AS/NZS Test Report

Equipment	:	**802.11ax Wi-Fi 6E + BT5.4 Module**
Model No.	:	**Veda IF913**
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. 04 ~ Mar. 12, 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	Gary Chang
Alex Huang / Supervisor	**Gary Chang / Manager**

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Frequency band 5470 ~ 5725 MHz

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Appendix B. Conducted Output Power (EIRP)

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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
AR611202AI	Rev. 01	Initial issue	Aug. 18, 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]: 0.449MHz 35.99 (Margin -10.90dB) - AV	Pass
6.4	15.407(b) 15.209	Unwanted Emissions	[dB/m]: 11.433GHz -43.32 (Margin -2.12dB) - 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]: 23.14	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): 28.17	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 IF913	453-00400	802.11ax Wi-Fi 6E + BT5.4 Module	Module, Veda IF913, SIP, Tri Band, No Embedded Memory, RF Trace Pin
	453-00401		Module, Veda IF913, 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]	1	6-54 Mbps MCS 0-7 MCS 0-9 MCS 0-11
5725-5850	a n (HT20) ac (VHT20) ax (HE20)	5745-5825	149-165 [5]	1	6-54 Mbps MCS 0-7 MCS 0-9 MCS 0-11
Note: 802.11a/n/ac/ax uses a combination of OFDM/OFDMA-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	ANT1608LL14R2460A	Chip	NA	2.3	0.1	0.1	1.8	2.5

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)
				5925~6425
Yageo / Chip Antenna	ANT1608LL14R2460A	Chip	NA	2.7

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	EFD2471A3S -10MH4L	PIFA	MHF4L	2.2	3.8	3.8	3.8	3.8
Ezurio / FlexPIFA 6E	EFB2471A3S -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	EFB2455A3S -15MH4L	PIFA	MHF1	2.5	3	3	3	3

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)
				5925~6425
Ezurio / FlexMIMO 6E	EFD2471A3S-10MH4L	PIFA	MHF4L	3.3
Ezurio / FlexPIFA 6E	EFB2471A3S-10MH4L	PIFA	MHF4L	3.8
Ezurio / Mini NanoBlade Flex 6GHz	EMF2471A3S-10MH4L	PCB Dipole	MHF4L	5.2
Joymax Electronics / Dipole 6E	TWX-100BRS3B	Dipole	RP-SMA	4

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
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	98.68%	0.06
ax HE20-OFDMA	97.47%	0.11

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	99.41%	0.03
ax HE20_OFDMA_RU52	99.42%	0.03
ax HE20_OFDMA_RU106	98.81%	0.05

1.1.8 Power Index of Test Tool

full RU configuration

Modulation Mode	Test Frequency (MHz)	Power Index
11a	5720	76
11a	5745	77
11a	5785	77
11a	5825	77
ax HE20-OFDMA	5720	76
ax HE20-OFDMA	5745	93
ax HE20-OFDMA	5785	93
ax HE20-OFDMA	5825	93

partial RU configuration

Modulation Mode	Test Frequency (MHz)	Power Index
ax HE20_OFDMA_RU26	5720	58
ax HE20_OFDMA_RU26	5745	93
ax HE20_OFDMA_RU26	5785	93
ax HE20_OFDMA_RU26	5825	93
ax HE20_OFDMA_RU52	5720	70
ax HE20_OFDMA_RU52	5745	93
ax HE20_OFDMA_RU52	5785	93
ax HE20_OFDMA_RU52	5825	93
ax HE20_OFDMA_RU106	5720	76
ax HE20_OFDMA_RU106	5745	93
ax HE20_OFDMA_RU106	5785	93
ax HE20_OFDMA_RU106	5825	93

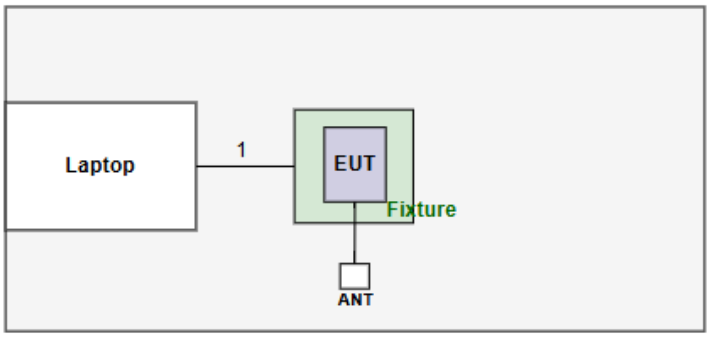
Frequency band 5470 ~ 5725 MHz

1.2 Local Support Equipment List

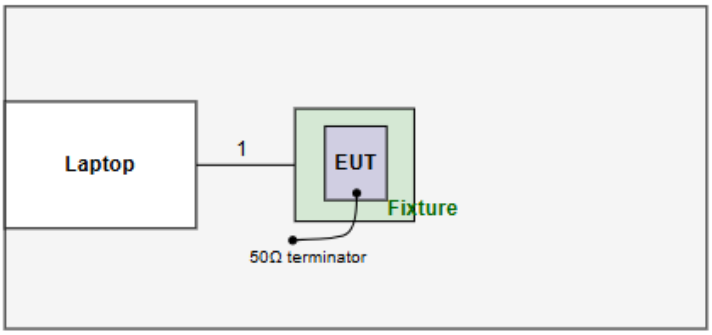
Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Laptop	Lenovo	ThinkPad X230	DoC	---
2	Fixture	---	---	---	Provided by applicant.
3	50 ohm load	woken	WTER-18S2	---	---

1.3 Test Setup Chart

Test Setup Diagram (Conducted Emission)



Test Setup Diagram (Radiated Emission)



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

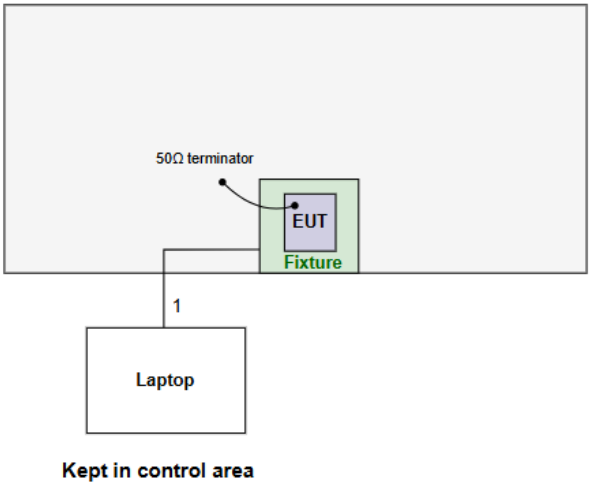
Frequency band 5725 ~5850 MHz

1.4 Local Support Equipment List

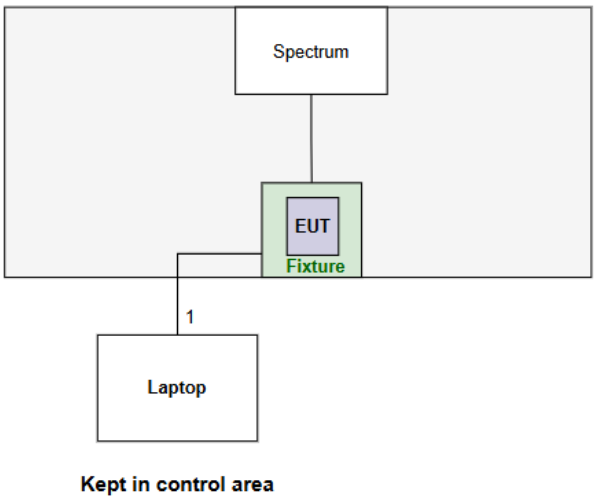
Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**S/N**	**Remarks**
1	Laptop	Lenovo	TP00003B	R9-L1LRK	Provided by applicant.
2	Fixture	---	---	---	Provided by applicant.
3	50Ω terminator	---	---	---	---

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	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Feb. 09 ~ Mar. 06, 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. 03, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 26, 2026	Feb. 25, 2027
LISN	R&S	ENV216	101579	May. 07, 2025	May. 06, 2026
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Mar. 21, 2025	Mar. 20, 2026
RF Cable-CON	EMC	EMCCFD300-BM-BM-6000	50821	Oct. 07, 2025	Oct. 06, 2026
50 ohm terminal	NA	50	3	Jul. 30, 2025	Jul. 29, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Feb. 13 ~ Feb. 28, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101498	Nov. 06, 2025	Nov. 05, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2025	Nov. 16, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Sep. 05, 2025	Sep. 04, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 19, 2025	Dec. 18, 2026
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 28, 2025	Nov. 27, 2026
Preamplifier	EMC	EMC02325	980225	Jun. 13, 2025	Jun. 12, 2026
Preamplifier	EMC	EMC118A45SE	980898	Jun. 24, 2025	Jun. 23, 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 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 01, 2025	Sep. 30, 2026
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 01, 2025	Sep. 30, 2026
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 01, 2025	Sep. 30, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 01, 2025	Sep. 30, 2026
Attenuator	Pasternack	PE7005-10	10-1	Oct. 01, 2025	Sep. 30, 2026
HIGHPASS FILTER 7.5-18G	STI	STI15-9722	STI-HP7.5G-A	Oct. 01, 2025	Sep. 30, 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. 06 ~ Feb. 10, 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. 04 ~ Mar. 11, 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-300328_DTS	5.11.6.0	NA	NA
Measurement Software	Sporton	SENSE-301893_NII	5.11.8.0	NA	NA
Measurement Software	Agilent	EN RF test	1.1501125	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
ANSI C63.4-2014 + C63.4a-2017

1.8 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01
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

Frequency band 5470 ~ 5725 MHz

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 °C

Frequency band 5725 ~5850 MHz

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

Measurement Uncertainty		
Parameters	**Uncertainty**	**Limit**
Radio Frequency	±1.4 x 10^{-9}	±1 × 10^{-5}
RF power conducted	±0.808 dB	±1,5 dB
RF power radiated	±3.398 dB	±6 dB
Spurious emission, conducted	±2.470 dB	±3 dB
Spurious emission, radiated	±3.398 dB	±6 dB
Humidity	±4.7%	±5 %
Temperature	±0.8 °C	±2 °C
Time	±0.1 %	±10 %

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-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.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- 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
				Conducted		---
Conducted Output Power 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. 453-00401** was the worst case and was selected for the final test. (sku 1: Part No. 453-00400, sku 2: Part No. 453-00401)

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
				Conducted	TX	---
Conducted Output Power 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. 453-00401** was the worst case and was selected for the final test. (sku 1: Part No. 453-00400, sku 2: Part No. 453-00401)

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	11a ax HE20-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825	6 Mbps MCS 0	Radiated	1TX	Note 2	---
				Conducted		---	---
Receiver Spurious Emissions	11a ax HE20-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825	6Mbps MCS 0	Radiated	1RX	Note 2	---
				Conducted		---	---

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. Two skus had been covered during the pretest and found that **Part No. 453-00401** was the worst case and was selected for the final test. (sku 1: Part No. 453-00400, sku 2: Part No. 453-00401)

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	MCS 0	Conducted	1TX	---	---
Transmitter Spurious Emissions	ax HE20-OFDMA RU106	5745 / 5785 / 5825	MCS 0	Radiated	1TX	Note 2	---
				Conducted		---	---

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. Two skus had been covered during the pretest and found that **Part No. 453-00401** was the worst case and was selected for the final test. (sku 1: Part No. 453-00400, sku 2: Part No. 453-00401)

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

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. Test configurations for Spurious Emission below 30MHz Test:
   Configuration 1: Chip Antenna_ANT1608LL14R2460A
   Configuration 2: Dipole 6E_TWX-100BRS3B
   Configuration 3: FlexMIMO 6E_EFD2471A3S-10MH4L
   Configuration 4: FlexPIFA 6E_EFB2471A3S-10MH4L
   Configuration 5: FlexPIFA Dual Band_001-0021
   Configuration 6: FlexPIFA Dual Band_EFB2455A3S-15MH4L
   Configuration 7: Mini NanoBlade Flex 6GHz_EMF2471A3S-10MH4L
3. Two skus had been covered during the pretest and found that **Part No. 453-00401** was the worst case and was selected for the final test. (sku 1: Part No. 453-00400, sku 2: Part No. 453-00401)

Partial RU configuration							
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test method**	**Mode**	**Note**	**Test Configuration**
Transmitter Spurious Emissions ≤ 30 MHz	ax HE20-OFDMA RU106	5720 / 5825	MCS 0	Radiated	1TX	Note 2	1 ~ 7

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. Test configurations for Spurious Emission below 30MHz Test:
   Configuration 1: Chip Antenna_ANT1608LL14R2460A
   Configuration 2: Dipole 6E_TWX-100BRS3B
   Configuration 3: FlexMIMO 6E_EFD2471A3S-10MH4L
   Configuration 4: FlexPIFA 6E_EFB2471A3S-10MH4L
   Configuration 5: FlexPIFA Dual Band_001-0021
   Configuration 6: FlexPIFA Dual Band_EFB2455A3S-15MH4L
   Configuration 7: Mini NanoBlade Flex 6GHz_EMF2471A3S-10MH4L
3. Two skus had been covered during the pretest and found that **Part No. 453-00401** was the worst case and was selected for the final test. (sku 1: Part No. 453-00400, sku 2: Part No. 453-00401)

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.

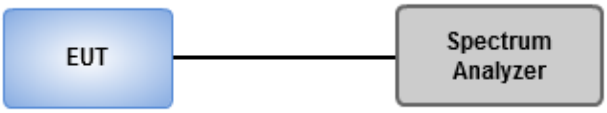
Occupied Bandwidth

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	21-24°C / 61-65%	**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	21-24°C / 61-65%	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

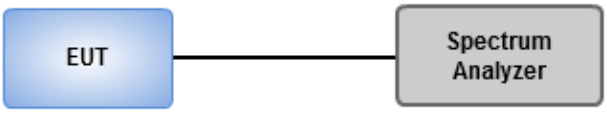
Duty cycle ≥ 98 %

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	21-24°C / 61-65%	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

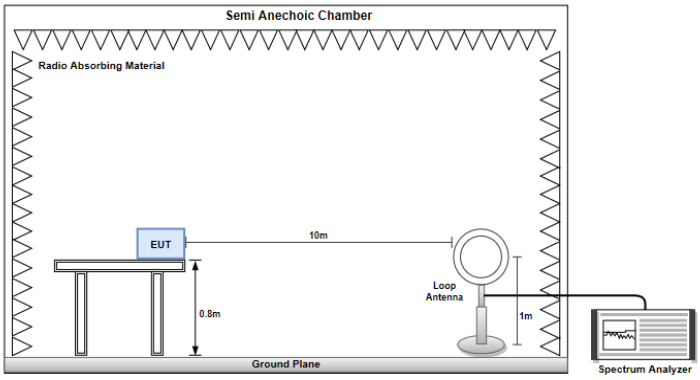
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

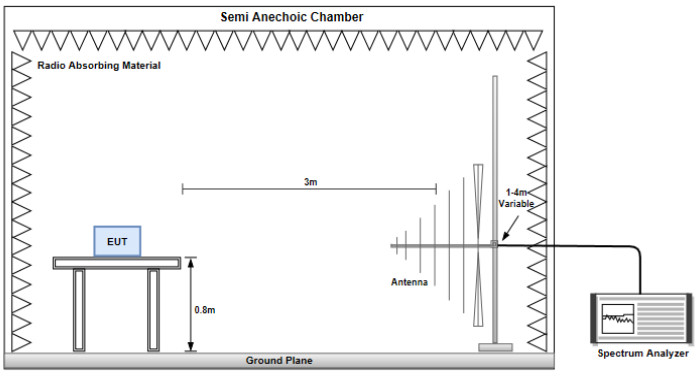
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

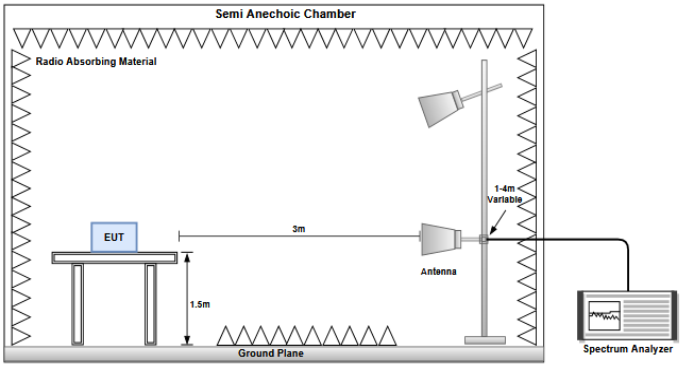
Unwanted Emissions Below 30MHz



Unwanted Emissions below 1 GHz



Unwanted Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Frequency Stability

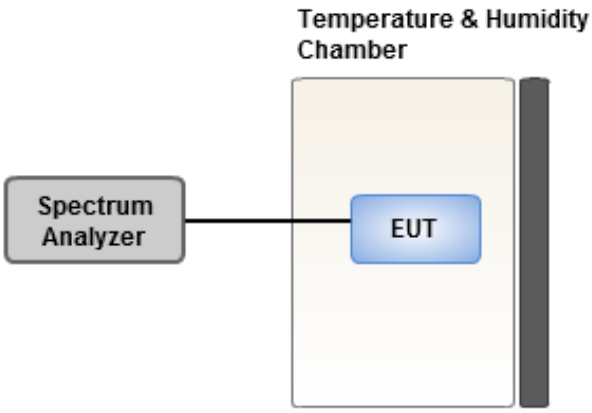
3.5.1 Limit of Frequency Stability

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	21-24°C / 61-65%	**Tested By**	Ryan Lee

Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

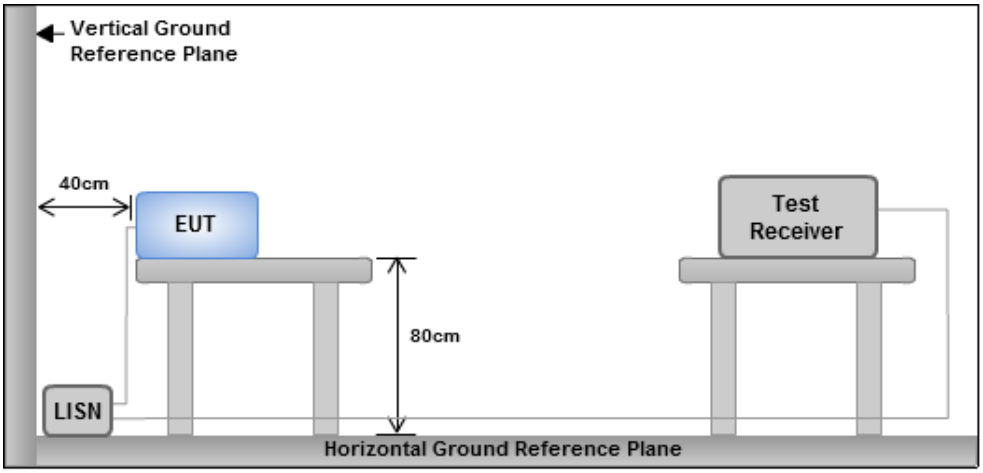
3.6.1 Limit of AC Power Line Conducted Emissions

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

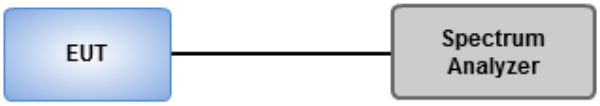
4.1.1 Limit of Emission Bandwidth

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

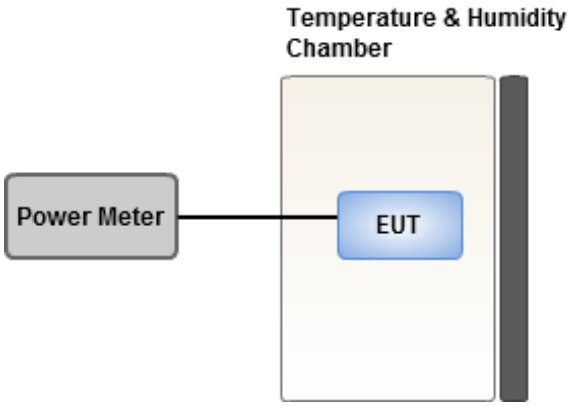
4.2.1 EIRP Limits

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

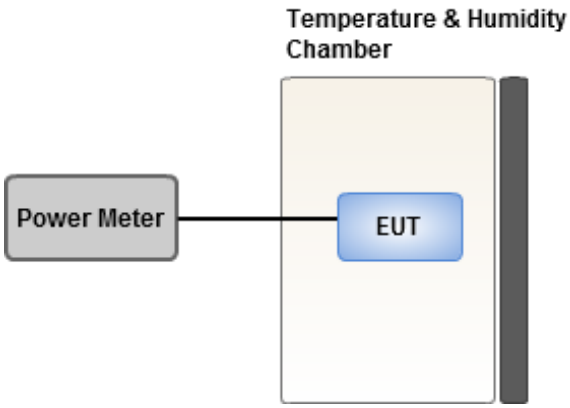
4.3.1 Power Spectral Density Limits

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

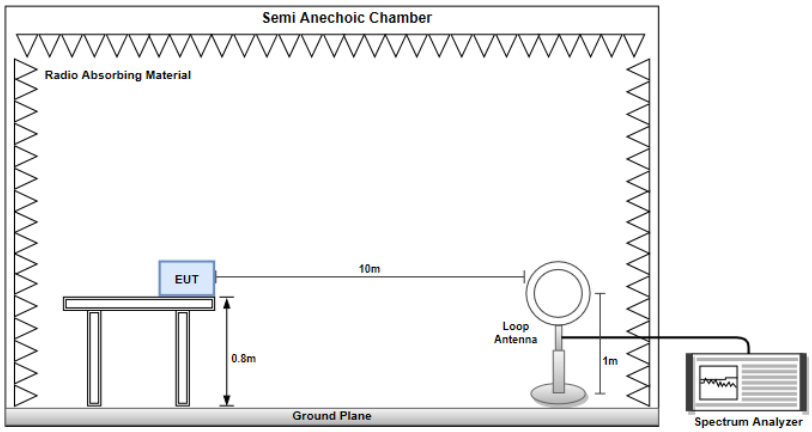
Frequency Range (MHz)	Maximum power (dBm)	Bandwidth (kHz)
30 to 47	-36	100
47 to 74	-54	100
74 to 87,5	-36	100
87,5 to 118	-54	100
118 to 174	-36	100
174 to 230	-54	100
230 to 470	-36	100
470 to 862	-54	100
862 to 1000	-36	100
1000 to 12750	-30	1000

4.4.2 Test Procedures

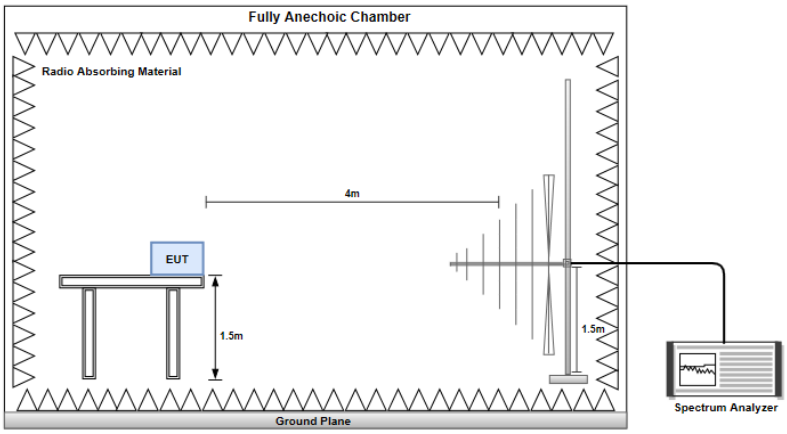
Reference to clause 6.2.1 of AS/NZS 4268:2017+Amd 1:2021.

4.4.3 Test Setup

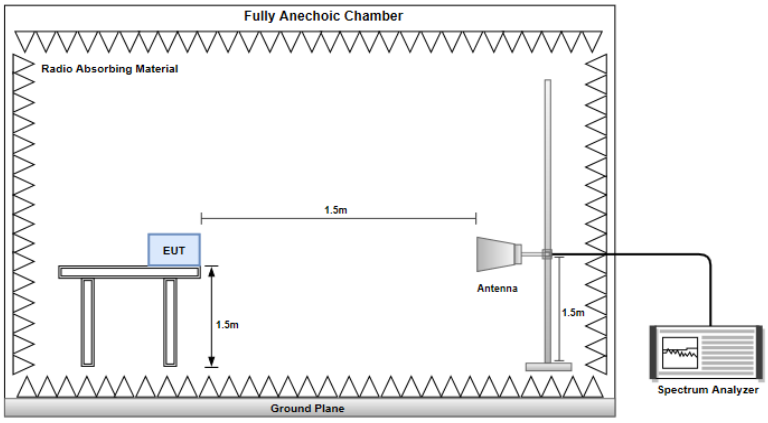
Below 30MHz



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

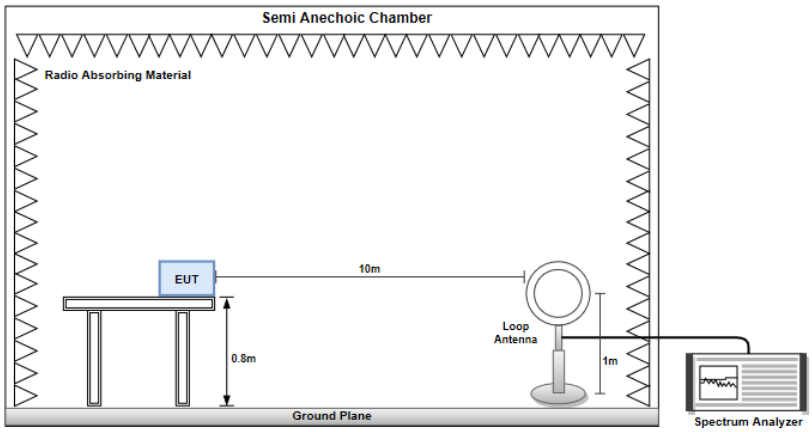
Frequency Range	Maximum power (dBm)	Measurement bandwidth (kHz)
30 MHz to 1 GHz	-57	100
Above 1 GHz to 12.75 GHz	-47	1000

5.1.2 Test Procedures

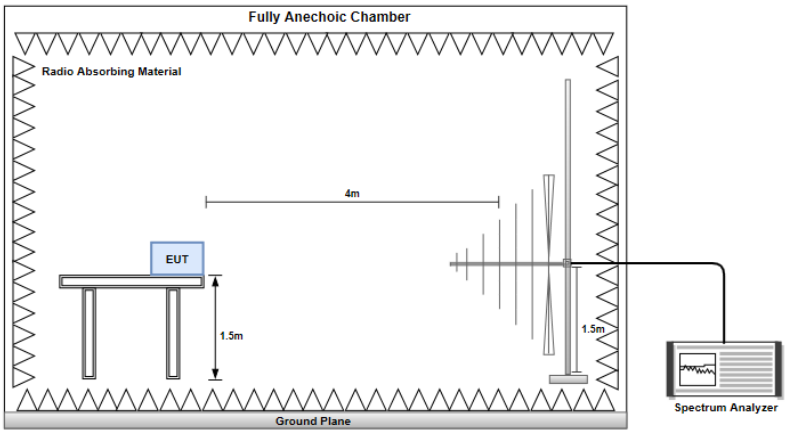
Reference to clause 7.2.1 of AS/NZS 4268:2017+Amd 1:2021.

5.1.3 Test Setup

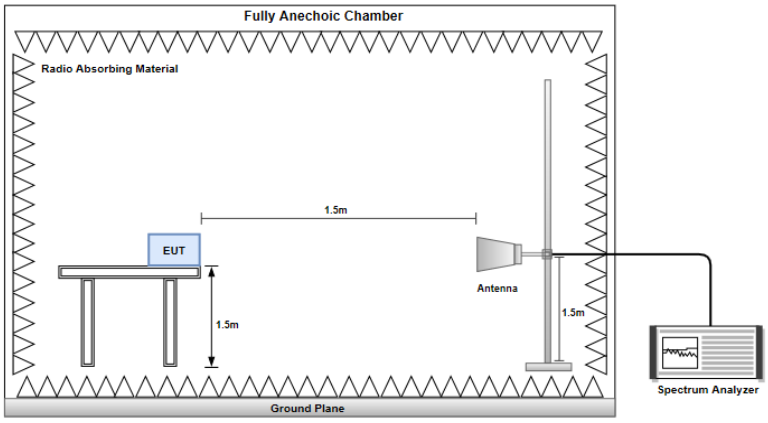
Below 30MHz



Below 1GHz



Above 1 GHz



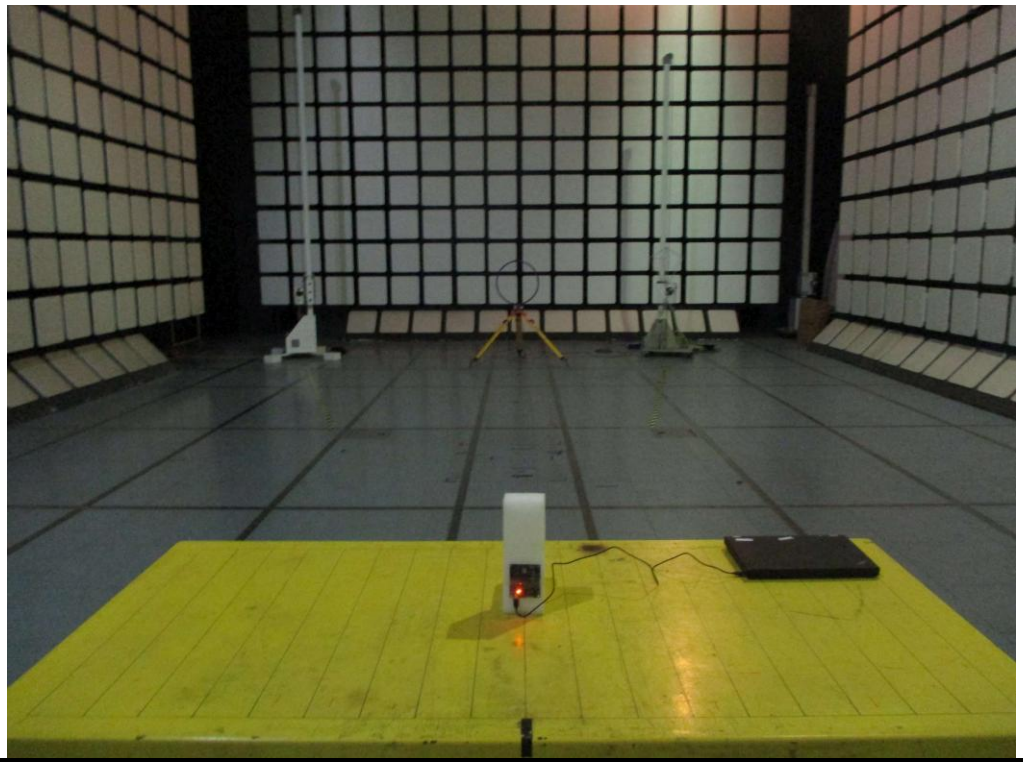
5.1.4 Test Results

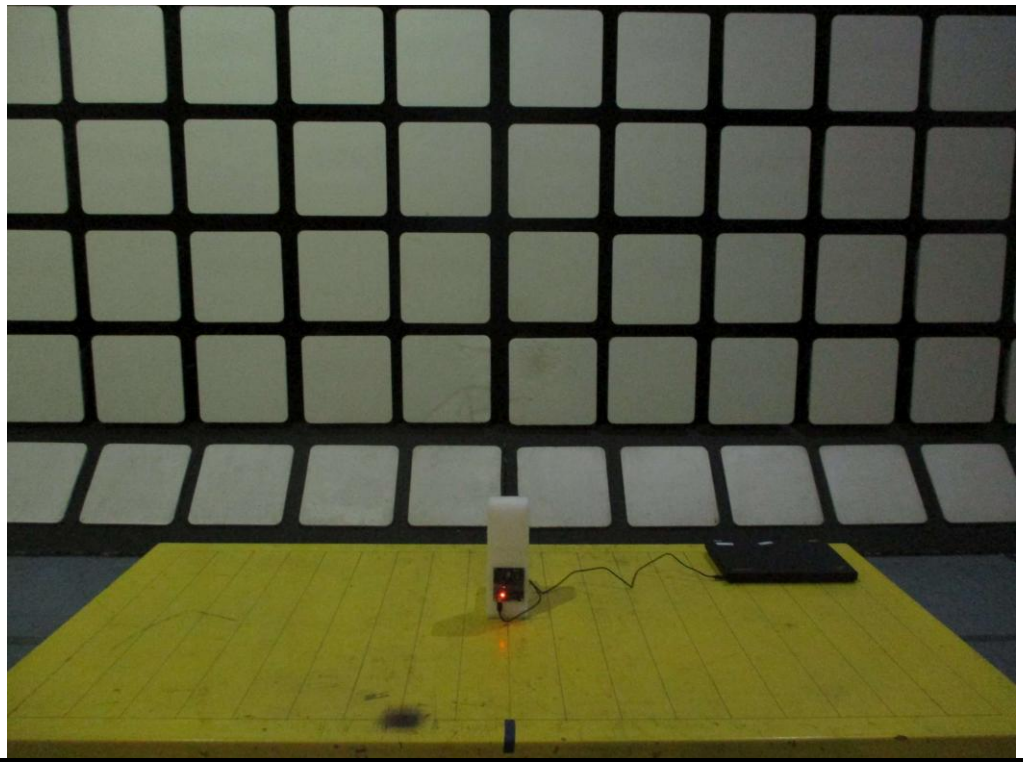
Refer to Appendix K.

6 Photographs of the Test Configuration

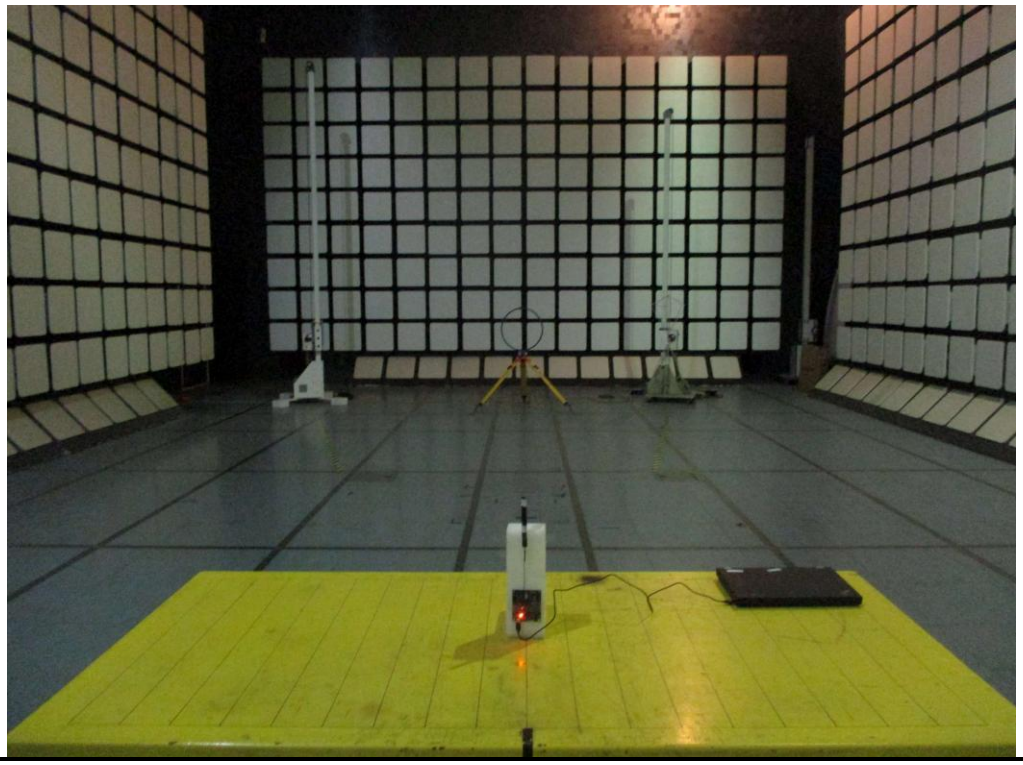
Frequency band 5725 ~5850 MHz

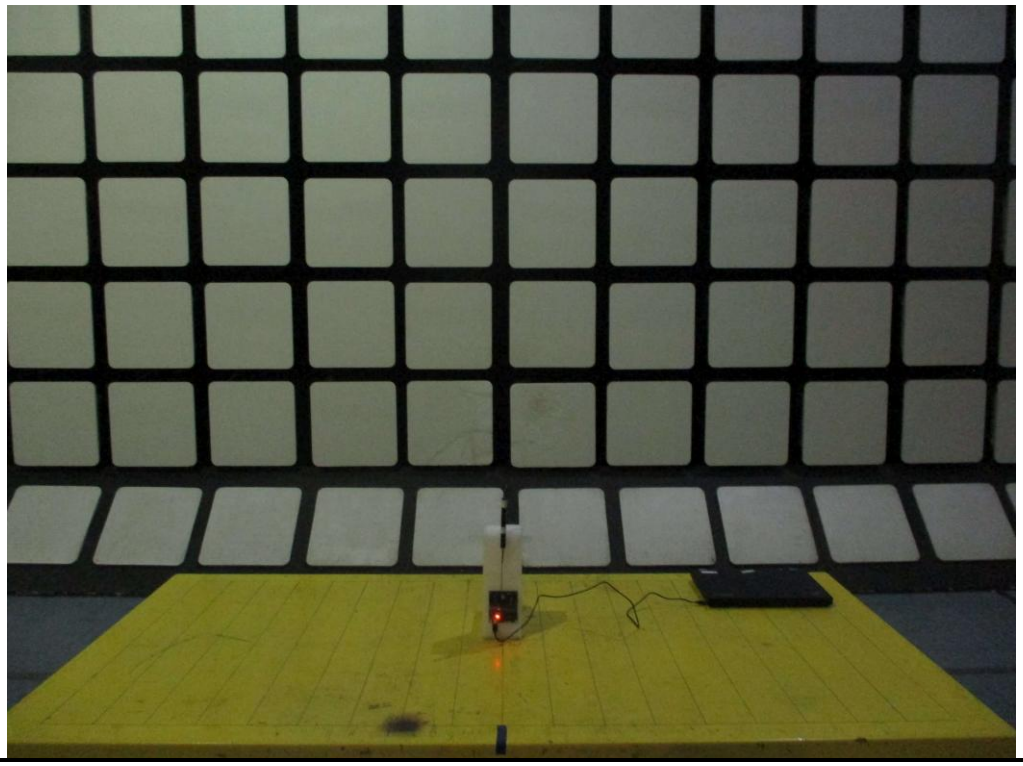
Spurious Emission below 30MHz Test (Chip Antenna_ANT1608LL14R2460A)



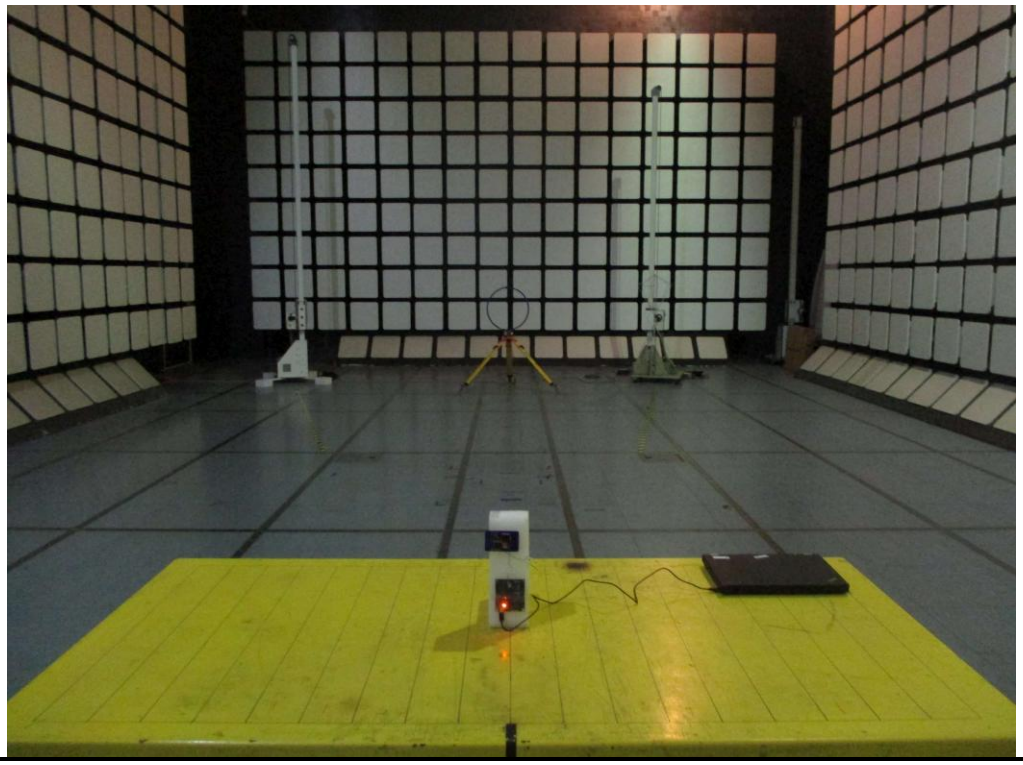


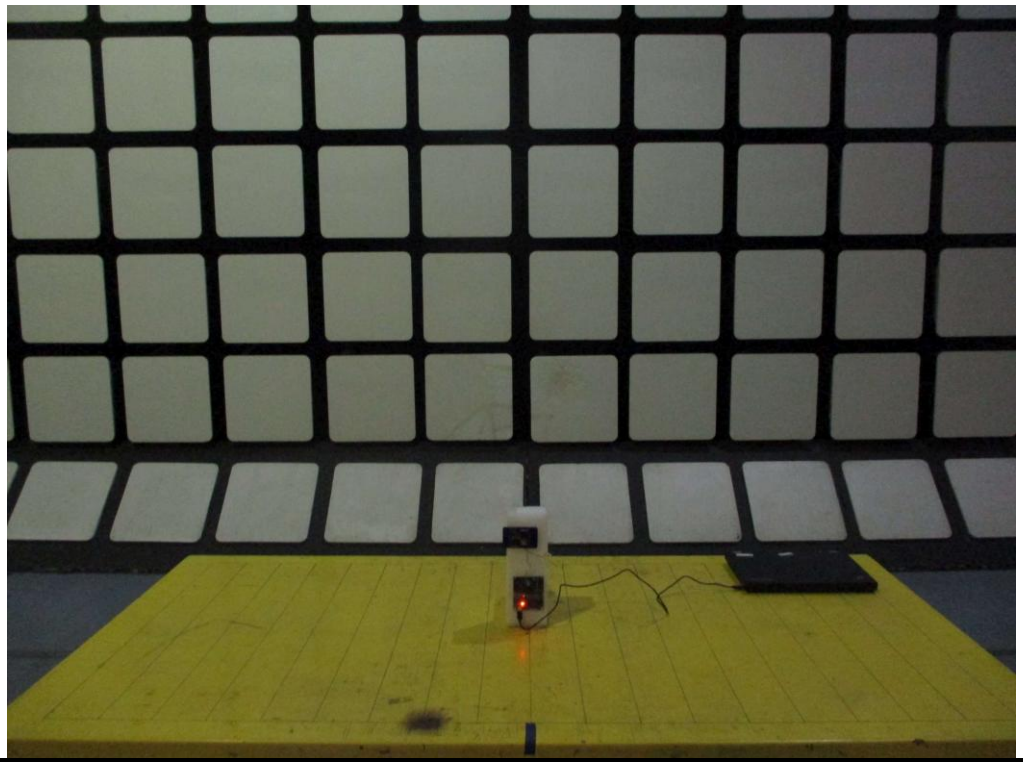
Spurious Emission below 30MHz Test (Dipole 6E_TWX-100BRS3B)



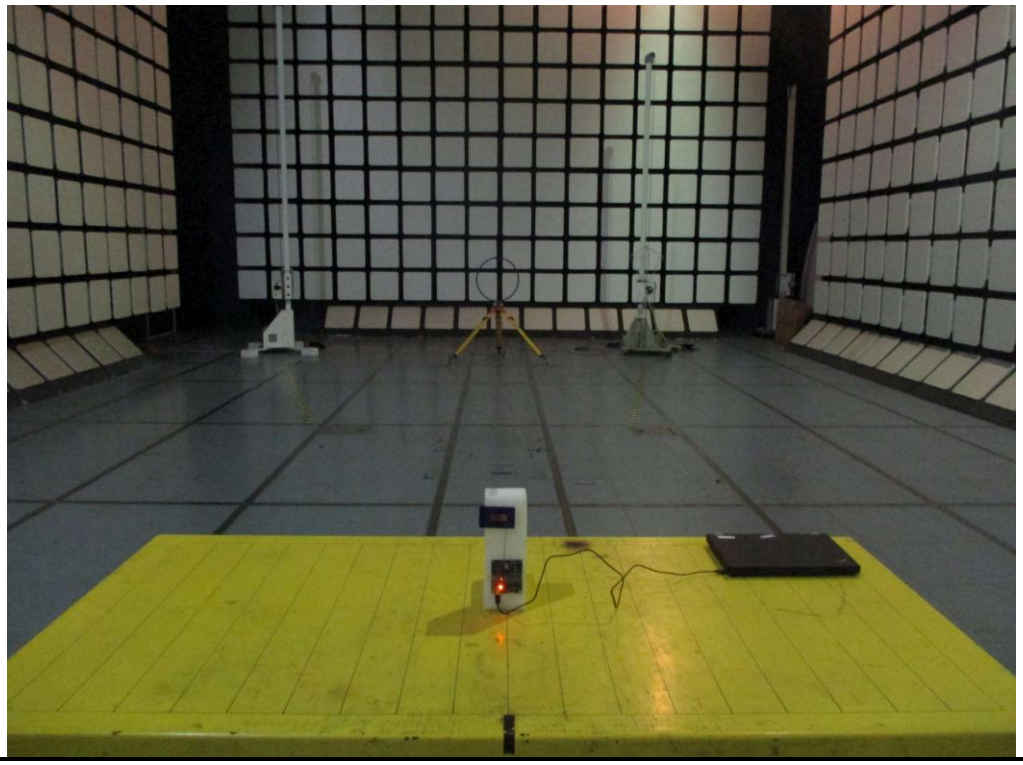


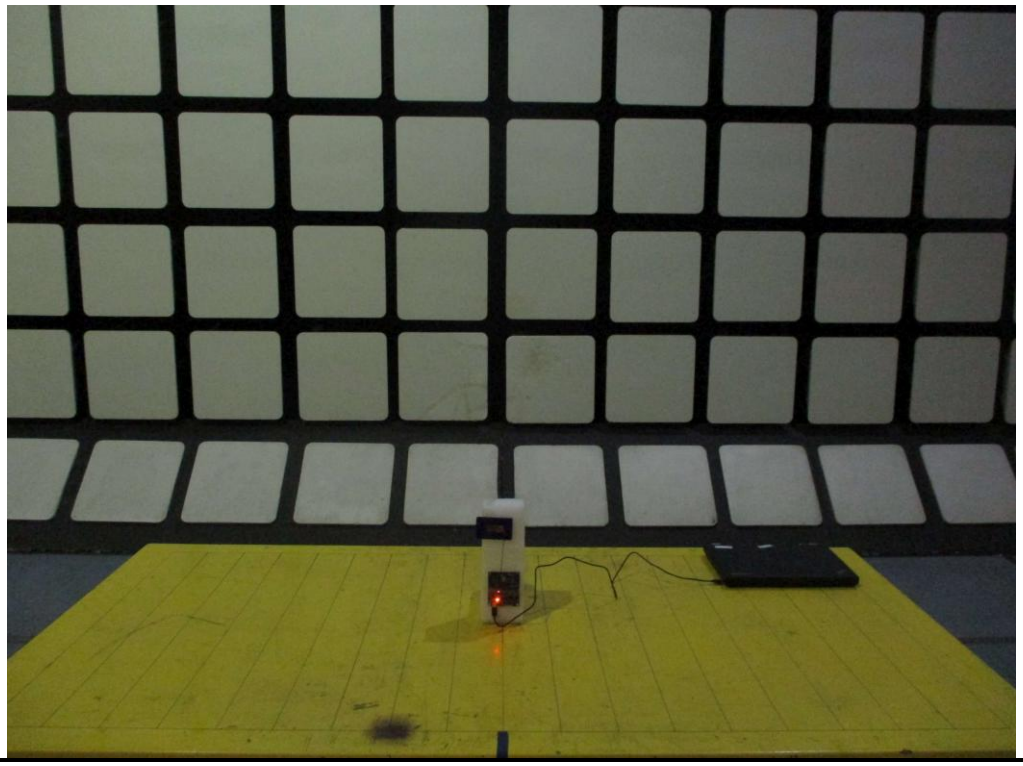
Spurious Emission below 30MHz Test (FlexMIMO 6E_EFD2471A3S-10MH4L)



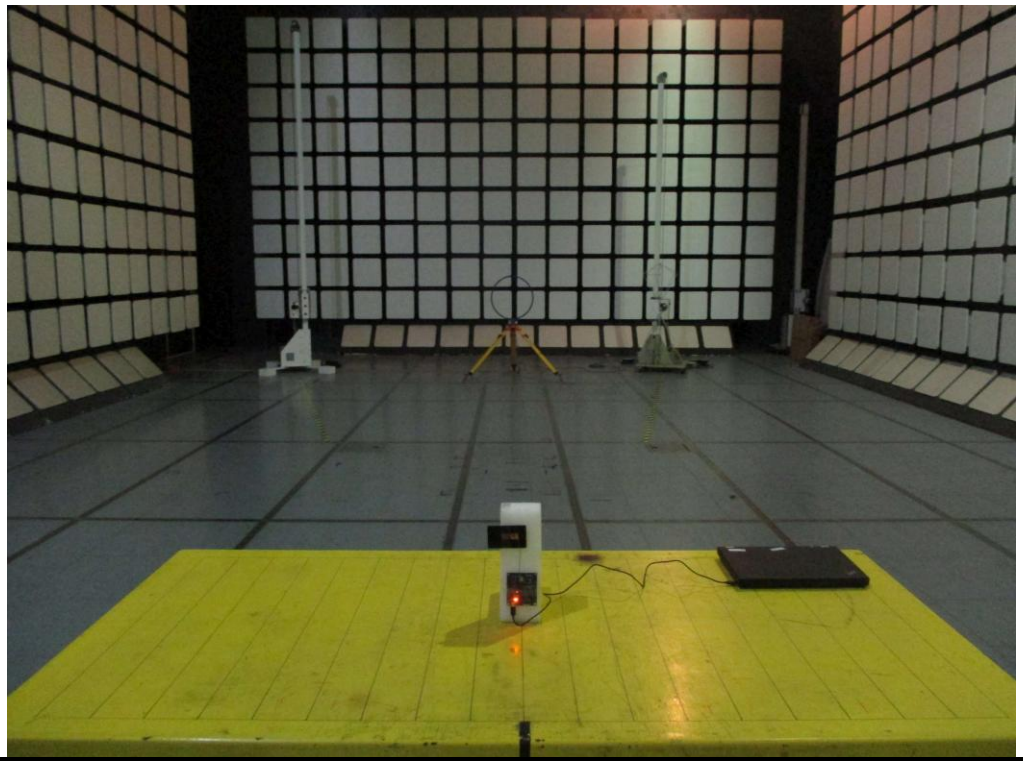


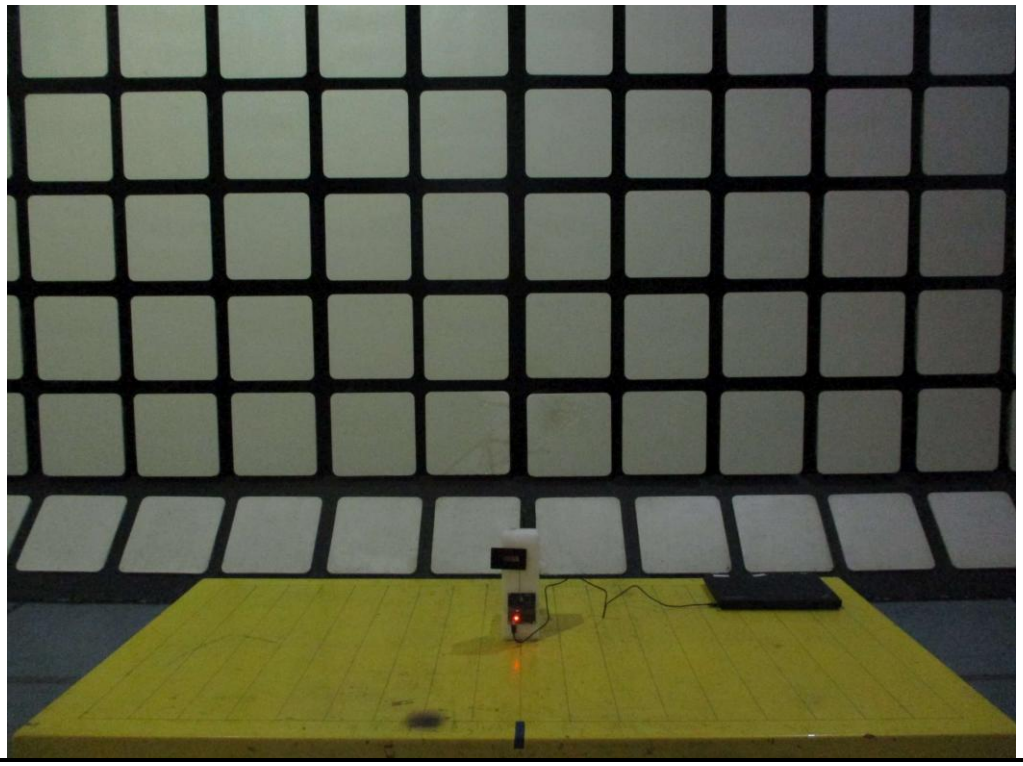
Spurious Emission below 30MHz Test (FlexPIFA 6E_EFB2471A3S-10MH4L)



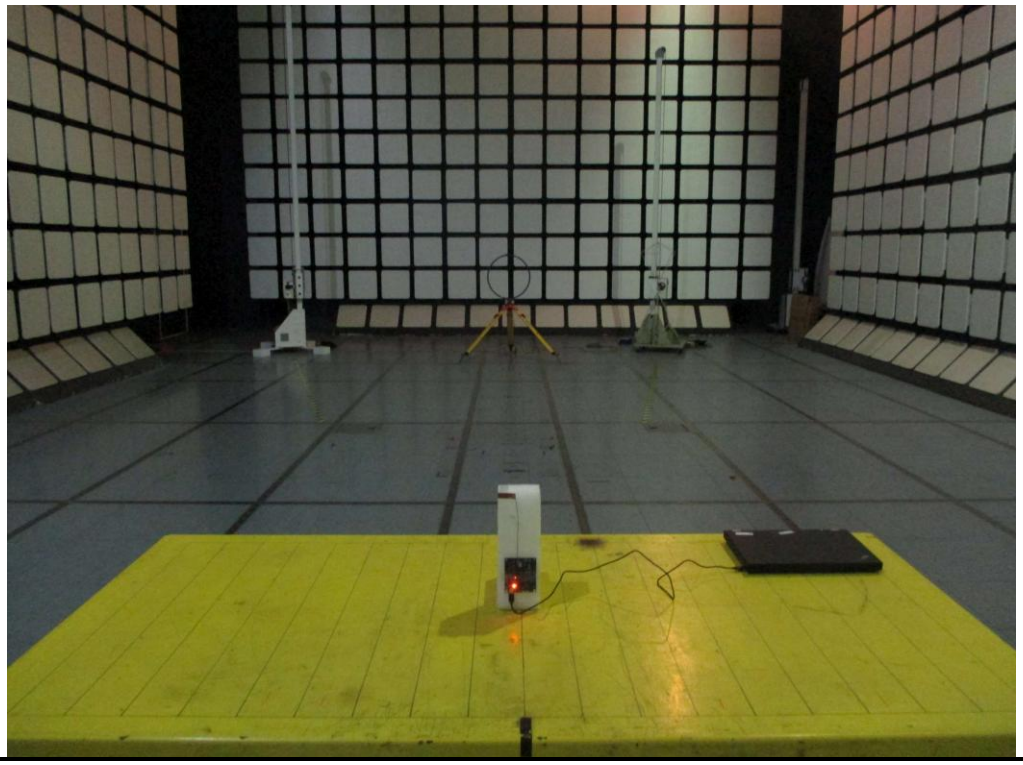


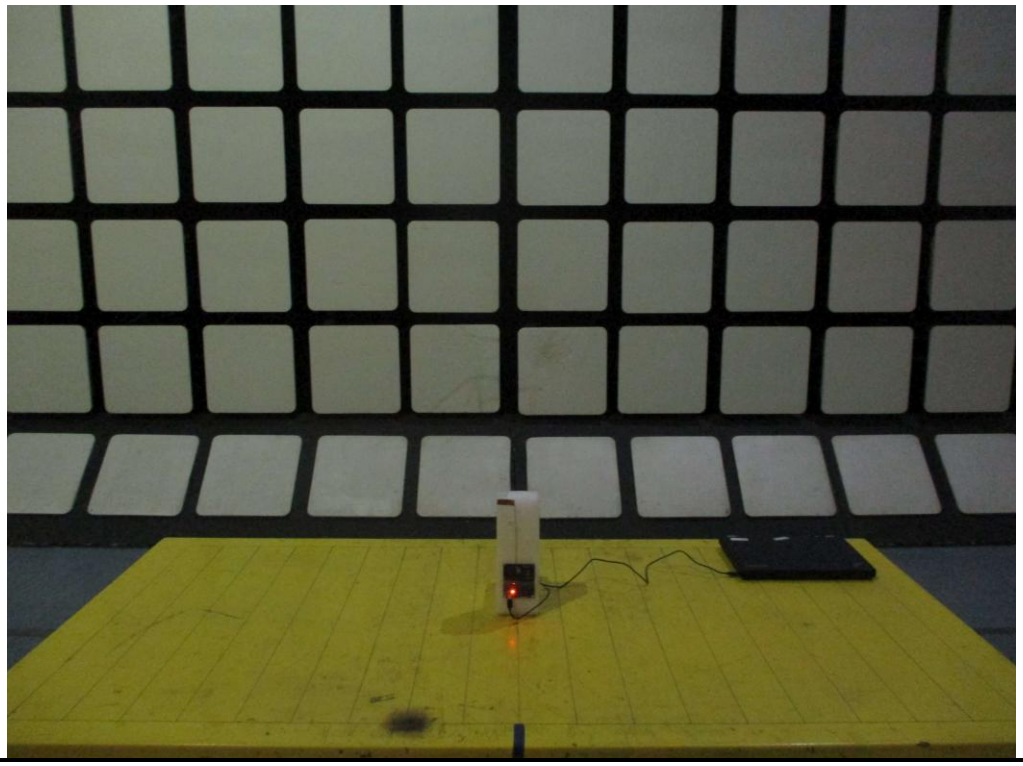
Spurious Emission below 30MHz Test (FlexPIFA Dual Band_001-0021)



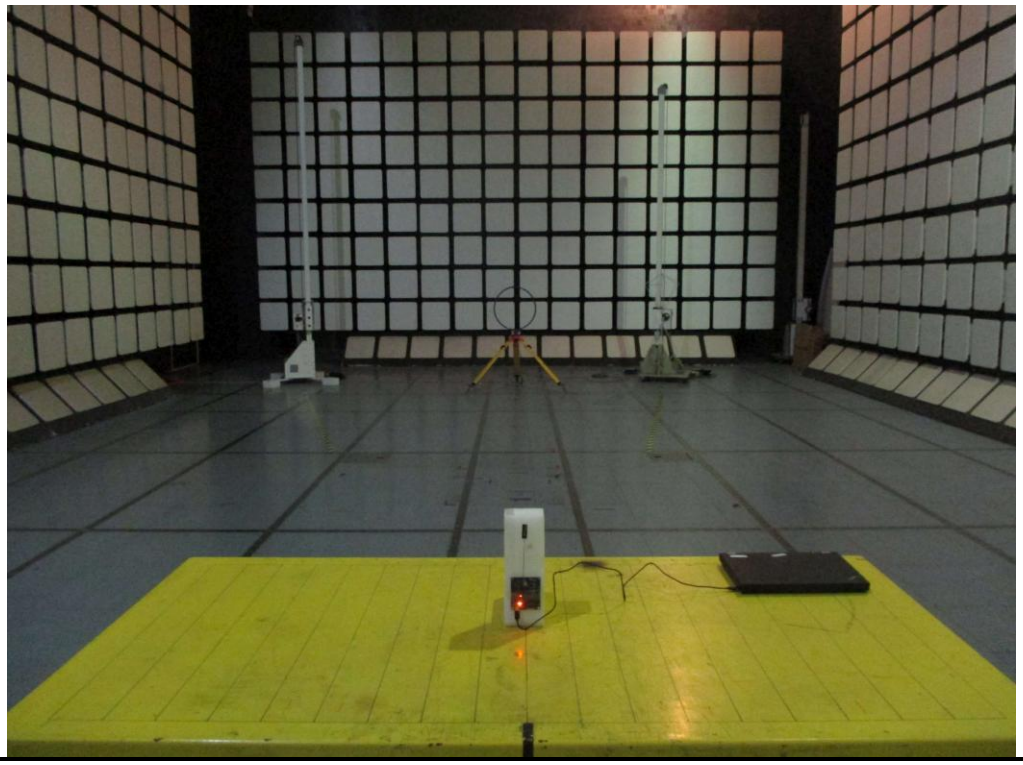


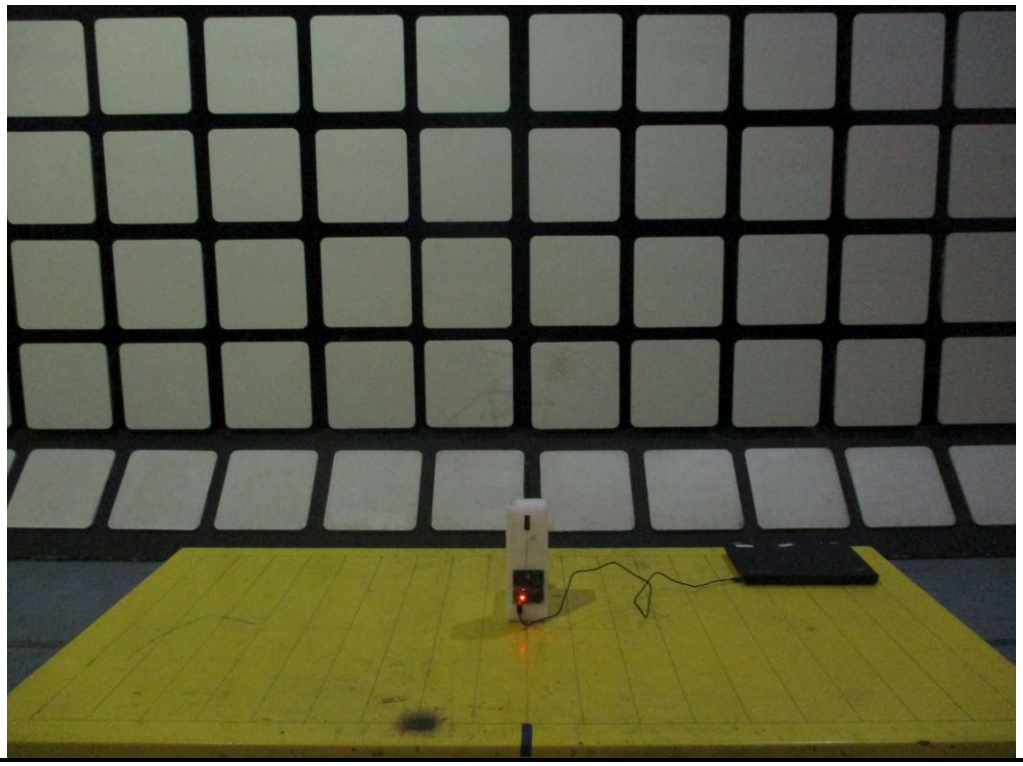
Spurious Emission below 30MHz Test (FlexPIFA Dual Band_EFB2455A3S-15MH4L)



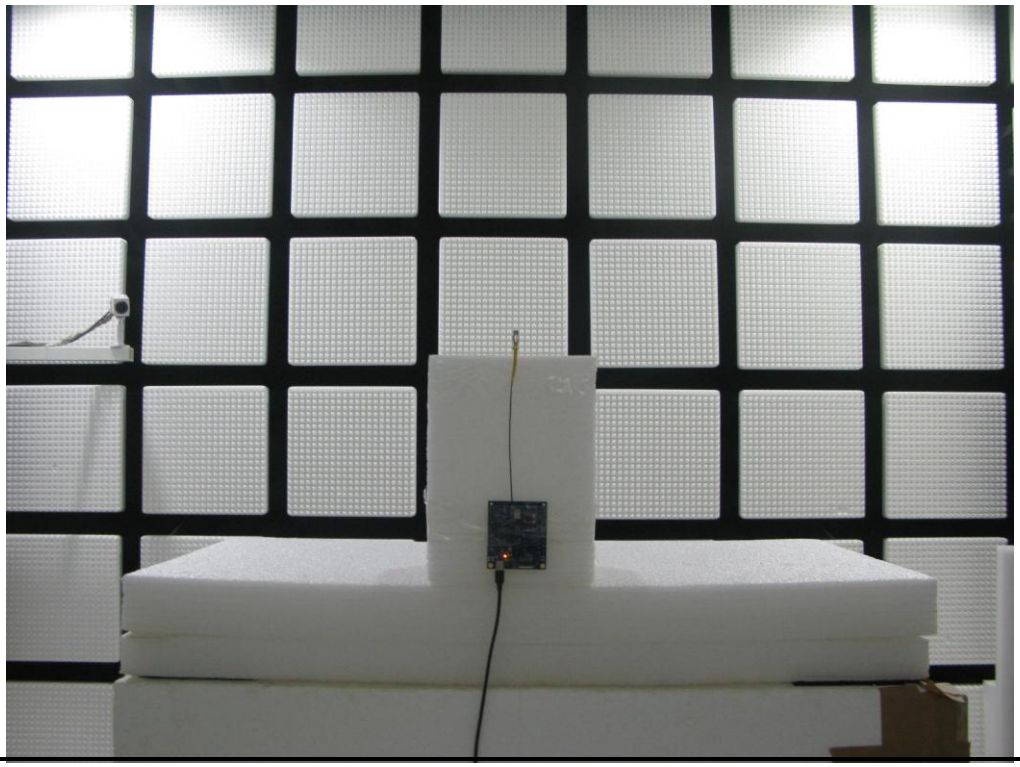


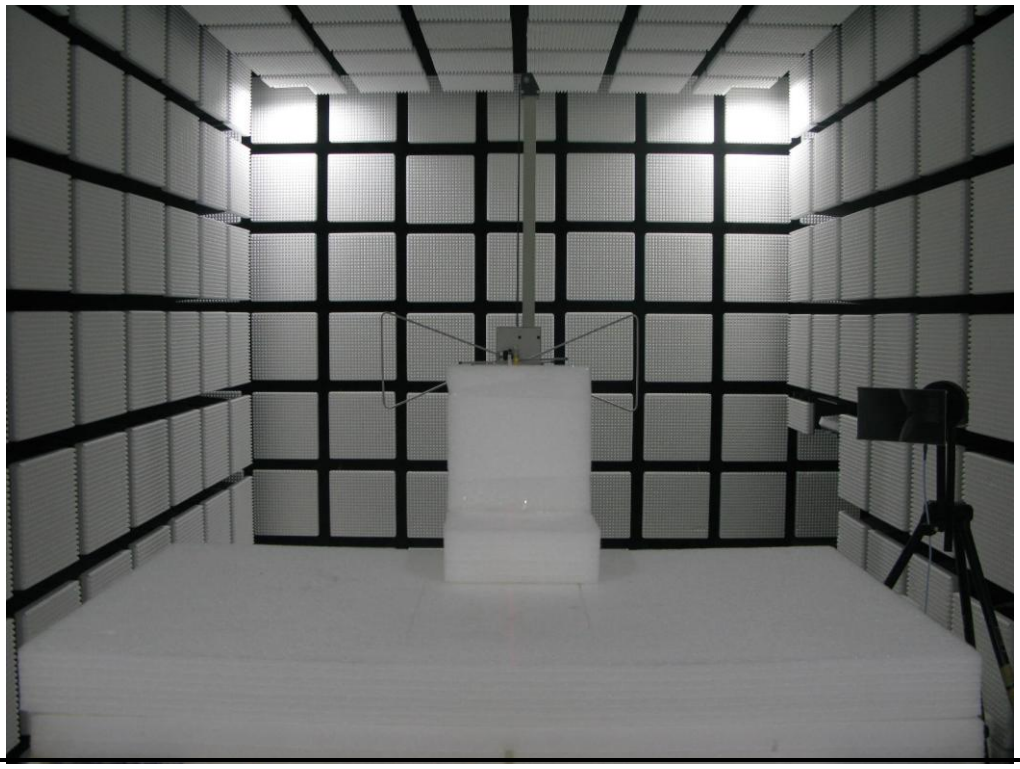
Spurious Emission below 30MHz Test (Mini NanoBlade Flex 6GHz_EMF2471A3S-10MH4L)



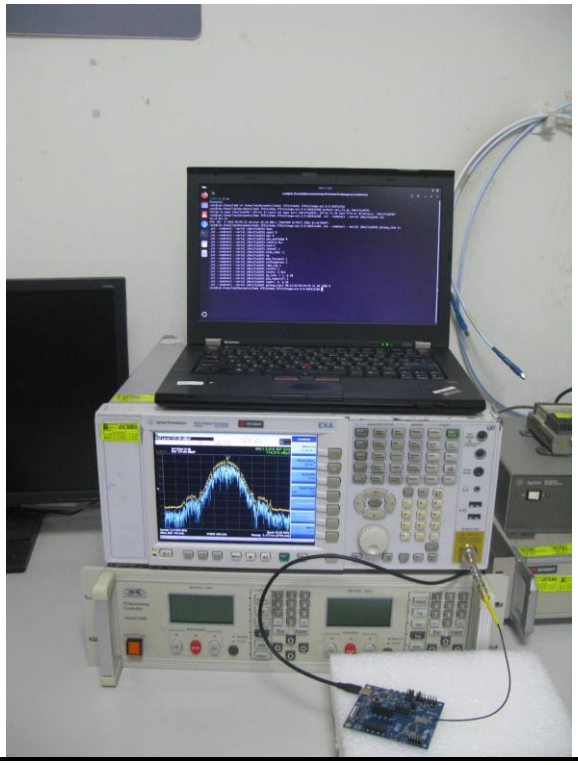


Spurious Emission above 30MHz Test (Radiated)



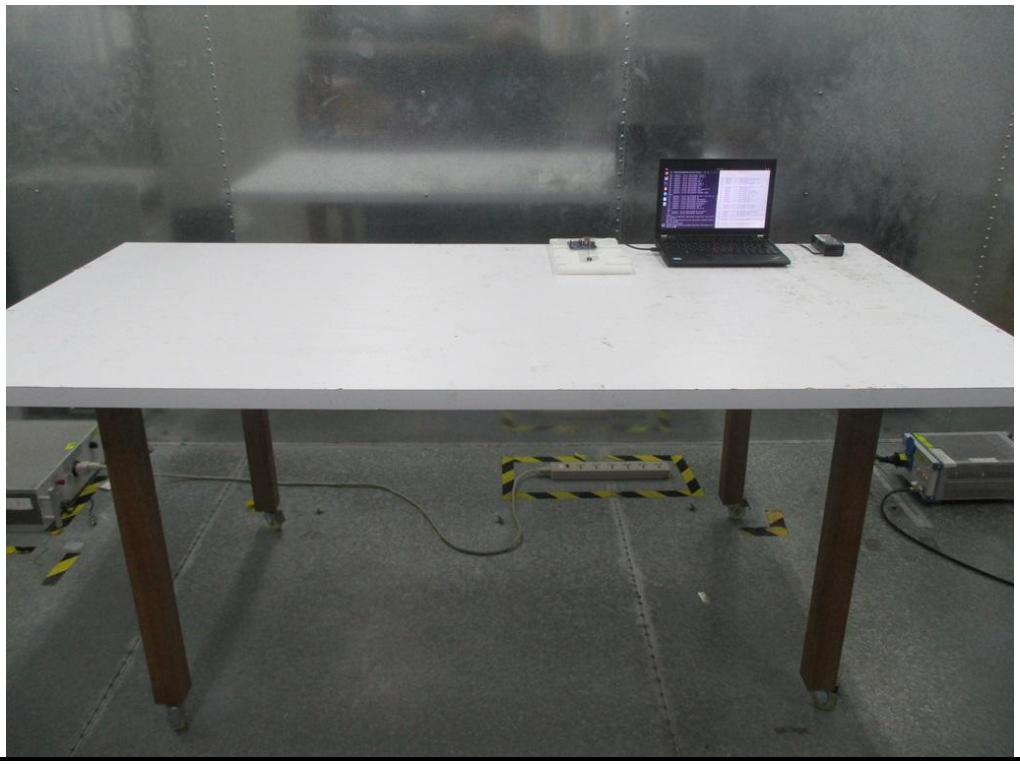


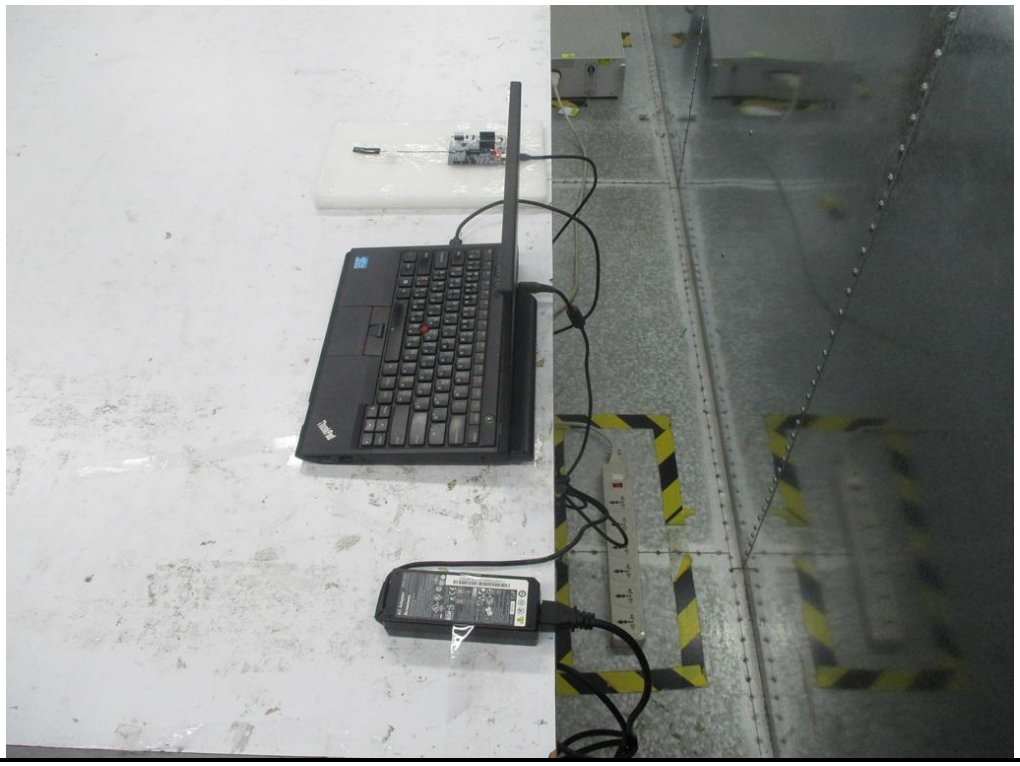
Spurious Emission above 30MHz Test (Conducted)



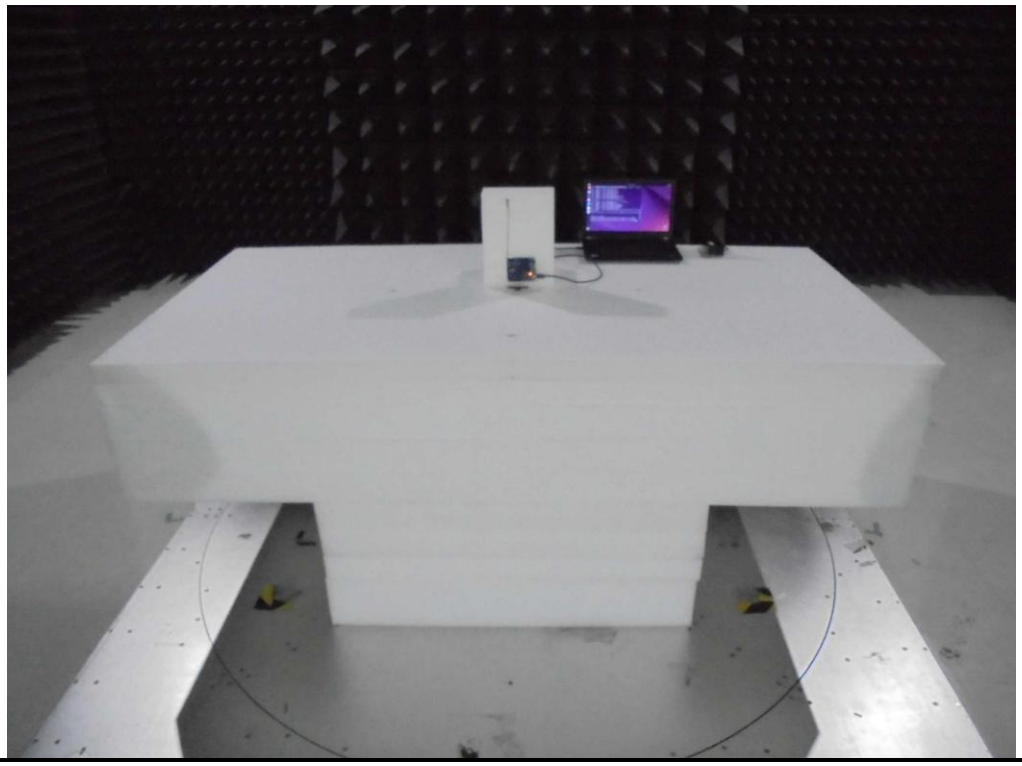
Frequency band 5470 ~ 5725 MHz

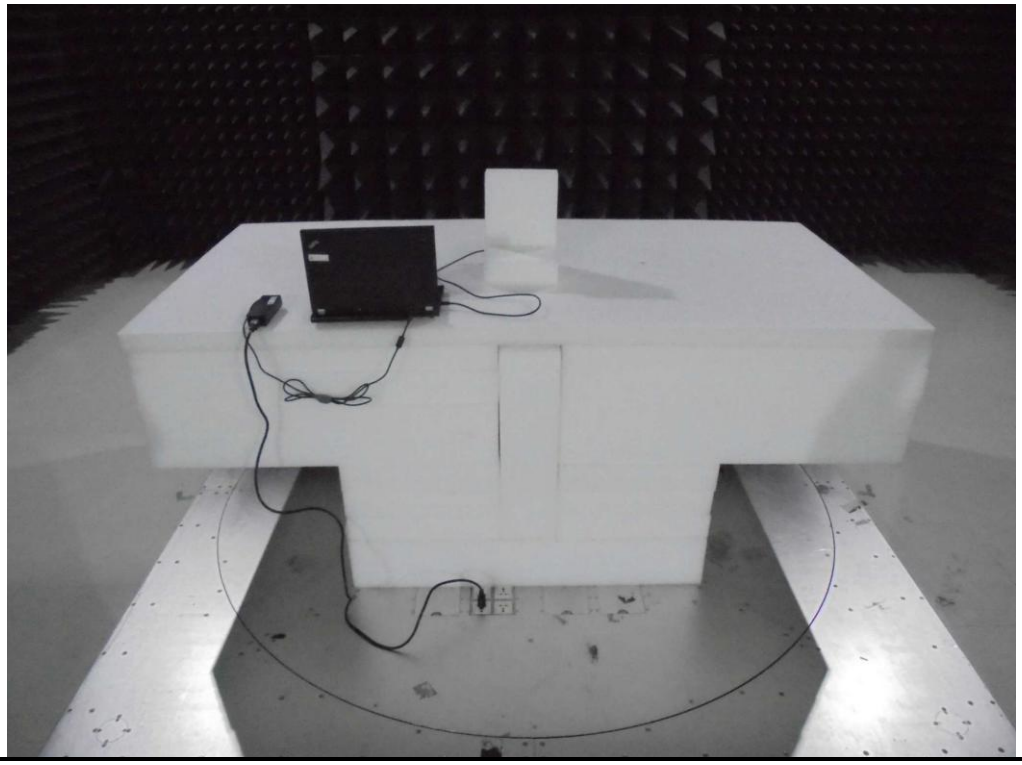
Conducted Emission Test



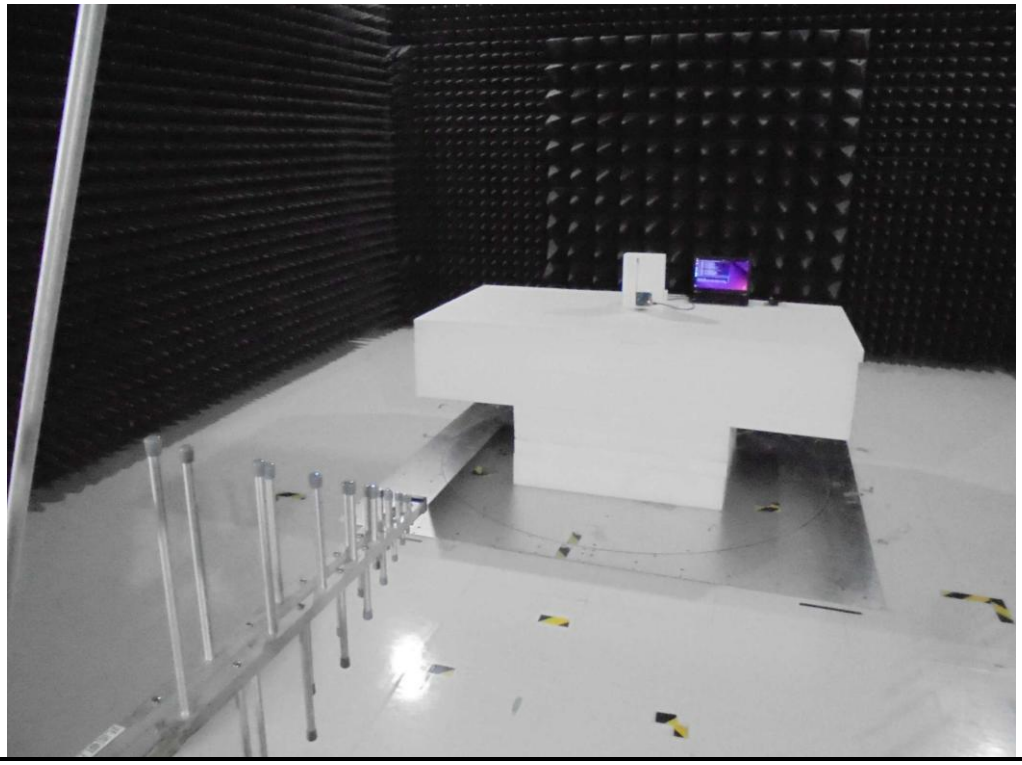


Radiated Emission Below 1GHz Test

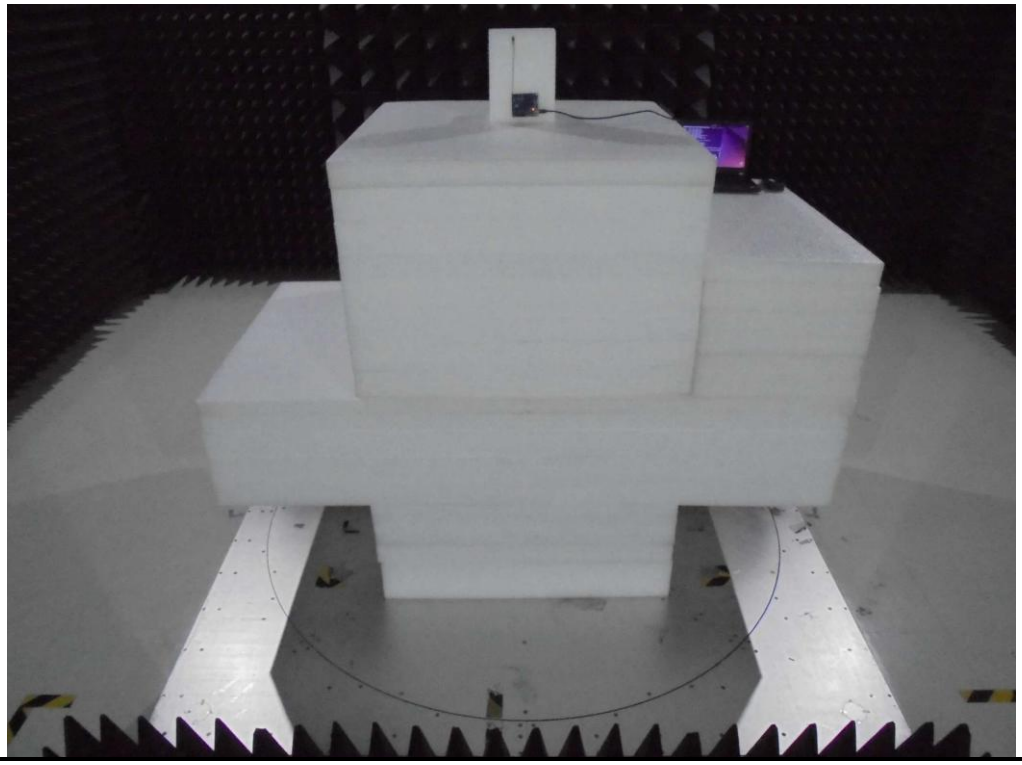


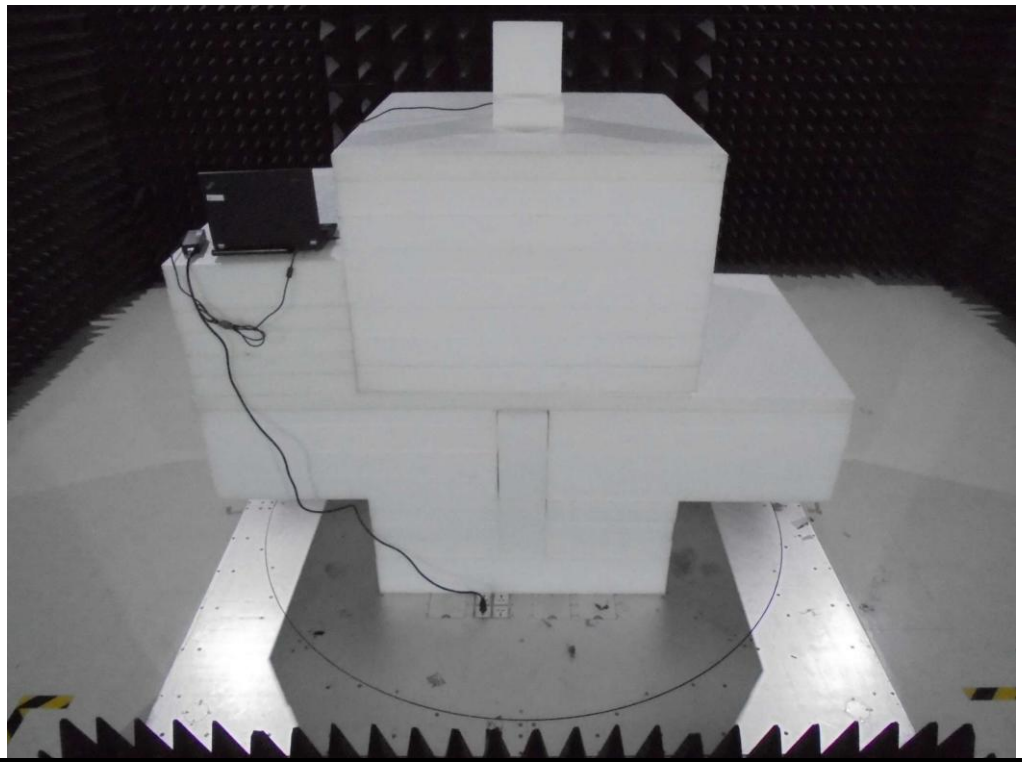


Radiated Emission Below 1GHz Test

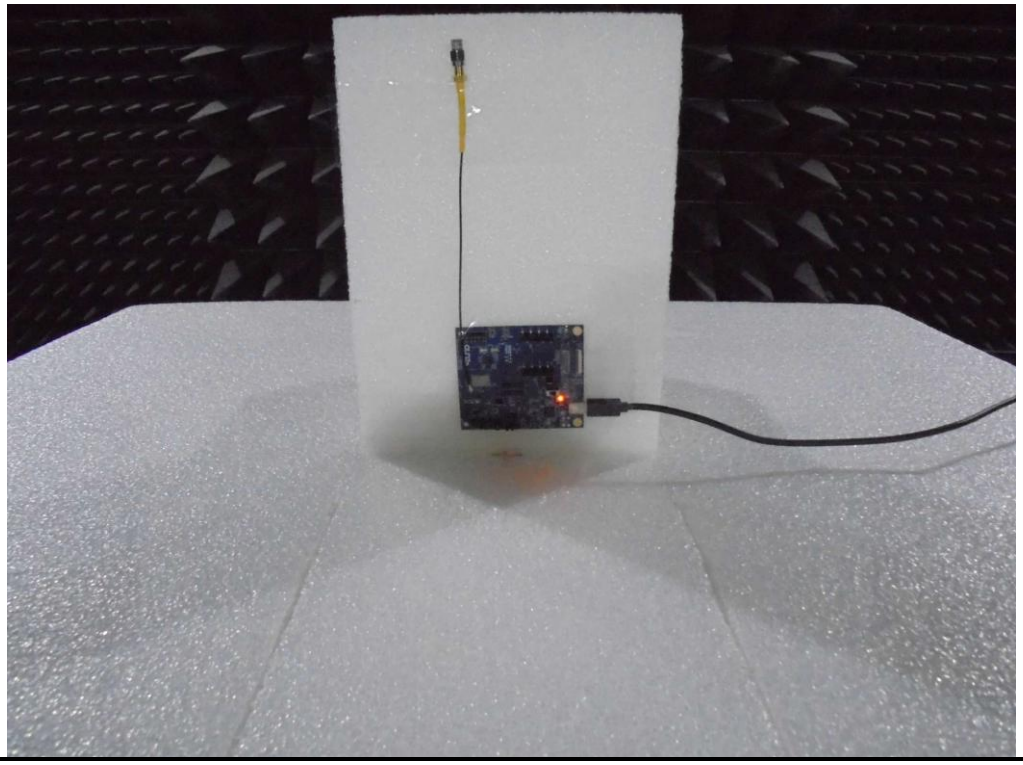


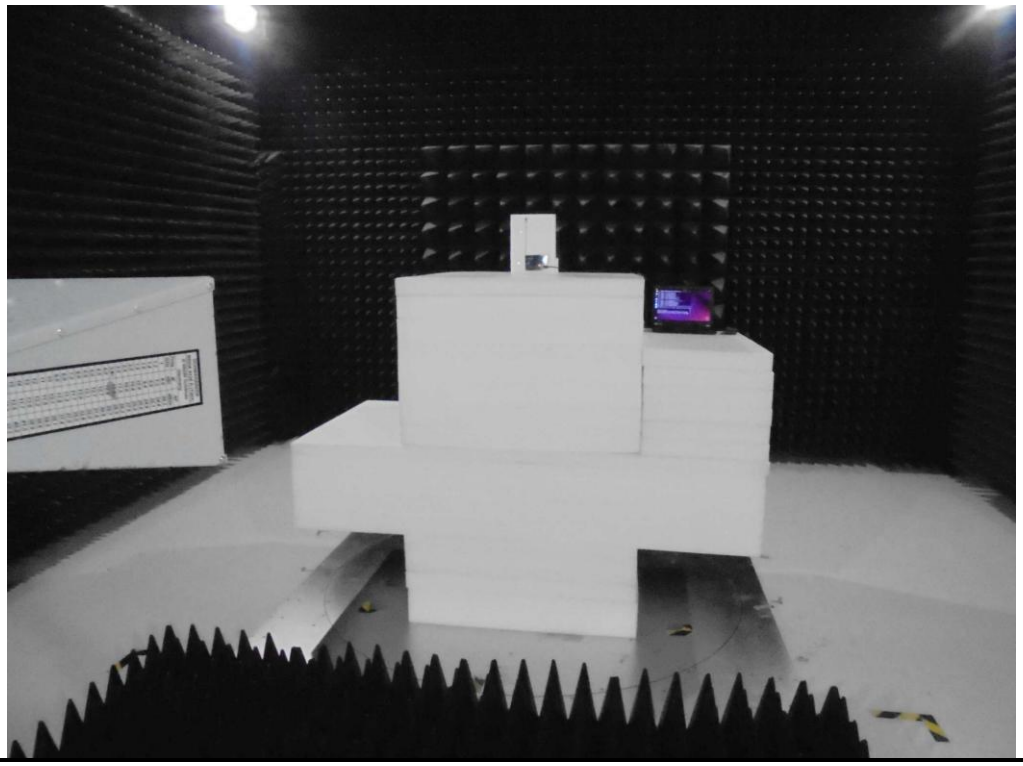
Radiated Emission Above 1GHz Test





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.)

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Tel: 886-3-271-8640

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Zhonghe

Tel: 886-2-2222-0288

1F, No. 6, Jiankang Road, Zhonghe District, New Taipei City 235045, Taiwan (R.O.C.)

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

═END═

full RU configuration

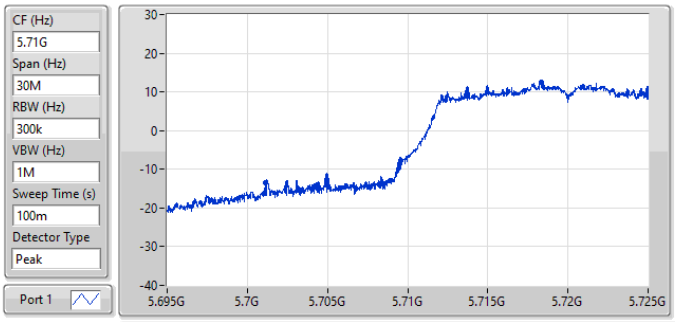
Result

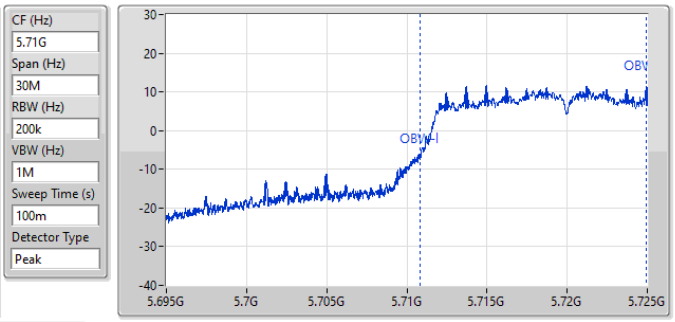
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	23.865M	14.14M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	2.52M	13.169M
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.165M	14.797M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.38M	14.396M

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

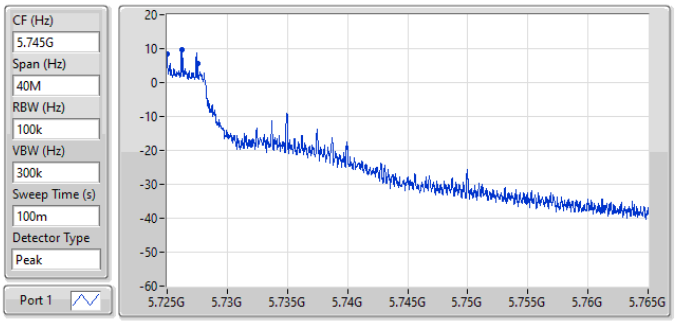


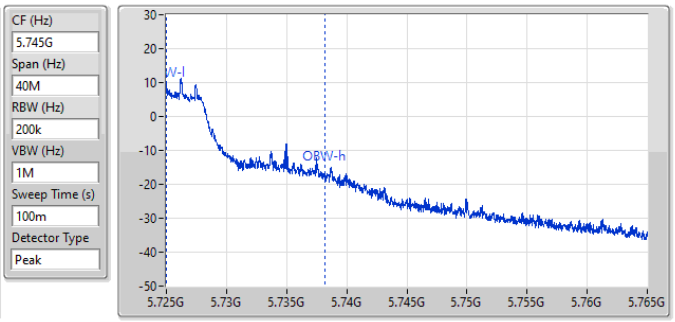


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.865M	5.701135G	5.725G	14.14M	5.710808G	5.724948G	Inf	1

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

5720MHz Straddle 5.725-5.85GHz

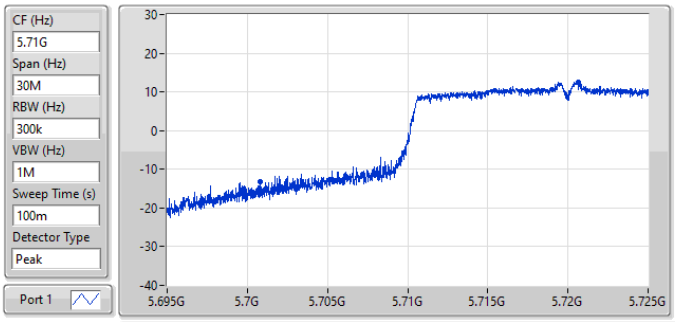


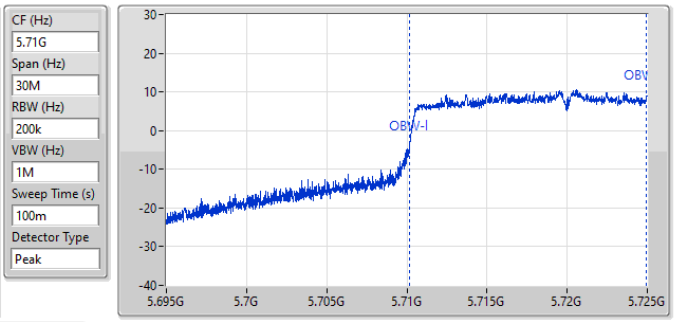


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.52M	5.725G	5.72752G	13.169M	5.725016G	5.738185G	500k	1

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

5720MHz Straddle 5.47-5.725GHz

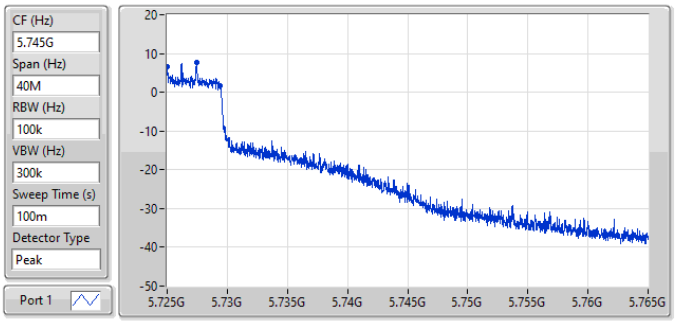


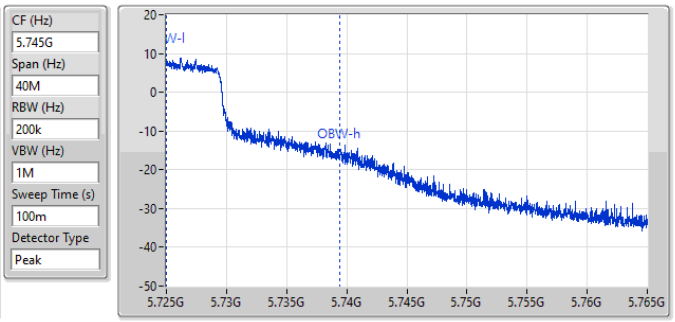


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.165M	5.700835G	5.725G	14.797M	5.710146G	5.724943G	Inf	1

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
4.38M	5.725G	5.72938G	14.396M	5.725015G	5.739411G	500k	1

partial RU configuration

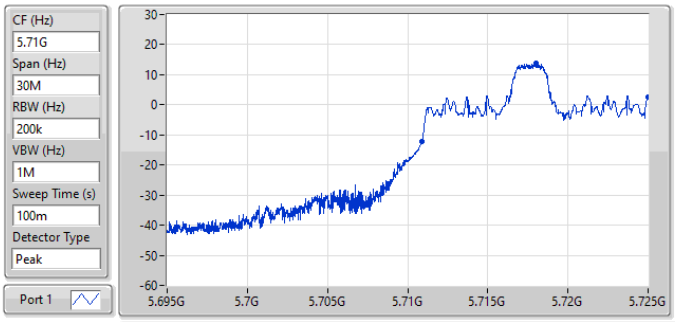
Result

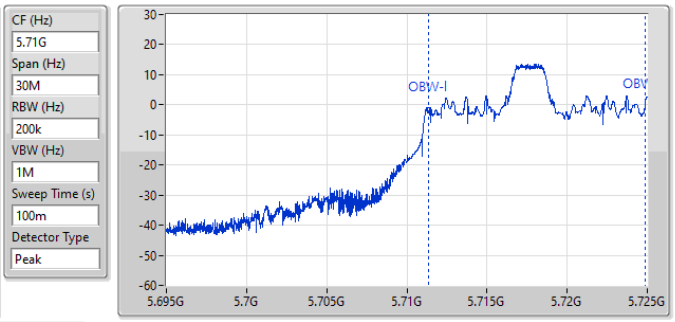
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.115M	13.516M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	3.829M
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.465M	13.634M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	11.838M
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.405M	14.817M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.46M	11.993M

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

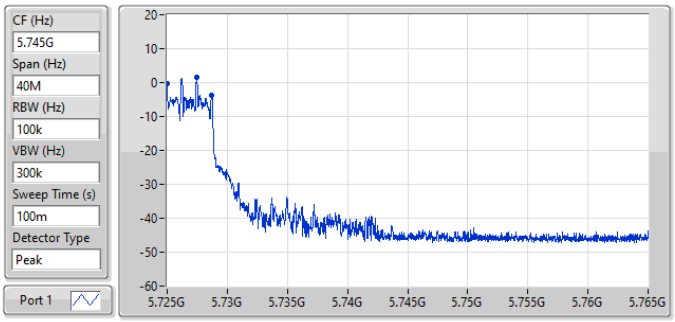


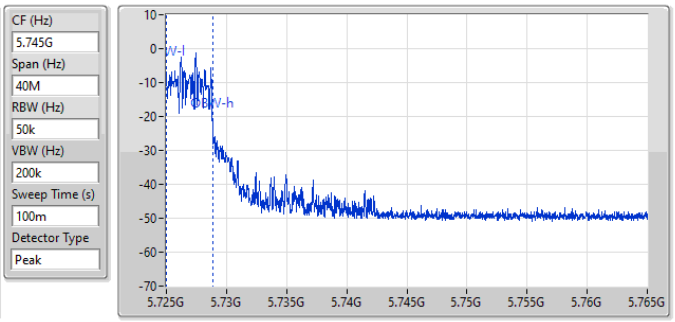


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.115M	5.710885G	5.725G	13.516M	5.711342G	5.724857G	Inf	1

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

5720MHz Straddle 5.725-5.85GHz

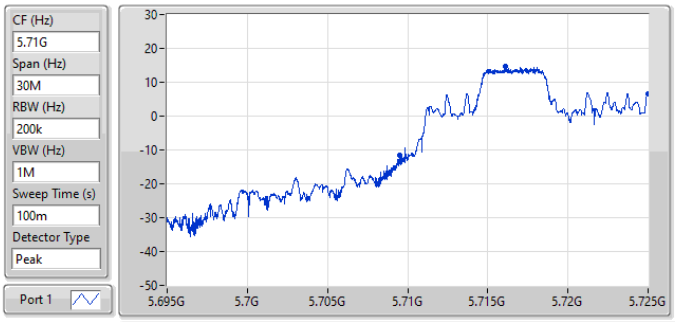


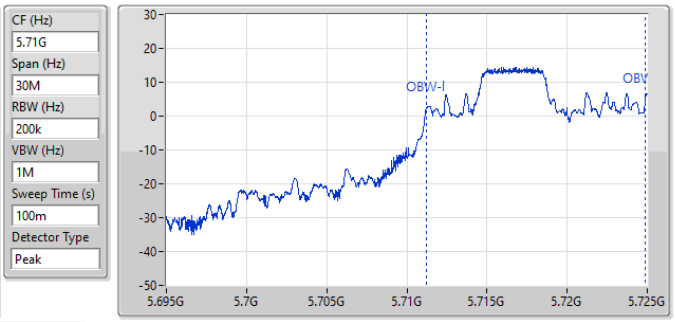


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.72M	5.725G	5.72872G	3.829M	5.725012G	5.72884G	500k	1

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

5720MHz Straddle 5.47-5.725GHz

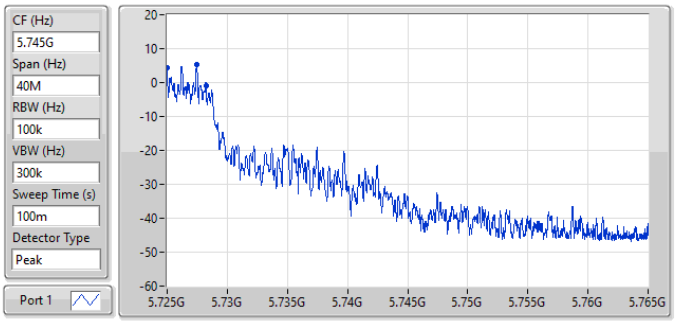


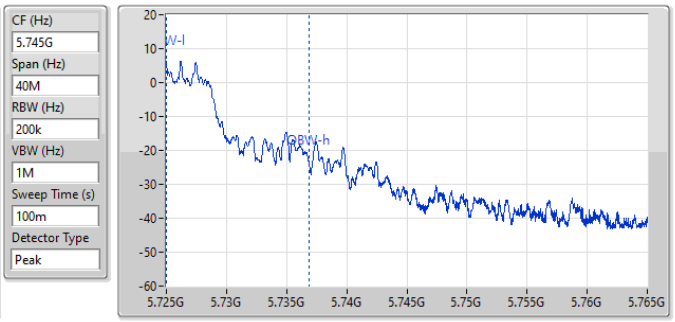


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.465M	5.709535G	5.725G	13.634M	5.711244G	5.724878G	Inf	1

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

5720MHz Straddle 5.725-5.85GHz

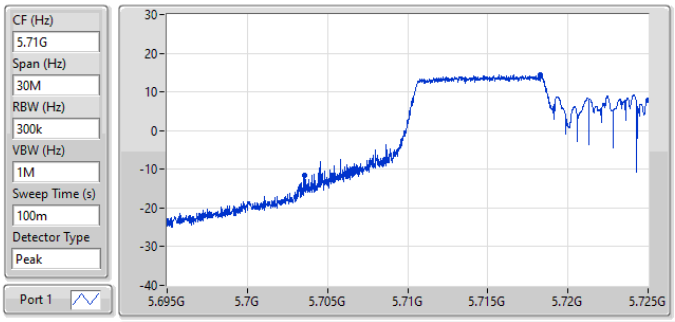


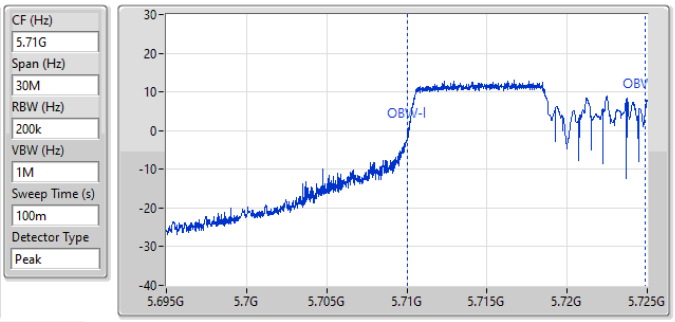


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.24M	5.725G	5.72824G	11.838M	5.725007G	5.736846G	500k	1

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

5720MHz Straddle 5.47-5.725GHz

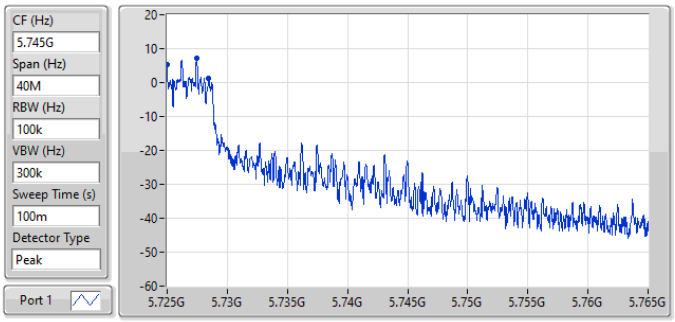


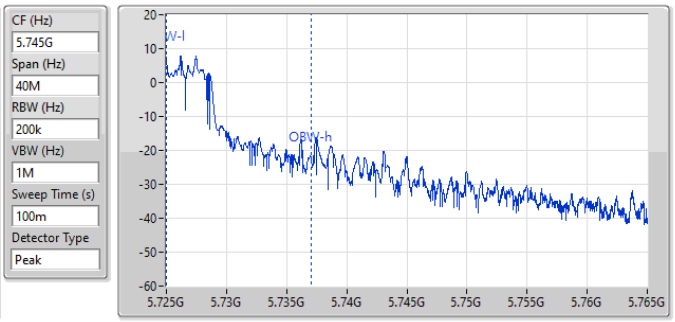


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.405M	5.703595G	5.725G	14.817M	5.710065G	5.724882G	Inf	1

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
3.46M	5.725G	5.72846G	11.993M	5.725008G	5.737001G	500k	1

full RU configuration

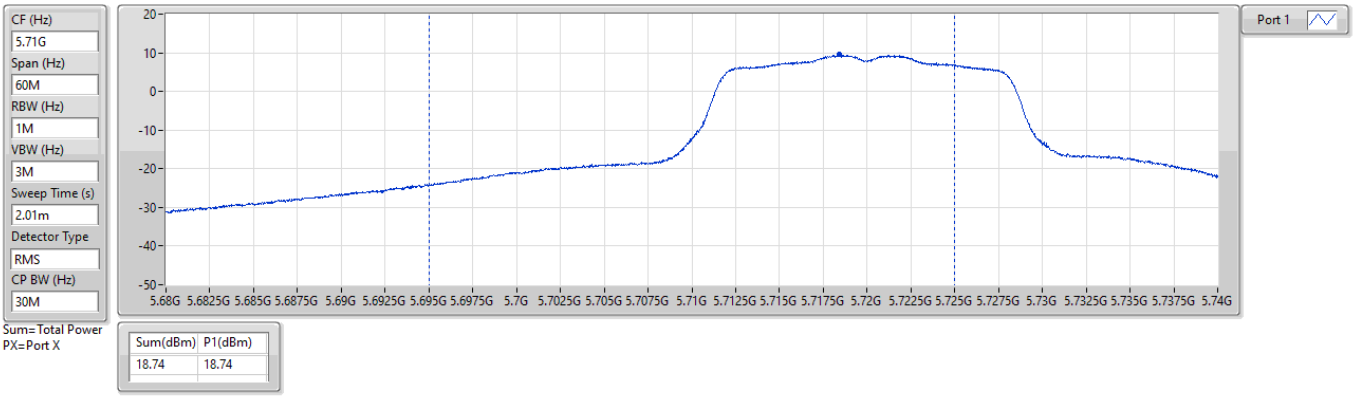
Result

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	18.74	18.74	24.00	23.14	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	10.84	10.84	30.00	15.24	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	18.22	18.22	24.00	22.62	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

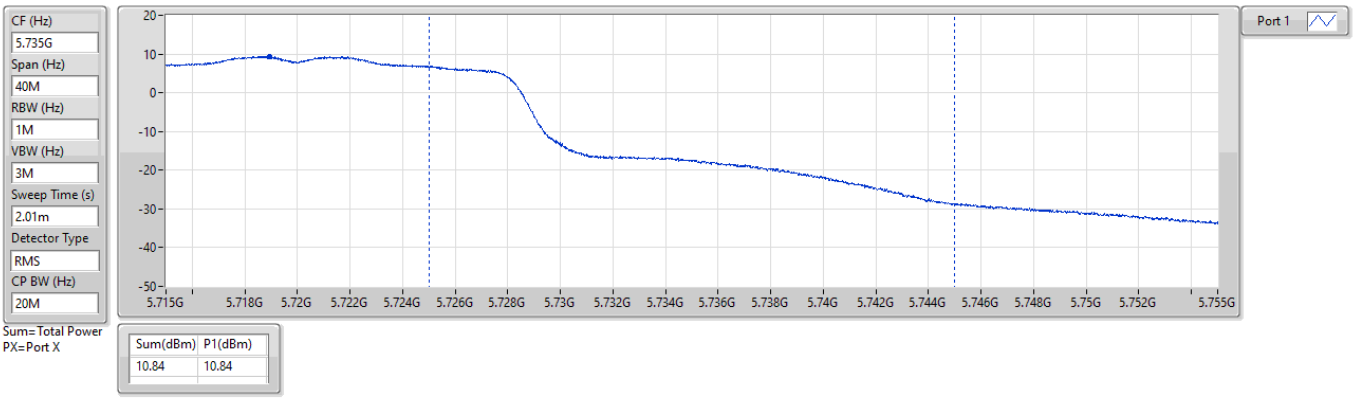
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



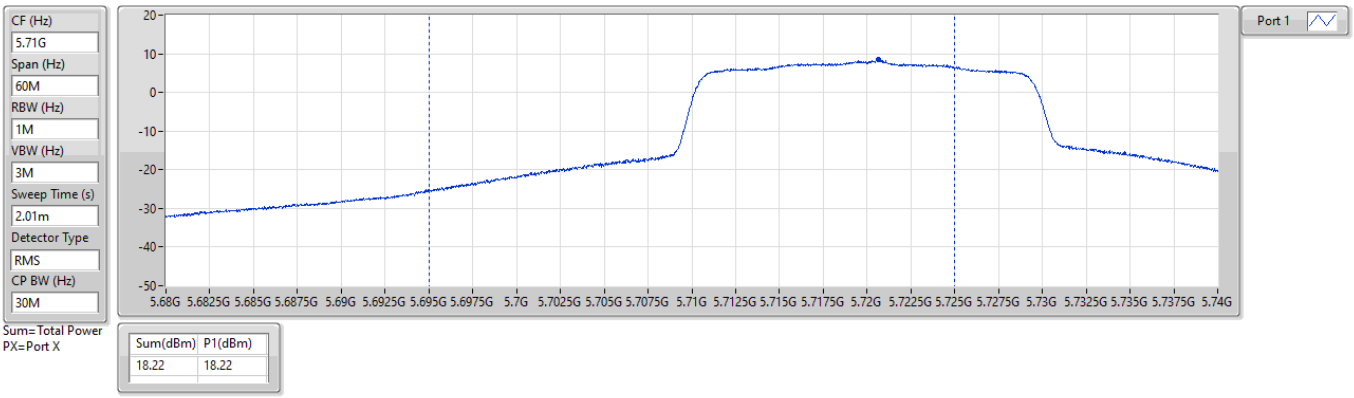
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



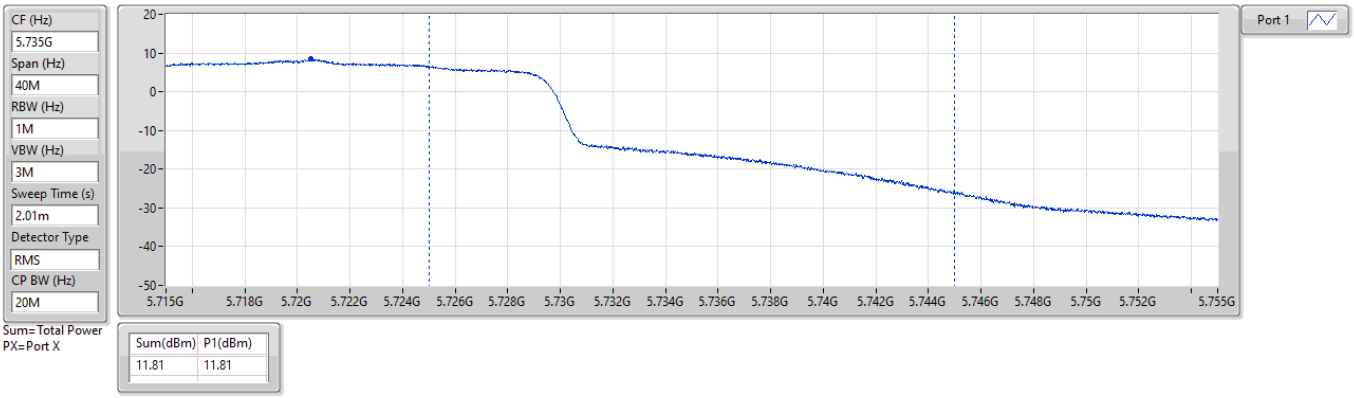
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

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

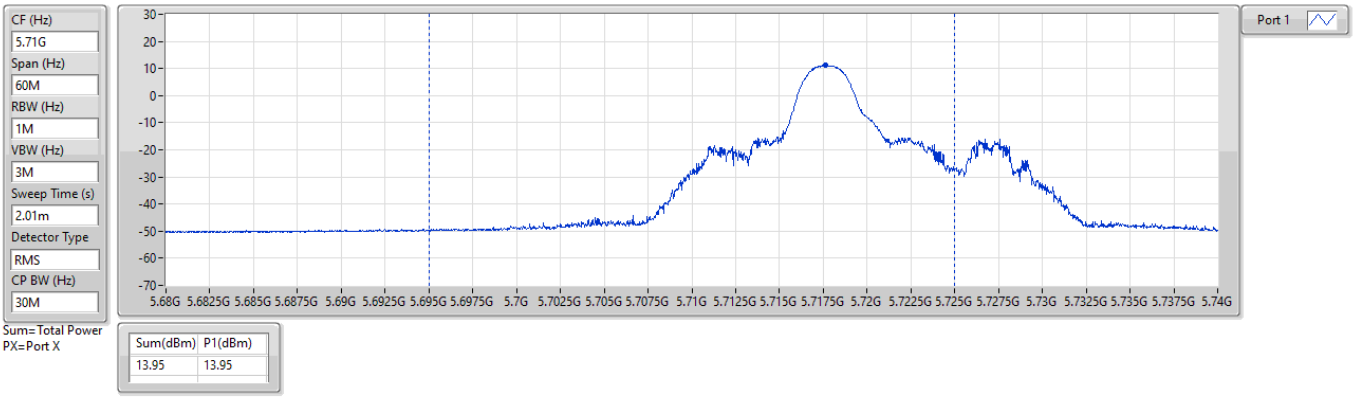
Result

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	13.95	13.95	22.50	18.35	28.50
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-14.28	-14.28	30.00	-9.88	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	17.35	17.35	22.89	21.75	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-10.07	-10.07	30.00	-5.67	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	18.61	18.61	24.00	23.01	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-5.7	-5.70	30.00	-1.30	36.00

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

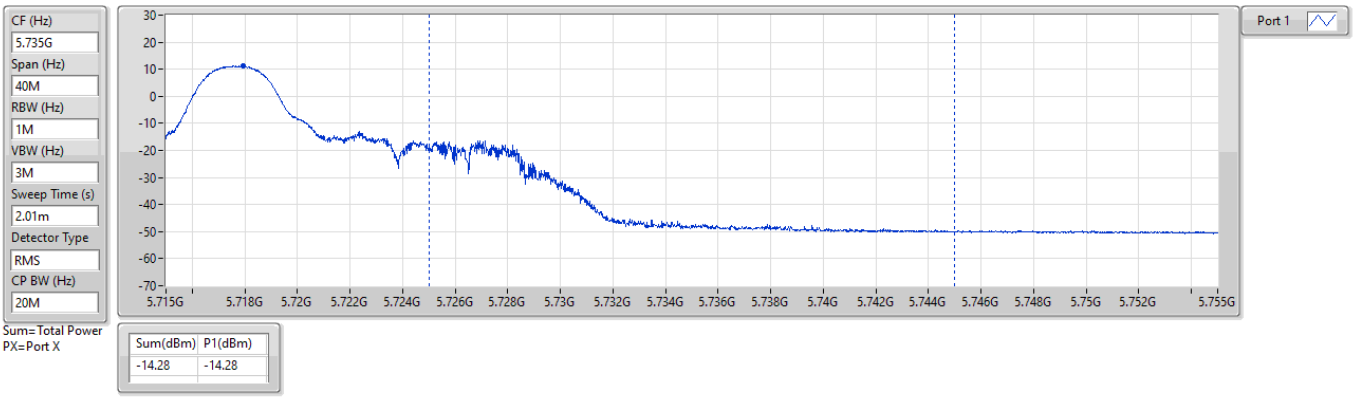
5.47-5.725GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



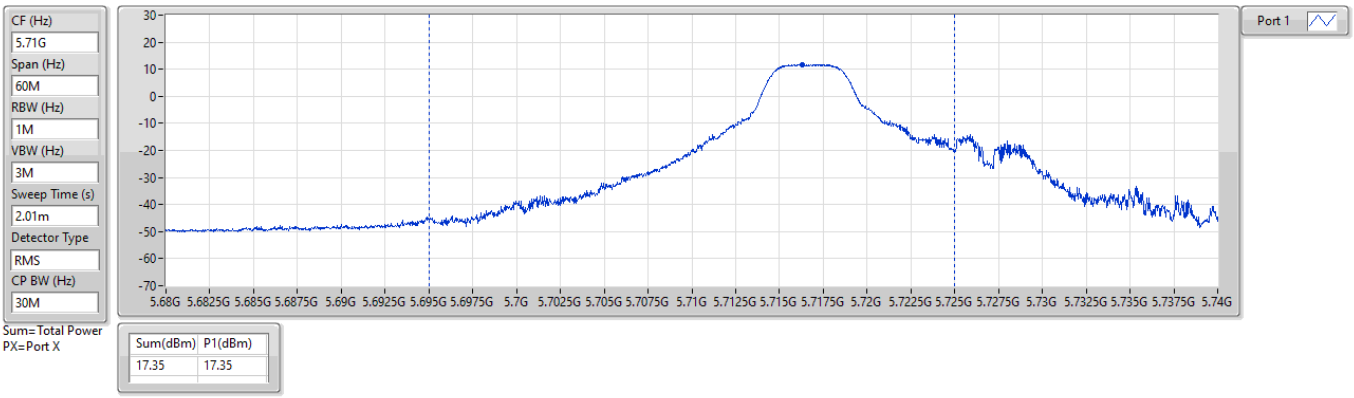
5.725-5.85GHz_802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



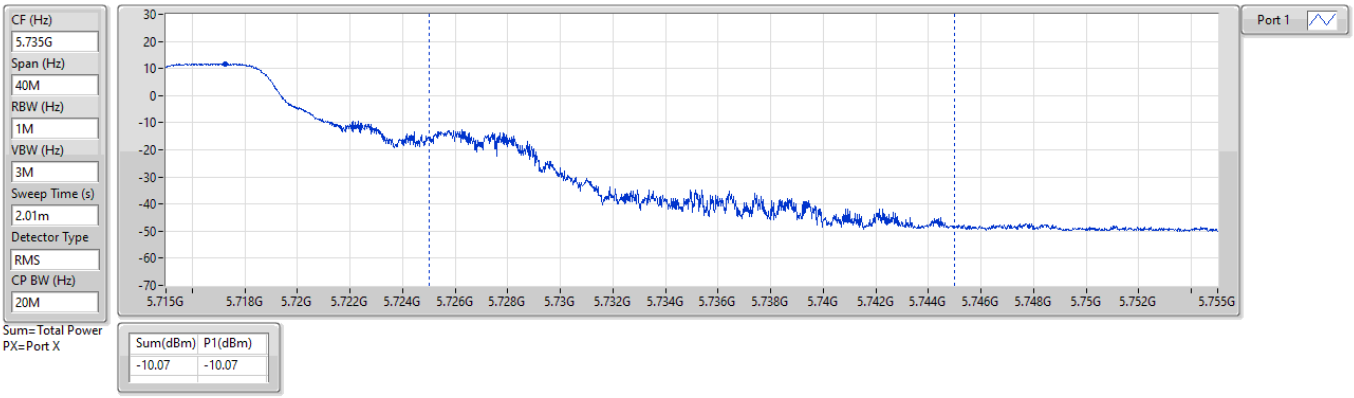
5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



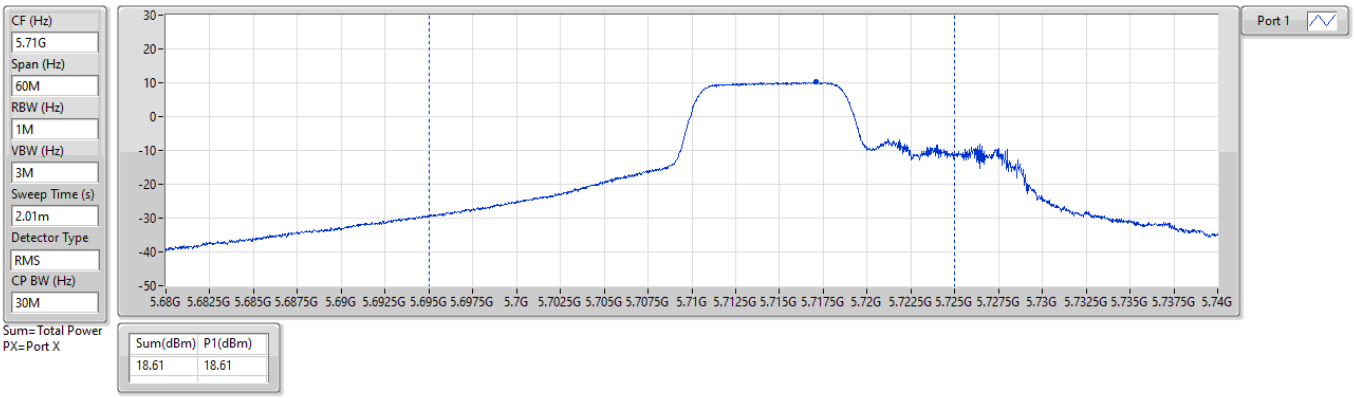
5.725-5.85GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



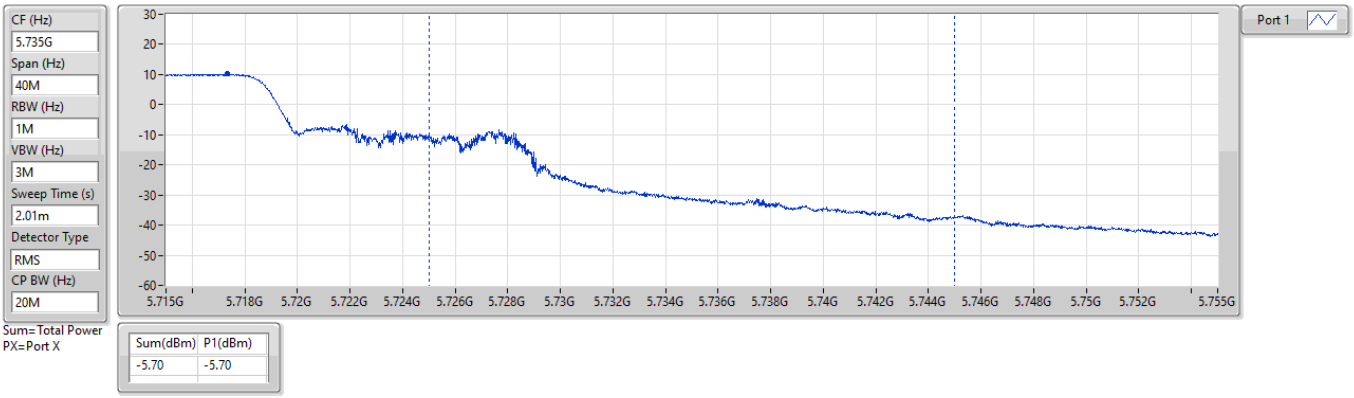
5.47-5.725GHz_802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX **AV Power**

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

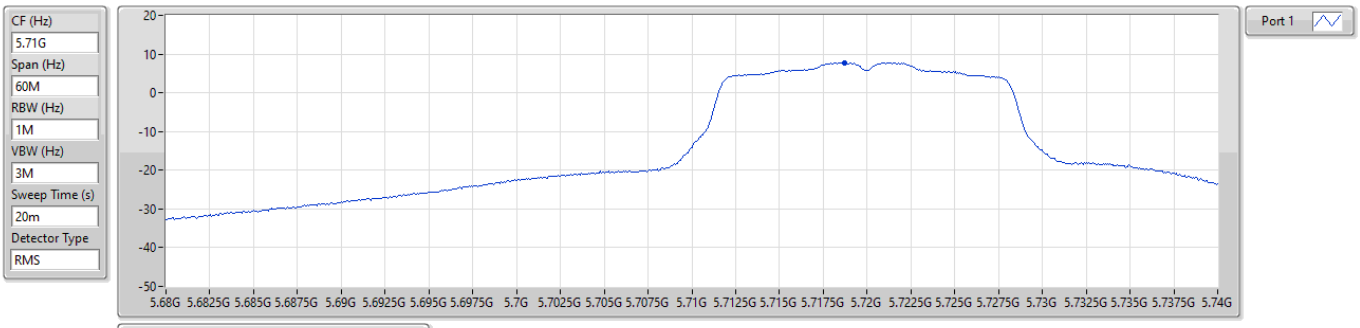
Result

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	7.78	7.78	11.00	12.18	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	3.88	3.88	30.00	8.28	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	6.91	6.91	11.00	11.31	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	3.58	3.58	30.00	7.98	36.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

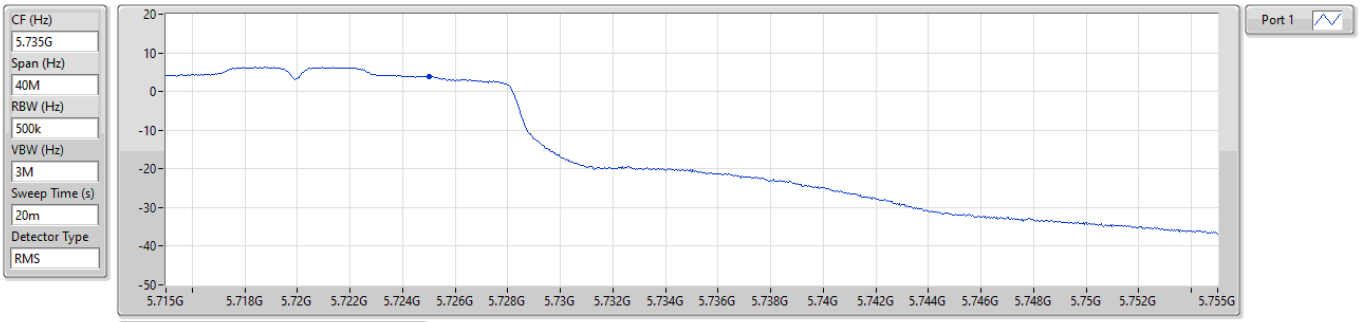
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	7.78

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

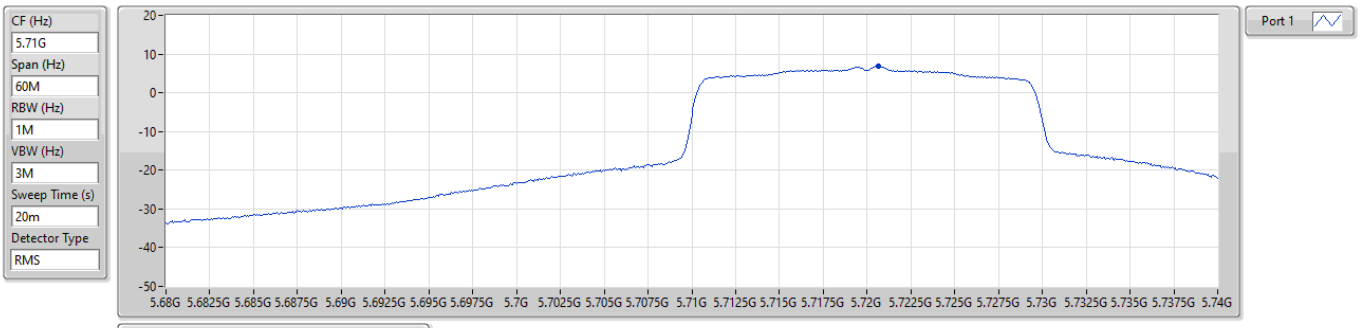
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	3.88

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

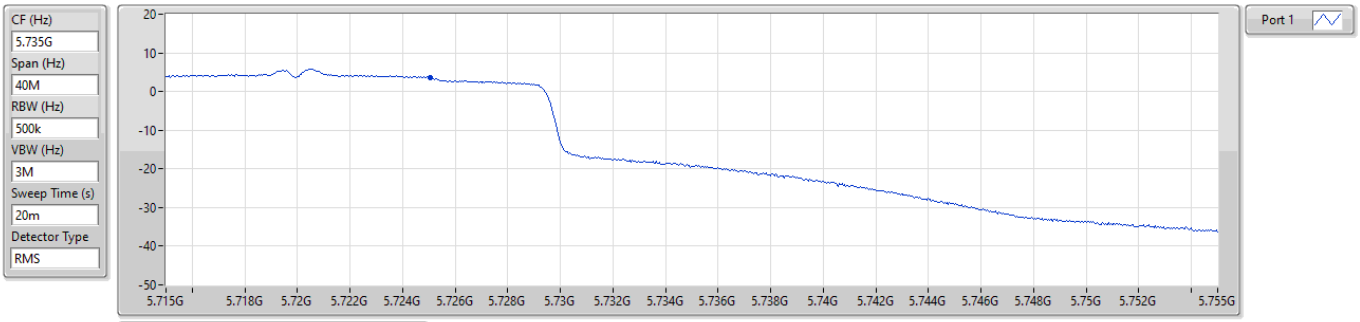
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	6.91

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)
3.58	3.58	3.58

partial RU configuration

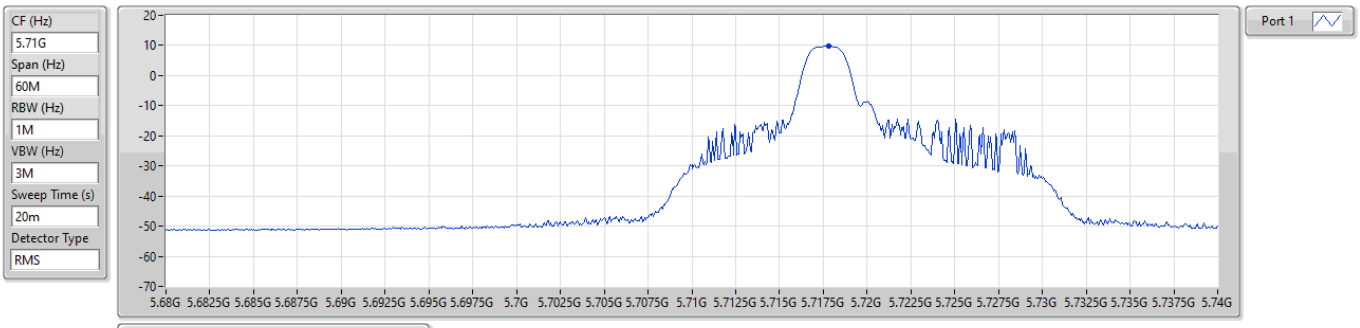
Result

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	9.80	9.80	11.00	14.20	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-17.39	-17.39	30.00	-12.99	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	10.07	10.07	11.00	14.47	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-12.75	-12.75	30.00	-8.35	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	8.49	8.49	11.00	12.89	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-8.95	-8.95	30.00	-4.55	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**

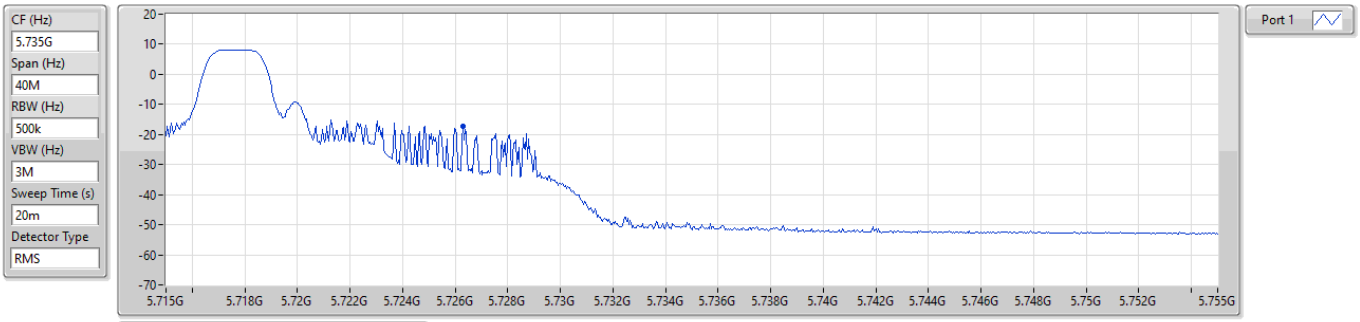
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	9.80

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

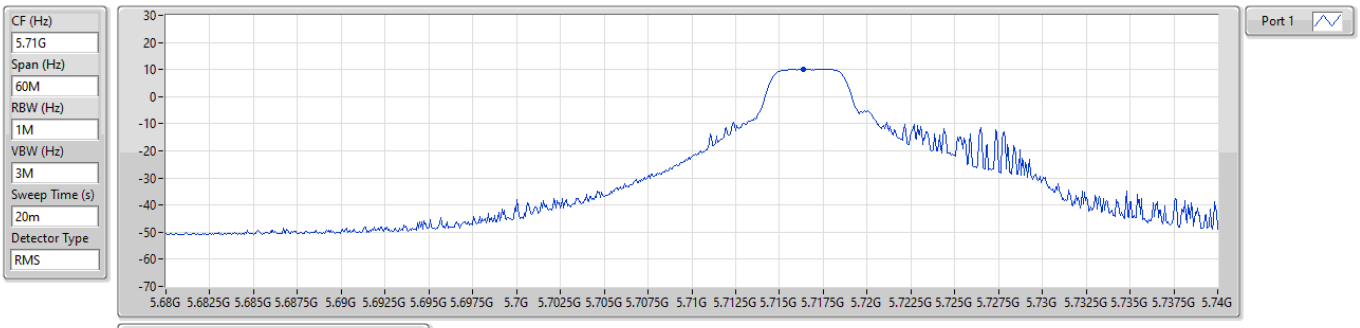
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.39	-17.39	-17.39

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

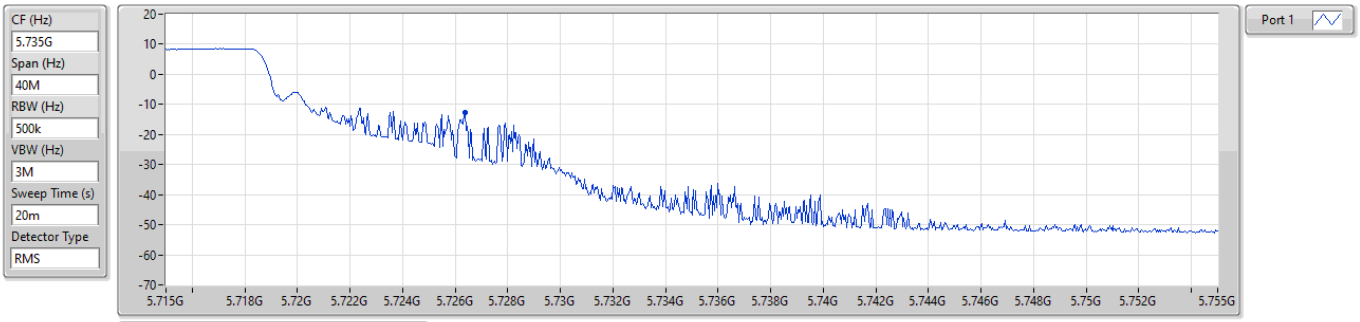
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	10.07

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

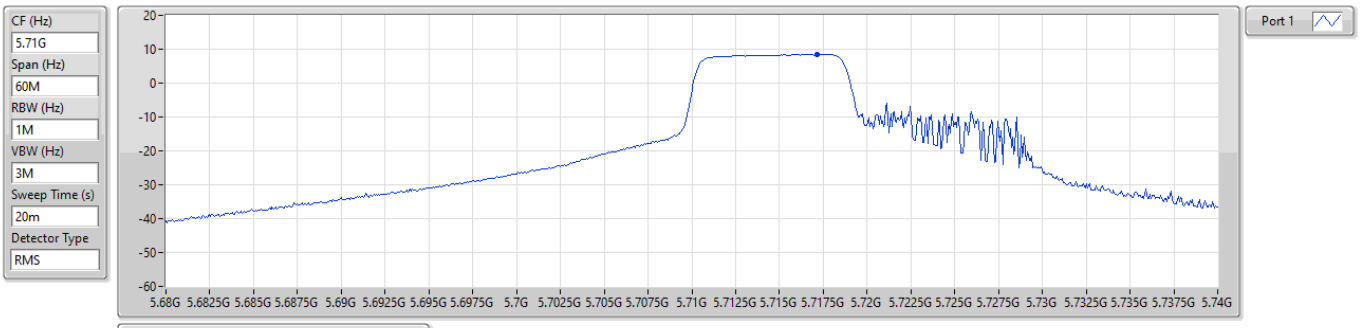
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.75	-12.75	-12.75

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

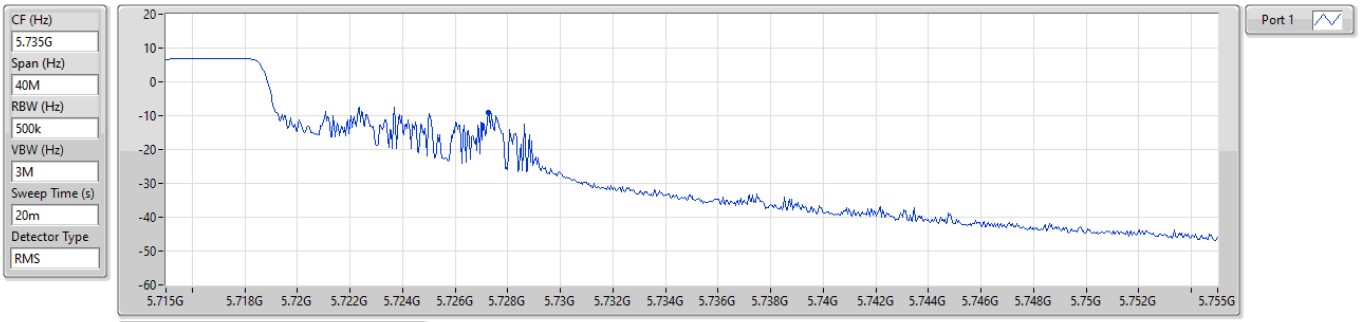
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.49	8.49	8.49

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)
-8.95	-8.95	-8.95

full RU configuration

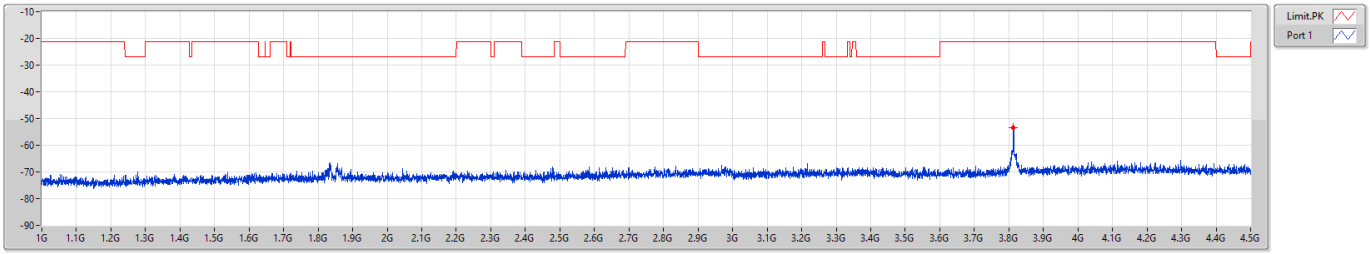
Result

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	-54.84	-54.84	-50.44	-41.20	-9.24
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.81356G	4.40	-53.30	-53.30	-48.90	-21.20	-27.70
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	3.81356G	4.40	-54.25	-54.25	-49.85	-41.20	-8.65
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.81356G	4.40	-52.80	-52.80	-48.40	-21.20	-27.20

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

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

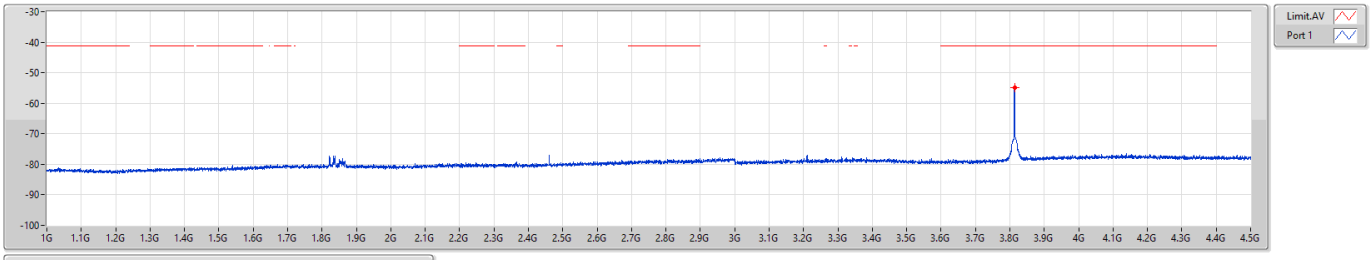
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.81356G	-53.30	-53.30

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

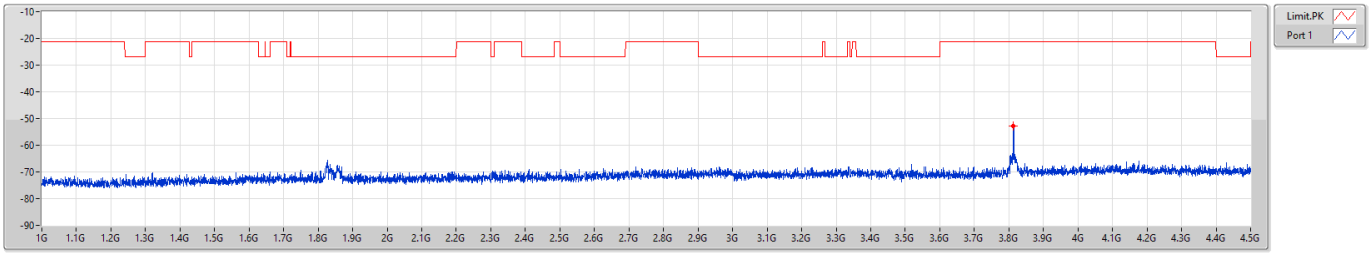
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.81356G	-54.84	-54.84

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

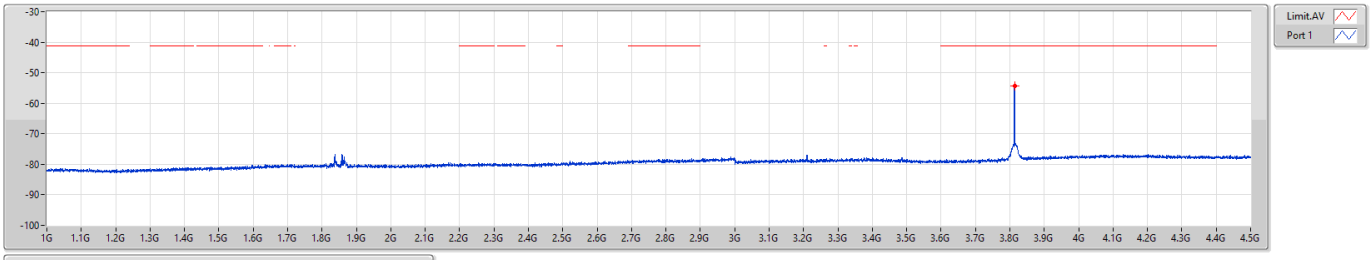
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.81356G	-52.80	-52.80

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	-54.25	-54.25

full RU configuration

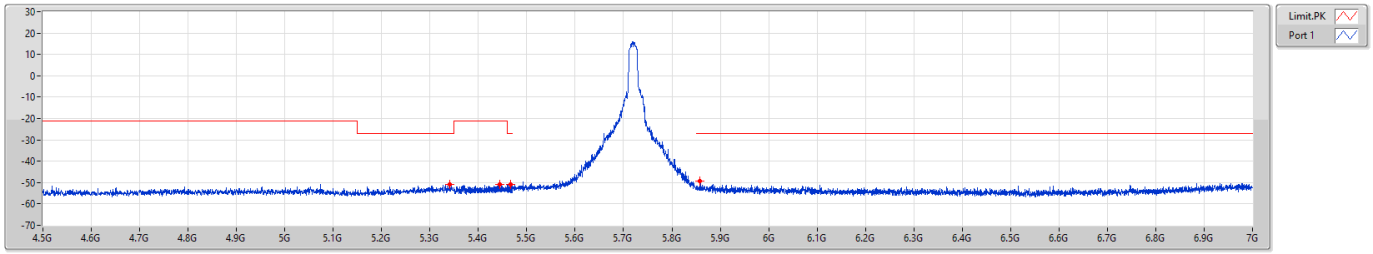
Result

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	-62.20	-62.20	-57.80	-41.20	-16.60
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.37004G	4.40	-61.82	-61.82	-57.42	-41.20	-16.22
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.3415G	4.40	-50.73	-50.73	-46.33	-27.00	-19.33
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.44416G	4.40	-50.72	-50.72	-46.32	-21.20	-25.12
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46743G	4.40	-50.94	-50.94	-46.54	-27.00	-19.54
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	5.85834G	4.40	-49.18	-49.18	-44.78	-27.00	-17.78
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	4.40	-62.42	-62.42	-58.02	-41.20	-16.82
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.37136G	4.40	-62.00	-62.00	-57.60	-41.20	-16.40
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.3279G	4.40	-49.75	-49.75	-45.35	-27.00	-18.35
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.44174G	4.40	-50.45	-50.45	-46.05	-21.20	-24.85
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46584G	4.40	-51.46	-51.46	-47.06	-27.00	-20.06
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	5.85288G	4.40	-48.64	-48.64	-44.24	-27.00	-17.24

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

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

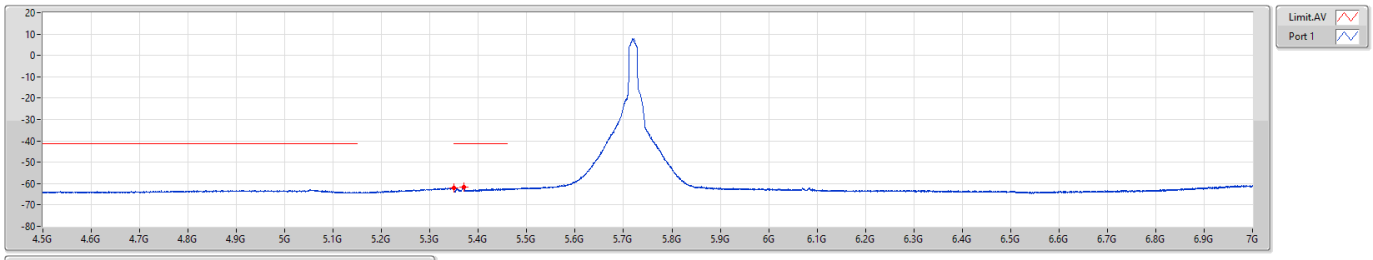
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.3415G	-50.73	-50.73
5.35G	5.46G	1M	PK	5.44416G	-50.72	-50.72
5.46G	5.47G	1M	PK	5.46743G	-50.94	-50.94
5.85G	7G	1M	PK	5.85834G	-49.18	-49.18

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

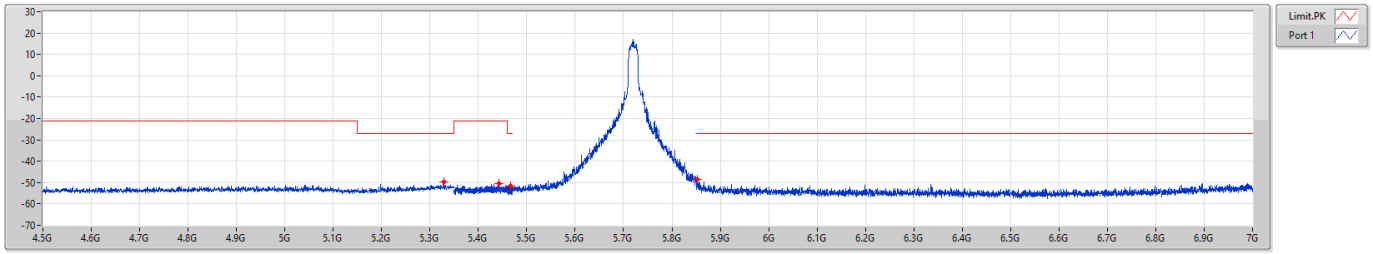
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.35G	-62.20	-62.20
5.35G	5.47G	1M	AV	5.37004G	-61.82	-61.82

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

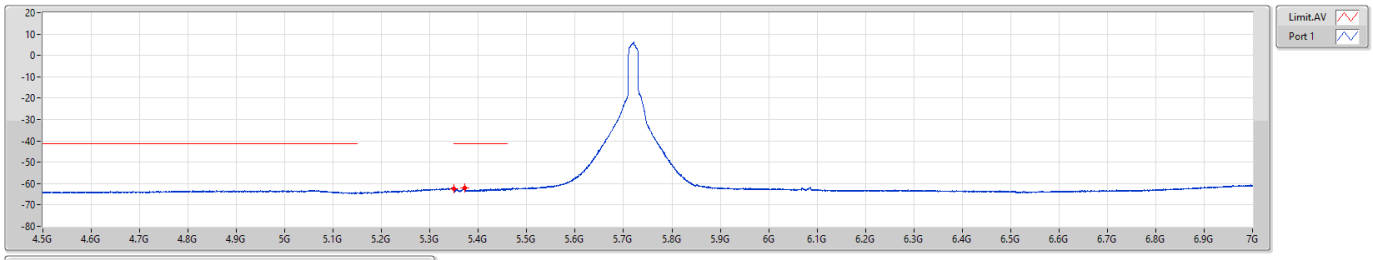
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.3279G	-49.75	-49.75
5.35G	5.46G	1M	PK	5.44174G	-50.45	-50.45
5.46G	5.47G	1M	PK	5.46584G	-51.46	-51.46
5.85G	7G	1M	PK	5.85288G	-48.64	-48.64

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	-62.42	-62.42
5.35G	5.47G	1M	AV	5.37136G	-62.00	-62.00

full RU configuration

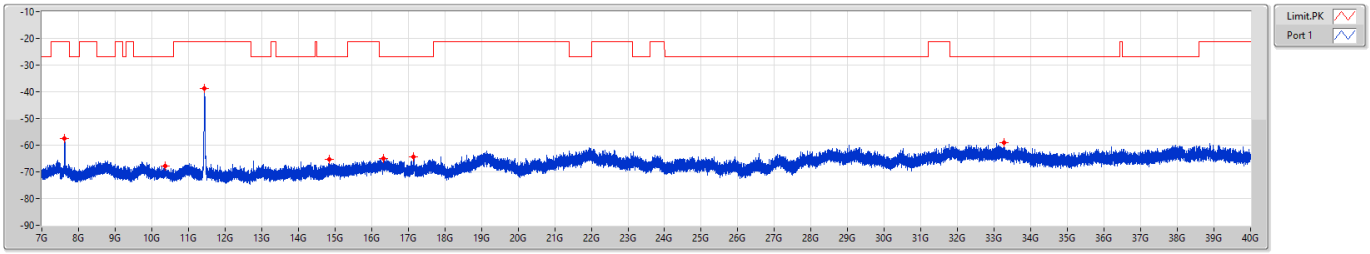
Result

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	10G	AV	7.6265G	4.40	-66.02	-66.02	-61.62	-41.20	-20.42
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	AV	10.975G	4.40	-77.29	-77.29	-72.89	-41.20	-31.69
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	AV	11.442G	4.40	-48.91	-48.91	-44.51	-41.20	-3.31
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	AV	14.494G	4.40	-77.51	-77.51	-73.11	-41.20	-31.91
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	AV	16.164G	4.40	-75.31	-75.31	-70.91	-41.20	-29.71
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	AV	17.7195G	4.40	-75.74	-75.74	-71.34	-41.20	-30.14
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.61263G	4.40	-68.70	-68.70	-64.30	-41.20	-23.10
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	PK	7.625G	4.40	-57.62	-57.62	-53.22	-21.20	-32.02
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	PK	10.3595G	4.40	-67.96	-67.96	-63.56	-27.00	-36.56
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	PK	11.438G	4.40	-38.73	-38.73	-34.33	-21.20	-13.13
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	PK	14.8415G	4.40	-65.44	-65.44	-61.04	-27.00	-34.04
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	PK	16.319G	4.40	-64.89	-64.89	-60.49	-27.00	-33.49
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	PK	17.154G	4.40	-64.22	-64.22	-59.82	-27.00	-32.82
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	33.26181G	4.40	-59.11	-59.11	-54.71	-27.00	-27.71
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	AV	7.6265G	4.40	-65.92	-65.92	-61.52	-41.20	-20.32
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	AV	10.973G	4.40	-76.97	-76.97	-72.57	-41.20	-31.37
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	AV	11.442G	4.40	-50.82	-50.82	-46.42	-41.20	-5.22
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	AV	14.49G	4.40	-77.88	-77.88	-73.48	-41.20	-32.28
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	AV	16.139G	4.40	-75.62	-75.62	-71.22	-41.20	-30.02
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	AV	17.724G	4.40	-75.92	-75.92	-71.52	-41.20	-30.32
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.95913G	4.40	-68.73	-68.73	-64.33	-41.20	-23.13
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	PK	7.626G	4.40	-58.52	-58.52	-54.12	-21.20	-32.92
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	PK	10.179G	4.40	-67.58	-67.58	-63.18	-27.00	-36.18
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	PK	11.4455G	4.40	-42.08	-42.08	-37.68	-21.20	-16.48
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	PK	14.9115G	4.40	-65.84	-65.84	-61.44	-27.00	-34.44
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	PK	16.425G	4.40	-65.02	-65.02	-60.62	-27.00	-33.62
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	PK	17.1515G	4.40	-65.51	-65.51	-61.11	-27.00	-34.11
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	32.59769G	4.40	-59.25	-59.25	-54.85	-27.00	-27.85

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

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

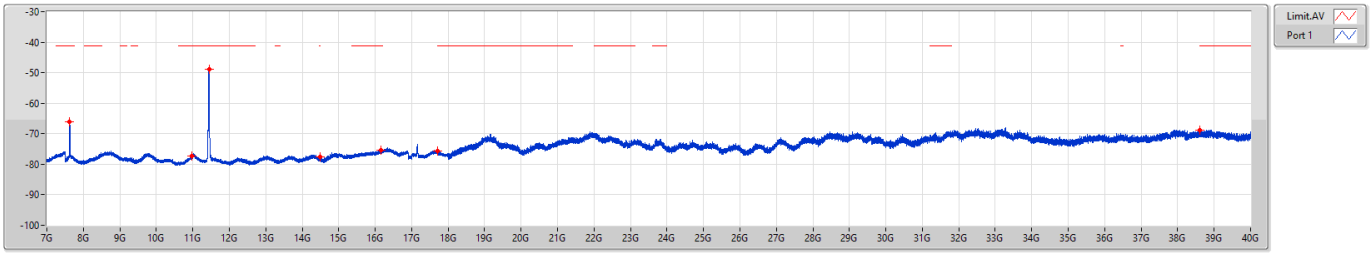
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	PK	7.625G	-57.62	-57.62
10G	11G	1M	PK	10.3595G	-67.96	-67.96
11G	12G	1M	PK	11.438G	-38.73	-38.73
12G	15G	1M	PK	14.8415G	-65.44	-65.44
15G	17G	1M	PK	16.319G	-64.89	-64.89
17G	18G	1M	PK	17.154G	-64.22	-64.22
18G	40G	1M	PK	33.26181G	-59.11	-59.11

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

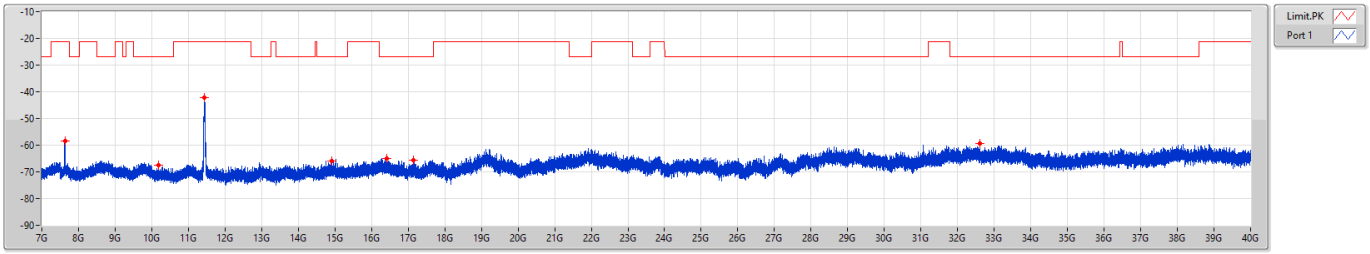
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	AV	7.6265G	-66.02	-66.02
10G	11G	1M	AV	10.975G	-77.29	-77.29
11G	12G	1M	AV	11.442G	-48.91	-48.91
12G	15G	1M	AV	14.494G	-77.51	-77.51
15G	17G	1M	AV	16.164G	-75.31	-75.31
17G	18G	1M	AV	17.7195G	-75.74	-75.74
18G	40G	1M	AV	38.61263G	-68.70	-68.70

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

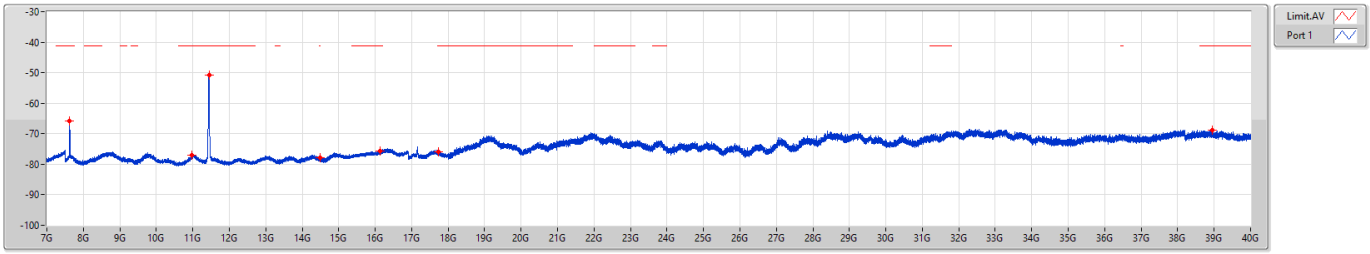
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	PK	7.626G	-58.52	-58.52
10G	11G	1M	PK	10.179G	-67.58	-67.58
11G	12G	1M	PK	11.4455G	-42.08	-42.08
12G	15G	1M	PK	14.9115G	-65.84	-65.84
15G	17G	1M	PK	16.425G	-65.02	-65.02
17G	18G	1M	PK	17.1515G	-65.51	-65.51
18G	40G	1M	PK	32.59769G	-59.25	-59.25

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

5720MHz Straddle 5.47-5.725GHz



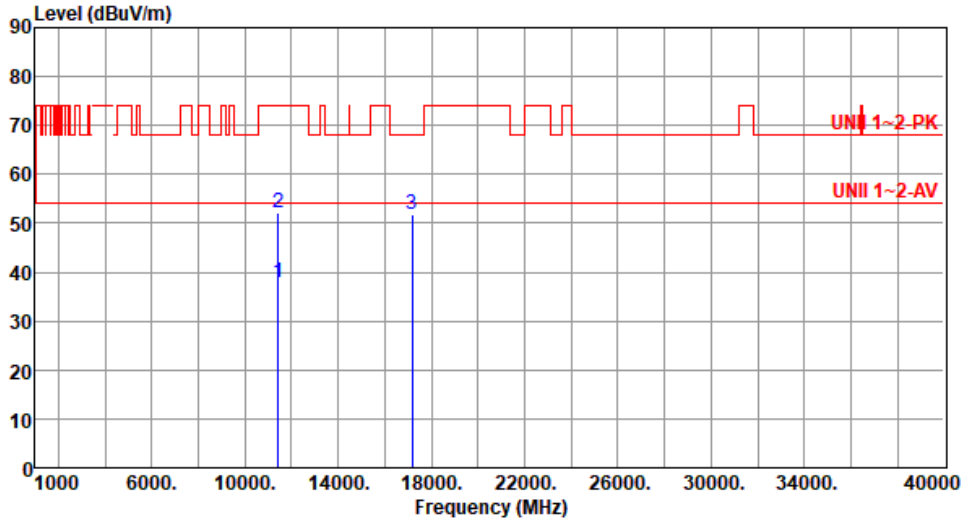
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	AV	7.6265G	-65.92	-65.92
10G	11G	1M	AV	10.973G	-76.97	-76.97
11G	12G	1M	AV	11.442G	-50.82	-50.82
12G	15G	1M	AV	14.49G	-77.88	-77.88
15G	17G	1M	AV	16.139G	-75.62	-75.62
17G	18G	1M	AV	17.724G	-75.92	-75.92
18G	40G	1M	AV	38.95913G	-68.73	-68.73

full RU configuration

Unwanted Emissions (Above 1GHz) for 11a

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

Test By :Akun Chung- Temperature(℃):24 Humidity(%):64

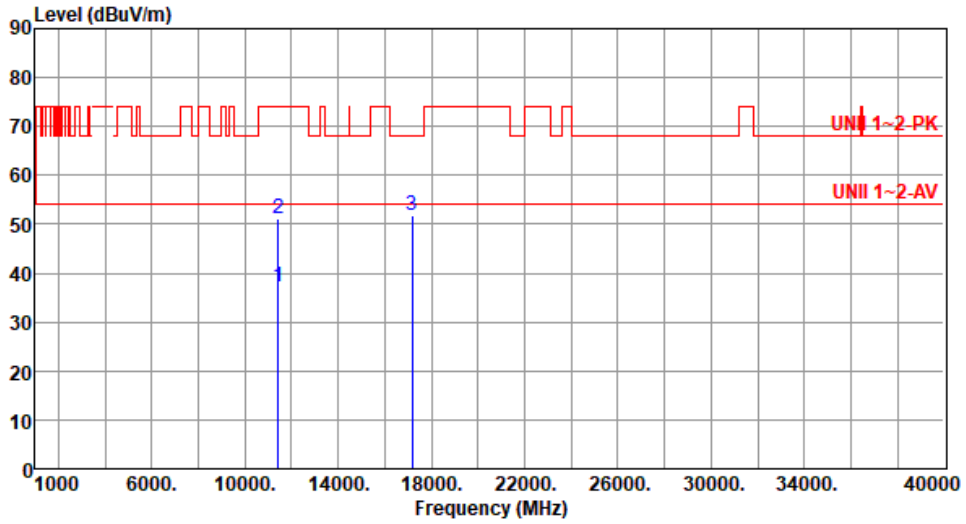


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	37.77	54.00	-16.23	28.44	9.33	Average	236	314
2	11440.00	52.00	74.00	-22.00	42.67	9.33	Peak	236	314
3	17160.00	51.86	68.20	-16.34	42.78	9.08	Peak	251	111

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(℃):24 Humidity(%):64



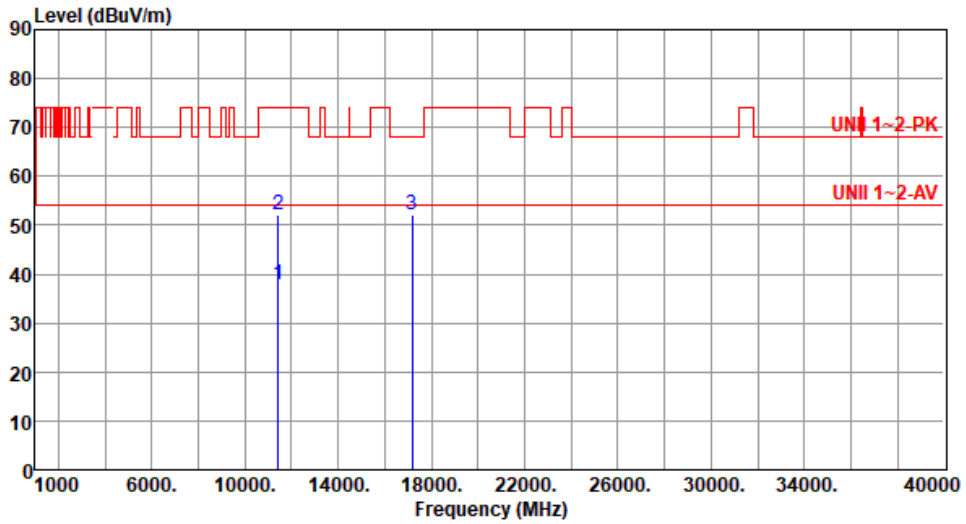
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	37.19	54.00	-16.81	27.86	9.33	Average	335	178
2	11440.00	51.01	74.00	-22.99	41.68	9.33	Peak	335	178
3	17160.00	51.92	68.20	-16.28	42.84	9.08	Peak	100	126

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).

Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA

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

Test By :Akun Chung- Temperature(℃):24 Humidity(%):64

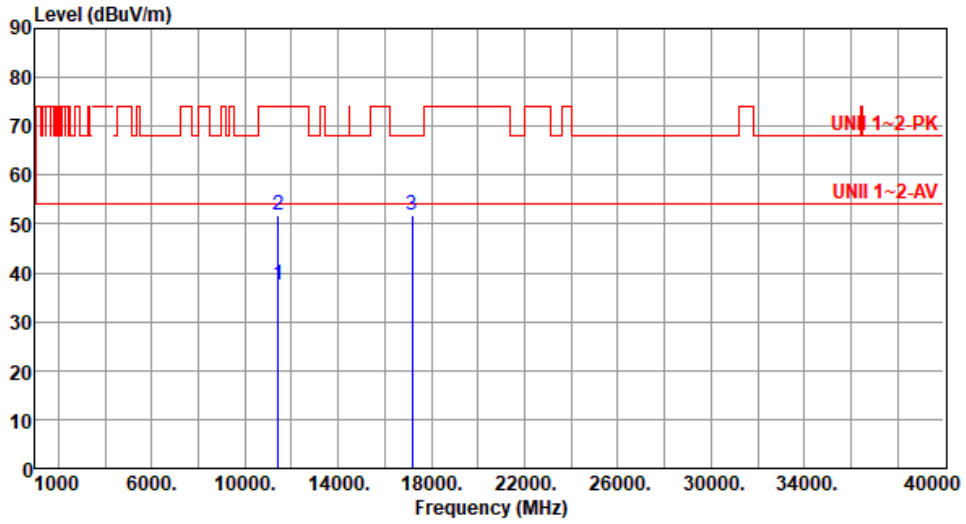


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	37.84	54.00	-16.16	28.51	9.33	Average	246	325
2	11440.00	52.27	74.00	-21.73	42.94	9.33	Peak	246	325
3	17160.00	52.10	68.20	-16.10	43.02	9.08	Peak	243	127

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(℃):24 Humidity(%):64



	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	37.57	54.00	-16.43	28.24	9.33	Average	328	186
2	11440.00	51.69	74.00	-22.31	42.36	9.33	Peak	328	186
3	17160.00	51.70	68.20	-16.50	42.62	9.08	Peak	100	136

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

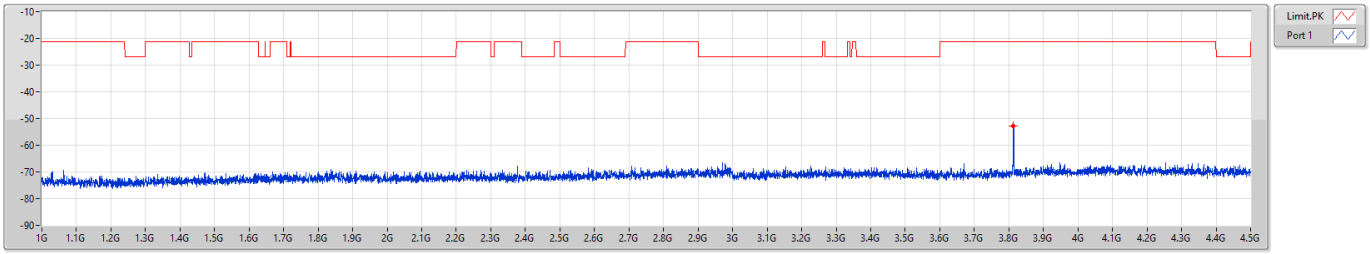
Result

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	-54.11	-54.11	-49.71	-41.20	-8.51
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.81356G	4.40	-52.81	-52.81	-48.41	-21.20	-27.21
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	3.81356G	4.40	-53.86	-53.86	-49.46	-41.20	-8.26
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.81356G	4.40	-52.90	-52.90	-48.50	-21.20	-27.30
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	AV	3.81356G	4.40	-54.13	-54.13	-49.73	-41.20	-8.53
5720MHz Straddle 5.47-5.725GHz	Pass	1G	4.5G	PK	3.81356G	4.40	-53.08	-53.08	-48.68	-21.20	-27.48

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]**

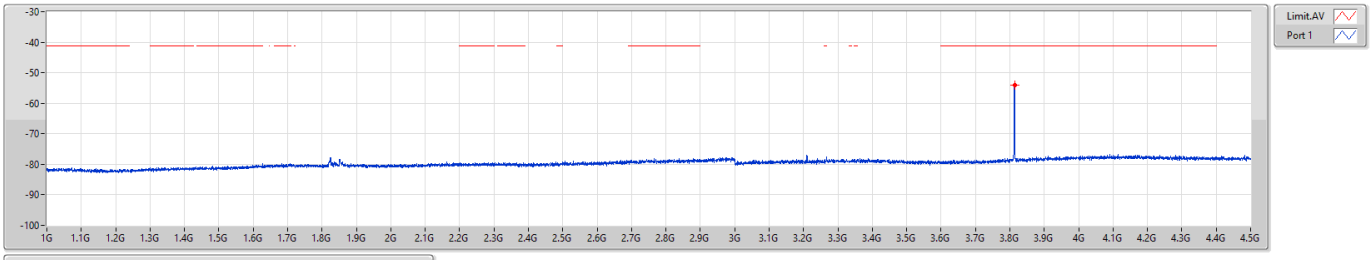
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.81356G	-52.81	-52.81

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

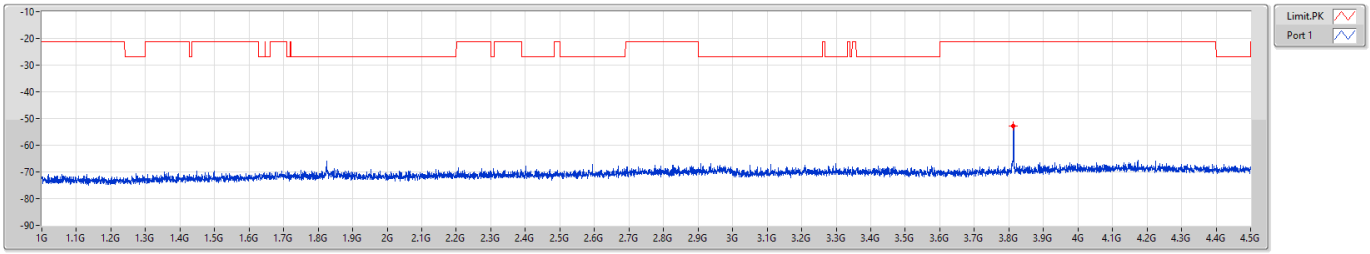
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.81356G	-54.11	-54.11

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

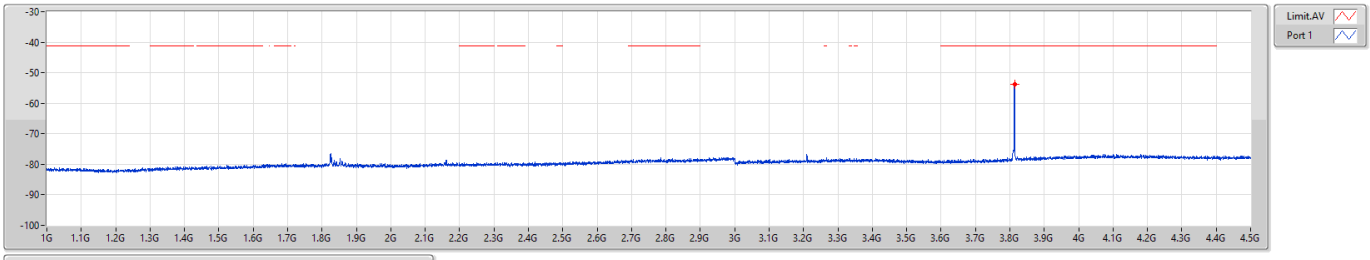
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.81356G	-52.90	-52.90

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

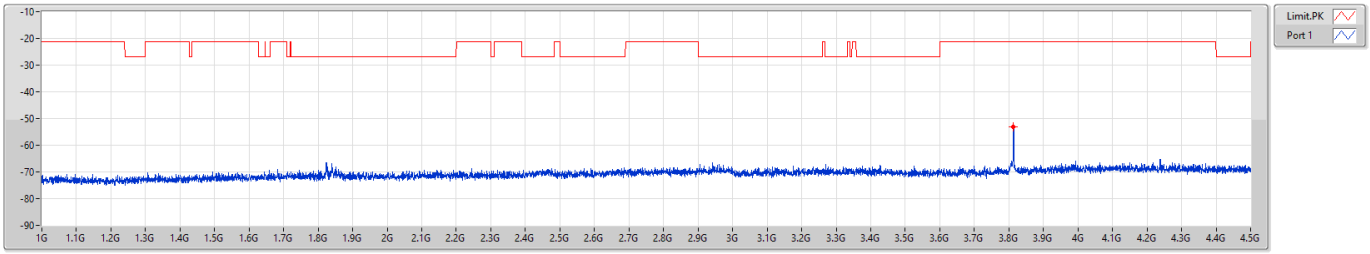
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.81356G	-53.86	-53.86

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

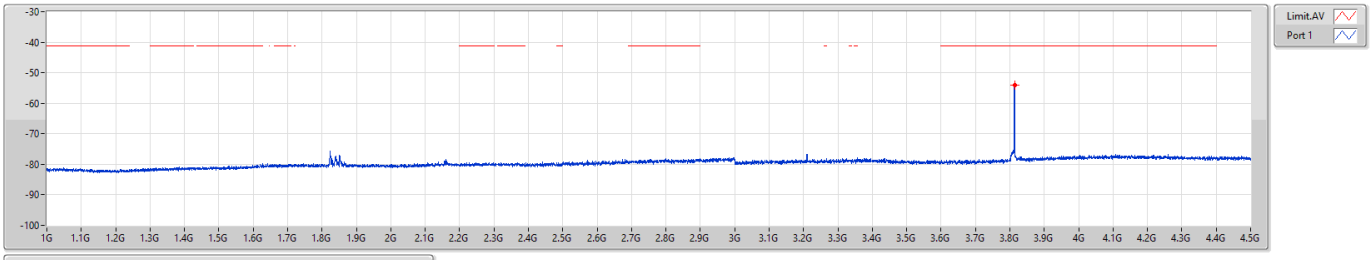
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.81356G	-53.08	-53.08

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	-54.13	-54.13

partial RU configuration

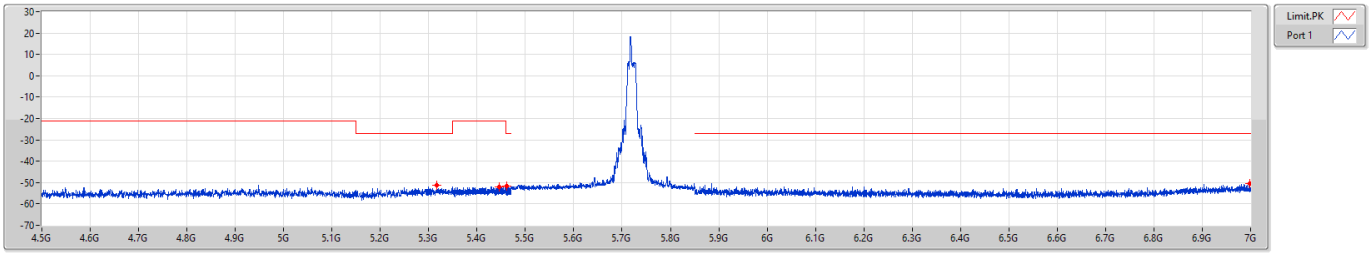
Result

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	-62.52	-62.52	-58.12	-41.2	-16.92
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.45104G	4.40	-62.74	-62.74	-58.34	-41.2	-17.14
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.31685G	4.40	-51.25	-51.25	-46.85	-27	-19.85
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.44669G	4.40	-51.86	-51.86	-47.46	-21.2	-26.26
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.4609G	4.40	-51.63	-51.63	-47.23	-27	-20.23
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	6.99799G	4.40	-50.37	-50.37	-45.97	-27	-18.97
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	-62.48	-62.48	-58.08	-41.2	-16.88
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.44G	4.40	-62.33	-62.33	-57.93	-41.2	-16.73
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.28753G	4.40	-51.81	-51.81	-47.41	-27	-20.41
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.38839G	4.40	-50.8	-50.8	-46.40	-21.2	-25.20
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46931G	4.40	-50.28	-50.28	-45.88	-27	-18.88
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	6.99943G	4.40	-50.34	-50.34	-45.94	-27	-18.94
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	-62.22	-62.22	-57.82	-41.2	-16.62
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.3536G	4.40	-61.39	-61.39	-56.99	-41.2	-15.79
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.32918G	4.40	-49.75	-49.75	-45.35	-27	-18.35
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.35385G	4.40	-50.31	-50.31	-45.91	-21.2	-24.71
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46368G	4.40	-49.91	-49.91	-45.51	-27	-18.51
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	5.85173G	4.40	-50.1	-50.1	-45.70	-27	-18.70

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]**

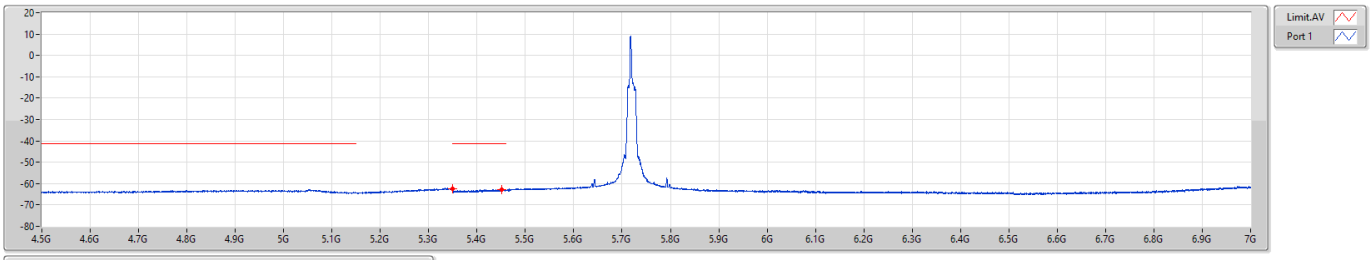
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.31685G	-51.25	-51.25
5.35G	5.46G	1M	PK	5.44669G	-51.86	-51.86
5.46G	5.47G	1M	PK	5.4609G	-51.63	-51.63
5.85G	7G	1M	PK	6.99799G	-50.37	-50.37

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

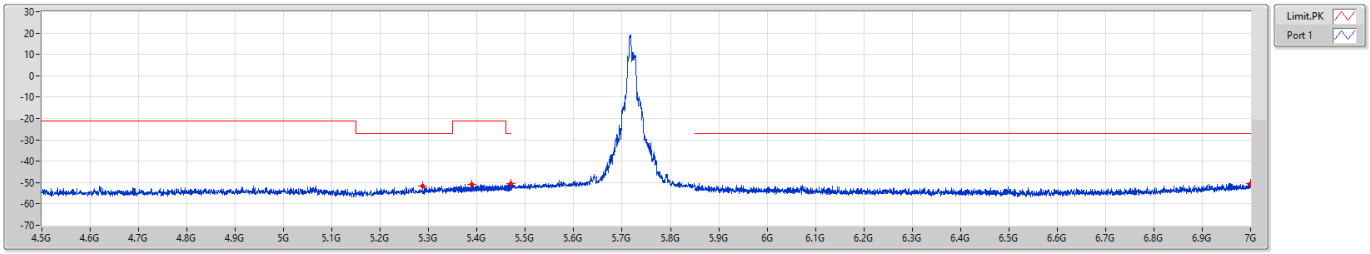
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.35G	-62.52	-62.52
5.35G	5.47G	1M	AV	5.45104G	-62.74	-62.74

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

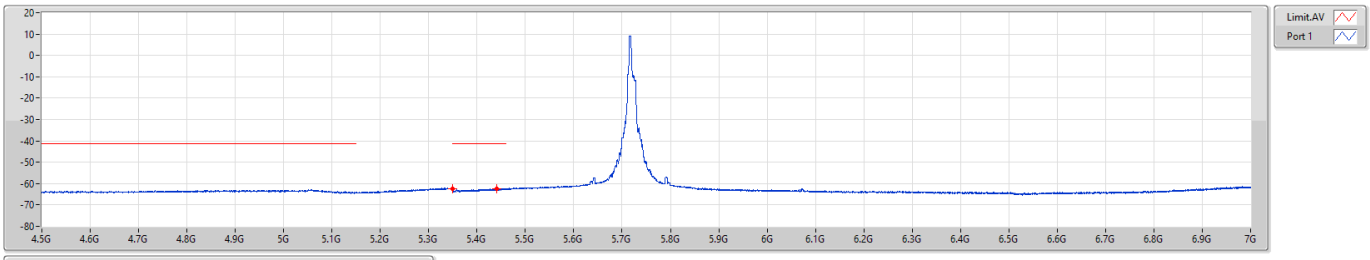
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.28753G	-51.81	-51.81
5.35G	5.46G	1M	PK	5.38839G	-50.80	-50.80
5.46G	5.47G	1M	PK	5.46931G	-50.28	-50.28
5.85G	7G	1M	PK	6.99943G	-50.34	-50.34

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

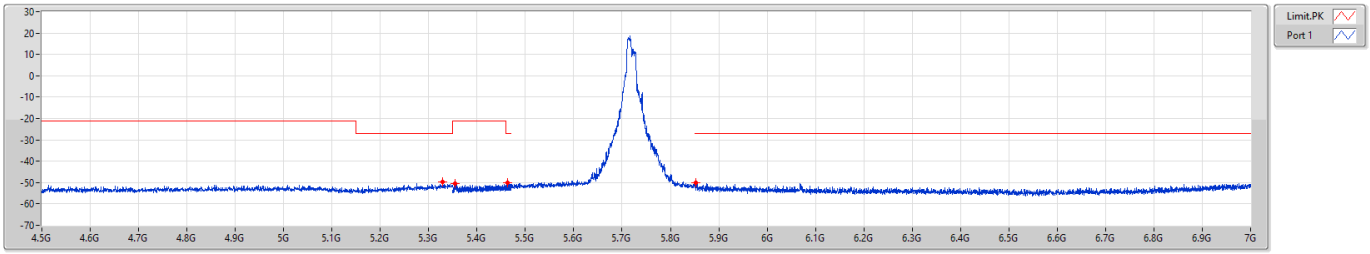
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.35G	-62.48	-62.48
5.35G	5.47G	1M	AV	5.44G	-62.33	-62.33

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

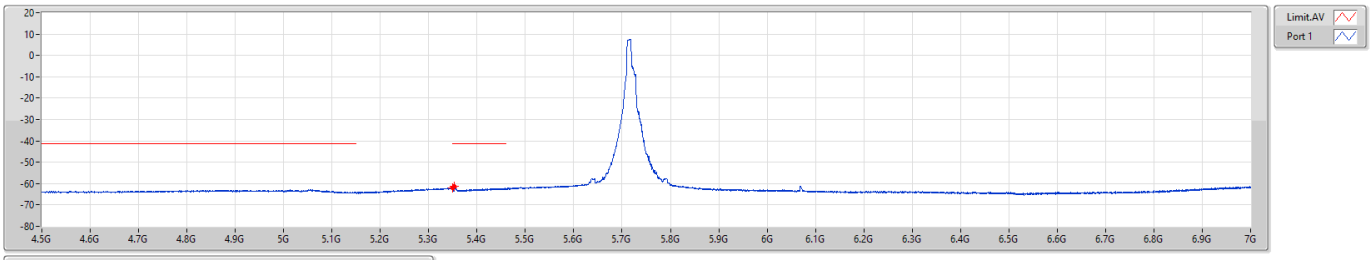
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.32918G	-49.75	-49.75
5.35G	5.46G	1M	PK	5.35385G	-50.31	-50.31
5.46G	5.47G	1M	PK	5.46368G	-49.91	-49.91
5.85G	7G	1M	PK	5.85173G	-50.10	-50.10

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	-62.22	-62.22
5.35G	5.47G	1M	AV	5.3536G	-61.39	-61.39

partial RU configuration

Result

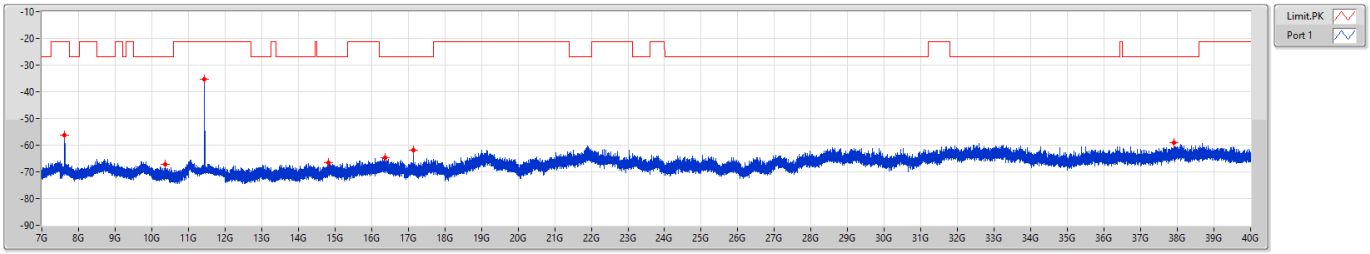
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	AV	7.624G	4.40	-63.97	-63.97	-59.57	-41.20	-18.37
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	AV	10.9775G	4.40	-77.19	-77.19	-72.79	-41.20	-31.59
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	AV	11.4355G	4.40	-48.67	-48.67	-44.27	-41.20	-3.07
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	AV	12.275G	4.40	-77.64	-77.64	-73.24	-41.20	-32.04
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	AV	16.177G	4.40	-75.43	-75.43	-71.03	-41.20	-29.83
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	AV	17.703G	4.40	-75.67	-75.67	-71.27	-41.20	-30.07
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.74188G	4.40	-68.43	-68.43	-64.03	-41.20	-22.83
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	PK	7.6235G	4.40	-56.35	-56.35	-51.95	-21.20	-30.75
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	PK	10.3715G	4.40	-67.24	-67.24	-62.84	-27.00	-35.84
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	PK	11.436G	4.40	-35.28	-35.28	-30.88	-21.20	-9.68
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	PK	14.834G	4.40	-66.49	-66.49	-62.09	-27.00	-35.09
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	PK	16.365G	4.40	-64.77	-64.77	-60.37	-27.00	-33.37
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	PK	17.1525G	4.40	-61.84	-61.84	-57.44	-27.00	-30.44
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	37.90313G	4.40	-59.15	-59.15	-54.75	-27.00	-27.75
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	AV	7.623G	4.40	-64.74	-64.74	-60.34	-41.20	-19.14
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	AV	10.9845G	4.40	-77.31	-77.31	-72.91	-41.20	-31.71
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	AV	11.433G	4.40	-47.72	-47.72	-43.32	-41.20	-2.12
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	AV	12.2235G	4.40	-77.84	-77.84	-73.44	-41.20	-32.24
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	AV	16.1435G	4.40	-75.46	-75.46	-71.06	-41.20	-29.86
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	AV	17.723G	4.40	-75.89	-75.89	-71.49	-41.20	-30.29
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.67381G	4.40	-68.41	-68.41	-64.01	-41.20	-22.81
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	PK	7.6225G	4.40	-56.47	-56.47	-52.07	-21.20	-30.87
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	PK	10.2495G	4.40	-68.52	-68.52	-64.12	-27.00	-37.12
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	PK	11.434G	4.40	-37.76	-37.76	-33.36	-21.20	-12.16
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	PK	14.87G	4.40	-65.33	-65.33	-60.93	-27.00	-33.93
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	PK	16.3335G	4.40	-65.10	-65.10	-60.70	-27.00	-33.70
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	PK	17.1485G	4.40	-63.98	-63.98	-59.58	-27.00	-32.58
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	32.33094G	4.40	-59.30	-59.30	-54.90	-27.00	-27.90
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	AV	7.622G	4.40	-66.89	-66.89	-62.49	-41.20	-21.29
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	AV	10.9925G	4.40	-77.29	-77.29	-72.89	-41.20	-31.69
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	AV	11.429G	4.40	-49.56	-49.56	-45.16	-41.20	-3.96
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	AV	14.4905G	4.40	-77.47	-77.47	-73.07	-41.20	-31.87
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	AV	16.19G	4.40	-75.43	-75.43	-71.03	-41.20	-29.83
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	AV	17.743G	4.40	-75.99	-75.99	-71.59	-41.20	-30.39
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	AV	38.66006G	4.40	-68.67	-68.67	-64.27	-41.20	-23.07

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5720MHz Straddle 5.47-5.725GHz	Pass	7G	10G	PK	7.62G	4.40	-56.68	-56.68	-52.28	-21.20	-31.08
5720MHz Straddle 5.47-5.725GHz	Pass	10G	11G	PK	10.4565G	4.40	-67.81	-67.81	-63.41	-27.00	-36.41
5720MHz Straddle 5.47-5.725GHz	Pass	11G	12G	PK	11.422G	4.40	-40.07	-40.07	-35.67	-21.20	-14.47
5720MHz Straddle 5.47-5.725GHz	Pass	12G	15G	PK	14.8955G	4.40	-66.31	-66.31	-61.91	-27.00	-34.91
5720MHz Straddle 5.47-5.725GHz	Pass	15G	17G	PK	16.3885G	4.40	-63.64	-63.64	-59.24	-27.00	-32.24
5720MHz Straddle 5.47-5.725GHz	Pass	17G	18G	PK	17.143G	4.40	-63.57	-63.57	-59.17	-27.00	-32.17
5720MHz Straddle 5.47-5.725GHz	Pass	18G	40G	PK	32.68844G	4.40	-59.64	-59.64	-55.24	-27.00	-28.24

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]**

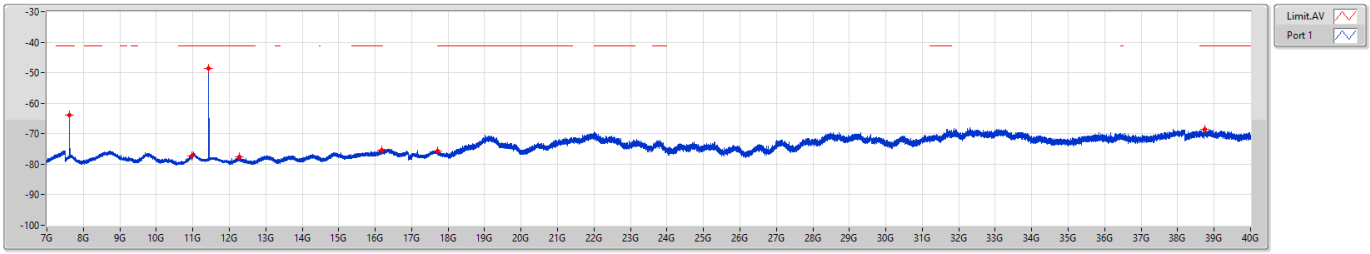
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	PK	7.6235G	-56.35	-56.35
10G	11G	1M	PK	10.3715G	-67.24	-67.24
11G	12G	1M	PK	11.436G	-35.28	-35.28
12G	15G	1M	PK	14.834G	-66.49	-66.49
15G	17G	1M	PK	16.365G	-64.77	-64.77
17G	18G	1M	PK	17.1525G	-61.84	-61.84
18G	40G	1M	PK	37.90313G	-59.15	-59.15

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

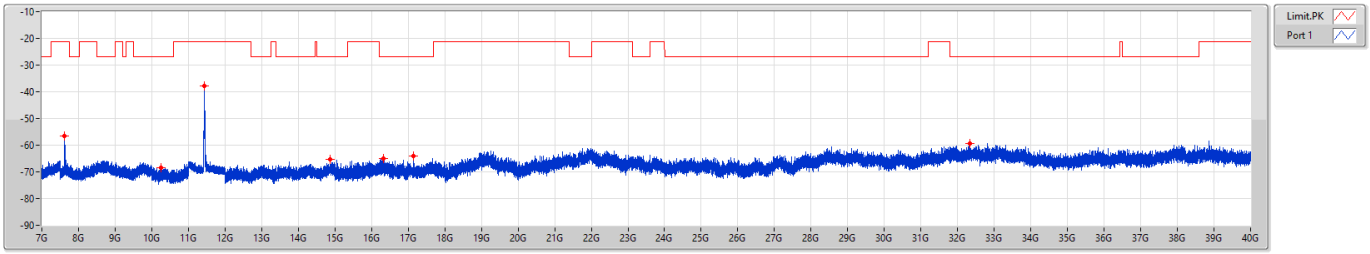
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	AV	7.624G	-63.97	-63.97
10G	11G	1M	AV	10.9775G	-77.19	-77.19
11G	12G	1M	AV	11.4355G	-48.67	-48.67
12G	15G	1M	AV	12.275G	-77.64	-77.64
15G	17G	1M	AV	16.177G	-75.43	-75.43
17G	18G	1M	AV	17.703G	-75.67	-75.67
18G	40G	1M	AV	38.74188G	-68.43	-68.43

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

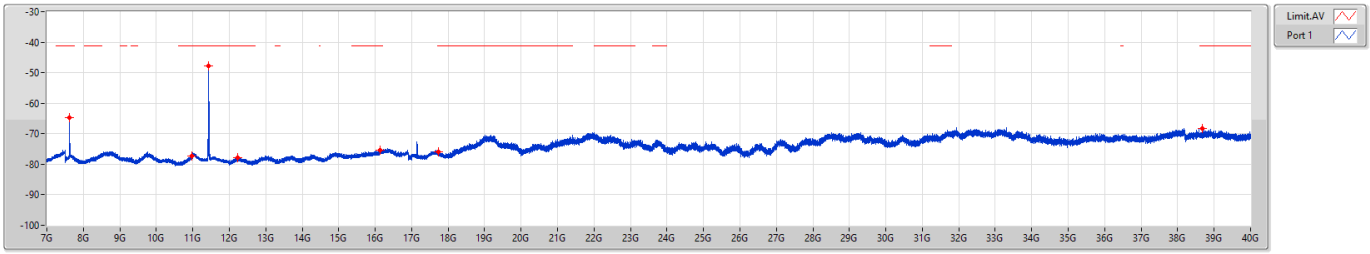
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	PK	7.6225G	-56.47	-56.47
10G	11G	1M	PK	10.2495G	-68.52	-68.52
11G	12G	1M	PK	11.434G	-37.76	-37.76
12G	15G	1M	PK	14.87G	-65.33	-65.33
15G	17G	1M	PK	16.3335G	-65.10	-65.10
17G	18G	1M	PK	17.1485G	-63.98	-63.98
18G	40G	1M	PK	32.33094G	-59.30	-59.30

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

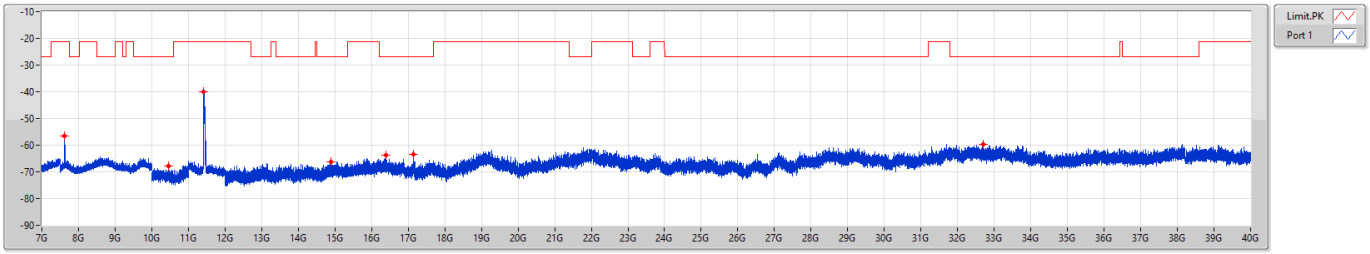
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	AV	7.623G	-64.74	-64.74
10G	11G	1M	AV	10.9845G	-77.31	-77.31
11G	12G	1M	AV	11.433G	-47.72	-47.72
12G	15G	1M	AV	12.2235G	-77.84	-77.84
15G	17G	1M	AV	16.1435G	-75.46	-75.46
17G	18G	1M	AV	17.723G	-75.89	-75.89
18G	40G	1M	AV	38.67381G	-68.41	-68.41

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

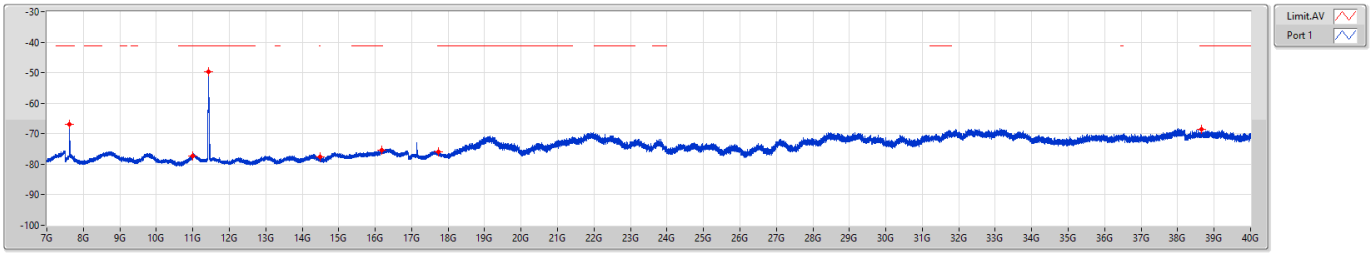
5720MHz Straddle 5.47-5.725GHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	PK	7.62G	-56.68	-56.68
10G	11G	1M	PK	10.4565G	-67.81	-67.81
11G	12G	1M	PK	11.422G	-40.07	-40.07
12G	15G	1M	PK	14.8955G	-66.31	-66.31
15G	17G	1M	PK	16.3885G	-63.64	-63.64
17G	18G	1M	PK	17.143G	-63.57	-63.57
18G	40G	1M	PK	32.68844G	-59.64	-59.64

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

5720MHz Straddle 5.47-5.725GHz



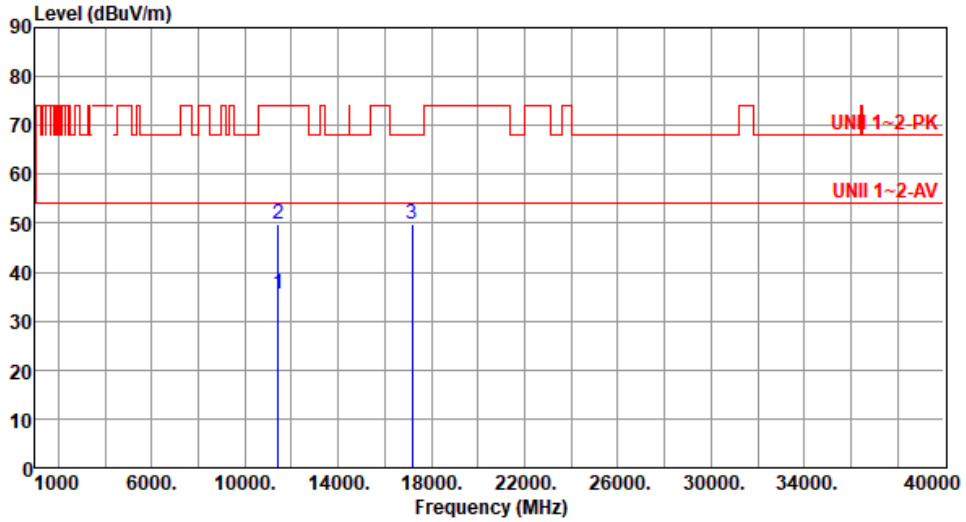
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	10G	1M	AV	7.622G	-66.89	-66.89
10G	11G	1M	AV	10.9925G	-77.29	-77.29
11G	12G	1M	AV	11.429G	-49.56	-49.56
12G	15G	1M	AV	14.4905G	-77.47	-77.47
15G	17G	1M	AV	16.19G	-75.43	-75.43
17G	18G	1M	AV	17.743G	-75.99	-75.99
18G	40G	1M	AV	38.66006G	-68.67	-68.67

partial RU configuration

Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA RU26

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

Test By :Akun Chung- Temperature(℃):24 Humidity(%):64

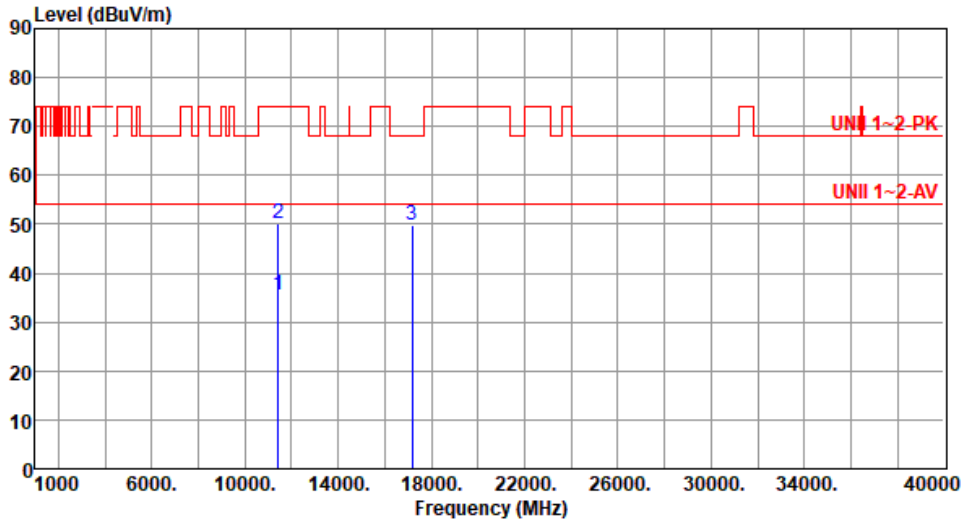


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	35.60	54.00	-18.40	26.27	9.33	Average	100	224
2	11440.00	49.88	74.00	-24.12	40.55	9.33	Peak	100	224
3	17160.00	49.92	68.20	-18.28	40.84	9.08	Peak	100	132

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(℃):24 Humidity(%):64



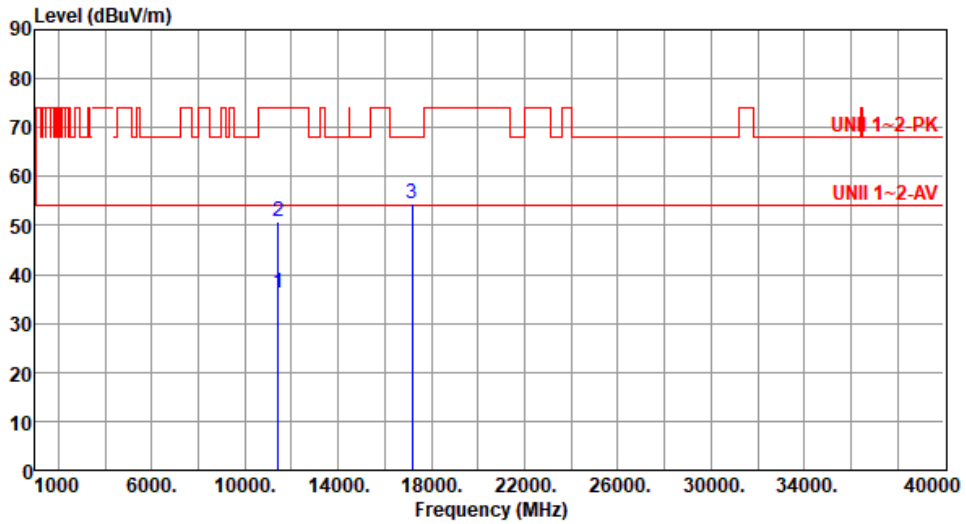
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	35.58	54.00	-18.42	26.25	9.33	Average	131	173
2	11440.00	50.00	74.00	-24.00	40.67	9.33	Peak	131	173
3	17160.00	49.97	68.20	-18.23	40.89	9.08	Peak	100	133

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).

Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA RU52

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

Test By :Akun Chung- Temperature(℃):24 Humidity(%):64

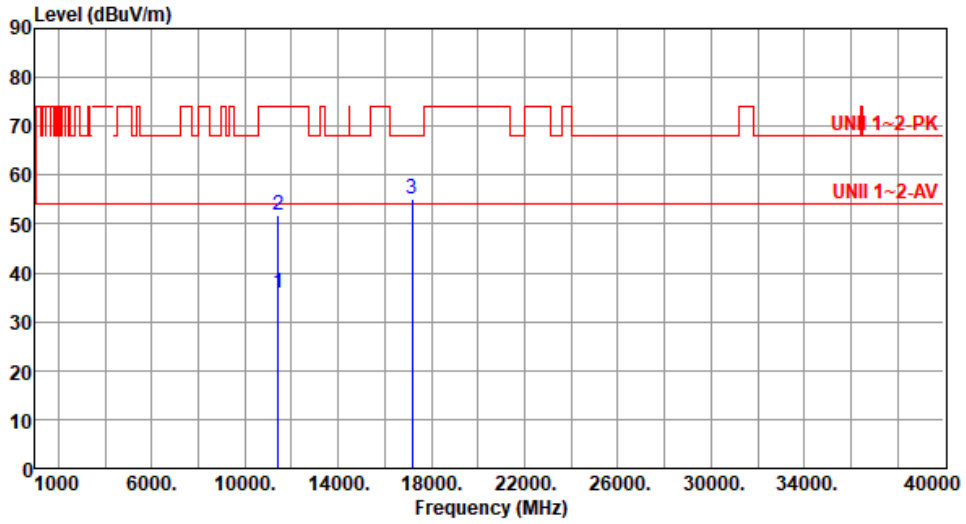


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	36.17	54.00	-17.83	26.84	9.33	Average	100	212
2	11440.00	50.68	74.00	-23.32	41.35	9.33	Peak	100	212
3	17160.00	54.45	68.20	-13.75	45.37	9.08	Peak	100	143

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(℃):24 Humidity(%):64



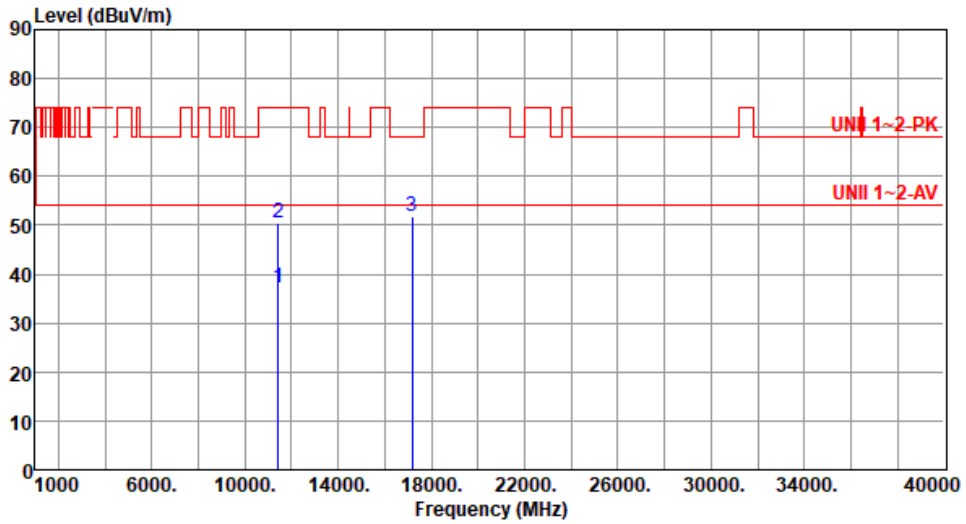
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	35.90	54.00	-18.10	26.57	9.33	Average	147	182
2	11440.00	51.95	74.00	-22.05	42.62	9.33	Peak	147	182
3	17160.00	55.06	68.20	-13.14	45.98	9.08	Peak	100	175

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).

Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA RU106

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

Test By :Akun Chung- Temperature(℃):24 Humidity(%):64

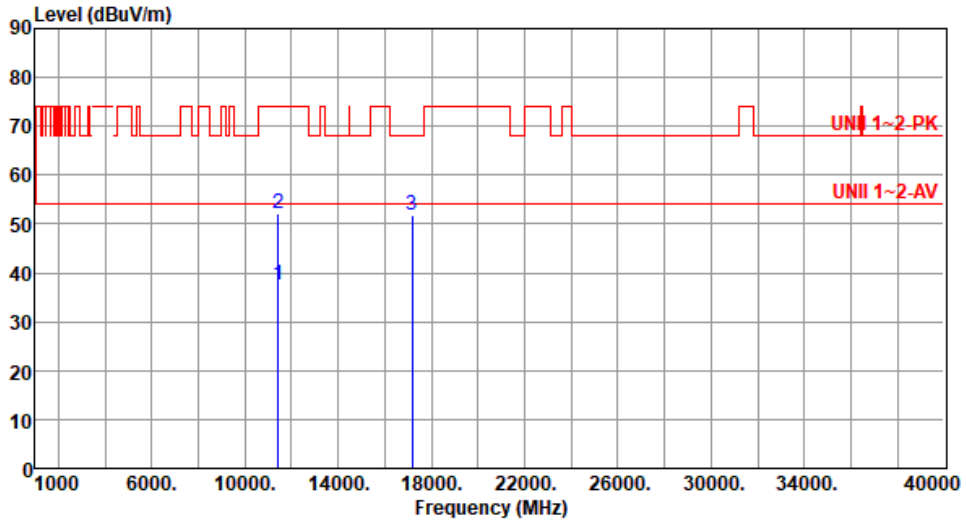


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	37.19	54.00	-16.81	27.86	9.33	Average	100	211
2	11440.00	50.59	74.00	-23.41	41.26	9.33	Peak	100	211
3	17160.00	51.97	68.20	-16.23	42.89	9.08	Peak	100	122

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(℃):24 Humidity(%):64



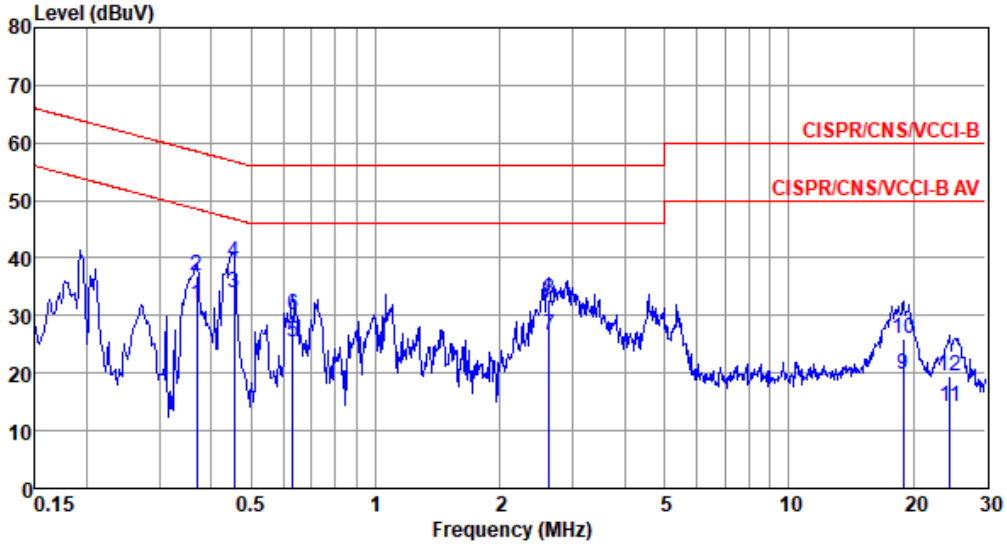
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	11440.00	37.67	54.00	-16.33	28.34	9.33	Average	128	173
2	11440.00	52.14	74.00	-21.86	42.81	9.33	Peak	128	173
3	17160.00	51.83	68.20	-16.37	42.75	9.08	Peak	100	126

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).

Frequency: 5785 MHz	Frequency Drift (ppm			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	-6.19	-5.76	-6.55	-5.87
T20°CVmin	-6.26	-6.32	-5.55	-5.94
T85°CVnom	8.95	9.65	9.21	9.12
T80°CVnom	6.66	6.25	6.91	7.22
T70°CVnom	4.43	4.51	4.46	5.09
T60°CVnom	2.75	2.93	2.53	2.30
T50°CVnom	-0.90	-0.29	-0.11	-0.75
T40°CVnom	-2.96	-2.78	-2.50	-2.79
T30°CVnom	-3.65	-3.62	-3.33	-3.08
T20°CVnom	-6.03	-5.65	-6.44	-6.07
T10°CVnom	-7.16	-7.36	-6.94	-7.33
T0°CVnom	-8.44	-8.14	-8.17	-8.09
T-10°CVnom	-10.29	-9.70	-9.61	-10.02
T-20°CVnom	-11.18	-11.34	-10.64	-11.05
T-30°CVnom	-12.19	-12.46	-12.20	-12.19
T-40°CVnom	-13.03	-13.02	-12.59	-12.83
Vnom [V]: 3.3	Vmax [V]: 3.6		Vmin [V]: 3	
Tnom [°C]: 20	Tmax [°C]: 85		Tmin [°C]: -40	

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

Test by : Joe Liao Temperature: 21°C Humidity: 63%

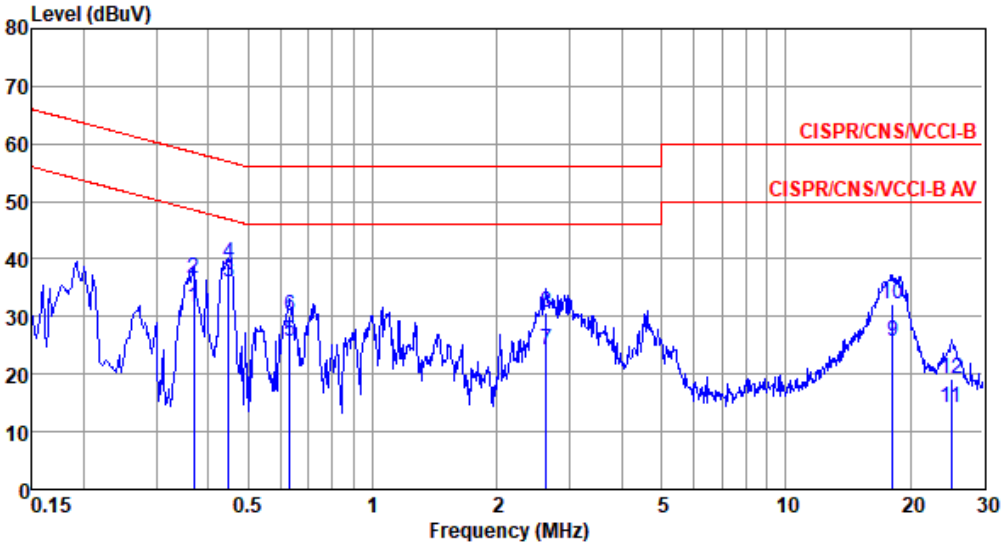


	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.369	31.85	48.52	-16.67	22.17	9.64	0.04	0.00	Average
2	0.369	36.90	58.52	-21.62	27.22	9.64	0.04	0.00	QP
3*	0.454	34.09	46.80	-12.71	24.41	9.64	0.04	0.00	Average
4	0.454	39.34	56.80	-17.46	29.66	9.64	0.04	0.00	QP
5	0.630	25.52	46.00	-20.48	15.83	9.64	0.05	0.00	Average
6	0.630	30.12	56.00	-25.88	20.43	9.64	0.05	0.00	QP
7	2.636	26.44	46.00	-19.56	16.67	9.66	0.11	0.00	Average
8	2.636	32.81	56.00	-23.19	23.04	9.66	0.11	0.00	QP
9	18.920	19.80	50.00	-30.20	9.81	9.69	0.30	0.00	Average
10	18.920	26.05	60.00	-33.95	16.06	9.69	0.30	0.00	QP
11	24.529	14.07	50.00	-35.93	4.11	9.66	0.30	0.00	Average
12	24.529	19.40	60.00	-40.60	9.44	9.66	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 : Joe Liao Temperature: 21°C Humidity: 63%



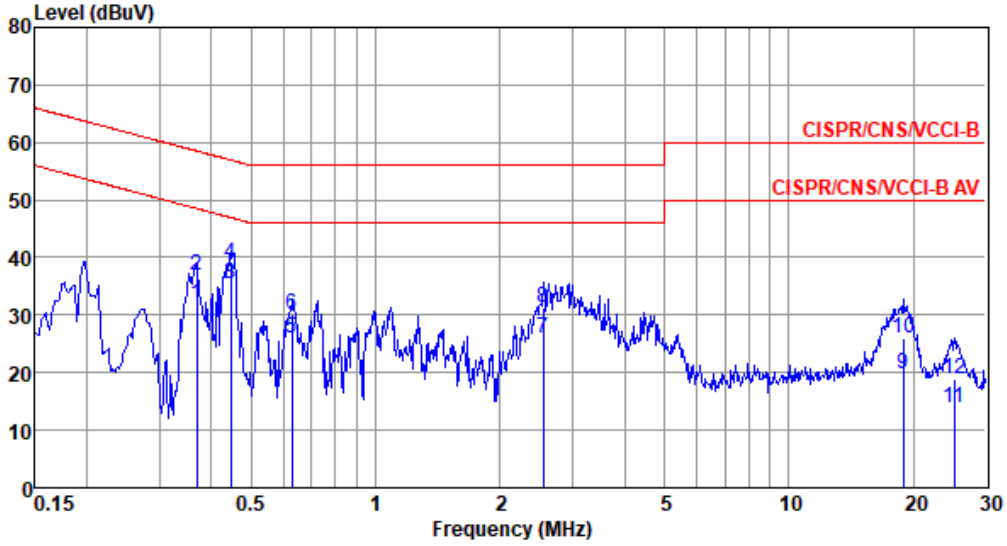
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.369	31.56	48.52	-16.96	21.89	9.63	0.04	0.00	Average
2	0.369	36.53	58.52	-21.99	26.86	9.63	0.04	0.00	QP
3*	0.449	35.99	46.89	-10.90	26.32	9.63	0.04	0.00	Average
4	0.449	39.22	56.89	-17.67	29.55	9.63	0.04	0.00	QP
5	0.630	25.64	46.00	-20.36	15.96	9.63	0.05	0.00	Average
6	0.630	30.11	56.00	-25.89	20.43	9.63	0.05	0.00	QP
7	2.636	24.31	46.00	-21.69	14.55	9.65	0.11	0.00	Average
8	2.636	30.69	56.00	-25.31	20.93	9.65	0.11	0.00	QP
9	18.135	25.54	50.00	-24.46	15.47	9.78	0.29	0.00	Average
10	18.135	32.12	60.00	-27.88	22.05	9.78	0.29	0.00	QP
11	25.188	14.24	50.00	-35.76	4.15	9.79	0.30	0.00	Average
12	25.188	19.13	60.00	-40.87	9.04	9.79	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).

partial RU configuration

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

Test by : Joe Liao Temperature: 21°C Humidity: 63%

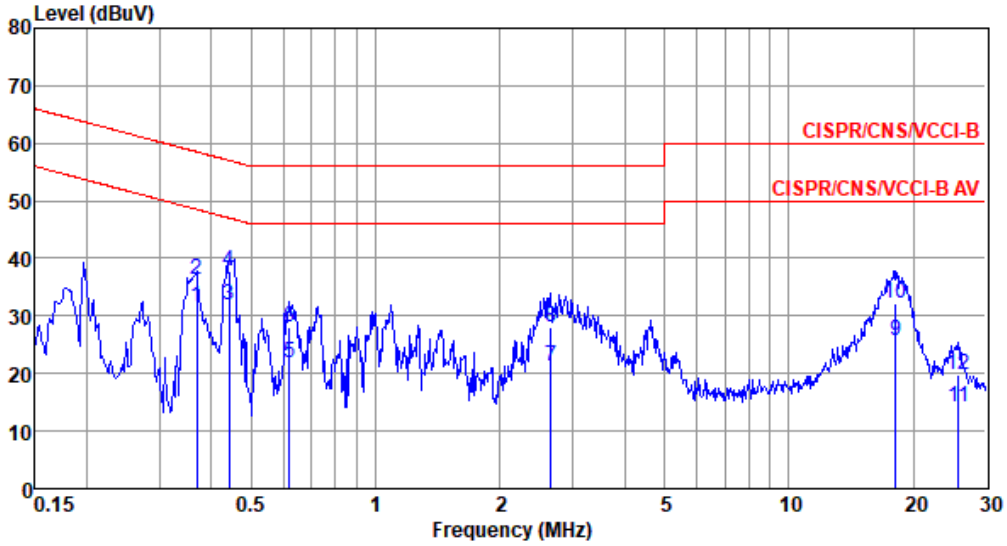


	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.369	31.86	48.52	-16.66	22.18	9.64	0.04	0.00	Average
2	0.369	36.88	58.52	-21.64	27.20	9.64	0.04	0.00	QP
3*	0.447	35.33	46.93	-11.60	25.65	9.64	0.04	0.00	Average
4	0.447	39.06	56.93	-17.87	29.38	9.64	0.04	0.00	QP
5	0.627	25.93	46.00	-20.07	16.24	9.64	0.05	0.00	Average
6	0.627	30.09	56.00	-25.91	20.40	9.64	0.05	0.00	QP
7	2.540	25.85	46.00	-20.15	16.08	9.66	0.11	0.00	Average
8	2.540	31.24	56.00	-24.76	21.47	9.66	0.11	0.00	QP
9	18.920	19.82	50.00	-30.18	9.83	9.69	0.30	0.00	Average
10	18.920	26.11	60.00	-33.89	16.12	9.69	0.30	0.00	QP
11	25.188	13.91	50.00	-36.09	3.95	9.66	0.30	0.00	Average
12	25.188	18.84	60.00	-41.16	8.88	9.66	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 : Joe Liao Temperature: 21℃ Humidity: 63%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.369	31.44	48.52	-17.08	21.77	9.63	0.04	0.00	Average
2	0.369	36.45	58.52	-22.07	26.78	9.63	0.04	0.00	QP
3*	0.442	32.00	47.02	-15.02	22.33	9.63	0.04	0.00	Average
4	0.442	37.85	57.02	-19.17	28.18	9.63	0.04	0.00	QP
5	0.617	21.72	46.00	-24.28	12.04	9.63	0.05	0.00	Average
6	0.617	28.05	56.00	-27.95	18.37	9.63	0.05	0.00	QP
7	2.650	21.36	46.00	-24.64	11.60	9.65	0.11	0.00	Average
8	2.650	28.18	56.00	-27.82	18.42	9.65	0.11	0.00	QP
9	18.135	25.67	50.00	-24.33	15.60	9.78	0.29	0.00	Average
10	18.135	32.06	60.00	-27.94	21.99	9.78	0.29	0.00	QP
11	25.727	14.06	50.00	-35.94	3.96	9.79	0.31	0.00	Average
12	25.727	19.75	60.00	-40.25	9.65	9.79	0.31	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).

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	5.735906G	5.833761G	18.893M	16.425M
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	Pass	5.725-5.85G	5.734698G	5.836839G	22.332M	19.095M

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

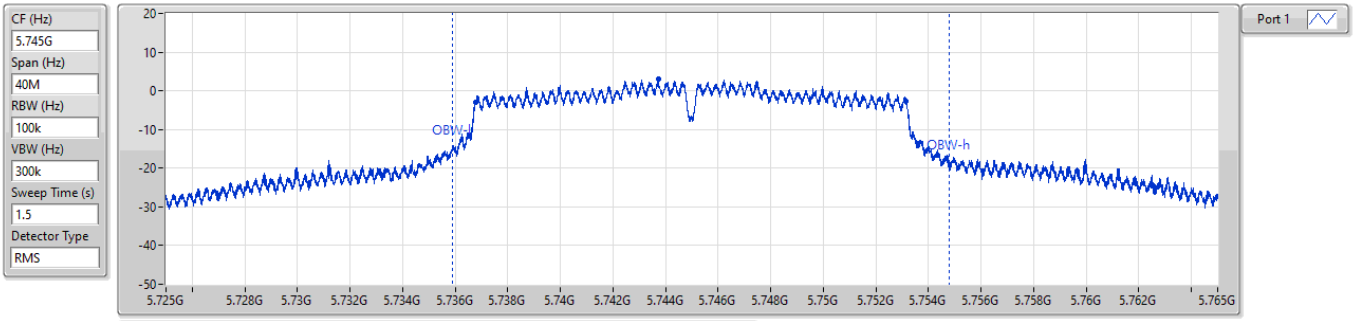
Mode	Result	Limit (Hz)	fl-OBW (Hz)	fh-OBW (Hz)	OBW (Hz)	N dB (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5745MHz_TnomVnom	Pass	5.725-5.85G	5.735906G	5.754799G	18.893M	16.39M
5785MHz_TnomVnom	Pass	5.725-5.85G	5.776454G	5.793949G	17.495M	16.42M
5825MHz_TnomVnom	Pass	5.725-5.85G	5.816555G	5.833761G	17.207M	16.425M
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5745MHz_TnomVnom	Pass	5.725-5.85G	5.734698G	5.756804G	22.107M	19.06M
5785MHz_TnomVnom	Pass	5.725-5.85G	5.774643G	5.796921G	22.279M	19.05M
5825MHz_TnomVnom	Pass	5.725-5.85G	5.814507G	5.836839G	22.332M	19.095M

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

05/02/2026

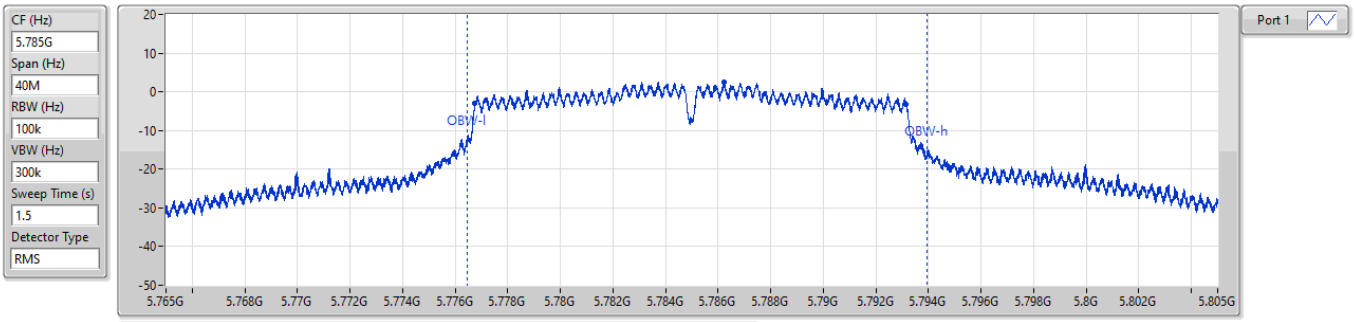


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.39M	5.73676G	5.75315G	18.893M	5.735906G	5.754799G	5.725-5.85G	1

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

5785MHz_TnomVnom

05/02/2026

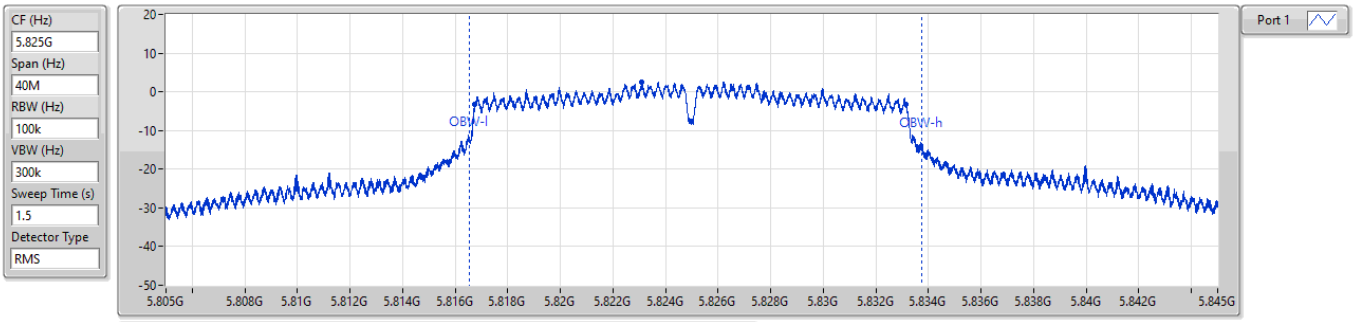


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.42M	5.776735G	5.793155G	17.495M	5.776454G	5.793949G	5.725-5.85G	1

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

5825MHz_TnomVnom

05/02/2026

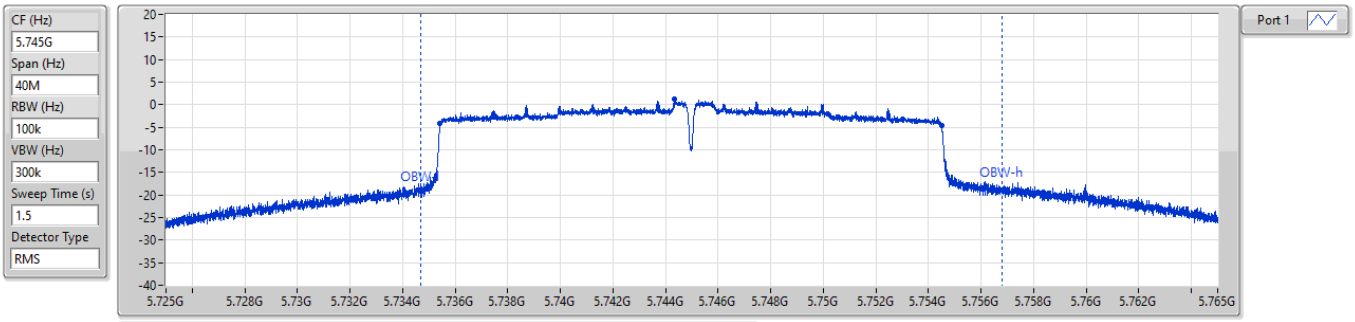


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	5.81673G	5.833155G	17.207M	5.816555G	5.833761G	5.725-5.85G	1

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

5745MHz_TnomVnom

05/02/2026

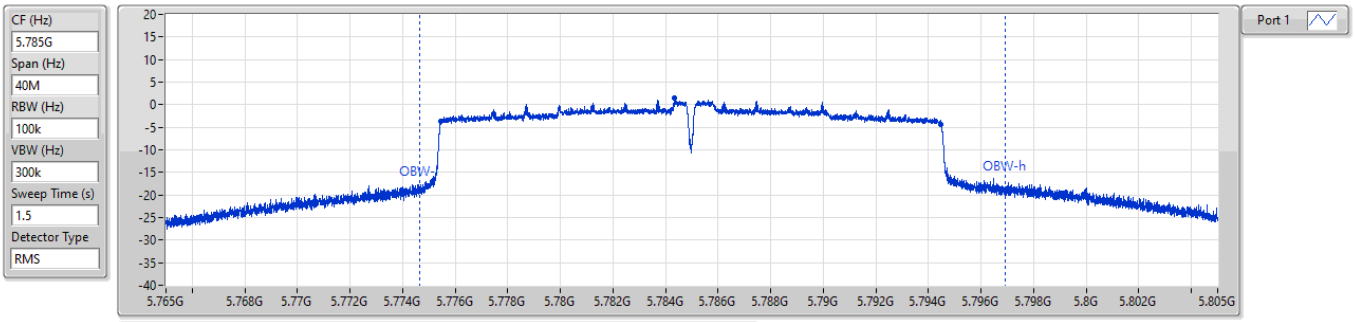


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.06M	5.73543G	5.75449G	22.107M	5.734698G	5.756804G	5.725-5.85G	1

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

5785MHz_TnomVnom

05/02/2026

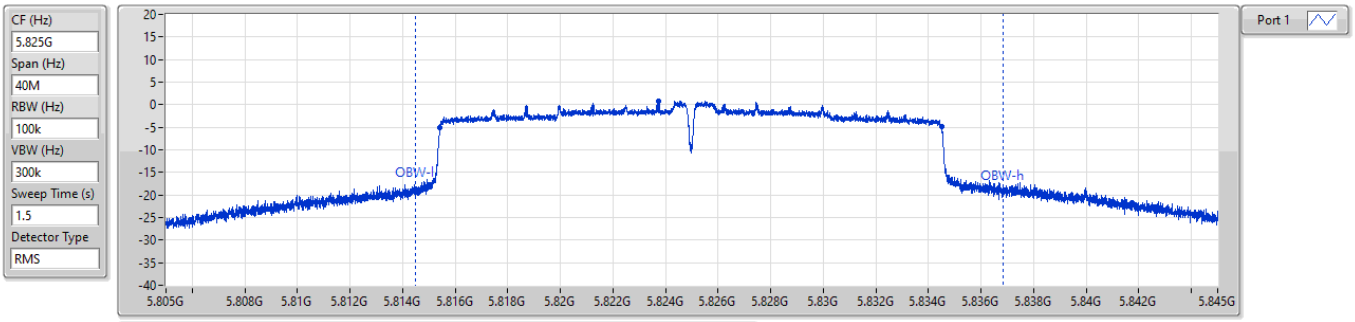


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.775435G	5.794485G	22.279M	5.774643G	5.796921G	5.725-5.85G	1

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

5825MHz_TnomVnom

05/02/2026



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.095M	5.81541G	5.834505G	22.332M	5.814507G	5.836839G	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	26.81	24.17	36	Pass
$T_{min}V_{max}$	5745	27.40	24.17	36	Pass
$T_{min}V_{min}$	5745	27.42	24.19	36	Pass
$T_{max}V_{max}$	5745	26.55	24.17	36	Pass
$T_{max}V_{min}$	5745	26.52	24.14	36	Pass
$T_{nom}V_{nom}$	5785	26.61	24.11	36	Pass
$T_{min}V_{max}$	5785	27.42	24.11	36	Pass
$T_{min}V_{min}$	5785	27.44	24.14	36	Pass
$T_{max}V_{max}$	5785	26.00	24.11	36	Pass
$T_{max}V_{min}$	5785	25.98	24.09	36	Pass
$T_{nom}V_{nom}$	5825	26.53	24.13	36	Pass
$T_{min}V_{max}$	5825	27.06	24.13	36	Pass
$T_{min}V_{min}$	5825	27.09	24.16	36	Pass
$T_{max}V_{max}$	5825	26.34	24.13	36	Pass
$T_{max}V_{min}$	5825	26.32	24.11	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	27.27	24.08	36	Pass
$T_{min}V_{max}$	5745	28.15	24.08	36	Pass
$T_{min}V_{min}$	5745	28.17	24.10	36	Pass
$T_{max}V_{max}$	5745	26.16	24.08	36	Pass
$T_{max}V_{min}$	5745	26.13	24.06	36	Pass
$T_{nom}V_{nom}$	5785	27.14	24.05	36	Pass
$T_{min}V_{max}$	5785	27.81	24.05	36	Pass
$T_{min}V_{min}$	5785	27.83	24.07	36	Pass
$T_{max}V_{max}$	5785	25.78	24.05	36	Pass
$T_{max}V_{min}$	5785	25.76	24.03	36	Pass
$T_{nom}V_{nom}$	5825	27.04	23.90	36	Pass
$T_{min}V_{max}$	5825	27.37	23.90	36	Pass
$T_{min}V_{min}$	5825	27.40	23.92	36	Pass
$T_{max}V_{max}$	5825	25.91	23.90	36	Pass
$T_{max}V_{min}$	5825	25.89	23.88	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	27.35	24.55	36	Pass
$T_{min}V_{max}$	5745	27.97	25.17	36	Pass
$T_{min}V_{min}$	5745	27.95	25.15	36	Pass
$T_{max}V_{max}$	5745	26.17	23.37	36	Pass
$T_{max}V_{min}$	5745	26.14	23.34	36	Pass
$T_{nom}V_{nom}$	5785	25.32	24.63	36	Pass
$T_{min}V_{max}$	5785	25.93	25.24	36	Pass
$T_{min}V_{min}$	5785	25.91	25.22	36	Pass
$T_{max}V_{max}$	5785	23.85	23.16	36	Pass
$T_{max}V_{min}$	5785	23.82	23.13	36	Pass
$T_{nom}V_{nom}$	5825	27.13	24.28	36	Pass
$T_{min}V_{max}$	5825	27.62	24.77	36	Pass
$T_{min}V_{min}$	5825	27.60	24.75	36	Pass
$T_{max}V_{max}$	5825	26.09	23.24	36	Pass
$T_{max}V_{min}$	5825	26.06	23.21	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	27.32	24.35	36	Pass
$T_{min}V_{max}$	5745	27.86	24.89	36	Pass
$T_{min}V_{min}$	5745	27.84	24.87	36	Pass
$T_{max}V_{max}$	5745	26.12	23.15	36	Pass
$T_{max}V_{min}$	5745	26.09	23.12	36	Pass
$T_{nom}V_{nom}$	5785	27.23	24.37	36	Pass
$T_{min}V_{max}$	5785	27.82	24.96	36	Pass
$T_{min}V_{min}$	5785	27.80	24.94	36	Pass
$T_{max}V_{max}$	5785	25.86	23.00	36	Pass
$T_{max}V_{min}$	5785	25.83	22.97	36	Pass
$T_{nom}V_{nom}$	5825	27.15	24.23	36	Pass
$T_{min}V_{max}$	5825	27.77	24.85	36	Pass
$T_{min}V_{min}$	5825	27.75	24.83	36	Pass
$T_{max}V_{max}$	5825	26.15	23.23	36	Pass
$T_{max}V_{min}$	5825	26.12	23.20	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	27.33	24.31	36	Pass
$T_{min}V_{max}$	5745	27.90	24.88	36	Pass
$T_{min}V_{min}$	5745	27.88	24.86	36	Pass
$T_{max}V_{max}$	5745	26.10	23.08	36	Pass
$T_{max}V_{min}$	5745	26.07	23.05	36	Pass
$T_{nom}V_{nom}$	5785	27.20	24.24	36	Pass
$T_{min}V_{max}$	5785	28.00	25.04	36	Pass
$T_{min}V_{min}$	5785	27.98	25.02	36	Pass
$T_{max}V_{max}$	5785	25.82	22.86	36	Pass
$T_{max}V_{min}$	5785	25.79	22.83	36	Pass
$T_{nom}V_{nom}$	5825	27.09	24.10	36	Pass
$T_{min}V_{max}$	5825	27.35	24.36	36	Pass
$T_{min}V_{min}$	5825	27.33	24.34	36	Pass
$T_{max}V_{max}$	5825	26.07	23.08	36	Pass
$T_{max}V_{min}$	5825	26.04	23.05	36	Pass

full RU configuration

Summary

Mode	EIRP PD (dBm/3kHz)
5.725-5.875GHz	-
802.11a_Nss1,(6Mbps)_1TX	0.57
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-0.91

RBW=3 kHz

Result

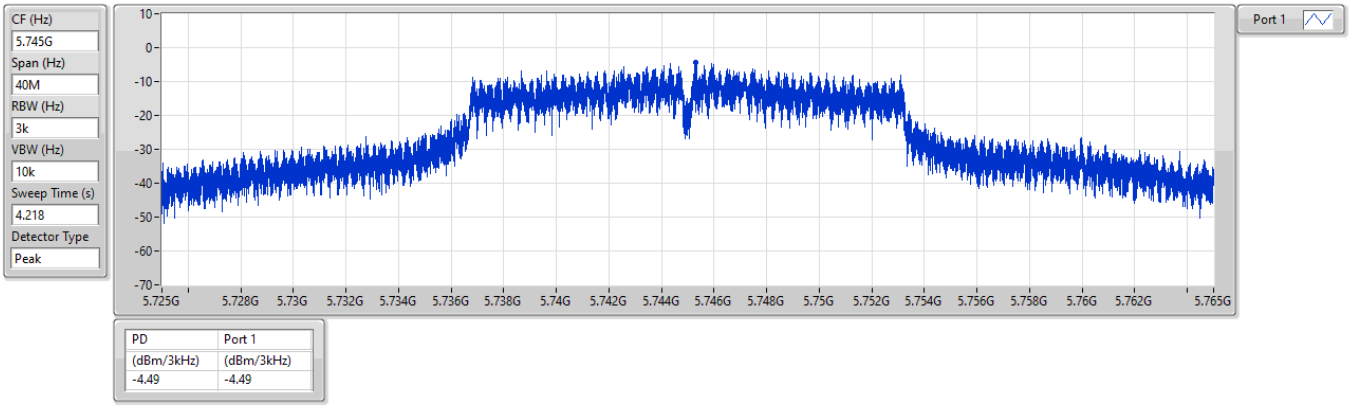
Mode	Result	Gain (dBi)	PD (dBm/3kHz)	EIRP PD (dBm/3kHz)	EIRP PD Limit (dBm/3kHz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	-4.49	-0.09	13.97
5785MHz_TnomVnom	Pass	4.40	-4.35	0.05	13.97
5825MHz_TnomVnom	Pass	4.40	-3.83	0.57	13.97
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	-5.43	-1.03	13.97
5785MHz_TnomVnom	Pass	4.40	-5.59	-1.19	13.97
5825MHz_TnomVnom	Pass	4.40	-5.31	-0.91	13.97

RBW=3 kHz;
Port X = Port X power density; PD = Port 1+Port 2+…Port X;

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

5745MHz

05/02/2026

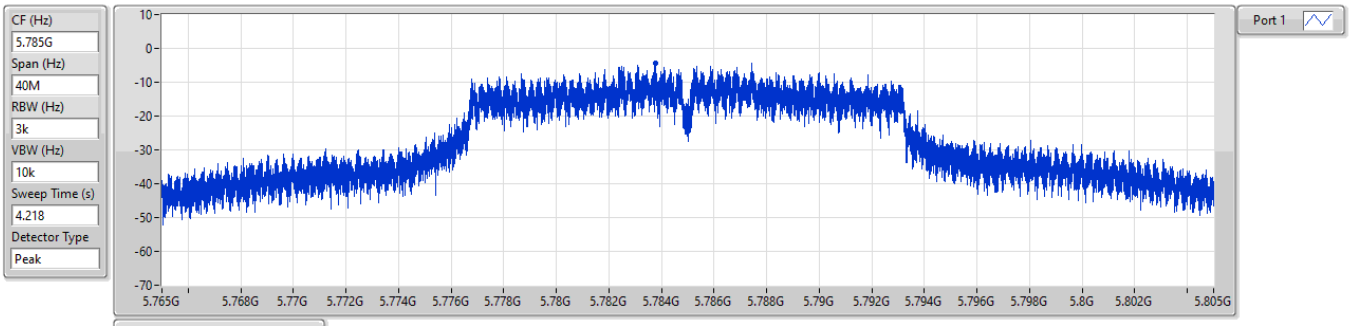


PD	Port 1
(dBm/3kHz)	(dBm/3kHz)
-4.49	-4.49

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

5785MHz

05/02/2026

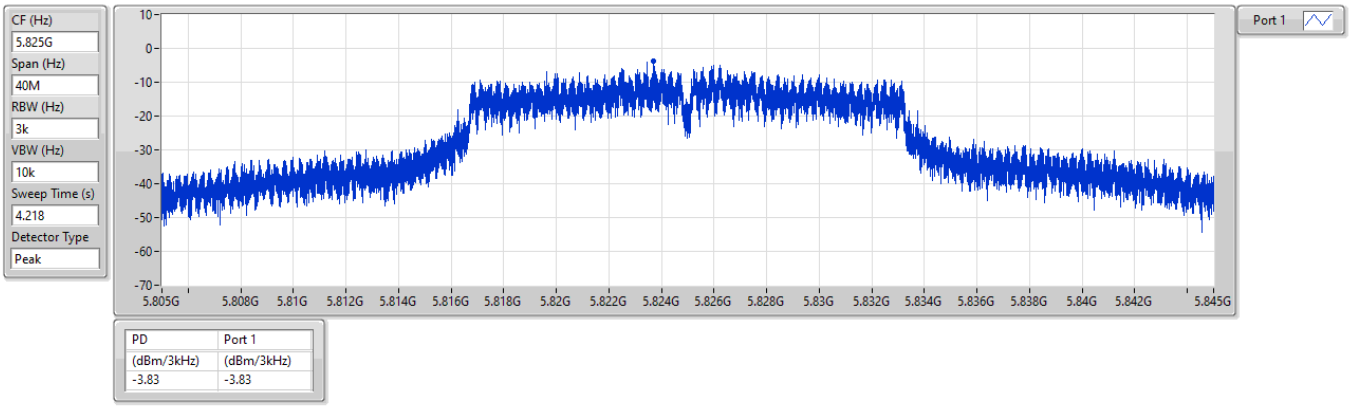


PD	Port 1
(dBm/3kHz)	(dBm/3kHz)
-4.35	-4.35

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

5825MHz

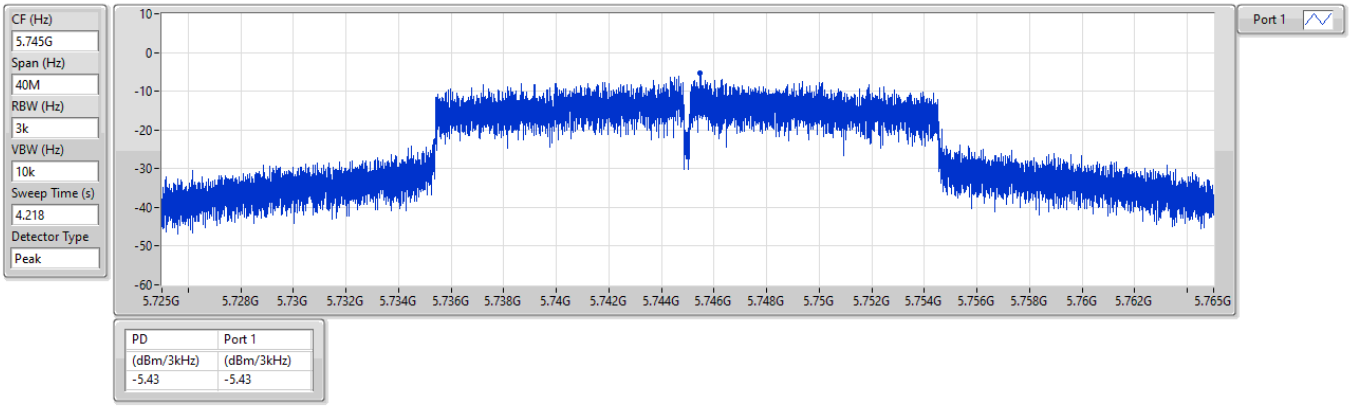
05/02/2026



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

5745MHz

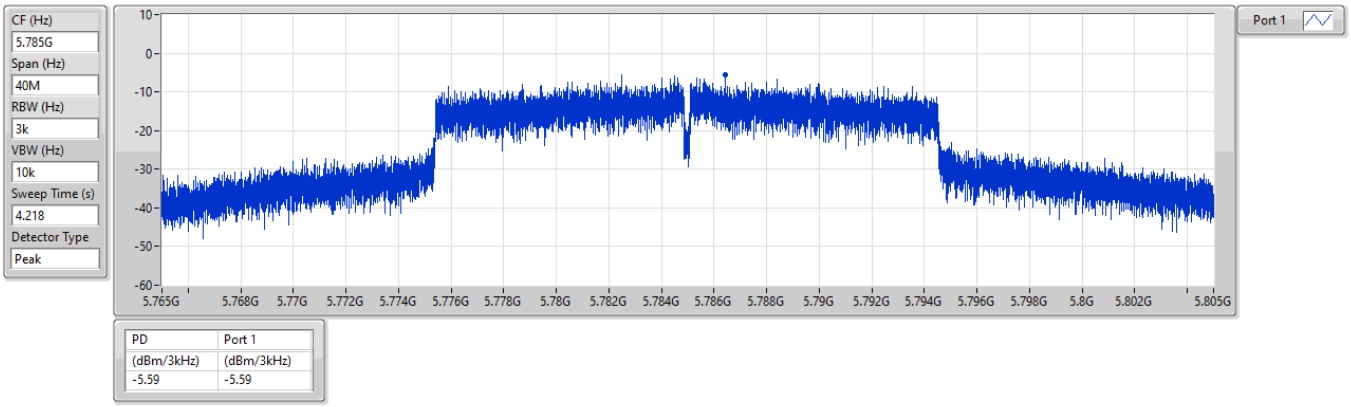
05/02/2026



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

5785MHz

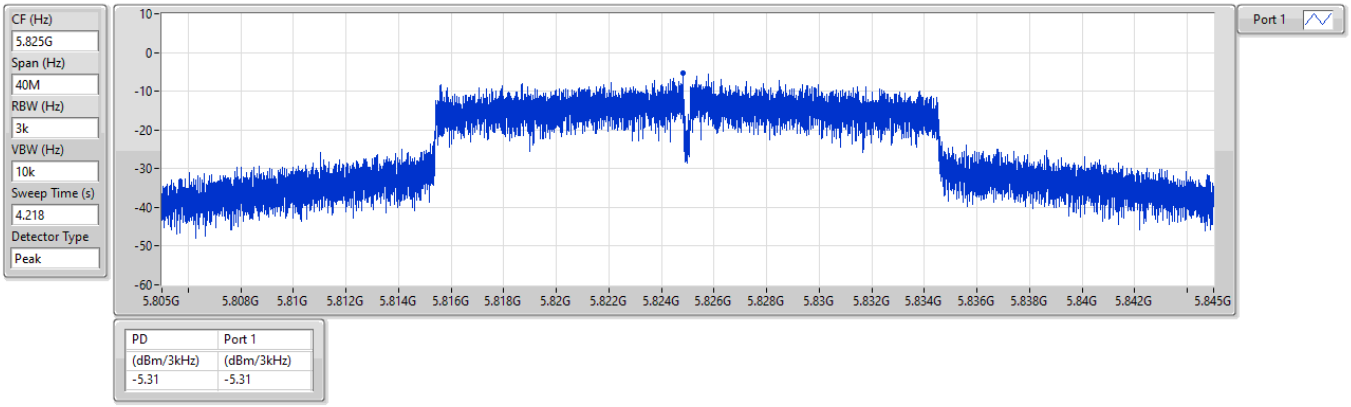
05/02/2026



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

5825MHz

05/02/2026



partial RU configuration

Summary

Mode	EIRP PD (dBm/3kHz)
5.725-5.875GHz	-
802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX	2.25
802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX	7.45
802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX	5.14

RBW=3 kHz

Result

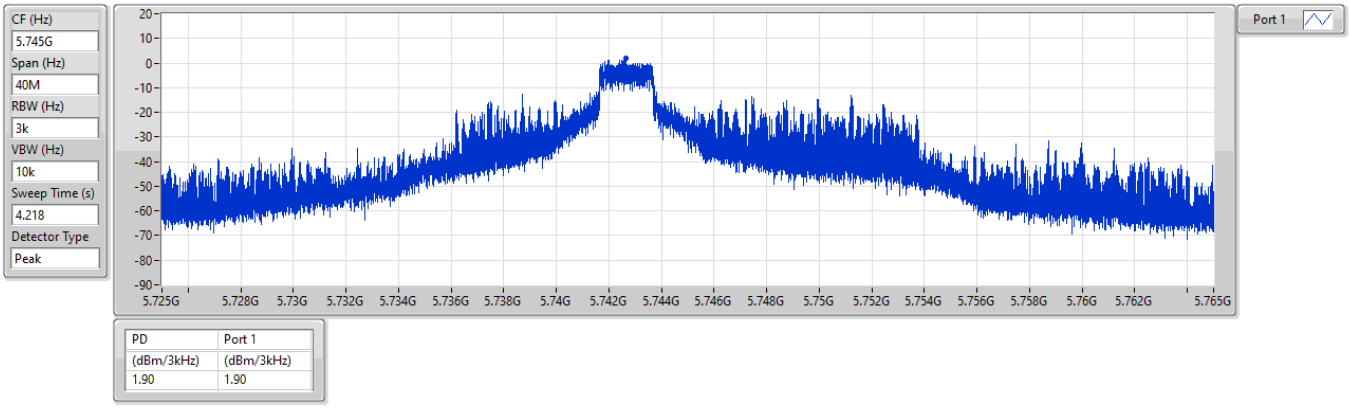
Mode	Result	Gain (dBi)	PD (dBm/3kHz)	EIRP PD (dBm/3kHz)	EIRP PD Limit (dBm/3kHz)
802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	1.90	6.30	13.97
5785MHz_TnomVnom	Pass	4.40	3.05	7.45	13.97
5825MHz_TnomVnom	Pass	4.40	2.84	7.24	13.97
802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	0.74	5.14	13.97
5785MHz_TnomVnom	Pass	4.40	0.23	4.63	13.97
5825MHz_TnomVnom	Pass	4.40	-0.30	4.10	13.97
802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz_TnomVnom	Pass	4.40	-2.15	2.25	13.97
5785MHz_TnomVnom	Pass	4.40	-3.38	1.02	13.97
5825MHz_TnomVnom	Pass	4.40	-2.45	1.95	13.97

RBW=3 kHz;
Port X = Port X power density; PD = Port 1+Port 2+…Port X;

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

5745MHz

05/02/2026

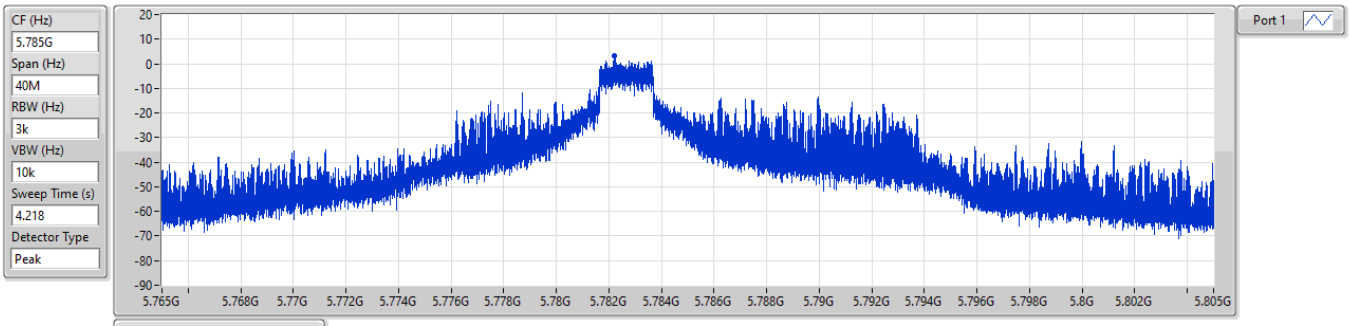


PD	Port 1
(dBm/3kHz)	(dBm/3kHz)
1.90	1.90

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

5785MHz

05/02/2026

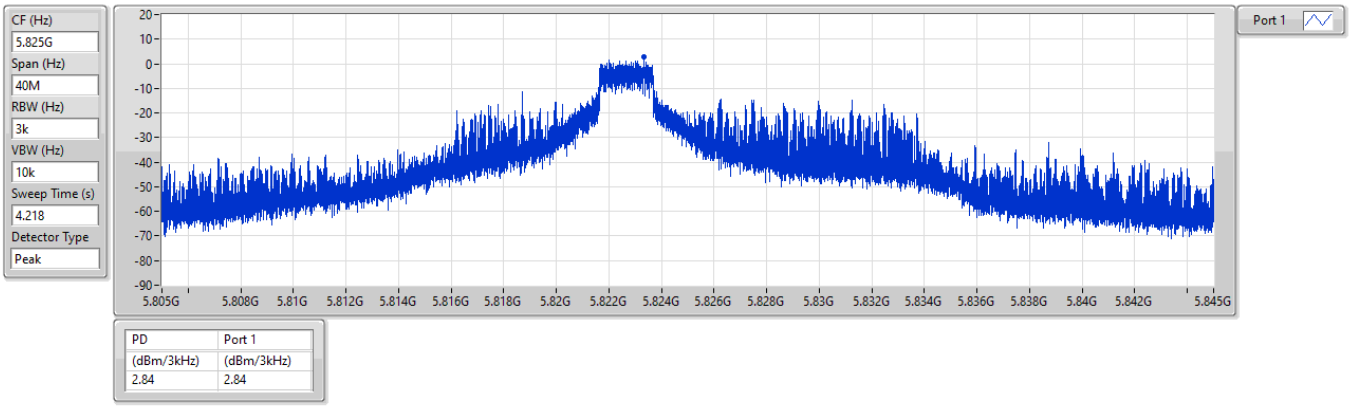


PD	Port 1
(dBm/3kHz)	(dBm/3kHz)
3.05	3.05

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

5825MHz

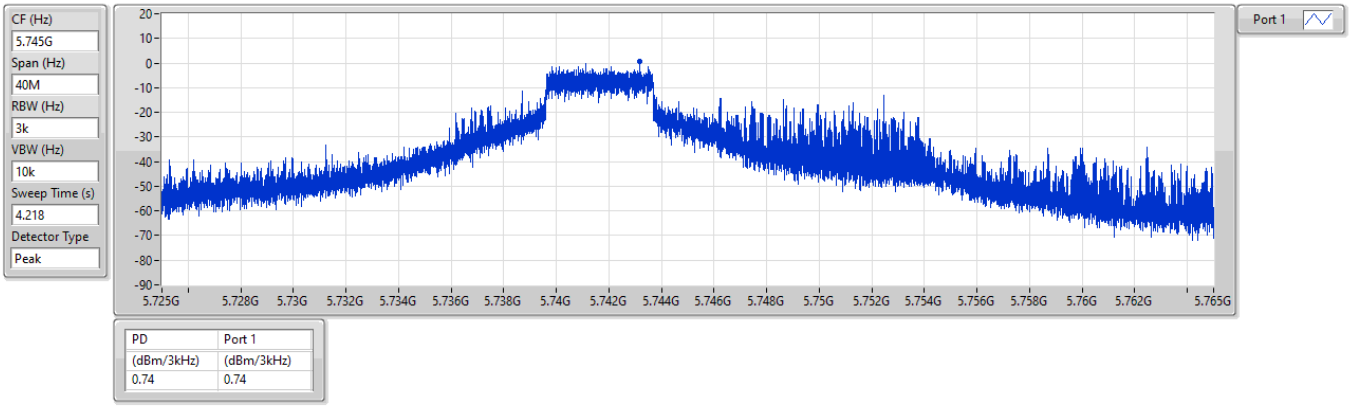
05/02/2026



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

5745MHz

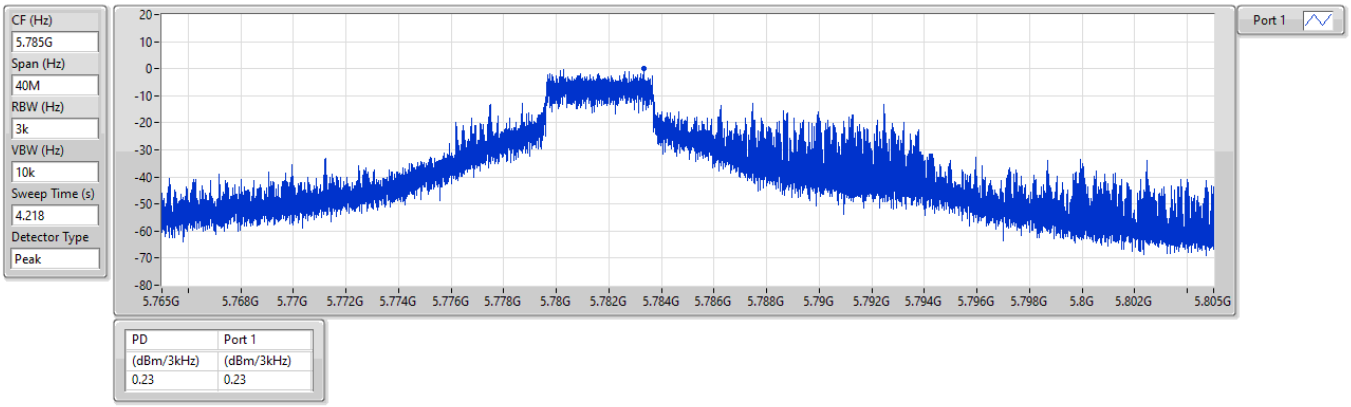
05/02/2026



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

5785MHz

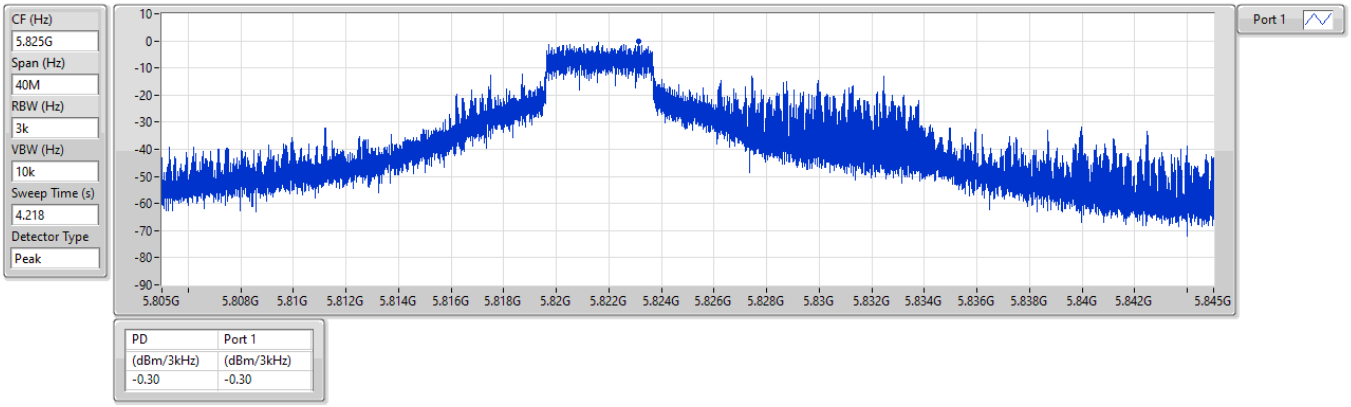
05/02/2026



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

5825MHz

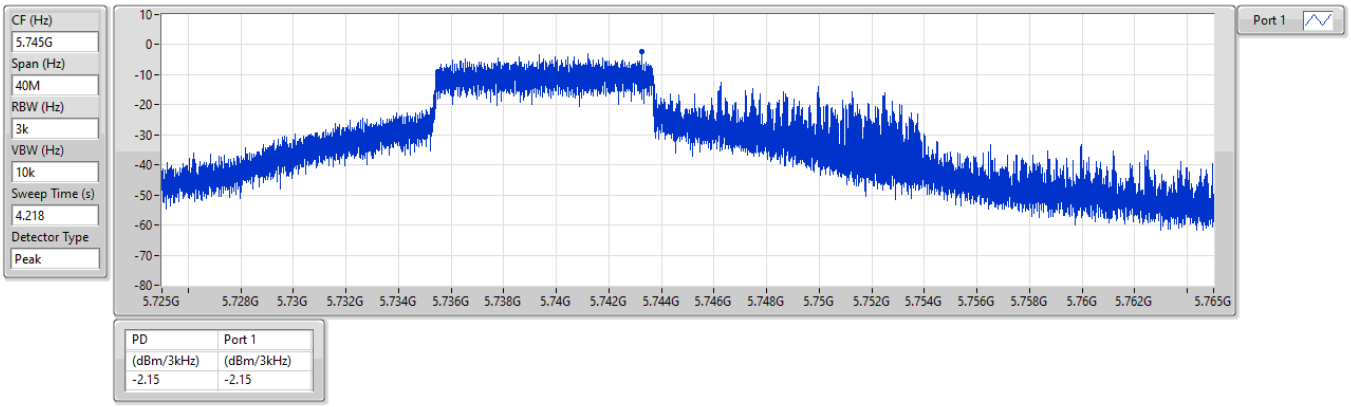
05/02/2026



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

5745MHz

05/02/2026

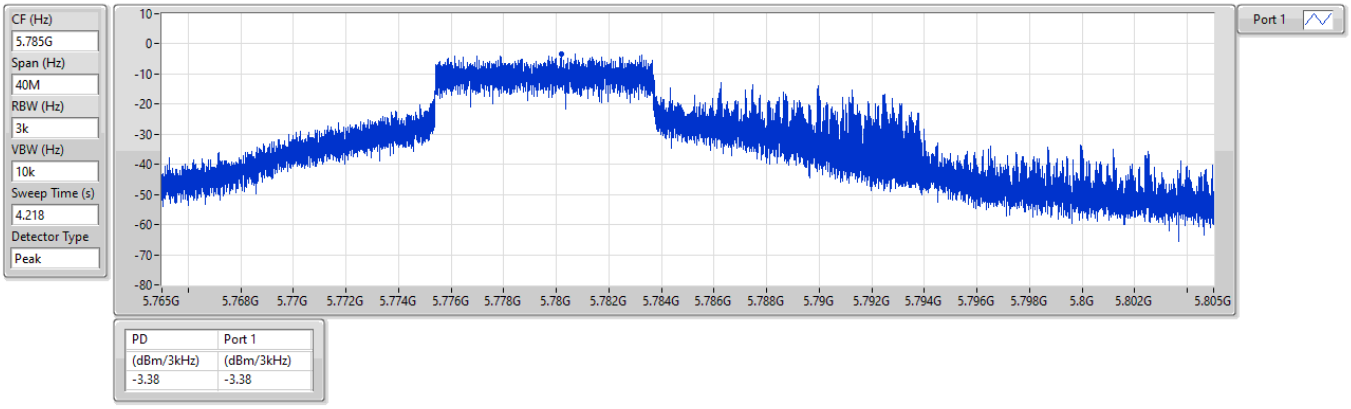


PD	Port 1
(dBm/3kHz)	(dBm/3kHz)
-2.15	-2.15

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

5785MHz

05/02/2026

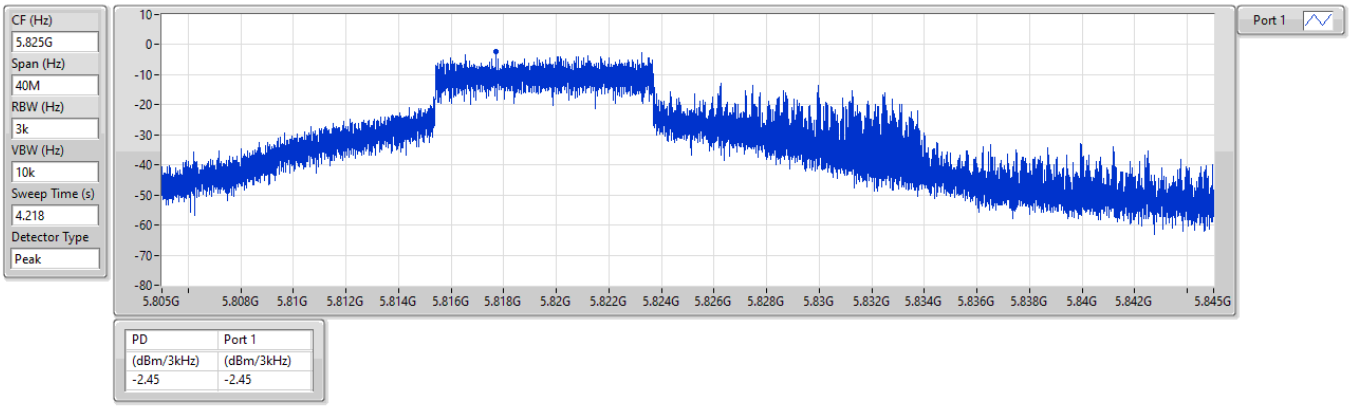


PD	Port 1
(dBm/3kHz)	(dBm/3kHz)
-3.38	-3.38

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

5825MHz

05/02/2026



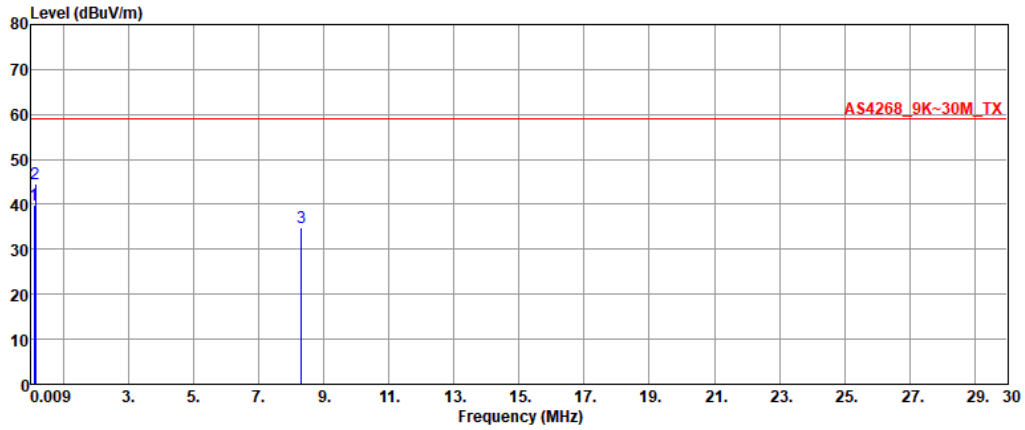
full RU configuration

Configuration 1: Chip Antenna_ANT1608LL14R2460A

Emissions (≤ 30MHz)

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

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

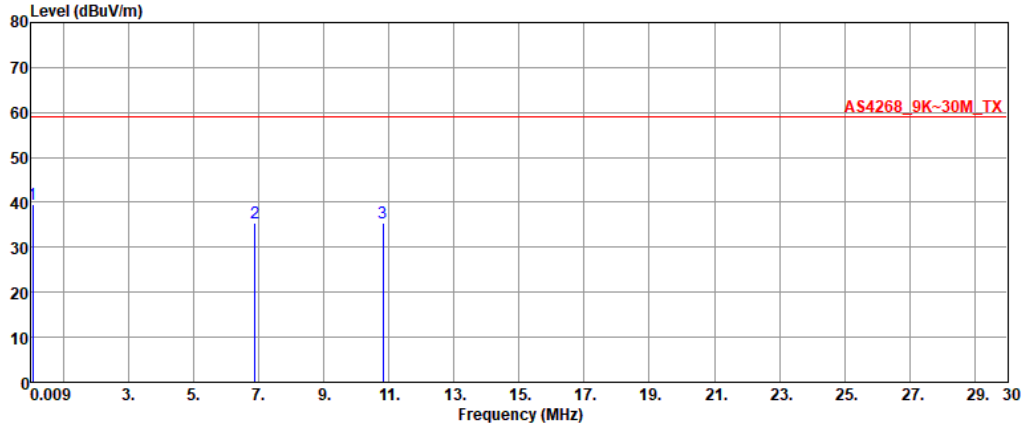


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.79	59.00	-19.21	19.02	20.77
2	0.13	44.67	59.00	-14.33	18.93	25.74
3	8.31	34.93	59.00	-24.07	20.48	14.45

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	9kHz~30MHz		

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

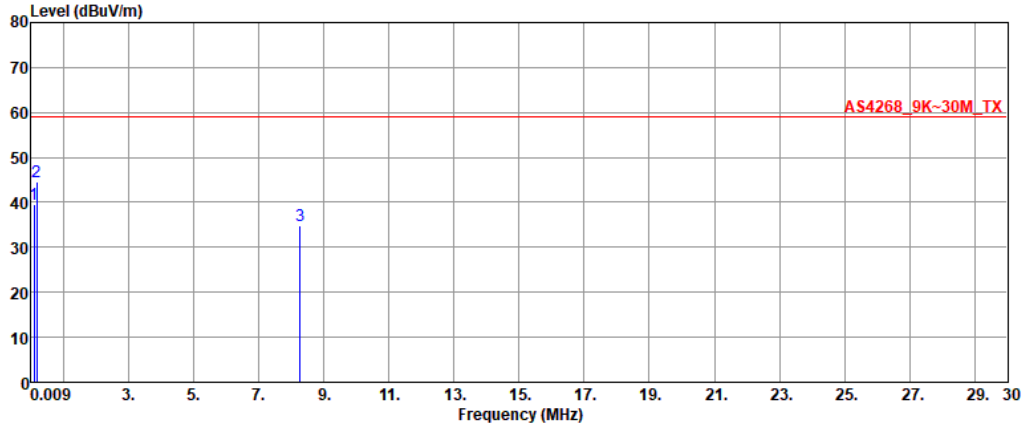


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.54	59.00	-19.46	19.91	19.63
2	6.87	35.32	59.00	-23.68	20.81	14.51
3	10.81	35.32	59.00	-23.68	21.24	14.08

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)**	5720
Frequency	9kHz~30MHz		

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

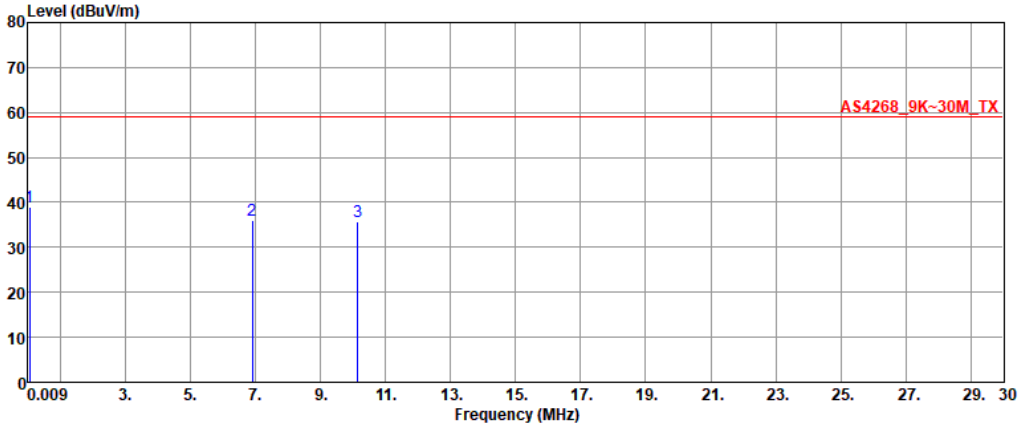


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.43	59.00	-19.57	18.79	20.64
2	0.18	44.49	59.00	-14.51	19.32	25.17
3	8.27	34.69	59.00	-24.31	20.48	14.21

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

Modulation	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	39.06	59.00	-19.94	19.30	19.76
2	6.91	35.99	59.00	-23.01	20.80	15.19
3	10.15	35.58	59.00	-23.42	21.04	14.54

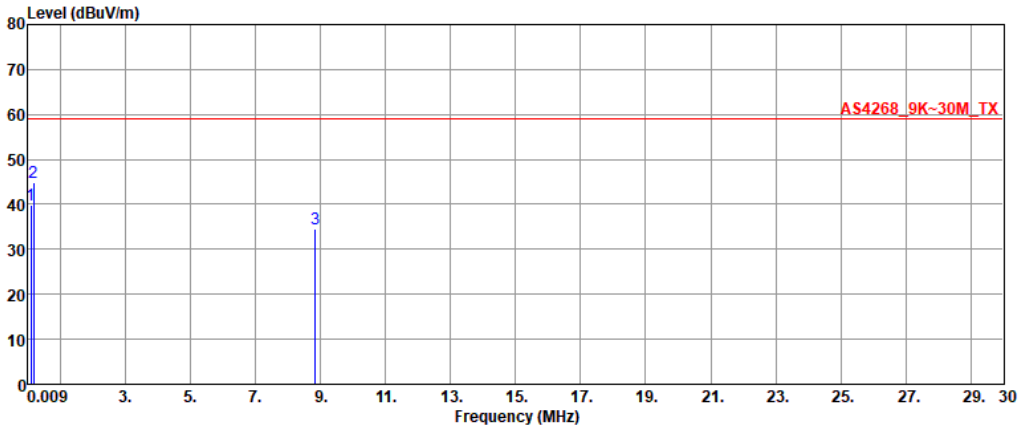
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 2: Dipole 6E_TWX-100BRS3B

Emissions (≤ 30MHz)

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

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

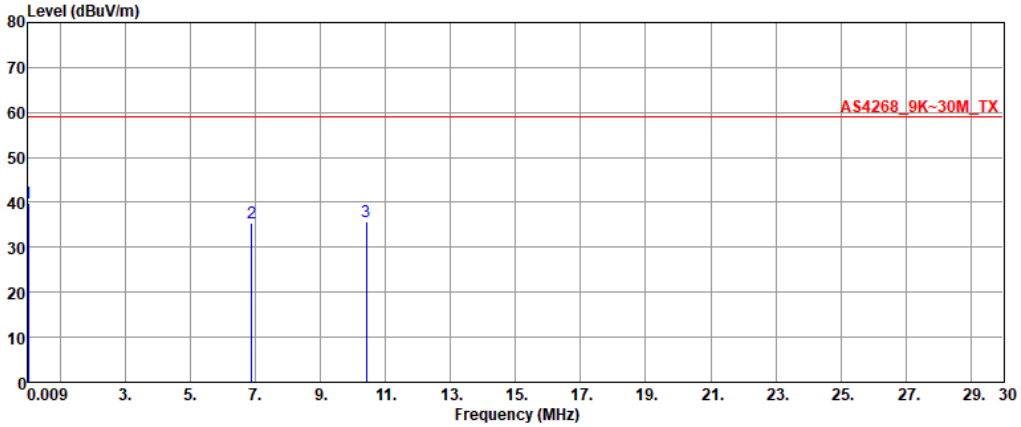


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.10	39.76	59.00	-19.24	18.70	21.06
2	0.18	44.76	59.00	-14.24	19.34	25.42
3	8.84	34.56	59.00	-24.44	20.48	14.08

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

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

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

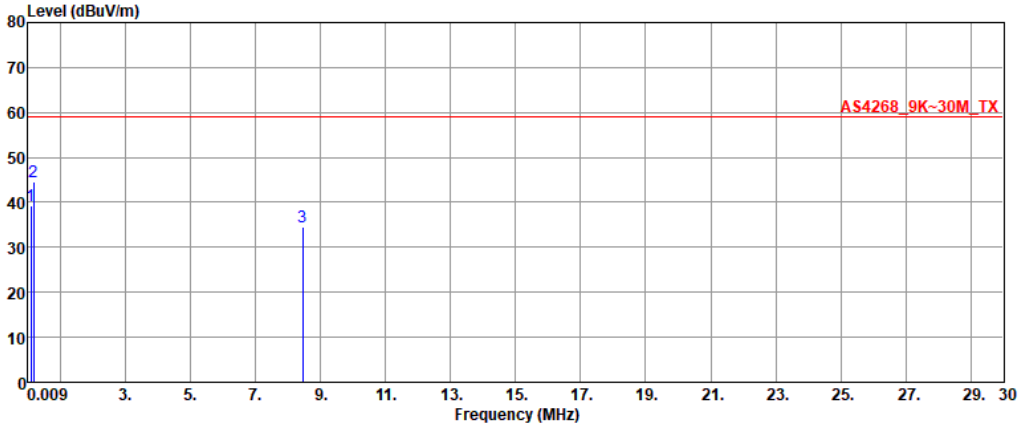


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.01	39.99	59.00	-19.01	18.81	21.18
2	6.88	35.32	59.00	-23.68	20.80	14.52
3	10.42	35.81	59.00	-23.19	21.13	14.68

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)**	5720
Frequency	9kHz~30MHz		

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

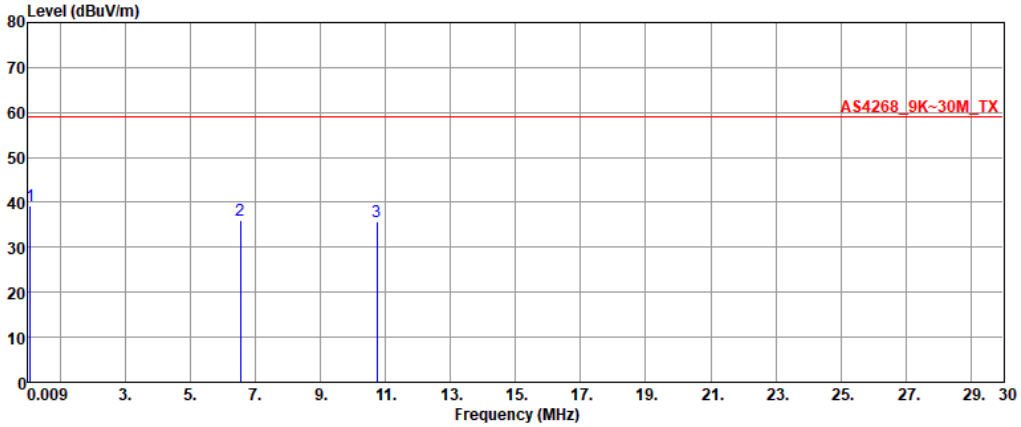


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.10	39.17	59.00	-19.83	18.84	20.33
2	0.18	44.69	59.00	-14.31	19.36	25.33
3	8.46	34.43	59.00	-24.57	20.48	13.95

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	39.32	59.00	-19.68	18.94	20.38
2	6.53	35.93	59.00	-23.07	20.90	15.03
3	10.73	35.87	59.00	-23.13	21.22	14.65

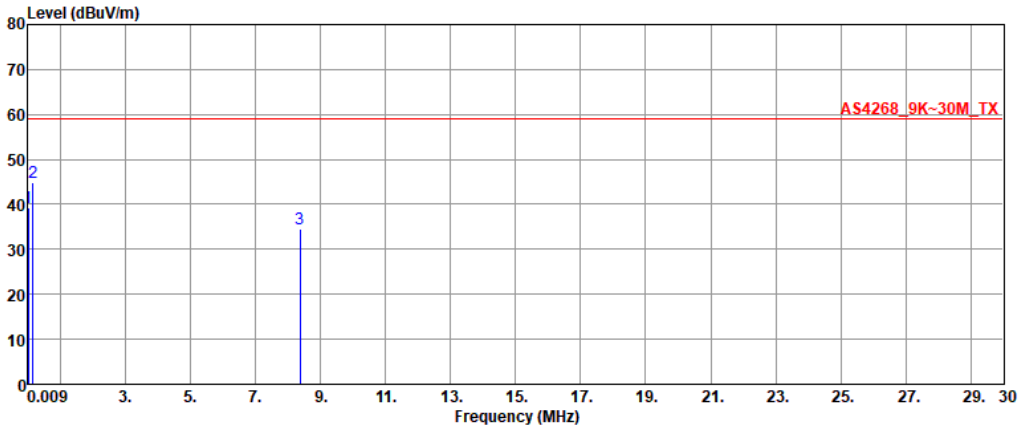
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 3: FlexMIMO 6E_EFD2471A3S-10MH4L

Emissions (≤ 30MHz)

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

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

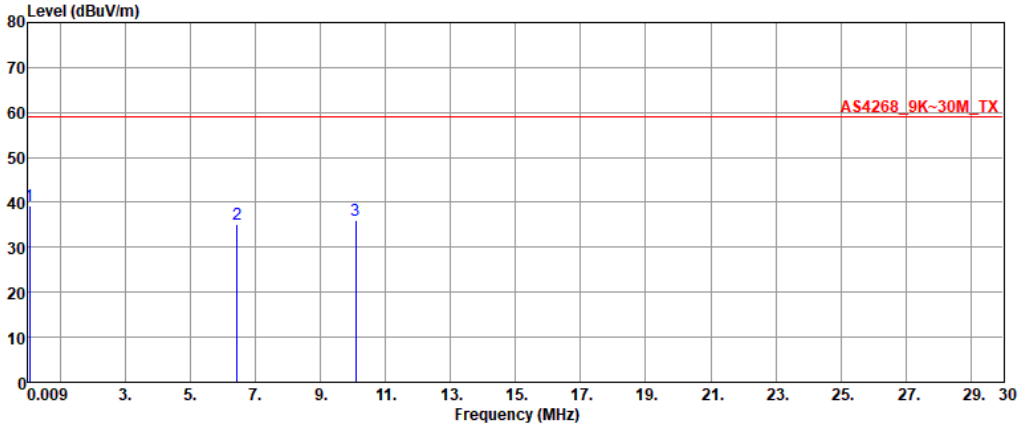


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.29	59.00	-19.71	19.87	19.42
2	0.15	44.87	59.00	-14.13	19.15	25.72
3	8.37	34.52	59.00	-24.48	20.48	14.04

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

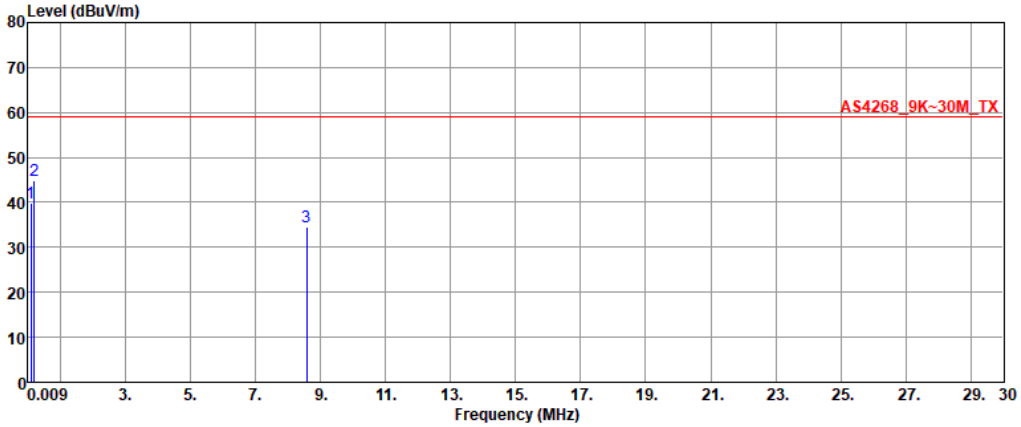


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.37	59.00	-19.63	19.40	19.97
2	6.43	35.12	59.00	-23.88	20.92	14.20
3	10.08	35.99	59.00	-23.01	21.01	14.98

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

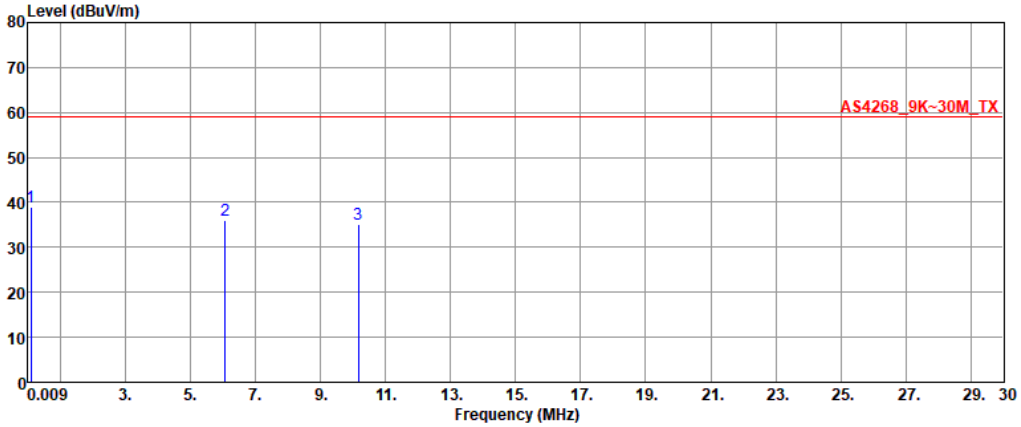


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.87	59.00	-19.13	18.72	21.15
2	0.19	44.85	59.00	-14.15	19.38	25.47
3	8.57	34.44	59.00	-24.56	20.48	13.96

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	0.09	39.03	59.00	-19.97	19.01	20.02
2	6.07	35.91	59.00	-23.09	21.04	14.87
3	10.16	35.06	59.00	-23.94	21.04	14.02

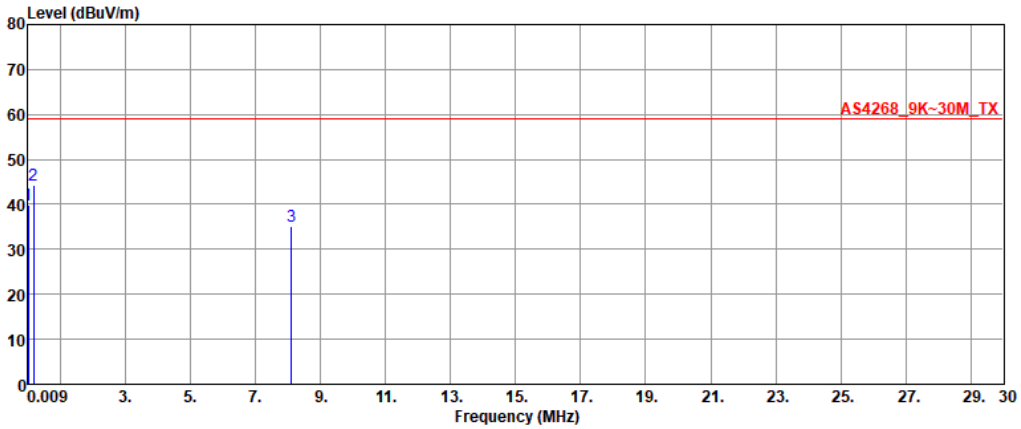
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 4: FlexPIFA 6E_EFB2471A3S-10MH4L

Emissions (≤ 30MHz)

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

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

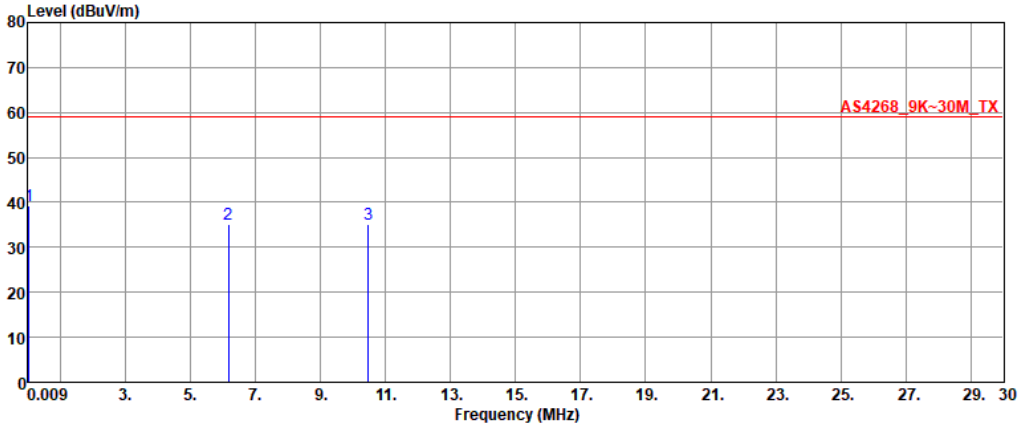


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.72	59.00	-19.28	19.43	20.29
2	0.18	44.23	59.00	-14.77	19.35	24.88
3	8.10	34.99	59.00	-24.01	20.48	14.51

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

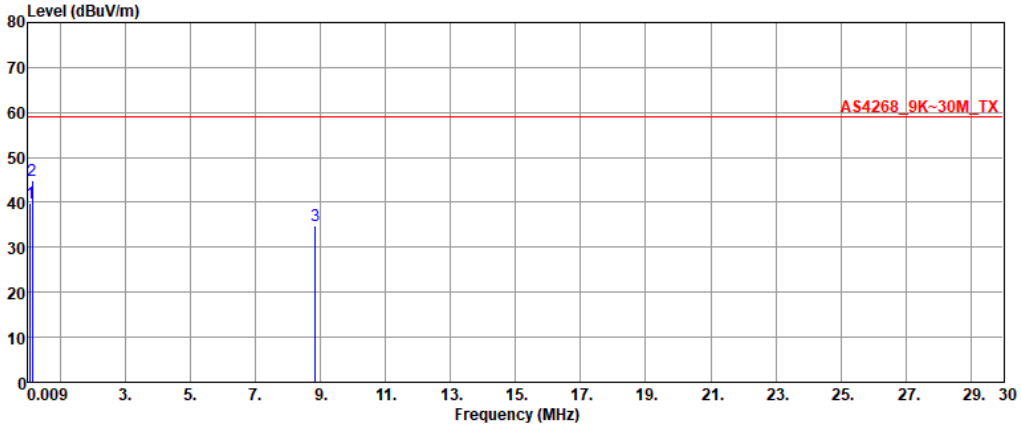


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.16	59.00	-19.84	19.78	19.38
2	6.16	35.23	59.00	-23.77	21.01	14.22
3	10.46	35.13	59.00	-23.87	21.14	13.99

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

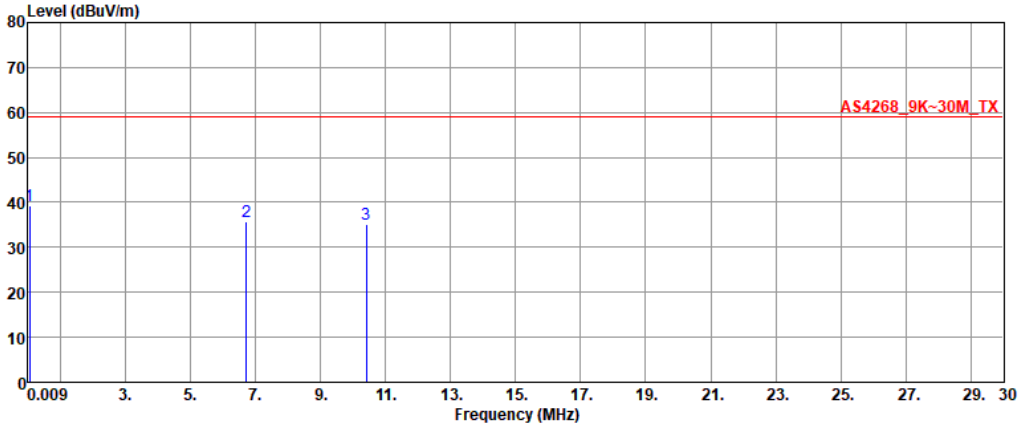


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.81	59.00	-19.19	18.94	20.87
2	0.13	44.82	59.00	-14.18	18.96	25.86
3	8.85	34.93	59.00	-24.07	20.48	14.45

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)**	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	39.17	59.00	-19.83	19.15	20.02
2	6.73	35.75	59.00	-23.25	20.84	14.91
3	10.42	35.13	59.00	-23.87	21.13	14.00

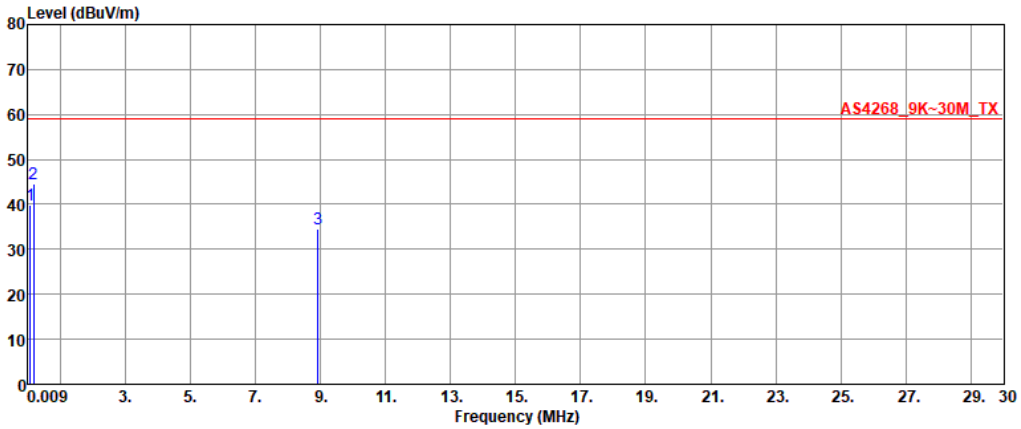
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 5: FlexPIFA Dual Band_001-0021

Emissions (≤ 30MHz)

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

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

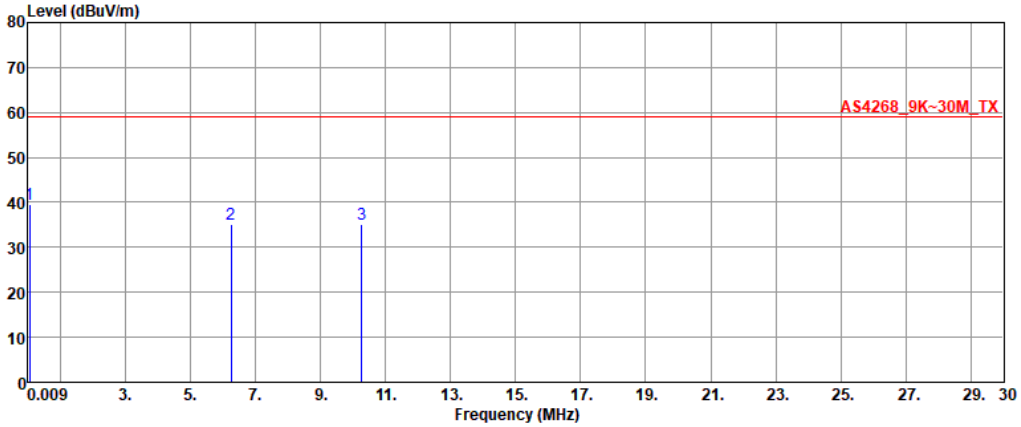


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.73	59.00	-19.27	19.01	20.72
2	0.17	44.48	59.00	-14.52	19.25	25.23
3	8.93	34.48	59.00	-24.52	20.48	14.00

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

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

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

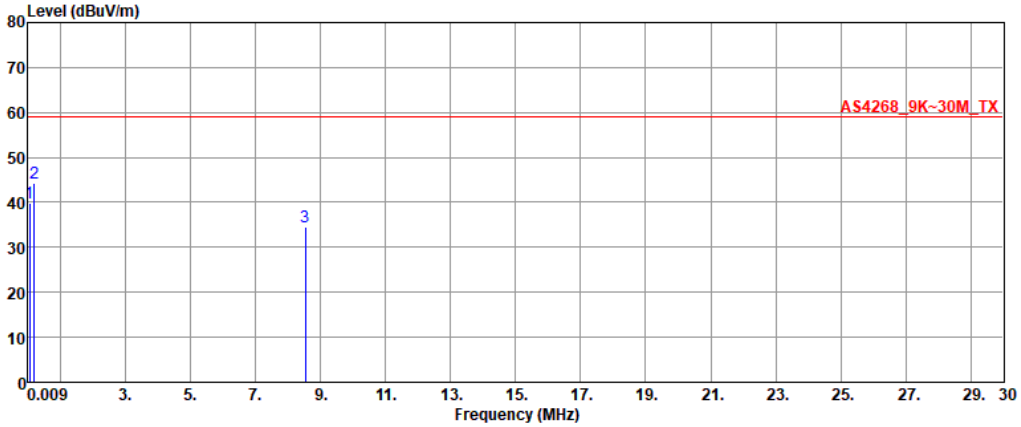


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.63	59.00	-19.37	19.47	20.16
2	6.26	35.20	59.00	-23.80	20.98	14.22
3	10.26	35.21	59.00	-23.79	21.07	14.14

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

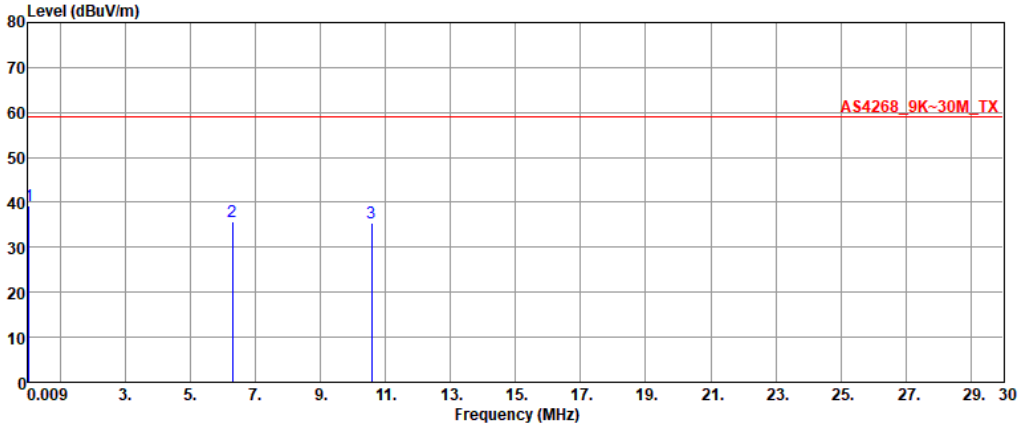


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.94	59.00	-19.06	19.05	20.89
2	0.20	44.26	59.00	-14.74	19.45	24.81
3	8.53	34.46	59.00	-24.54	20.48	13.98

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	39.16	59.00	-19.84	19.98	19.18
2	6.29	35.73	59.00	-23.27	20.97	14.76
3	10.57	35.31	59.00	-23.69	21.17	14.14

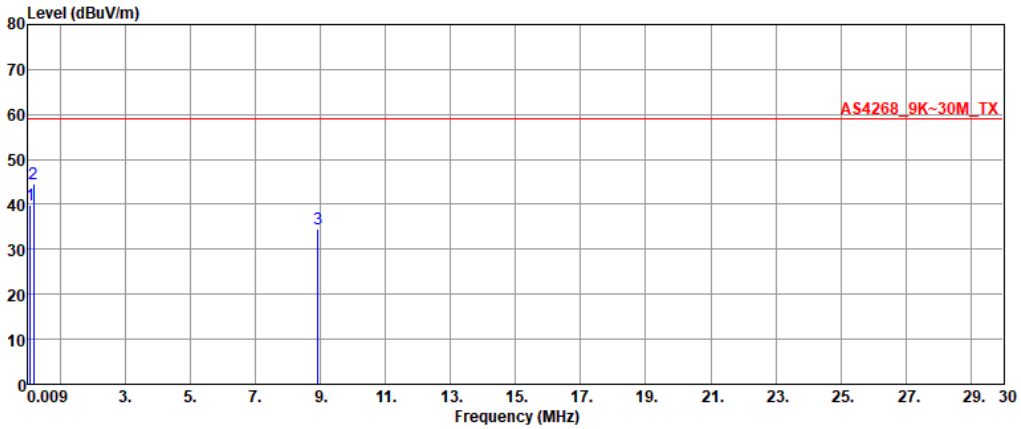
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 6: FlexPIFA Dual Band_EFB2455A3S-15MH4L

Emissions (≤ 30MHz)

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

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

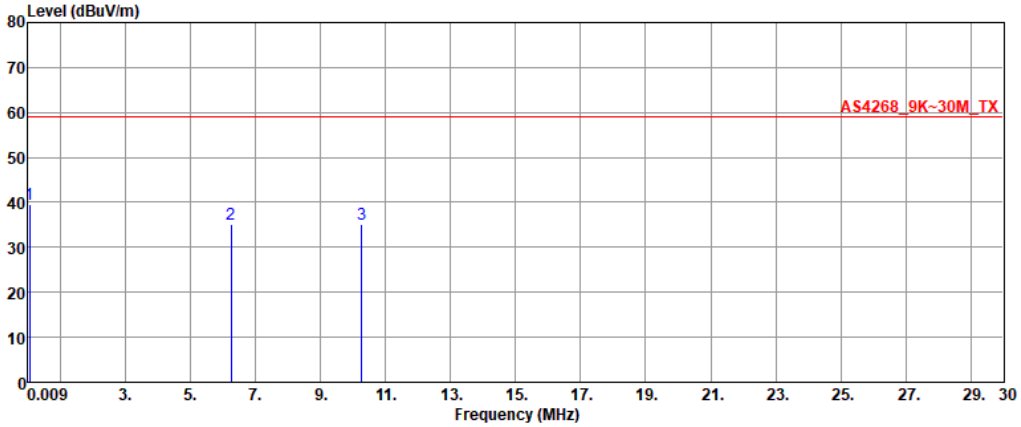


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.73	59.00	-19.27	19.01	20.72
2	0.17	44.48	59.00	-14.52	19.25	25.23
3	8.93	34.48	59.00	-24.52	20.48	14.00

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

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

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

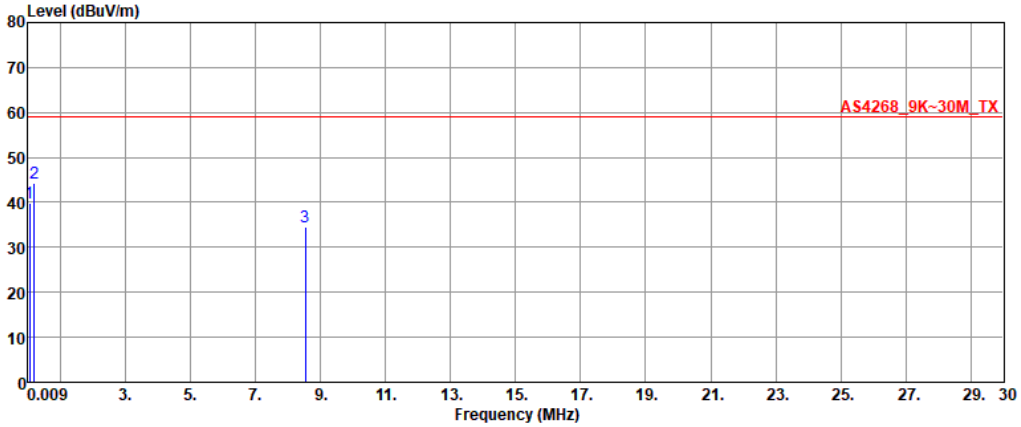


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.63	59.00	-19.37	19.47	20.16
2	6.26	35.20	59.00	-23.80	20.98	14.22
3	10.26	35.21	59.00	-23.79	21.07	14.14

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

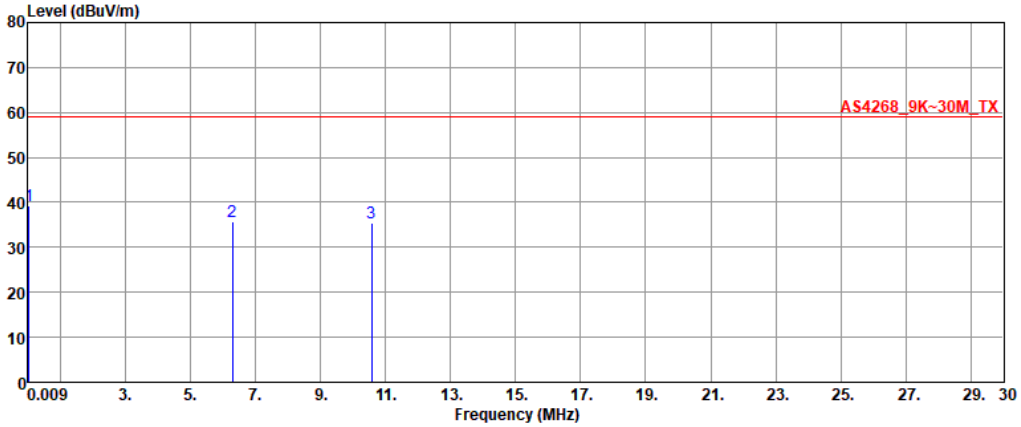


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.94	59.00	-19.06	19.05	20.89
2	0.20	44.26	59.00	-14.74	19.45	24.81
3	8.53	34.46	59.00	-24.54	20.48	13.98

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	39.16	59.00	-19.84	19.98	19.18
2	6.29	35.73	59.00	-23.27	20.97	14.76
3	10.57	35.31	59.00	-23.69	21.17	14.14

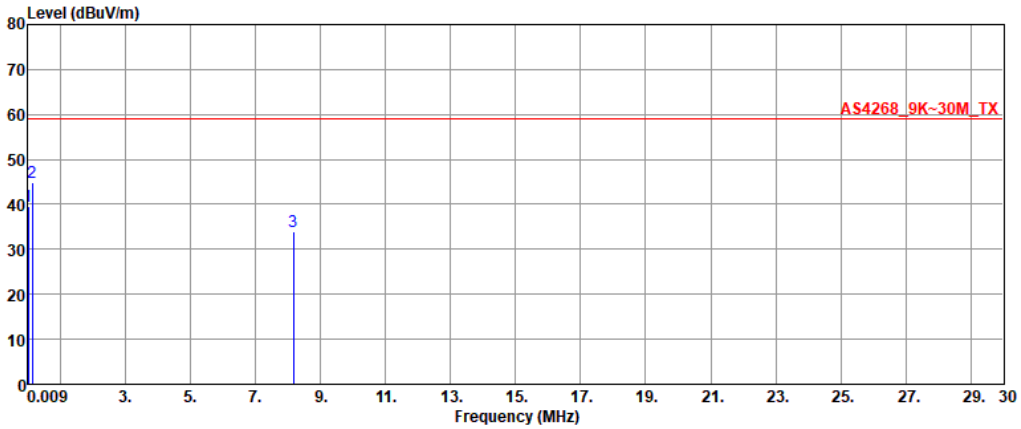
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 7: Mini NanoBlade Flex 6GHz_EMF2471A3S-10MH4L

Emissions (≤ 30MHz)

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

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

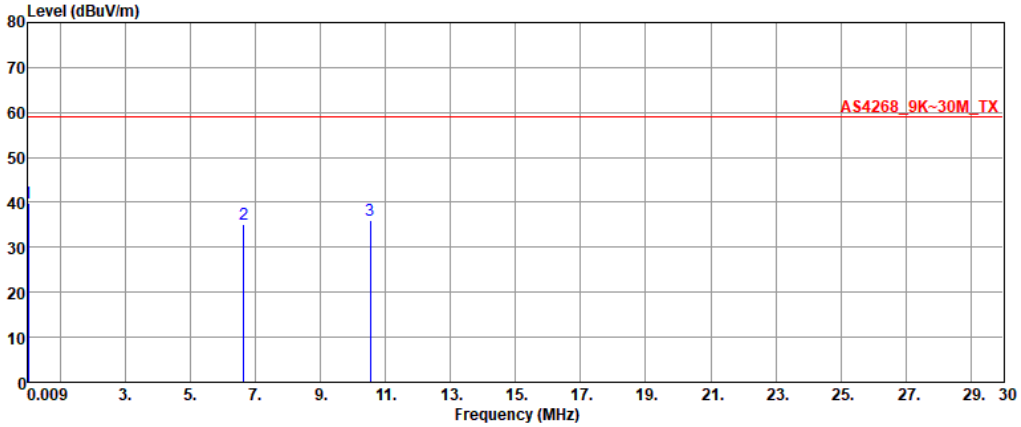


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.43	59.00	-19.57	19.65	19.78
2	0.13	44.73	59.00	-14.27	18.96	25.77
3	8.17	34.03	59.00	-24.97	20.48	13.55

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

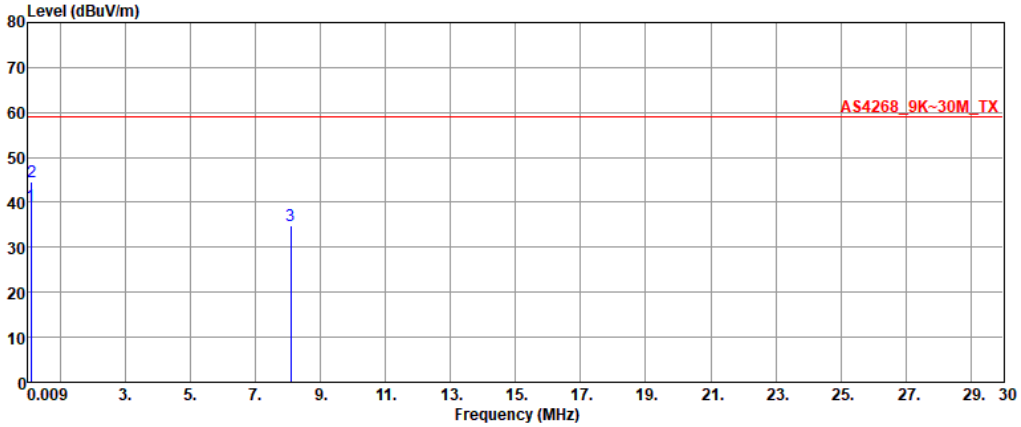


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.01	39.90	59.00	-19.10	18.91	20.99
2	6.63	35.20	59.00	-23.80	20.87	14.33
3	10.54	35.97	59.00	-23.03	21.16	14.81

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

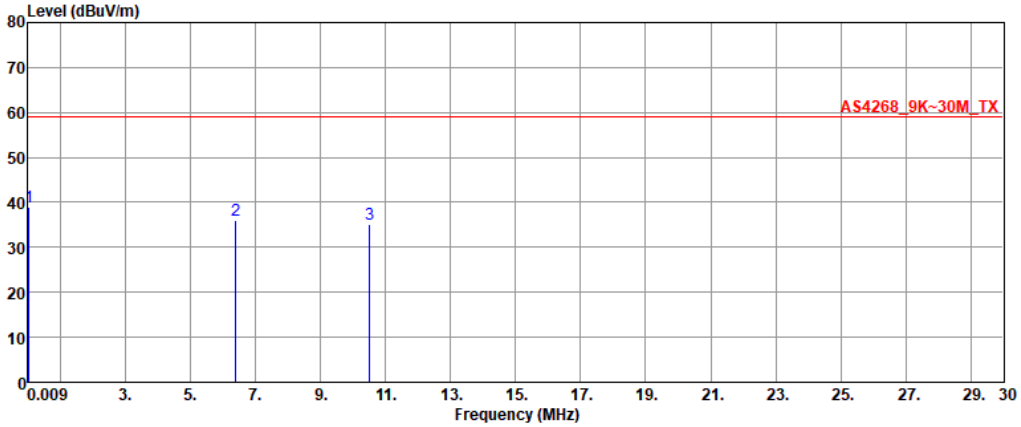


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.16	59.00	-19.84	18.98	20.18
2	0.11	44.48	59.00	-14.52	18.78	25.70
3	8.09	34.91	59.00	-24.09	20.48	14.43

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	39.11	59.00	-19.89	19.78	19.33
2	6.39	35.87	59.00	-23.13	20.94	14.93
3	10.50	35.02	59.00	-23.98	21.15	13.87

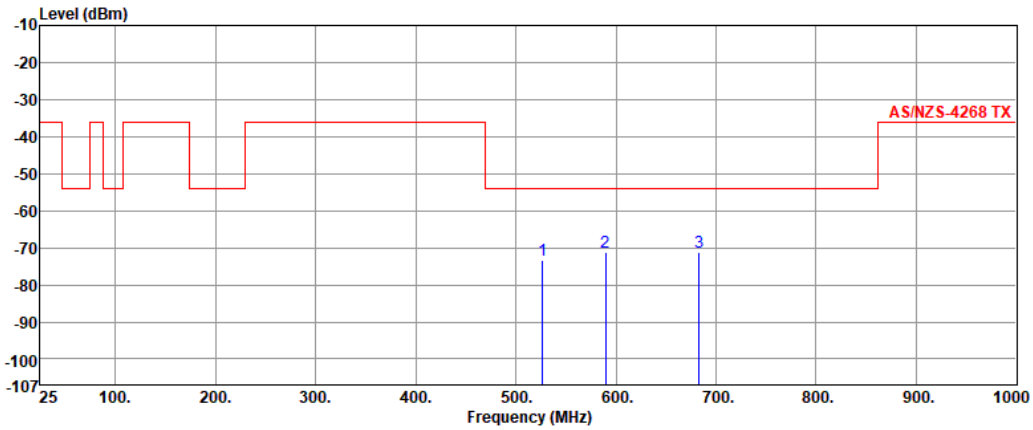
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

full RU configuration

Emissions (25MHz ~ 1GHz)

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

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

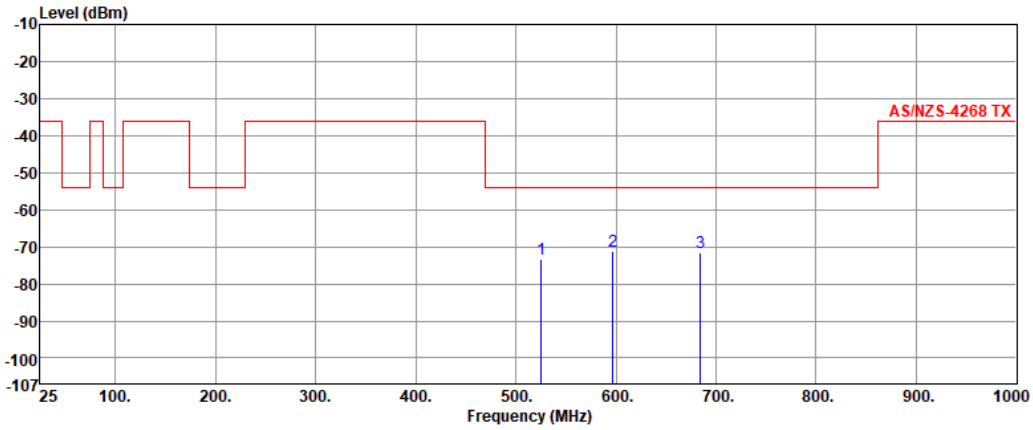


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	526.80	-73.45	-54.00	-19.45	3.19	-76.64
2	589.84	-71.25	-54.00	-17.25	4.86	-76.11
3	682.84	-71.15	-54.00	-17.15	6.18	-77.33

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

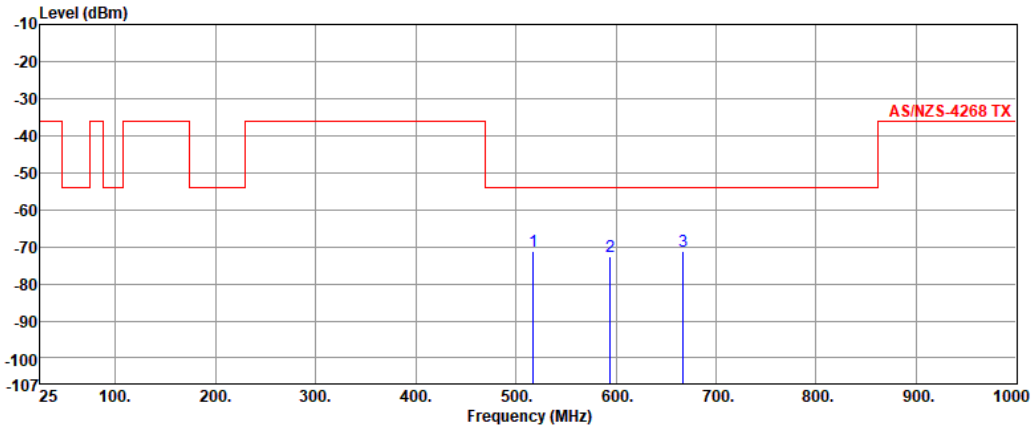


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	525.14	-73.21	-54.00	-19.21	3.31	-76.52
2	596.84	-71.14	-54.00	-17.14	4.96	-76.10
3	684.45	-71.41	-54.00	-17.41	6.34	-77.75

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

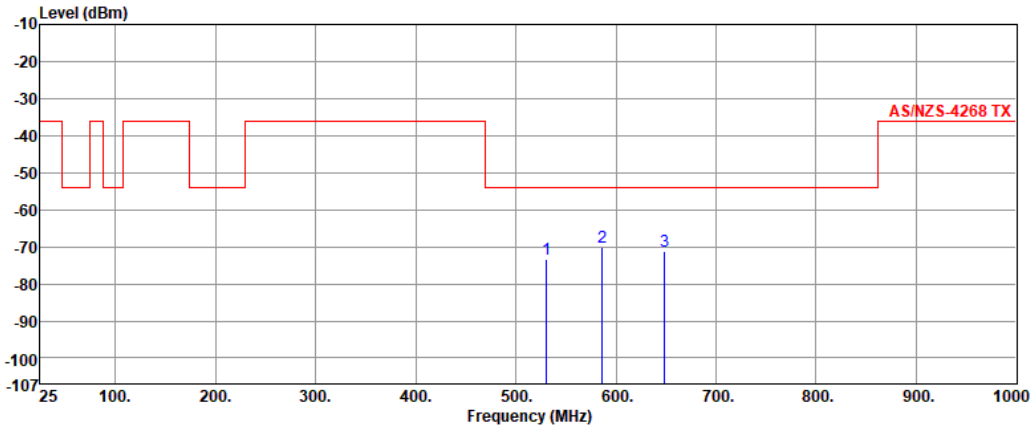


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	517.54	-71.26	-54.00	-17.26	3.21	-74.47
2	594.48	-72.47	-54.00	-18.47	4.89	-77.36
3	667.40	-71.36	-54.00	-17.36	5.66	-77.02

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

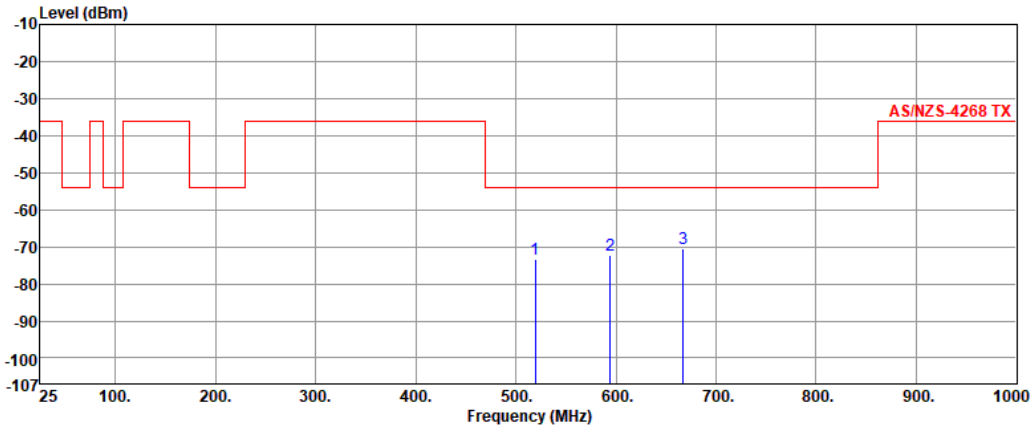


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	530.45	-73.41	-54.00	-19.41	3.49	-76.90
2	586.45	-70.23	-54.00	-16.23	4.76	-74.99
3	648.71	-71.12	-54.00	-17.12	5.28	-76.40

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

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

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

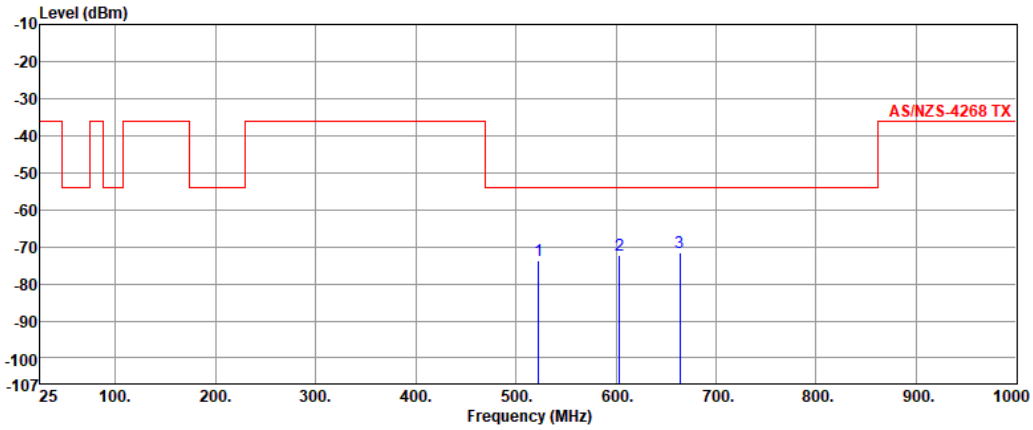


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	519.25	-73.45	-54.00	-19.45	3.36	-76.81
2	594.41	-72.45	-54.00	-18.45	4.89	-77.34
3	667.54	-70.34	-54.00	-16.34	5.66	-76.00

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

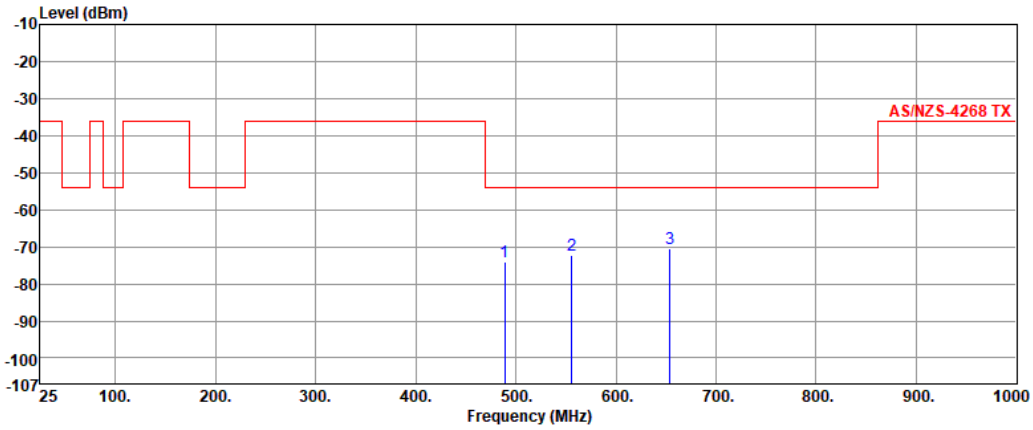


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	522.87	-73.65	-54.00	-19.65	3.40	-77.05
2	603.54	-72.45	-54.00	-18.45	5.24	-77.69
3	663.78	-71.65	-54.00	-17.65	5.42	-77.07

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

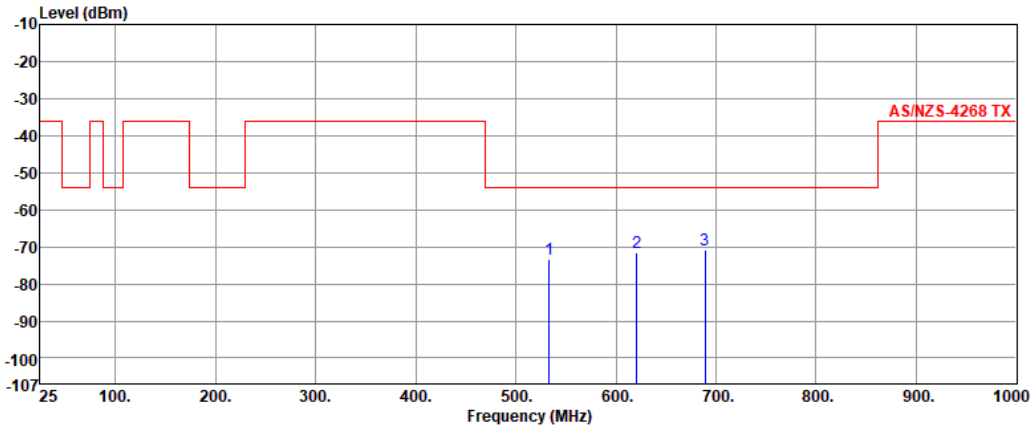


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	488.78	-74.16	-54.00	-20.16	2.21	-76.37
2	555.89	-72.45	-54.00	-18.45	3.76	-76.21
3	653.78	-70.45	-54.00	-16.45	5.74	-76.19

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

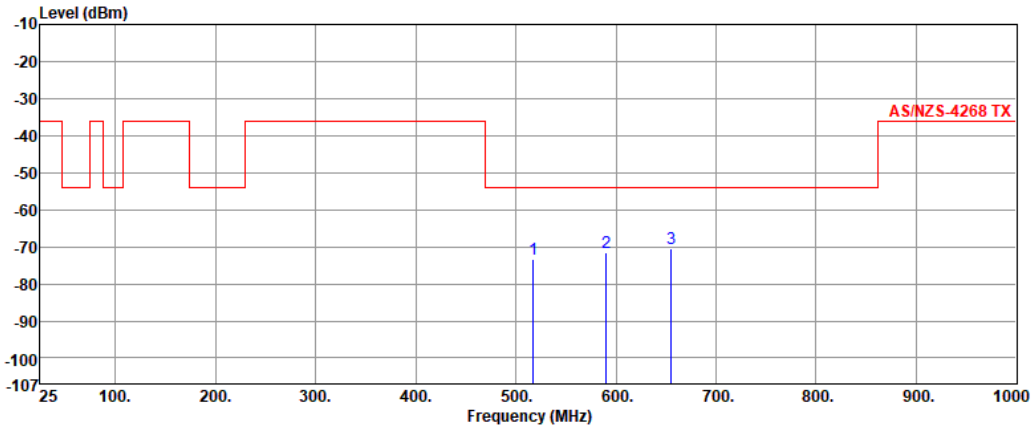


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	533.45	-73.45	-54.00	-19.45	3.52	-76.97
2	620.95	-71.74	-54.00	-17.74	5.18	-76.92
3	689.35	-70.84	-54.00	-16.84	6.25	-77.09

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

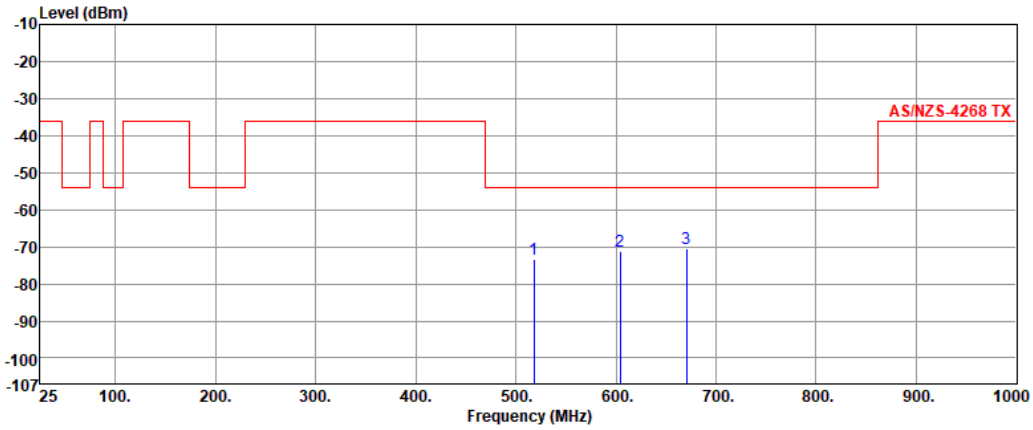


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	517.54	-73.42	-54.00	-19.42	3.21	-76.63
2	590.54	-71.47	-54.00	-17.47	4.86	-76.33
3	655.54	-70.45	-54.00	-16.45	5.78	-76.23

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)**	5785
Polarization	Vertical		

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

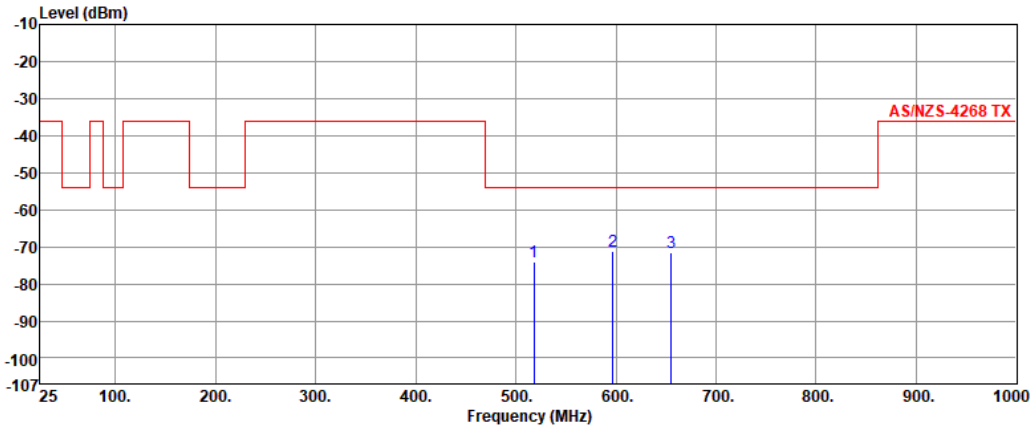


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	518.45	-73.35	-54.00	-19.35	3.37	-76.72
2	604.48	-71.33	-54.00	-17.33	5.25	-76.58
3	670.58	-70.41	-54.00	-16.41	5.71	-76.12

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

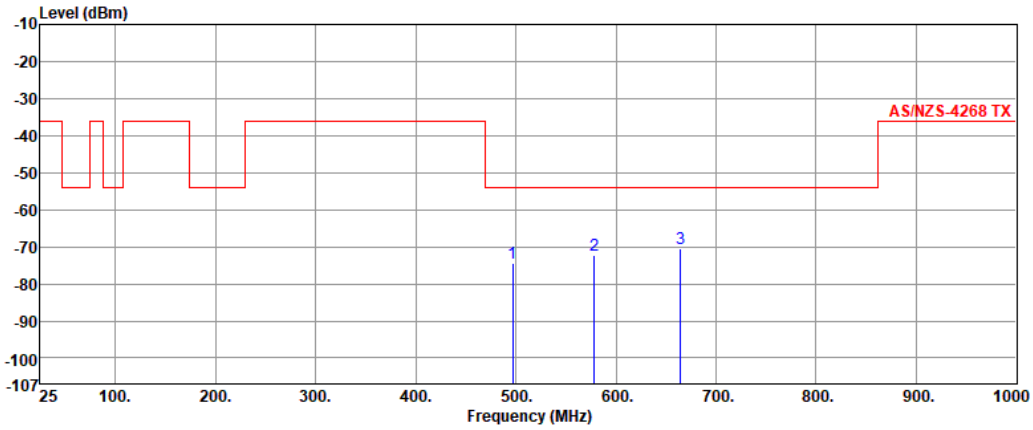


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	517.85	-73.95	-54.00	-19.95	3.23	-77.18
2	596.85	-71.25	-54.00	-17.25	4.88	-76.13
3	655.40	-71.47	-54.00	-17.47	5.78	-77.25

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



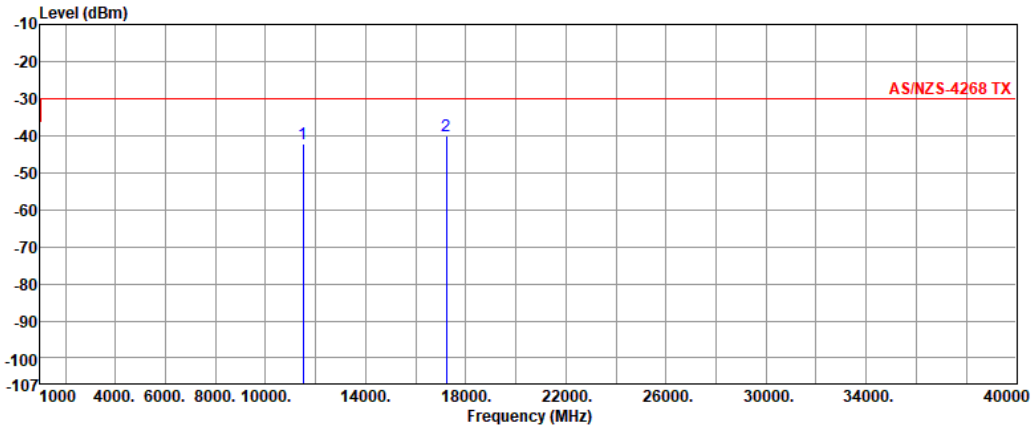
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	496.87	-74.57	-54.00	-20.57	2.65	-77.22
2	578.47	-72.35	-54.00	-18.35	4.69	-77.04
3	664.78	-70.33	-54.00	-16.33	5.41	-75.74

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

Emissions (Above 1GHz)

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

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

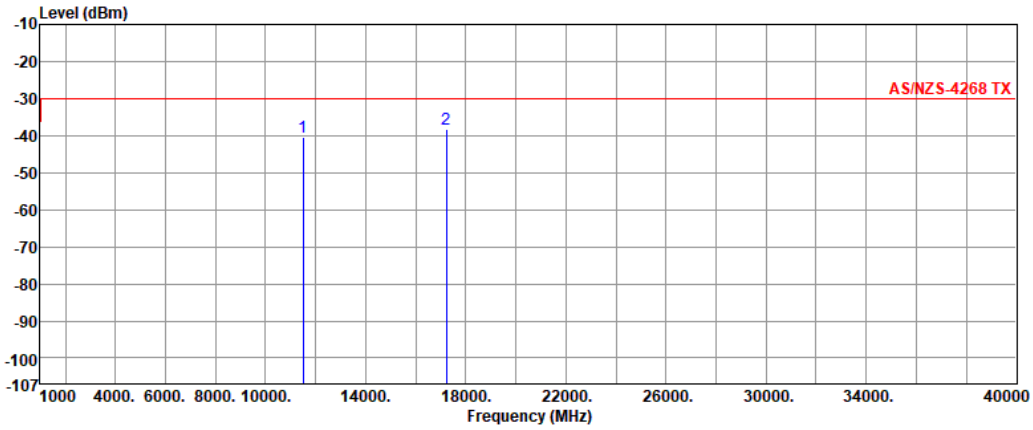


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11489.20	-42.14	-30.00	-12.14	21.60	-63.74
2	17236.40	-40.21	-30.00	-10.21	23.66	-63.87

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

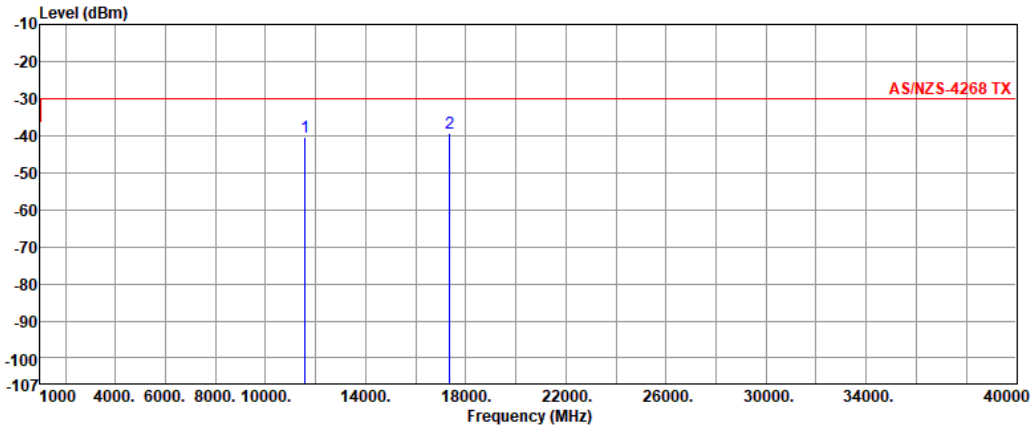


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11488.50	-40.35	-30.00	-10.35	20.74	-61.09
2	17232.43	-38.29	-30.00	-8.29	23.85	-62.14

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

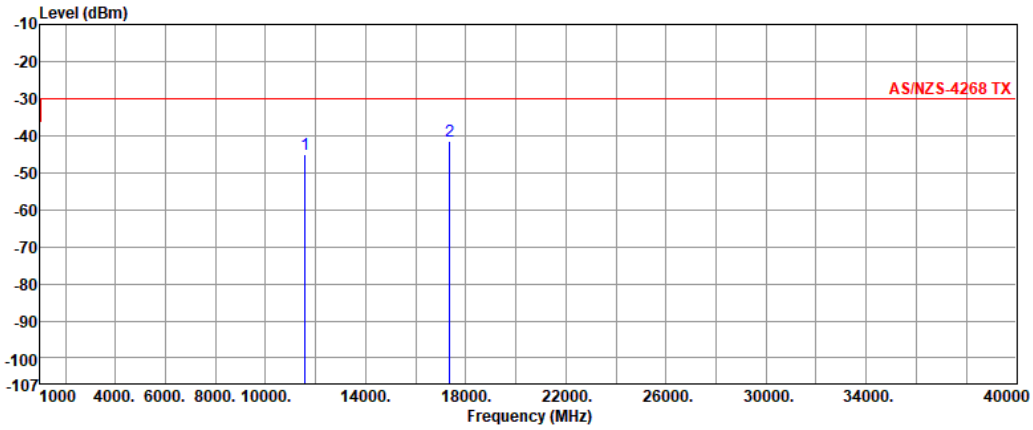


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11573.75	-40.50	-30.00	-10.50	21.53	-62.03
2	17355.65	-39.40	-30.00	-9.40	25.16	-64.56

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

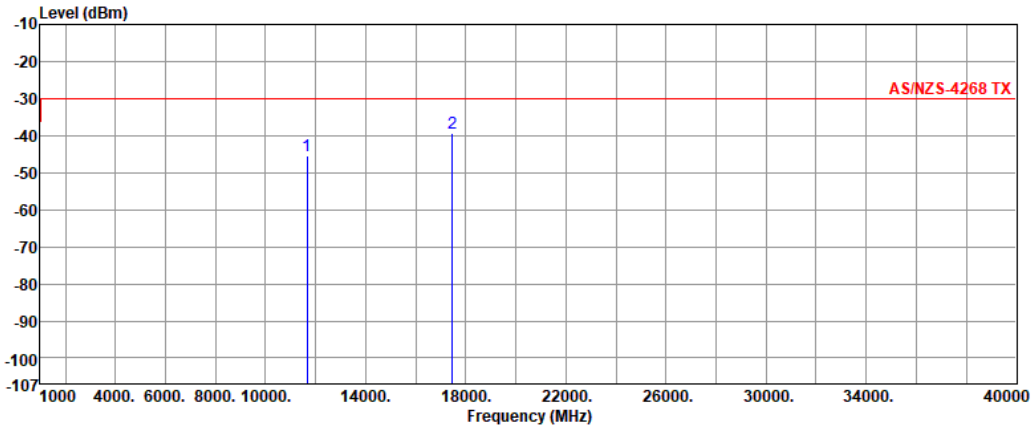


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11570.45	-45.13	-30.00	-15.13	20.47	-65.60
2	17357.15	-41.47	-30.00	-11.47	24.80	-66.27

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

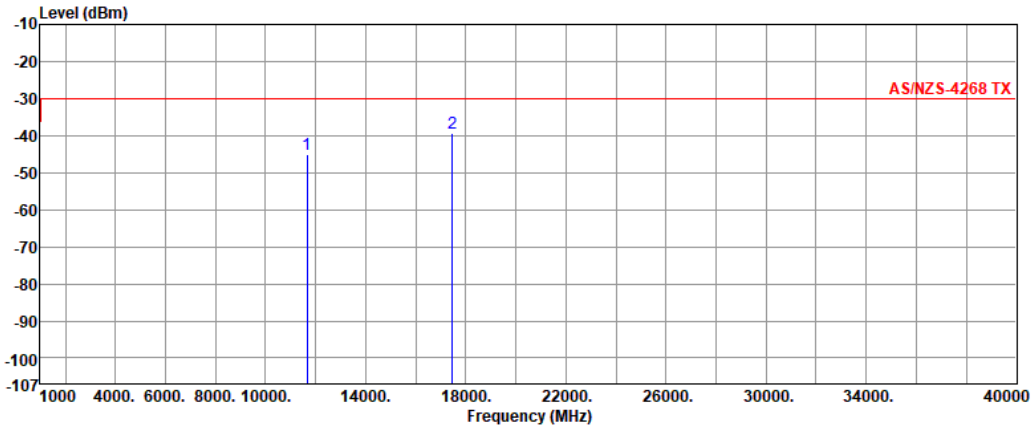


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11650.70	-45.27	-30.00	-15.27	20.29	-65.56
2	17475.85	-39.22	-30.00	-9.22	25.34	-64.56

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

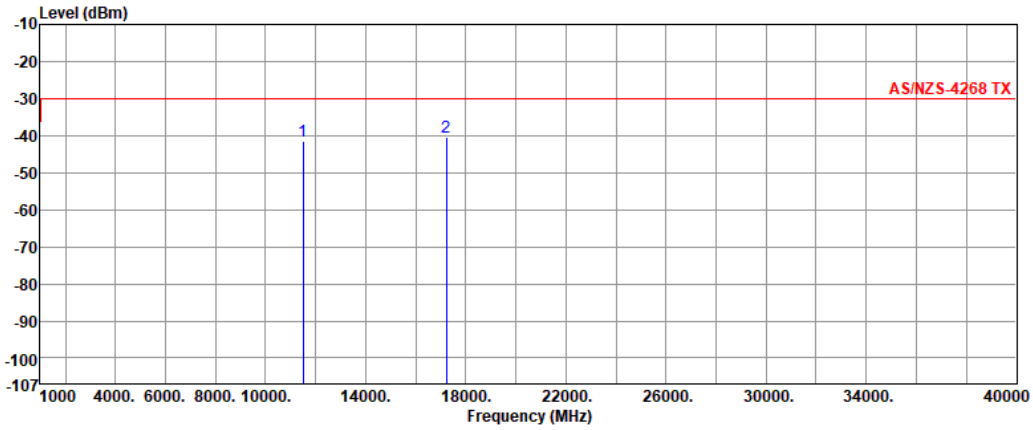


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11651.45	-44.95	-30.00	-14.95	20.59	-65.54
2	17475.10	-39.49	-30.00	-9.49	25.12	-64.61

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)**	5745
Polarization	Horizontal		

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

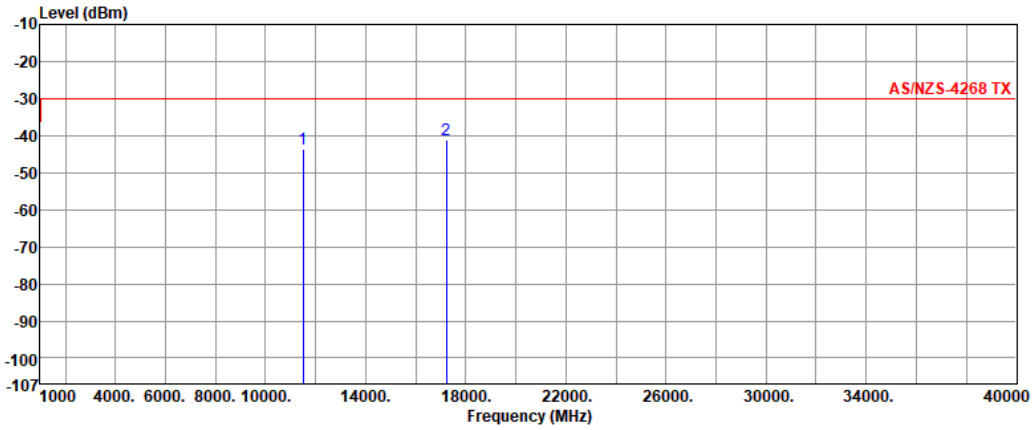


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11490.65	-41.62	-30.00	-11.62	21.59	-63.21
2	17234.10	-40.29	-30.00	-10.29	23.64	-63.93

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

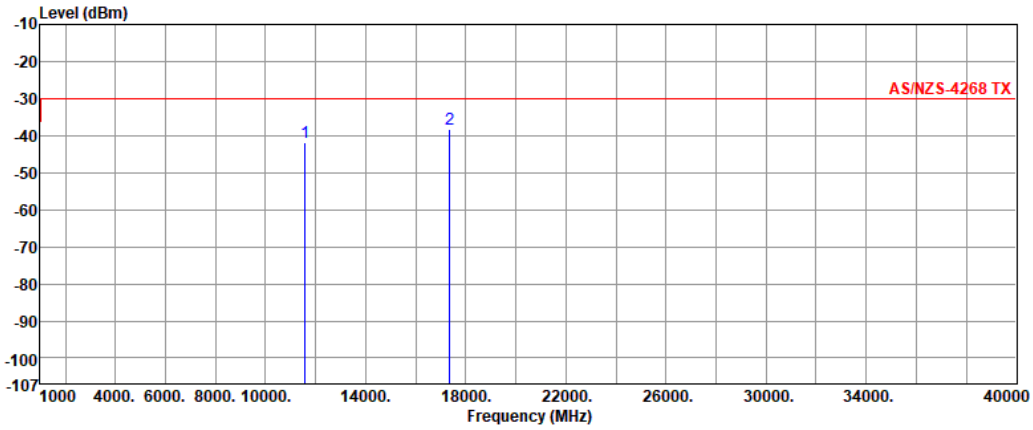


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11490.05	-43.69	-30.00	-13.69	20.73	-64.42
2	17235.15	-40.99	-30.00	-10.99	23.89	-64.88

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

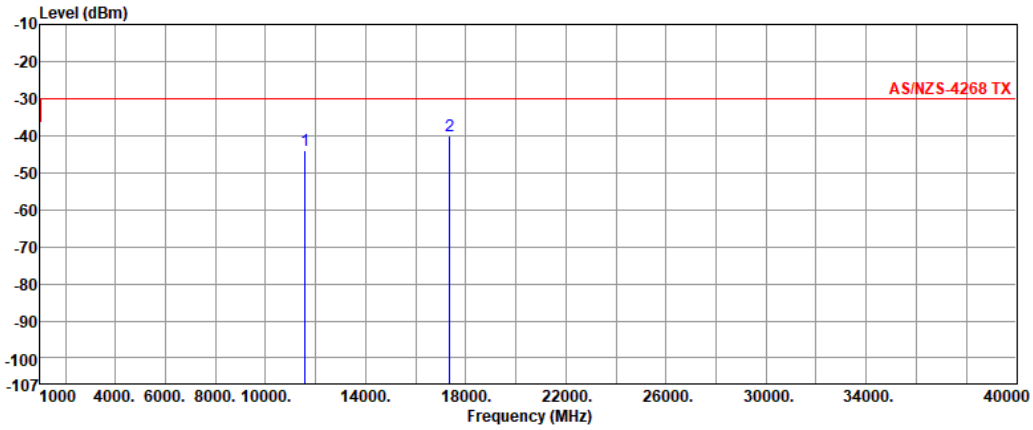


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11570.85	-41.71	-30.00	-11.71	21.53	-63.24
2	17354.30	-38.30	-30.00	-8.30	25.14	-63.44

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

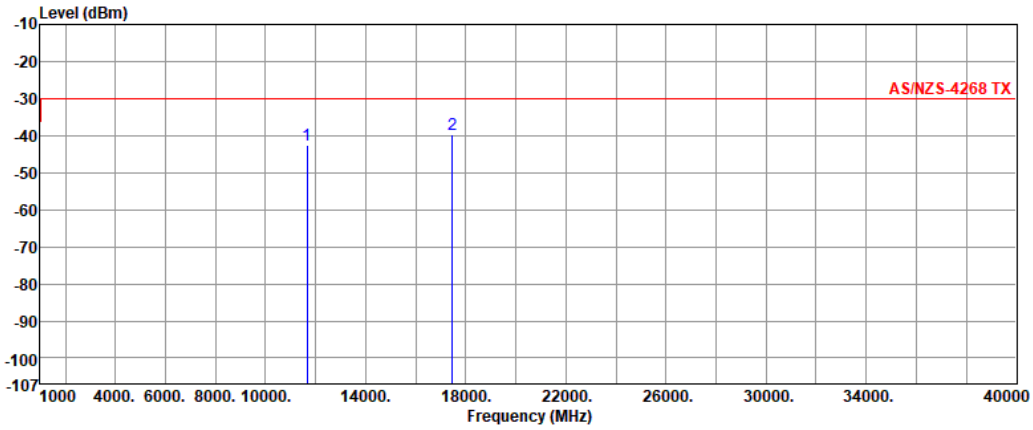


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11570.20	-44.17	-30.00	-14.17	20.47	-64.64
2	17354.90	-39.96	-30.00	-9.96	24.80	-64.76

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

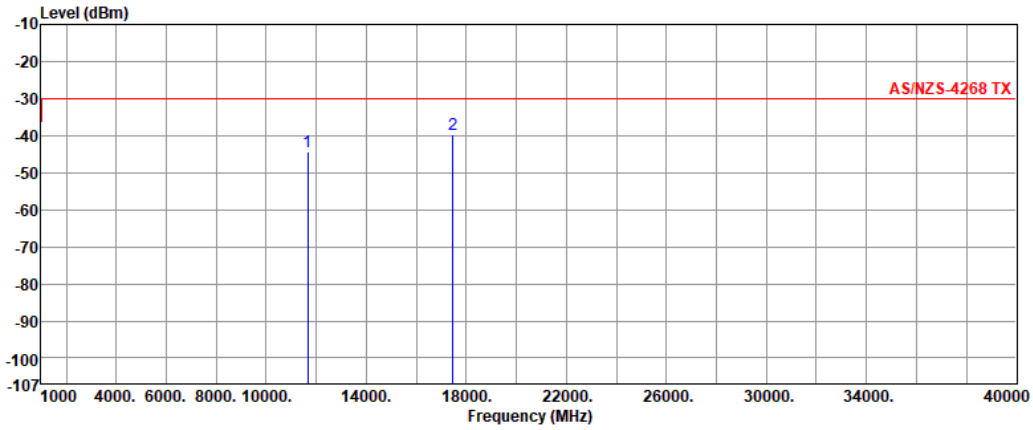


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11651.80	-42.50	-30.00	-12.50	20.27	-62.77
2	17476.05	-39.55	-30.00	-9.55	25.34	-64.89

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	11650.70	-44.33	-30.00	-14.33	20.59	-64.92
2	17474.85	-39.84	-30.00	-9.84	25.12	-64.96

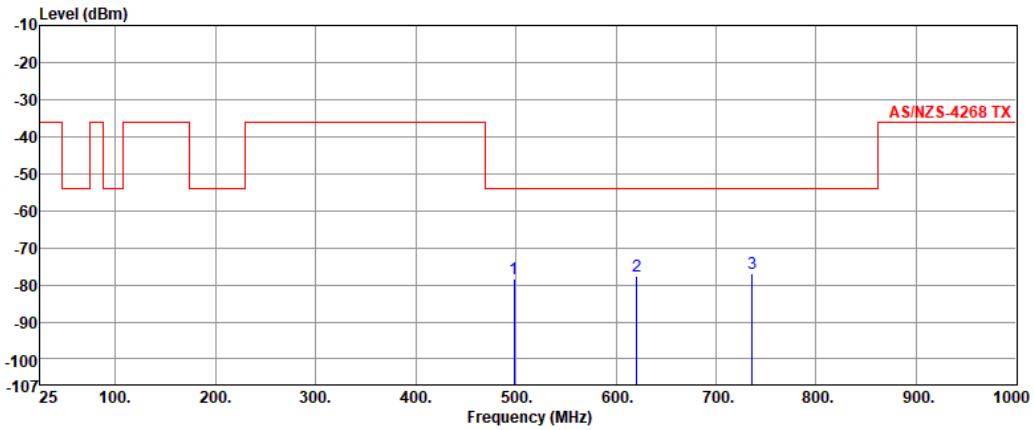
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

full RU configuration

Emissions (25MHz ~ 1GHz)

Modulation	11a
Test Freq. (MHz)	5745

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

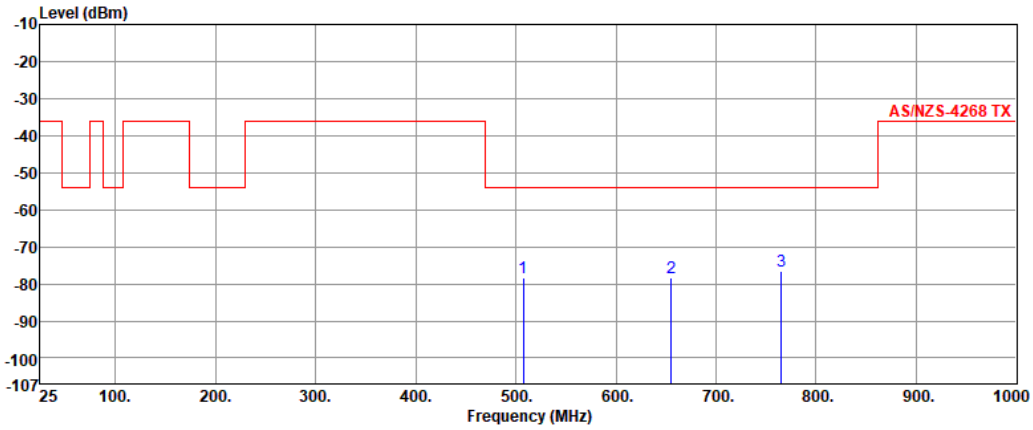


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	498.51	-78.44	-54.00	-24.44	0.00	-78.44
2	620.73	-77.73	-54.00	-23.73	0.00	-77.73
3	736.16	-76.90	-54.00	-22.90	0.00	-76.90

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

Modulation	11a
Test Freq. (MHz)	5785

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

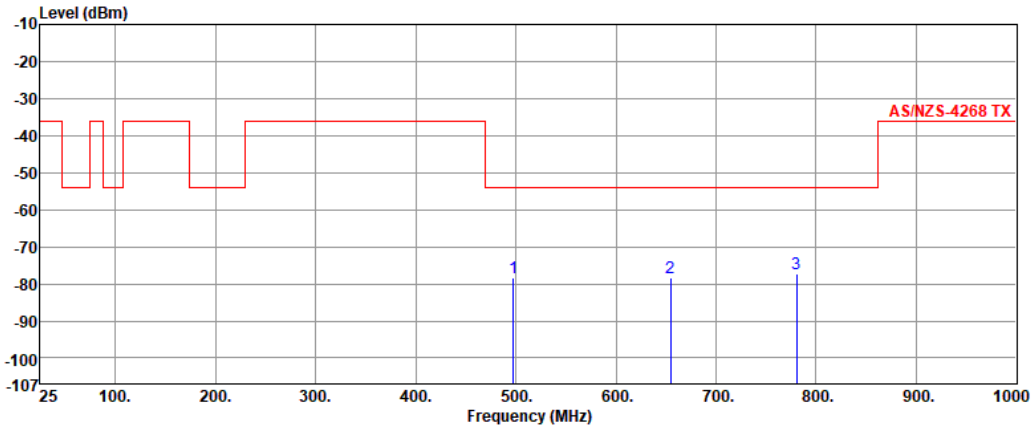


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	507.24	-78.54	-54.00	-24.54	0.00	-78.54
2	655.65	-78.32	-54.00	-24.32	0.00	-78.32
3	765.26	-76.64	-54.00	-22.64	0.00	-76.64

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

Modulation	11a
Test Freq. (MHz)	5825

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

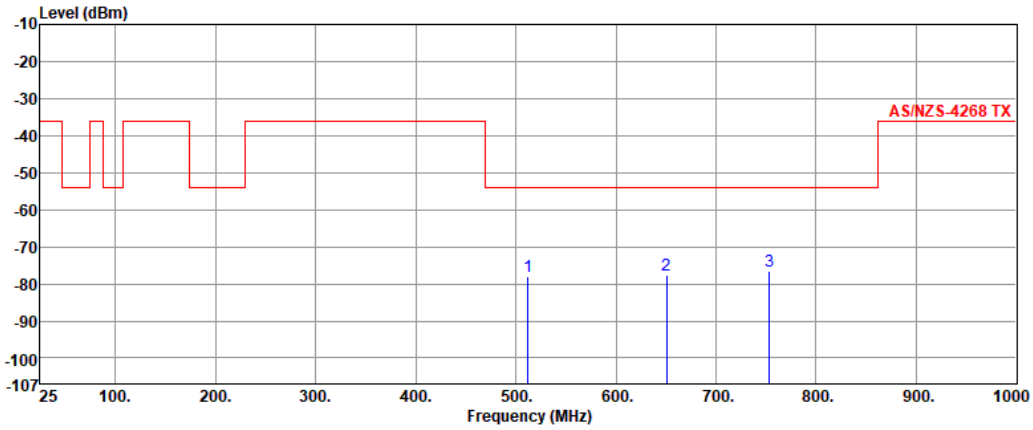


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	497.54	-78.23	-54.00	-24.23	0.00	-78.23
2	654.68	-78.44	-54.00	-24.44	0.00	-78.44
3	780.78	-77.38	-54.00	-23.38	0.00	-77.38

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

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

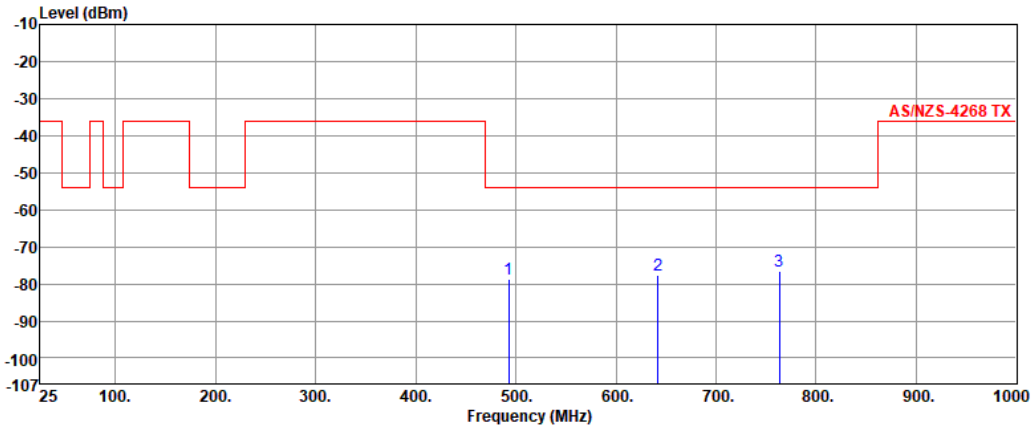


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	512.09	-77.96	-54.00	-23.96	0.00	-77.96
2	650.80	-77.78	-54.00	-23.78	0.00	-77.78
3	753.62	-76.60	-54.00	-22.60	0.00	-76.60

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)	5785

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

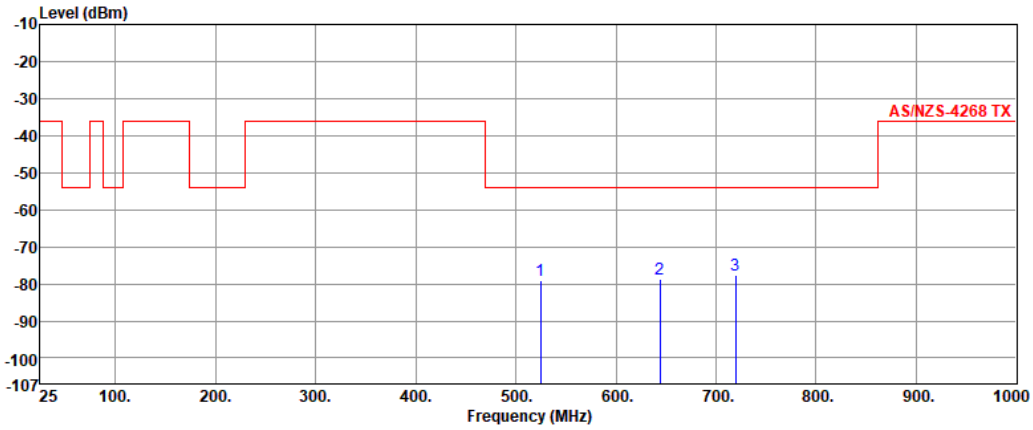


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	492.69	-78.84	-54.00	-24.84	0.00	-78.84
2	642.07	-77.77	-54.00	-23.77	0.00	-77.77
3	763.32	-76.72	-54.00	-22.72	0.00	-76.72

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

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



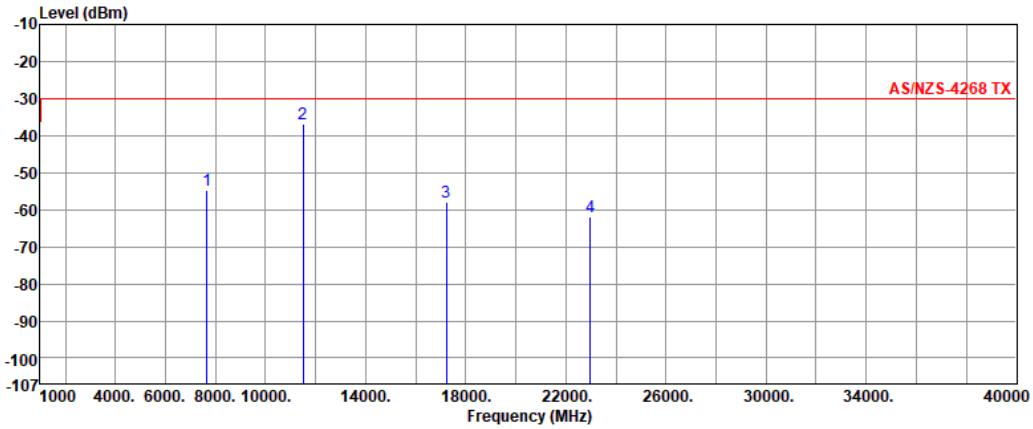
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	524.70	-78.99	-54.00	-24.99	0.00	-78.99
2	644.01	-78.86	-54.00	-24.86	0.00	-78.86
3	719.67	-77.78	-54.00	-23.78	0.00	-77.78

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

Emissions (Above 1GHz)

Modulation	11a
Test Freq. (MHz)	5745

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

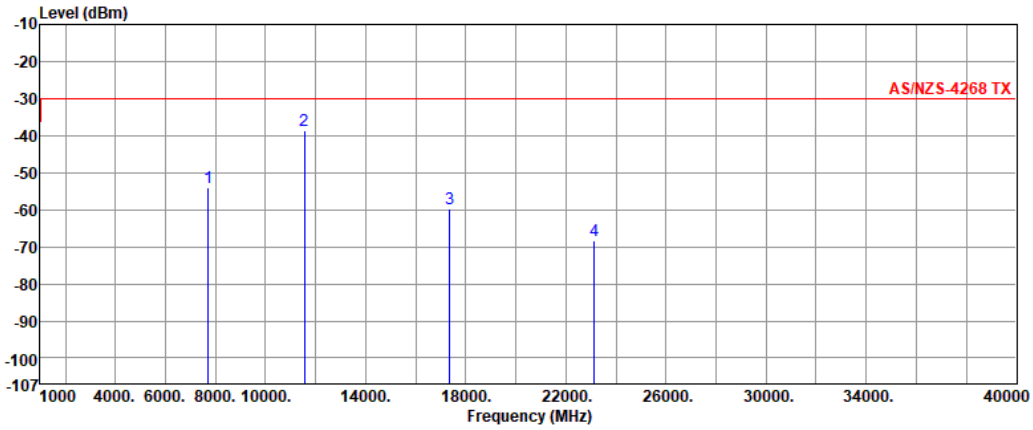


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7659.85	-54.69	-30.00	-24.69	0.00	-54.69
2	11486.90	-36.98	-30.00	-6.98	0.00	-36.98
3	17234.10	-57.80	-30.00	-27.80	0.00	-57.80
4	22978.80	-61.74	-30.00	-31.74	0.00	-61.74

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

Modulation	11a
Test Freq. (MHz)	5785

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

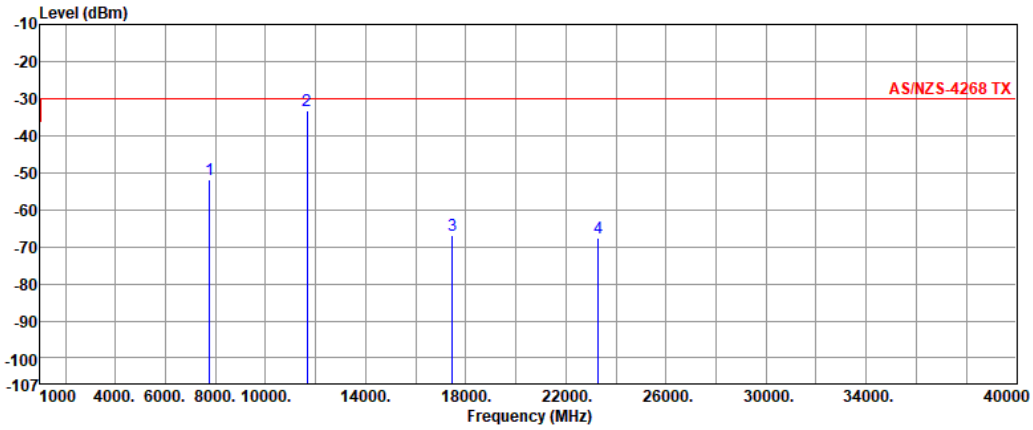


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7713.47	-53.91	-30.00	-23.91	0.00	-53.91
2	11563.60	-38.71	-30.00	-8.71	0.00	-38.71
3	17352.00	-59.62	-30.00	-29.62	0.00	-59.62
4	23131.40	-68.28	-30.00	-38.28	0.00	-68.28

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

Modulation	11a
Test Freq. (MHz)	5825

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

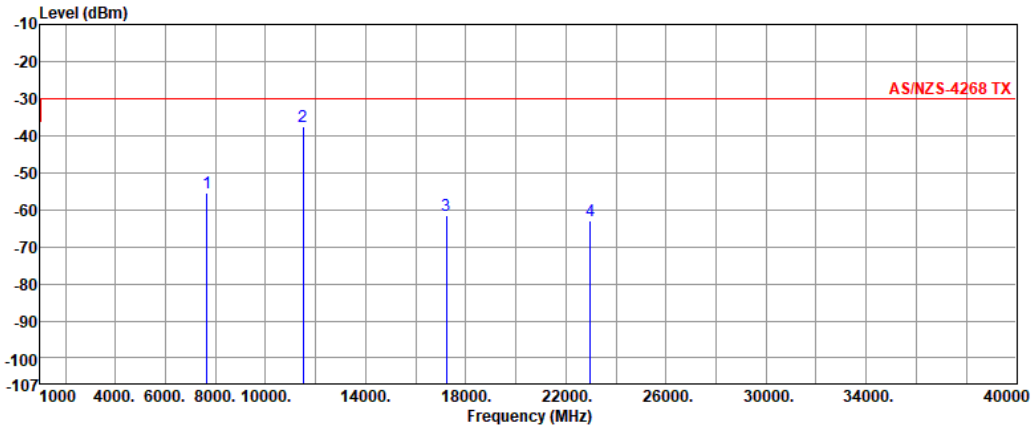


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7765.02	-51.77	-30.00	-21.77	0.00	-51.77
2	11650.80	-33.21	-30.00	-3.21	0.00	-33.21
3	17474.40	-66.85	-30.00	-36.85	0.00	-66.85
4	23302.59	-67.56	-30.00	-37.56	0.00	-67.56

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

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

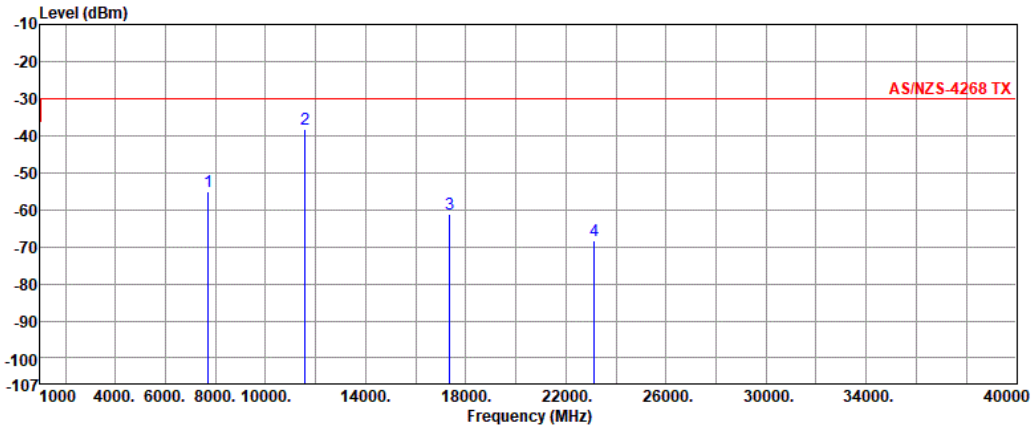


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7660.35	-55.34	-30.00	-25.34	0.00	-55.34
2	11488.80	-37.51	-30.00	-7.51	0.00	-37.51
3	17234.10	-61.54	-30.00	-31.54	0.00	-61.54
4	22981.30	-62.89	-30.00	-32.89	0.00	-62.89

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

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

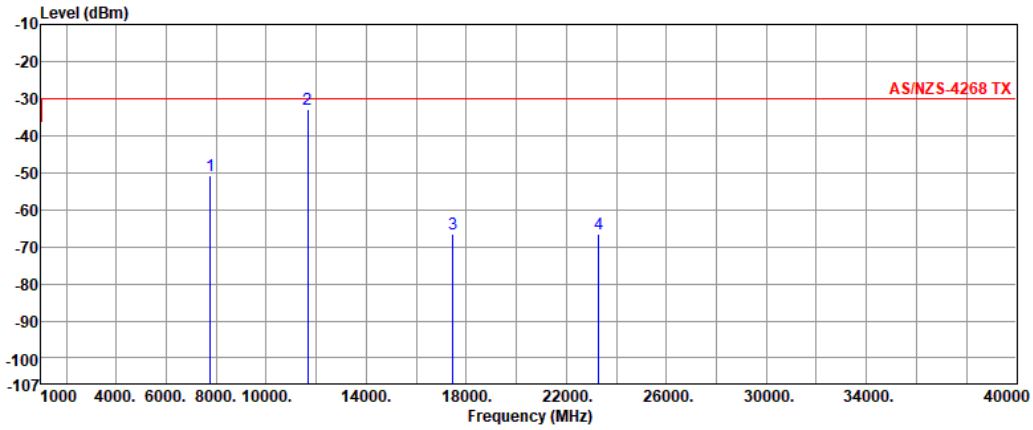


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7713.08	-55.20	-30.00	-25.20	0.00	-55.20
2	11567.00	-38.17	-30.00	-8.17	0.00	-38.17
3	17354.80	-61.16	-30.00	-31.16	0.00	-61.16
4	23135.40	-68.24	-30.00	-38.24	0.00	-68.24

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

Modulation	ax HE20-OFDMA
Test Freq. (MHz)	5825

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



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7766.42	-50.87	-30.00	-20.87	0.00	-50.87
2	11660.15	-32.91	-30.00	-2.91	0.00	-32.91
3	17473.20	-66.59	-30.00	-36.59	0.00	-66.59
4	23307.50	-66.71	-30.00	-36.71	0.00	-66.71

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

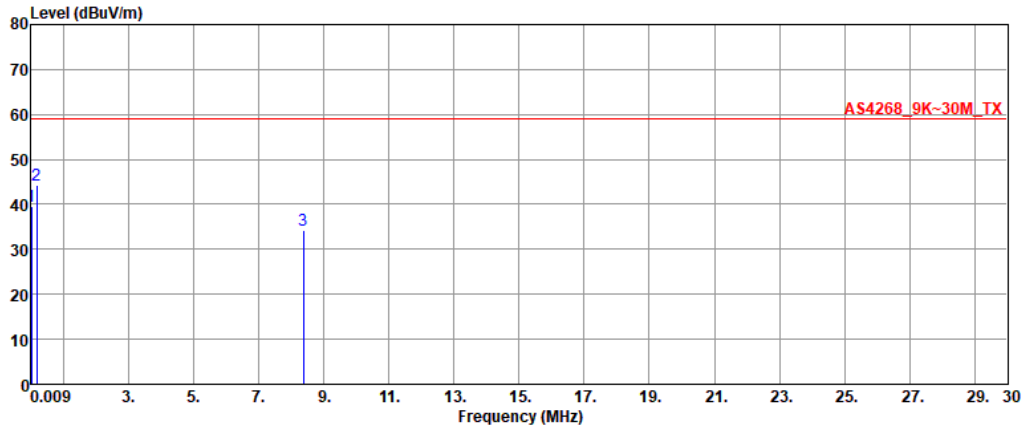
partial RU configuration

Configuration 1: Chip Antenna_ANT1608LL14R2460A

Emissions (≤ 30MHz)

Modulation	ax HE20_OFDMA_RU106	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

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

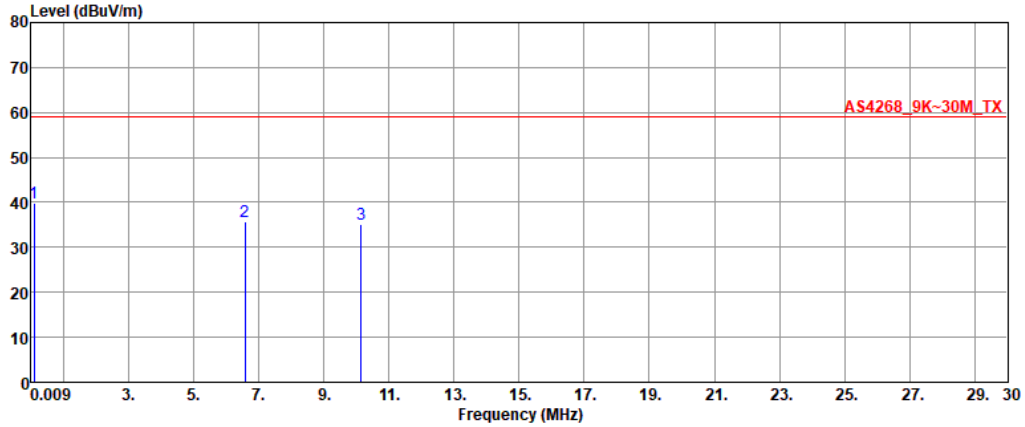


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.01	39.62	59.00	-19.38	19.27	20.35
2	0.17	44.23	59.00	-14.77	19.24	24.99
3	8.38	34.37	59.00	-24.63	20.48	13.89

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

Modulation	ax HE20_OFDMA_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	0.09	39.93	59.00	-19.07	18.92	21.01
2	6.57	35.71	59.00	-23.29	20.88	14.83
3	10.14	35.19	59.00	-23.81	21.03	14.16

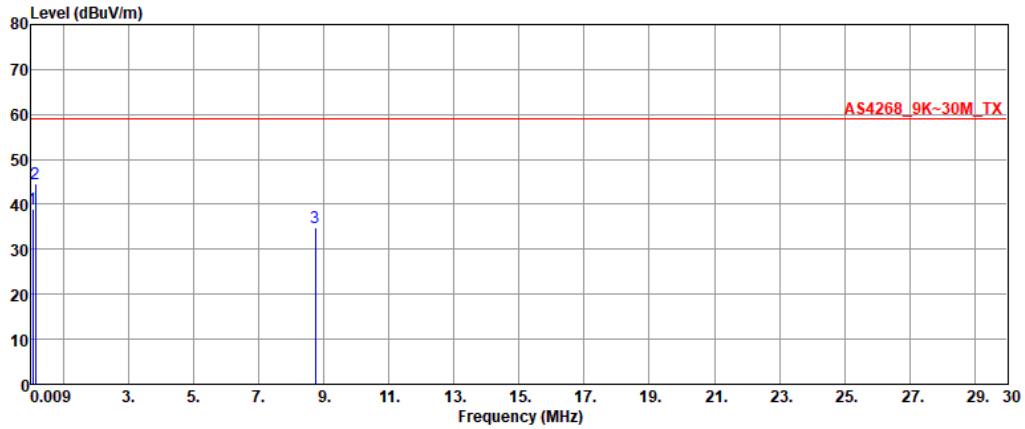
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 2: Dipole 6E_TWX-100BRS3B

Emissions (≤ 30MHz)

Modulation	ax HE20_OFDMA_RU106	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

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

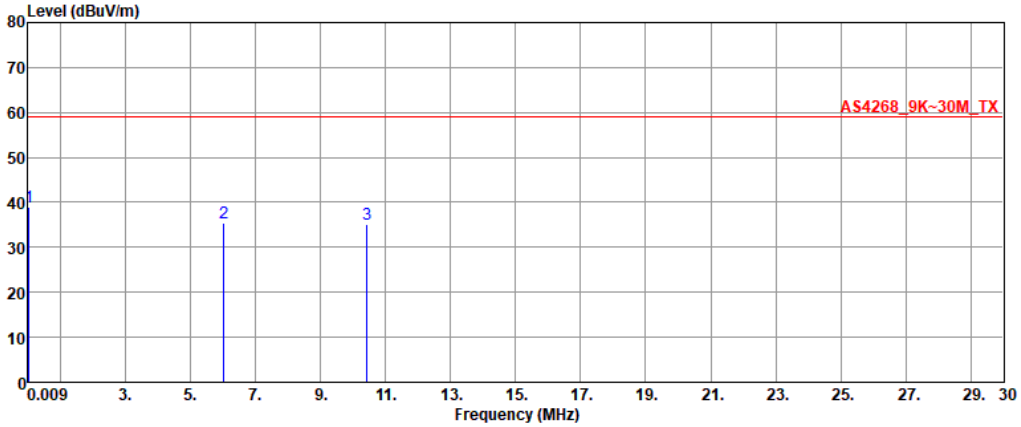


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.03	59.00	-19.97	19.93	19.10
2	0.12	44.51	59.00	-14.49	18.90	25.61
3	8.74	34.85	59.00	-24.15	20.48	14.37

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

Modulation	ax HE20_OFDMA_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

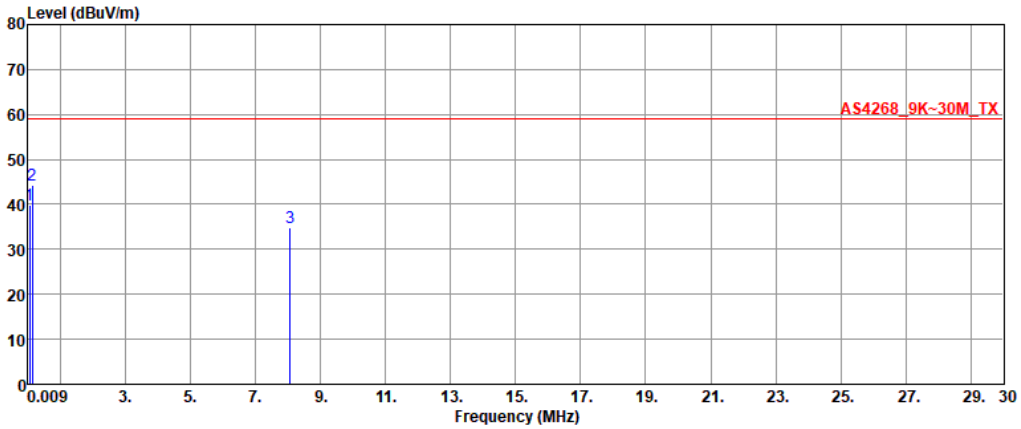
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 3: FlexMIMO 6E_EFD2471A3S-10MH4L

Emissions (≤ 30MHz)

Modulation	ax HE20_OFDMA_RU106	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

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

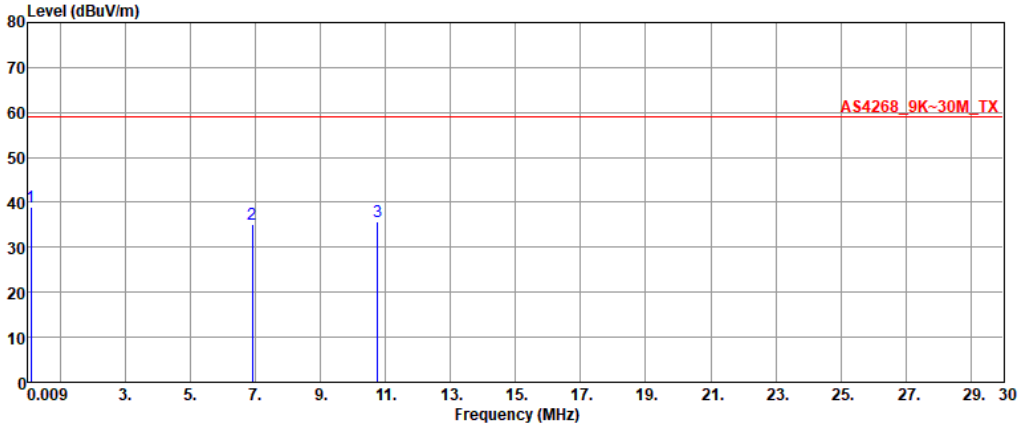


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.84	59.00	-19.16	19.86	19.98
2	0.13	44.43	59.00	-14.57	18.95	25.48
3	8.07	34.81	59.00	-24.19	20.48	14.33

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
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	39.08	59.00	-19.92	19.02	20.06
2	6.91	35.09	59.00	-23.91	20.80	14.29
3	10.76	35.75	59.00	-23.25	21.23	14.52

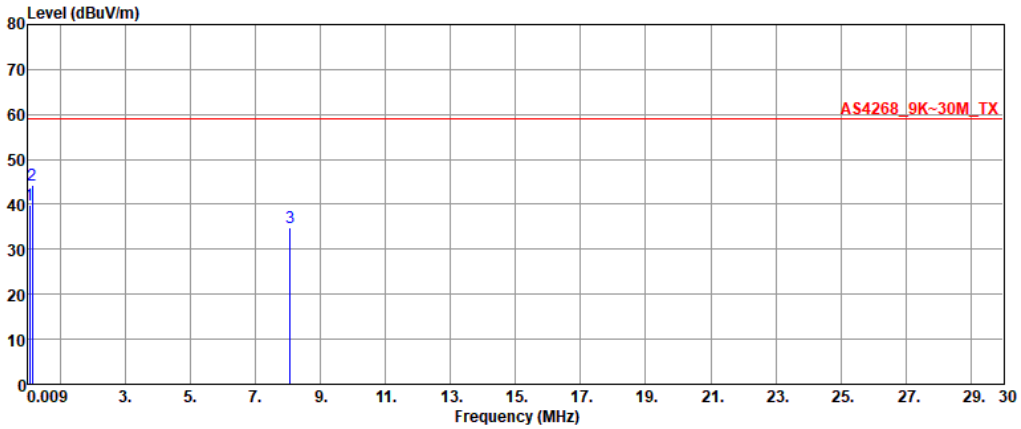
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 4: FlexPIFA 6E_EFB2471A3S-10MH4L

Emissions (≤ 30MHz)

Modulation	ax HE20_OFDMA_RU106	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

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

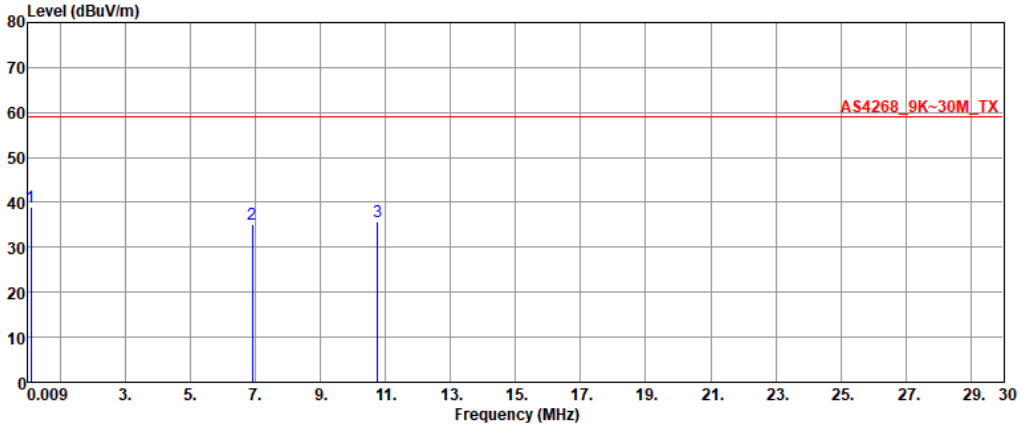


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.84	59.00	-19.16	19.86	19.98
2	0.13	44.43	59.00	-14.57	18.95	25.48
3	8.07	34.81	59.00	-24.19	20.48	14.33

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
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	39.08	59.00	-19.92	19.02	20.06
2	6.91	35.09	59.00	-23.91	20.80	14.29
3	10.76	35.75	59.00	-23.25	21.23	14.52

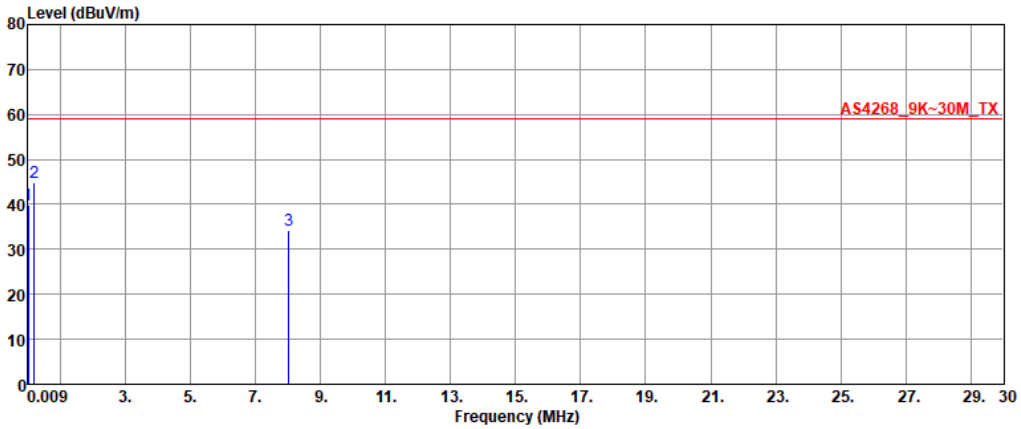
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 5: FlexPIFA Dual Band_001-0021

Emissions (≤ 30MHz)

Modulation	ax HE20_OFDMA_RU106	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

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

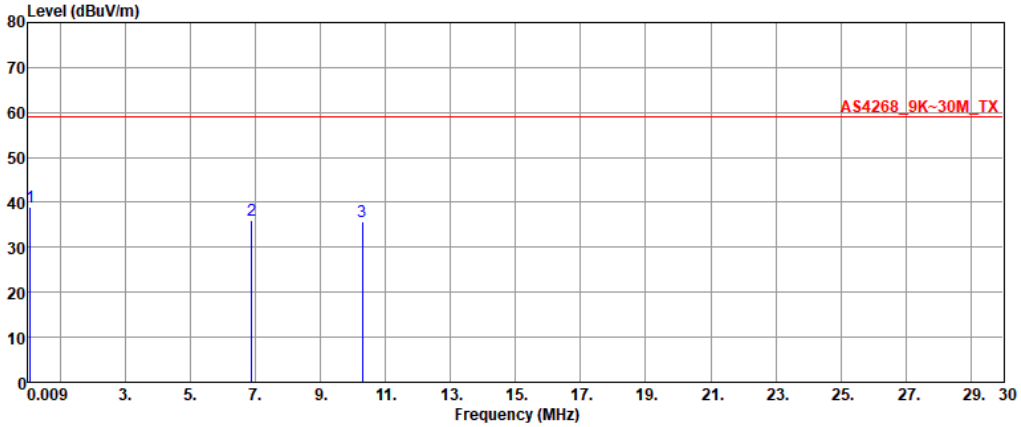


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.72	59.00	-19.28	19.87	19.85
2	0.19	44.84	59.00	-14.16	19.42	25.42
3	8.03	34.33	59.00	-24.67	20.48	13.85

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
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	39.06	59.00	-19.94	18.98	20.08
2	6.87	35.89	59.00	-23.11	20.81	15.08
3	10.29	35.83	59.00	-23.17	21.08	14.75

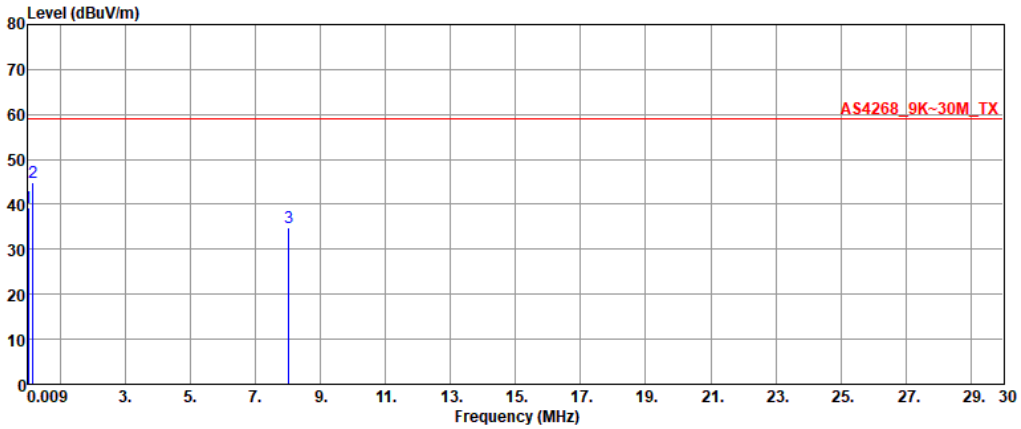
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 6: FlexPIFA Dual Band_EFB2455A3S-15MH4L

Emissions (≤ 30MHz)

Modulation	ax HE20_OFDMA_RU106	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

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

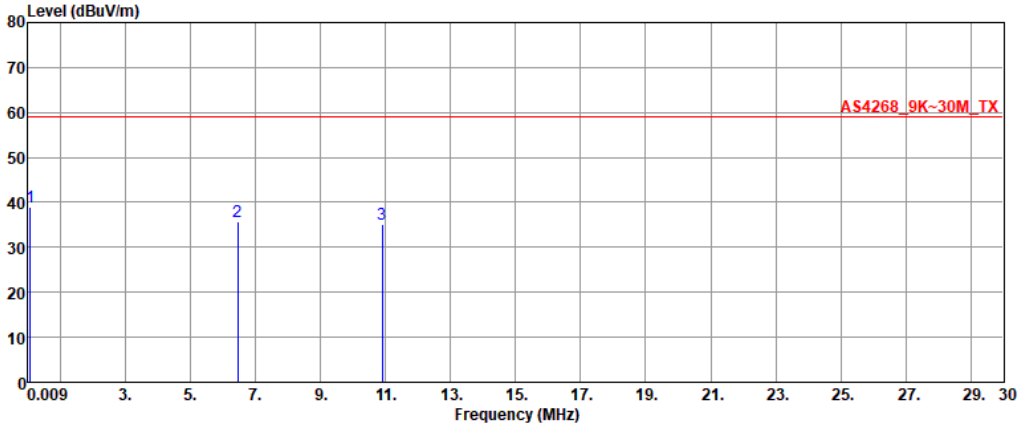


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.01	39.35	59.00	-19.65	18.63	20.72
2	0.15	44.98	59.00	-14.02	19.14	25.84
3	8.02	34.81	59.00	-24.19	20.48	14.33

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
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	39.02	59.00	-19.98	18.96	20.06
2	6.46	35.82	59.00	-23.18	20.92	14.90
3	10.89	35.16	59.00	-23.84	21.27	13.89

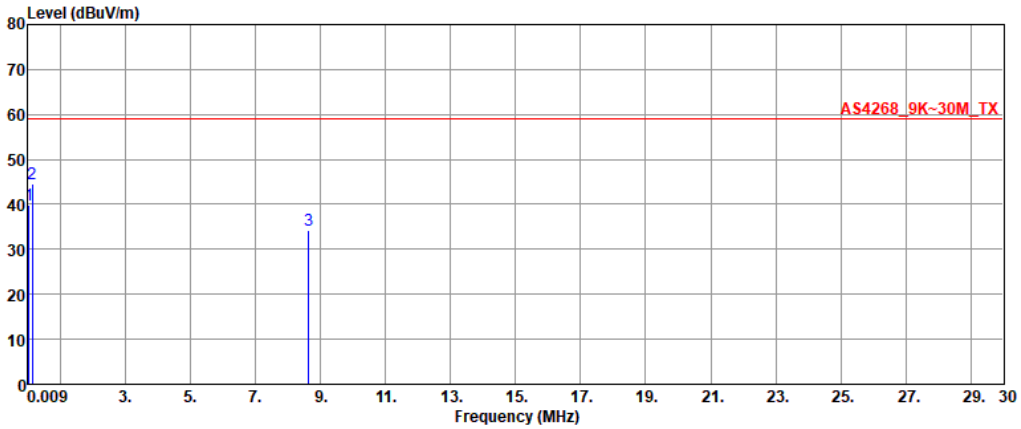
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 7: Mini NanoBlade Flex 6GHz_EMF2471A3S-10MH4L

Emissions (≤ 30MHz)

Modulation	ax HE20_OFDMA_RU106	Test Freq. (MHz)	5720
Frequency	9kHz~30MHz		

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

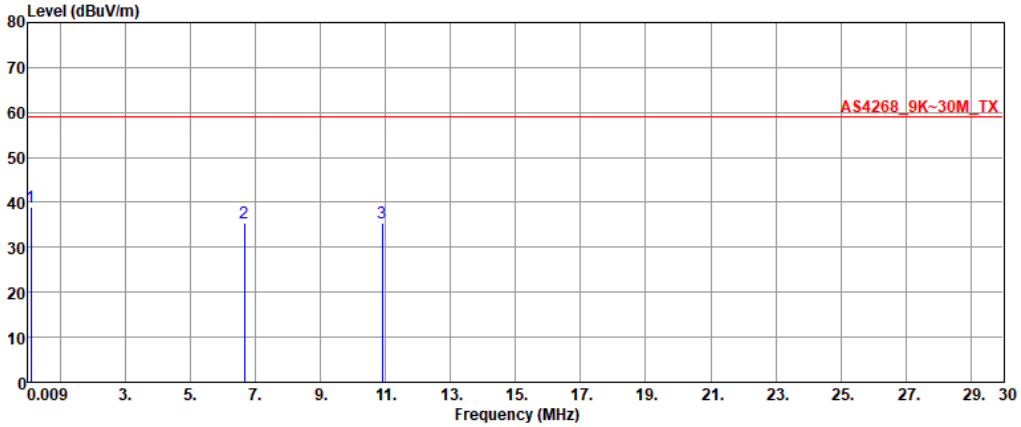


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.79	59.00	-19.21	19.76	20.03
2	0.13	44.47	59.00	-14.53	18.96	25.51
3	8.63	34.33	59.00	-24.67	20.48	13.85

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
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	39.06	59.00	-19.94	18.98	20.08
2	6.65	35.30	59.00	-23.70	20.86	14.44
3	10.91	35.52	59.00	-23.48	21.27	14.25

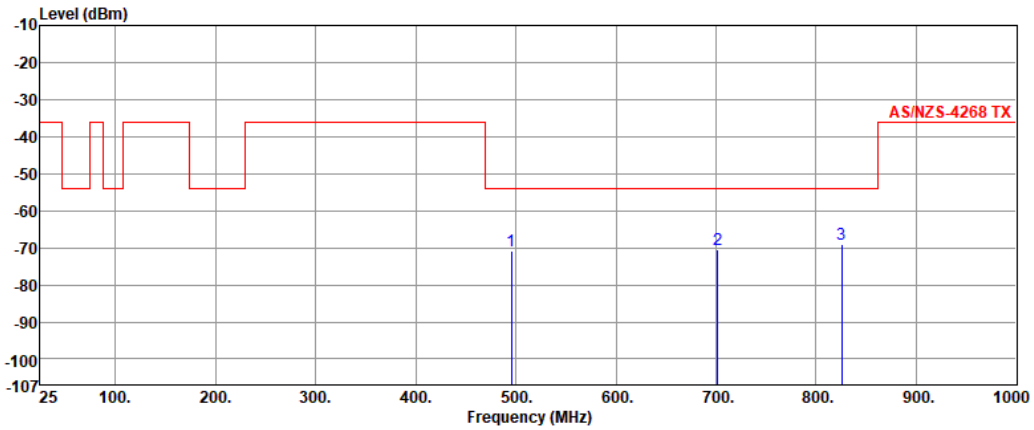
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

partial RU configuration

Emissions (25MHz ~ 1GHz)

Modulation	ax HE20-OFDMA RU106	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

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

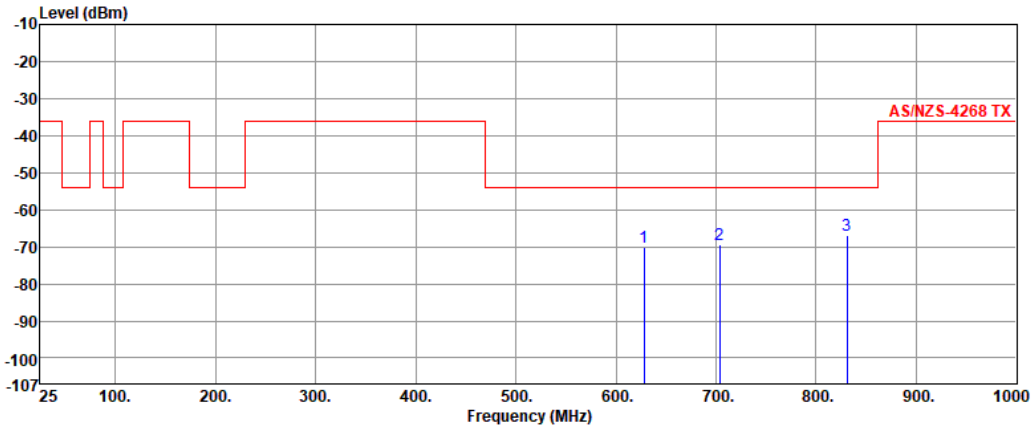


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	495.93	-70.77	-54.00	-16.77	2.35	-73.12
2	701.65	-70.59	-54.00	-16.59	6.43	-77.02
3	825.48	-69.16	-54.00	-15.16	8.58	-77.74

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

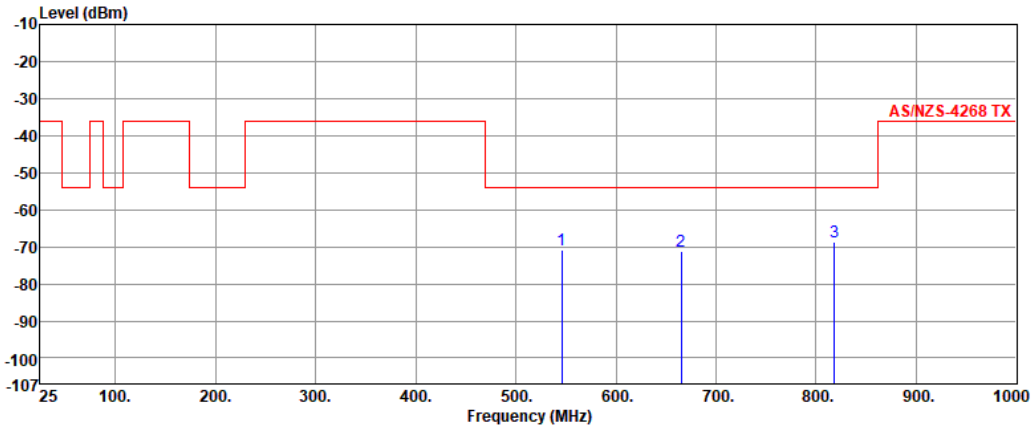


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	628.43	-70.13	-54.00	-16.13	5.25	-75.38
2	703.91	-69.55	-54.00	-15.55	6.25	-75.80
3	830.65	-66.85	-54.00	-12.85	8.59	-75.44

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

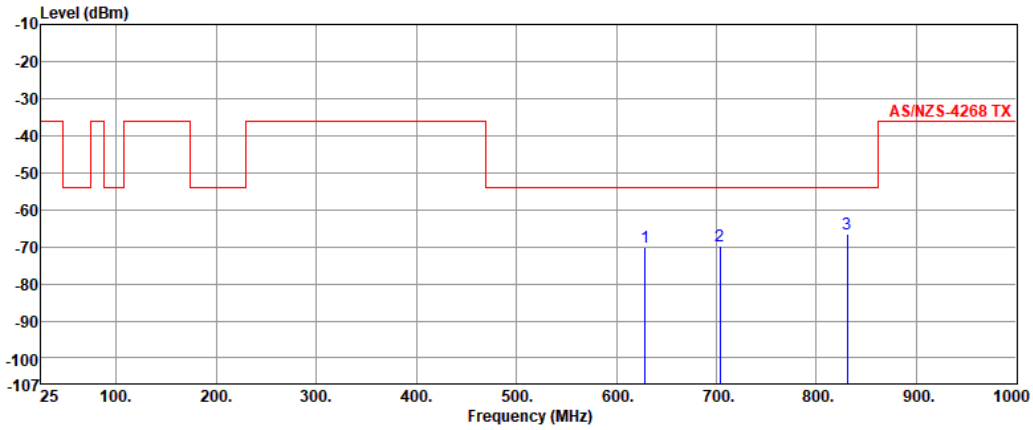


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	545.65	-70.81	-54.00	-16.81	3.50	-74.31
2	665.58	-71.15	-54.00	-17.15	5.66	-76.81
3	818.65	-68.75	-54.00	-14.75	8.41	-77.16

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

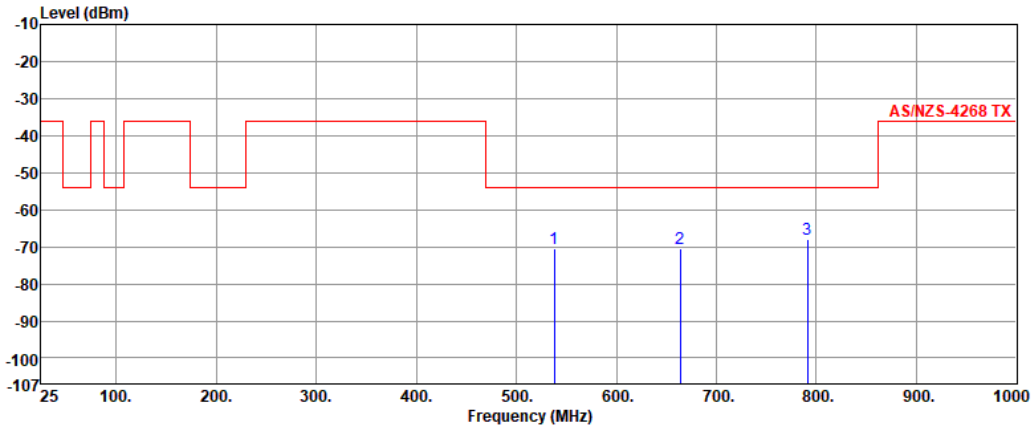


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	628.83	-70.16	-54.00	-16.16	5.25	-75.41
2	703.80	-69.84	-54.00	-15.84	6.25	-76.09
3	830.97	-66.67	-54.00	-12.67	8.59	-75.26

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

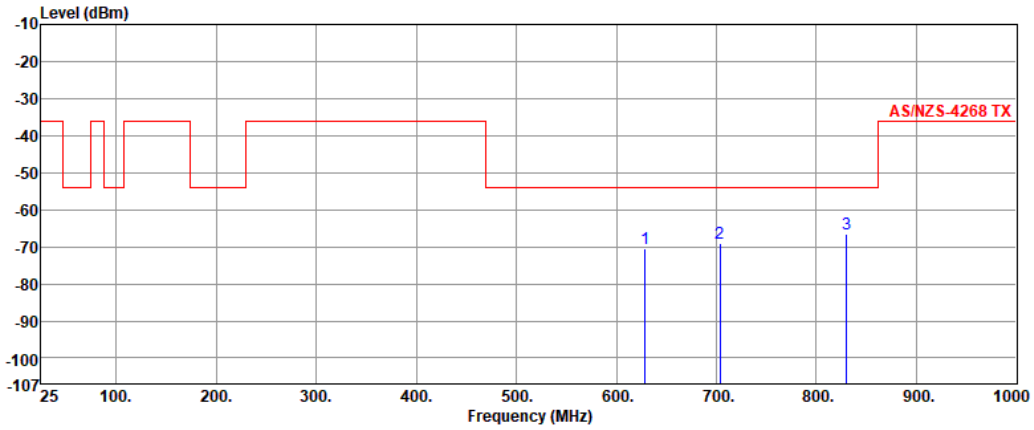


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	537.85	-70.57	-54.00	-16.57	3.73	-74.30
2	663.63	-70.46	-54.00	-16.46	5.70	-76.16
3	791.35	-67.95	-54.00	-13.95	7.87	-75.82

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



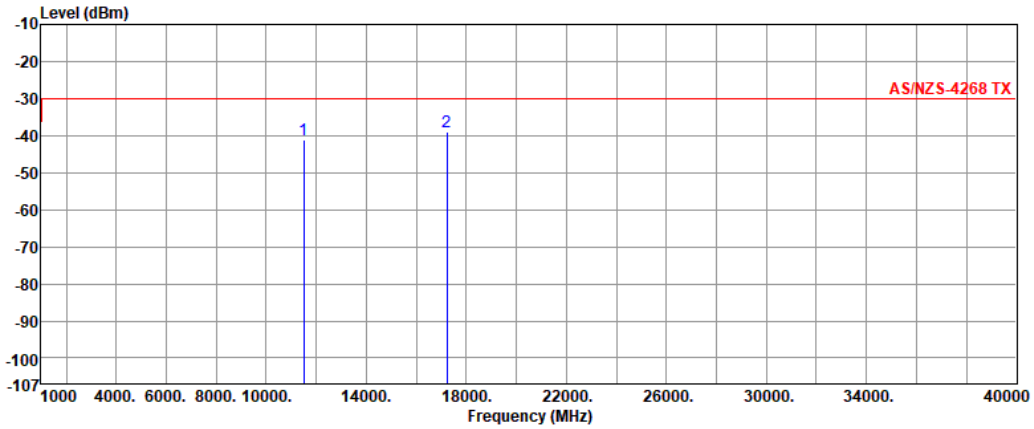
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	628.53	-70.58	-54.00	-16.58	5.25	-75.83
2	703.60	-69.17	-54.00	-15.17	6.25	-75.42
3	830.35	-66.60	-54.00	-12.60	8.59	-75.19

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

Emissions (Above 1GHz)

Modulation	ax HE20-OFDMA RU106	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

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

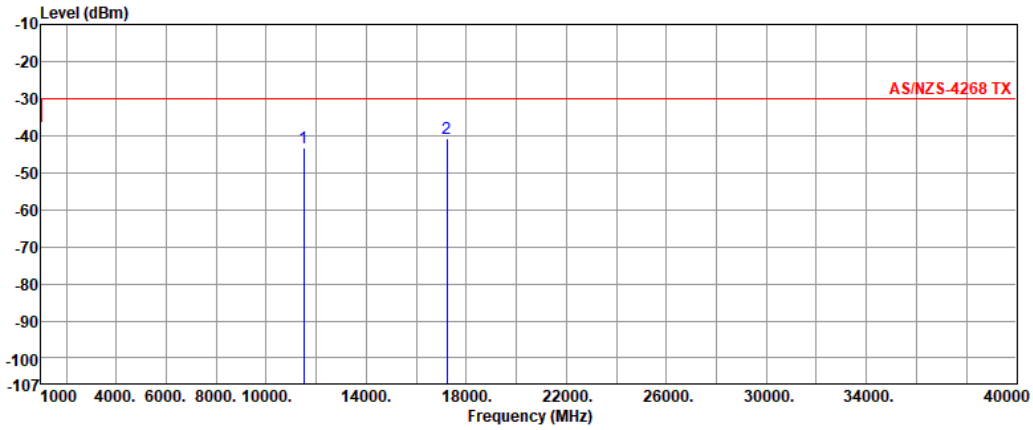


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11489.50	-41.21	-30.00	-11.21	21.60	-62.81
2	17234.95	-39.01	-30.00	-9.01	23.65	-62.66

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

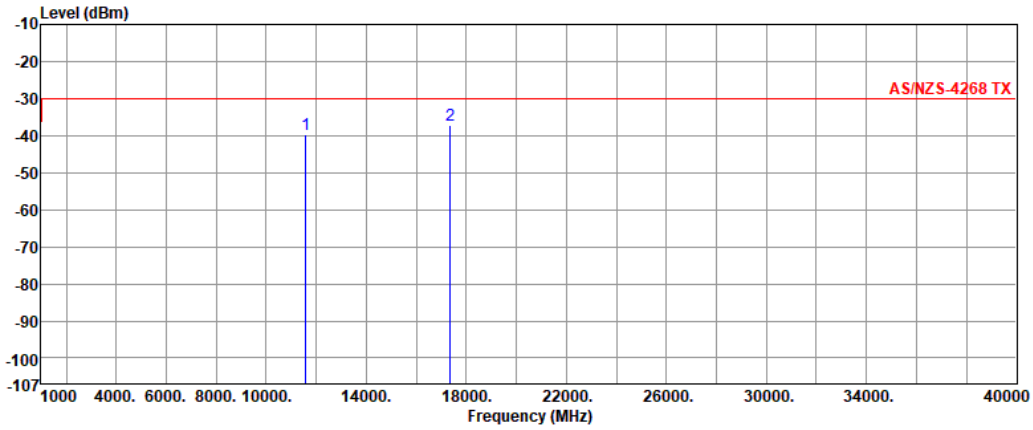


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11490.15	-43.45	-30.00	-13.45	20.73	-64.18
2	17235.70	-40.61	-30.00	-10.61	23.89	-64.50

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)**	5785
Polarization	Horizontal		

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

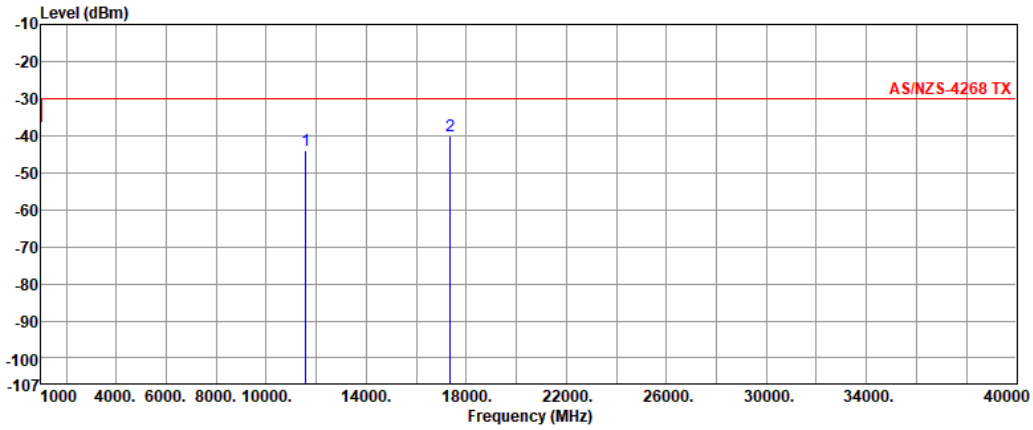


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11570.15	-39.87	-30.00	-9.87	21.53	-61.40
2	17354.45	-37.16	-30.00	-7.16	25.14	-62.30

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)**	5785
Polarization	Vertical		

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

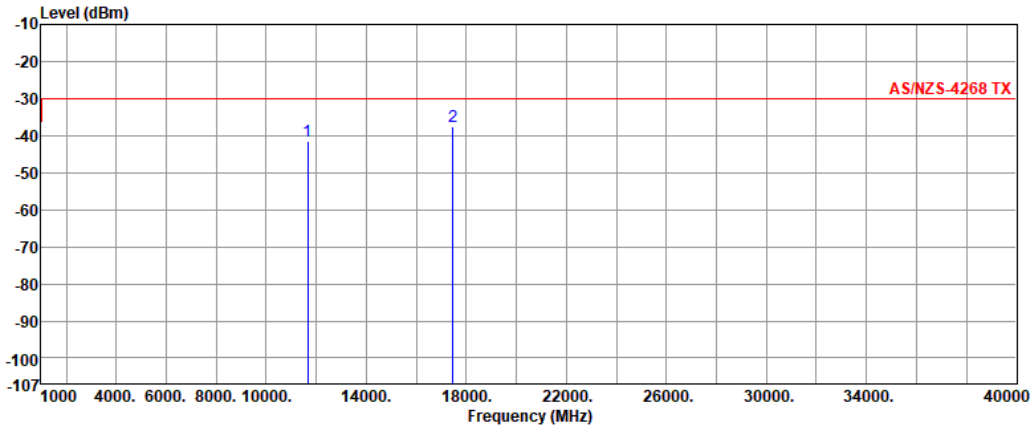


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11570.00	-44.11	-30.00	-14.11	20.48	-64.59
2	17356.70	-39.99	-30.00	-9.99	24.80	-64.79

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

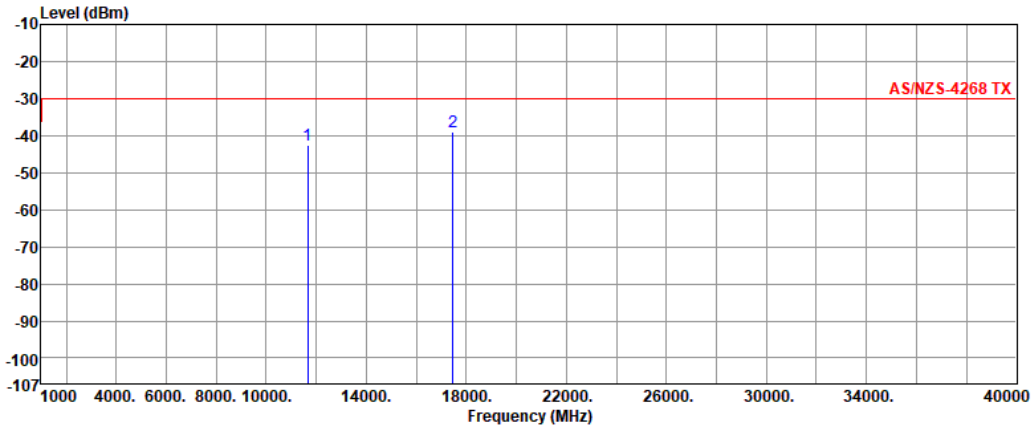


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	11650.15	-41.40	-30.00	-11.40	20.31	-61.71
2	17475.50	-37.49	-30.00	-7.49	25.34	-62.83

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	11650.70	-42.69	-30.00	-12.69	20.59	-63.28
2	17475.15	-38.95	-30.00	-8.95	25.12	-64.07

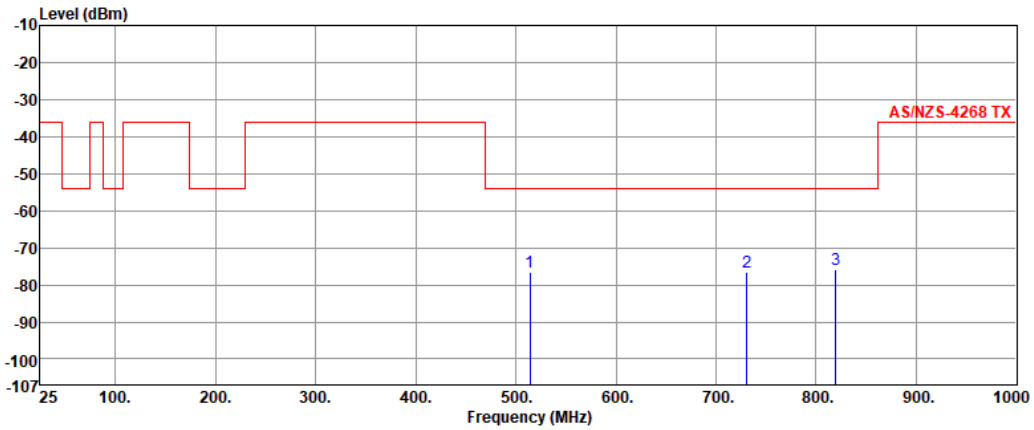
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

partial RU configuration

Emissions (25MHz ~ 1GHz)

Modulation	ax HE20-OFDMA RU106
Test Freq. (MHz)	5745

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

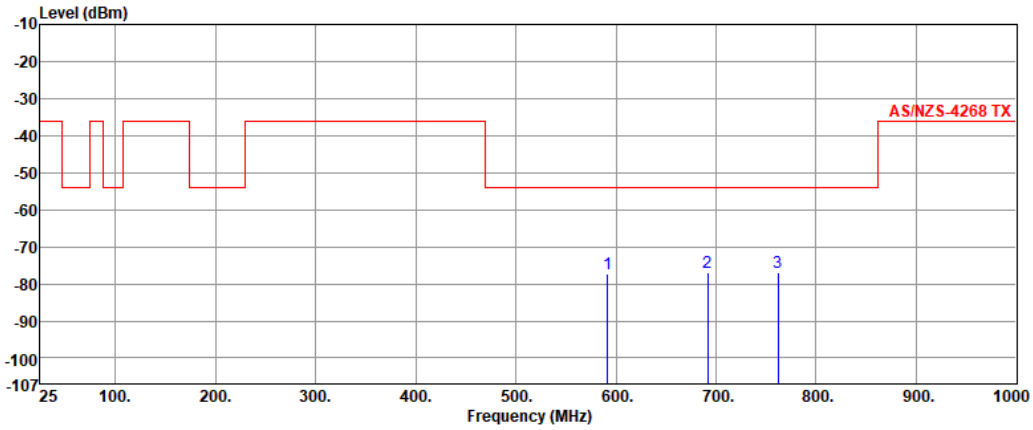


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	514.45	-76.73	-54.00	-22.73	0.00	-76.73
2	730.90	-76.48	-54.00	-22.48	0.00	-76.48
3	819.63	-75.82	-54.00	-21.82	0.00	-75.82

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

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

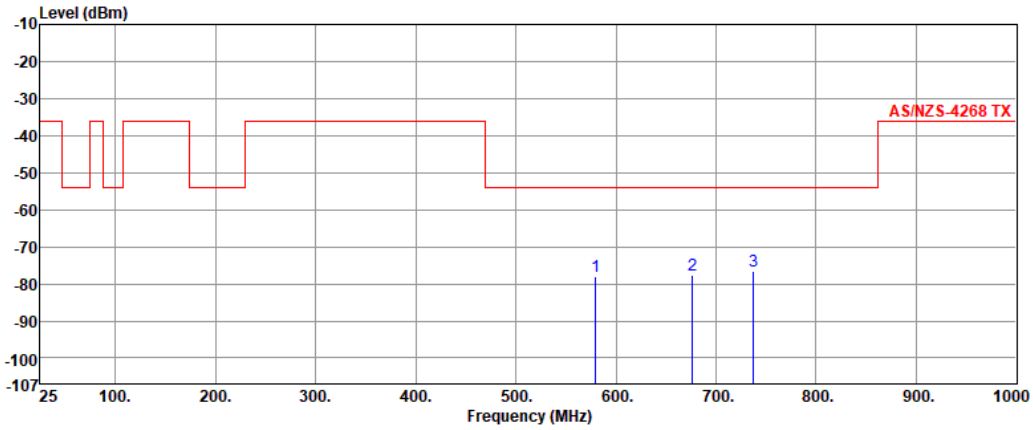


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	591.48	-77.34	-54.00	-23.34	0.00	-77.34
2	691.90	-76.88	-54.00	-22.88	0.00	-76.88
3	762.10	-76.78	-54.00	-22.78	0.00	-76.78

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

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



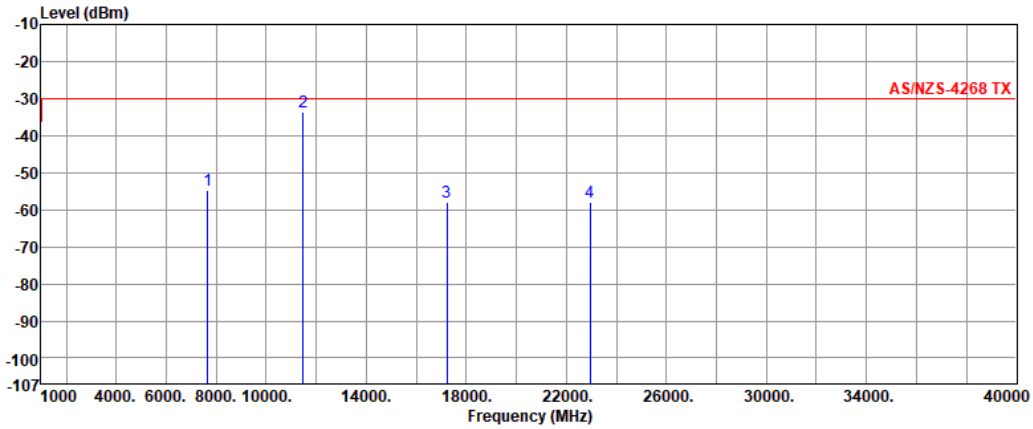
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	579.78	-78.17	-54.00	-24.17	0.00	-78.17
2	676.30	-77.53	-54.00	-23.53	0.00	-77.53
3	737.73	-76.62	-54.00	-22.62	0.00	-76.62

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

Emissions (Above 1GHz)

Modulation	ax HE20-OFDMA RU106
Test Freq. (MHz)	5745

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

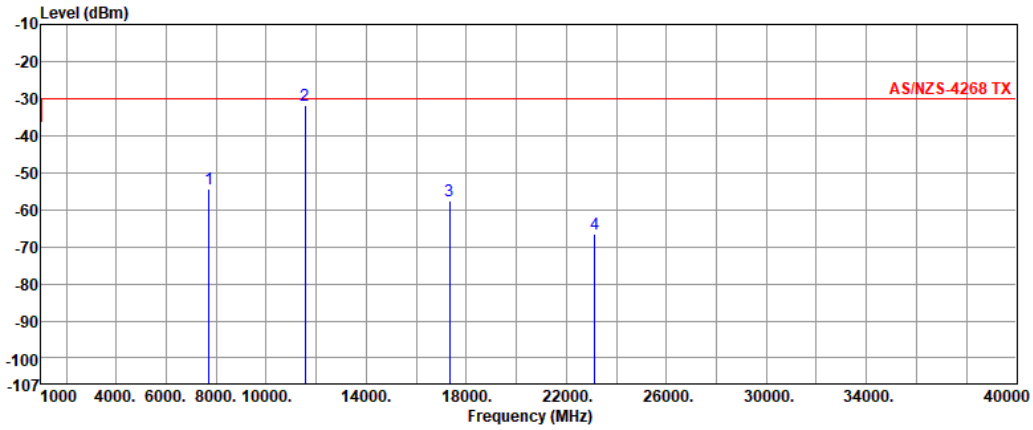


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7654.10	-54.66	-30.00	-24.66	0.00	-54.66
2	11478.10	-33.73	-30.00	-3.73	0.00	-33.73
3	17217.10	-58.02	-30.00	-28.02	0.00	-58.02
4	22956.00	-57.90	-30.00	-27.90	0.00	-57.90

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

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

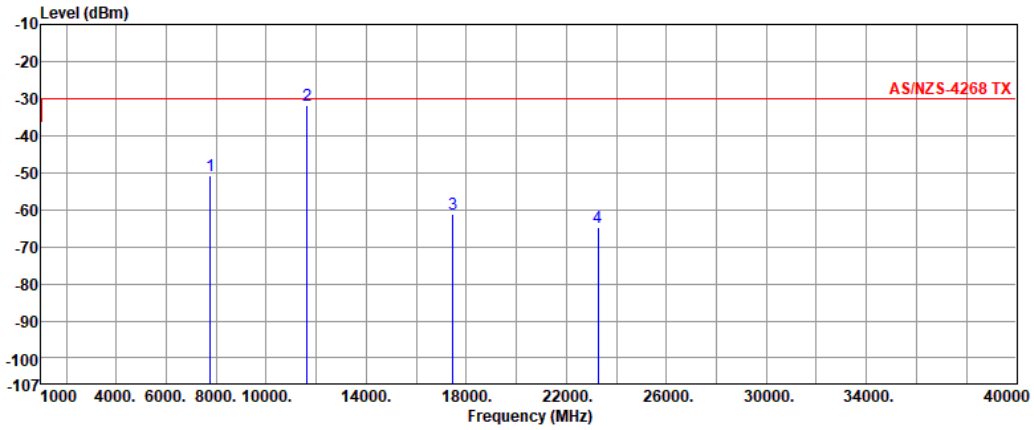


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7711.00	-54.27	-30.00	-24.27	0.00	-54.27
2	11562.80	-31.86	-30.00	-1.86	0.00	-31.86
3	17344.70	-57.47	-30.00	-27.47	0.00	-57.47
4	23125.10	-66.39	-30.00	-36.39	0.00	-66.39

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

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



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7762.40	-50.80	-30.00	-20.80	0.00	-50.80
2	11641.10	-31.75	-30.00	-1.75	0.00	-31.75
3	17461.30	-61.19	-30.00	-31.19	0.00	-61.19
4	23280.80	-64.84	-30.00	-34.84	0.00	-64.84

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

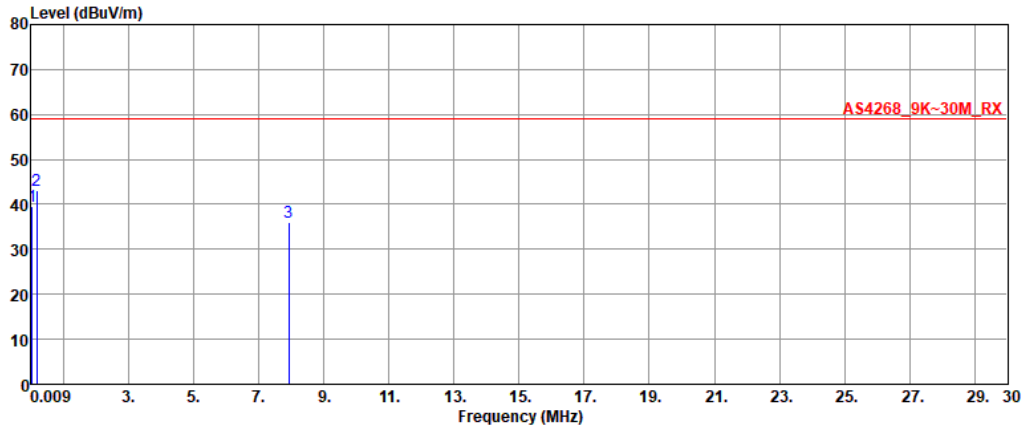
full RU configuration

Configuration 1: Chip Antenna_ANT1608LL14R2460A

Emissions (≤ 30MHz)

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

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

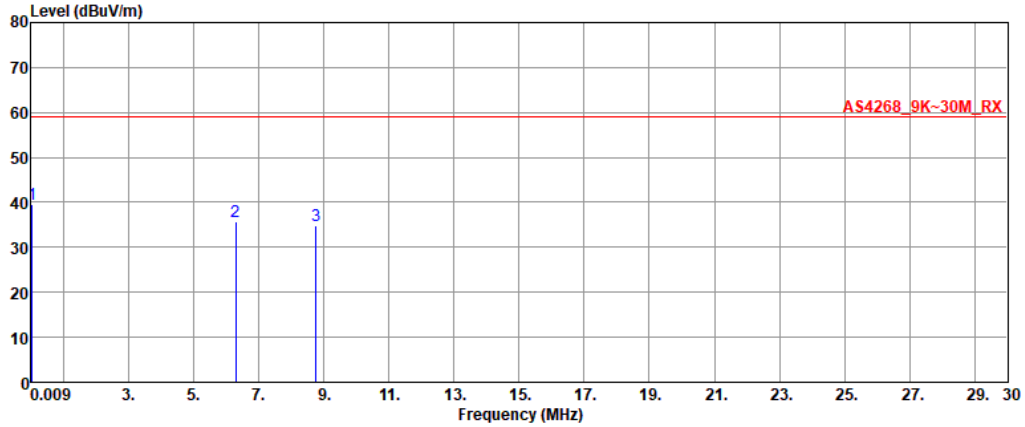


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.48	59.00	-19.52	19.95	19.53
2	0.18	43.10	59.00	-15.90	19.32	23.78
3	7.93	35.90	59.00	-23.10	20.49	15.41

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

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

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

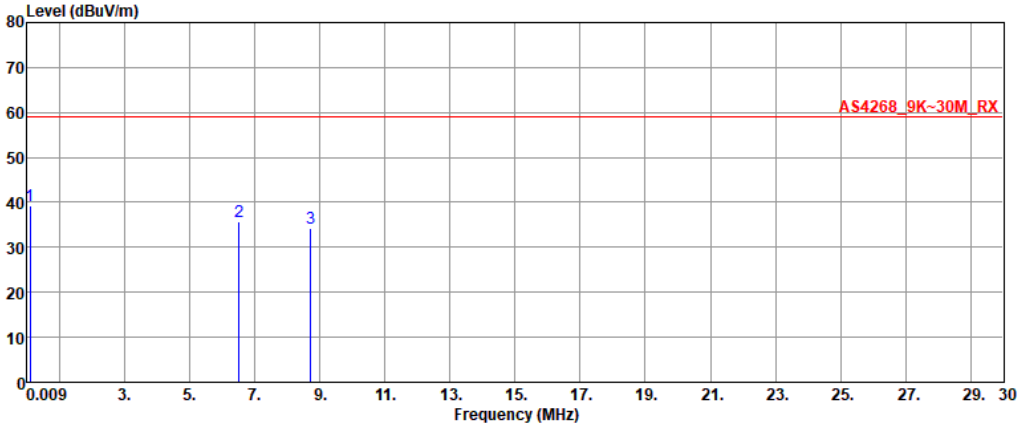


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.47	59.00	-19.53	19.84	19.63
2	6.30	35.64	59.00	-23.36	20.97	14.67
3	8.77	34.79	59.00	-24.21	20.48	14.31

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)	5720
Frequency	9kHz~30MHz		

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

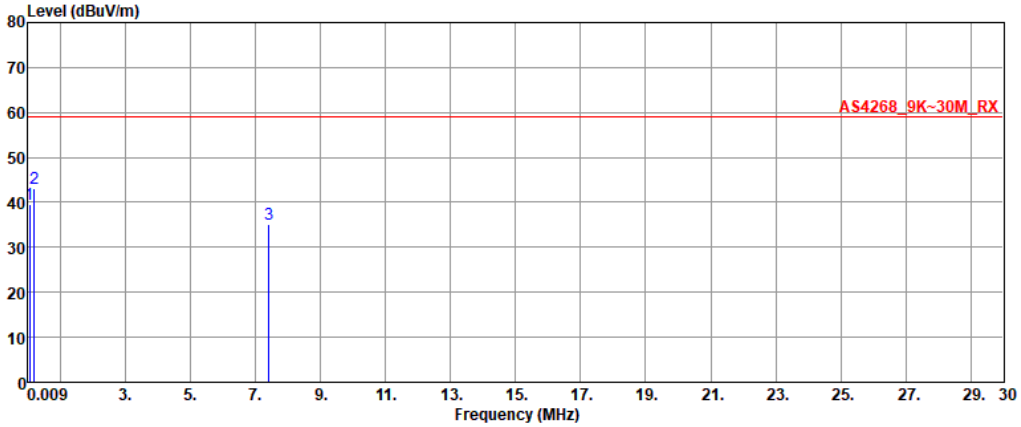


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.10	39.14	59.00	-19.86	18.76	20.38
2	6.52	35.73	59.00	-23.27	20.90	14.83
3	8.71	34.22	59.00	-24.78	20.48	13.74

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	39.56	59.00	-19.44	19.86	19.70
2	0.18	43.09	59.00	-15.91	19.36	23.73
3	7.42	35.06	59.00	-23.94	20.64	14.42

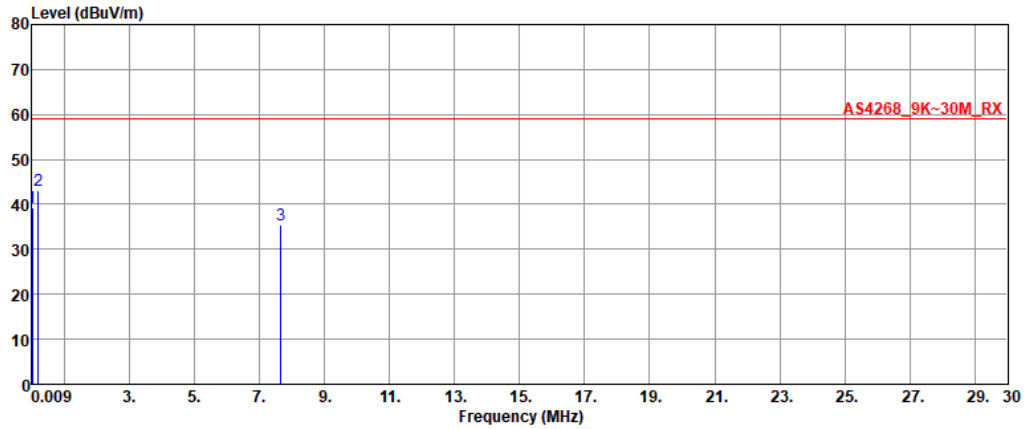
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 2: Dipole 6E_TWX-100BRS3B

Emissions (≤ 30MHz)

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

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

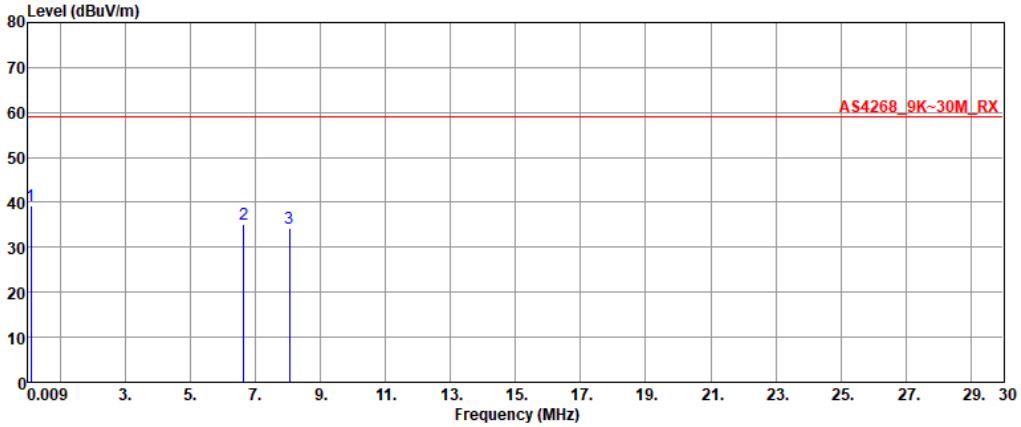


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.02	39.31	59.00	-19.69	19.87	19.44
2	0.19	43.22	59.00	-15.78	19.38	23.84
3	7.65	35.46	59.00	-23.54	20.57	14.89

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

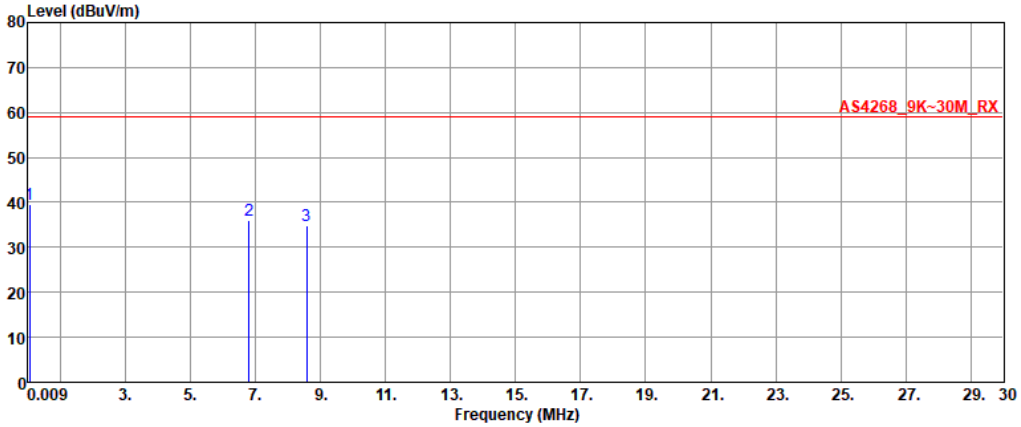


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.29	59.00	-19.71	18.94	20.35
2	6.63	35.23	59.00	-23.77	20.87	14.36
3	8.05	34.28	59.00	-24.72	20.48	13.80

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

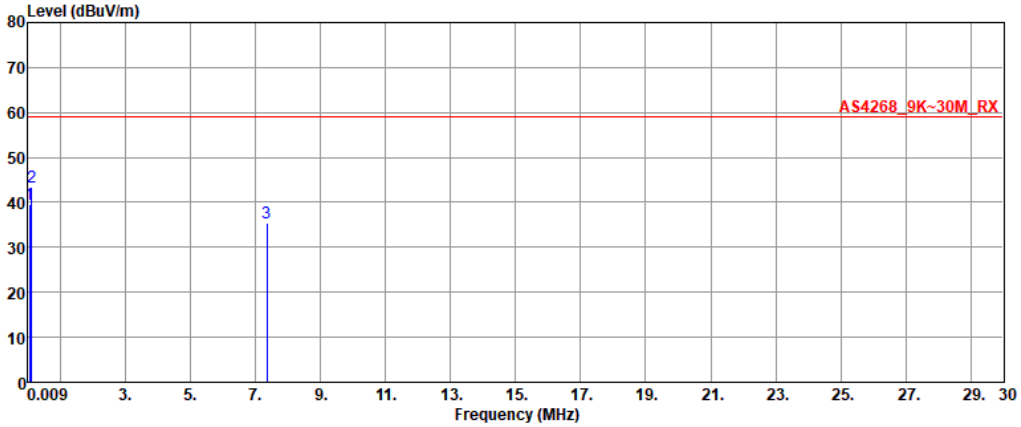


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.61	59.00	-19.39	19.47	20.14
2	6.79	35.89	59.00	-23.11	20.82	15.07
3	8.57	34.94	59.00	-24.06	20.48	14.46

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	0.04	39.46	59.00	-19.54	19.85	19.61
2	0.12	43.51	59.00	-15.49	18.88	24.63
3	7.35	35.45	59.00	-23.55	20.66	14.79

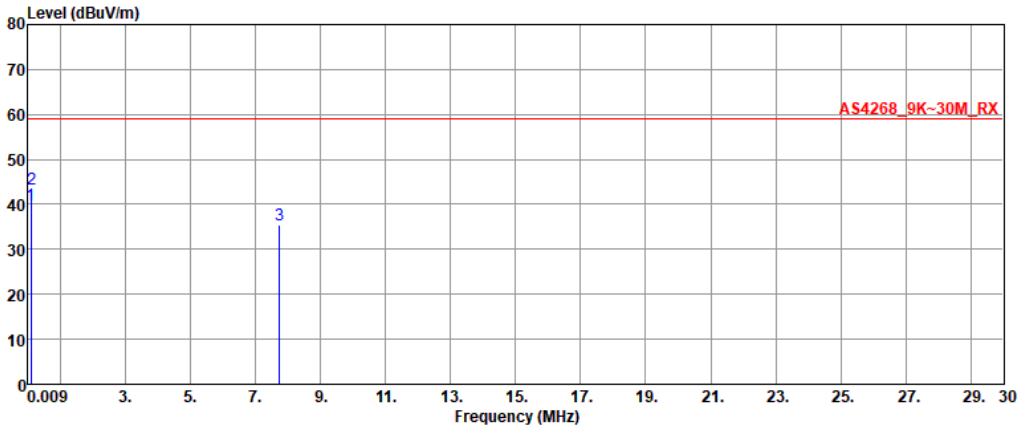
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 3: FlexMIMO 6E_EFD2471A3S-10MH4L

Emissions (≤ 30MHz)

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

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

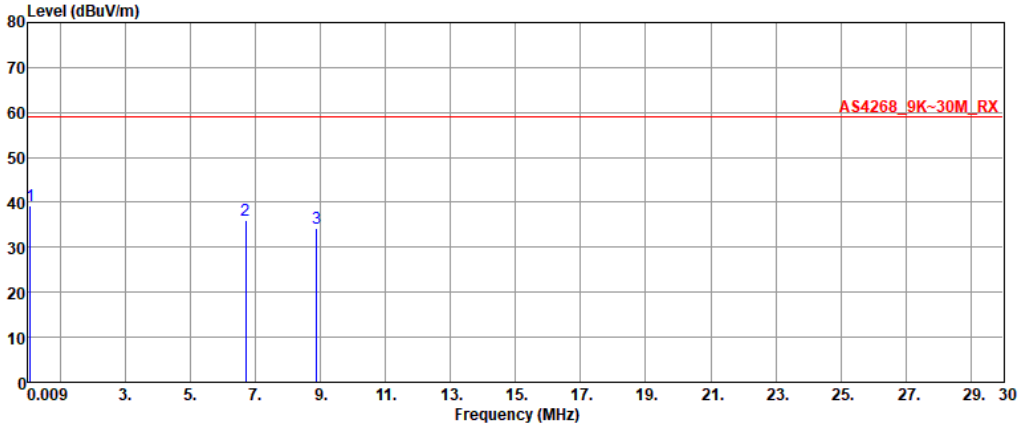


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.10	40.00	59.00	-19.00	18.74	21.26
2	0.12	43.37	59.00	-15.63	18.83	24.54
3	7.74	35.56	59.00	-23.44	20.55	15.01

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

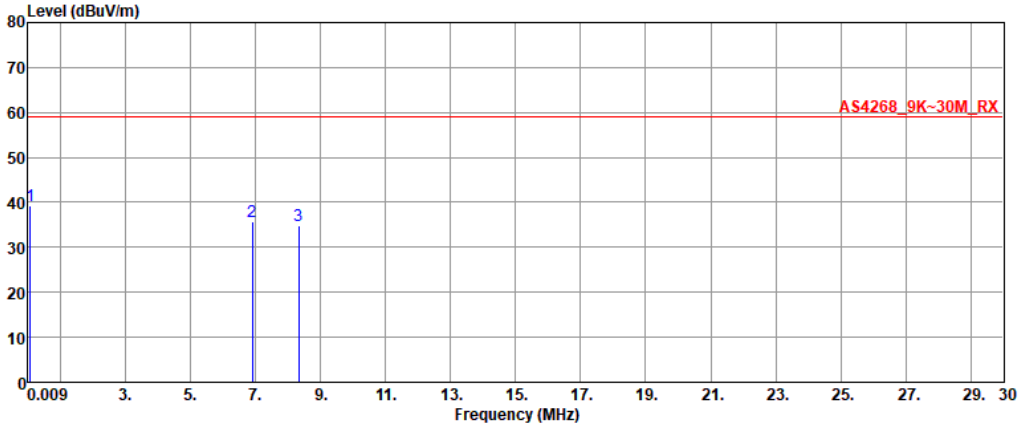


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.33	59.00	-19.67	18.98	20.35
2	6.69	35.87	59.00	-23.13	20.85	15.02
3	8.87	34.17	59.00	-24.83	20.48	13.69

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

Modulation	ax HE20_OFDMA	**Test Freq. (MHz)**	5720
Frequency	9kHz~30MHz		

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

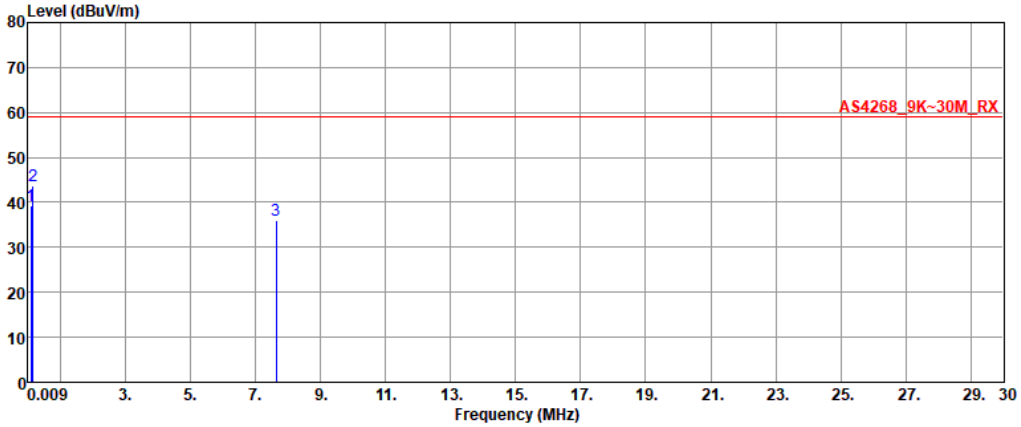


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.35	59.00	-19.65	18.83	20.52
2	6.89	35.66	59.00	-23.34	20.80	14.86
3	8.32	34.91	59.00	-24.09	20.48	14.43

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	39.37	59.00	-19.63	18.92	20.45
2	0.15	43.65	59.00	-15.35	19.15	24.50
3	7.63	35.98	59.00	-23.02	20.58	15.40

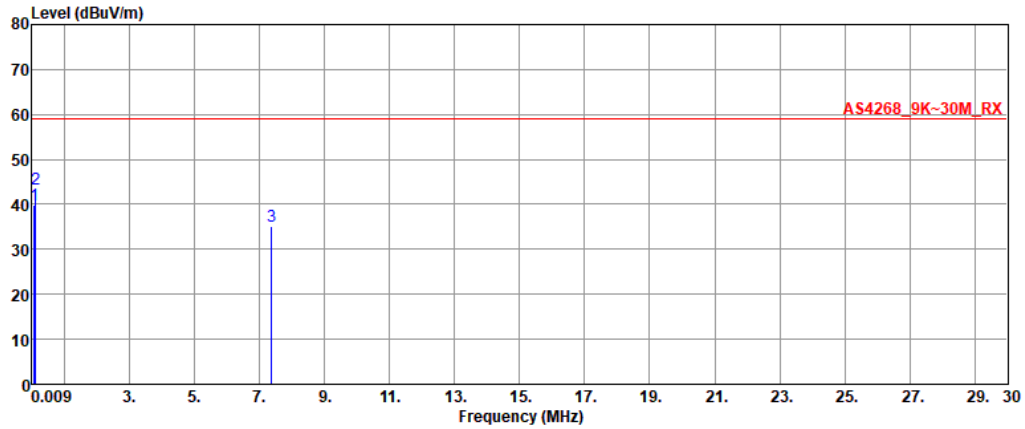
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 4: FlexPIFA 6E_EFB2471A3S-10MH4L

Emissions (≤ 30MHz)

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

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

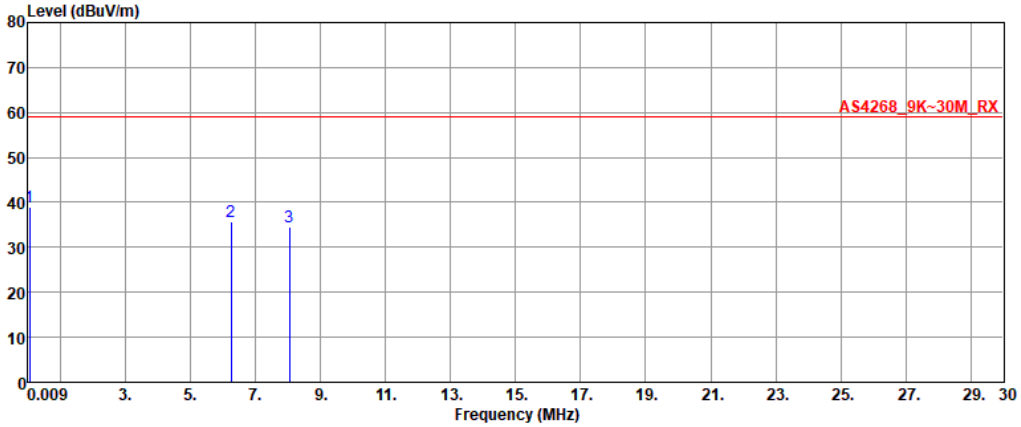


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.97	59.00	-19.03	18.97	21.00
2	0.12	43.37	59.00	-15.63	18.83	24.54
3	7.37	35.21	59.00	-23.79	20.65	14.56

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

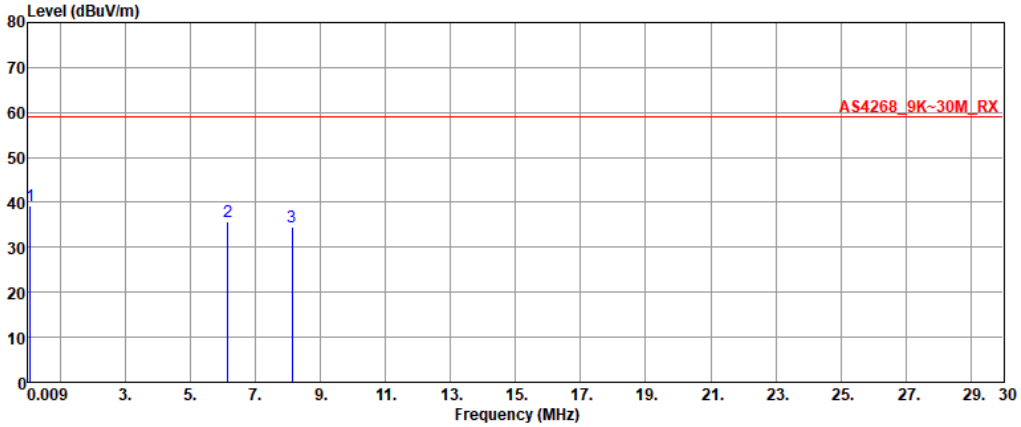


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.09	59.00	-19.91	19.74	19.35
2	6.25	35.86	59.00	-23.14	20.98	14.88
3	8.05	34.64	59.00	-24.36	20.48	14.16

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

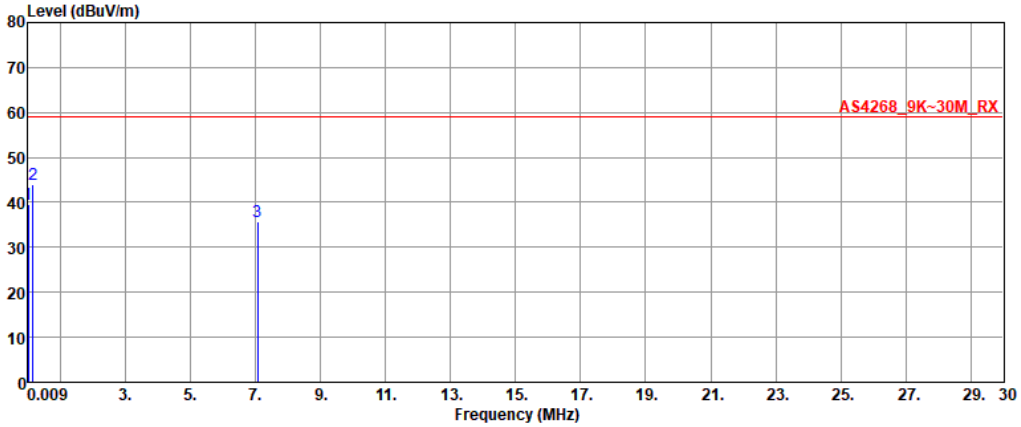


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.37	59.00	-19.63	19.02	20.35
2	6.15	35.68	59.00	-23.32	21.01	14.67
3	8.12	34.44	59.00	-24.56	20.48	13.96

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	0.01	39.44	59.00	-19.56	19.06	20.38
2	0.16	43.86	59.00	-15.14	19.21	24.65
3	7.06	35.64	59.00	-23.36	20.75	14.89

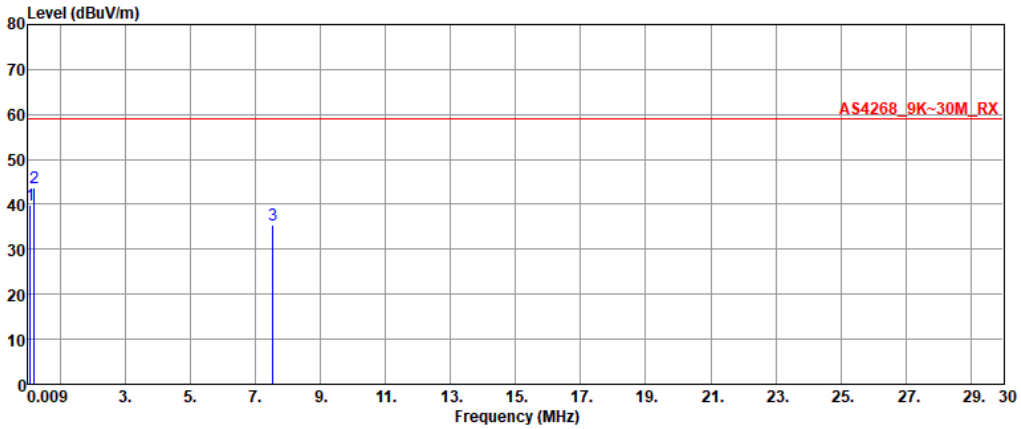
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 5: FlexPIFA Dual Band_001-0021

Emissions (≤ 30MHz)

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

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

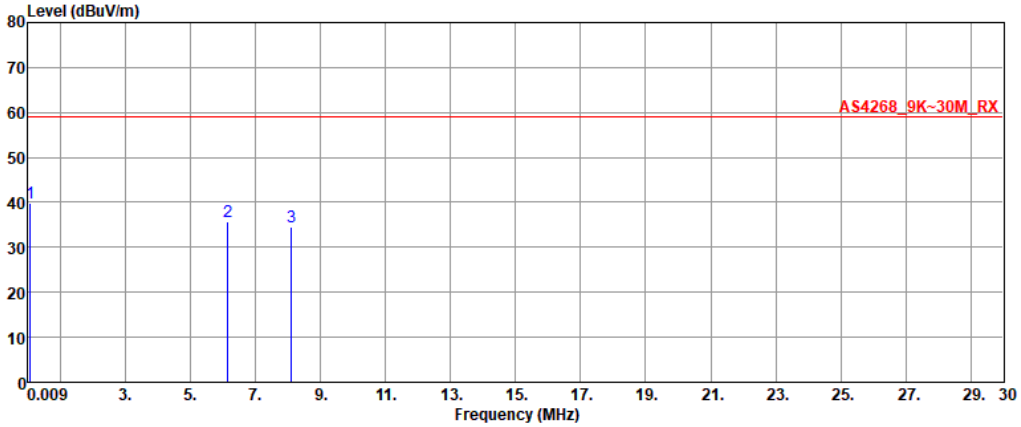


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.85	59.00	-19.15	18.88	20.97
2	0.19	43.81	59.00	-15.19	19.40	24.41
3	7.53	35.57	59.00	-23.43	20.61	14.96

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

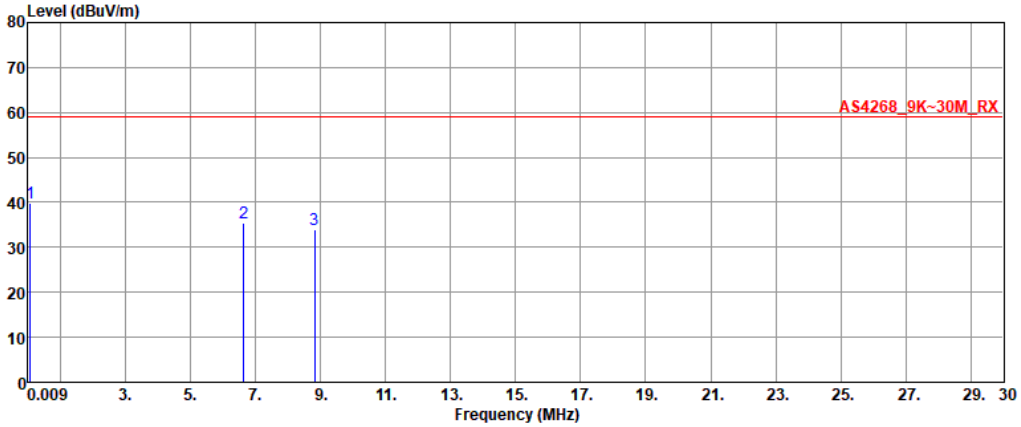


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.75	59.00	-19.25	18.86	20.89
2	6.14	35.81	59.00	-23.19	21.02	14.79
3	8.10	34.61	59.00	-24.39	20.48	14.13

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)	5720
Frequency	9kHz~30MHz		

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

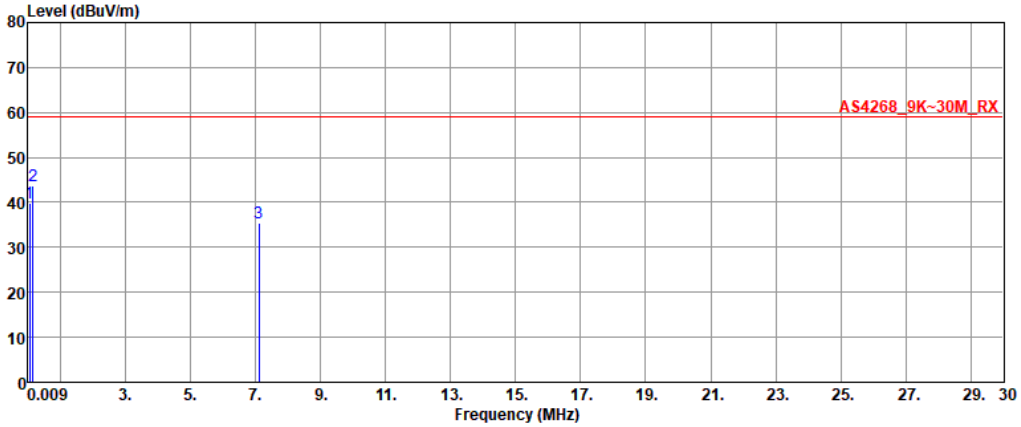


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.92	59.00	-19.08	18.95	20.97
2	6.63	35.42	59.00	-23.58	20.87	14.55
3	8.82	34.08	59.00	-24.92	20.48	13.60

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	0.05	39.71	59.00	-19.29	19.75	19.96
2	0.16	43.61	59.00	-15.39	19.19	24.42
3	7.11	35.42	59.00	-23.58	20.74	14.68

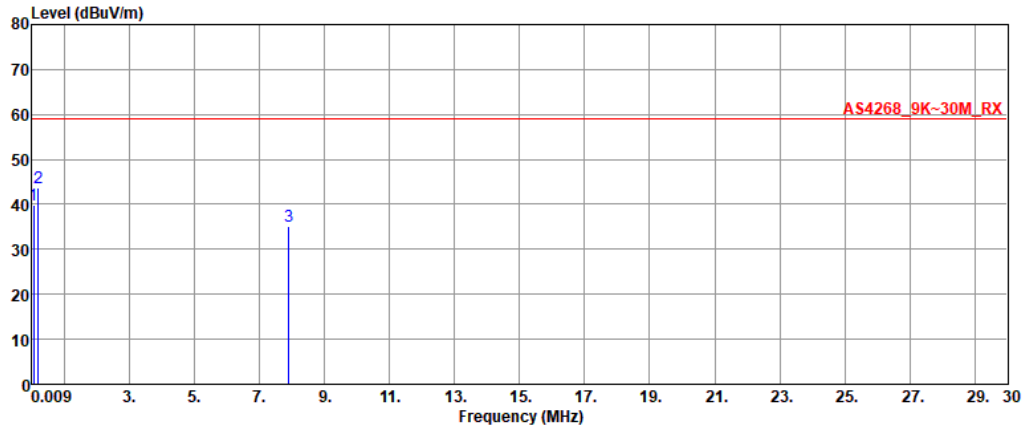
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 6: FlexPIFA Dual Band_EFB2455A3S-15MH4L

Emissions (≤ 30MHz)

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

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

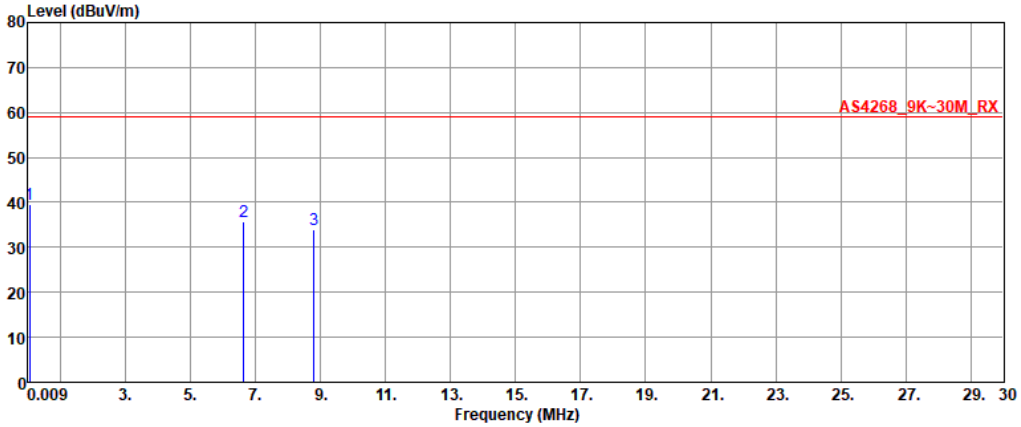


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.71	59.00	-19.29	19.85	19.86
2	0.19	43.81	59.00	-15.19	19.40	24.41
3	7.91	35.08	59.00	-23.92	20.50	14.58

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

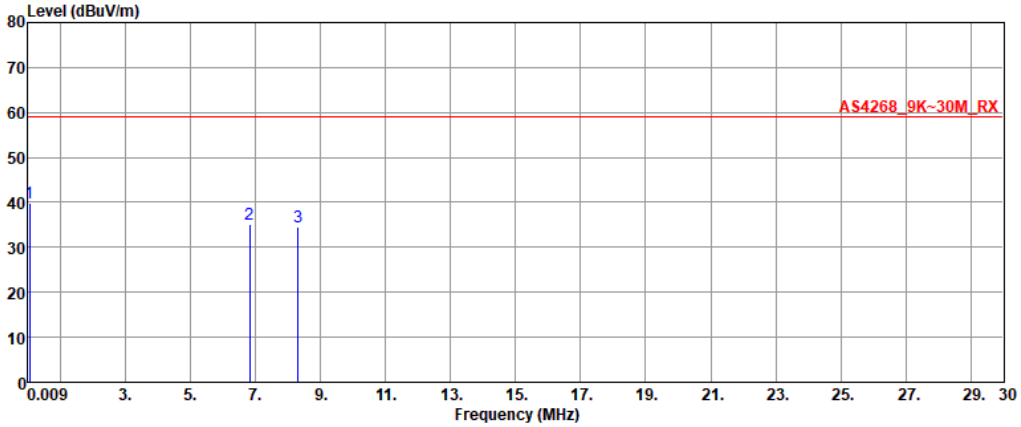


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.05	39.67	59.00	-19.33	19.91	19.76
2	6.65	35.71	59.00	-23.29	20.86	14.85
3	8.79	34.09	59.00	-24.91	20.48	13.61

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)**	5720
Frequency	9kHz~30MHz		

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

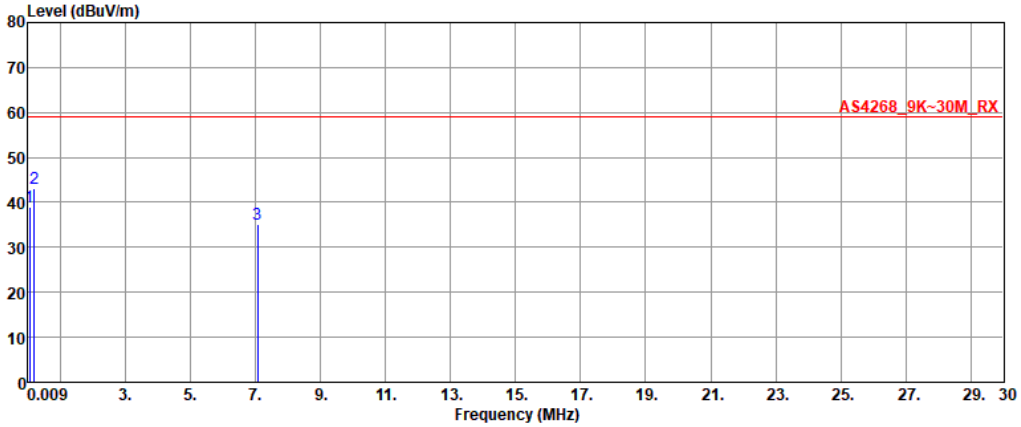


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.78	59.00	-19.22	19.86	19.92
2	6.83	35.23	59.00	-23.77	20.82	14.41
3	8.31	34.55	59.00	-24.45	20.48	14.07

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	39.03	59.00	-19.97	19.25	19.78
2	0.19	43.09	59.00	-15.91	19.40	23.69
3	7.07	35.16	59.00	-23.84	20.75	14.41

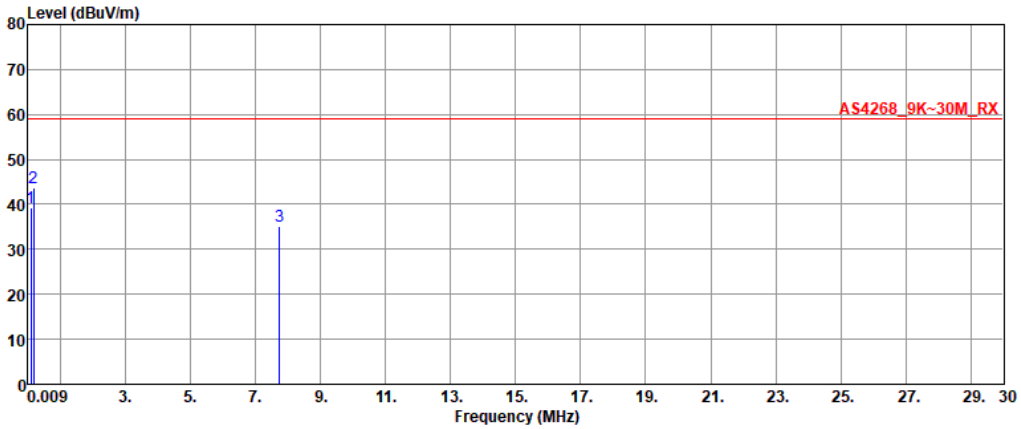
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Configuration 7: Mini NanoBlade Flex 6GHz_EMF2471A3S-10MH4L

Emissions (≤ 30MHz)

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

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

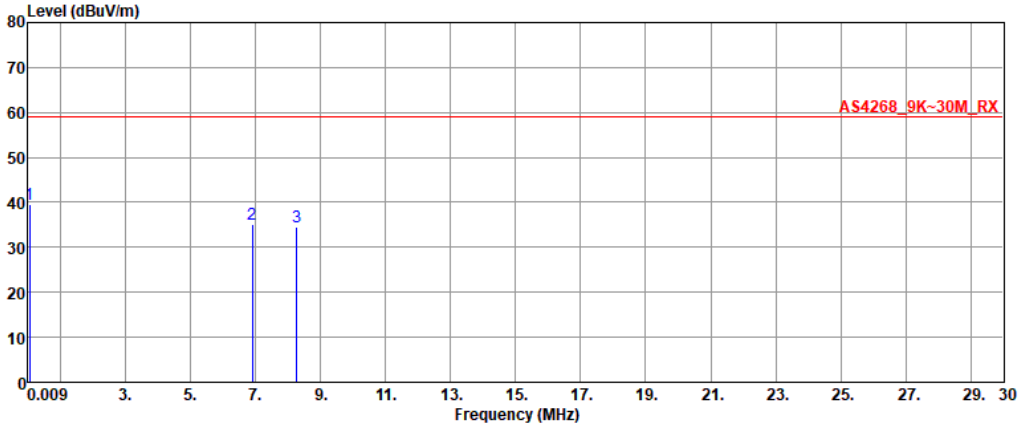


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.26	59.00	-19.74	18.94	20.32
2	0.18	43.55	59.00	-15.45	19.33	24.22
3	7.74	35.01	59.00	-23.99	20.55	14.46

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

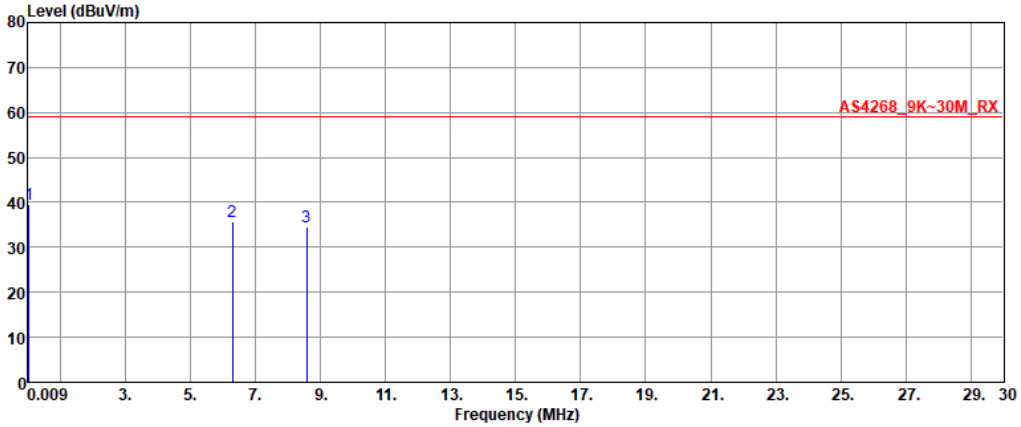


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.43	59.00	-19.57	19.15	20.28
2	6.91	35.02	59.00	-23.98	20.80	14.22
3	8.28	34.68	59.00	-24.32	20.48	14.20

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

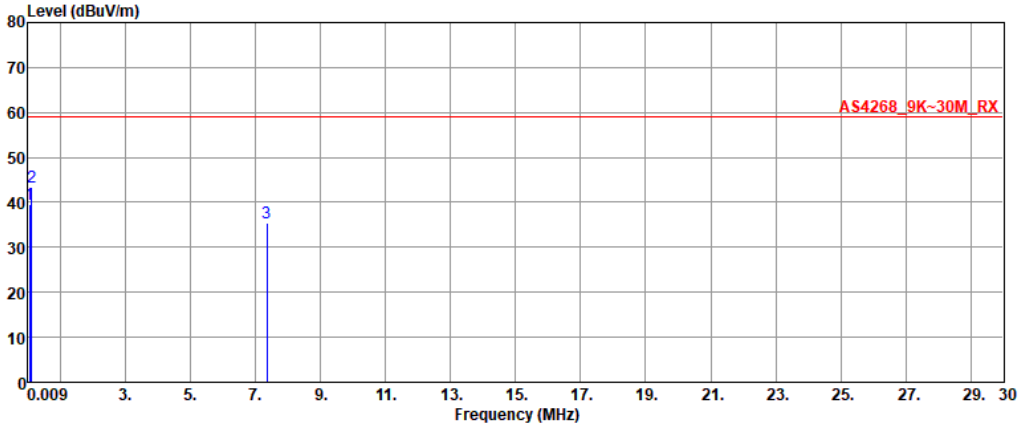


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.03	39.53	59.00	-19.47	19.83	19.70
2	6.29	35.87	59.00	-23.13	20.97	14.90
3	8.58	34.43	59.00	-24.57	20.48	13.95

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	39.46	59.00	-19.54	19.85	19.61
2	0.12	43.51	59.00	-15.49	18.88	24.63
3	7.35	35.45	59.00	-23.55	20.66	14.79

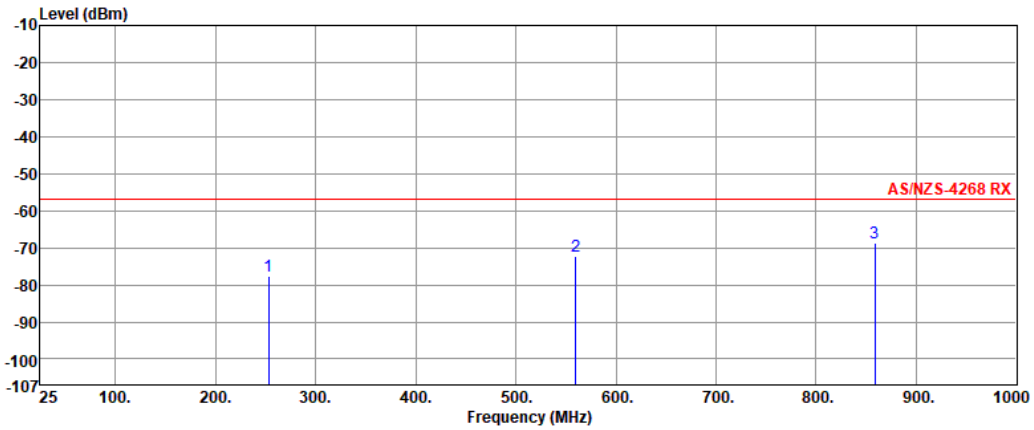
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

full RU configuration

Emissions (25MHz ~ 1GHz)

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

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

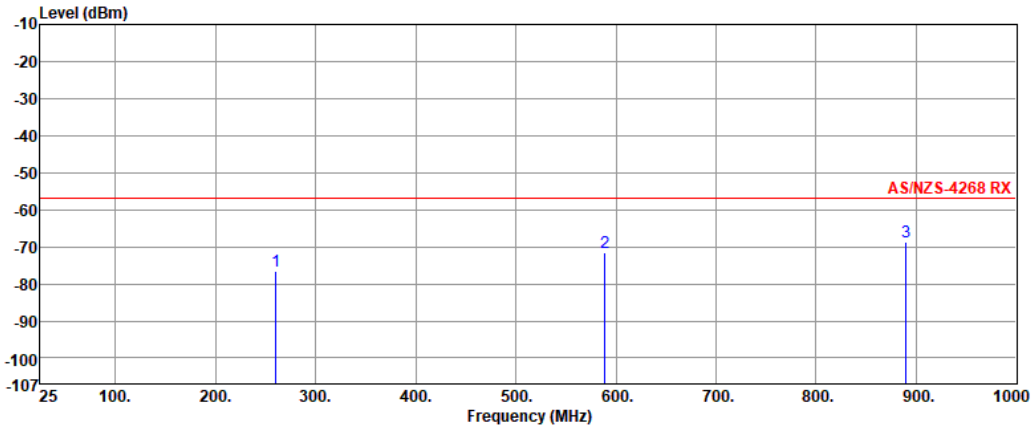


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	252.85	-77.74	-57.00	-20.74	-3.72	-74.02
2	559.84	-72.42	-57.00	-15.42	3.72	-76.14
3	858.89	-68.55	-57.00	-11.55	8.92	-77.47

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

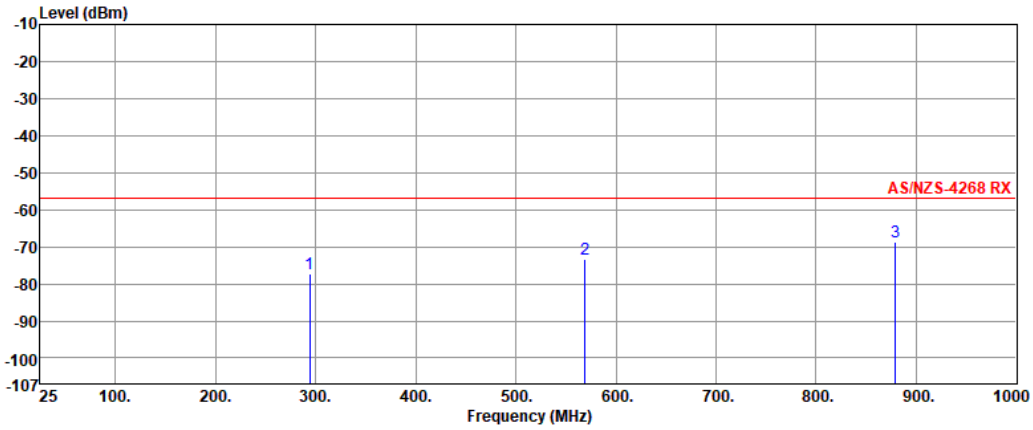


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	260.51	-76.51	-57.00	-19.51	-3.67	-72.84
2	588.78	-71.45	-57.00	-14.45	4.79	-76.24
3	889.78	-68.75	-57.00	-11.75	9.29	-78.04

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

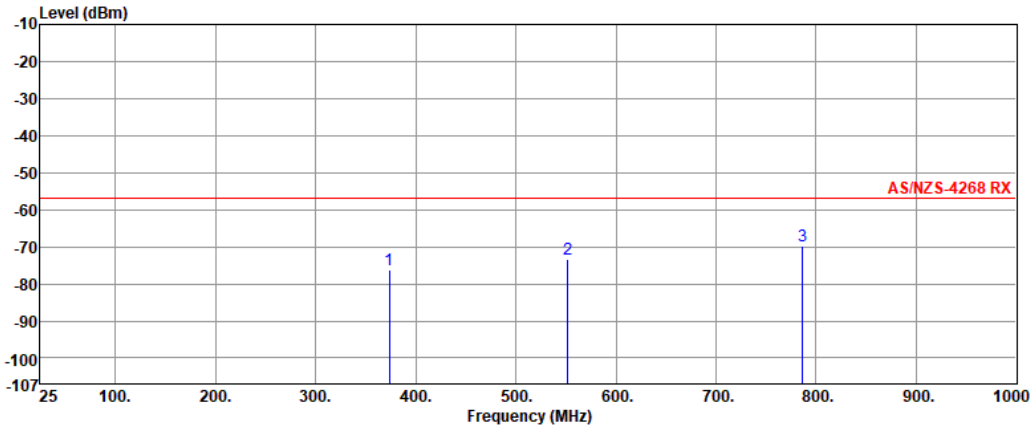


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	294.25	-77.20	-57.00	-20.20	-2.42	-74.78
2	569.45	-73.45	-57.00	-16.45	4.06	-77.51
3	879.47	-68.58	-57.00	-11.58	9.32	-77.90

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

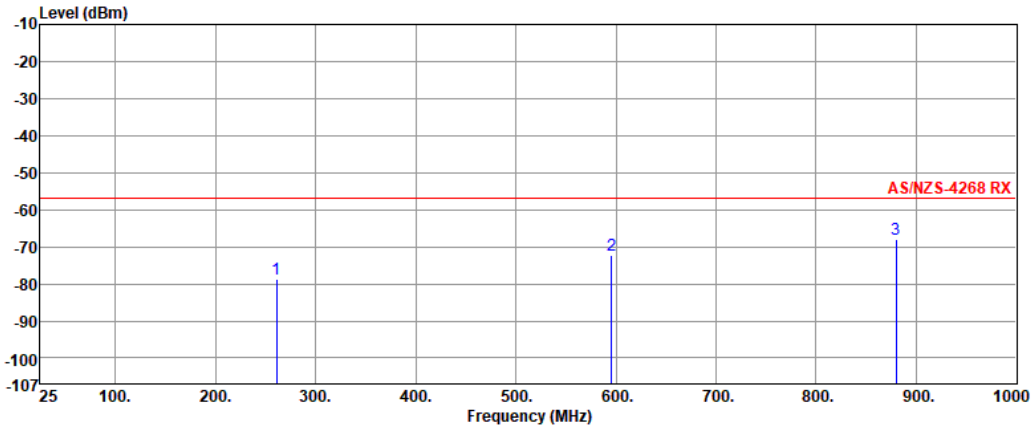


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	373.51	-76.12	-57.00	-19.12	-0.33	-75.79
2	551.87	-73.45	-57.00	-16.45	3.91	-77.36
3	786.24	-69.85	-57.00	-12.85	8.03	-77.88

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

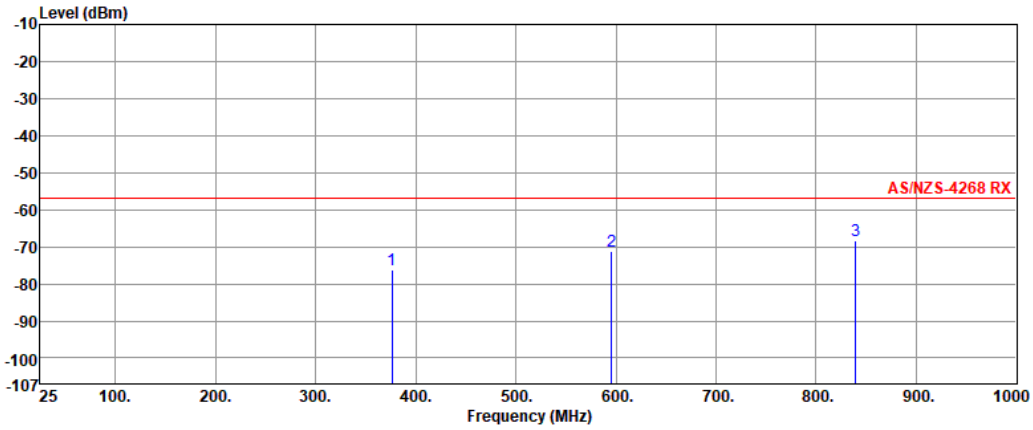


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	261.21	-78.71	-57.00	-21.71	-3.60	-75.11
2	595.54	-72.41	-57.00	-15.41	4.89	-77.30
3	879.84	-68.04	-57.00	-11.04	9.32	-77.36

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

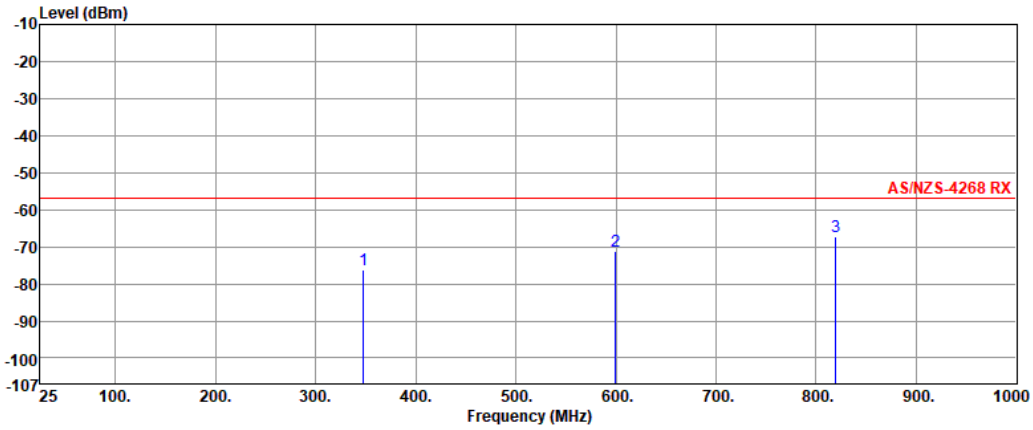


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	376.54	-76.23	-57.00	-19.23	-0.26	-75.97
2	595.41	-71.15	-57.00	-14.15	4.83	-75.98
3	839.84	-68.35	-57.00	-11.35	8.51	-76.86

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

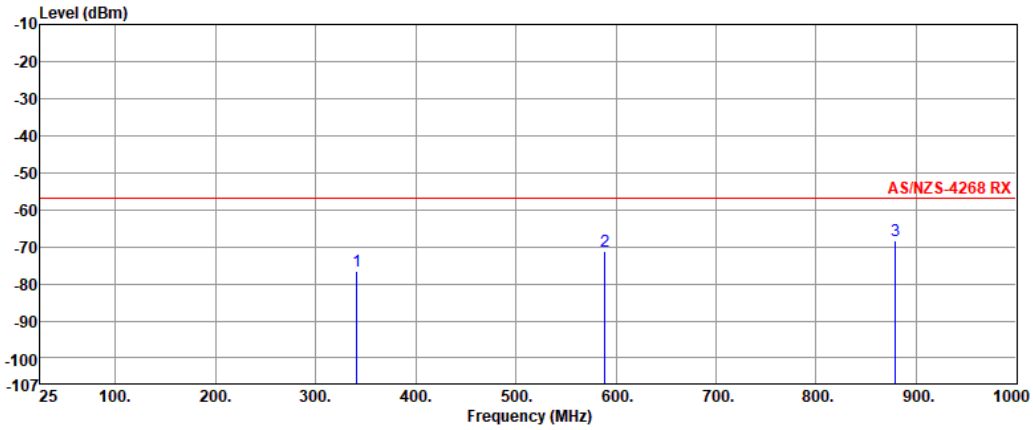


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	347.51	-76.13	-57.00	-19.13	-1.10	-75.03
2	599.49	-71.24	-57.00	-14.24	4.85	-76.09
3	819.51	-67.13	-57.00	-10.13	8.44	-75.57

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

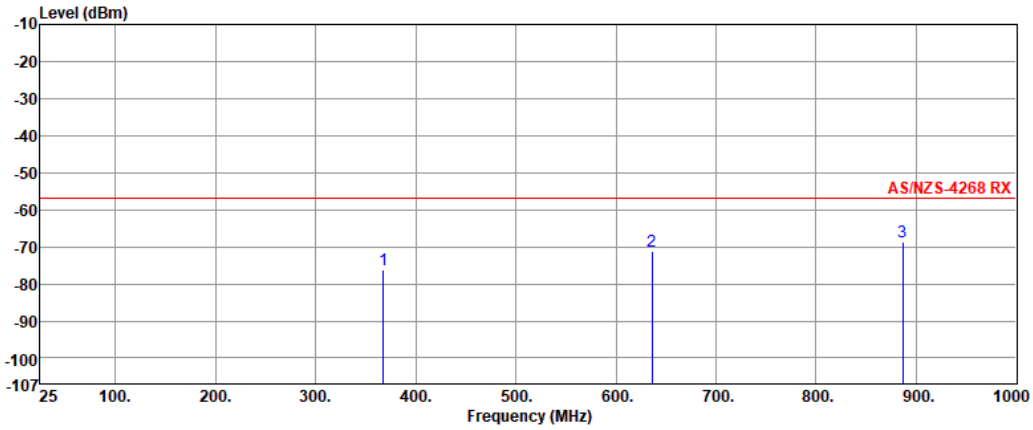


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	341.47	-76.56	-57.00	-19.56	-1.21	-75.35
2	589.12	-71.32	-57.00	-14.32	4.79	-76.11
3	879.58	-68.45	-57.00	-11.45	9.25	-77.70

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)**	5785
Polarization	Horizontal		

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

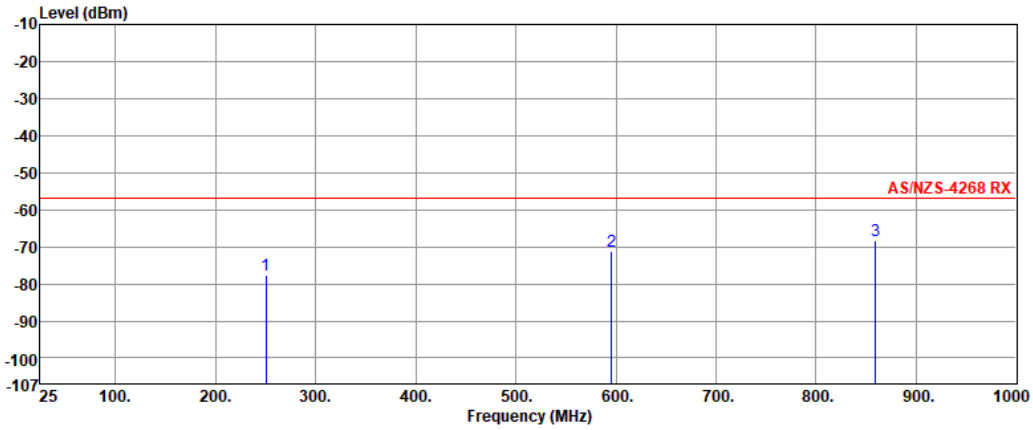


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	367.45	-76.25	-57.00	-19.25	-0.48	-75.77
2	636.40	-71.35	-57.00	-14.35	5.08	-76.43
3	886.52	-68.61	-57.00	-11.61	9.25	-77.86

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

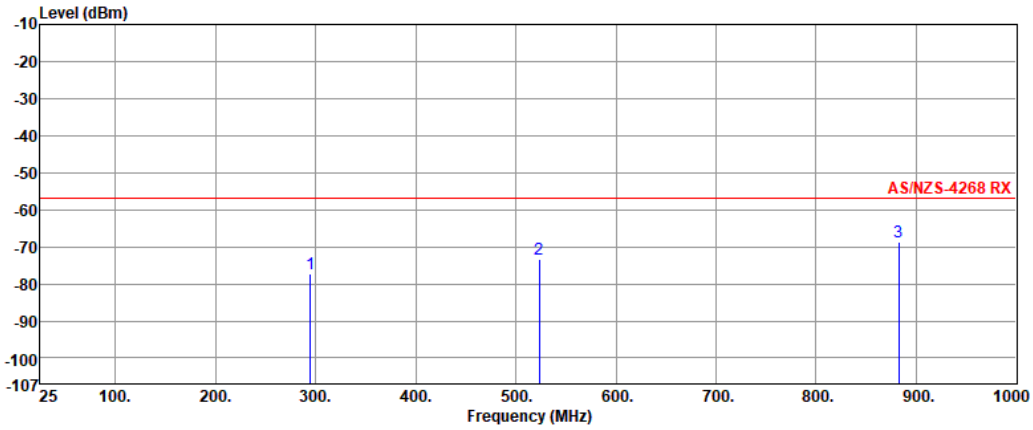


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	250.45	-77.54	-57.00	-20.54	-3.82	-73.72
2	595.78	-71.35	-57.00	-14.35	4.86	-76.21
3	859.40	-68.25	-57.00	-11.25	8.96	-77.21

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)**	5825
Polarization	Horizontal		

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

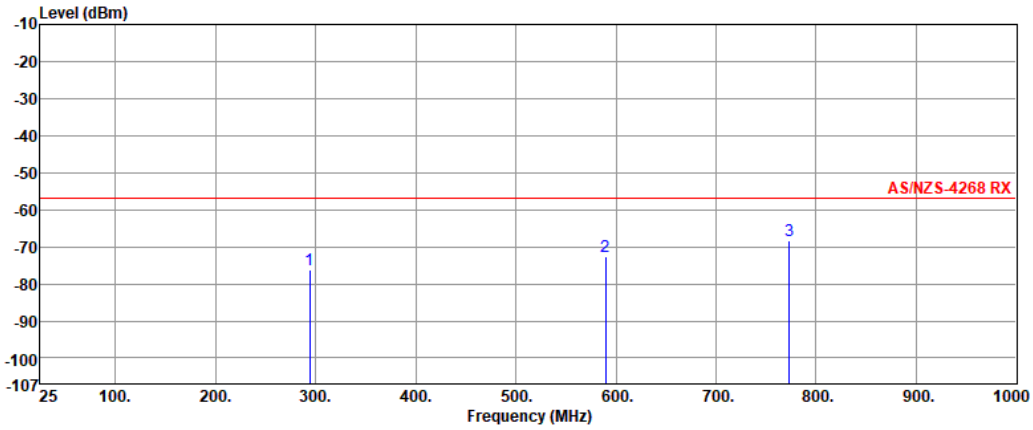


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	294.51	-77.31	-57.00	-20.31	-2.42	-74.89
2	523.47	-73.46	-57.00	-16.46	3.19	-76.65
3	882.90	-68.63	-57.00	-11.63	9.29	-77.92

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



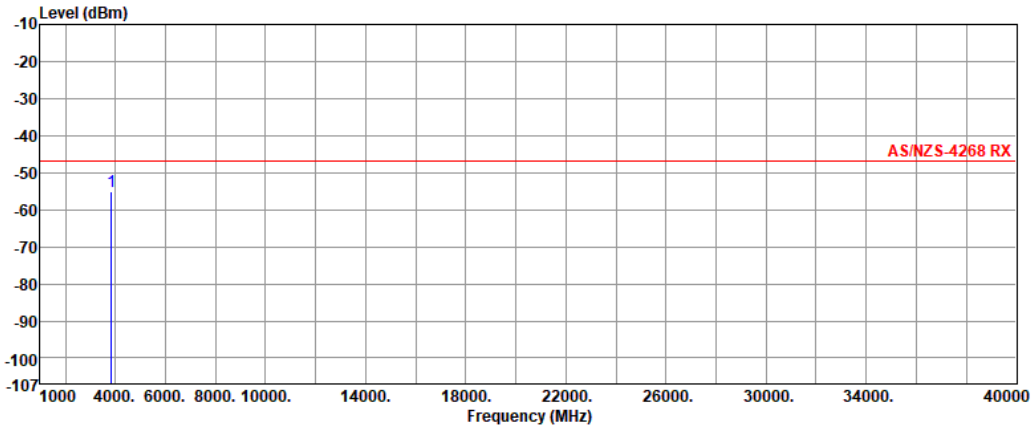
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	294.40	-76.21	-57.00	-19.21	-2.45	-73.76
2	589.78	-72.56	-57.00	-15.56	4.81	-77.37
3	773.48	-68.25	-57.00	-11.25	7.83	-76.08

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

Emissions (Above 1GHz)

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

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

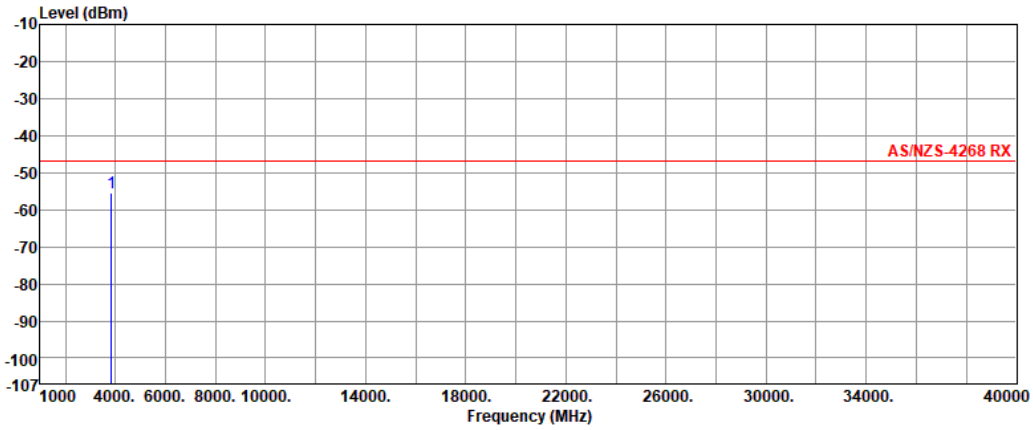


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3829.51	-54.99	-47.00	-7.99	7.37	-62.36

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

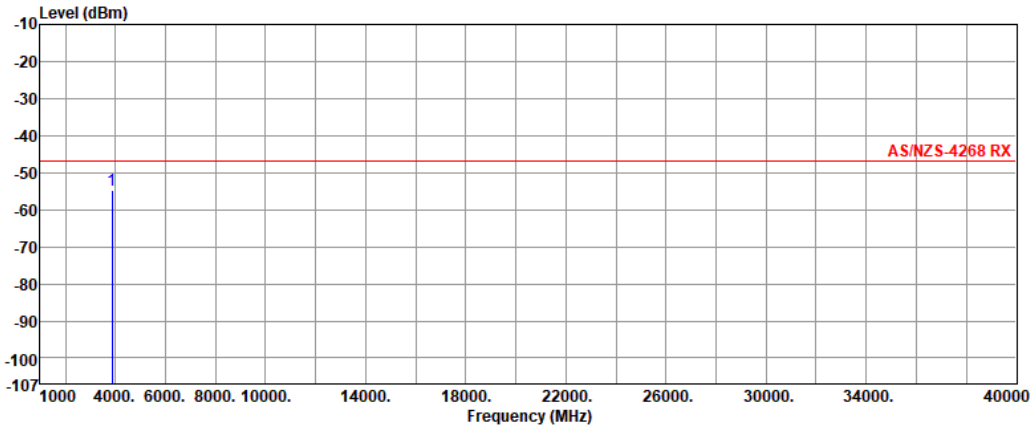


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3830.08	-55.46	-47.00	-8.46	6.82	-62.28

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

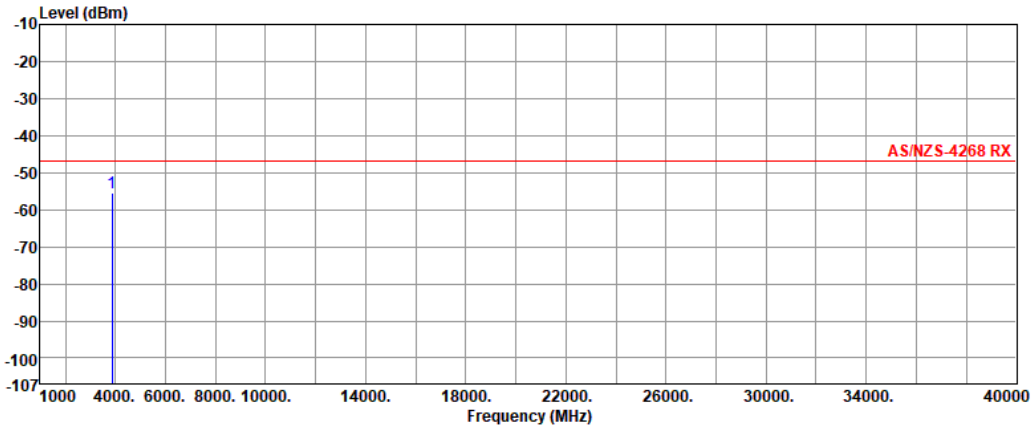


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3857.08	-54.63	-47.00	-7.63	7.79	-62.42

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

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

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

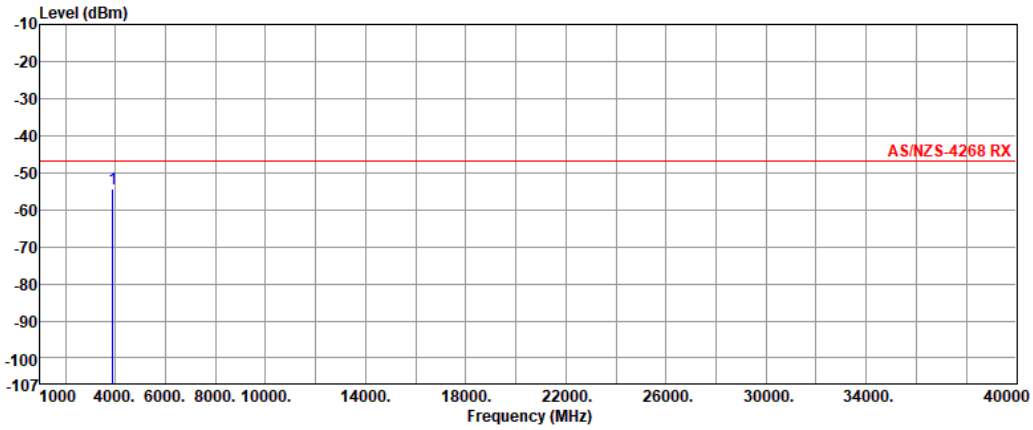


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3856.57	-55.28	-47.00	-8.28	6.99	-62.27

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

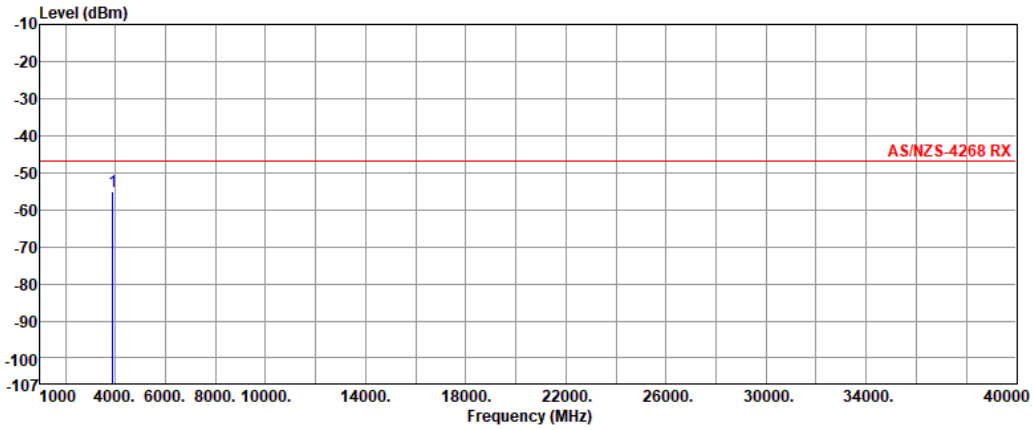


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3883.20	-54.55	-47.00	-7.55	8.17	-62.72

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

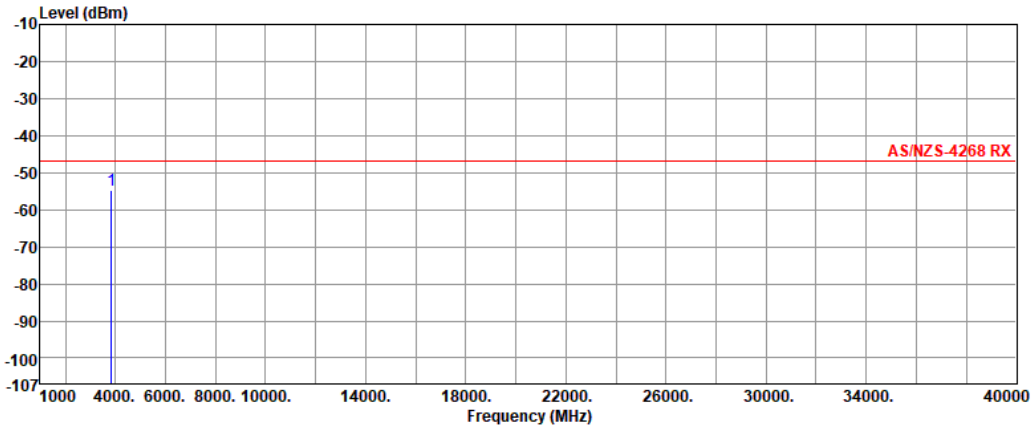


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3883.02	-55.08	-47.00	-8.08	7.16	-62.24

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

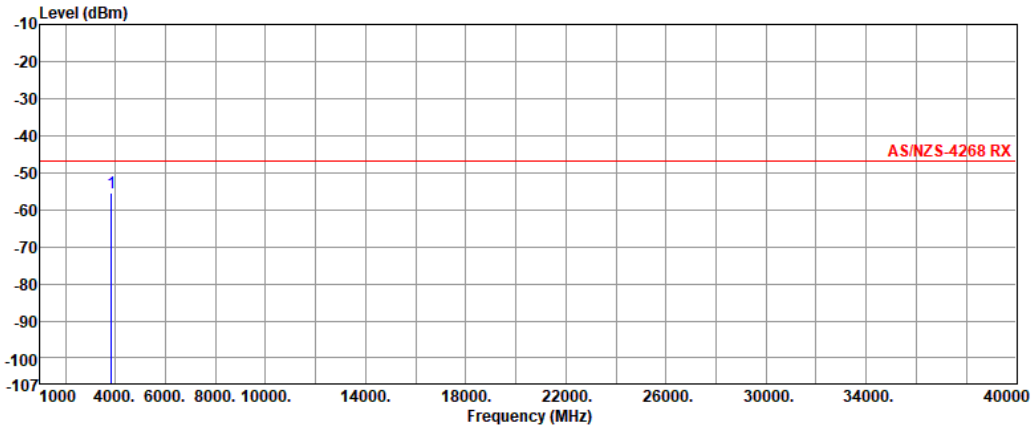


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3830.55	-54.77	-47.00	-7.77	7.40	-62.17

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

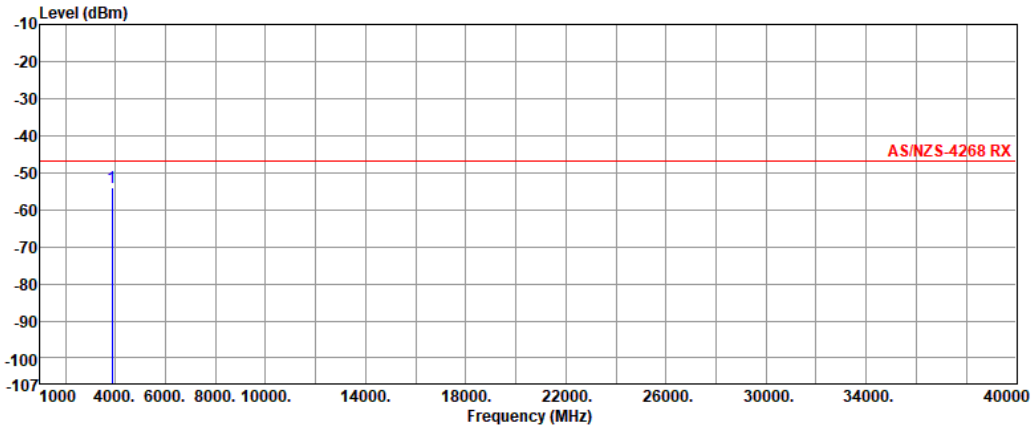


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3831.75	-55.44	-47.00	-8.44	6.83	-62.27

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

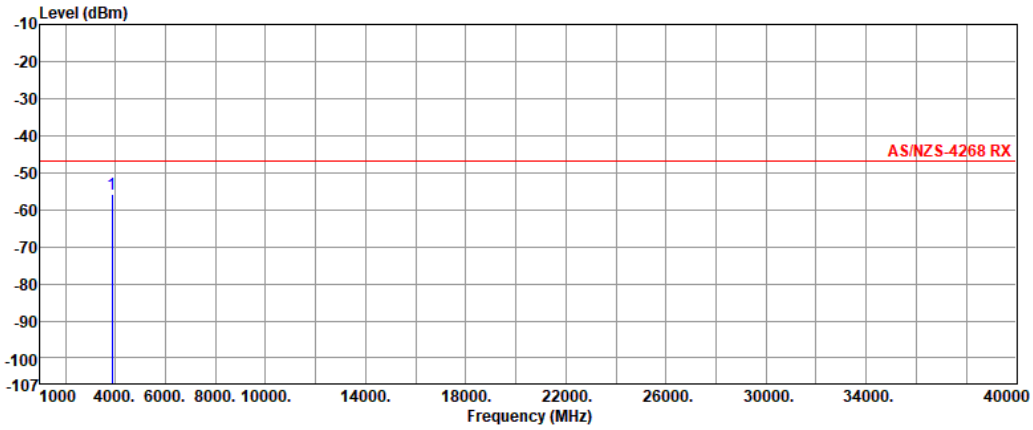


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3858.30	-54.00	-47.00	-7.00	7.80	-61.80

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

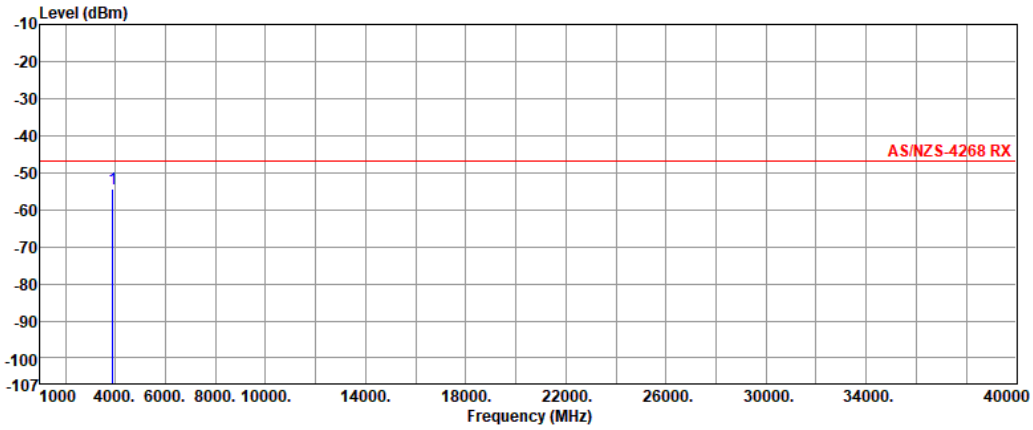


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3855.45	-55.82	-47.00	-8.82	6.98	-62.80

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

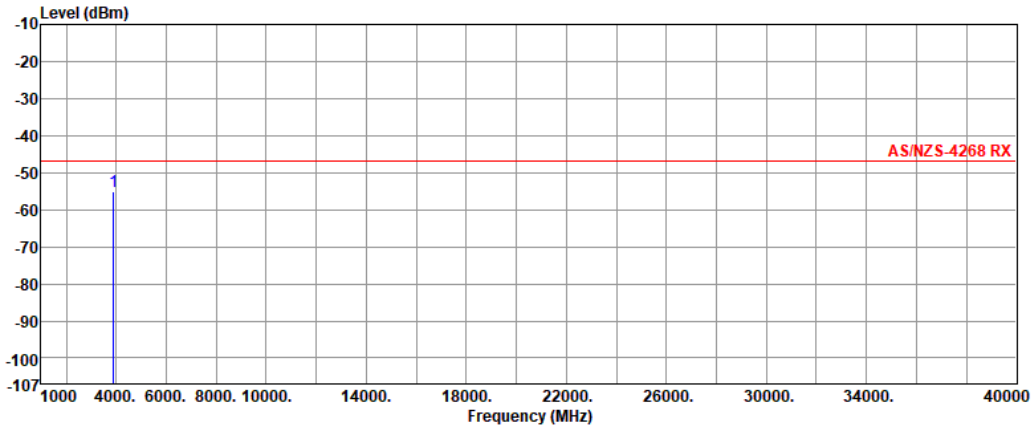


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3882.29	-54.22	-47.00	-7.22	8.15	-62.37

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	3883.66	-55.07	-47.00	-8.07	7.16	-62.23

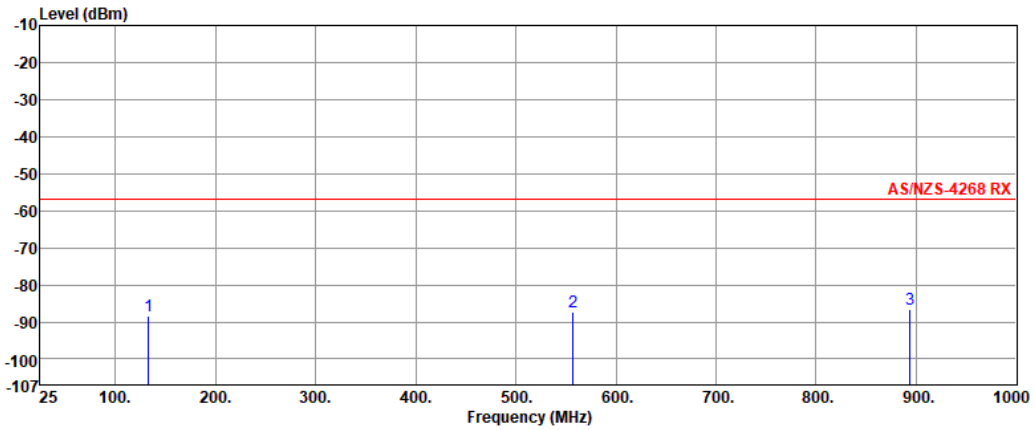
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)

full RU configuration

Emissions (25MHz ~ 1GHz)

Modulation	11a
Test Freq. (MHz)	5745

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

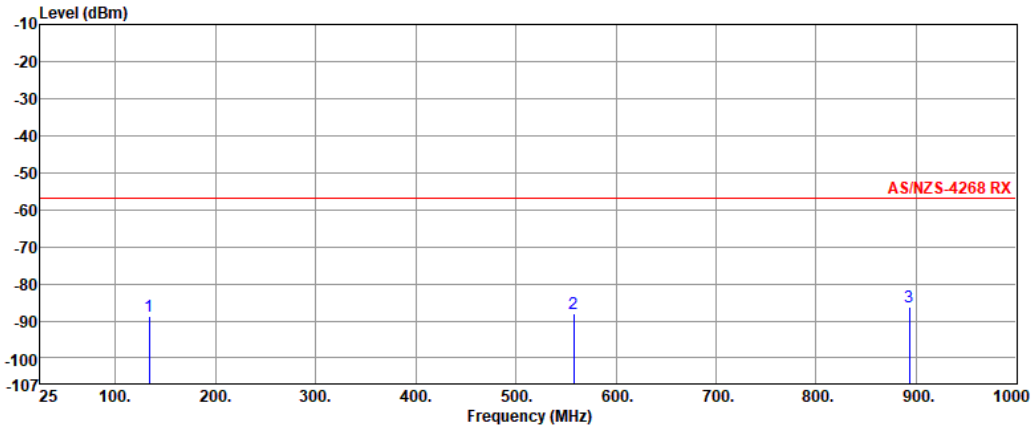


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	133.23	-88.47	-57.00	-31.47	0.00	-88.47
2	557.35	-87.33	-57.00	-30.33	0.00	-87.33
3	893.73	-86.75	-57.00	-29.75	0.00	-86.75

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

Modulation	11a
Test Freq. (MHz)	5785

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

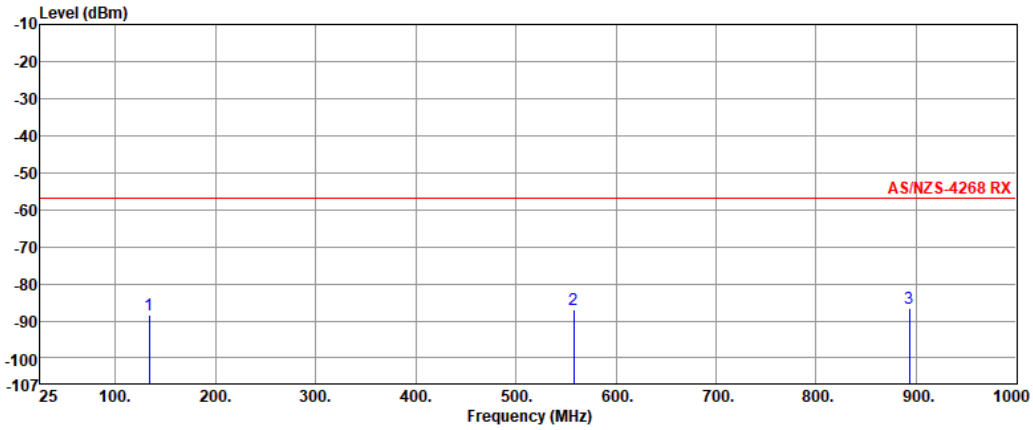


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	133.54	-88.65	-57.00	-31.65	0.00	-88.65
2	557.65	-87.86	-57.00	-30.86	0.00	-87.86
3	893.51	-86.20	-57.00	-29.20	0.00	-86.20

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

Modulation	11a
Test Freq. (MHz)	5825

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

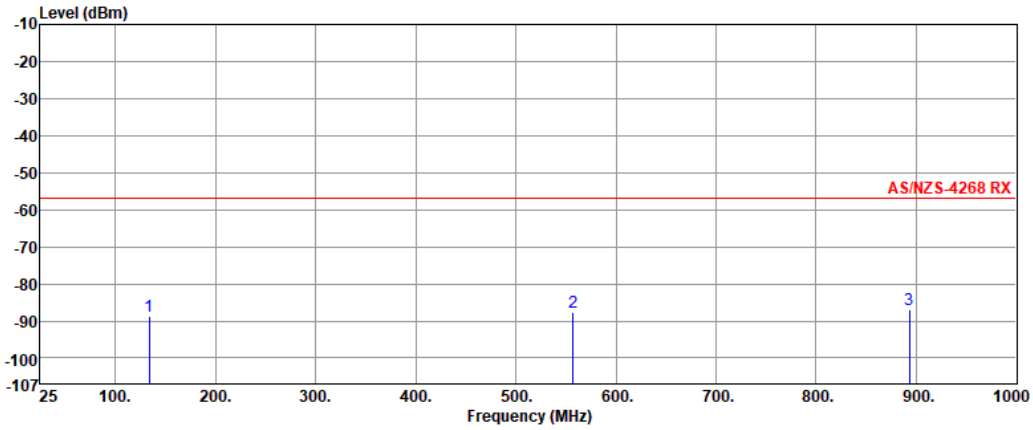


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	133.54	-88.54	-57.00	-31.54	0.00	-88.54
2	557.89	-87.10	-57.00	-30.10	0.00	-87.10
3	893.21	-86.75	-57.00	-29.75	0.00	-86.75

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

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

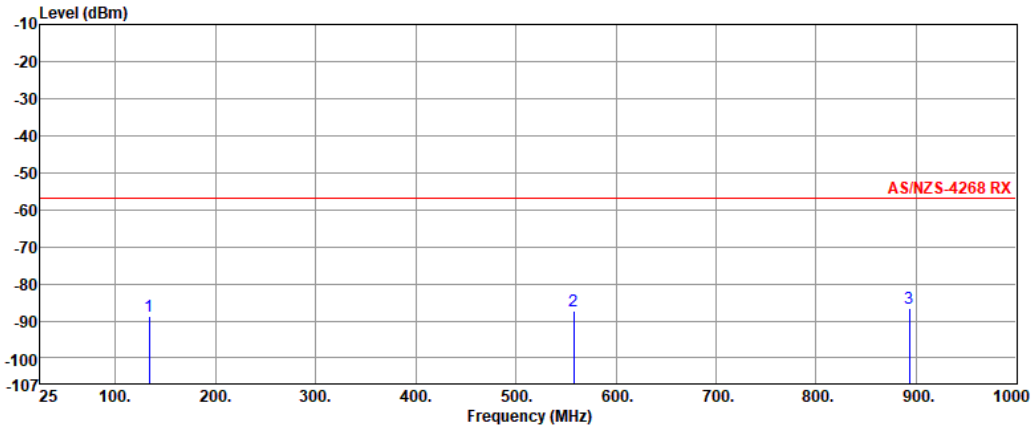


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	133.51	-88.89	-57.00	-31.89	0.00	-88.89
2	557.56	-87.85	-57.00	-30.85	0.00	-87.85
3	893.52	-86.87	-57.00	-29.87	0.00	-86.87

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

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

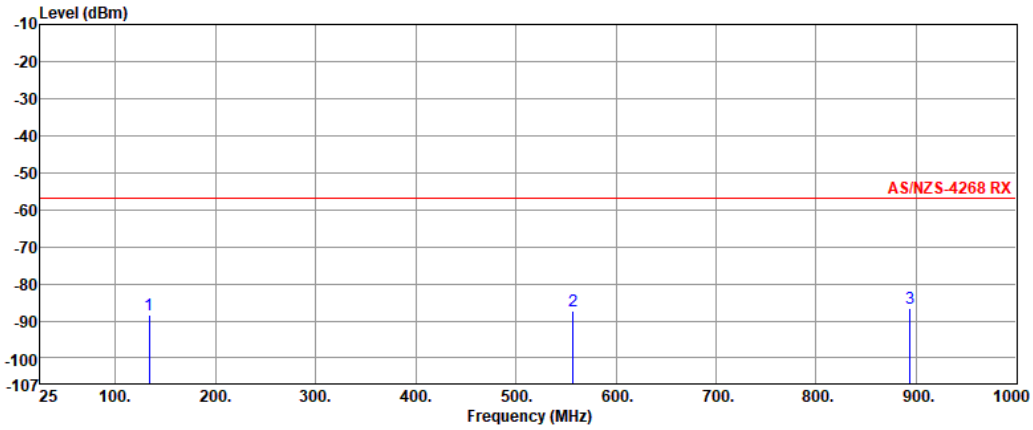


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	133.52	-88.85	-57.00	-31.85	0.00	-88.85
2	557.89	-87.32	-57.00	-30.32	0.00	-87.32
3	893.24	-86.75	-57.00	-29.75	0.00	-86.75

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

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



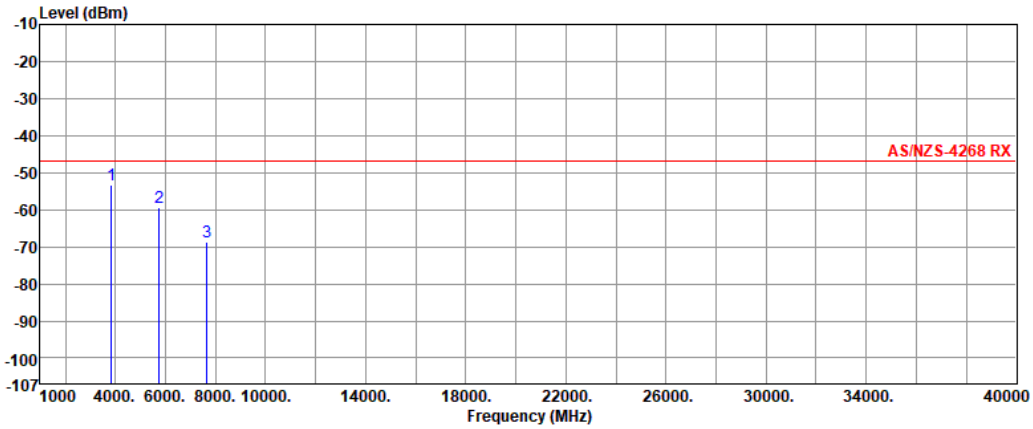
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	133.52	-88.54	-57.00	-31.54	0.00	-88.54
2	557.54	-87.21	-57.00	-30.21	0.00	-87.21
3	893.85	-86.51	-57.00	-29.51	0.00	-86.51

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

Emissions (Above 1GHz)

Modulation	11a
Test Freq. (MHz)	5745

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

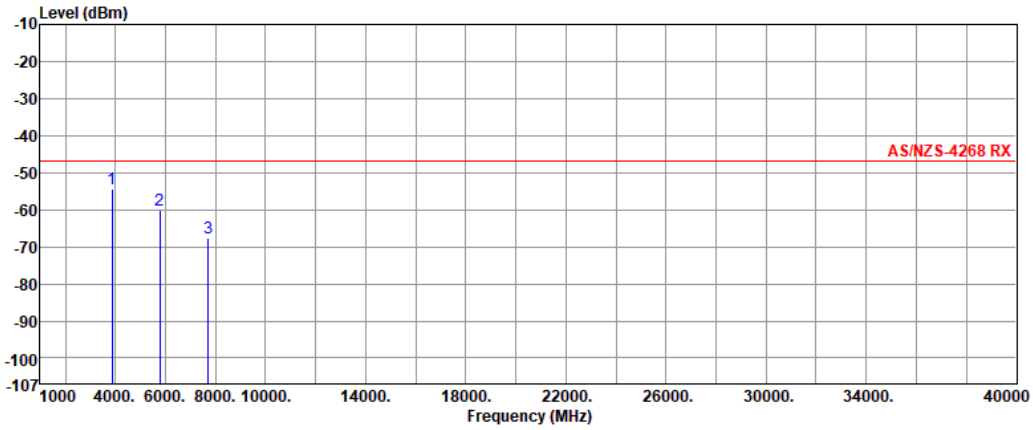


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3830.05	-53.20	-47.00	-6.20	0.00	-53.20
2	5744.95	-59.37	-47.00	-12.37	0.00	-59.37
3	7660.30	-68.69	-47.00	-21.69	0.00	-68.69

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

Modulation	11a
Test Freq. (MHz)	5785

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

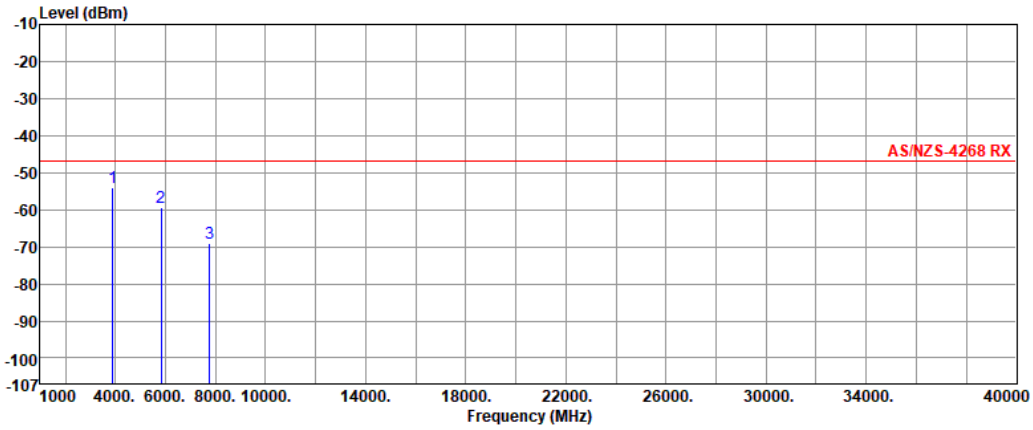


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3856.60	-54.30	-47.00	-7.30	0.00	-54.30
2	5784.99	-60.26	-47.00	-13.26	0.00	-60.26
3	7713.46	-67.79	-47.00	-20.79	0.00	-67.79

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

Modulation	11a
Test Freq. (MHz)	5825

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

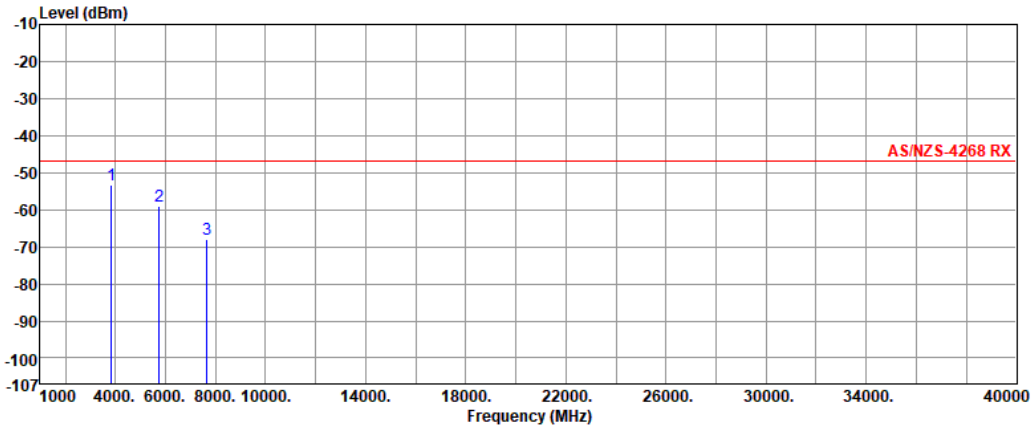


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3883.23	-54.12	-47.00	-7.12	0.00	-54.12
2	5824.95	-59.26	-47.00	-12.26	0.00	-59.26
3	7766.34	-69.04	-47.00	-22.04	0.00	-69.04

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)	5745

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

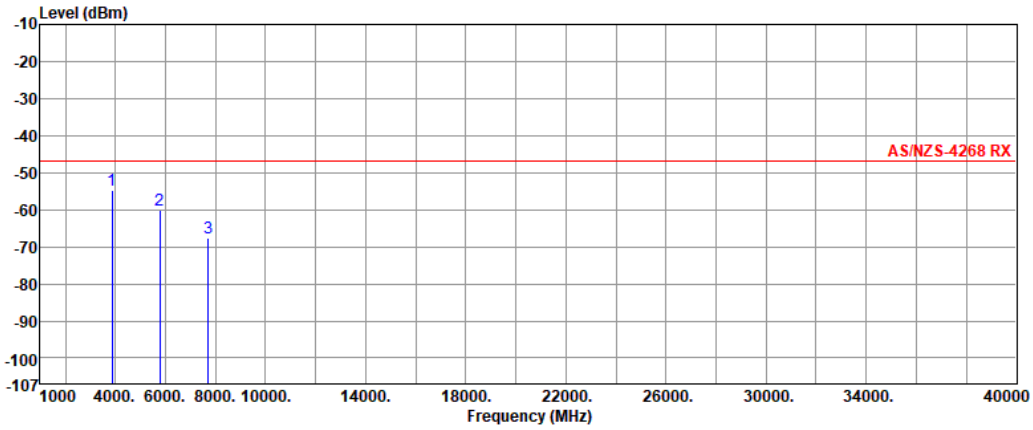


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3830.12	-53.13	-47.00	-6.13	0.00	-53.13
2	5744.45	-59.12	-47.00	-12.12	0.00	-59.12
3	7660.25	-68.11	-47.00	-21.11	0.00	-68.11

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)	5785

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

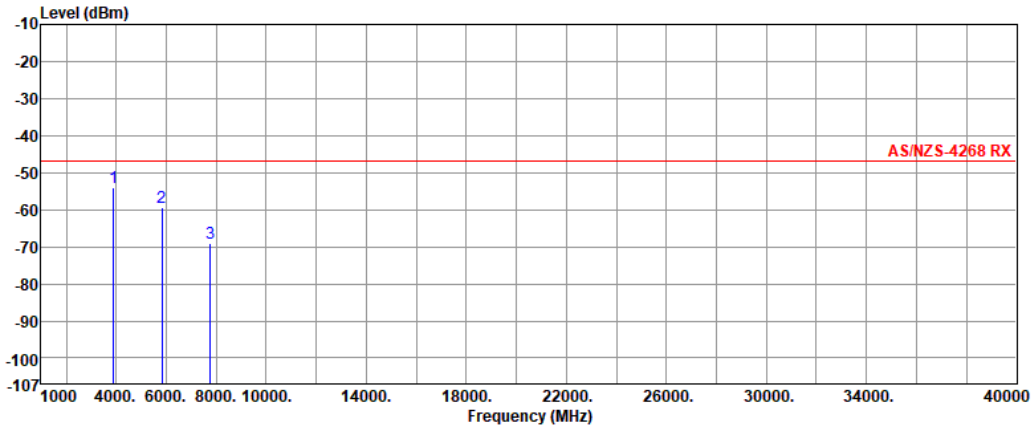


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3856.64	-54.77	-47.00	-7.77	0.00	-54.77
2	5784.88	-60.07	-47.00	-13.07	0.00	-60.07
3	7713.22	-67.68	-47.00	-20.68	0.00	-67.68

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)	5825

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



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3883.78	-54.12	-47.00	-7.12	0.00	-54.12
2	5824.15	-59.26	-47.00	-12.26	0.00	-59.26
3	7766.11	-69.03	-47.00	-22.03	0.00	-69.03

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