

# IC C2PC Test Report

**IC** : 3147A-SSD50NBT  
**Equipment** : 802.11abgn 2x2 and Bluetooth 4.0 module  
**Model No.** : SSD50NBT  
**Brand Name** : Laird  
**Applicant** : LAIRD TECHNOLOGIES  
**Address** : W66N220 Commerce Court, Cedarburg, WI  
53012 United States Of America  
**Standard** : RSS-247 Issue 2 February 2017  
**Received Date** : Feb. 22, 2018  
**Tested Date** : Nov. 30, 2015 ~ Jan. 11, 2016 (for original test)  
Mar. 06 ~ Mar. 14, 2018 (for new test)

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

  
Along Chen / Assistant Manager

Approved by:

  
Gary Chang / Manager



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## Release Record

Report No.	Version	Description	Issued Date
CR5D1002-01AN	Rev. 01	Initial issue	Apr. 24, 2018

## Summary of Test Results

IC Rules	Test Items	Measured	Result
RSS-Gen Section 8.8	Conducted Emissions	[dBuV]: 20.056MHz 22.01 (Margin -27.99dB) - AV	Pass
RSS-247 Section 6.2.1.2 RSS-247 Section 6.2.2.2 RSS-247 Section 6.2.3.2 RSS-247 Section 6.2.4.2	Radiated Emissions	[dBuV/m at 3m]: 11570.00MHz 53.80 (Margin -0.20dB) - AV	Pass
RSS-247 Section 6.2.1.1 RSS-247 Section 6.2.2.1 RSS-247 Section 6.2.3.1 RSS-247 Section 6.2.4.1	Emission Bandwidth	Meet the requirement of limit	Pass
RSS-247 Section 6.2.4.1	6dB bandwidth	Meet the requirement of limit	Pass
RSS-247 Section 6.2.1.1 RSS-247 Section 6.2.2.1 RSS-247 Section 6.2.3.1 RSS-247 Section 6.2.4.1	RF Output Power	Max Power [dBm]: 5150~5250MHz: 18.85 5250~5350MHz: 19.09 5470~5725MHz: 21.80 5725~5850MHz: 20.80	Pass
RSS-247 Section 6.2.1.1 RSS-247 Section 6.2.2.1 RSS-247 Section 6.2.3.1 RSS-247 Section 6.2.4.1	Peak Power Spectral Density	Meet the requirement of limit	Pass
---	Frequency Stability	Meet the requirement of limit	Pass
---	Antenna Requirement	Meet the requirement of limit	Pass

# 1 General Description

## 1.1 Information

This report is prepared for Class II Permissive change. (C2PC)

This report is issued as a supplementary report to the original ICC report no. CR5D1002AN. The modification is concerned as complying with latest version of standard. Therefore, test items of 5250~5350MHz had been re-evaluated and other test results were kept the same as recorded in the original report.

### 1.1.1 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N <sub>TX</sub> )	Data Rate / MCS
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5700 5745-5825	36-48 [4] 52-64 [4] 100-140 [8] 149-165 [5]	1 2	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20)	5180-5240 5260-5320 5500-5700 5745-5825	36-48 [4] 52-64 [4] 100-140 [8] 149-165 [5]	1 2 2	MCS 0-7 MCS 0-7 MCS 8-15
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40)	5190-5230 5270-5310 5510-5670 5755-5795	38-46 [2] 54-62 [2] 102-134 [3] 151-159 [2]	1 2 2	MCS 0-7 MCS 0-7 MCS 8-15

Note 1: RF output power specifies that Maximum Conducted Output Power.  
Note 2: 802.11a/n uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.  
Note 3: The device supports TX antenna diversity function. The conducted power of single chain is same for 1TX and 2TX operating mode. Therefore, Ant1+Ant2 configuration is chosen for final testing.

### 1.1.2 Antenna Details

Ant. No.	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	Laird MAF94051	Dipole	RP-SMA	2.1	2.4	2.6	3.4	3.4
2	Laird NanoBlade-IP04	PCB Dipole	IPEX MHF	2	3.9	3.9	4	4
3	Laird MAF95310 Mini NanoBlade Flex	PCB Dipole	IPEX MHF	2.79	3.38	3.38	3.38	3.38
4	Laird NanoBlue-IP04	PCB Dipole	IPEX MHF	2	---	---	---	---
5	Ethertronics WLAN_1000146	Isolated Magnetic Dipole	IPEX MHF	2.5	3.5	3.5	3.5	3.5

**Note:** Ant. No. 1, 3 & 5 were for 2.4G final test.

Ant. No. 1, 2 & 5 were for 5G final test.

### 1.1.3 Power Supply Type of Equipment under Test (EUT)

<b>Power Supply Type</b>	3.3Vdc from host
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### 1.1.4 Accessories

N/A

### 1.1.5 Channel List

802.11 a / HT20		HT40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	134	5670
64	5320	151	5755
100	5500	159	5795
104	5520	---	---
108	5540	---	---
112	5560	---	---
116	5580	---	---
132	5660	---	---
136	5680	---	---
140	5700	---	---
149	5745	---	---
153	5765	---	---
157	5785	---	---
161	5805	---	---
165	5825	---	---

### 1.1.6 Test Tool and Duty Cycle

Test Tool	ART2 GUI, V2.3		
Duty Cycle and Duty Factor	Mode	Duty cycle (%)	Duty factor (dB)
	11a	99.16%	0.04
	HT20	99.10%	0.04
	HT40	98.05%	0.09

### 1.1.7 Power Setting

For Frequency band 5150-5250 MHz		
Modulation Mode	Test Frequency (MHz)	Power Set
11a	5180	14
11a	5200	14
11a	5240	14
HT20	5180	14
HT20	5200	14
HT20	5240	14
HT40	5190	16.5
HT40	5230	17

For Frequency band 5250~5350 MHz		
Modulation Mode	Test Frequency (MHz)	Power Set
11a	5260	16.5
11a	5300	16.5
11a	5320	17.5
HT20	5260	16.5
HT20	5300	16.5
HT20	5320	17.5
HT40	5270	15.5
HT40	5310	17

For Frequency band 5470~5725 MHz		
Modulation Mode	Test Frequency (MHz)	Power Set
11a	5500	18
11a	5580	19
11a	5700	17
HT20	5500	17.5
HT20	5580	19
HT20	5700	17
HT40	5510	16.5
HT40	5550	21
HT40	5670	19

For Frequency band 5725~5850 MHz		
Modulation Mode	Test Frequency (MHz)	Power Set
11a	5745	19
11a	5785	21
11a	5825	22
HT20	5745	18.5
HT20	5785	21
HT20	5825	22
HT40	5755	17
HT40	5795	20.5

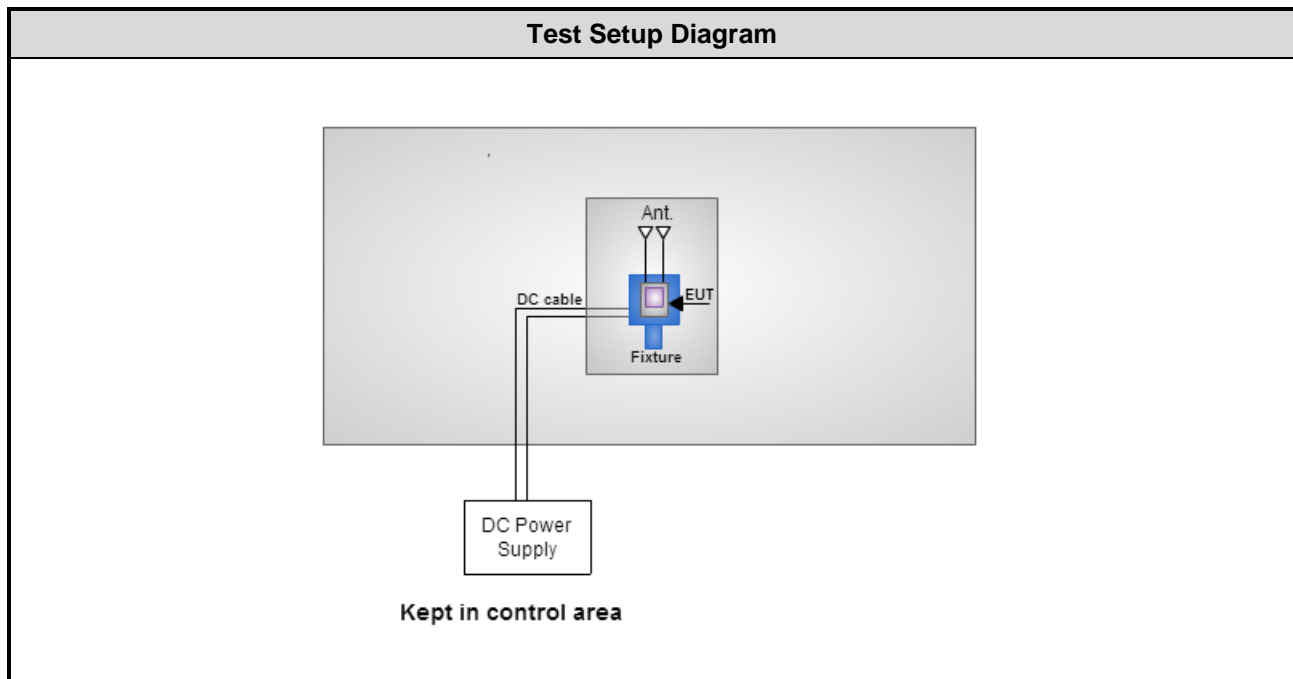


## 1.2 Local Support Equipment List

Support Equipment List						
No.	Equipment	Brand	Model	S/N	FCC ID	Signal cable / Length (m)
1	DC Power Supply	GW INSTEK	GPC-3060D	EM884797	---	---
2	Notebook	DELL	Latitude E6430	9ZFB4X1	DoC	---
3	Fixture	---	---	---	---	---

Note: Fixture is provided by applicant.

## 1.3 Test Setup Chart



Note: The support notebook was disconnected from EUT and removed from test table when EUT is set to transmit continuously.

## 1.4 The Equipment List

### For original test

<b>Test Item</b>	Conducted Emission				
<b>Test Site</b>	Conduction room 1 / (CO01-WS)				
<b>Tested Date</b>	Jan. 06, 2016				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
EMC Receiver	R&S	ESCS 30	100169	Oct. 21, 2015	Oct. 20, 2016
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Nov. 13, 2015	Nov. 12, 2016
RF Cable-CON	EMC	EMCCFD300-BM-BM-6000	50821	Dec. 21, 2015	Dec. 20, 2016
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	Radiated Emission				
<b>Test Site</b>	966 chamber 3 / (03CH03-WS)				
<b>Tested Date</b>	Nov. 30 ~ Dec. 22, 2015				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	Agilent	N9010A	MY53400091	Sep. 14, 2015	Sep. 13, 2016
Receiver	Agilent	N9038A	MY53290044	Oct. 14, 2015	Oct. 13, 2016
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-563	Dec. 30, 2014	Dec. 29, 2015
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Feb. 03, 2015	Feb. 02, 2016
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 04, 2015	Nov. 03, 2016
Preamplifier	EMC	EMC02325	980187	Sep. 21, 2015	Sep. 20, 2016
Preamplifier	Agilent	83017A	MY53270014	Sep. 07, 2015	Sep. 06, 2016
Preamplifier	EMC	EMC184045B	980192	Sep. 01, 2015	Aug. 31, 2016
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Feb. 09, 2015	Feb. 08, 2016
RF cable-8M	HUBER+SUHNER	SUCOFLEX104	MY22600/4	Feb. 09, 2015	Feb. 08, 2016
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Feb. 09, 2015	Feb. 08, 2016
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Feb. 09, 2015	Feb. 08, 2016
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Feb. 09, 2015	Feb. 08, 2016
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Feb. 09, 2015	Feb. 08, 2016
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	RF Conducted				
<b>Test Site</b>	(TH01-WS)				
<b>Tested Date</b>	Jan. 09 ~ Jan. 11, 2016				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	R&S	FSV40	101063	Feb. 03, 2015	Feb. 02, 2016
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Nov. 27, 2015	Nov. 26, 2016
Power Meter	Anritsu	ML2495A	1241002	Sep. 21, 2015	Sep. 20, 2016
Power Sensor	Anritsu	MA2411B	1207366	Sep. 21, 2015	Sep. 20, 2016
DC POWER SOURCE	GW INSTEK	GPC-3060D	EM884797	Oct. 20, 2015	Oct. 19, 2016
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

### For new test

<b>Test Item</b>	Radiated Emission				
<b>Test Site</b>	966 chamber 3 / (03CH03-WS)				
<b>Tested Date</b>	Mar. 06 ~ Mar. 14, 2018				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	R&S	FSV40	101499	Jan. 03, 2018	Jan. 02, 2019
Receiver	R&S	ESR3	101658	Nov. 20, 2017	Nov. 19, 2018
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Apr. 28, 2017	Apr. 27, 2018
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Jan. 18, 2018	Jan. 17, 2019
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 23, 2017	Nov. 22, 2018
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 13, 2017	Nov. 12, 2018
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Dec. 07, 2017	Dec. 06, 2018
Preamplifier	EMC	EMC02325	980187	Sep. 04, 2017	Sep. 03, 2018
Preamplifier	Agilent	83017A	MY53270014	Aug. 21, 2017	Aug. 20, 2018
Preamplifier	EMC	EMC184045B	980192	Aug. 22, 2017	Aug. 21, 2018
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Nov. 27, 2017	Nov. 26, 2018
RF cable-8M	HUBER+SUHNER	SUCOFLEX104	MY32487/4	Nov. 27, 2017	Nov. 26, 2018
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Nov. 27, 2017	Nov. 26, 2018
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Nov. 27, 2017	Nov. 26, 2018
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Nov. 27, 2017	Nov. 26, 2018
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Nov. 27, 2017	Nov. 26, 2018
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	RF Conducted				
<b>Test Site</b>	(TH01-WS)				
<b>Tested Date</b>	Mar. 09 ~ Mar. 12, 2018				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	R&S	FSV40	101063	Mar. 15, 2017	Mar. 14, 2018
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Nov. 27, 2017	Nov. 26, 2018
Power Meter	Anritsu	ML2495A	1241002	Oct. 16, 2017	Oct. 15, 2018
Power Sensor	Anritsu	MA2411B	1207366	Oct. 16, 2017	Oct. 15, 2018
DC POWER SOURCE	GW INSTEK	GPC-6030D	EM892433	Oct. 26, 2017	Oct. 25, 2018
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

## 1.5 Testing Applied Standards

According to the specification of EUT, the EUT must comply with following standards and KDB documents.

RSS-247 Issue 2 February 2017

RSS-Gen Issue 4 November 2014

ANSI C63.10-2013

ANSI C63.4-2014

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

## 1.6 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	±34.134 Hz
Conducted power	±0.808 dB
Frequency error	±34.134 Hz
Power density	±0.463 dB
Conducted emission	±2.670 dB
AC conducted emission	±2.92 dB
Radiated emission ≤ 1GHz	±3.66 dB
Radiated emission > 1GHz	±5.37 dB
Time	±0.1%
Temperature	±0.6 °C

## 2 Test Configuration

### 2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	20°C / 60%	Peter Lin
Radiated Emissions	03CH03-WS	22°C / 61-64% 22-24°C / 62-63%	Anderson Hong Felix Sung Roger Lu
RF Conducted	TH01-WS	21°C / 64%	Alex Huang

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- IC site registration No.: 10807C-1

### 2.2 The Worst Test Modes and Channel Details

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Conducted Emissions	HT40	5550	MCS 0	2
Radiated Emissions ≤1GHz	HT40	5550	MCS 0	1, 2, 3
	11a	5320	6 Mbps	1, 2, 3
Radiated Emissions >1GHz	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700	6 Mbps	1, 2, 3
	HT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700	MCS 0	
	HT40	5190 / 5230 / 5270 / 5310 / 5510 5550 / 5670	MCS 0	
RF Output Power Emission Bandwidth Peak Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700	6 Mbps	2
	HT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700	MCS 0	
	HT40	5190 / 5230 / 5270 / 5310 / 5510 5550 / 5670	MCS 0	
Frequency Stability	Un-modulation	5320	---	---

**NOTE:**

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Y-plane** results were found as the worst case and were shown in this report.
2. The following antennas are used for final testing for this module: (See item 1.1.2 for more details.)
  - 1) Configuration 1 : Dipole antenna
  - 2) Configuration 2 : PCB Dipole antenna
  - 3) Configuration 3 : Isolated Magnetic Dipole antenna

Frequency band 5725-5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Conducted Emissions	11a	5785	6 Mbps	2
Radiated Emissions $\leq 1$ GHz	11a	5785	6 Mbps	1, 2, 3
Radiated Emissions $> 1$ GHz	11a	5745 / 5785 / 5825	6 Mbps	1, 2, 3
	HT20	5745 / 5785 / 5825	MCS 0	
	HT40	5755 / 5795	MCS 0	
RF Output Power Emission Bandwidth 6dB bandwidth Peak Power Spectral Density	11a	5745 / 5785 / 5825	6 Mbps	2
	HT20	5745 / 5785 / 5825	MCS 0	
	HT40	5755 / 5795	MCS 0	
Frequency Stability	Un-modulation	5785	---	---
<b>NOTE:</b> 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The <b>Y-plane</b> results were found as the worst case and were shown in this report. 2. The following antennas are used for final testing for this module: (See item 1.1.2 for more details.) 1) Configuration 1 : Dipole antenna 2) Configuration 2 : PCB Dipole antenna 3) Configuration 3 : Isolated Magnetic Dipole antenna				

### 3 Transmitter Test Results

#### 3.1 Conducted Emissions

##### 3.1.1 Limit of Conducted Emissions

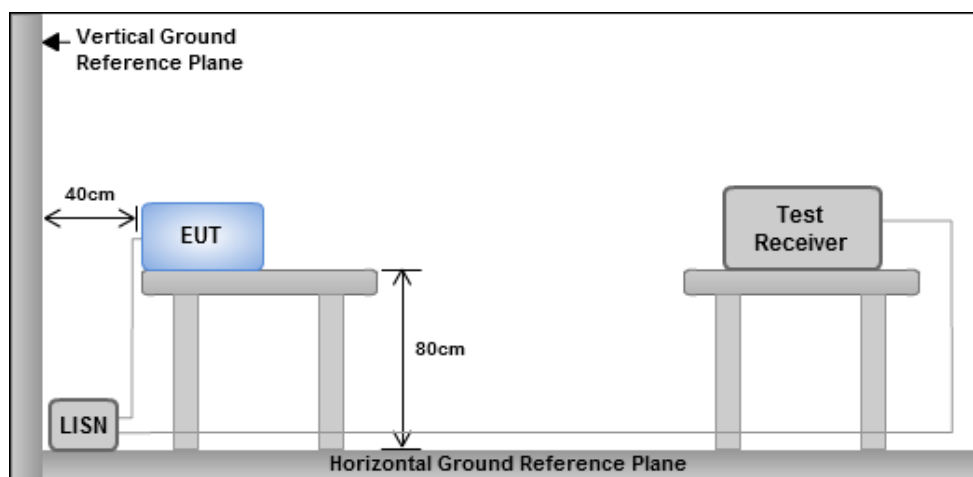
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: \* Decreases with the logarithm of the frequency.

##### 3.1.2 Test Procedures

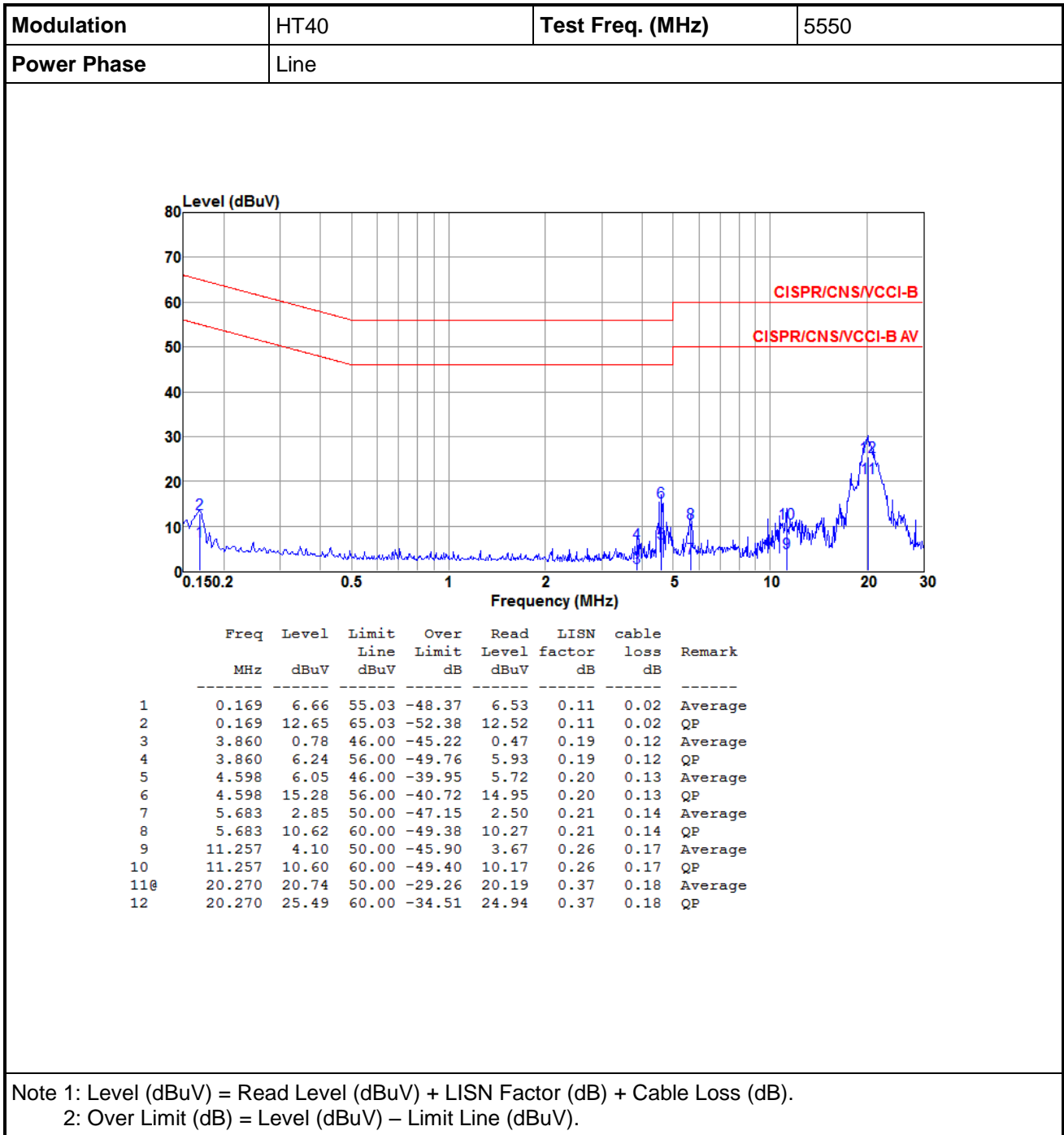
1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50  $\Omega$  LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

##### 3.1.3 Test Setup



- Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

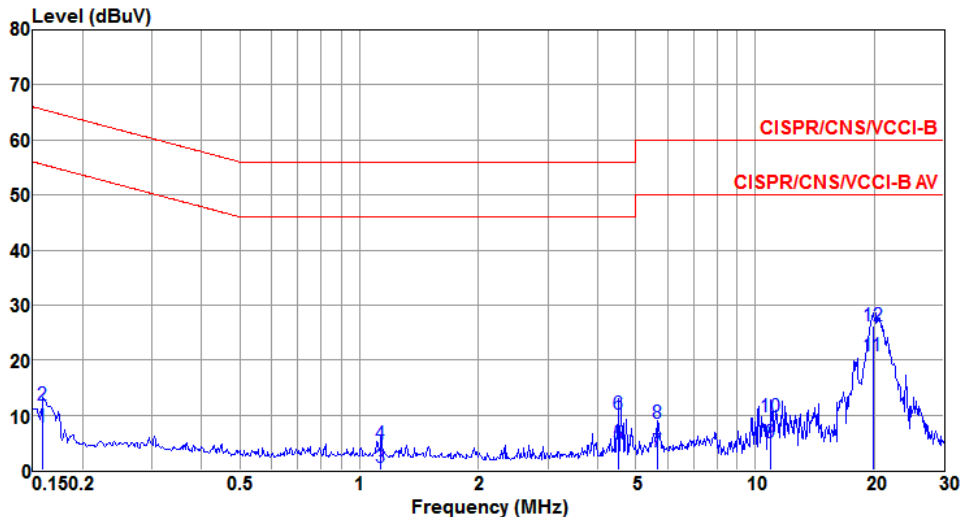
### 3.1.4 Test Result of Conducted Emissions





Modulation	HT40	Test Freq. (MHz)	5550
Power Phase	Neutral		

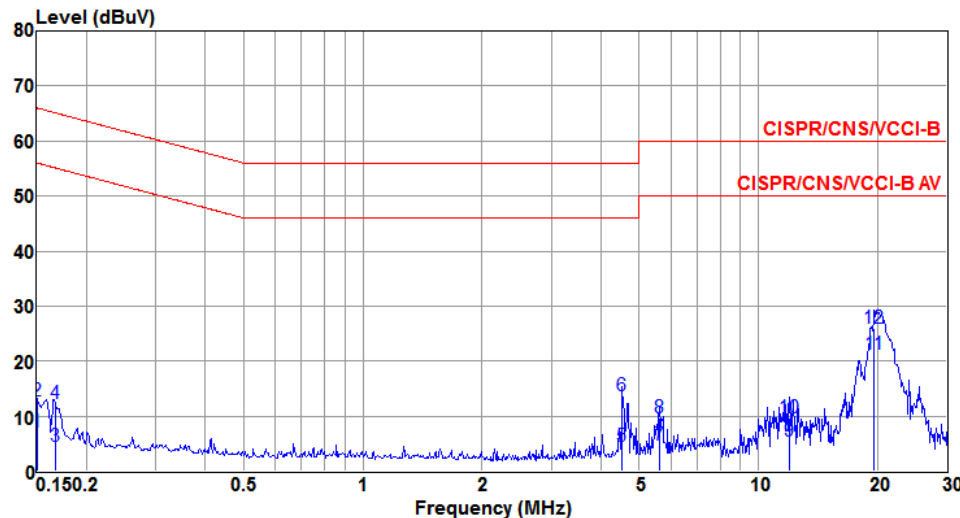
  



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.159	7.82	55.52	-47.70	7.68	0.12	0.02	Average
2	0.159	11.69	65.52	-53.83	11.55	0.12	0.02	QP
3	1.135	0.48	46.00	-45.52	0.28	0.14	0.06	Average
4	1.135	4.84	56.00	-51.16	4.64	0.14	0.06	QP
5	4.525	4.69	46.00	-41.31	4.38	0.18	0.13	Average
6	4.525	10.26	56.00	-45.74	9.95	0.18	0.13	QP
7	5.653	3.35	50.00	-46.65	3.01	0.21	0.13	Average
8	5.653	8.45	60.00	-51.55	8.11	0.21	0.13	QP
9	10.963	4.98	50.00	-45.02	4.52	0.29	0.17	Average
10	10.963	9.57	60.00	-50.43	9.11	0.29	0.17	QP
11@	19.845	20.84	50.00	-29.16	20.27	0.40	0.17	Average
12	19.845	26.12	60.00	-33.88	25.55	0.40	0.17	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Line		

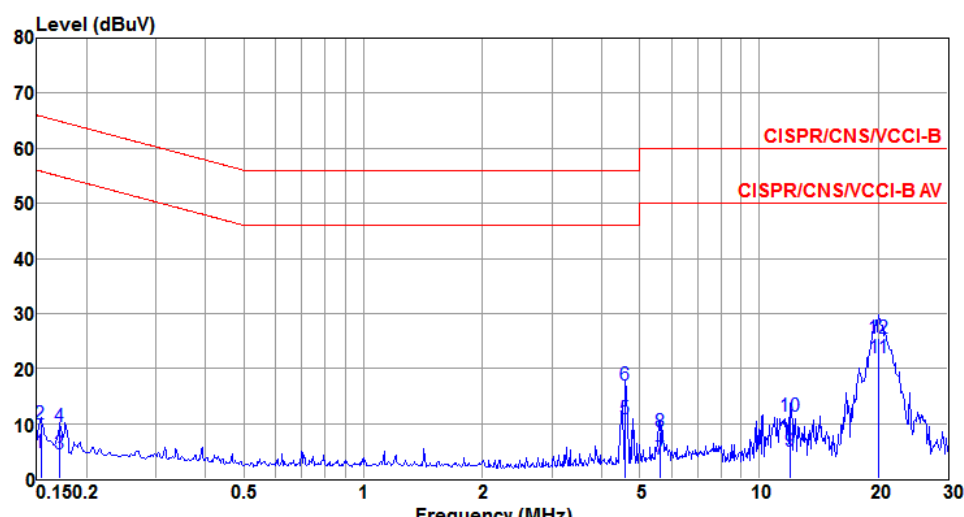


	Freq	Level	Limit	Over	Read	LISN	cable	
	MHz	dBuV	Line	Limit	Level	factor	loss	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.150	7.15	56.00	-48.85	7.02	0.11	0.02	Average
2	0.150	12.84	66.00	-53.16	12.71	0.11	0.02	QP
3	0.167	4.50	55.12	-50.62	4.37	0.11	0.02	Average
4	0.167	12.38	65.12	-52.74	12.25	0.11	0.02	QP
5	4.525	4.43	46.00	-41.57	4.10	0.20	0.13	Average
6	4.525	13.68	56.00	-42.32	13.35	0.20	0.13	QP
7	5.623	4.75	50.00	-45.25	4.41	0.21	0.13	Average
8	5.623	9.65	60.00	-50.35	9.31	0.21	0.13	QP
9	11.996	5.48	50.00	-44.52	5.03	0.27	0.18	Average
10	11.996	9.59	60.00	-50.41	9.14	0.27	0.18	QP
11@	19.635	21.14	50.00	-28.86	20.60	0.37	0.17	Average
12	19.635	26.04	60.00	-33.96	25.50	0.37	0.17	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	11a	Test Freq. (MHz)	5785
Power Phase	Neutral		



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.153	4.63	55.82	-51.19	4.48	0.13	0.02	Average
2	0.153	9.91	65.82	-55.91	9.76	0.13	0.02	QP
3	0.171	4.45	54.90	-50.45	4.31	0.12	0.02	Average
4	0.171	9.42	64.90	-55.48	9.28	0.12	0.02	QP
5	4.598	10.78	46.00	-35.22	10.46	0.19	0.13	Average
6	4.598	16.95	56.00	-39.05	16.63	0.19	0.13	QP
7	5.623	3.45	50.00	-46.55	3.11	0.21	0.13	Average
8	5.623	8.57	60.00	-51.43	8.23	0.21	0.13	QP
9	11.996	4.96	50.00	-45.04	4.48	0.30	0.18	Average
10	11.996	11.24	60.00	-48.76	10.76	0.30	0.18	QP
11@	20.056	22.01	50.00	-27.99	21.44	0.40	0.17	Average
12	20.056	25.51	60.00	-34.49	24.94	0.40	0.17	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

## 3.2 Emission Bandwidth

### 3.2.1 Limit of Emission Bandwidth

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

### 3.2.2 Test Procedures

#### 26dB Bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW, Detector = Peak.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

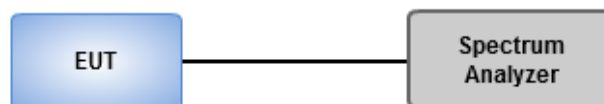
#### Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW
2. Set VBW  $\geq$  3 RBW
3. Sample detection and single sweep mode shall be used
4. Use the 99 % power bandwidth function of the instrument

#### 6dB Bandwidth

1. Set resolution bandwidth (RBW) = 1% to 5% of the anticipated emission, Video bandwidth = 3x the RBW.
2. Detector = Peak, Trace mode = max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

### 3.2.3 Test Setup



### 3.2.4 Test Result of Emission Bandwidth

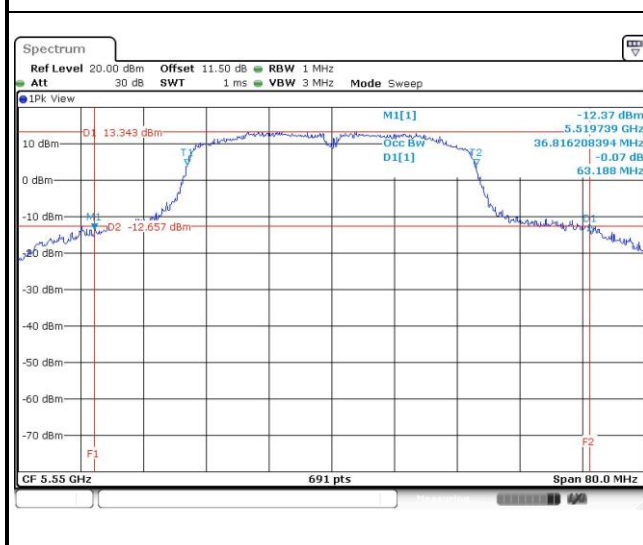
Emission Bandwidth 5150~5250 MHz									
Mode	N <sub>TX</sub>	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)			Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	
11a	2	5180	20.29	20.29	---	16.52	16.47	---	22.17
11a	2	5200	20.41	19.94	---	16.52	16.46	---	22.16
11a	2	5240	20.46	19.88	---	16.54	16.46	---	22.16
HT20	2	5180	21.39	21.10	---	17.63	17.61	---	22.46
HT20	2	5200	20.99	21.28	---	17.62	17.62	---	22.46
HT20	2	5240	21.28	20.99	---	17.63	17.62	---	22.46
HT40	2	5190	43.13	42.67	---	35.76	35.80	---	23.00
HT40	2	5230	43.36	43.25	---	36.00	35.96	---	23.00

Emission Bandwidth 5250~5350 MHz									
Mode	N <sub>TX</sub>	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)			Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	
11a	2	5260	20.75	20.46	---	16.55	16.48	---	29.17
11a	2	5300	21.16	21.33	---	16.55	16.48	---	29.17
11a	2	5320	20.81	20.35	---	16.55	16.48	---	29.17
HT20	2	5260	21.51	21.68	---	17.64	17.63	---	29.46
HT20	2	5300	21.57	21.28	---	17.64	17.63	---	29.46
HT20	2	5320	21.57	21.33	---	17.63	17.61	---	29.46
HT40	2	5270	43.36	42.20	---	35.78	35.80	---	30.00
HT40	2	5310	43.13	41.74	---	35.84	35.82	---	30.00

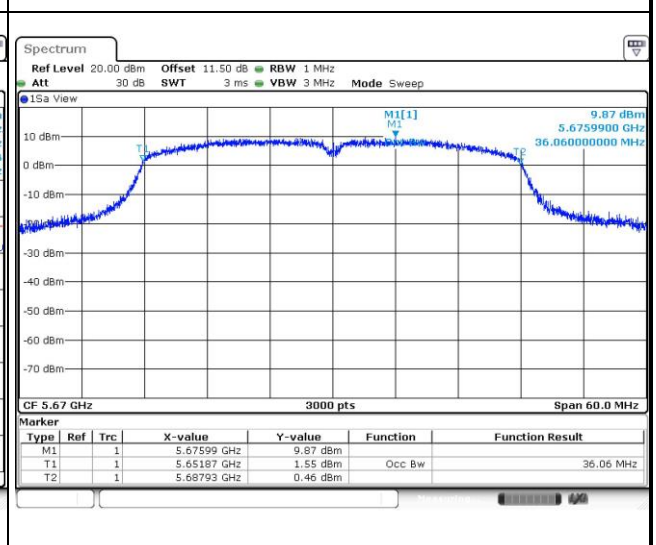
### Emission Bandwidth 5470~5725 MHz

Mode	N <sub>TX</sub>	Freq. (MHz)	26dB Bandwidth (MHz)			99% Bandwidth (MHz)			Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	
11a	2	5500	21.10	21.68	---	16.55	16.49	---	29.17
11a	2	5580	25.04	26.03	---	16.63	16.77	---	29.21
11a	2	5700	21.04	22.03	---	16.55	16.53	---	29.18
HT20	2	5500	21.33	21.57	---	17.64	17.66	---	29.46
HT20	2	5580	22.55	27.88	---	17.69	17.77	---	29.48
HT20	2	5700	21.10	21.39	---	17.64	17.65	---	29.46
HT40	2	5510	43.36	42.78	---	35.82	35.86	---	30.00
HT40	2	5550	55.65	63.19	---	36.04	36.00	---	30.00
HT40	2	5670	44.29	51.01	---	35.84	36.06	---	30.00

### Worst Plot of 26dB Bandwidth



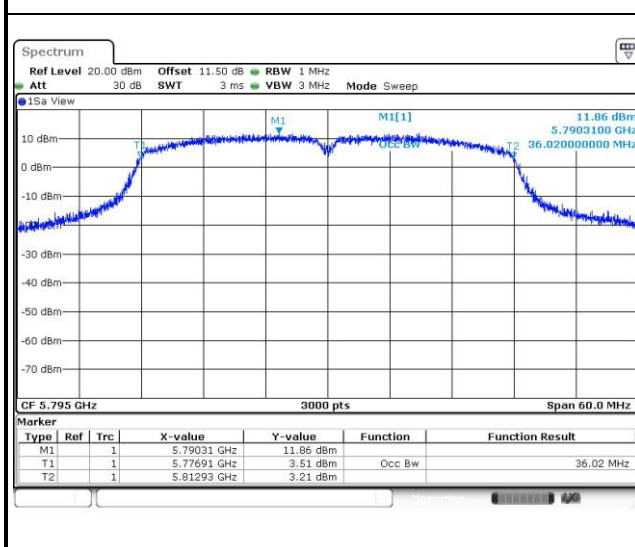
### Worst Plot of 99% Bandwidth



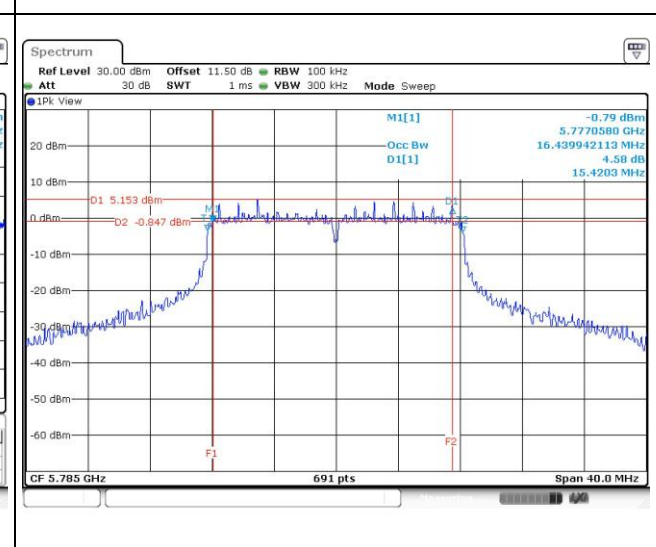
For Frequency band 5725-5850 MHz

Mode	N <sub>TX</sub>	Freq. (MHz)	OBW Bandwidth (MHz)				6dB Bandwidth (MHz)				6dB BW Limit (MHz)
			Chain 0	Chain 1	Chain 2	Chain 3	Chain 0	Chain 1	Chain 2	Chain 3	
11a	2	5745	16.58	16.57	---	---	16.35	16.06	---	---	0.5
11a	2	5785	16.82	16.67	---	---	15.88	15.42	---	---	0.5
11a	2	5825	16.64	16.74	---	---	16.35	16.29	---	---	0.5
HT20	2	5745	17.67	17.65	---	---	16.93	16.00	---	---	0.5
HT20	2	5785	17.95	17.85	---	---	16.52	16.58	---	---	0.5
HT20	2	5825	17.72	17.87	---	---	16.52	15.94	---	---	0.5
HT40	2	5755	35.82	35.80	---	---	35.13	35.01	---	---	0.5
HT40	2	5795	36.02	35.96	---	---	33.86	32.58	---	---	0.5

Worst Plot of 99% Bandwidth



Worst Plot of 6dB Bandwidth



### 3.3 RF Output Power

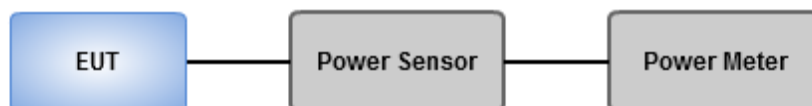
#### 3.3.1 Limit of RF Output Power

Frequency Band (MHz)		Limit	
<input checked="" type="checkbox"/>	5150 ~ 5250	EIRP: 200mW or 10dBm+10 log B	
<input checked="" type="checkbox"/>	5250 ~ 5350	Conducted Power	250mW or 11dBm+10 log B
		EIRP	1W or 17dBm+10 log B
<input checked="" type="checkbox"/>	5470 ~ 5600 and 5650 ~ 5725	Conducted Power	250mW or 11dBm+10 log B
		EIRP	1W or 17dBm+10 log B
<input checked="" type="checkbox"/>	5725 ~ 5850	Conducted Power: 1 W	
Note: “B” is the 99% Occupied Bandwidth in MHz.			

#### 3.3.2 Test Procedures

- ☒ **Method PM-G ( Measurement using a gated RF average power meter )**
  - ☒ Measurements may is performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### 3.3.3 Test Setup





### 3.3.4 Test Result of Maximum Conducted Output Power

Frequency band 5150~5250 MHz											
Mode	N <sub>TX</sub>	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Antenna Gain (dBi)	E.I.R.P (dBm)	E.I.R.P limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3					
11a	2	5180	11.12	12.01	---	---	28.827	14.60	3.90	18.50	22.17
11a	2	5200	11.11	12.35	---	---	30.091	14.78	3.90	18.68	22.16
11a	2	5240	11.32	12.16	---	---	29.996	14.77	3.90	18.67	22.16
HT20	2	5180	11.16	12.11	---	---	29.317	14.67	3.90	18.57	22.46
HT20	2	5200	11.21	12.36	---	---	30.432	14.83	3.90	18.73	22.46
HT20	2	5240	11.29	12.06	---	---	29.528	14.70	3.90	18.60	22.46
HT40	2	5190	14.32	14.01	---	---	52.216	17.18	3.90	21.08	23.00
HT40	2	5230	15.43	16.21	---	---	76.697	<b>18.85</b>	3.90	22.75	23.00

Frequency band 5250~5350 MHz												
Mode	N <sub>TX</sub>	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Antenna Gain (dBi)	E.I.R.P (dBm)	E.I.R.P limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3						
11a	2	5260	16.08	16.01	---	---	80.453	19.06	23.17	3.90	22.96	29.17
11a	2	5300	15.83	16.28	---	---	80.744	19.07	23.17	3.90	22.97	29.17
11a	2	5320	15.97	16.18	---	---	81.032	<b>19.09</b>	23.17	3.90	22.99	29.17
HT20	2	5260	15.67	15.95	---	---	76.253	18.82	23.46	3.90	22.72	29.46
HT20	2	5300	15.62	16.1	---	---	77.213	18.88	23.46	3.90	22.78	29.46
HT20	2	5320	15.95	16.12	---	---	80.281	19.05	23.46	3.90	22.95	29.46
HT40	2	5270	15.87	15.91	---	---	77.631	18.90	24.00	3.90	22.80	30.00
HT40	2	5310	16.11	16.02	---	---	80.826	19.08	24.00	3.90	22.98	30.00

Frequency band 5470 ~ 5725 MHz												
Mode	N <sub>TX</sub>	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Antenna Gain (dBi)	E.I.R.P (dBm)	E.I.R.P limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3						
11a	2	5500	16.23	17.12	---	---	93.499	19.71	23.17	4.00	23.71	29.17
11a	2	5580	18.01	17.82	---	---	123.775	20.93	23.21	4.00	24.93	29.21
11a	2	5700	15.21	15.68	---	---	70.172	18.46	23.18	4.00	22.46	29.18
HT20	2	5500	16.54	16.31	---	---	87.838	19.44	23.46	4.00	23.44	29.46
HT20	2	5580	17.56	17.62	---	---	114.826	20.60	23.48	4.00	24.60	29.48
HT20	2	5700	14.32	14.43	---	---	54.773	17.39	23.46	4.00	21.39	29.46
HT40	2	5510	15.71	16.02	---	---	77.234	18.88	24.00	4.00	22.88	30.00
HT40	2	5550	18.92	18.66	---	---	151.434	<b>21.80</b>	24.00	4.00	25.80	30.00
HT40	2	5670	17.45	17.02	---	---	105.940	20.25	24.00	4.00	24.25	30.00

For Frequency band 5725-5850 MHz									
Mode	N <sub>TX</sub>	Freq. (MHz)	Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
11a	2	5745	16.22	15.61	---	---	78.271	18.94	30.00
11a	2	5785	18.03	17.54	---	---	120.288	<b>20.80</b>	30.00
11a	2	5825	17.48	17.4	---	---	110.930	20.45	30.00
HT20	2	5745	15.58	15.23	---	---	69.484	18.42	30.00
HT20	2	5785	17.62	17.51	---	---	114.173	20.58	30.00
HT20	2	5825	17.71	17.02	---	---	109.370	20.39	30.00
HT40	2	5755	14.85	14.48	---	---	58.604	17.68	30.00
HT40	2	5795	17.45	16.32	---	---	98.445	19.93	30.00

### 3.4 Peak Power Spectral Density

#### 3.4.1 Limit of Peak Power Spectral Density

Frequency Band (MHz)		Limit
<input checked="" type="checkbox"/>	5150 ~ 5250	The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.
<input checked="" type="checkbox"/>	5250 ~ 5350	The power spectral density shall not exceed 11 dBm in any 1.0 MHz band
<input checked="" type="checkbox"/>	5470 ~ 5600 and 5650 ~ 5725	The power spectral density shall not exceed 11 dBm in any 1.0 MHz band
<input checked="" type="checkbox"/>	5725 ~ 5850	The power spectral density shall not exceed 30 dBm in any 500 kHz band.

#### 3.4.2 Test Procedures

##### For 5150~5250 MHz, 5250~5350 MHz, 5470~5725 MHz

☒ Method SA-1

1. Set RBW = 1 MHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

☐ Method SA-2 Alternative

1. Set RBW = 1 MHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time  $\geq 10 * (\text{number of points in sweep}) * (\text{total on/off period of the transmitted signal})$ .
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add  $10 \log(1/x)$ , where x is the duty cycle.

##### For 5725~5850 MHz

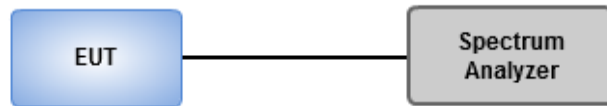
☒ Method SA-1

1. Set RBW = 500 kHz, VBW = 2 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

☐ Method SA-2 Alternative

1. Set RBW = 500 kHz, VBW = 2 MHz, Detector = RMS.
2. Set sweep time  $\geq 10 * (\text{number of points in sweep}) * (\text{total on/off period of the transmitted signal})$ .
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add  $10 \log(1/x)$ , where x is the duty cycle.

### 3.4.3 Test Setup



### 3.4.4 Test Result of Peak Power Spectral Density

Frequency band 5150~5250 MHz								
Condition			Peak Power Spectral Density (dBm)					
Mode	N <sub>TX</sub>	Freq. (MHz)	PPSD w/o D.F (dBm)	Duty Factor (dB)	PPSD with D.F (dBm)	Ant. Gain (dBi)	E.I.R.P PSD (dBm)	E.I.R.P PSD limit (dBm)
11a	2	5180	2.36	0.00	2.36	6.91	9.27	10
11a	2	5200	2.82	0.00	2.82	6.91	9.73	10
11a	2	5240	2.75	0.00	2.75	6.91	9.66	10
HT20	2	5180	2.29	0.00	2.29	6.91	9.20	10
HT20	2	5200	2.34	0.00	2.34	6.91	9.25	10
HT20	2	5240	2.60	0.00	2.60	6.91	9.51	10
HT40	2	5190	1.35	0.00	1.35	6.91	8.26	10
HT40	2	5230	2.99	0.00	2.99	6.91	9.90	10

Note:

1. D.F is duty factor.
2. Test result is bin-by-bin summing measured value of each TX port.
3. Directional gain =  $3.9 + 10 * \log(2/1) = 6.91$  dBi

Frequency band 5250~5350 MHz									
Condition			Peak Power Spectral Density (dBm)						
Mode	N <sub>TX</sub>	Freq. (MHz)	PPSD w/o D.F (dBm)	Duty Factor (dB)	PPSD with D.F (dBm)	Limit (dBm)	Ant. Gain (dBi)	E.I.R.P PSD (dBm)	E.I.R.P PSD limit (dBm)
11a	2	5260	6.80	0.00	6.80	10.09	6.91	13.71	17
11a	2	5300	6.75	0.00	6.75	10.09	6.91	13.66	17
11a	2	5320	6.45	0.00	6.45	10.09	6.91	13.36	17
HT20	2	5260	6.82	0.00	6.82	10.09	6.91	13.73	17
HT20	2	5300	6.72	0.00	6.72	10.09	6.91	13.63	17
HT20	2	5320	6.61	0.00	6.61	10.09	6.91	13.52	17
HT40	2	5270	4.04	0.00	4.04	10.09	6.91	10.95	17
HT40	2	5310	3.71	0.00	3.71	10.09	6.91	10.62	17

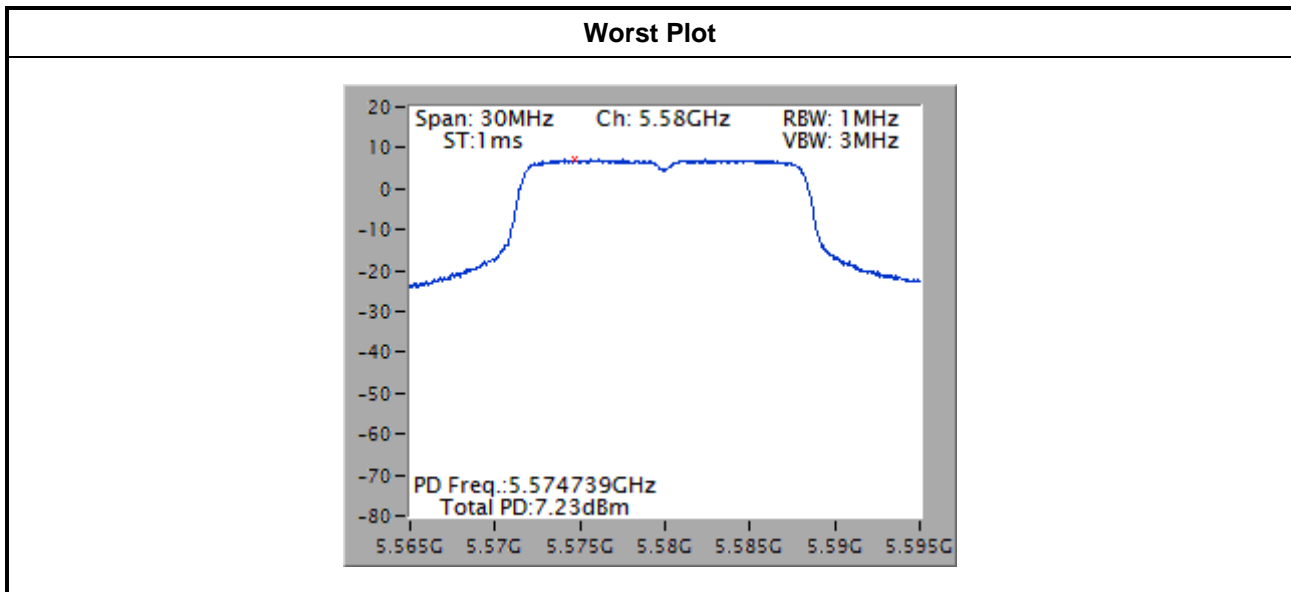
Note:

1. D.F is duty factor.
2. Test result is bin-by-bin summing measured value of each TX port.
3. Directional gain =  $3.9 + 10 * \log(2/1) = 6.91$  dBi > 6dBi,  
Limit shall be reduced to 11dBm – ( 6.91 dBi – 6 dBi) = 10.09 dBm

Frequency band 5470~5725 MHz									
Condition			Peak Power Spectral Density (dBm)						
Mode	N <sub>TX</sub>	Freq. (MHz)	PPSD w/o D.F (dBm)	Duty Factor (dB)	PPSD with D.F (dBm)	Limit (dBm)	Ant. Gain (dBi)	E.I.R.P PSD (dBm)	E.I.R.P PSD limit (dBm)
11a	2	5500	6.13	0.00	6.13	9.99	7.01	13.14	17
11a	2	5580	<b>7.23</b>	0.00	7.23	9.99	7.01	14.24	17
11a	2	5700	4.76	0.00	4.76	9.99	7.01	11.77	17
HT20	2	5500	5.51	0.00	5.51	9.99	7.01	12.52	17
HT20	2	5580	6.53	0.00	6.53	9.99	7.01	13.54	17
HT20	2	5700	3.26	0.00	3.26	9.99	7.01	10.27	17
HT40	2	5510	3.57	0.00	3.57	9.99	7.01	10.58	17
HT40	2	5550	3.16	0.00	3.16	9.99	7.01	10.17	17
HT40	2	5670	3.47	0.00	3.47	9.99	7.01	10.48	17

Note:

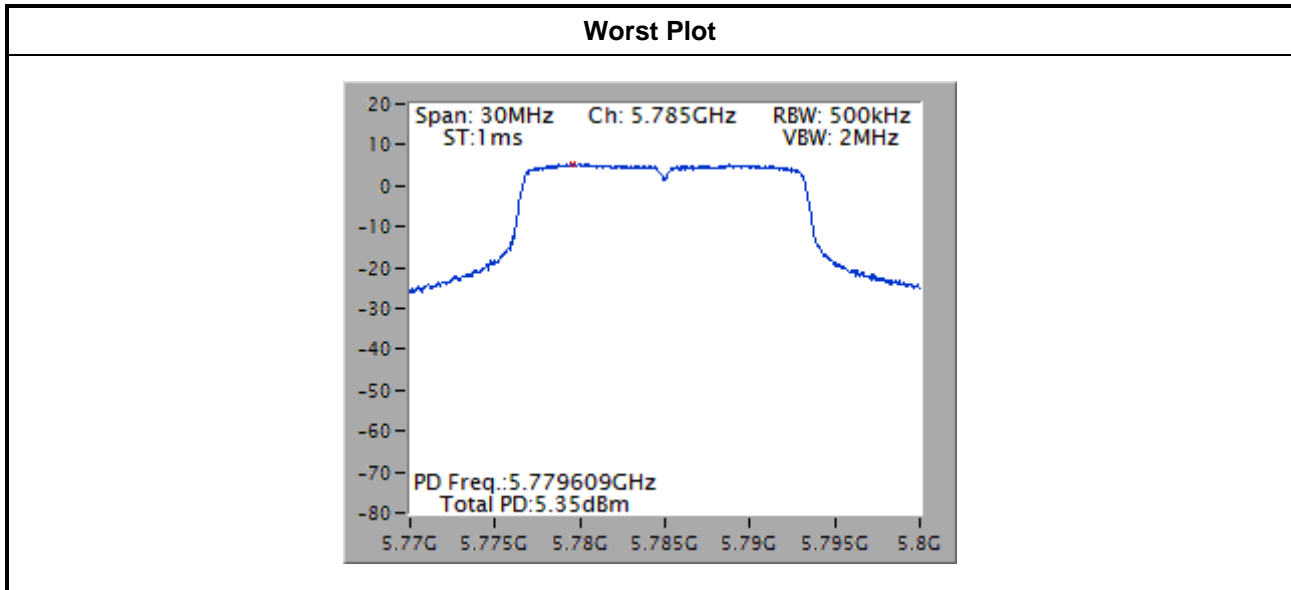
1. D.F is duty factor.
2. Test result is bin-by-bin summing measured value of each TX port.
3. Directional gain =  $4 + 10 \cdot \log(2/1) = 7.01 \text{ dBi} > 6 \text{ dBi}$ ,  
Limit shall be reduced to  $11 \text{ dBm} - (7.01 \text{ dBi} - 6 \text{ dBi}) = 9.99 \text{ dBm}$



Frequency band 5725-5850 MHz						
Condition			Peak Power Spectral Density (dBm/500kHz)			
Mode	N <sub>TX</sub>	Freq. (MHz)	PPSD w/o D.F (dBm/500kHz)	Duty Factor (dB)	PPSD with D.F (dBm/500kHz)	PPSD Limit (dBm/500kHz)
11a	2	5745	3.94	0.00	3.94	28.99
11a	2	5785	5.35	0.00	<b>5.35</b>	28.99
11a	2	5825	5.18	0.00	5.18	28.99
HT20	2	5745	3.43	0.00	3.43	28.99
HT20	2	5785	5.31	0.00	5.31	28.99
HT20	2	5825	4.94	0.00	4.94	28.99
HT40	2	5755	0.05	0.00	0.05	28.99
HT40	2	5795	2.42	0.00	2.42	28.99

Note:

1. D.F is duty factor.
2. Test result is bin-by-bin summing measured value of each TX port.
3. Directional gain =  $4 + 10 \cdot \log(2/1) = 7.01 \text{ dBi} > 6 \text{ dBi}$ .  
Limit shall be reduced to  $30 \text{ dBm} - (7.01 \text{ dBi} - 6 \text{ dBi}) = 28.99 \text{ dBm}$ .



### 3.4.5 Test Result of Peak Power Spectral Density for RSS-247 section 6.2.2

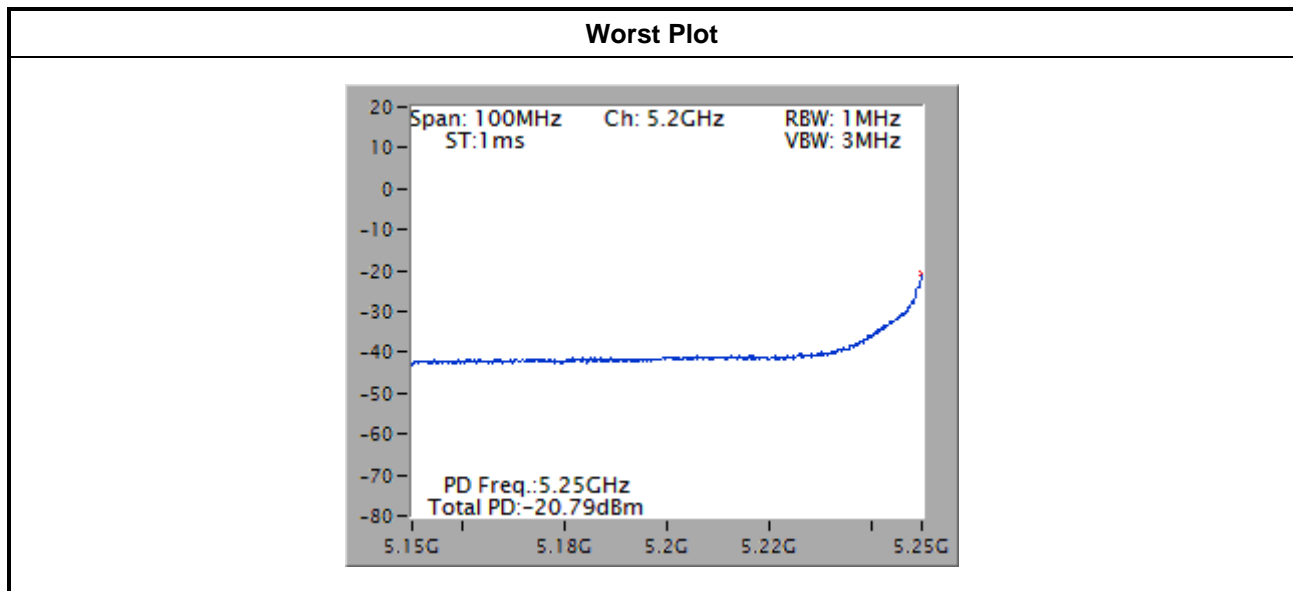
This item is to meet requirement of RSS-247 section 6.2.2(2)(i)(b) for devices with both operating frequencies and channel bandwidths contained within the band 5250-5350 MHz.

#### E.I.R.P. PSD for channels into 5150~5250MHz Band

Condition			Peak Power Spectral Density (dBm)						
Mode	N <sub>TX</sub>	Freq. (MHz)	PPSD w/o D.F (dBm)	Duty Factor (dB)	PPSD with D.F (dBm)	PPSD Limit (dBm)	Ant. Gain (dBi)	E.I.R.P PSD (dBm)	E.I.R.P PSD limit (dBm)
11a	2	5260	-20.79	0.00	-20.79	-	6.91	-13.88	10
11a	2	5300	-40.36	0.00	-40.36	-	6.91	-33.45	10
11a	2	5320	-40.52	0.00	-40.52	-	6.91	-33.61	10
HT20	2	5260	-21.14	0.00	-21.14	-	6.91	-14.23	10
HT20	2	5300	-40.43	0.00	-40.43	-	6.91	-33.52	10
HT20	2	5320	-40.62	0.00	-40.62	-	6.91	-33.71	10
HT40	2	5270	-24.07	0.00	-24.07	-	6.91	-17.16	10
HT40	2	5310	-40.67	0.00	-40.67	-	6.91	-33.76	10

#### Note:

1. D.F is duty factor.
2. Test result is bin-by-bin summing measured value of each TX port.
3. Directional gain =  $3.9 + 10 * \log(2/1) = 6.91$  dBi





### 3.5 Transmitter Radiated and Band Edge Emissions

#### 3.5.1 Limit of Transmitter Radiated and Band Edge Emissions

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

**Note 1:**  
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

**Note 2:**  
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.850 GHz	a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges; b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges; c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

**Note 1:** Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

### 3.5.2 Test Procedures

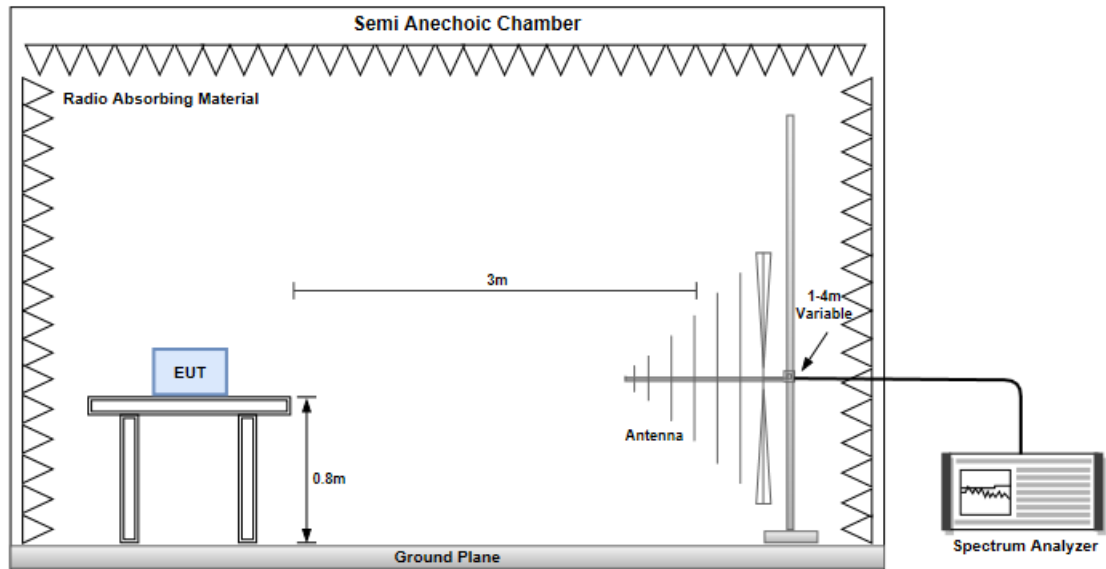
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of  $360^{\circ}$ . A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated  $360^{\circ}$ , the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

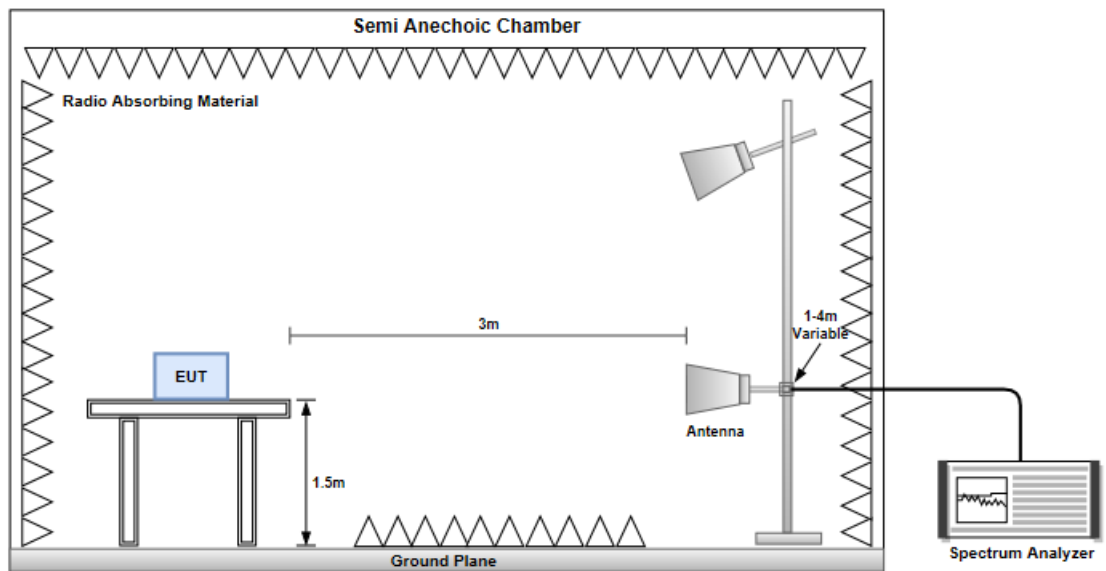
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

### 3.5.3 Test Setup

#### Radiated Emissions below 1 GHz



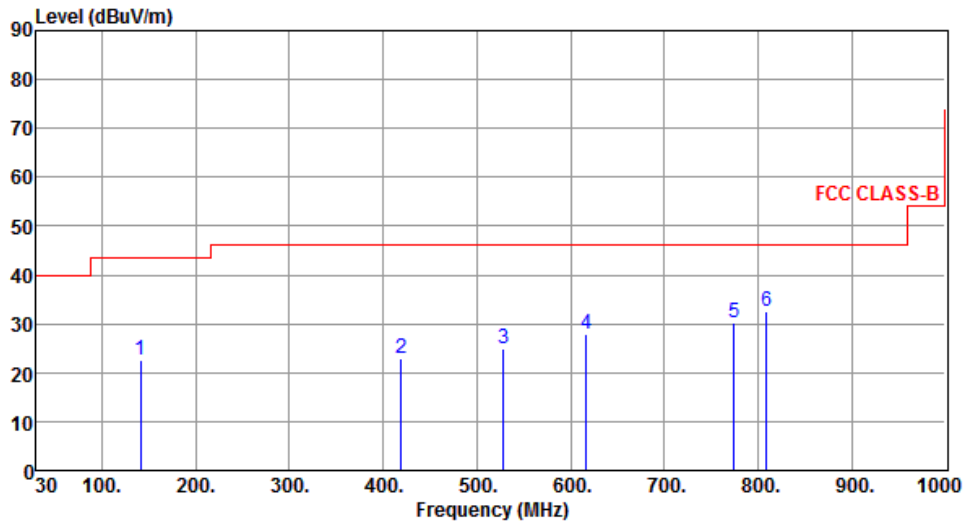
#### Radiated Emissions above 1 GHz



## Test Configuration 1: Dipole antenna

### 3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	1

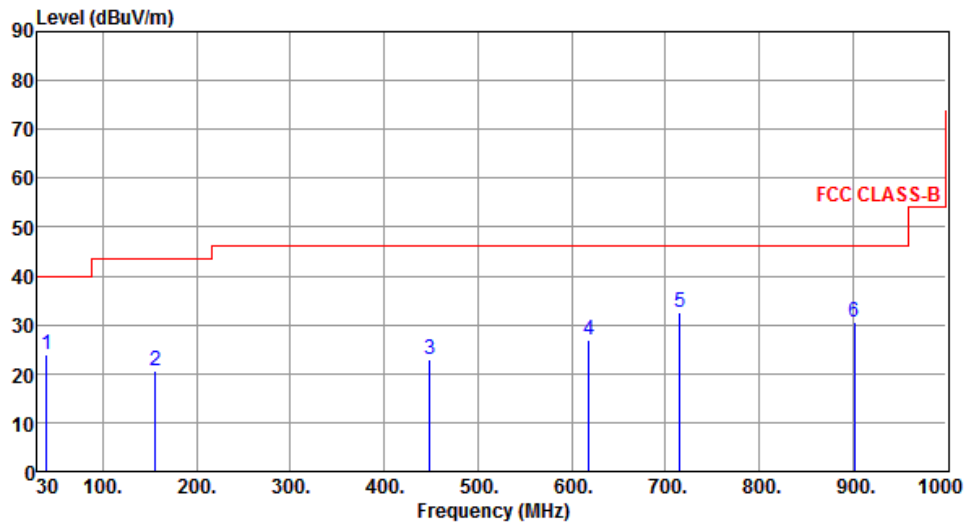
  


The graph displays the radiated unwanted emissions for a dipole antenna. The y-axis represents the level in dBuV/m, ranging from 0 to 90. The x-axis represents the frequency in MHz, ranging from 30 to 1000. A red line indicates the FCC CLASS-B limit, which is 40 dBuV/m from 30 to 100 MHz, 45 dBuV/m from 100 to 1000 MHz, and 55 dBuV/m from 1000 to 10000 MHz. Six measured peaks are labeled with numbers 1 through 6, corresponding to the data in the table below.

	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	141.43	22.43	43.50	-21.07	36.14	-13.71	Peak	---	---
2	418.87	22.96	46.00	-23.04	32.52	-9.56	Peak	---	---
3	528.43	24.78	46.00	-21.22	32.13	-7.35	Peak	---	---
4	616.75	27.96	46.00	-18.04	33.52	-5.56	Peak	---	---
5	774.84	30.30	46.00	-15.70	33.26	-2.96	Peak	---	---
6	808.78	32.66	46.00	-13.34	35.14	-2.48	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).  
 Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	39.62	23.75	40.00	-16.25	36.95	-13.20	Peak	---	---
2	156.15	20.55	43.50	-22.95	34.10	-13.55	Peak	---	---
3	449.08	22.82	46.00	-23.18	31.63	-8.81	Peak	---	---
4	618.73	26.96	46.00	-19.04	32.48	-5.52	Peak	---	---
5	715.73	32.62	46.00	-13.38	36.68	-4.06	Peak	---	---
6	902.08	30.54	46.00	-15.46	31.22	-0.68	Peak	---	---

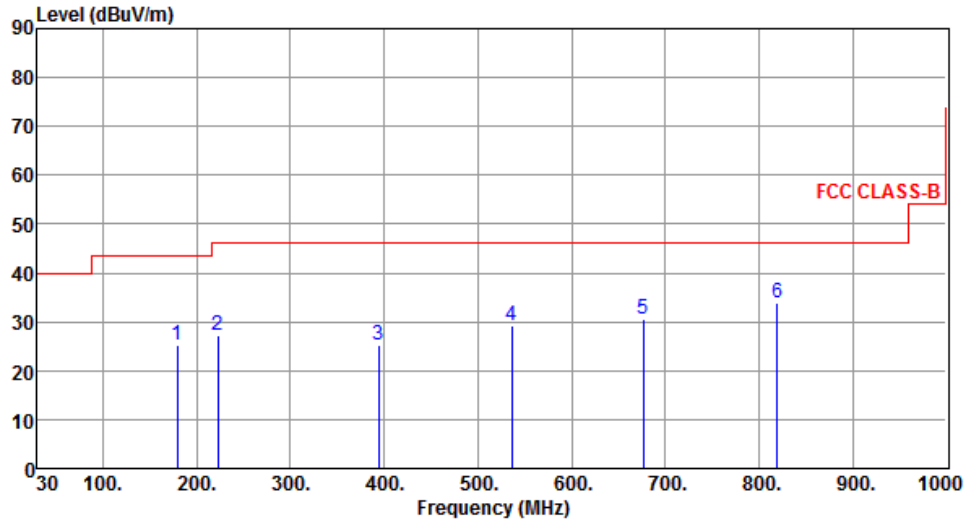
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	179.38	25.32	43.50	-18.18	34.77	-9.45	Peak	---	---
2	223.03	27.31	46.00	-18.69	37.76	-10.45	Peak	---	---
3	393.75	25.29	46.00	-20.71	30.44	-5.15	Peak	---	---
4	536.34	29.16	46.00	-16.84	31.38	-2.22	Peak	---	---
5	676.99	30.54	46.00	-15.46	30.14	0.40	Peak	---	---
6	819.58	33.79	46.00	-12.21	30.94	2.85	Peak	---	---

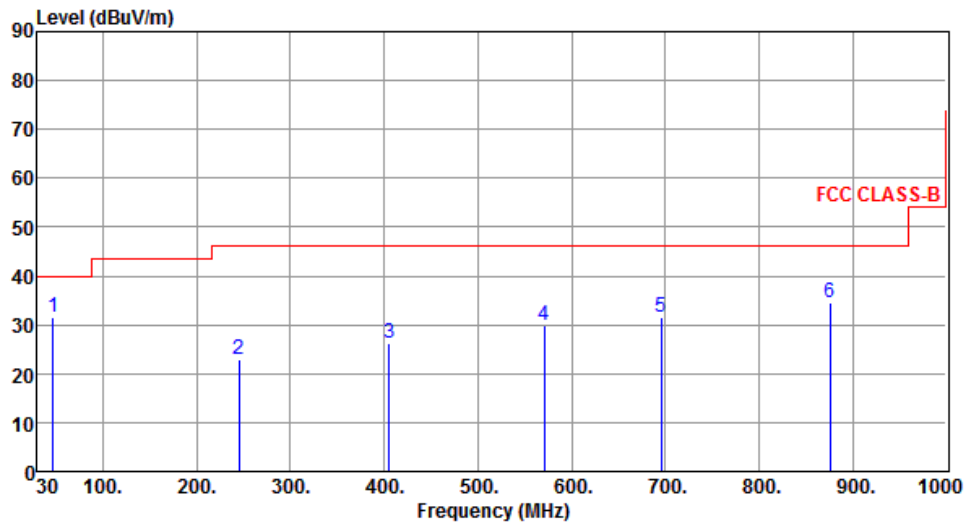
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	46.52	31.47	40.00	-8.53	39.51	-8.04	Peak	---	---
2	245.34	22.89	46.00	-23.11	32.06	-9.17	Peak	---	---
3	405.39	26.07	46.00	-19.93	30.90	-4.83	Peak	---	---
4	571.26	30.01	46.00	-15.99	31.38	-1.37	Peak	---	---
5	695.42	31.63	46.00	-14.37	30.95	0.68	Peak	---	---
6	875.84	34.49	46.00	-11.51	30.81	3.68	Peak	---	---

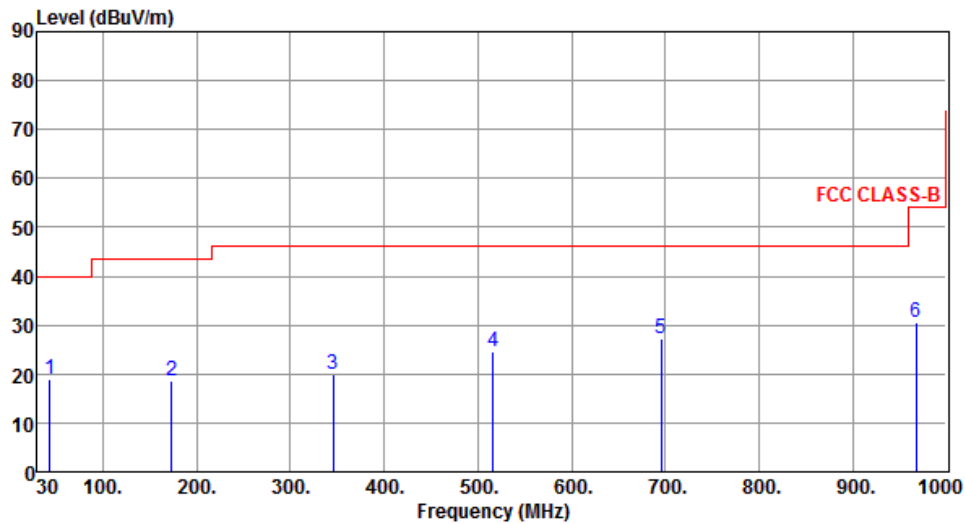
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	43.58	18.85	40.00	-21.15	31.77	-12.92	Peak	---	---
2	173.56	18.68	43.50	-24.82	33.20	-14.52	Peak	---	---
3	345.25	19.78	46.00	-26.22	31.38	-11.60	Peak	---	---
4	515.97	24.52	46.00	-21.48	31.99	-7.47	Peak	---	---
5	695.42	27.35	46.00	-18.65	31.84	-4.49	Peak	---	---
6	967.99	30.60	54.00	-23.40	30.30	0.30	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

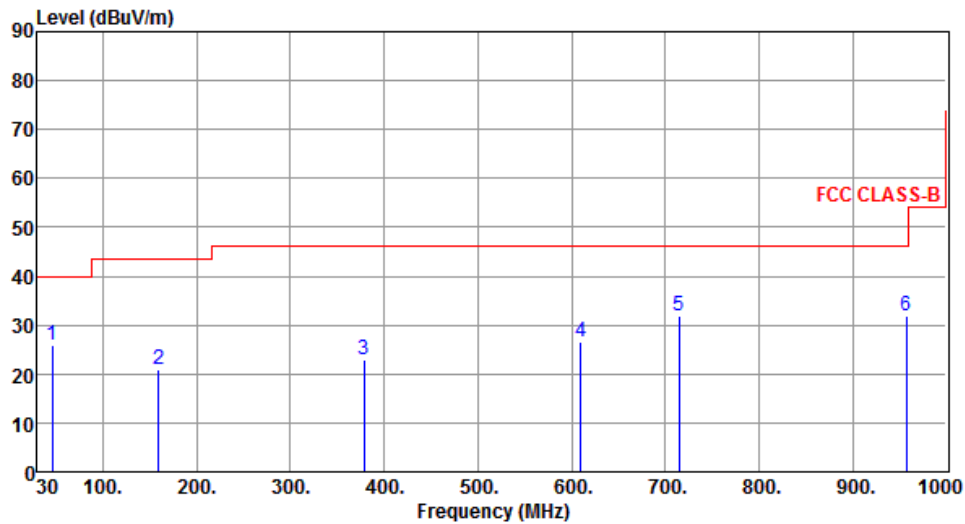
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	45.52	25.77	40.00	-14.23	38.61	-12.84	Peak	---	---
2	159.01	20.97	43.50	-22.53	34.57	-13.60	Peak	---	---
3	378.23	22.97	46.00	-23.03	33.63	-10.66	Peak	---	---
4	610.06	26.72	46.00	-19.28	32.38	-5.66	Peak	---	---
5	714.82	31.85	46.00	-14.15	35.93	-4.08	Peak	---	---
6	957.32	31.87	46.00	-14.13	31.64	0.23	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

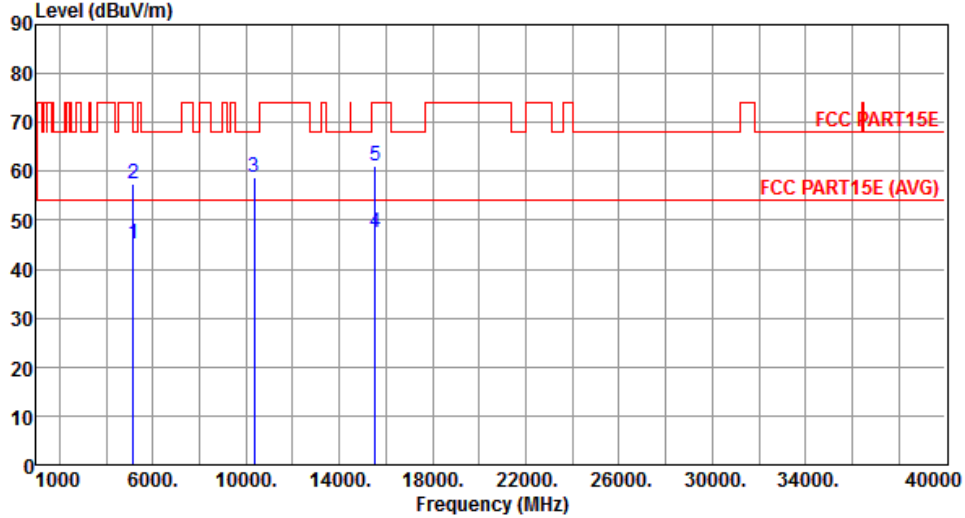
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

### 3.5.5 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11a

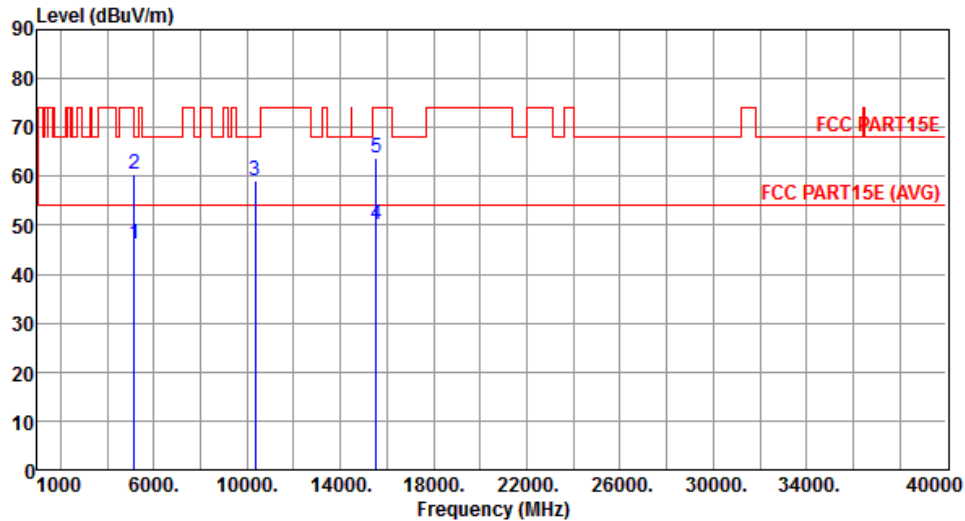
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	1

	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.22	54.00	-8.78	38.91	6.31	Average	351	322
2	5150.00	57.46	74.00	-16.54	51.15	6.31	Peak	351	322
3	10360.00	58.87	68.20	-9.33	42.53	16.34	Peak	156	148
4	15540.00	47.35	54.00	-6.65	29.85	17.50	Average	156	244
5	15540.00	61.04	74.00	-12.96	43.54	17.50	Peak	156	244

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	1



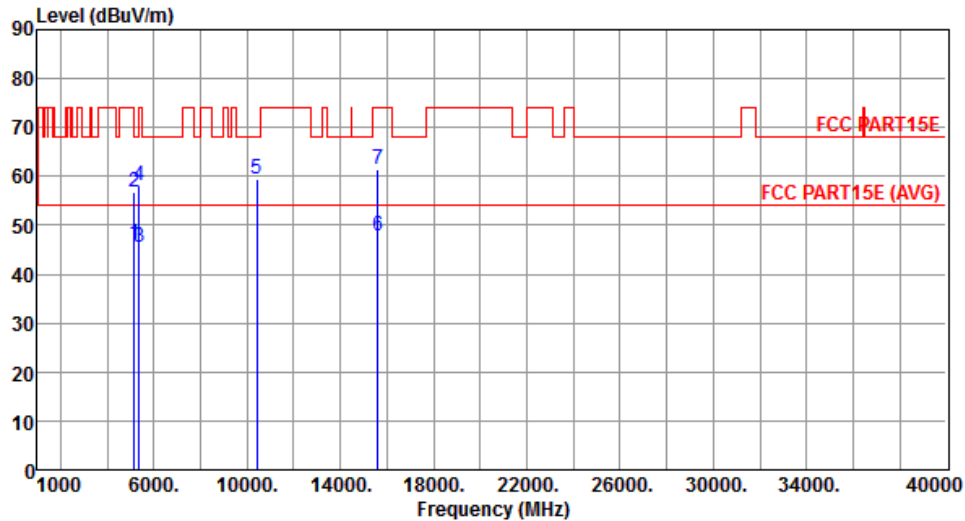
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.24	54.00	-7.76	39.93	6.31	Average	158	142
2	5150.00	60.33	74.00	-13.67	54.02	6.31	Peak	158	142
3	10360.00	59.25	68.20	-8.95	42.91	16.34	Peak	153	173
4	15540.00	50.04	54.00	-3.96	32.54	17.50	Average	174	174
5	15540.00	63.89	74.00	-10.11	46.39	17.50	Peak	174	174

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	1



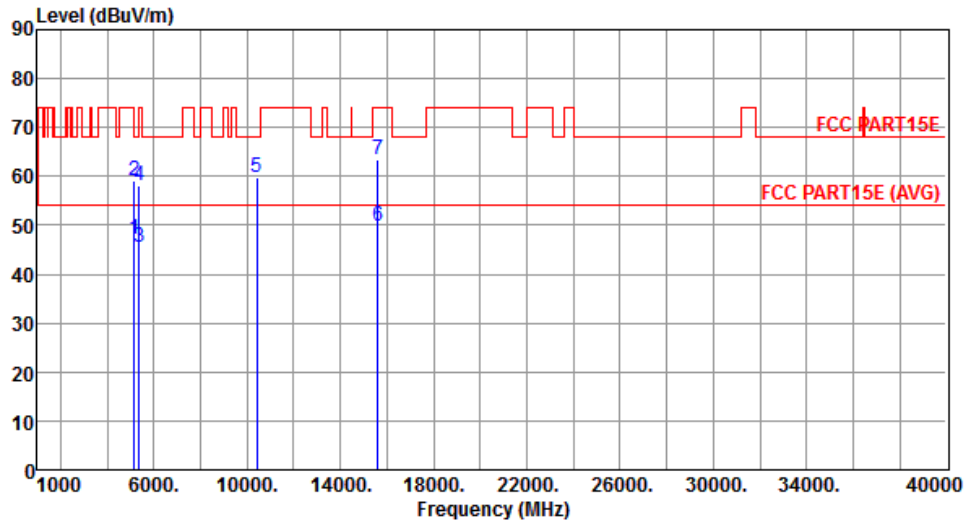
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.05	54.00	-7.95	39.74	6.31	Average	342	311
2	5150.00	56.82	74.00	-17.18	50.51	6.31	Peak	342	311
3	5350.00	45.35	54.00	-8.65	38.73	6.62	Average	358	327
4	5350.00	58.15	74.00	-15.85	51.53	6.62	Peak	358	327
5	10400.00	59.32	68.20	-8.88	42.90	16.42	Peak	152	161
6	15600.00	47.83	54.00	-6.17	30.45	17.38	Average	159	247
7	15600.00	61.35	74.00	-12.65	43.97	17.38	Peak	159	247

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	1



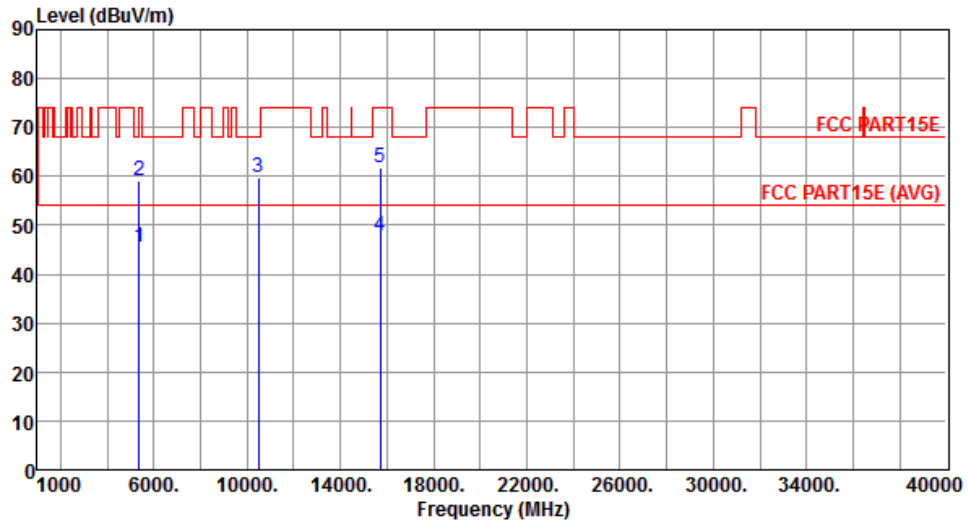
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.15	54.00	-6.85	40.84	6.31	Average	158	207
2	5150.00	59.22	74.00	-14.78	52.91	6.31	Peak	158	207
3	5350.00	45.63	54.00	-8.37	39.01	6.62	Average	158	207
4	5350.00	58.00	74.00	-16.00	51.38	6.62	Peak	158	207
5	10400.00	59.73	68.20	-8.47	43.31	16.42	Peak	153	155
6	15600.00	49.68	54.00	-4.32	32.30	17.38	Average	152	196
7	15600.00	63.43	74.00	-10.57	46.05	17.38	Peak	152	196

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	1



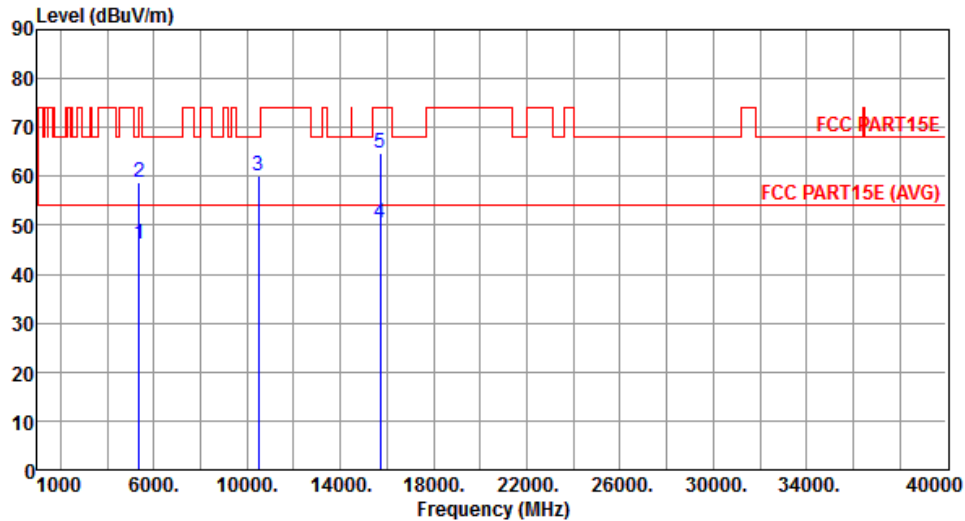
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.53	54.00	-8.47	38.91	6.62	Average	335	311
2	5350.00	59.02	74.00	-14.98	52.40	6.62	Peak	335	311
3	10480.00	59.73	68.20	-8.47	43.17	16.56	Peak	154	152
4	15720.00	47.79	54.00	-6.21	30.64	17.15	Average	148	243
5	15720.00	61.76	74.00	-12.24	44.61	17.15	Peak	148	243

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	1



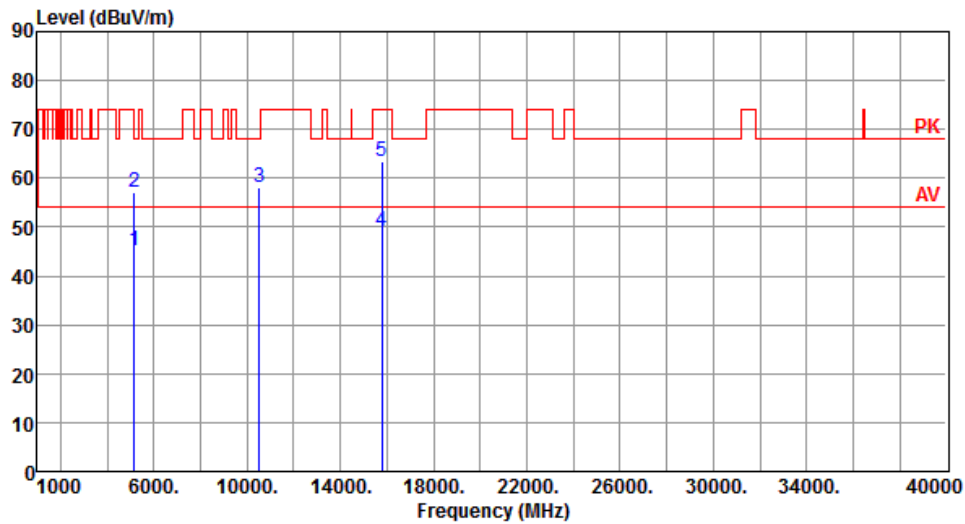
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.15	54.00	-7.85	39.53	6.62	Average	159	162
2	5350.00	58.77	74.00	-15.23	52.15	6.62	Peak	159	162
3	10480.00	60.27	68.20	-7.93	43.71	16.56	Peak	153	178
4	15720.00	50.56	54.00	-3.44	33.41	17.15	Average	150	192
5	15720.00	64.92	74.00	-9.08	47.77	17.15	Peak	152	191

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.01	54.00	-8.99	38.80	6.21	Average	149	230
2	5150.00	57.02	74.00	-16.98	50.81	6.21	Peak	149	230
3	10520.00	58.11	68.20	-10.09	42.23	15.88	Peak	150	153
4	15780.00	49.26	54.00	-4.74	33.35	15.91	Average	236	130
5	15780.00	63.59	74.00	-10.41	47.68	15.91	Peak	236	130

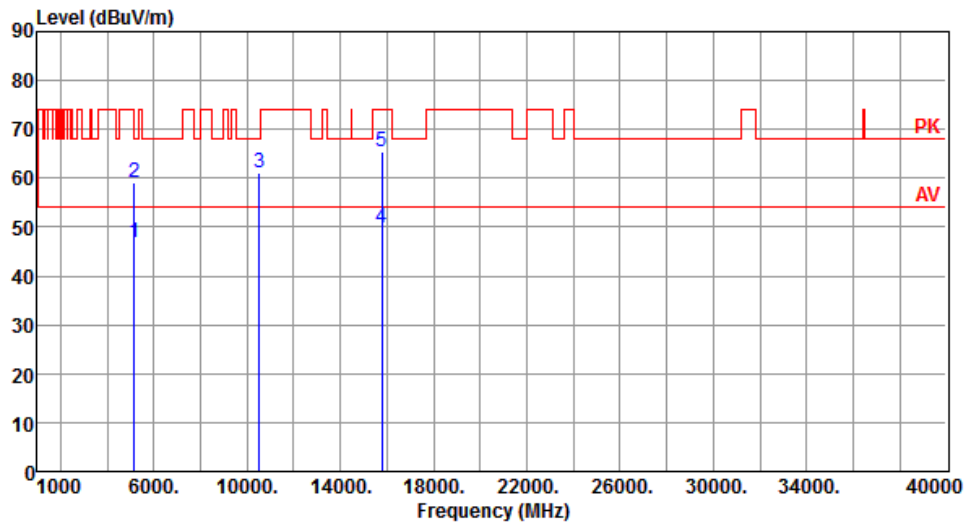
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	1



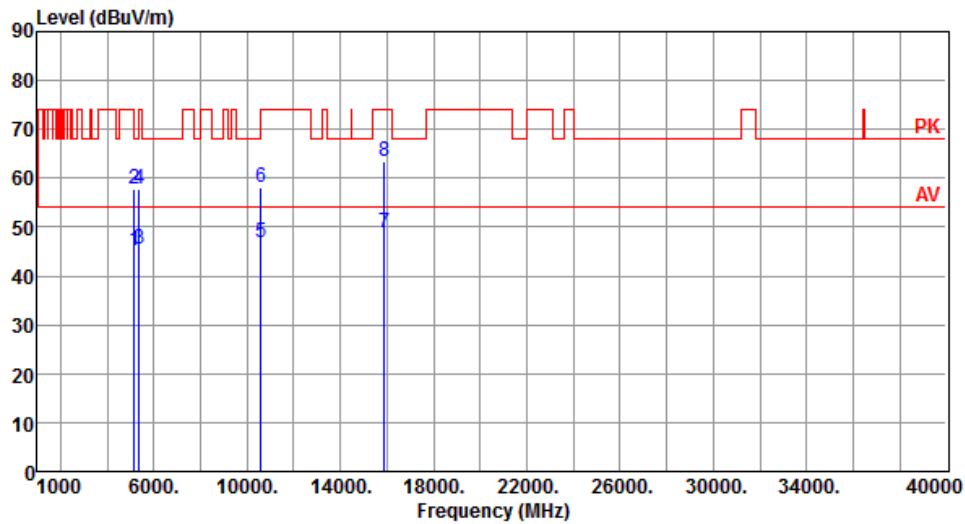
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.89	54.00	-7.11	40.68	6.21	Average	149	85
2	5150.00	58.97	74.00	-15.03	52.76	6.21	Peak	149	85
3	10520.00	61.23	68.20	-6.97	45.35	15.88	Peak	144	179
4	15780.00	49.85	54.00	-4.15	33.94	15.91	Average	151	191
5	15780.00	65.32	74.00	-8.68	49.41	15.91	Peak	151	191

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	1



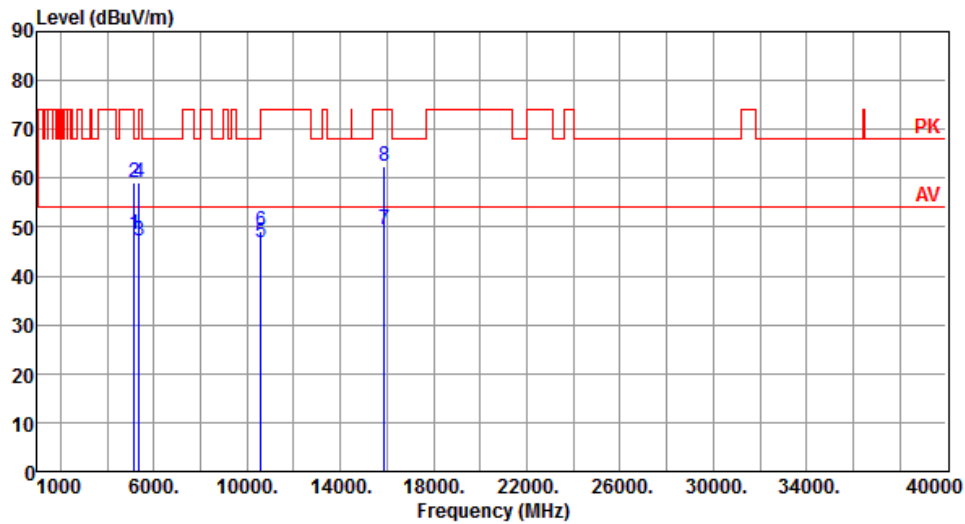
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.31	54.00	-8.69	39.10	6.21	Average	150	175
2	5150.00	57.69	74.00	-16.31	51.48	6.21	Peak	150	175
3	5350.00	45.36	54.00	-8.64	38.91	6.45	Average	150	175
4	5350.00	57.66	74.00	-16.34	51.21	6.45	Peak	150	175
5	10600.00	46.79	54.00	-7.21	30.80	15.99	Average	150	152
6	10600.00	58.26	74.00	-15.74	42.27	15.99	Peak	150	152
7	15900.00	48.95	54.00	-5.05	33.28	15.67	Average	240	123
8	15900.00	63.32	74.00	-10.68	47.65	15.67	Peak	240	123

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	1



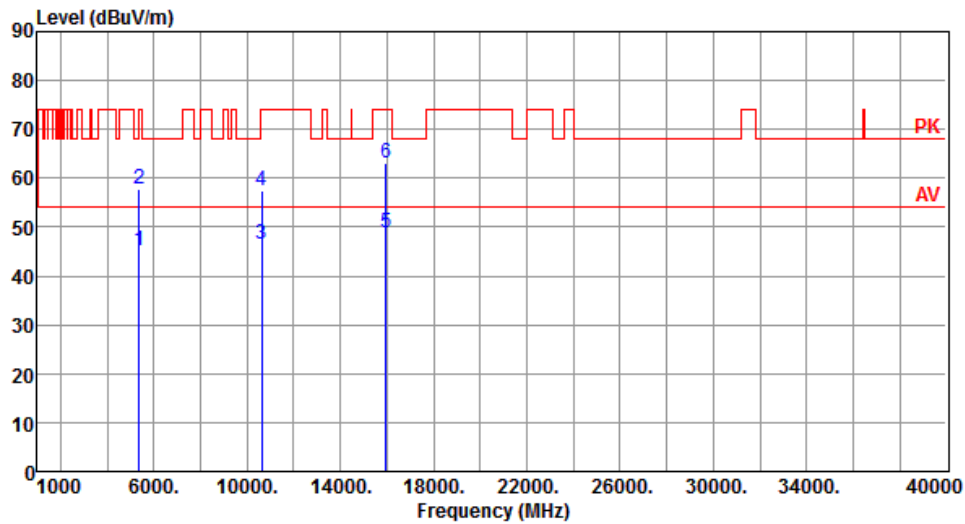
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.55	54.00	-5.45	42.34	6.21	Average	150	206
2	5150.00	59.21	74.00	-14.79	53.00	6.21	Peak	150	206
3	5350.00	47.15	54.00	-6.85	40.70	6.45	Average	150	206
4	5350.00	58.95	74.00	-15.05	52.50	6.45	Peak	150	206
5	10600.00	46.88	54.00	-7.12	30.89	15.99	Average	150	179
6	10600.00	49.31	74.00	-24.69	33.32	15.99	Peak	150	179
7	15900.00	49.41	54.00	-4.59	33.74	15.67	Average	150	177
8	15900.00	62.31	74.00	-11.69	46.64	15.67	Peak	150	177

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	1



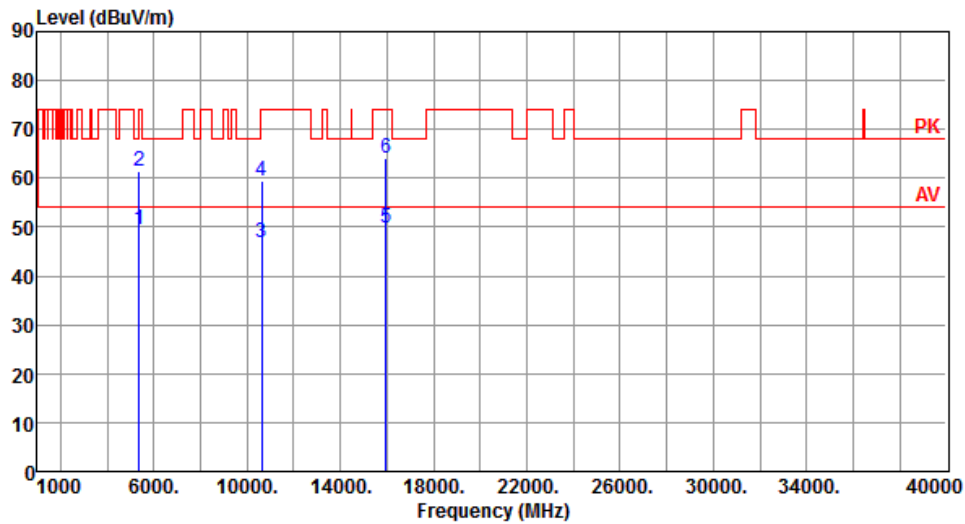
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.31	54.00	-8.69	38.86	6.45	Average	149	87
2	5350.00	57.69	74.00	-16.31	51.24	6.45	Peak	149	87
3	10640.00	46.39	54.00	-7.61	30.33	16.06	Average	152	163
4	10640.00	57.36	74.00	-16.64	41.30	16.06	Peak	152	163
5	15960.00	48.89	54.00	-5.11	33.34	15.55	Average	270	130
6	15960.00	63.22	74.00	-10.78	47.67	15.55	Peak	280	130

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	1



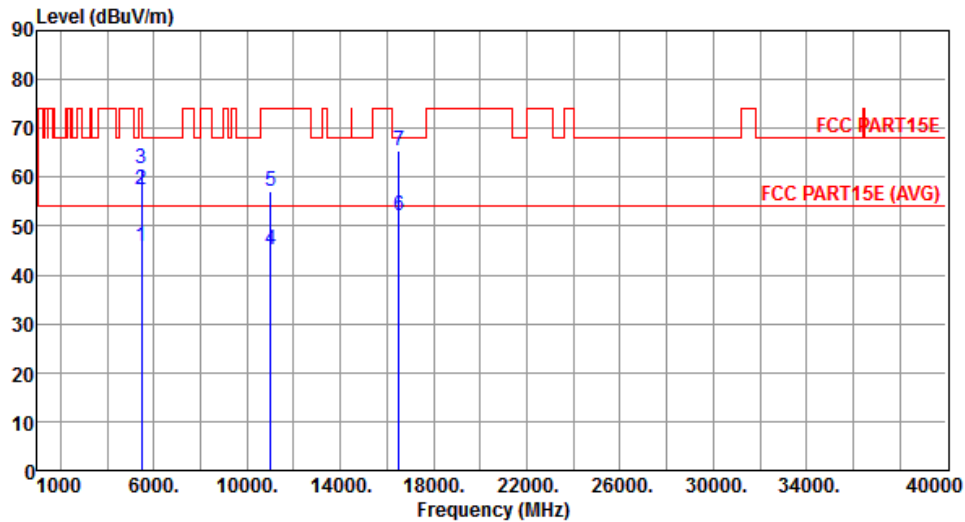
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.41	54.00	-4.59	42.96	6.45	Average	149	215
2	5350.00	61.55	74.00	-12.45	55.10	6.45	Peak	149	215
3	10640.00	46.87	54.00	-7.13	30.81	16.06	Average	149	173
4	10640.00	59.39	74.00	-14.61	43.33	16.06	Peak	149	173
5	15960.00	49.66	54.00	-4.34	34.11	15.55	Average	142	179
6	15960.00	63.99	74.00	-10.01	48.44	15.55	Peak	142	179

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal	Test Configuration	1



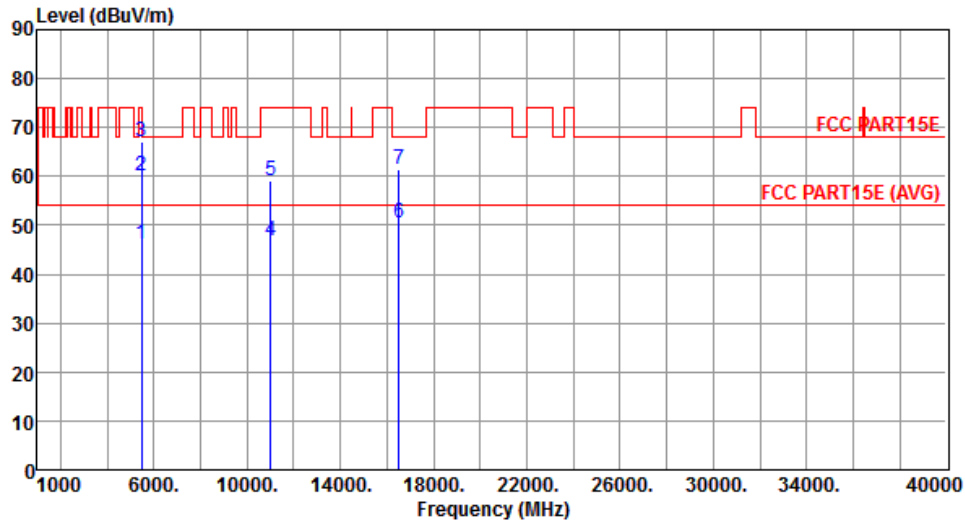
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.95	54.00	-8.05	39.19	6.76	Average	307	121
2	5460.00	57.55	74.00	-16.45	50.79	6.76	Peak	307	121
3	5470.00	61.84	68.20	-6.36	55.07	6.77	Peak	307	121
4	11000.00	45.22	54.00	-8.78	28.50	16.72	Average	260	122
5	11000.00	56.98	74.00	-17.02	40.26	16.72	Peak	260	122
6	16500.00	52.15	54.00	-1.85	34.28	17.87	Average	262	132
7	16500.00	65.52	68.20	-2.68	47.65	17.87	Peak	262	132

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	1



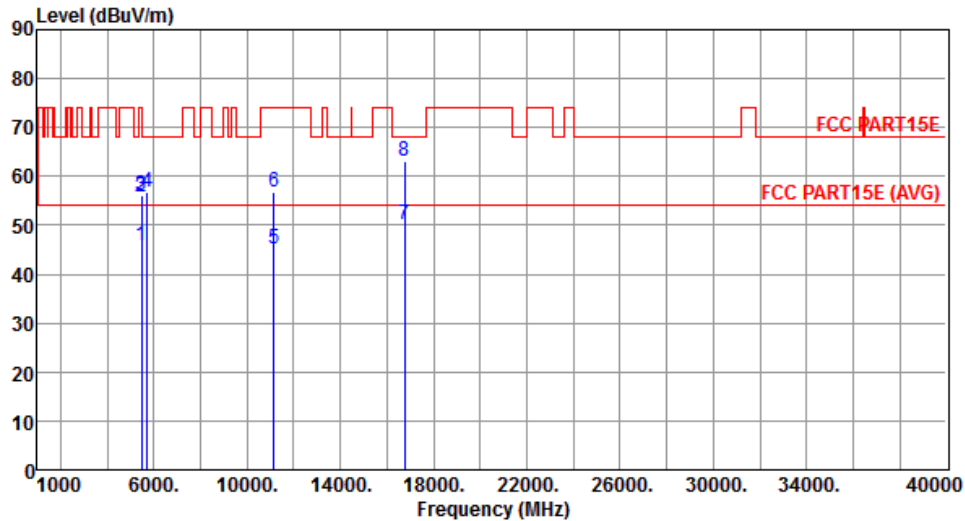
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.25	54.00	-7.75	39.49	6.76	Average	166	115
2	5460.00	60.19	74.00	-13.81	53.43	6.76	Peak	166	115
3	5470.00	66.99	68.20	-1.21	60.22	6.77	Peak	166	115
4	11000.00	46.98	54.00	-7.02	30.26	16.72	Average	269	181
5	11000.00	58.98	74.00	-15.02	42.26	16.72	Peak	269	181
6	16500.00	50.43	54.00	-3.57	32.56	17.87	Average	331	139
7	16500.00	61.42	68.20	-6.78	43.55	17.87	Peak	331	139

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.78	54.00	-8.22	39.02	6.76	Average	150	308
2	5460.00	55.84	74.00	-18.16	49.08	6.76	Peak	150	308
3	5470.00	56.08	68.20	-12.12	49.31	6.77	Peak	150	308
4	5725.00	56.69	68.20	-11.51	49.45	7.24	Peak	150	308
5	11160.00	45.32	54.00	-8.68	28.53	16.79	Average	271	62
6	11160.00	56.72	74.00	-17.28	39.93	16.79	Peak	271	62
7	16740.00	50.24	54.00	-3.76	31.84	18.40	Average	348	132
8	16740.00	62.99	68.20	-5.21	44.59	18.40	Peak	348	132

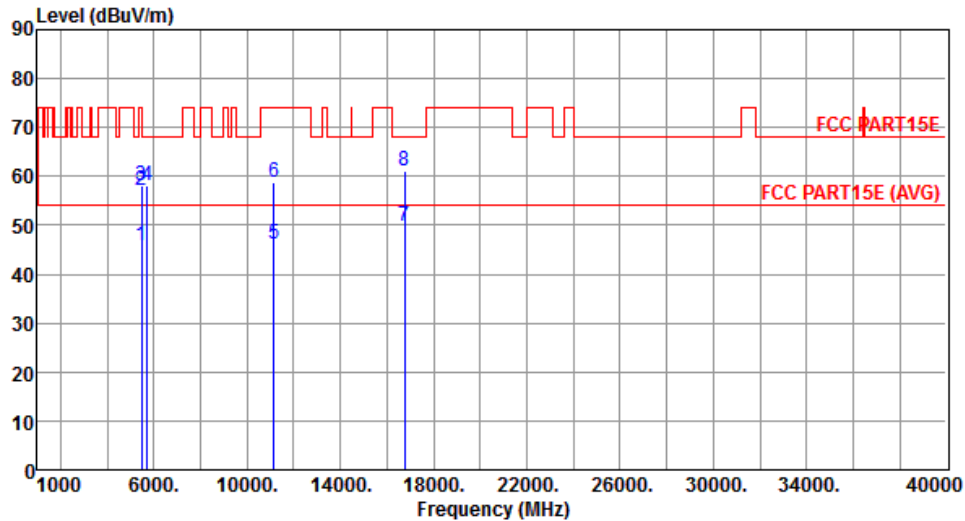
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	1



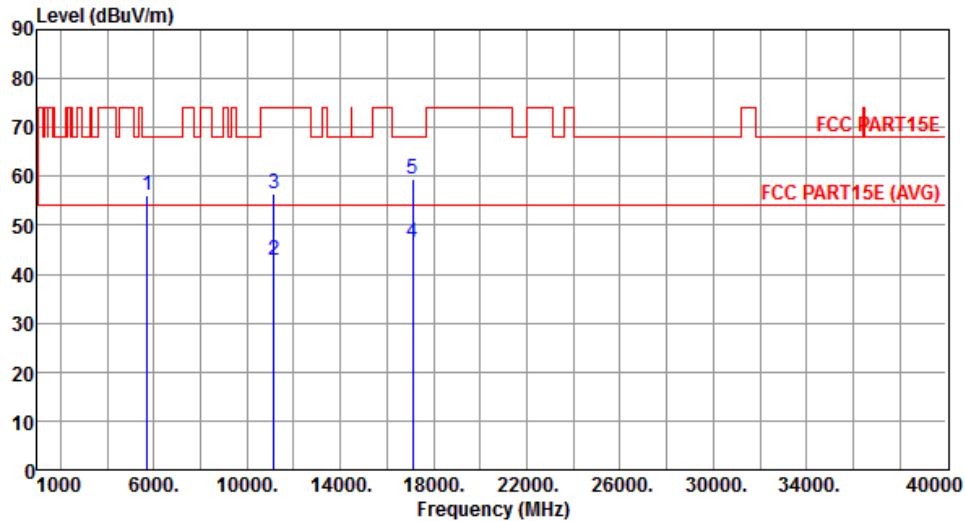
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.84	54.00	-8.16	39.08	6.76	Average	150	138
2	5470.00	57.01	68.20	-11.19	50.24	6.77	Peak	150	138
3	5470.00	58.02	68.20	-10.18	51.25	6.77	Peak	150	138
4	5725.00	58.07	68.20	-10.13	50.83	7.24	Peak	150	138
5	11160.00	46.26	54.00	-7.74	29.47	16.79	Average	315	309
6	11160.00	58.70	74.00	-15.30	41.91	16.79	Peak	315	309
7	16740.00	49.66	54.00	-4.34	31.26	18.40	Average	150	183
8	16740.00	61.16	68.20	-7.04	42.76	18.40	Peak	150	183

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	1



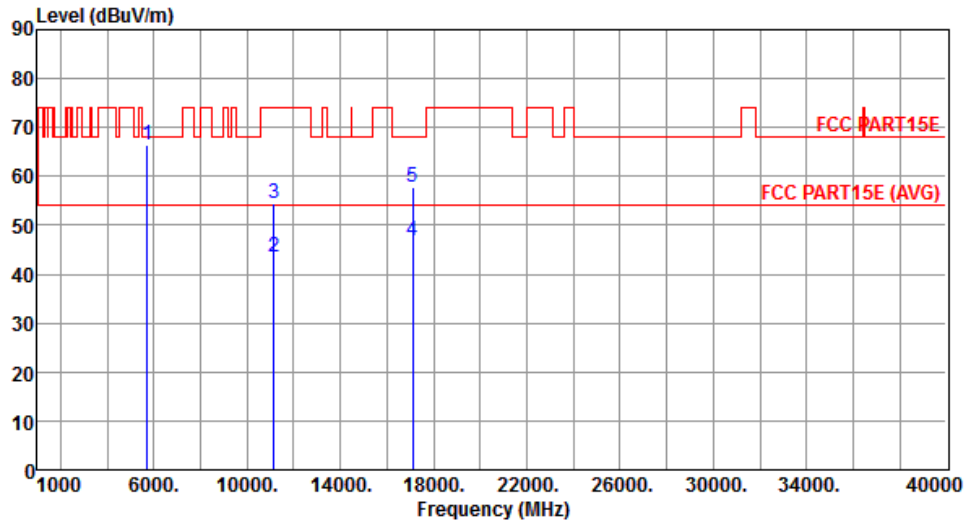
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	56.06	68.20	-12.14	48.82	7.24	Peak	150	305
2	11140.00	42.99	54.00	-11.01	26.22	16.77	Average	381	267
3	11140.00	56.34	74.00	-17.66	39.57	16.77	Peak	381	267
4	17100.00	46.56	54.00	-7.44	27.44	19.12	Average	150	154
5	17100.00	59.42	68.20	-8.78	40.30	19.12	Peak	150	154

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	1



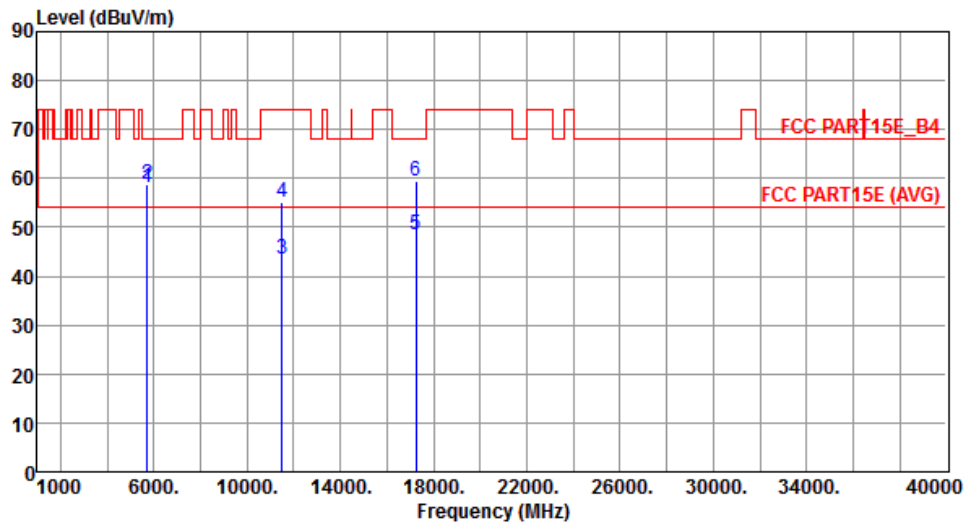
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	66.58	68.20	-1.62	59.34	7.24	Peak	159	134
2	11140.00	43.44	54.00	-10.56	26.67	16.77	Average	180	279
3	11140.00	54.52	74.00	-19.48	37.75	16.77	Peak	180	279
4	17100.00	46.77	54.00	-7.23	27.65	19.12	Average	150	265
5	17100.00	57.72	68.20	-10.48	38.60	19.12	Peak	150	265

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	1



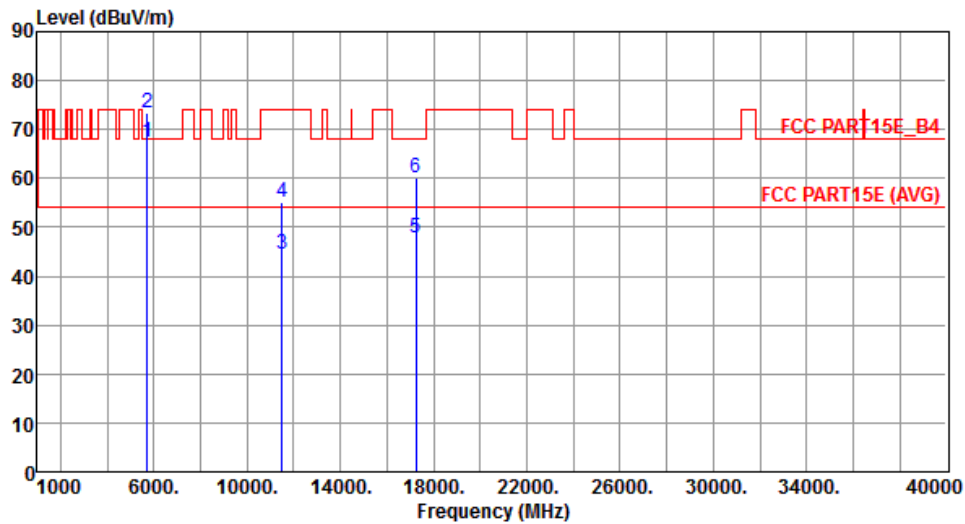
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.10	68.20	-10.10	50.90	7.20	Peak	150	311
2	5725.00	58.80	78.20	-19.40	51.56	7.24	Peak	150	311
3	11490.00	43.42	54.00	-10.58	26.51	16.91	Average	306	281
4	11490.00	55.28	74.00	-18.72	38.37	16.91	Peak	306	281
5	17235.00	48.58	54.00	-5.42	29.26	19.32	Average	347	126
6	17235.00	59.58	68.20	-8.62	40.26	19.32	Peak	347	126

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	1



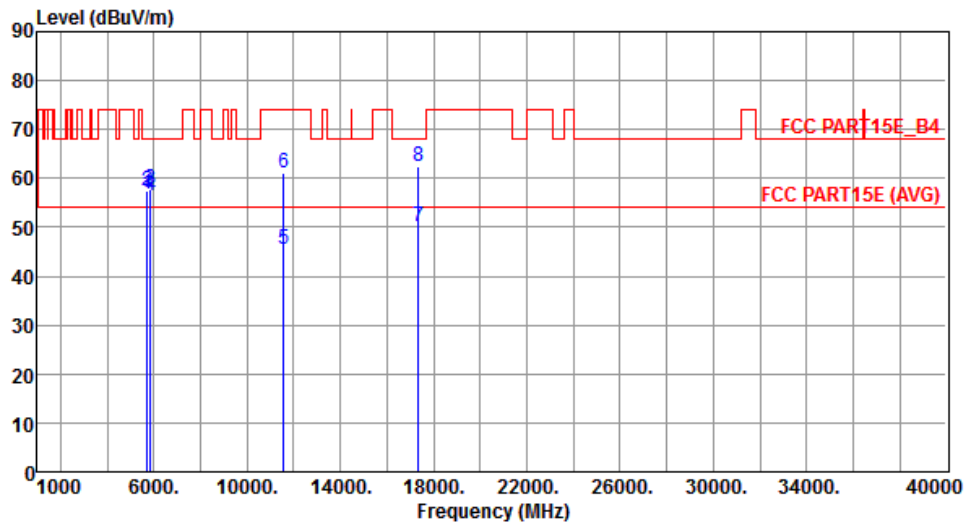
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	67.28	68.20	-0.92	60.08	7.20	Peak	150	147
2	5725.00	73.31	78.20	-4.89	66.07	7.24	Peak	150	147
3	11490.00	44.37	54.00	-9.63	27.46	16.91	Average	296	244
4	11490.00	55.18	74.00	-18.82	38.27	16.91	Peak	296	244
5	17235.00	47.67	54.00	-6.33	28.35	19.32	Average	326	155
6	17235.00	59.98	68.20	-8.22	40.66	19.32	Peak	326	155

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



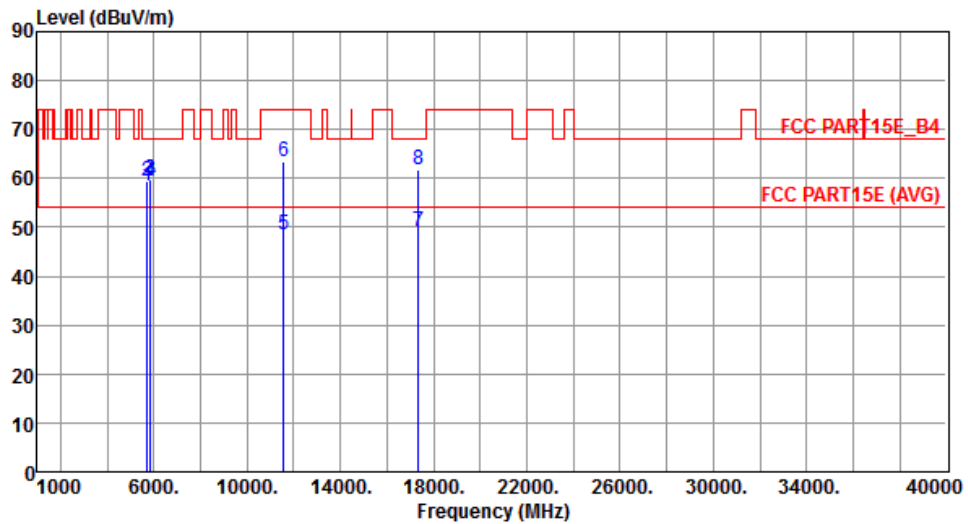
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	56.77	68.20	-11.43	49.57	7.20	Peak	386	125
2	5725.00	57.50	78.20	-20.70	50.26	7.24	Peak	386	125
3	5850.00	57.77	78.20	-20.43	50.27	7.50	Peak	386	125
4	5860.00	56.60	68.20	-11.60	49.09	7.51	Peak	386	125
5	11570.00	45.49	54.00	-8.51	28.69	16.80	Average	220	179
6	11570.00	61.15	74.00	-12.85	44.35	16.80	Peak	220	179
7	17355.00	50.08	54.00	-3.92	30.59	19.49	Average	234	133
8	17355.00	62.39	68.20	-5.81	42.90	19.49	Peak	234	133

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



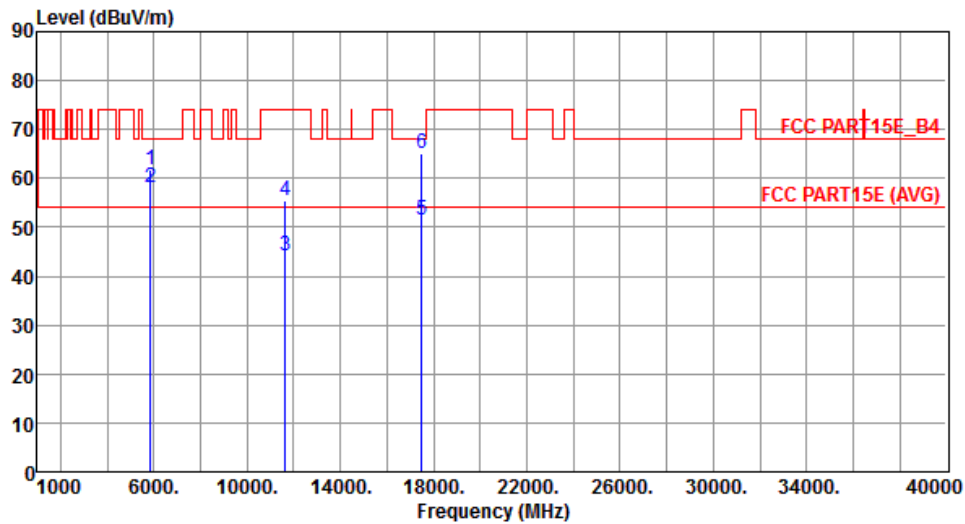
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.31	68.20	-9.89	51.11	7.20	Peak	150	135
2	5725.00	59.49	78.20	-18.71	52.25	7.24	Peak	150	135
3	5850.00	59.86	78.20	-18.34	52.36	7.50	Peak	150	135
4	5860.00	59.50	68.20	-8.70	51.99	7.51	Peak	150	135
5	11570.00	48.60	54.00	-5.40	31.80	16.80	Average	150	175
6	11570.00	63.60	74.00	-10.40	46.80	16.80	Peak	150	175
7	17355.00	49.08	54.00	-4.92	29.59	19.49	Average	328	150
8	17355.00	61.75	68.20	-6.45	42.26	19.49	Peak	328	150

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	61.82	78.20	-16.38	54.32	7.50	Peak	232	127
2	5860.00	58.11	68.20	-10.09	50.60	7.51	Peak	232	127
3	11650.00	44.21	54.00	-9.79	27.56	16.65	Average	307	129
4	11650.00	55.62	74.00	-18.38	38.97	16.65	Peak	307	129
5	17475.00	51.50	54.00	-2.50	31.84	19.66	Average	150	138
6	17475.00	65.04	68.20	-3.16	45.38	19.66	Peak	150	138

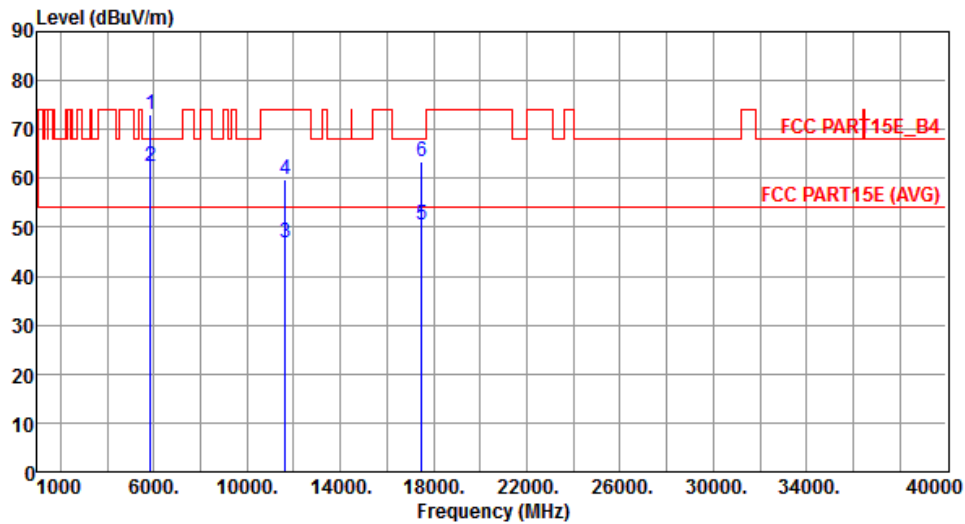
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	73.13	78.20	-5.07	65.63	7.50	Peak	150	137
2	5860.00	62.43	68.20	-5.77	54.92	7.51	Peak	150	137
3	11650.00	46.91	54.00	-7.09	30.26	16.65	Average	173	142
4	11650.00	59.90	74.00	-14.10	43.25	16.65	Peak	173	142
5	17475.00	50.37	54.00	-3.63	30.71	19.66	Average	150	320
6	17475.00	63.27	68.20	-4.93	43.61	19.66	Peak	150	320

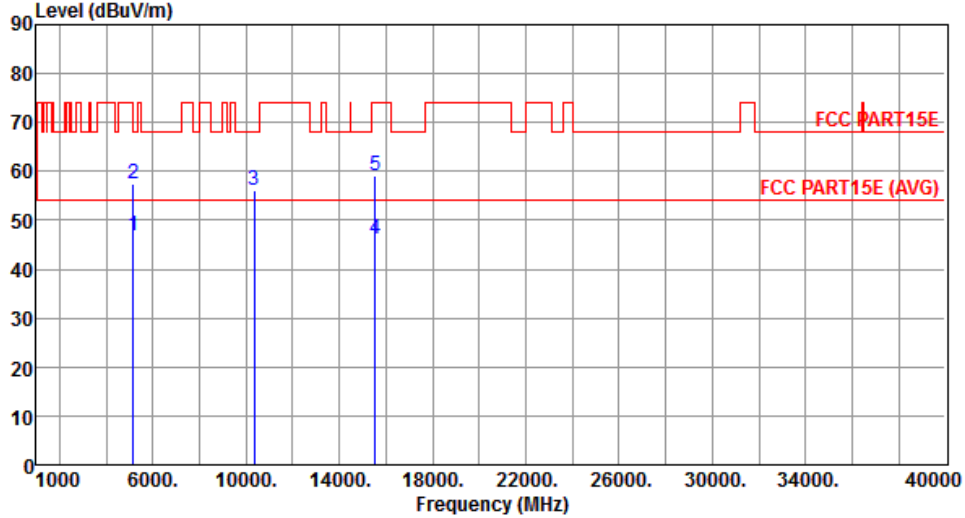
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

### 3.5.6 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT20

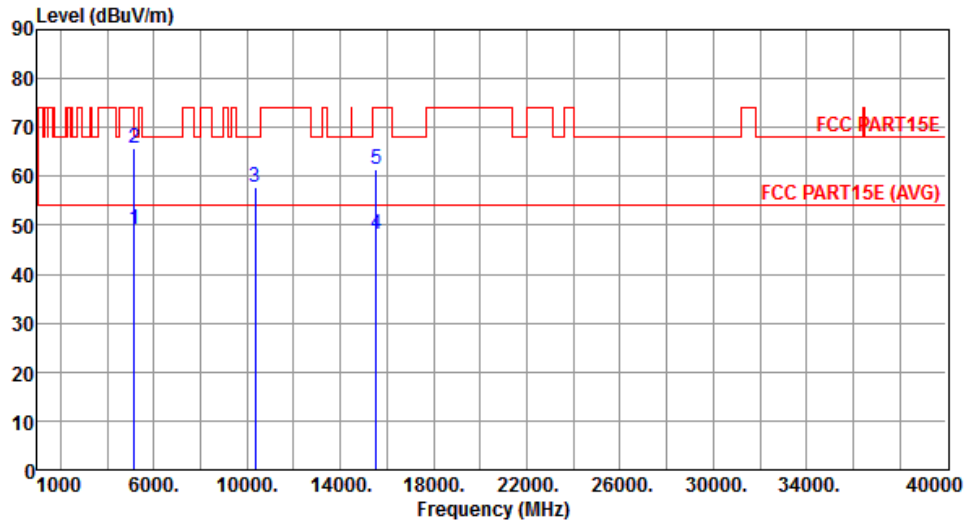
Modulation	HT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	1

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.68	54.00	-7.32	40.37	6.31	Average	183	136
2	5150.00	57.45	74.00	-16.55	51.14	6.31	Peak	183	136
3	10360.00	56.11	68.20	-12.09	39.77	16.34	Peak	173	244
4	15540.00	46.25	54.00	-7.75	28.75	17.50	Average	153	322
5	15540.00	59.11	74.00	-14.89	41.61	17.50	Peak	153	322

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	1



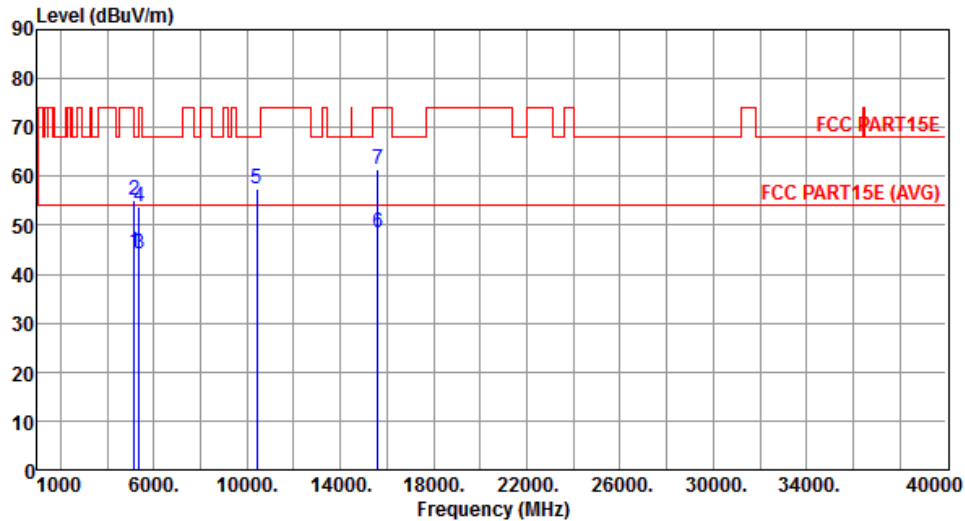
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.15	54.00	-4.85	42.84	6.31	Average	158	76
2	5150.00	65.86	74.00	-8.14	59.55	6.31	Peak	158	76
3	10360.00	57.63	68.20	-10.57	41.29	16.34	Peak	155	264
4	15540.00	48.05	54.00	-5.95	30.55	17.50	Average	152	182
5	15540.00	61.43	74.00	-12.57	43.93	17.50	Peak	152	182

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	1



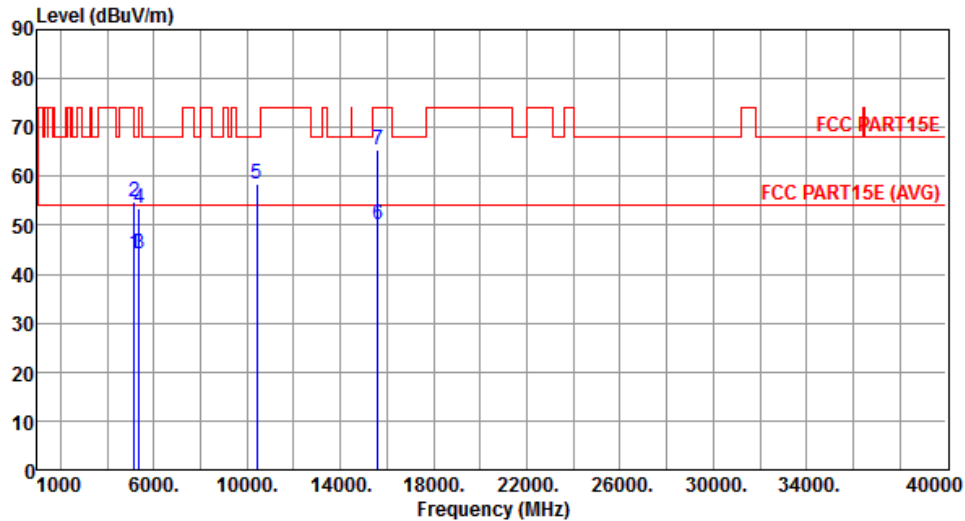
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.56	54.00	-9.44	38.25	6.31	Average	213	136
2	5150.00	55.05	74.00	-18.95	48.74	6.31	Peak	213	136
3	5350.00	44.12	54.00	-9.88	37.50	6.62	Average	213	136
4	5350.00	53.76	74.00	-20.24	47.14	6.62	Peak	213	136
5	10400.00	57.56	68.20	-10.64	41.14	16.42	Peak	171	269
6	15600.00	48.65	54.00	-5.35	31.27	17.38	Average	173	132
7	15600.00	61.54	74.00	-12.46	44.16	17.38	Peak	173	132

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	1



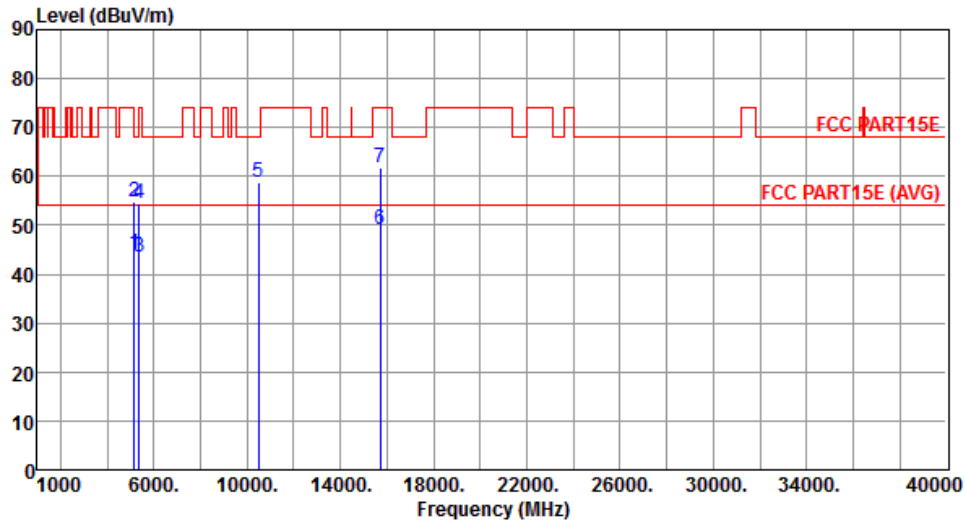
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.15	54.00	-9.85	37.84	6.31	Average	158	163
2	5150.00	54.76	74.00	-19.24	48.45	6.31	Peak	158	163
3	5350.00	44.24	54.00	-9.76	37.62	6.62	Average	158	163
4	5350.00	53.62	74.00	-20.38	47.00	6.62	Peak	158	163
5	10400.00	58.44	68.20	-9.76	42.02	16.42	Peak	225	134
6	15600.00	50.12	54.00	-3.88	32.74	17.38	Average	151	189
7	15600.00	65.35	74.00	-8.65	47.97	17.38	Peak	151	189

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	1



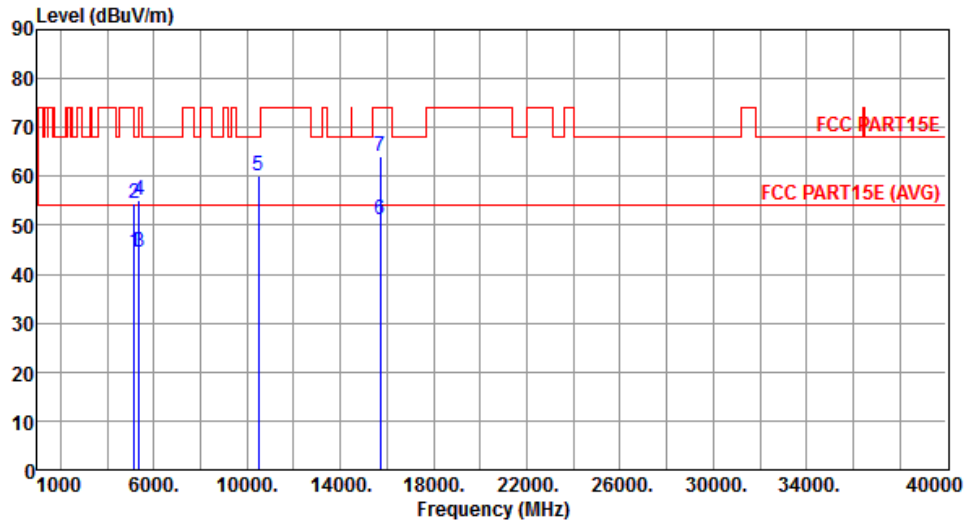
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.02	54.00	-9.98	37.71	6.31	Average	211	125
2	5150.00	54.73	74.00	-19.27	48.42	6.31	Peak	211	125
3	5350.00	43.58	54.00	-10.42	36.96	6.62	Average	211	125
4	5350.00	54.38	74.00	-19.62	47.76	6.62	Peak	211	125
5	10480.00	58.78	68.20	-9.42	42.22	16.56	Peak	277	249
6	15720.00	49.25	54.00	-4.75	32.10	17.15	Average	183	136
7	15720.00	61.72	74.00	-12.28	44.57	17.15	Peak	183	136

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	1



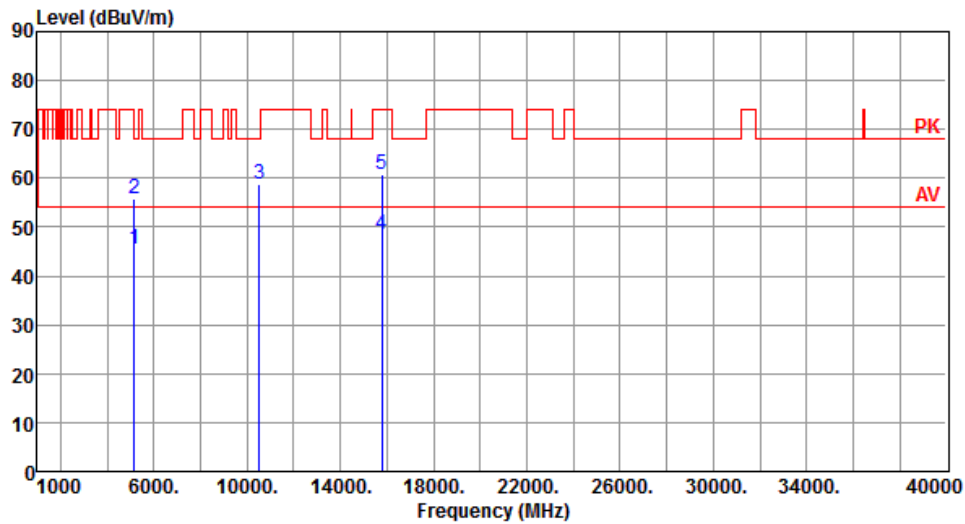
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.52	54.00	-9.48	38.21	6.31	Average	153	129
2	5150.00	54.43	74.00	-19.57	48.12	6.31	Peak	153	129
3	5350.00	44.46	54.00	-9.54	37.84	6.62	Average	153	129
4	5350.00	55.02	74.00	-18.98	48.40	6.62	Peak	153	129
5	10480.00	60.11	68.20	-8.09	43.55	16.56	Peak	378	216
6	15720.00	51.26	54.00	-2.74	34.11	17.15	Average	155	184
7	15720.00	64.09	74.00	-9.91	46.94	17.15	Peak	155	184

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.36	54.00	-8.64	39.15	6.21	Average	149	88
2	5150.00	55.78	74.00	-18.22	49.57	6.21	Peak	149	88
3	10520.00	58.65	68.20	-9.55	42.77	15.88	Peak	220	191
4	15780.00	48.41	54.00	-5.59	32.50	15.91	Average	188	130
5	15780.00	60.69	74.00	-13.31	44.78	15.91	Peak	188	130

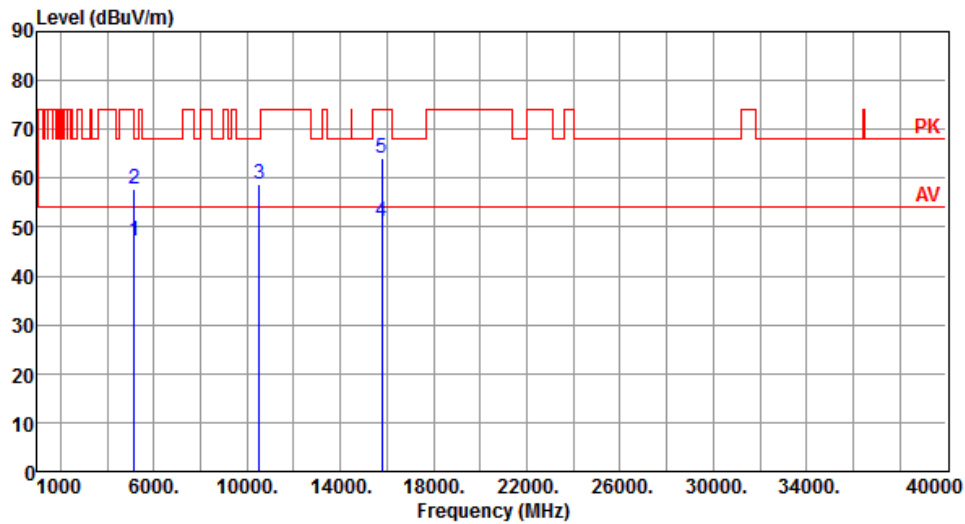
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	HT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	1



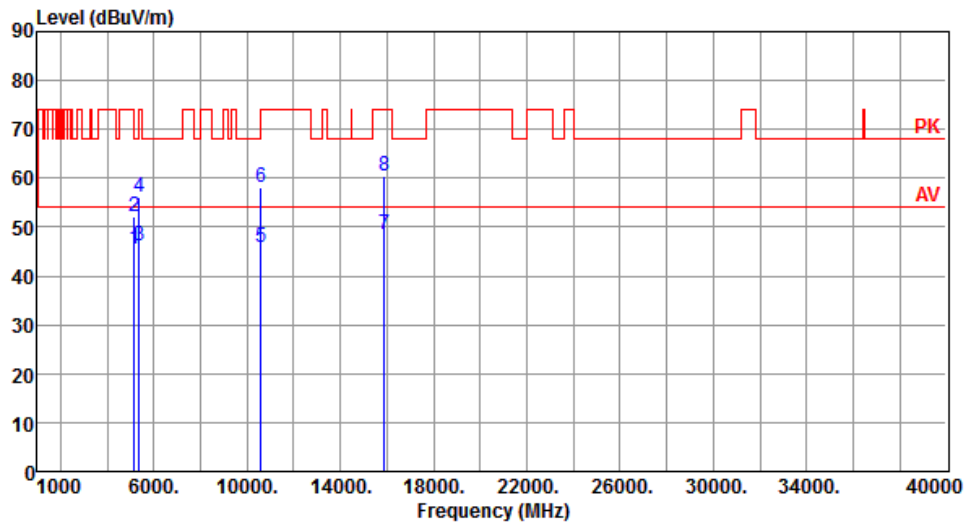
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.16	54.00	-6.84	40.95	6.21	Average	149	195
2	5150.00	57.69	74.00	-16.31	51.48	6.21	Peak	149	195
3	10520.00	58.69	68.20	-9.51	42.81	15.88	Peak	368	201
4	15780.00	51.02	54.00	-2.98	35.11	15.91	Average	160	179
5	15780.00	64.21	74.00	-9.79	48.30	15.91	Peak	160	179

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	1



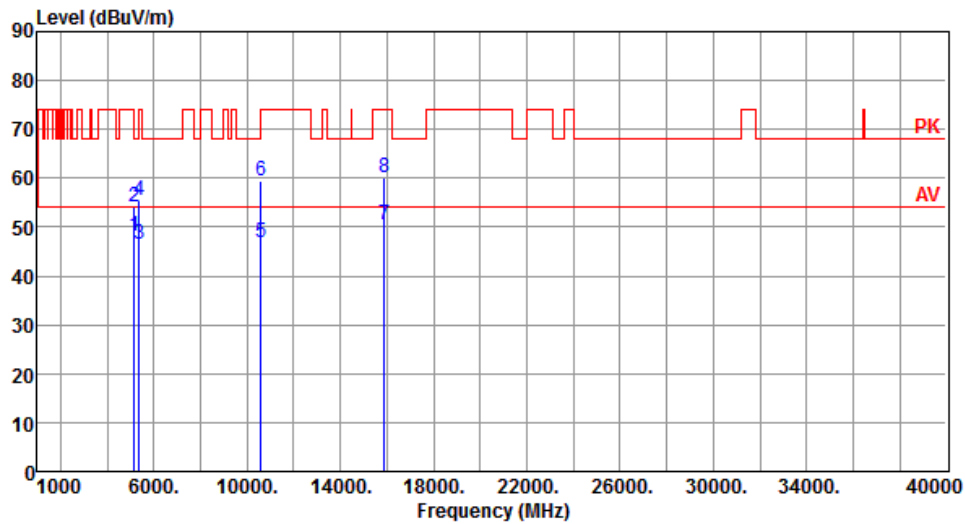
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.36	54.00	-8.64	39.15	6.21	Average	153	94
2	5150.00	52.19	74.00	-21.81	45.98	6.21	Peak	153	94
3	5350.00	46.19	54.00	-7.81	39.74	6.45	Average	153	94
4	5350.00	56.24	74.00	-17.76	49.79	6.45	Peak	153	94
5	10600.00	45.88	54.00	-8.12	29.89	15.99	Average	202	226
6	10600.00	57.98	74.00	-16.02	41.99	15.99	Peak	202	226
7	15900.00	48.36	54.00	-5.64	32.69	15.67	Average	149	136
8	15900.00	60.39	74.00	-13.61	44.72	15.67	Peak	149	136

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	1



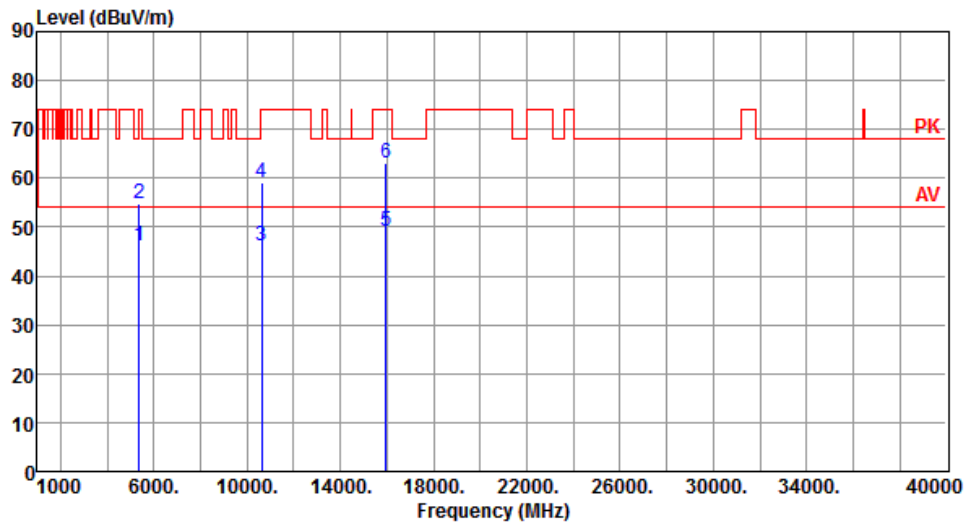
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.26	54.00	-5.74	42.05	6.21	Average	149	203
2	5150.00	54.03	74.00	-19.97	47.82	6.21	Peak	149	203
3	5350.00	46.47	54.00	-7.53	40.02	6.45	Average	149	203
4	5350.00	55.31	74.00	-18.69	48.86	6.45	Peak	149	203
5	10600.00	46.98	54.00	-7.02	30.99	15.99	Average	365	192
6	10600.00	59.37	74.00	-14.63	43.38	15.99	Peak	365	192
7	15900.00	50.38	54.00	-3.62	34.71	15.67	Average	162	179
8	15900.00	60.03	74.00	-13.97	44.36	15.67	Peak	162	179

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	1



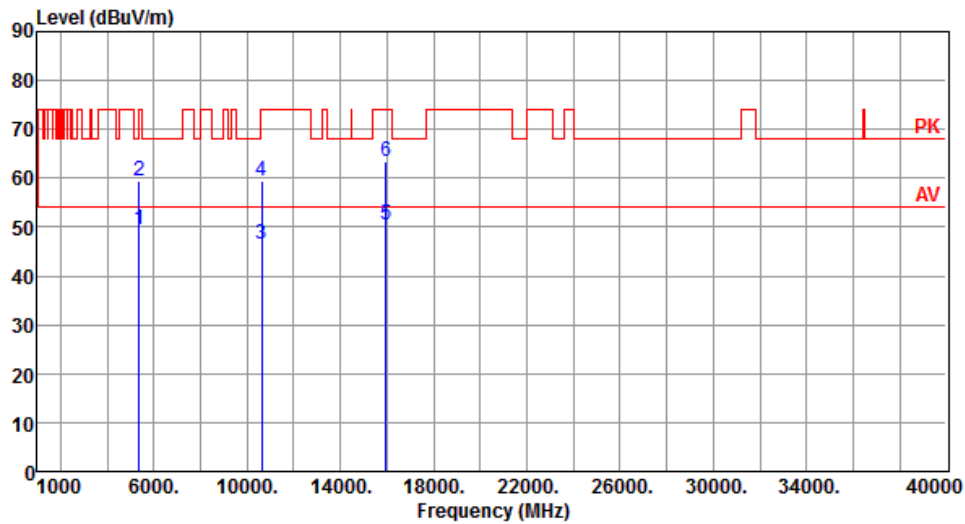
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.13	54.00	-7.87	39.68	6.45	Average	149	90
2	5350.00	54.68	74.00	-19.32	48.23	6.45	Peak	149	90
3	10640.00	46.02	54.00	-7.98	29.96	16.06	Average	200	175
4	10640.00	58.97	74.00	-15.03	42.91	16.06	Peak	200	175
5	15960.00	49.26	54.00	-4.74	33.71	15.55	Average	253	176
6	15960.00	63.24	74.00	-10.76	47.69	15.55	Peak	253	176

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	1



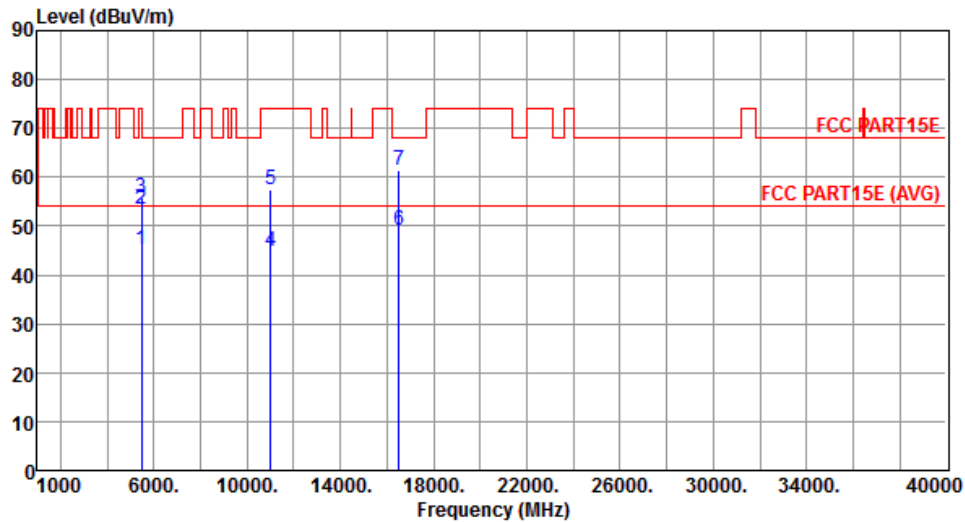
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.48	54.00	-4.52	43.03	6.45	Average	148	150
2	5350.00	59.31	74.00	-14.69	52.86	6.45	Peak	148	150
3	10640.00	46.56	54.00	-7.44	30.50	16.06	Average	360	175
4	10640.00	59.39	74.00	-14.61	43.33	16.06	Peak	306	175
5	15960.00	50.46	54.00	-3.54	34.91	15.55	Average	150	182
6	15960.00	63.46	74.00	-10.54	47.91	15.55	Peak	150	182

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5500
Polarization	Horizontal	Test Configuration	1



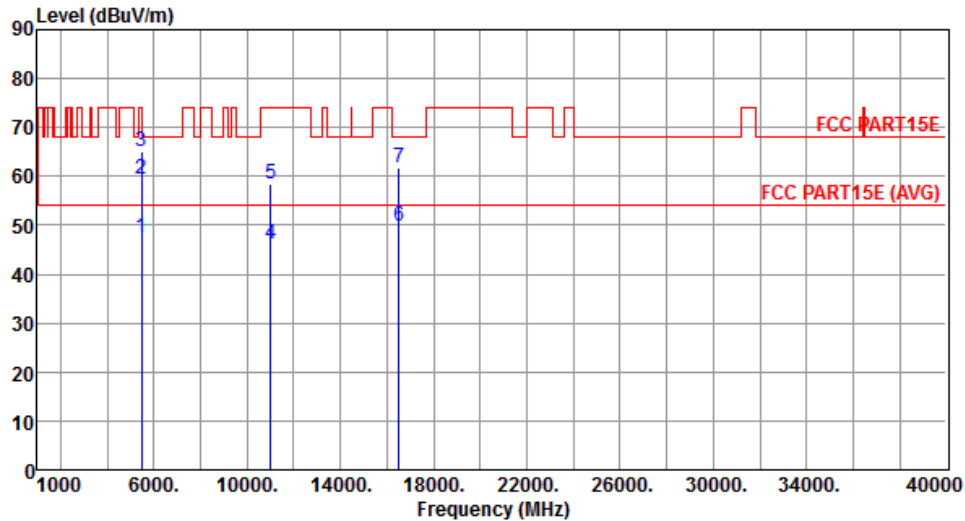
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.01	54.00	-8.99	38.25	6.76	Average	237	287
2	5460.00	53.43	74.00	-20.57	46.67	6.76	Peak	237	287
3	5470.00	55.71	68.20	-12.49	48.94	6.77	Peak	237	287
4	11000.00	44.76	54.00	-9.24	28.04	16.72	Average	230	198
5	11000.00	57.32	74.00	-16.68	40.60	16.72	Peak	230	198
6	16500.00	49.13	54.00	-4.87	31.26	17.87	Average	150	130
7	16500.00	61.57	68.20	-6.63	43.70	17.87	Peak	150	130

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	1



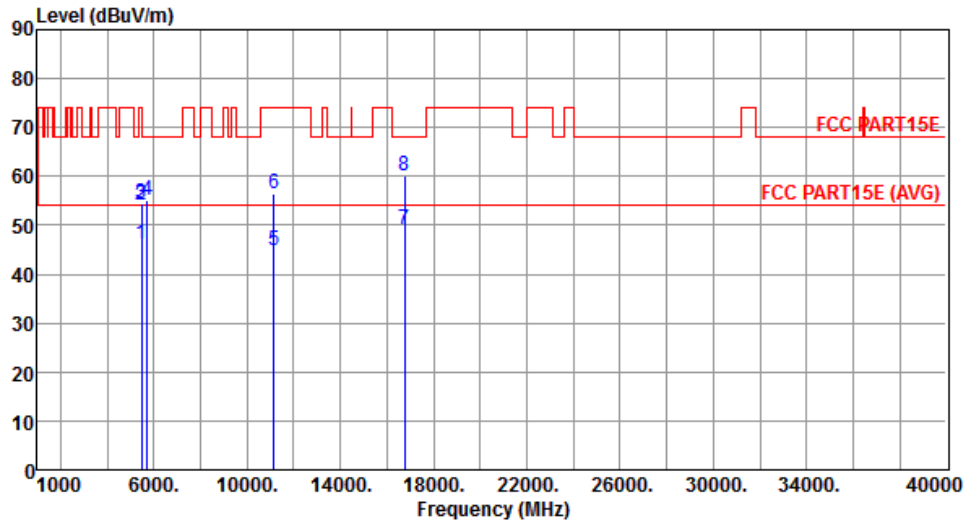
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.35	54.00	-6.65	40.59	6.76	Average	150	200
2	5460.00	59.34	74.00	-14.66	52.58	6.76	Peak	150	200
3	5470.00	65.06	68.20	-3.14	58.29	6.77	Peak	150	200
4	11000.00	46.01	54.00	-7.99	29.29	16.72	Average	361	192
5	11000.00	58.49	74.00	-15.51	41.77	16.72	Peak	361	192
6	16500.00	49.77	54.00	-4.23	31.90	17.87	Average	154	185
7	16500.00	61.87	68.20	-6.33	44.00	17.87	Peak	154	185

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.01	54.00	-7.99	39.25	6.76	Average	216	175
2	5460.00	54.01	74.00	-19.99	47.25	6.76	Peak	216	175
3	5470.00	54.51	68.20	-13.69	47.74	6.77	Peak	216	175
4	5725.00	55.02	68.20	-13.18	47.78	7.24	Peak	216	175
5	11160.00	44.81	54.00	-9.19	28.02	16.79	Average	214	128
6	11160.00	56.55	74.00	-17.45	39.76	16.79	Peak	214	128
7	16740.00	49.16	54.00	-4.84	30.76	18.40	Average	220	130
8	16740.00	60.22	68.20	-7.98	41.82	18.40	Peak	220	130

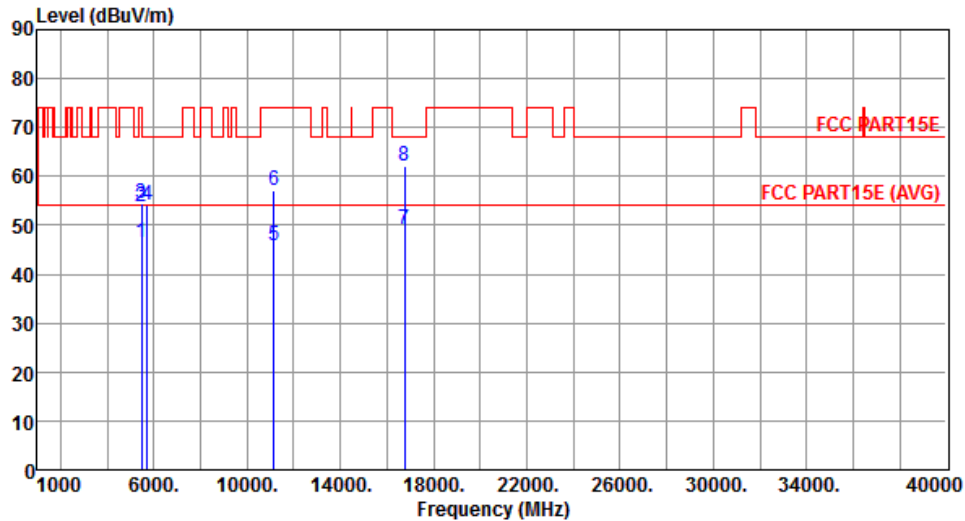
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT20	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	1



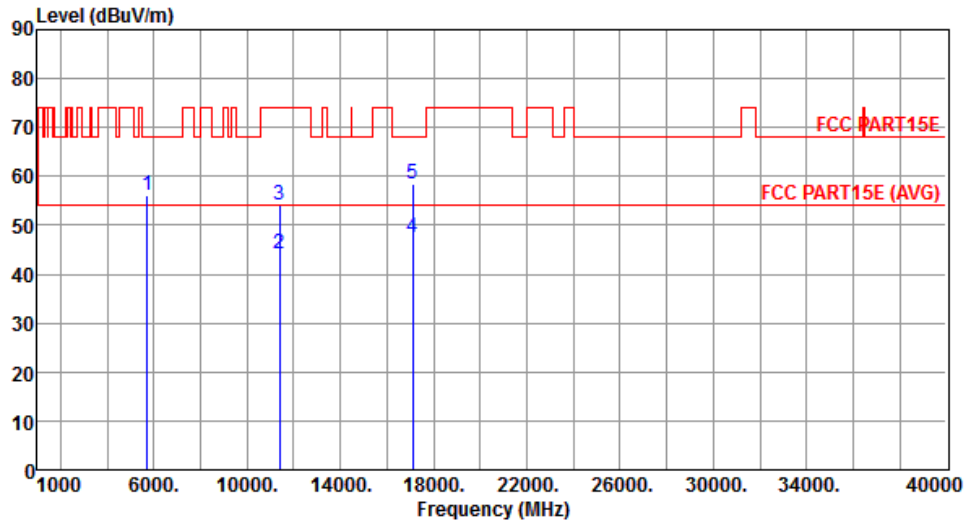
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.40	54.00	-7.60	39.64	6.76	Average	150	202
2	5460.00	53.73	74.00	-20.27	46.97	6.76	Peak	150	202
3	5470.00	54.38	68.20	-13.82	47.61	6.77	Peak	150	202
4	5725.00	54.02	68.20	-14.18	46.78	7.24	Peak	150	202
5	11160.00	45.69	54.00	-8.31	28.90	16.79	Average	395	339
6	11160.00	57.04	74.00	-16.96	40.25	16.79	Peak	395	339
7	16740.00	49.10	54.00	-4.90	30.70	18.40	Average	150	196
8	16740.00	62.05	68.20	-6.15	43.65	18.40	Peak	150	196

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	1



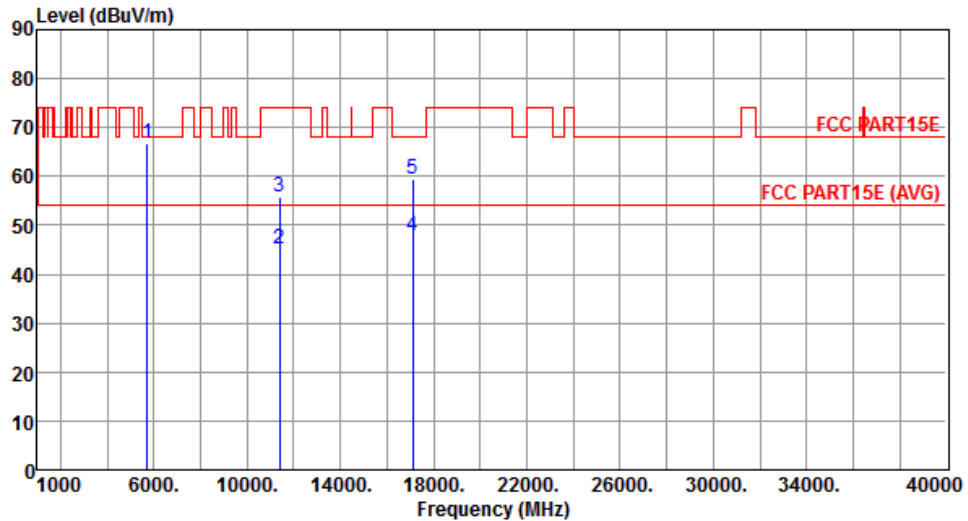
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	56.14	68.20	-12.06	48.90	7.24	Peak	207	96
2	11400.00	44.09	54.00	-9.91	27.21	16.88	Average	235	157
3	11400.00	54.06	74.00	-19.94	37.18	16.88	Peak	235	157
4	17100.00	47.52	54.00	-6.48	28.40	19.12	Average	198	150
5	17100.00	58.42	68.20	-9.78	39.30	19.12	Peak	198	150

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	1



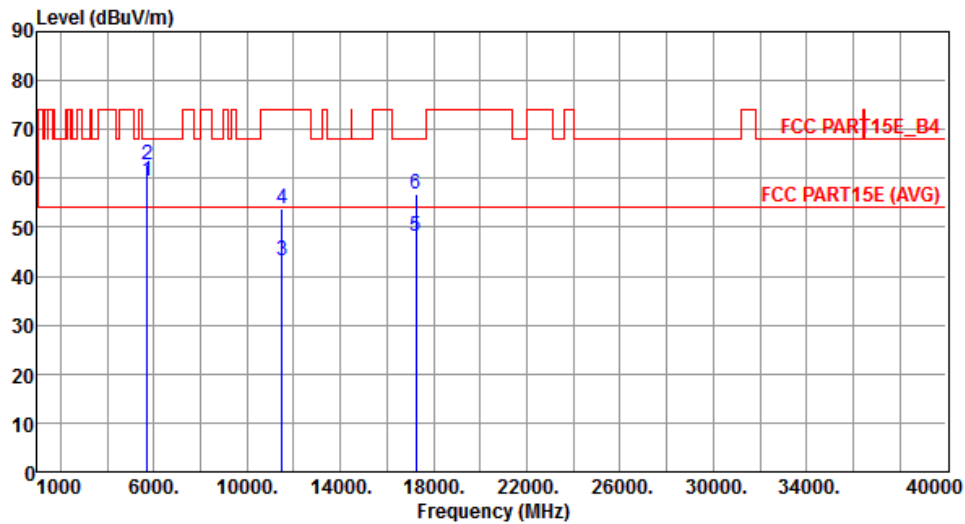
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	66.78	68.20	-1.42	59.54	7.24	Peak	150	216
2	11400.00	45.17	54.00	-8.83	28.29	16.88	Average	350	269
3	11400.00	55.64	74.00	-18.36	38.76	16.88	Peak	350	269
4	17100.00	47.67	54.00	-6.33	28.55	19.12	Average	150	190
5	17100.00	59.36	68.20	-8.84	40.24	19.12	Peak	150	190

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	1



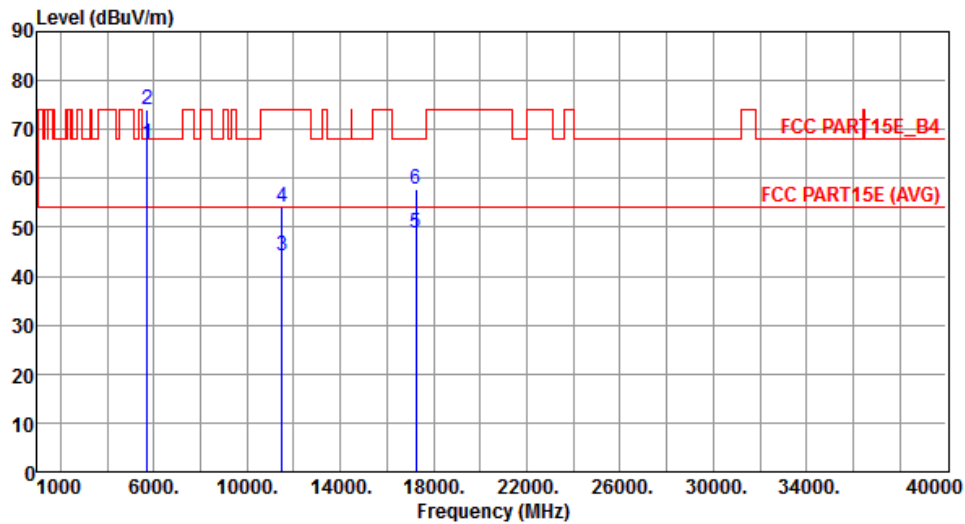
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	59.51	68.20	-8.69	52.31	7.20	Peak	167	308
2	5725.00	62.84	78.20	-15.36	55.60	7.24	Peak	167	308
3	11490.00	43.28	54.00	-10.72	26.37	16.91	Average	177	150
4	11490.00	53.95	74.00	-20.05	37.04	16.91	Peak	177	150
5	17235.00	48.01	54.00	-5.99	28.69	19.32	Average	150	90
6	17235.00	56.91	68.20	-11.29	37.59	19.32	Peak	150	90

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	1



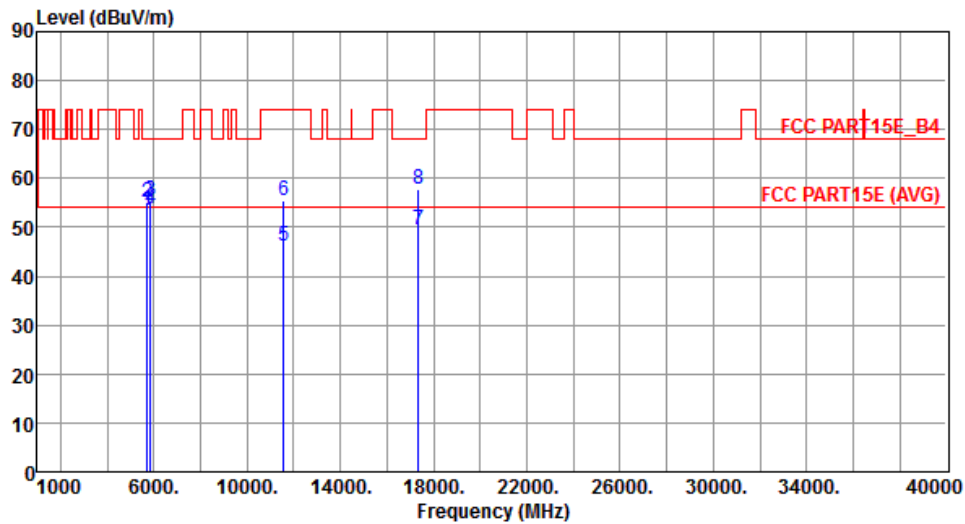
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	67.16	68.20	-1.04	59.96	7.20	Peak	150	201
2	5725.00	73.93	78.20	-4.27	66.69	7.24	Peak	150	201
3	11490.00	44.24	54.00	-9.76	27.33	16.91	Average	298	165
4	11490.00	54.14	74.00	-19.86	37.23	16.91	Peak	298	165
5	17235.00	48.82	54.00	-5.18	29.50	19.32	Average	150	142
6	17235.00	57.81	68.20	-10.39	38.49	19.32	Peak	150	142

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	1



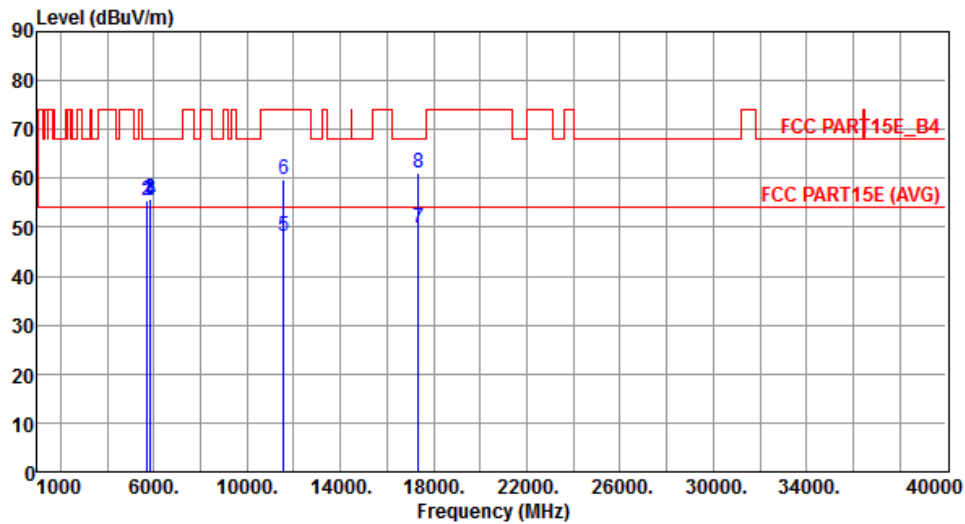
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	53.41	68.20	-14.79	46.21	7.20	Peak	150	235
2	5725.00	55.12	78.20	-23.08	47.88	7.24	Peak	150	235
3	5850.00	55.39	78.20	-22.81	47.89	7.50	Peak	150	235
4	5860.00	53.78	68.20	-14.42	46.27	7.51	Peak	150	235
5	11570.00	46.06	54.00	-7.94	29.26	16.80	Average	213	198
6	11570.00	55.42	74.00	-18.58	38.62	16.80	Peak	213	198
7	17355.00	49.44	54.00	-4.56	29.95	19.49	Average	150	90
8	17355.00	57.94	68.20	-10.26	38.45	19.49	Peak	150	90

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	1



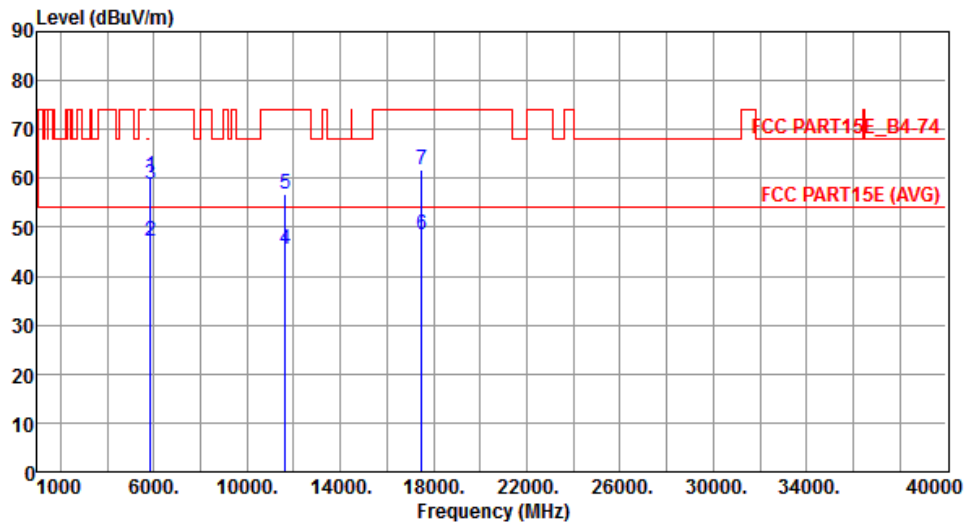
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	55.51	68.20	-12.69	48.31	7.20	Peak	150	208
2	5725.00	55.59	78.20	-22.61	48.35	7.24	Peak	150	208
3	5850.00	55.76	78.20	-22.44	48.26	7.50	Peak	150	208
4	5860.00	55.39	68.20	-12.81	47.88	7.51	Peak	150	208
5	11570.00	48.06	54.00	-5.94	31.26	16.80	Average	388	169
6	11570.00	59.83	74.00	-14.17	43.03	16.80	Peak	388	169
7	17355.00	49.77	54.00	-4.23	30.28	19.49	Average	150	142
8	17355.00	61.12	68.20	-7.08	41.63	19.49	Peak	150	142

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	60.28	78.20	-17.92	52.78	7.50	Peak	180	306
2	5860.00	47.17	54.00	-6.83	39.66	7.51	Average	180	306
3	5860.00	58.77	74.00	-15.23	51.26	7.51	Peak	180	306
4	11650.00	45.35	54.00	-8.65	28.70	16.65	Average	189	135
5	11650.00	56.78	74.00	-17.22	40.13	16.65	Peak	189	135
6	17475.00	48.36	54.00	-5.64	28.70	19.66	Average	150	90
7	17475.00	61.70	74.00	-12.30	42.04	19.66	Peak	150	90

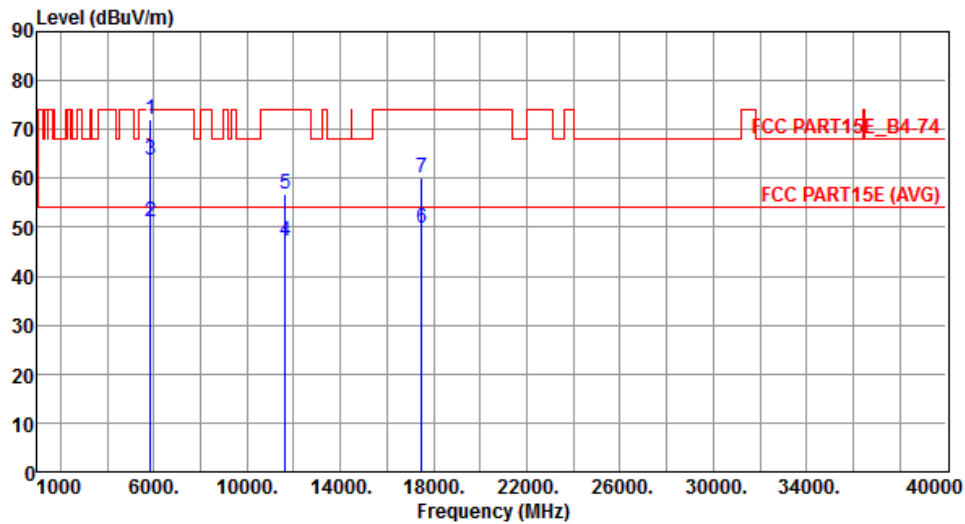
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT20	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	72.05	78.20	-6.15	64.55	7.50	Peak	150	210
2	5860.00	51.27	54.00	-2.73	43.76	7.51	Average	150	210
3	5860.00	63.70	74.00	-10.30	56.19	7.51	Peak	150	210
4	11650.00	47.19	54.00	-6.81	30.54	16.65	Average	297	265
5	11650.00	56.88	74.00	-17.12	40.23	16.65	Peak	297	265
6	17475.00	49.85	54.00	-4.15	30.19	19.66	Average	150	145
7	17475.00	60.19	74.00	-13.81	40.53	19.66	Peak	150	145

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

### 3.5.7 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT40

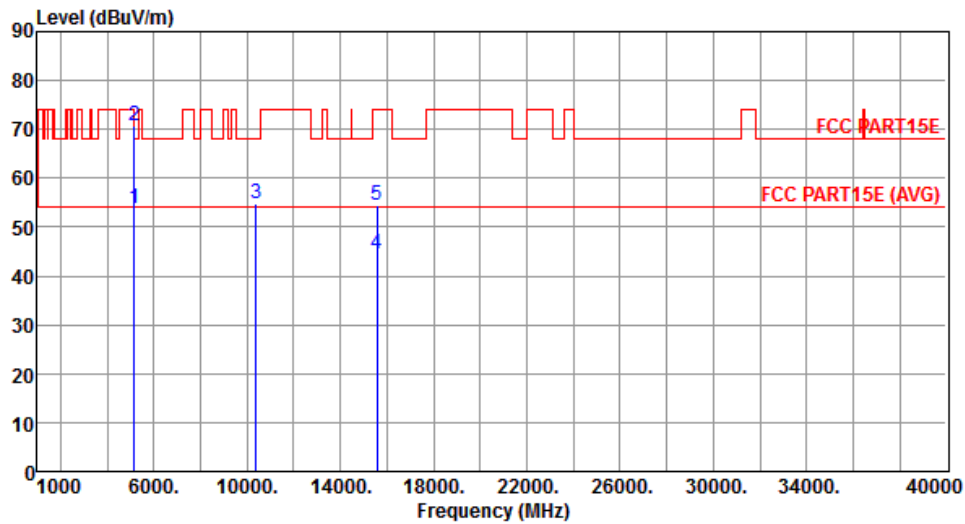
Modulation	HT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	1

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.12	54.00	-6.88	40.81	6.31	Average	159	95
2	5150.00	57.66	74.00	-16.34	51.35	6.31	Peak	159	95
3	10380.00	54.63	68.20	-13.57	38.26	16.37	Peak	150	100
4	15570.00	43.91	54.00	-10.09	26.48	17.43	Average	200	189
5	15570.00	55.93	74.00	-18.07	38.50	17.43	Peak	200	189

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	1



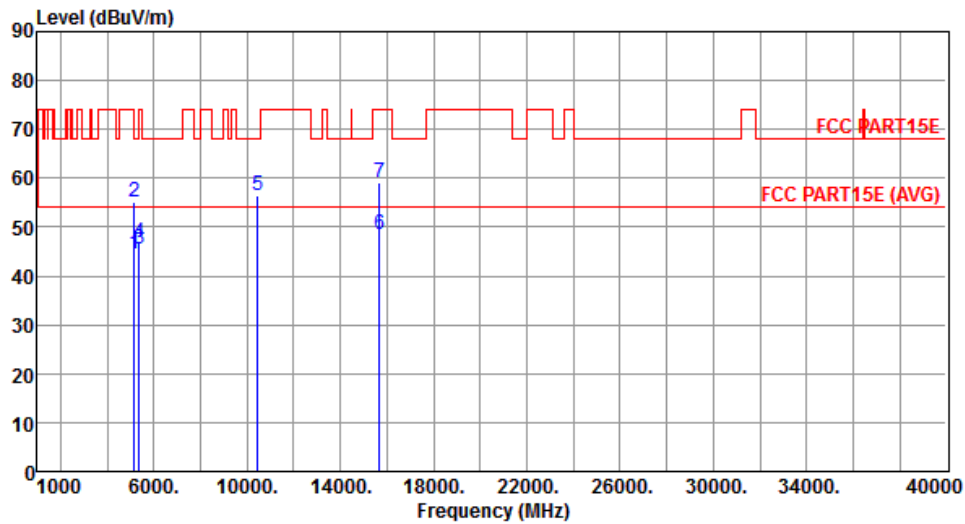
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	53.77	54.00	-0.23	47.46	6.31	Average	150	157
2	5150.00	70.78	74.00	-3.22	64.47	6.31	Peak	150	157
3	10380.00	54.63	68.20	-13.57	38.26	16.37	Peak	150	196
4	15570.00	44.50	54.00	-9.50	27.07	17.43	Average	150	196
5	15570.00	54.56	74.00	-19.44	37.13	17.43	Peak	150	196

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	1



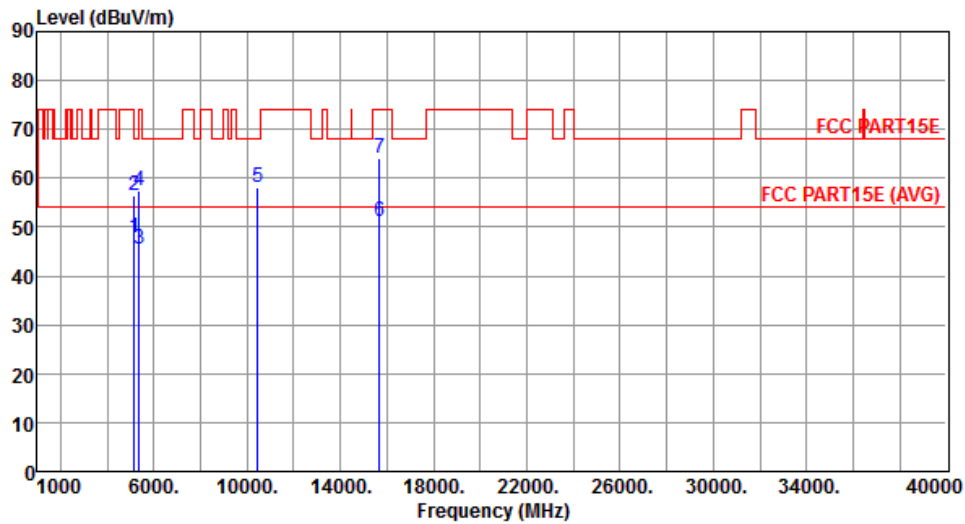
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.54	54.00	-9.46	38.23	6.31	Average	156	89
2	5150.00	55.13	74.00	-18.87	48.82	6.31	Peak	156	89
3	5350.00	45.57	54.00	-8.43	38.95	6.62	Average	156	89
4	5350.00	46.70	74.00	-27.30	40.08	6.62	Peak	156	89
5	10460.00	56.43	68.20	-11.77	39.90	16.53	Peak	254	142
6	15690.00	48.33	54.00	-5.67	31.11	17.22	Average	159	137
7	15690.00	59.24	74.00	-14.76	42.02	17.22	Peak	159	137

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	1



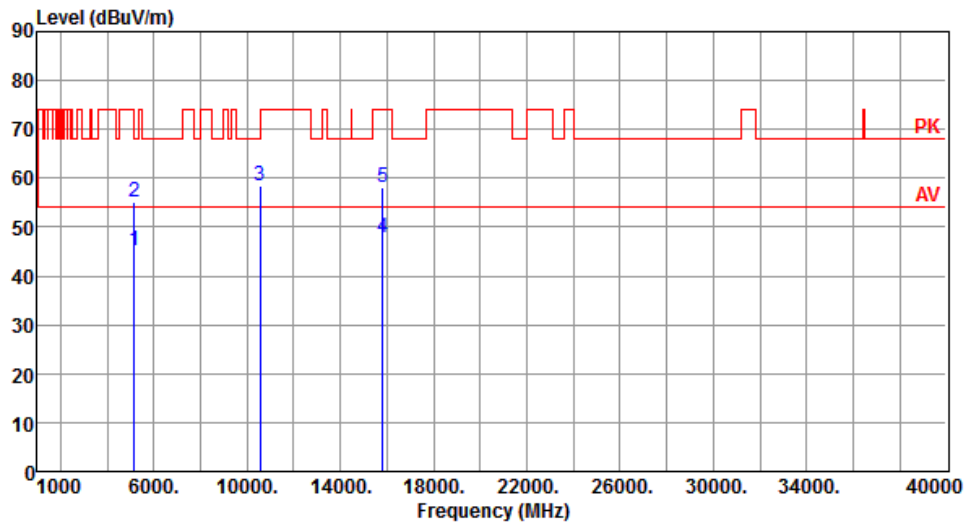
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.73	54.00	-6.27	41.42	6.31	Average	152	148
2	5150.00	56.33	74.00	-17.67	50.02	6.31	Peak	152	148
3	5350.00	45.63	54.00	-8.37	39.01	6.62	Average	152	148
4	5350.00	57.30	74.00	-16.70	50.68	6.62	Peak	152	148
5	10460.00	58.02	68.20	-10.18	41.49	16.53	Peak	311	173
6	15690.00	51.02	54.00	-2.98	33.80	17.22	Average	157	176
7	15690.00	64.12	74.00	-9.88	46.90	17.22	Peak	157	176

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	1



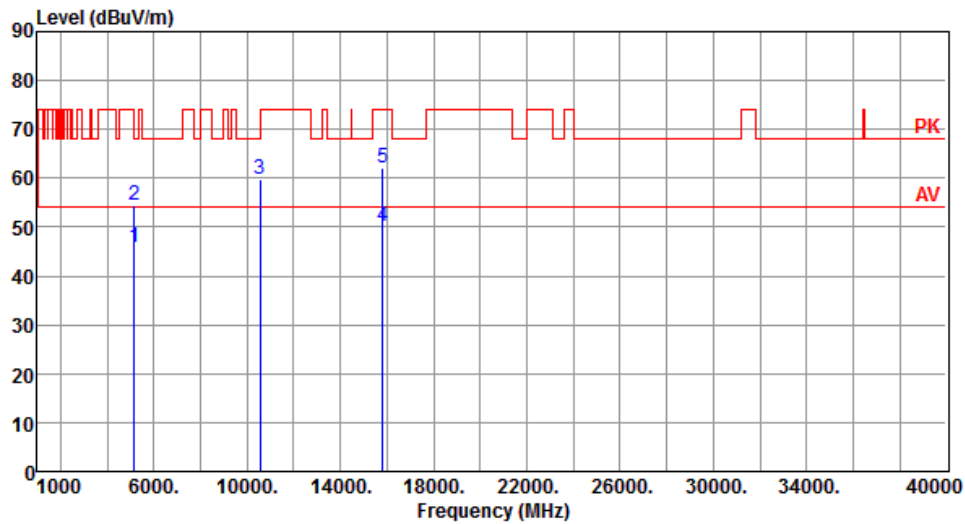
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.21	54.00	-8.79	39.00	6.21	Average	148	110
2	5150.00	55.21	74.00	-18.79	49.00	6.21	Peak	148	110
3	10540.00	58.46	68.20	-9.74	42.56	15.90	Peak	240	170
4	15810.00	47.69	54.00	-6.31	31.84	15.85	Average	145	131
5	15810.00	58.26	74.00	-15.74	42.41	15.85	Peak	145	131

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	1



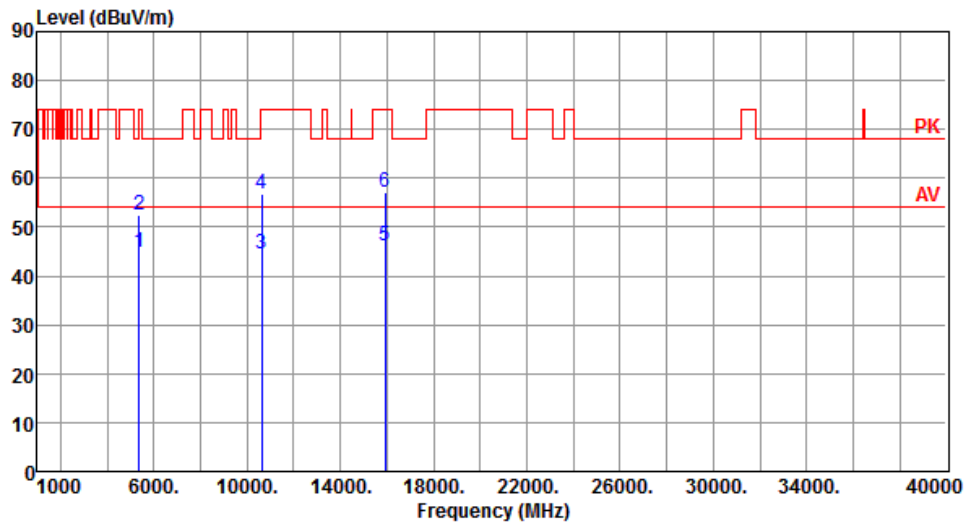
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.67	54.00	-8.33	39.46	6.21	Average	150	153
2	5150.00	54.55	74.00	-19.45	48.34	6.21	Peak	150	153
3	10540.00	59.66	68.20	-8.54	43.76	15.90	Peak	310	275
4	15810.00	50.03	54.00	-3.97	34.18	15.85	Average	149	190
5	15810.00	61.98	74.00	-12.02	46.13	15.85	Peak	149	190

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	44.69	54.00	-9.31	38.24	6.45	Average	150	126
2	5350.00	52.59	74.00	-21.41	46.14	6.45	Peak	150	126
3	10620.00	44.65	54.00	-9.35	28.63	16.02	Average	220	200
4	10620.00	56.85	74.00	-17.15	40.83	16.02	Peak	220	200
5	15930.00	46.21	54.00	-7.79	30.60	15.61	Average	150	126
6	15930.00	57.12	74.00	-16.88	41.51	15.61	Peak	150	126

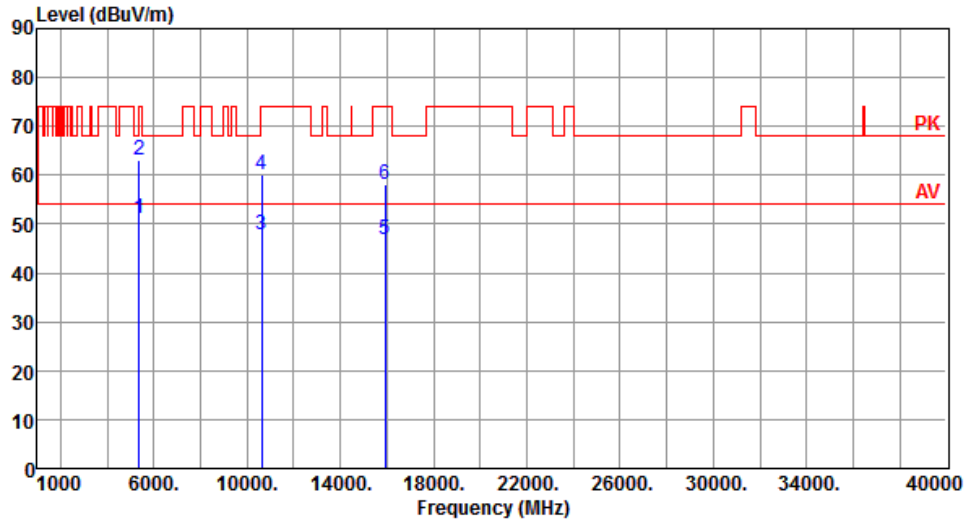
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	HT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	1



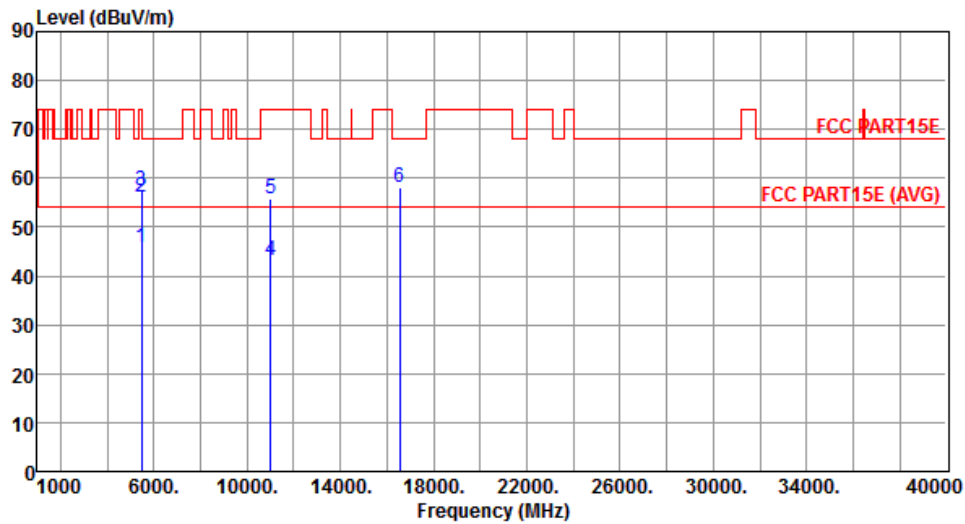
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	51.21	54.00	-2.79	44.76	6.45	Average	149	150
2	5350.00	63.21	74.00	-10.79	56.76	6.45	Peak	149	150
3	10620.00	47.98	54.00	-6.02	31.96	16.02	Average	339	210
4	10620.00	60.12	74.00	-13.88	44.10	16.02	Peak	339	210
5	15930.00	46.87	54.00	-7.13	31.26	15.61	Average	150	189
6	15930.00	58.23	74.00	-15.77	42.62	15.61	Peak	150	189

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	1



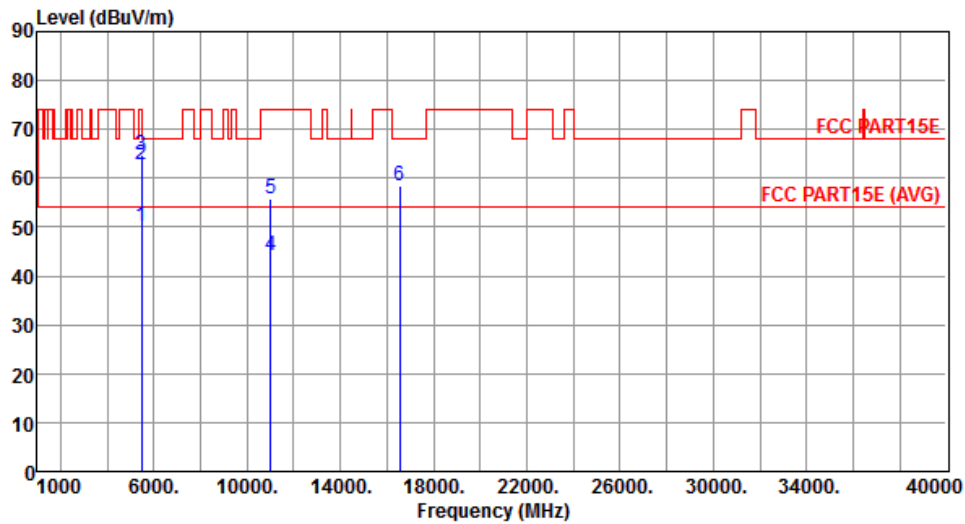
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.70	54.00	-8.30	38.94	6.76	Average	204	68
2	5460.00	56.11	74.00	-17.89	49.35	6.76	Peak	204	68
3	5470.00	57.45	68.20	-10.75	50.68	6.77	Peak	204	68
4	11020.00	43.23	54.00	-10.77	26.50	16.73	Average	218	197
5	11020.00	55.63	74.00	-18.37	38.90	16.73	Peak	218	197
6	16530.00	57.97	68.20	-10.23	40.03	17.94	Peak	160	90

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	1



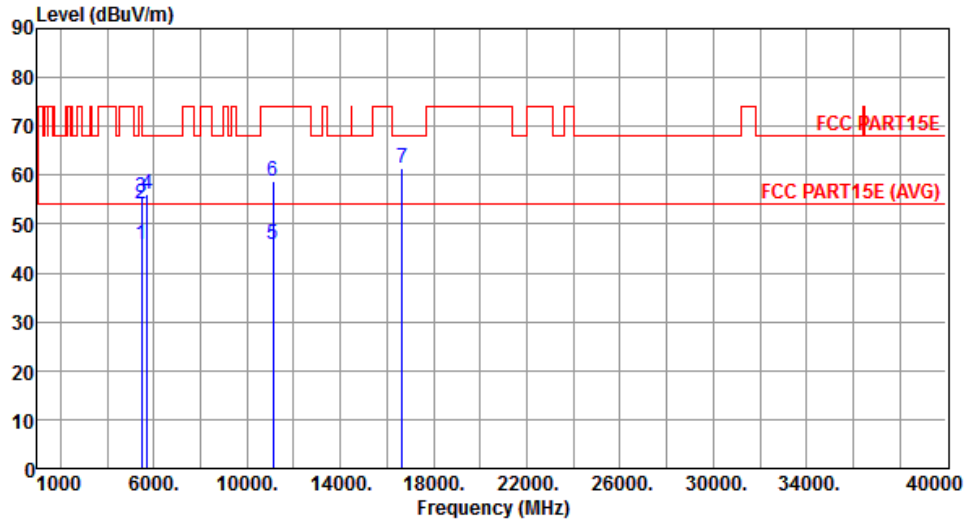
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	50.08	54.00	-3.92	43.32	6.76	Average	150	204
2	5460.00	62.87	74.00	-11.13	56.11	6.76	Peak	150	204
3	5470.00	64.65	68.20	-3.55	57.88	6.77	Peak	150	204
4	11020.00	44.09	54.00	-9.91	27.36	16.73	Average	320	134
5	11020.00	55.72	74.00	-18.28	38.99	16.73	Peak	320	134
6	16530.00	58.30	68.20	-9.90	40.36	17.94	Peak	150	192

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	1



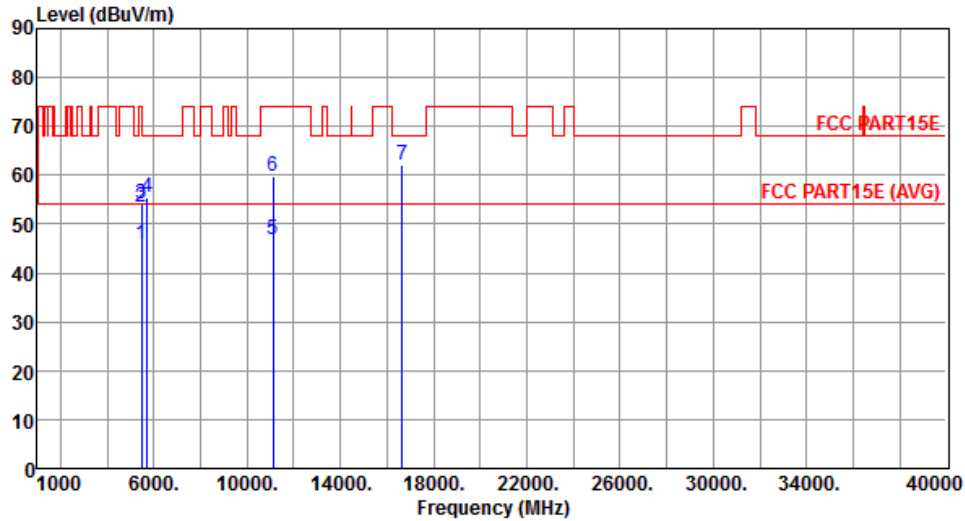
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.93	54.00	-8.07	39.17	6.76	Average	235	341
2	5460.00	54.02	74.00	-19.98	47.26	6.76	Peak	235	341
3	5470.00	55.36	68.20	-12.84	48.59	6.77	Peak	235	341
4	5725.00	56.28	68.20	-11.92	49.04	7.24	Peak	235	341
5	11100.00	45.73	54.00	-8.27	28.97	16.76	Average	155	96
6	11100.00	58.65	74.00	-15.35	41.89	16.76	Peak	155	96
7	16650.00	61.31	68.20	-6.89	43.11	18.20	Peak	153	218

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	1



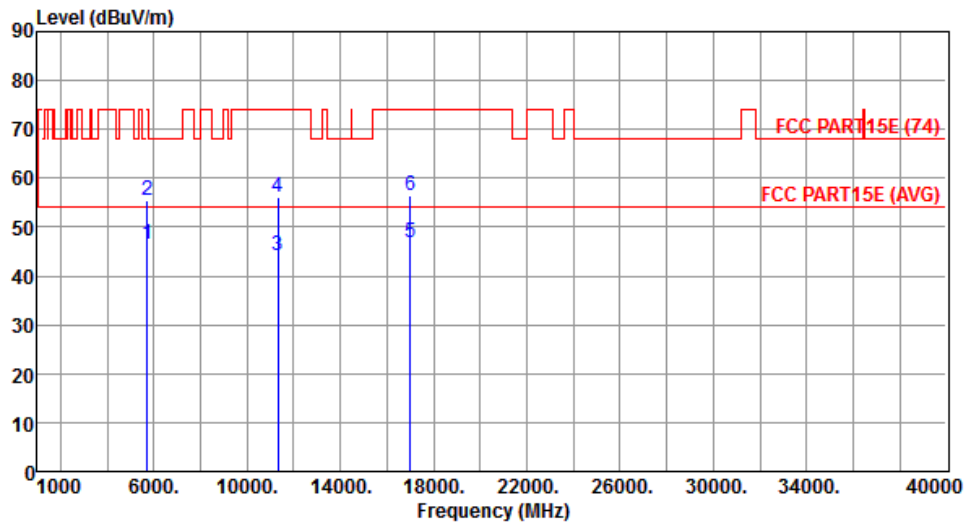
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.72	54.00	-8.28	38.96	6.76	Average	168	217
2	5460.00	53.40	74.00	-20.60	46.64	6.76	Peak	168	217
3	5470.00	54.19	68.20	-14.01	47.42	6.77	Peak	168	217
4	5725.00	55.35	68.20	-12.85	48.11	7.24	Peak	168	217
5	11100.00	46.83	54.00	-7.17	30.07	16.76	Average	341	152
6	11100.00	59.75	74.00	-14.25	42.99	16.76	Peak	341	152
7	16650.00	62.17	68.20	-6.03	43.97	18.20	Peak	158	196

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	1



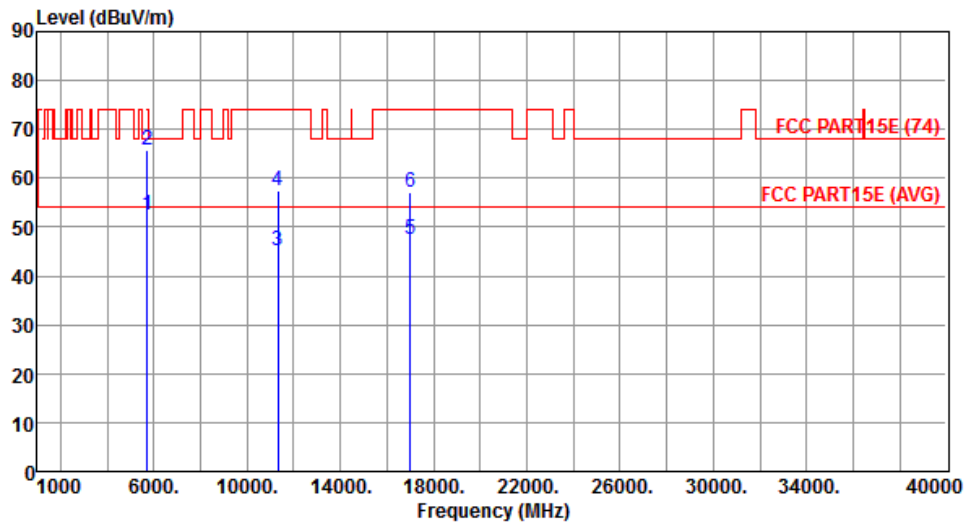
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	46.44	54.00	-7.56	39.20	7.24	Average	150	114
2	5725.00	55.50	74.00	-18.50	48.26	7.24	Peak	150	114
3	11340.00	44.22	54.00	-9.78	27.37	16.85	Average	217	191
4	11340.00	56.12	74.00	-17.88	39.27	16.85	Peak	217	191
5	17010.00	46.88	54.00	-7.12	27.89	18.99	Average	154	100
6	17010.00	56.58	74.00	-17.42	37.59	18.99	Peak	154	100

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	1



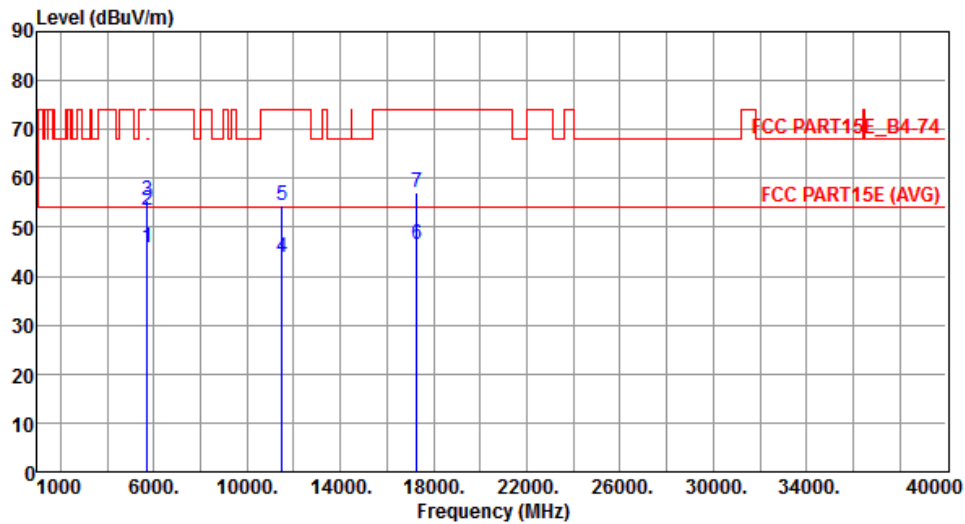
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.53	54.00	-1.47	45.29	7.24	Average	150	206
2	5725.00	65.89	74.00	-8.11	58.65	7.24	Peak	150	206
3	11340.00	45.08	54.00	-8.92	28.23	16.85	Average	317	196
4	11340.00	57.49	74.00	-16.51	40.64	16.85	Peak	317	196
5	17010.00	47.49	54.00	-6.51	28.50	18.99	Average	150	190
6	17010.00	57.15	74.00	-16.85	38.16	18.99	Peak	150	190

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	45.91	54.00	-8.09	38.71	7.20	Average	156	116
2	5715.00	53.57	74.00	-20.43	46.37	7.20	Peak	156	116
3	5725.00	55.39	78.20	-22.81	48.15	7.24	Peak	156	116
4	11510.00	43.88	54.00	-10.12	26.98	16.90	Average	244	161
5	11510.00	54.39	74.00	-19.61	37.49	16.90	Peak	244	161
6	17265.00	46.36	54.00	-7.64	27.00	19.36	Average	244	161
7	17265.00	57.26	74.00	-16.74	37.90	19.36	Peak	244	161

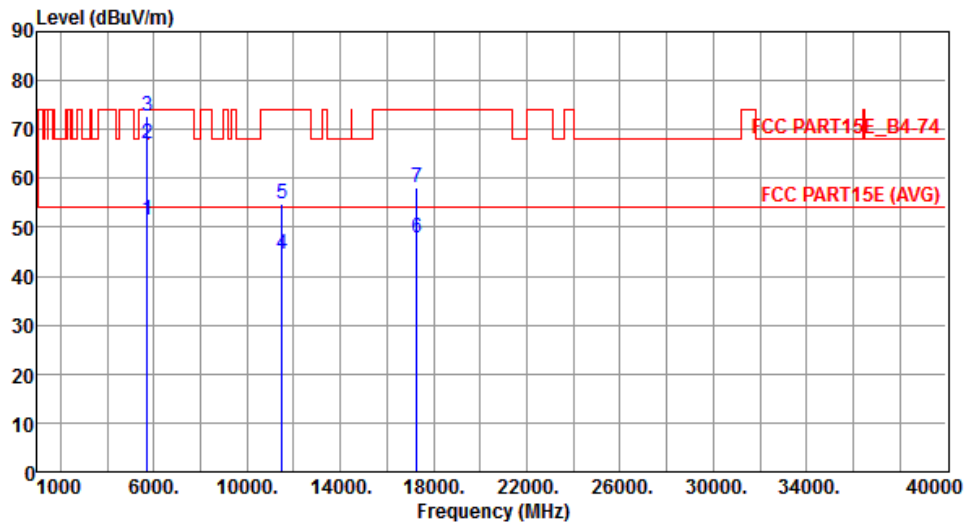
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	1



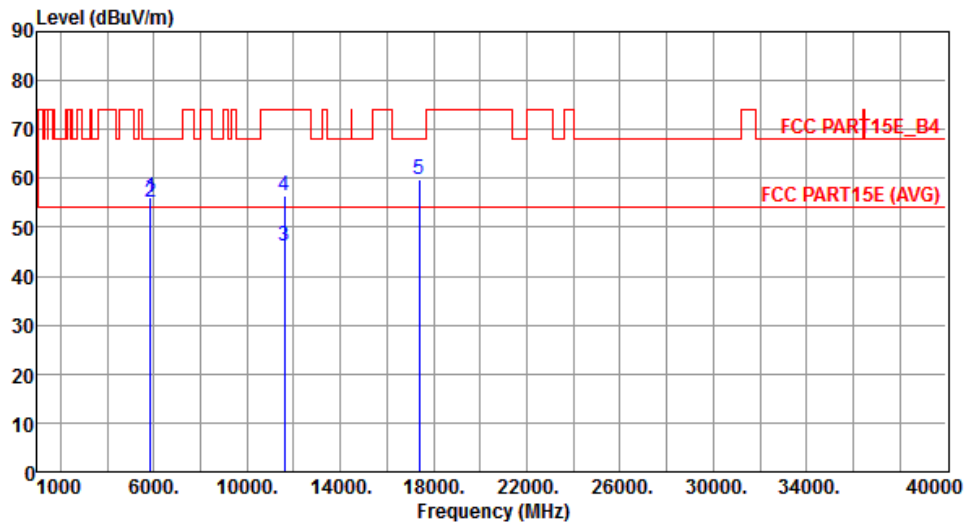
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	51.45	54.00	-2.55	44.25	7.20	Average	150	208
2	5715.00	67.01	74.00	-6.99	59.81	7.20	Peak	150	208
3	5725.00	72.72	78.20	-5.48	65.48	7.24	Peak	150	208
4	11510.00	44.50	54.00	-9.50	27.60	16.90	Average	297	190
5	11510.00	54.90	74.00	-19.10	38.00	16.90	Peak	297	190
6	17265.00	47.66	54.00	-6.34	28.30	19.36	Average	160	200
7	17265.00	57.96	74.00	-16.04	38.60	19.36	Peak	160	200

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	1



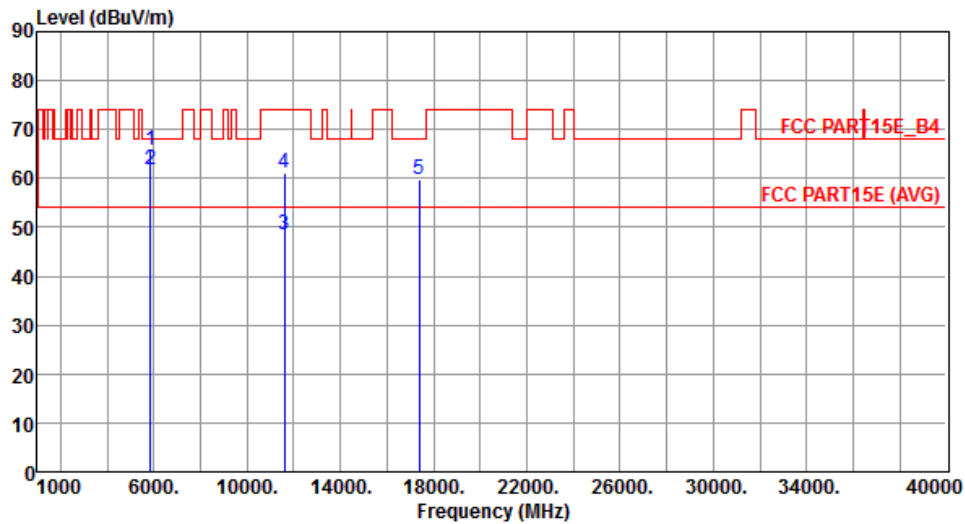
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	56.14	78.20	-22.06	48.64	7.50	Peak	221	119
2	5860.00	55.11	68.20	-13.09	47.60	7.51	Peak	221	119
3	11590.00	46.12	54.00	-7.88	29.36	16.76	Average	199	267
4	11590.00	56.36	74.00	-17.64	39.60	16.76	Peak	199	267
5	17385.00	59.83	68.20	-8.37	40.29	19.54	Peak	233	129

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	65.82	78.20	-12.38	58.32	7.50	Peak	150	203
2	5860.00	61.65	68.20	-6.55	54.14	7.51	Peak	150	203
3	11590.00	48.36	54.00	-5.64	31.60	16.76	Average	296	175
4	11590.00	61.12	74.00	-12.88	44.36	16.76	Peak	296	175
5	17385.00	59.89	68.20	-8.31	40.35	19.54	Peak	150	198

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

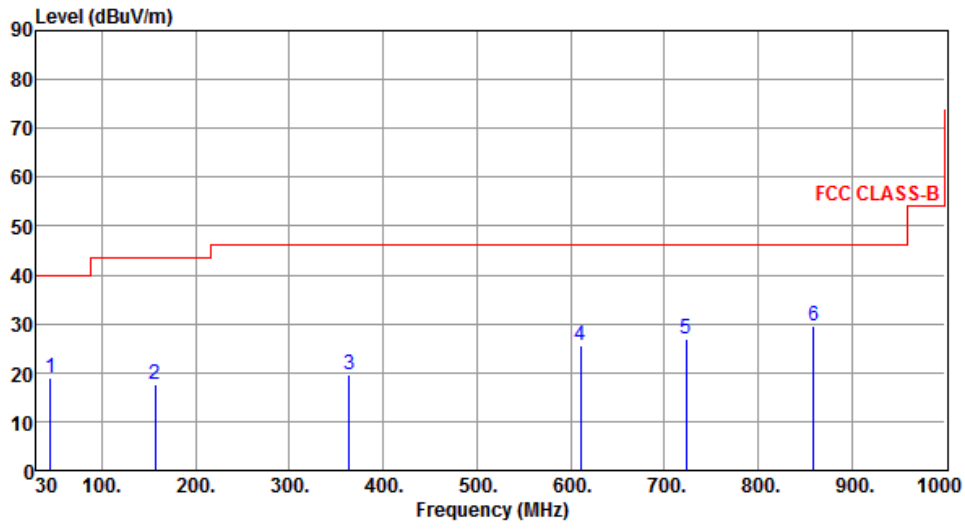
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

## Test Configuration 2: PCB Dipole antenna

### 3.5.8 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	2

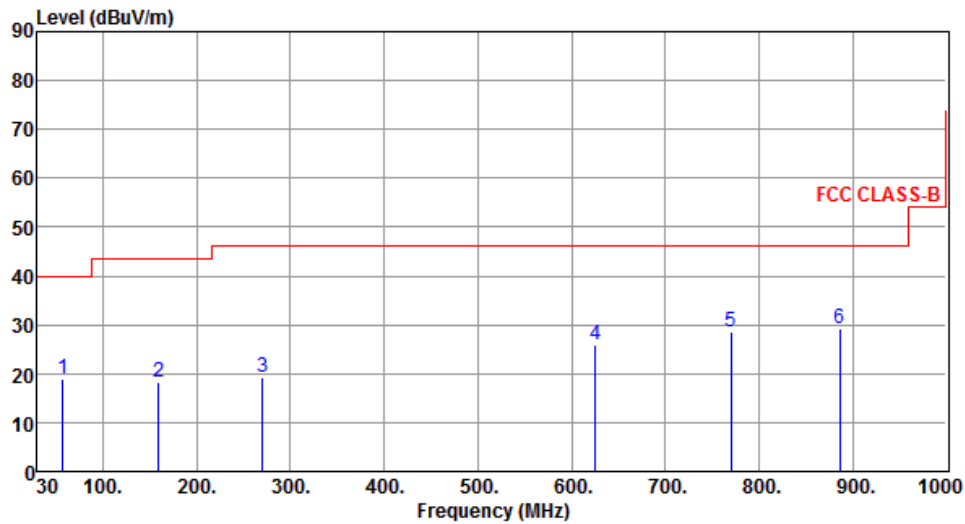
  


The graph displays the radiated unwanted emissions for a PCB Dipole antenna. The y-axis represents the Level in dBuV/m, ranging from 0 to 90. The x-axis represents the Frequency in MHz, ranging from 30 to 1000. A red line indicates the FCC CLASS-B limit, which is 40 dBuV/m from 30 to 100 MHz, 45 dBuV/m from 100 to 1000 MHz, and 55 dBuV/m from 1000 to 10000 MHz. Six measured peaks are labeled with blue numbers 1 through 6. The data for these peaks is provided in the table below.

	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	45.45	19.02	40.00	-20.98	31.85	-12.83	Peak	---	---
2	157.13	17.63	43.50	-25.87	31.20	-13.57	Peak	---	---
3	363.62	19.54	46.00	-26.46	30.63	-11.09	Peak	---	---
4	611.10	25.72	46.00	-20.28	31.35	-5.63	Peak	---	---
5	723.42	26.75	46.00	-19.25	30.64	-3.89	Peak	---	---
6	859.24	29.43	46.00	-16.57	31.02	-1.59	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).  
 Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	57.08	18.94	40.00	-21.06	32.84	-13.90	Peak	---	---
2	159.05	18.36	43.50	-25.14	31.96	-13.60	Peak	---	---
3	270.24	19.11	46.00	-26.89	32.98	-13.87	Peak	---	---
4	625.43	25.75	46.00	-20.25	31.16	-5.41	Peak	---	---
5	770.15	28.44	46.00	-17.56	31.46	-3.02	Peak	---	---
6	886.42	29.15	46.00	-16.85	30.16	-1.01	Peak	---	---

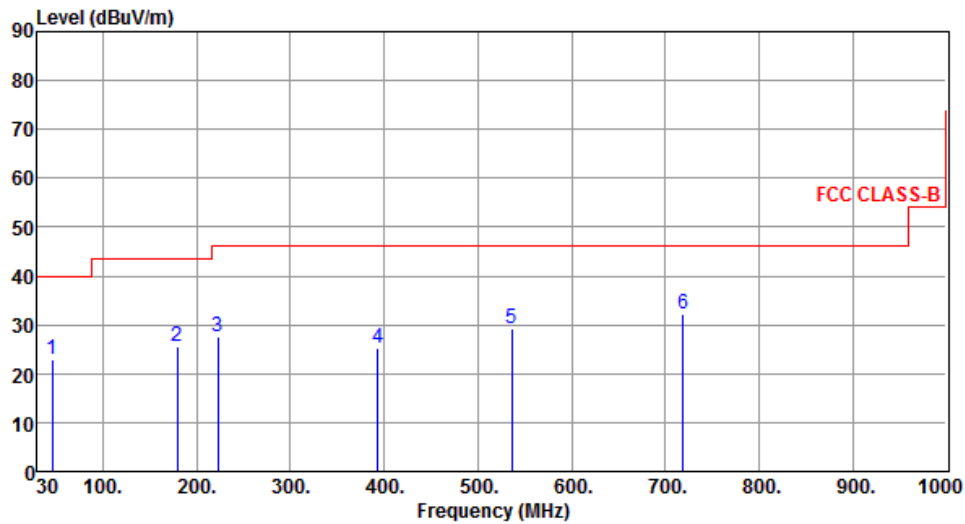
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	45.52	22.89	40.00	-17.11	30.98	-8.09	Peak	---	---
2	179.42	25.42	43.50	-18.08	34.87	-9.45	Peak	---	---
3	223.06	27.56	46.00	-18.44	38.01	-10.45	Peak	---	---
4	393.69	25.39	46.00	-20.61	30.54	-5.15	Peak	---	---
5	536.41	29.37	46.00	-16.63	31.58	-2.21	Peak	---	---
6	718.60	32.31	46.00	-13.69	31.08	1.23	Peak	---	---

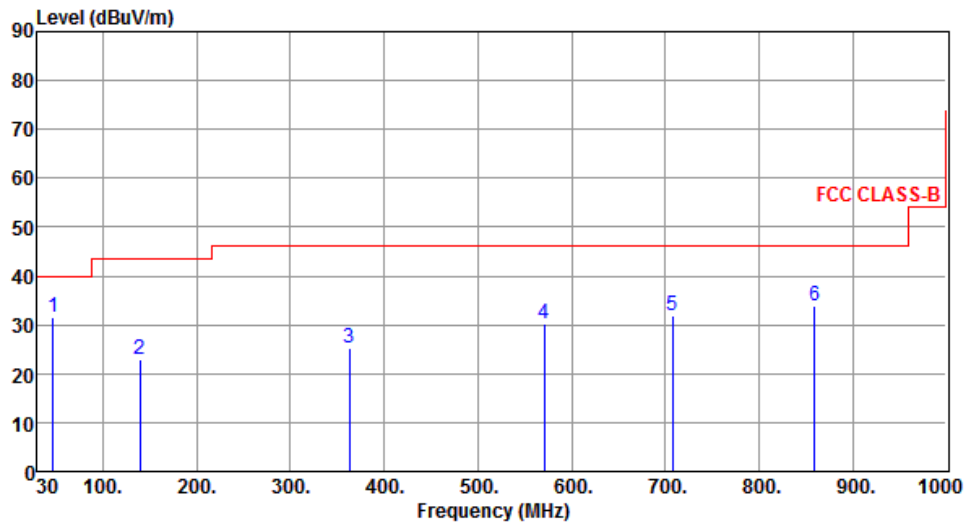
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	46.49	31.40	40.00	-8.60	39.44	-8.04	Peak	---	---
2	139.59	22.78	43.50	-20.72	31.27	-8.49	Peak	---	---
3	362.78	25.39	46.00	-20.61	31.43	-6.04	Peak	---	---
4	571.26	30.26	46.00	-15.74	31.63	-1.37	Peak	---	---
5	708.03	31.88	46.00	-14.12	30.93	0.95	Peak	---	---
6	859.35	33.90	46.00	-12.10	30.51	3.39	Peak	---	---

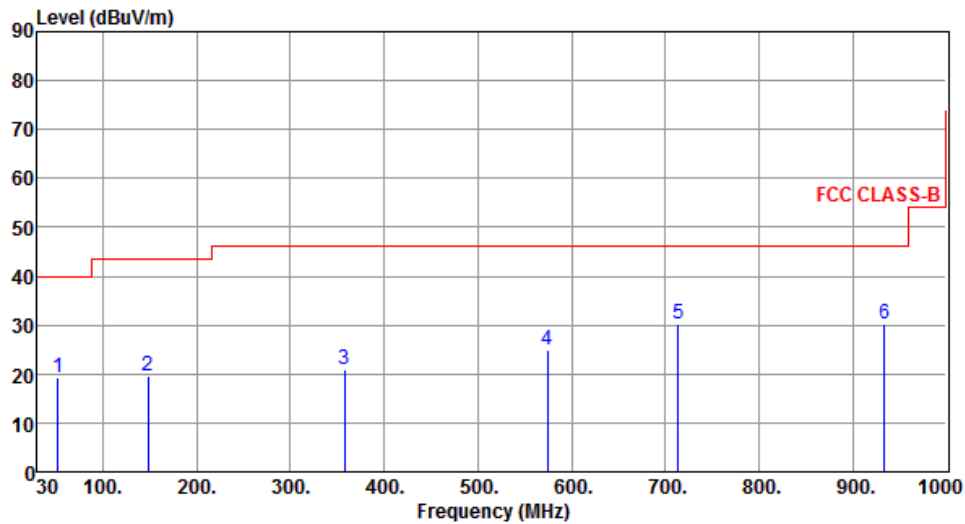
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	52.31	19.30	40.00	-20.70	32.57	-13.27	Peak	---	---
2	148.34	19.70	43.50	-23.80	33.18	-13.48	Peak	---	---
3	357.86	20.90	46.00	-25.10	32.16	-11.26	Peak	---	---
4	574.17	25.02	46.00	-20.98	31.50	-6.48	Peak	---	---
5	713.85	30.21	46.00	-15.79	34.32	-4.11	Peak	---	---
6	934.04	30.38	46.00	-15.62	30.49	-0.11	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

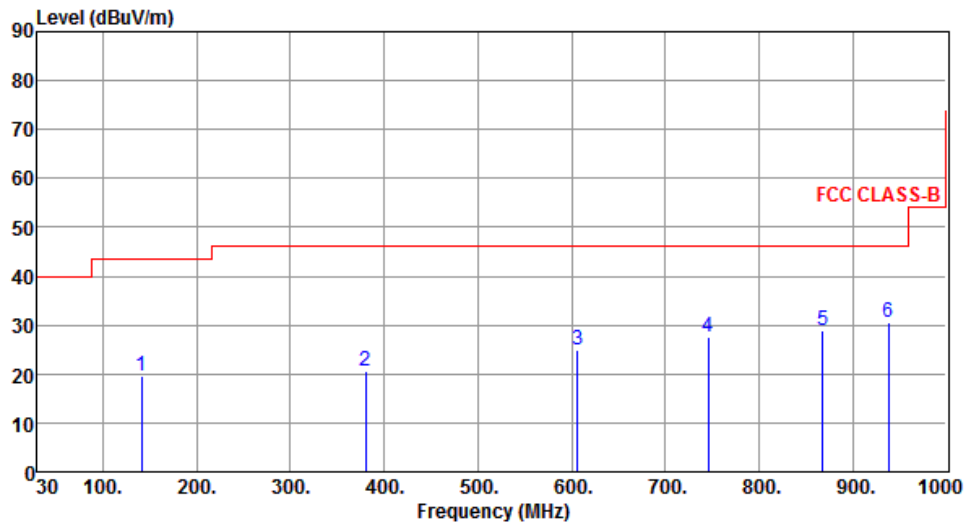
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	141.55	19.47	43.50	-24.03	33.17	-13.70	Peak	---	---
2	380.17	20.70	46.00	-25.30	31.31	-10.61	Peak	---	---
3	606.18	24.75	46.00	-21.25	30.46	-5.71	Peak	---	---
4	745.86	27.44	46.00	-18.56	30.82	-3.38	Peak	---	---
5	868.08	28.76	46.00	-17.24	30.17	-1.41	Peak	---	---
6	937.92	30.55	46.00	-15.45	30.59	-0.04	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

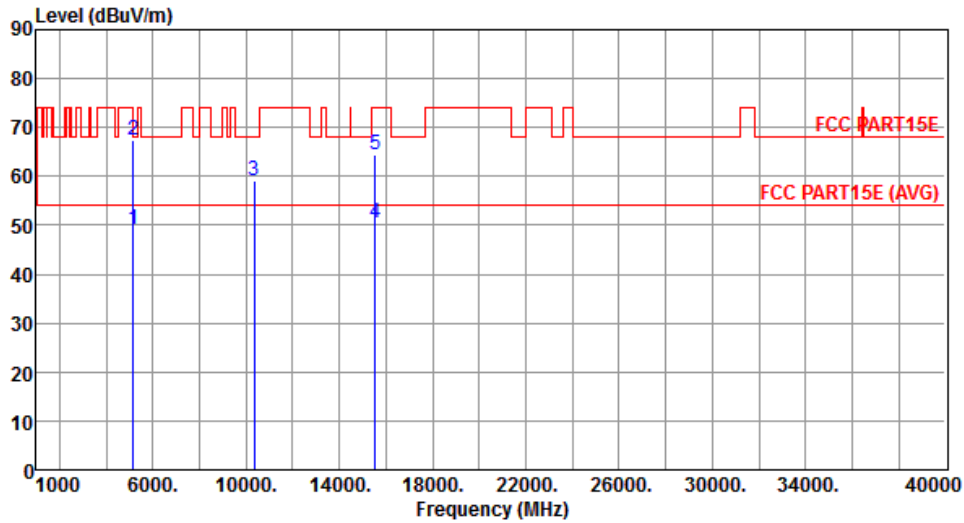
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

### 3.5.9 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11a

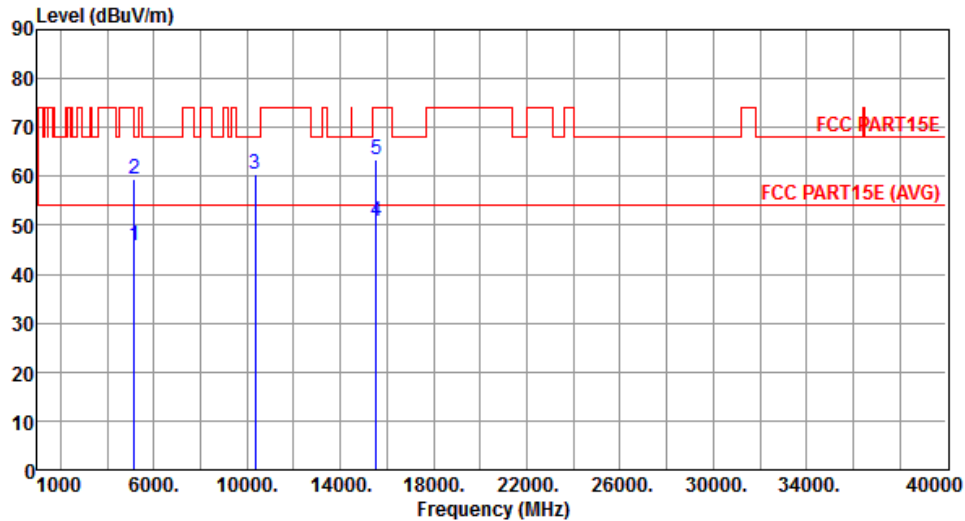
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	2

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.05	54.00	-4.95	42.74	6.31	Average	164	351
2	5150.00	67.32	74.00	-6.68	61.01	6.31	Peak	164	351
3	10360.00	59.12	68.20	-9.08	42.78	16.34	Peak	259	241
4	15540.00	50.42	54.00	-3.58	32.92	17.50	Average	222	118
5	15540.00	64.29	74.00	-9.71	46.79	17.50	Peak	222	118

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	2



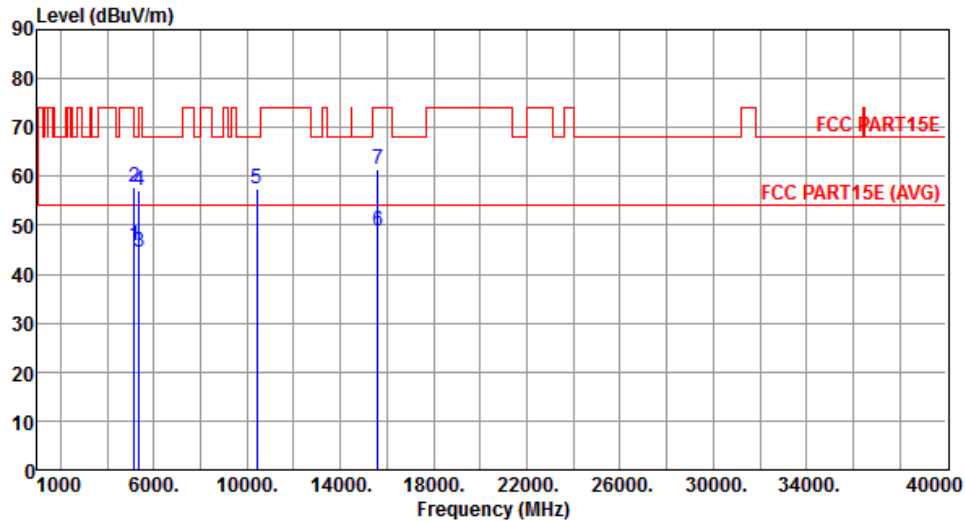
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.78	54.00	-8.22	39.47	6.31	Average	158	335
2	5150.00	59.36	74.00	-14.64	53.05	6.31	Peak	158	335
3	10360.00	60.40	68.20	-7.80	44.06	16.34	Peak	354	172
4	15540.00	50.78	54.00	-3.22	33.28	17.50	Average	371	275
5	15540.00	63.56	74.00	-10.44	46.06	17.50	Peak	371	275

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	2



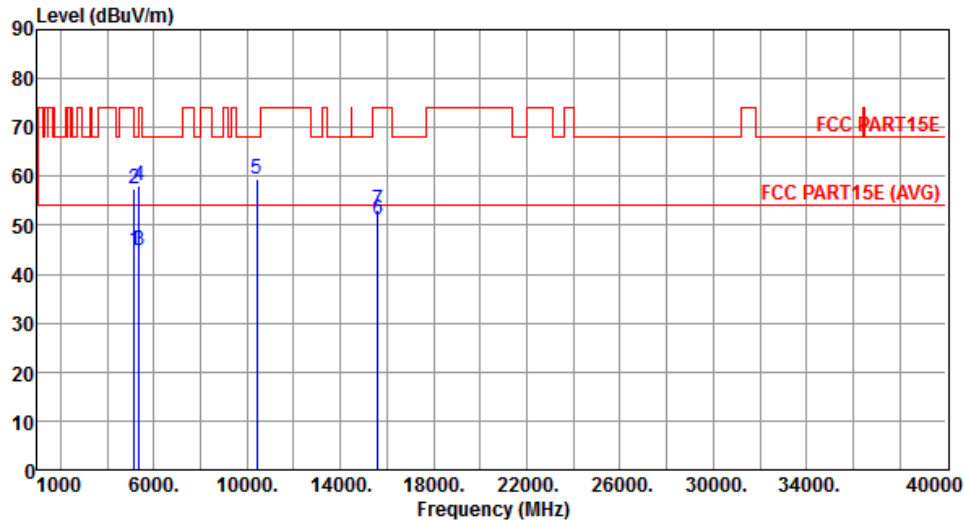
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.75	54.00	-8.25	39.44	6.31	Average	157	9
2	5150.00	57.78	74.00	-16.22	51.47	6.31	Peak	157	9
3	5350.00	44.46	54.00	-9.54	37.84	6.62	Average	158	3
4	5350.00	57.02	74.00	-16.98	50.40	6.62	Peak	158	3
5	10400.00	57.43	68.20	-10.77	41.01	16.42	Peak	159	336
6	15600.00	48.73	54.00	-5.27	31.35	17.38	Average	196	308
7	15600.00	61.52	74.00	-12.48	44.14	17.38	Peak	196	308

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	2



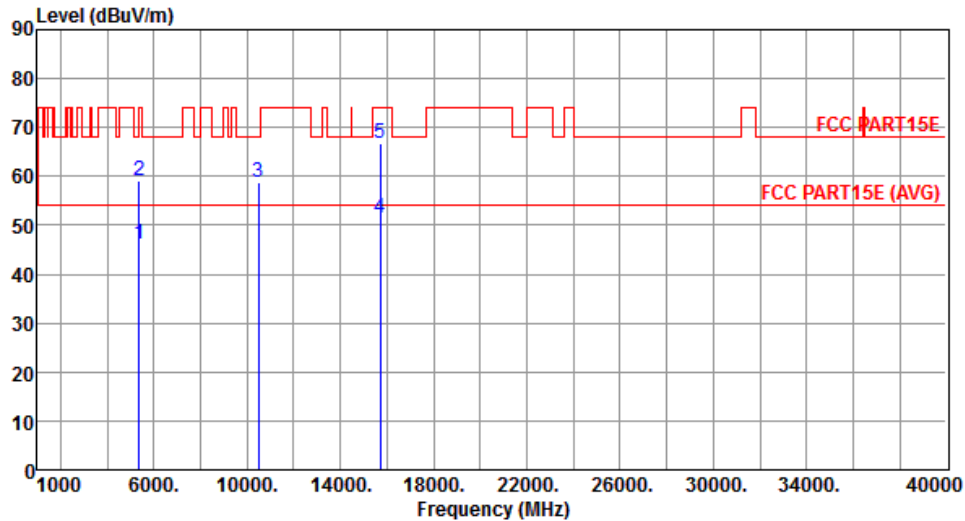
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.78	54.00	-9.22	38.47	6.31	Average	154	339
2	5150.00	57.36	74.00	-16.64	51.05	6.31	Peak	154	339
3	5350.00	44.96	54.00	-9.04	38.34	6.62	Average	154	339
4	5350.00	58.12	74.00	-15.88	51.50	6.62	Peak	154	339
5	10400.00	59.53	68.20	-8.67	43.11	16.42	Peak	141	19
6	15600.00	51.12	54.00	-2.88	33.74	17.38	Average	157	36
7	15600.00	53.23	74.00	-20.77	35.85	17.38	Peak	157	36

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	2



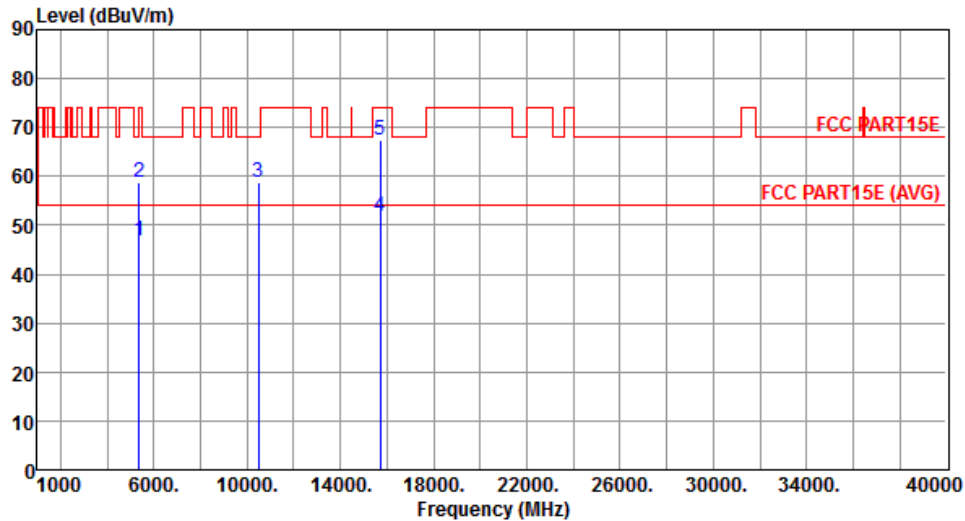
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.15	54.00	-7.85	39.53	6.62	Average	150	6
2	5350.00	59.24	74.00	-14.76	52.62	6.62	Peak	150	6
3	10480.00	58.63	68.20	-9.57	42.07	16.56	Peak	153	153
4	15720.00	51.58	54.00	-2.42	34.43	17.15	Average	155	189
5	15720.00	66.72	74.00	-7.28	49.57	17.15	Peak	155	189

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	2



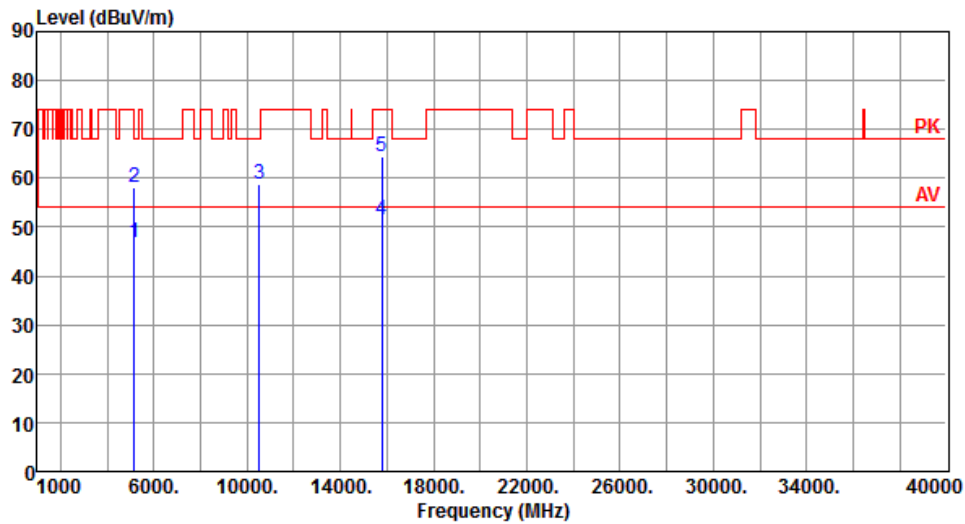
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.84	54.00	-7.16	40.22	6.62	Average	169	334
2	5350.00	58.83	74.00	-15.17	52.21	6.62	Peak	169	334
3	10480.00	58.64	68.20	-9.56	42.08	16.56	Peak	150	181
4	15720.00	51.78	54.00	-2.22	34.63	17.15	Average	151	190
5	15720.00	67.27	74.00	-6.73	50.12	17.15	Peak	151	190

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.88	54.00	-7.12	40.67	6.21	Average	149	6
2	5150.00	58.21	74.00	-15.79	52.00	6.21	Peak	149	6
3	10520.00	58.66	68.20	-9.54	42.78	15.88	Peak	270	247
4	15780.00	51.31	54.00	-2.69	35.40	15.91	Average	202	143
5	15780.00	64.49	74.00	-9.51	48.58	15.91	Peak	202	143

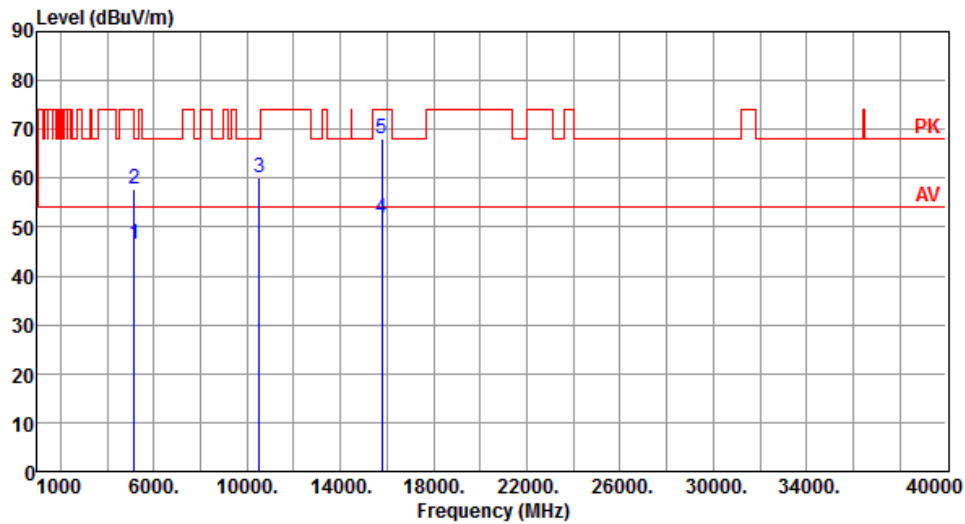
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	2



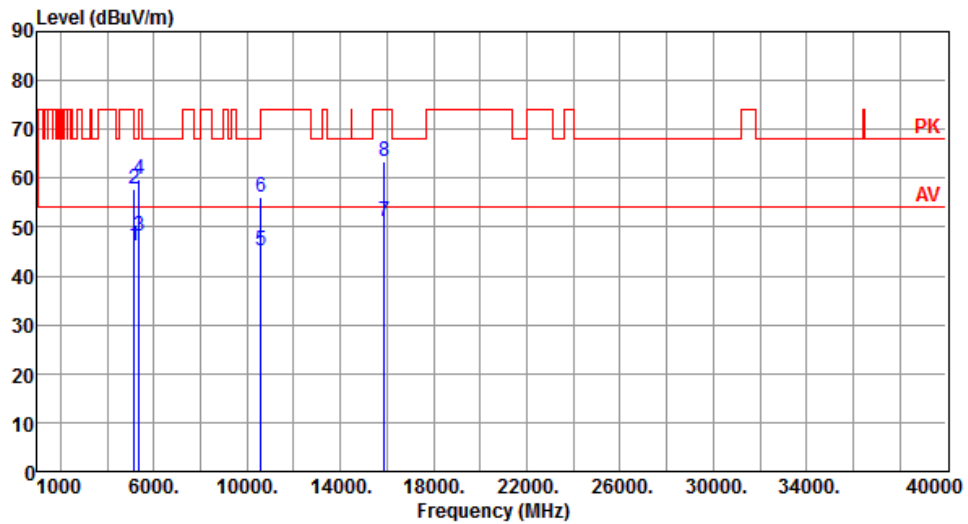
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.49	54.00	-7.51	40.28	6.21	Average	155	326
2	5150.00	57.89	74.00	-16.11	51.68	6.21	Peak	155	326
3	10520.00	60.11	68.20	-8.09	44.23	15.88	Peak	273	190
4	15780.00	51.69	54.00	-2.31	35.78	15.91	Average	149	179
5	15780.00	68.21	74.00	-5.79	52.30	15.91	Peak	149	179

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	2



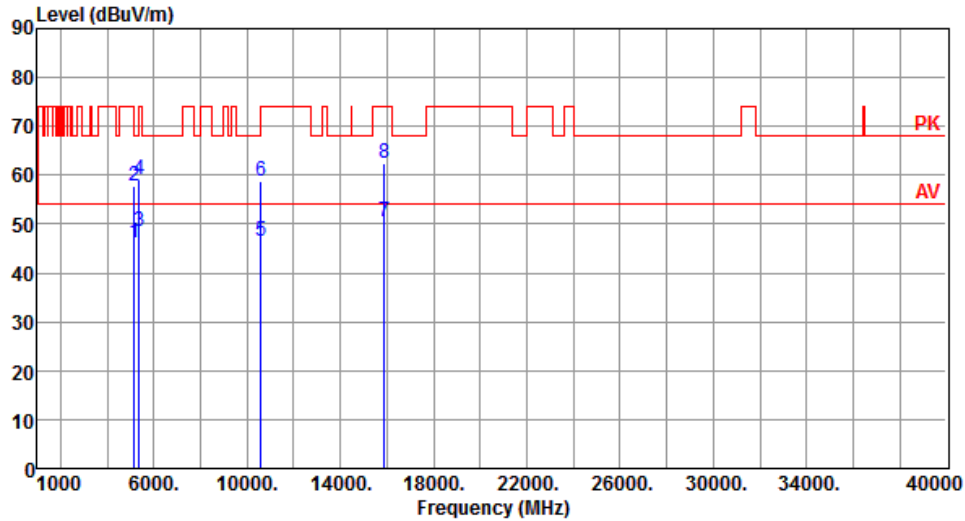
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.21	54.00	-7.79	40.00	6.21	Average	144	6
2	5150.00	57.69	74.00	-16.31	51.48	6.21	Peak	144	6
3	5350.00	48.26	54.00	-5.74	41.81	6.45	Average	144	6
4	5350.00	59.85	74.00	-14.15	53.40	6.45	Peak	149	6
5	10600.00	45.21	54.00	-8.79	29.22	15.99	Average	149	339
6	10600.00	56.23	74.00	-17.77	40.24	15.99	Peak	149	339
7	15900.00	51.03	54.00	-2.97	35.36	15.67	Average	149	26
8	15900.00	63.41	74.00	-10.59	47.74	15.67	Peak	149	26

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	2



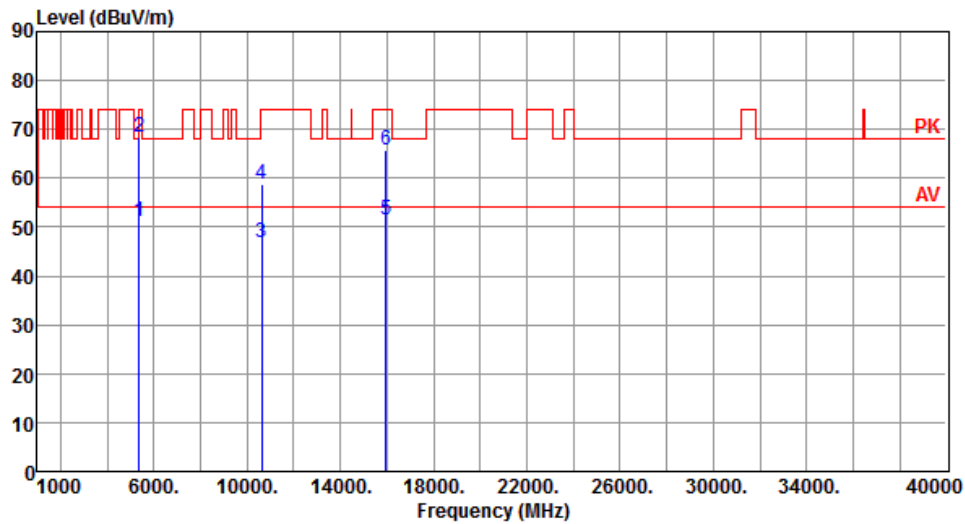
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.21	54.00	-7.79	40.00	6.21	Average	150	332
2	5150.00	57.69	74.00	-16.31	51.48	6.21	Peak	150	332
3	5350.00	48.55	54.00	-5.45	42.10	6.45	Average	150	332
4	5350.00	59.13	74.00	-14.87	52.68	6.45	Peak	150	332
5	10600.00	46.46	54.00	-7.54	30.47	15.99	Average	150	6
6	10600.00	58.75	74.00	-15.25	42.76	15.99	Peak	150	6
7	15900.00	50.59	54.00	-3.41	34.92	15.67	Average	330	60
8	15900.00	62.29	74.00	-11.71	46.62	15.67	Peak	330	60

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	2



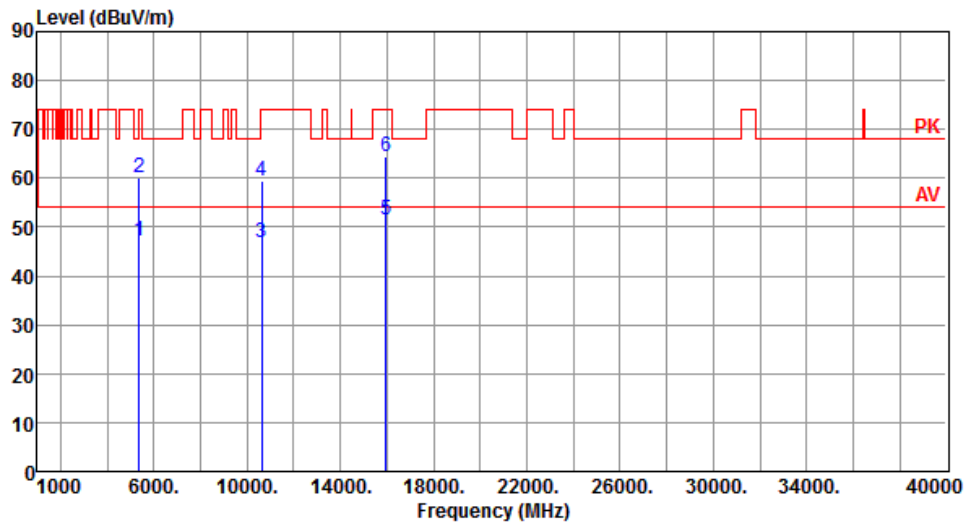
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	51.29	54.00	-2.71	44.84	6.45	Average	148	10
2	5350.00	68.32	74.00	-5.68	61.87	6.45	Peak	148	10
3	10640.00	46.85	54.00	-7.15	30.79	16.06	Average	149	185
4	10640.00	58.85	74.00	-15.15	42.79	16.06	Peak	149	185
5	15960.00	51.32	54.00	-2.68	35.77	15.55	Average	150	147
6	15960.00	65.66	74.00	-8.34	50.11	15.55	Peak	150	147

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	2



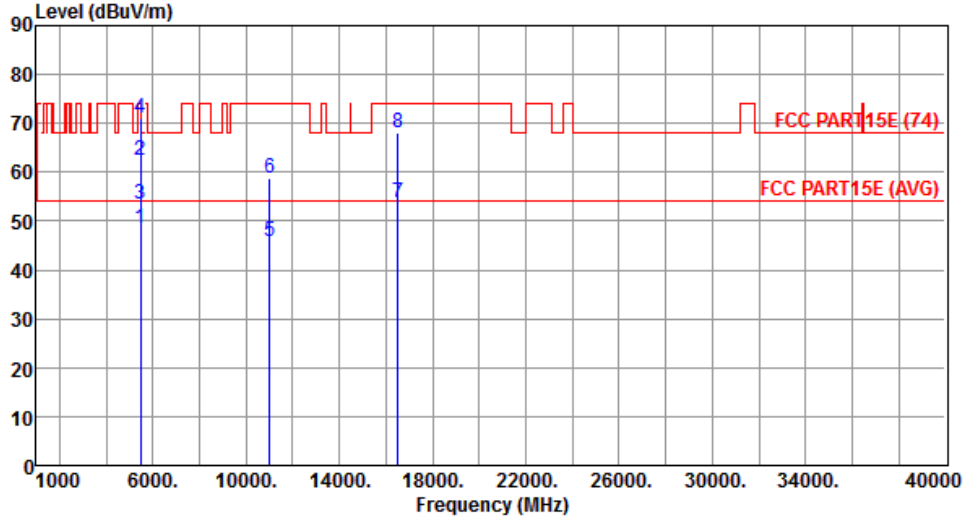
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	47.03	54.00	-6.97	40.58	6.45	Average	149	336
2	5350.00	60.23	74.00	-13.77	53.78	6.45	Peak	149	336
3	10640.00	46.79	54.00	-7.21	30.73	16.06	Average	150	182
4	10640.00	59.36	74.00	-14.64	43.30	16.06	Peak	150	182
5	15960.00	51.56	54.00	-2.44	36.01	15.55	Average	150	184
6	15960.00	64.39	74.00	-9.61	48.84	15.55	Peak	150	184

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

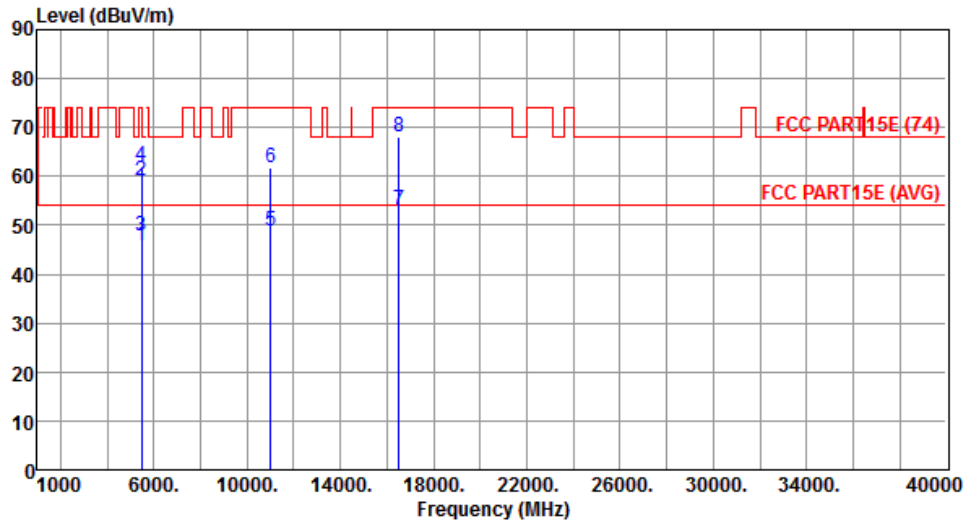
Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal	Test Configuration	2

	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.55	54.00	-5.45	41.79	6.76	Average	150	1
2	5460.00	62.31	74.00	-11.69	55.55	6.76	Peak	150	1
3	5470.00	53.36	54.00	-0.64	46.59	6.77	Average	150	1
4	5470.00	71.14	74.00	-2.86	64.37	6.77	Peak	150	1
5	11000.00	45.82	54.00	-8.18	29.10	16.72	Average	150	206
6	11000.00	58.69	74.00	-15.31	41.97	16.72	Peak	150	206
7	16500.00	53.75	54.00	-0.25	35.88	17.87	Average	150	136
8	16500.00	68.06	74.00	-5.94	50.19	17.87	Peak	150	136

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	2



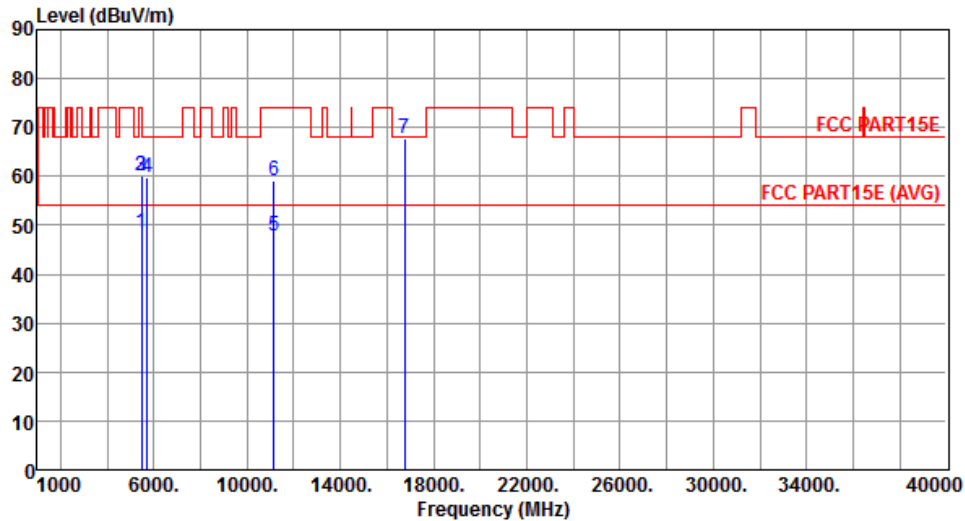
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.68	54.00	-8.32	38.92	6.76	Average	150	343
2	5460.00	58.97	74.00	-15.03	52.21	6.76	Peak	150	343
3	5470.00	47.75	54.00	-6.25	40.98	6.77	Average	150	343
4	5470.00	61.94	74.00	-12.06	55.17	6.77	Peak	150	343
5	11000.00	48.80	54.00	-5.20	32.08	16.72	Average	150	183
6	11000.00	61.71	74.00	-12.29	44.99	16.72	Peak	150	183
7	16500.00	53.20	54.00	-0.80	35.33	17.87	Average	150	183
8	16500.00	68.20	74.00	-5.80	50.33	17.87	Peak	150	183

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.33	54.00	-5.67	41.57	6.76	Average	150	1
2	5460.00	60.10	74.00	-13.90	53.34	6.76	Peak	150	1
3	5470.00	60.12	68.20	-8.08	53.35	6.77	Peak	150	1
4	5725.00	59.74	68.20	-8.46	52.50	7.24	Peak	150	1
5	11160.00	47.71	54.00	-6.29	30.92	16.79	Average	219	20
6	11160.00	59.12	74.00	-14.88	42.33	16.79	Peak	219	20
7	16740.00	67.87	68.20	-0.33	49.47	18.40	Peak	245	330

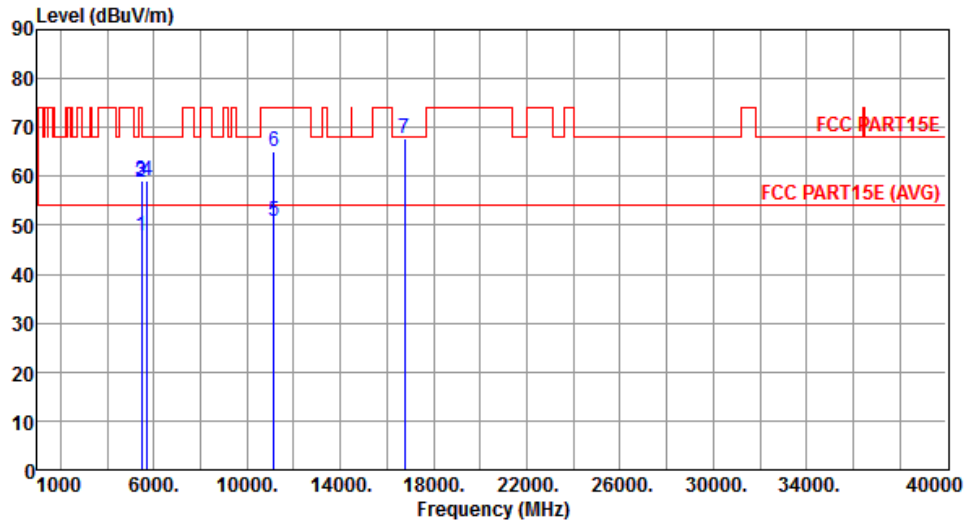
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	2



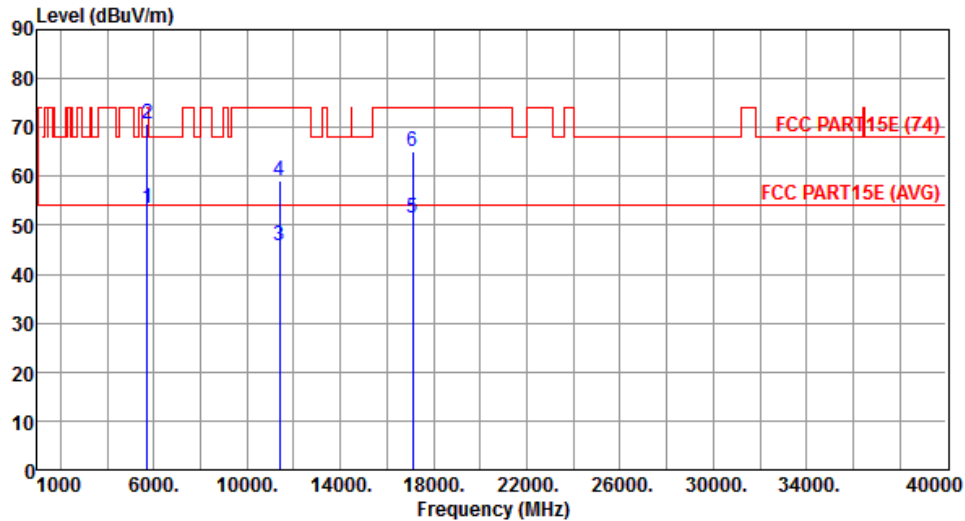
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.86	54.00	-6.14	41.10	6.76	Average	153	348
2	5460.00	58.73	74.00	-15.27	51.97	6.76	Peak	153	348
3	5470.00	59.19	68.20	-9.01	52.42	6.77	Peak	153	348
4	5725.00	59.15	68.20	-9.05	51.91	7.24	Peak	153	348
5	11160.00	50.83	54.00	-3.17	34.04	16.79	Average	168	22
6	11160.00	65.04	74.00	-8.96	48.25	16.79	Peak	168	22
7	16740.00	67.65	68.20	-0.55	49.25	18.40	Peak	252	326

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	2



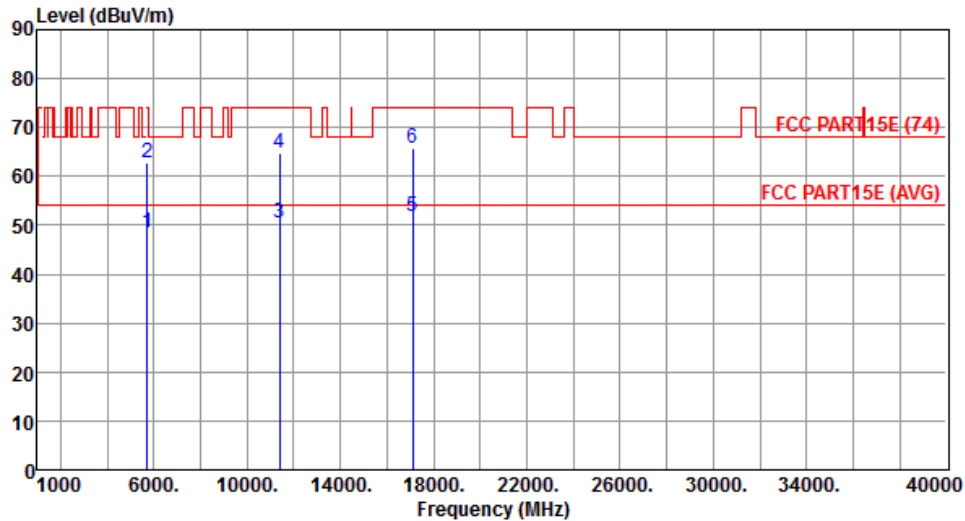
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	53.49	54.00	-0.51	46.25	7.24	Average	152	1
2	5725.00	70.81	74.00	-3.19	63.57	7.24	Peak	152	1
3	11400.00	45.93	54.00	-8.07	29.05	16.88	Average	151	202
4	11400.00	59.18	74.00	-14.82	42.30	16.88	Peak	151	202
5	17100.00	51.57	54.00	-2.43	32.45	19.12	Average	151	132
6	17100.00	65.25	74.00	-8.75	46.13	19.12	Peak	151	132

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	2



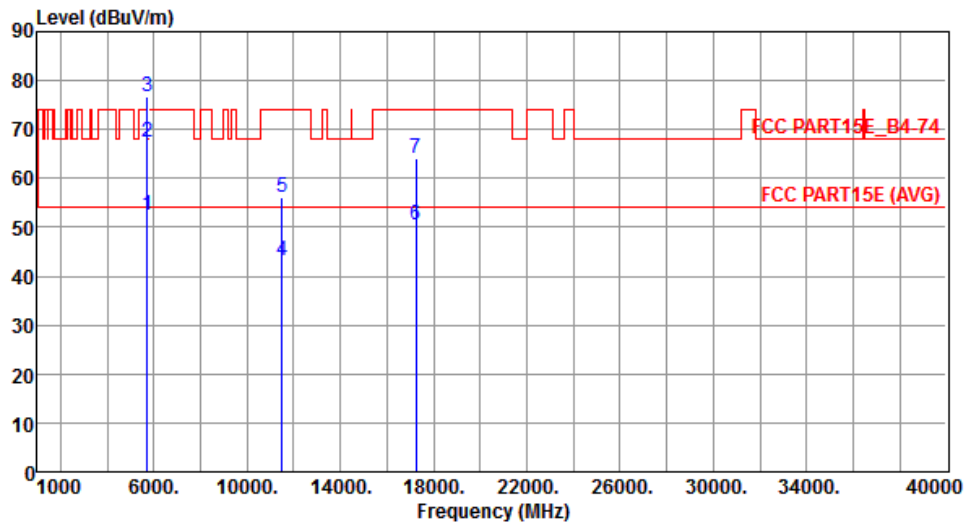
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	48.62	54.00	-5.38	41.38	7.24	Average	153	18
2	5725.00	62.72	74.00	-11.28	55.48	7.24	Peak	153	18
3	11400.00	50.53	54.00	-3.47	33.65	16.88	Average	150	202
4	11400.00	64.85	74.00	-9.15	47.97	16.88	Peak	150	202
5	17100.00	51.96	54.00	-2.04	32.84	19.12	Average	150	202
6	17100.00	65.81	74.00	-8.19	46.69	19.12	Peak	150	202

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	2



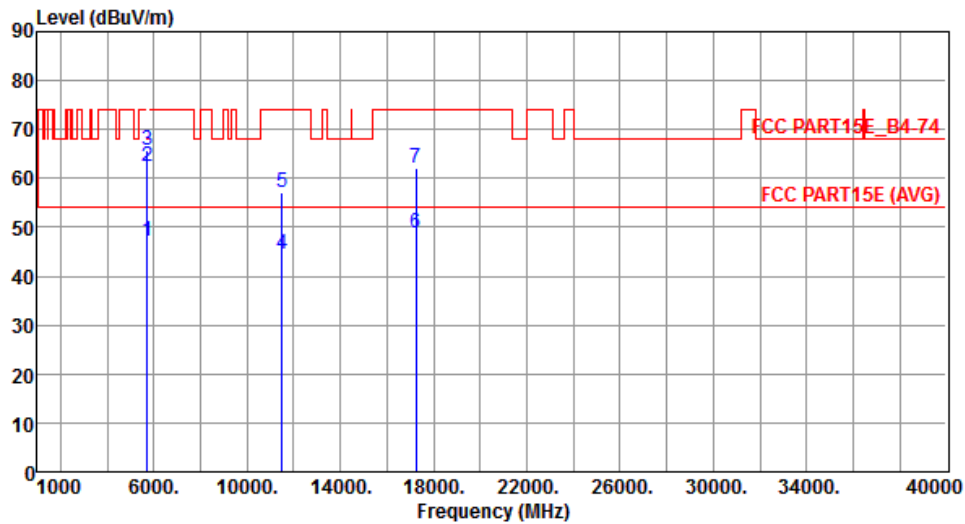
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.34	54.00	-1.66	45.14	7.20	Average	203	358
2	5715.00	67.56	74.00	-6.44	60.36	7.20	Peak	203	358
3	5725.00	76.61	78.20	-1.59	69.37	7.24	Peak	203	359
4	11490.00	43.08	54.00	-10.92	26.17	16.91	Average	170	214
5	11490.00	56.18	74.00	-17.82	39.27	16.91	Peak	170	214
6	17235.00	50.57	54.00	-3.43	31.25	19.32	Average	198	137
7	17235.00	64.21	74.00	-9.79	44.89	19.32	Peak	198	137

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	2



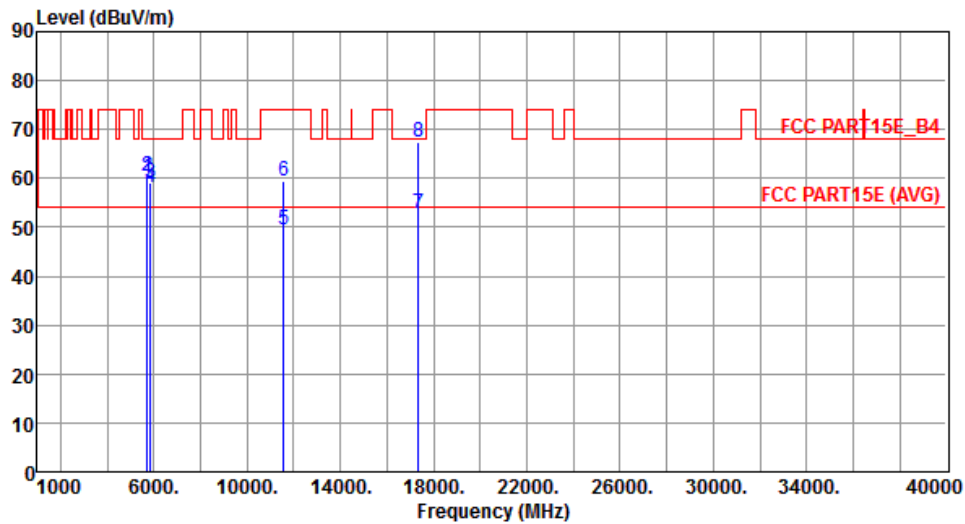
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	47.13	54.00	-6.87	39.93	7.20	Average	268	55
2	5715.00	62.44	74.00	-11.56	55.24	7.20	Peak	268	55
3	5725.00	65.72	78.20	-12.48	58.48	7.24	Peak	268	55
4	11490.00	44.44	54.00	-9.56	27.53	16.91	Average	150	185
5	11490.00	57.07	74.00	-16.93	40.16	16.91	Peak	150	185
6	17235.00	48.82	54.00	-5.18	29.50	19.32	Average	150	168
7	17235.00	62.06	74.00	-11.94	42.74	19.32	Peak	150	168

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



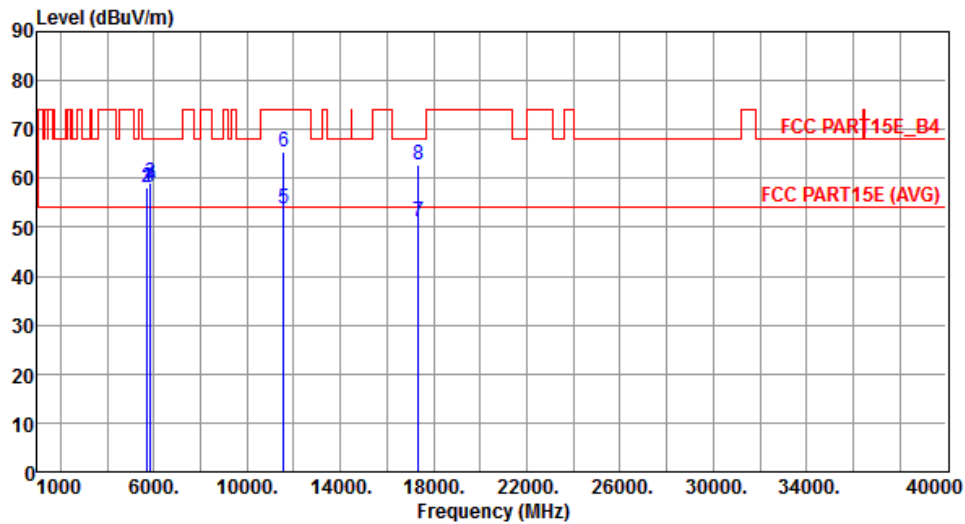
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	59.95	68.20	-8.25	52.75	7.20	Peak	246	198
2	5725.00	60.35	78.20	-17.85	53.11	7.24	Peak	246	198
3	5850.00	59.05	78.20	-19.15	51.55	7.50	Peak	246	198
4	5860.00	58.09	68.20	-10.11	50.58	7.51	Peak	246	198
5	11570.00	49.51	54.00	-4.49	32.71	16.80	Average	207	342
6	11570.00	59.49	74.00	-14.51	42.69	16.80	Peak	207	342
7	17355.00	52.65	54.00	-1.35	33.16	19.49	Average	214	325
8	17355.00	67.33	68.20	-0.87	47.84	19.49	Peak	214	325

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



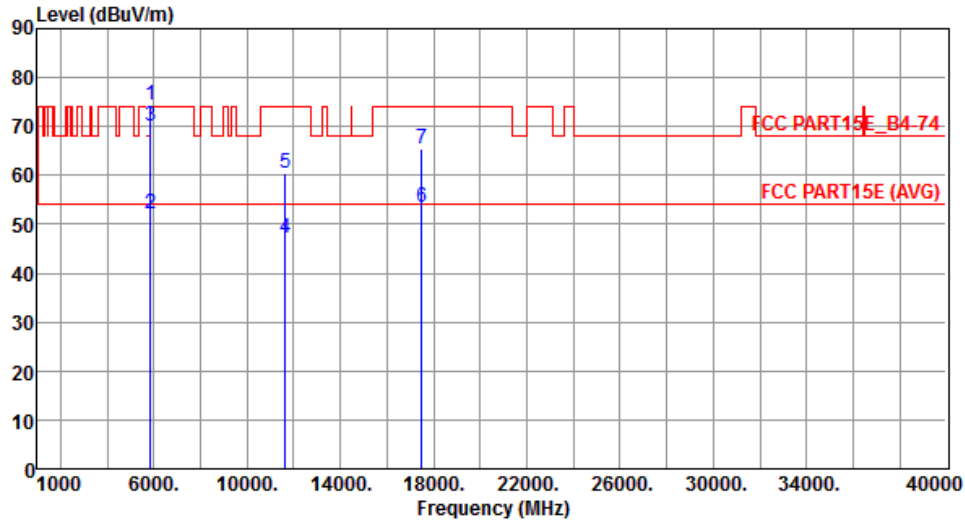
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.18	68.20	-10.02	50.98	7.20	Peak	268	108
2	5725.00	57.97	78.20	-20.23	50.73	7.24	Peak	268	108
3	5850.00	59.14	78.20	-19.06	51.64	7.50	Peak	268	108
4	5860.00	58.49	68.20	-9.71	50.98	7.51	Peak	268	108
5	11570.00	53.80	54.00	-0.20	37.00	16.80	Average	162	358
6	11570.00	65.28	74.00	-8.72	48.48	16.80	Peak	162	358
7	17355.00	51.29	54.00	-2.71	31.80	19.49	Average	151	317
8	17355.00	62.72	68.20	-5.48	43.23	19.49	Peak	151	317

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	74.39	78.20	-3.81	66.89	7.50	Peak	227	197
2	5860.00	52.29	54.00	-1.71	44.78	7.51	Average	227	197
3	5860.00	69.99	74.00	-4.01	62.48	7.51	Peak	227	197
4	11650.00	47.06	54.00	-6.94	30.41	16.65	Average	215	160
5	11650.00	60.30	74.00	-13.70	43.65	16.65	Peak	215	160
6	17475.00	53.36	54.00	-0.64	33.70	19.66	Average	225	140
7	17475.00	65.49	74.00	-8.51	45.83	19.66	Peak	225	140

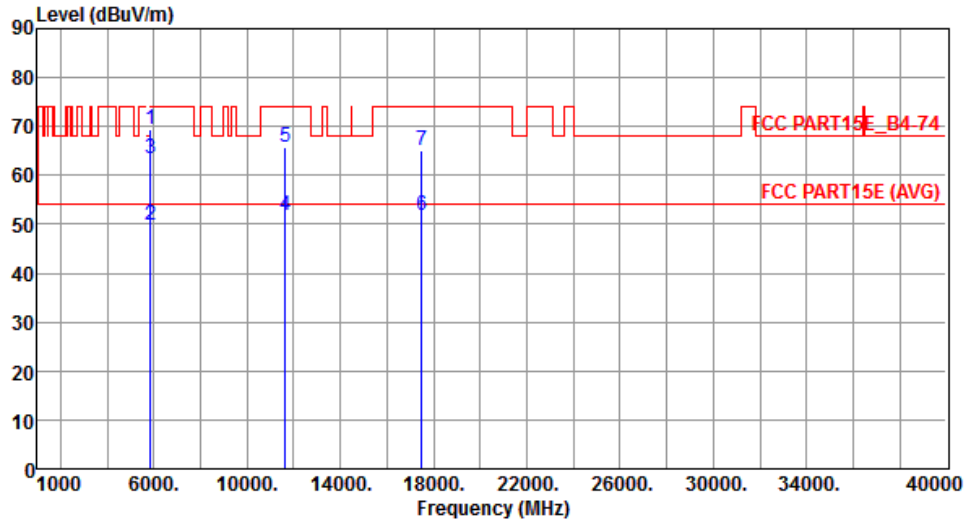
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	69.30	78.20	-8.90	61.80	7.50	Peak	254	80
2	5860.00	49.71	54.00	-4.29	42.20	7.51	Average	254	80
3	5860.00	63.46	74.00	-10.54	55.95	7.51	Peak	254	80
4	11650.00	51.85	54.00	-2.15	35.20	16.65	Average	161	164
5	11650.00	65.61	74.00	-8.39	48.96	16.65	Peak	161	164
6	17475.00	51.96	54.00	-2.04	32.30	19.66	Average	155	155
7	17475.00	65.10	74.00	-8.90	45.44	19.66	Peak	155	155

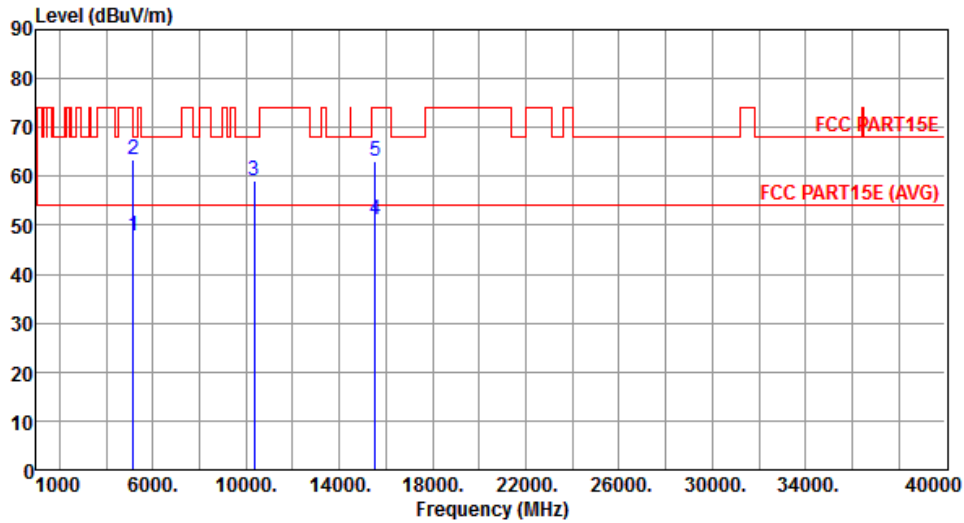
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

### 3.5.10 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT20

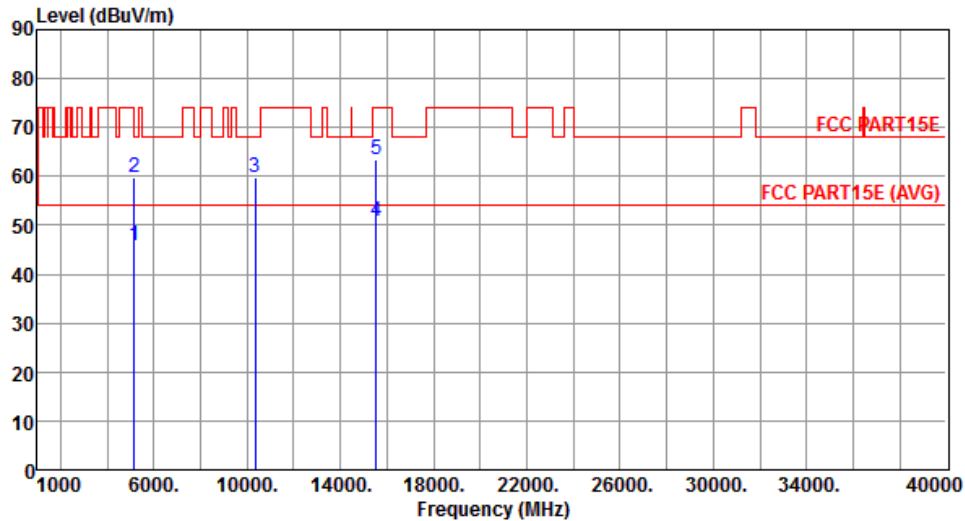
Modulation	HT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	2

	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.89	54.00	-6.11	41.58	6.31	Average	278	22
2	5150.00	63.45	74.00	-10.55	57.14	6.31	Peak	278	22
3	10360.00	59.12	68.20	-9.08	42.78	16.34	Peak	158	116
4	15540.00	51.04	54.00	-2.96	33.54	17.50	Average	161	127
5	15540.00	63.23	74.00	-10.77	45.73	17.50	Peak	161	127

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	2



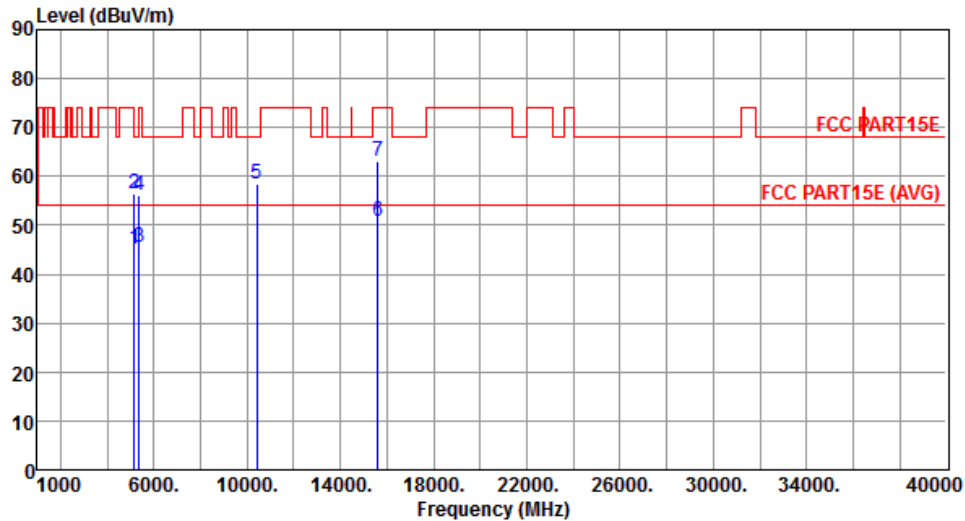
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.89	54.00	-8.11	39.58	6.31	Average	233	119
2	5150.00	59.73	74.00	-14.27	53.42	6.31	Peak	233	119
3	10360.00	59.93	68.20	-8.27	43.59	16.34	Peak	389	184
4	15540.00	50.78	54.00	-3.22	33.28	17.50	Average	163	202
5	15540.00	63.37	74.00	-10.63	45.87	17.50	Peak	163	202

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	2



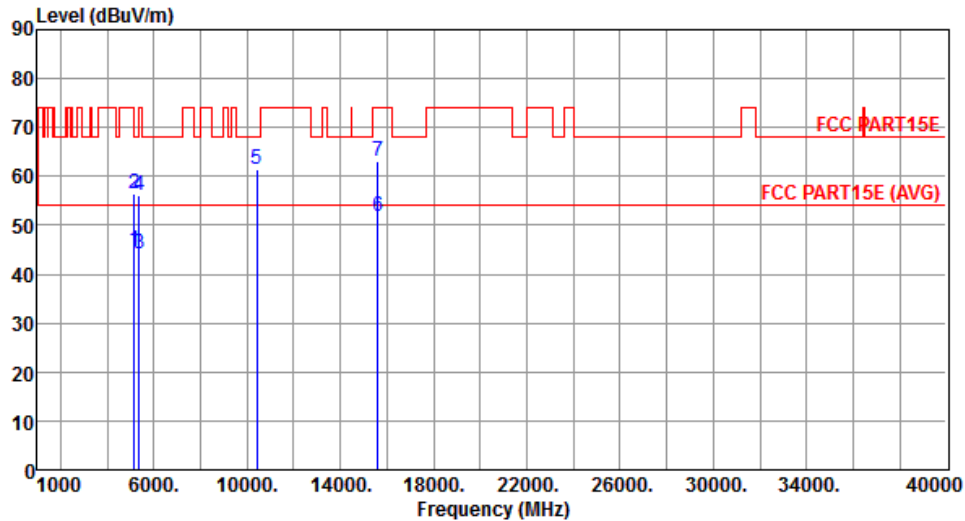
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.27	54.00	-8.73	38.96	6.31	Average	143	11
2	5150.00	56.45	74.00	-17.55	50.14	6.31	Peak	143	11
3	5350.00	45.35	54.00	-8.65	38.73	6.62	Average	143	11
4	5350.00	56.22	74.00	-17.78	49.60	6.62	Peak	143	11
5	10400.00	58.35	68.20	-9.85	41.93	16.42	Peak	289	104
6	15600.00	50.89	54.00	-3.11	33.51	17.38	Average	154	193
7	15600.00	63.02	74.00	-10.98	45.64	17.38	Peak	154	193

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	2



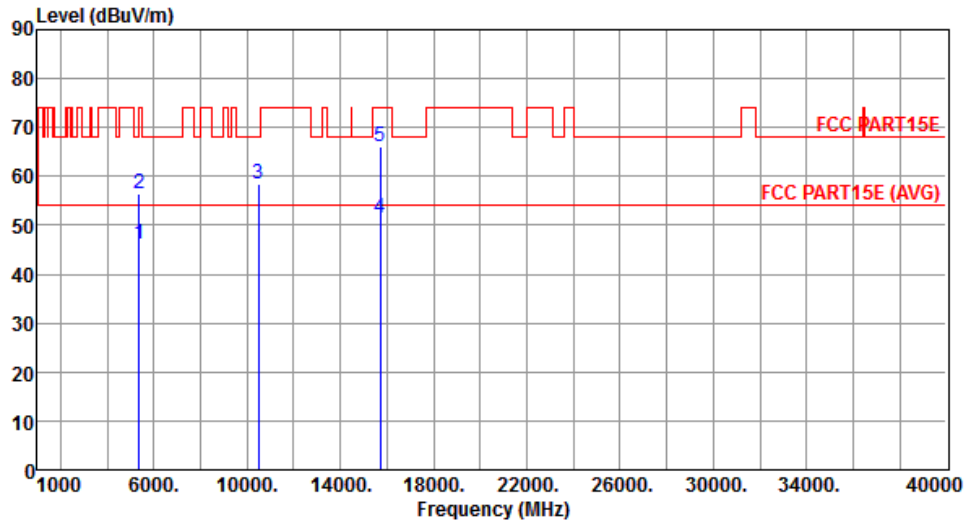
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.90	54.00	-9.10	38.59	6.31	Average	385	342
2	5150.00	56.49	74.00	-17.51	50.18	6.31	Peak	385	342
3	5350.00	44.12	54.00	-9.88	37.50	6.62	Average	385	342
4	5350.00	55.97	74.00	-18.03	49.35	6.62	Peak	385	342
5	10400.00	61.29	68.20	-6.91	44.87	16.42	Peak	383	103
6	15600.00	51.66	54.00	-2.34	34.28	17.38	Average	150	186
7	15600.00	63.12	74.00	-10.88	45.74	17.38	Peak	150	186

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	2



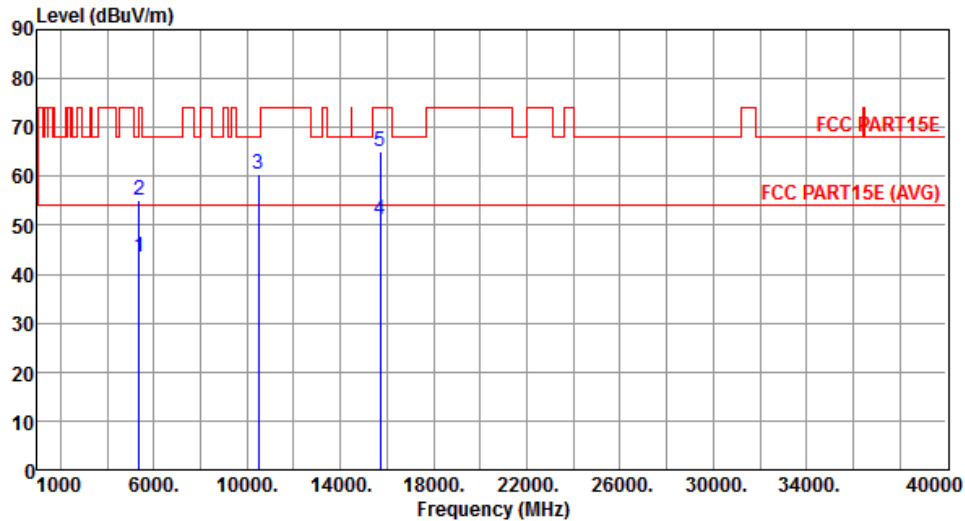
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.11	54.00	-7.89	39.49	6.62	Average	153	3
2	5350.00	56.45	74.00	-17.55	49.83	6.62	Peak	153	3
3	10480.00	58.52	68.20	-9.68	41.96	16.56	Peak	204	247
4	15720.00	51.54	54.00	-2.46	34.39	17.15	Average	211	136
5	15720.00	65.93	74.00	-8.07	48.78	17.15	Peak	211	136

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	2



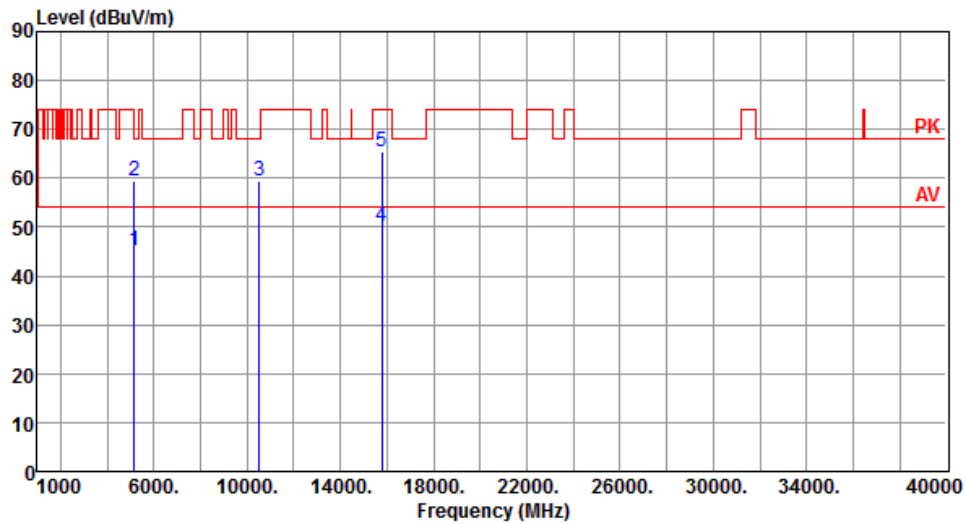
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	43.52	54.00	-10.48	36.90	6.62	Average	374	219
2	5350.00	55.02	74.00	-18.98	48.40	6.62	Peak	374	219
3	10480.00	60.35	68.20	-7.85	43.79	16.56	Peak	356	216
4	15720.00	51.13	54.00	-2.87	33.98	17.15	Average	154	185
5	15720.00	64.93	74.00	-9.07	47.78	17.15	Peak	154	185

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.21	54.00	-8.79	39.00	6.21	Average	205	349
2	5150.00	59.31	74.00	-14.69	53.10	6.21	Peak	205	349
3	10520.00	59.42	68.20	-8.78	43.54	15.88	Peak	250	261
4	15780.00	50.26	54.00	-3.74	34.35	15.91	Average	265	152
5	15780.00	65.31	74.00	-8.69	49.40	15.91	Peak	265	152

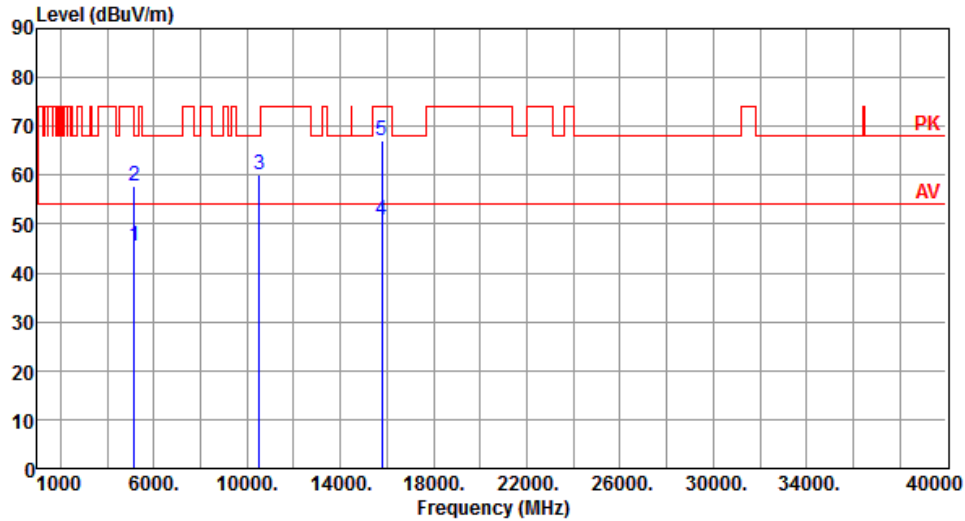
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	2



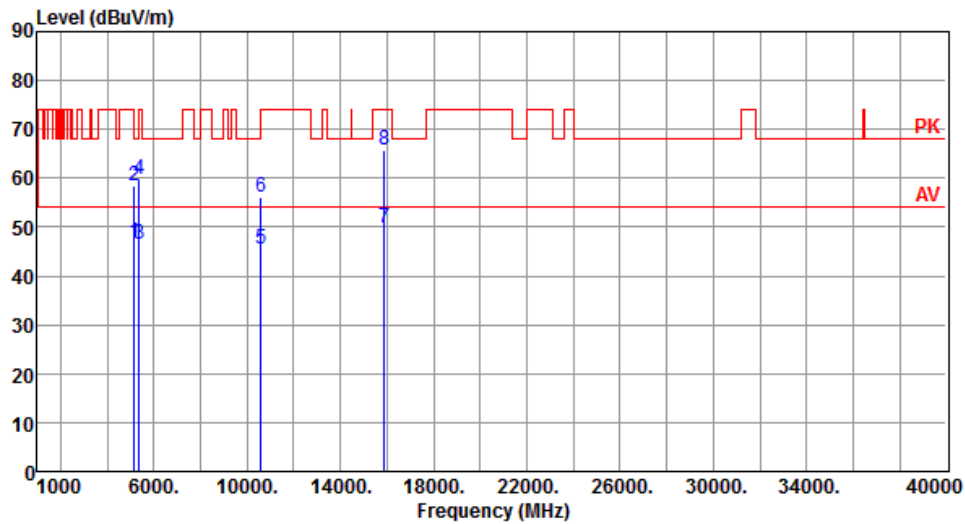
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.49	54.00	-8.51	39.28	6.21	Average	253	85
2	5150.00	57.69	74.00	-16.31	51.48	6.21	Peak	253	85
3	10520.00	60.01	68.20	-8.19	44.13	15.88	Peak	270	193
4	15780.00	50.76	54.00	-3.24	34.85	15.91	Average	149	186
5	15780.00	67.21	74.00	-6.79	51.30	15.91	Peak	149	186

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	2



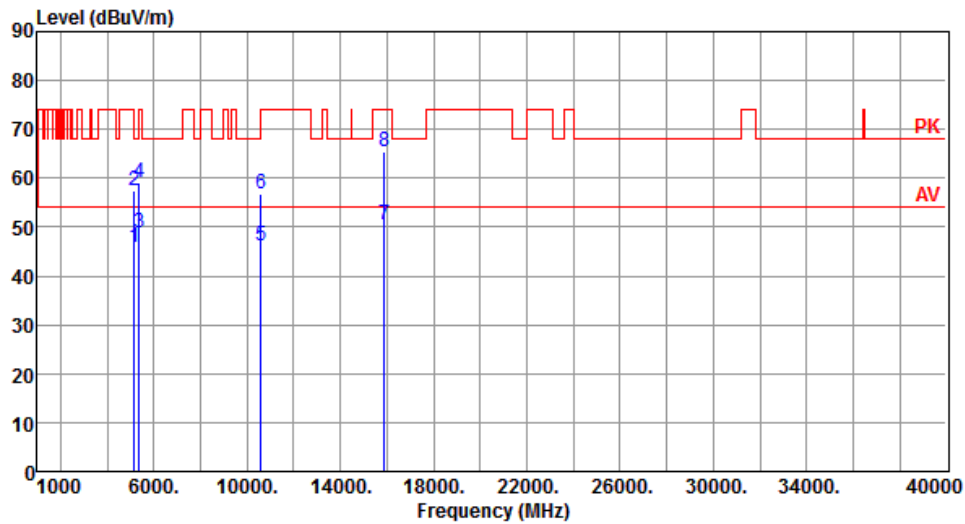
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.89	54.00	-7.11	40.68	6.21	Average	160	9
2	5150.00	58.36	74.00	-15.64	52.15	6.21	Peak	160	9
3	5350.00	46.36	54.00	-7.64	39.91	6.45	Average	160	9
4	5350.00	59.85	74.00	-14.15	53.40	6.45	Peak	160	9
5	10600.00	45.48	54.00	-8.52	29.49	15.99	Average	230	120
6	10600.00	56.26	74.00	-17.74	40.27	15.99	Peak	230	120
7	15900.00	49.89	54.00	-4.11	34.22	15.67	Average	240	125
8	15900.00	65.85	74.00	-8.15	50.18	15.67	Peak	240	125

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	2



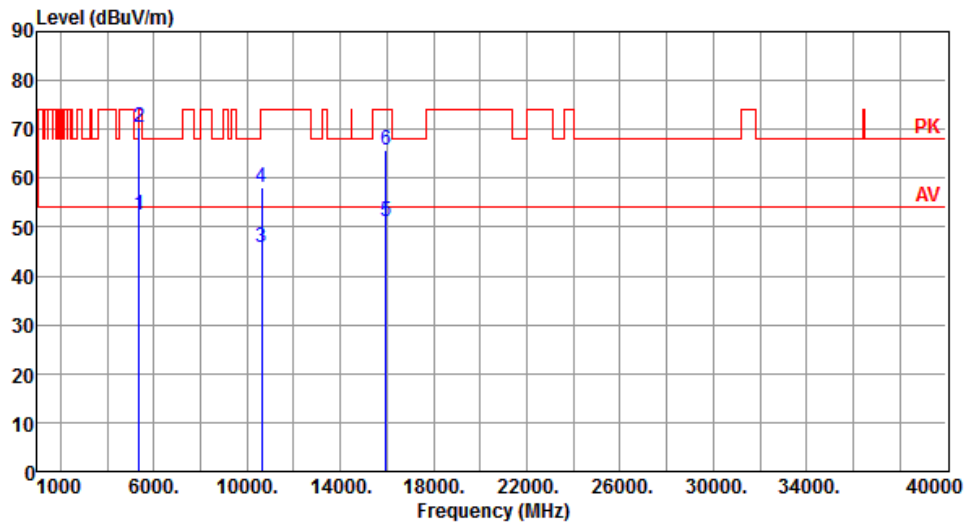
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.88	54.00	-8.12	39.67	6.21	Average	149	323
2	5150.00	57.41	74.00	-16.59	51.20	6.21	Peak	149	323
3	5350.00	48.66	54.00	-5.34	42.21	6.45	Average	149	323
4	5350.00	59.18	74.00	-14.82	52.73	6.45	Peak	149	323
5	10600.00	46.02	54.00	-7.98	30.03	15.99	Average	150	330
6	10600.00	56.81	74.00	-17.19	40.82	15.99	Peak	150	330
7	15900.00	50.36	54.00	-3.64	34.69	15.67	Average	149	192
8	15900.00	65.39	74.00	-8.61	49.72	15.67	Peak	149	192

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	2



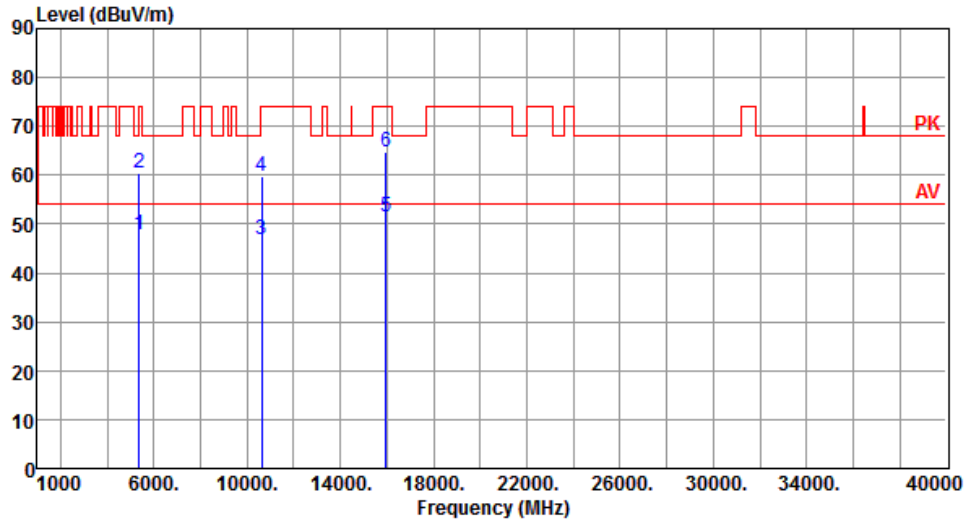
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	52.46	54.00	-1.54	46.01	6.45	Average	240	180
2	5350.00	70.55	74.00	-3.45	64.10	6.45	Peak	240	180
3	10640.00	45.88	54.00	-8.12	29.82	16.06	Average	150	191
4	10640.00	58.23	74.00	-15.77	42.17	16.06	Peak	150	191
5	15960.00	51.26	54.00	-2.74	35.71	15.55	Average	150	190
6	15960.00	65.82	74.00	-8.18	50.27	15.55	Peak	150	190

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	2



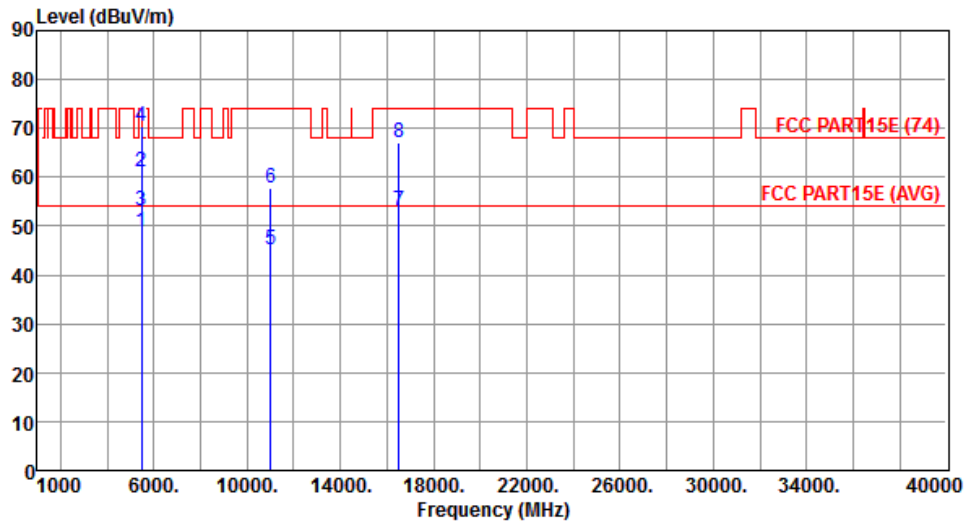
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	47.89	54.00	-6.11	41.44	6.45	Average	330	249
2	5350.00	60.37	74.00	-13.63	53.92	6.45	Peak	330	249
3	10640.00	46.83	54.00	-7.17	30.77	16.06	Average	149	183
4	10640.00	59.66	74.00	-14.34	43.60	16.06	Peak	149	183
5	15960.00	51.32	54.00	-2.68	35.77	15.55	Average	149	185
6	15960.00	64.69	74.00	-9.31	49.14	15.55	Peak	149	185

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5500
Polarization	Horizontal	Test Configuration	2



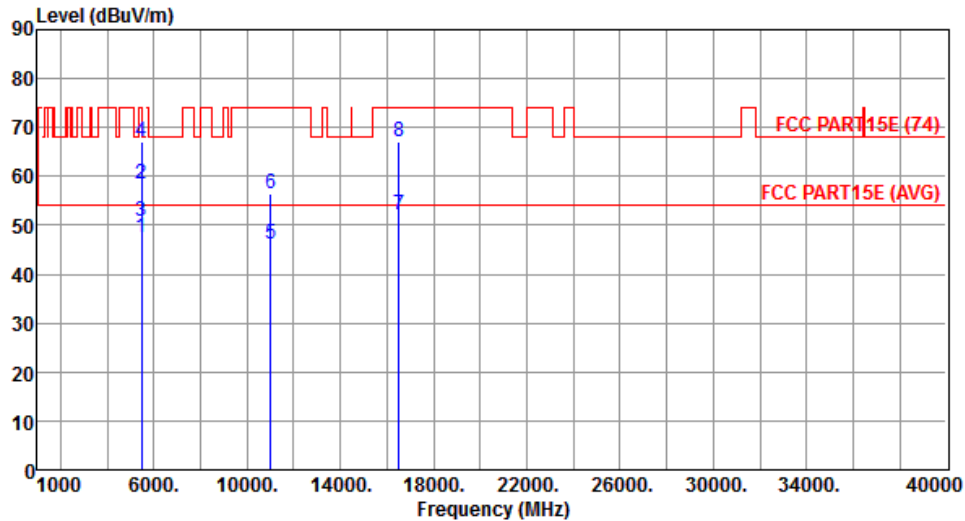
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.87	54.00	-5.13	42.11	6.76	Average	161	17
2	5460.00	61.15	74.00	-12.85	54.39	6.76	Peak	161	17
3	5470.00	53.20	54.00	-0.80	46.43	6.77	Average	161	17
4	5470.00	70.24	74.00	-3.76	63.47	6.77	Peak	161	17
5	11000.00	45.03	54.00	-8.97	28.31	16.72	Average	254	143
6	11000.00	57.63	74.00	-16.37	40.91	16.72	Peak	254	143
7	16500.00	53.12	54.00	-0.88	35.25	17.87	Average	154	132
8	16500.00	67.18	74.00	-6.82	49.31	17.87	Peak	154	132

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	2



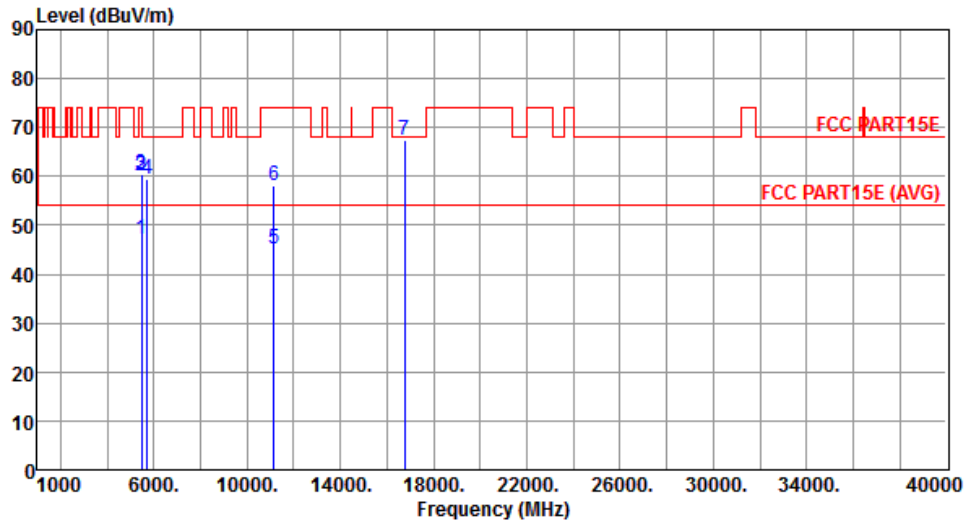
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.60	54.00	-6.40	40.84	6.76	Average	395	118
2	5460.00	58.47	74.00	-15.53	51.71	6.76	Peak	395	118
3	5470.00	50.86	54.00	-3.14	44.09	6.77	Average	395	118
4	5470.00	67.08	74.00	-6.92	60.31	6.77	Peak	395	118
5	11000.00	46.26	54.00	-7.74	29.54	16.72	Average	216	4
6	11000.00	56.33	74.00	-17.67	39.61	16.72	Peak	216	4
7	16500.00	52.24	54.00	-1.76	34.37	17.87	Average	158	186
8	16500.00	67.13	74.00	-6.87	49.26	17.87	Peak	158	186

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.10	54.00	-6.90	40.34	6.76	Average	250	147
2	5460.00	60.24	74.00	-13.76	53.48	6.76	Peak	250	147
3	5470.00	60.54	68.20	-7.66	53.77	6.77	Peak	250	147
4	5725.00	59.59	68.20	-8.61	52.35	7.24	Peak	250	147
5	11160.00	45.21	54.00	-8.79	28.42	16.79	Average	250	147
6	11160.00	57.96	74.00	-16.04	41.17	16.79	Peak	250	147
7	16740.00	67.53	68.20	-0.67	49.13	18.40	Peak	250	147

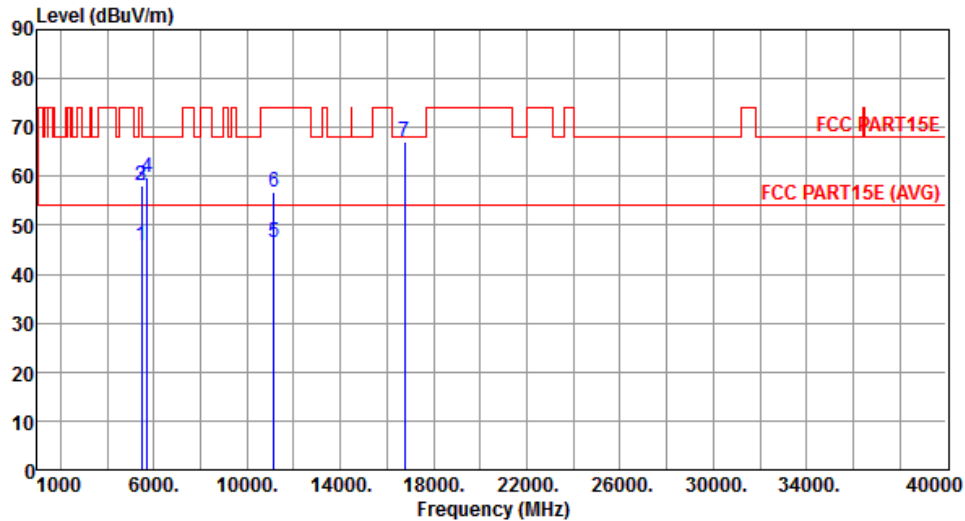
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT20	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	2



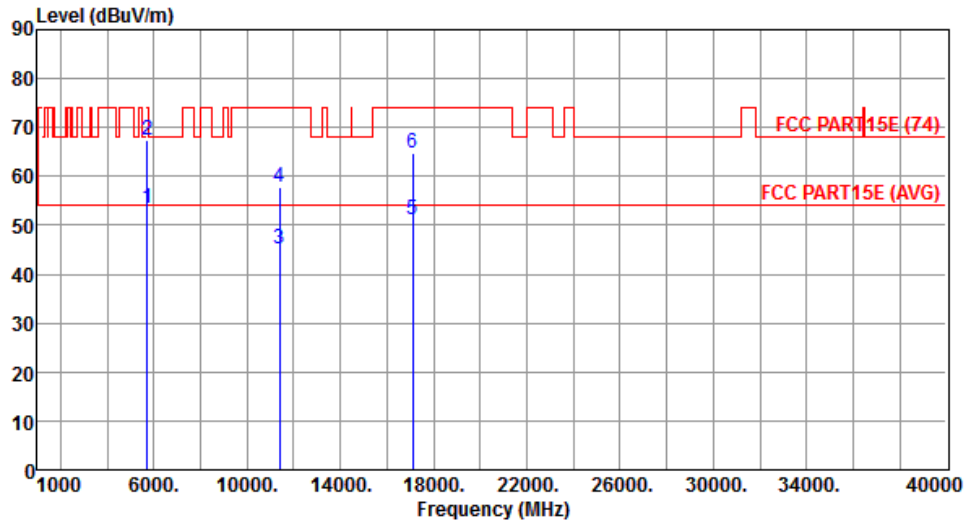
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.74	54.00	-8.26	38.98	6.76	Average	253	56
2	5460.00	58.10	74.00	-15.90	51.34	6.76	Peak	253	56
3	5470.00	58.15	68.20	-10.05	51.38	6.77	Peak	253	56
4	5725.00	59.67	68.20	-8.53	52.43	7.24	Peak	150	202
5	11160.00	46.63	54.00	-7.37	29.84	16.79	Average	212	2
6	11160.00	56.67	74.00	-17.33	39.88	16.79	Peak	212	2
7	16740.00	66.93	68.20	-1.27	48.53	18.40	Peak	150	202

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	2



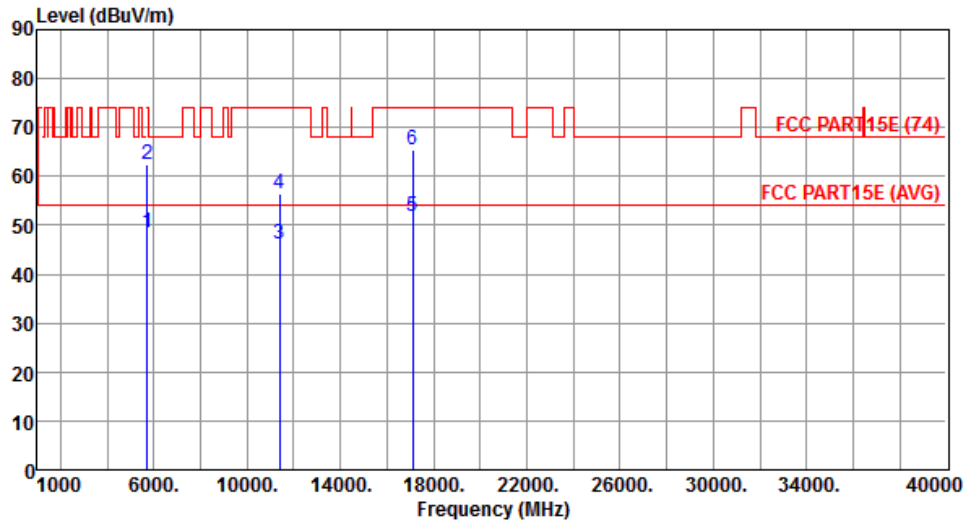
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	53.33	54.00	-0.67	46.09	7.24	Average	150	17
2	5725.00	67.31	74.00	-6.69	60.07	7.24	Peak	150	17
3	11400.00	45.26	54.00	-8.74	28.38	16.88	Average	253	144
4	11400.00	57.64	74.00	-16.36	40.76	16.88	Peak	253	144
5	17100.00	51.13	54.00	-2.87	32.01	19.12	Average	153	138
6	17100.00	64.84	74.00	-9.16	45.72	19.12	Peak	153	138

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	2



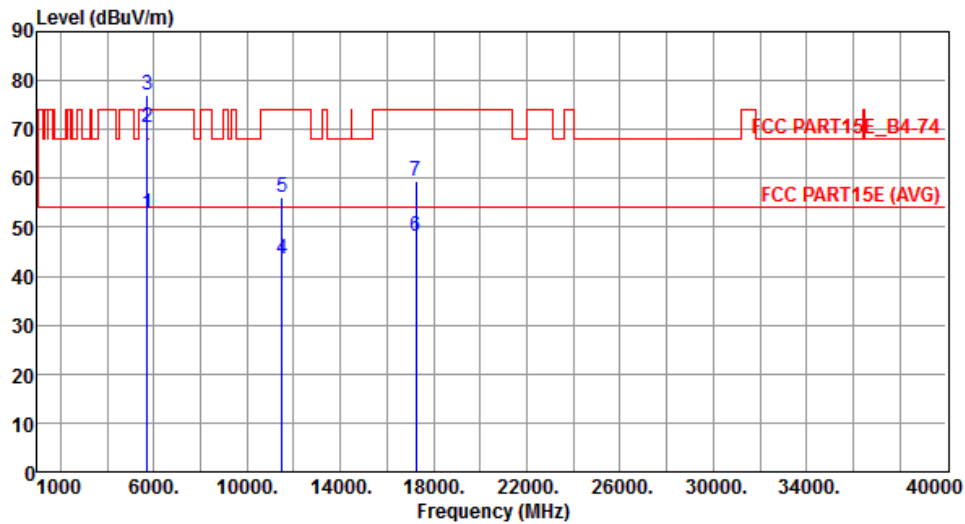
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	48.39	54.00	-5.61	41.15	7.24	Average	380	118
2	5725.00	62.34	74.00	-11.66	55.10	7.24	Peak	380	118
3	11400.00	46.28	54.00	-7.72	29.40	16.88	Average	214	5
4	11400.00	56.54	74.00	-17.46	39.66	16.88	Peak	214	5
5	17100.00	51.72	54.00	-2.28	32.60	19.12	Average	150	211
6	17100.00	65.49	74.00	-8.51	46.37	19.12	Peak	150	211

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	2



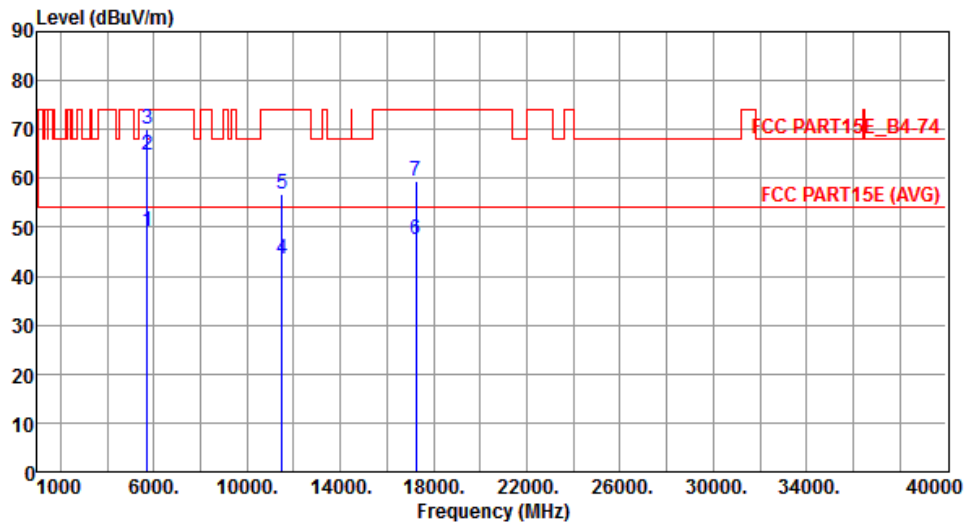
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.67	54.00	-1.33	45.47	7.20	Average	188	184
2	5715.00	70.47	74.00	-3.53	63.27	7.20	Peak	188	184
3	5725.00	76.96	78.20	-1.24	69.72	7.24	Peak	188	184
4	11490.00	43.35	54.00	-10.65	26.44	16.91	Average	203	151
5	11490.00	56.07	74.00	-17.93	39.16	16.91	Peak	203	151
6	17235.00	48.20	54.00	-5.80	28.88	19.32	Average	290	106
7	17235.00	59.58	74.00	-14.42	40.26	19.32	Peak	290	106

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	2



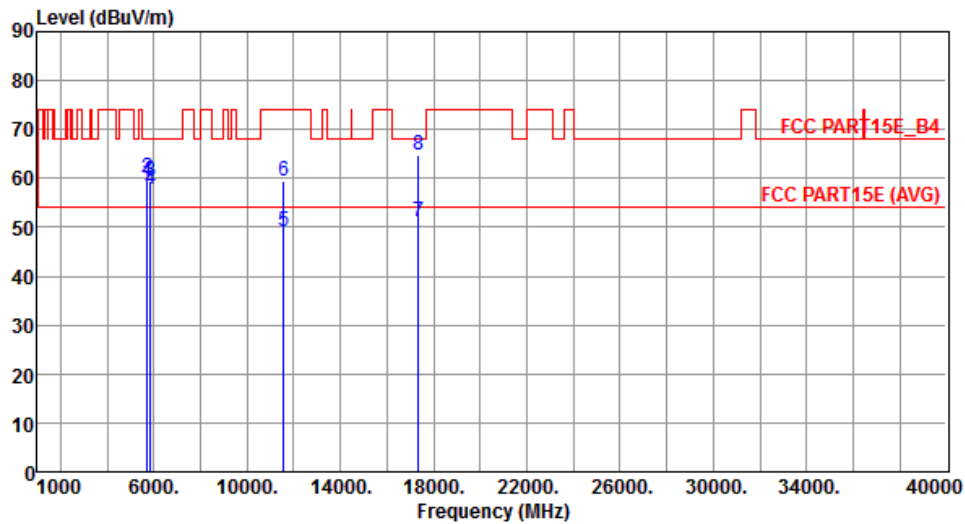
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	49.02	54.00	-4.98	41.82	7.20	Average	377	123
2	5715.00	64.65	74.00	-9.35	57.45	7.20	Peak	377	123
3	5725.00	70.22	78.20	-7.98	62.98	7.24	Peak	377	123
4	11490.00	43.43	54.00	-10.57	26.52	16.91	Average	231	89
5	11490.00	56.70	74.00	-17.30	39.79	16.91	Peak	231	89
6	17235.00	47.42	54.00	-6.58	28.10	19.32	Average	150	203
7	17235.00	59.42	74.00	-14.58	40.10	19.32	Peak	150	203

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	2



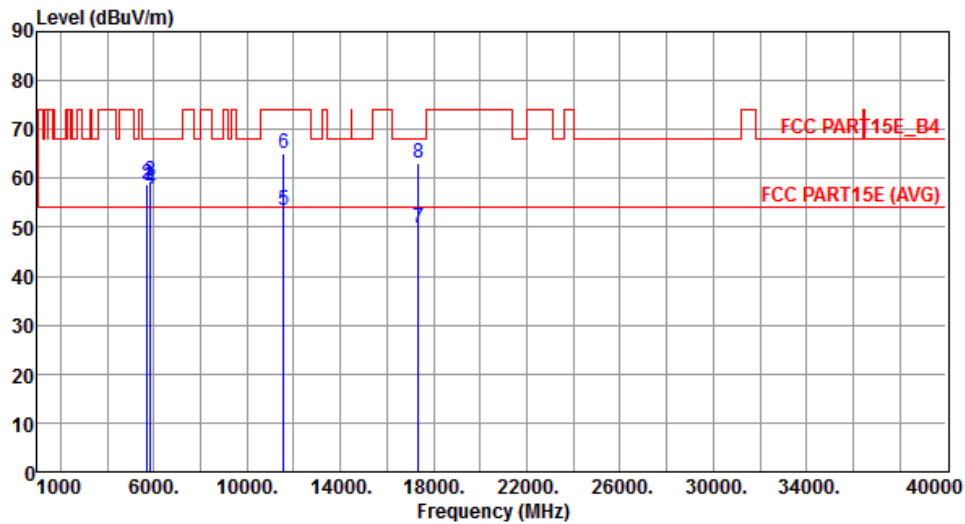
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	59.27	68.20	-8.93	52.07	7.20	Peak	214	332
2	5725.00	59.99	78.20	-18.21	52.75	7.24	Peak	214	332
3	5850.00	59.52	78.20	-18.68	52.02	7.50	Peak	214	332
4	5860.00	57.80	68.20	-10.40	50.29	7.51	Peak	214	332
5	11570.00	49.25	54.00	-4.75	32.45	16.80	Average	234	179
6	11570.00	59.33	74.00	-14.67	42.53	16.80	Peak	234	179
7	17355.00	51.15	54.00	-2.85	31.66	19.49	Average	224	112
8	17355.00	64.80	68.20	-3.40	45.31	19.49	Peak	224	112

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	2



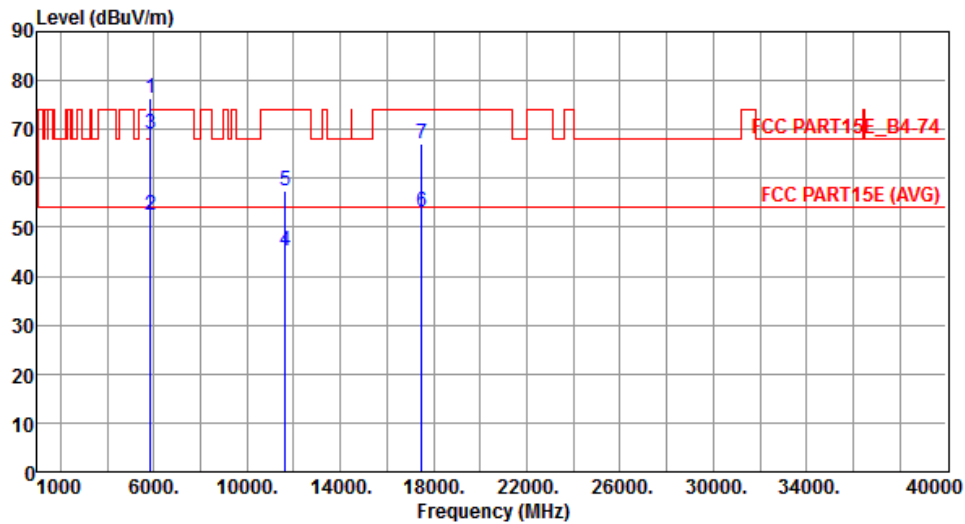
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.61	68.20	-9.59	51.41	7.20	Peak	275	71
2	5725.00	58.69	78.20	-19.51	51.45	7.24	Peak	275	71
3	5850.00	59.59	78.20	-18.61	52.09	7.50	Peak	275	71
4	5860.00	57.74	68.20	-10.46	50.23	7.51	Peak	275	71
5	11570.00	53.62	54.00	-0.38	36.82	16.80	Average	150	202
6	11570.00	65.12	74.00	-8.88	48.32	16.80	Peak	150	202
7	17355.00	49.89	54.00	-4.11	30.40	19.49	Average	215	170
8	17355.00	63.15	68.20	-5.05	43.66	19.49	Peak	215	170

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	76.45	78.20	-1.75	68.95	7.50	Peak	229	198
2	5860.00	52.46	54.00	-1.54	44.95	7.51	Average	229	198
3	5860.00	68.94	74.00	-5.06	61.43	7.51	Peak	229	198
4	11650.00	45.21	54.00	-8.79	28.56	16.65	Average	150	160
5	11650.00	57.50	74.00	-16.50	40.85	16.65	Peak	150	160
6	17475.00	53.11	54.00	-0.89	33.45	19.66	Average	227	139
7	17475.00	66.96	74.00	-7.04	47.30	19.66	Peak	227	139

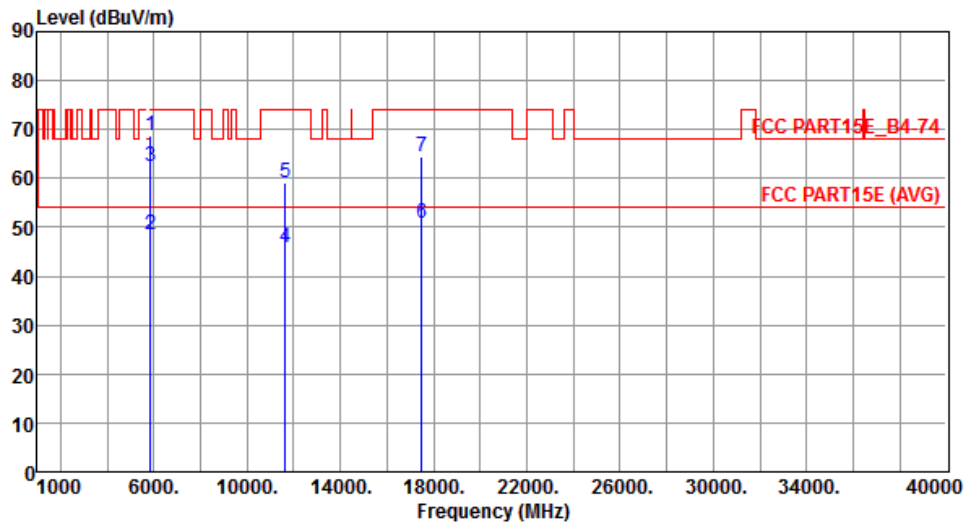
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT20	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	68.63	78.20	-9.57	61.13	7.50	Peak	334	122
2	5860.00	48.43	54.00	-5.57	40.92	7.51	Average	334	122
3	5860.00	62.30	74.00	-11.70	54.79	7.51	Peak	334	122
4	11650.00	45.95	54.00	-8.05	29.30	16.65	Average	208	205
5	11650.00	59.15	74.00	-14.85	42.50	16.65	Peak	208	205
6	17475.00	50.89	54.00	-3.11	31.23	19.66	Average	215	169
7	17475.00	64.51	74.00	-9.49	44.85	19.66	Peak	215	169

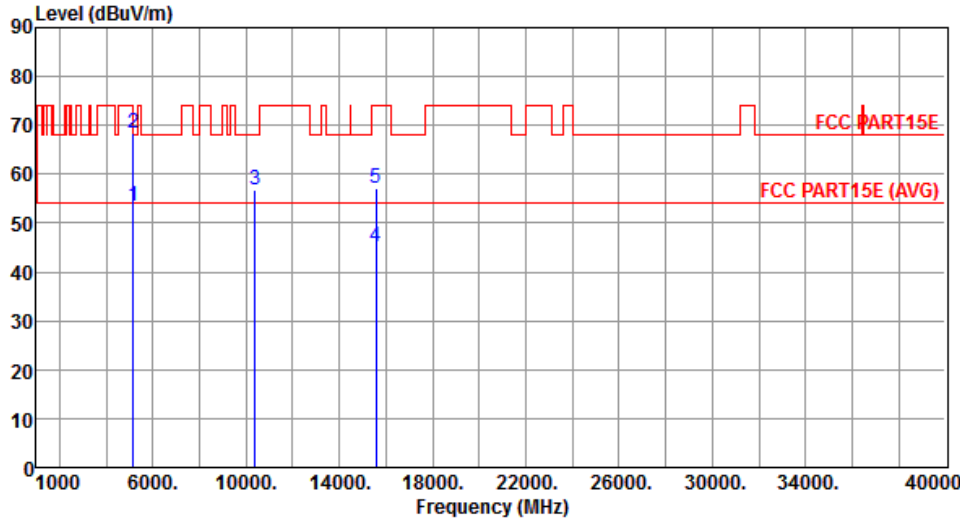
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

### 3.5.11 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT40

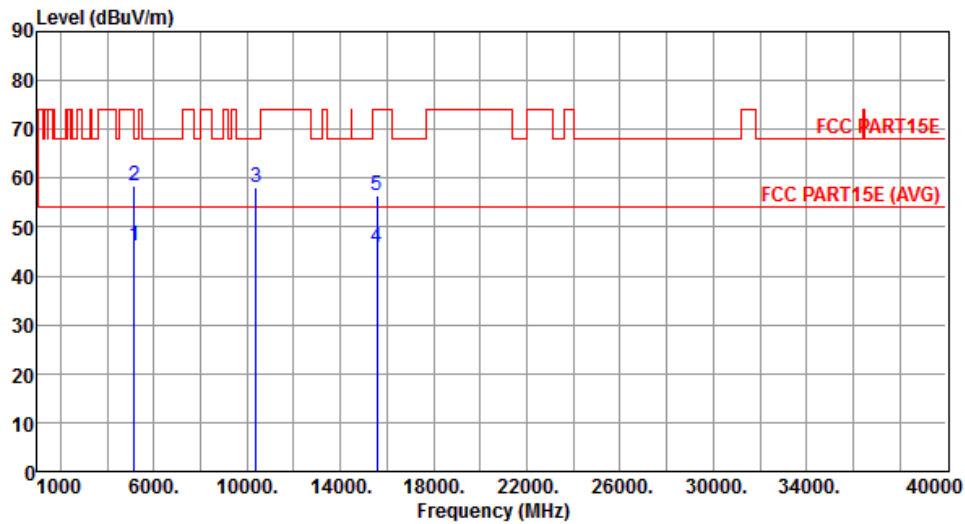
Modulation	HT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	2

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	53.34	54.00	-0.66	47.03	6.31	Average	150	204
2	5150.00	68.32	74.00	-5.68	62.01	6.31	Peak	150	204
3	10380.00	56.63	68.20	-11.57	40.26	16.37	Peak	294	175
4	15570.00	45.09	54.00	-8.91	27.66	17.43	Average	170	204
5	15570.00	57.02	74.00	-16.98	39.59	17.43	Peak	170	204

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	2



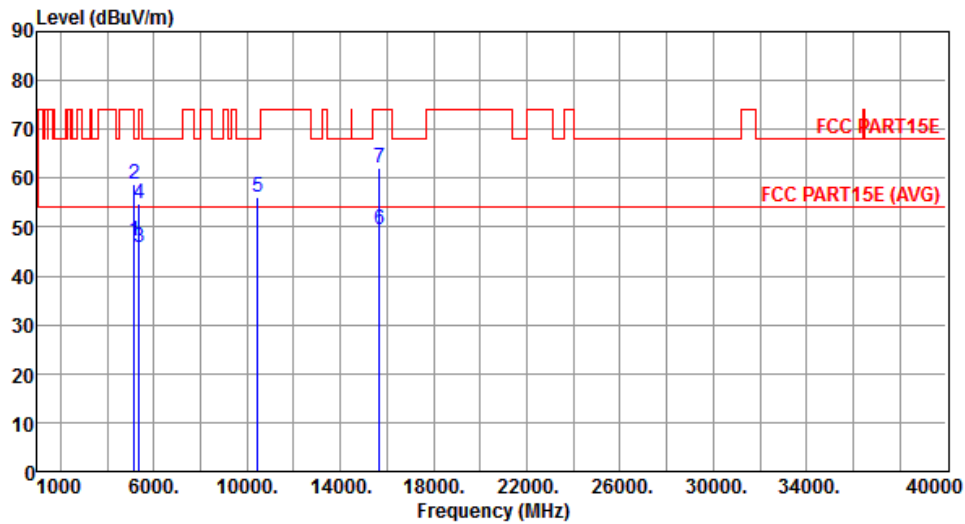
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.02	54.00	-7.98	39.71	6.31	Average	295	80
2	5150.00	58.41	74.00	-15.59	52.10	6.31	Peak	295	80
3	10380.00	58.10	68.20	-10.10	41.73	16.37	Peak	343	211
4	15570.00	45.72	54.00	-8.28	28.29	17.43	Average	150	204
5	15570.00	56.61	74.00	-17.39	39.18	17.43	Peak	150	204

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	2



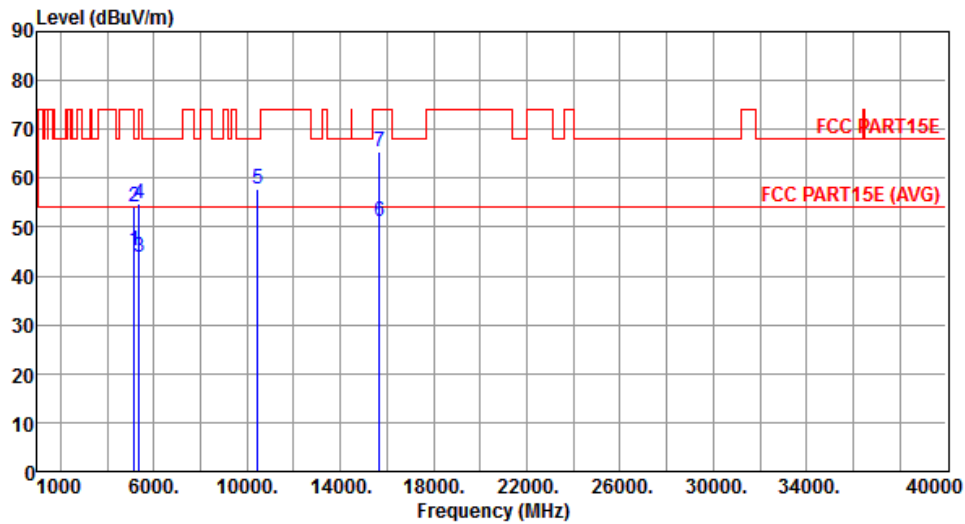
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.30	54.00	-6.70	40.99	6.31	Average	154	1
2	5150.00	58.78	74.00	-15.22	52.47	6.31	Peak	154	1
3	5350.00	45.86	54.00	-8.14	39.24	6.62	Average	154	1
4	5350.00	54.73	74.00	-19.27	48.11	6.62	Peak	154	1
5	10460.00	56.05	68.20	-12.15	39.52	16.53	Peak	169	163
6	15690.00	49.35	54.00	-4.65	32.13	17.22	Average	271	138
7	15690.00	62.11	74.00	-11.89	44.89	17.22	Peak	271	138

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	2



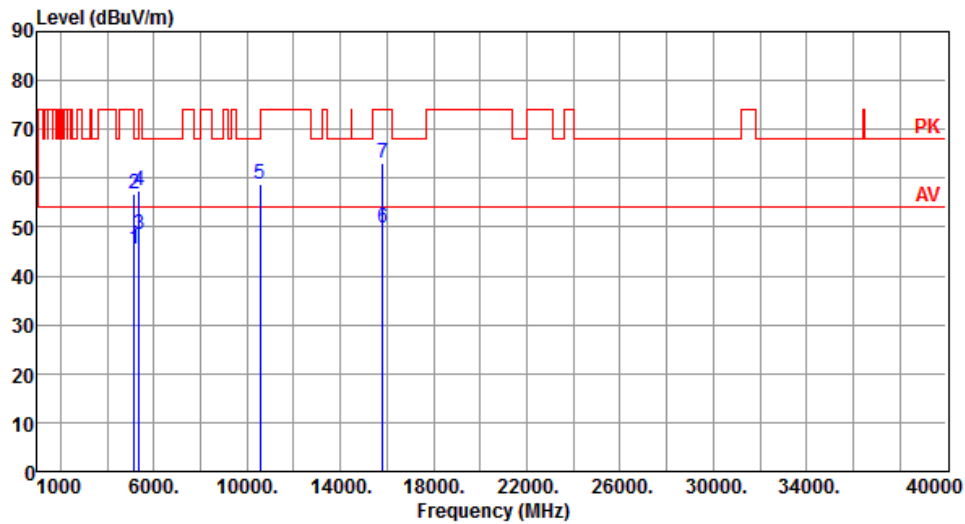
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.32	54.00	-8.68	39.01	6.31	Average	368	291
2	5150.00	54.22	74.00	-19.78	47.91	6.31	Peak	368	291
3	5350.00	43.93	54.00	-10.07	37.31	6.62	Average	368	291
4	5350.00	54.76	74.00	-19.24	48.14	6.62	Peak	368	291
5	10460.00	57.75	68.20	-10.45	41.22	16.53	Peak	368	291
6	15690.00	51.12	54.00	-2.88	33.90	17.22	Average	154	182
7	15690.00	65.44	74.00	-8.56	48.22	17.22	Peak	154	182

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	2



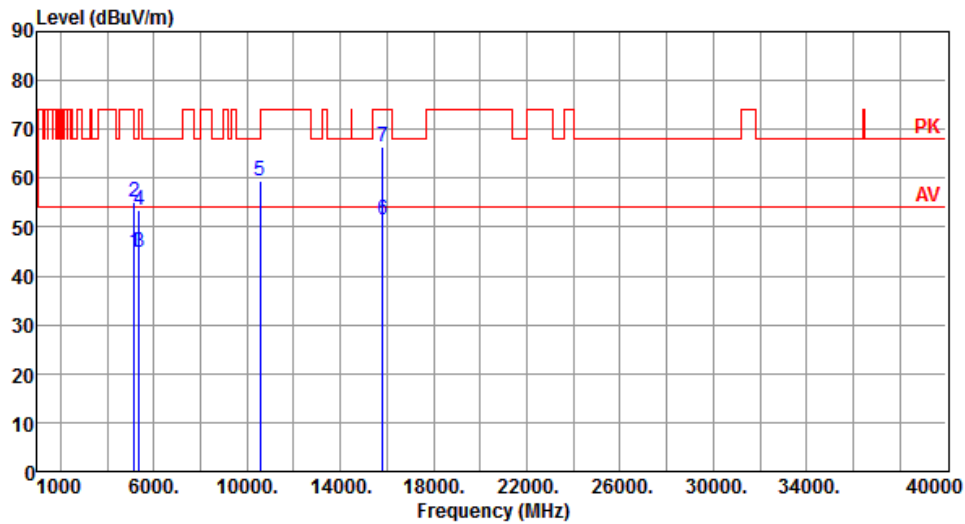
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.55	54.00	-8.45	39.34	6.21	Average	210	205
2	5150.00	56.69	74.00	-17.31	50.48	6.21	Peak	210	205
3	5350.00	48.46	54.00	-5.54	42.01	6.45	Average	210	205
4	5350.00	57.39	74.00	-16.61	50.94	6.45	Peak	210	205
5	10540.00	58.77	68.20	-9.43	42.87	15.90	Peak	170	163
6	15810.00	49.89	54.00	-4.11	34.04	15.85	Average	185	126
7	15810.00	63.06	74.00	-10.94	47.21	15.85	Peak	185	126

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	2



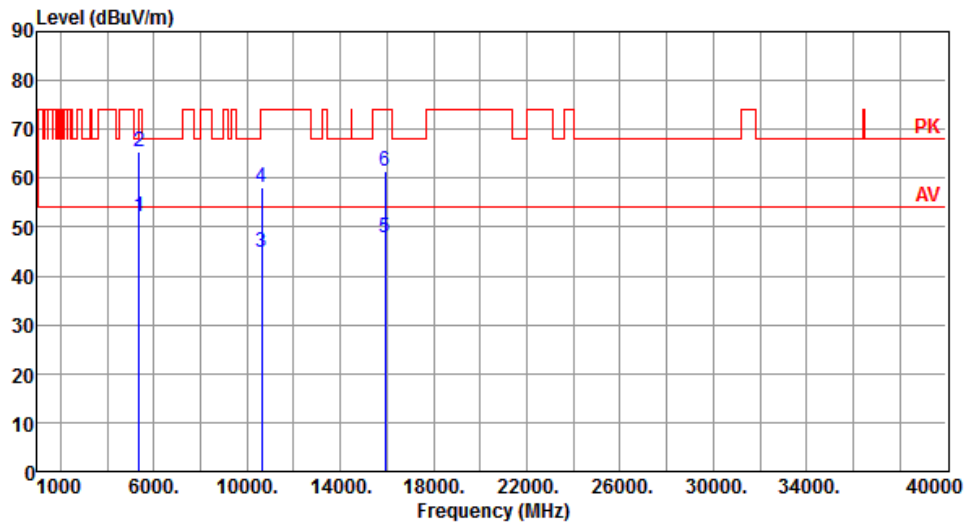
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	44.76	54.00	-9.24	38.55	6.21	Average	360	210
2	5150.00	55.26	74.00	-18.74	49.05	6.21	Peak	360	210
3	5350.00	44.69	54.00	-9.31	38.24	6.45	Average	360	210
4	5350.00	53.46	74.00	-20.54	47.01	6.45	Peak	360	210
5	10540.00	59.49	68.20	-8.71	43.59	15.90	Peak	395	212
6	15810.00	51.45	54.00	-2.55	35.60	15.85	Average	147	178
7	15810.00	66.36	74.00	-7.64	50.51	15.85	Peak	147	178

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	52.29	54.00	-1.71	45.84	6.45	Average	210	350
2	5350.00	65.26	74.00	-8.74	58.81	6.45	Peak	210	350
3	10620.00	44.95	54.00	-9.05	28.93	16.02	Average	172	163
4	10620.00	57.96	74.00	-16.04	41.94	16.02	Peak	172	163
5	15930.00	47.79	54.00	-6.21	32.18	15.61	Average	240	132
6	15930.00	61.49	74.00	-12.51	45.88	15.61	Peak	240	132

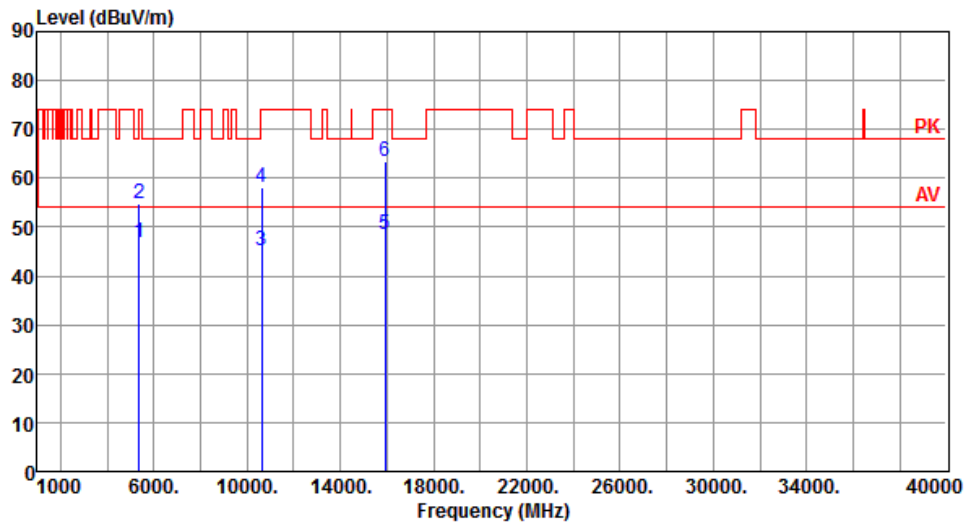
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	HT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	2



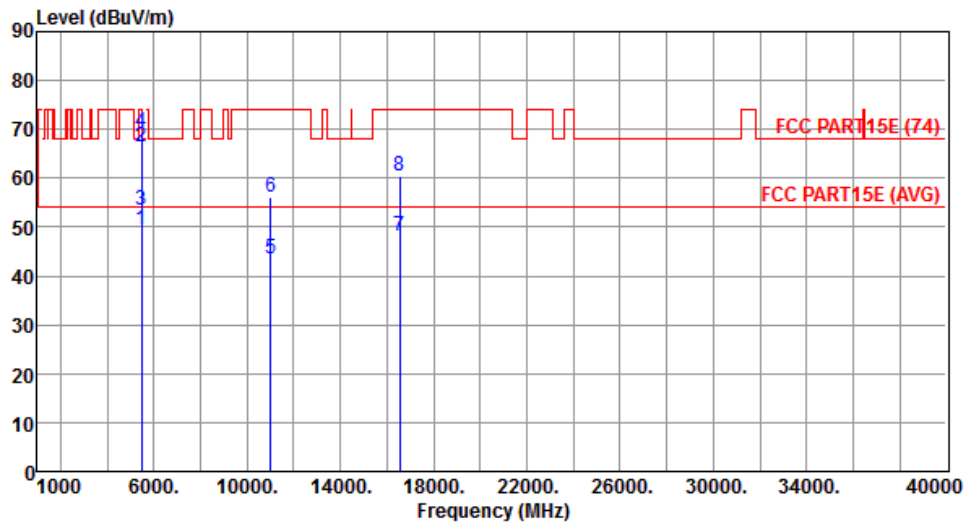
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	46.87	54.00	-7.13	40.42	6.45	Average	279	83
2	5350.00	54.87	74.00	-19.13	48.42	6.45	Peak	279	83
3	10620.00	45.09	54.00	-8.91	29.07	16.02	Average	378	180
4	10620.00	58.12	74.00	-15.88	42.10	16.02	Peak	378	180
5	15930.00	48.34	54.00	-5.66	32.73	15.61	Average	160	187
6	15930.00	63.48	74.00	-10.52	47.87	15.61	Peak	160	187

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	2



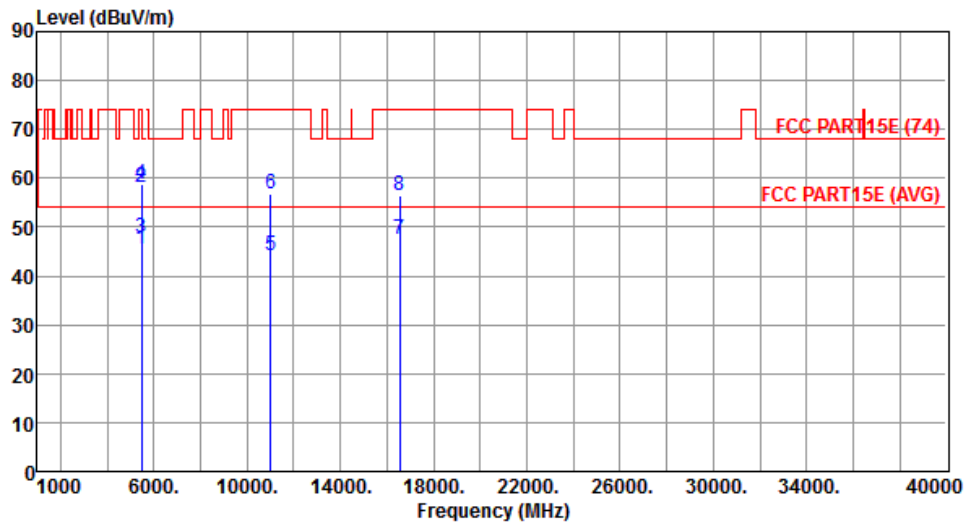
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	49.63	54.00	-4.37	42.87	6.76	Average	243	184
2	5460.00	66.48	74.00	-7.52	59.72	6.76	Peak	243	184
3	5470.00	53.63	54.00	-0.37	46.86	6.77	Average	243	184
4	5470.00	69.34	74.00	-4.66	62.57	6.77	Peak	243	184
5	11020.00	43.46	54.00	-10.54	26.73	16.73	Average	170	160
6	11020.00	56.18	74.00	-17.82	39.45	16.73	Peak	170	160
7	16530.00	48.05	54.00	-5.95	30.11	17.94	Average	150	127
8	16530.00	60.57	74.00	-13.43	42.63	17.94	Peak	150	127

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	2



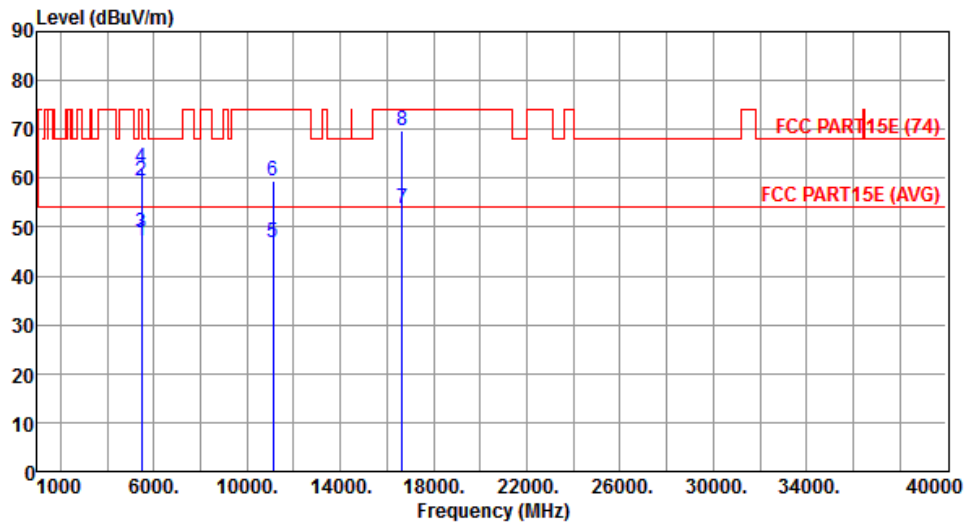
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.65	54.00	-8.35	38.89	6.76	Average	250	109
2	5460.00	58.05	74.00	-15.95	51.29	6.76	Peak	250	109
3	5470.00	47.76	54.00	-6.24	40.99	6.77	Average	250	109
4	5470.00	58.84	74.00	-15.16	52.07	6.77	Peak	250	109
5	11020.00	44.03	54.00	-9.97	27.30	16.73	Average	384	192
6	11020.00	56.93	74.00	-17.07	40.20	16.73	Peak	384	192
7	16530.00	47.44	54.00	-6.56	29.50	17.94	Average	150	191
8	16530.00	56.54	74.00	-17.46	38.60	17.94	Peak	150	191

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	2



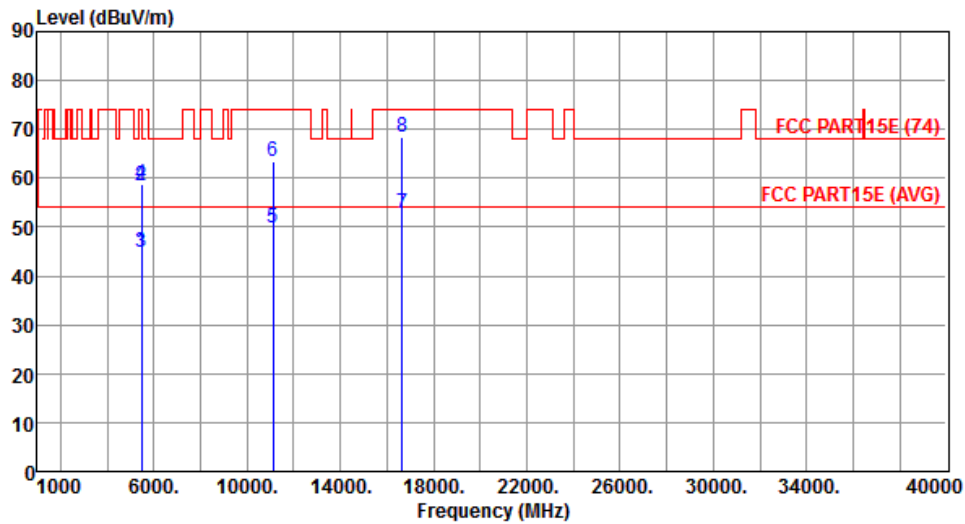
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.26	54.00	-6.74	40.50	6.76	Average	150	361
2	5460.00	59.46	74.00	-14.54	52.70	6.76	Peak	150	361
3	5470.00	48.87	54.00	-5.13	42.10	6.77	Average	150	361
4	5470.00	62.10	74.00	-11.90	55.33	6.77	Peak	150	361
5	11100.00	46.75	54.00	-7.25	29.99	16.76	Average	168	209
6	11100.00	59.40	74.00	-14.60	42.64	16.76	Peak	150	188
7	16650.00	53.73	54.00	-0.27	35.53	18.20	Average	239	117
8	16650.00	69.75	74.00	-4.25	51.55	18.20	Peak	239	117

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	2



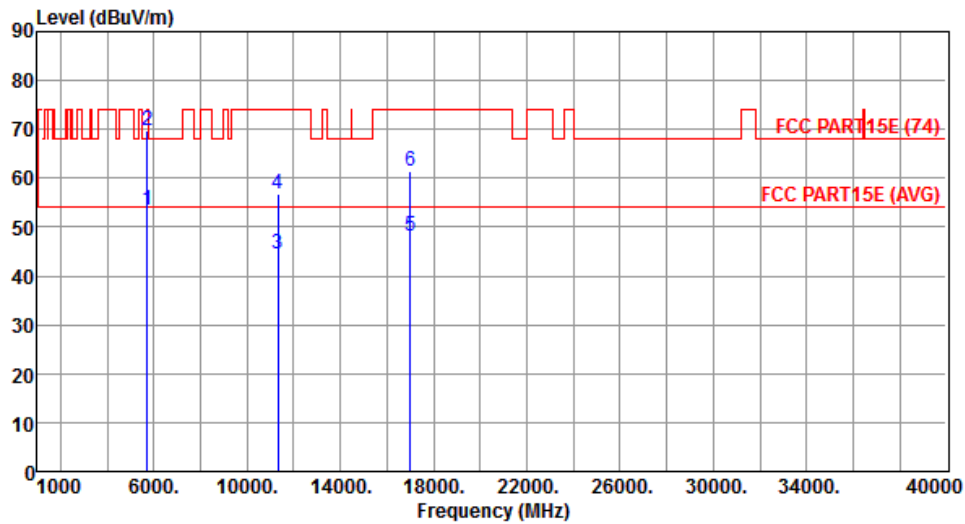
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	44.74	54.00	-9.26	37.98	6.76	Average	150	185
2	5460.00	58.30	74.00	-15.70	51.54	6.76	Peak	150	185
3	5470.00	44.92	54.00	-9.08	38.15	6.77	Average	150	185
4	5470.00	58.72	74.00	-15.28	51.95	6.77	Peak	150	185
5	11100.00	49.92	54.00	-4.08	33.16	16.76	Average	150	188
6	11100.00	63.35	74.00	-10.65	46.59	16.76	Peak	150	188
7	16650.00	52.82	54.00	-1.18	34.62	18.20	Average	150	185
8	16650.00	68.41	74.00	-5.59	50.21	18.20	Peak	150	185

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	2



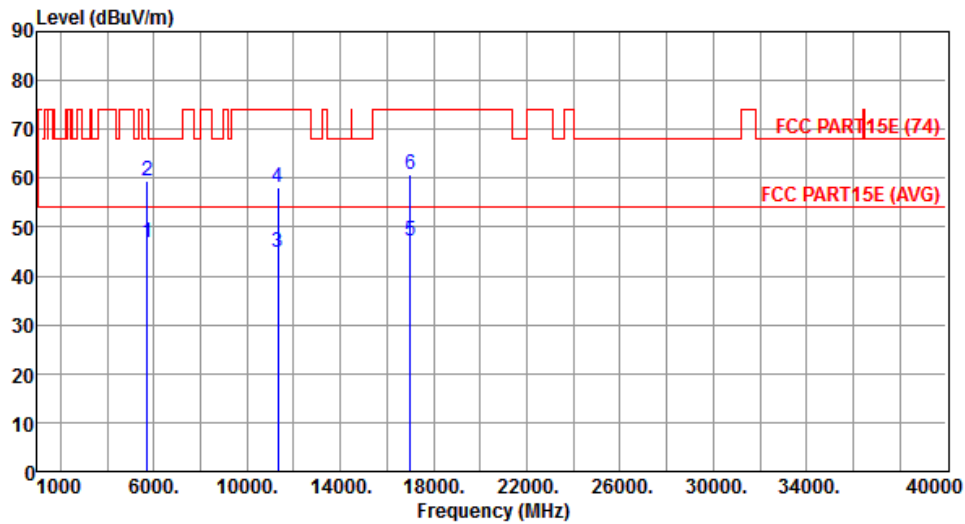
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	53.32	54.00	-0.68	46.08	7.24	Average	180	342
2	5725.00	69.83	74.00	-4.17	62.59	7.24	Peak	180	342
3	11340.00	44.39	54.00	-9.61	27.54	16.85	Average	235	165
4	11340.00	56.84	74.00	-17.16	39.99	16.85	Peak	235	165
5	17010.00	48.31	54.00	-5.69	29.32	18.99	Average	221	135
6	17010.00	61.50	74.00	-12.50	42.51	18.99	Peak	221	135

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	2



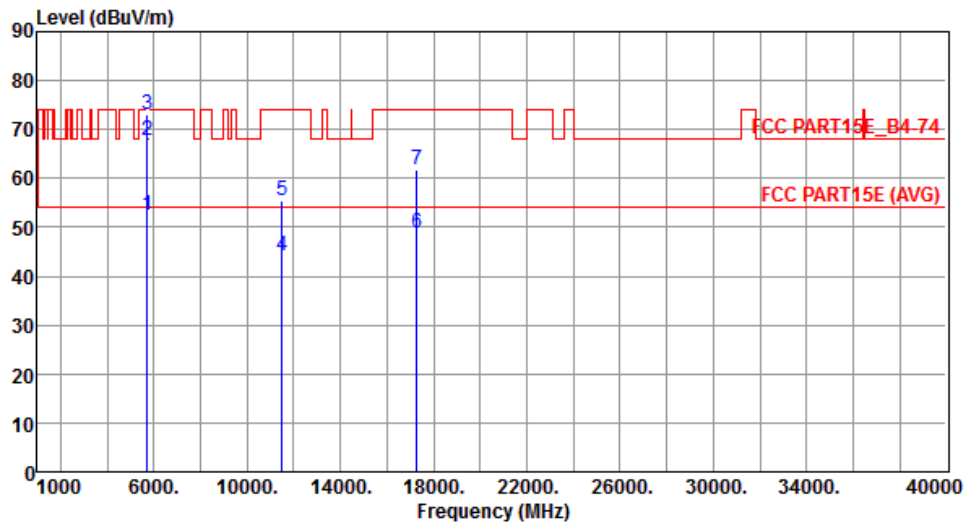
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	46.75	54.00	-7.25	39.51	7.24	Average	182	44
2	5725.00	59.35	74.00	-14.65	52.11	7.24	Peak	182	44
3	11340.00	44.97	54.00	-9.03	28.12	16.85	Average	220	197
4	11340.00	58.15	74.00	-15.85	41.30	16.85	Peak	220	197
5	17010.00	47.31	54.00	-6.69	28.32	18.99	Average	155	201
6	17010.00	60.64	74.00	-13.36	41.65	18.99	Peak	155	201

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	52.44	54.00	-1.56	45.24	7.20	Average	237	190
2	5715.00	67.88	74.00	-6.12	60.68	7.20	Peak	237	190
3	5725.00	73.00	78.20	-5.20	65.76	7.24	Peak	237	190
4	11510.00	44.06	54.00	-9.94	27.16	16.90	Average	163	221
5	11510.00	55.59	74.00	-18.41	38.69	16.90	Peak	163	221
6	17265.00	48.89	54.00	-5.11	29.53	19.36	Average	215	141
7	17265.00	61.68	74.00	-12.32	42.32	19.36	Peak	215	141

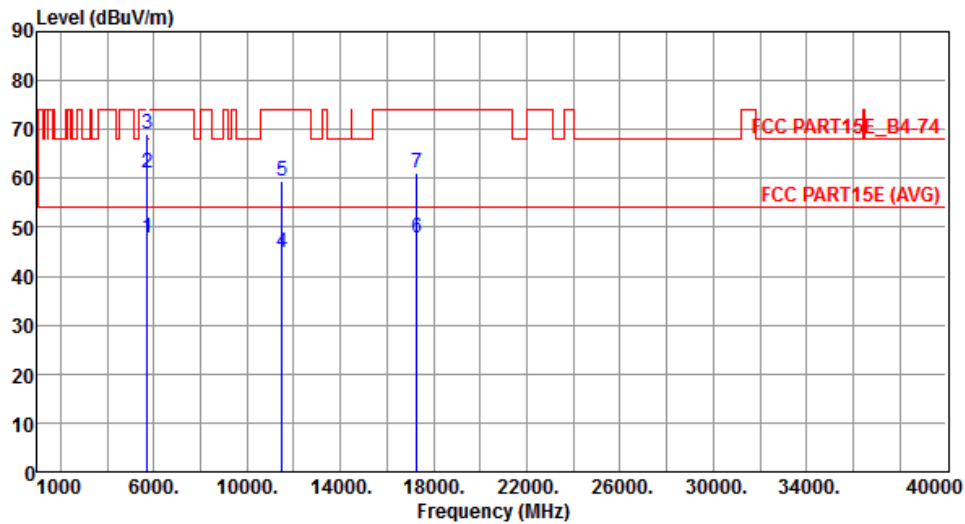
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	2



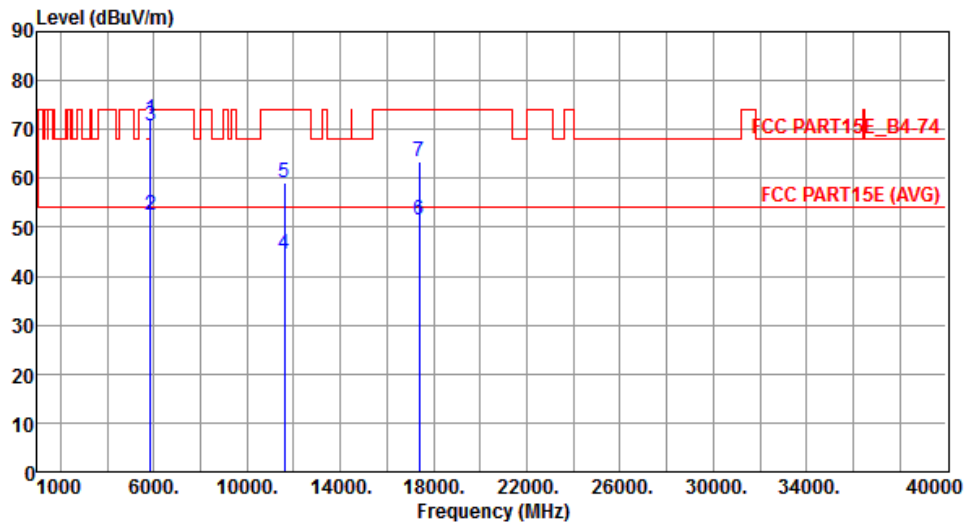
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	47.80	54.00	-6.20	40.60	7.20	Average	227	95
2	5715.00	60.97	74.00	-13.03	53.77	7.20	Peak	227	95
3	5725.00	69.21	78.20	-8.99	61.97	7.24	Peak	227	95
4	11510.00	44.79	54.00	-9.21	27.89	16.90	Average	252	136
5	11510.00	59.43	74.00	-14.57	42.53	16.90	Peak	252	136
6	17265.00	47.82	54.00	-6.18	28.46	19.36	Average	276	159
7	17265.00	61.05	74.00	-12.95	41.69	19.36	Peak	276	159

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	2



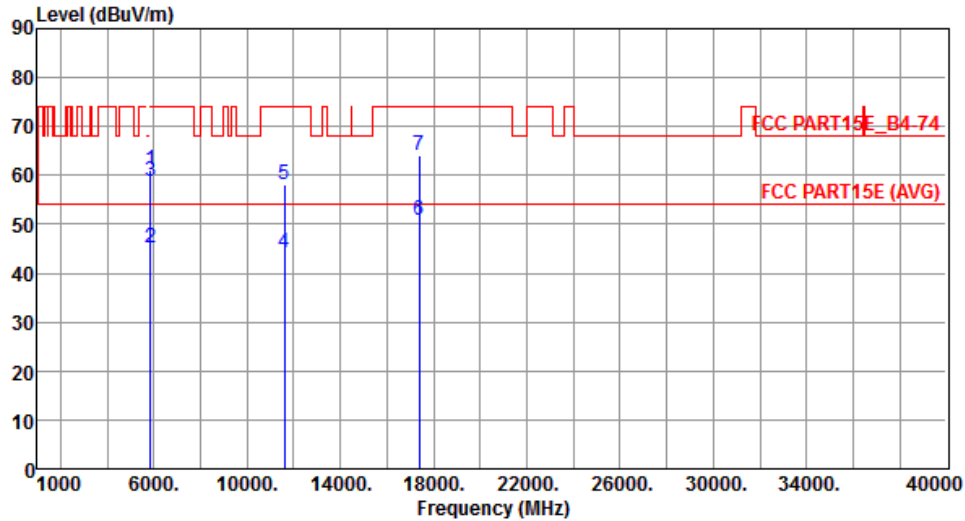
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	72.08	78.20	-6.12	64.58	7.50	Peak	168	193
2	5860.00	52.54	54.00	-1.46	45.03	7.51	Average	168	193
3	5860.00	70.80	74.00	-3.20	63.29	7.51	Peak	168	193
4	11590.00	44.38	54.00	-9.62	27.62	16.76	Average	198	226
5	11590.00	58.95	74.00	-15.05	42.19	16.76	Peak	198	226
6	17385.00	51.45	54.00	-2.55	31.91	19.54	Average	198	146
7	17385.00	63.39	74.00	-10.61	43.85	19.54	Peak	198	146

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	61.12	78.20	-17.08	53.62	7.50	Peak	169	165
2	5860.00	45.26	54.00	-8.74	37.75	7.51	Average	169	165
3	5860.00	58.77	74.00	-15.23	51.26	7.51	Peak	169	165
4	11590.00	44.29	54.00	-9.71	27.53	16.76	Average	169	211
5	11590.00	58.27	74.00	-15.73	41.51	16.76	Peak	169	211
6	17385.00	50.81	54.00	-3.19	31.27	19.54	Average	184	169
7	17385.00	63.96	74.00	-10.04	44.42	19.54	Peak	184	169

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

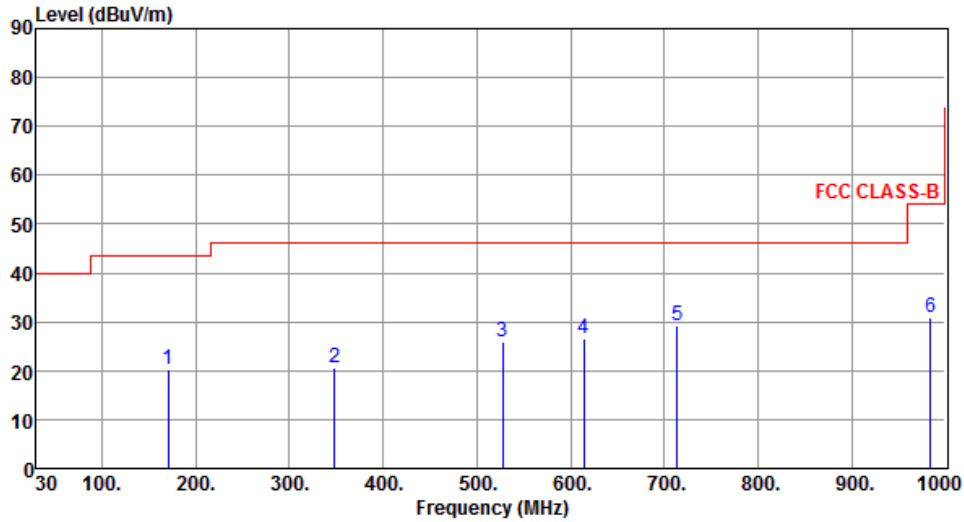
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

### Test Configuration 3: Isolated Magnetic Dipole antenna

#### 3.5.12 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	3

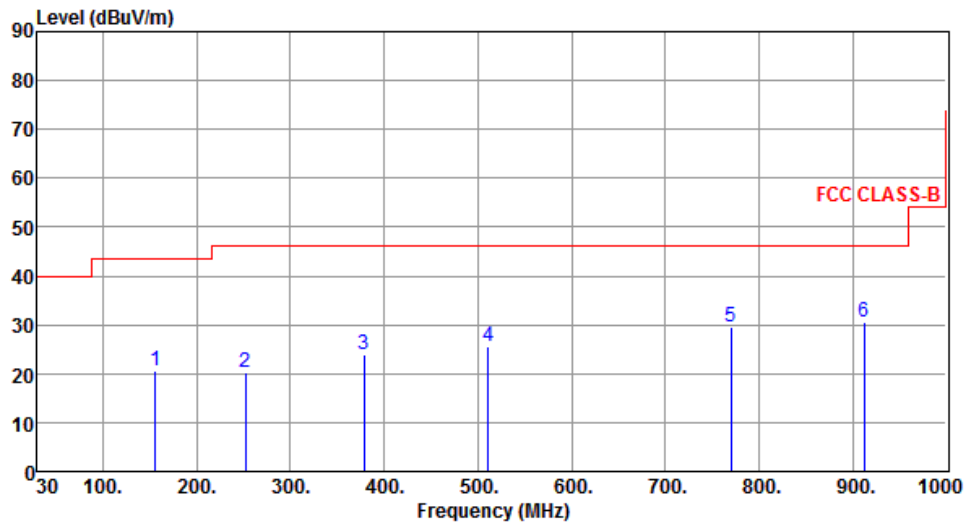
  


The graph displays the radiated unwanted emissions for an HT40 transmitter. The y-axis represents the Level in dBuV/m, ranging from 0 to 90. The x-axis represents the Frequency in MHz, ranging from 30 to 1000. A red line indicates the FCC CLASS-B limit, which is 40 dBuV/m from 30 to 100 MHz, 45 dBuV/m from 100 to 1000 MHz, and 55 dBuV/m at 1000 MHz. Six emission peaks are identified and labeled 1 through 6, with their corresponding data provided in the table below.

	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	170.53	20.27	43.50	-23.23	34.43	-14.16	Peak	---	---
2	348.12	20.52	46.00	-25.48	32.05	-11.53	Peak	---	---
3	527.53	25.96	46.00	-20.04	33.31	-7.35	Peak	---	---
4	613.84	26.55	46.00	-19.45	32.14	-5.59	Peak	---	---
5	713.72	29.30	46.00	-16.70	33.41	-4.11	Peak	---	---
6	984.35	30.94	54.00	-23.06	30.50	0.44	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).  
 Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	156.15	20.46	43.50	-23.04	34.01	-13.55	Peak	---	---
2	252.19	20.33	46.00	-25.67	34.99	-14.66	Peak	---	---
3	378.39	23.78	46.00	-22.22	34.43	-10.65	Peak	---	---
4	511.16	25.55	46.00	-20.45	33.09	-7.54	Peak	---	---
5	770.18	29.40	46.00	-16.60	32.42	-3.02	Peak	---	---
6	911.76	30.70	46.00	-15.30	31.22	-0.52	Peak	---	---

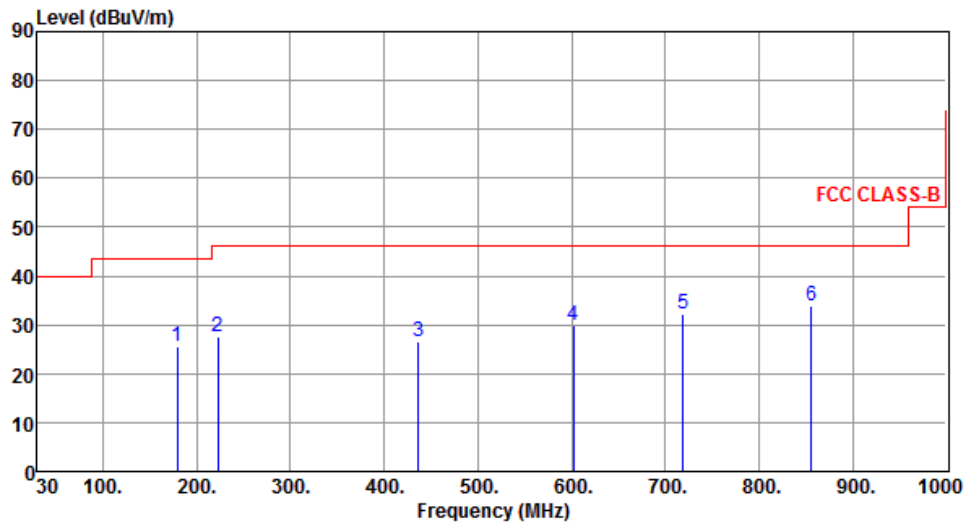
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	179.48	25.49	43.50	-18.01	34.95	-9.46	Peak	---	---
2	223.03	27.57	46.00	-18.43	38.02	-10.45	Peak	---	---
3	436.43	26.61	46.00	-19.39	30.66	-4.05	Peak	---	---
4	602.30	29.85	46.00	-16.15	30.44	-0.59	Peak	---	---
5	718.70	32.20	46.00	-13.80	30.97	1.23	Peak	---	---
6	855.47	33.82	46.00	-12.18	30.49	3.33	Peak	---	---

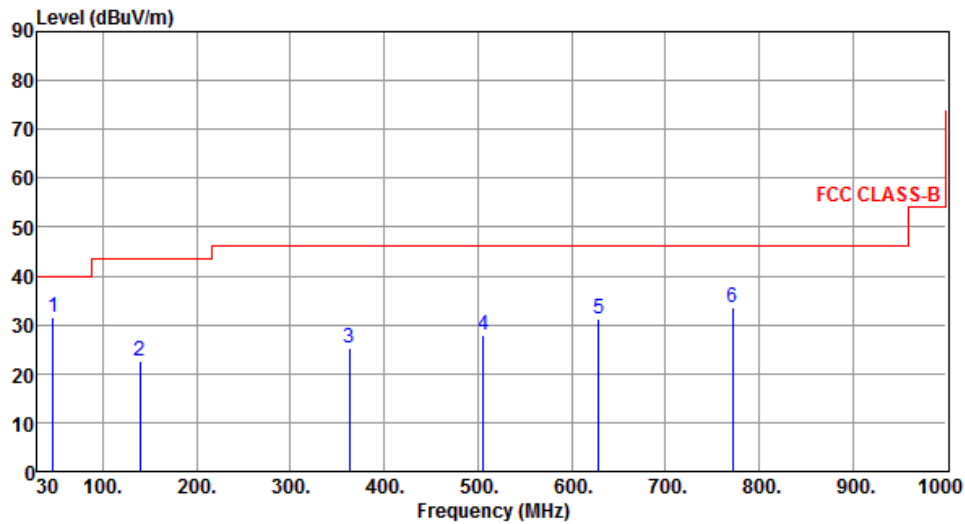
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	46.57	31.48	40.00	-8.52	39.52	-8.04	Peak	---	---
2	139.61	22.69	43.50	-20.81	31.18	-8.49	Peak	---	---
3	362.71	25.12	46.00	-20.88	31.16	-6.04	Peak	---	---
4	506.27	27.93	46.00	-18.07	30.79	-2.86	Peak	---	---
5	628.49	31.12	46.00	-14.88	31.38	-0.26	Peak	---	---
6	772.05	33.64	46.00	-12.36	31.35	2.29	Peak	---	---

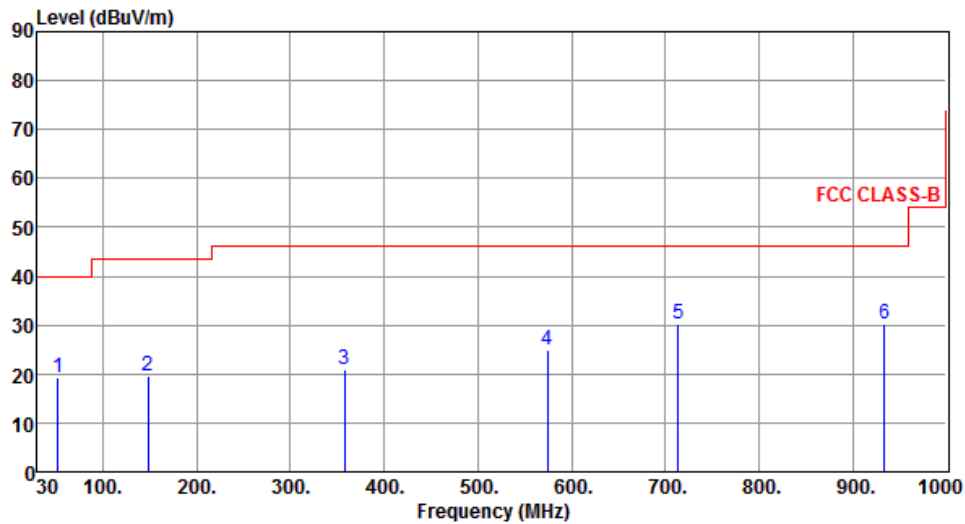
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	52.31	19.30	40.00	-20.70	32.57	-13.27	Peak	---	---
2	148.34	19.70	43.50	-23.80	33.18	-13.48	Peak	---	---
3	357.86	20.90	46.00	-25.10	32.16	-11.26	Peak	---	---
4	574.17	25.02	46.00	-20.98	31.50	-6.48	Peak	---	---
5	713.85	30.21	46.00	-15.79	34.32	-4.11	Peak	---	---
6	934.04	30.38	46.00	-15.62	30.49	-0.11	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

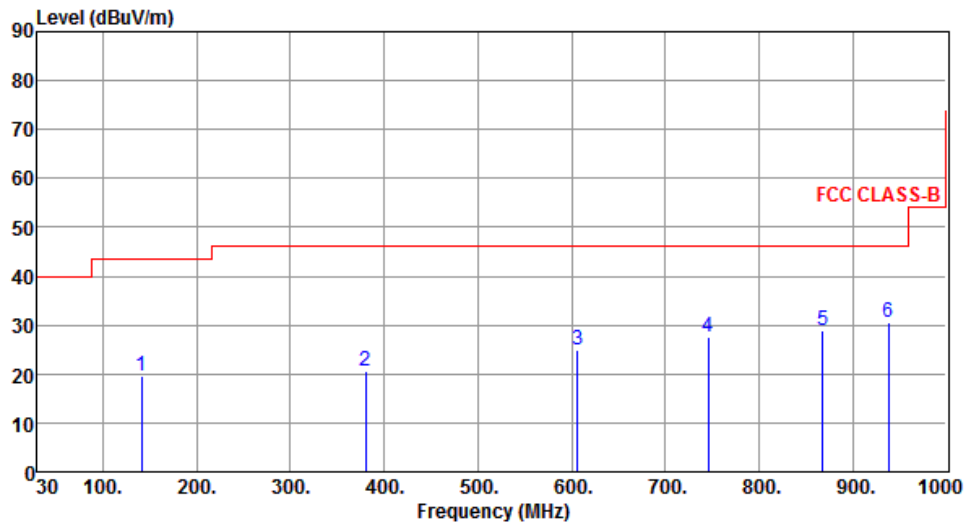
\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	141.55	19.47	43.50	-24.03	33.17	-13.70	Peak	---	---
2	380.17	20.70	46.00	-25.30	31.31	-10.61	Peak	---	---
3	606.18	24.75	46.00	-21.25	30.46	-5.71	Peak	---	---
4	745.86	27.44	46.00	-18.56	30.82	-3.38	Peak	---	---
5	868.08	28.76	46.00	-17.24	30.17	-1.41	Peak	---	---
6	937.92	30.55	46.00	-15.45	30.59	-0.04	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

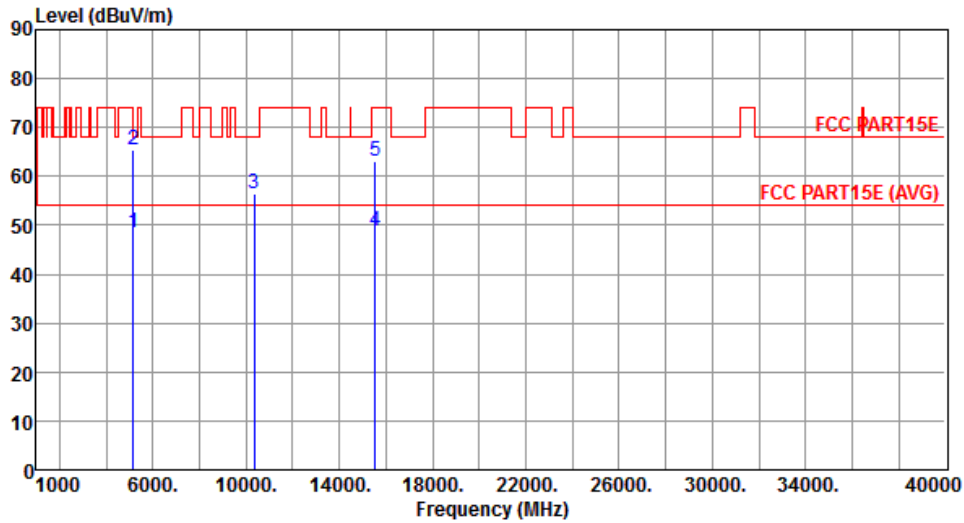
\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

### 3.5.13 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11a

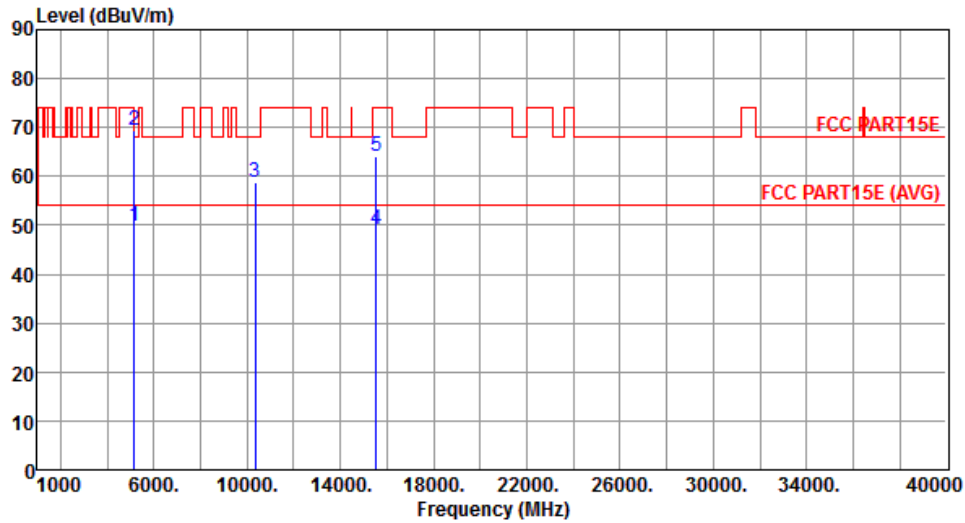
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	3

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.35	54.00	-5.65	42.04	6.31	Average	154	142
2	5150.00	65.28	74.00	-8.72	58.97	6.31	Peak	154	142
3	10360.00	56.37	68.20	-11.83	40.03	16.34	Peak	251	233
4	15540.00	48.82	54.00	-5.18	31.32	17.50	Average	222	135
5	15540.00	63.15	74.00	-10.85	45.65	17.50	Peak	222	135

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	3



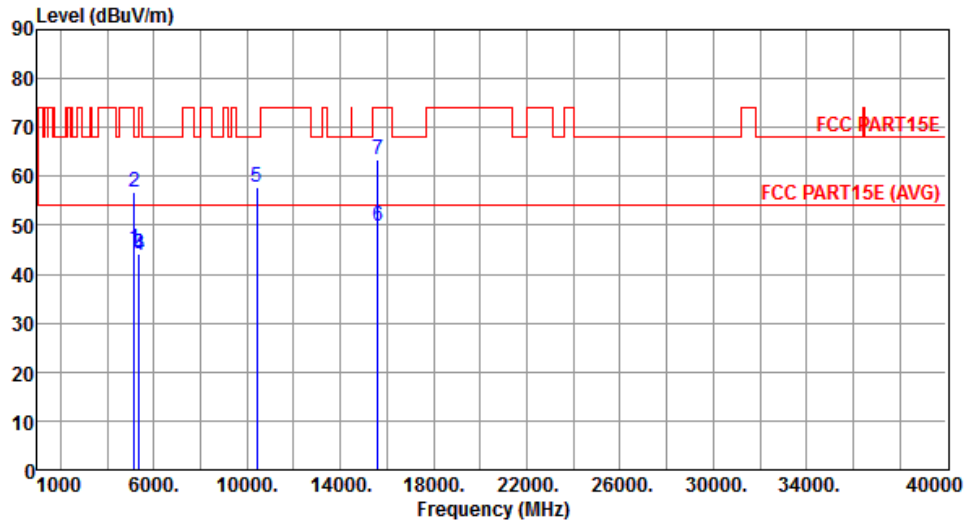
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	49.75	54.00	-4.25	43.44	6.31	Average	287	113
2	5150.00	69.52	74.00	-4.48	63.21	6.31	Peak	287	113
3	10360.00	58.65	68.20	-9.55	42.31	16.34	Peak	389	200
4	15540.00	49.05	54.00	-4.95	31.55	17.50	Average	152	184
5	15540.00	64.12	74.00	-9.88	46.62	17.50	Peak	152	184

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	3



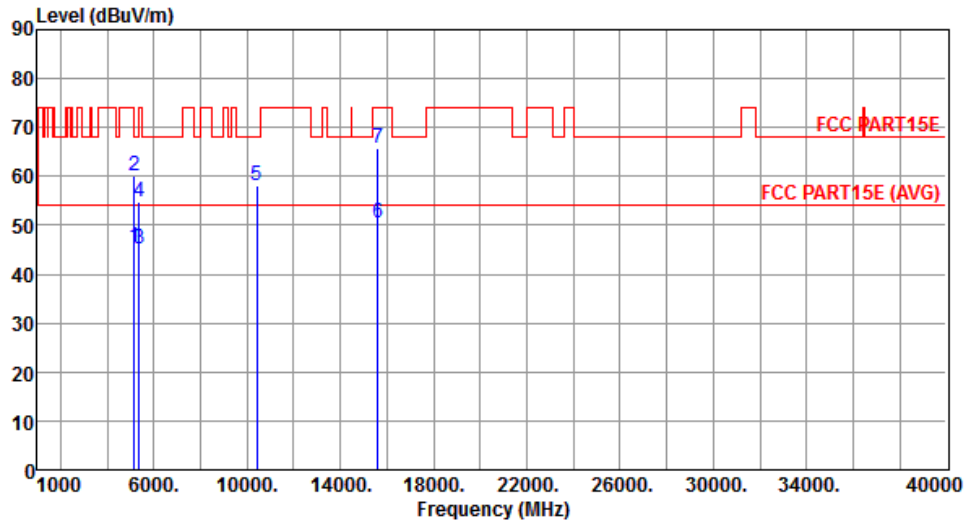
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.03	54.00	-8.97	38.72	6.31	Average	155	113
2	5150.00	56.89	74.00	-17.11	50.58	6.31	Peak	155	113
3	5350.00	44.02	54.00	-9.98	37.40	6.62	Average	155	113
4	5350.00	43.83	74.00	-30.17	37.21	6.62	Peak	155	113
5	10400.00	57.72	68.20	-10.48	41.30	16.42	Peak	275	224
6	15600.00	49.93	54.00	-4.07	32.55	17.38	Average	225	129
7	15600.00	63.44	74.00	-10.56	46.06	17.38	Peak	225	129

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	3



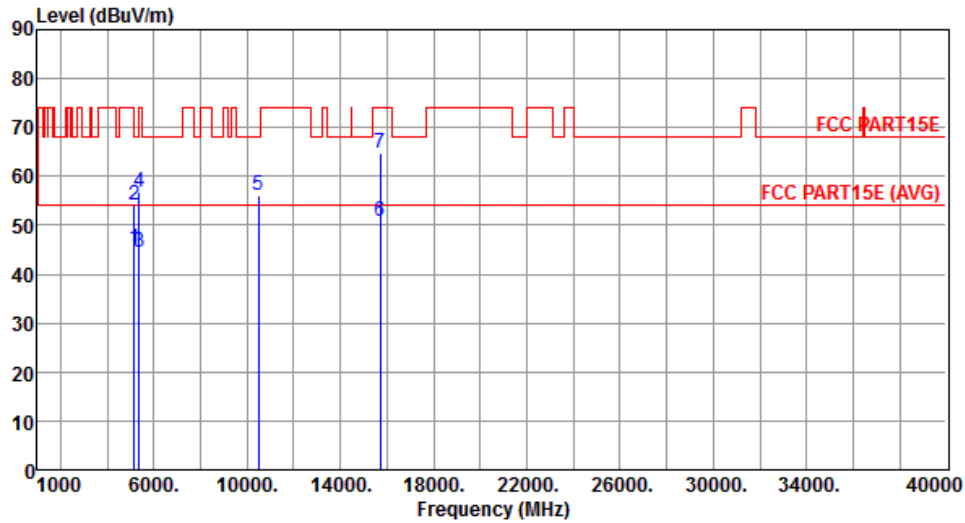
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.52	54.00	-8.48	39.21	6.31	Average	293	102
2	5150.00	59.95	74.00	-14.05	53.64	6.31	Peak	293	102
3	5350.00	45.03	54.00	-8.97	38.41	6.62	Average	293	102
4	5350.00	54.75	74.00	-19.25	48.13	6.62	Peak	293	102
5	10400.00	58.08	68.20	-10.12	41.66	16.42	Peak	372	184
6	15600.00	50.44	54.00	-3.56	33.06	17.38	Average	152	175
7	15600.00	65.73	74.00	-8.27	48.35	17.38	Peak	152	175

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	3



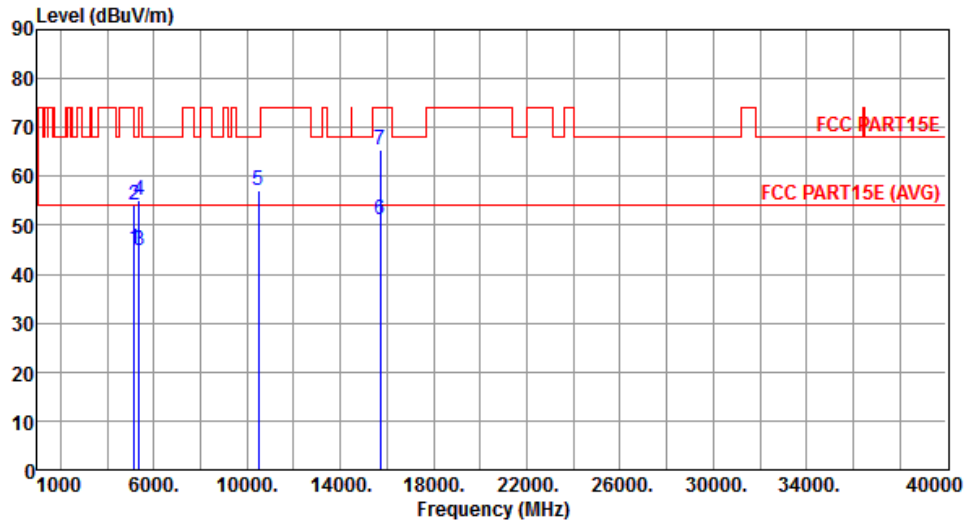
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.05	54.00	-8.95	38.74	6.31	Average	152	131
2	5150.00	54.18	74.00	-19.82	47.87	6.31	Peak	152	131
3	5350.00	44.43	54.00	-9.57	37.81	6.62	Average	152	131
4	5350.00	56.64	74.00	-17.36	50.02	6.62	Peak	152	131
5	10480.00	56.00	68.20	-12.20	39.44	16.56	Peak	278	234
6	15720.00	50.93	54.00	-3.07	33.78	17.15	Average	238	110
7	15720.00	64.75	74.00	-9.25	47.60	17.15	Peak	238	110

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	3



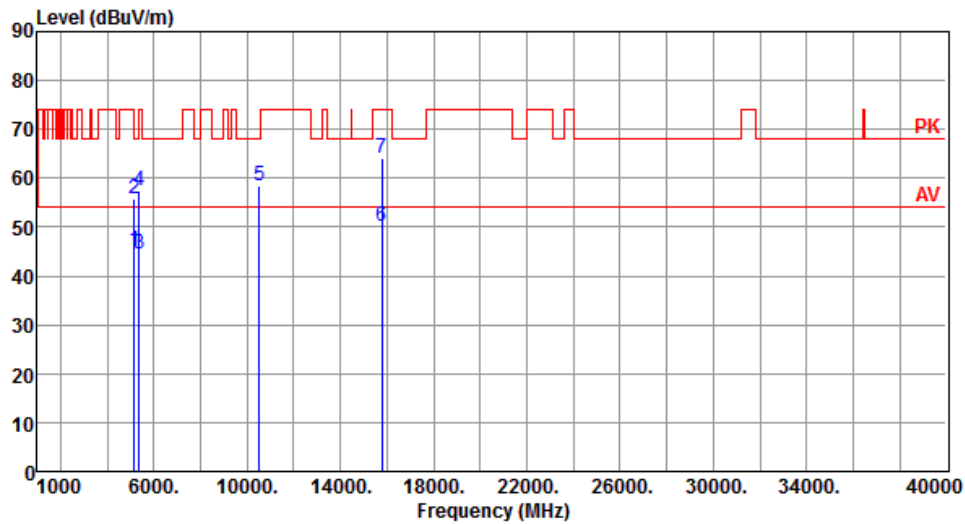
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.12	54.00	-8.88	38.81	6.31	Average	283	102
2	5150.00	54.24	74.00	-19.76	47.93	6.31	Peak	283	102
3	5350.00	44.93	54.00	-9.07	38.31	6.62	Average	283	102
4	5350.00	55.15	74.00	-18.85	48.53	6.62	Peak	283	102
5	10480.00	56.96	68.20	-11.24	40.40	16.56	Peak	378	175
6	15720.00	51.13	54.00	-2.87	33.98	17.15	Average	155	183
7	15720.00	65.58	74.00	-8.42	48.43	17.15	Peak	155	183

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.31	54.00	-8.69	39.10	6.21	Average	164	40
2	5150.00	55.78	74.00	-18.22	49.57	6.21	Peak	164	40
3	5350.00	44.59	54.00	-9.41	38.14	6.45	Average	164	40
4	5350.00	57.39	74.00	-16.61	50.94	6.45	Peak	164	40
5	10520.00	58.41	68.20	-9.79	42.53	15.88	Peak	250	243
6	15780.00	50.05	54.00	-3.95	34.14	15.91	Average	241	135
7	15780.00	64.16	74.00	-9.84	48.25	15.91	Peak	241	135

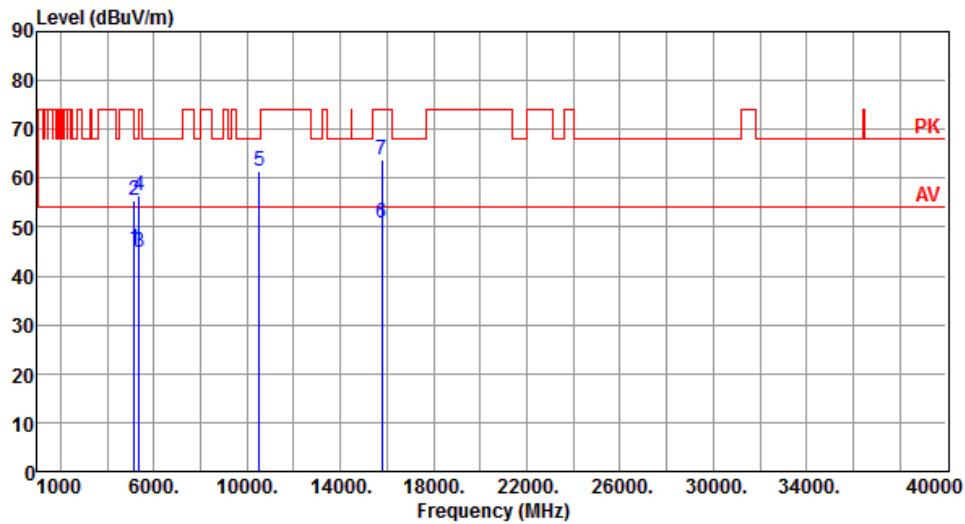
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	3



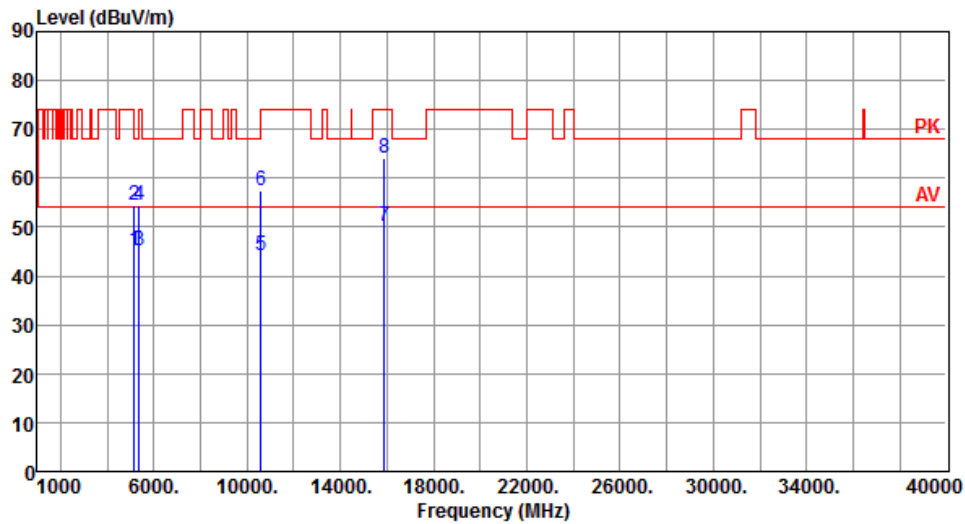
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.51	54.00	-8.49	39.30	6.21	Average	292	112
2	5150.00	55.36	74.00	-18.64	49.15	6.21	Peak	292	112
3	5350.00	44.67	54.00	-9.33	38.22	6.45	Average	292	112
4	5350.00	56.54	74.00	-17.46	50.09	6.45	Peak	292	112
5	10520.00	61.59	68.20	-6.61	45.71	15.88	Peak	378	206
6	15780.00	50.87	54.00	-3.13	34.96	15.91	Average	153	187
7	15780.00	63.88	74.00	-10.12	47.97	15.91	Peak	153	187

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	3



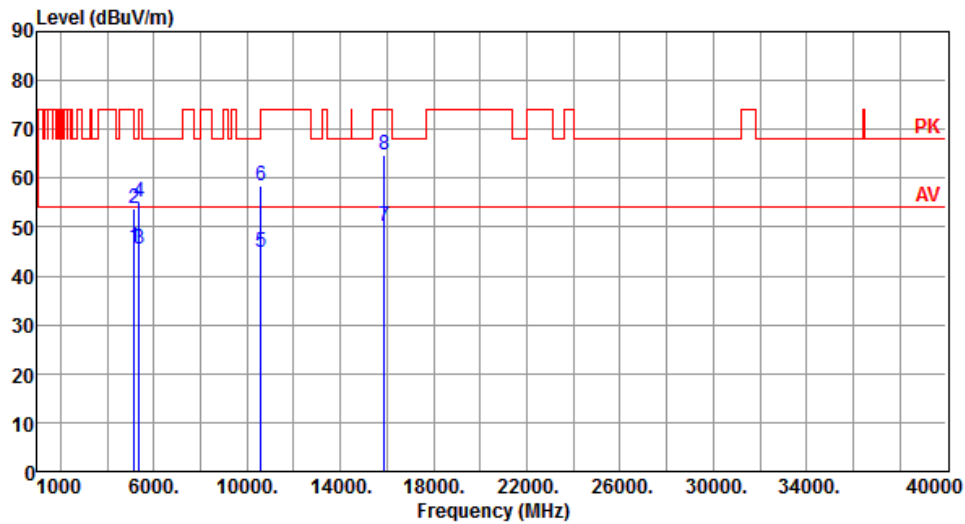
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.26	54.00	-8.74	39.05	6.21	Average	183	45
2	5150.00	54.59	74.00	-19.41	48.38	6.21	Peak	183	45
3	5350.00	45.13	54.00	-8.87	38.68	6.45	Average	183	45
4	5350.00	54.59	74.00	-19.41	48.14	6.45	Peak	183	45
5	10600.00	44.26	54.00	-9.74	28.27	15.99	Average	250	239
6	10600.00	57.36	74.00	-16.64	41.37	15.99	Peak	250	239
7	15900.00	50.12	54.00	-3.88	34.45	15.67	Average	260	123
8	15900.00	64.03	74.00	-9.97	48.36	15.67	Peak	260	123

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	3



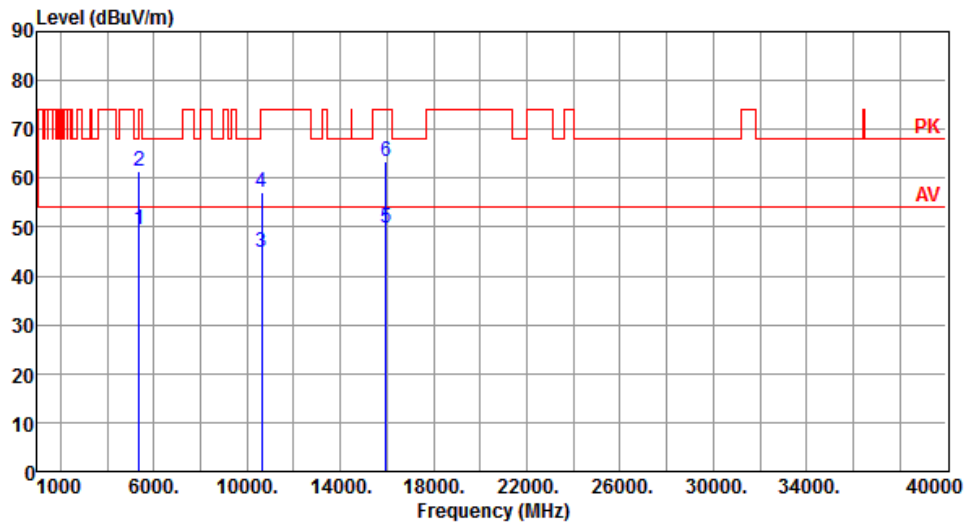
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.69	54.00	-8.31	39.48	6.21	Average	325	112
2	5150.00	53.69	74.00	-20.31	47.48	6.21	Peak	320	112
3	5350.00	45.49	54.00	-8.51	39.04	6.45	Average	320	112
4	5350.00	55.03	74.00	-18.97	48.58	6.45	Peak	320	112
5	10600.00	44.96	54.00	-9.04	28.97	15.99	Average	165	179
6	10600.00	58.56	74.00	-15.44	42.57	15.99	Peak	165	179
7	15900.00	50.31	54.00	-3.69	34.64	15.67	Average	159	183
8	15900.00	64.85	74.00	-9.15	49.18	15.67	Peak	159	183

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	3



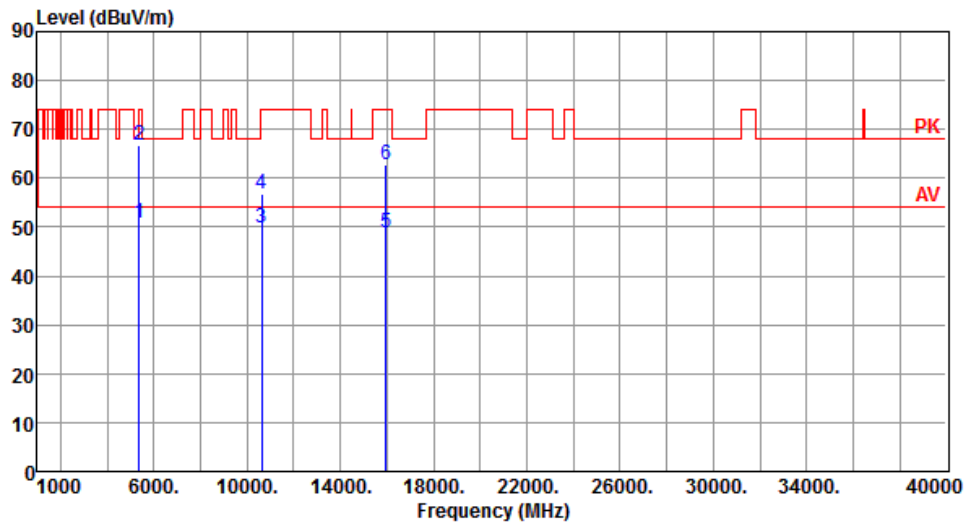
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.63	54.00	-4.37	43.18	6.45	Average	173	42
2	5350.00	61.54	74.00	-12.46	55.09	6.45	Peak	173	42
3	10640.00	44.88	54.00	-9.12	28.82	16.06	Average	149	160
4	10640.00	57.26	74.00	-16.74	41.20	16.06	Peak	149	160
5	15960.00	49.98	54.00	-4.02	34.43	15.55	Average	236	132
6	15960.00	63.39	74.00	-10.61	47.84	15.55	Peak	236	132

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	3



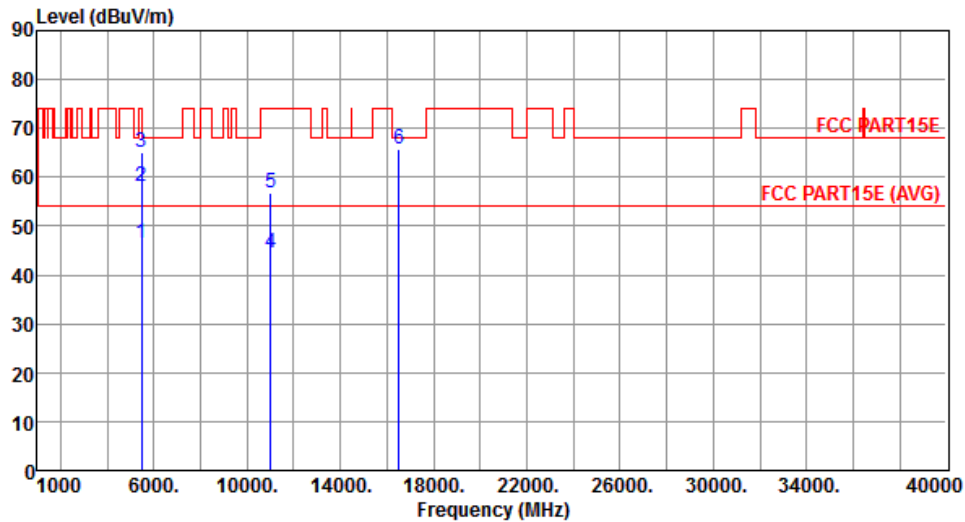
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	50.67	54.00	-3.33	44.22	6.45	Average	320	115
2	5350.00	66.84	74.00	-7.16	60.39	6.45	Peak	320	115
3	10640.00	49.86	54.00	-4.14	33.80	16.06	Average	153	175
4	10640.00	56.75	74.00	-17.25	40.69	16.06	Peak	153	175
5	15960.00	48.69	54.00	-5.31	33.14	15.55	Average	165	192
6	15960.00	62.88	74.00	-11.12	47.33	15.55	Peak	165	192

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal	Test Configuration	3



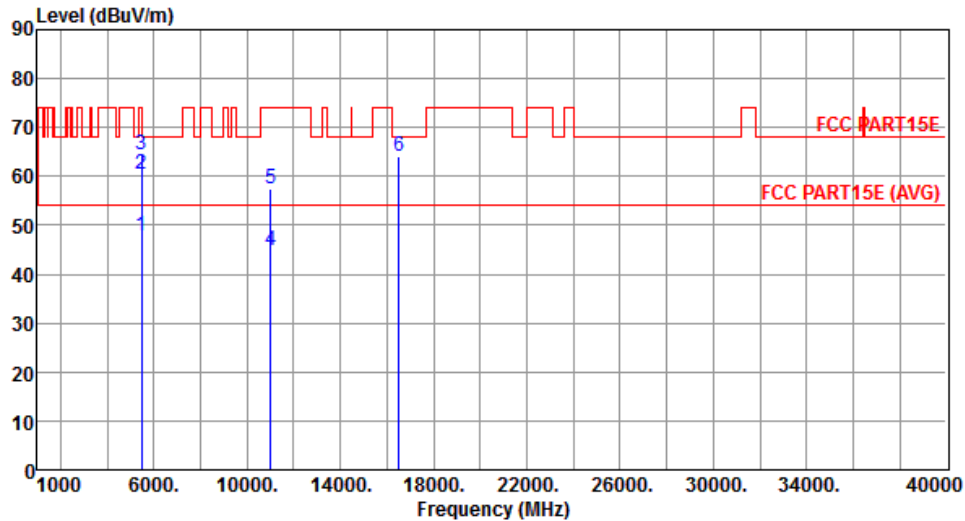
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.34	54.00	-7.66	39.58	6.76	Average	275	38
2	5460.00	58.19	74.00	-15.81	51.43	6.76	Peak	275	38
3	5470.00	64.96	68.20	-3.24	58.19	6.77	Peak	275	38
4	11000.00	44.52	54.00	-9.48	27.80	16.72	Average	251	193
5	11000.00	56.80	74.00	-17.20	40.08	16.72	Peak	251	193
6	16500.00	65.63	68.20	-2.57	47.76	17.87	Peak	258	147

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	3



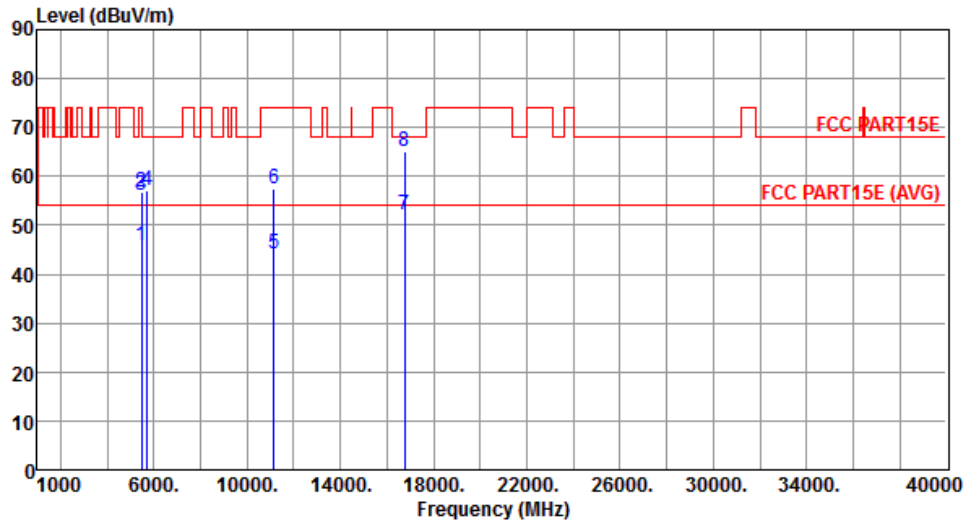
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.90	54.00	-6.10	41.14	6.76	Average	335	107
2	5460.00	60.41	74.00	-13.59	53.65	6.76	Peak	335	107
3	5470.00	64.41	68.20	-3.79	57.64	6.77	Peak	335	107
4	11000.00	44.98	54.00	-9.02	28.26	16.72	Average	153	188
5	11000.00	57.30	74.00	-16.70	40.58	16.72	Peak	153	188
6	16500.00	64.01	68.20	-4.19	46.14	17.87	Peak	154	183

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.94	54.00	-8.06	39.18	6.76	Average	150	136
2	5460.00	56.95	74.00	-17.05	50.19	6.76	Peak	150	136
3	5470.00	55.96	68.20	-12.24	49.19	6.77	Peak	150	136
4	5725.00	57.12	68.20	-11.08	49.88	7.24	Peak	150	136
5	11160.00	44.10	54.00	-9.90	27.31	16.79	Average	258	190
6	11160.00	57.37	74.00	-16.63	40.58	16.79	Peak	258	190
7	16740.00	52.30	54.00	-1.70	33.90	18.40	Average	250	142
8	16740.00	65.05	68.20	-3.15	46.65	18.40	Peak	250	142

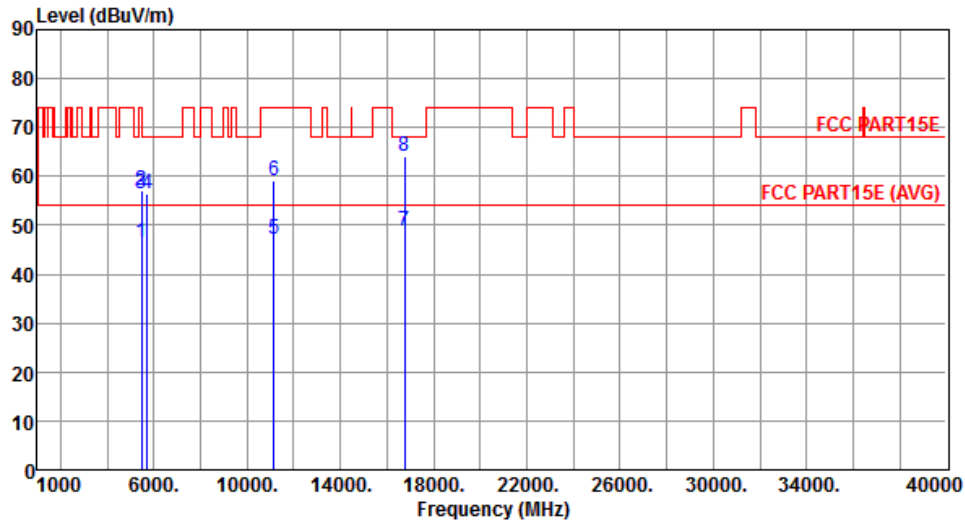
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	3



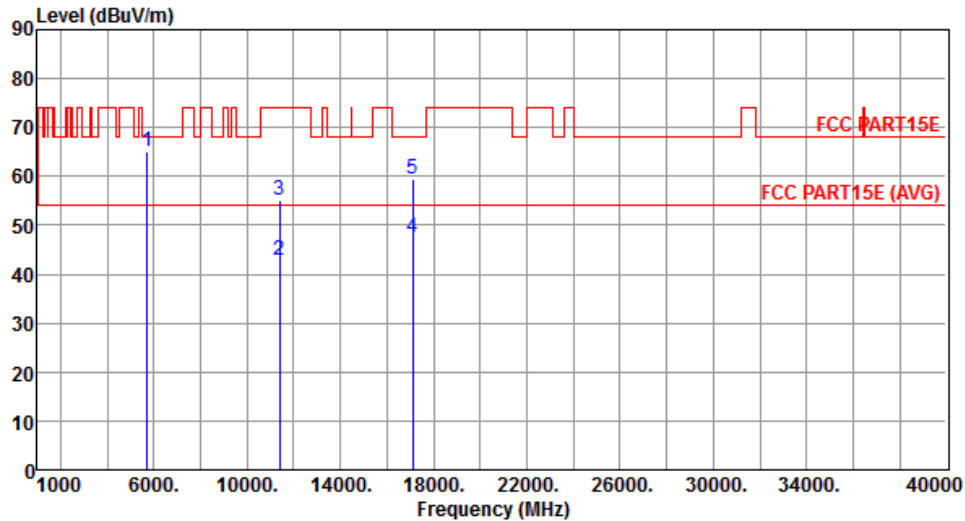
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.45	54.00	-7.55	39.69	6.76	Average	332	108
2	5460.00	57.01	74.00	-16.99	50.25	6.76	Peak	332	108
3	5470.00	56.53	68.20	-11.67	49.76	6.77	Peak	332	108
4	5725.00	56.42	68.20	-11.78	49.18	7.24	Peak	332	108
5	11160.00	47.04	54.00	-6.96	30.25	16.79	Average	176	191
6	11160.00	59.16	74.00	-14.84	42.37	16.79	Peak	176	191
7	16740.00	48.90	54.00	-5.10	30.50	18.40	Average	153	197
8	16740.00	63.99	68.20	-4.21	45.59	18.40	Peak	153	197

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	3



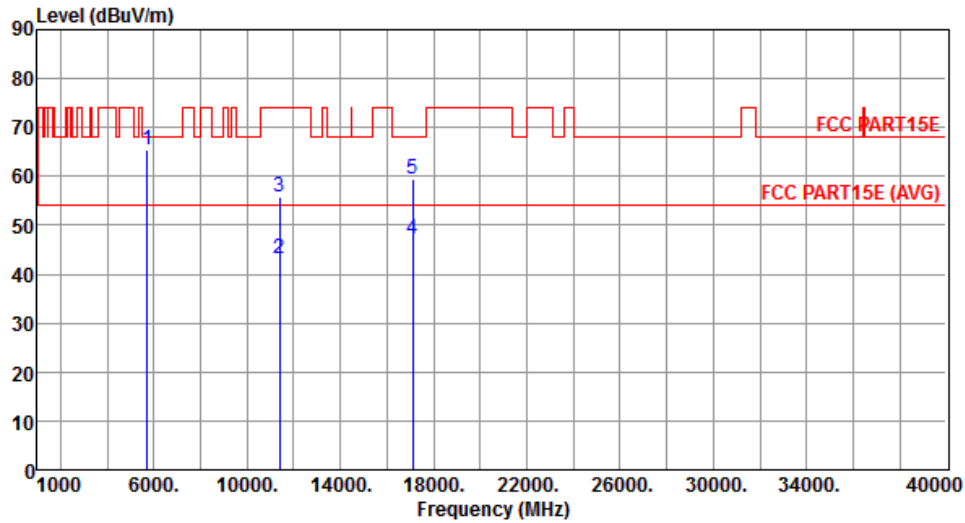
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	64.93	68.20	-3.27	57.69	7.24	Peak	153	128
2	11400.00	42.88	54.00	-11.12	26.00	16.88	Average	271	143
3	11400.00	55.01	74.00	-18.99	38.13	16.88	Peak	271	143
4	17100.00	47.39	54.00	-6.61	28.27	19.12	Average	277	116
5	17100.00	59.52	68.20	-8.68	40.40	19.12	Peak	277	116

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	3



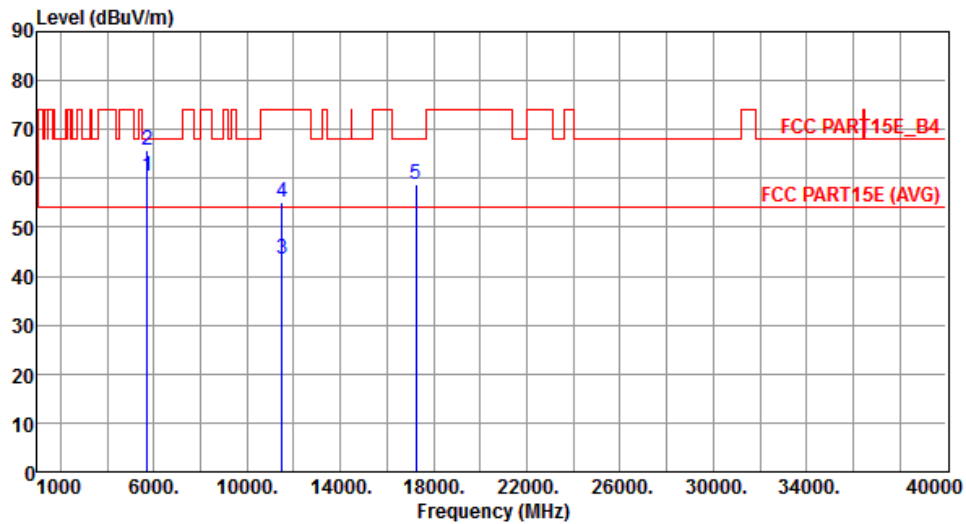
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	65.55	68.20	-2.65	58.31	7.24	Peak	353	107
2	11400.00	43.13	54.00	-10.87	26.25	16.88	Average	179	351
3	11400.00	55.63	74.00	-18.37	38.75	16.88	Peak	179	351
4	17100.00	47.00	54.00	-7.00	27.88	19.12	Average	180	171
5	17100.00	59.38	68.20	-8.82	40.26	19.12	Peak	180	171

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	3



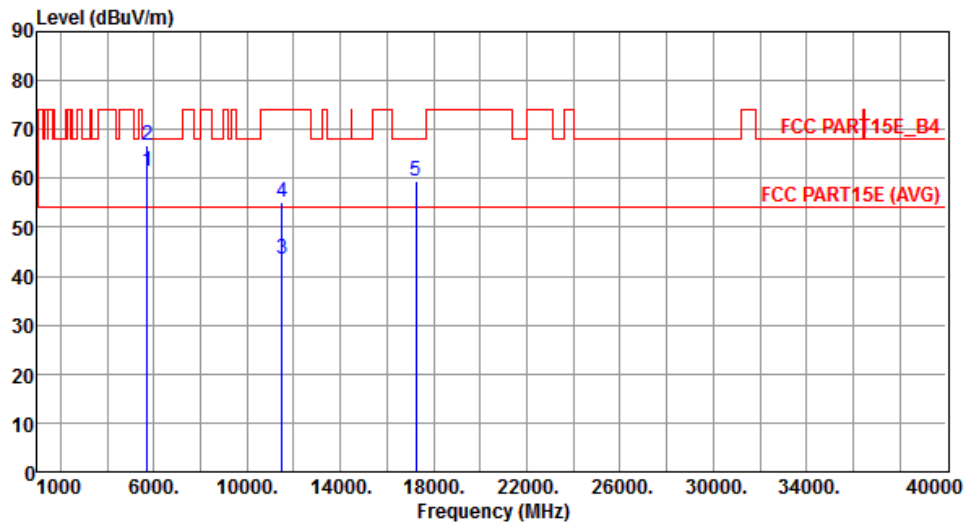
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	60.51	68.20	-7.69	53.31	7.20	Peak	314	206
2	5725.00	65.65	78.20	-12.55	58.41	7.24	Peak	314	206
3	11490.00	43.34	54.00	-10.66	26.43	16.91	Average	255	231
4	11490.00	55.16	74.00	-18.84	38.25	16.91	Peak	255	231
5	17235.00	58.89	68.20	-9.31	39.57	19.32	Peak	153	194

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	3



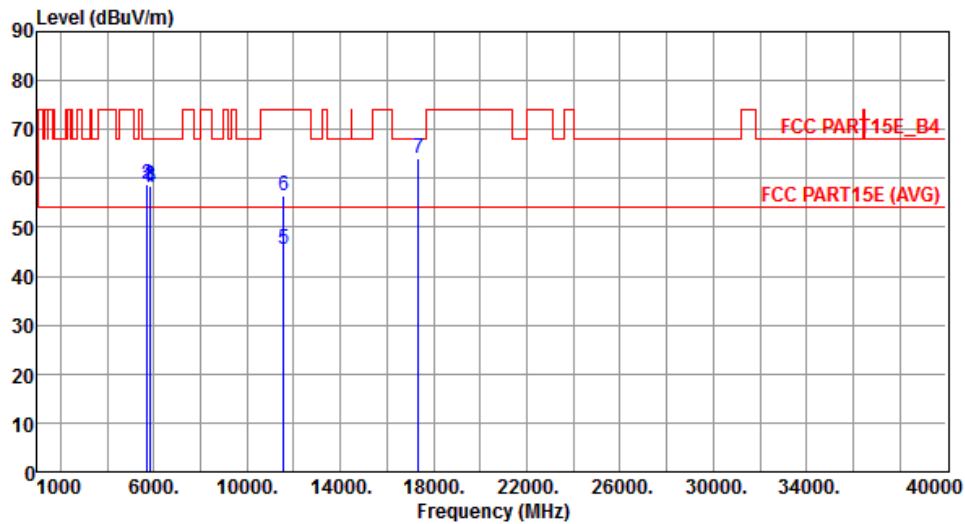
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	61.45	68.20	-6.75	54.25	7.20	Peak	150	105
2	5725.00	66.90	78.20	-11.30	59.66	7.24	Peak	150	105
3	11490.00	43.50	54.00	-10.50	26.59	16.91	Average	218	162
4	11490.00	55.29	74.00	-18.71	38.38	16.91	Peak	218	162
5	17235.00	59.46	68.20	-8.74	40.14	19.32	Peak	185	185

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	3



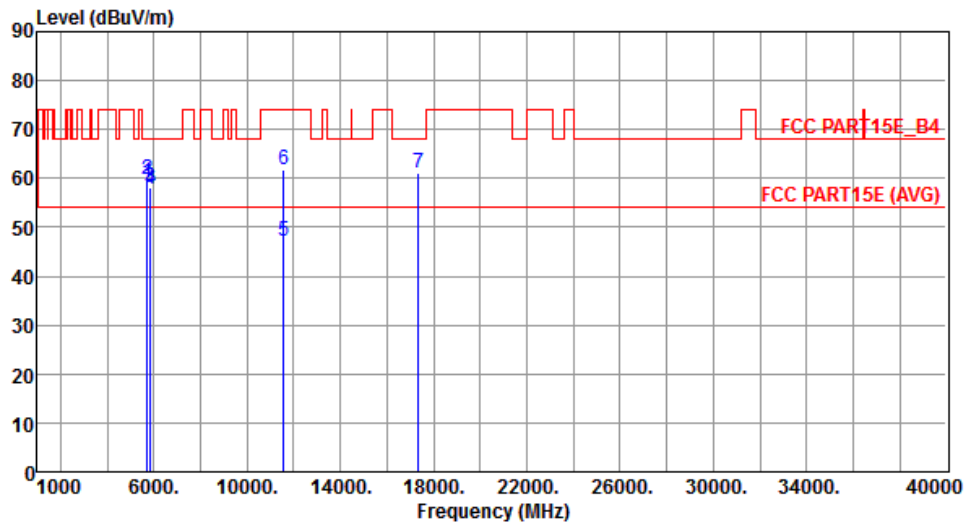
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.24	68.20	-9.96	51.04	7.20	Peak	284	202
2	5725.00	58.83	78.20	-19.37	51.59	7.24	Peak	284	202
3	5850.00	58.49	78.20	-19.71	50.99	7.50	Peak	284	202
4	5860.00	58.14	68.20	-10.06	50.63	7.51	Peak	284	202
5	11570.00	45.63	54.00	-8.37	28.83	16.80	Average	289	121
6	11570.00	56.33	74.00	-17.67	39.53	16.80	Peak	289	121
7	17355.00	64.09	68.20	-4.11	44.60	19.49	Peak	185	130

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	3



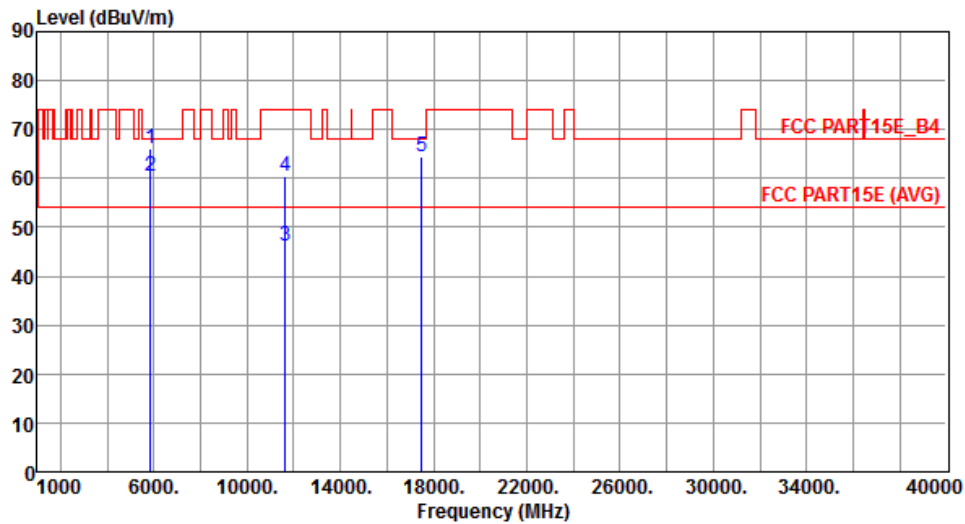
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	59.19	68.20	-9.01	51.99	7.20	Peak	321	112
2	5725.00	59.94	78.20	-18.26	52.70	7.24	Peak	321	112
3	5850.00	58.05	78.20	-20.15	50.55	7.50	Peak	321	112
4	5860.00	57.78	68.20	-10.42	50.27	7.51	Peak	321	112
5	11570.00	47.28	54.00	-6.72	30.48	16.80	Average	203	187
6	11570.00	61.78	74.00	-12.22	44.98	16.80	Peak	203	187
7	17355.00	60.99	68.20	-7.21	41.50	19.49	Peak	169	165

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	66.12	78.20	-12.08	58.62	7.50	Peak	265	203
2	5860.00	60.56	68.20	-7.64	53.05	7.51	Peak	265	203
3	11650.00	46.22	54.00	-7.78	29.57	16.65	Average	158	163
4	11650.00	60.59	74.00	-13.41	43.94	16.65	Peak	158	163
5	17475.00	64.44	68.20	-3.76	44.78	19.66	Peak	278	241

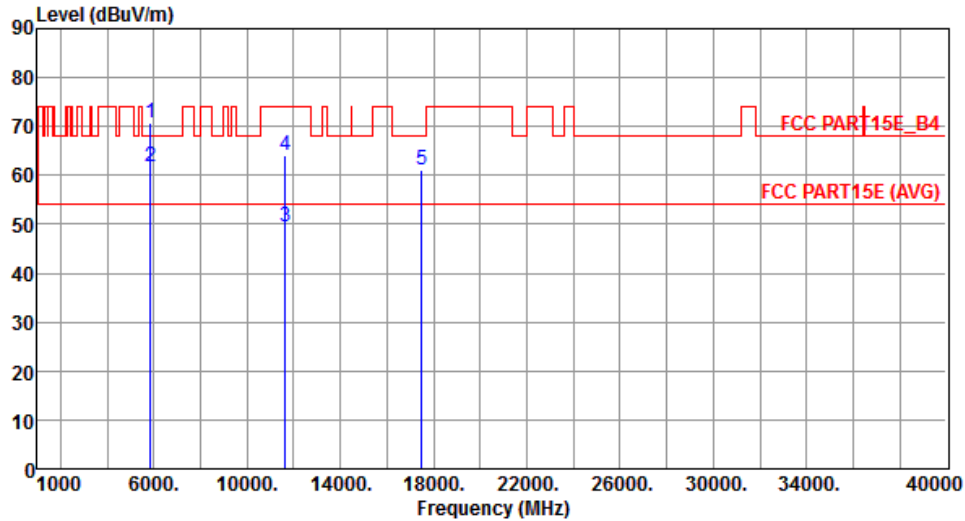
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	70.82	78.20	-7.38	63.32	7.50	Peak	209	92
2	5860.00	61.70	68.20	-6.50	54.19	7.51	Peak	209	92
3	11650.00	49.57	54.00	-4.43	32.92	16.65	Average	179	172
4	11650.00	64.12	74.00	-9.88	47.47	16.65	Peak	179	172
5	17475.00	60.96	68.20	-7.24	41.30	19.66	Peak	162	187

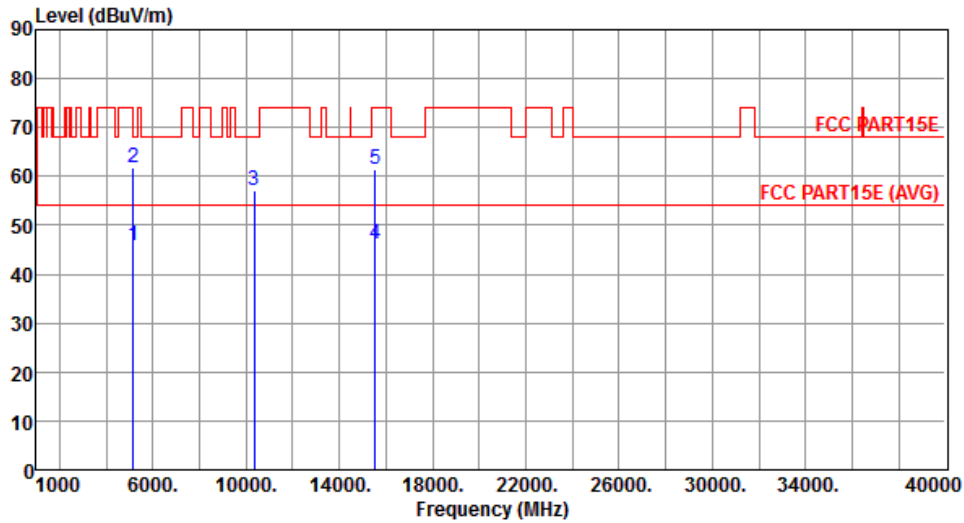
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

### 3.5.14 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT20

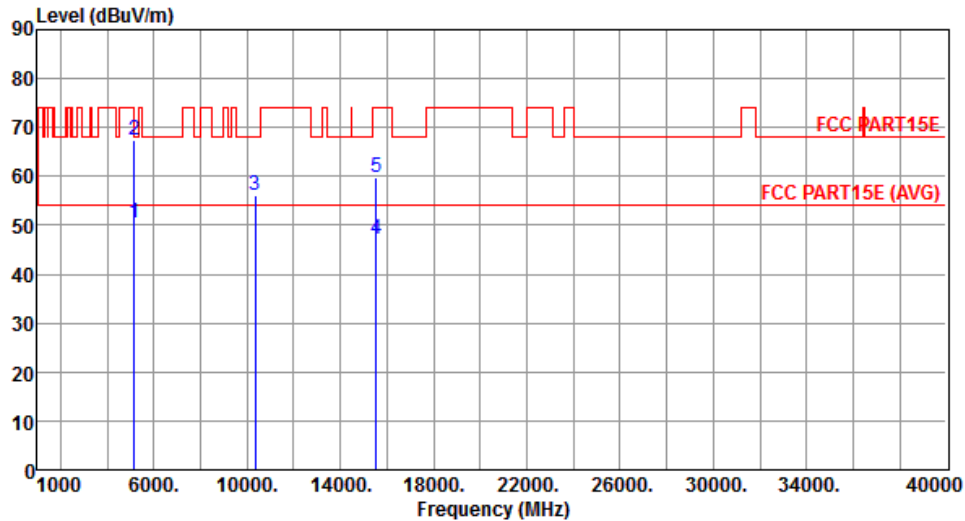
Modulation	HT20	Test Freq. (MHz)	5180
Polarization	Horizontal	Test Configuration	3

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.86	54.00	-8.14	39.55	6.31	Average	164	155
2	5150.00	61.78	74.00	-12.22	55.47	6.31	Peak	164	155
3	10360.00	57.23	68.20	-10.97	40.89	16.34	Peak	189	221
4	15540.00	46.03	54.00	-7.97	28.53	17.50	Average	235	126
5	15540.00	61.43	74.00	-12.57	43.93	17.50	Peak	235	126

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5180
Polarization	Vertical	Test Configuration	3



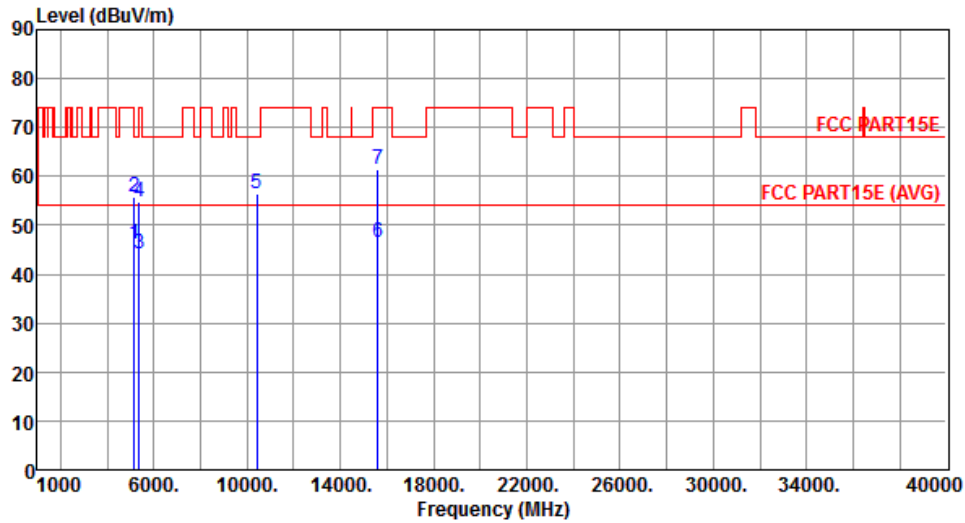
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	50.42	54.00	-3.58	44.11	6.31	Average	288	113
2	5150.00	67.29	74.00	-6.71	60.98	6.31	Peak	288	113
3	10360.00	56.23	68.20	-11.97	39.89	16.34	Peak	279	265
4	15540.00	47.11	54.00	-6.89	29.61	17.50	Average	148	178
5	15540.00	59.85	74.00	-14.15	42.35	17.50	Peak	148	178

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5200
Polarization	Horizontal	Test Configuration	3



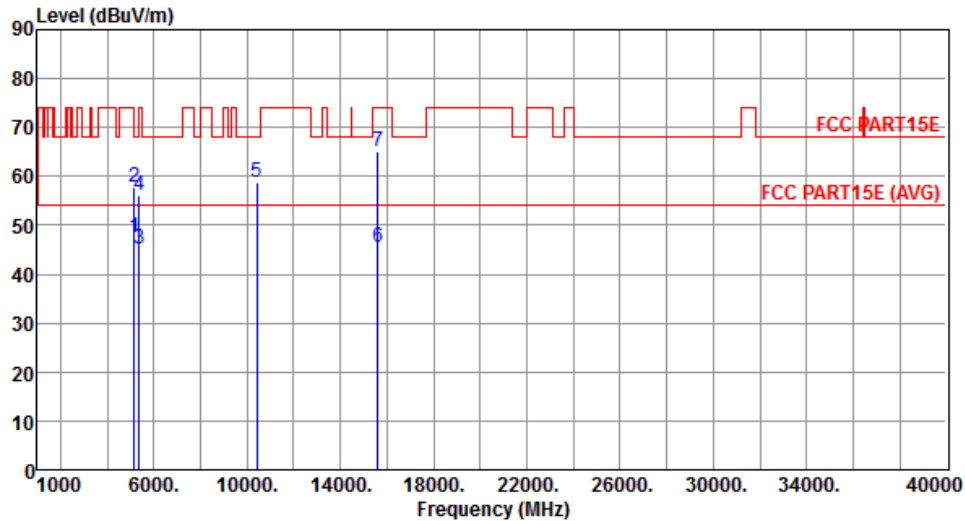
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.27	54.00	-7.73	39.96	6.31	Average	155	138
2	5150.00	55.78	74.00	-18.22	49.47	6.31	Peak	155	138
3	5350.00	44.32	54.00	-9.68	37.70	6.62	Average	155	138
4	5350.00	54.72	74.00	-19.28	48.10	6.62	Peak	155	138
5	10400.00	56.44	68.20	-11.76	40.02	16.42	Peak	212	157
6	15600.00	46.63	54.00	-7.37	29.25	17.38	Average	233	122
7	15600.00	61.45	74.00	-12.55	44.07	17.38	Peak	233	122

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5200
Polarization	Vertical	Test Configuration	3



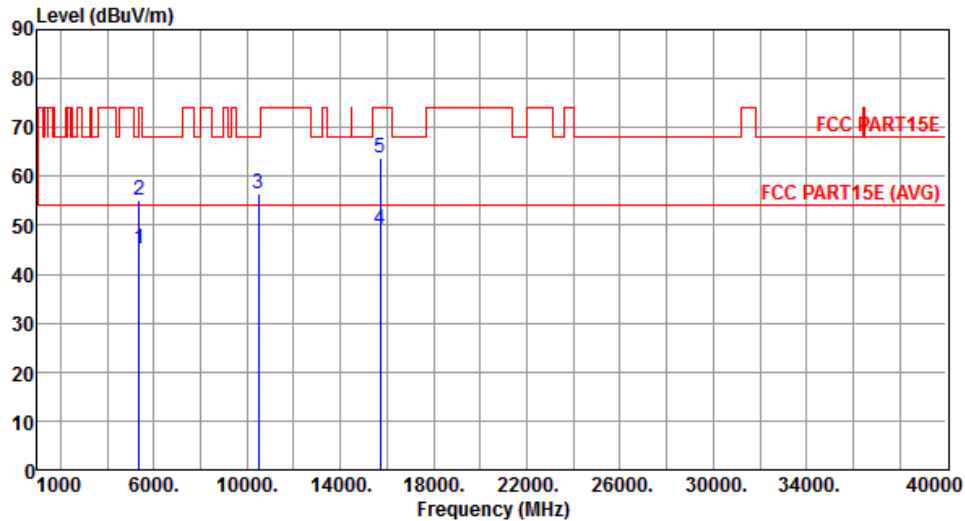
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.45	54.00	-6.55	41.14	6.31	Average	285	100
2	5150.00	57.62	74.00	-16.38	51.31	6.31	Peak	285	100
3	5350.00	45.12	54.00	-8.88	38.50	6.62	Average	292	102
4	5350.00	56.24	74.00	-17.76	49.62	6.62	Peak	292	102
5	10400.00	58.63	68.20	-9.57	42.21	16.42	Peak	222	188
6	15600.00	45.64	54.00	-8.36	28.26	17.38	Average	149	173
7	15600.00	65.11	74.00	-8.89	47.73	17.38	Peak	149	173

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5240
Polarization	Horizontal	Test Configuration	3



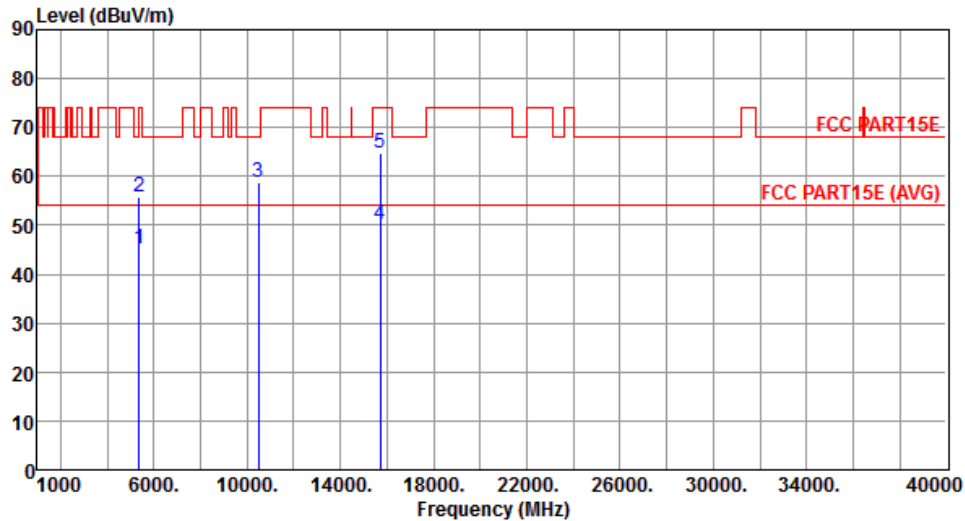
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.21	54.00	-8.79	38.59	6.62	Average	152	138
2	5350.00	55.18	74.00	-18.82	48.56	6.62	Peak	152	138
3	10480.00	56.45	68.20	-11.75	39.89	16.56	Peak	328	267
4	15720.00	49.28	54.00	-4.72	32.13	17.15	Average	239	122
5	15720.00	63.89	74.00	-10.11	46.74	17.15	Peak	239	122

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5240
Polarization	Vertical	Test Configuration	3



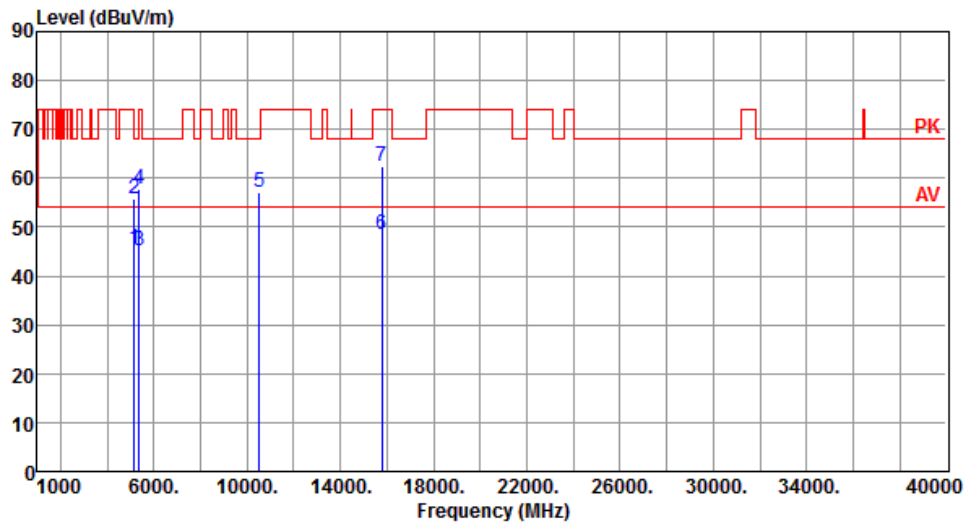
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	45.21	54.00	-8.79	38.59	6.62	Average	288	115
2	5350.00	55.75	74.00	-18.25	49.13	6.62	Peak	288	115
3	10480.00	58.87	68.20	-9.33	42.31	16.56	Peak	172	269
4	15720.00	50.24	54.00	-3.76	33.09	17.15	Average	135	178
5	15720.00	64.75	74.00	-9.25	47.60	17.15	Peak	135	178

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5260
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.37	54.00	-8.63	39.16	6.21	Average	160	39
2	5150.00	55.86	74.00	-18.14	49.65	6.21	Peak	160	39
3	5350.00	45.02	54.00	-8.98	38.57	6.45	Average	160	39
4	5350.00	57.69	74.00	-16.31	51.24	6.45	Peak	160	39
5	10520.00	57.23	68.20	-10.97	41.35	15.88	Peak	260	235
6	15780.00	48.39	54.00	-5.61	32.48	15.91	Average	236	129
7	15780.00	62.48	74.00	-11.52	46.57	15.91	Peak	236	129

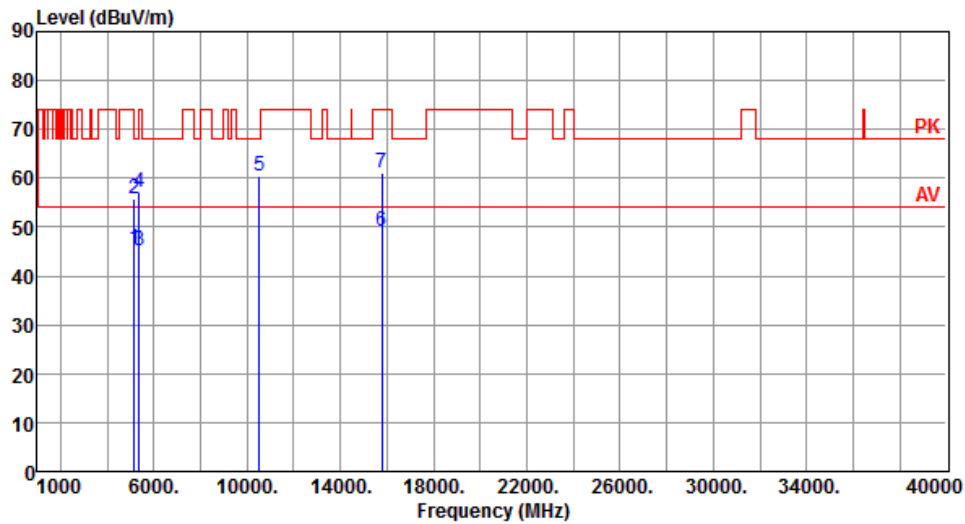
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT20	Test Freq. (MHz)	5260
Polarization	Vertical	Test Configuration	3



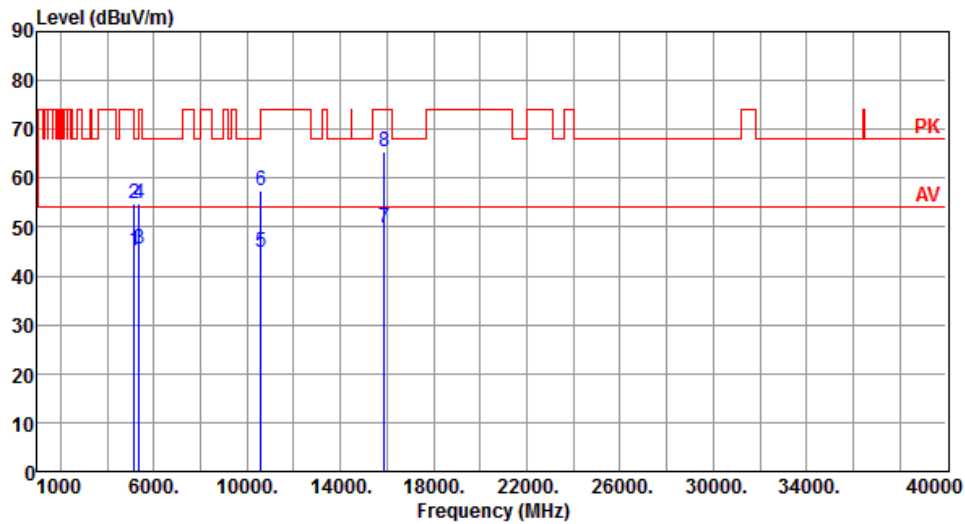
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.62	54.00	-8.38	39.41	6.21	Average	290	115
2	5150.00	55.77	74.00	-18.23	49.56	6.21	Peak	290	115
3	5350.00	45.26	54.00	-8.74	38.81	6.45	Average	290	115
4	5350.00	56.96	74.00	-17.04	50.51	6.45	Peak	290	115
5	10520.00	60.37	68.20	-7.83	44.49	15.88	Peak	149	180
6	15780.00	49.23	54.00	-4.77	33.32	15.91	Average	149	179
7	15780.00	61.26	74.00	-12.74	45.35	15.91	Peak	149	179

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5300
Polarization	Horizontal	Test Configuration	3



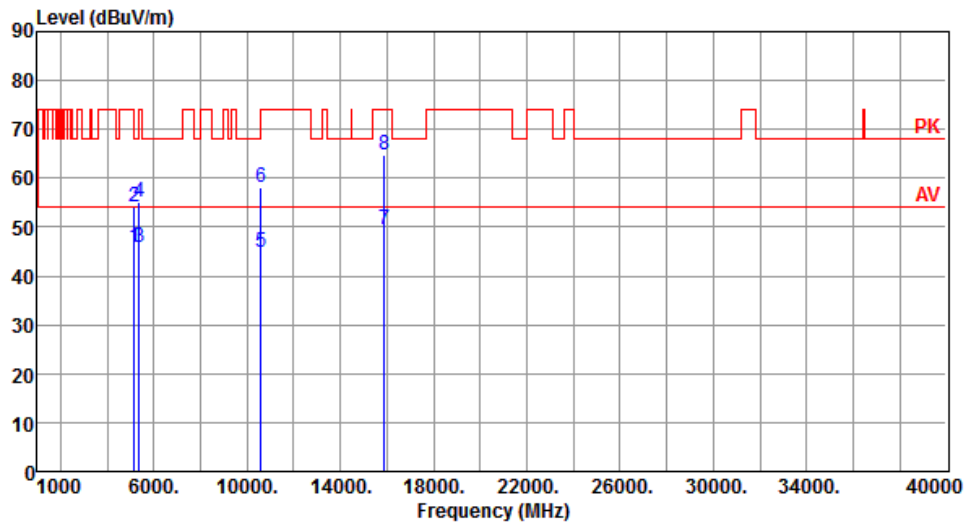
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.19	54.00	-8.81	38.98	6.21	Average	179	46
2	5150.00	54.89	74.00	-19.11	48.68	6.21	Peak	179	46
3	5350.00	45.37	54.00	-8.63	38.92	6.45	Average	179	46
4	5350.00	54.78	74.00	-19.22	48.33	6.45	Peak	179	46
5	10600.00	44.92	54.00	-9.08	28.93	15.99	Average	260	240
6	10600.00	57.55	74.00	-16.45	41.56	15.99	Peak	260	240
7	15900.00	49.69	54.00	-4.31	34.02	15.67	Average	239	117
8	15900.00	65.59	74.00	-8.41	49.92	15.67	Peak	239	117

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5300
Polarization	Vertical	Test Configuration	3



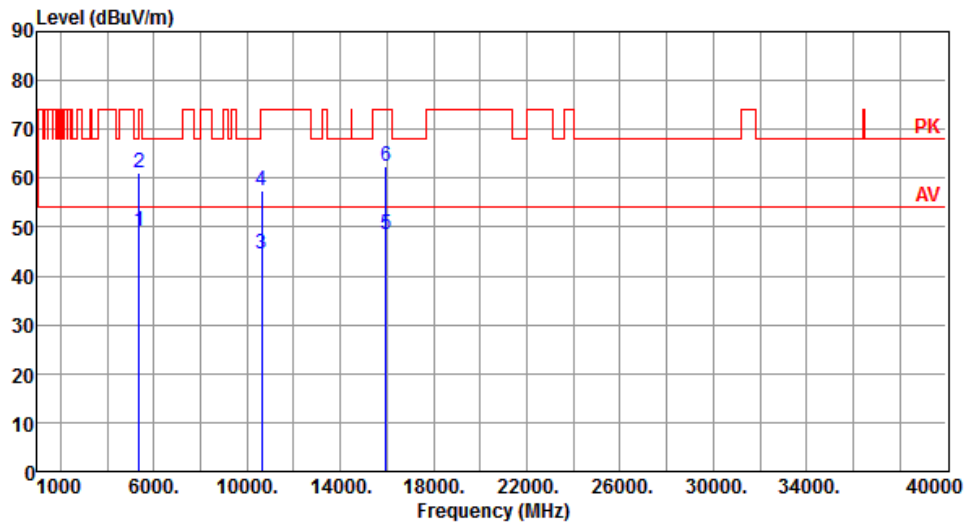
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.83	54.00	-8.17	39.62	6.21	Average	312	105
2	5150.00	54.23	74.00	-19.77	48.02	6.21	Peak	312	105
3	5350.00	45.89	54.00	-8.11	39.44	6.45	Average	312	105
4	5350.00	55.23	74.00	-18.77	48.78	6.45	Peak	312	105
5	10600.00	44.68	54.00	-9.32	28.69	15.99	Average	150	174
6	10600.00	58.21	74.00	-15.79	42.22	15.99	Peak	150	174
7	15900.00	49.46	54.00	-4.54	33.79	15.67	Average	149	178
8	15900.00	64.67	74.00	-9.33	49.00	15.67	Peak	149	178

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5320
Polarization	Horizontal	Test Configuration	3



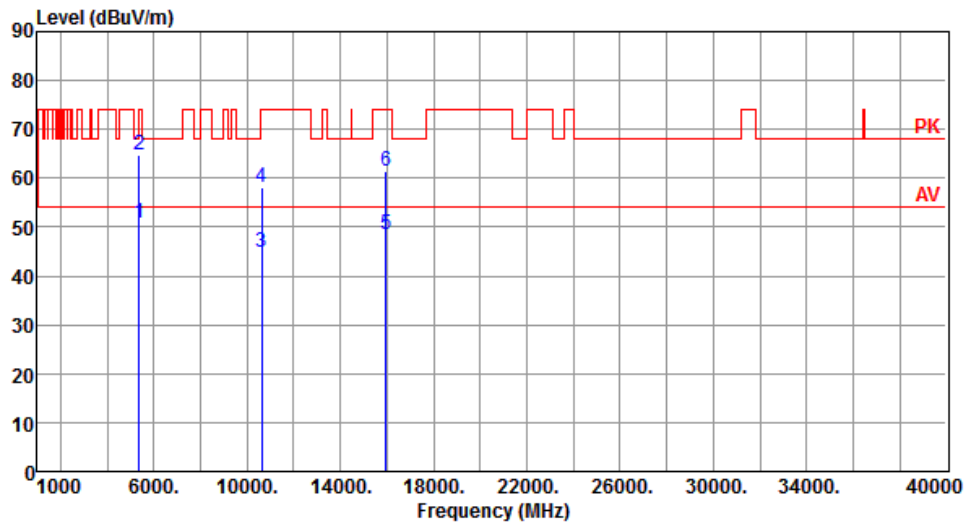
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	49.26	54.00	-4.74	42.81	6.45	Average	149	40
2	5350.00	61.21	74.00	-12.79	54.76	6.45	Peak	149	40
3	10640.00	44.66	54.00	-9.34	28.60	16.06	Average	153	163
4	10640.00	57.59	74.00	-16.41	41.53	16.06	Peak	153	163
5	15960.00	48.41	54.00	-5.59	32.86	15.55	Average	280	140
6	15960.00	62.49	74.00	-11.51	46.94	15.55	Peak	280	140

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5320
Polarization	Vertical	Test Configuration	3



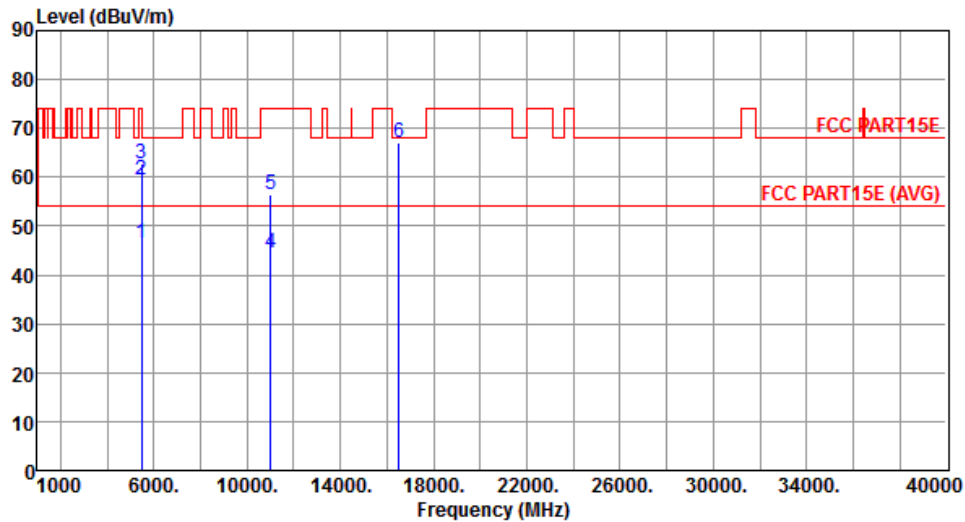
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	50.87	54.00	-3.13	44.42	6.45	Average	230	93
2	5350.00	64.69	74.00	-9.31	58.24	6.45	Peak	230	93
3	10640.00	44.99	54.00	-9.01	28.93	16.06	Average	149	189
4	10640.00	58.21	74.00	-15.79	42.15	16.06	Peak	149	189
5	15960.00	48.36	54.00	-5.64	32.81	15.55	Average	148	183
6	15960.00	61.32	74.00	-12.68	45.77	15.55	Peak	148	183

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5500
Polarization	Horizontal	Test Configuration	3



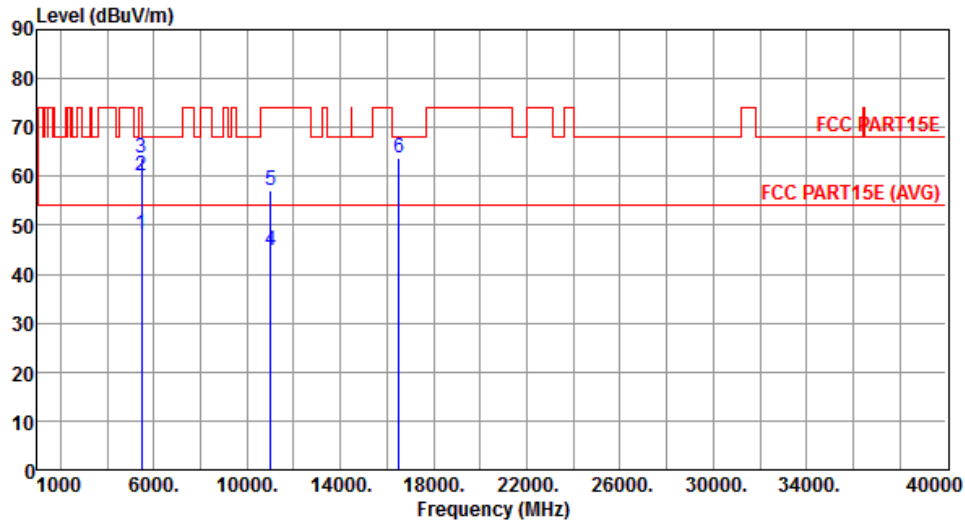
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.55	54.00	-7.45	39.79	6.76	Average	271	37
2	5460.00	59.48	74.00	-14.52	52.72	6.76	Peak	271	37
3	5470.00	62.73	68.20	-5.47	55.96	6.77	Peak	271	37
4	11000.00	44.34	54.00	-9.66	27.62	16.72	Average	255	187
5	11000.00	56.57	74.00	-17.43	39.85	16.72	Peak	255	187
6	16500.00	67.09	68.20	-1.11	49.22	17.87	Peak	217	115

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5500
Polarization	Vertical	Test Configuration	3



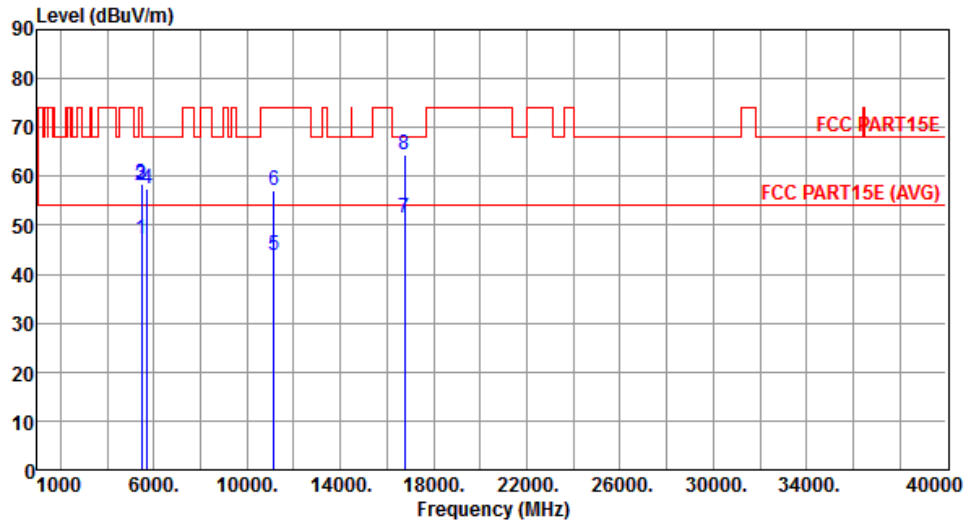
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.99	54.00	-6.01	41.23	6.76	Average	150	106
2	5460.00	60.09	74.00	-13.91	53.33	6.76	Peak	150	106
3	5470.00	63.73	68.20	-4.47	56.96	6.77	Peak	150	106
4	11000.00	44.85	54.00	-9.15	28.13	16.72	Average	157	184
5	11000.00	57.15	74.00	-16.85	40.43	16.72	Peak	157	184
6	16500.00	63.78	68.20	-4.42	45.91	17.87	Peak	154	188

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5580
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	47.06	54.00	-6.94	40.30	6.76	Average	240	29
2	5460.00	58.18	74.00	-15.82	51.42	6.76	Peak	240	29
3	5470.00	58.56	68.20	-9.64	51.79	6.77	Peak	240	29
4	5725.00	57.49	68.20	-10.71	50.25	7.24	Peak	240	29
5	11160.00	43.87	54.00	-10.13	27.08	16.79	Average	254	183
6	11160.00	57.06	74.00	-16.94	40.27	16.79	Peak	254	183
7	16740.00	51.64	54.00	-2.36	33.24	18.40	Average	186	122
8	16740.00	64.38	68.20	-3.82	45.98	18.40	Peak	186	122

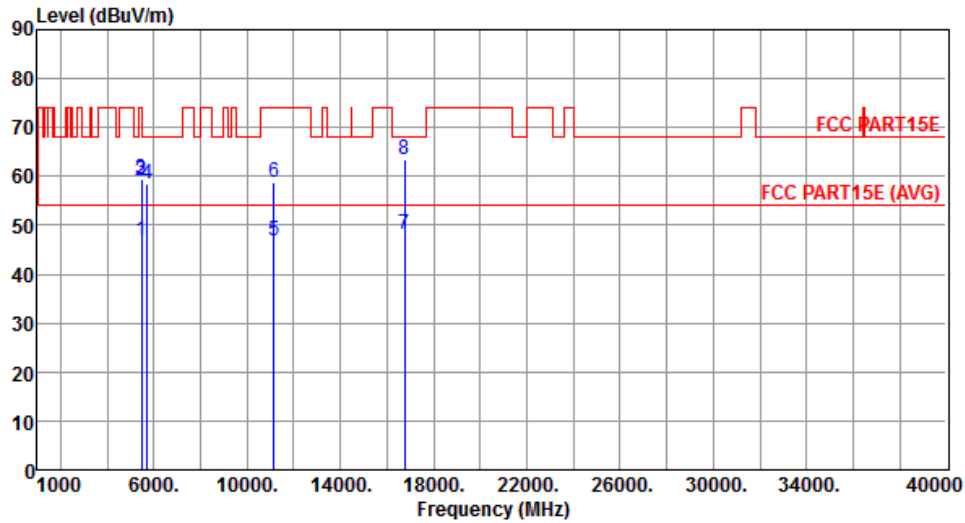
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT20	Test Freq. (MHz)	5580
Polarization	Vertical	Test Configuration	3



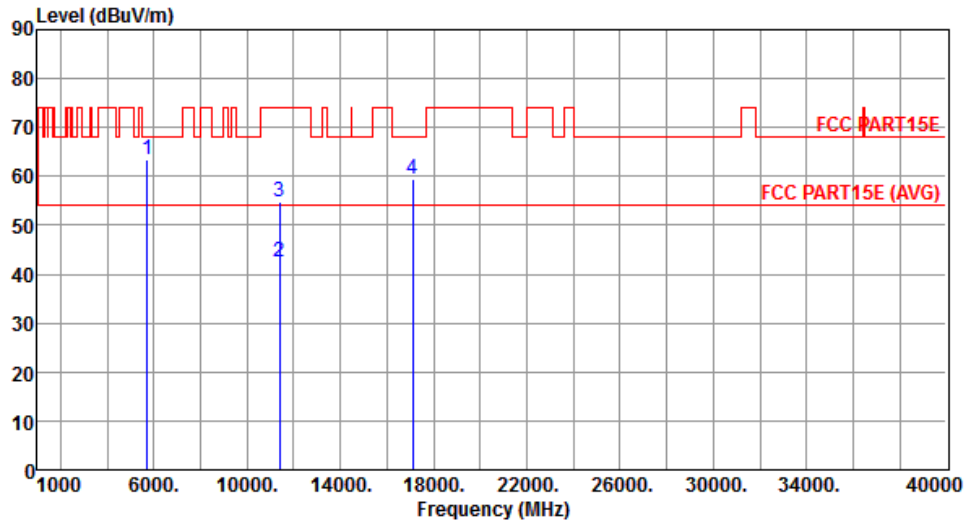
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.91	54.00	-7.09	40.15	6.76	Average	331	111
2	5460.00	59.12	74.00	-14.88	52.36	6.76	Peak	331	111
3	5470.00	59.60	68.20	-8.60	52.83	6.77	Peak	331	111
4	5725.00	58.35	68.20	-9.85	51.11	7.24	Peak	331	111
5	11160.00	46.74	54.00	-7.26	29.95	16.79	Average	172	185
6	11160.00	58.83	74.00	-15.17	42.04	16.79	Peak	172	185
7	16740.00	48.23	54.00	-5.77	29.83	18.40	Average	160	183
8	16740.00	63.37	68.20	-4.83	44.97	18.40	Peak	160	183

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5700
Polarization	Horizontal	Test Configuration	3



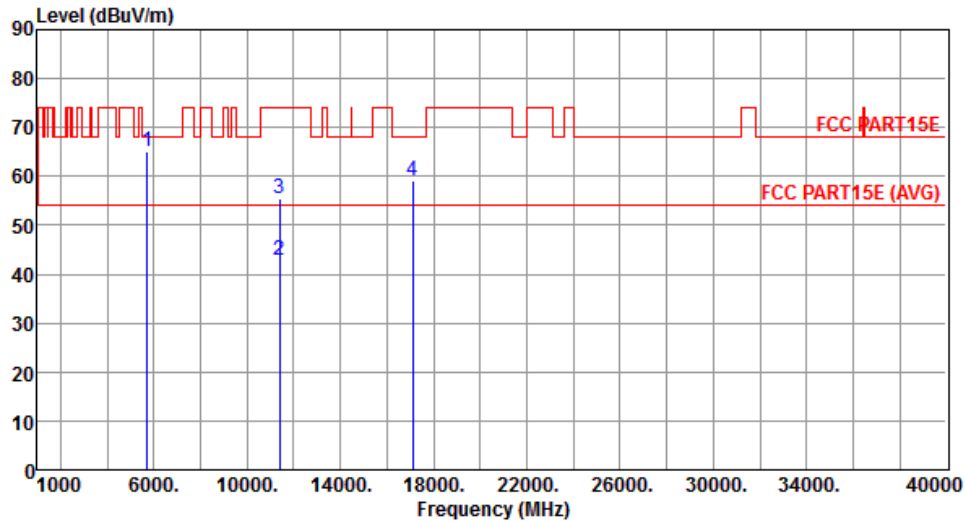
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	63.46	68.20	-4.74	56.22	7.24	Peak	236	26
2	11400.00	42.43	54.00	-11.57	25.55	16.88	Average	274	134
3	11400.00	54.78	74.00	-19.22	37.90	16.88	Peak	274	134
4	17100.00	59.30	68.20	-8.90	40.18	19.12	Peak	269	112

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5700
Polarization	Vertical	Test Configuration	3



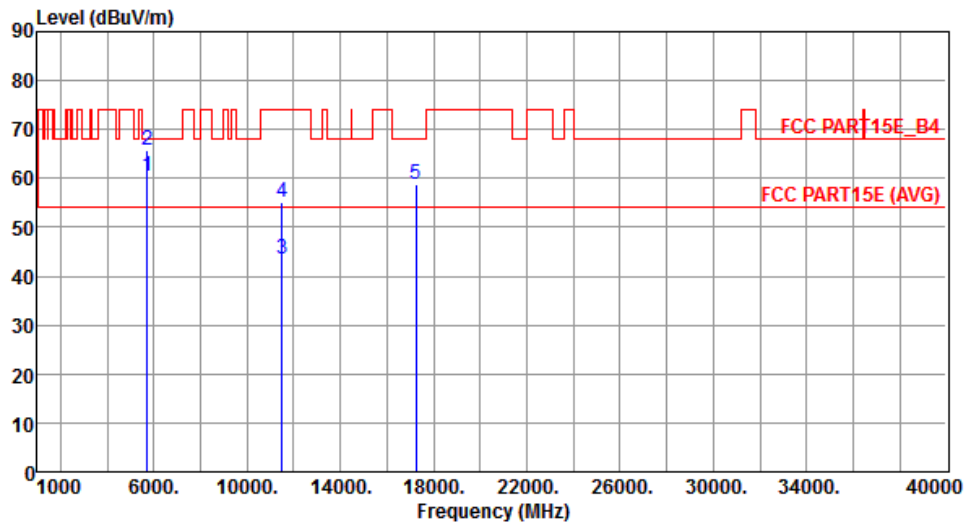
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	65.12	68.20	-3.08	57.88	7.24	Peak	209	92
2	11400.00	42.78	54.00	-11.22	25.90	16.88	Average	172	344
3	11400.00	55.34	74.00	-18.66	38.46	16.88	Peak	172	334
4	17100.00	59.03	68.20	-9.17	39.91	19.12	Peak	182	174

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5745
Polarization	Horizontal	Test Configuration	3



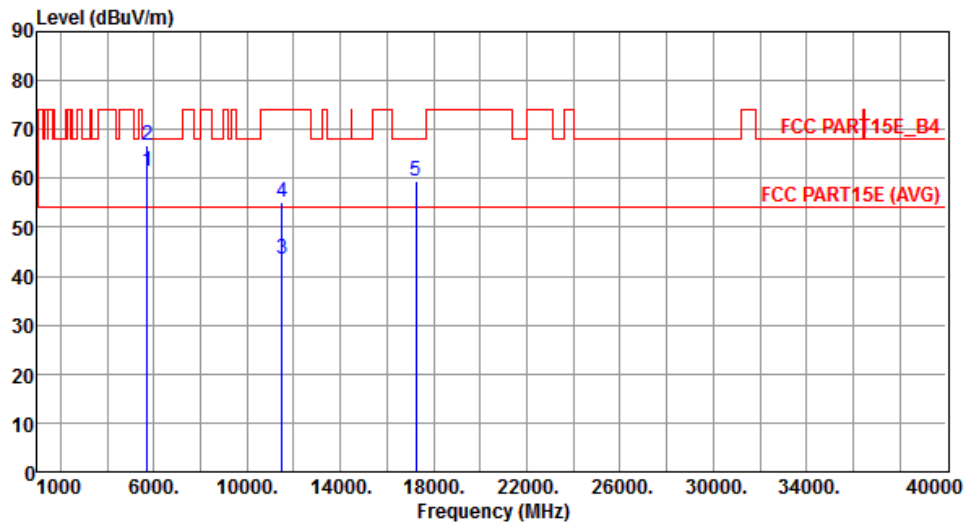
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	60.51	68.20	-7.69	53.31	7.20	Peak	314	206
2	5725.00	65.65	78.20	-12.55	58.41	7.24	Peak	314	206
3	11490.00	43.34	54.00	-10.66	26.43	16.91	Average	255	231
4	11490.00	55.16	74.00	-18.84	38.25	16.91	Peak	255	231
5	17235.00	58.89	68.20	-9.31	39.57	19.32	Peak	153	194

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT20	Test Freq. (MHz)	5745
Polarization	Vertical	Test Configuration	3



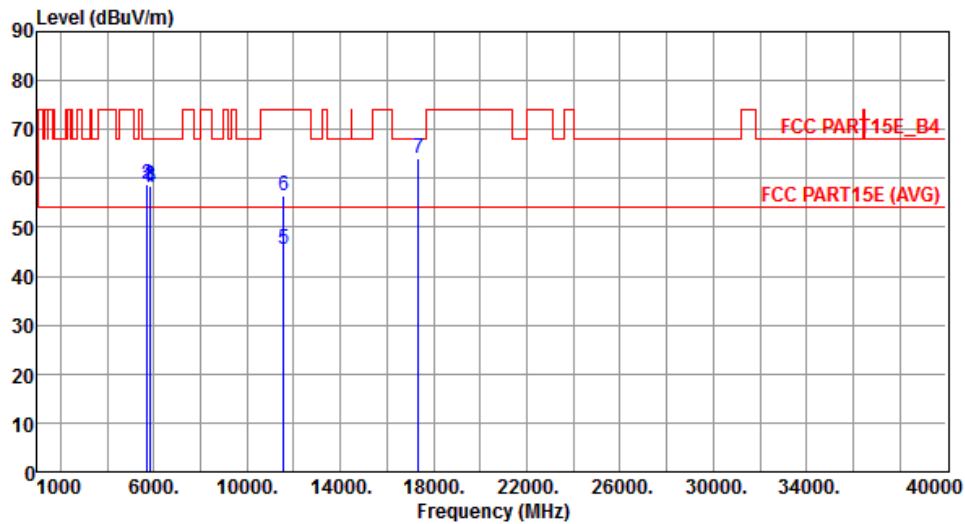
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	61.45	68.20	-6.75	54.25	7.20	Peak	150	105
2	5725.00	66.90	78.20	-11.30	59.66	7.24	Peak	150	105
3	11490.00	43.50	54.00	-10.50	26.59	16.91	Average	218	162
4	11490.00	55.29	74.00	-18.71	38.38	16.91	Peak	218	162
5	17235.00	59.46	68.20	-8.74	40.14	19.32	Peak	185	185

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5785
Polarization	Horizontal	Test Configuration	3



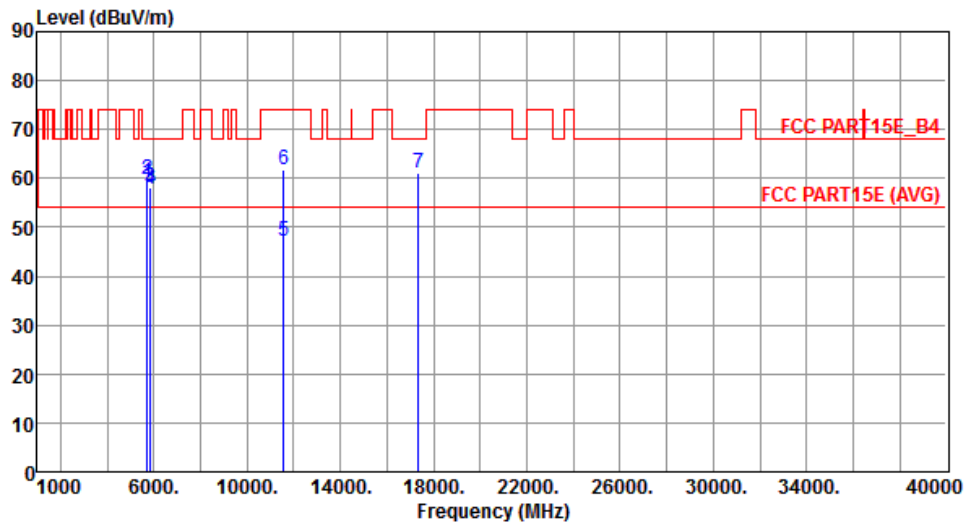
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	58.24	68.20	-9.96	51.04	7.20	Peak	284	202
2	5725.00	58.83	78.20	-19.37	51.59	7.24	Peak	284	202
3	5850.00	58.49	78.20	-19.71	50.99	7.50	Peak	284	202
4	5860.00	58.14	68.20	-10.06	50.63	7.51	Peak	284	202
5	11570.00	45.63	54.00	-8.37	28.83	16.80	Average	289	121
6	11570.00	56.33	74.00	-17.67	39.53	16.80	Peak	289	121
7	17355.00	64.09	68.20	-4.11	44.60	19.49	Peak	185	130

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5785
Polarization	Vertical	Test Configuration	3



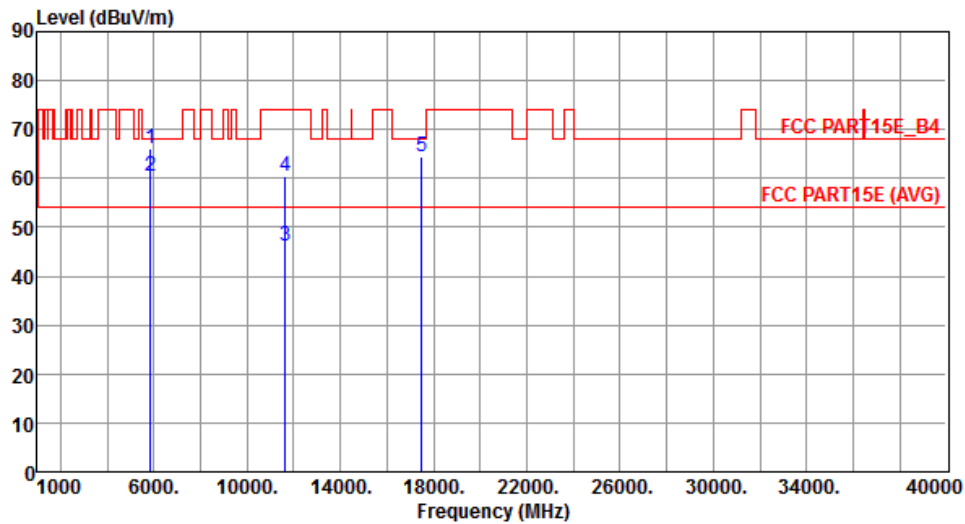
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	59.19	68.20	-9.01	51.99	7.20	Peak	321	112
2	5725.00	59.94	78.20	-18.26	52.70	7.24	Peak	321	112
3	5850.00	58.05	78.20	-20.15	50.55	7.50	Peak	321	112
4	5860.00	57.78	68.20	-10.42	50.27	7.51	Peak	321	112
5	11570.00	47.28	54.00	-6.72	30.48	16.80	Average	203	187
6	11570.00	61.78	74.00	-12.22	44.98	16.80	Peak	203	187
7	17355.00	60.99	68.20	-7.21	41.50	19.49	Peak	169	165

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT20	Test Freq. (MHz)	5825
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	66.12	78.20	-12.08	58.62	7.50	Peak	265	203
2	5860.00	60.56	68.20	-7.64	53.05	7.51	Peak	265	203
3	11650.00	46.22	54.00	-7.78	29.57	16.65	Average	158	163
4	11650.00	60.59	74.00	-13.41	43.94	16.65	Peak	158	163
5	17475.00	64.44	68.20	-3.76	44.78	19.66	Peak	278	241

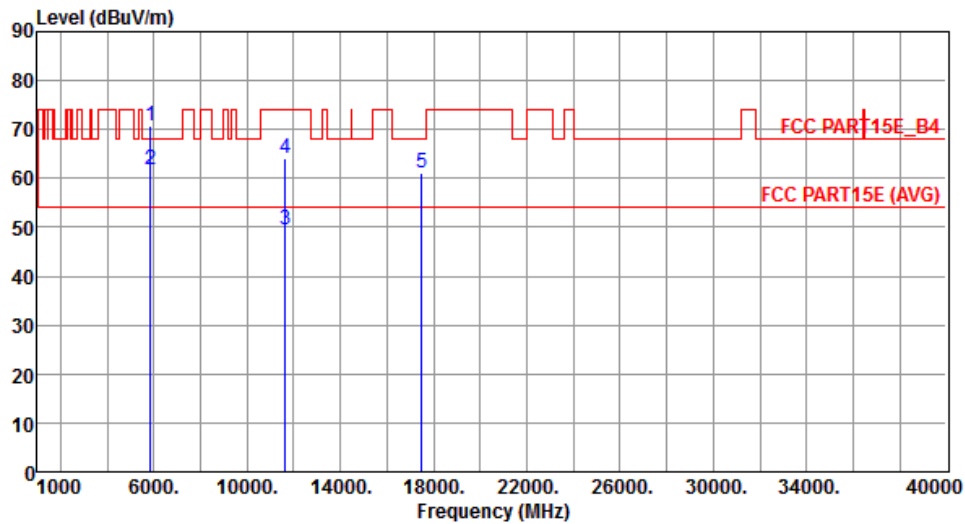
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT20	Test Freq. (MHz)	5825
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	70.82	78.20	-7.38	63.32	7.50	Peak	209	92
2	5860.00	61.70	68.20	-6.50	54.19	7.51	Peak	209	92
3	11650.00	49.57	54.00	-4.43	32.92	16.65	Average	179	172
4	11650.00	64.12	74.00	-9.88	47.47	16.65	Peak	179	172
5	17475.00	60.96	68.20	-7.24	41.30	19.66	Peak	162	187

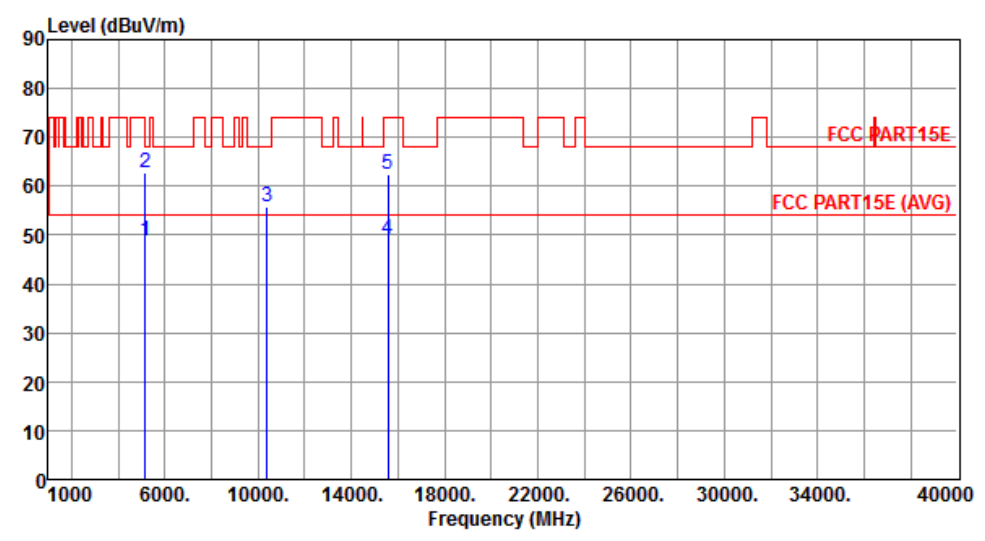
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

### 3.5.15 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT40

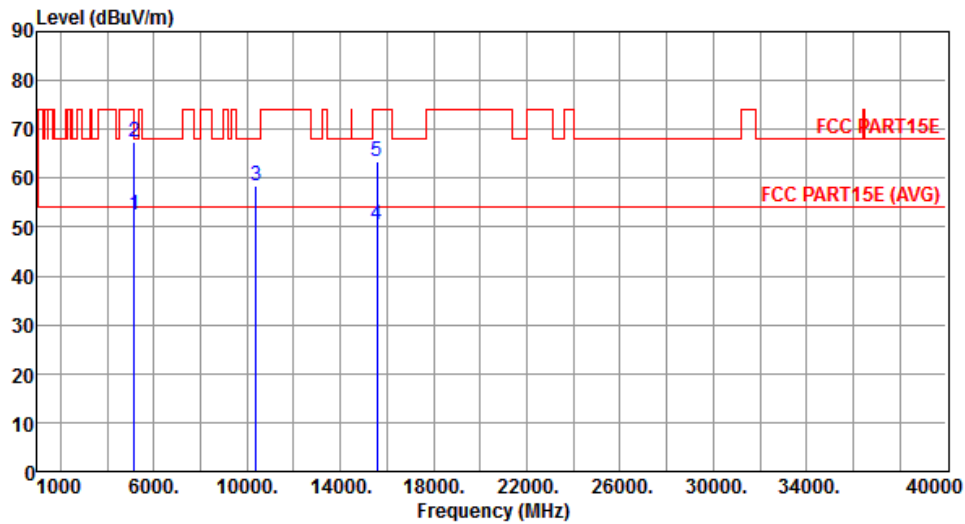
Modulation	HT40	Test Freq. (MHz)	5190
Polarization	Horizontal	Test Configuration	3

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	48.74	54.00	-5.26	42.43	6.31	Average	245	211
2	5150.00	62.84	74.00	-11.16	56.53	6.31	Peak	245	211
3	10380.00	55.72	68.20	-12.48	39.35	16.37	Peak	346	138
4	15570.00	49.02	54.00	-4.98	31.59	17.43	Average	167	131
5	15570.00	62.54	74.00	-11.46	45.11	17.43	Peak	167	131

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)  
\*Factor includes antenna factor , cable loss and amplifier gain  
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5190
Polarization	Vertical	Test Configuration	3



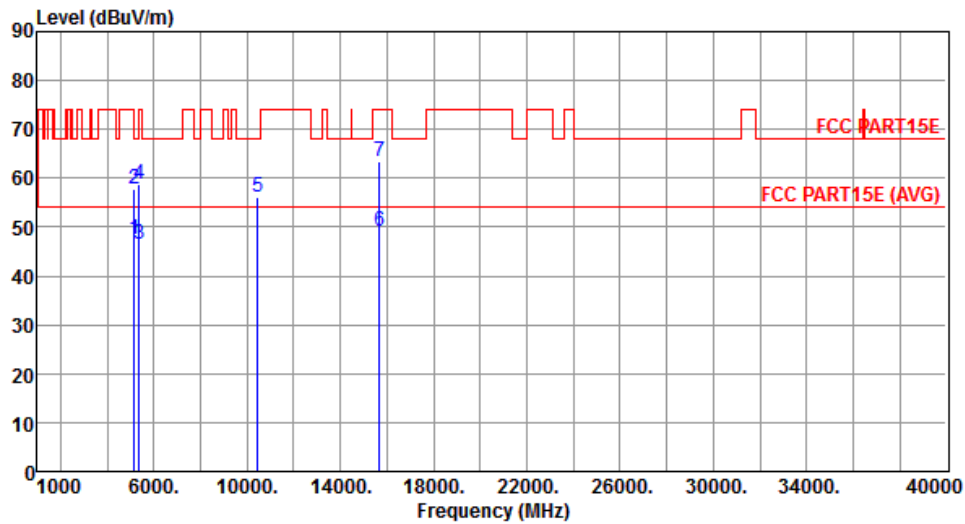
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	52.62	54.00	-1.38	46.31	6.31	Average	332	110
2	5150.00	67.53	74.00	-6.47	61.22	6.31	Peak	332	110
3	10380.00	58.32	68.20	-9.88	41.95	16.37	Peak	374	178
4	15570.00	50.63	54.00	-3.37	33.20	17.43	Average	158	182
5	15570.00	63.51	74.00	-10.49	46.08	17.43	Peak	158	182

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5230
Polarization	Horizontal	Test Configuration	3



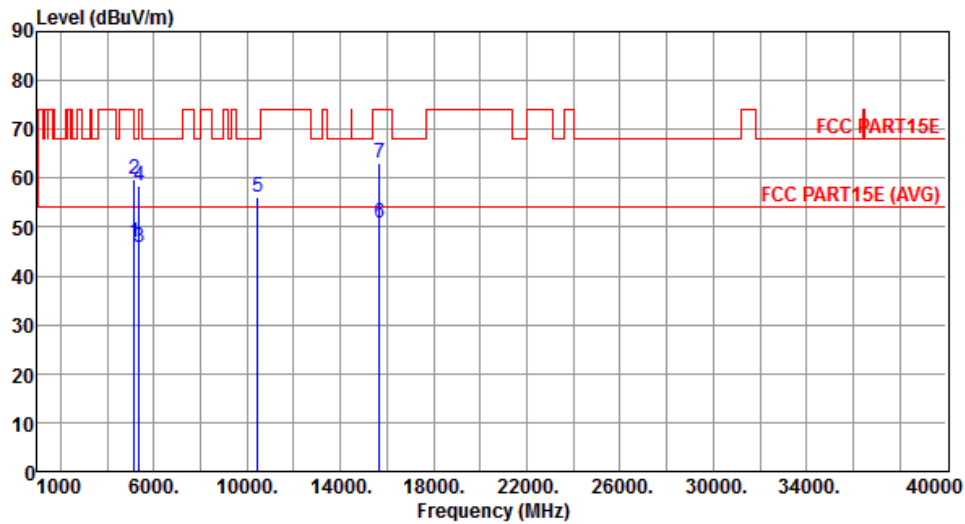
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	47.35	54.00	-6.65	41.04	6.31	Average	153	39
2	5150.00	57.76	74.00	-16.24	51.45	6.31	Peak	153	39
3	5350.00	46.58	54.00	-7.42	39.96	6.62	Average	153	39
4	5350.00	58.73	74.00	-15.27	52.11	6.62	Peak	153	39
5	10460.00	55.97	68.20	-12.23	39.44	16.53	Peak	351	148
6	15690.00	49.11	54.00	-4.89	31.89	17.22	Average	154	138
7	15690.00	63.28	74.00	-10.72	46.06	17.22	Peak	154	138

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5230
Polarization	Vertical	Test Configuration	3



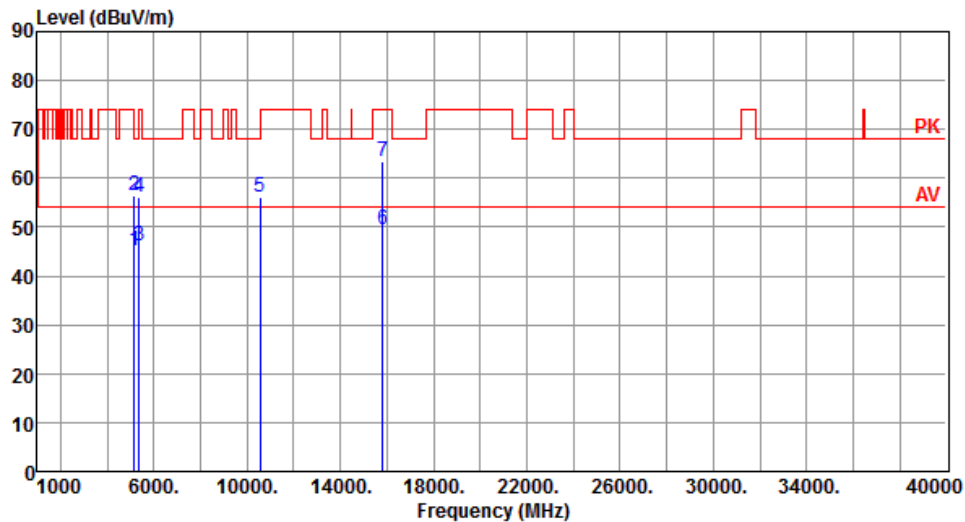
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	46.89	54.00	-7.11	40.58	6.31	Average	322	115
2	5150.00	59.94	74.00	-14.06	53.63	6.31	Peak	322	115
3	5350.00	45.75	54.00	-8.25	39.13	6.62	Average	322	115
4	5350.00	58.36	74.00	-15.64	51.74	6.62	Peak	322	115
5	10460.00	56.08	68.20	-12.12	39.55	16.53	Peak	368	174
6	15690.00	50.78	54.00	-3.22	33.56	17.22	Average	143	193
7	15690.00	63.26	74.00	-10.74	46.04	17.22	Peak	143	193

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5270
Polarization	Horizontal	Test Configuration	3



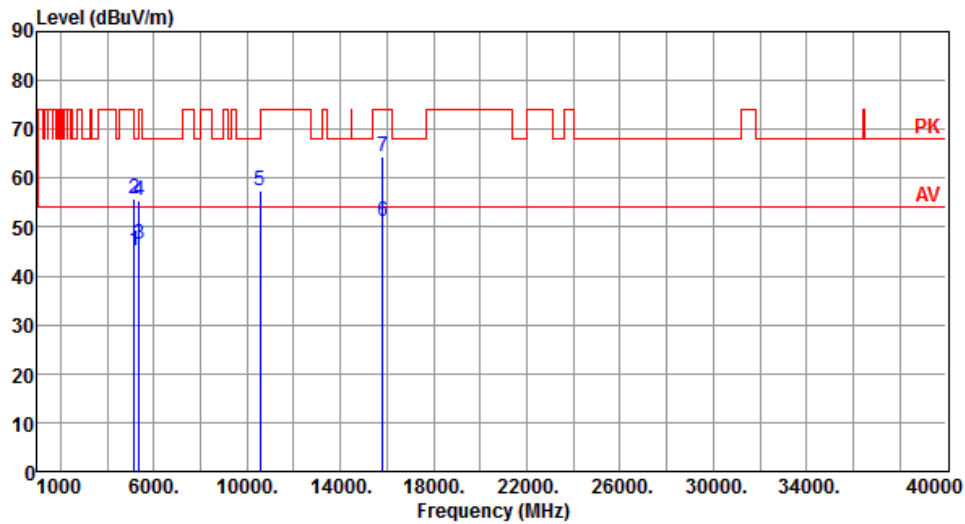
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.26	54.00	-8.74	39.05	6.21	Average	149	36
2	5150.00	56.36	74.00	-17.64	50.15	6.21	Peak	149	36
3	5350.00	46.29	54.00	-7.71	39.84	6.45	Average	149	36
4	5350.00	56.27	74.00	-17.73	49.82	6.45	Peak	149	36
5	10540.00	56.21	68.20	-11.99	40.31	15.90	Peak	180	242
6	15810.00	49.36	54.00	-4.64	33.51	15.85	Average	149	243
7	15810.00	63.31	74.00	-10.69	47.46	15.85	Peak	149	243

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5270
Polarization	Vertical	Test Configuration	3



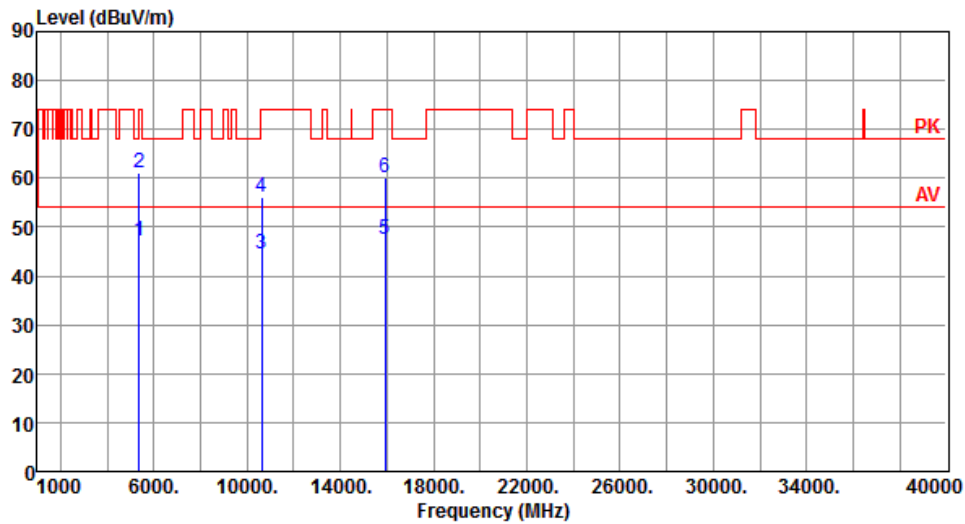
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5150.00	45.29	54.00	-8.71	39.08	6.21	Average	320	115
2	5150.00	55.67	74.00	-18.33	49.46	6.21	Peak	320	115
3	5350.00	46.55	54.00	-7.45	40.10	6.45	Average	320	115
4	5350.00	55.38	74.00	-18.62	48.93	6.45	Peak	320	115
5	10540.00	57.45	68.20	-10.75	41.55	15.90	Peak	368	200
6	15810.00	51.21	54.00	-2.79	35.36	15.85	Average	149	190
7	15810.00	64.39	74.00	-9.61	48.54	15.85	Peak	149	190

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5310
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	47.22	54.00	-6.78	40.77	6.45	Average	148	42
2	5350.00	61.03	74.00	-12.97	54.58	6.45	Peak	148	42
3	10620.00	44.36	54.00	-9.64	28.34	16.02	Average	315	270
4	10620.00	56.26	74.00	-17.74	40.24	16.02	Peak	315	270
5	15930.00	47.34	54.00	-6.66	31.73	15.61	Average	260	136
6	15930.00	60.27	74.00	-13.73	44.66	15.61	Peak	260	136

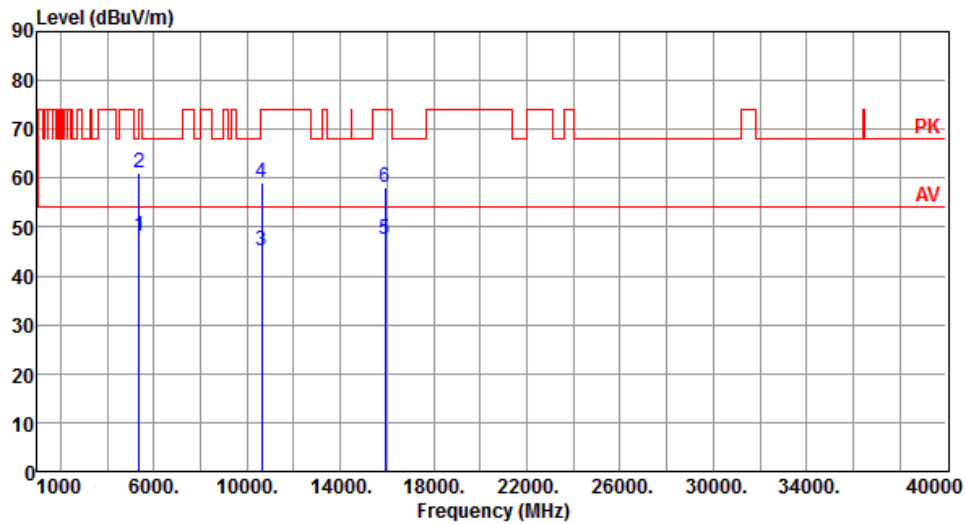
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	HT40	Test Freq. (MHz)	5310
Polarization	Vertical	Test Configuration	3



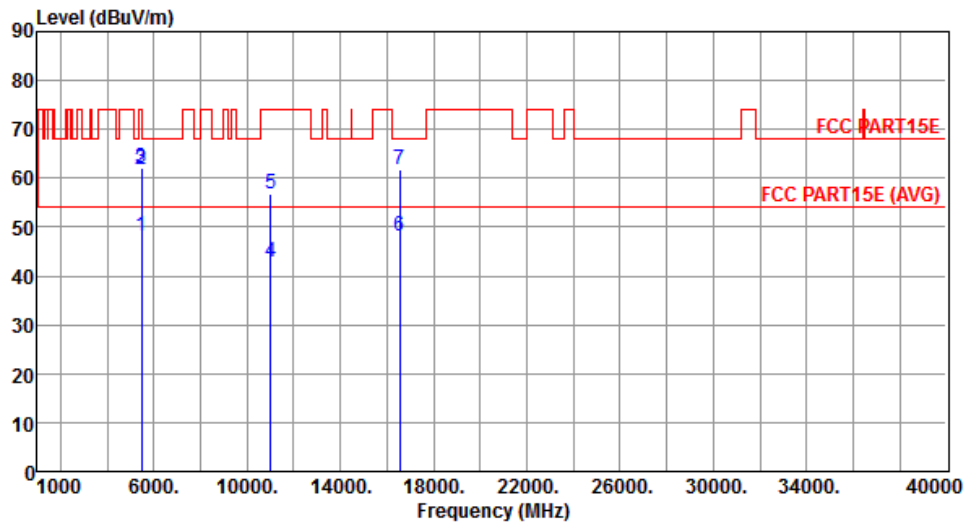
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5350.00	48.25	54.00	-5.75	41.80	6.45	Average	292	125
2	5350.00	60.96	74.00	-13.04	54.51	6.45	Peak	290	125
3	10620.00	45.12	54.00	-8.88	29.10	16.02	Average	263	210
4	10620.00	59.21	74.00	-14.79	43.19	16.02	Peak	263	210
5	15930.00	47.56	54.00	-6.44	31.95	15.61	Average	160	190
6	15930.00	58.26	74.00	-15.74	42.65	15.61	Peak	160	190

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5510
Polarization	Horizontal	Test Configuration	3



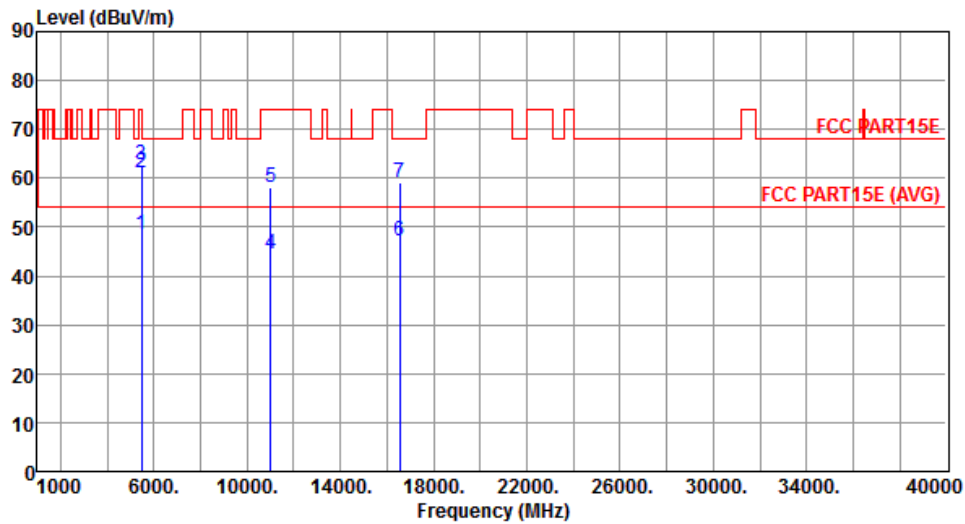
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.03	54.00	-5.97	41.27	6.76	Average	150	41
2	5460.00	61.78	74.00	-12.22	55.02	6.76	Peak	150	41
3	5470.00	62.09	68.20	-6.11	55.32	6.77	Peak	150	41
4	11020.00	42.86	54.00	-11.14	26.13	16.73	Average	167	267
5	11020.00	56.75	74.00	-17.25	40.02	16.73	Peak	167	267
6	16530.00	48.08	54.00	-5.92	30.14	17.94	Average	268	144
7	16530.00	61.86	68.20	-6.34	43.92	17.94	Peak	268	144

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5510
Polarization	Vertical	Test Configuration	3



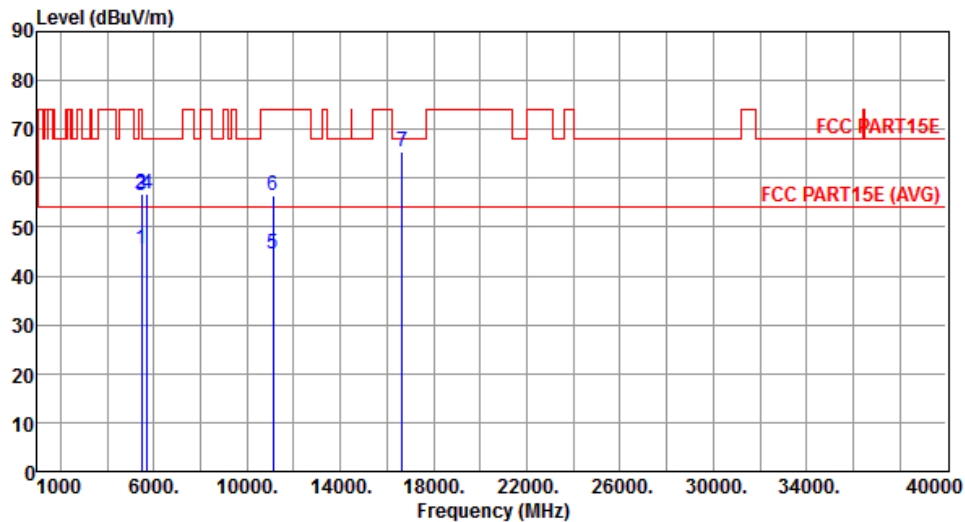
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	48.57	54.00	-5.43	41.81	6.76	Average	339	115
2	5460.00	61.01	74.00	-12.99	54.25	6.76	Peak	339	115
3	5470.00	62.68	68.20	-5.52	55.91	6.77	Peak	339	115
4	11020.00	44.37	54.00	-9.63	27.64	16.73	Average	305	195
5	11020.00	58.13	74.00	-15.87	41.40	16.73	Peak	305	195
6	16530.00	47.20	54.00	-6.80	29.26	17.94	Average	150	178
7	16530.00	59.20	68.20	-9.00	41.26	17.94	Peak	150	178

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Horizontal	Test Configuration	3



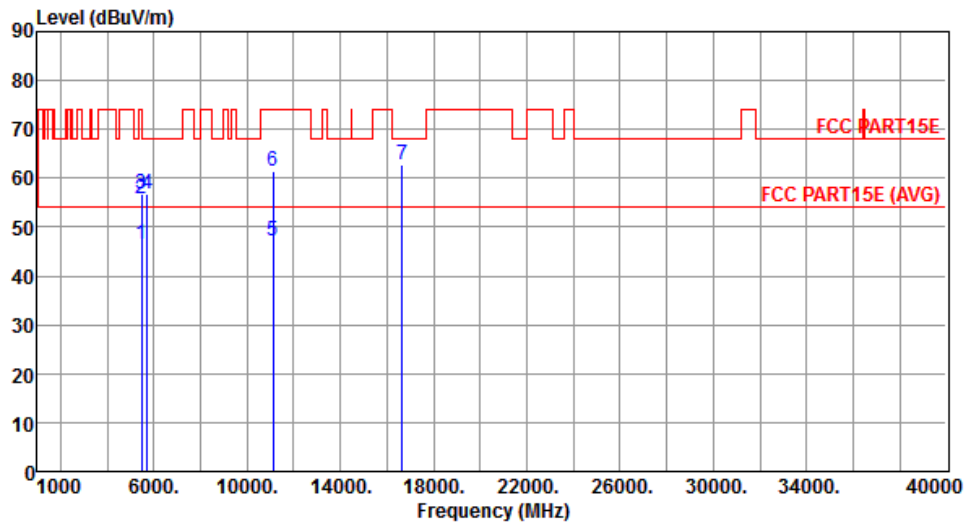
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	45.62	54.00	-8.38	38.86	6.76	Average	153	48
2	5460.00	56.77	74.00	-17.23	50.01	6.76	Peak	153	48
3	5470.00	56.53	68.20	-11.67	49.76	6.77	Peak	153	48
4	5725.00	56.84	68.20	-11.36	49.60	7.24	Peak	153	48
5	11100.00	44.51	54.00	-9.49	27.75	16.76	Average	172	247
6	11100.00	56.39	74.00	-17.61	39.63	16.76	Peak	172	247
7	16650.00	65.48	68.20	-2.72	47.28	18.20	Peak	234	128

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	HT40	Test Freq. (MHz)	5550
Polarization	Vertical	Test Configuration	3



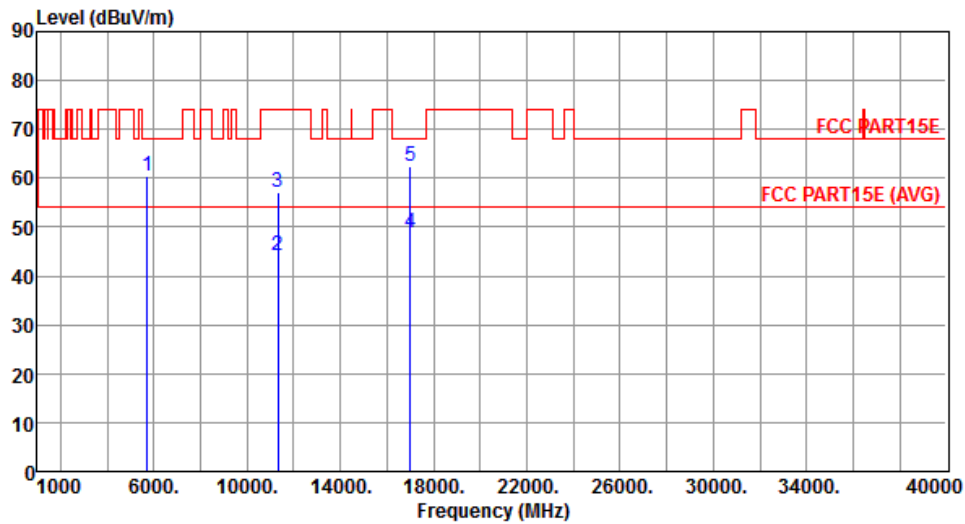
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5460.00	46.43	54.00	-7.57	39.67	6.76	Average	324	119
2	5460.00	55.89	74.00	-18.11	49.13	6.76	Peak	324	119
3	5470.00	56.78	68.20	-11.42	50.01	6.77	Peak	324	119
4	5725.00	56.65	68.20	-11.55	49.41	7.24	Peak	324	119
5	11100.00	47.23	54.00	-6.77	30.47	16.76	Average	292	185
6	11100.00	61.47	74.00	-12.53	44.71	16.76	Peak	292	185
7	16650.00	62.82	68.20	-5.38	44.62	18.20	Peak	157	176

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5670
Polarization	Horizontal	Test Configuration	3



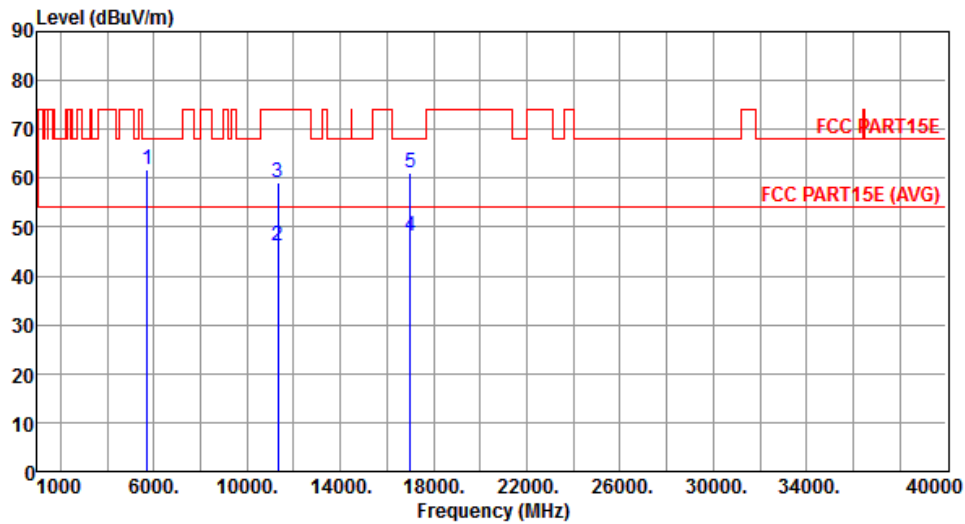
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	60.60	68.20	-7.60	53.36	7.24	Peak	150	35
2	11340.00	44.25	54.00	-9.75	27.40	16.85	Average	271	230
3	11340.00	57.15	74.00	-16.85	40.30	16.85	Peak	271	230
4	17010.00	48.68	54.00	-5.32	29.69	18.99	Average	225	132
5	17010.00	62.51	68.20	-5.69	43.52	18.99	Peak	225	132

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5670
Polarization	Vertical	Test Configuration	3



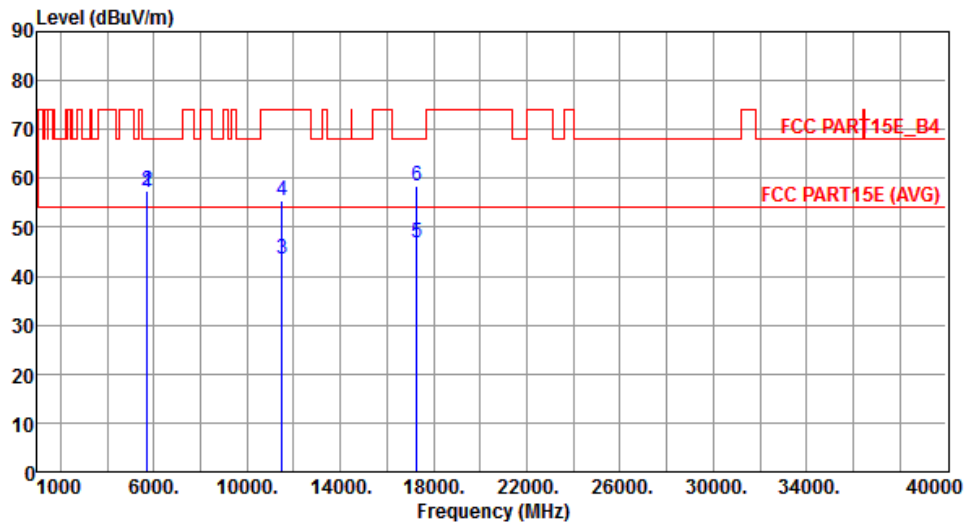
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	61.84	68.20	-6.36	54.60	7.24	Peak	324	115
2	11340.00	46.03	54.00	-7.97	29.18	16.85	Average	390	62
3	11340.00	59.12	74.00	-14.88	42.27	16.85	Peak	390	62
4	17010.00	48.29	54.00	-5.71	29.30	18.99	Average	162	160
5	17010.00	60.94	68.20	-7.26	41.95	18.99	Peak	162	160

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	57.19	68.20	-11.01	49.99	7.20	Peak	150	36
2	5725.00	57.50	78.20	-20.70	50.26	7.24	Peak	150	36
3	11510.00	43.60	54.00	-10.40	26.70	16.90	Average	261	205
4	11510.00	55.52	74.00	-18.48	38.62	16.90	Peak	261	205
5	17265.00	46.68	54.00	-7.32	27.32	19.36	Average	150	39
6	17265.00	58.32	68.20	-9.88	38.96	19.36	Peak	150	39

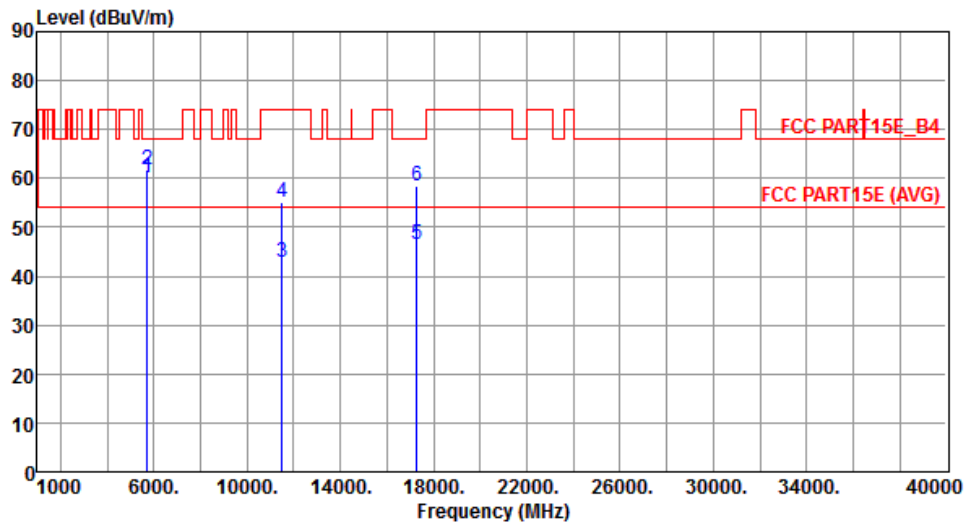
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	HT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	3



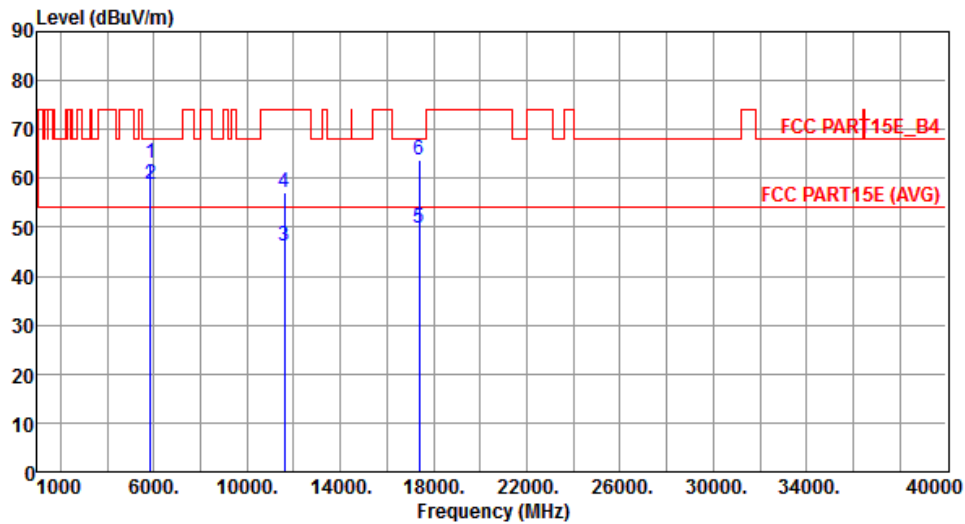
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	60.01	68.20	-8.19	52.81	7.20	Peak	195	86
2	5725.00	61.72	78.20	-16.48	54.48	7.24	Peak	195	86
3	11510.00	43.00	54.00	-11.00	26.10	16.90	Average	351	277
4	11510.00	55.16	74.00	-18.84	38.26	16.90	Peak	351	277
5	17265.00	46.39	54.00	-7.61	27.03	19.36	Average	150	180
6	17265.00	58.49	68.20	-9.71	39.13	19.36	Peak	150	180

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	3



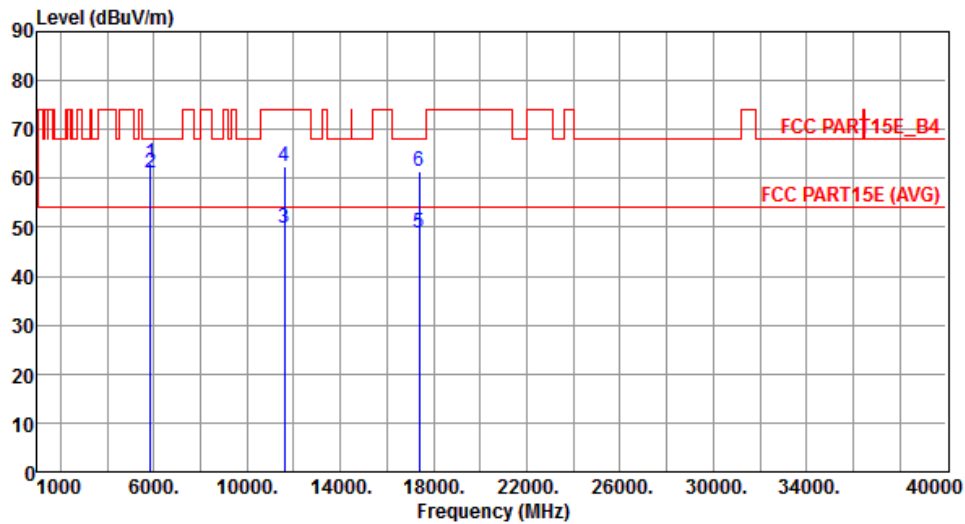
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	63.11	78.20	-15.09	55.61	7.50	Peak	307	201
2	5860.00	58.77	68.20	-9.43	51.26	7.51	Peak	307	201
3	11590.00	46.15	54.00	-7.85	29.39	16.76	Average	150	166
4	11590.00	57.22	74.00	-16.78	40.46	16.76	Peak	150	166
5	17385.00	49.88	54.00	-4.12	30.34	19.54	Average	225	142
6	17385.00	63.82	68.20	-4.38	44.28	19.54	Peak	225	142

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	HT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	3



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5850.00	63.18	78.20	-15.02	55.68	7.50	Peak	195	86
2	5860.00	61.09	68.20	-7.11	53.58	7.51	Peak	195	86
3	11590.00	49.83	54.00	-4.17	33.07	16.76	Average	150	172
4	11590.00	62.35	74.00	-11.65	45.59	16.76	Peak	150	172
5	17385.00	48.79	54.00	-5.21	29.25	19.54	Average	220	159
6	17385.00	61.33	68.20	-6.87	41.79	19.54	Peak	220	159

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

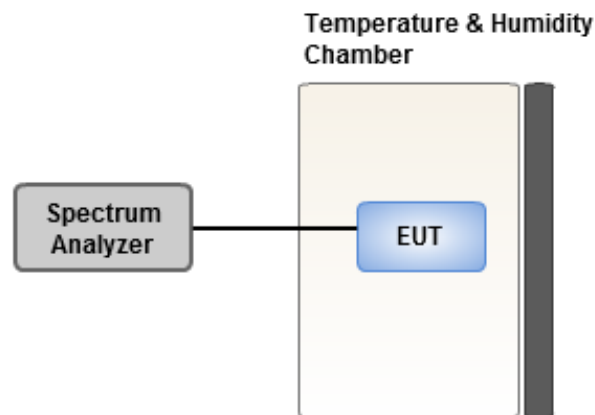
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

### 3.6 Frequency Stability (Reference only)

#### 3.6.1 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under -40 to 85 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

#### 3.6.2 Test Setup



### 3.6.3 Test Result of Frequency Stability

Frequency: 5320 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	-0.11	0.48	0.59	0.35
T20°C Vmin	0.35	0.77	0.61	0.17
T85°C Vnom	-0.05	0.16	0.36	0.25
T80°C Vnom	0.33	0.33	0.32	0.11
T70°C Vnom	-0.20	0.04	-0.34	-0.12
T60°C Vnom	0.39	0.98	0.13	0.78
T50°C Vnom	1.00	1.56	1.07	1.45
T40°C Vnom	0.13	0.56	0.87	0.36
T30°C Vnom	0.33	0.64	0.45	0.53
T20°C Vnom	0.27	0.91	0.12	0.30
T10°C Vnom	0.18	0.30	0.70	0.54
T0°C Vnom	0.50	0.68	0.28	0.81
T-10°C Vnom	0.57	0.98	0.31	0.73
T-20°C Vnom	0.74	0.48	0.66	1.18
T-30°C Vnom	0.33	-0.06	0.70	0.59
T-40°C Vnom	-0.11	0.37	-0.09	-0.10
Vnom [Vdc]: 3.3		Vmax [Vdc]: 3.795		Vmin [Vdc]: 2.805
Tnom [°C]: 20		Tmax [°C]: 85		Tmin [°C]: -40

Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	5.53	5.74	6.26	5.78
T20°CVmin	3.91	3.93	4.34	4.50
T85°CVnom	4.41	5.22	4.38	4.17
T80°CVnom	2.85	3.23	3.01	2.62
T70°CVnom	2.61	2.69	2.17	2.39
T60°CVnom	2.94	3.22	2.91	2.67
T50°CVnom	2.77	2.72	3.13	2.37
T40°CVnom	2.82	2.69	3.11	2.92
T30°CVnom	2.07	2.60	2.55	1.76
T20°CVnom	1.05	1.13	0.85	0.95
T10°CVnom	0.90	0.89	0.69	0.62
T0°CVnom	0.67	0.68	0.77	1.35
T-10°CVnom	5.82	6.10	6.04	5.98
T-20°CVnom	4.22	4.78	4.76	4.20
T-30°CVnom	4.62	4.45	4.97	4.57
T-40°CVnom	3.16	3.23	3.19	3.46
Vnom [Vdc]: 3.3	Vmax [Vdc]: 3.795			Vmin [Vdc]: 2.805
Tnom [°C]: 20	Tmax [°C]: 85			Tmin [°C]: -40

## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

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St., Kwei Shan District, Tao Yuan  
City 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information.

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Email: ICC\_Service@icertifi.com.tw

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