AS/NZS Test Report

Equipment	:	**802.11ax Wi-Fi 6 + BT5.4 Module**
Model No.	:	**Veda IF912**
Brand Name	:	**Ezurio**
Applicant	:	**Ezurio LLC**
Address	:	**W66N220 Commerce Court, Cedarburg, WI 53012 United States Of America**
Standard	:	**AS/NZS 4268:2017+Amd 1:2021**
Received Date	:	**Jan. 12, 2026**
Tested Date	:	**Feb. 17 ~ Mar. 26, 2026**

We, International Certification Corporation, 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 shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by: **Approved by:**

Alex Huang

Alex Huang / Supervisor **Gary Chang / Manager**

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Frequency band 5470 ~ 5725 MHz

Appendix A. Emission Bandwidth

Appendix B. Conducted Output Power (EIRP)

Appendix C. Power Spectral Density

Appendix D. Unwanted Emissions

Appendix E. Frequency Stability

Appendix F. AC Power Line Conducted Emissions

Frequency band 5725 ~5850 MHz

Appendix G. Emission Bandwidth & Operating Frequencies

Appendix H. EIRP

Appendix I. Power Spectral Density

Appendix J. Transmitter Spurious Emissions

Appendix K. Receiver Spurious Emissions

Release Record

Report No.	Version	Description	Issued Date
AR611203AI	Rev. 01	Initial issue	Aug. 06, 2026

Summary of Test Results

Frequency band 5470 ~ 5725 MHz				
Ref. Std. Clause (ACMA 4268)	**FCC Rules**	**Test Items**	**Measured**	**Result**
-	15.207	AC Power Line Conducted Emissions	[dBuV]: 0.436MHz 39.05 (Margin -8.09dB) - AV	Pass
6.4	15.407(b) 15.209	Unwanted Emissions	[dBm]: 3.81356GHz -41.20 (Margin -10.56dB) - AV	Pass
6.5	15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
-	15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
6.3	15.407(a)	Output Power (EIRP)	Max Power [dBm]: 23.49	Pass
-	15.407(a)	Power Spectral Density	Meet the requirement of limit	Pass
-	15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
-	15.203	Antenna Requirement	Meet the requirement of limit	Pass

Frequency band 5725 ~5850 MHz			
Ref. Std. Clause	**Test Items**	**Measured**	**Result**
6.3	Maximum EIRP	EIRP (dBm): 28.87	Pass
6.5	Emission Bandwidth	Meet the requirement of limit.	Pass
6.6	Operating Frequencies	Meet the requirement of limit.	Pass
6.4	Transmitter Spurious Emissions	Meet the requirement of limit.	Pass
7.2	Receiver Spurious Emissions	Meet the requirement of limit.	Pass
Row 60 Note2	Peak Power Spectral Density	Meet the requirement of limit.	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Product Details

Model Name	Part No.	Product Name	Description
Veda IF912	453-00396	802.11ax Wi-Fi 6 + BT5.4 Module	Module, Veda IF912, SIP, Tri Band, No Embedded Memory, RF Trace Pin
	453-00397		Module, Veda IF912, SIP, Tri Band, Embedded Ext. Memory, 8M PSRAM, 8M Flash, RF Trace Pin

1.1.2 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_{TX})**	**Data Rate / MCS**
5470-5725	a n (HT20) ac (VHT20) ax (HE20)	5720	144 [1]	2	6-54 Mbps MCS 0-15 MCS 0-9 MCS 0-11
5725-5850	a n (HT20) ac (VHT20) ax (HE20)	5745-5825	149-165 [5]	2	6-54 Mbps MCS 0-15 MCS 0-9 MCS 0-11
Note 1: 802.11a/n/ac/ax uses a combination of BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation.					

1.1.3 Antenna Details

Integrated Antenna

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
Yageo / Chip Antenna	ANT1608LL 14R2460A	Chip	NA	2.3	0.1	0.1	1.8	2.5

External Antenna

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
Ezurio / FlexMIMO 6E	EFD2471A3 S-10MH4L	PIFA	MHF4L	2.2	3.8	3.8	3.8	3.8
Ezurio / FlexPIFA 6E	EFB2471A3 S-10MH4L	PIFA	MHF4L	2.2	3.9	3.9	3.9	3.9
Ezurio / Mini NanoBlade Flex 6GHz	EMF2471A3 S-10MH4L	PCB Dipole	MHF4L	2.4	4.4	4.4	4.4	4.4
Joymax Electronics / Dipole 6E	TWX-100BR S3B	Dipole	RP-SMA	2	4	4	4	4
Ezurio / FlexPIFA Dual Band	001-0021	PIFA	IPEX MHF4L	2.5	3	3	3	3
Ezurio / FlexPIFA Dual Band	EFB2455A3 S-15MH4L	PIFA	MHF1	2.5	3	3	3	3

1.1.4 EUT Operational Condition

Power Supply Type	3.3Vdc from host		
SW Version	IFX_Ezurio-H1CP-04022026-2		
Operational Climatic	☒ Tnom (20°C)	☒ Tmax (85°C)	☒ Tmin (-40°C)
Beamforming	☐ Support	☒ Not support	
RU Configuration	☒ Full RU	☒ Partial RU	
Channel Puncturing	☐ Support	☒ Not support	

1.1.5 Accessories

N/A

1.1.6 Channel List

Frequency band (MHz)	5470 ~ 5725 / 5725 ~ 5850
802.11a / n HT20 / ac VHT20 / ax HE20	
Channel	**Frequency(MHz)**
144	5720
149	5745
153	5765
157	5785
161	5805
165	5825

1.1.7 Test Tool and Duty Cycle

full RU configuration

Test Tool	Command , Version: 28.10.400.1	
Modulation Mode	**Duty Cycle Of Test Signal (%)**	**Duty Factor (dB)**
11a	99.38%	0.03
ax HE20-OFDMA	86.31%	0.64

partial RU configuration

Test Tool	Command , Version: 28.10.400.1	
Modulation Mode	**Duty Cycle Of Test Signal (%)**	**Duty Factor (dB)**
ax HE20_OFDMA_RU26	99.40%	0.026
ax HE20_OFDMA_RU52	99.41%	0.026
ax HE20_OFDMA_RU106	99.41%	0.026

1.1.8 Power Index of Test Tool

full RU configuration

Modulation Mode	Test Frequency (MHz)	Power Index
11a	5720	82
11a	5745	83
11a	5785	83
11a	5825	83
ax HE20-OFDMA	5720	80
ax HE20-OFDMA	5745	88
ax HE20-OFDMA	5785	88
ax HE20-OFDMA	5825	88

partial RU configuration

Modulation Mode	Test Frequency (MHz)	Power Index
ax HE20_OFDMA_RU26	5720	58
ax HE20_OFDMA_RU26	5745	88
ax HE20_OFDMA_RU26	5785	88
ax HE20_OFDMA_RU26	5825	88
ax HE20_OFDMA_RU52	5720	68
ax HE20_OFDMA_RU52	5745	88
ax HE20_OFDMA_RU52	5785	88
ax HE20_OFDMA_RU52	5825	88
ax HE20_OFDMA_RU106	5720	80
ax HE20_OFDMA_RU106	5745	88
ax HE20_OFDMA_RU106	5785	88
ax HE20_OFDMA_RU106	5825	88

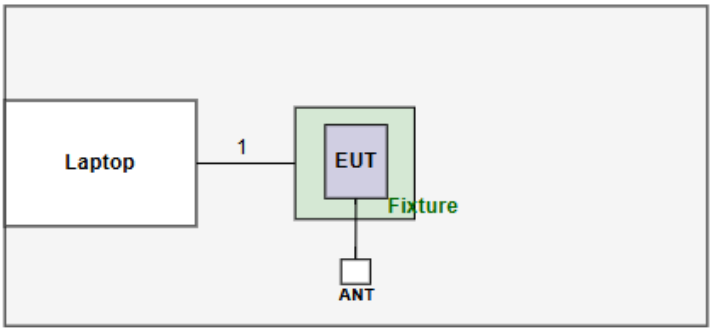
Frequency band 5470 ~ 5725 MHz

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Laptop	Lenovo	ThinkPad X230	DoC	---
2	Fixture	---	---	---	Provided by applicant.
3	50 ohm load	woken	WTER-18S2	---	---

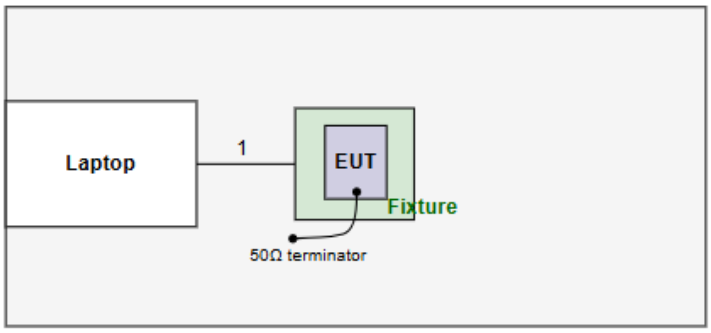
1.3 Test Setup Chart

Test Setup Diagram (Conducted Emission)



No.	Signal cable / Length (m)
1	USB, 1m shielded.

Test Setup Diagram (Radiated Emission)



No.	Signal cable / Length (m)
1	USB, 1m shielded.

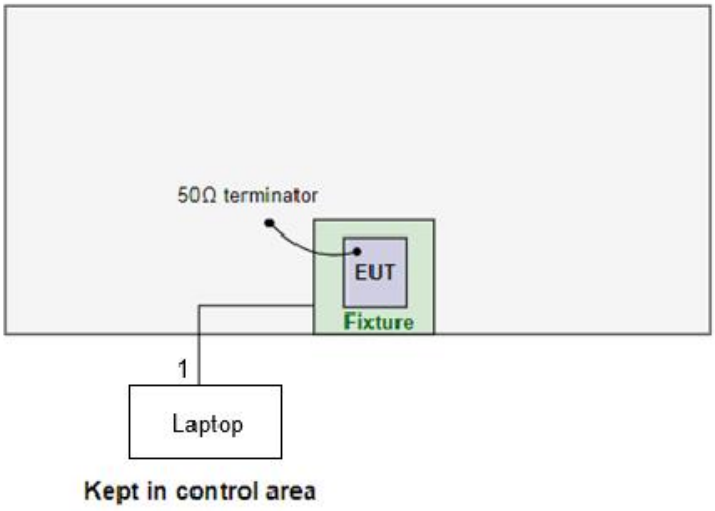
Frequency band 5725 ~5850 MHz

1.4 Local Support Equipment List

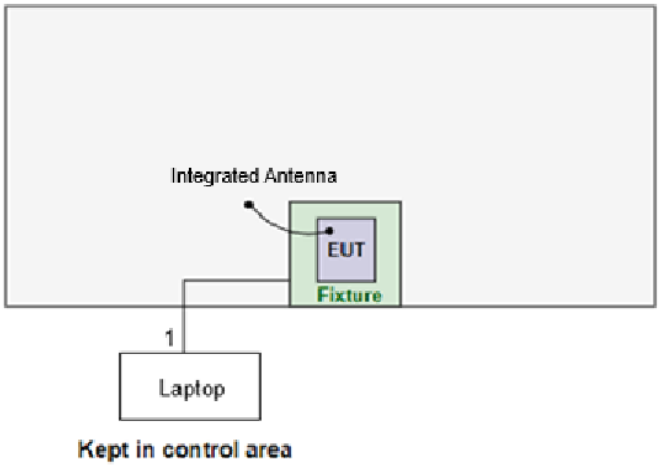
Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**S/N**	**Remarks**
1	Laptop	Lenovo	TP00003B	R9-L1LRK	Provided by applicant.
2	Fixture	---	---	---	Provided by applicant.
3	50Ω terminator	---	---	---	---

1.5 Test Setup Chart

Test Setup Diagram (Radiated Test)



Test Setup Diagram (Conducted Test)



No.	Signal cable / Length (m)
1	Type-C USB, 1.3m shielded.

1.6 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Mar. 05 ~ Mar. 13, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 26, 2026	Feb. 25, 2027
Spectrum Analyzer	R&S	FSV40	101499	Mar. 27, 2025	Mar. 26, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2025	Nov. 16, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 04, 2025	Jul. 03, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Jan. 23, 2026	Jan. 22, 2027
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 28, 2025	Nov. 27, 2026
Preamplifier	EMC	EMC02325	980187	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	EMC	EMC118A45SE	980897	Aug. 08, 2025	Aug. 07, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 01, 2025	Sep. 30, 2026
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Sep. 19, 2025	Sep. 18, 2026
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Sep. 19, 2025	Sep. 18, 2026
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Sep. 19, 2025	Sep. 18, 2026
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 19, 2025	Sep. 18, 2026
RF cable-8M	EMC	EMC104-SM-SM-8000	181107	Sep. 19, 2025	Sep. 18, 2026
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Sep. 19, 2025	Sep. 18, 2026
Attenuator	Pasternack	PE7005-10	10-3	Sep. 19, 2025	Sep. 18, 2026
HIGHPASS FILTER	K&L	11SH10-7000/T18000-O/OP	21	Sep. 19, 2025	Sep. 18, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Mar. 02 ~ Mar. 20, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 09, 2025	Jun. 08, 2026
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2025	Nov. 20, 2026
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2025	Nov. 20, 2026
Attenuator	Pasternack	PE7005-10	10-2	Oct. 03, 2025	Oct. 02, 2026
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 26, 2025	Jun. 25, 2026
DC POWER SOURCE	GW INSTEK	GPE-6030	GEZ824073	Oct. 27, 2025	Oct. 26, 2026
Measurement Software	Sporton	SENSE-15407_NII	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Mar. 26, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101659	Apr. 17, 2025	Apr. 16, 2026
LISN	R&S	ENV216	101579	May 07, 2025	May 06, 2026
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Jan. 13, 2026	Jan. 12, 2027
RF Cable-CON	EMC	EMCCFD300-BM-BM-6000	50821	Oct. 07, 2025	Oct. 06, 2026
50 ohm terminal	NA	50	01	Jun. 17, 2025	Jun. 16, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emissions				
Test Site	(10CH02-HY)				
Test Date	Mar. 12, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
10m Semi Anechoic Chamber	TDK	SAC-10M	10CH02-HY	Aug. 29, 2025	Aug. 28, 2026
Receiver	R&S	ESU26	100422	Nov. 14, 2025	Nov. 13, 2026
Loop Antenna	TESEQ	HLA 6120	31244	Mar. 20, 2025	Mar. 19, 2026
Turn Table	EM Electronics	EM 1000	60546	--	---
RF Cable-R10m	HUBER+SUHNER	RG223/U + RG8/U	CB026-B30M	Aug. 22, 2025	Aug. 21, 2026
Software	Audix	E3	6.12 160809	--	---
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emissions				
Test Site	Fully –anechoic chamber 1 / (05CH01-WS)				
Test Date	Feb. 17 ~ Mar. 02, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	Agilent	N9010A	MY54200247	Nov. 25, 2025	Nov. 24, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-524	Jan. 15, 2026	Jan. 14, 2027
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1094	Nov. 28, 2025	Nov. 27, 2026
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170508	Jan. 23, 2026	Jan. 22, 2027
Preamplifier	Agilent	83017A	MY39501308	Nov. 24, 2025	Nov. 23, 2026
Preamplifier	EMC	EMC02325	980146	Oct. 23, 2025	Oct. 22, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
RF Cable-1M	EMC	EMC104-35M-35M-1000	S/N:210904	Oct. 07, 2025	Oct. 06, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16609/4	Oct. 07, 2025	Oct. 06, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY15686/4	Oct. 07, 2025	Oct. 06, 2026
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-005	Oct. 07, 2025	Oct. 06, 2026
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-006	Oct. 07, 2025	Oct. 06, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Test Date	Feb. 17 ~ Mar. 12, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2025	Apr. 17, 2026
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 26, 2025	Jun. 25, 2026
Power Sensor	Agilent	U2021XA	MY54070003	Mar. 19, 2025	Mar. 18, 2026
RF Cable-1M	EMC	EMC104-35M-35M-1000	S/N:210928	Oct. 11, 2025	Oct. 10, 2026
Measurement Software	Sporton	SENSE-301893_NII	5.11.8.0	NA	NA
Measurement Software	Agilent	EN RF test	1.1501125	NA	NA
Measurement Software	Sporton	SENSE-300328_DTS	5.11.6.0	NA	NA
Measurement Software	Sporton	SENSE-300328_FS	5.11.6.0	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.7 Test Standards

AS/NZS 4268:2017+Amd 1:2021
47 CFR FCC Part 15.407
ANSI C63.10-2020

1.8 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

1.9 Deviation from Test Standard and Measurement Procedure

None

1.10 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Unwanted Emission ≤ 1GHz	±3.96 dB
Unwanted Emission > 1GHz	±4.51 dB
Time	±0.1%
Temperature	±0.4 ºC

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, TH01-WS, 05CH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)
Test Site	03CH03-WS
Address of Test Site	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- ISED#: 10807C
- CAB identifier: TW2732

Test Laboratory	Sporton International Inc. Hsinhua Laboratory
Test Site	10CH02-HY
Address of Test Site	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.) Tel: 886-3-327-3456, Fax: 886-3-327-0973

Note: * ICC lab subcontracts this test item to Sporton Hsinhua Lab (TAF: 3785).
Sporton Hsinhua Lab is a TAF accreditation test firm and also is an approved provider of ICC lab.

2.2 The Worst Test Modes and Channel Details

Full RU configuration						
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test method**	**Mode**	**Note**
AC Power Line Conducted Emissions	11a	5720	6Mbps	Conducted	TX	---
Unwanted Emissions	11a ax HE20-OFDMA	5720	6 Mbps MCS 0	Radiated	TX	Note 2
Unwanted Emissions	11a ax HE20-OFDMA	5720	6 Mbps MCS 0	Conducted	TX	---
Conducted Output Power	11a	5720	6 Mbps	Conducted	TX	---
	ax HE20-OFDMA	5720	MCS 0			
Emission Bandwidth Power Spectral Density	11a ax HE20-OFDMA	5720	6 Mbps MCS 0	Conducted	TX	---
Frequency Stability	Un-modulation	5785	---	Conducted	TX	---

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** result was found as the worst case and was shown in this report.
2. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement.
3. Two skus had been covered during the pretest and found that **Part No. 453-00397** was the worst case and was selected for the final test. (sku 1: Part No. 453-00396, sku 2: Part No. 453-00397)

Partial RU configuration						
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test method**	**Mode**	**Note**
AC Power Line Conducted Emissions	ax HE20-OFDMA RU106	5720	MCS 0	Conducted	TX	---
Unwanted Emissions	ax HE20-OFDMA RU26 RU52 RU106	5720	MCS 0	Radiated	TX	Note 2
Unwanted Emissions	ax HE20-OFDMA RU26 RU52 RU106	5720	MCS 0	Conducted	TX	---
Conducted Output Power	ax HE20-OFDMA RU26	5720	MCS 0	Conducted	TX	---
	ax HE20-OFDMA RU52	5720				
	ax HE20-OFDMA RU106	5720				
Emission Bandwidth Power Spectral Density	ax HE20-OFDMA RU26 RU52 RU106	5720	MCS 0	Conducted	TX	---

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** result was found as the worst case and was shown in this report.
2. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement.
3. Two skus had been covered during the pretest and found that **Part No. 453-00397** was the worst case and was selected for the final test. (sku 1: Part No. 453-00396, sku 2: Part No. 453-00397)

Full RU configuration							
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test method**	**Mode**	**Note**	**Test Configuration**
Power Spectral Density Conducted Output Power	11a ax HE20-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825	6Mbps MCS 0	Conducted	1TX	---	---
Transmitter Spurious Emissions ≤ 30 MHz	11a ax HE20-OFDMA	5720 / 5825 5720 / 5825	6Mbps MCS 0	Radiated	1TX	Note 3	1 ~ 7
Receiver Spurious Emissions ≤ 30 MHz					1RX		
Transmitter Spurious Emissions ≤ 1GHz	11a ax HE20-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825	6 Mbps MCS 0	Conducted	1TX	---	---
				Radiated		Note 2	---
Transmitter Spurious Emissions > 1GHz	11a ax HE20-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825	6Mbps MCS 0	Conducted	1TX	---	---
				Radiated		Note 2	---
Receiver Spurious Emissions	11a ax HE20-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825	6Mbps MCS 0	Conducted	1RX	---	---
				Radiated		Note 2	---

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** result was found as the worst case and was shown in this report.
2. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement.
3. Test configurations for Spurious Emission below 30MHz Test:
   Configuration 1 : EFD2471A3S-10MH4L Antenna
   Configuration 2 : EFB2471A3S-10MH4L Antenna
   Configuration 3 : EMF2471A3S-10MH4L Antenna
   Configuration 4 : TWX-100BRS3B Antenna
   Configuration 5 : 001-0021 Antenna
   Configuration 6 : EFB2455A3S-15MH4L Antenna
   Configuration 7 : ANT1608LL14R2460A Antenna
4. Two skus had been covered during the pretest and found that **Part No. 453-00397** was the worst case and was selected for the final test. (sku 1: Part No. 453-00396, sku 2: Part No. 453-00397)

Partial RU configuration							
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test method**	**Mode**	**Note**	**Test Configuration**
Emission Bandwidth Power Spectral Density Conducted Output Power	ax HE20-OFDMA RU26 RU52 RU106	5745 / 5785 / 5825 5745 / 5785 / 5825	6Mbps MCS 0	Conducted	1TX	---	---
Transmitter Spurious Emissions ≤ 30 MHz	ax HE20-OFDMA RU106	5720 / 5825	MCS 0	Radiated	1TX	Note 3	1 ~ 7
Receiver Spurious Emissions ≤ 30 MHz					1RX		
Transmitter Spurious Emissions ≤ 1GHz	ax HE20-OFDMA RU106	5745 / 5785 / 5825	MCS 0	Conducted	1TX	---	---
				Radiated		Note 2	---
Transmitter Spurious Emissions > 1GHz	ax HE20-OFDMA RU106	5745 / 5785 / 5825	MCS 0	Conducted	1TX	---	---
				Radiated		Note 2	---
Receiver Spurious Emissions	ax HE20-OFDMA RU106	5745 / 5785 / 5825	MCS 0	Conducted	1RX	---	---
				Radiated		Note 2	---

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** result was found as the worst case and was shown in this report.
2. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement.
3. Test configurations for Spurious Emission below 30MHz Test:
   Configuration 1 : EFD2471A3S-10MH4L Antenna
   Configuration 2 : EFB2471A3S-10MH4L Antenna
   Configuration 3 : EMF2471A3S-10MH4L Antenna
   Configuration 4 : TWX-100BRS3B Antenna
   Configuration 5 : 001-0021 Antenna
   Configuration 6 : EFB2455A3S-15MH4L Antenna
   Configuration 7 : ANT1608LL14R2460A Antenna
4. Two skus had been covered during the pretest and found that **Part No. 453-00397** was the worst case and was selected for the final test. (sku 1: Part No. 453-00396, sku 2: Part No. 453-00397)

3 Transmitter Test Results

Frequency band 5470 ~ 5725 MHz

3.1 Emission Bandwidth

3.1.1 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.

3.1.2 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.

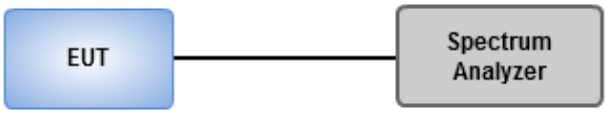
Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW.
2. Set VBW ≥ 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 RBW = 100kHz, VBW = 300kHz.
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.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	22-24°C / 62-65%	**Tested By**	Roger Lu

Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Frequency Band (MHz)		Limit
☒	5725 ~ 5850	Conducted Power: 1 W

3.2.2 Test Procedures

Method PM-G (Measurement using a gated RF average power meter)

Measurements 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.

3.2.3 Test Setup

3.2.4 Test Results

Ambient Condition	22-24°C / 62-65%	Tested By	Roger Lu

Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

Frequency Band (MHz)		Limit
☒	5725 ~ 5850	30 dBm /500 kHz

3.3.2 Test Procedures

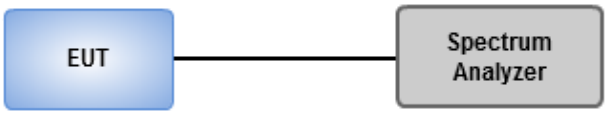
Duty cycle ≥ 98 %

1. Set RBW = 500 kHz, 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.

Duty cycle < 98 %

1. Set RBW = 500 kHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time ≥ 10 * (number of points in sweep) * (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.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	22-24°C / 62-65%	Tested By	Roger Lu

Refer to Appendix C.

3.4 Unwanted Emissions

3.4.1 Limit of Unwanted 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**
5.725 - 5.850 GHz	All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).

3.4.2 Test Procedures

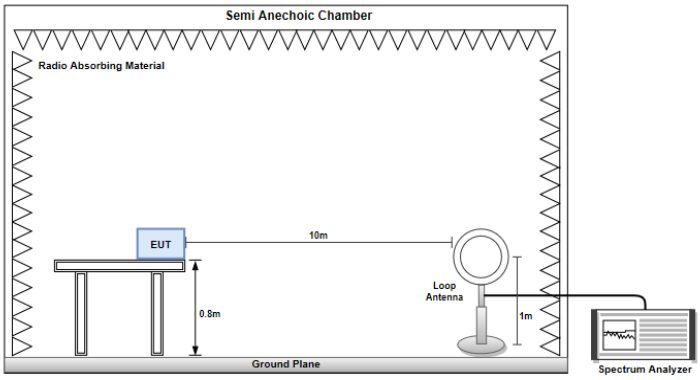
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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°, 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:

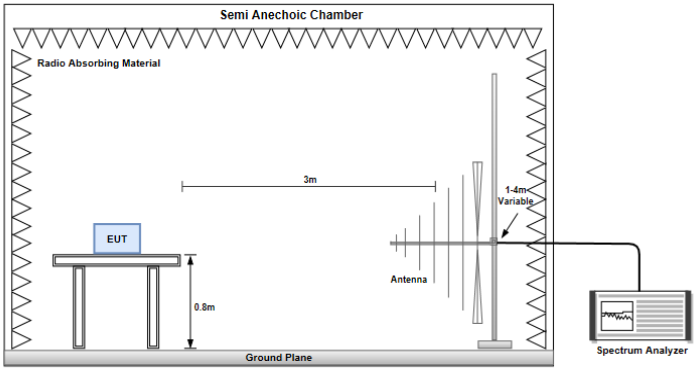
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

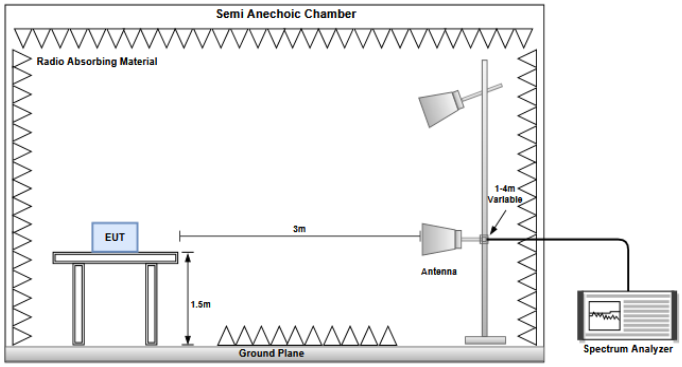
Unwanted Emissions Below 30MHz



Unwanted Emissions below 1 GHz



Unwanted Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Frequency Stability

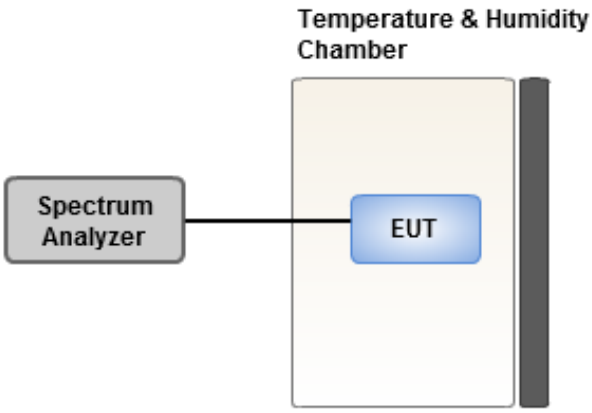
3.5.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.5.2 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 20 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 normal and extreme condition for temperature and voltage.

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	25°C / 65%	**Tested By**	Ryan Lee

Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

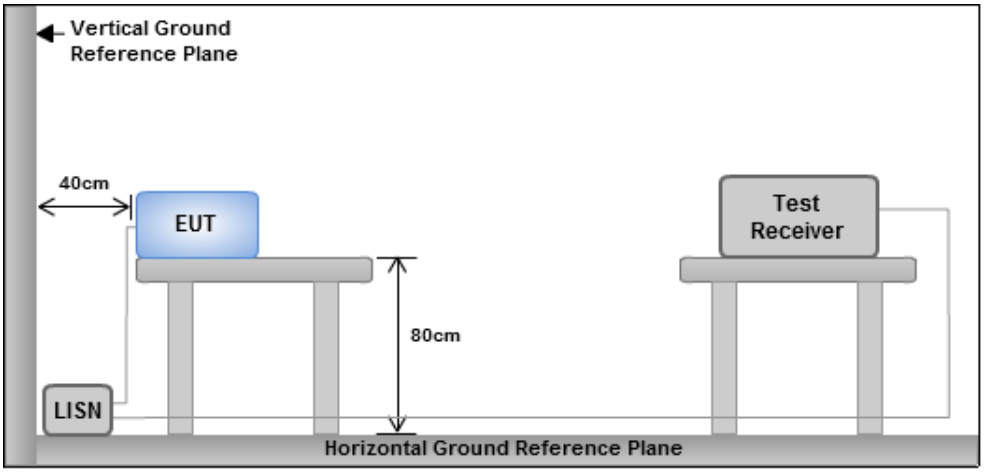
3.6.1 Limit of AC Power Line Conducted Emissions

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.		

3.6.2 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 Ω 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

3.6.3 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

3.6.4 Test Results

Refer to Appendix F.

4 Transmitter Test Results

Frequency band 5725 ~5850 MHz

4.1 Emission Bandwidth

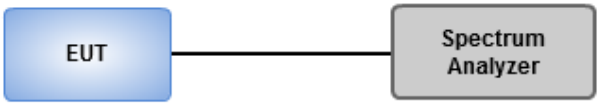
4.1.1 Limit of Emission Bandwidth

The upper and lower frequency limits of the transmitter 99% emission power bandwidth shall at all times remain within the operating frequency limits.

4.1.2 Test Procedures

Reference to clause 6.2.1 of AS/NZS 4268:2017+Amd 1:2021.

4.1.3 Test Setup



4.1.4 Test Results

Ambient Condition	25°C / 65%	**Tested By**	Ryan Lee

Refer to Appendix G.

4.2 Maximum EIRP

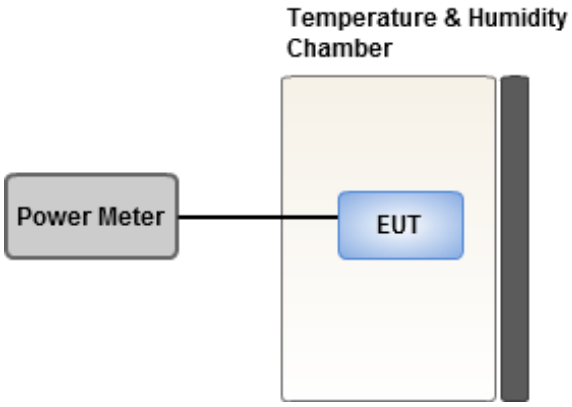
4.2.1 EIRP Limits

The equivalent isotropic radiated power (e.i.r.p.) shall be equal to or less than 4 W (36dBm).

4.2.2 Test Procedures

Reference to clause 6.2.1 of AS/NZS 4268:2017+Amd 1:2021.

4.2.3 Test Setup



4.2.4 Test Results

Ambient Condition	25°C / 65%	**Tested By**	Ryan Lee

Refer to Appendix H.

4.3 Power Spectral Density

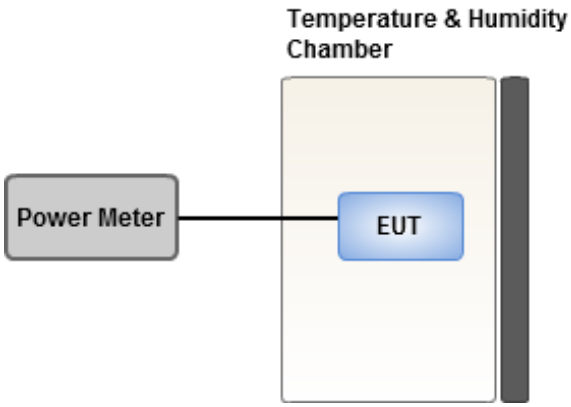
4.3.1 Power Spectral Density Limits

The raidated peak power spectral density in any 3 kHz is limited to 25 mW (14dBm) per 3 kHz.

4.3.2 Test Procedures

Reference to clause 6.2.1 of AS/NZS 4268:2017+Amd 1:2021.

4.3.3 Test Setup



4.3.4 Test Results

Ambient Condition	25°C / 65%	**Tested By**	Ryan Lee

Refer to Appendix I.

4.4 Transmitter Spurious Emissions

4.4.1 Limit of Transmitter Spurious Emissions

Spurious Emissions Limit (Peak Power)	Frequency Range	Measurement Bandwidth
-56 dBW (2.5μW) e.i.r.p (59 dBμV/m at 10 metres)	< 150 kHz	1 kHz
	150 kHz – 30 MHz	10 kHz

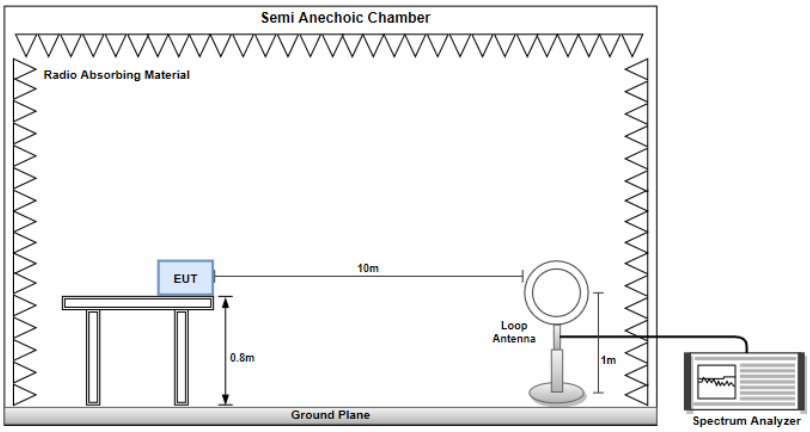
Frequency Range (MHz)	Maximum power (dBm)	Bandwidth (kHz)
30 to 47	-36	100
47 to 74	-54	100
74 to 87,5	-36	100
87,5 to 118	-54	100
118 to 174	-36	100
174 to 230	-54	100
230 to 470	-36	100
470 to 862	-54	100
862 to 1000	-36	100
1000 to 12750	-30	1000

4.4.2 Test Procedures

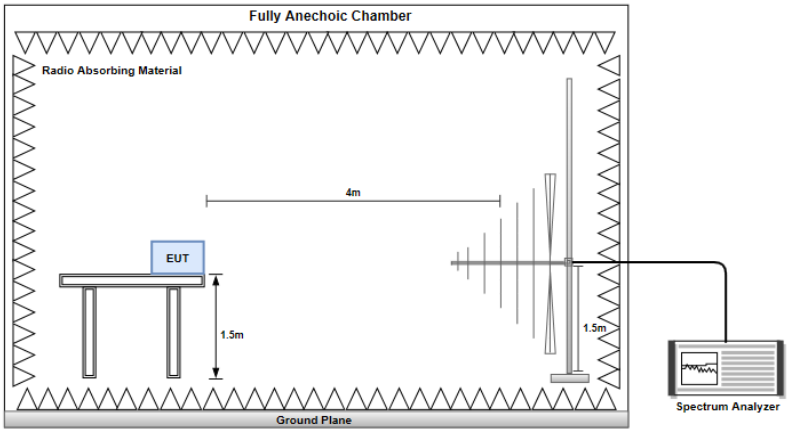
Reference to clause 6.2.1 of AS/NZS 4268:2017+Amd 1:2021.

4.4.3 Test Setup

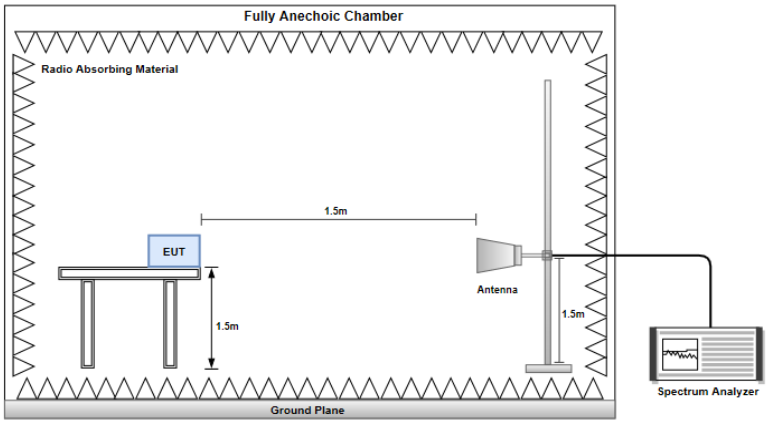
Below 30MHz



Below 1GHz



Above 1 GHz



4.4.4 Test Results

Refer to Appendix J.

5 Receiver Test Results

Frequency band 5725 ~5850 MHz

5.1 Receiver Spurious Emissions

5.1.1 Limit of Receiver Spurious Emissions

Spurious Emissions Limit (Peak Power)	Frequency Range	Measurement Bandwidth
-56 dBW (2.5μW) e.i.r.p (59 dBμV/m at 10 metres)	< 150 kHz	1 kHz
	150 kHz – 30 MHz	10 kHz

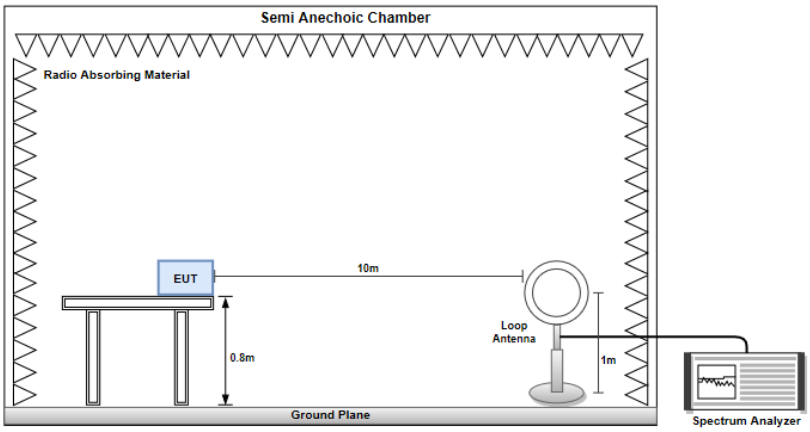
Frequency Range	Maximum power (dBm)	Measurement bandwidth (kHz)
30 MHz to 1 GHz	-57	100
Above 1 GHz to 12.75 GHz	-47	1000

5.1.2 Test Procedures

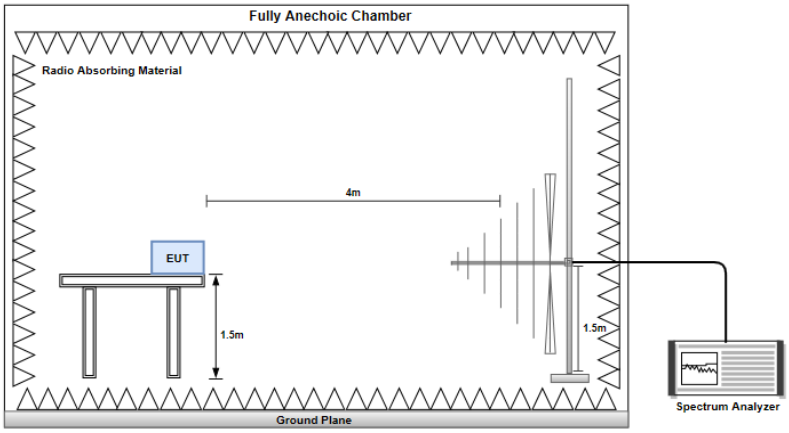
Reference to clause 7.2.1 of AS/NZS 4268:2017+Amd 1:2021.

5.1.3 Test Setup

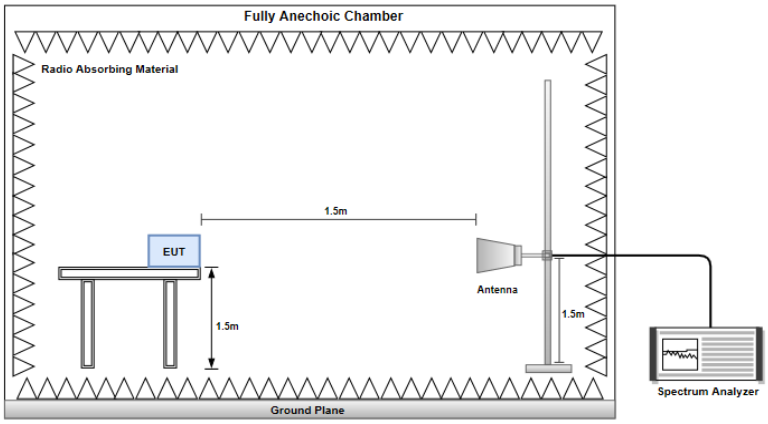
Below 30MHz



Below 1GHz



Above 1 GHz



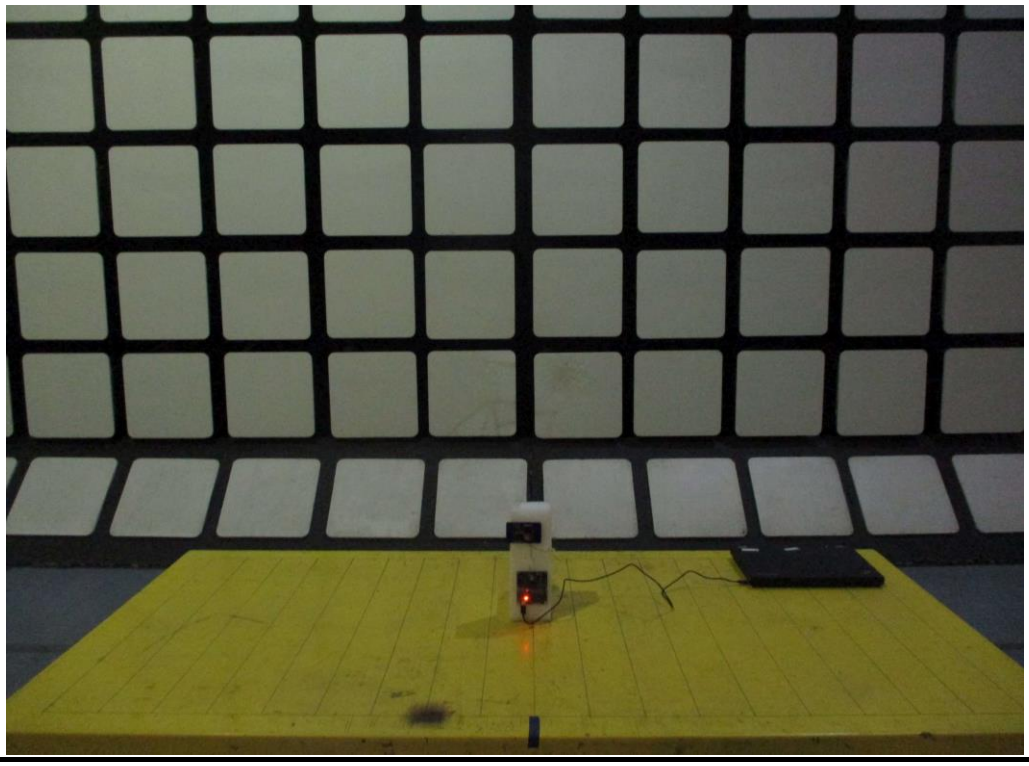
5.1.4 Test Results

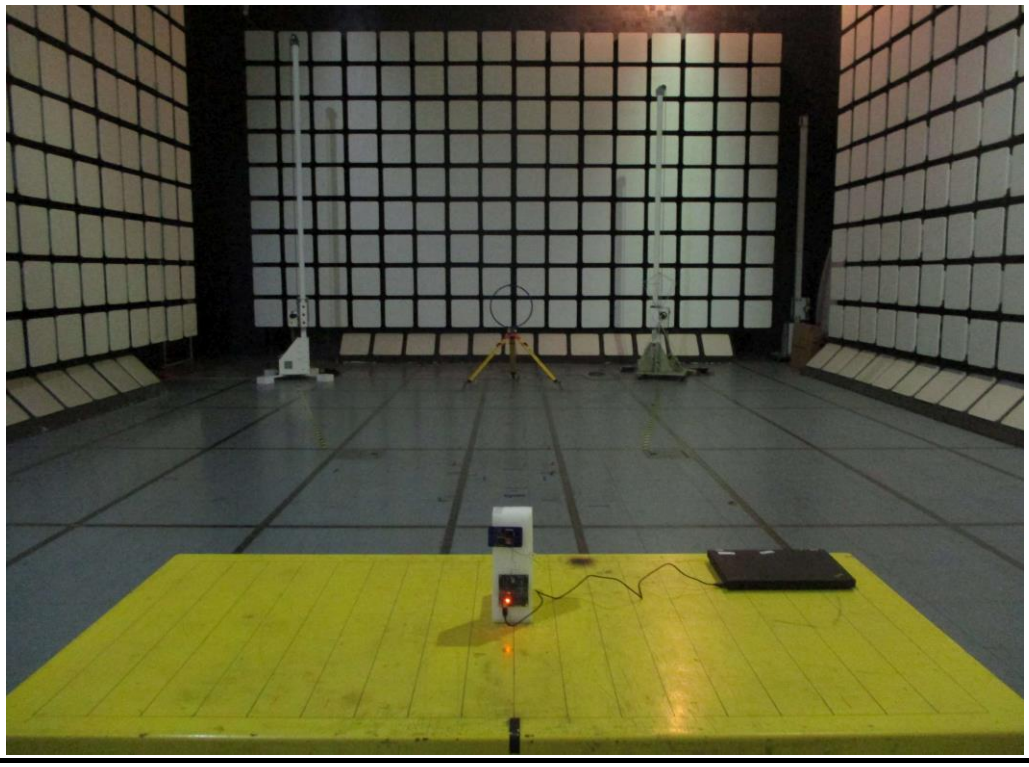
Refer to Appendix K.

6 Photographs of the Test Configuration

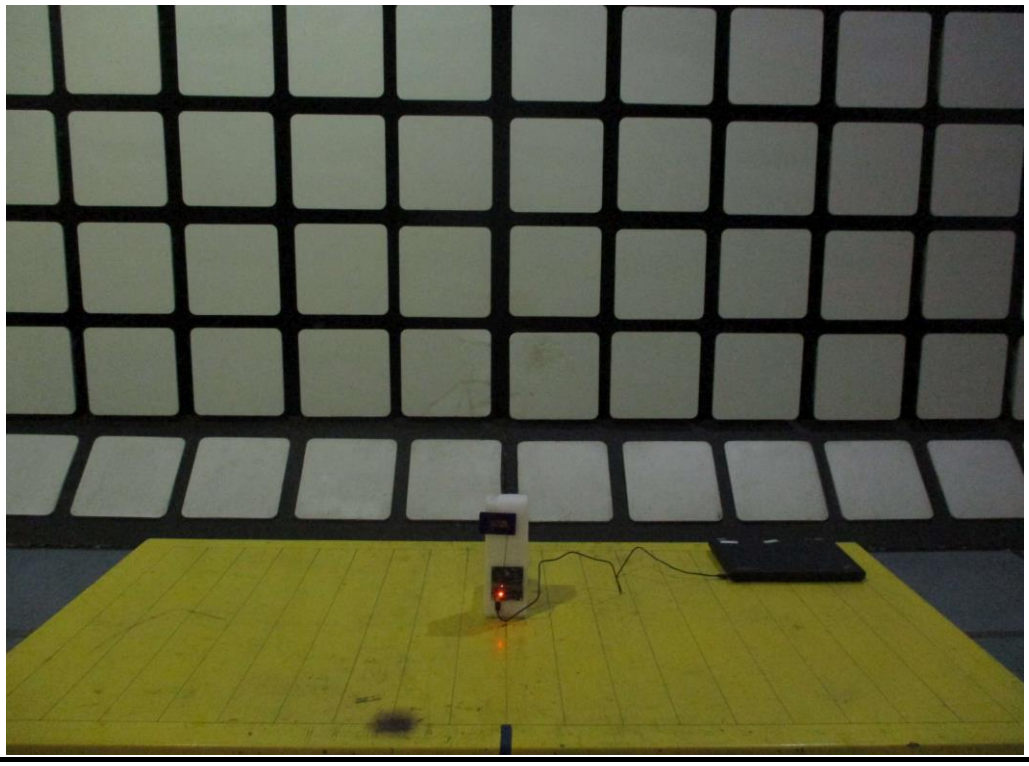
Frequency band 5725 ~5850 MHz

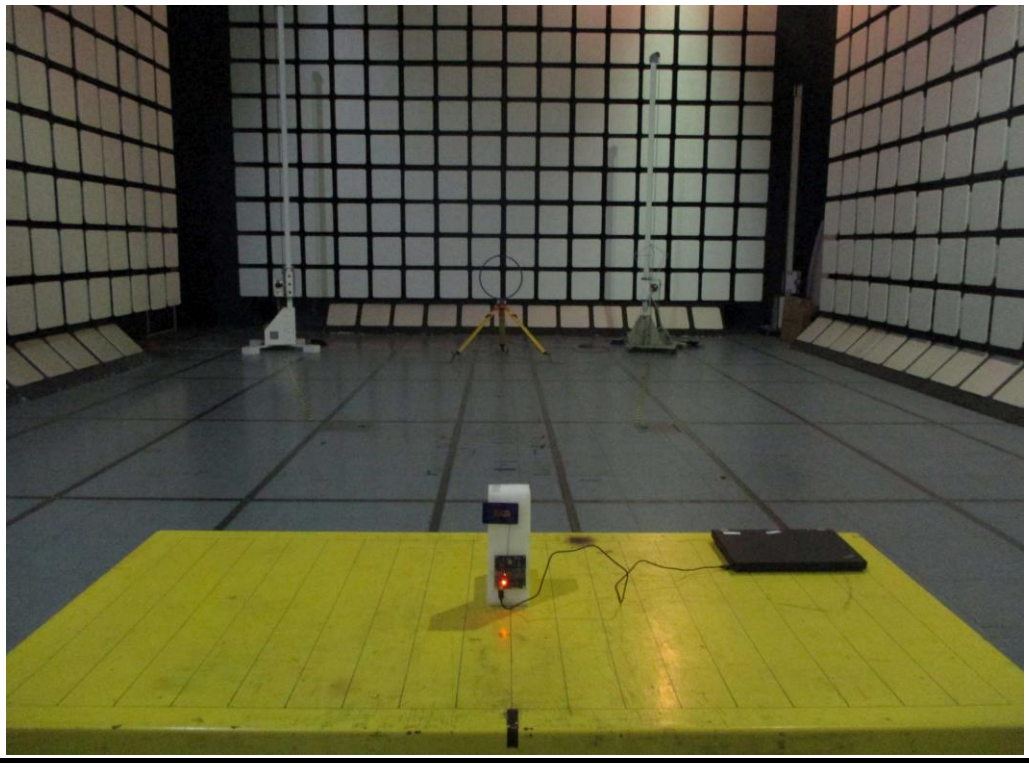
Spurious Emission below 30MHz Test (EFD2471A3S-10MH4L Antenna)



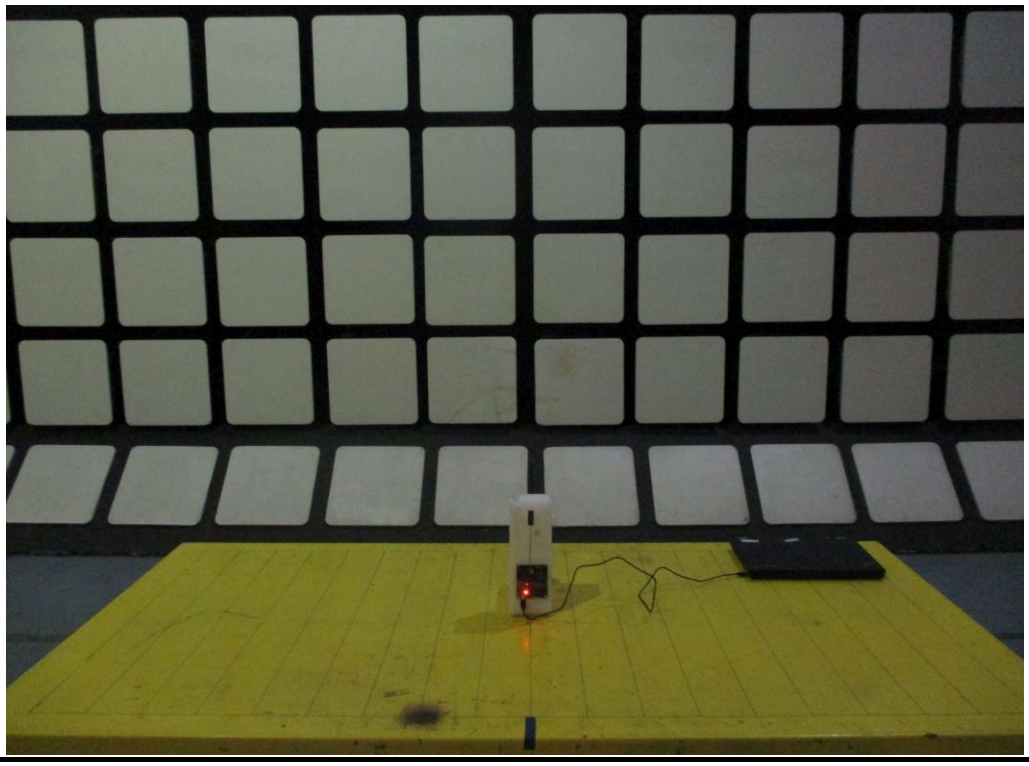


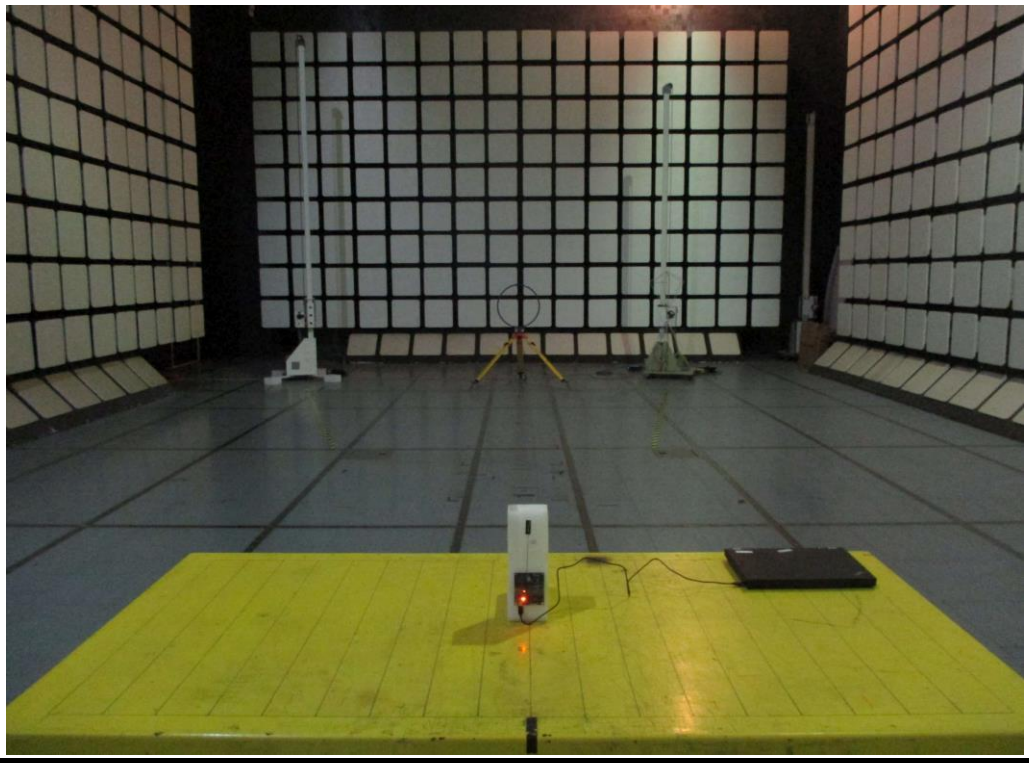
Spurious Emission below 30MHz Test (EFB2471A3S-10MH4L Antenna)



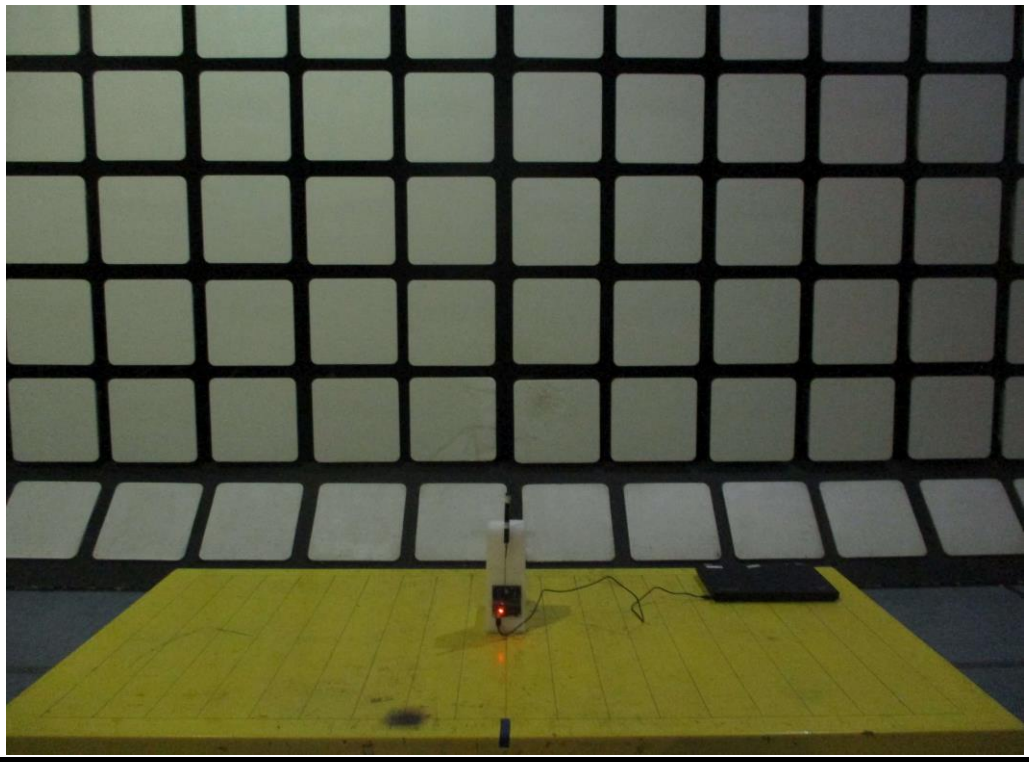


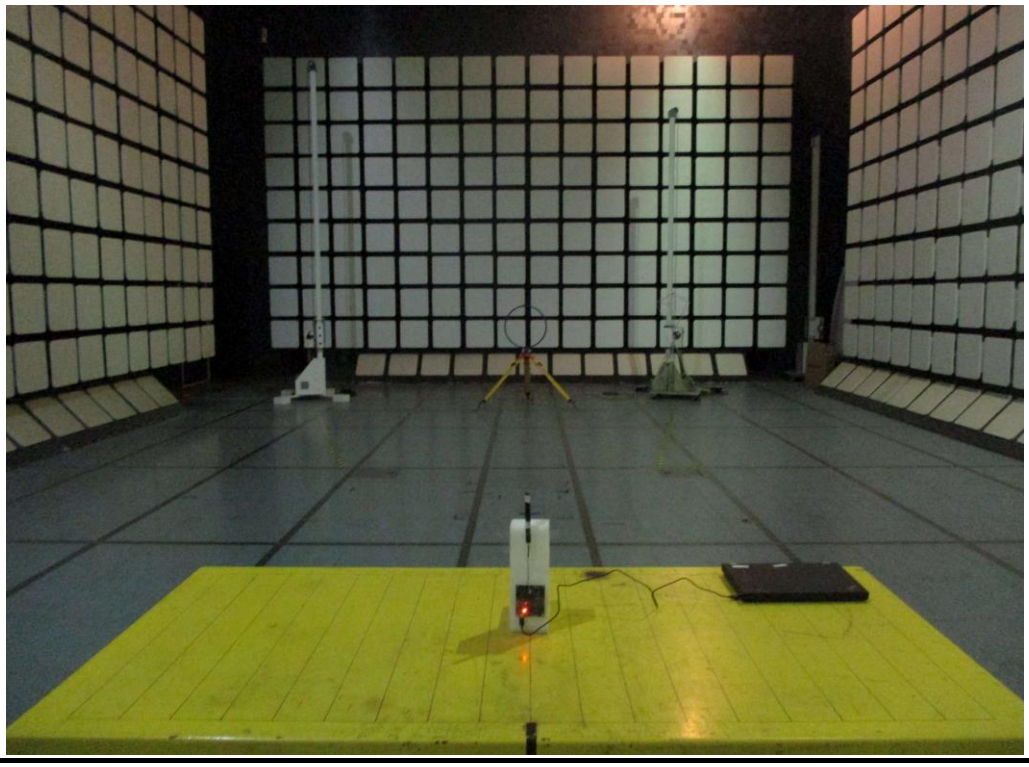
Spurious Emission below 30MHz Test (EMF2471A3S-10MH4L Antenna)



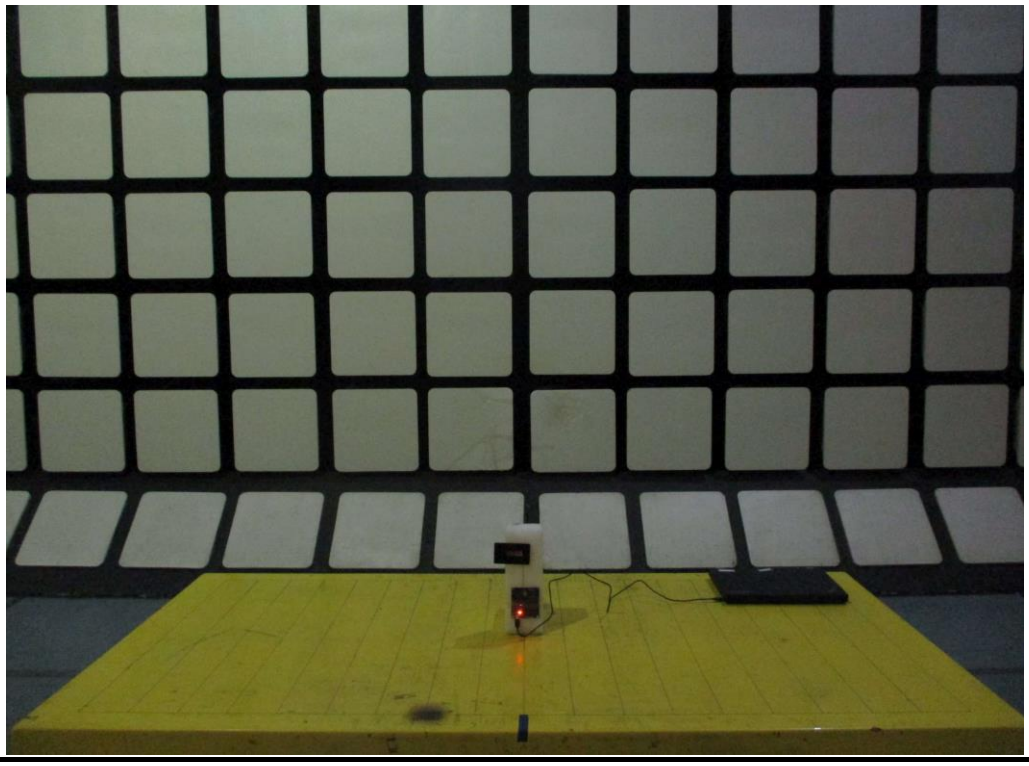


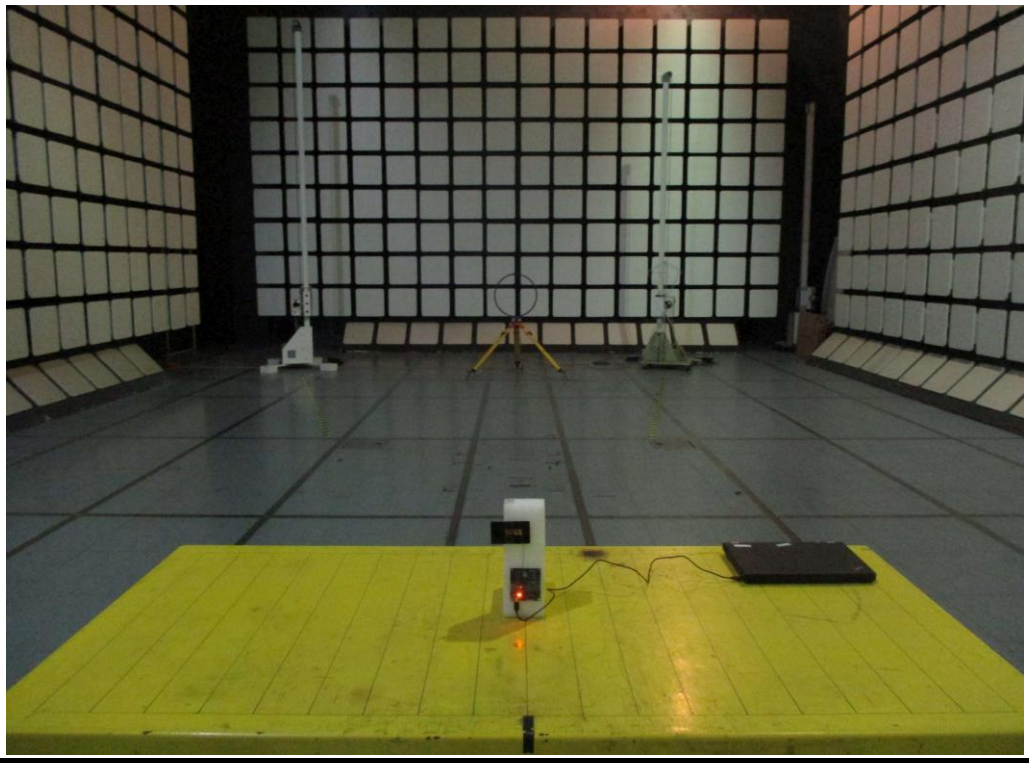
Spurious Emission below 30MHz Test (TWX-100BRS3B Antenna)



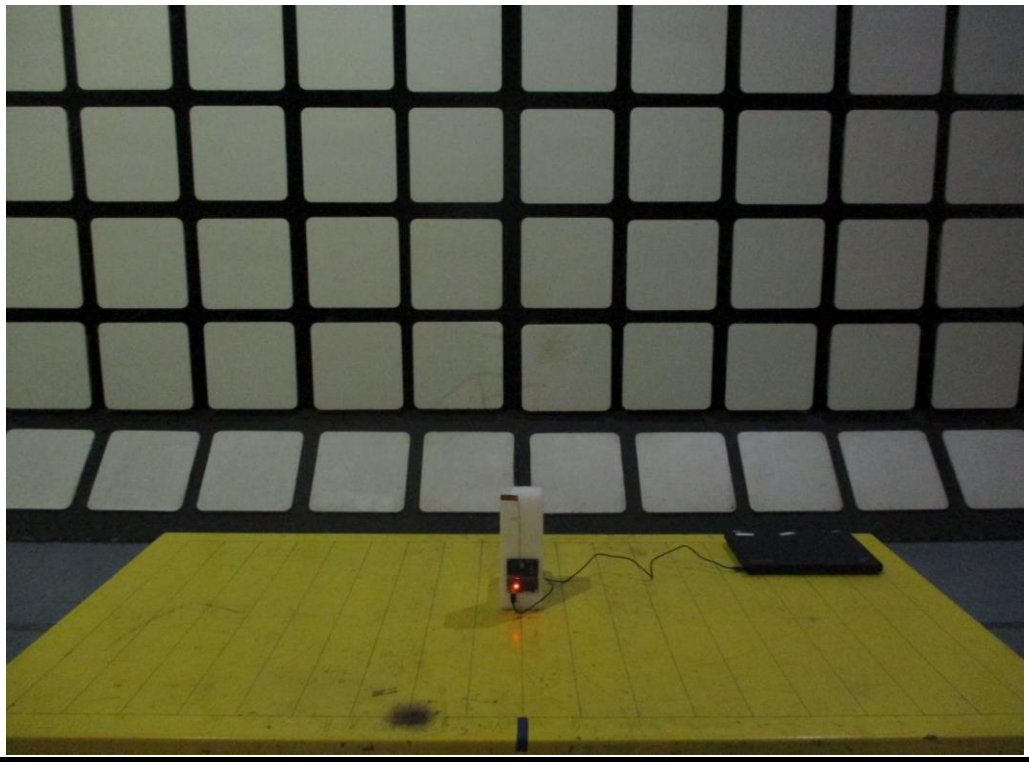


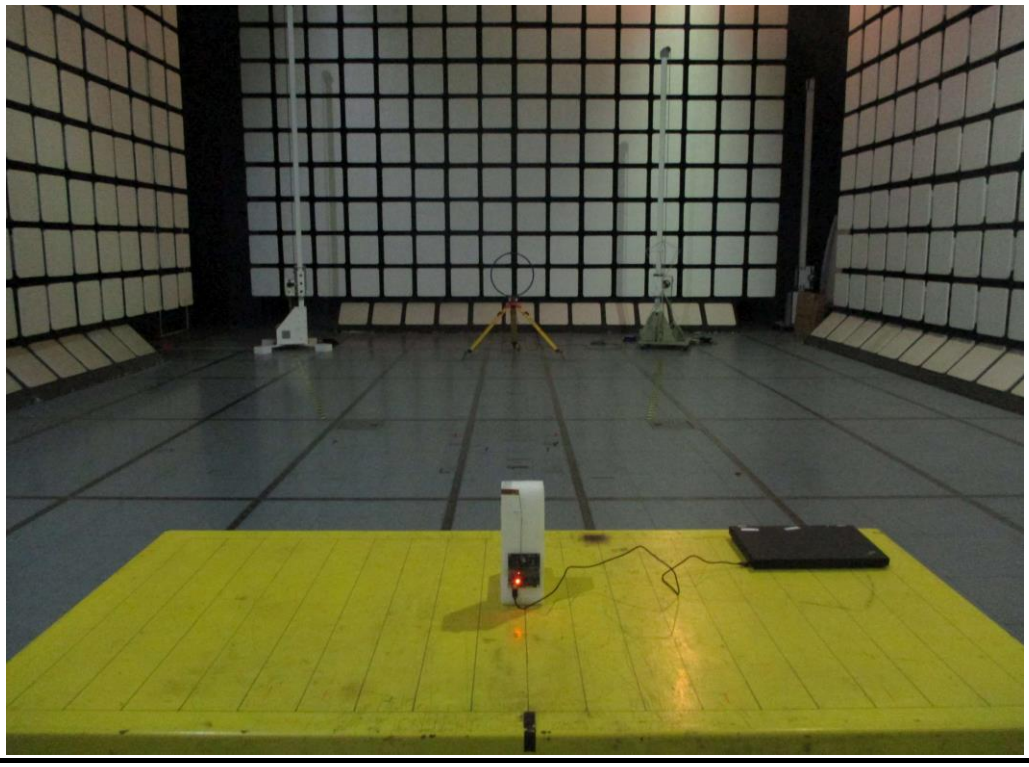
Spurious Emission below 30MHz Test (001-0021 Antenna)



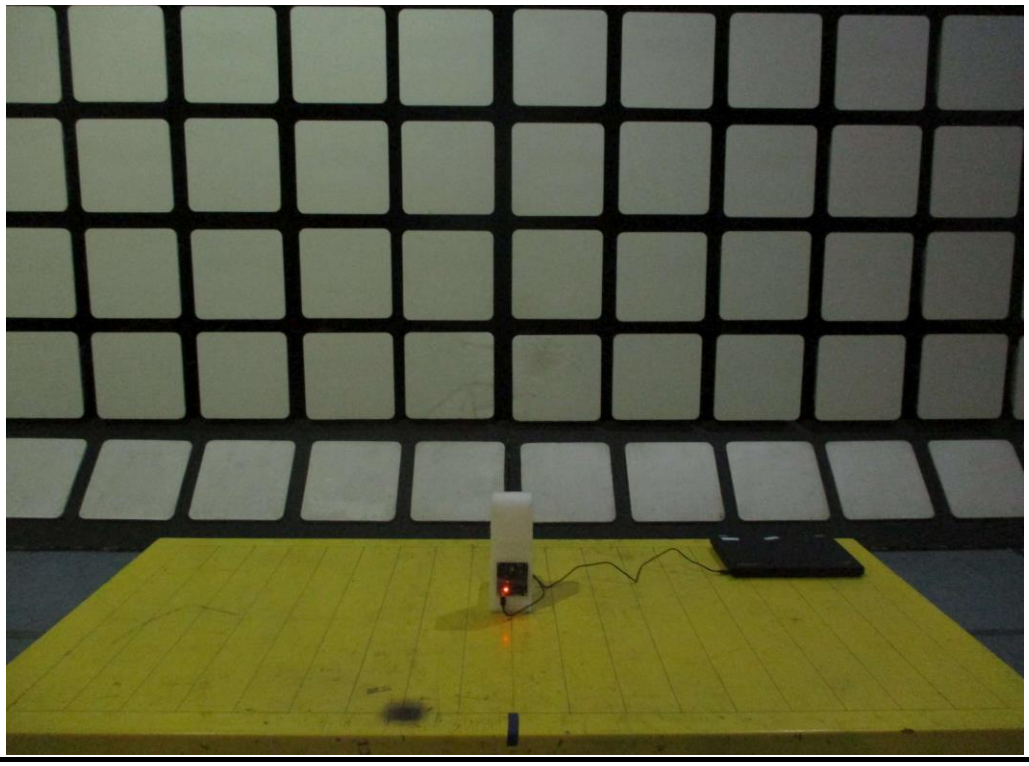


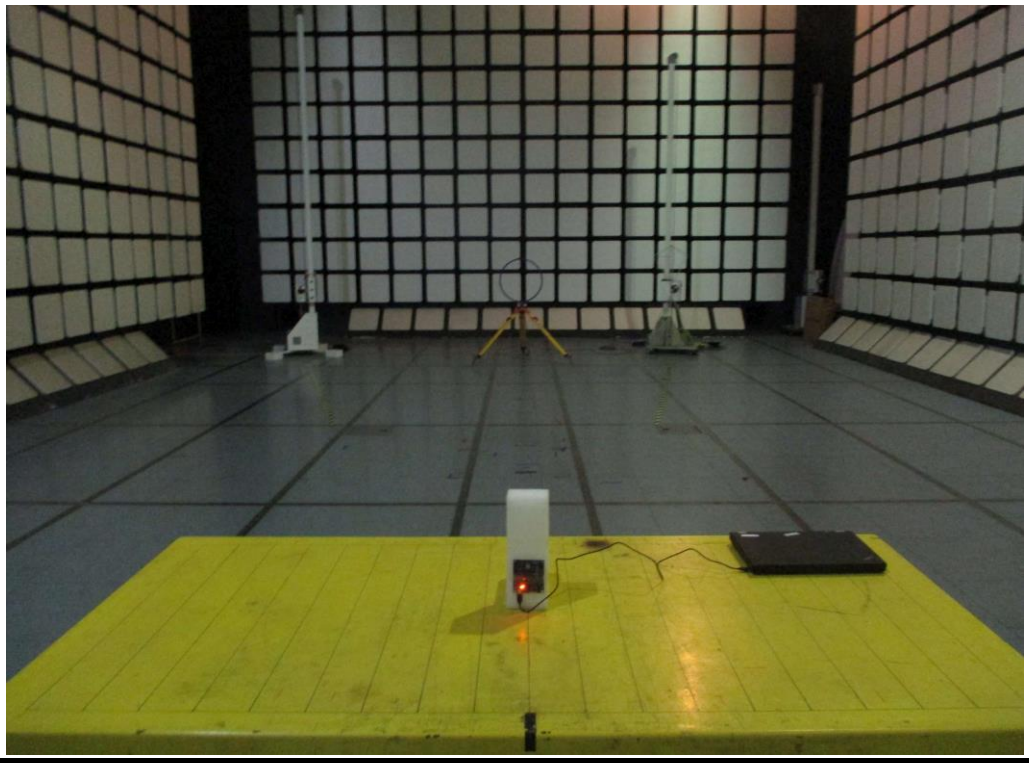
Spurious Emission below 30MHz Test (EFB2455A3S-15MH4L Antenna)





Spurious Emission below 30MHz Test (ANT1608LL14R2460A Antenna)





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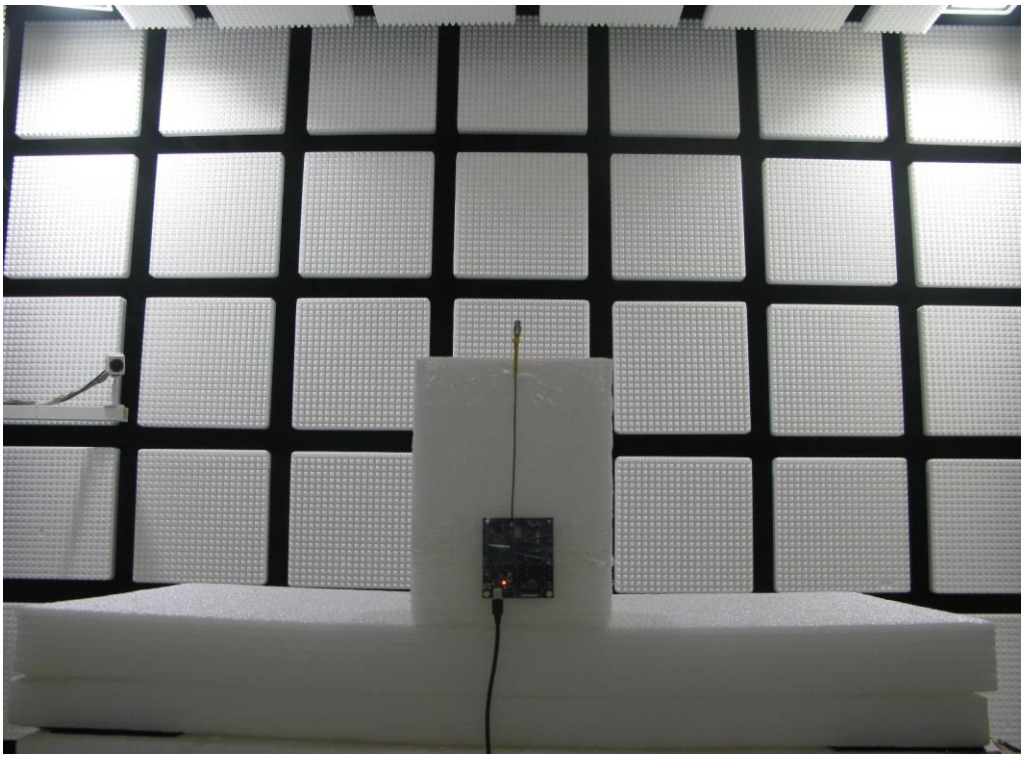
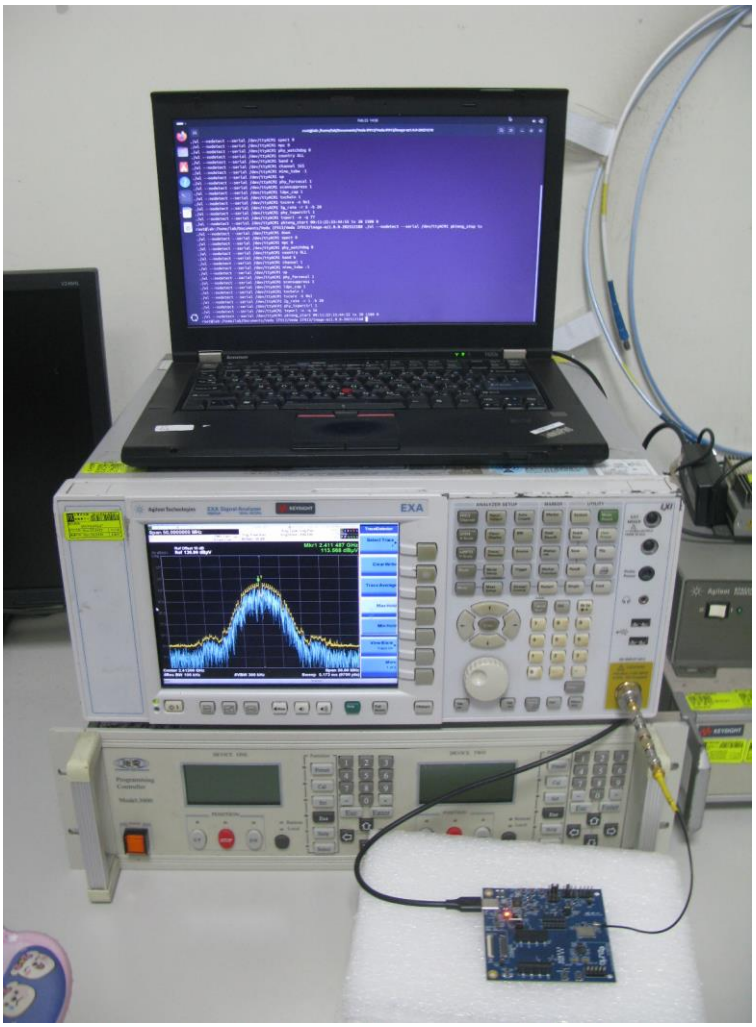
Spurious Emission above 30MHz Test (Radiated Test)

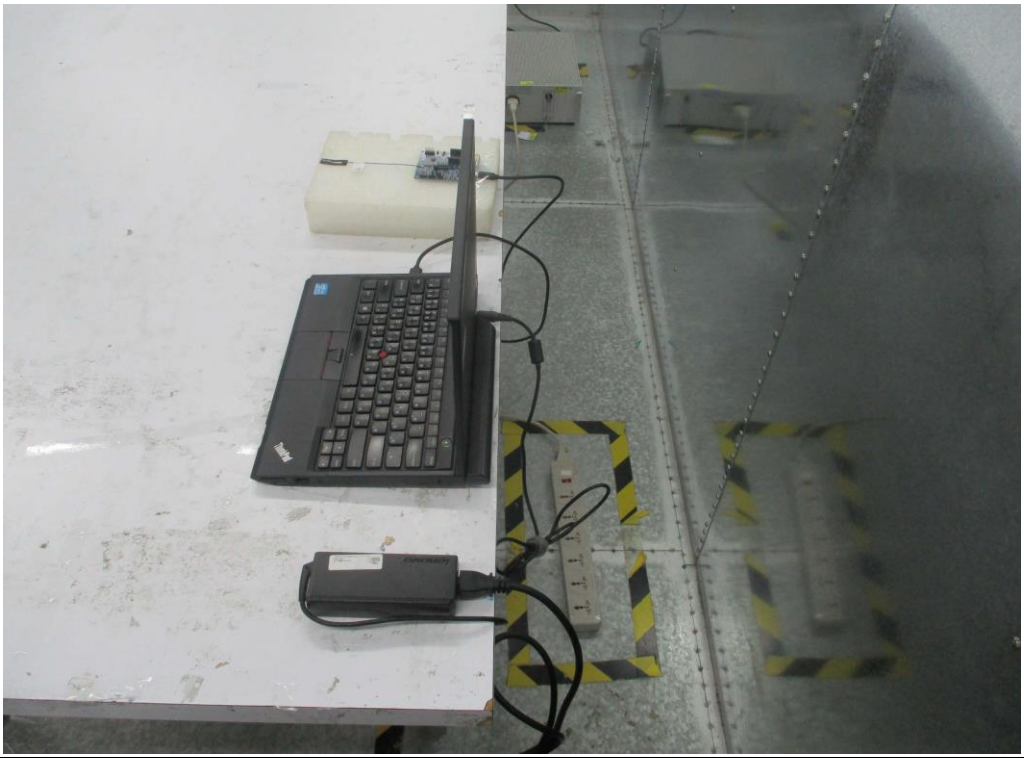


Spurious Emission above 30MHz Test (Conducted Test)

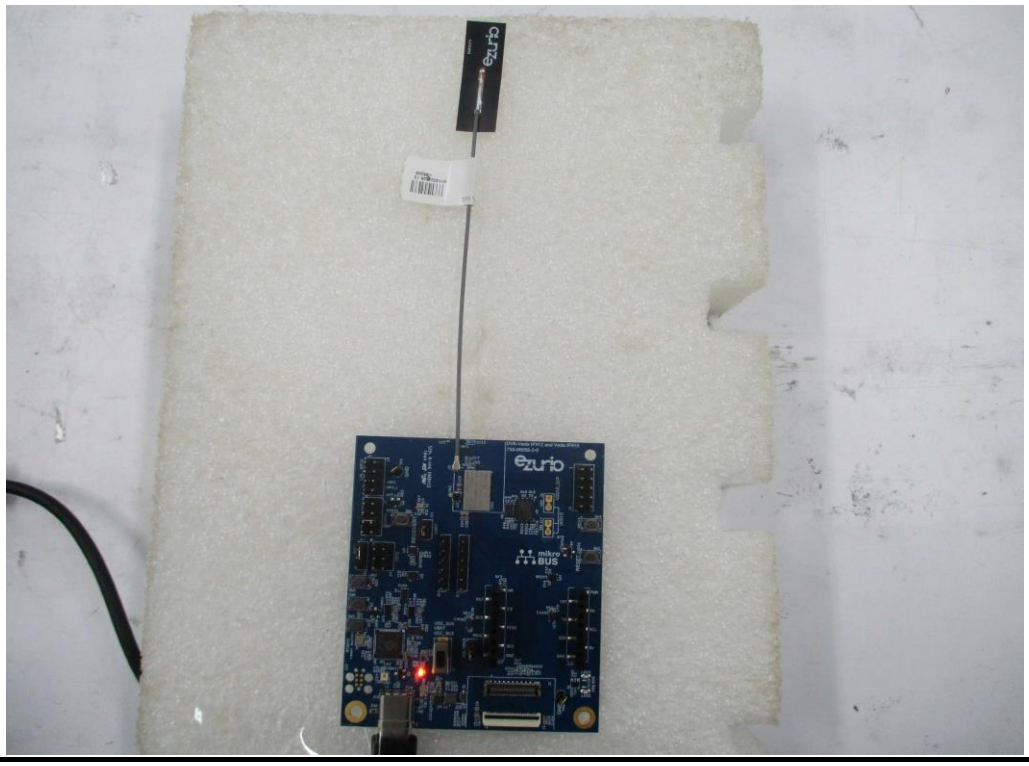


Frequency band 5470 ~ 5725 MHz

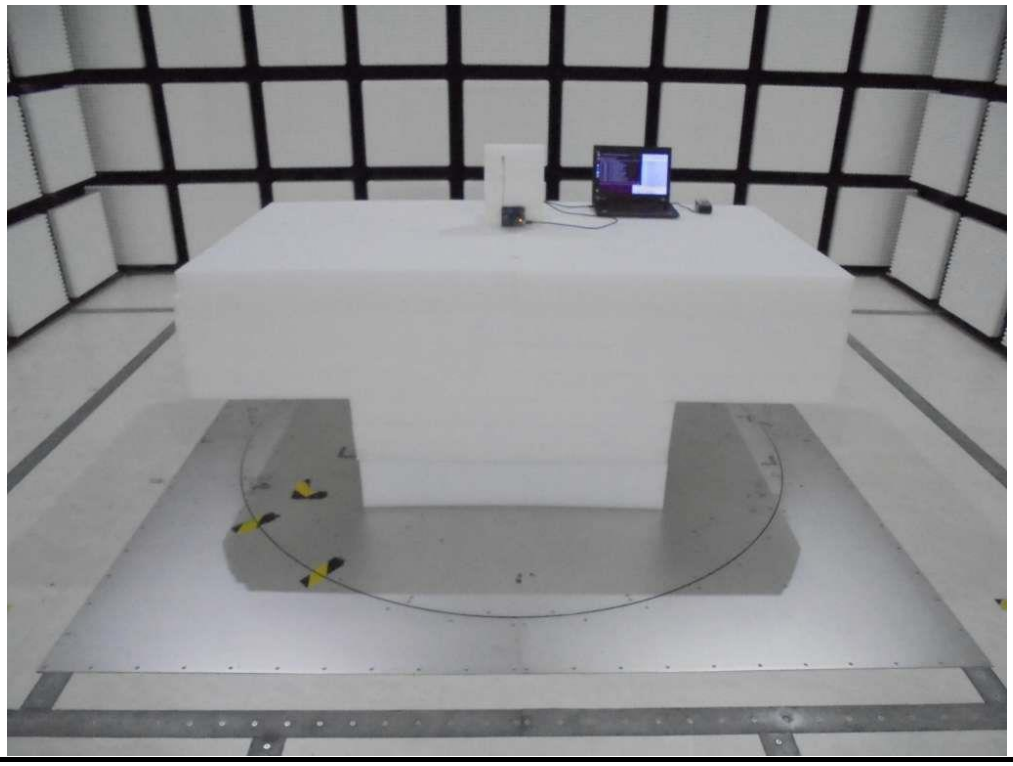
Conducted Emission Test

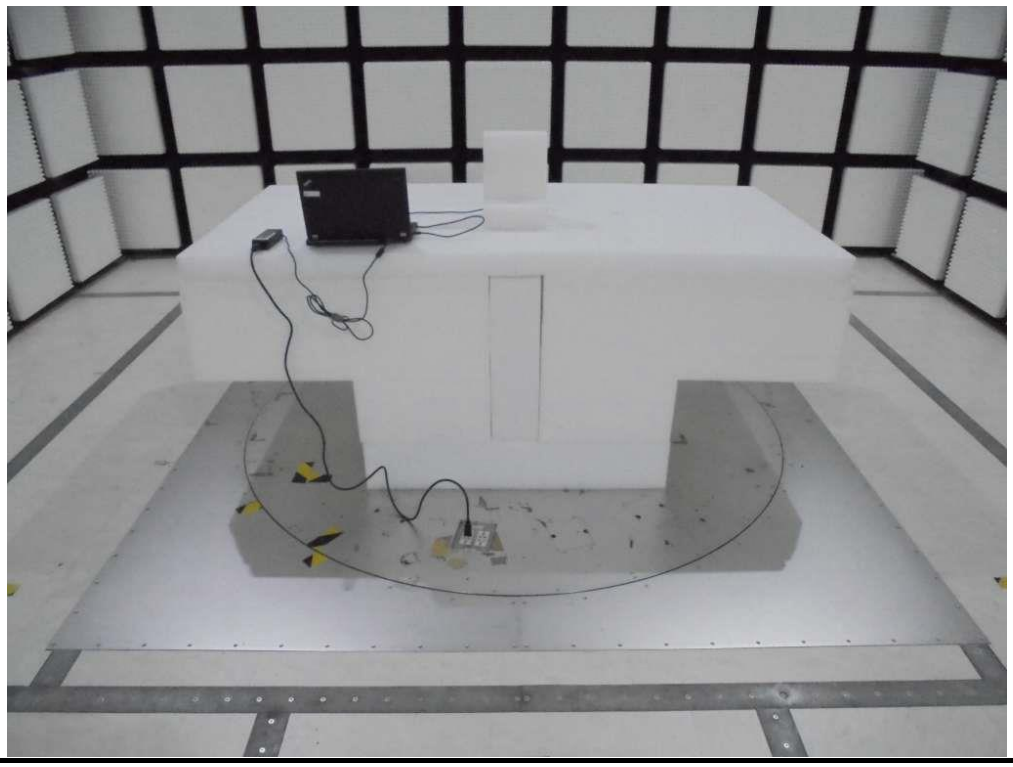


Conducted Emission Test

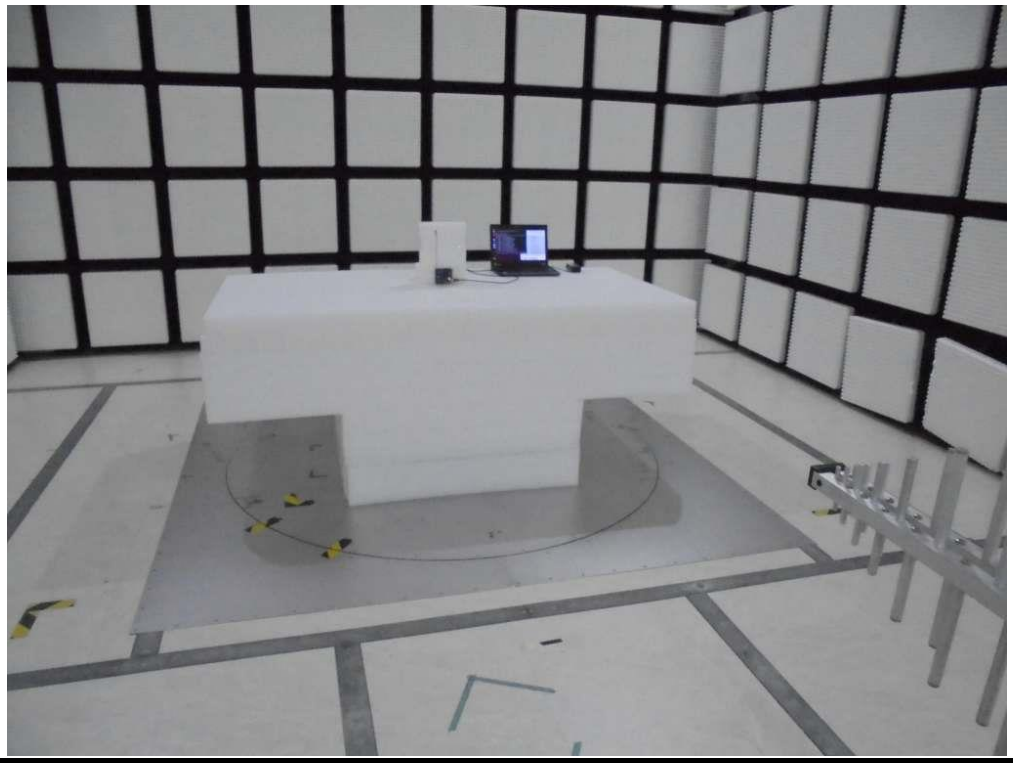


Radiated Emission Below 1GHz Test

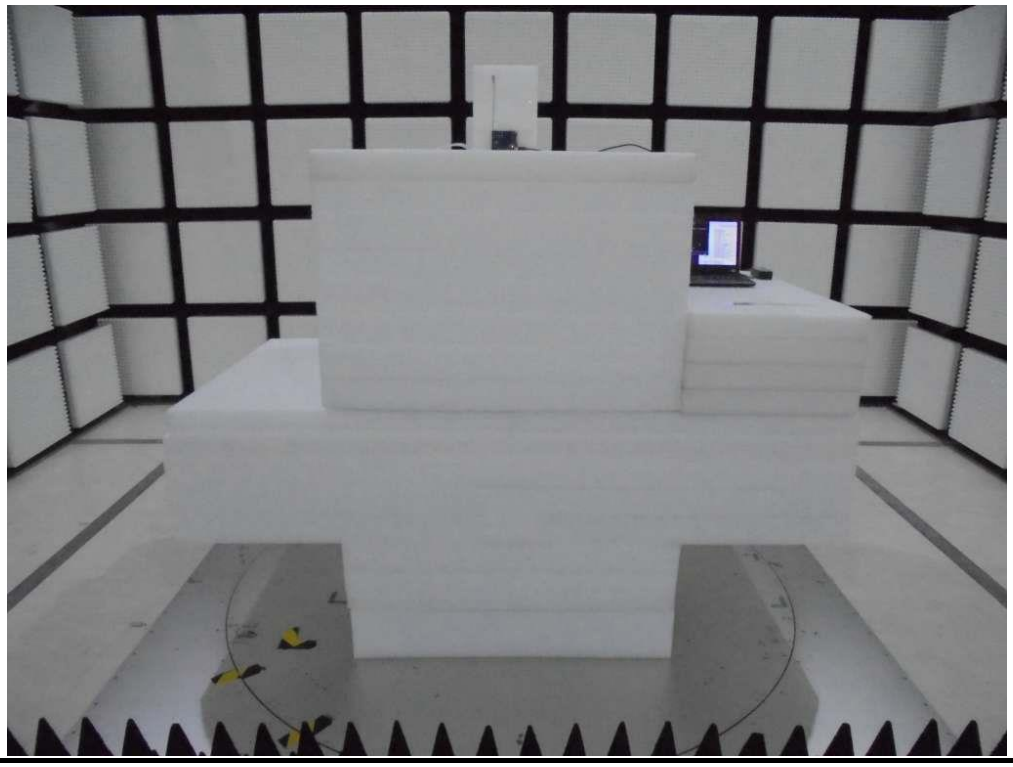


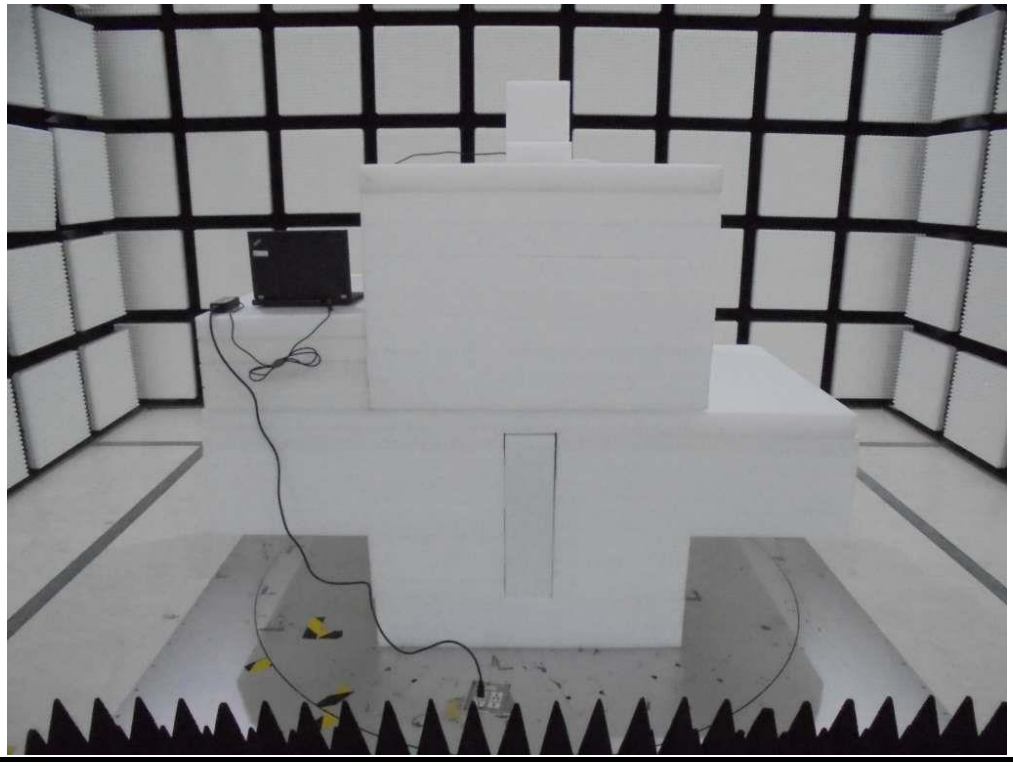


Radiated Emission Below 1GHz Test

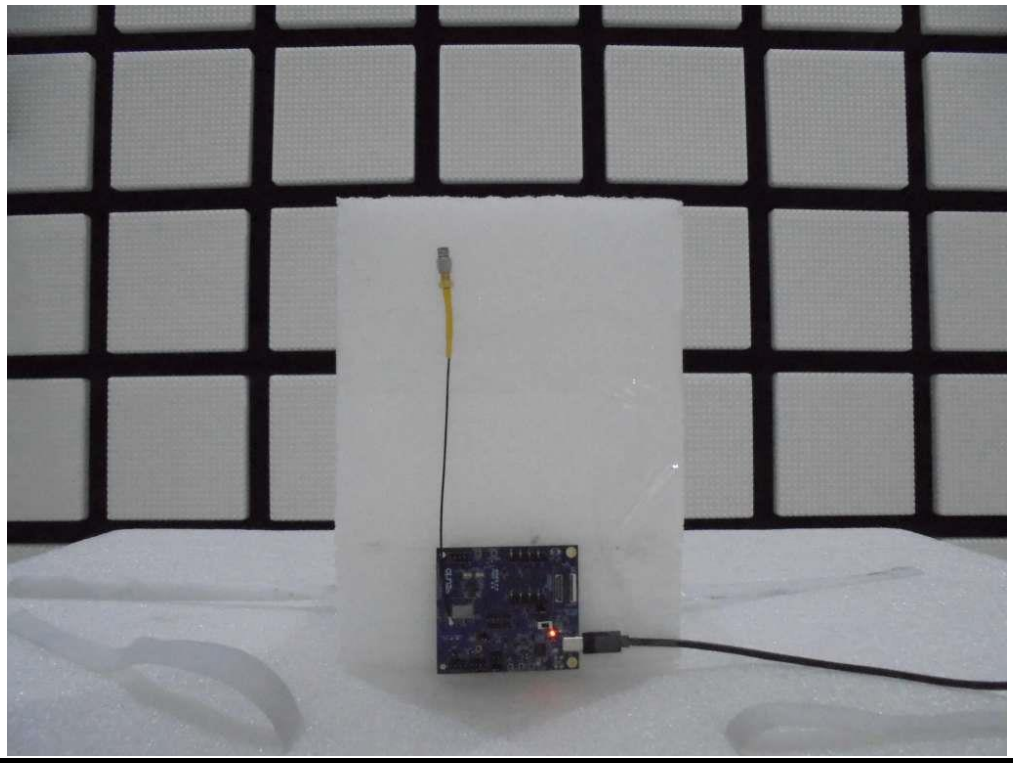


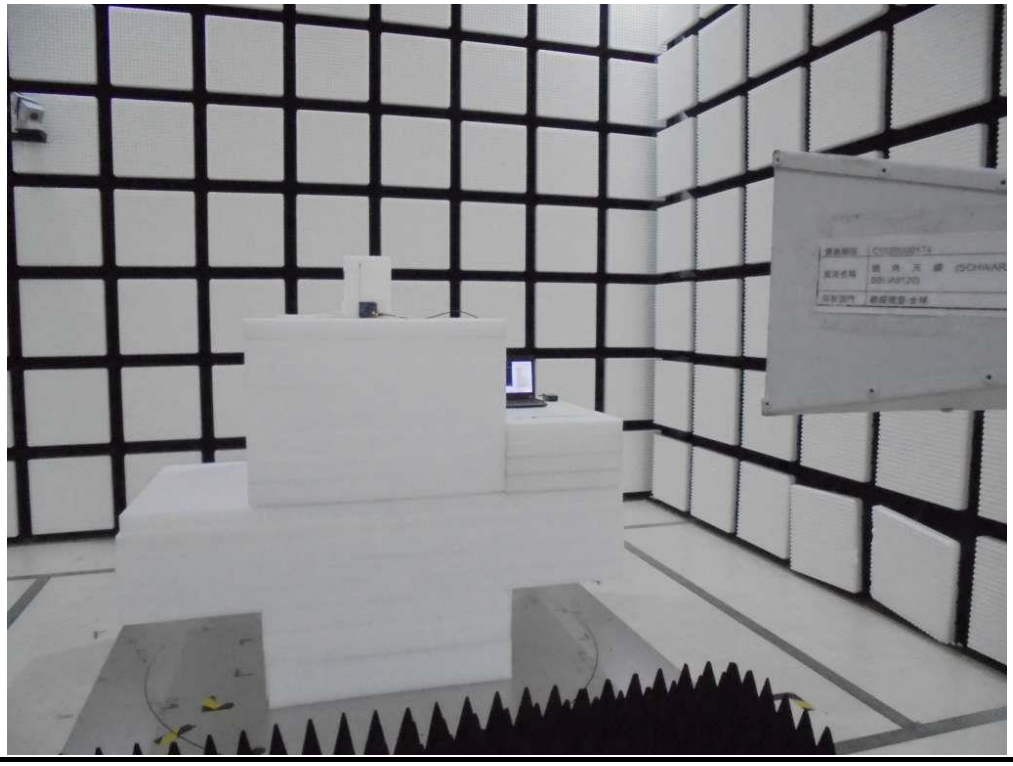
Radiated Emission Above 1GHz Test





Radiated Emission Above 1GHz Test





7 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 Corporation (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 https://www.icertifi.com.tw.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan (R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

No.2-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

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Tel: 886-2-2222-0288

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If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666
Fax: 886-3-318-0345
Email: ICC_Service@icertifi.com.tw

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full RU configuration

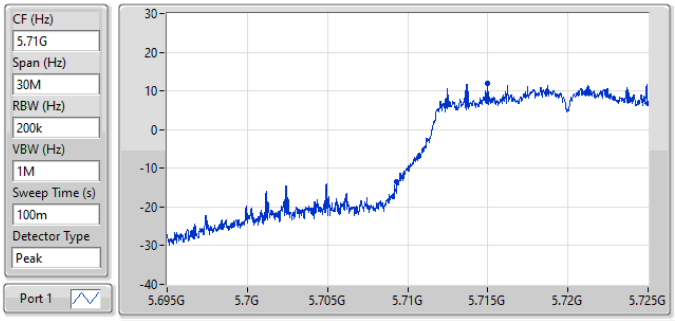
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.66M	13.685M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	2.42M	9.911M
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	20.79M	14.687M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	12.18M

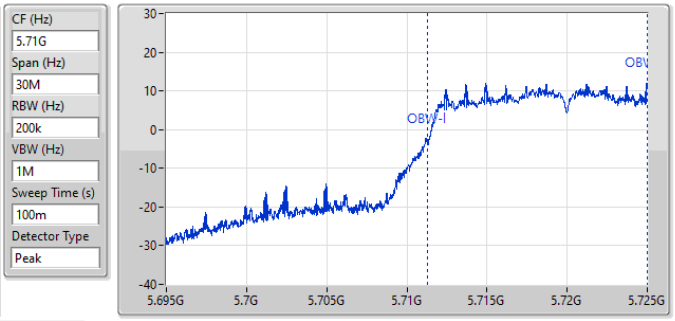
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

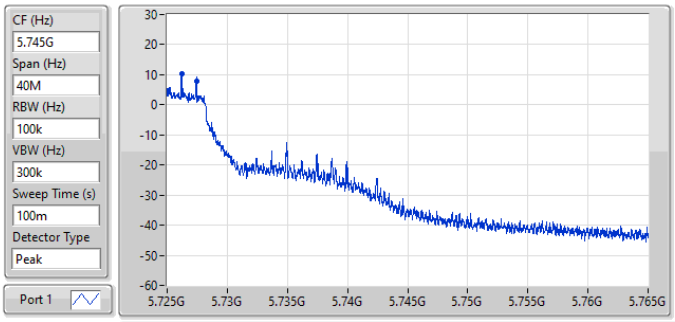


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.66M	5.70934G	5.725G	13.685M	5.711283G	5.724967G	Inf	1

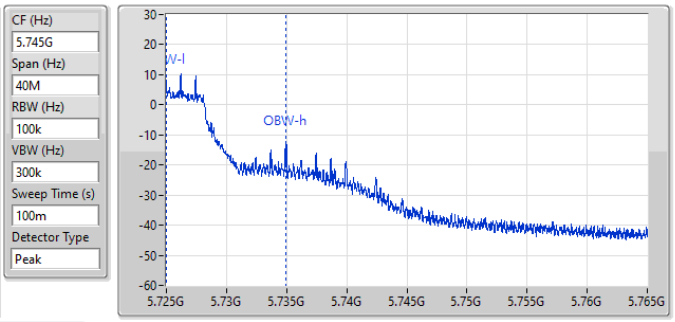


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

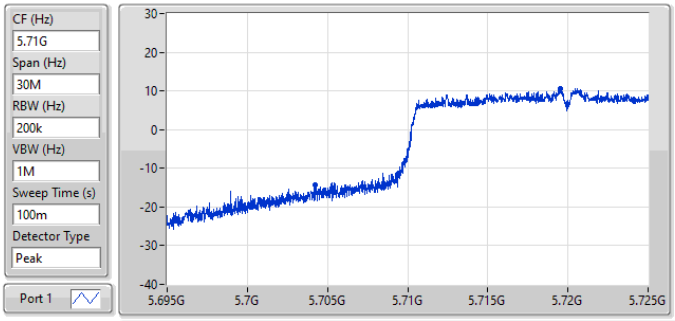


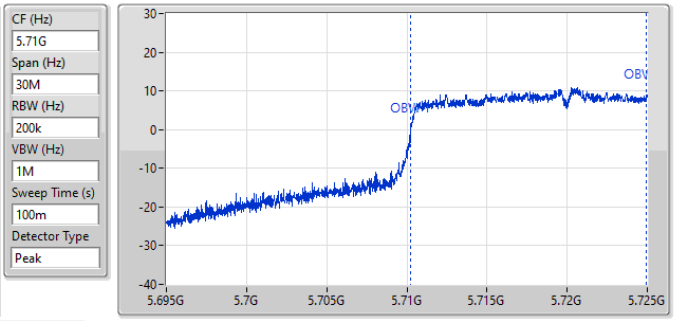
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.42M	5.72506G	5.72748G	9.911M	5.725006G	5.734917G	500k	1



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

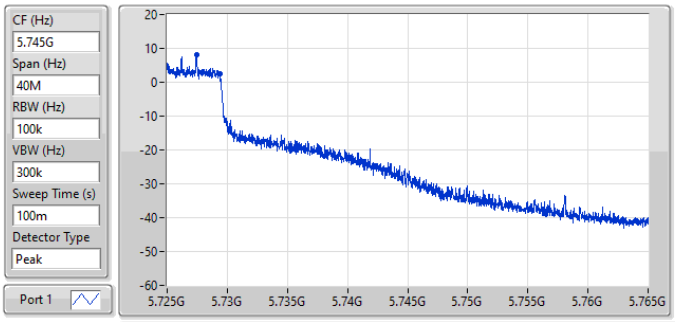


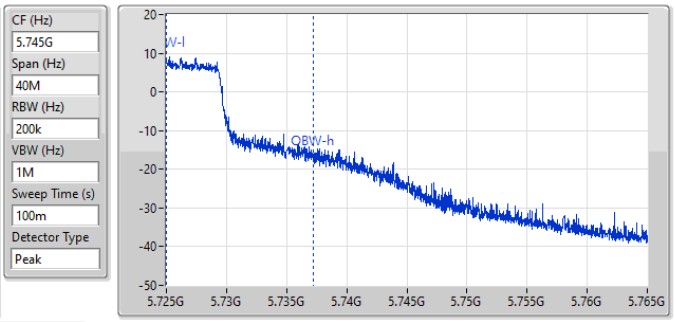


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.70421G	5.725G	14.687M	5.710252G	5.724938G	Inf	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz





6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.36M	5.725G	5.72936G	12.18M	5.725019G	5.737199G	500k	1

partial RU configuration

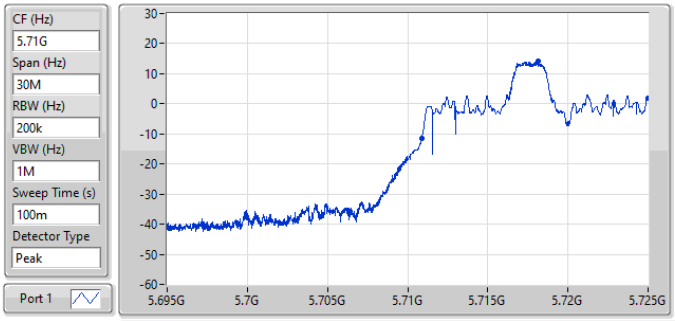
Result

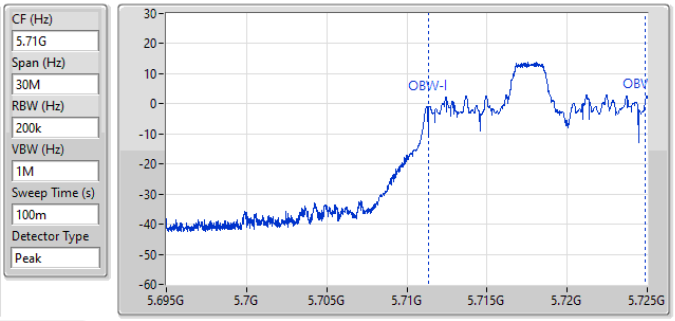
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.13M	13.481M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	3.888M
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.03M	13.568M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.916M
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	20.13M	14.767M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	7.039M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

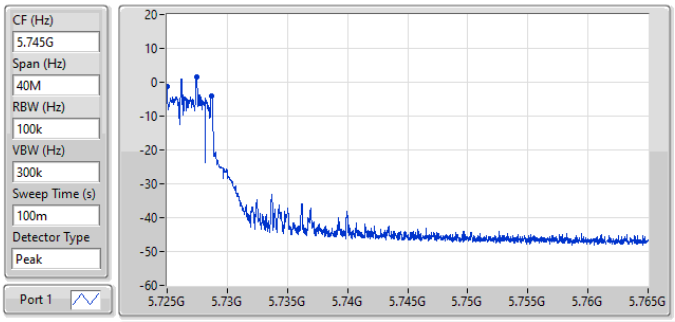


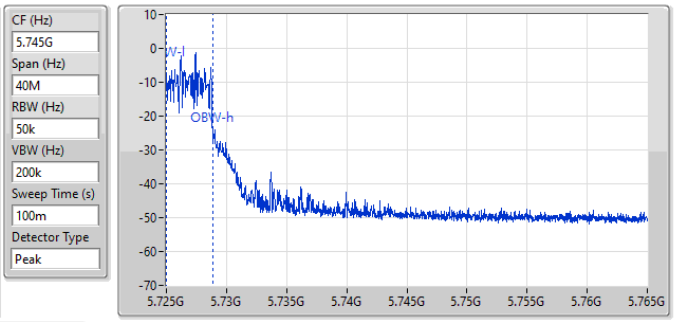


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.13M	5.71087G	5.725G	13.481M	5.711355G	5.724836G	Inf	1

5.725-5.85GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

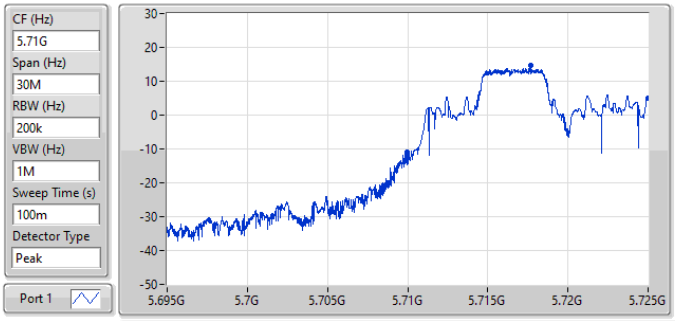


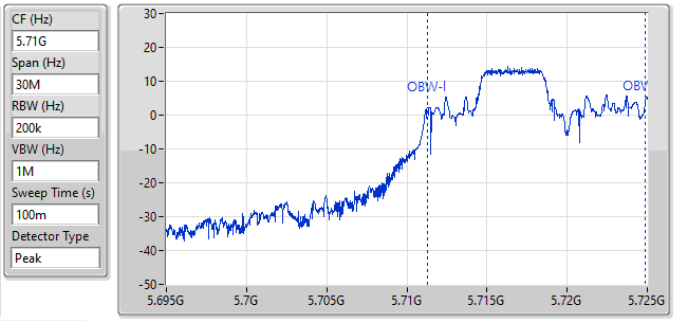


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.72M	5.725G	5.72872G	3.888M	5.725012G	5.7289G	500k	1

5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

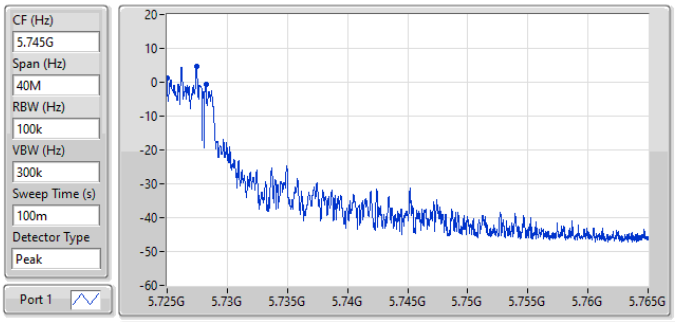


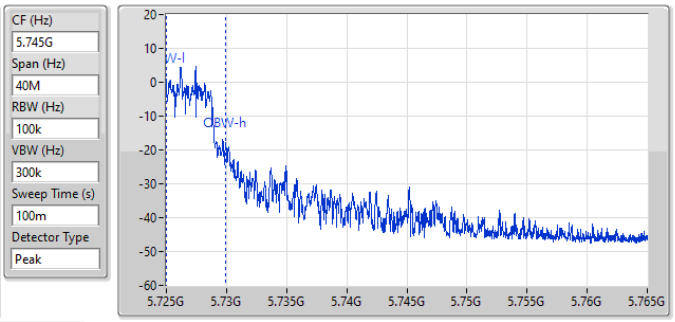


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.03M	5.70997G	5.725G	13.568M	5.711275G	5.724843G	Inf	1

5.725-5.85GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

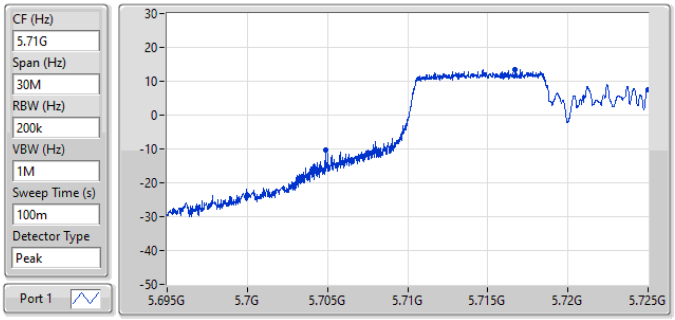


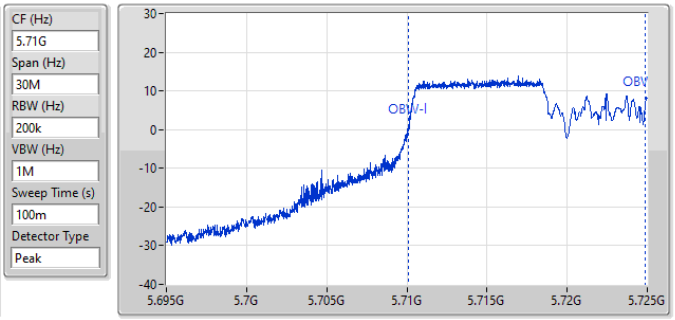


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.22M	5.725G	5.72822G	4.916M	5.72501G	5.729927G	500k	1

5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

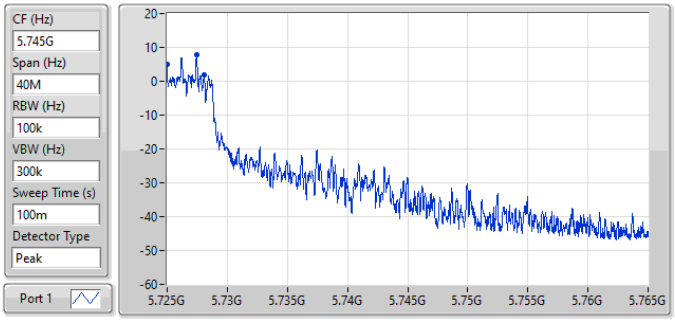


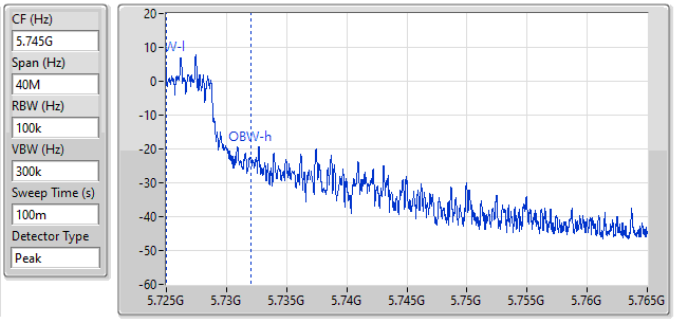


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.13M	5.70487G	5.725G	14.767M	5.710122G	5.724889G	Inf	1

5.725-5.85GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz





6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.08M	5.725G	5.72808G	7.039M	5.72501G	5.732049G	500k	1

full RU configuration

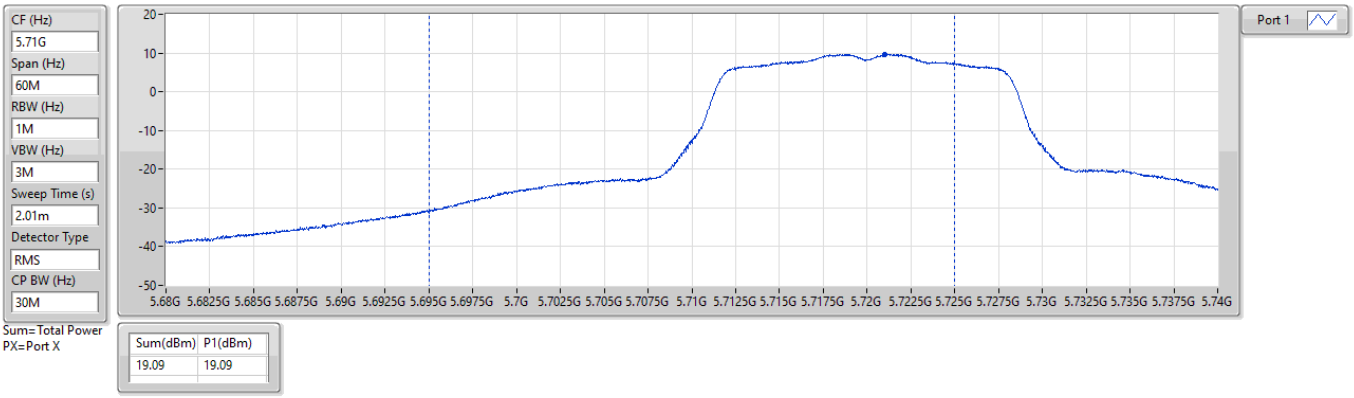
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	19.09	19.09	22.95	23.49	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.21	11.21	30.00	15.61	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	18.11	18.11	24.00	22.51	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.81	11.81	30.00	16.21	36.00

DG = Directional Gain; Port X = Port X output power

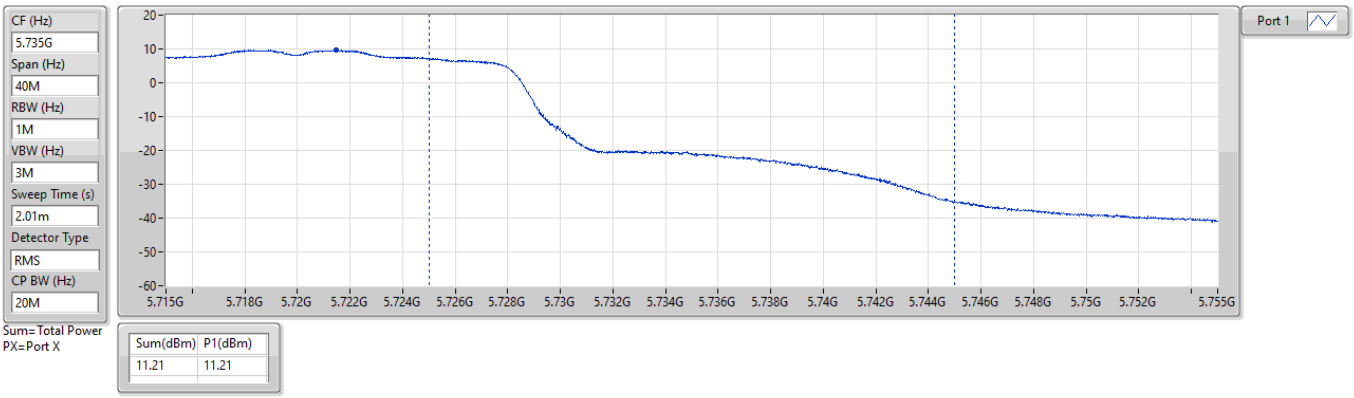
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



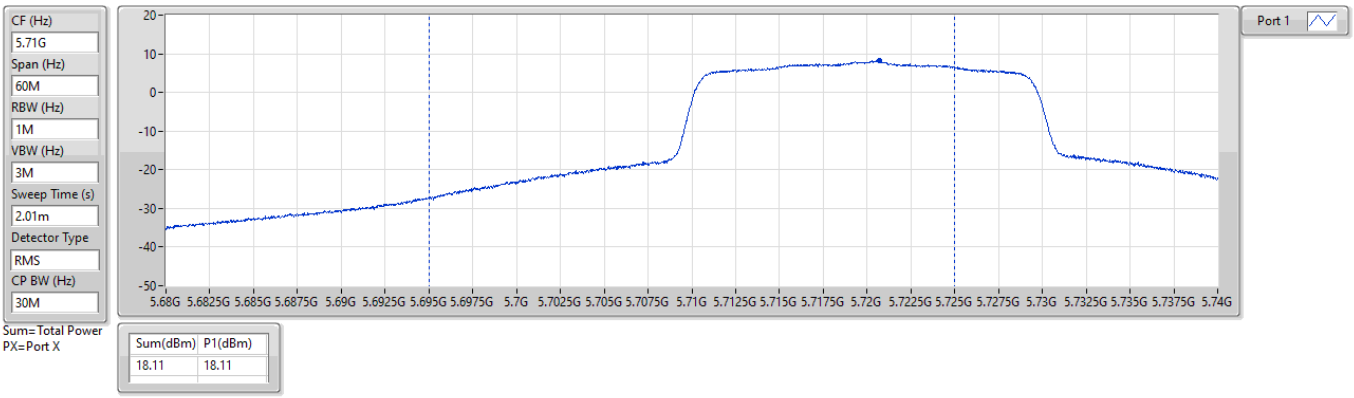
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



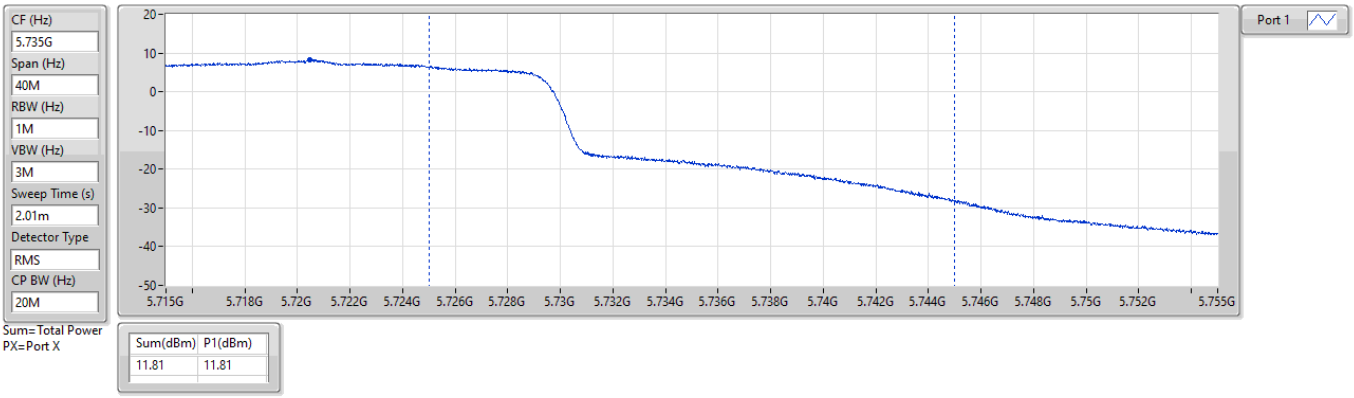
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



partial RU configuration

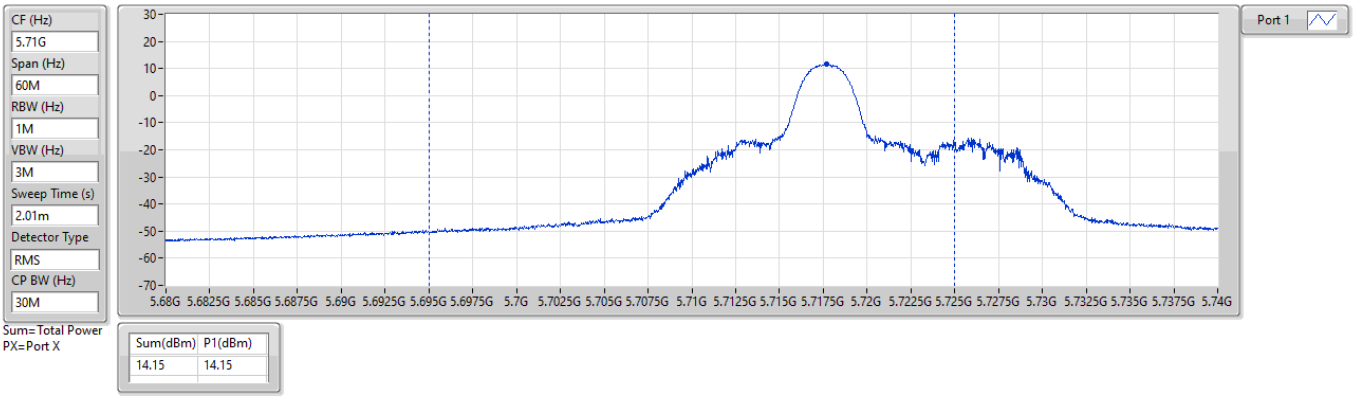
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	14.15	14.15	22.50	18.55	28.50
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-15.11	-15.11	30.00	-10.71	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	16.94	16.94	22.77	21.34	28.77
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-10.92	-10.92	30.00	-6.52	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	18.95	18.95	24.00	23.35	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-6.42	-6.42	30.00	-2.02	36.00

DG = Directional Gain; Port X = Port X output power

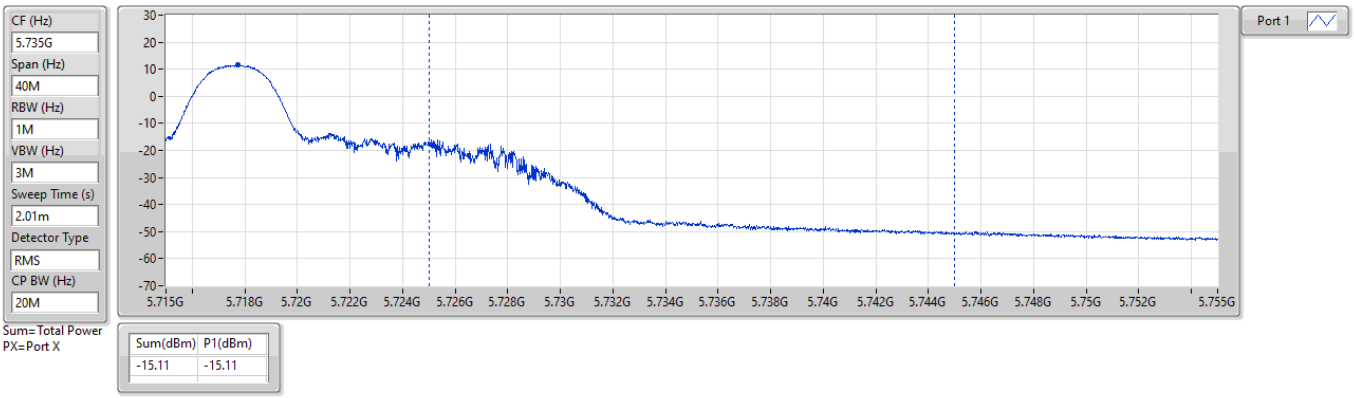
5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



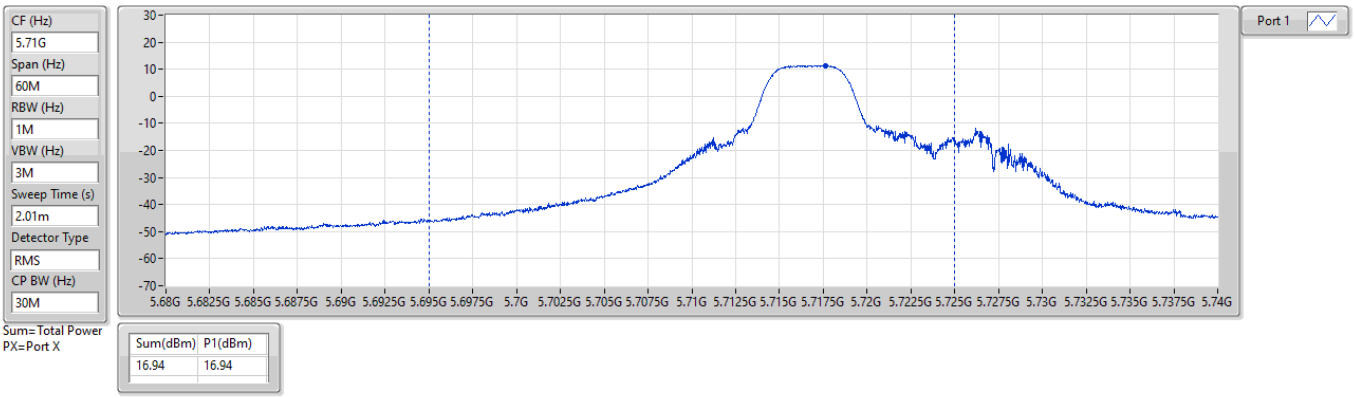
5.725-5.85GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



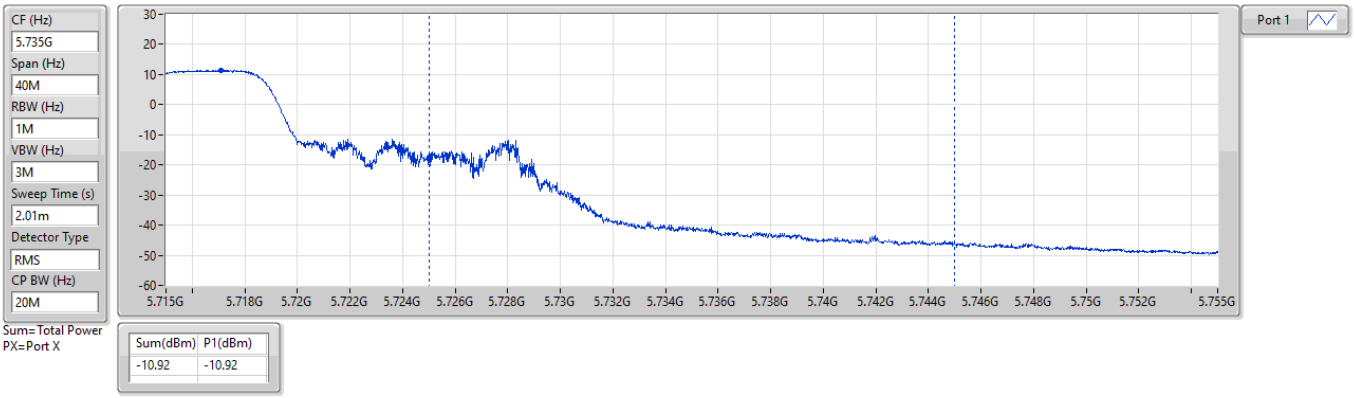
5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



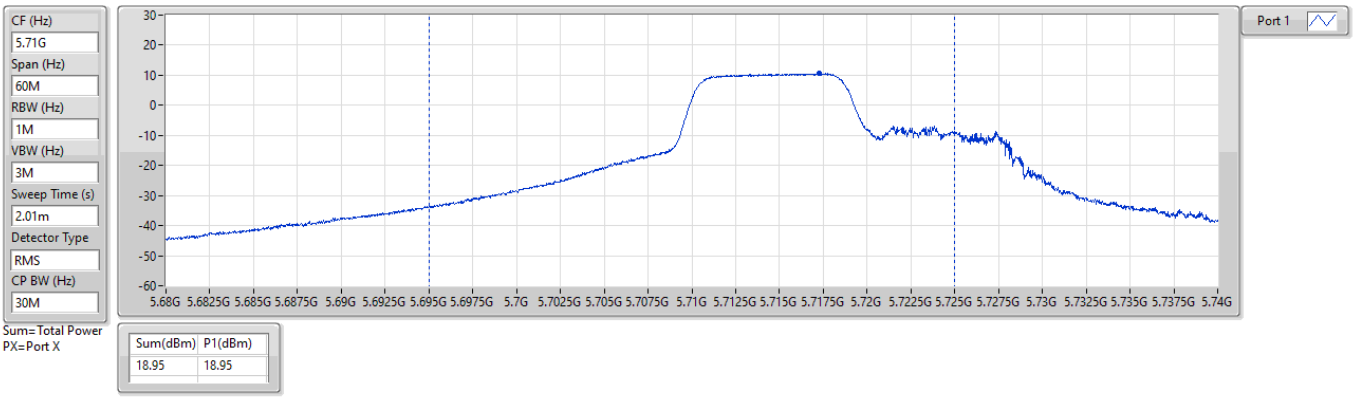
5.725-5.85GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



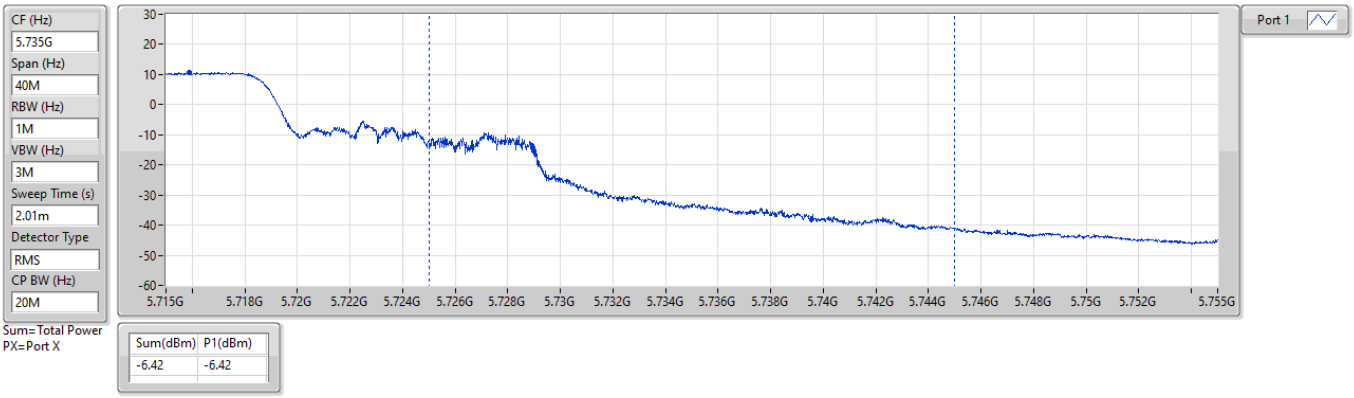
5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



full RU configuration

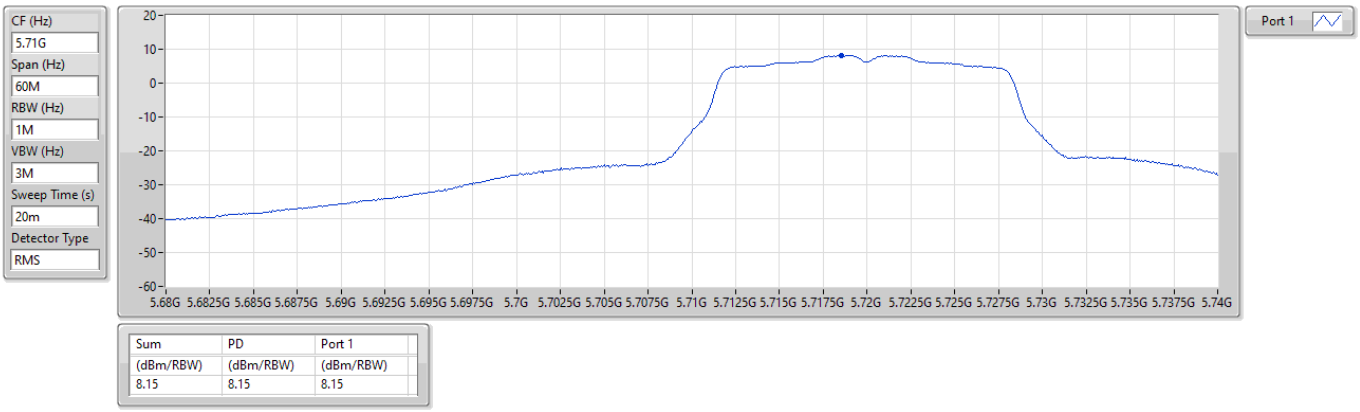
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	8.15	8.15	11.00	12.55	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	4.36	4.36	30.00	8.76	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	6.94	6.94	11.00	11.34	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	3.63	3.63	30.00	8.03	36.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = Power density; Port X = Port X Power Density;

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

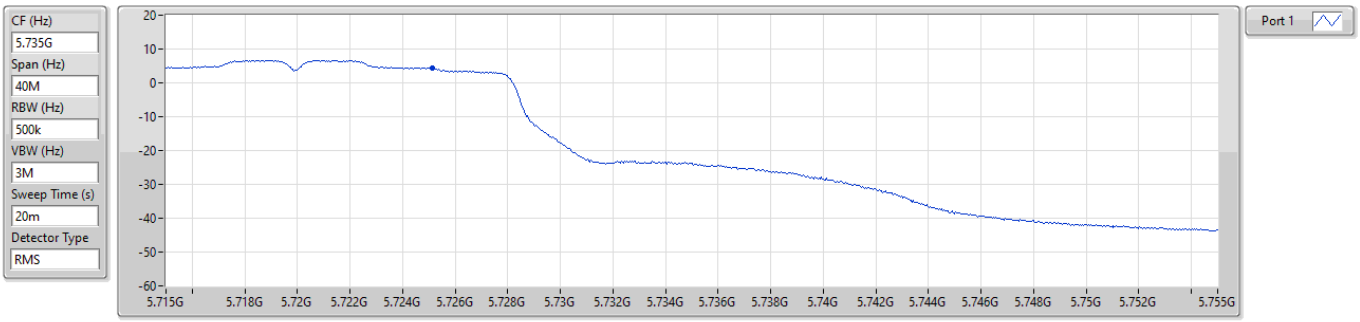
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	8.15

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

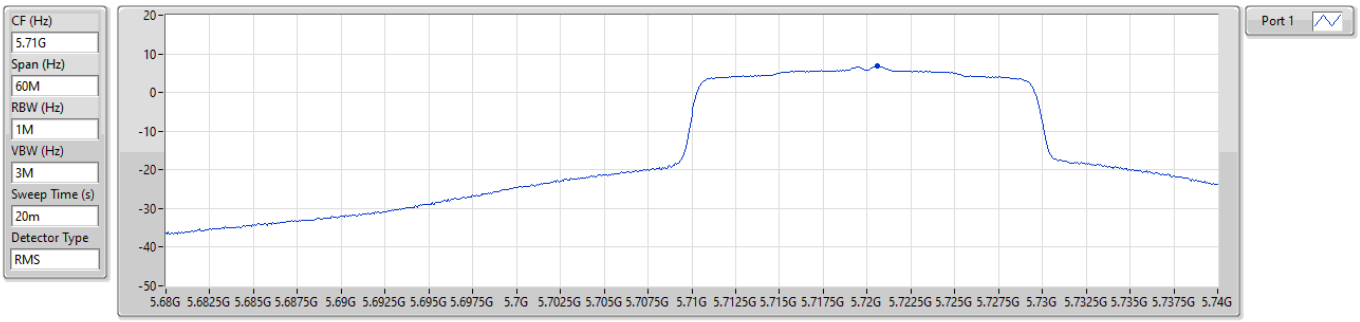
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	4.36

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

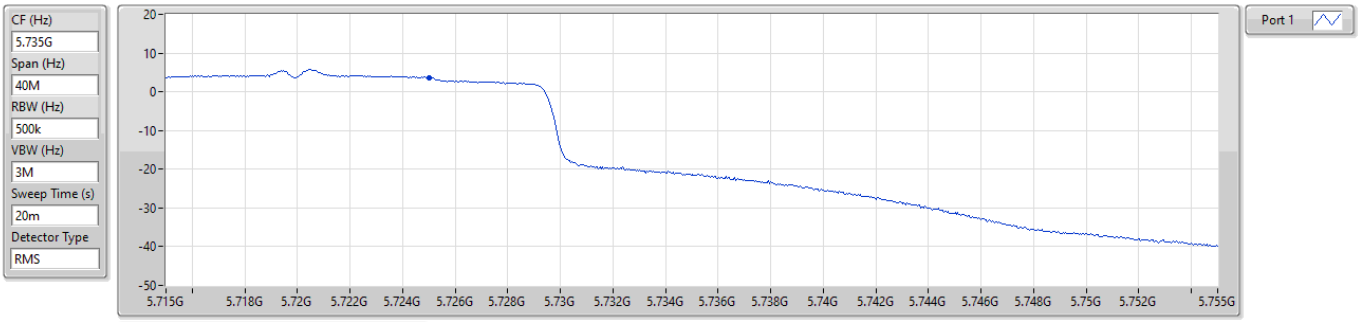
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	6.94

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	3.63

partial RU configuration

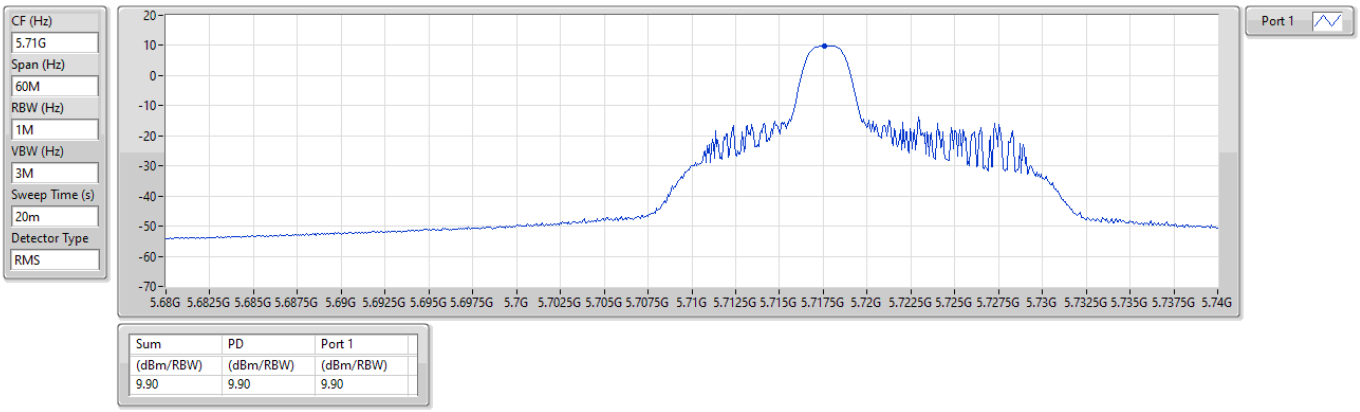
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	9.90	9.90	11.00	14.30	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-16.47	-16.47	30.00	-12.07	36.00
5745MHz	Pass	4.40	13.35	13.35	30.00	17.75	36.00
5785MHz	Pass	4.40	13.62	13.62	30.00	18.02	36.00
5825MHz	Pass	4.40	13.44	13.44	30.00	17.84	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	10.11	10.11	11.00	14.51	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-12.47	-12.47	30.00	-8.07	36.00
5745MHz	Pass	4.40	10.67	10.67	30.00	15.07	36.00
5785MHz	Pass	4.40	10.78	10.78	30.00	15.18	36.00
5825MHz	Pass	4.40	10.64	10.64	30.00	15.04	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	8.94	8.94	11.00	13.34	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-9.85	-9.85	30.00	-5.45	36.00
5745MHz	Pass	4.40	7.65	7.65	30.00	12.05	36.00
5785MHz	Pass	4.40	7.70	7.70	30.00	12.10	36.00
5825MHz	Pass	4.40	7.79	7.79	30.00	12.19	36.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = Power density; Port X = Port X Power Density;

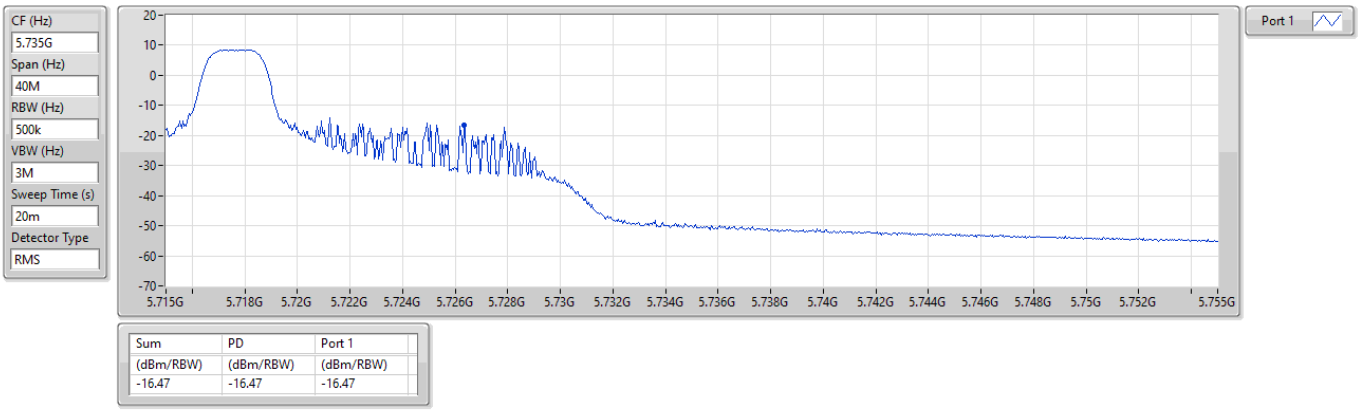
5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz



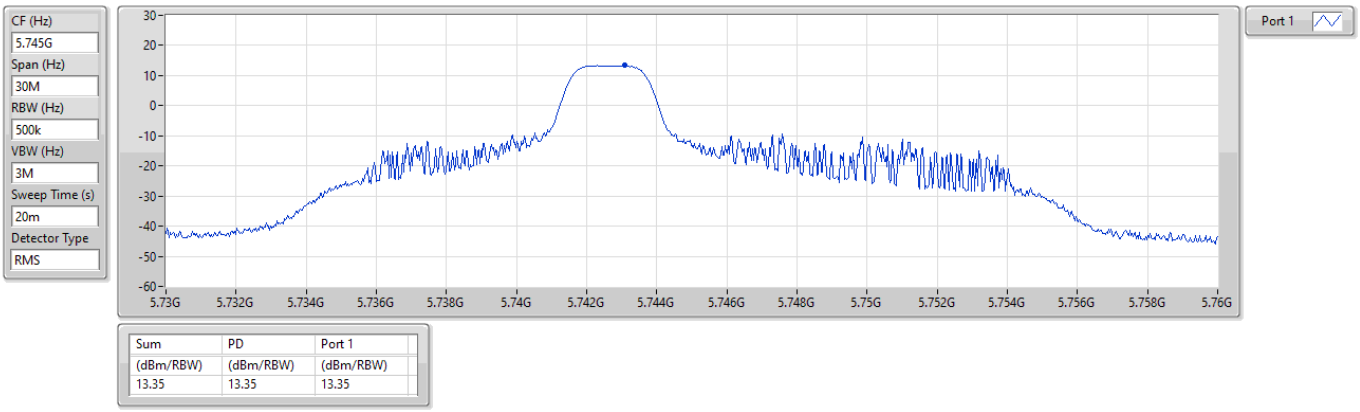
5.725-5.85GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz



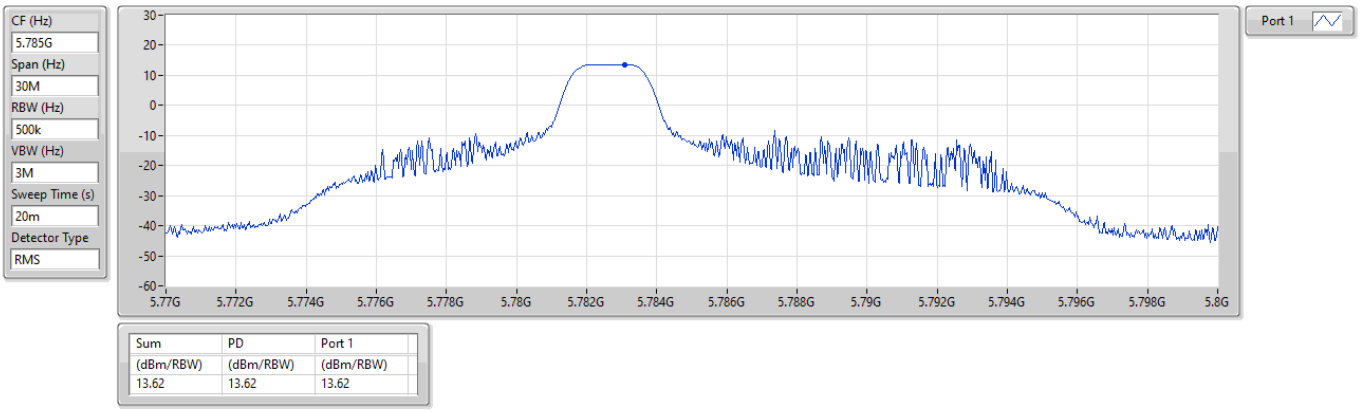
5.725-5.85GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **PSD**

5745MHz



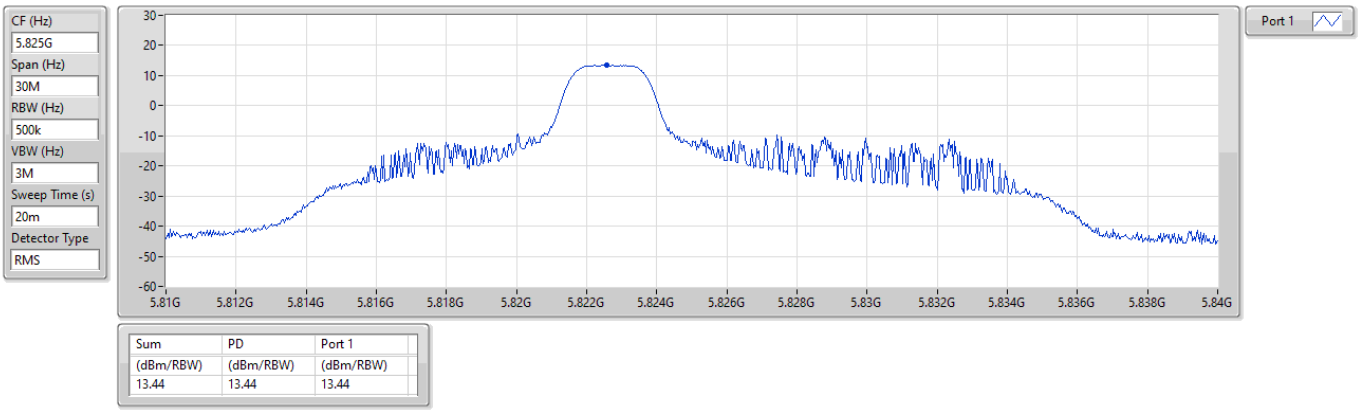
5.725-5.85GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **PSD**

5785MHz



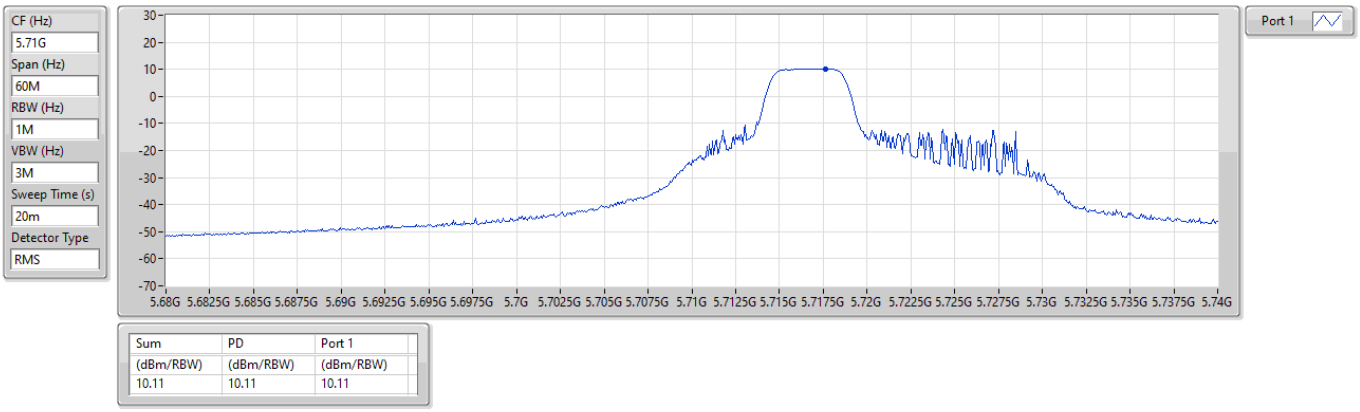
5.725-5.85GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **PSD**

5825MHz



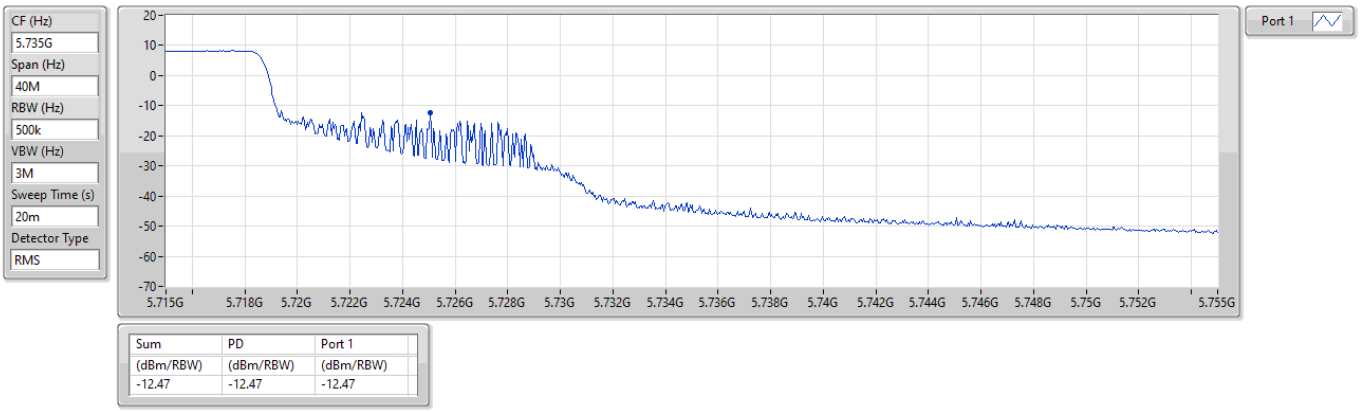
5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz



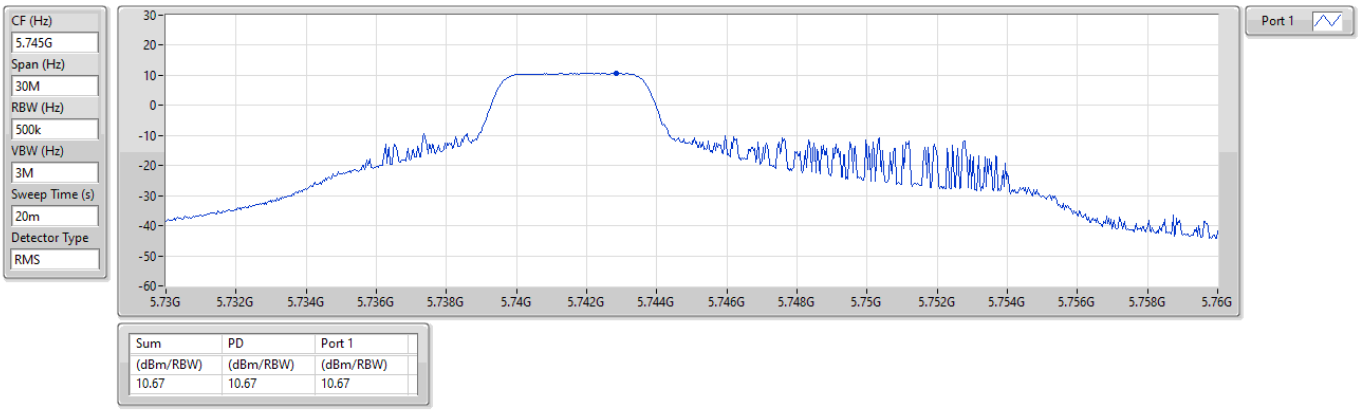
5.725-5.85GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz



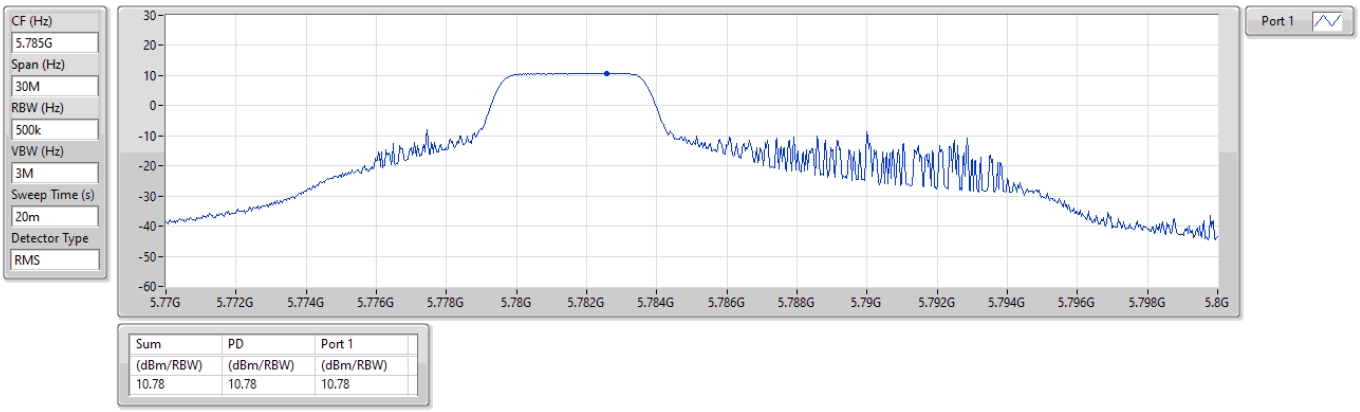
5.725-5.85GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **PSD**

5745MHz



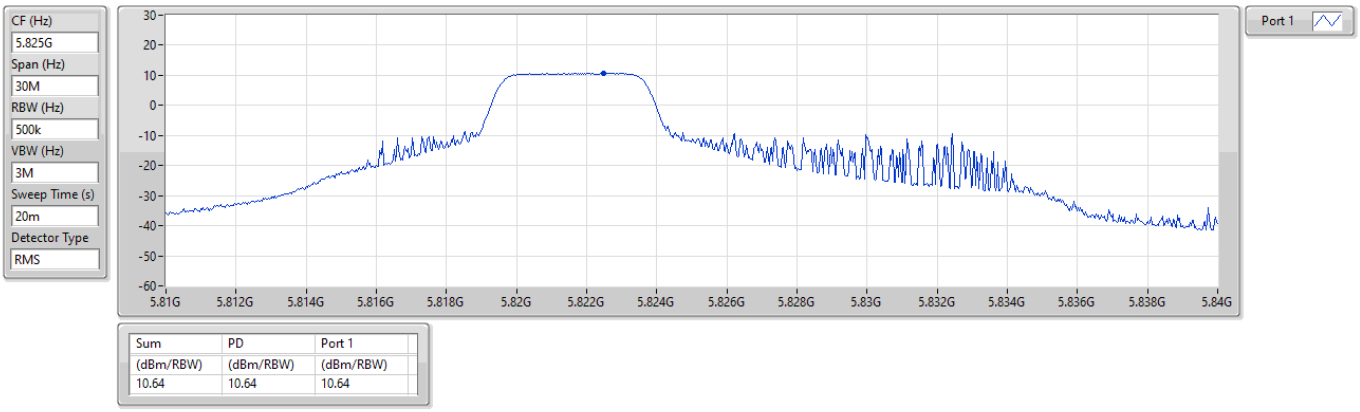
5.725-5.85GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **PSD**

5785MHz



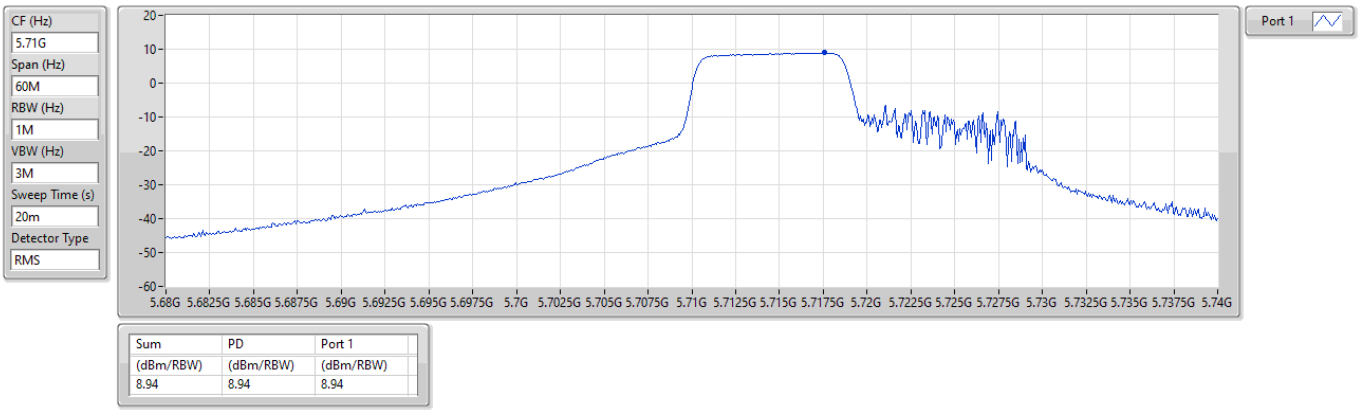
5.725-5.85GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **PSD**

5825MHz



5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **PSD**

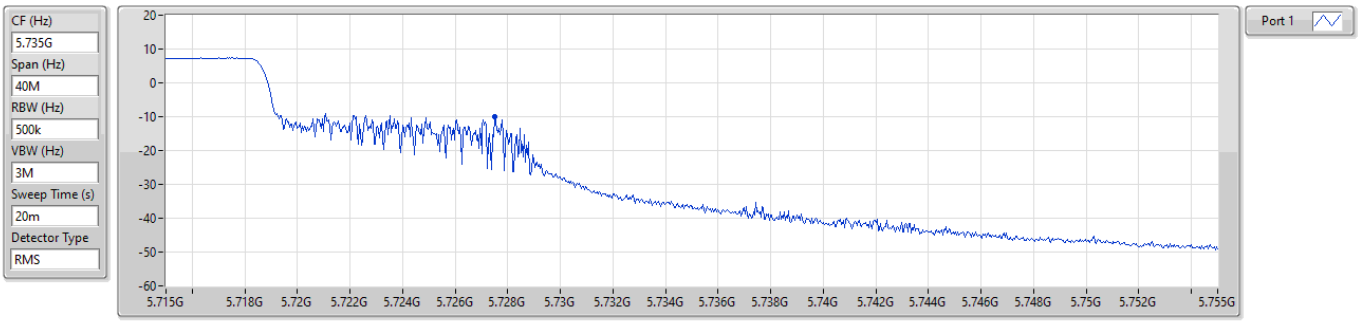
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.94	8.94	8.94

5.725-5.85GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **PSD**

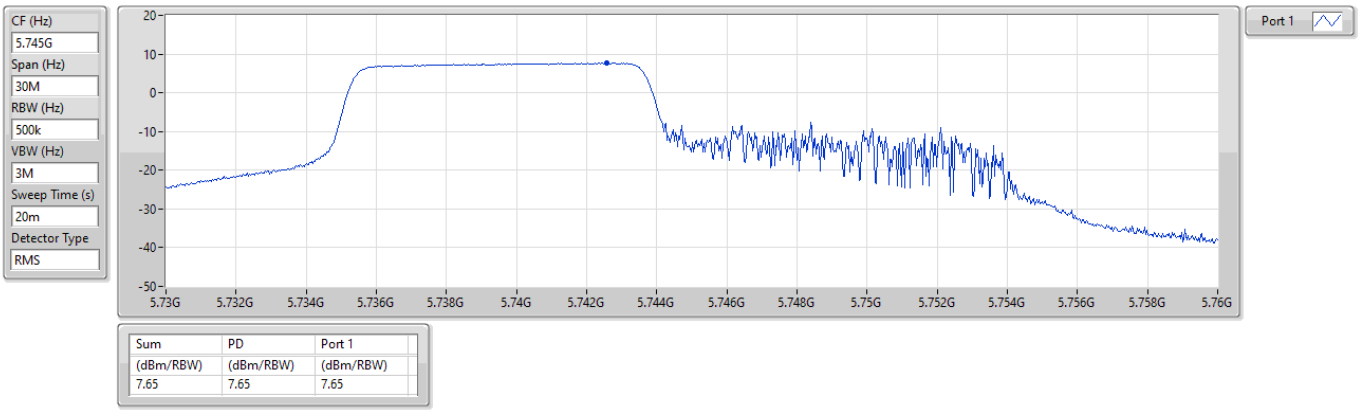
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.85	-9.85	-9.85

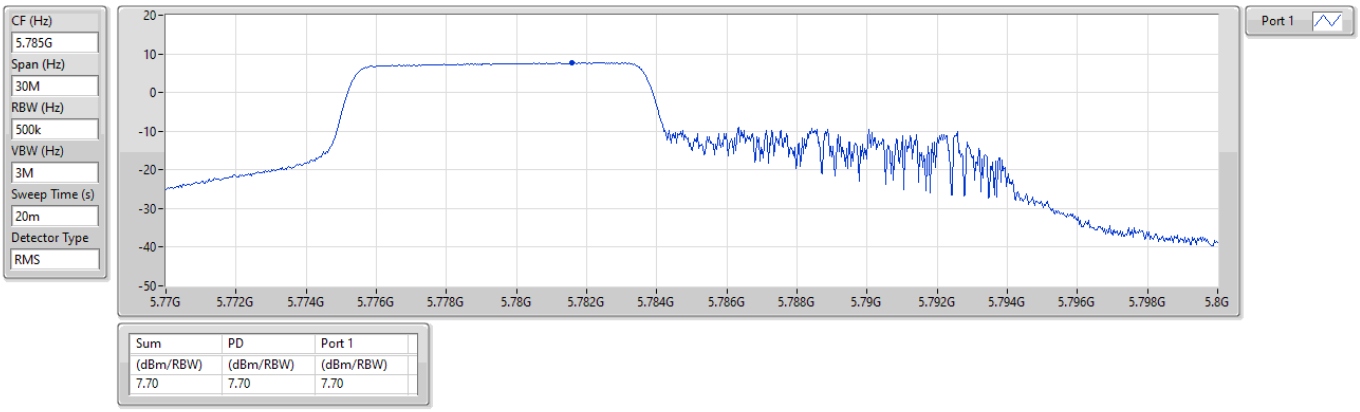
5.725-5.85GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **PSD**

5745MHz



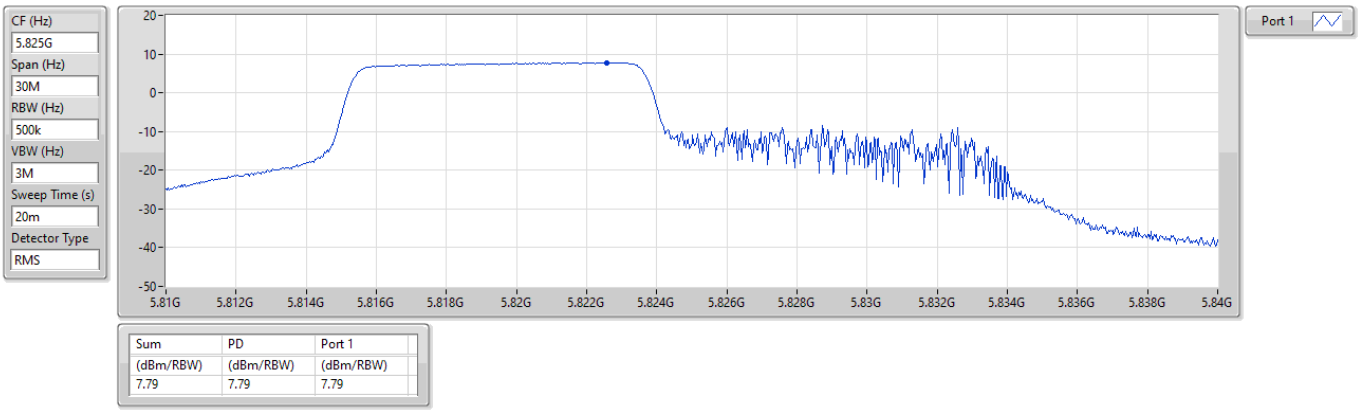
5.725-5.85GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **PSD**

5785MHz



5.725-5.85GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **PSD**

5825MHz



full RU configuration

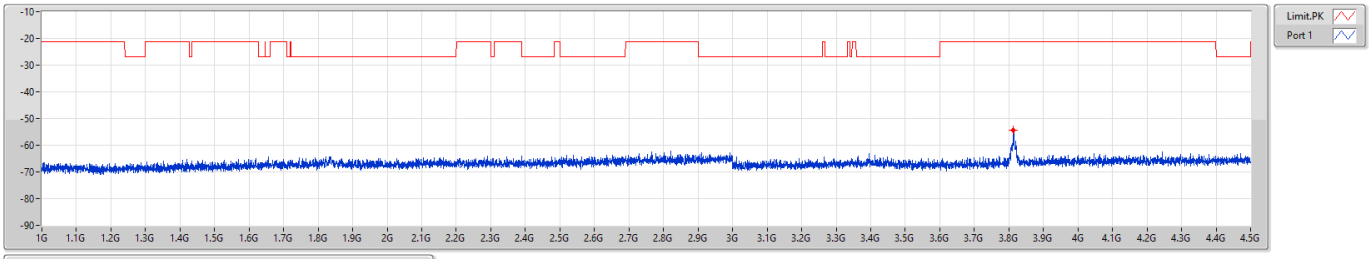
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	3.81356G	4.40	-58.06	-58.06	-53.66	-41.20	-12.46
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.81356G	4.40	-54.34	-54.34	-49.94	-21.20	-28.74
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	3.81356G	4.40	-56.16	-56.16	-51.76	-41.20	-10.56
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.81356G	4.40	-54.32	-54.32	-49.92	-21.20	-28.72

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **CSE Other [PK]**

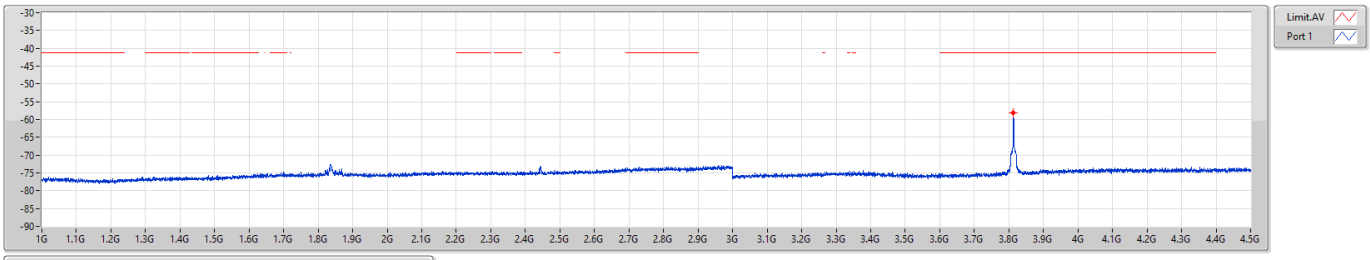
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.81356G	-54.34	-54.34

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **CSE Other [AV]**

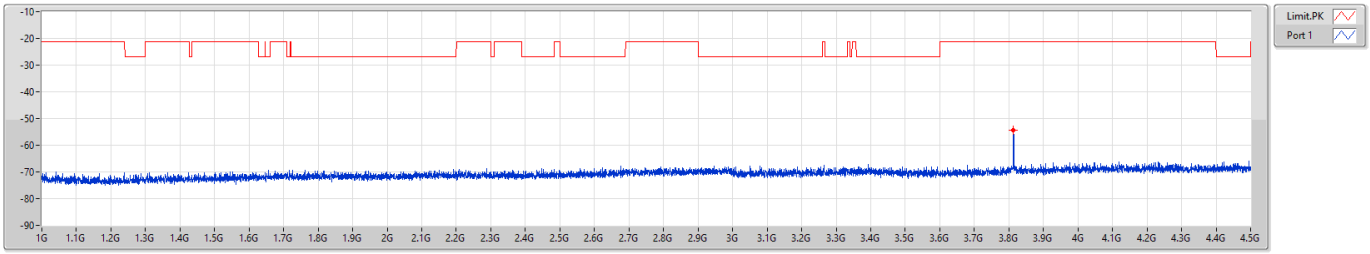
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.81356G	-58.06	-58.06

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **CSE Other [PK]**

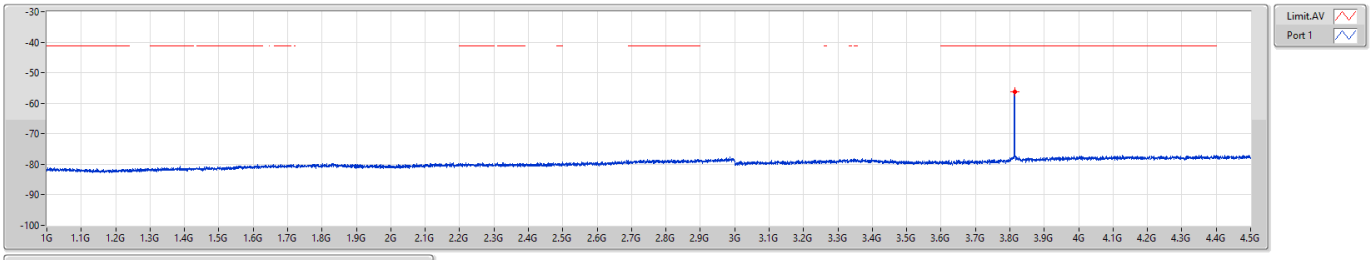
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.81356G	-54.32	-54.32

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **CSE Other [AV]**

5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.81356G	-56.16	-56.16

full RU configuration

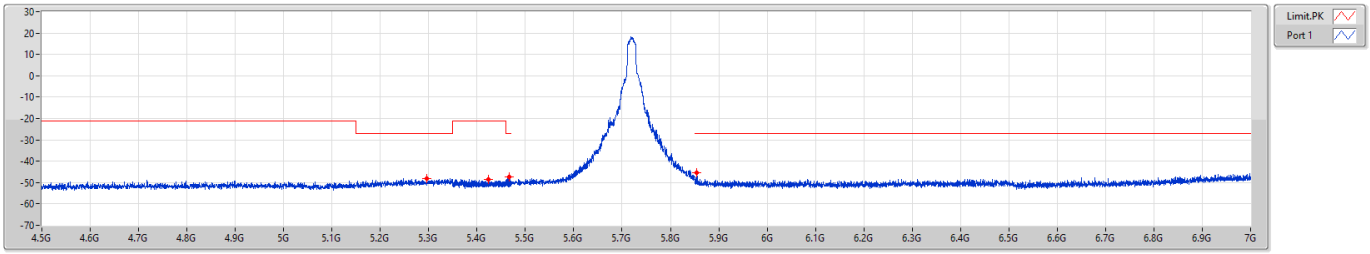
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	4.40	-58.93	-58.93	-54.53	-41.2	-13.33
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.35588G	4.40	-59.18	-59.18	-54.78	-41.2	-13.58
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.29603G	4.40	-48.04	-48.04	-43.64	-27	-16.64
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.42304G	4.40	-48.43	-48.43	-44.03	-21.2	-22.83
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46659G	4.40	-47.17	-47.17	-42.77	-27	-15.77
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	5.85489G	4.40	-45.48	-45.48	-41.08	-27	-14.08
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	4.40	-59.51	-59.51	-55.11	-41.2	-13.91
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.37136G	4.40	-59.54	-59.54	-55.14	-41.2	-13.94
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.33555G	4.40	-46.91	-46.91	-42.51	-27	-15.51
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.41446G	4.40	-47.84	-47.84	-43.44	-21.2	-22.24
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46166G	4.40	-46.77	-46.77	-42.37	-27	-15.37
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	6.98103G	4.40	-44.25	-44.25	-39.85	-27	-12.85

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **CSE Bandedge [PK]**

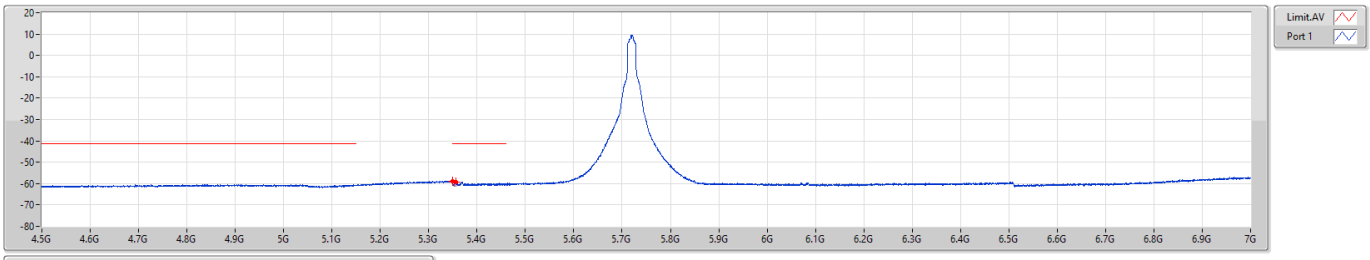
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.29603G	-48.04	-48.04
5.35G	5.46G	1M	PK	5.42304G	-48.43	-48.43
5.46G	5.47G	1M	PK	5.46659G	-47.17	-47.17
5.85G	7G	1M	PK	5.85489G	-45.48	-45.48

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **CSE Bandedge [AV]**

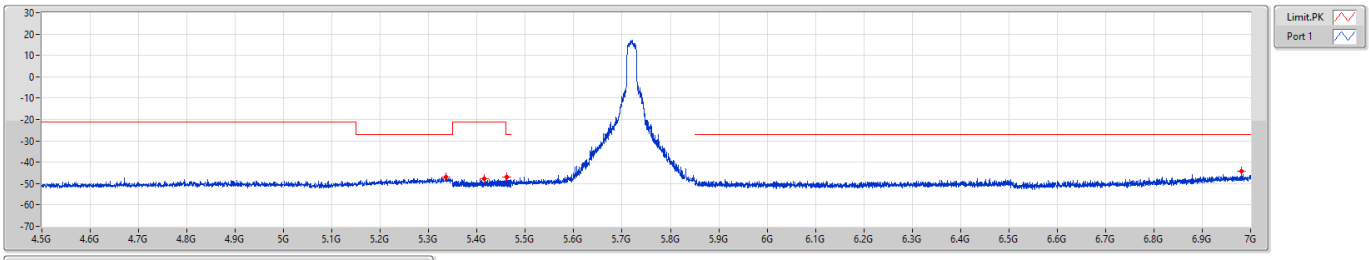
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.35G	-58.93	-58.93
5.35G	5.47G	1M	AV	5.35588G	-59.18	-59.18

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

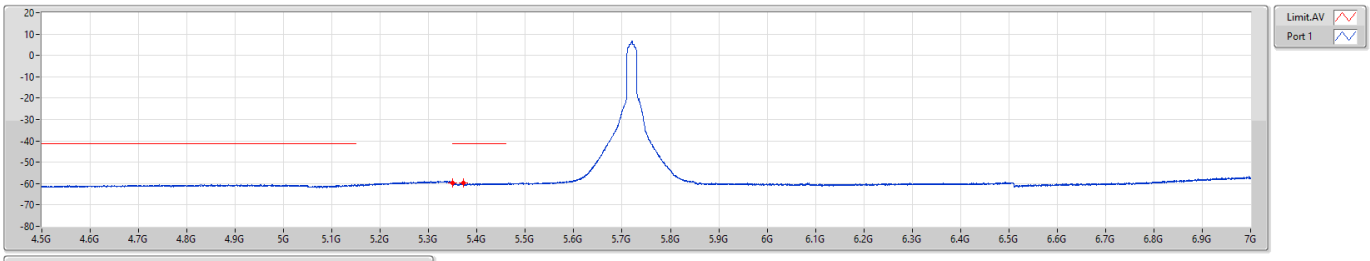
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.33555G	-46.91	-46.91
5.35G	5.46G	1M	PK	5.41446G	-47.84	-47.84
5.46G	5.47G	1M	PK	5.46166G	-46.77	-46.77
5.85G	7G	1M	PK	6.98103G	-44.25	-44.25

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.35G	-59.51	-59.51
5.35G	5.47G	1M	AV	5.37136G	-59.54	-59.54

full RU configuration

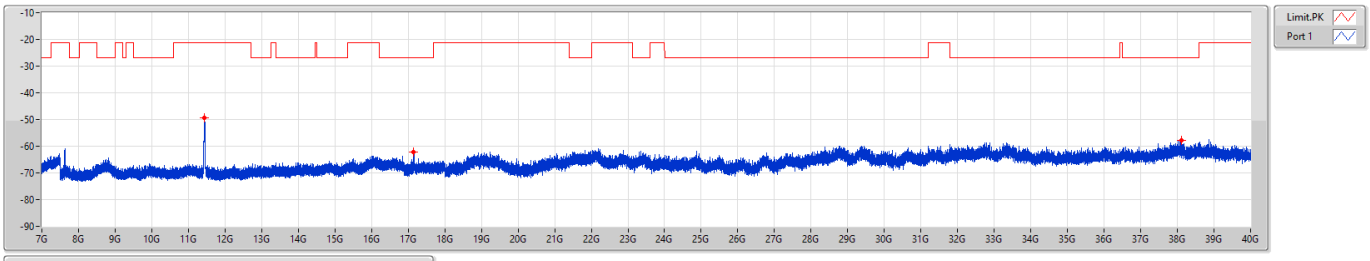
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.43988G	4.40	-59.10	-59.10	-54.70	-41.20	-13.50
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	4.40	-76.72	-76.72	-72.32	-41.20	-31.12
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.93575G	4.40	-67.73	-67.73	-63.33	-41.20	-22.13
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.43919G	4.40	-49.33	-49.33	-44.93	-21.20	-23.73
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.153G	4.40	-62.33	-62.33	-57.93	-27.00	-30.93
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	38.12175G	4.40	-57.80	-57.80	-53.40	-27.00	-26.40
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.44125G	4.40	-59.22	-59.22	-54.82	-41.20	-13.62
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	4.40	-76.22	-76.22	-71.82	-41.20	-30.62
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.61675G	4.40	-67.11	-67.11	-62.71	-41.20	-21.51
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.4385G	4.40	-50.34	-50.34	-45.94	-21.20	-24.74
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.16606G	4.40	-63.42	-63.42	-59.02	-27.00	-32.02
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	31.87444G	4.40	-58.54	-58.54	-54.14	-27.00	-27.14

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **CSE [PK]**

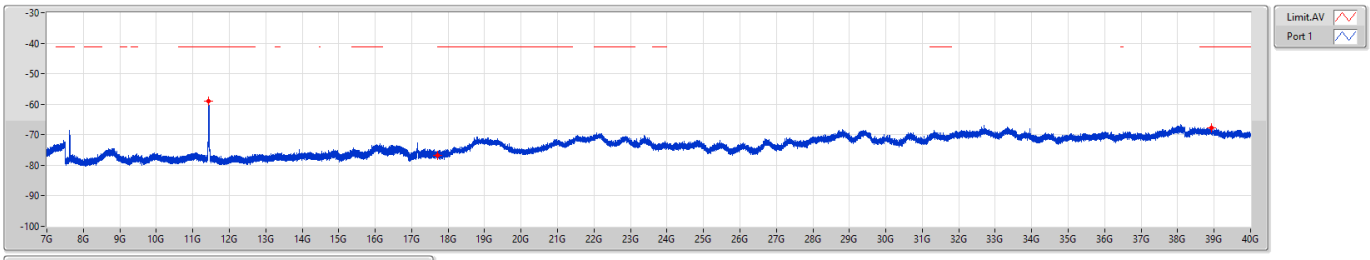
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	11.43919G	-49.33	-49.33
7G	18G	1M	PK	17.153G	-62.33	-62.33
18G	40G	1M	PK	38.12175G	-57.80	-57.80

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **CSE [AV]**

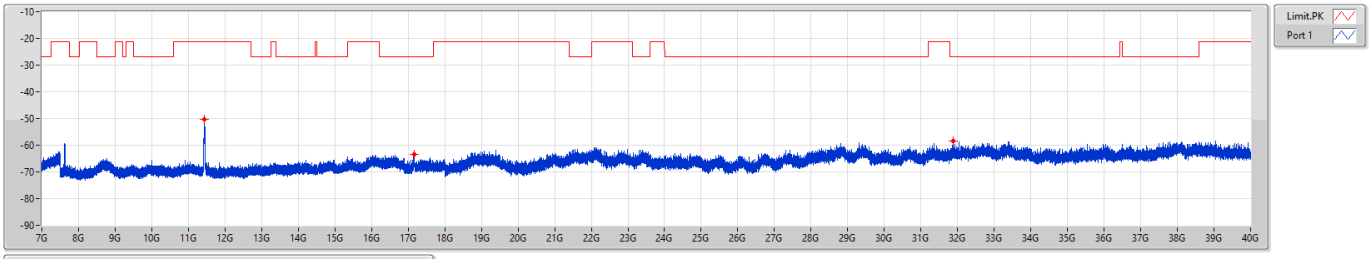
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	11.43988G	-59.10	-59.10
7G	18G	1M	AV	17.70025G	-76.72	-76.72
18G	40G	1M	AV	38.93575G	-67.73	-67.73

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **CSE [PK]**

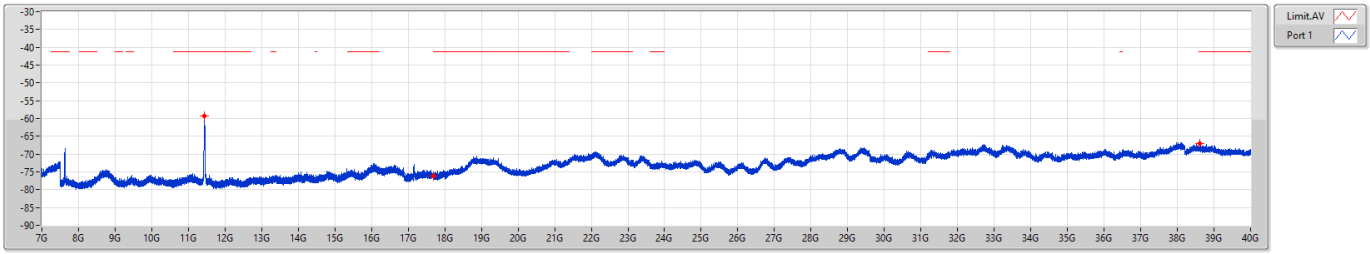
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	11.4385G	-50.34	-50.34
7G	18G	1M	PK	17.16606G	-63.42	-63.42
18G	40G	1M	PK	31.87444G	-58.54	-58.54

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **CSE [AV]**

5720MHz Straddle 5.47-5.725GHz



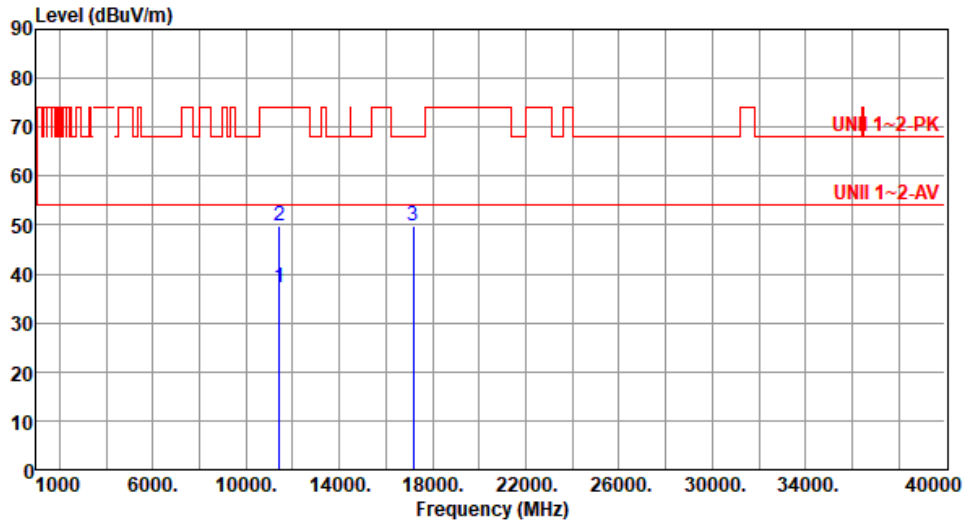
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	11.44125G	-59.22	-59.22
7G	18G	1M	AV	17.70025G	-76.22	-76.22
18G	40G	1M	AV	38.61675G	-67.11	-67.11

full RU configuration

Unwanted Emissions (Above 1GHz)

Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):63

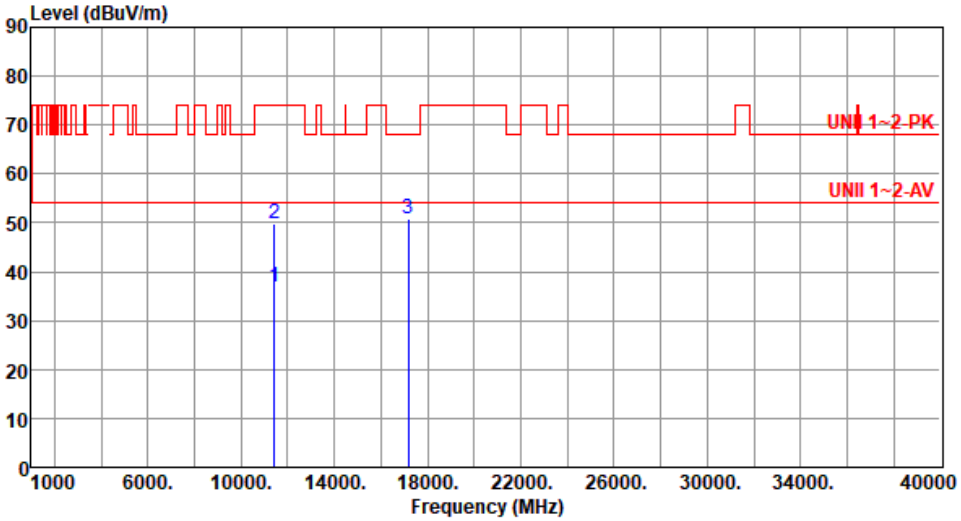


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	37.03	54.00	-16.97	27.88	9.15	Average	100	253
2	11440.00	49.95	74.00	-24.05	40.80	9.15	Peak	100	253
3	17160.00	49.81	68.20	-18.39	42.80	7.01	Peak	100	215

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*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)**	5720
Polarization	Vertical		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):63

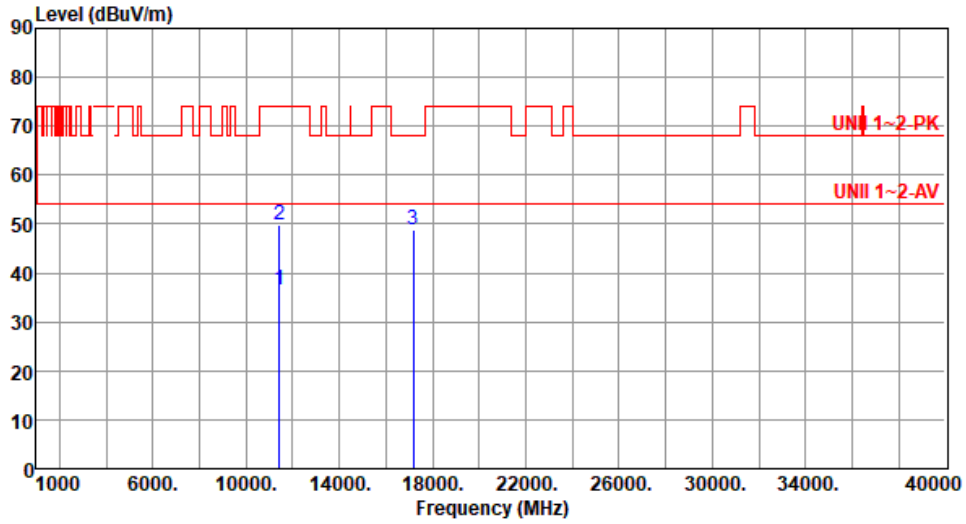


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	36.87	54.00	-17.13	27.72	9.15	Average	100	168
2	11440.00	49.71	74.00	-24.29	40.56	9.15	Peak	100	168
3	17160.00	50.85	68.20	-17.35	43.84	7.01	Peak	100	66

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

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5720
Polarization	Horizontal		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):63

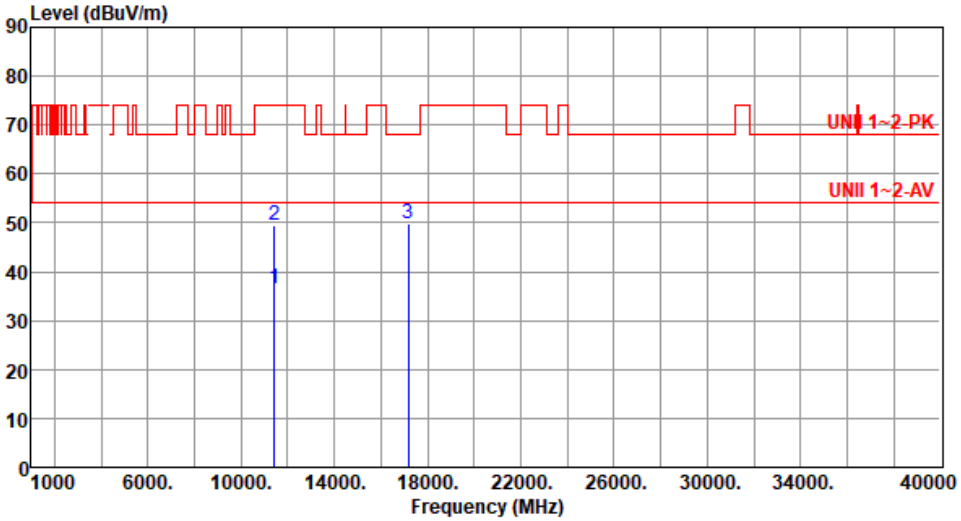


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	36.42	54.00	-17.58	27.27	9.15	Average	100	244
2	11440.00	49.77	74.00	-24.23	40.62	9.15	Peak	100	244
3	17160.00	48.72	68.20	-19.48	41.71	7.01	Peak	100	221

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

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5720
Polarization	Vertical		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):63



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	36.49	54.00	-17.51	27.34	9.15	Average	100	170
2	11440.00	49.59	74.00	-24.41	40.44	9.15	Peak	100	170
3	17160.00	49.82	68.20	-18.38	42.81	7.01	Peak	100	57

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

partial RU configuration

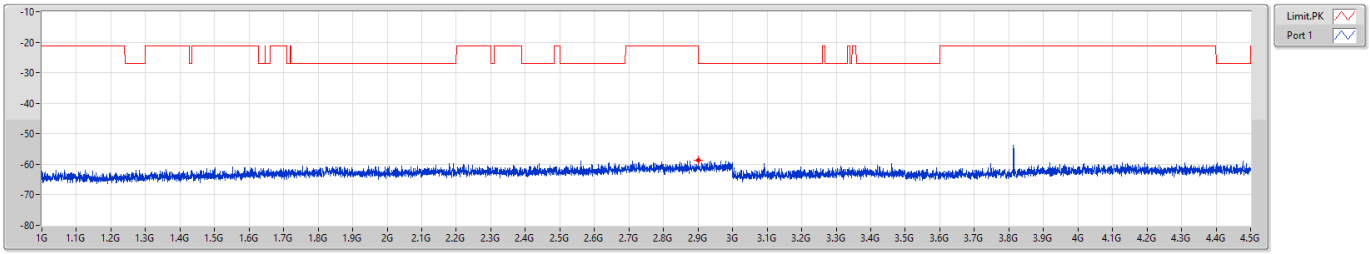
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	3.81356G	4.40	-56.26	-56.26	-51.86	-41.20	-10.66
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	2.90006G	4.40	-58.59	-58.59	-54.19	-27.00	-27.19
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	3.81356G	4.40	-56.49	-56.49	-52.09	-41.20	-10.89
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	2.92325G	4.40	-59.19	-59.19	-54.79	-27.00	-27.79
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	3.81356G	4.40	-56.19	-56.19	-51.79	-41.20	-10.59
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	2.95606G	4.40	-58.47	-58.47	-54.07	-27.00	-27.07

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE Other [PK]**

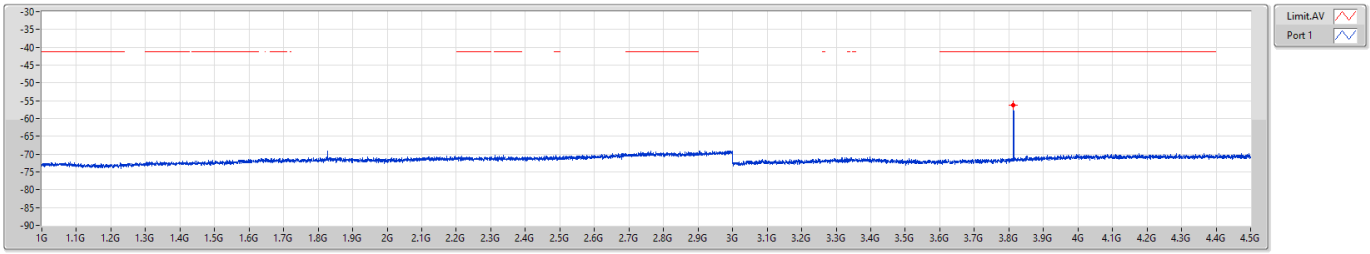
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	2.90006G	-58.59	-58.59

5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE Other [AV]**

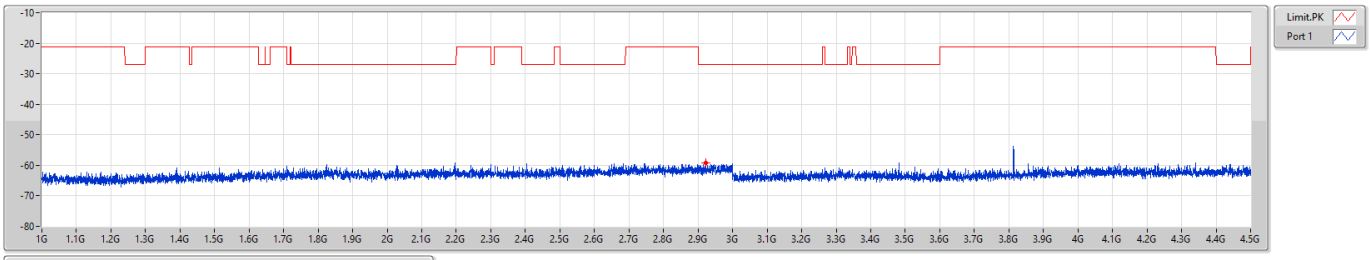
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.81356G	-56.26	-56.26

5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE Other [PK]**

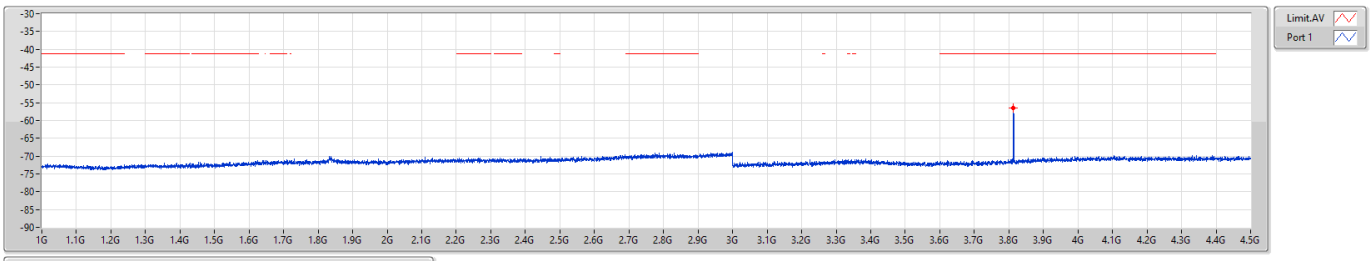
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	2.92325G	-59.19	-59.19

5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE Other [AV]**

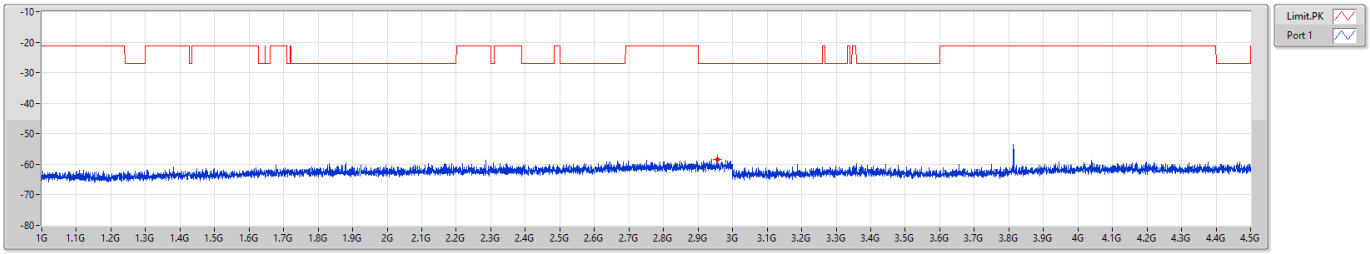
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.81356G	-56.49	-56.49

5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Other [PK]**

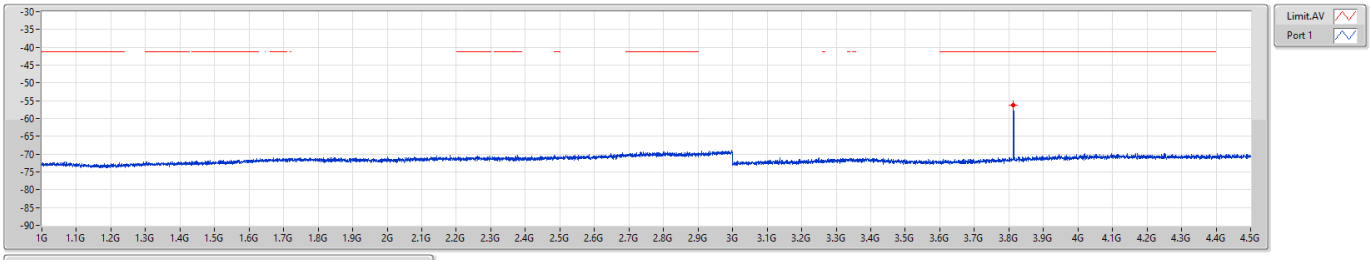
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	2.95606G	-58.47	-58.47

5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Other [AV]**

5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.81356G	-56.19	-56.19

partial RU configuration

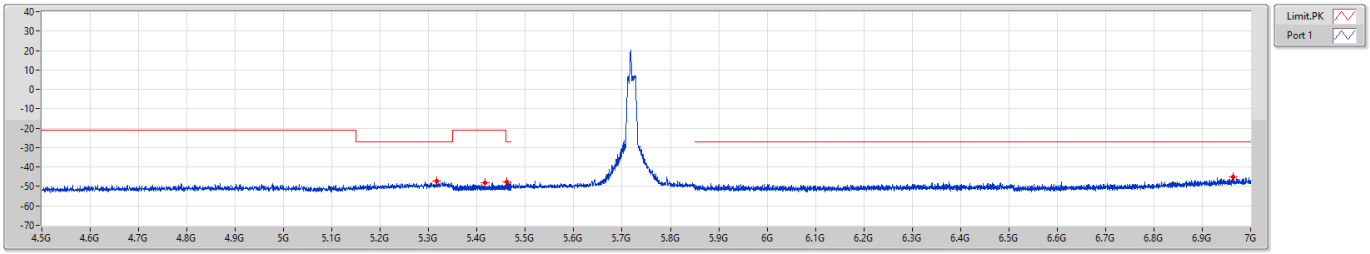
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	4.40	-59.15	-59.15	-54.75	-41.2	-13.55
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.4172G	4.40	-59.99	-59.99	-55.59	-41.2	-14.39
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.316G	4.40	-47.43	-47.43	-43.03	-27	-16.03
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.41644G	4.40	-47.91	-47.91	-43.51	-21.2	-22.31
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46109G	4.40	-47.84	-47.84	-43.44	-27	-16.44
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	6.96349G	4.40	-45.28	-45.28	-40.88	-27	-13.88
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	4.40	-59.1	-59.1	-54.70	-41.2	-13.50
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.35936G	4.40	-59.98	-59.98	-55.58	-41.2	-14.38
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.33853G	4.40	-46.74	-46.74	-42.34	-27	-15.34
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.3577G	4.40	-47.74	-47.74	-43.34	-21.2	-22.14
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46154G	4.40	-46.99	-46.99	-42.59	-27	-15.59
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	6.91059G	4.40	-45.14	-45.14	-40.74	-27	-13.74
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	4.40	-59	-59	-54.60	-41.2	-13.40
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.35372G	4.40	-58.85	-58.85	-54.45	-41.2	-13.25
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.24205G	4.40	-47.12	-47.12	-42.72	-27	-15.72
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.35781G	4.40	-47.83	-47.83	-43.43	-21.2	-22.23
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.4636G	4.40	-46.77	-46.77	-42.37	-27	-15.37
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	6.90426G	4.40	-45.61	-45.61	-41.21	-27	-14.21

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

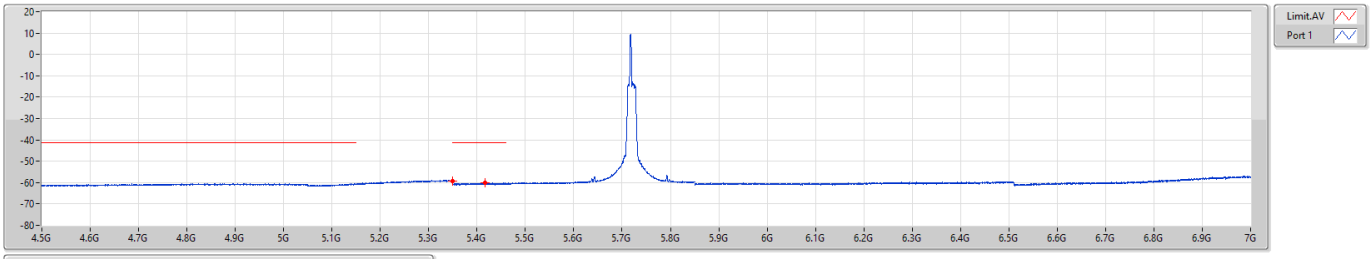
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.316G	-47.43	-47.43
5.35G	5.46G	1M	PK	5.41644G	-47.91	-47.91
5.46G	5.47G	1M	PK	5.46109G	-47.84	-47.84
5.85G	7G	1M	PK	6.96349G	-45.28	-45.28

5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

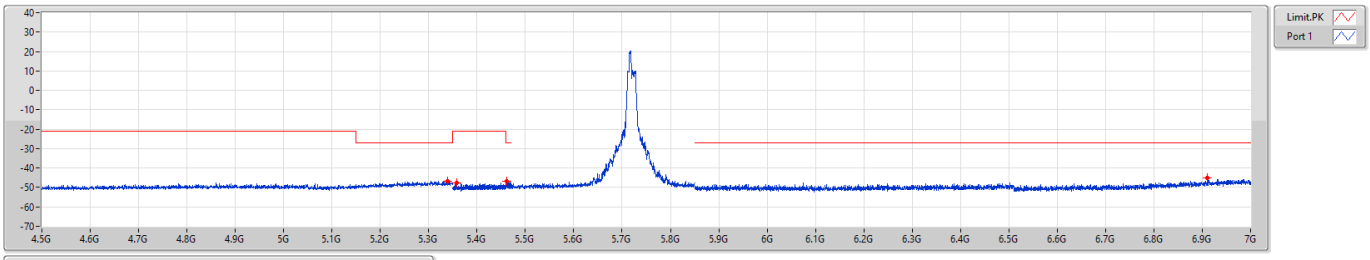
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.35G	-59.15	-59.15
5.35G	5.47G	1M	AV	5.4172G	-59.99	-59.99

5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

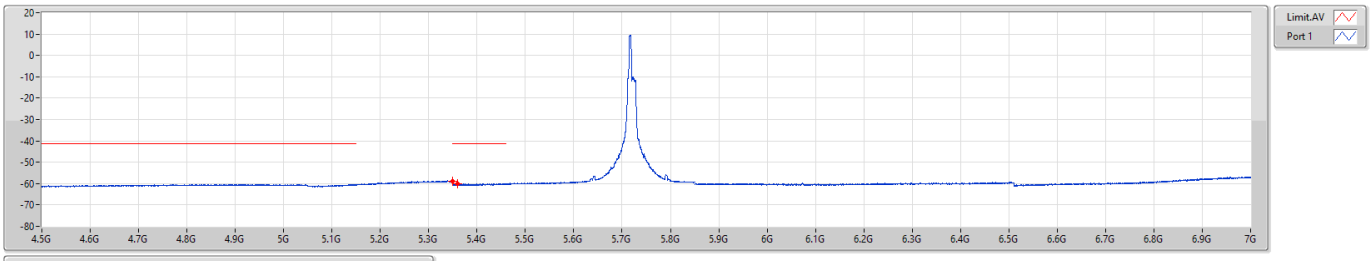
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.33853G	-46.74	-46.74
5.35G	5.46G	1M	PK	5.3577G	-47.74	-47.74
5.46G	5.47G	1M	PK	5.46154G	-46.99	-46.99
5.85G	7G	1M	PK	6.91059G	-45.14	-45.14

5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

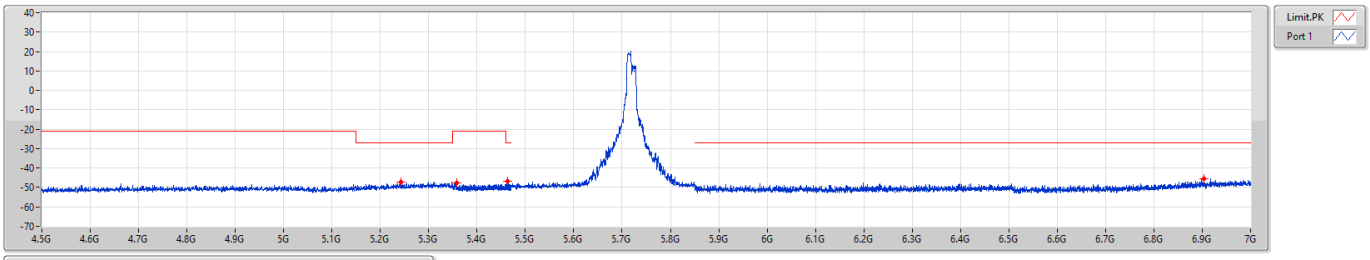
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.35G	-59.10	-59.10
5.35G	5.47G	1M	AV	5.35936G	-59.98	-59.98

5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [PK]**

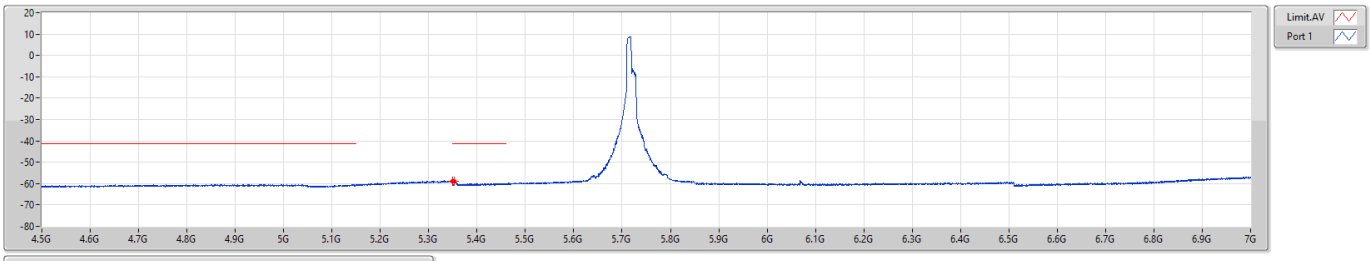
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.24205G	-47.12	-47.12
5.35G	5.46G	1M	PK	5.35781G	-47.83	-47.83
5.46G	5.47G	1M	PK	5.4636G	-46.77	-46.77
5.85G	7G	1M	PK	6.90426G	-45.61	-45.61

5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE Bandedge [AV]**

5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.35G	-59.00	-59.00
5.35G	5.47G	1M	AV	5.35372G	-58.85	-58.85

partial RU configuration

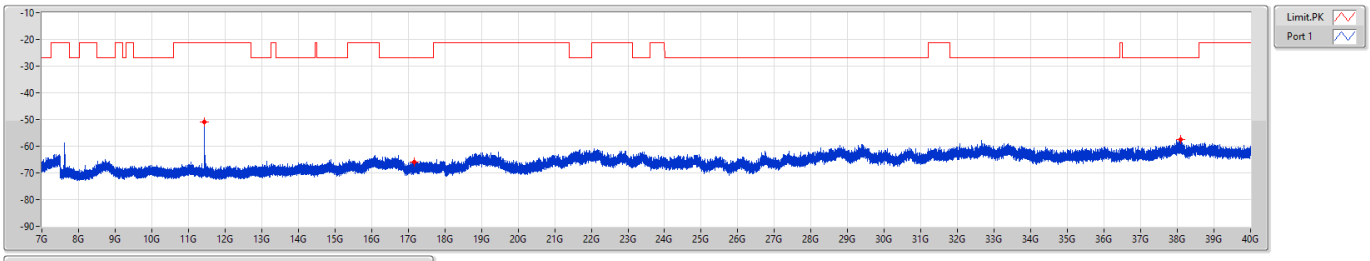
Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.43541G	4.40	-60.11	-60.11	-55.71	-41.2	-14.51
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	4.40	-76.52	-76.52	-72.12	-41.2	-30.92
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.99625G	4.40	-67.27	-67.27	-62.87	-41.2	-21.67
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.43506G	4.40	-50.83	-50.83	-46.43	-21.2	-25.23
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.16159G	4.40	-65.95	-65.95	-61.55	-27	-34.55
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	38.08738G	4.40	-57.59	-57.59	-53.19	-27	-26.19
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.43403G	4.40	-60.07	-60.07	-55.67	-41.2	-14.47
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	4.40	-76.82	-76.82	-72.42	-41.2	-31.22
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.78038G	4.40	-67.76	-67.76	-63.36	-41.2	-22.16
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.43369G	4.40	-49.59	-49.59	-45.19	-21.2	-23.99
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.15231G	4.40	-66.03	-66.03	-61.63	-27	-34.63
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	38.09425G	4.40	-57.12	-57.12	-52.72	-27	-25.72
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.42888G	4.40	-59.73	-59.73	-55.33	-41.2	-14.13
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	11.43059G	4.40	-59.73	-59.73	-55.33	-41.2	-14.13
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	AV	17.70025G	4.40	-75.88	-75.88	-71.48	-41.2	-30.28
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.7405G	4.40	-67.7	-67.7	-63.30	-41.2	-22.10
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	11.43163G	4.40	-49.8	-49.8	-45.40	-21.2	-24.20
5720MHz Straddle 5.47-5.725GHz	Pass	7G	18G	PK	17.14613G	4.40	-64.9	-64.9	-60.50	-27	-33.50
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	38.37406G	4.40	-57.57	-57.57	-53.17	-27	-26.17

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

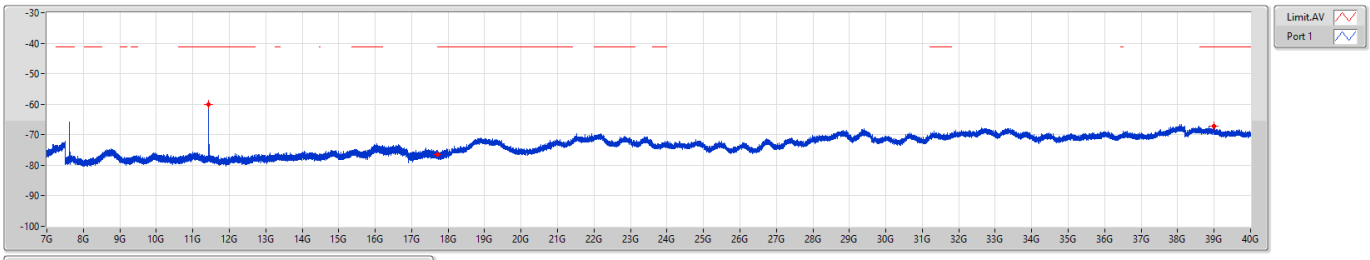
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	11.43506G	-50.83	-50.83
7G	18G	1M	PK	17.16159G	-65.95	-65.95
18G	40G	1M	PK	38.08738G	-57.59	-57.59

5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

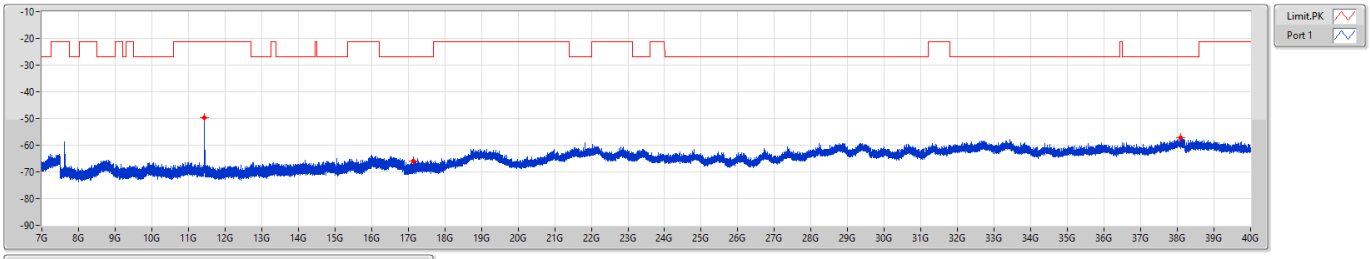
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	11.43541G	-60.11	-60.11
7G	18G	1M	AV	17.70025G	-76.52	-76.52
18G	40G	1M	AV	38.99625G	-67.27	-67.27

5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

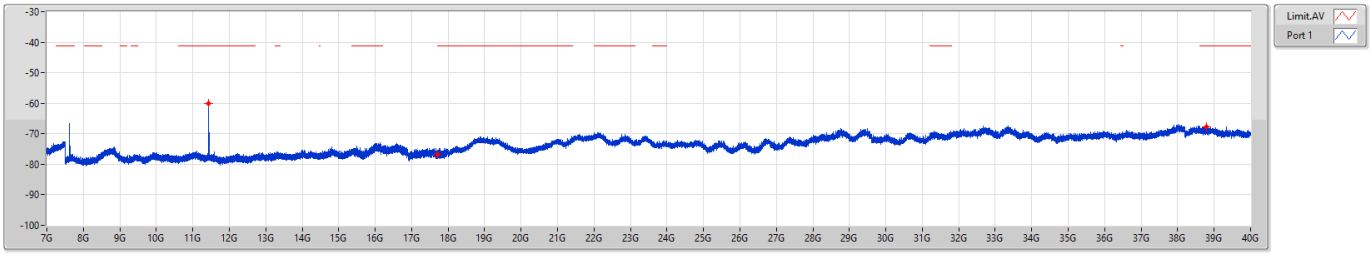
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	11.43369G	-49.59	-49.59
7G	18G	1M	PK	17.15231G	-66.03	-66.03
18G	40G	1M	PK	38.09425G	-57.12	-57.12

5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

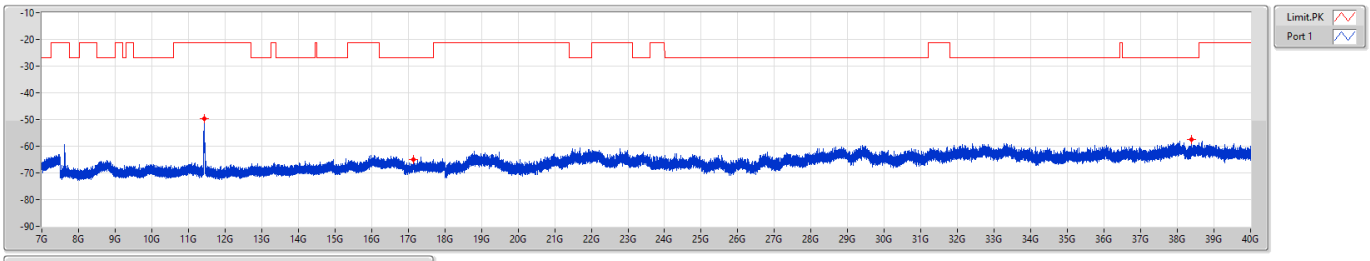
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	11.43403G	-60.07	-60.07
7G	18G	1M	AV	17.70025G	-76.82	-76.82
18G	40G	1M	AV	38.78038G	-67.76	-67.76

5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE [PK]**

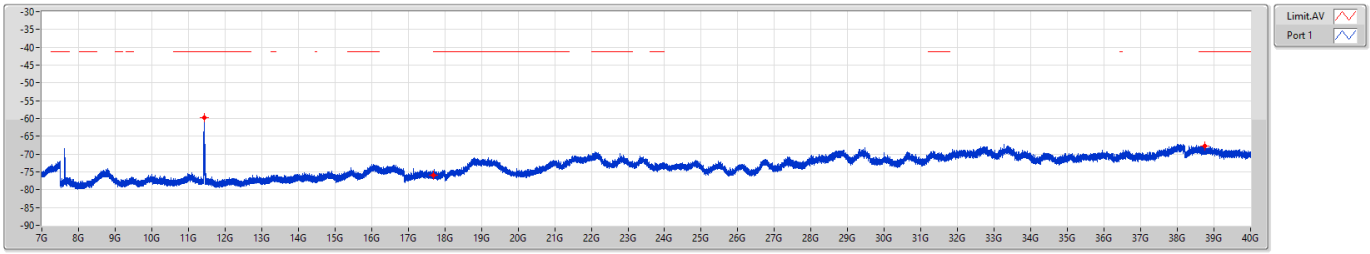
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	11.43163G	-49.80	-49.80
7G	18G	1M	PK	17.14613G	-64.90	-64.90
18G	40G	1M	PK	38.37406G	-57.57	-57.57

5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **CSE [AV]**

5720MHz Straddle 5.47-5.725GHz

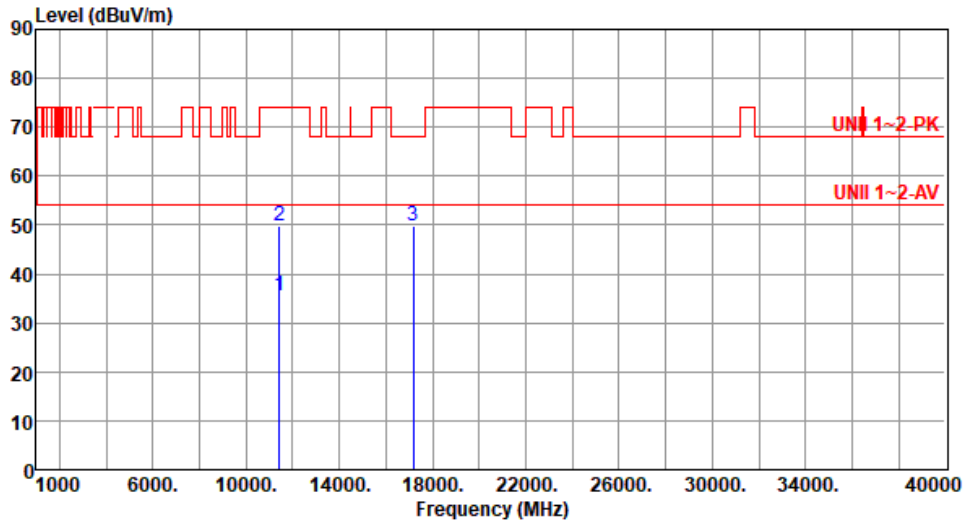


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	11.42888G	-59.73	-59.73
7G	18G	1M	AV	11.43059G	-59.73	-59.73
7G	18G	1M	AV	17.70025G	-75.88	-75.88
18G	40G	1M	AV	38.7405G	-67.70	-67.70

partial RU configuration
Unwanted Emissions (Above 1GHz)

Modulation	ax HE20-OFDMA RU26	**Test Freq. (MHz)**	5720
Polarization	Horizontal		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):63

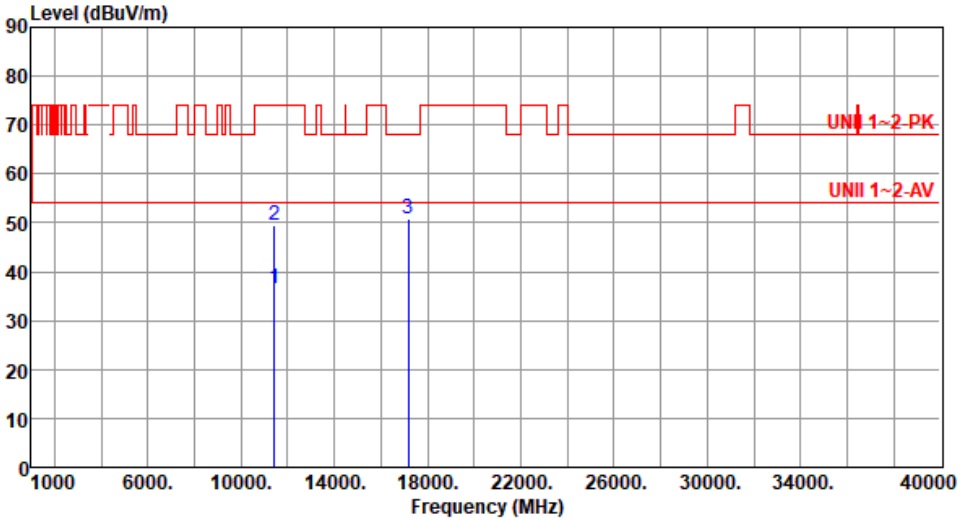


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	35.42	54.00	-18.58	26.27	9.15	Average	100	139
2	11440.00	49.77	74.00	-24.23	40.62	9.15	Peak	100	139
3	17160.00	49.72	68.20	-18.48	42.71	7.01	Peak	100	359

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

Modulation	ax HE20-OFDMA RU26	**Test Freq. (MHz)**	5720
Polarization	Vertical		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):63

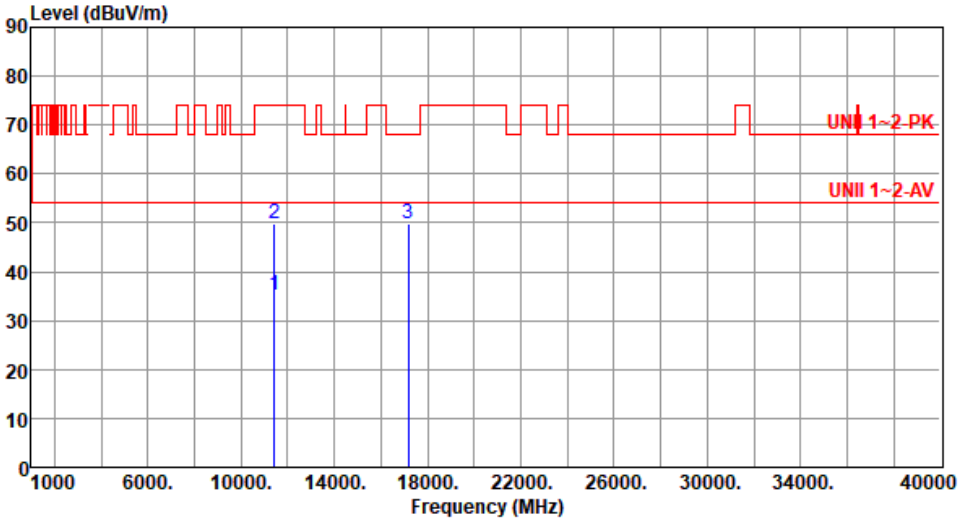


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	36.49	54.00	-17.51	27.34	9.15	Average	100	273
2	11440.00	49.59	74.00	-24.41	40.44	9.15	Peak	100	273
3	17160.00	50.82	68.20	-17.38	43.81	7.01	Peak	100	350

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

Modulation	ax HE20-OFDMA RU52	**Test Freq. (MHz)**	5720
Polarization	Horizontal		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):63

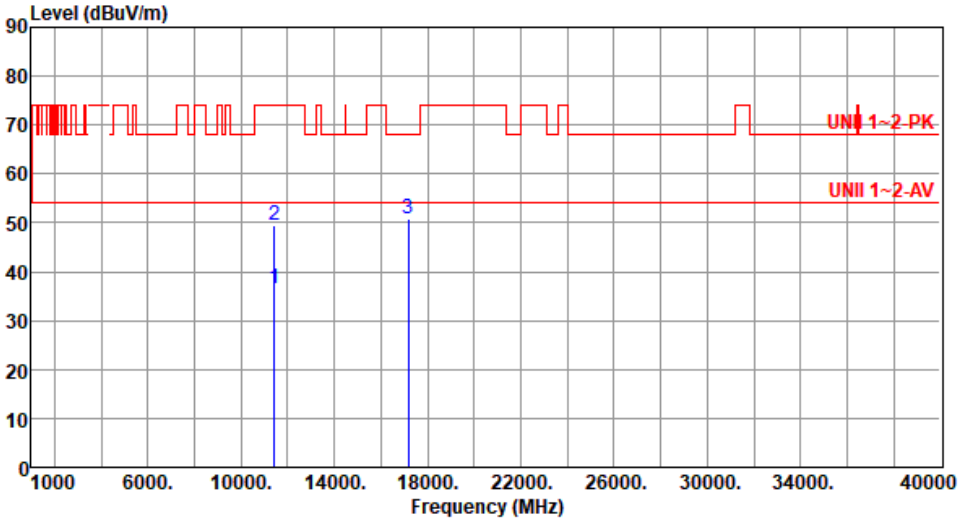


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	35.33	54.00	-18.67	26.18	9.15	Average	100	145
2	11440.00	49.73	74.00	-24.27	40.58	9.15	Peak	100	145
3	17160.00	49.70	68.20	-18.50	42.69	7.01	Peak	100	353

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

Modulation	ax HE20-OFDMA RU52	**Test Freq. (MHz)**	5720
Polarization	Vertical		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):63

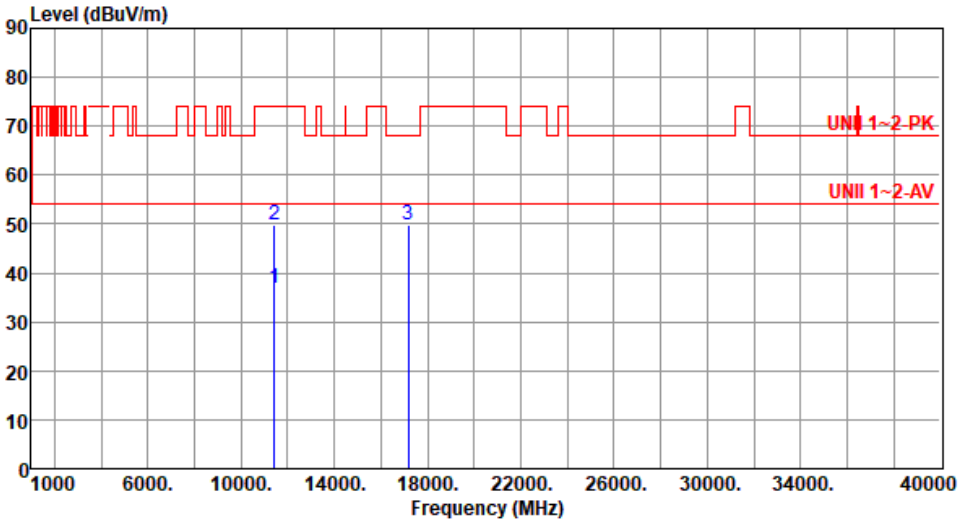


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	36.44	54.00	-17.56	27.29	9.15	Average	100	289
2	11440.00	49.61	74.00	-24.39	40.46	9.15	Peak	100	289
3	17160.00	50.80	68.20	-17.40	43.79	7.01	Peak	100	348

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

Modulation	ax HE20-OFDMA RU106	**Test Freq. (MHz)**	5720
Polarization	Horizontal		

Test By :Akun Chung- Temperature(℃):22 Humidity(%):66

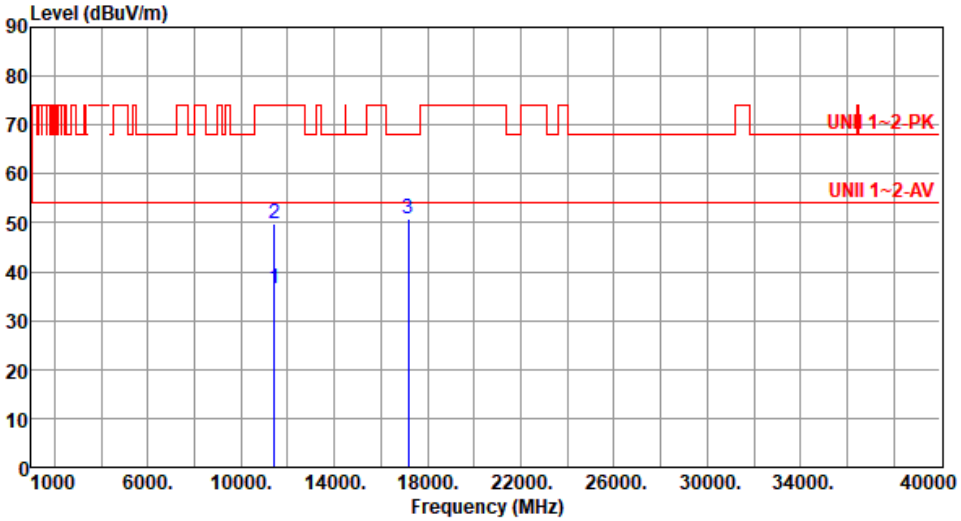


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	36.75	54.00	-17.25	27.60	9.15	Average	100	299
2	11440.00	49.80	74.00	-24.20	40.65	9.15	Peak	100	299
3	17160.00	49.72	68.20	-18.48	42.71	7.01	Peak	100	280

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

Modulation	ax HE20-OFDMA RU106	**Test Freq. (MHz)**	5720
Polarization	Vertical		

Test By :Akun Chung- Temperature(℃):22 Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	36.48	54.00	-17.52	27.33	9.15	Average	100	206
2	11440.00	49.81	74.00	-24.19	40.66	9.15	Peak	100	206
3	17160.00	50.89	68.20	-17.31	43.88	7.01	Peak	100	258

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

full RU configuration

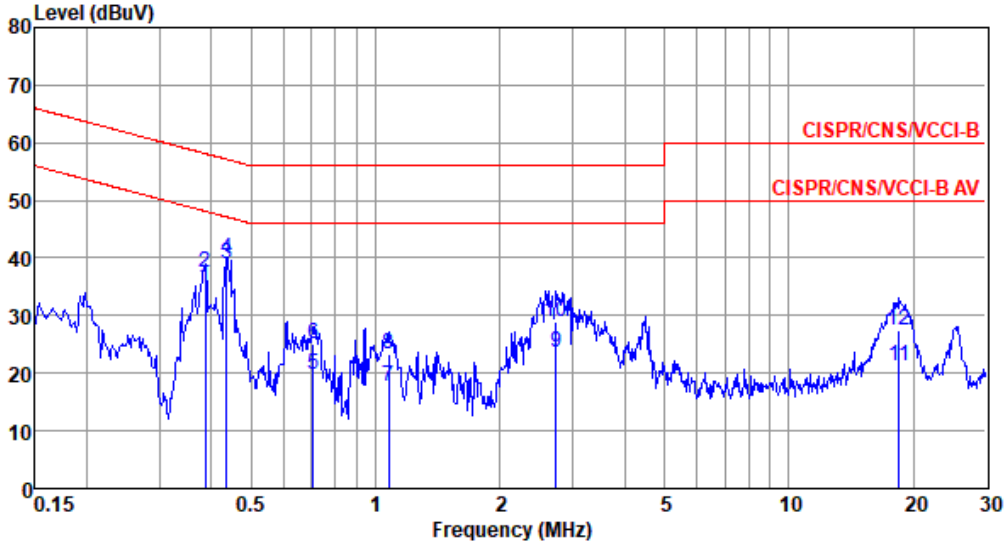
Frequency: 5785 MHz	Frequency Drift (ppm			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	-6.25	-6.30	-6.02	-5.87
T20°CVmin	-6.36	-5.91	-6.51	-5.73
T85°CVnom	8.89	9.28	9.13	8.92
T80°CVnom	6.87	7.64	6.96	6.68
T70°CVnom	4.46	4.77	5.05	4.95
T60°CVnom	2.07	2.03	2.05	2.35
T50°CVnom	-0.68	-0.51	-0.21	-0.03
T40°CVnom	-2.42	-2.00	-2.31	-1.87
T30°CVnom	-4.33	-4.16	-4.60	-3.71
T20°CVnom	-5.80	-6.03	-5.91	-5.16
T10°CVnom	-6.56	-6.09	-6.50	-6.10
T0°CVnom	-7.53	-7.20	-7.01	-7.17
T-10°CVnom	-9.63	-9.59	-9.29	-9.32
T-20°CVnom	-10.49	-10.19	-10.54	-10.86
T-30°CVnom	-11.83	-11.97	-11.86	-11.60
T-40°CVnom	-12.35	-12.19	-11.77	-12.36

Vnom [V]: 3.3	Vmax [V]: 3.6	Vmin [V]: 3
Tnom [˚C]: 20	Tmax [˚C]: 85	Tmin [˚C]: -40

full RU configuration

Modulation Mode	11a	**Test Freq. (MHz)**	5720
Power Phase	Line		

Test by : Akun Chung Temperature: 24℃ Humidity: 65%

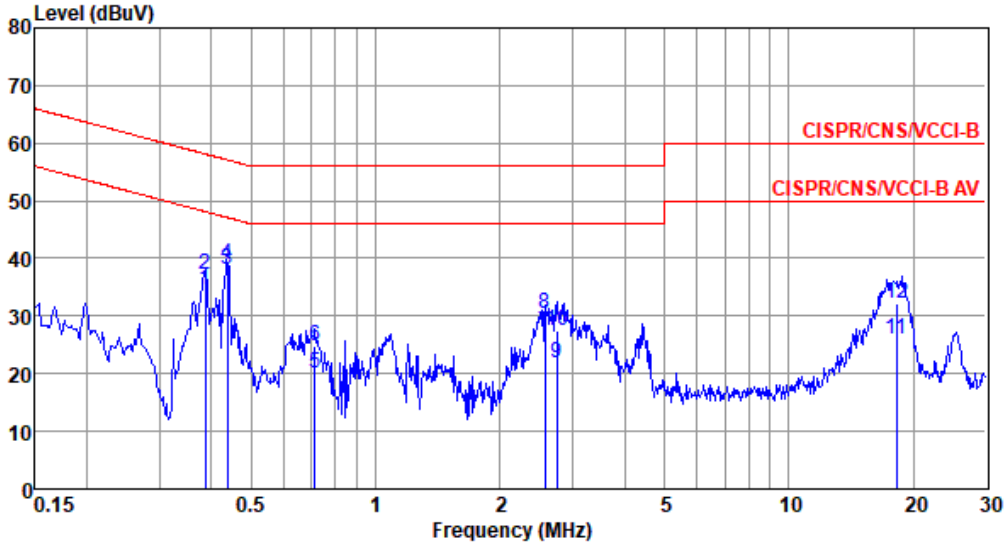


	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.387	34.83	48.12	-13.29	25.15	9.64	0.04	0.00	Average
2	0.387	37.63	58.12	-20.49	27.95	9.64	0.04	0.00	QP
3*	0.436	39.01	47.14	-8.13	29.33	9.64	0.04	0.00	Average
4	0.436	39.81	57.14	-17.33	30.13	9.64	0.04	0.00	QP
5	0.705	19.87	46.00	-26.13	10.17	9.65	0.05	0.00	Average
6	0.705	25.08	56.00	-30.92	15.38	9.65	0.05	0.00	QP
7	1.077	17.74	46.00	-28.26	8.03	9.65	0.06	0.00	Average
8	1.077	23.40	56.00	-32.60	13.69	9.65	0.06	0.00	QP
9	2.736	23.64	46.00	-22.36	13.86	9.66	0.12	0.00	Average
10	2.736	29.03	56.00	-26.97	19.25	9.66	0.12	0.00	QP
11	18.524	21.11	50.00	-28.89	11.12	9.69	0.30	0.00	Average
12	18.524	27.38	60.00	-32.62	17.39	9.69	0.30	0.00	QP

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

Modulation Mode	11a	**Test Freq. (MHz)**	5720
Power Phase	Neutral		

Test by : Akun Chung Temperature: 24°C Humidity: 65%



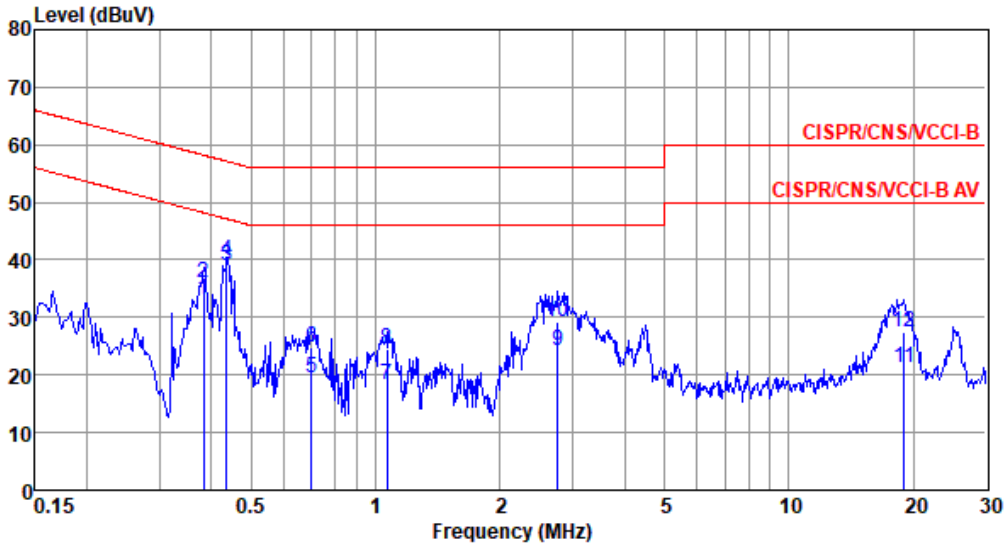
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.387	34.40	48.12	-13.72	24.73	9.63	0.04	0.00	Average
2	0.387	37.17	58.12	-20.95	27.50	9.63	0.04	0.00	QP
3*	0.437	38.15	47.11	-8.96	28.48	9.63	0.04	0.00	Average
4	0.437	39.03	57.11	-18.08	29.36	9.63	0.04	0.00	QP
5	0.712	20.13	46.00	-25.87	10.44	9.64	0.05	0.00	Average
6	0.712	24.94	56.00	-31.06	15.25	9.64	0.05	0.00	QP
7	2.567	27.17	46.00	-18.83	17.41	9.65	0.11	0.00	Average
8	2.567	30.51	56.00	-25.49	20.75	9.65	0.11	0.00	QP
9	2.750	21.85	46.00	-24.15	12.08	9.65	0.12	0.00	Average
10	2.750	27.50	56.00	-28.50	17.73	9.65	0.12	0.00	QP
11	18.232	25.84	50.00	-24.16	15.77	9.78	0.29	0.00	Average
12	18.232	32.10	60.00	-27.90	22.03	9.78	0.29	0.00	QP

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

partial RU configuration

Modulation Mode	ax HE20-OFDMA RU106	**Test Freq. (MHz)**	5720
Power Phase	Line		

Test by : Akun Chung Temperature: 24℃ Humidity: 65%

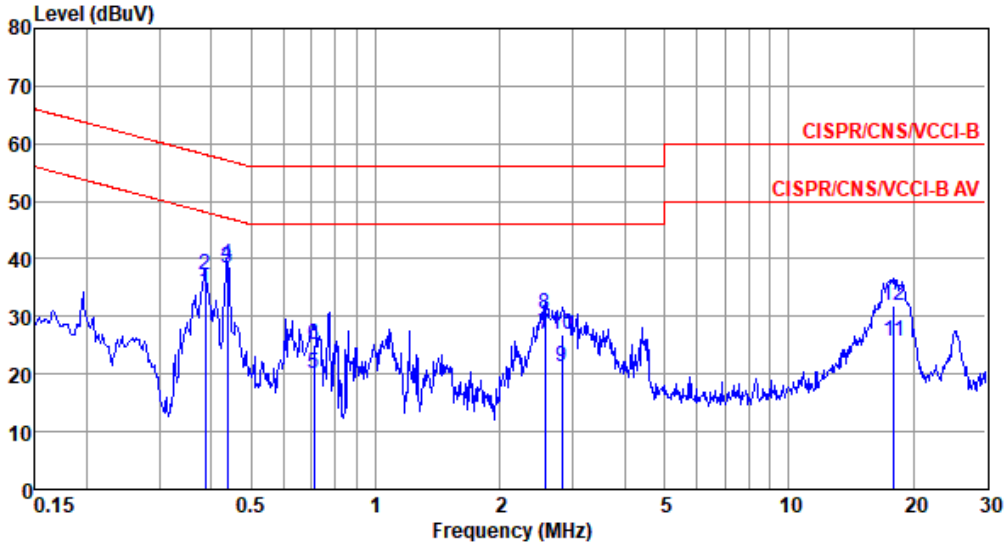


	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.383	33.07	48.21	-15.14	23.39	9.64	0.04	0.00	Average
2	0.383	36.12	58.21	-22.09	26.44	9.64	0.04	0.00	QP
3*	0.436	39.05	47.14	-8.09	29.37	9.64	0.04	0.00	Average
4	0.436	39.85	57.14	-17.29	30.17	9.64	0.04	0.00	QP
5	0.701	19.50	46.00	-26.50	9.80	9.65	0.05	0.00	Average
6	0.701	24.77	56.00	-31.23	15.07	9.65	0.05	0.00	QP
7	1.065	18.39	46.00	-27.61	8.68	9.65	0.06	0.00	Average
8	1.065	24.57	56.00	-31.43	14.86	9.65	0.06	0.00	QP
9	2.765	24.11	46.00	-21.89	14.33	9.66	0.12	0.00	Average
10	2.765	29.34	56.00	-26.66	19.56	9.66	0.12	0.00	QP
11	19.021	21.13	50.00	-28.87	11.14	9.69	0.30	0.00	Average
12	19.021	27.34	60.00	-32.66	17.35	9.69	0.30	0.00	QP

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

Modulation Mode	ax HE20-OFDMA RU106	**Test Freq. (MHz)**	5720
Power Phase	Neutral		

Test by : Akun Chung Temperature: 24°C Humidity: 65%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.387	34.29	48.12	-13.83	24.62	9.63	0.04	0.00	Average
2	0.387	37.19	58.12	-20.93	27.52	9.63	0.04	0.00	QP
3*	0.437	38.23	47.11	-8.88	28.56	9.63	0.04	0.00	Average
4	0.437	39.09	57.11	-18.02	29.42	9.63	0.04	0.00	QP
5	0.708	19.96	46.00	-26.04	10.27	9.64	0.05	0.00	Average
6	0.708	25.07	56.00	-30.93	15.38	9.64	0.05	0.00	QP
7	2.567	26.98	46.00	-19.02	17.22	9.65	0.11	0.00	Average
8	2.567	30.54	56.00	-25.46	20.78	9.65	0.11	0.00	QP
9	2.824	21.36	46.00	-24.64	11.59	9.65	0.12	0.00	Average
10	2.824	26.92	56.00	-29.08	17.15	9.65	0.12	0.00	QP
11	17.944	25.61	50.00	-24.39	15.54	9.78	0.29	0.00	Average
12	17.944	31.89	60.00	-28.11	21.82	9.78	0.29	0.00	QP

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

full RU configuration Summary

Mode	Result	Limit (Hz)	fl-OBW (Hz)	fh-OBW (Hz)	OBW (Hz)	N dB (Hz)
5.725-5.875GHz	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.725-5.85G	5.736407G	5.833521G	17.288M	16.43M
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	Pass	5.725-5.85G	5.735328G	5.834918G	20.509M	19.08M

fl-OBW = fl lower edge 99% occupied bandwidth; fh-OBW = fh higher edge 99% occupied bandwidth; OBW = 99% occupied bandwidth;
N dB = 6dB down bandwidth

Result

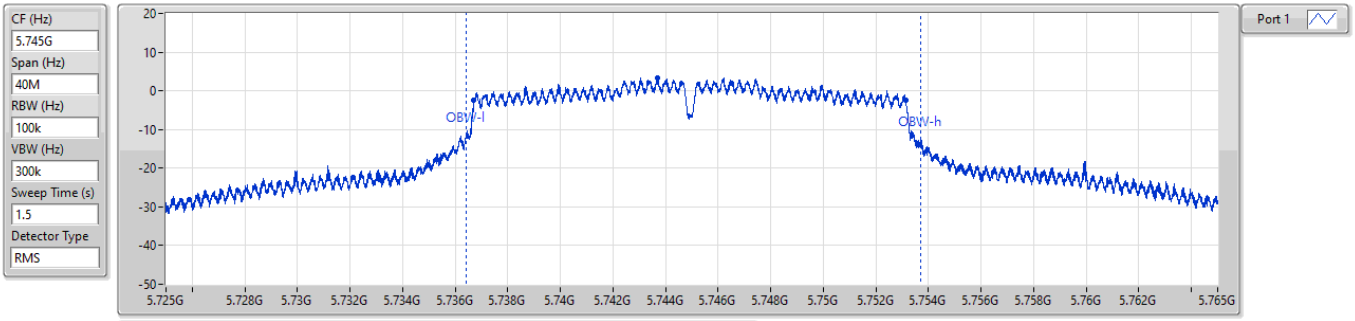
Mode	Result	Limit (Hz)	fl-OBW (Hz)	fh-OBW (Hz)	OBW (Hz)	N dB (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5745MHz_TnomVnom	Pass	5.725-5.85G	5.736407G	5.753694G	17.288M	16.43M
5785MHz_TnomVnom	Pass	5.725-5.85G	5.776625G	5.793427G	16.802M	16.41M
5825MHz_TnomVnom	Pass	5.725-5.85G	5.816586G	5.833521G	16.935M	16.405M
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5745MHz_TnomVnom	Pass	5.725-5.85G	5.735328G	5.755483G	20.155M	19.075M
5785MHz_TnomVnom	Pass	5.725-5.85G	5.77527G	5.795778G	20.509M	19.08M
5825MHz_TnomVnom	Pass	5.725-5.85G	5.815367G	5.834918G	19.551M	19.07M

fl-OBW = fl lower edge 99% occupied bandwidth; fh-OBW = fh higher edge 99% occupied bandwidth; OBW = 99% occupied bandwidth;
N dB = 6dB down bandwidth

5.725-5.875GHz_802.11a_Nss1,(6Mbps)_1TX **Operating Freq**

5745MHz_TnomVnom

17/02/2026

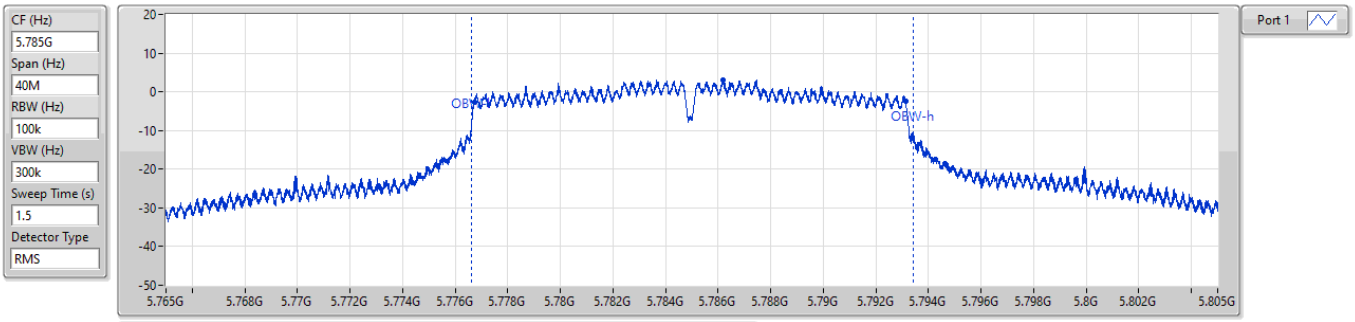


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.43M	5.7367G	5.75313G	17.288M	5.736407G	5.753694G	5.725-5.85G	1

5.725-5.875GHz_802.11a_Nss1,(6Mbps)_1TX **Operating Freq**

5785MHz_TnomVnom

17/02/2026

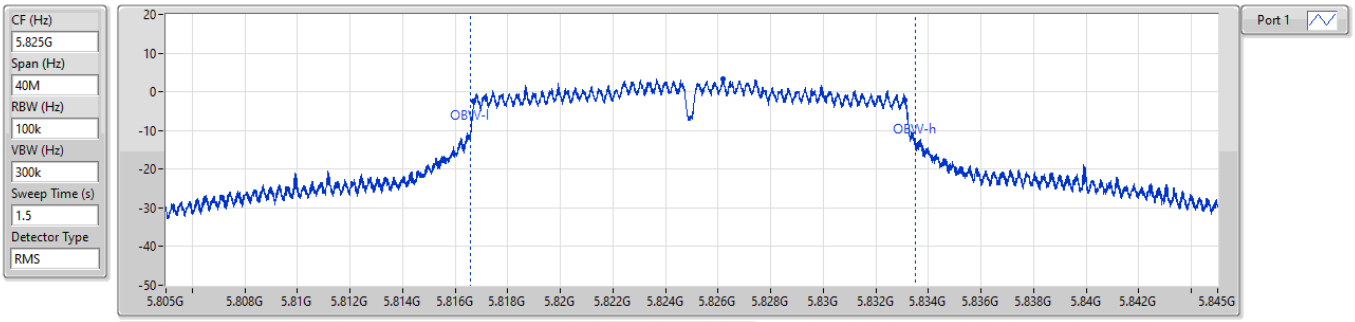


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.41M	5.77672G	5.79313G	16.802M	5.776625G	5.793427G	5.725-5.85G	1

5.725-5.875GHz_802.11a_Nss1,(6Mbps)_1TX **Operating Freq**

5825MHz_TnomVnom

17/02/2026

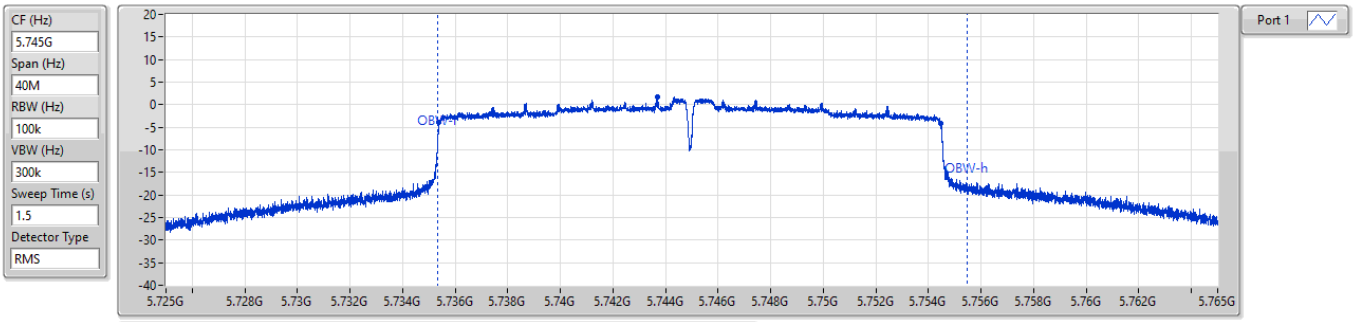


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.405M	5.81671G	5.833115G	16.935M	5.816586G	5.833521G	5.725-5.85G	1

5.725-5.875GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX **Operating Freq**

5745MHz_TnomVnom

17/02/2026

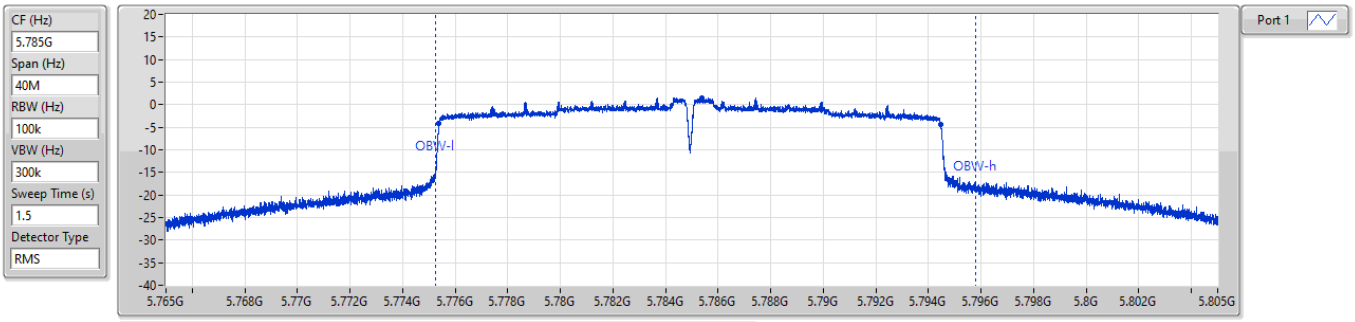


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.075M	5.735385G	5.75446G	20.155M	5.735328G	5.755483G	5.725-5.85G	1

5.725-5.875GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX **Operating Freq**

5785MHz_TnomVnom

17/02/2026

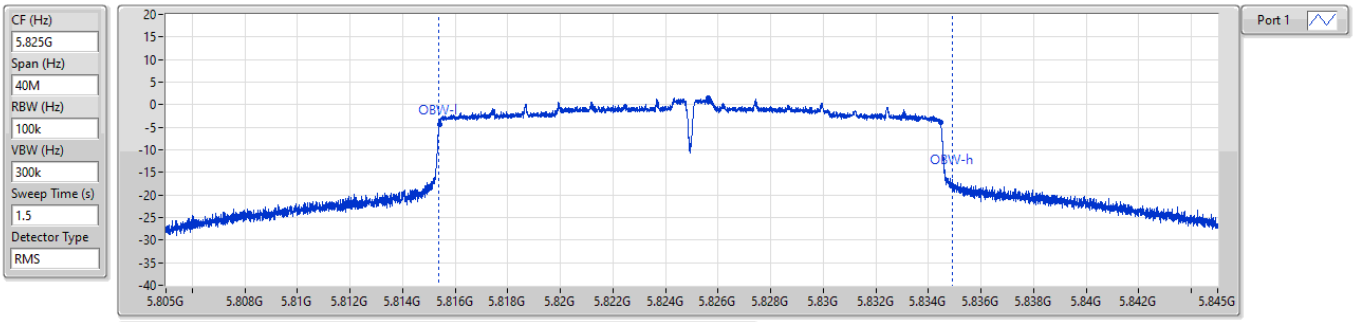


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.08M	5.77539G	5.79447G	20.509M	5.77527G	5.795778G	5.725-5.85G	1

5.725-5.875GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX **Operating Freq**

5825MHz_TnomVnom

17/02/2026



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.07M	5.815395G	5.834465G	19.551M	5.815367G	5.834918G	5.725-5.85G	1

full RU configuration

EIRP (dBm)					
Modulation Mode	11a				
Condition	Freq. (MHz)	EIRP PK Power	EIRP AV Power	Limit (dBm)	Results
$T_{nom}V_{nom}$	5745	27.38	24.59	36	Pass
$T_{min}V_{max}$	5745	28.08	24.59	36	Pass
$T_{min}V_{min}$	5745	28.10	24.61	36	Pass
$T_{max}V_{max}$	5745	26.28	24.59	36	Pass
$T_{max}V_{min}$	5745	26.25	24.56	36	Pass
$T_{nom}V_{nom}$	5785	27.42	24.45	36	Pass
$T_{min}V_{max}$	5785	28.22	24.45	36	Pass
$T_{min}V_{min}$	5785	28.24	24.48	36	Pass
$T_{max}V_{max}$	5785	26.37	24.45	36	Pass
$T_{max}V_{min}$	5785	26.35	24.43	36	Pass
$T_{nom}V_{nom}$	5825	27.34	24.49	36	Pass
$T_{min}V_{max}$	5825	27.86	24.49	36	Pass
$T_{min}V_{min}$	5825	27.89	24.52	36	Pass
$T_{max}V_{max}$	5825	26.41	24.49	36	Pass
$T_{max}V_{min}$	5825	26.39	24.47	36	Pass

EIRP (dBm)					
Modulation Mode	ax HE20 _OFDMA				
Condition	**Freq. (MHz)**	**EIRP PK Power**	**EIRP AV Power**	**Limit (dBm)**	**Results**
$T_{nom}V_{nom}$	5745	27.95	24.44	36	Pass
$T_{min}V_{max}$	5745	28.46	24.44	36	Pass
$T_{min}V_{min}$	5745	28.48	24.46	36	Pass
$T_{max}V_{max}$	5745	26.78	24.44	36	Pass
$T_{max}V_{min}$	5745	26.75	24.42	36	Pass
$T_{nom}V_{nom}$	5785	27.96	24.51	36	Pass
$T_{min}V_{max}$	5785	28.67	24.51	36	Pass
$T_{min}V_{min}$	5785	28.69	24.53	36	Pass
$T_{max}V_{max}$	5785	26.87	24.51	36	Pass
$T_{max}V_{min}$	5785	26.85	24.49	36	Pass
$T_{nom}V_{nom}$	5825	27.65	24.19	36	Pass
$T_{min}V_{max}$	5825	28.24	24.19	36	Pass
$T_{min}V_{min}$	5825	28.27	24.21	36	Pass
$T_{max}V_{max}$	5825	26.67	24.19	36	Pass
$T_{max}V_{min}$	5825	26.65	24.17	36	Pass

partial RU configuration

EIRP (dBm)					
Modulation Mode	ax HE20 _OFDMA_RU26				
Condition	Freq. (MHz)	EIRP PK Power	EIRP AV Power	Limit (dBm)	Results
$T_{nom}V_{nom}$	5745	28.02	24.85	36	Pass
$T_{min}V_{max}$	5745	28.87	25.70	36	Pass
$T_{min}V_{min}$	5745	28.85	25.68	36	Pass
$T_{max}V_{max}$	5745	27.09	23.92	36	Pass
$T_{max}V_{min}$	5745	27.06	23.89	36	Pass
$T_{nom}V_{nom}$	5785	27.92	24.93	36	Pass
$T_{min}V_{max}$	5785	28.66	25.67	36	Pass
$T_{min}V_{min}$	5785	28.64	25.65	36	Pass
$T_{max}V_{max}$	5785	26.81	23.82	36	Pass
$T_{max}V_{min}$	5785	26.78	23.79	36	Pass
$T_{nom}V_{nom}$	5825	27.88	24.65	36	Pass
$T_{min}V_{max}$	5825	28.51	25.28	36	Pass
$T_{min}V_{min}$	5825	28.49	25.26	36	Pass
$T_{max}V_{max}$	5825	26.74	23.51	36	Pass
$T_{max}V_{min}$	5825	26.71	23.48	36	Pass

EIRP (dBm)					
Modulation Mode	ax HE20 _OFDMA_RU52				
Condition	**Freq. (MHz)**	**EIRP PK Power**	**EIRP AV Power**	**Limit (dBm)**	**Results**
$T_{nom}V_{nom}$	5745	27.99	24.83	36	Pass
$T_{min}V_{max}$	5745	28.64	25.48	36	Pass
$T_{min}V_{min}$	5745	28.62	25.46	36	Pass
$T_{max}V_{max}$	5745	27.00	23.84	36	Pass
$T_{max}V_{min}$	5745	26.97	23.81	36	Pass
$T_{nom}V_{nom}$	5785	27.88	24.92	36	Pass
$T_{min}V_{max}$	5785	28.67	25.71	36	Pass
$T_{min}V_{min}$	5785	28.65	25.69	36	Pass
$T_{max}V_{max}$	5785	26.61	23.65	36	Pass
$T_{max}V_{min}$	5785	26.58	23.62	36	Pass
$T_{nom}V_{nom}$	5825	27.88	24.59	36	Pass
$T_{min}V_{max}$	5825	28.57	25.28	36	Pass
$T_{min}V_{min}$	5825	28.55	25.26	36	Pass
$T_{max}V_{max}$	5825	26.77	23.48	36	Pass
$T_{max}V_{min}$	5825	26.74	23.45	36	Pass

EIRP (dBm)					
Modulation Mode	ax HE20 _OFDMA_RU106				
Condition	**Freq. (MHz)**	**EIRP PK Power**	**EIRP AV Power**	**Limit (dBm)**	**Results**
$T_{nom}V_{nom}$	5745	28.04	24.73	36	Pass
$T_{min}V_{max}$	5745	28.83	25.52	36	Pass
$T_{min}V_{min}$	5745	28.81	25.50	36	Pass
$T_{max}V_{max}$	5745	26.99	23.68	36	Pass
$T_{max}V_{min}$	5745	26.96	23.65	36	Pass
$T_{nom}V_{nom}$	5785	27.96	24.69	36	Pass
$T_{min}V_{max}$	5785	28.79	25.52	36	Pass
$T_{min}V_{min}$	5785	28.77	25.50	36	Pass
$T_{max}V_{max}$	5785	26.78	23.51	36	Pass
$T_{max}V_{min}$	5785	26.75	23.48	36	Pass
$T_{nom}V_{nom}$	5825	27.78	24.46	36	Pass
$T_{min}V_{max}$	5825	28.44	25.12	36	Pass
$T_{min}V_{min}$	5825	28.42	25.10	36	Pass
$T_{max}V_{max}$	5825	26.64	23.32	36	Pass
$T_{max}V_{min}$	5825	26.61	23.29	36	Pass

full RU configuration

Summary

Mode	EIRP PD (dBm/3kHz)
5.725-5.875GHz	-
802.11a_Nss1,(6Mbps)_1TX	1.67
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-0.43

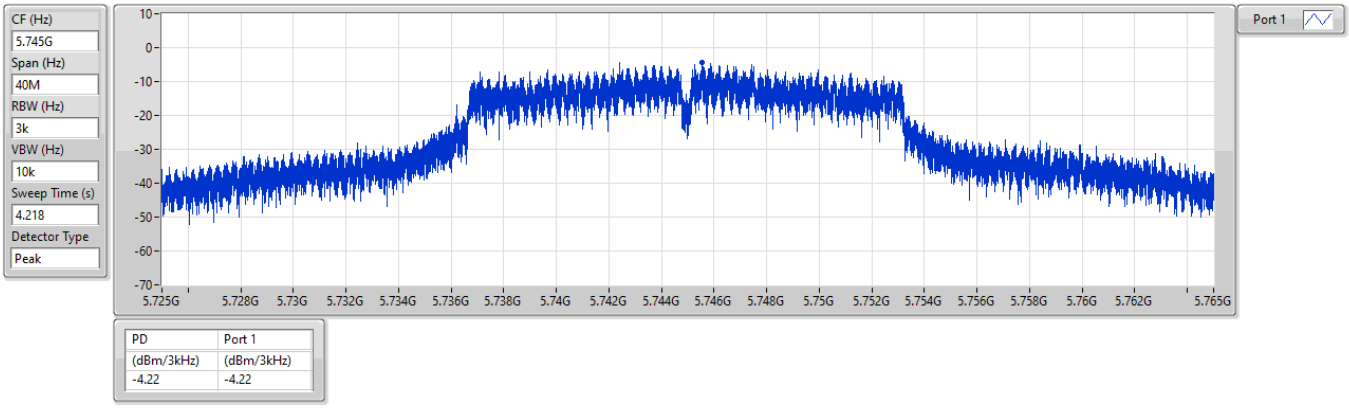
Result

Mode	Result	Gain (dBi)	PD (dBm/3kHz)	EIRP PD (dBm/3kHz)	EIRP PD Limit (dBm/3kHz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	-4.22	0.18	13.97
5785MHz_TnomVnom	Pass	4.40	-3.59	0.81	13.97
5825MHz_TnomVnom	Pass	4.40	-2.73	1.67	13.97
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	-5.44	-1.04	13.97
5785MHz_TnomVnom	Pass	4.40	-4.83	-0.43	13.97
5825MHz_TnomVnom	Pass	4.40	-5.18	-0.78	13.97

5.725-5.875GHz_802.11a_Nss1,(6Mbps)_1TX **PSD-AU**

5745MHz

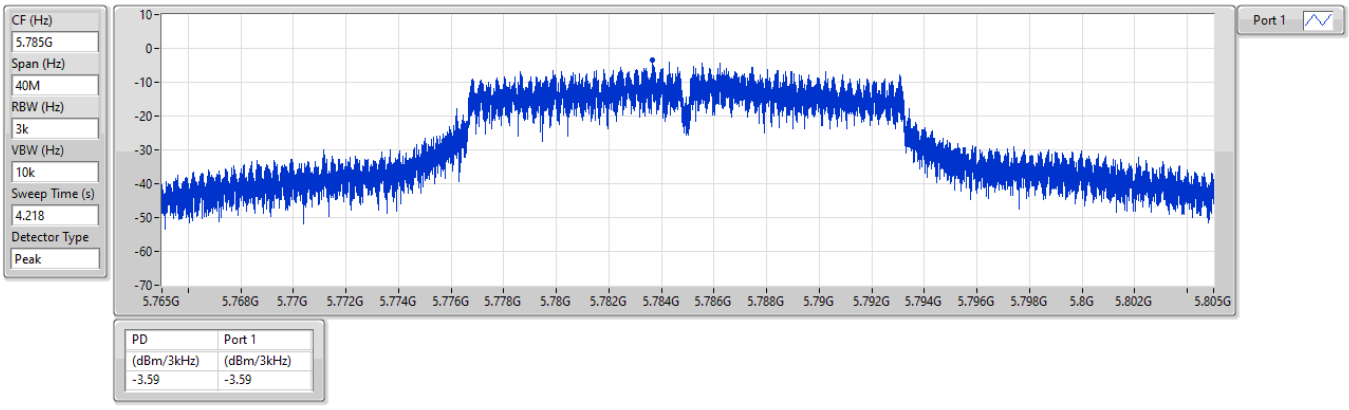
17/02/2026



5.725-5.875GHz_802.11a_Nss1,(6Mbps)_1TX **PSD-AU**

5785MHz

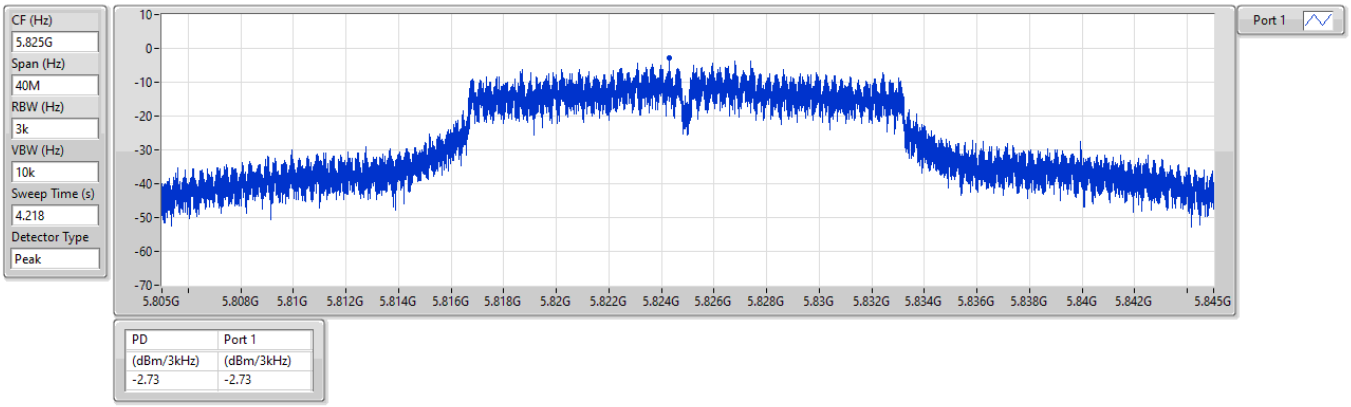
17/02/2026



5.725-5.875GHz_802.11a_Nss1,(6Mbps)_1TX **PSD-AU**

5825MHz

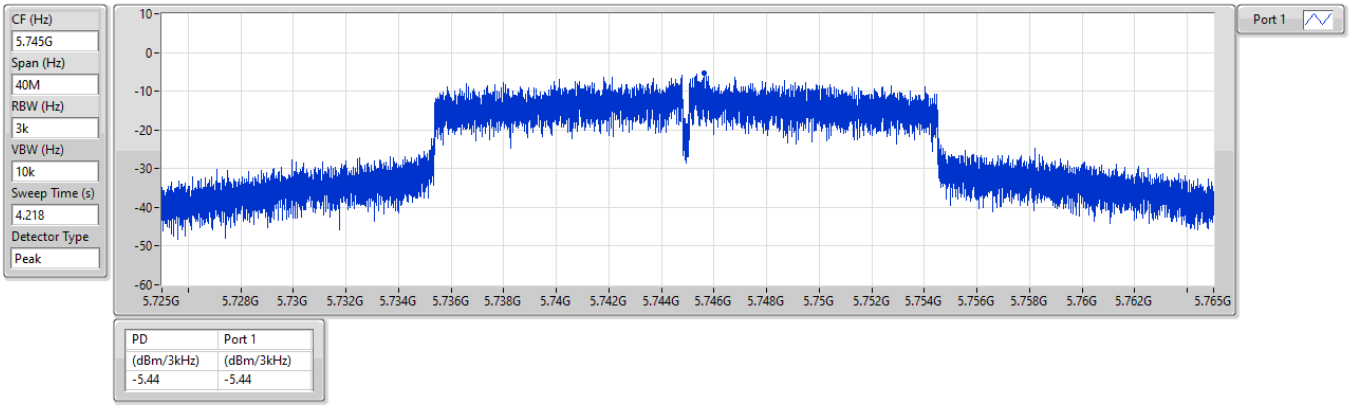
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX **PSD-AU**

5745MHz

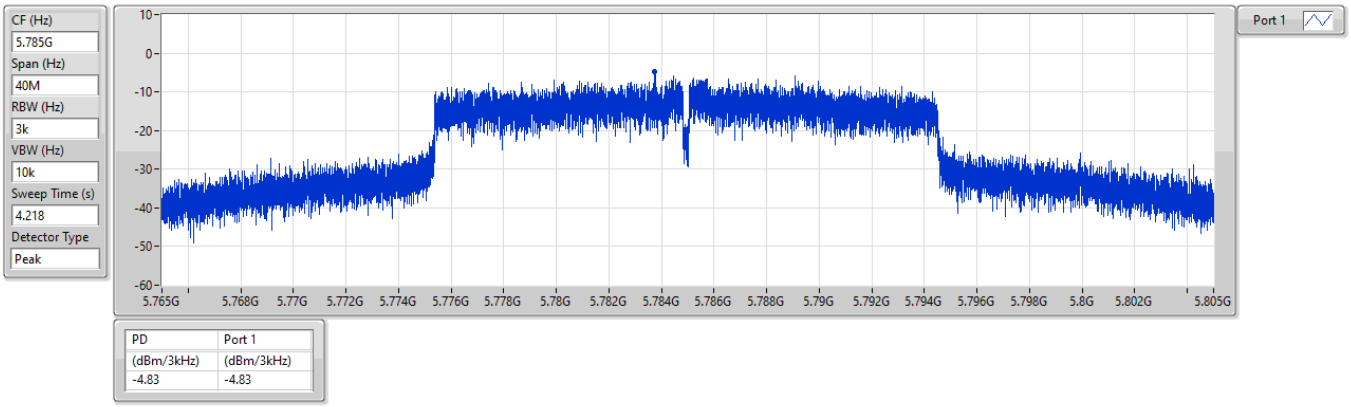
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX **PSD-AU**

5785MHz

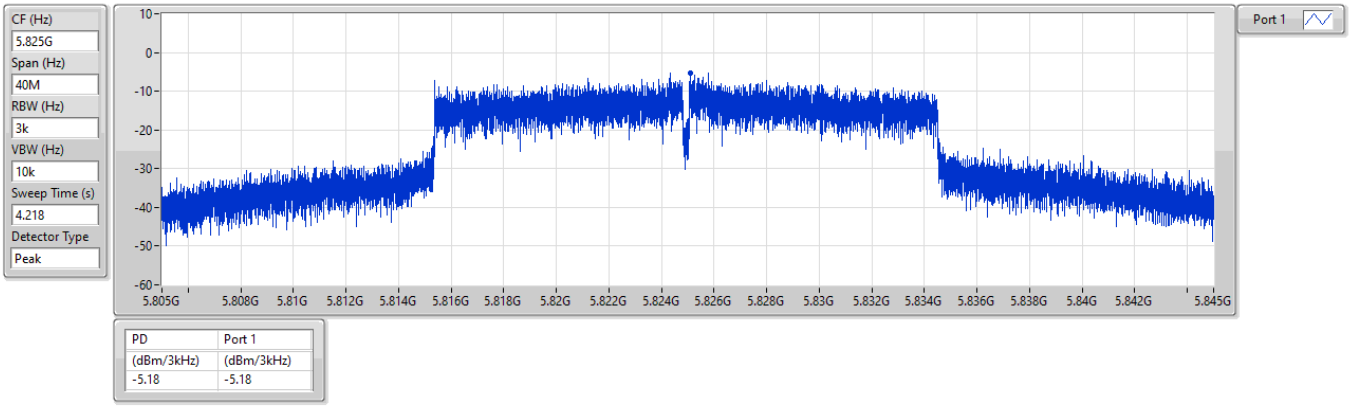
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX **PSD-AU**

5825MHz

17/02/2026



partial RU configuration

Summary

Mode	EIRP PD (dBm/3kHz)
5.725-5.875GHz	-
802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX	5.47
802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX	7.74
802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX	5.53

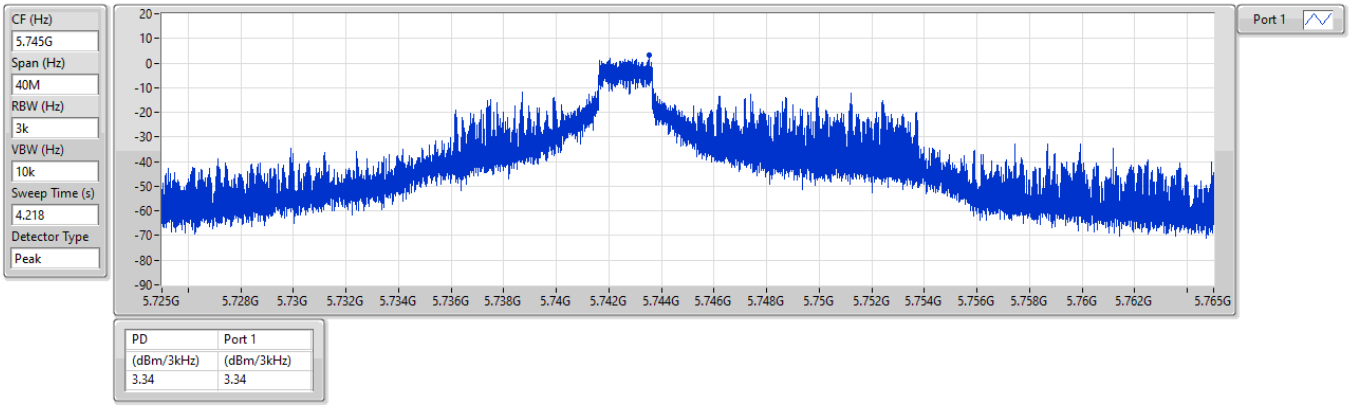
Result

Mode	Result	Gain (dBi)	PD (dBm/3kHz)	EIRP PD (dBm/3kHz)	EIRP PD Limit (dBm/3kHz)
802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	3.34	7.74	13.97
5785MHz_TnomVnom	Pass	4.40	3.16	7.56	13.97
5825MHz_TnomVnom	Pass	4.40	2.66	7.06	13.97
802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	0.79	5.19	13.97
5785MHz_TnomVnom	Pass	4.40	-0.29	4.11	13.97
5825MHz_TnomVnom	Pass	4.40	1.13	5.53	13.97
802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	1.07	5.47	13.97
5785MHz_TnomVnom	Pass	4.40	0.52	4.92	13.97
5825MHz_TnomVnom	Pass	4.40	-0.13	4.27	13.97

5.725-5.875GHz_802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX **PSD-AU**

5745MHz

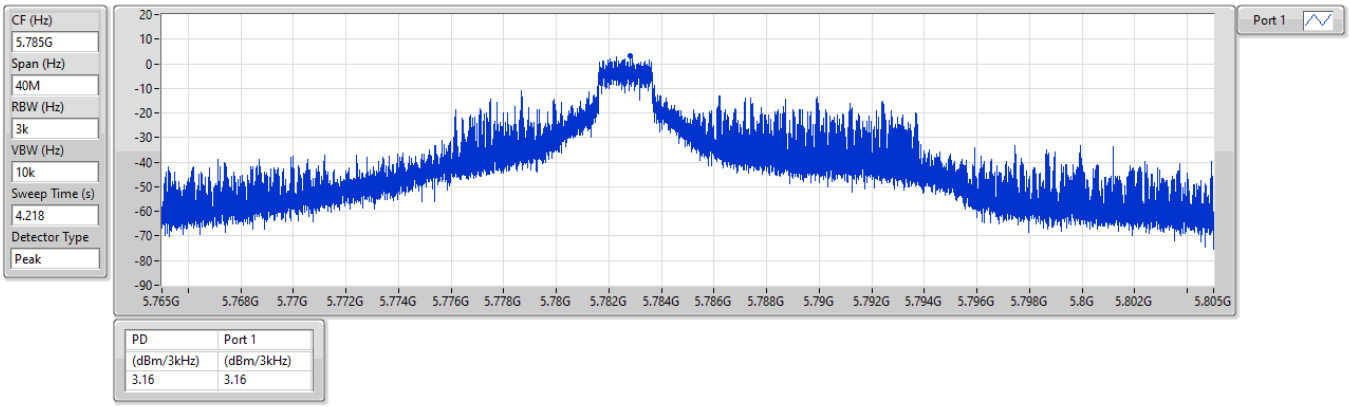
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX **PSD-AU**

5785MHz

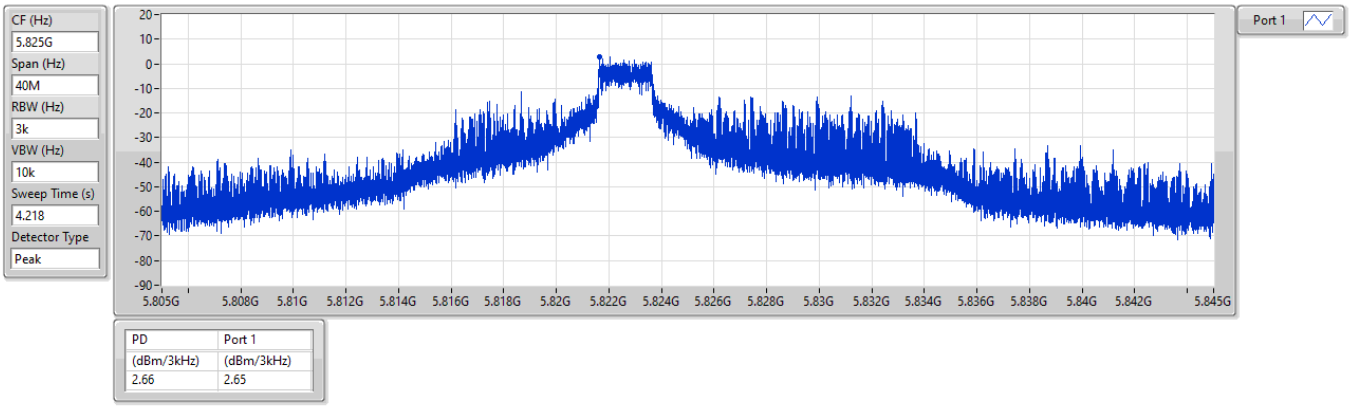
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX **PSD-AU**

5825MHz

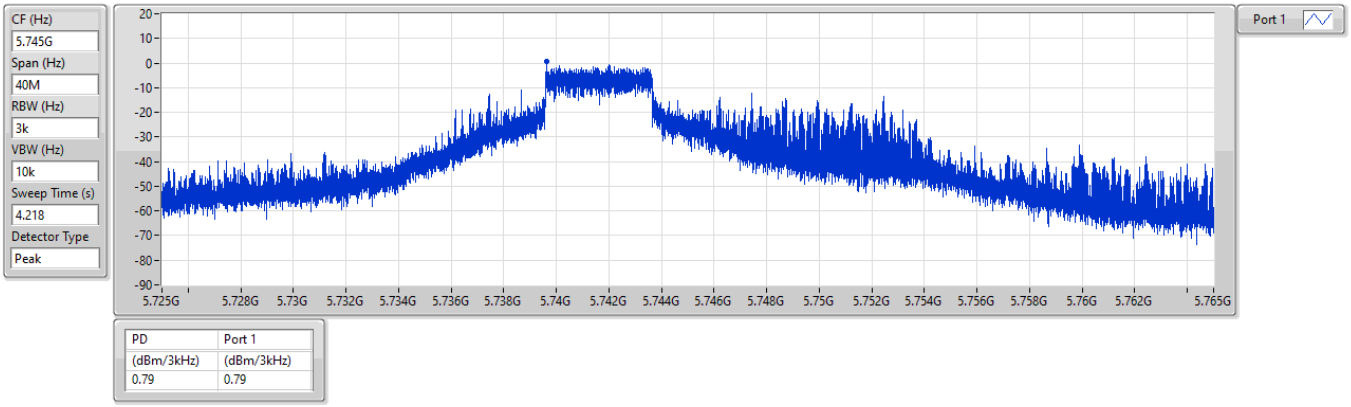
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX **PSD-AU**

5745MHz

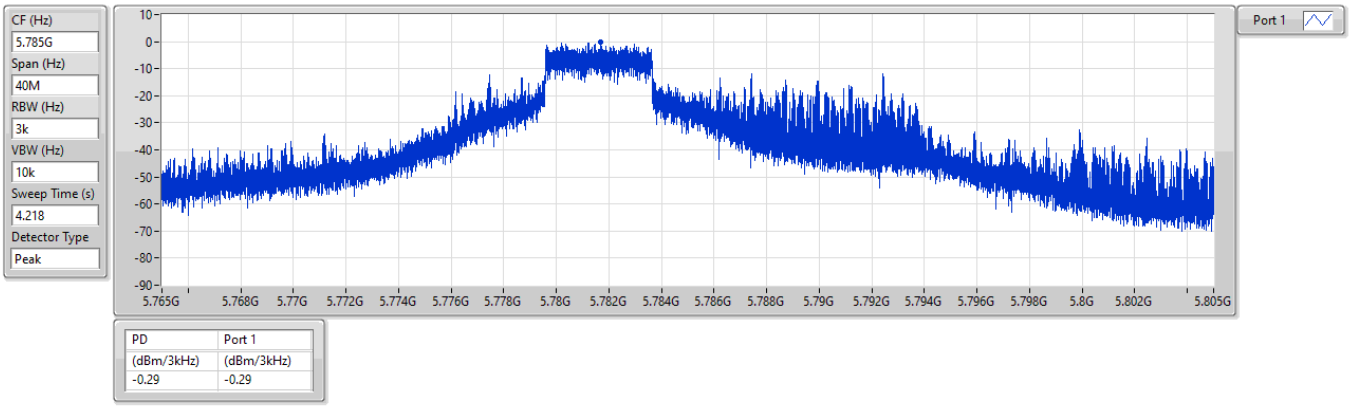
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX **PSD-AU**

5785MHz

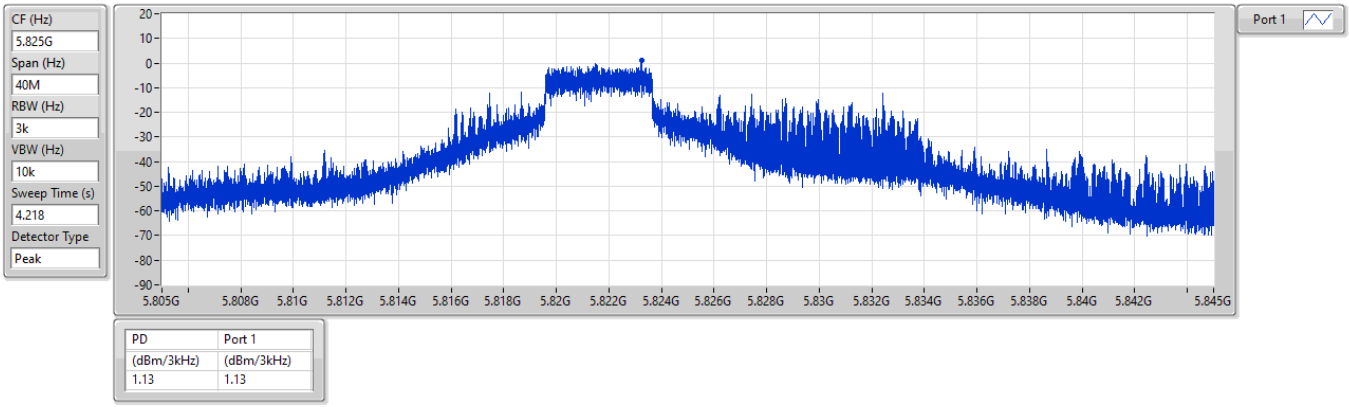
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX **PSD-AU**

5825MHz

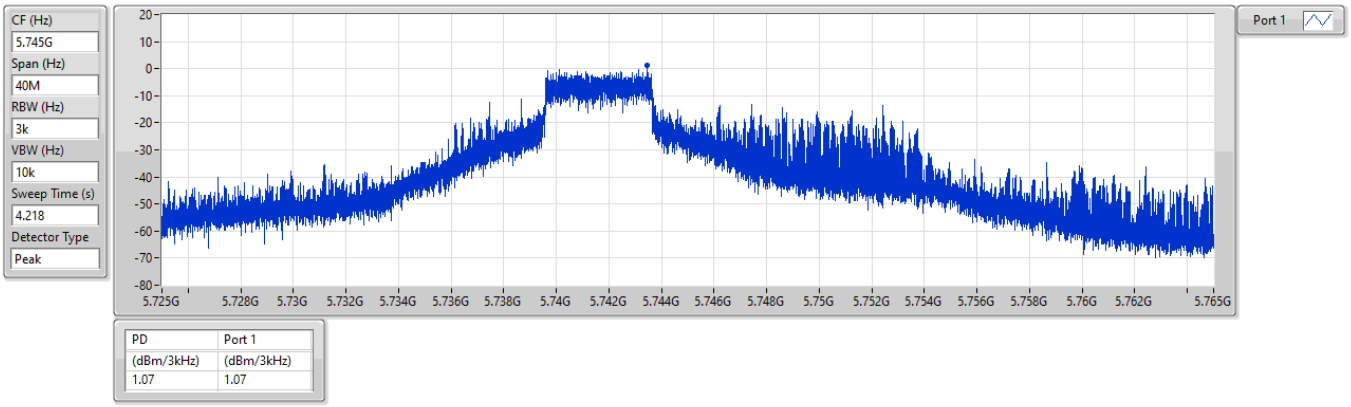
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX **PSD-AU**

5745MHz

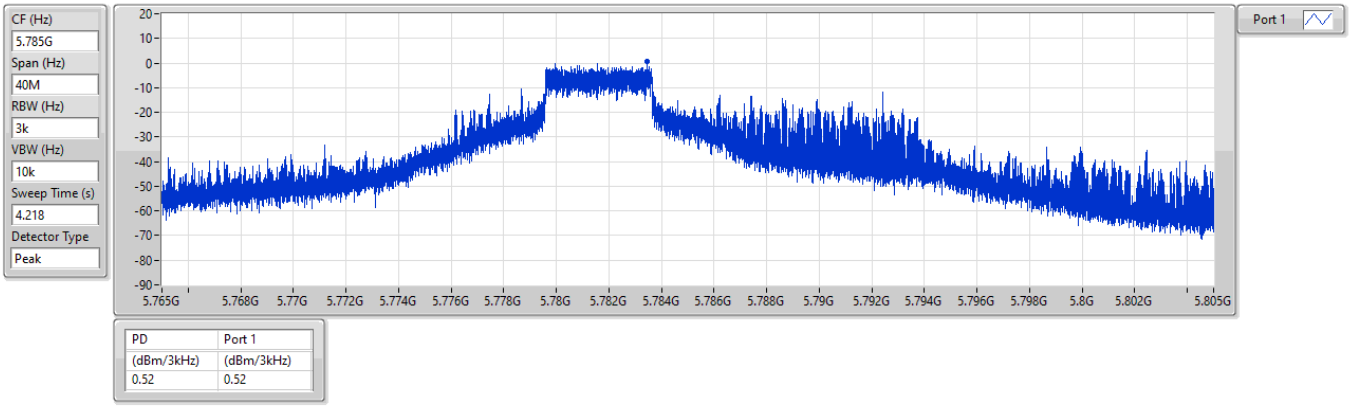
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX **PSD-AU**

5785MHz

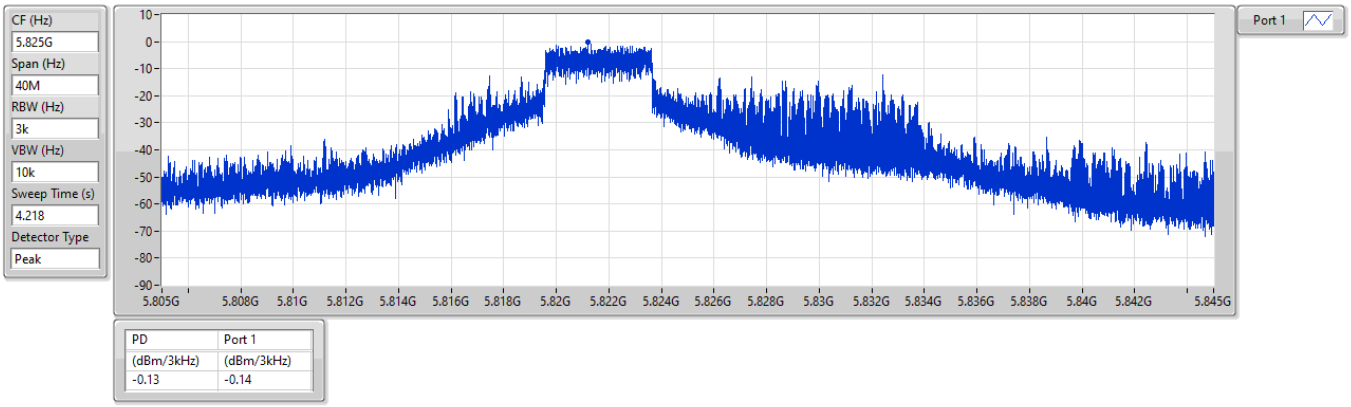
17/02/2026



5.725-5.875GHz_802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX **PSD-AU**

5825MHz

17/02/2026



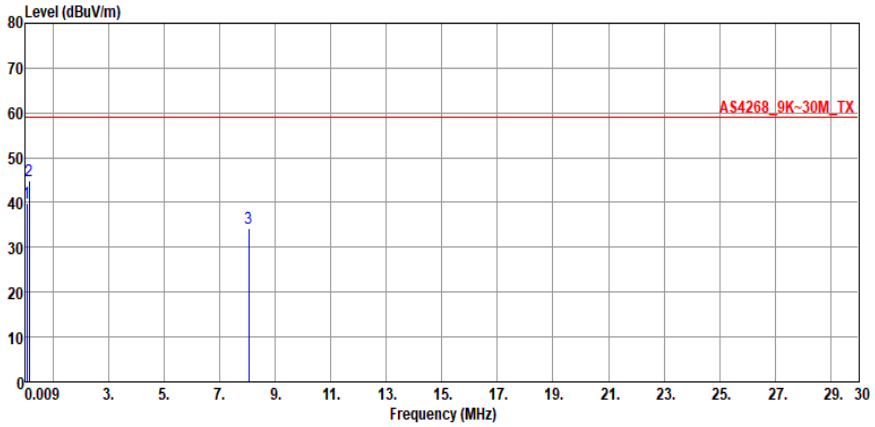
full RU configuration

Configuration 1 : EFD2471A3S-10MH4L Antenna

Emissions (≤ 30MHz)

Modulation	11a	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

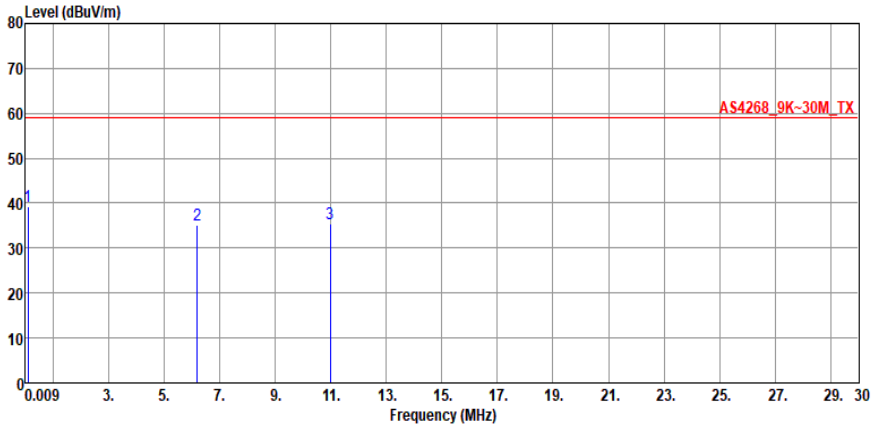


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.72	59.00	-19.28	19.87	19.85
2	0.13	44.73	59.00	-14.27	18.97	25.76
3	8.04	34.17	59.00	-24.83	20.48	13.69

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

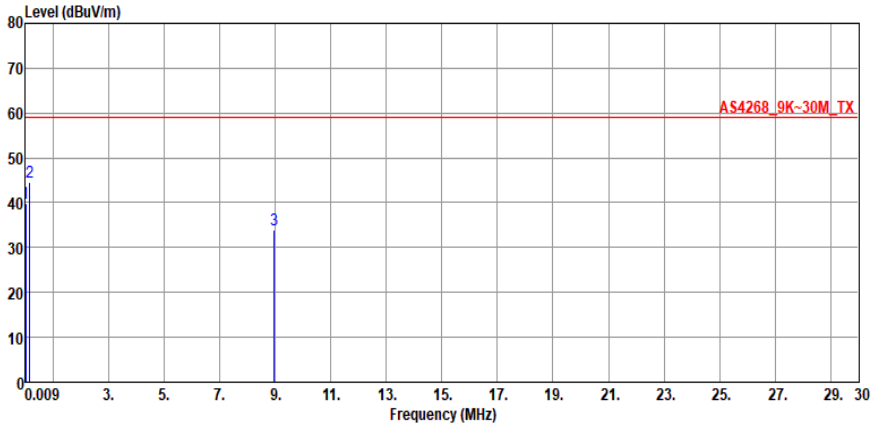


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.13	59.00	-19.87	19.02	20.11
2	6.20	35.26	59.00	-23.74	21.00	14.26
3	10.97	35.34	59.00	-23.66	21.30	14.04

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

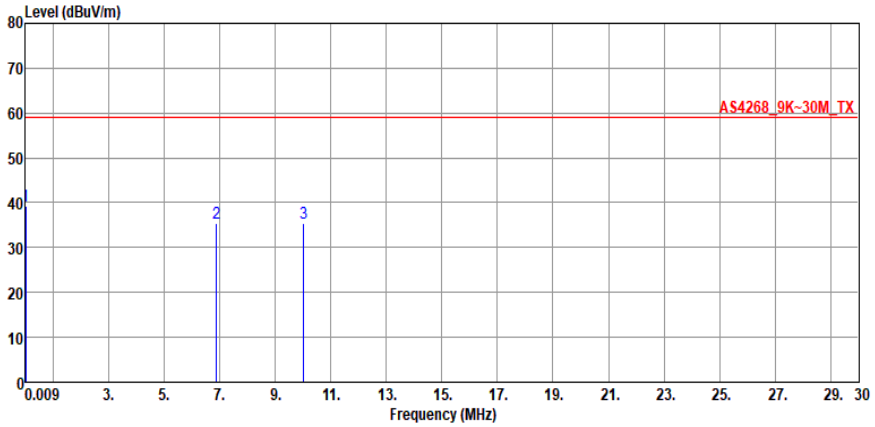


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.92	59.00	-19.08	19.43	20.49
2	0.15	44.52	59.00	-14.48	19.11	25.41
3	8.97	34.09	59.00	-24.91	20.48	13.61

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.35	59.00	-19.65	19.56	19.79
2	6.87	35.38	59.00	-23.62	20.81	14.57
3	10.02	35.50	59.00	-23.50	21.00	14.50

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

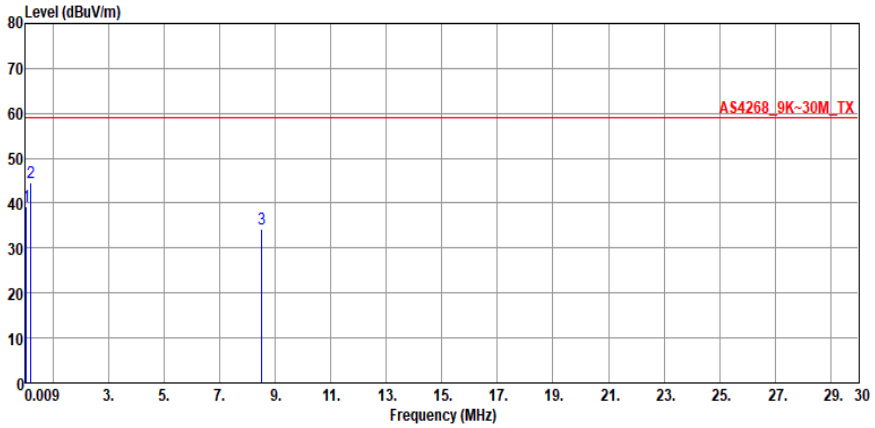
full RU configuration

Configuration 2 : EFB2471A3S-10MH4L Antenna

Emissions (≤ 30MHz)

Modulation	11a	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

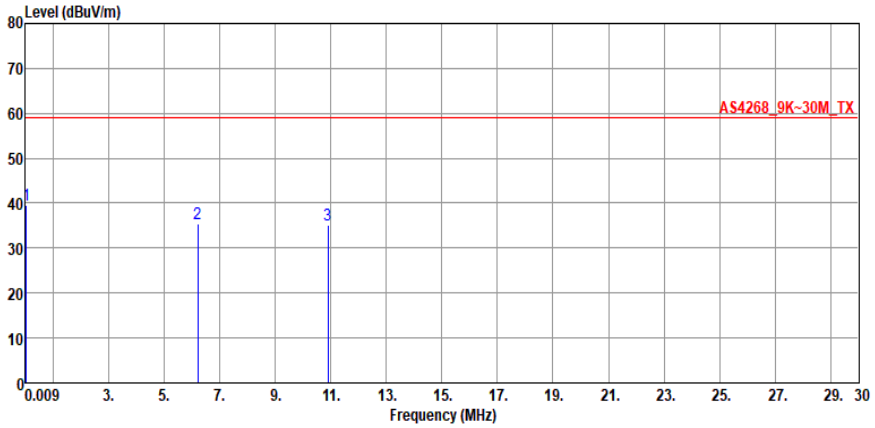


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.18	59.00	-19.82	19.76	19.42
2	0.19	44.53	59.00	-14.47	19.38	25.15
3	8.52	34.37	59.00	-24.63	20.48	13.89

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

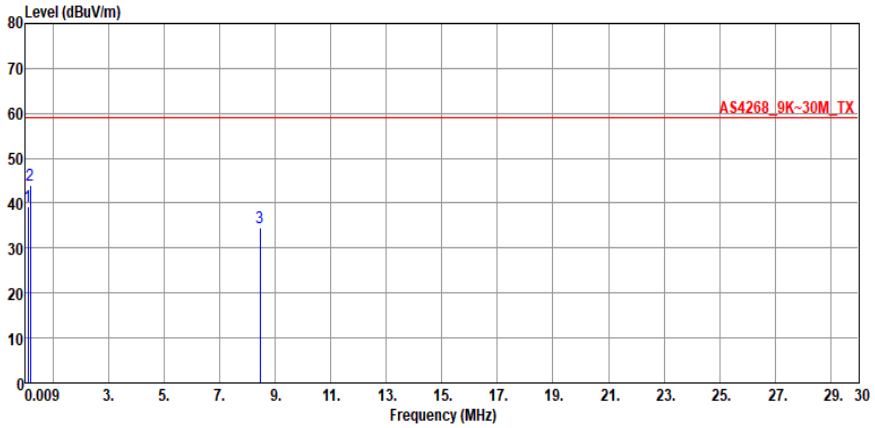


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.55	59.00	-19.45	19.81	19.74
2	6.22	35.43	59.00	-23.57	20.99	14.44
3	10.91	35.11	59.00	-23.89	21.27	13.84

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

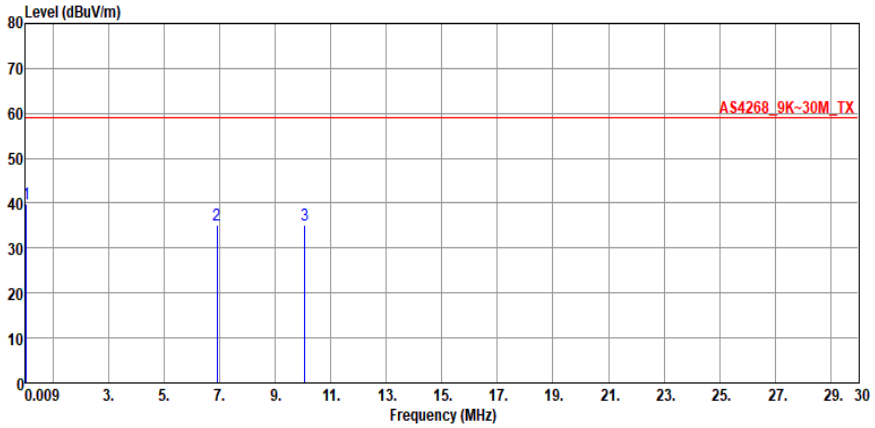


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.18	59.00	-19.82	18.94	20.24
2	0.18	44.09	59.00	-14.91	19.34	24.75
3	8.45	34.56	59.00	-24.44	20.48	14.08

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.98	59.00	-19.02	19.83	20.15
2	6.91	35.07	59.00	-23.93	20.80	14.27
3	10.06	35.16	59.00	-23.84	21.01	14.15

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

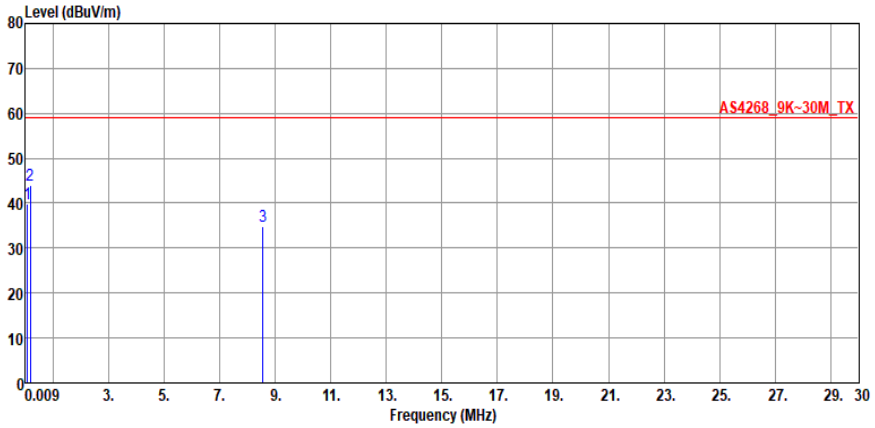
full RU configuration

Configuration 3 : EMF2471A3S-10MH4L Antenna

Emissions (≤ 30MHz)

Modulation	11a	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

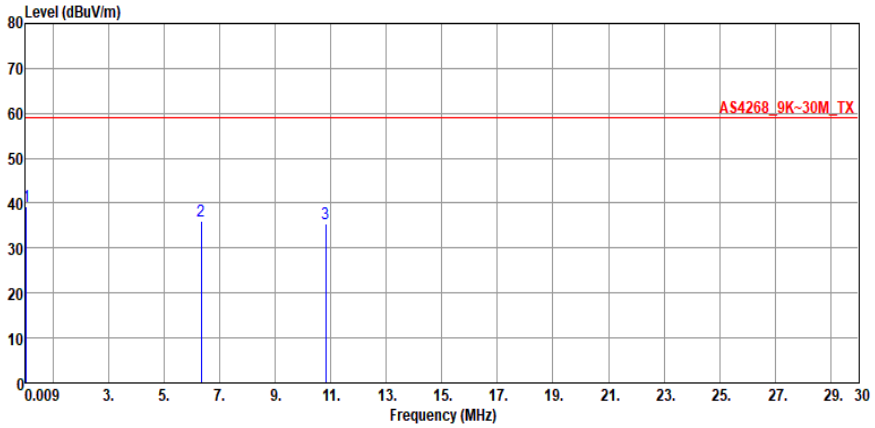


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.98	59.00	-19.02	19.02	20.96
2	0.18	44.09	59.00	-14.91	19.31	24.78
3	8.56	34.83	59.00	-24.17	20.48	14.35

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

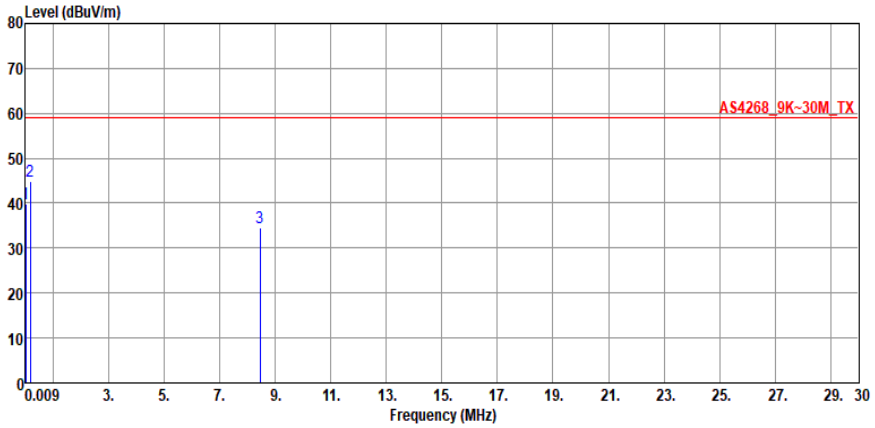


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.21	59.00	-19.79	20.03	19.18
2	6.33	35.89	59.00	-23.11	20.96	14.93
3	10.81	35.42	59.00	-23.58	21.24	14.18

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

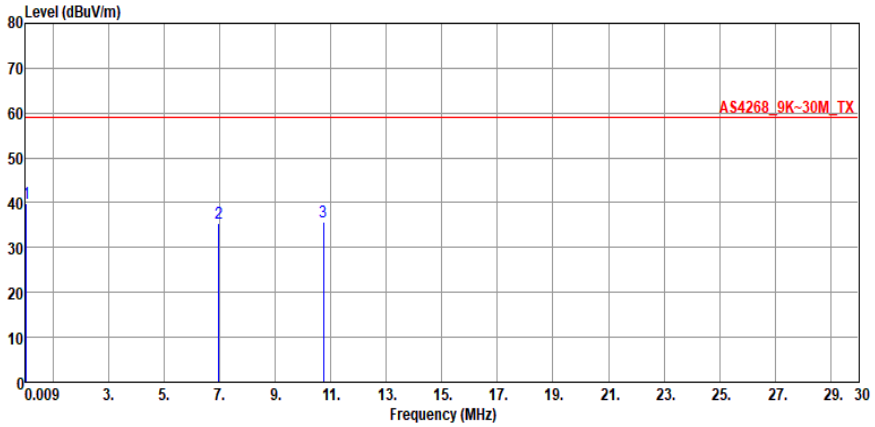


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.95	59.00	-19.05	19.64	20.31
2	0.17	44.83	59.00	-14.17	19.27	25.56
3	8.46	34.44	59.00	-24.56	20.48	13.96

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.73	59.00	-19.27	19.75	19.98
2	6.96	35.53	59.00	-23.47	20.78	14.75
3	10.73	35.87	59.00	-23.13	21.22	14.65

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

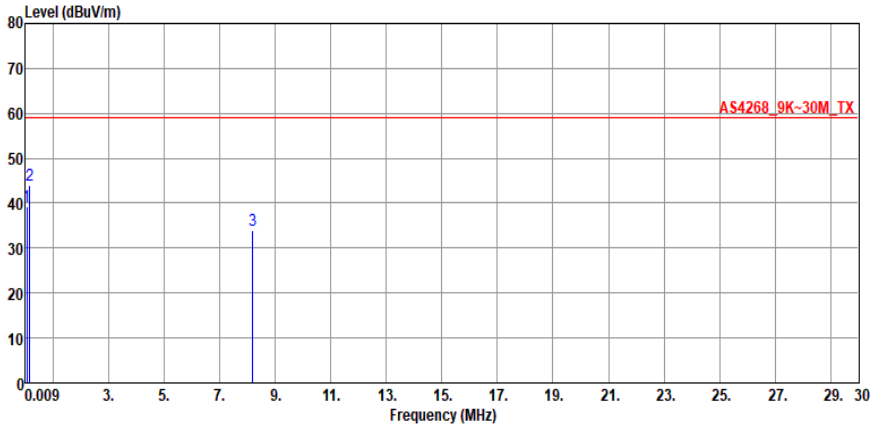
full RU configuration

Configuration 4 : TWX-100BRS3B Antenna

Emissions (≤ 30MHz)

Modulation	11a	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

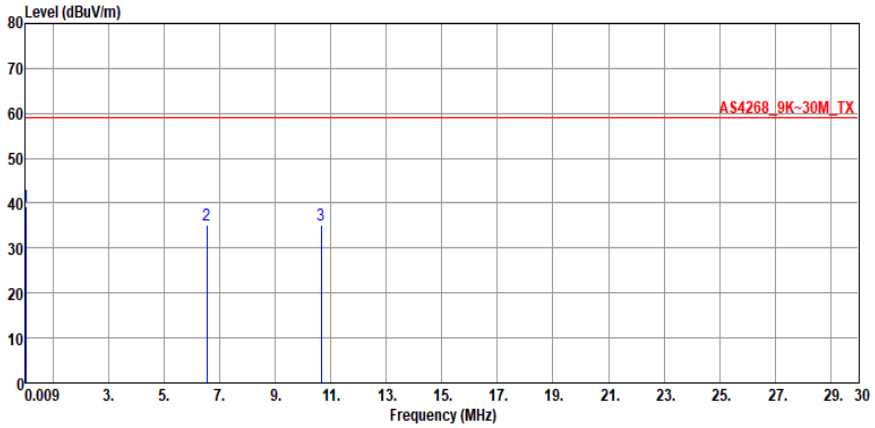


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.22	59.00	-19.78	19.22	20.00
2	0.14	44.04	59.00	-14.96	19.07	24.97
3	8.18	34.08	59.00	-24.92	20.48	13.60

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

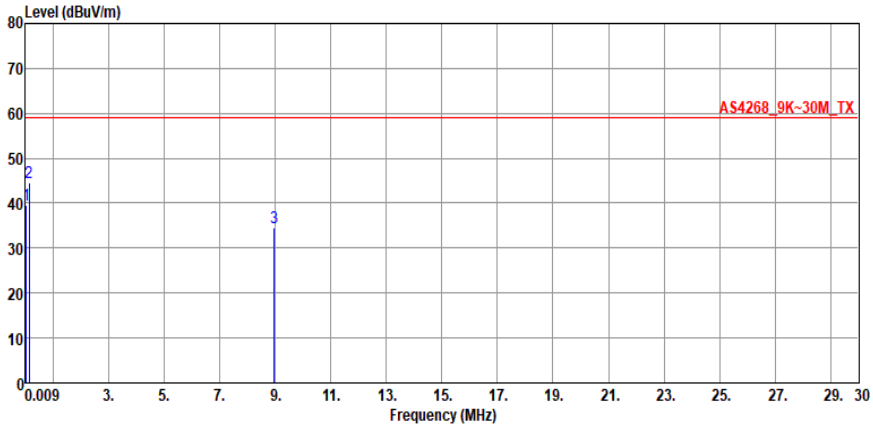


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.12	59.00	-19.88	19.76	19.36
2	6.53	35.16	59.00	-23.84	20.90	14.26
3	10.66	35.16	59.00	-23.84	21.20	13.96

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

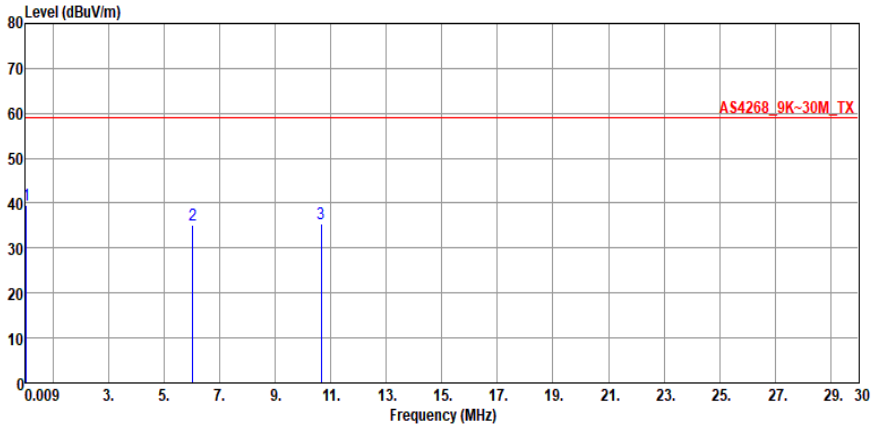


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.62	59.00	-19.38	19.76	19.86
2	0.14	44.67	59.00	-14.33	19.01	25.66
3	8.97	34.54	59.00	-24.46	20.48	14.06

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.44	59.00	-19.56	19.83	19.61
2	6.03	35.23	59.00	-23.77	21.05	14.18
3	10.65	35.54	59.00	-23.46	21.20	14.34

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

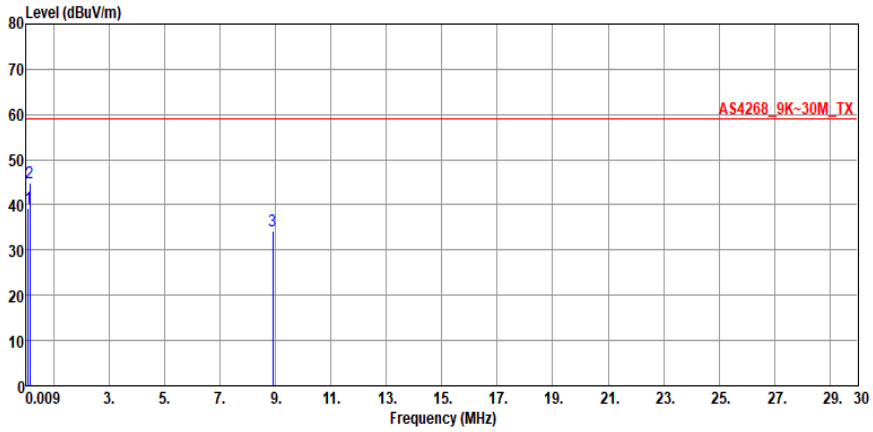
full RU configuration

Configuration 5 : 001-0021 Antenna

Emissions (≤ 30MHz)

Modulation	11a	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

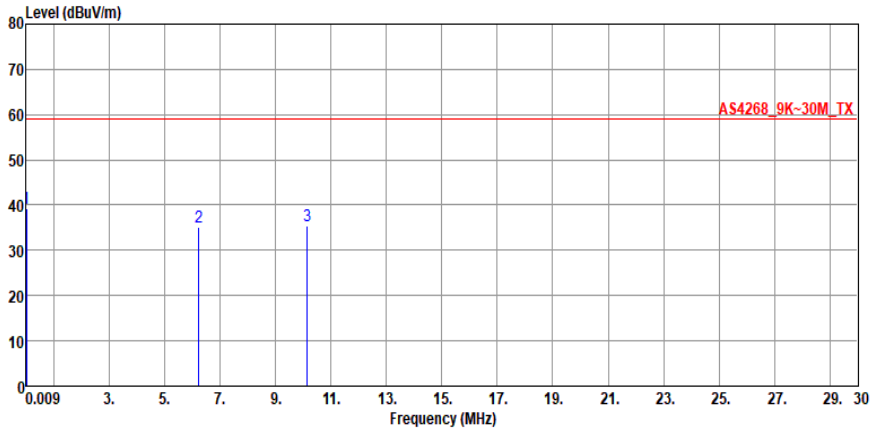


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.16	59.00	-19.84	18.94	20.22
2	0.13	44.85	59.00	-14.15	18.92	25.93
3	8.91	34.10	59.00	-24.90	20.48	13.62

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

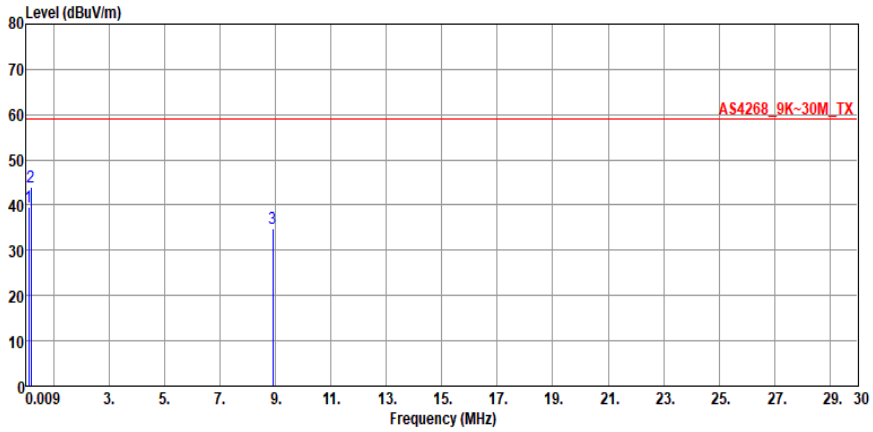


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.33	59.00	-19.67	19.43	19.90
2	6.23	35.16	59.00	-23.84	20.99	14.17
3	10.14	35.48	59.00	-23.52	21.03	14.45

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

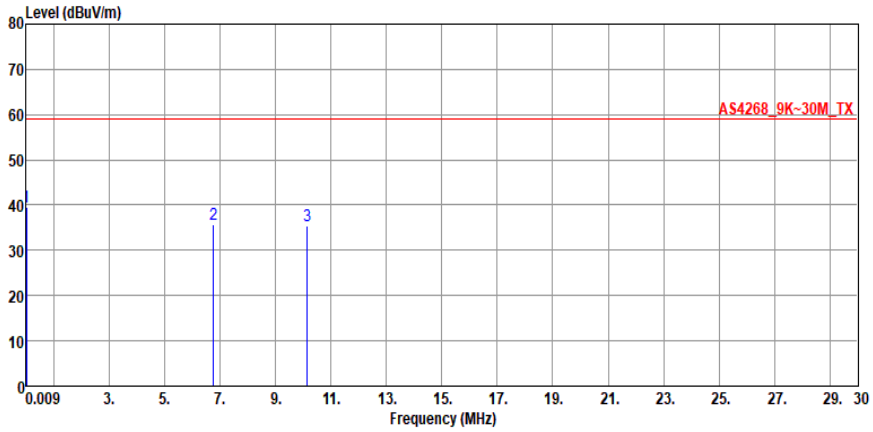


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.65	59.00	-19.35	19.01	20.64
2	0.18	44.04	59.00	-14.96	19.35	24.69
3	8.91	34.84	59.00	-24.16	20.48	14.36

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.57	59.00	-19.43	19.72	19.85
2	6.76	35.73	59.00	-23.27	20.83	14.90
3	10.14	35.42	59.00	-23.58	21.03	14.39

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

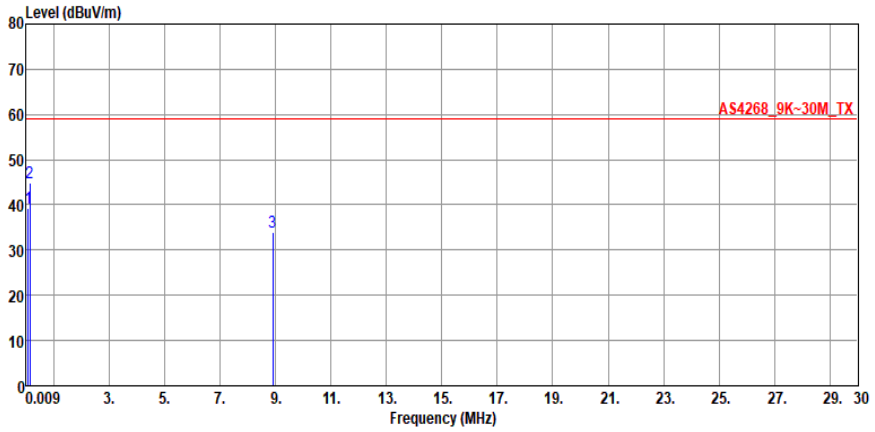
full RU configuration

Configuration 6 : EFB2455A3S-15MH4L Antenna

Emissions (≤ 30MHz)

Modulation	11a	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

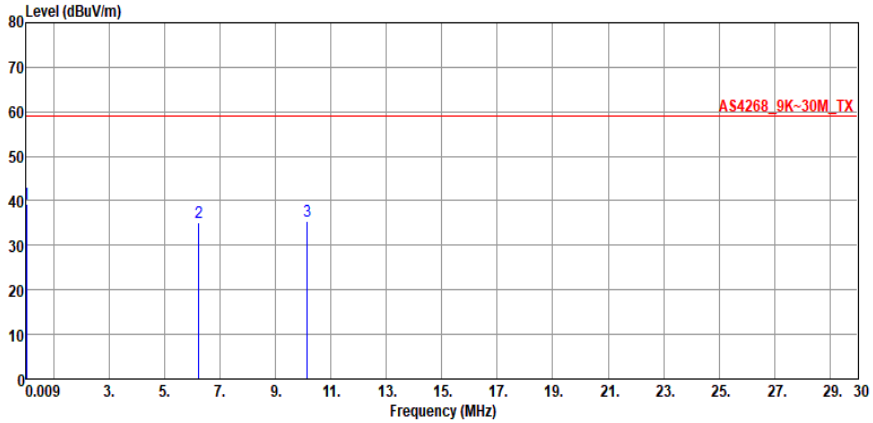


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.16	59.00	-19.84	18.94	20.22
2	0.12	44.82	59.00	-14.18	18.89	25.93
3	8.91	34.09	59.00	-24.91	20.48	13.61

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

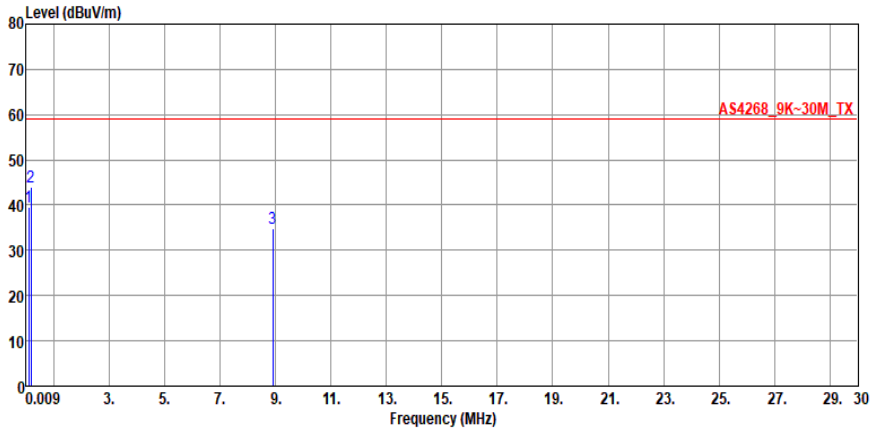


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.33	59.00	-19.67	19.43	19.90
2	6.23	35.02	59.00	-23.98	20.99	14.03
3	10.14	35.49	59.00	-23.51	21.03	14.46

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

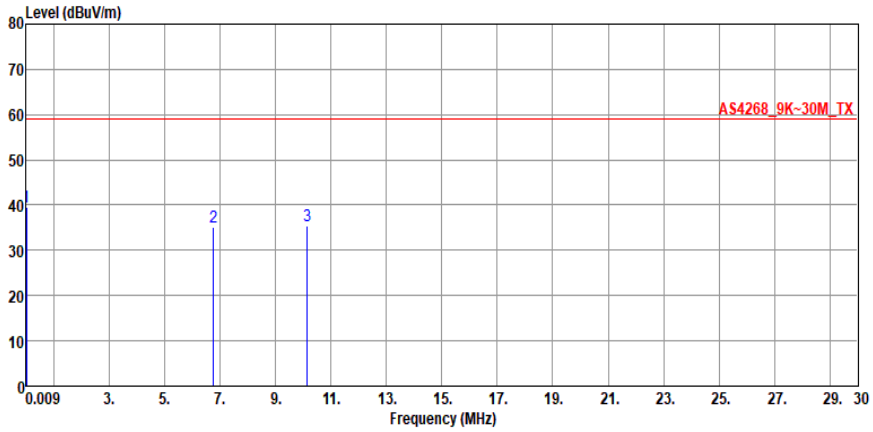


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.65	59.00	-19.35	18.69	20.96
2	0.18	44.04	59.00	-14.96	19.35	24.69
3	8.91	34.84	59.00	-24.16	20.48	14.36

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.57	59.00	-19.43	19.72	19.85
2	6.76	35.27	59.00	-23.73	20.83	14.44
3	10.14	35.42	59.00	-23.58	21.03	14.39

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

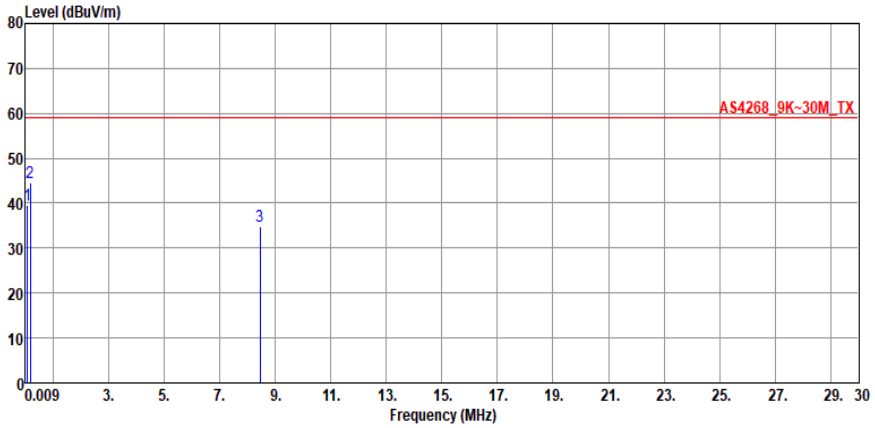
full RU configuration

Configuration 7 : ANT1608LL14R2460A Antenna

Emissions (≤ 30MHz)

Modulation	11a	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

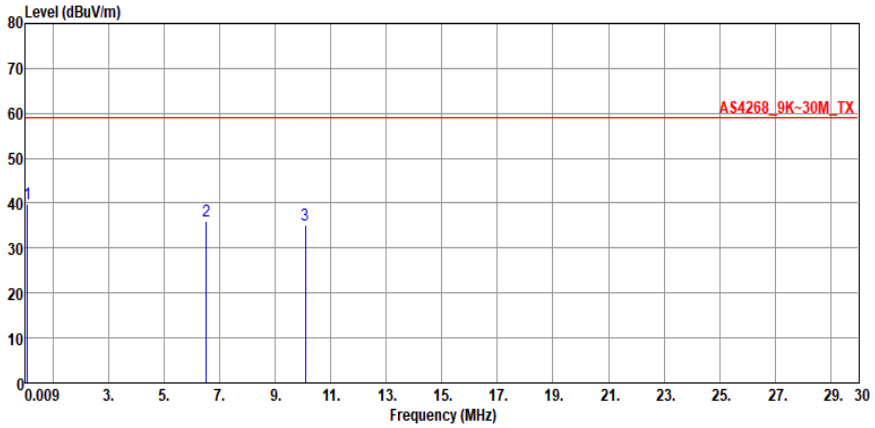


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.66	59.00	-19.34	18.76	20.90
2	0.17	44.47	59.00	-14.53	19.29	25.18
3	8.45	34.69	59.00	-24.31	20.48	14.21

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

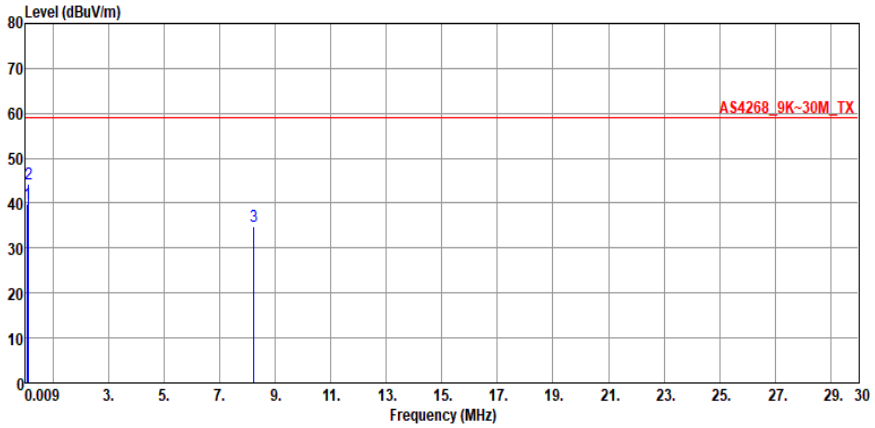


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.79	59.00	-19.21	18.90	20.89
2	6.52	35.94	59.00	-23.06	20.90	15.04
3	10.08	35.03	59.00	-23.97	21.01	14.02

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

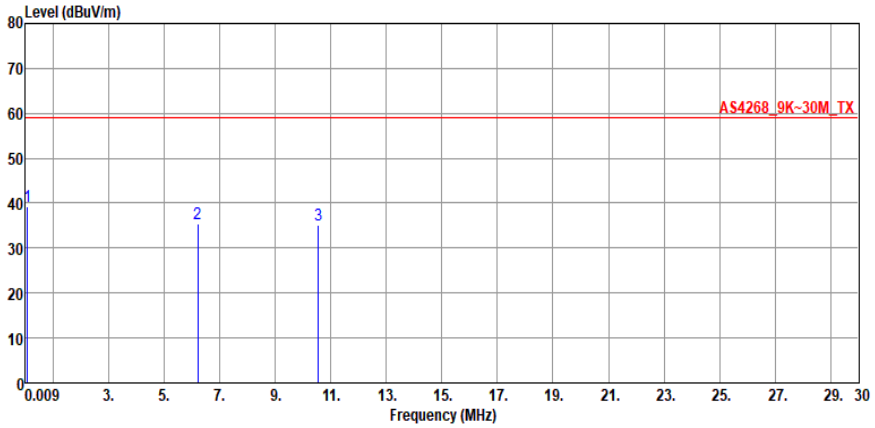


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.79	59.00	-19.21	18.93	20.86
2	0.12	44.36	59.00	-14.64	18.84	25.52
3	8.22	34.94	59.00	-24.06	20.48	14.46

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.39	59.00	-19.61	18.84	20.55
2	6.20	35.49	59.00	-23.51	21.00	14.49
3	10.55	35.23	59.00	-23.77	21.17	14.06

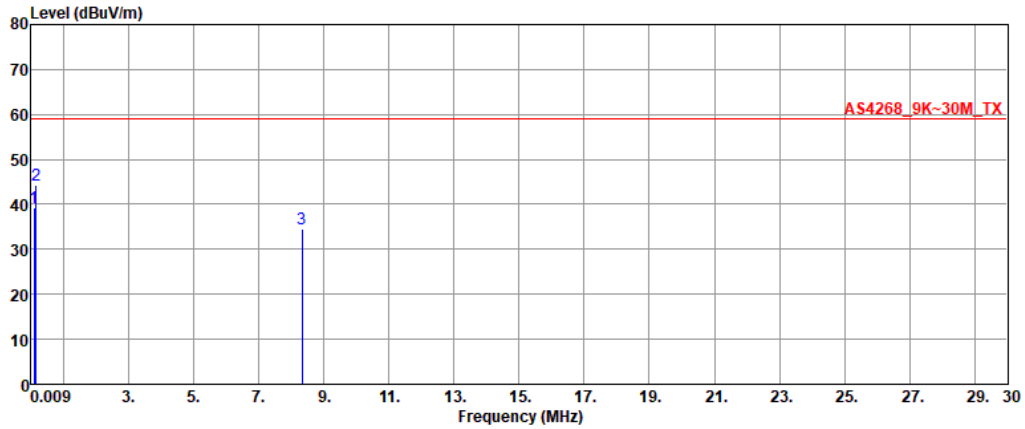
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

partial RU configuration

Configuration 1 : EFD2471A3S-10MH4L Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

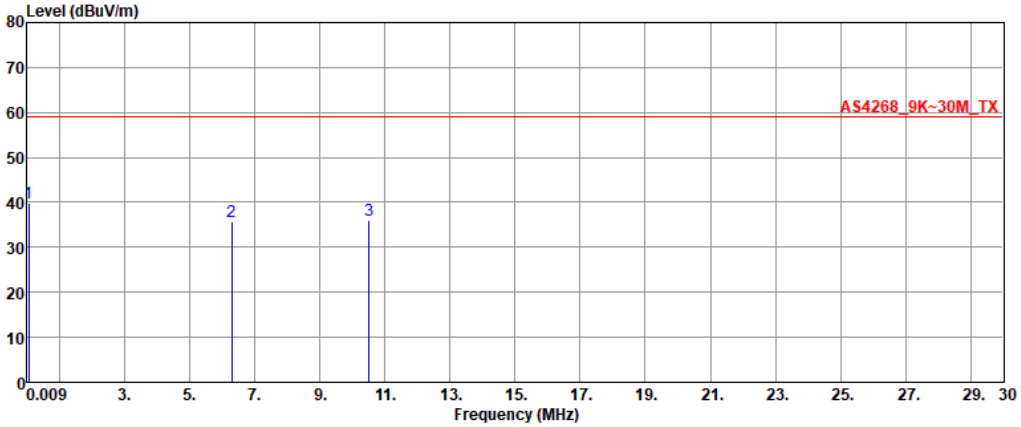


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.10	39.22	59.00	-19.78	18.76	20.46
2	0.15	44.33	59.00	-14.67	19.11	25.22
3	8.34	34.62	59.00	-24.38	20.48	14.14

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFMDA RU106	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



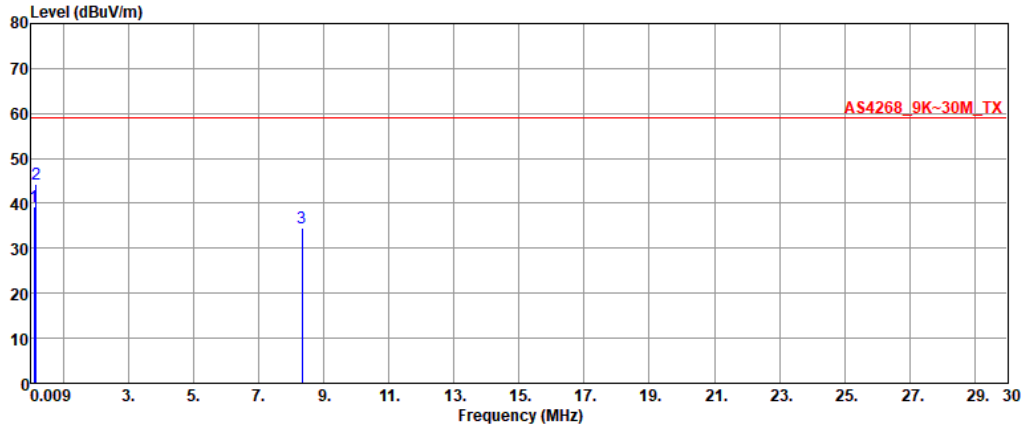
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.88	59.00	-19.12	19.22	20.66
2	6.29	35.62	59.00	-23.38	20.97	14.65
3	10.52	35.95	59.00	-23.05	21.16	14.79

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 2 : EFB2471A3S-10MH4L Antenna

Modulation	ax HE20_OFMDA RU106	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

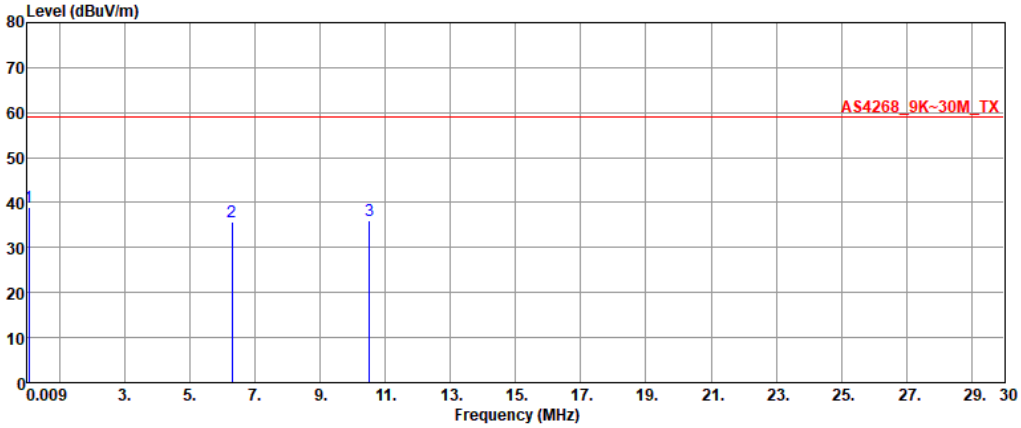


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.10	39.21	59.00	-19.79	18.76	20.45
2	0.15	44.33	59.00	-14.67	19.11	25.22
3	8.34	34.63	59.00	-24.37	20.48	14.15

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFMDA RU106	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



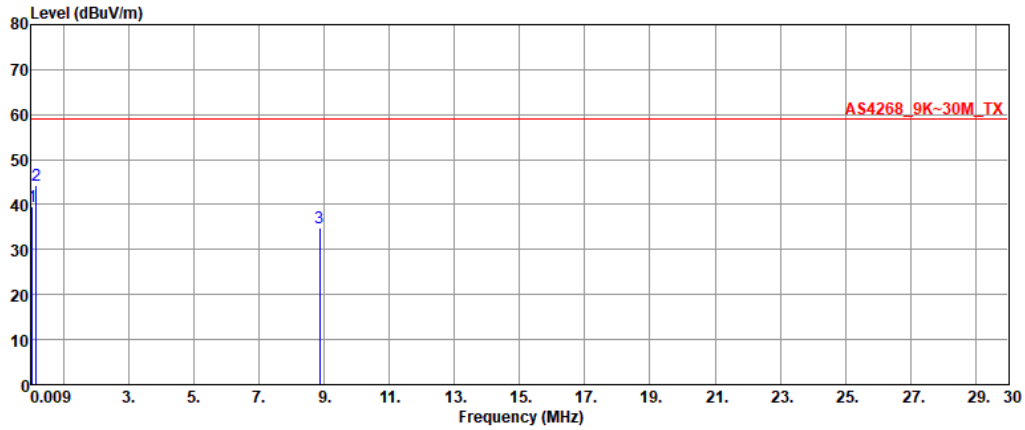
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.05	59.00	-19.95	19.22	19.83
2	6.30	35.63	59.00	-23.37	20.97	14.66
3	10.52	35.91	59.00	-23.09	21.16	14.75

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 3 : EMF2471A3S-10MH4L Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

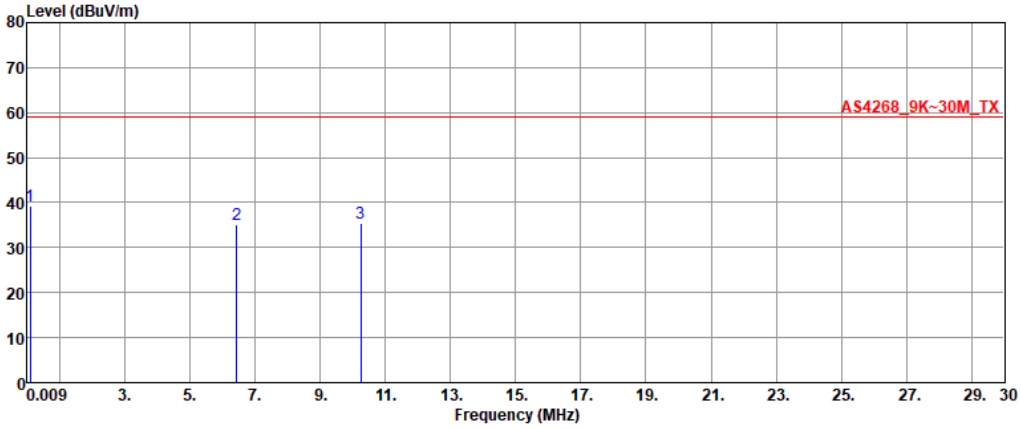


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.49	59.00	-19.51	19.82	19.67
2	0.15	44.23	59.00	-14.77	19.14	25.09
3	8.87	34.74	59.00	-24.26	20.48	14.26

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFMDA RU106	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



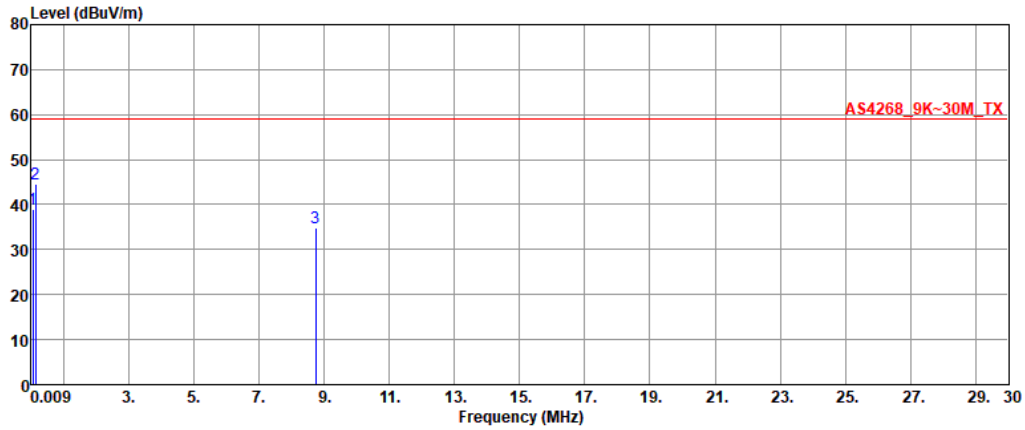
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.32	59.00	-19.68	18.72	20.60
2	6.44	35.03	59.00	-23.97	20.92	14.11
3	10.24	35.43	59.00	-23.57	21.06	14.37

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 4 : TWX-100BRS3B Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

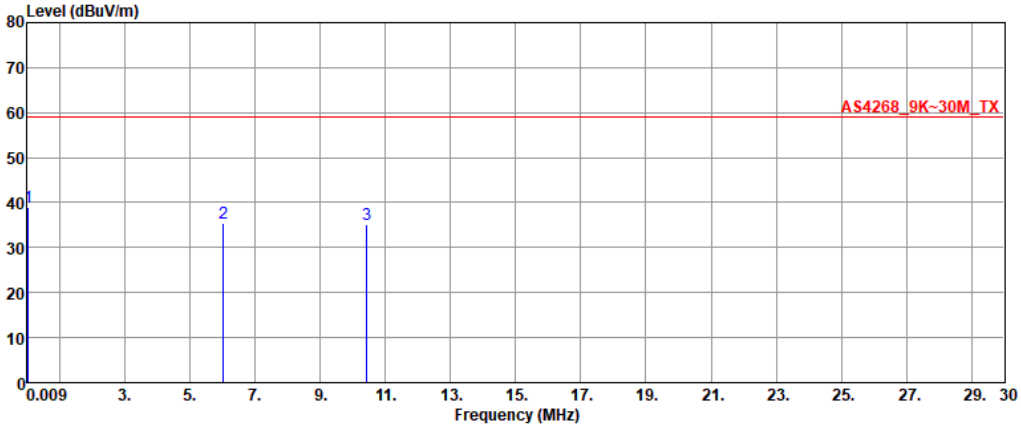


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.03	59.00	-19.97	19.93	19.10
2	0.12	44.51	59.00	-14.49	18.90	25.61
3	8.74	34.85	59.00	-24.15	20.48	14.37

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFMDA RU106	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



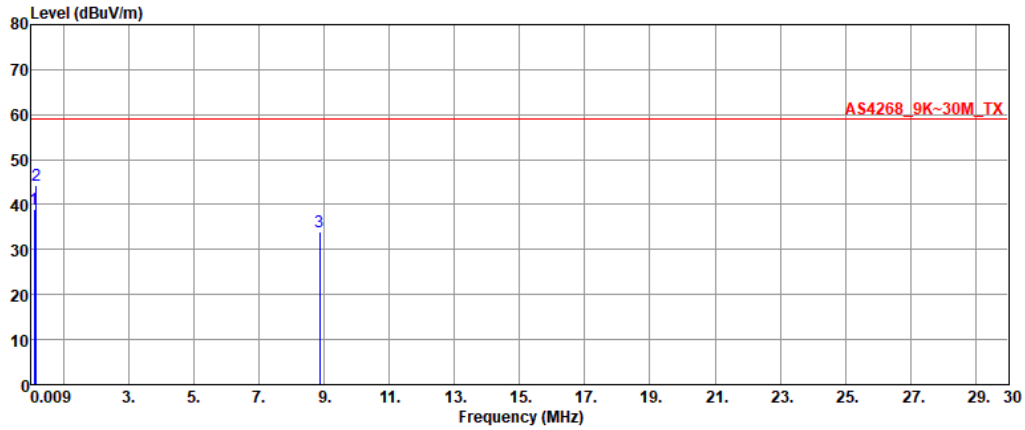
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.09	59.00	-19.91	19.76	19.33
2	6.03	35.44	59.00	-23.56	21.05	14.39
3	10.43	35.24	59.00	-23.76	21.13	14.11

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 5 : 001-0021 Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

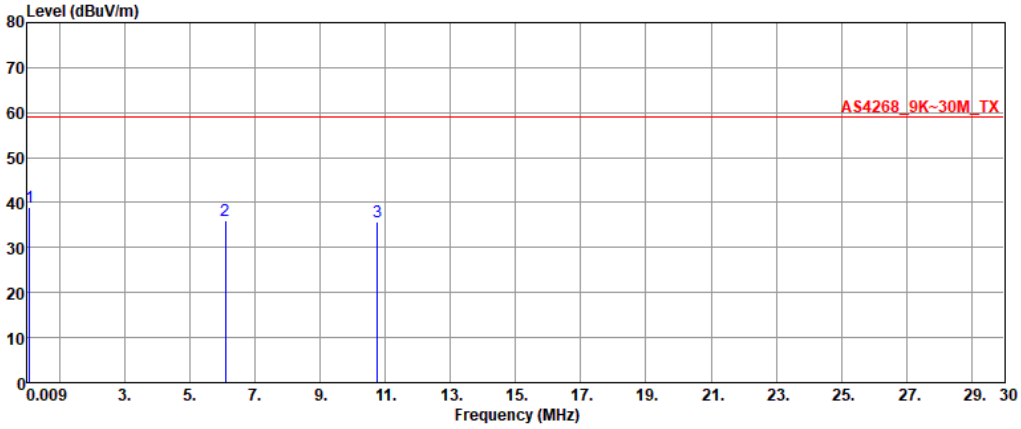


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.06	59.00	-19.94	18.82	20.24
2	0.14	44.29	59.00	-14.71	19.07	25.22
3	8.87	34.07	59.00	-24.93	20.48	13.59

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFMDA RU106	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



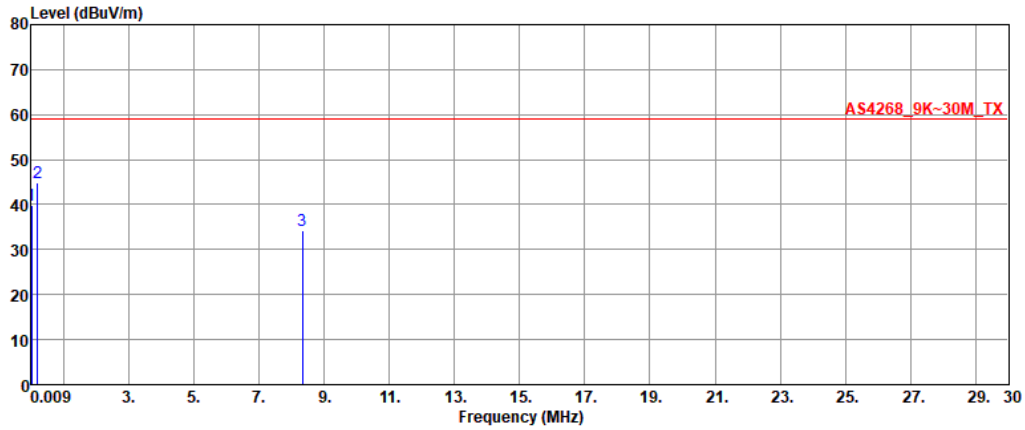
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.04	59.00	-19.96	18.69	20.35
2	6.09	35.90	59.00	-23.10	21.03	14.87
3	10.75	35.75	59.00	-23.25	21.23	14.52

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 6 : EFB2455A3S-15MH4L Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

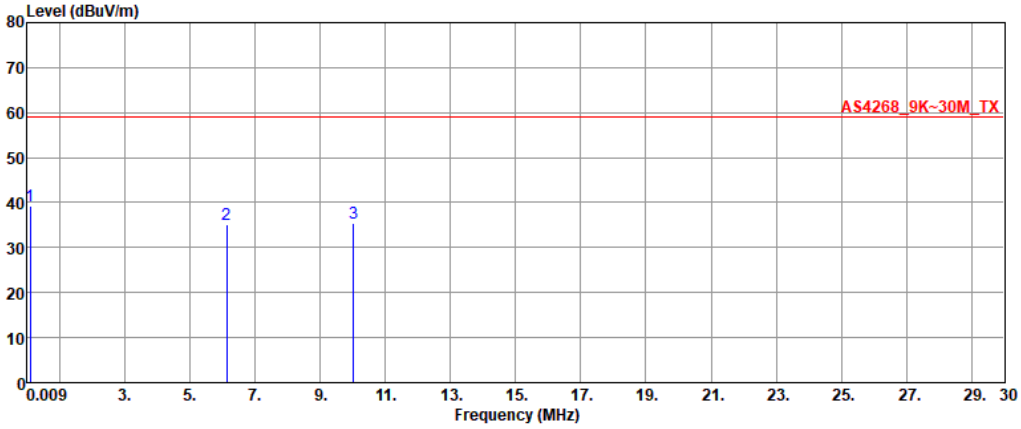


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.01	39.87	59.00	-19.13	19.02	20.85
2	0.18	44.92	59.00	-14.08	19.36	25.56
3	8.34	34.10	59.00	-24.90	20.48	13.62

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFMDA RU106	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.19	59.00	-19.81	18.84	20.35
2	6.14	35.06	59.00	-23.94	21.02	14.04
3	10.02	35.54	59.00	-23.46	21.00	14.54

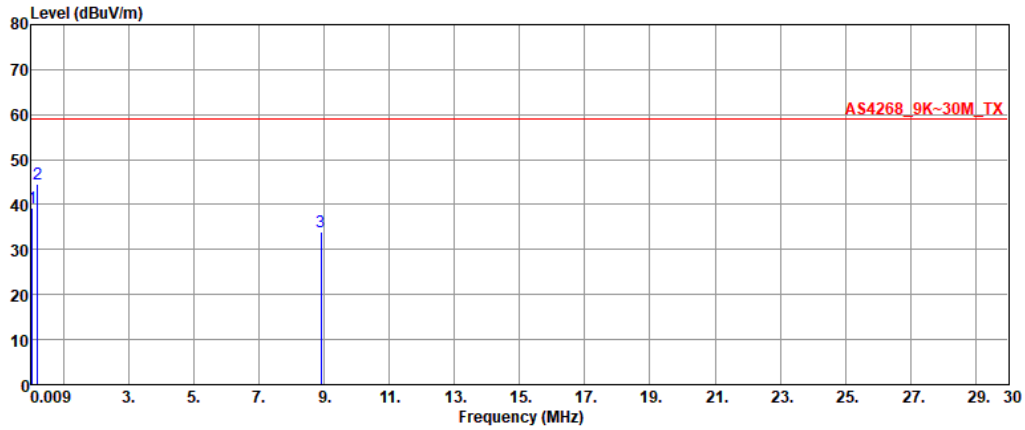
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 7 : ANT1608LL14R2460A Antenna

Emissions (≤ 30MHz)

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

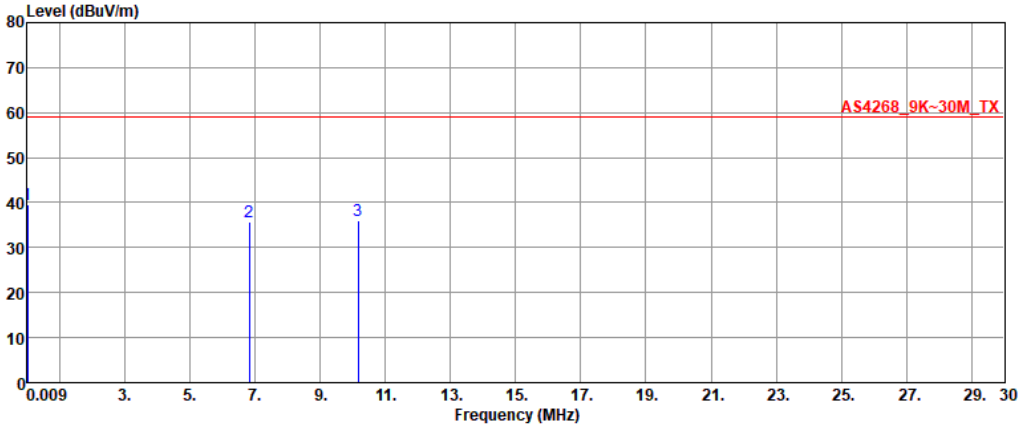


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.13	59.00	-19.87	19.79	19.34
2	0.20	44.52	59.00	-14.48	19.45	25.07
3	8.89	34.02	59.00	-24.98	20.48	13.54

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFMDA RU106	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.64	59.00	-19.36	19.56	20.08
2	6.82	35.84	59.00	-23.16	20.81	15.03
3	10.16	35.98	59.00	-23.02	21.04	14.94

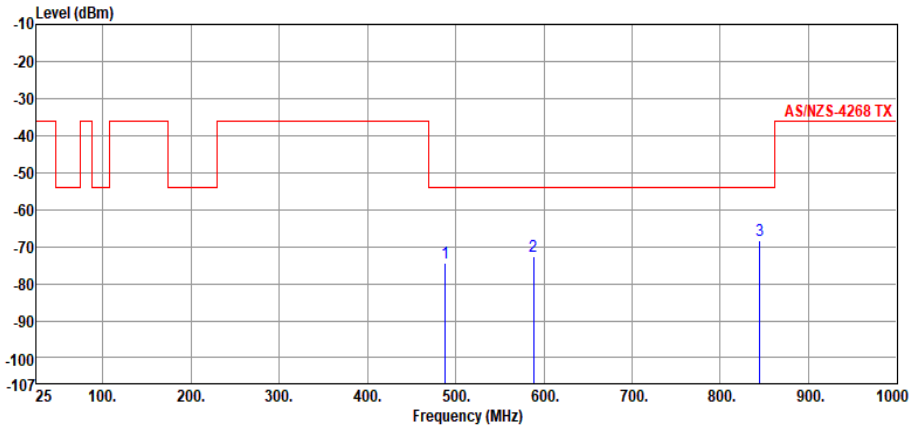
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

full RU configuration

Emissions (Below 1GHz)

Modulation	11A	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

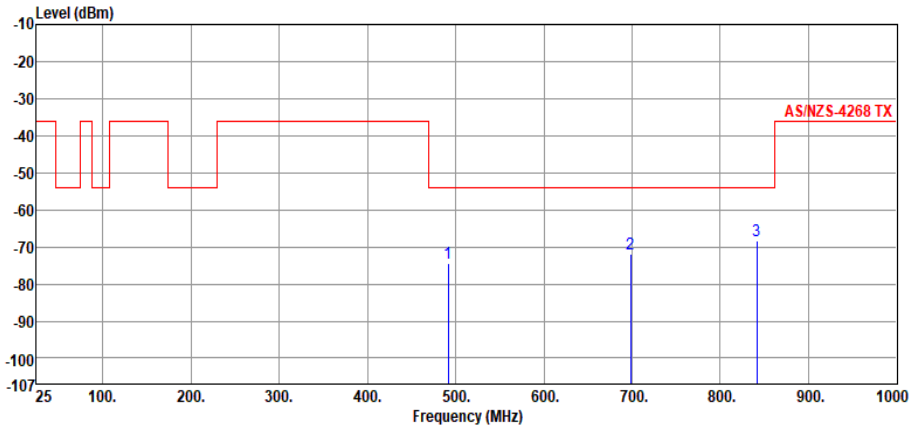


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	488.13	-74.55	-54.00	-20.55	2.20	-76.75
2	588.55	-72.51	-54.00	-18.51	4.81	-77.32
3	844.98	-68.30	-54.00	-14.30	8.56	-76.86

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

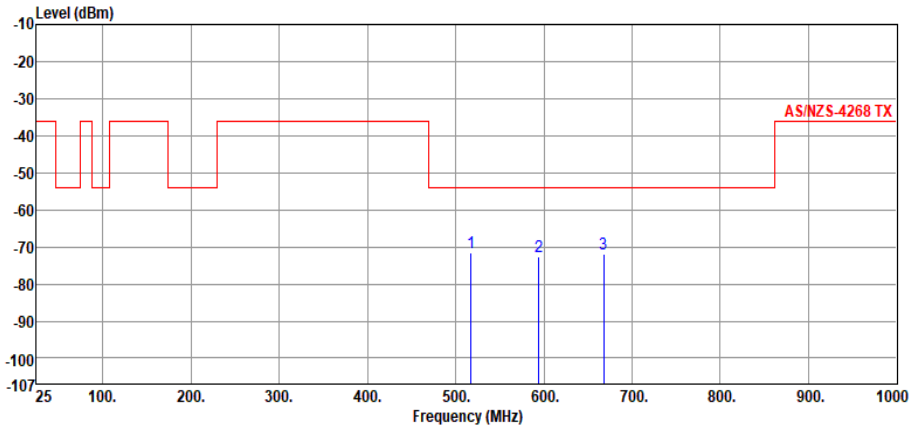


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	491.77	-74.33	-54.00	-20.33	2.51	-76.84
2	698.19	-71.89	-54.00	-17.89	6.22	-78.11
3	841.70	-68.23	-54.00	-14.23	8.55	-76.78

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

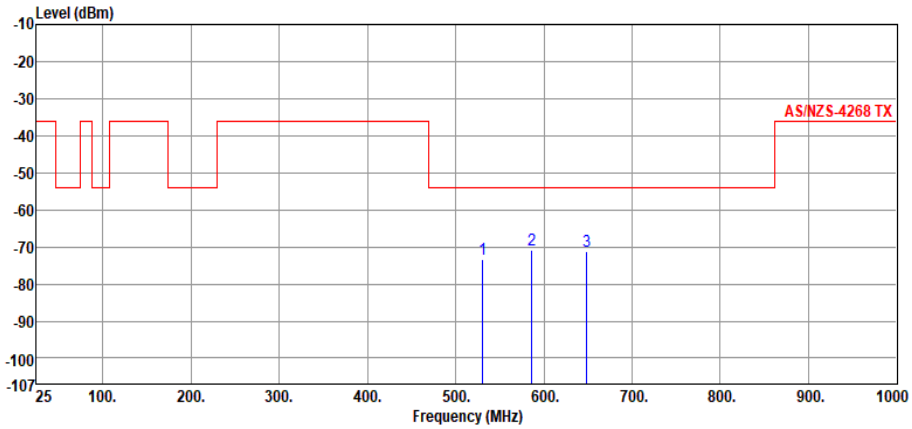


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	517.71	-71.42	-54.00	-17.42	3.22	-74.64
2	594.63	-72.49	-54.00	-18.49	4.89	-77.38
3	667.66	-71.99	-54.00	-17.99	5.66	-77.65

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

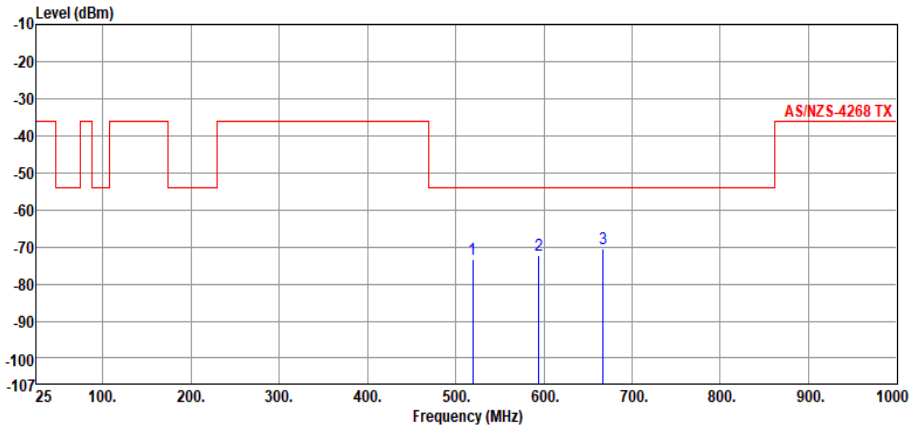


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	530.99	-73.41	-54.00	-19.41	3.49	-76.90
2	586.08	-70.69	-54.00	-16.69	4.76	-75.45
3	648.71	-71.24	-54.00	-17.24	5.28	-76.52

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

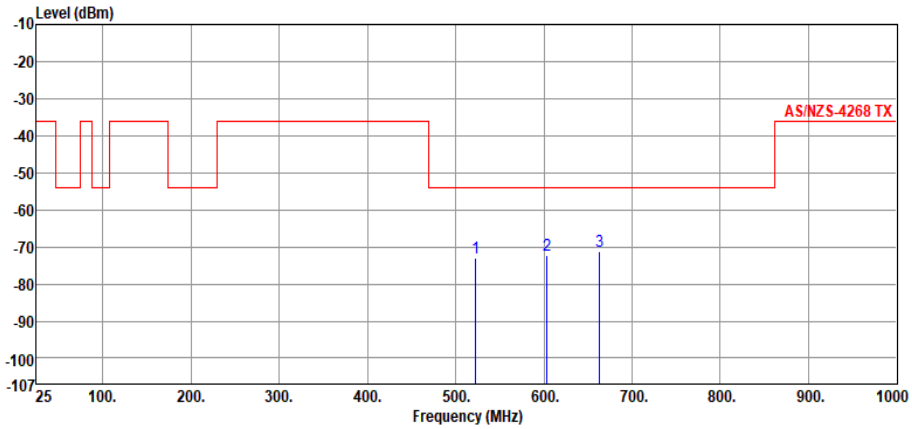


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	519.26	-73.48	-54.00	-19.48	3.36	-76.84
2	594.24	-72.13	-54.00	-18.13	4.89	-77.02
3	667.26	-70.55	-54.00	-16.55	5.66	-76.21

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

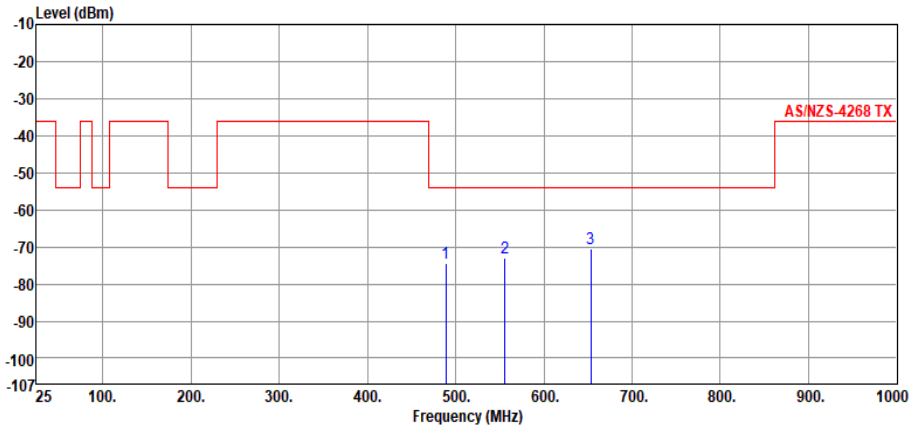


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	522.49	-73.01	-54.00	-19.01	3.41	-76.42
2	603.55	-72.33	-54.00	-18.33	5.24	-77.57
3	663.12	-71.34	-54.00	-17.34	5.42	-76.76

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

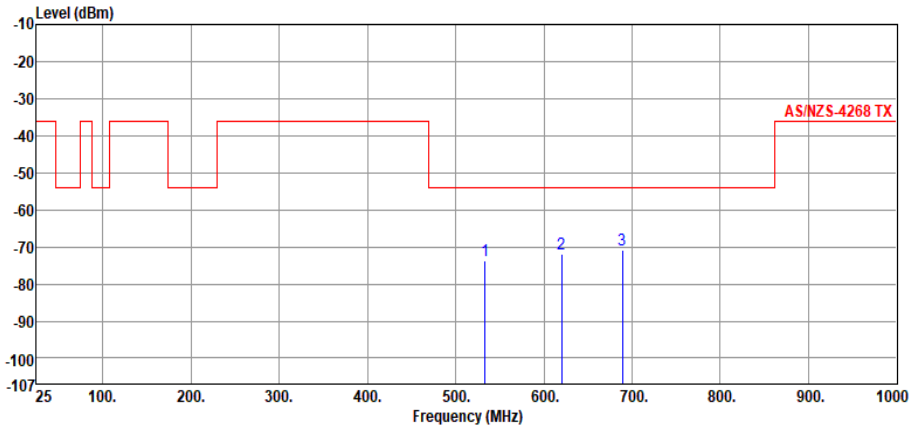


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	488.91	-74.32	-54.00	-20.32	2.22	-76.54
2	555.65	-72.87	-54.00	-18.87	3.76	-76.63
3	653.36	-70.61	-54.00	-16.61	5.73	-76.34

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

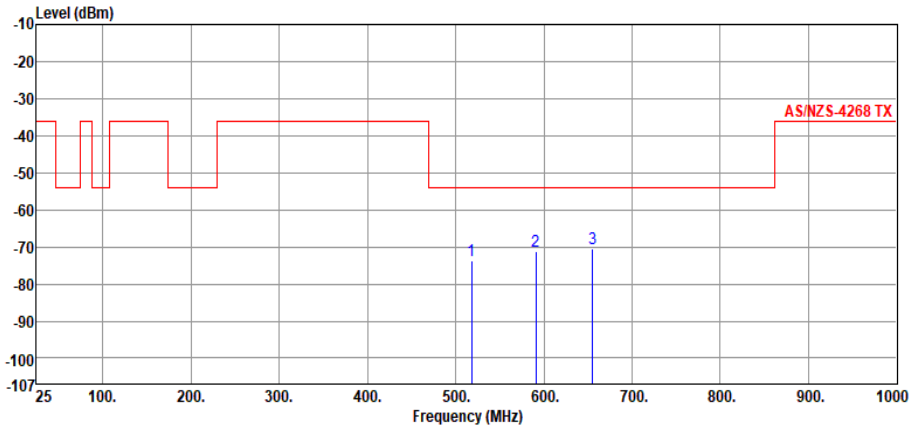


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	533.45	-73.55	-54.00	-19.55	3.52	-77.07
2	620.11	-71.99	-54.00	-17.99	5.16	-77.15
3	689.34	-70.95	-54.00	-16.95	6.25	-77.20

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

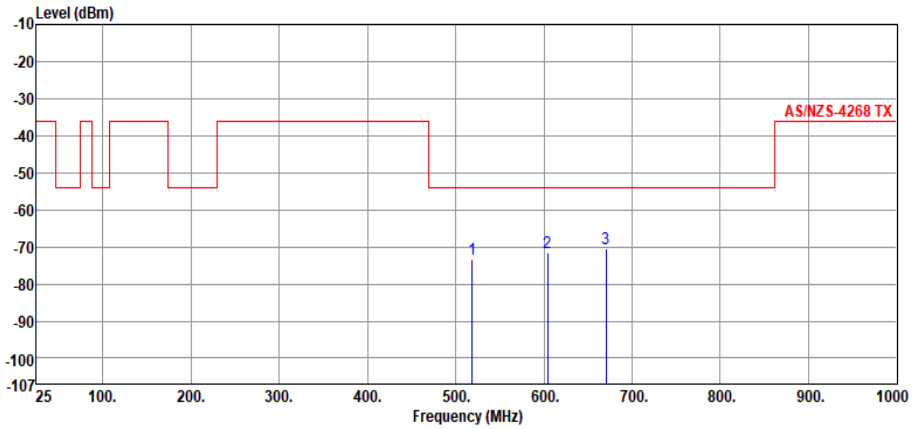


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	517.95	-73.75	-54.00	-19.75	3.24	-76.99
2	590.95	-71.15	-54.00	-17.15	4.87	-76.02
3	655.25	-70.37	-54.00	-16.37	5.78	-76.15

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

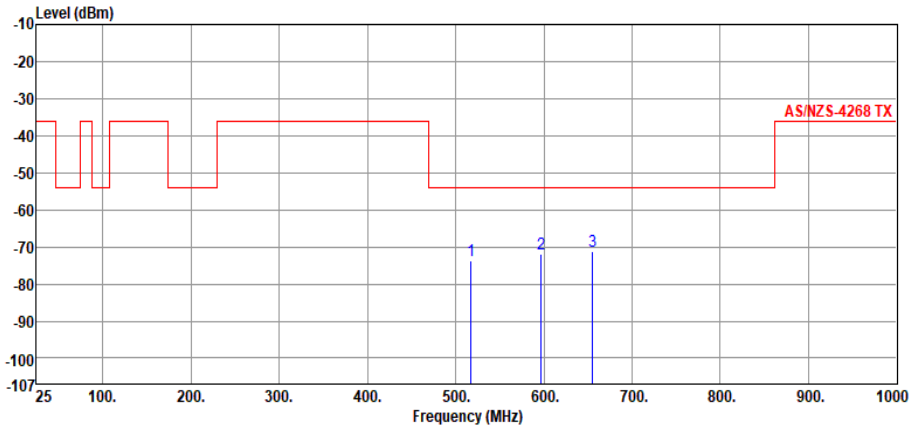


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	518.81	-73.51	-54.00	-19.51	3.41	-76.92
2	604.26	-71.73	-54.00	-17.73	5.25	-76.98
3	670.31	-70.41	-54.00	-16.41	5.70	-76.11

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

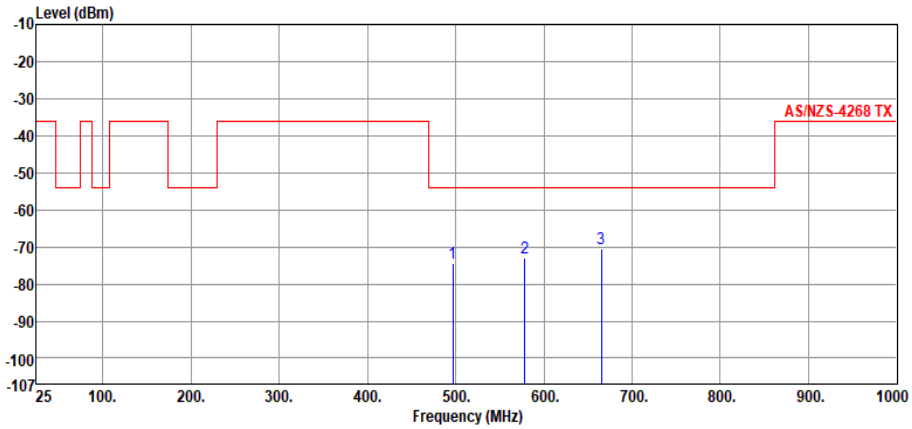


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	517.64	-73.84	-54.00	-19.84	3.22	-77.06
2	596.99	-71.78	-54.00	-17.78	4.87	-76.65
3	655.22	-71.33	-54.00	-17.33	5.78	-77.11

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

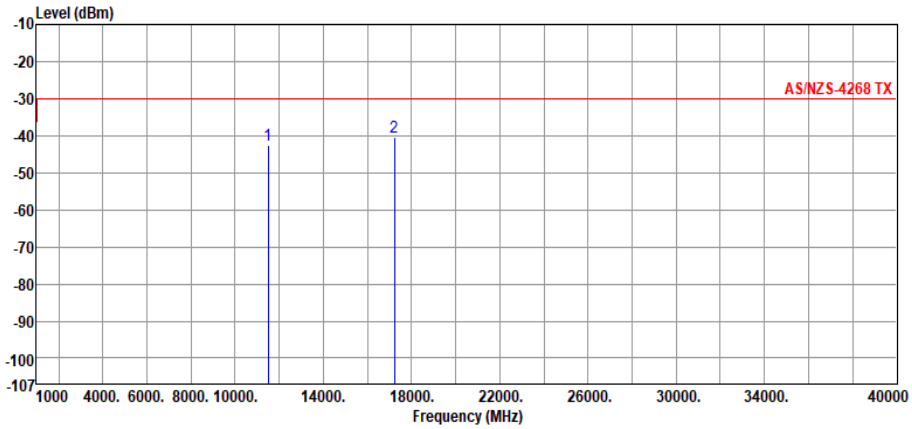


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	496.94	-74.57	-54.00	-20.57	2.65	-77.22
2	578.34	-72.96	-54.00	-18.96	4.69	-77.65
3	664.99	-70.65	-54.00	-16.65	5.41	-76.06

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

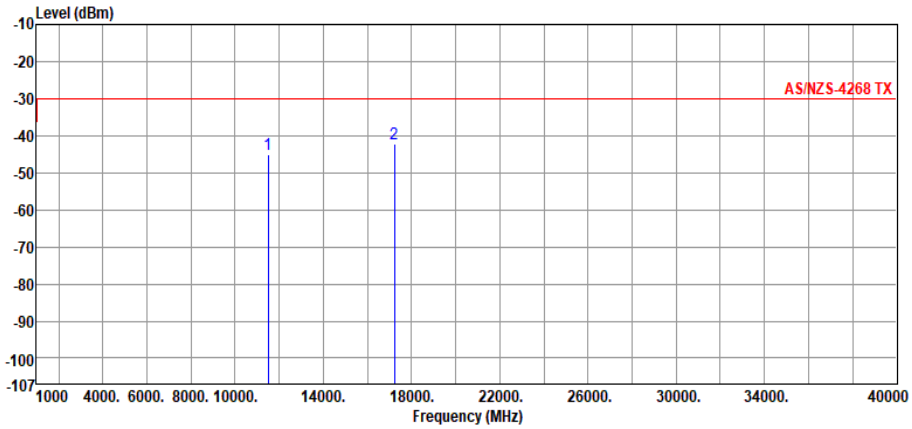


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11492.13	-42.42	-30.00	-12.42	21.59	-64.01
2	17235.92	-40.47	-30.00	-10.47	23.65	-64.12

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

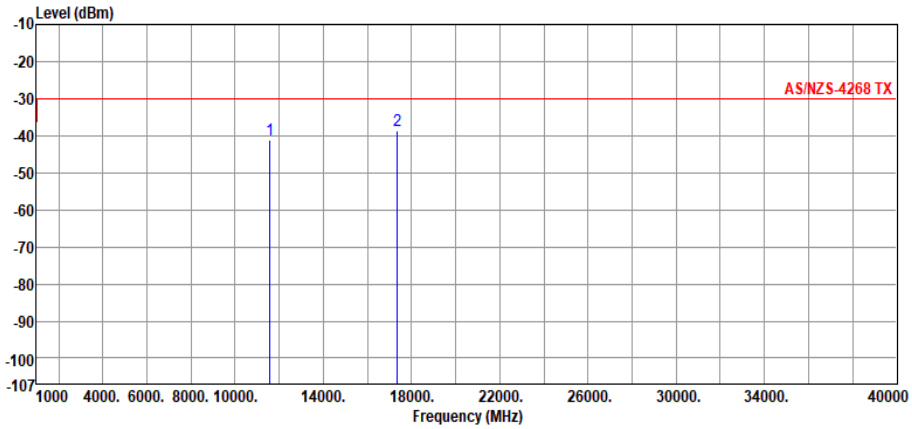


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11488.91	-45.09	-30.00	-15.09	20.74	-65.83
2	17235.06	-42.06	-30.00	-12.06	23.89	-65.95

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

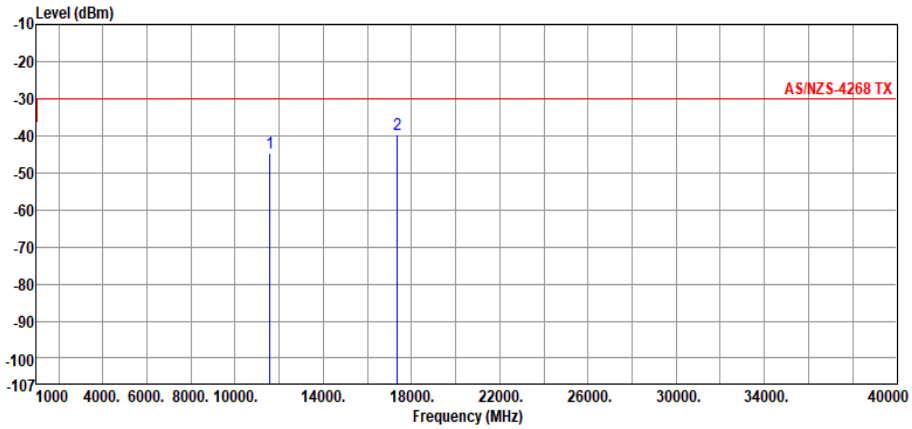


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11567.82	-41.23	-30.00	-11.23	21.54	-62.77
2	17363.44	-38.68	-30.00	-8.68	25.30	-63.98

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

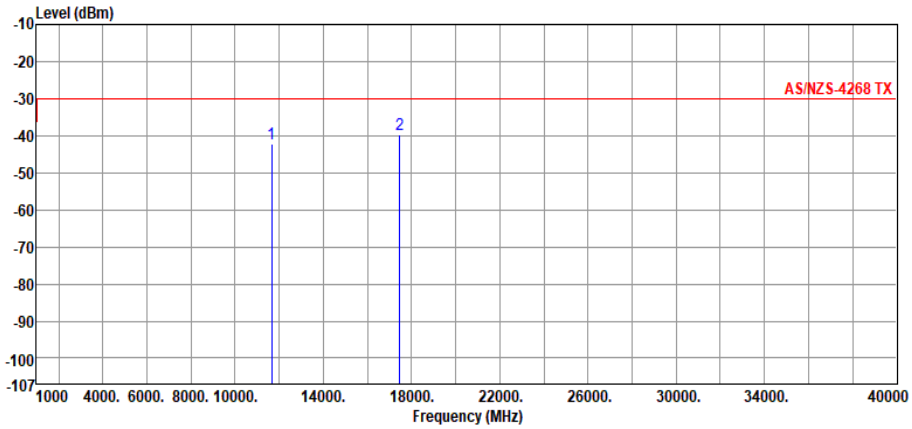


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11568.46	-44.57	-30.00	-14.57	20.48	-65.05
2	17354.13	-39.57	-30.00	-9.57	24.80	-64.37

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

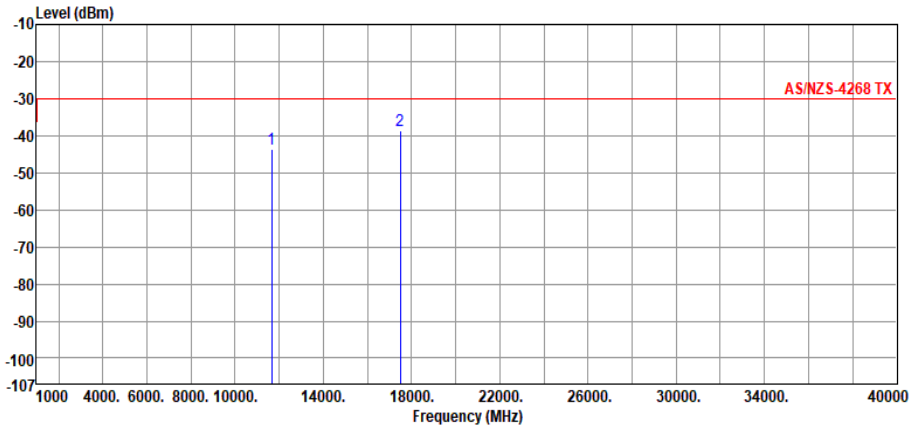


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11648.74	-42.27	-30.00	-12.27	20.34	-62.61
2	17474.01	-39.58	-30.00	-9.58	25.36	-64.94

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11A	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

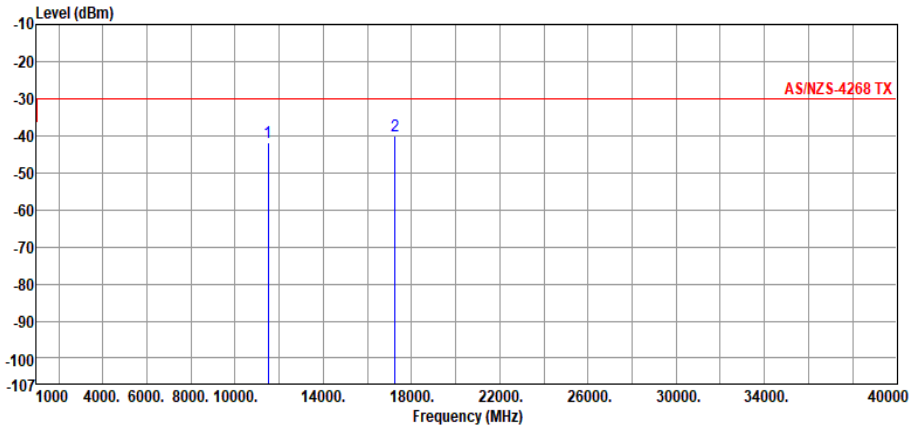


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11661.42	-43.78	-30.00	-13.78	20.63	-64.41
2	17483.06	-38.57	-30.00	-8.57	25.15	-63.72

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

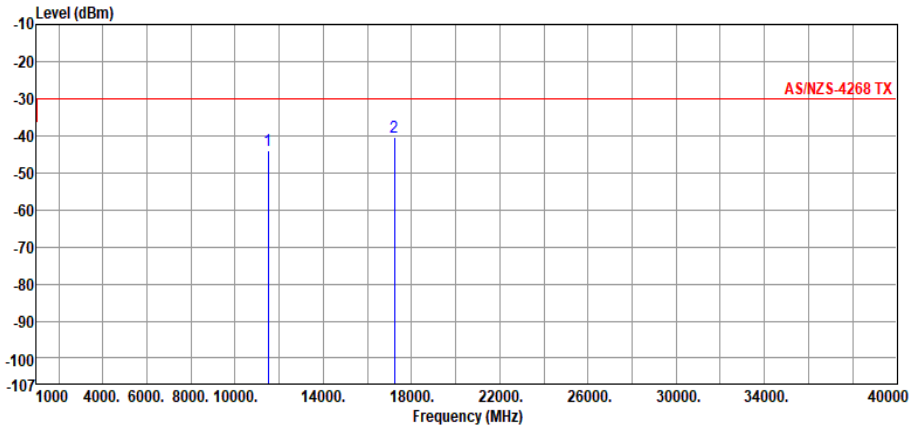


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11493.00	-41.86	-30.00	-11.86	21.59	-63.45
2	17239.42	-40.06	-30.00	-10.06	23.68	-63.74

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

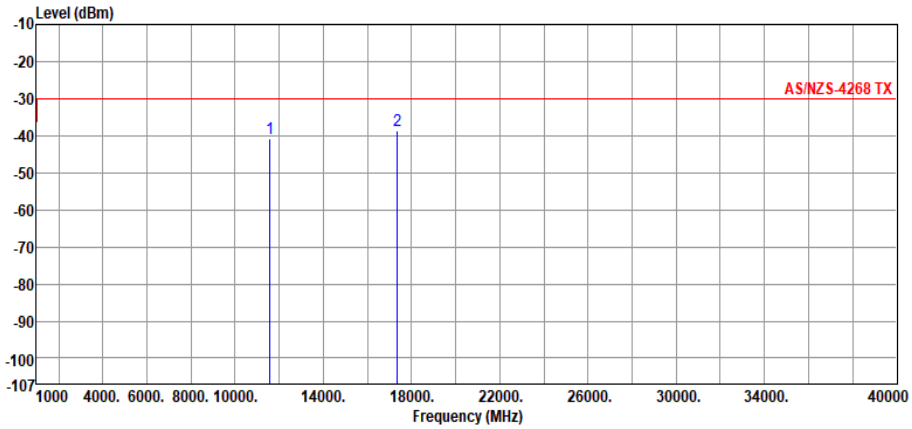


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11490.93	-44.06	-30.00	-14.06	20.73	-64.79
2	17234.88	-40.47	-30.00	-10.47	23.88	-64.35

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

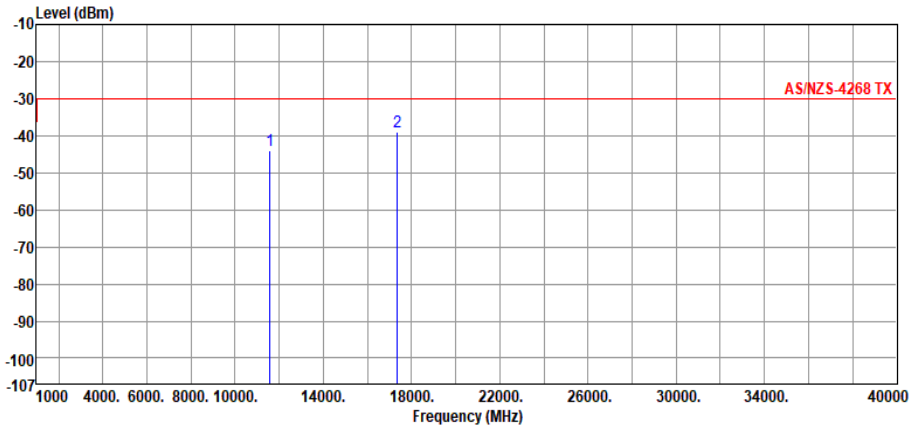


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11569.45	-40.79	-30.00	-10.79	21.53	-62.32
2	17364.07	-38.69	-30.00	-8.69	25.31	-64.00

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

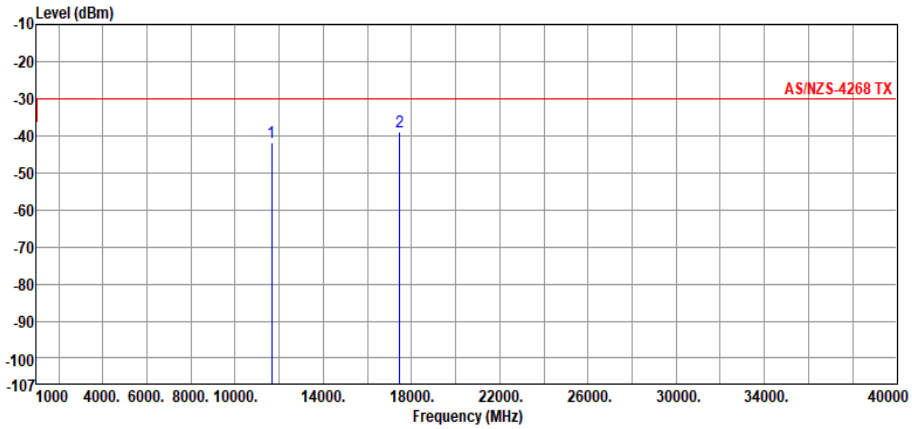


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11566.58	-44.10	-30.00	-14.10	20.49	-64.59
2	17355.21	-39.12	-30.00	-9.12	24.80	-63.92

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

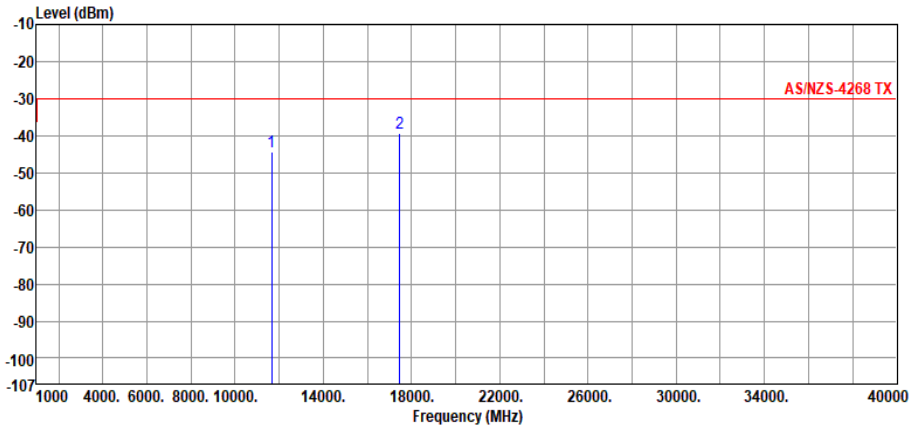


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11653.31	-41.93	-30.00	-11.93	20.23	-62.16
2	17470.70	-39.01	-30.00	-9.01	25.38	-64.39

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11AX20_OFDMA	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11649.87	-44.43	-30.00	-14.43	20.58	-65.01
2	17475.50	-39.21	-30.00	-9.21	25.12	-64.33

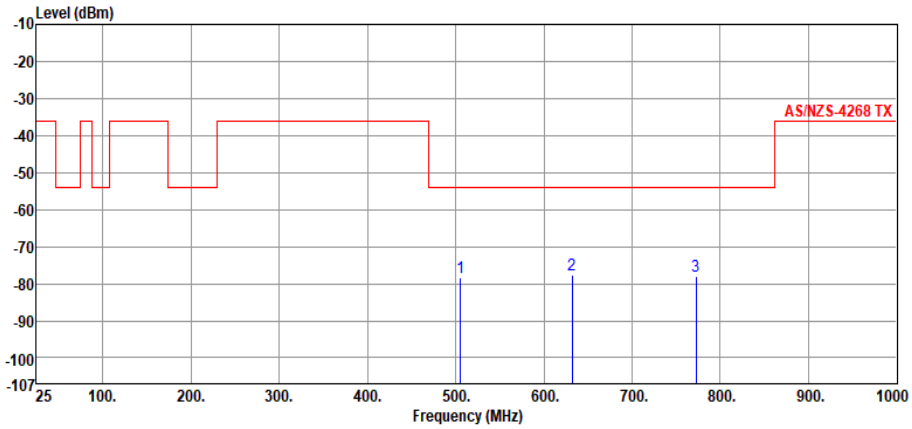
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

full RU configuration

Emissions (Below 1GHz)

Modulation	11a	Test Freq. (MHz)	5745
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

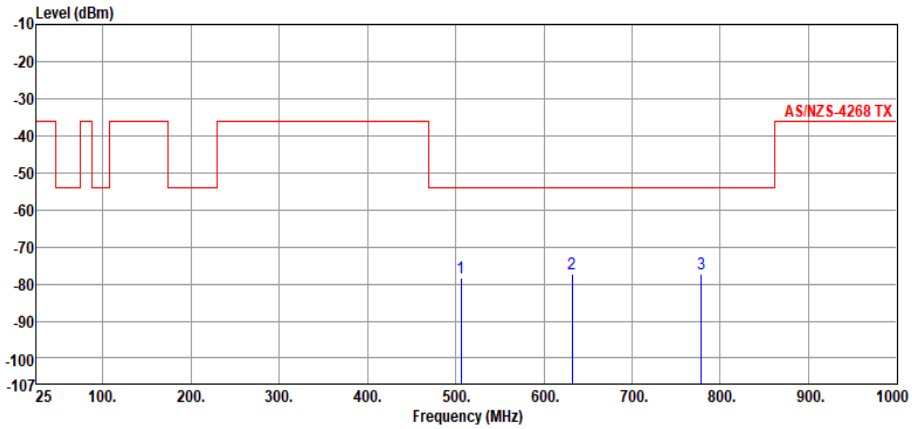


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	505.41	-78.21	-54.00	-24.21	0.00	-78.21
2	632.35	-77.52	-54.00	-23.52	0.00	-77.52
3	772.32	-77.85	-54.00	-23.85	0.00	-77.85

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5785
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

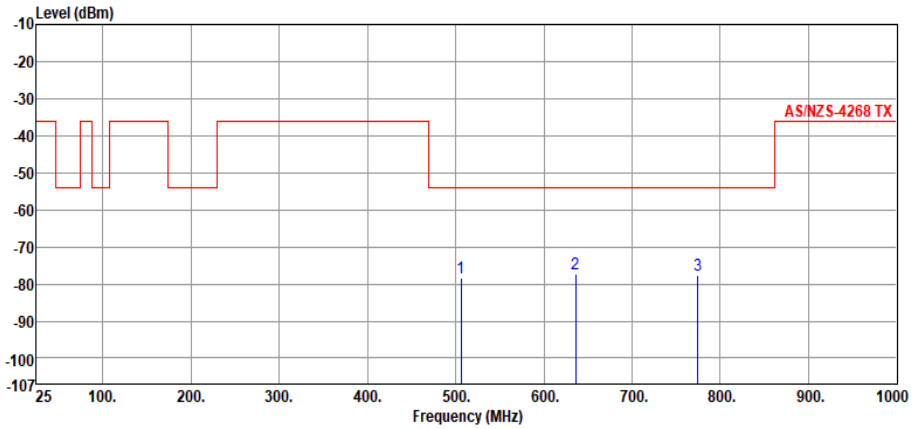


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	506.32	-78.51	-54.00	-24.51	0.00	-78.51
2	632.30	-77.41	-54.00	-23.41	0.00	-77.41
3	778.32	-77.25	-54.00	-23.25	0.00	-77.25

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

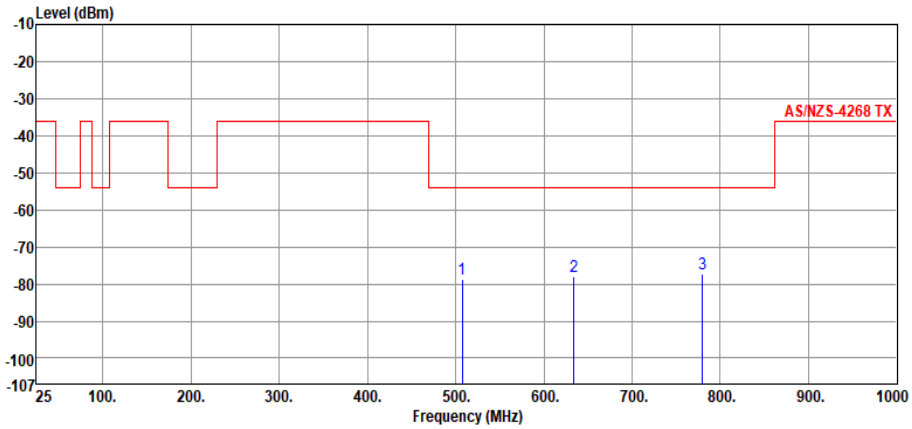


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	506.00	-78.21	-54.00	-24.21	0.00	-78.21
2	635.84	-77.16	-54.00	-23.16	0.00	-77.16
3	774.34	-77.78	-54.00	-23.78	0.00	-77.78

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11aX20_OFDMA	**Test Freq. (MHz)**	5745
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

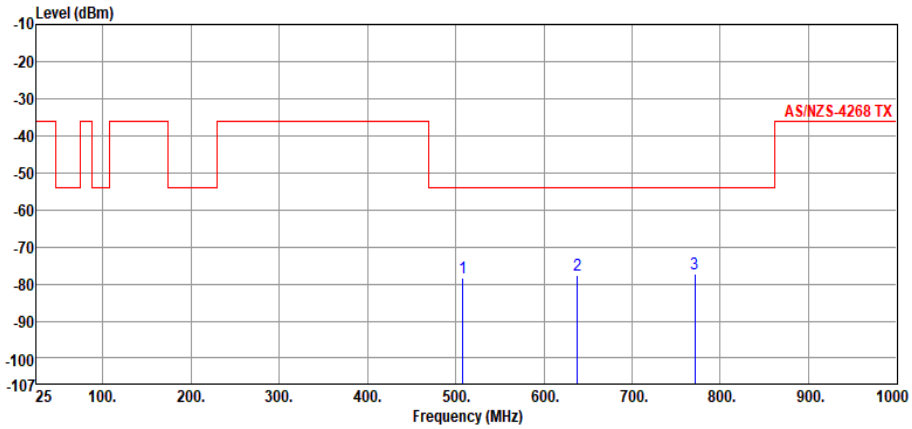


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	507.63	-78.88	-54.00	-24.88	0.00	-78.88
2	634.38	-77.97	-54.00	-23.97	0.00	-77.97
3	779.65	-77.27	-54.00	-23.27	0.00	-77.27

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11aX20_OFDMA	**Test Freq. (MHz)**	5785
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

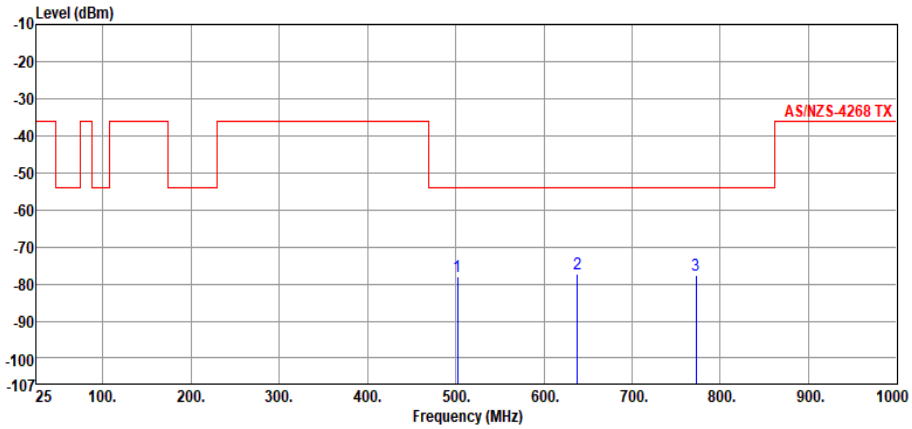


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	508.35	-78.45	-54.00	-24.45	0.00	-78.45
2	638.23	-77.54	-54.00	-23.54	0.00	-77.54
3	771.21	-77.29	-54.00	-23.29	0.00	-77.29

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11aX20_OFDMA	**Test Freq. (MHz)**	5825
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

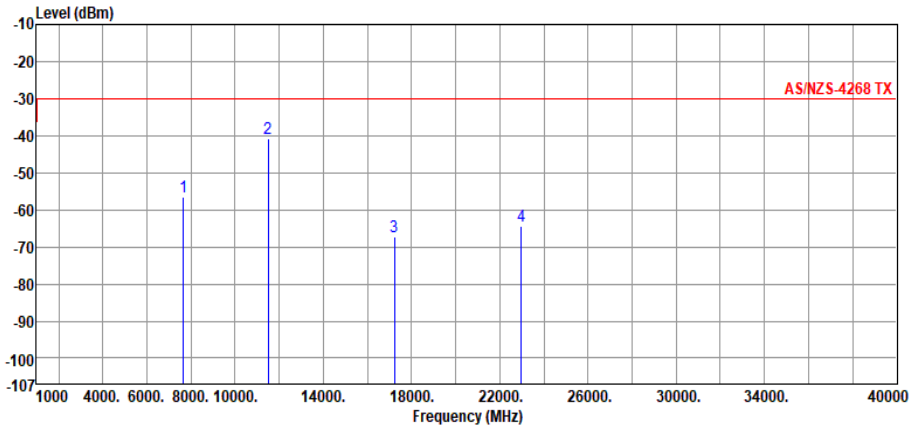


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	502.16	-78.12	-54.00	-24.12	0.00	-78.12
2	638.25	-77.45	-54.00	-23.45	0.00	-77.45
3	772.35	-77.54	-54.00	-23.54	0.00	-77.54

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5745
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

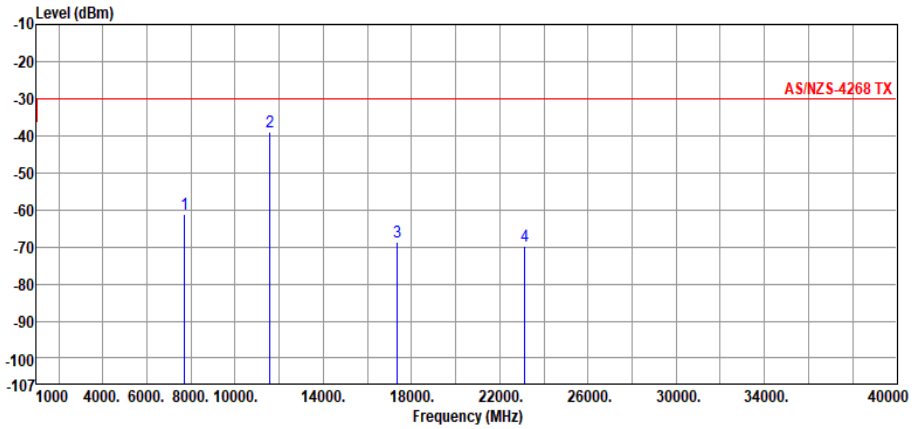


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7661.45	-56.70	-30.00	-26.70	0.00	-56.70
2	11490.40	-40.70	-30.00	-10.70	0.00	-40.70
3	17236.30	-67.37	-30.00	-37.37	0.00	-67.37
4	22977.85	-64.31	-30.00	-34.31	0.00	-64.31

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5785
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

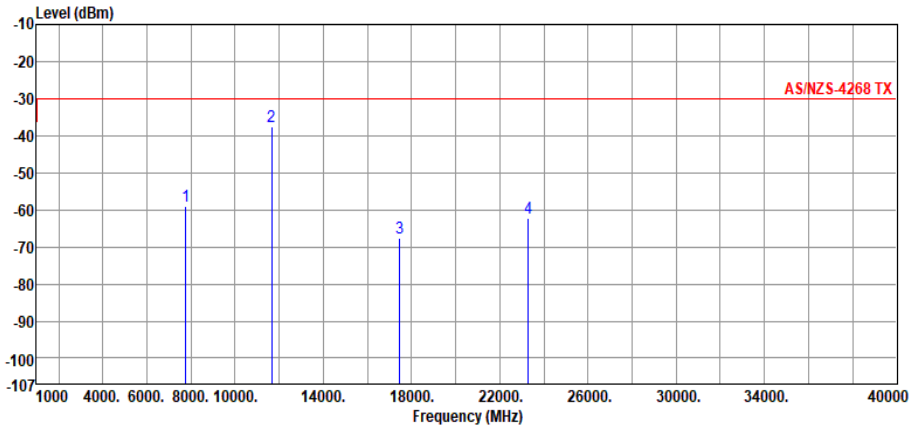


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7710.95	-61.29	-30.00	-31.29	0.00	-61.29
2	11573.60	-38.85	-30.00	-8.85	0.00	-38.85
3	17348.05	-68.68	-30.00	-38.68	0.00	-68.68
4	23144.00	-69.67	-30.00	-39.67	0.00	-69.67

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

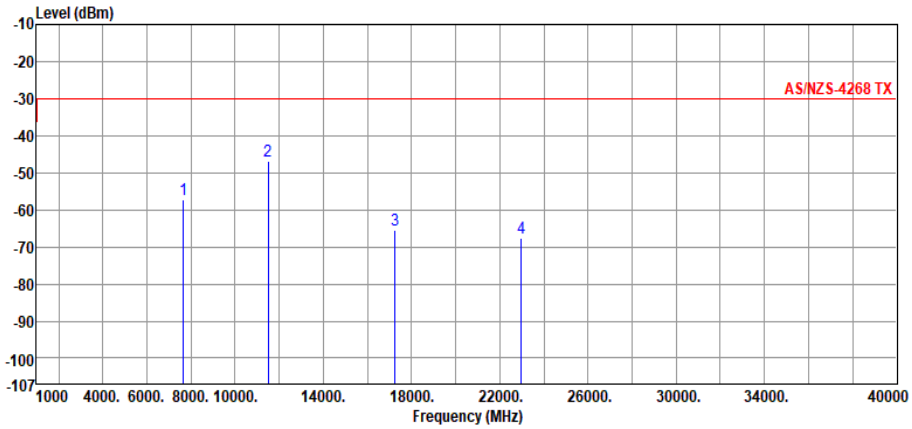


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7768.05	-59.19	-30.00	-29.19	0.00	-59.19
2	11645.40	-37.72	-30.00	-7.72	0.00	-37.72
3	17469.95	-67.59	-30.00	-37.59	0.00	-67.59
4	23298.50	-62.16	-30.00	-32.16	0.00	-62.16

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11aX20_OFDMA	**Test Freq. (MHz)**	5745
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

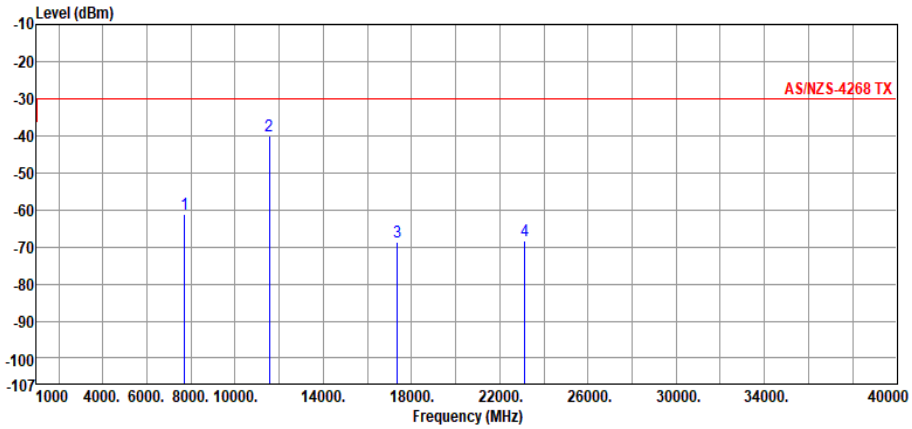


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7660.10	-57.38	-30.00	-27.38	0.00	-57.38
2	11492.50	-46.73	-30.00	-16.73	0.00	-46.73
3	17244.80	-65.47	-30.00	-35.47	0.00	-65.47
4	22980.60	-67.77	-30.00	-37.77	0.00	-67.77

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11aX20_OFDMA	**Test Freq. (MHz)**	5785
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

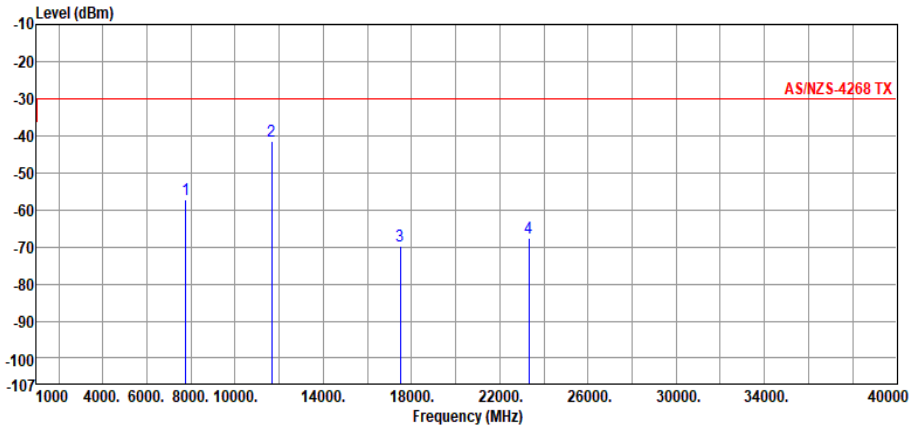


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7714.30	-61.21	-30.00	-31.21	0.00	-61.21
2	11563.60	-40.05	-30.00	-10.05	0.00	-40.05
3	17358.75	-68.56	-30.00	-38.56	0.00	-68.56
4	23150.15	-68.24	-30.00	-38.24	0.00	-68.24

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11aX20_OFDMA	**Test Freq. (MHz)**	5825
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7765.90	-57.27	-30.00	-27.27	0.00	-57.27
2	11649.60	-41.45	-30.00	-11.45	0.00	-41.45
3	17479.10	-69.61	-30.00	-39.61	0.00	-69.61
4	23316.80	-67.50	-30.00	-37.50	0.00	-67.50

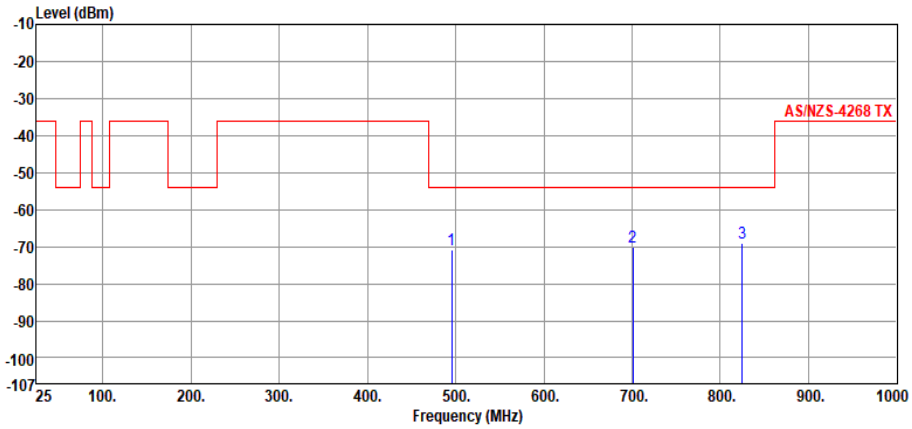
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

partial RU configuration

Emissions (Below 1GHz)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

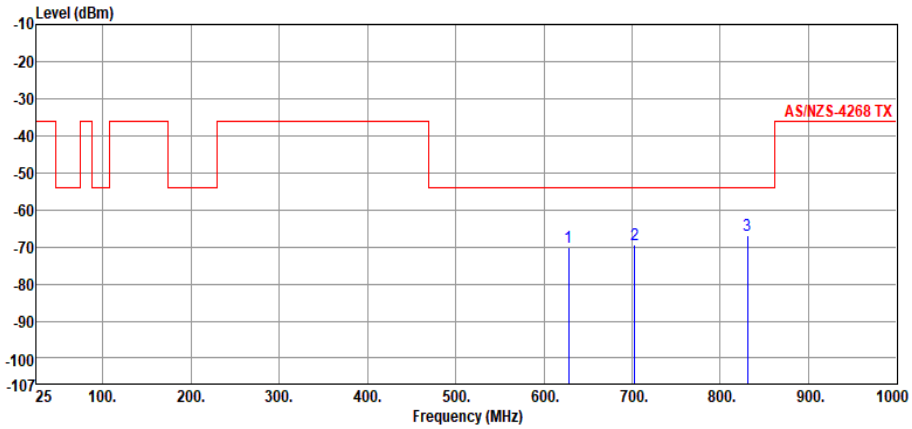


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	495.68	-70.88	-54.00	-16.88	2.34	-73.22
2	701.12	-70.01	-54.00	-16.01	6.44	-76.45
3	825.02	-69.04	-54.00	-15.04	8.59	-77.63

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

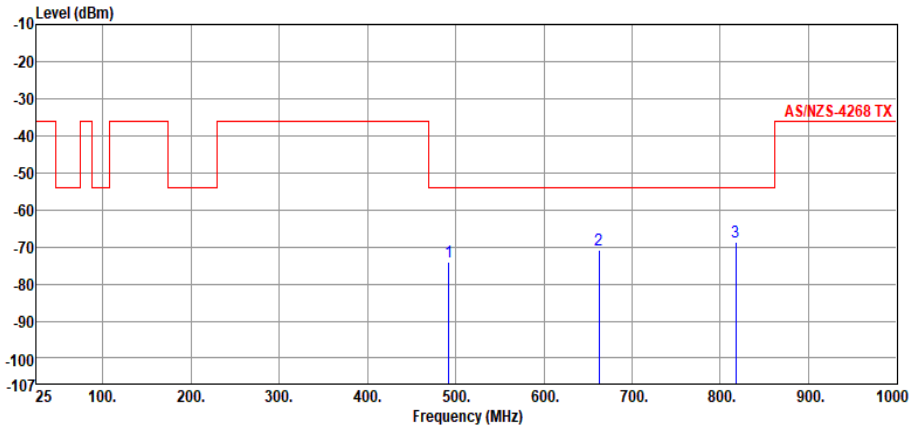


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	628.33	-70.11	-54.00	-16.11	5.25	-75.36
2	703.09	-69.25	-54.00	-15.25	6.24	-75.49
3	830.99	-66.86	-54.00	-12.86	8.59	-75.45

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

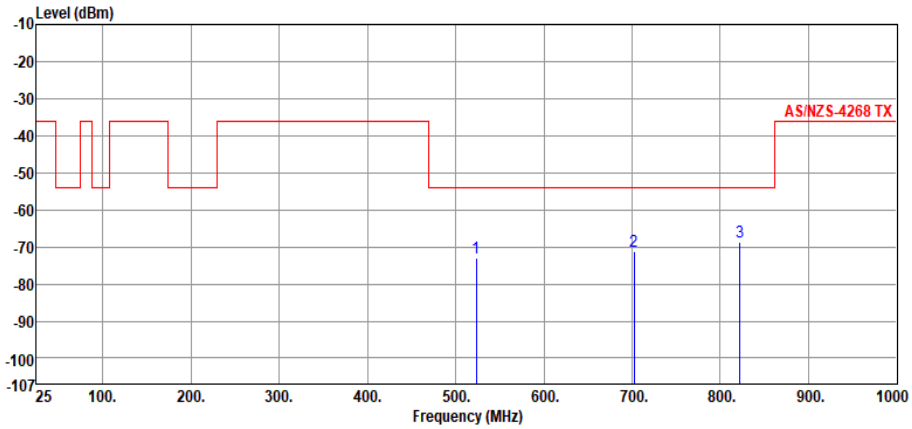


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	492.03	-74.19	-54.00	-20.19	2.26	-76.45
2	662.65	-70.70	-54.00	-16.70	5.72	-76.42
3	817.68	-68.71	-54.00	-14.71	8.38	-77.09

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

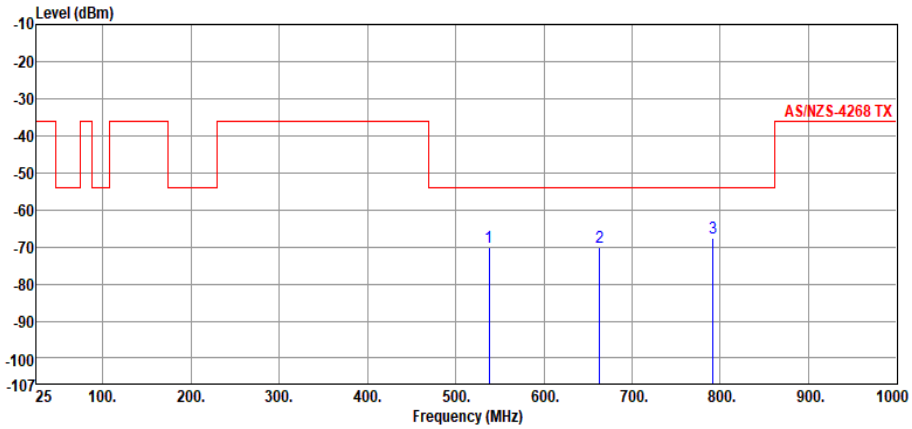


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	523.23	-72.97	-54.00	-18.97	3.38	-76.35
2	702.63	-71.19	-54.00	-17.19	6.24	-77.43
3	822.55	-68.84	-54.00	-14.84	8.73	-77.57

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

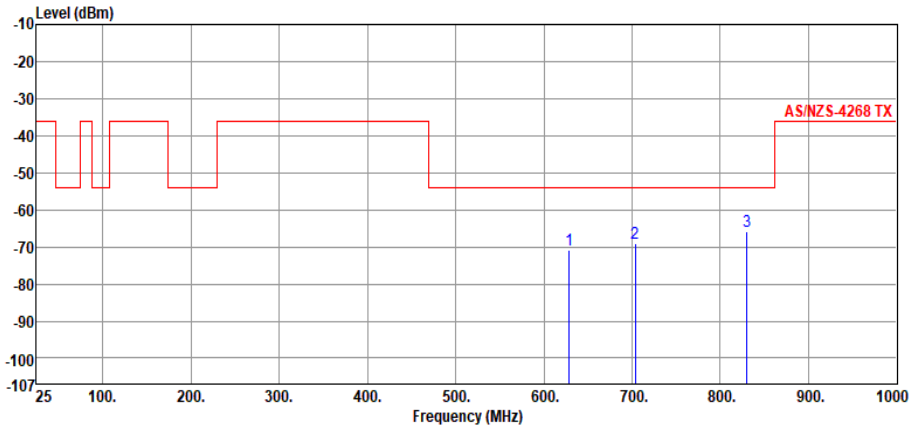


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	537.91	-70.28	-54.00	-16.28	3.74	-74.02
2	663.27	-70.31	-54.00	-16.31	5.71	-76.02
3	791.79	-67.46	-54.00	-13.46	7.87	-75.33

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

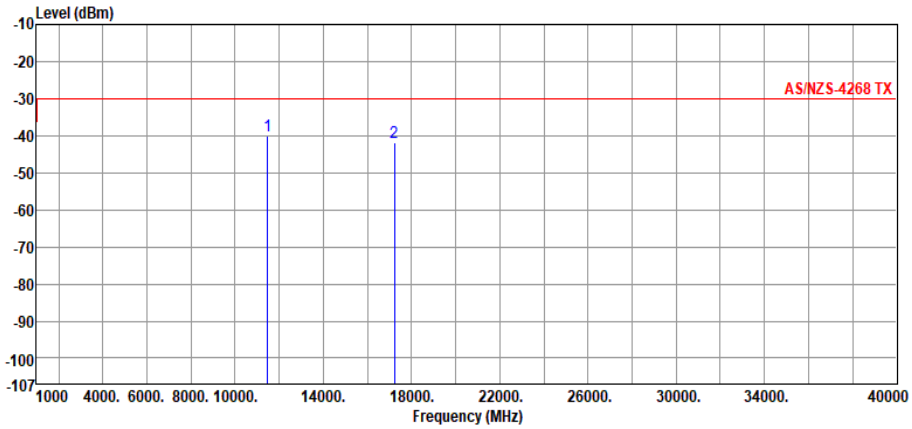


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	628.61	-70.71	-54.00	-16.71	5.25	-75.96
2	703.46	-69.23	-54.00	-15.23	6.24	-75.47
3	830.10	-66.01	-54.00	-12.01	8.59	-74.60

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

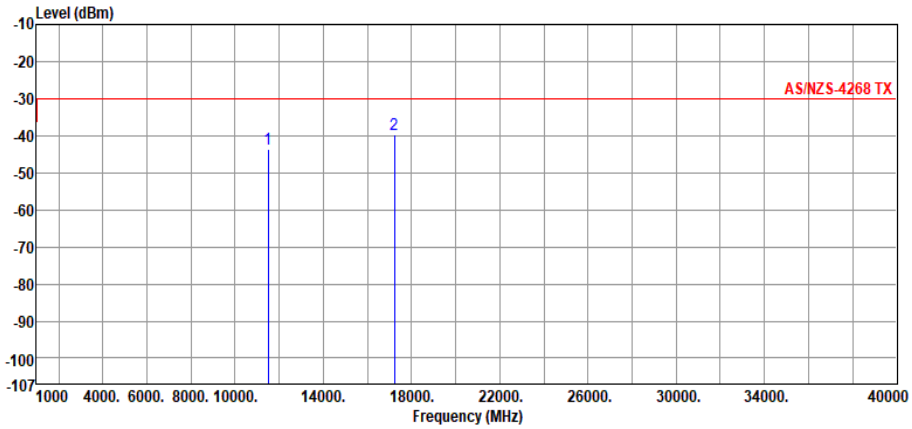


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11482.96	-40.03	-30.00	-10.03	21.62	-61.65
2	17234.52	-41.86	-30.00	-11.86	23.64	-65.50

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

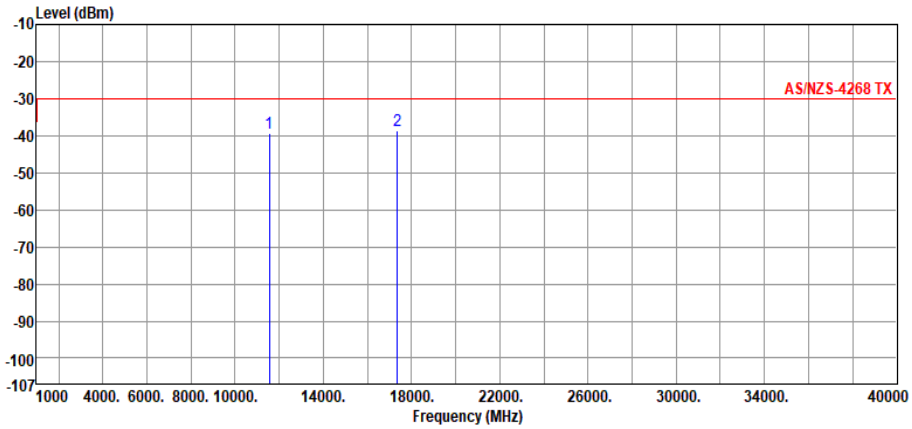


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11488.18	-43.68	-30.00	-13.68	20.74	-64.42
2	17238.76	-39.62	-30.00	-9.62	23.94	-63.56

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

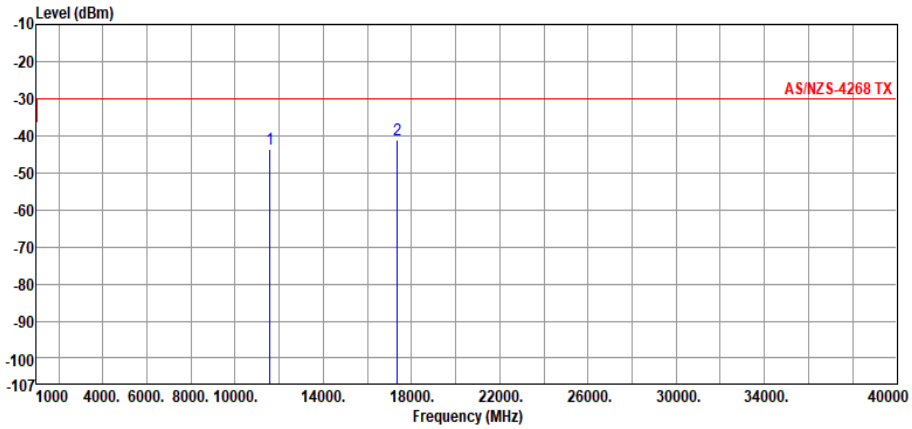


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11560.54	-39.47	-30.00	-9.47	21.54	-61.01
2	17355.00	-38.55	-30.00	-8.55	25.15	-63.70

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

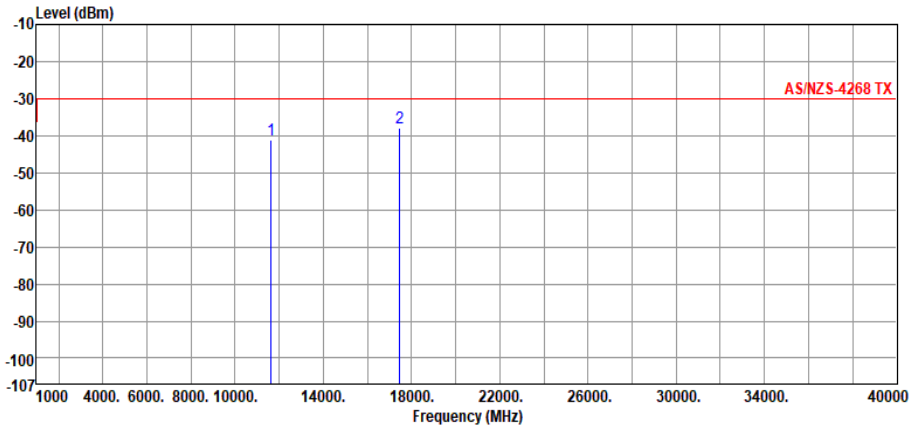


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11570.42	-43.79	-30.00	-13.79	20.47	-64.26
2	17355.59	-41.16	-30.00	-11.16	24.80	-65.96

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

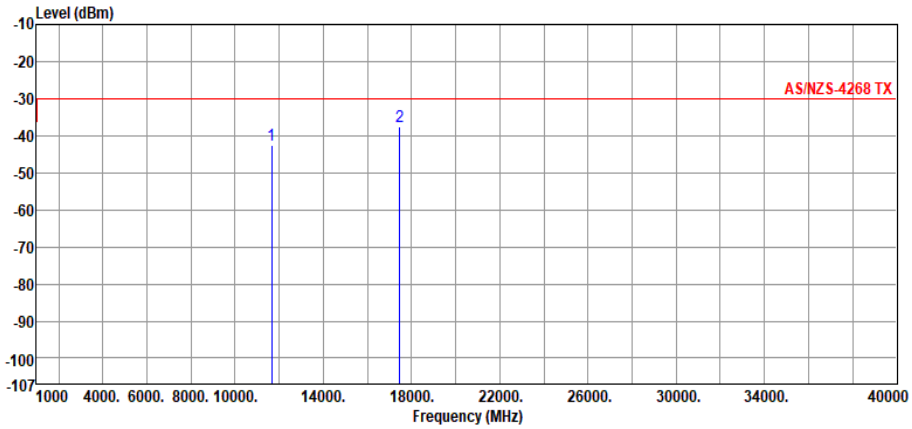


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11639.64	-40.98	-30.00	-10.98	20.56	-61.54
2	17475.00	-37.95	-30.00	-7.95	25.35	-63.30

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11650.00	-42.65	-30.00	-12.65	20.58	-63.23
2	17475.00	-37.68	-30.00	-7.68	25.12	-62.80

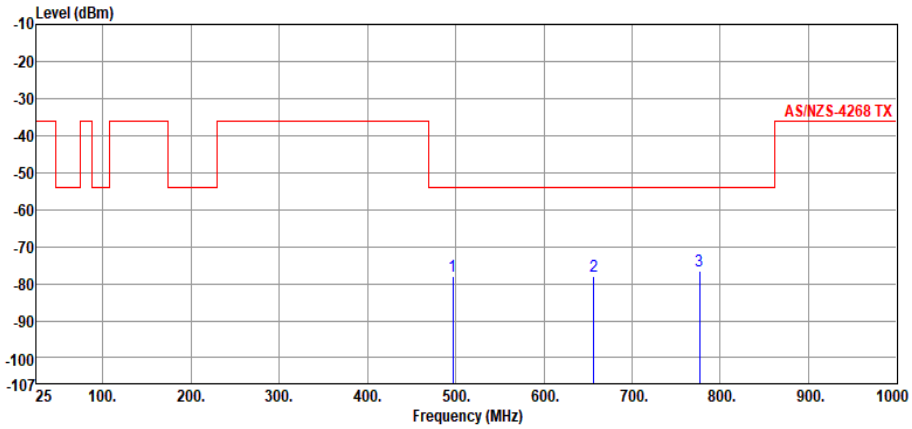
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

partial RU configuration

Emissions (Below 1GHz)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

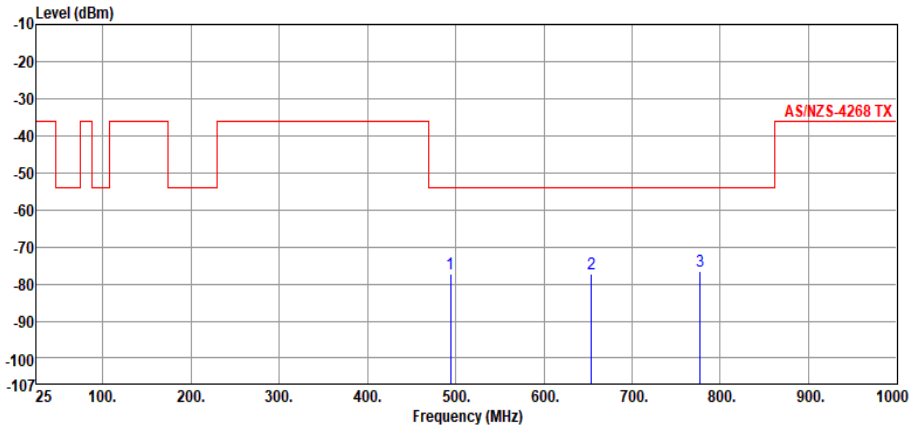


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	496.90	-77.88	-54.00	-23.88	0.00	-77.88
2	656.80	-77.96	-54.00	-23.96	0.00	-77.96
3	776.73	-76.57	-54.00	-22.57	0.00	-76.57

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

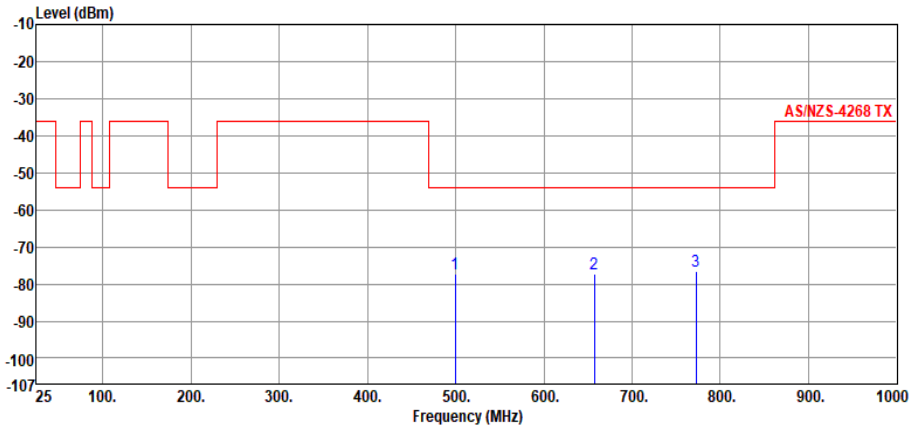


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	494.35	-77.45	-54.00	-23.45	0.00	-77.45
2	654.20	-77.45	-54.00	-23.45	0.00	-77.45
3	777.25	-76.75	-54.00	-22.75	0.00	-76.75

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

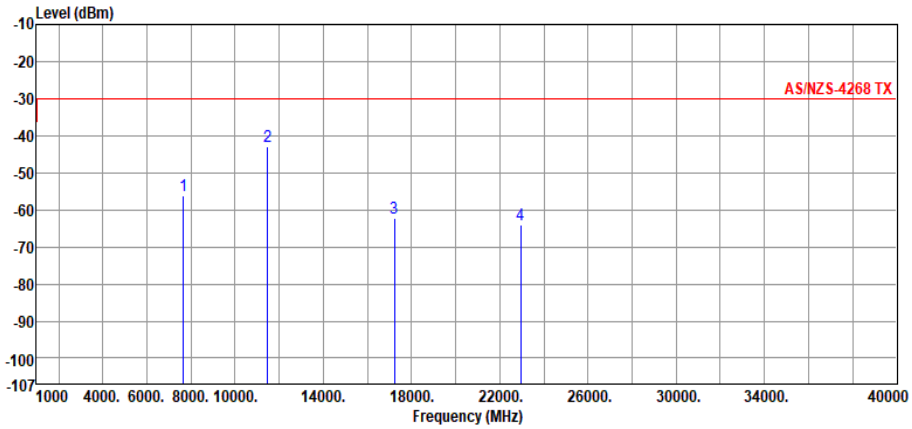


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	499.35	-77.42	-54.00	-23.42	0.00	-77.42
2	657.50	-77.33	-54.00	-23.33	0.00	-77.33
3	772.64	-76.75	-54.00	-22.75	0.00	-76.75

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

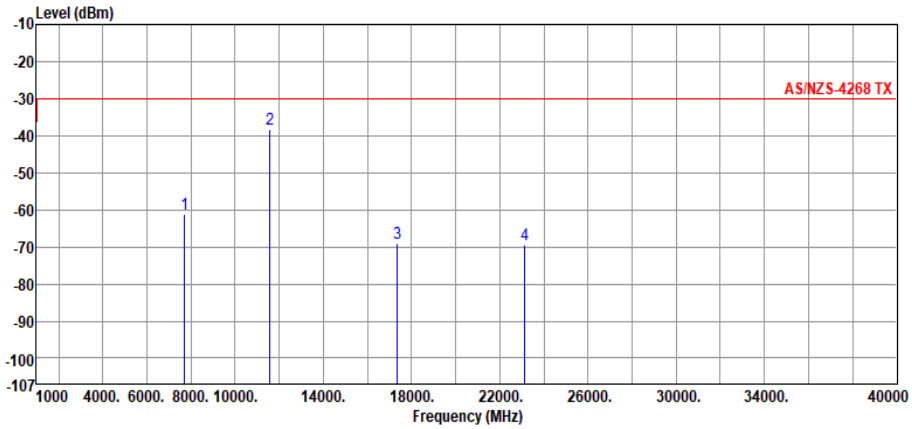


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7655.90	-56.35	-30.00	-26.35	0.00	-56.35
2	11478.05	-42.92	-30.00	-12.92	0.00	-42.92
3	17220.15	-62.24	-30.00	-32.24	0.00	-62.24
4	22953.35	-64.02	-30.00	-34.02	0.00	-64.02

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

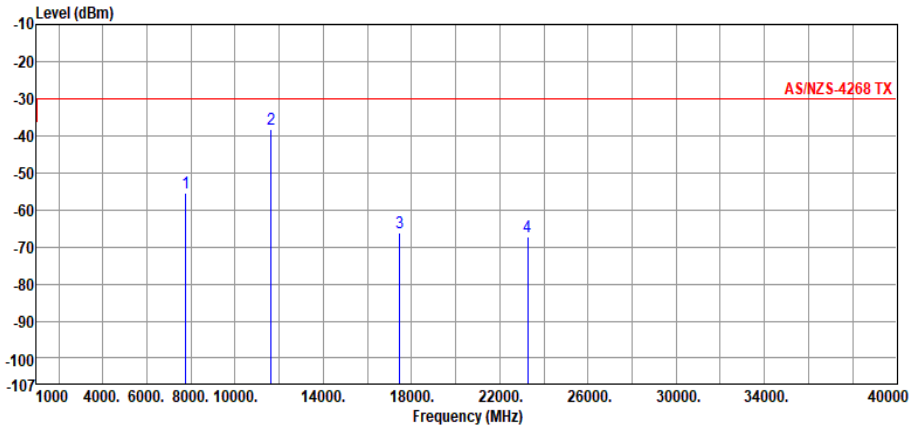


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7710.85	-61.06	-30.00	-31.06	0.00	-61.06
2	11569.30	-38.22	-30.00	-8.22	0.00	-38.22
3	17358.80	-69.04	-30.00	-39.04	0.00	-69.04
4	23140.90	-69.52	-30.00	-39.52	0.00	-69.52

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA RU106	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7762.70	-55.61	-30.00	-25.61	0.00	-55.61
2	11640.95	-38.44	-30.00	-8.44	0.00	-38.44
3	17456.20	-66.17	-30.00	-36.17	0.00	-66.17
4	23281.80	-67.38	-30.00	-37.38	0.00	-67.38

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

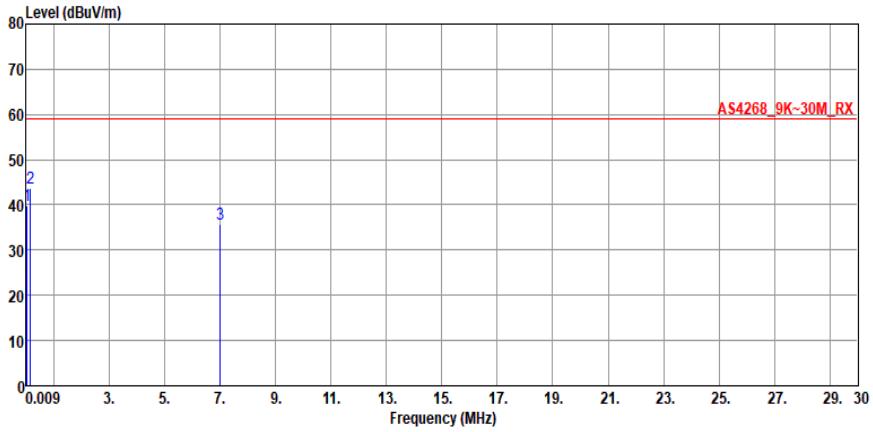
full RU configuration

Configuration 1 : EFD2471A3S-10MH4L Antenna

Emissions (≤ 30MHz)

Modulation	11a	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

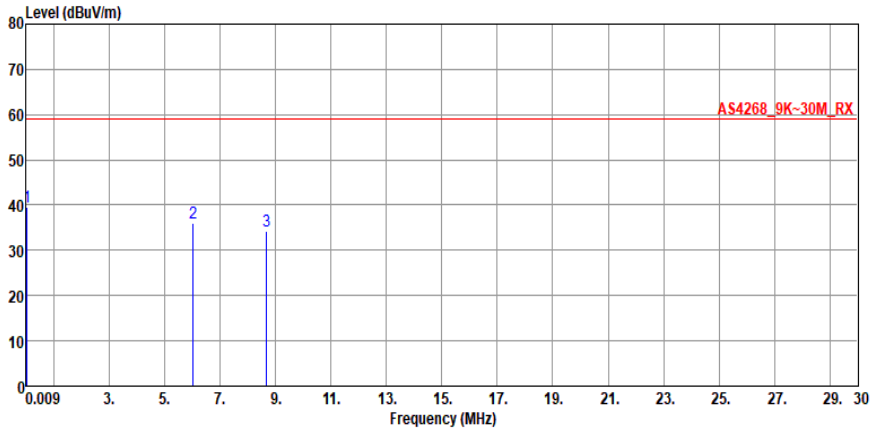


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.87	59.00	-19.13	19.98	19.89
2	0.15	43.79	59.00	-15.21	19.16	24.63
3	7.00	35.73	59.00	-23.27	20.77	14.96

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

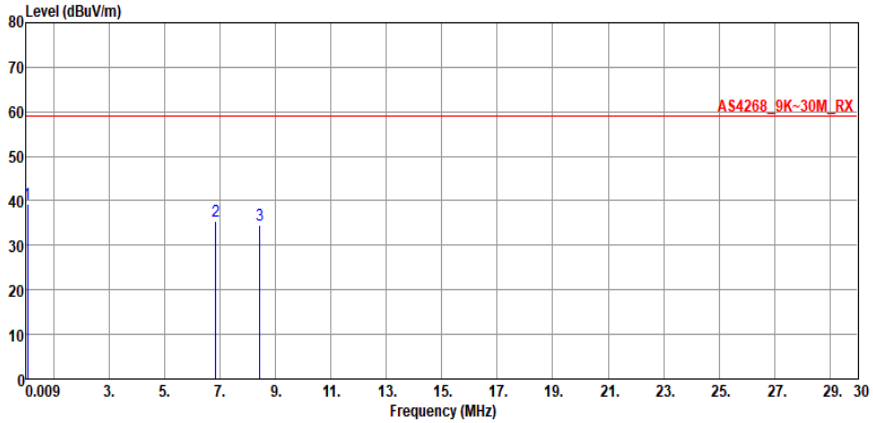


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.57	59.00	-19.43	19.79	19.78
2	6.02	35.98	59.00	-23.02	21.05	14.93
3	8.68	34.27	59.00	-24.73	20.48	13.79

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

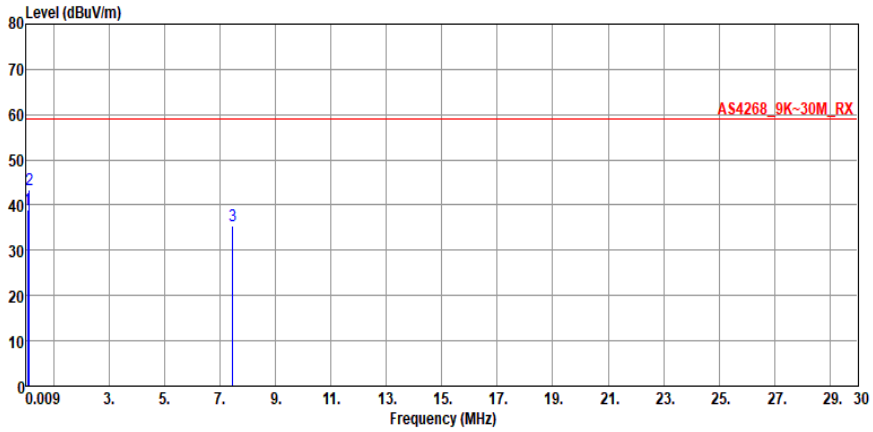


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.27	59.00	-19.73	19.64	19.63
2	6.85	35.29	59.00	-23.71	20.81	14.48
3	8.43	34.59	59.00	-24.41	20.48	14.11

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.05	59.00	-19.95	19.90	19.15
2	0.12	43.51	59.00	-15.49	18.88	24.63
3	7.45	35.34	59.00	-23.66	20.63	14.71

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

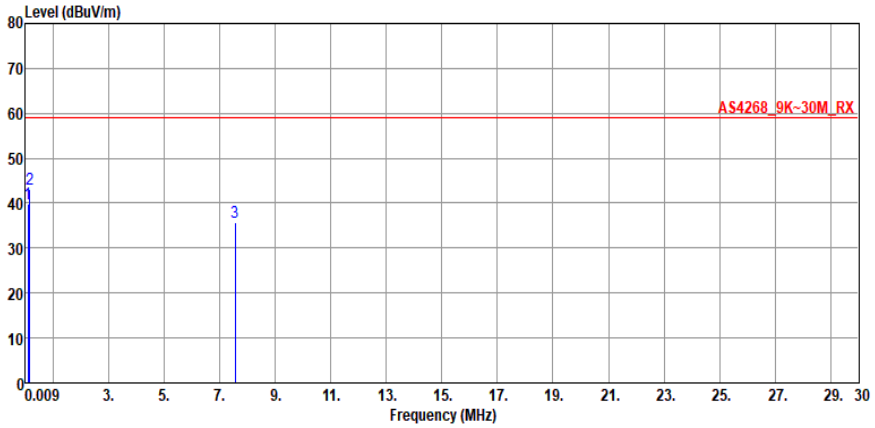
full RU configuration

Configuration 2 : EFB2471A3S-10MH4L Antenna

Emissions (≤ 30MHz)

Modulation	11a	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

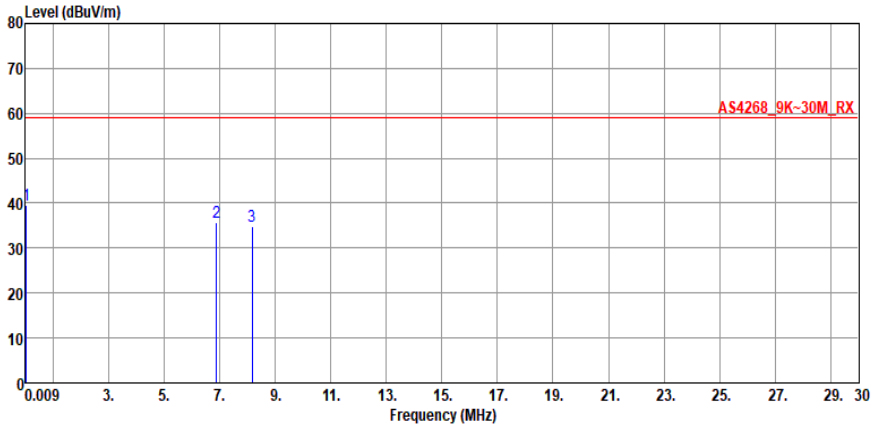


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.10	39.77	59.00	-19.23	18.74	21.03
2	0.15	43.17	59.00	-15.83	19.16	24.01
3	7.56	35.70	59.00	-23.30	20.60	15.10

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

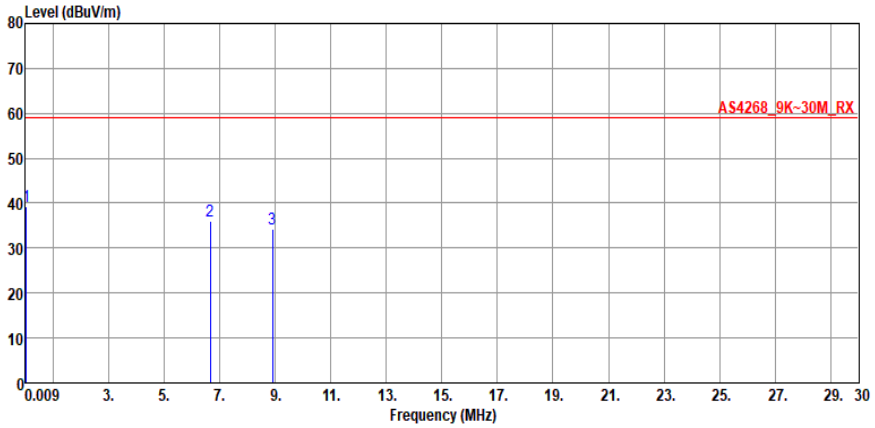


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.63	59.00	-19.37	19.75	19.88
2	6.87	35.59	59.00	-23.41	20.81	14.78
3	8.17	34.90	59.00	-24.10	20.48	14.42

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

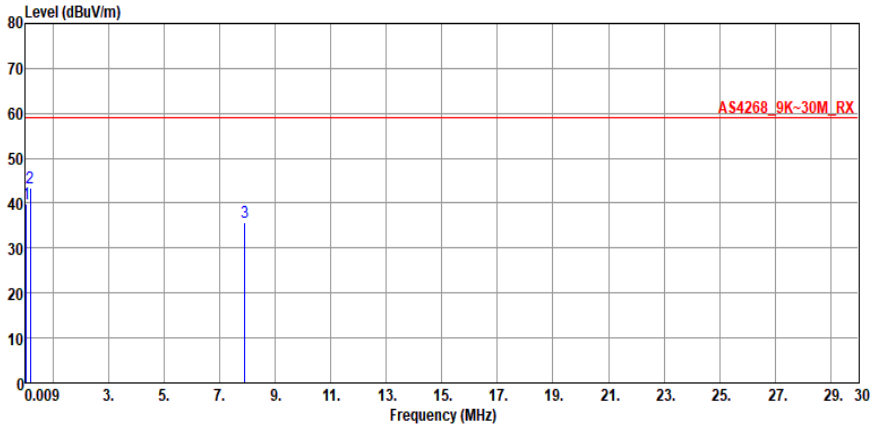


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.15	59.00	-19.85	19.75	19.40
2	6.66	35.89	59.00	-23.11	20.86	15.03
3	8.91	34.32	59.00	-24.68	20.48	13.84

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.81	59.00	-19.19	19.81	20.00
2	0.17	43.53	59.00	-15.47	19.24	24.29
3	7.89	35.63	59.00	-23.37	20.50	15.13

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

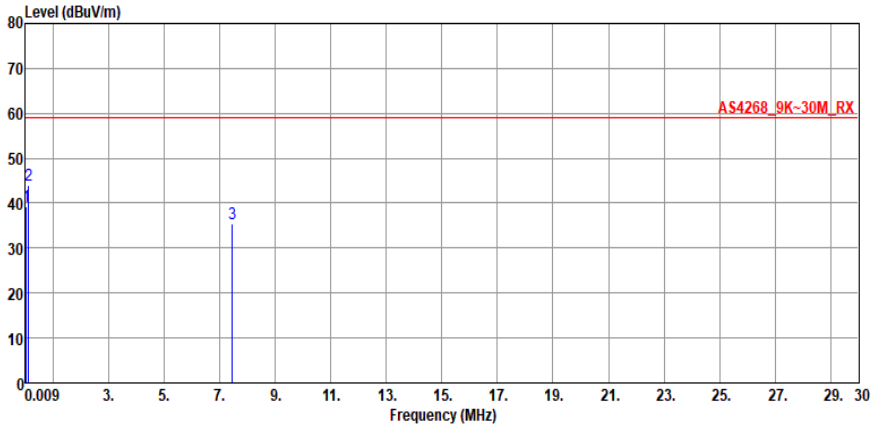
full RU configuration

Configuration 3 : EMF2471A3S-10MH4L Antenna

Emissions (≤ 30MHz)

Modulation	11a	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

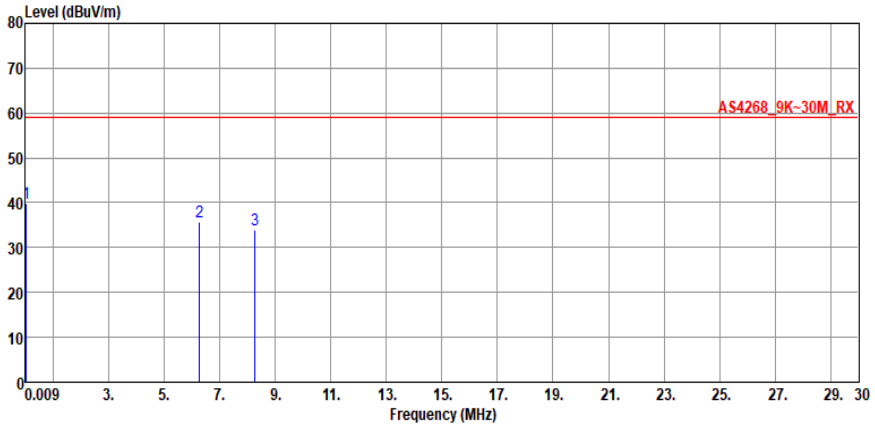


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.18	59.00	-19.82	19.76	19.42
2	0.12	43.87	59.00	-15.13	18.88	24.99
3	7.46	35.56	59.00	-23.44	20.63	14.93

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

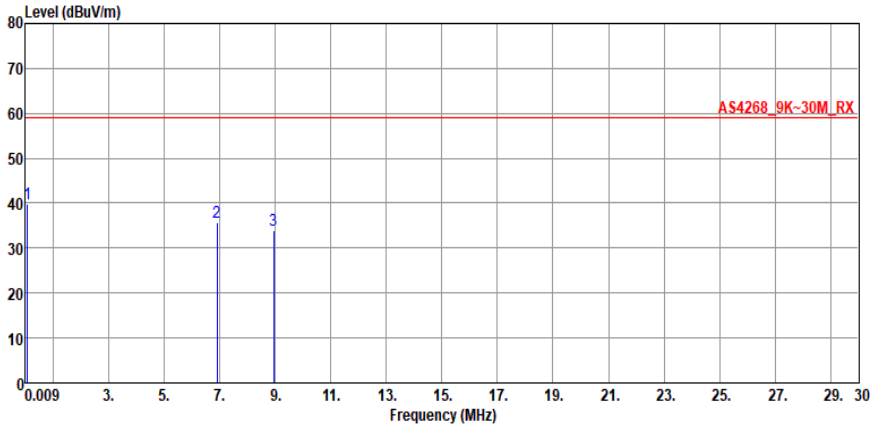


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.92	59.00	-19.08	19.77	20.15
2	6.27	35.63	59.00	-23.37	20.98	14.65
3	8.27	34.08	59.00	-24.92	20.48	13.60

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

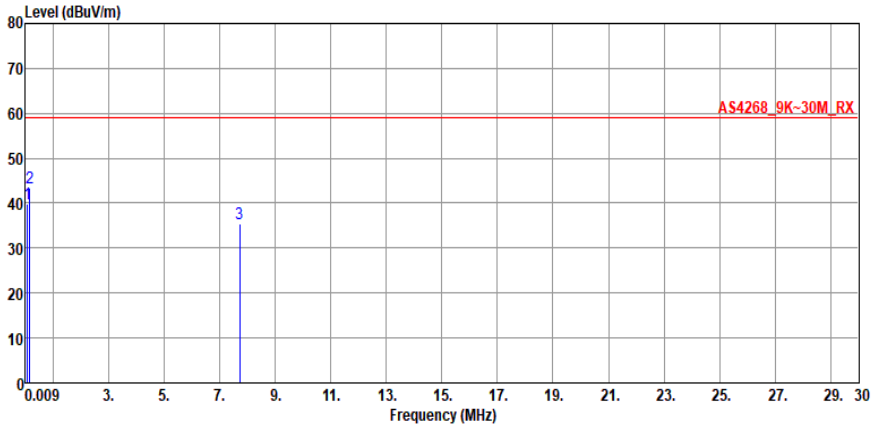


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.75	59.00	-19.25	18.87	20.88
2	6.89	35.79	59.00	-23.21	20.80	14.99
3	8.94	34.06	59.00	-24.94	20.48	13.58

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.91	59.00	-19.09	18.86	21.05
2	0.16	43.41	59.00	-15.59	19.21	24.20
3	7.71	35.31	59.00	-23.69	20.55	14.76

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

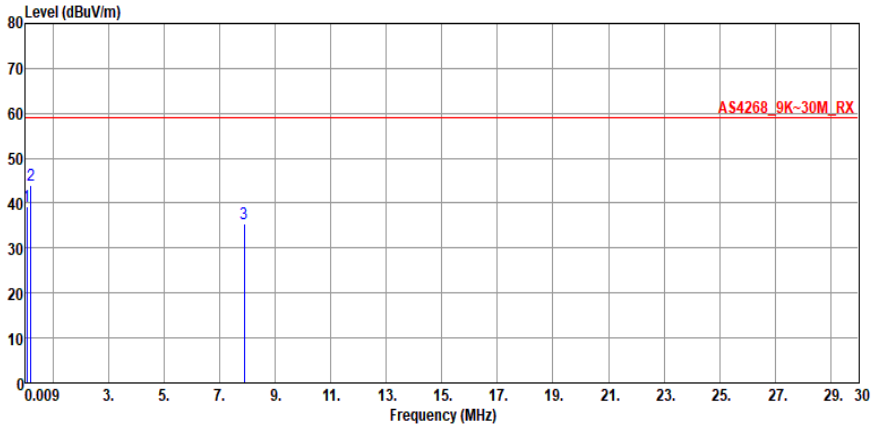
full RU configuration

Configuration 4 : TWX-100BRS3B Antenna

Emissions (≤ 30MHz)

Modulation	11a	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

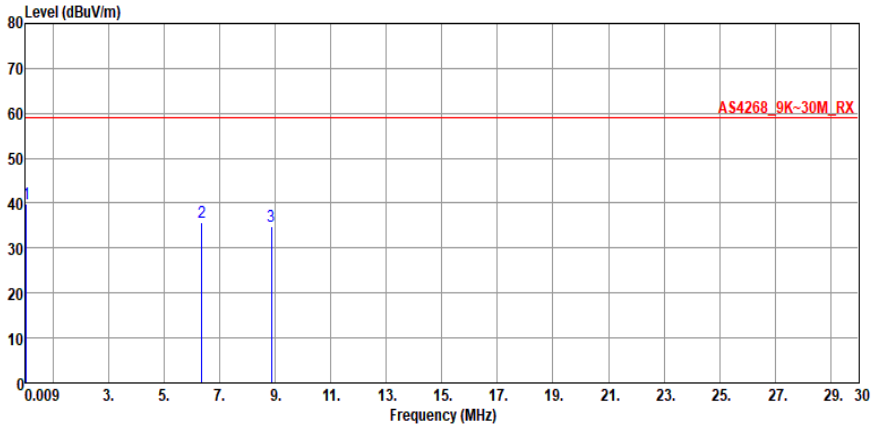


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.25	59.00	-19.75	19.86	19.39
2	0.19	43.91	59.00	-15.09	19.38	24.53
3	7.88	35.49	59.00	-23.51	20.50	14.99

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

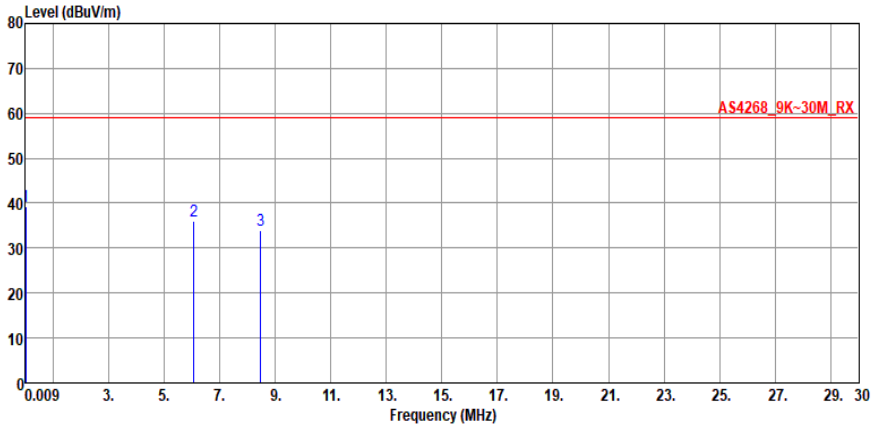


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.87	59.00	-19.13	19.79	20.08
2	6.36	35.78	59.00	-23.22	20.95	14.83
3	8.87	34.71	59.00	-24.29	20.48	14.23

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

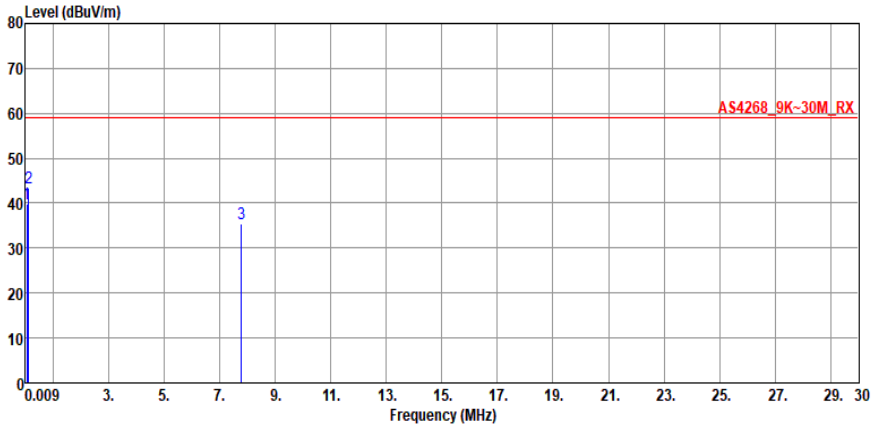


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.01	39.29	59.00	-19.71	19.09	20.20
2	6.07	35.89	59.00	-23.11	21.04	14.85
3	8.47	34.08	59.00	-24.92	20.48	13.60

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.95	59.00	-19.05	18.86	21.09
2	0.12	43.51	59.00	-15.49	18.88	24.63
3	7.79	35.32	59.00	-23.68	20.53	14.79

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

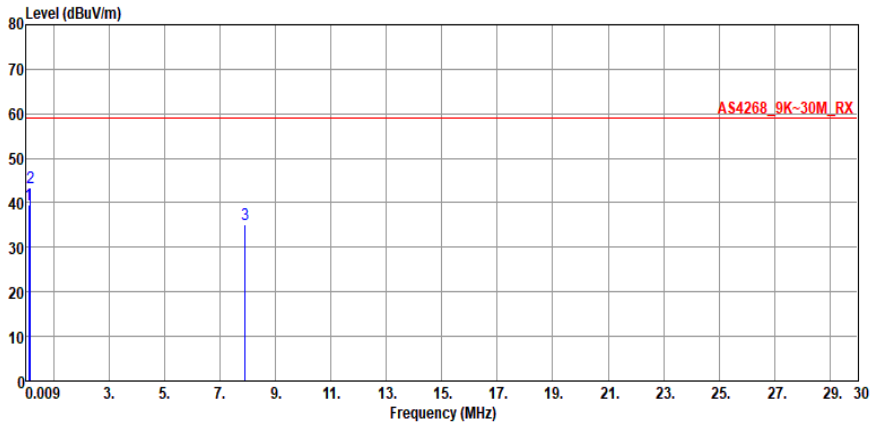
full RU configuration

Configuration 5 : 001-0021 Antenna

Emissions (≤ 30MHz)

Modulation	11a	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

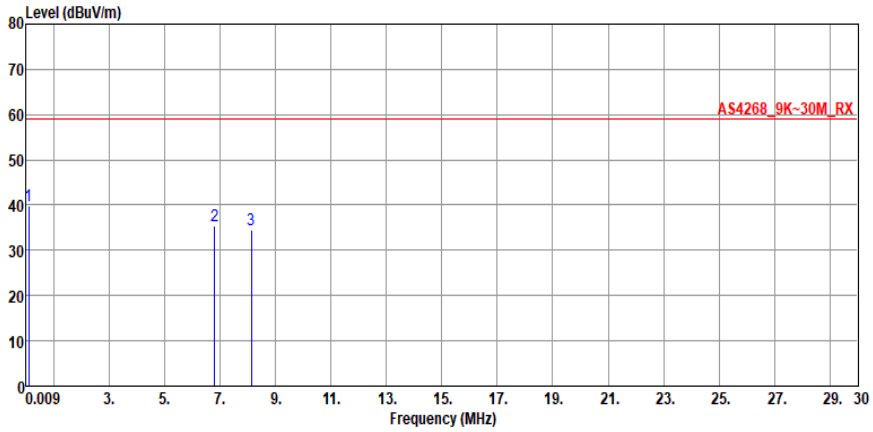


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.10	39.49	59.00	-19.51	18.76	20.73
2	0.15	43.40	59.00	-15.60	19.11	24.29
3	7.91	35.23	59.00	-23.77	20.50	14.73

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

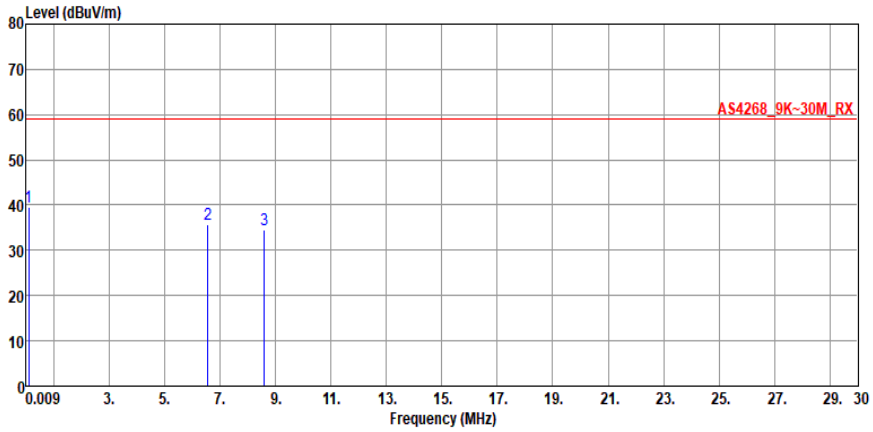


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.77	59.00	-19.23	19.00	20.77
2	6.79	35.42	59.00	-23.58	20.82	14.60
3	8.13	34.45	59.00	-24.55	20.48	13.97

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

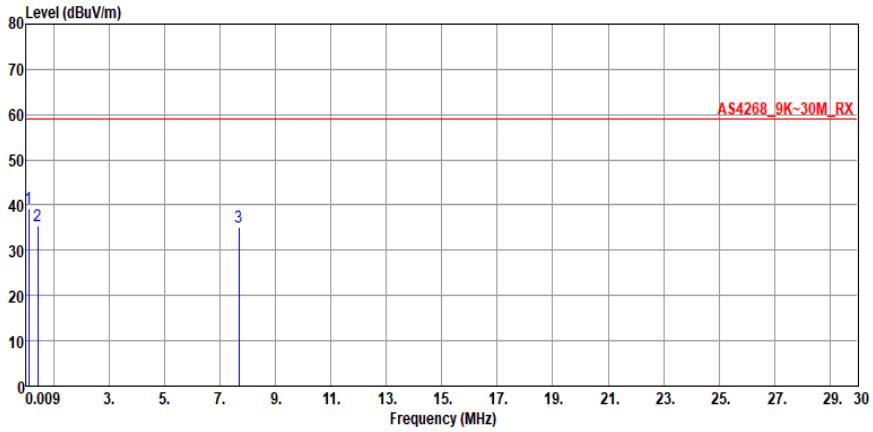


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.54	59.00	-19.46	19.02	20.52
2	6.56	35.71	59.00	-23.29	20.89	14.82
3	8.59	34.48	59.00	-24.52	20.48	14.00

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.22	59.00	-19.78	18.86	20.36
2	0.43	35.48	59.00	-23.52	19.47	16.01
3	7.68	35.24	59.00	-23.76	20.56	14.68

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

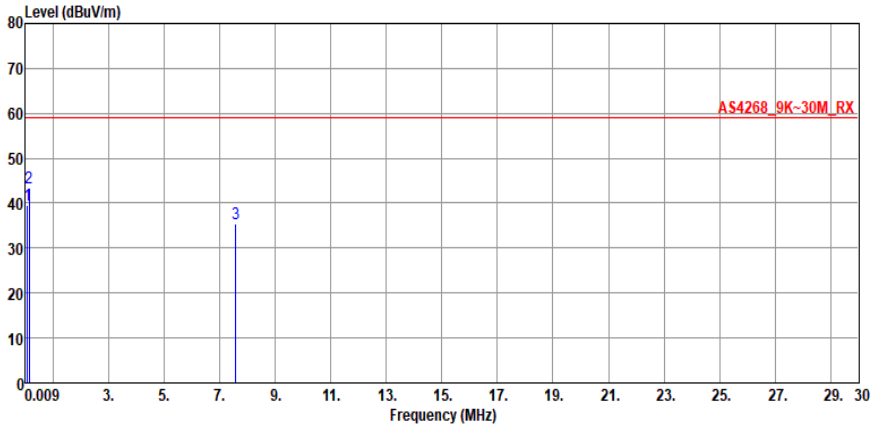
full RU configuration

Configuration 6 : EFB2455A3S-15MH4L Antenna

Emissions (≤ 30MHz)

Modulation	11a	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

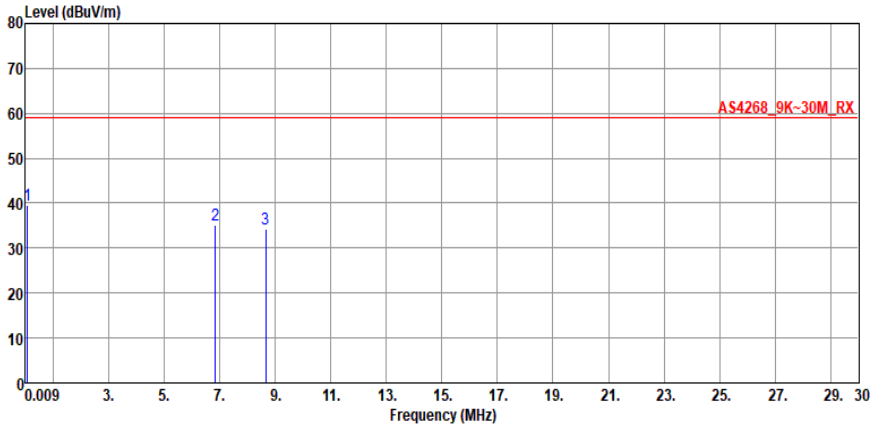


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.62	59.00	-19.38	18.68	20.94
2	0.14	43.47	59.00	-15.53	19.04	24.43
3	7.57	35.53	59.00	-23.47	20.59	14.94

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

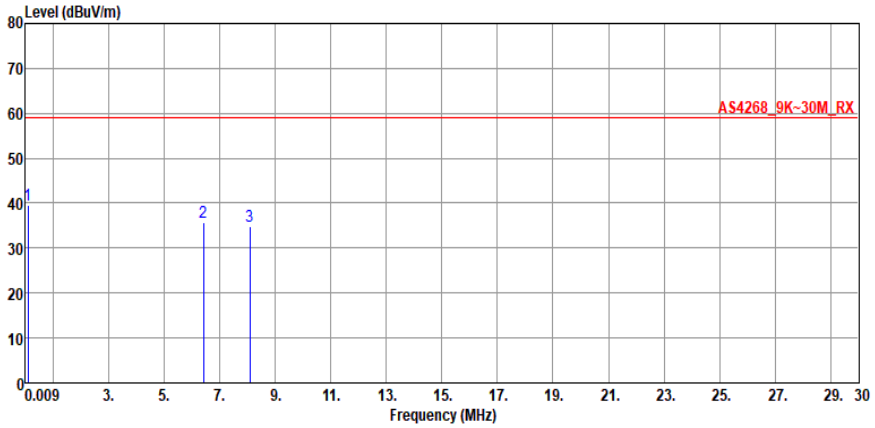


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.61	59.00	-19.39	19.02	20.59
2	6.85	35.11	59.00	-23.89	20.81	14.30
3	8.65	34.10	59.00	-24.90	20.48	13.62

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

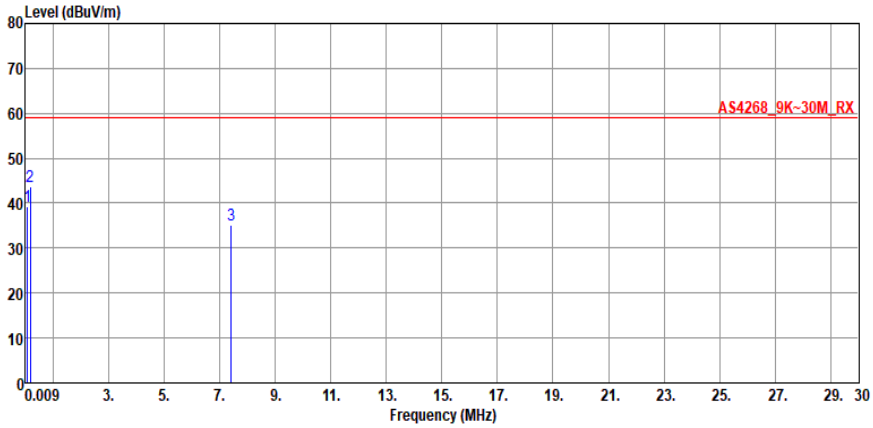


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.53	59.00	-19.47	18.98	20.55
2	6.42	35.63	59.00	-23.37	20.93	14.70
3	8.08	34.82	59.00	-24.18	20.48	14.34

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.16	59.00	-19.84	18.84	20.32
2	0.17	43.58	59.00	-15.42	19.27	24.31
3	7.42	35.10	59.00	-23.90	20.64	14.46

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

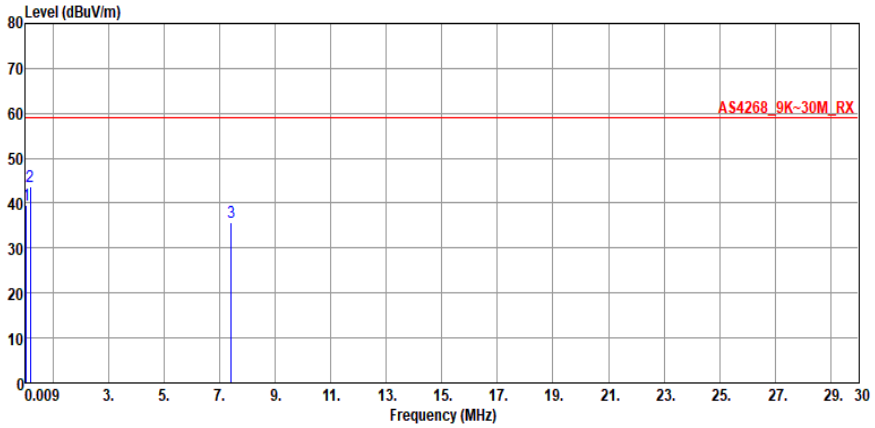
full RU configuration

Configuration 7 : ANT1608LL14R2460A Antenna

Emissions (≤ 30MHz)

Modulation	11a	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

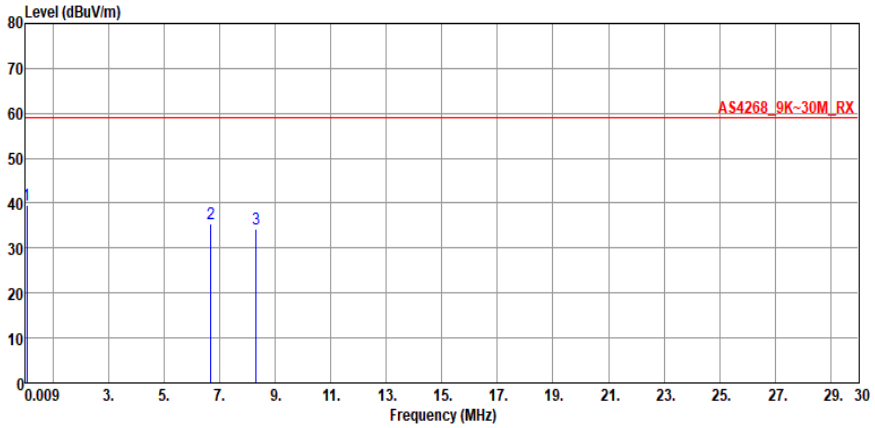


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.58	59.00	-19.42	19.86	19.72
2	0.18	43.77	59.00	-15.23	19.34	24.43
3	7.41	35.71	59.00	-23.29	20.64	15.07

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

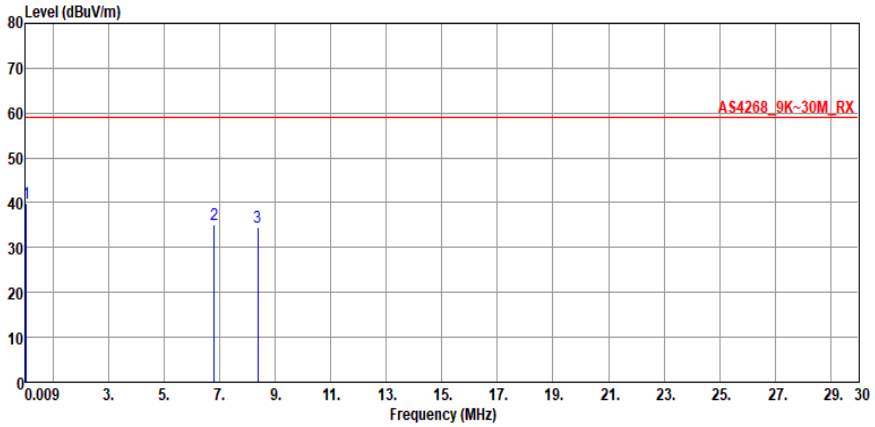


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.68	59.00	-19.32	18.86	20.82
2	6.67	35.39	59.00	-23.61	20.85	14.54
3	8.31	34.18	59.00	-24.82	20.48	13.70

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65

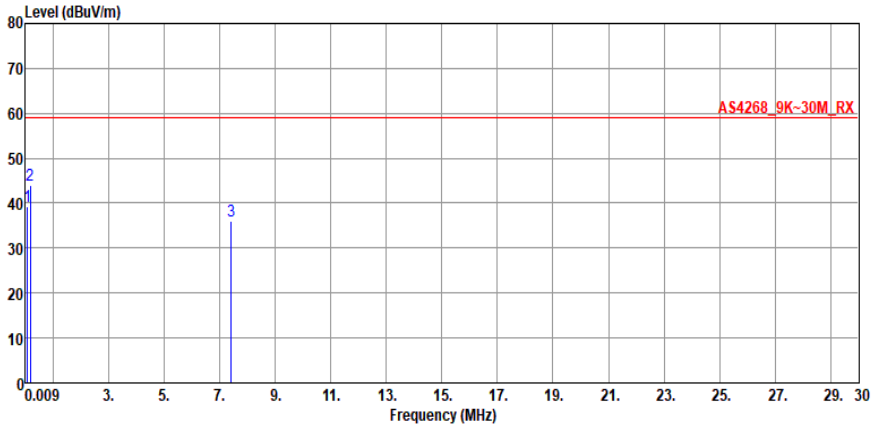


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.86	59.00	-19.14	19.81	20.05
2	6.81	35.22	59.00	-23.78	20.81	14.41
3	8.37	34.51	59.00	-24.49	20.48	14.03

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20 _OFDMA	**Test Freq. (MHz)**	5825
Frequency	9kHz~30MHz		

Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.36	59.00	-19.64	19.02	20.34
2	0.17	43.98	59.00	-15.02	19.30	24.68
3	7.42	35.98	59.00	-23.02	20.64	15.34

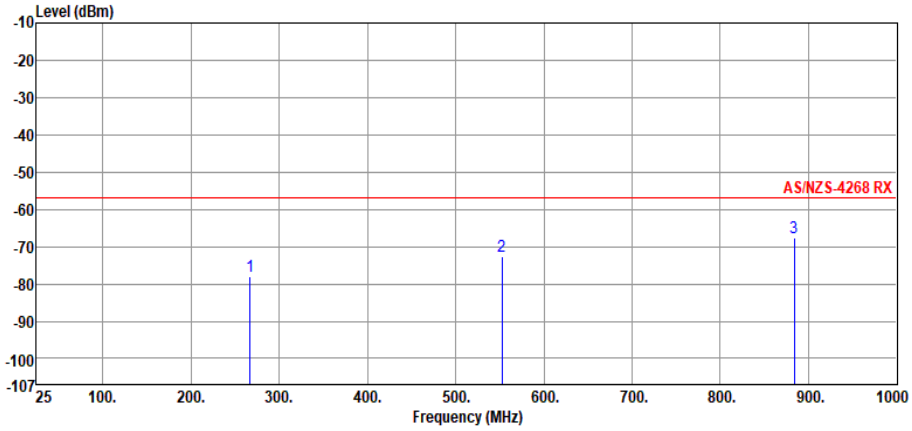
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

full RU configuration

Emissions (Below 1GHz)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

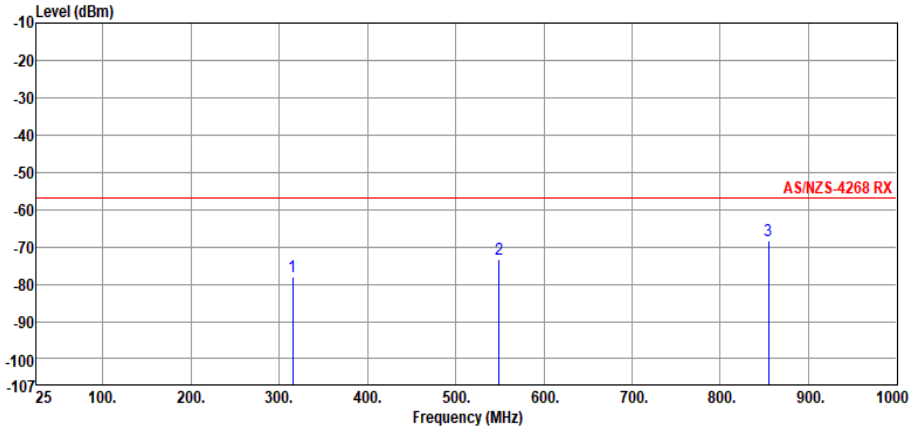


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	266.80	-77.95	-57.00	-20.95	-3.38	-74.57
2	552.48	-72.73	-57.00	-15.73	3.75	-76.48
3	883.98	-67.73	-57.00	-10.73	9.27	-77.00

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

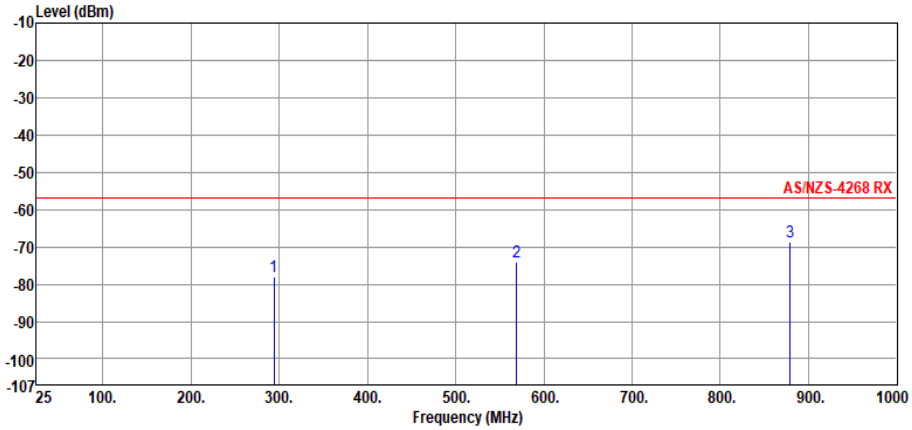


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	315.55	-77.96	-57.00	-20.96	-1.74	-76.22
2	549.55	-73.46	-57.00	-16.46	3.87	-77.33
3	854.73	-68.48	-57.00	-11.48	8.90	-77.38

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

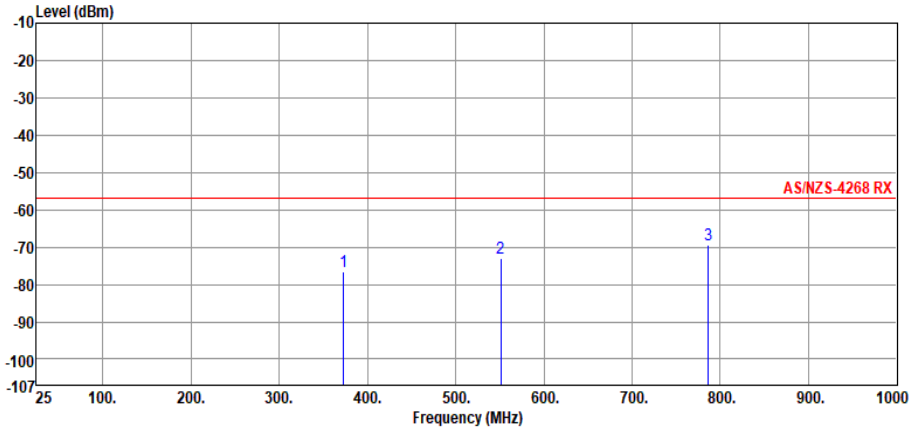


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	294.01	-77.98	-57.00	-20.98	-2.43	-75.55
2	569.37	-73.99	-57.00	-16.99	4.06	-78.05
3	879.22	-68.56	-57.00	-11.56	9.31	-77.87

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

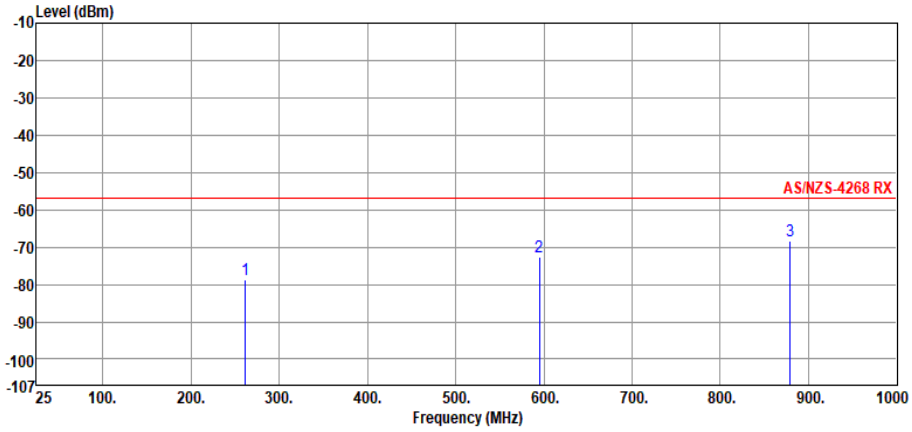


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	373.25	-76.53	-57.00	-19.53	-0.33	-76.20
2	551.31	-73.12	-57.00	-16.12	3.91	-77.03
3	786.89	-69.41	-57.00	-12.41	8.00	-77.41

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

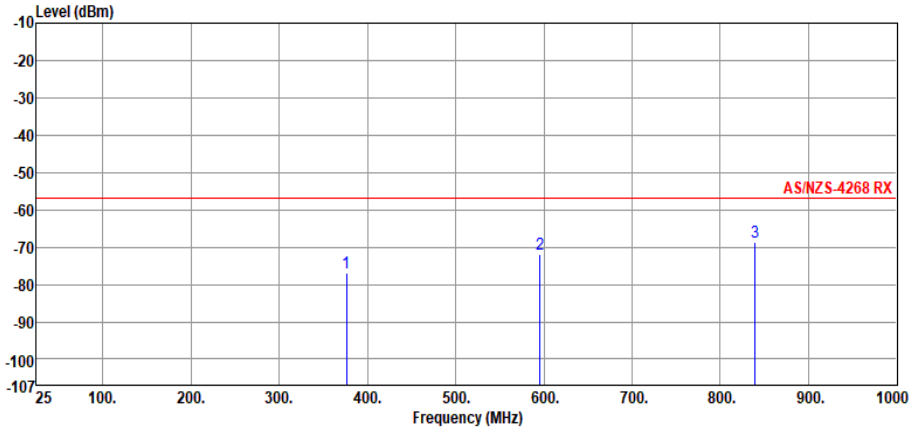


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	261.78	-78.89	-57.00	-21.89	-3.58	-75.31
2	595.01	-72.77	-57.00	-15.77	4.89	-77.66
3	879.44	-68.45	-57.00	-11.45	9.32	-77.77

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

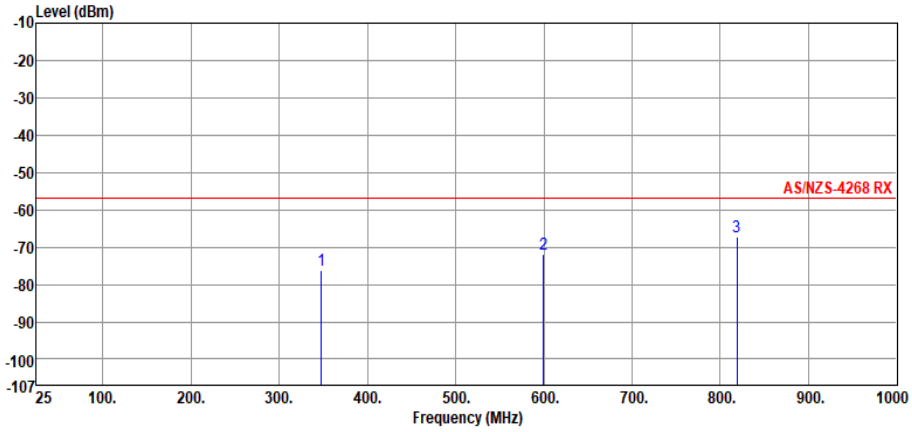


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	376.45	-76.79	-57.00	-19.79	-0.26	-76.53
2	595.63	-71.75	-57.00	-14.75	4.85	-76.60
3	839.66	-68.88	-57.00	-11.88	8.52	-77.40

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

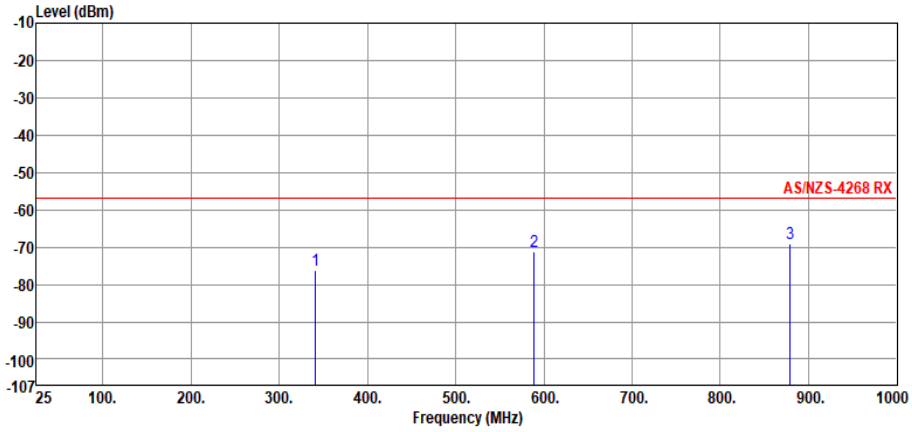


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	347.58	-76.25	-57.00	-19.25	-1.10	-75.15
2	599.63	-71.88	-57.00	-14.88	4.85	-76.73
3	819.23	-67.34	-57.00	-10.34	8.43	-75.77

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

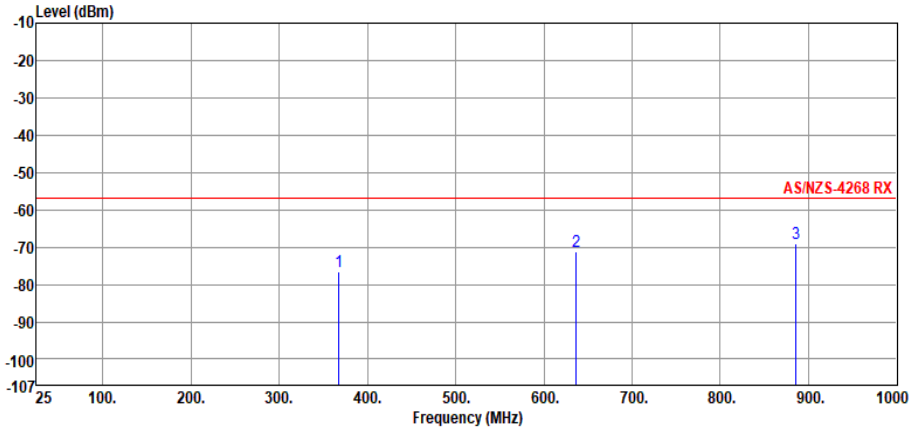


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	341.16	-76.26	-57.00	-19.26	-1.21	-75.05
2	589.33	-71.22	-57.00	-14.22	4.80	-76.02
3	879.18	-68.88	-57.00	-11.88	9.25	-78.13

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

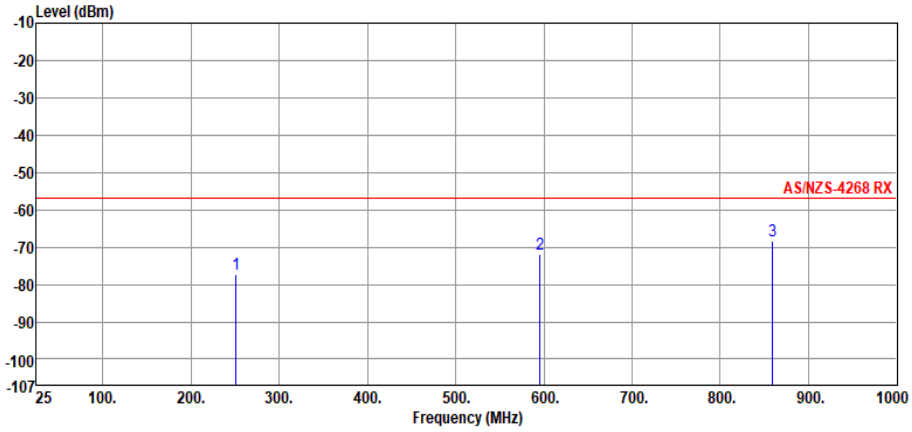


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	367.49	-76.68	-57.00	-19.68	-0.48	-76.20
2	636.56	-71.22	-57.00	-14.22	5.08	-76.30
3	886.15	-68.96	-57.00	-11.96	9.25	-78.21

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

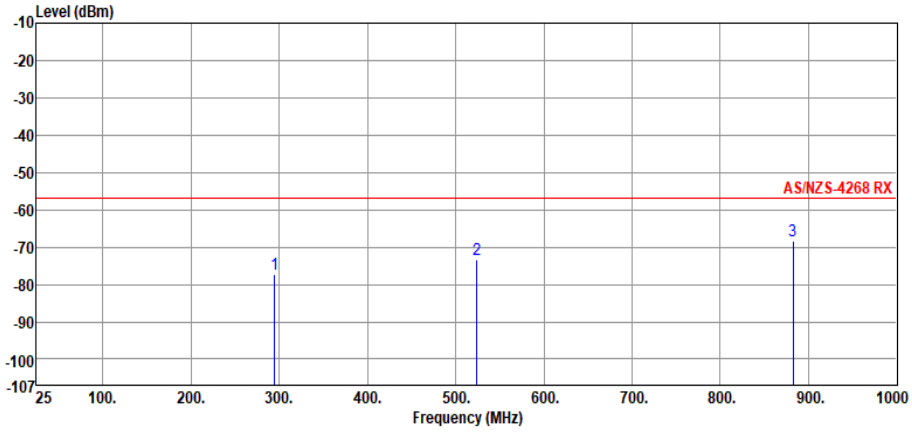


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	250.85	-77.26	-57.00	-20.26	-3.81	-73.45
2	595.79	-71.95	-57.00	-14.95	4.86	-76.81
3	859.45	-68.33	-57.00	-11.33	8.96	-77.29

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

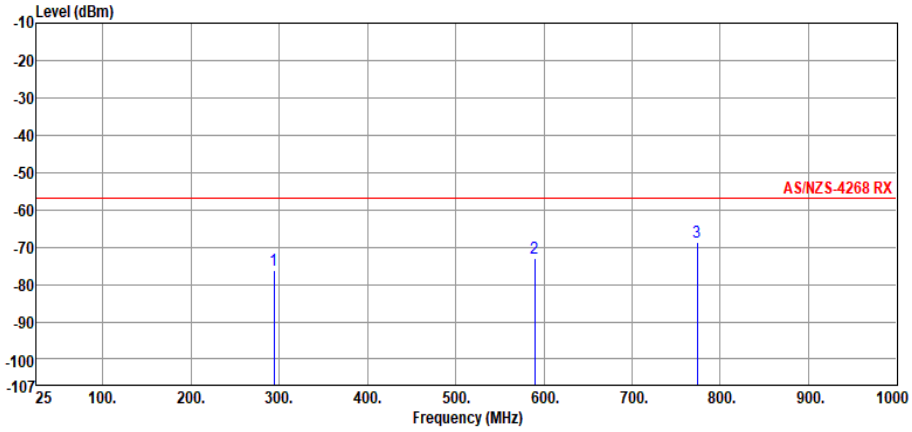


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	294.86	-77.23	-57.00	-20.23	-2.42	-74.81
2	523.88	-73.44	-57.00	-16.44	3.16	-76.60
3	882.67	-68.44	-57.00	-11.44	9.29	-77.73

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

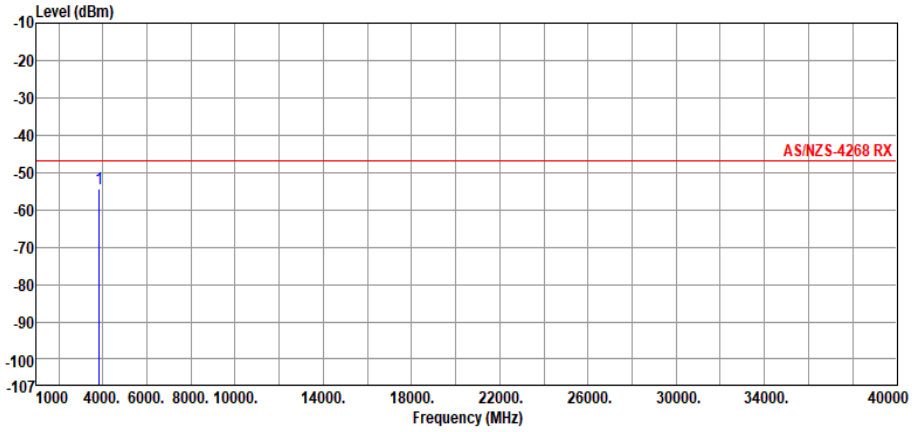


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	294.26	-76.11	-57.00	-19.11	-2.45	-73.66
2	589.44	-73.00	-57.00	-16.00	4.81	-77.81
3	773.78	-68.67	-57.00	-11.67	7.84	-76.51

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

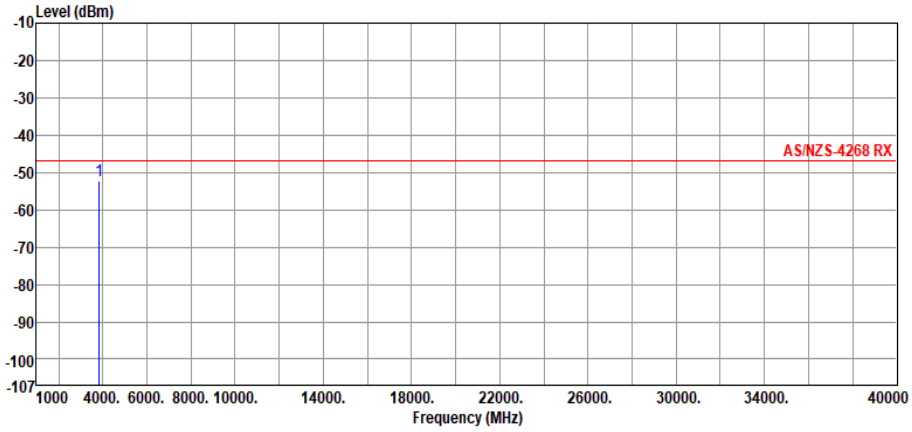


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3850.65	-54.43	-47.00	-7.43	7.68	-62.11

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

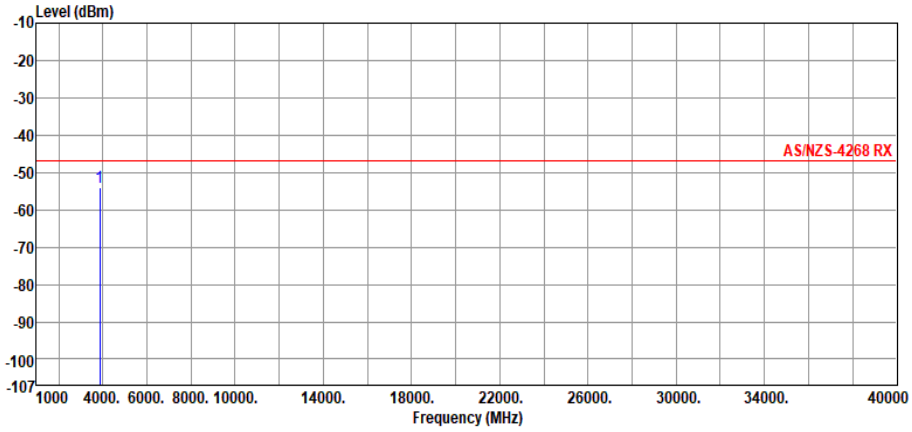


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3847.99	-52.20	-47.00	-5.20	6.93	-59.13

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

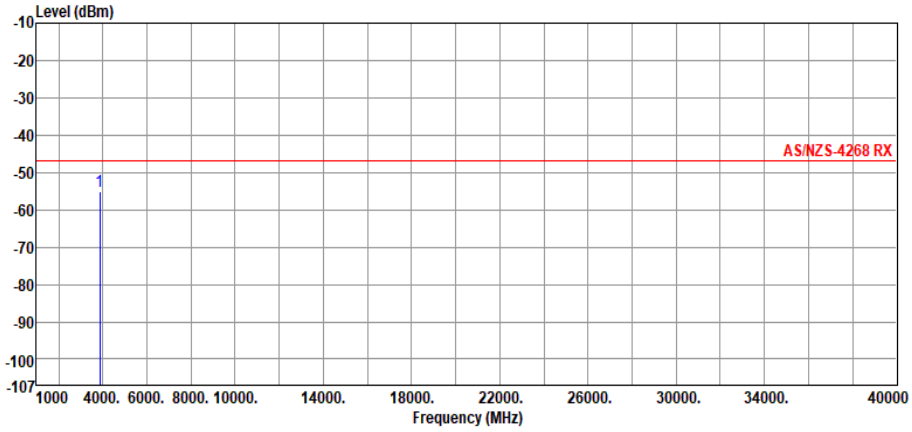


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3876.41	-54.17	-47.00	-7.17	8.07	-62.24

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

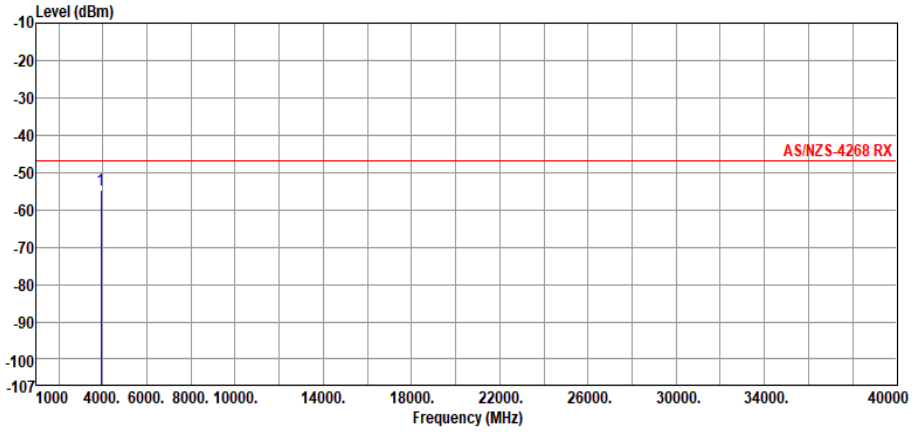


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3874.14	-55.21	-47.00	-8.21	7.09	-62.30

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

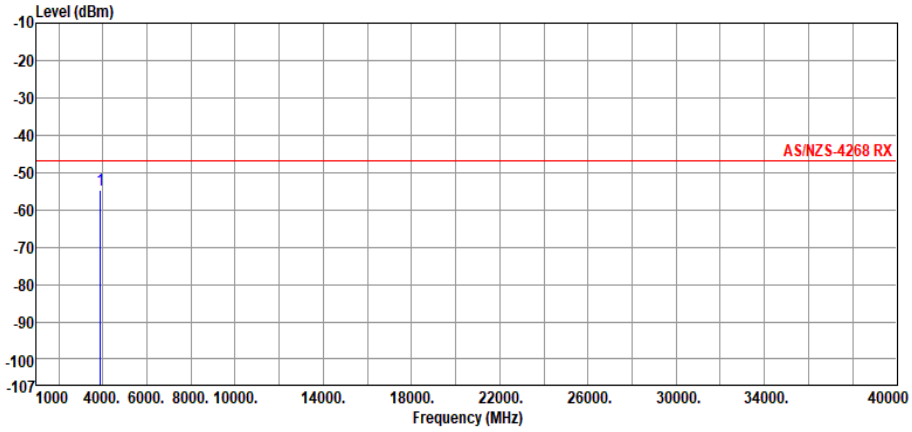


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3903.86	-54.60	-47.00	-7.60	8.42	-63.02

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

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

Test By :Ryan Lee Temperature:23 Humidity(%):64

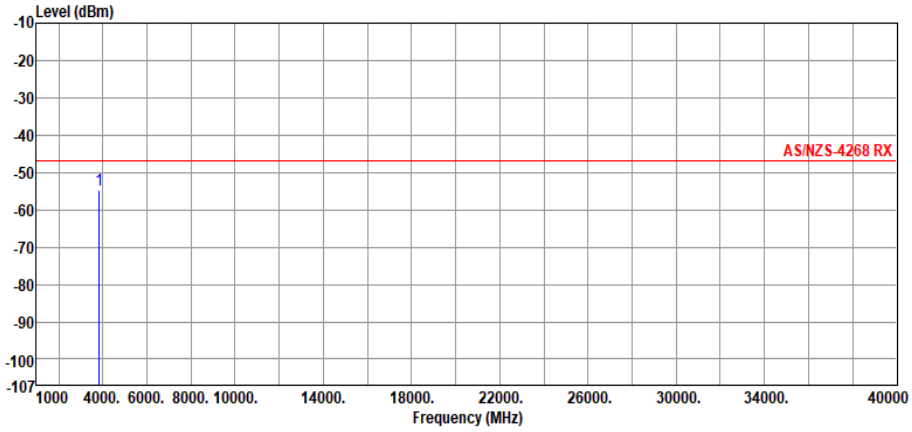


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3900.69	-54.73	-47.00	-7.73	7.27	-62.00

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

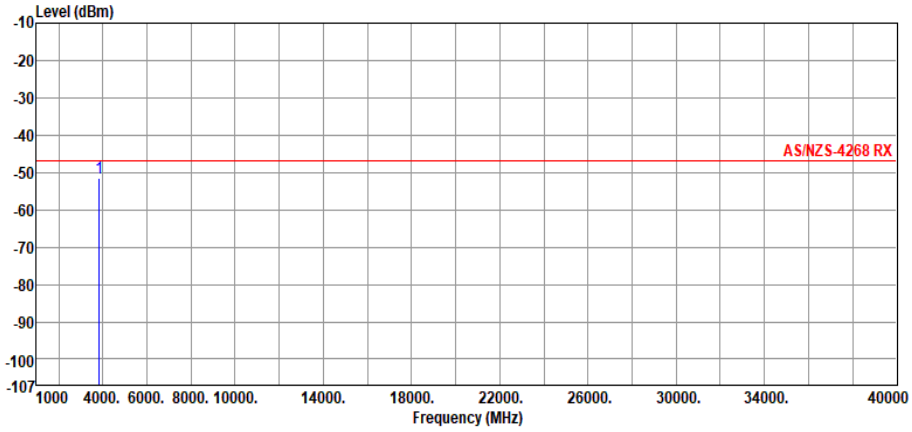


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3846.90	-54.68	-47.00	-7.68	7.63	-62.31

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

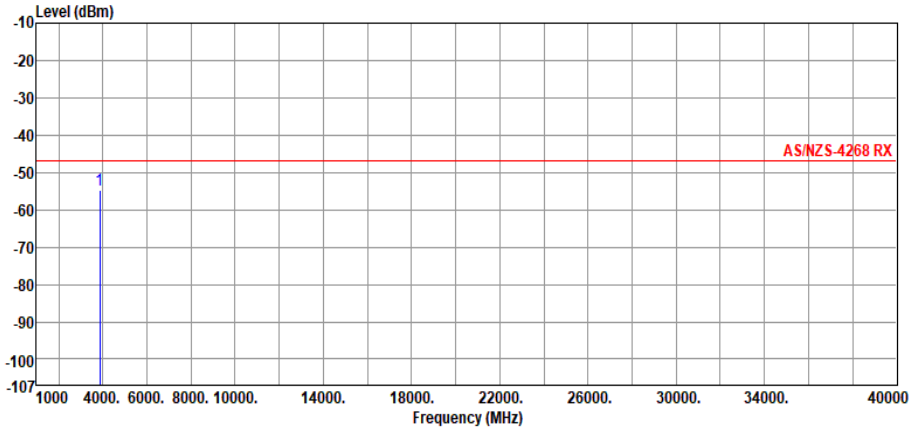


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3847.13	-51.54	-47.00	-4.54	6.92	-58.46

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

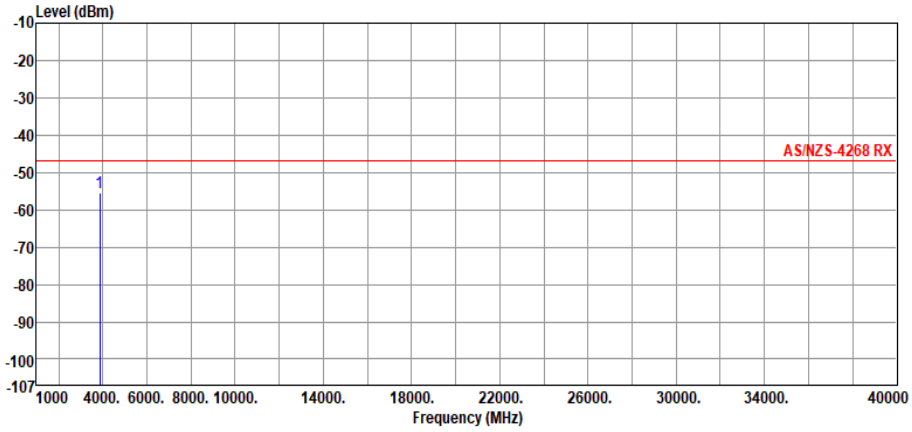


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3875.90	-54.62	-47.00	-7.62	8.06	-62.68

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64

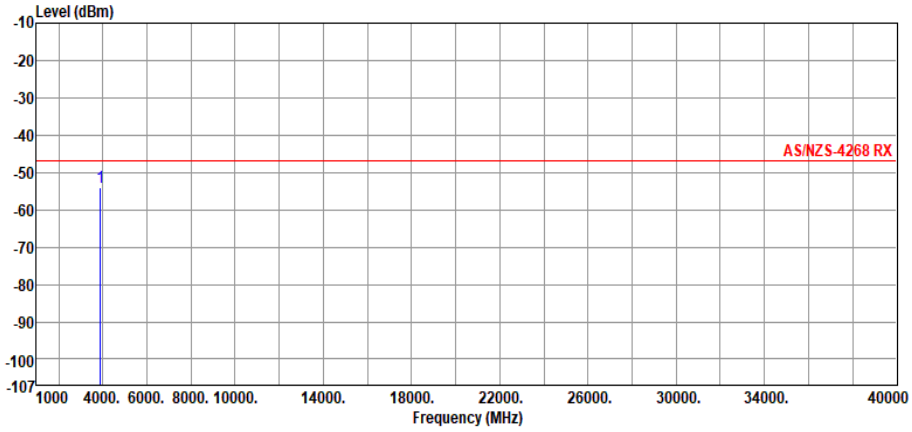


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3876.72	-55.52	-47.00	-8.52	7.12	-62.64

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Ryan Lee Temperature:23 Humidity(%):64

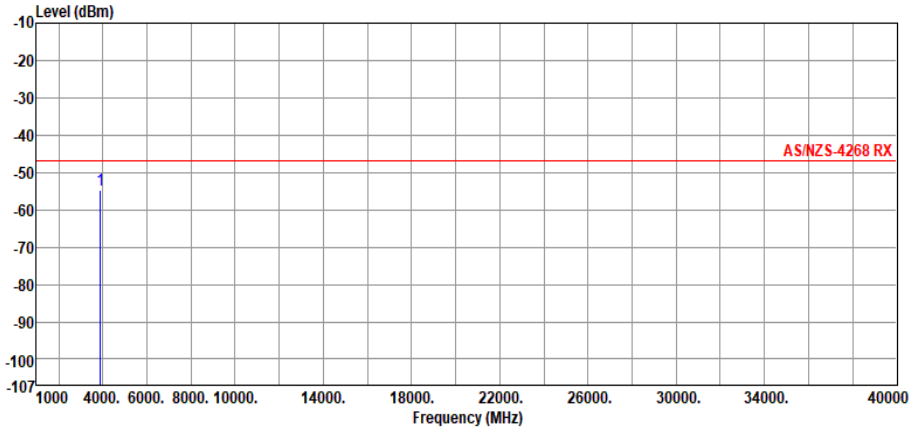


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3901.32	-54.03	-47.00	-7.03	8.42	-62.45

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Ryan Lee Temperature:23 Humidity(%):64



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3902.69	-54.77	-47.00	-7.77	7.29	-62.06

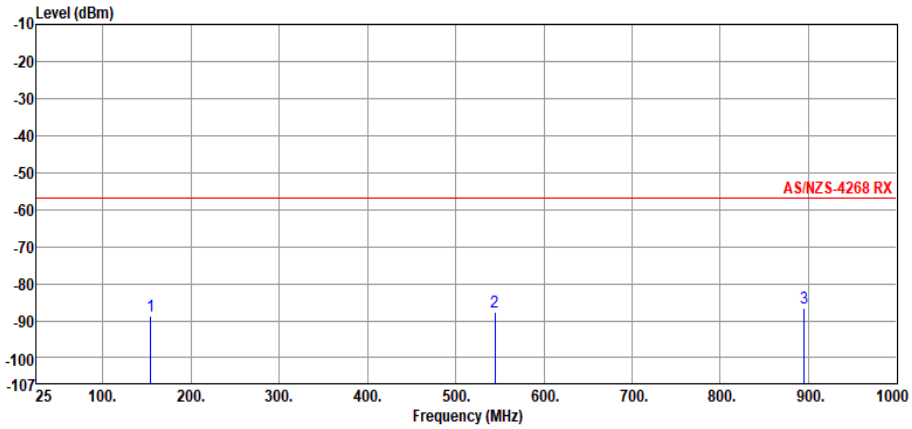
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

full RU configuration

Emissions (Below 1GHz)

Modulation	11a	Test Freq. (MHz)	5745
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

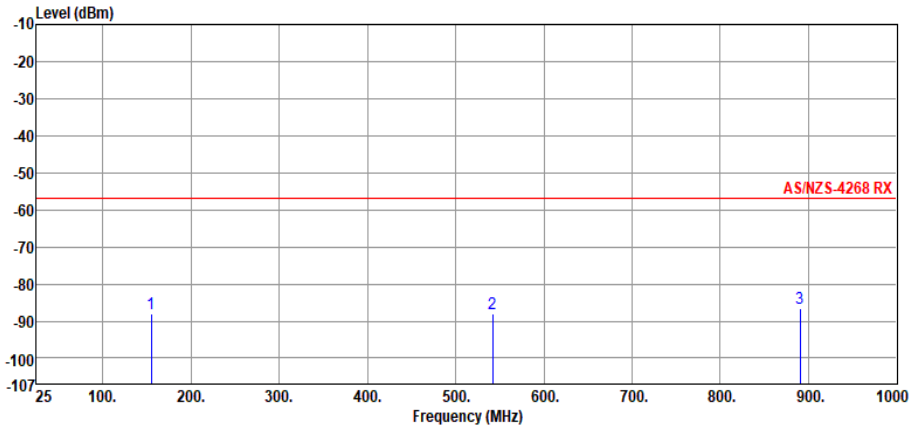


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	154.21	-88.85	-57.00	-31.85	0.00	-88.85
2	544.64	-87.54	-57.00	-30.54	0.00	-87.54
3	895.24	-86.66	-57.00	-29.66	0.00	-86.66

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5785
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

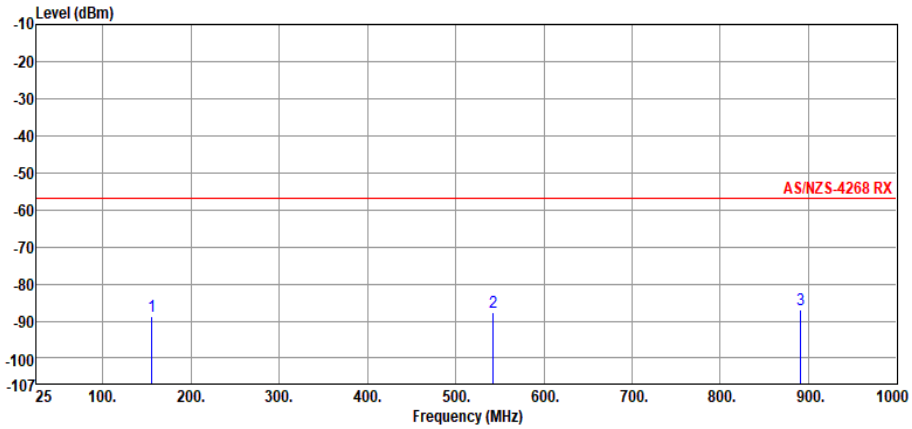


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	154.68	-88.02	-57.00	-31.02	0.00	-88.02
2	541.75	-87.99	-57.00	-30.99	0.00	-87.99
3	890.80	-86.45	-57.00	-29.45	0.00	-86.45

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

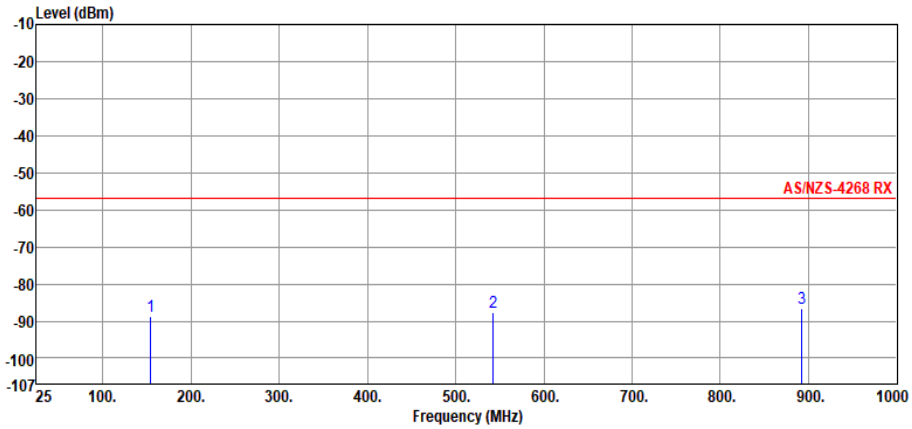


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	155.35	-88.85	-57.00	-31.85	0.00	-88.85
2	542.35	-87.55	-57.00	-30.55	0.00	-87.55
3	891.30	-86.85	-57.00	-29.85	0.00	-86.85

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5745
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

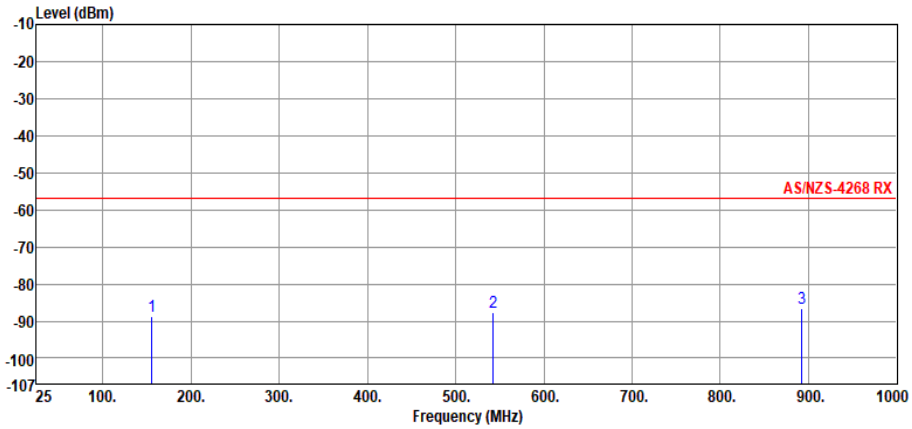


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	154.20	-88.58	-57.00	-31.58	0.00	-88.58
2	542.35	-87.54	-57.00	-30.54	0.00	-87.54
3	892.35	-86.55	-57.00	-29.55	0.00	-86.55

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5785
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

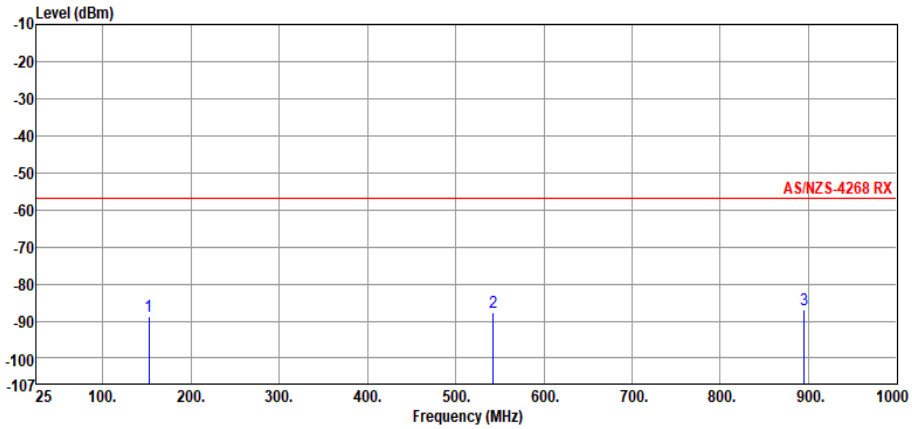


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	155.30	-88.78	-57.00	-31.78	0.00	-88.78
2	542.35	-87.81	-57.00	-30.81	0.00	-87.81
3	892.35	-86.49	-57.00	-29.49	0.00	-86.49

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5825
Frequency	25M~1GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

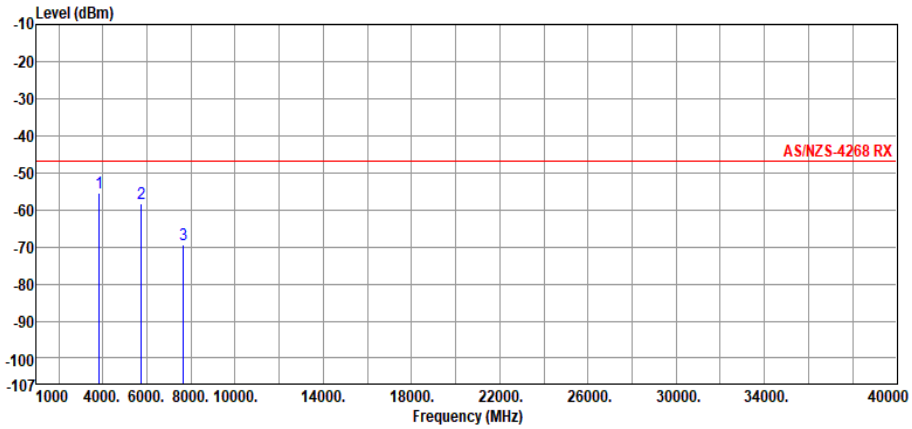


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	152.35	-88.86	-57.00	-31.86	0.00	-88.86
2	542.65	-87.55	-57.00	-30.55	0.00	-87.55
3	895.00	-86.85	-57.00	-29.85	0.00	-86.85

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5745
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

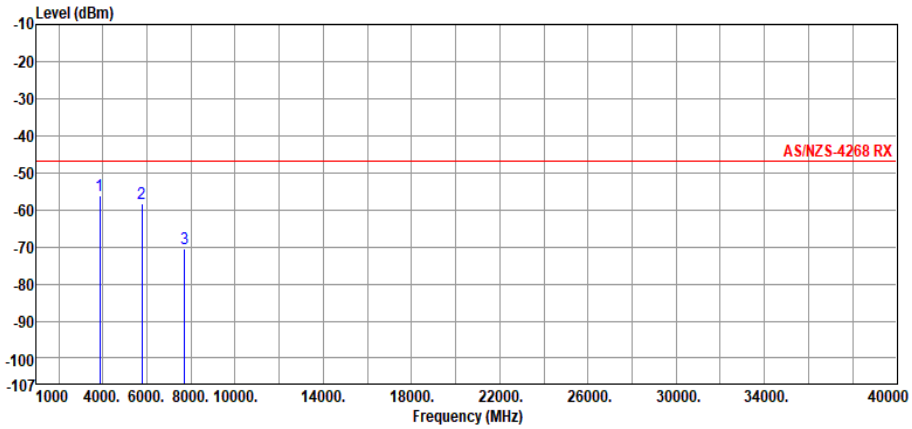


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3829.51	-55.45	-47.00	-8.45	0.00	-55.45
2	5744.41	-58.22	-47.00	-11.22	0.00	-58.22
3	7660.21	-69.42	-47.00	-22.42	0.00	-69.42

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5785
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

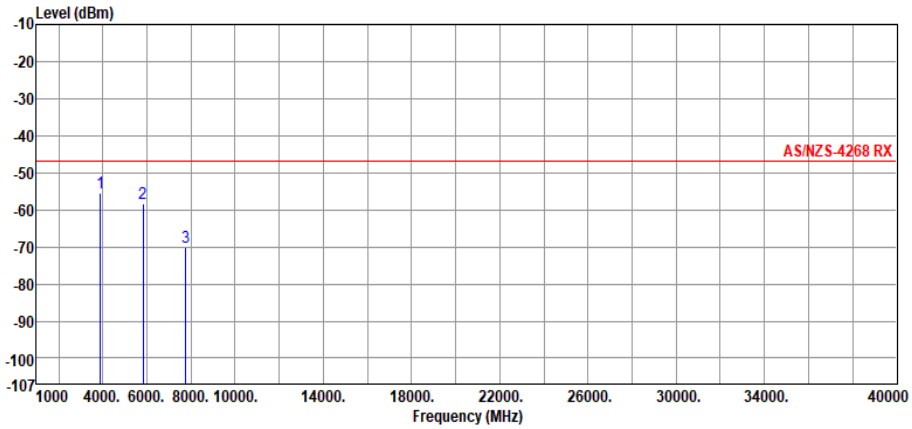


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3856.21	-56.25	-47.00	-9.25	0.00	-56.25
2	5785.21	-58.15	-47.00	-11.15	0.00	-58.15
3	7713.21	-70.40	-47.00	-23.40	0.00	-70.40

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	11a	**Test Freq. (MHz)**	5825
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

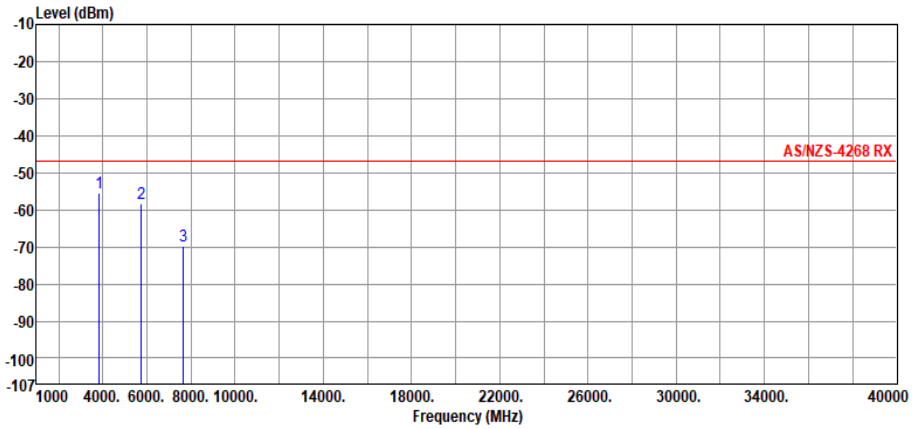


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3883.12	-55.54	-47.00	-8.54	0.00	-55.54
2	5824.21	-58.42	-47.00	-11.42	0.00	-58.42
3	7766.31	-70.29	-47.00	-23.29	0.00	-70.29

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5745
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

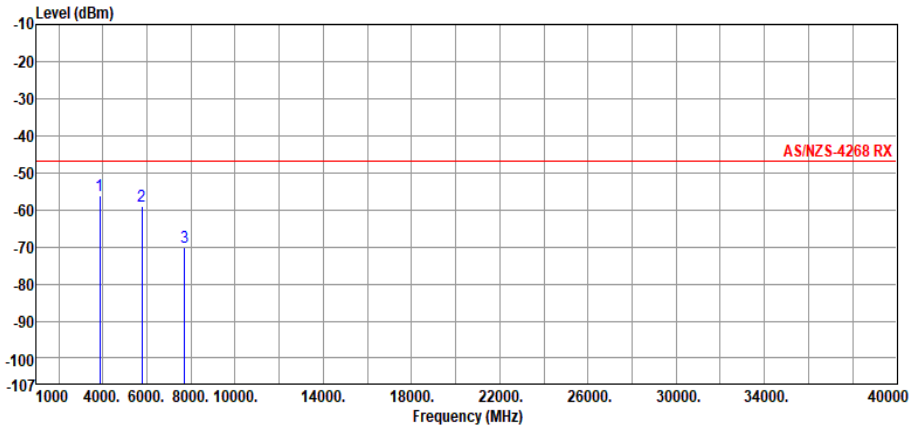


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3829.97	-55.59	-47.00	-8.59	0.00	-55.59
2	5744.92	-58.41	-47.00	-11.41	0.00	-58.41
3	7660.11	-69.79	-47.00	-22.79	0.00	-69.79

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5785
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64

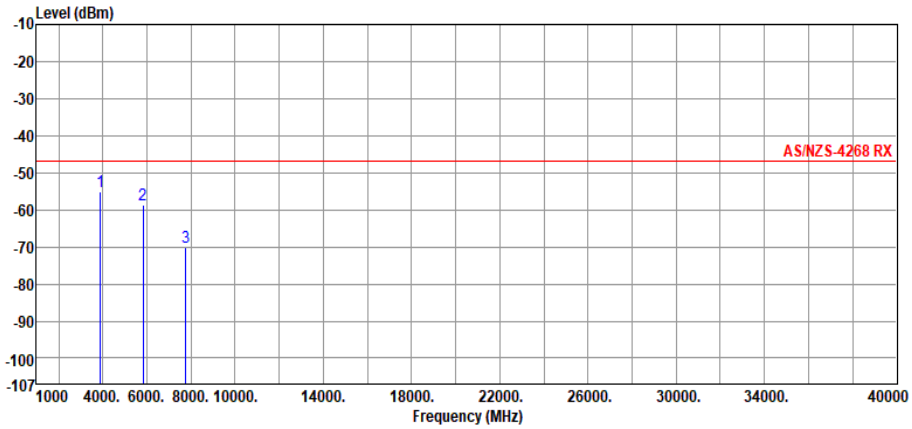


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3856.64	-56.25	-47.00	-9.25	0.00	-56.25
2	5785.01	-58.92	-47.00	-11.92	0.00	-58.92
3	7713.34	-70.15	-47.00	-23.15	0.00	-70.15

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5825
Frequency	1GHz~40GHz		

Test By :Ryan Lee Temperature:23 Humidity(%):64



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3883.26	-55.12	-47.00	-8.12	0.00	-55.12
2	5824.73	-58.79	-47.00	-11.79	0.00	-58.79
3	7766.46	-70.29	-47.00	-23.29	0.00	-70.29

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)