FCC Test Report

FCC ID	:	**2AJAC-AN820API**
Equipment	:	**Araknis Networks 820-series Wi-Fi 6 AX3600 Indoor Wireless Access Point**
Model No.	:	**AN-820-AP-I**
Brand Name	:	**Araknis Networks**
Applicant	:	**Snap One, LLC**
Address	:	**1800 Continental Blvd Suite 200-300 Charlotte, North Carolina 28273 USA**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Nov. 22, 2021**
Tested Date	:	**Dec. 22, 2021 ~ Jan. 13, 2022**

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:**
Along Chen / Assistant Manager	**Gary Chang / Manager**

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Release Record

Report No.	Version	Description	Issued Date
FR1N2202AN	Rev. 01	Initial issue	Mar. 07, 2022

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	[dBuV]: 0.447MHz 44.51 (Margin -2.42dB) - AV	Pass
15.407(b) 15.209	Radiated Emissions	[dBuV/m at 3m]: 11650.00MHz 53.78 (Margin -0.22dB) - AV	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	RF Output Power	Max Power [dBm]: 5150~5250MHz: 28.17 5250~5350MHz: 22.14 5470~5725MHz: 23.52 5725~5850MHz: 29.66	Pass
15.407(a)	Peak 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

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 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**
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-31
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-31
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	4	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	4	MCS 0-11
Note 1: OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation. Note 2: 802.11ax supports beamforming function.					

1.1.2 Antenna Details

Ant. No.	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	5718A0660300	PIFA	UFL	4.67	--	--	--	--
2	5718A0374300	PIFA	UFL	4.67	--	--	--	--
3	5718A0673300	PIFA	UFL	4.67	--	--	--	--
4	5718A0386300	PIFA	UFL	4.67	--	--	--	--
5	5718A0424300	PIFA	UFL	--	4.99	4.99	4.99	4.99
6	5718A0212300	PIFA	UFL	--	4.99	4.99	4.99	4.99
7	5718A0212300	PIFA	UFL	--	4.99	4.99	4.99	4.99
8	5718A0529300	PIFA	UFL	--	4.99	4.99	4.99	4.99

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	12V from AC adapter 54V from POE

Note: The above power supplies are not bundled in market.

1.1.4 Accessories

Accessories		
No.	Equipment	Description
1	RJ45 cable	0.24m non-shielded without core

1.1.5 Channel List

802.11a / n HT20 / ac VHT20 / ax HE20		802.11n HT40 / ac VHT40 / ax HE40	
Channel	**Frequency(MHz)**	**Channel**	**Frequency(MHz)**
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	118	5590
64	5320	126	5630
100	5500	134	5670
104	5520	142	5710
108	5540	151	5755
112	5560	159	5795
116	5580	**802.11ac VHT80 / ax HE80**	
120	5600	42	5210
124	5620	58	5290
128	5640	106	5530
132	5660	122	5610
136	5680	138	5690
140	5700	155	5775
144	5720	---	---
149	5745	---	---
153	5765	---	---
157	5785	---	---
161	5805	---	---
165	5825	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	QSPR, V5.0-00195		
Duty Cycle and Duty Factor	**Mode**	**Duty Cycle (%)**	**Duty Factor (dB)**
	11a	96.14%	0.17
	ax HE20-OFDMA	89.67%	0.47
	ax HE40-OFDMA	82.83%	0.82
	ax HE80-OFDMA	59.62%	2.25

1.1.7 Power Index of Test Tool

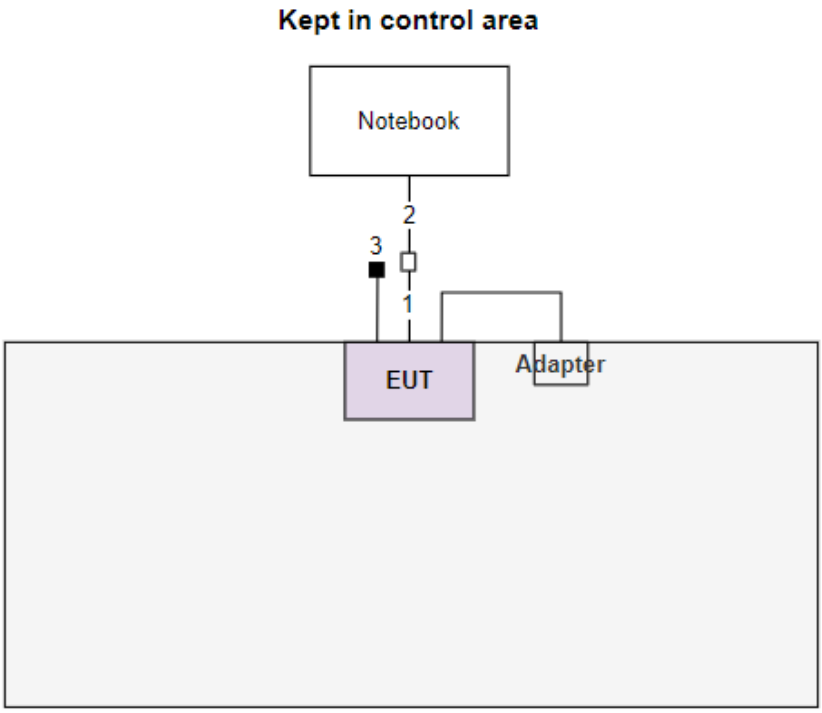
Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	18
11a	5200	18
11a	5240	18.5
11a	5260	12.5
11a	5300	12
11a	5320	12.5
11a	5500	12
11a	5580	12.5
11a	5700	11.5
11a	5720	12
11a	5745	22
11a	5785	22
11a	5825	22
ax HE20-OFDMA	5180	18.5
ax HE20-OFDMA	5200	18.5
ax HE20-OFDMA	5240	18.5
ax HE20-OFDMA	5260	13
ax HE20-OFDMA	5300	12.5
ax HE20-OFDMA	5320	12.5
ax HE20-OFDMA	5500	12
ax HE20-OFDMA	5580	13
ax HE20-OFDMA	5700	11.5
ax HE20-OFDMA	5720	11.5
ax HE20-OFDMA	5745	23
ax HE20-OFDMA	5785	23
ax HE20-OFDMA	5825	23

ax HE40-OFDMA	5190	17.5
ax HE40-OFDMA	5230	22
ax HE40-OFDMA	5270	15.5
ax HE40-OFDMA	5310	15.5
ax HE40-OFDMA	5510	15.5
ax HE40-OFDMA	5590	16
ax HE40-OFDMA	5670	14.5
ax HE40-OFDMA	5710	14.5
ax HE40-OFDMA	5755	18
ax HE40-OFDMA	5795	23.5
ax HE80-OFDMA	5210	16.5
ax HE80-OFDMA	5290	14.5
ax HE80-OFDMA	5530	16.5
ax HE80-OFDMA	5610	17
ax HE80-OFDMA	5690	16
ax HE80-OFDMA	5775	20.5

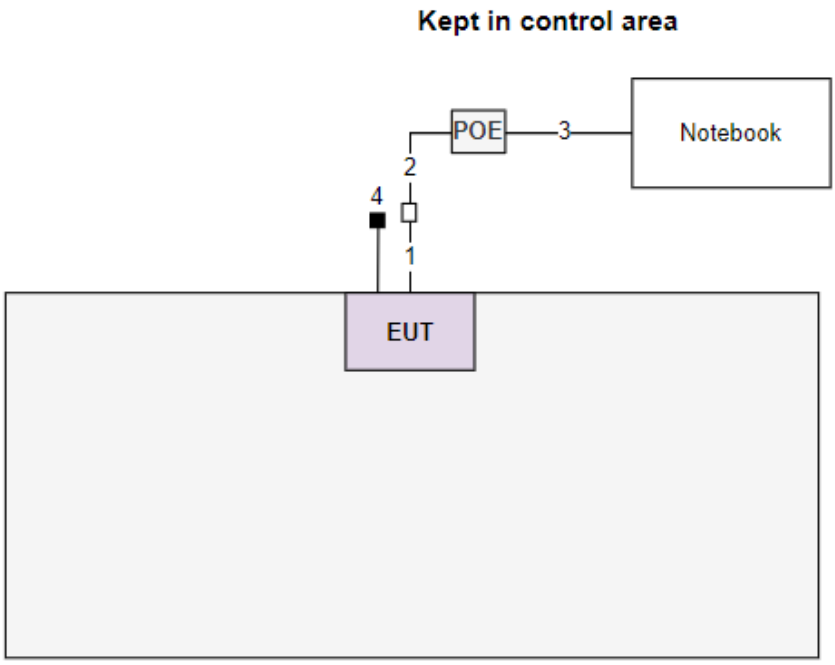
1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Notebook	DELL	Latitude E5470	DoC	---
2	Adapter	ASIAN POWER DEVICES INC.	WA-48B12FU	---	Remarks: I/P: 100-240V~, 50~60Hz, 1.5A Max. O/P: 12V⎓4A 48W (Provided by applicant.)
3	POE	EnGenius	PNA60BGS-54	---	Remarks: I/P: 100-240V~, 50~60Hz, 1.5A O/P: 54V⎓1.11A (Provided by applicant.)
4	RJ45 load	ICC	---	---	---

1.3 Test Setup Chart

Test Setup Diagram (Adapter mode)


No.	Signal cable / Length (m)
1	RJ45, 0.24m non-shielded.
2	RJ45, 10m non-shielded.
3	RJ45, 1.3m non-shielded with load.

Test Setup Diagram (POE mode)


No.	Signal cable / Length (m)
1	RJ45, 0.24m non-shielded.
2	RJ45, 10m non-shielded.
3	RJ45, 1.3m non-shielded.
4	RJ45, 1.3m non-shielded with load.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Jan. 03, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 08, 2021	Feb. 07, 2022
LISN	R&S	ENV216	101579	Mar. 17, 2021	Mar. 16, 2022
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-477	Feb. 25, 2021	Feb. 24, 2022
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 19, 2021	Oct. 18, 2022
50 ohm terminal (Support Unit)	NA	50	04	May 25, 2021	May 24, 2022
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Dec. 22, 2021 ~ Jan. 07, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 12, 2021	Mar. 11, 2022
Spectrum Analyzer	R&S	FSV40	101499	Mar. 02, 2021	Mar. 01, 2022
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 08, 2021	Nov. 07, 2022
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	May 06, 2021	May 05, 2022
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 20, 2021	Dec. 19, 2022
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 04, 2021	Nov. 03, 2022
Preamplifier	EMC	EMC02325	980187	Jul. 26, 2021	Jul. 25, 2022
Preamplifier	Agilent	83017A	MY39501309	Sep. 06, 2021	Sep. 05, 2022
Preamplifier	EMC	EMC184045B	980192	Jul. 14, 2021	Jul. 13, 2022
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 05, 2021	Oct. 04, 2022
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800 -001	Sep. 24, 2021	Sep. 23, 2022
LF cable-3M	EMC	EMC8D-NM-NM-300 0	131103	Sep. 24, 2021	Sep. 23, 2022
LF cable-13M	EMC	EMC8D-NM-NM-130 00	131104	Sep. 24, 2021	Sep. 23, 2022
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 24, 2021	Sep. 23, 2022
RF cable-8M	EMC	EMC104-SM-SM-80 00	181107	Sep. 24, 2021	Sep. 23, 2022
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Jan. 12 ~ Jan. 13, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101498	Nov. 29, 2021	Nov. 28, 2022
Power Meter	Anritsu	ML2495A	1241002	Nov. 07, 2021	Nov. 06, 2022
Power Sensor	Anritsu	MA2411B	1207366	Nov. 07, 2021	Nov. 06, 2022
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 03, 2021	Dec. 02, 2022
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	May 25, 2021	May 24, 2022
Measurement Software	Sporton	SENSE-15247_DTS	V5.10	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.407
ANSI C63.10-2013

1.6 Reference Guidance

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

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Radiated emission ≤ 1GHz	±3.96 dB
Radiated emission > 1GHz	±4.9 dB
Time	±0.1%
Temperature	±0.4 °C

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)
Test Site	03CH03-WS
Address of Test Site	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 333, Taiwan (R.O.C.)

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

2.2 The Worst Test Modes and Channel Details

Frequency band 5150~5250 MHz / 5250~5350 MHz / 5470~5725 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate (Mbps) / MCS**	**Test Configuration**
Non-beamforming mode				
Conducted Emissions	ax HE40-OFDMA	5230	MCS 0	1, 2
Radiated Emissions ≤1GHz	ax HE40-OFDMA	5230	MCS 0	1, 2
RF Output Power Radiated Emissions >1GHz Emission Bandwidth Peak Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	1
	ax HE20-OFDMA	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	ax HE40-OFDMA	5190 / 5230/ 5270 / 5310 / 5510 / 5590 / 5670 / 5710	MCS 0	
	ax HE80-OFDMA	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
Frequency Stability	Un-modulation	5260	---	1
Beamforming mode				
RF Output Power	ax HE20-OFDMA	5180 / 5200 / 5240 / 5260 / 5300 / 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	1
	ax HE40-OFDMA	5190 / 5230/ 5270 / 5310 / 5510 / 5590 / 5670 / 5710	MCS 0	
	ax HE80-OFDMA	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
NOTE: 1. Test Configurations are listed as follows: 1) Test Configuration 1: POE mode 2) Test Configuration 2: Adapter mode				

Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate (Mbps) / MCS**	**Test Configuration**
Non-beamforming mode				
Conducted Emissions	ax HE40-OFDMA	5795	MCS 0	1, 2
Radiated Emissions ≤1GHz	ax HE40-OFDMA	5795	MCS 0	1, 2
RF Output Power Radiated Emissions >1GHz Emission Bandwidth 6dB bandwidth Peak Power Spectral Density	11a	5745 / 5785 / 5825	6 Mbps	1
	ax HE20-OFDMA	5745 / 5785 / 5825	MCS 0	
	ax HE40-OFDMA	5755 / 5795	MCS 0	
	ax HE80-OFDMA	5775	MCS 0	
Frequency Stability	Un-modulation	5785	---	1
Beamforming mode				
RF Output Power	ax HE20-OFDMA	5745 / 5785 / 5825	MCS 0	1
	ax HE40-OFDMA	5755 / 5795	MCS 0	
	ax HE80-OFDMA	5775	MCS 0	
NOTE: 1. Test Configurations are listed as follows: 1) Test Configuration 1: POE mode 2) Test Configuration 2: Adapter mode				

3 Transmitter Test Results

3.1 Conducted Emissions

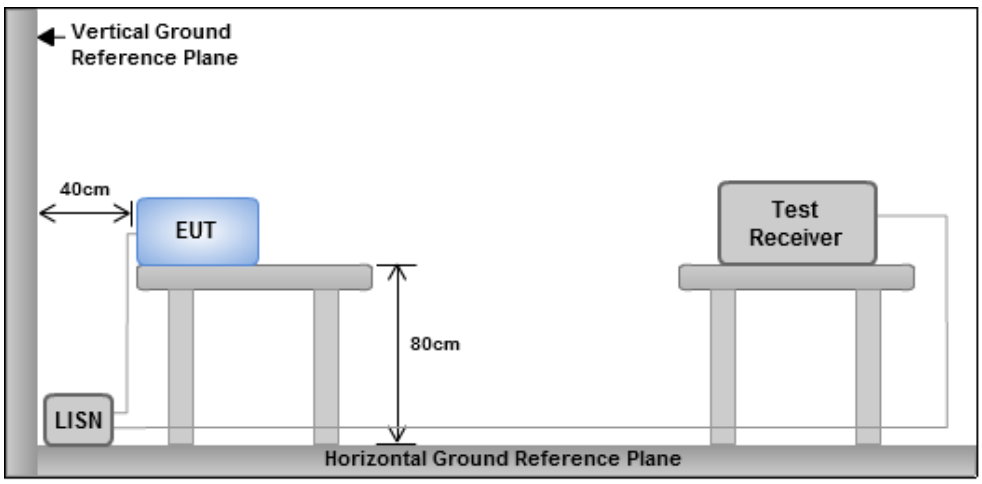
3.1.1 Limit of Conducted Emissions

Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 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

3.1.3 Test Setup



Note: 1. Support units were connected to second LISN.

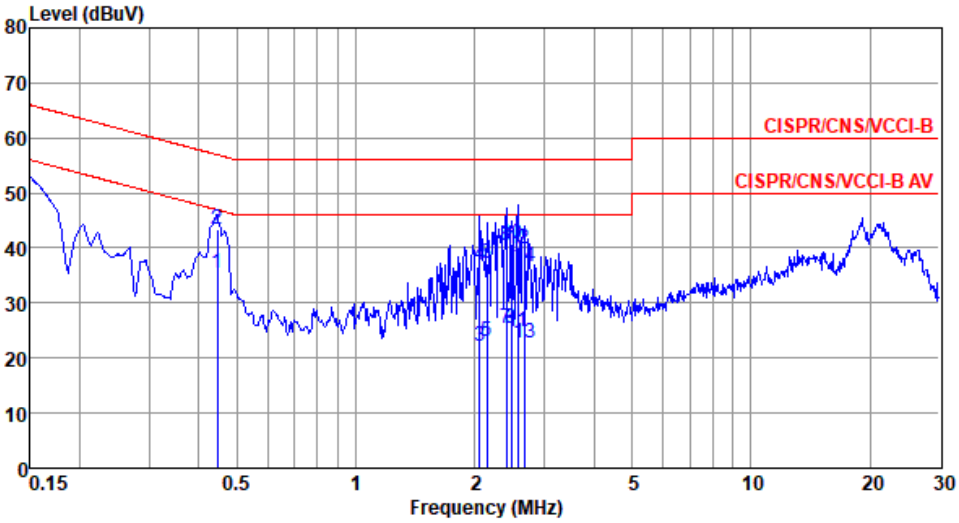
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

POE mode

3.1.4 Test Result of Conducted Emissions

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5230
Power Phase	Line		

Test by : Joe Liao Temperature: 22°C Humidity: 62%

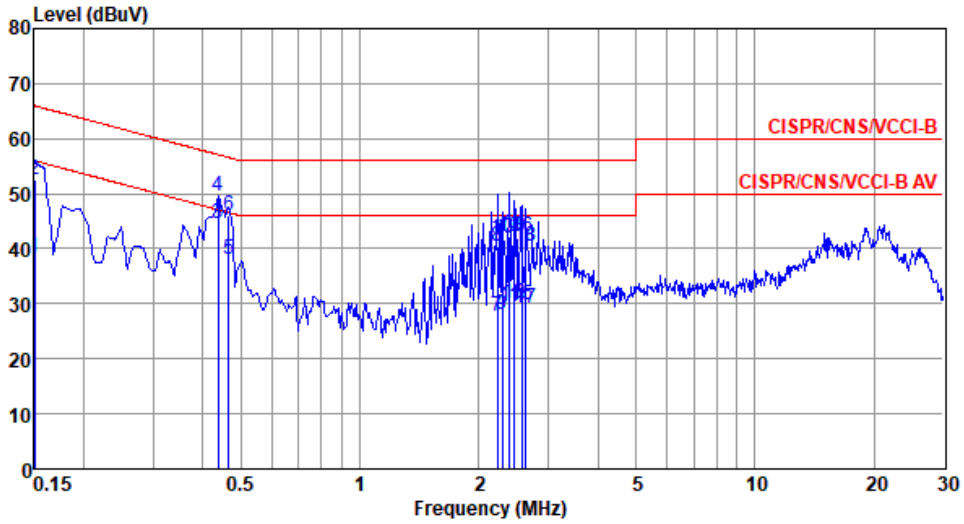


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1*	0.447	35.29	46.93	-11.64	25.20	9.64	0.09	0.36	Average
2	0.447	43.40	56.93	-13.53	33.31	9.64	0.09	0.36	QP
3	2.055	22.17	46.00	-23.83	11.92	9.66	0.20	0.39	Average
4	2.055	36.91	56.00	-19.09	26.66	9.66	0.20	0.39	QP
5	2.144	23.16	46.00	-22.84	12.91	9.66	0.20	0.39	Average
6	2.144	37.20	56.00	-18.80	26.95	9.66	0.20	0.39	QP
7	2.409	25.38	46.00	-20.62	15.12	9.66	0.20	0.40	Average
8	2.409	40.57	56.00	-15.43	30.31	9.66	0.20	0.40	QP
9	2.474	25.50	46.00	-20.50	15.24	9.66	0.20	0.40	Average
10	2.474	40.83	56.00	-15.17	30.57	9.66	0.20	0.40	QP
11	2.567	24.89	46.00	-21.11	14.63	9.66	0.20	0.40	Average
12	2.567	39.77	56.00	-16.23	29.51	9.66	0.20	0.40	QP
13	2.664	22.75	46.00	-23.25	12.49	9.66	0.20	0.40	Average
14	2.664	36.65	56.00	-19.35	26.39	9.66	0.20	0.40	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	ax HE40-OFDMA	Test Freq. (MHz)	5230
Power Phase	Neutral		

Test by : Joe Liao Temperature: 22°C Humidity: 62%

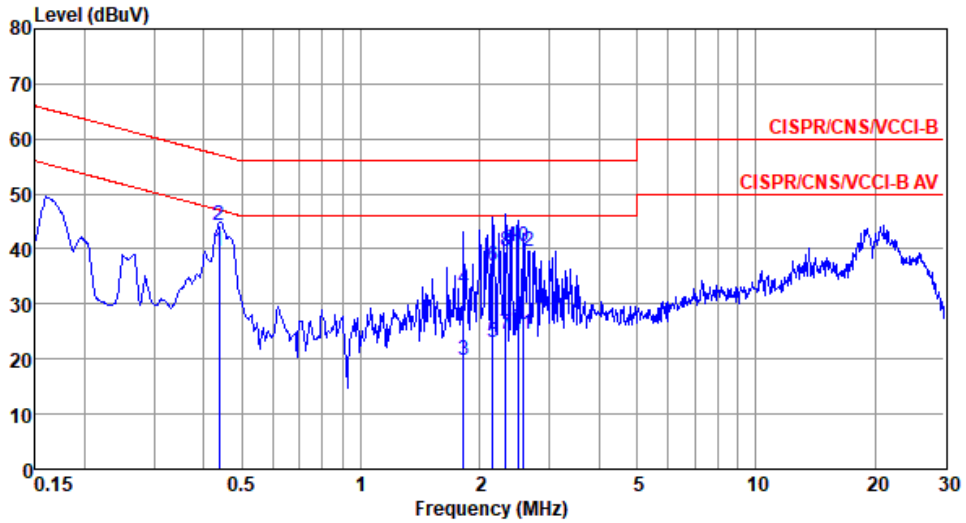


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	38.30	56.00	-17.70	28.37	9.69	0.08	0.16	Average
2	0.150	52.51	66.00	-13.49	42.58	9.69	0.08	0.16	QP
3*	0.437	44.60	47.11	-2.51	34.64	9.67	0.09	0.20	Average
4	0.437	49.48	57.11	-7.63	39.52	9.67	0.09	0.20	QP
5	0.466	38.21	46.58	-8.37	28.24	9.67	0.09	0.21	Average
6	0.466	46.19	56.58	-10.39	36.22	9.67	0.09	0.21	QP
7	2.225	27.82	46.00	-18.18	17.63	9.69	0.20	0.30	Average
8	2.225	40.52	56.00	-15.48	30.33	9.69	0.20	0.30	QP
9	2.297	28.11	46.00	-17.89	17.91	9.69	0.20	0.31	Average
10	2.297	42.04	56.00	-13.96	31.84	9.69	0.20	0.31	QP
11	2.396	29.49	46.00	-16.51	19.29	9.69	0.20	0.31	Average
12	2.396	42.20	56.00	-13.80	32.00	9.69	0.20	0.31	QP
13	2.461	30.09	46.00	-15.91	19.89	9.69	0.20	0.31	Average
14	2.461	42.85	56.00	-13.15	32.65	9.69	0.20	0.31	QP
15	2.567	29.71	46.00	-16.29	19.51	9.69	0.20	0.31	Average
16	2.567	42.27	56.00	-13.73	32.07	9.69	0.20	0.31	QP
17	2.636	29.14	46.00	-16.86	18.94	9.69	0.20	0.31	Average
18	2.636	40.40	56.00	-15.60	30.20	9.69	0.20	0.31	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	ax HE40-OFDMA	Test Freq. (MHz)	5795
Power Phase	Line		

Test by : Joe Liao Temperature: 22°C Humidity: 62%

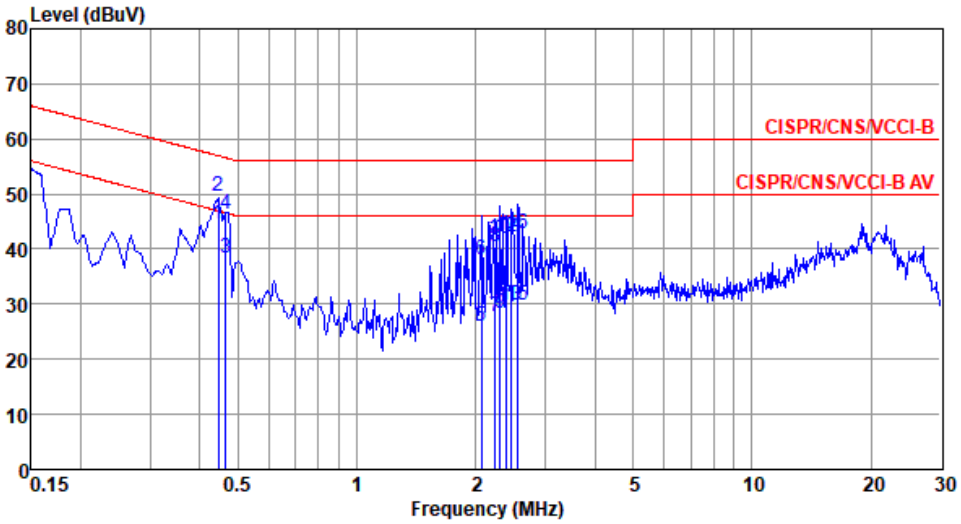


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1*	0.437	39.69	47.11	-7.42	29.60	9.64	0.09	0.36	Average
2	0.437	44.41	57.11	-12.70	34.32	9.64	0.09	0.36	QP
3	1.819	19.74	46.00	-26.26	9.50	9.66	0.19	0.39	Average
4	1.819	32.65	56.00	-23.35	22.41	9.66	0.19	0.39	QP
5	2.155	23.16	46.00	-22.84	12.91	9.66	0.20	0.39	Average
6	2.155	36.91	56.00	-19.09	26.66	9.66	0.20	0.39	QP
7	2.321	24.38	46.00	-21.62	14.12	9.66	0.20	0.40	Average
8	2.321	39.62	56.00	-16.38	29.36	9.66	0.20	0.40	QP
9	2.500	25.40	46.00	-20.60	15.14	9.66	0.20	0.40	Average
10	2.500	40.50	56.00	-15.50	30.24	9.66	0.20	0.40	QP
11	2.567	24.60	46.00	-21.40	14.34	9.66	0.20	0.40	Average
12	2.567	39.68	56.00	-16.32	29.42	9.66	0.20	0.40	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	ax HE40-OFDMA	Test Freq. (MHz)	5795
Power Phase	Neutral		

Test by : Joe Liao Temperature: 22°C Humidity: 62%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1*	0.447	44.51	46.93	-2.42	34.55	9.67	0.09	0.20	Average
2	0.447	49.71	56.93	-7.22	39.75	9.67	0.09	0.20	QP
3	0.466	38.41	46.58	-8.17	28.44	9.67	0.09	0.21	Average
4	0.466	46.25	56.58	-10.33	36.28	9.67	0.09	0.21	QP
5	2.066	25.92	46.00	-20.08	15.73	9.69	0.20	0.30	Average
6	2.066	38.20	56.00	-17.80	28.01	9.69	0.20	0.30	QP
7	2.237	27.69	46.00	-18.31	17.50	9.69	0.20	0.30	Average
8	2.237	40.57	56.00	-15.43	30.38	9.69	0.20	0.30	QP
9	2.309	28.28	46.00	-17.72	18.08	9.69	0.20	0.31	Average
10	2.309	41.92	56.00	-14.08	31.72	9.69	0.20	0.31	QP
11	2.396	29.55	46.00	-16.45	19.35	9.69	0.20	0.31	Average
12	2.396	42.24	56.00	-13.76	32.04	9.69	0.20	0.31	QP
13	2.461	29.81	46.00	-16.19	19.61	9.69	0.20	0.31	Average
14	2.461	42.59	56.00	-13.41	32.39	9.69	0.20	0.31	QP
15	2.554	29.85	46.00	-16.15	19.65	9.69	0.20	0.31	Average
16	2.554	42.76	56.00	-13.24	32.56	9.69	0.20	0.31	QP

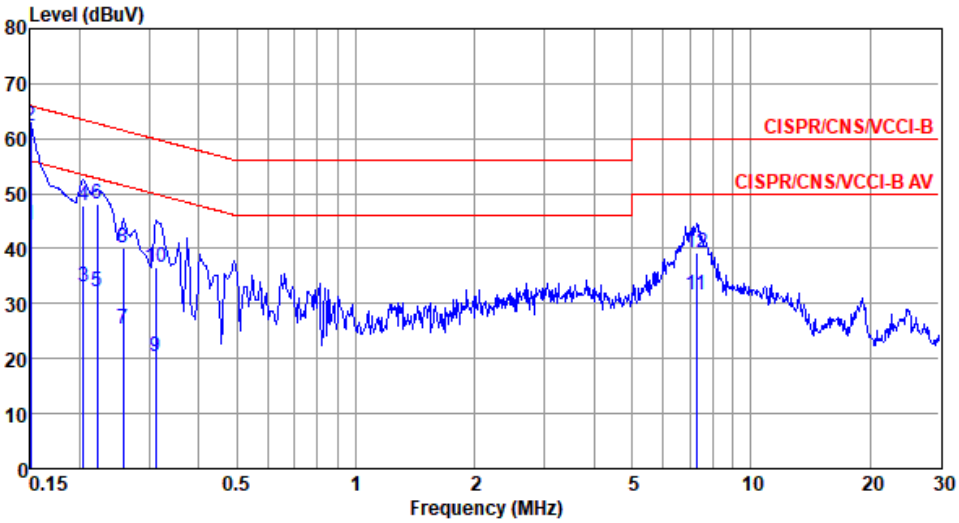
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Adapter mode

3.1.5 Test Result of Conducted Emissions

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5230
Power Phase	Line		

Test by : Joe Liao Temperature: 22°C Humidity: 62%

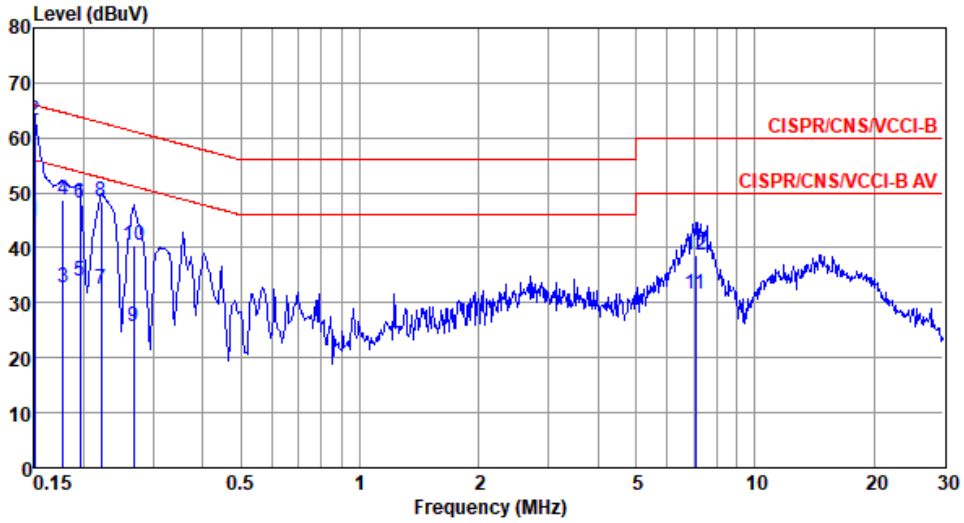


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	44.28	56.00	-11.72	34.34	9.66	0.08	0.20	Average
2*	0.150	62.17	66.00	-3.83	52.23	9.66	0.08	0.20	QP
3	0.204	33.16	53.45	-20.29	23.21	9.65	0.08	0.22	Average
4	0.204	47.93	63.45	-15.52	37.98	9.65	0.08	0.22	QP
5	0.222	32.15	52.74	-20.59	22.18	9.65	0.08	0.24	Average
6	0.222	48.13	62.74	-14.61	38.16	9.65	0.08	0.24	QP
7	0.258	25.47	51.51	-26.04	15.47	9.65	0.08	0.27	Average
8	0.258	40.23	61.51	-21.28	30.23	9.65	0.08	0.27	QP
9	0.312	20.35	49.93	-29.58	10.32	9.64	0.08	0.31	Average
10	0.312	36.52	59.93	-23.41	26.49	9.64	0.08	0.31	QP
11	7.290	31.59	50.00	-18.41	21.09	9.70	0.37	0.43	Average
12	7.290	39.33	60.00	-20.67	28.83	9.70	0.37	0.43	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	ax HE40-OFDMA	Test Freq. (MHz)	5230
Power Phase	Neutral		

Test by : Joe Liao Temperature: 22°C Humidity: 62%

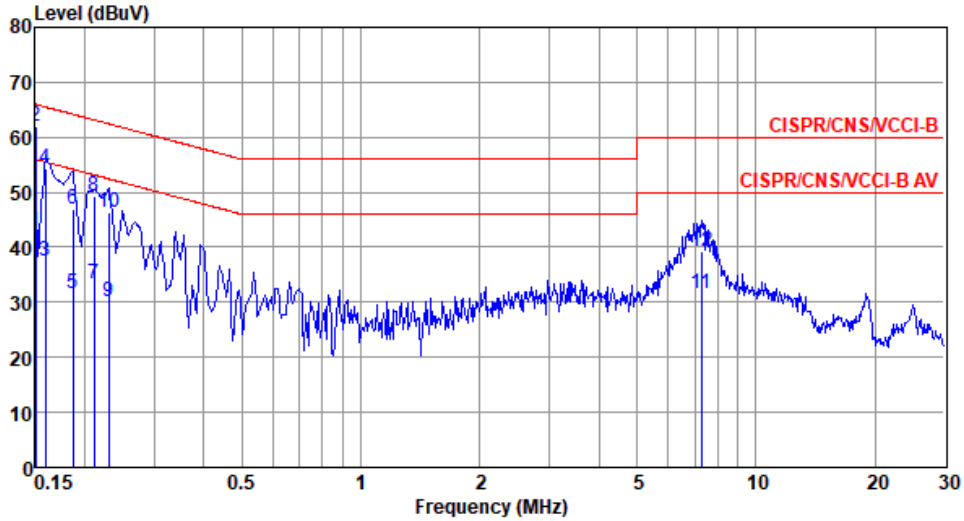


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	44.77	56.00	-11.23	34.84	9.69	0.08	0.16	Average
2*	0.150	63.27	66.00	-2.73	53.34	9.69	0.08	0.16	QP
3	0.178	32.67	54.59	-21.92	22.74	9.68	0.08	0.17	Average
4	0.178	48.73	64.59	-15.86	38.80	9.68	0.08	0.17	QP
5	0.195	33.88	53.80	-19.92	23.94	9.68	0.08	0.18	Average
6	0.195	48.22	63.80	-15.58	38.28	9.68	0.08	0.18	QP
7	0.222	32.39	52.74	-20.35	22.45	9.68	0.08	0.18	Average
8	0.222	48.56	62.74	-14.18	38.62	9.68	0.08	0.18	QP
9	0.267	25.77	51.20	-25.43	15.83	9.68	0.08	0.18	Average
10	0.267	40.42	61.20	-20.78	30.48	9.68	0.08	0.18	QP
11	7.062	31.55	50.00	-18.45	21.10	9.74	0.36	0.35	Average
12	7.062	38.81	60.00	-21.19	28.36	9.74	0.36	0.35	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	ax HE40-OFDMA	Test Freq. (MHz)	5795
Power Phase	Line		

Test by : Joe Liao Temperature: 22°C Humidity: 62%

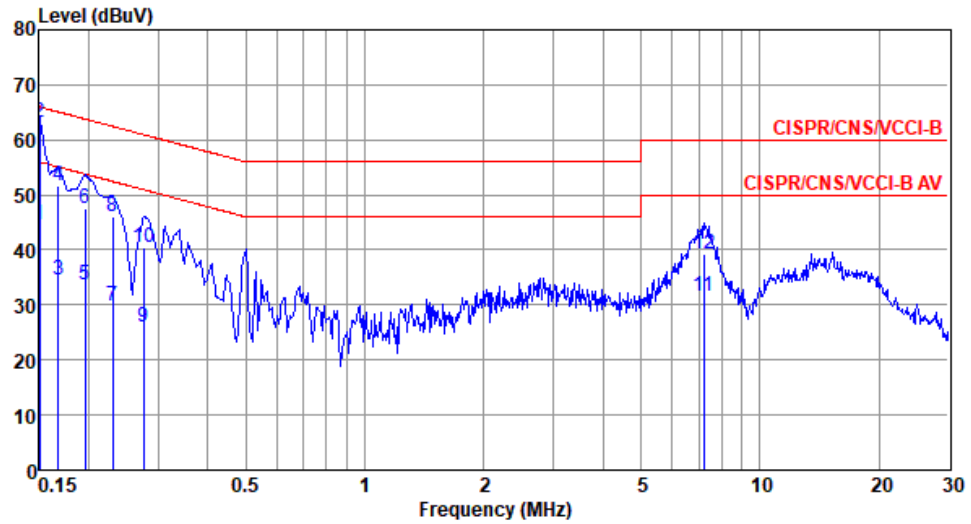


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	42.72	56.00	-13.28	32.78	9.66	0.08	0.20	Average
2*	0.150	62.01	66.00	-3.99	52.07	9.66	0.08	0.20	QP
3	0.159	37.45	55.52	-18.07	27.51	9.66	0.08	0.20	Average
4	0.159	54.41	65.52	-11.11	44.47	9.66	0.08	0.20	QP
5	0.186	31.68	54.20	-22.52	21.74	9.65	0.08	0.21	Average
6	0.186	47.06	64.20	-17.14	37.12	9.65	0.08	0.21	QP
7	0.212	33.47	53.14	-19.67	23.51	9.65	0.08	0.23	Average
8	0.212	49.25	63.14	-13.89	39.29	9.65	0.08	0.23	QP
9	0.230	30.09	52.44	-22.35	20.11	9.65	0.08	0.25	Average
10	0.230	46.37	62.44	-16.07	36.39	9.65	0.08	0.25	QP
11	7.290	31.58	50.00	-18.42	21.08	9.70	0.37	0.43	Average
12	7.290	39.13	60.00	-20.87	28.63	9.70	0.37	0.43	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	ax HE40-OFDMA	Test Freq. (MHz)	5795
Power Phase	Neutral		

Test by : Joe Liao Temperature: 22°C Humidity: 62%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	44.58	56.00	-11.42	34.65	9.69	0.08	0.16	Average
2*	0.150	63.10	66.00	-2.90	53.17	9.69	0.08	0.16	QP
3	0.168	34.60	55.08	-20.48	24.66	9.69	0.08	0.17	Average
4	0.168	51.77	65.08	-13.31	41.83	9.69	0.08	0.17	QP
5	0.195	33.57	53.80	-20.23	23.63	9.68	0.08	0.18	Average
6	0.195	47.66	63.80	-16.14	37.72	9.68	0.08	0.18	QP
7	0.230	29.74	52.44	-22.70	19.80	9.68	0.08	0.18	Average
8	0.230	45.99	62.44	-16.45	36.05	9.68	0.08	0.18	QP
9	0.276	25.97	50.94	-24.97	16.03	9.68	0.08	0.18	Average
10	0.276	40.44	60.94	-20.50	30.50	9.68	0.08	0.18	QP
11	7.213	31.53	50.00	-18.47	21.07	9.74	0.36	0.36	Average
12	7.213	39.18	60.00	-20.82	28.72	9.74	0.36	0.36	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).

3.2 Emission Bandwidth

3.2.1 Limit of Emission Bandwidth

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

3.2.2 Test Procedures

26dB Bandwidth

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

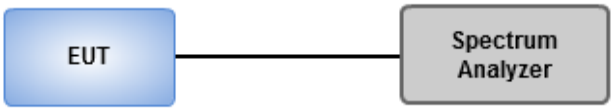
Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW.
2. Set VBW ≥ 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.

3.2.3 Test Setup



3.2.4 Test Result of Emission Bandwidth

Ambient Condition	17-18°C / 63-65%	Tested By	Aska Huang

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.203M	16.353M	16M4D1D	18.768M	16.281M
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	21.449M	18.886M	18M9D1D	20.87M	18.886M
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	41.014M	37.771M	37M8D1D	40.29M	37.627M
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	82.319M	77.279M	77M3D1D	81.739M	76.99M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.203M	16.425M	16M4D1D	18.623M	16.353M
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	21.594M	18.958M	19M0D1D	20.725M	18.886M
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	40.87M	37.916M	37M9D1D	40.29M	37.627M
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	83.188M	77.279M	77M3D1D	81.159M	76.99M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.203M	16.425M	16M4D1D	14.391M	13.155M
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	21.594M	18.958M	19M0D1D	15.826M	14.414M
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	41.159M	37.916M	37M9D1D	36.522M	33.734M
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	82.899M	77.279M	77M3D1D	78.913M	73.155M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.377M	16.425M	16M4D1D	3.13M	3.415M
11AX20_Nss1,(MCS0)_4TX	18.986M	18.958M	19M0D1D	4.406M	4.457M
11AX40_Nss1,(MCS0)_4TX	38.116M	37.916M	37M9D1D	3.942M	3.994M
11AX80_Nss1,(MCS0)_4TX	77.391M	76.99M	77M0D1D	3.942M	4.805M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

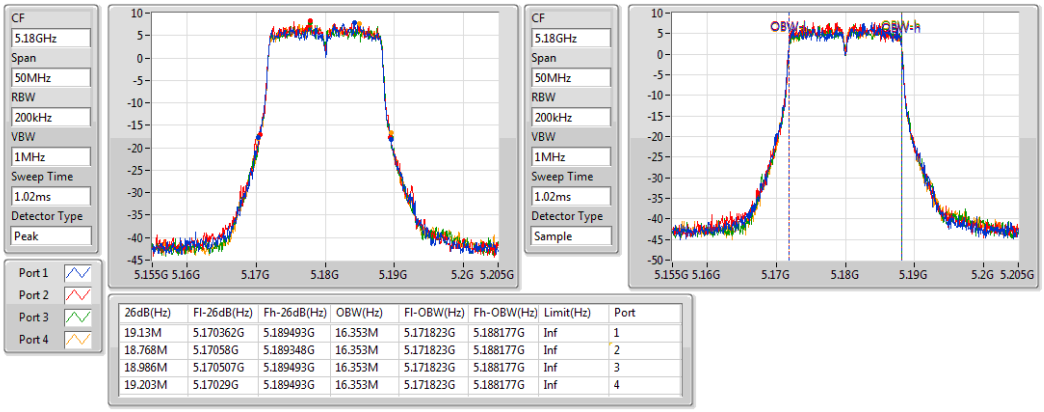
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.13M	16.353M	18.768M	16.353M	18.986M	16.353M	19.203M	16.353M
5200MHz	Pass	Inf	18.768M	16.353M	18.841M	16.281M	19.058M	16.353M	19.203M	16.353M
5240MHz	Pass	Inf	18.913M	16.353M	18.841M	16.353M	18.913M	16.353M	19.058M	16.353M
5260MHz	Pass	Inf	18.841M	16.353M	18.913M	16.353M	19.058M	16.353M	18.623M	16.353M
5300MHz	Pass	Inf	18.768M	16.353M	19.13M	16.353M	18.841M	16.353M	19.13M	16.353M
5320MHz	Pass	Inf	19.203M	16.353M	18.986M	16.353M	18.986M	16.425M	19.058M	16.353M
5500MHz	Pass	Inf	19.058M	16.425M	19.203M	16.353M	19.13M	16.353M	18.768M	16.353M
5580MHz	Pass	Inf	19.13M	16.281M	18.986M	16.353M	18.696M	16.353M	19.13M	16.353M
5700MHz	Pass	Inf	18.768M	16.425M	19.203M	16.425M	18.986M	16.425M	18.986M	16.353M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.652M	13.242M	14.435M	13.155M	14.391M	13.155M	14.696M	13.198M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.13M	3.415M	3.13M	3.415M	3.13M	3.415M	3.13M	3.415M
5745MHz	Pass	500k	16.304M	16.353M	16.087M	16.353M	16.304M	16.425M	16.304M	16.425M
5785MHz	Pass	500k	15.797M	16.281M	16.304M	16.353M	16.377M	16.425M	16.377M	16.353M
5825MHz	Pass	500k	15.797M	16.281M	16.232M	16.281M	16.377M	16.353M	16.377M	16.353M
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.014M	18.886M	20.87M	18.886M	21.232M	18.886M	21.232M	18.886M
5200MHz	Pass	Inf	21.087M	18.886M	21.159M	18.886M	21.087M	18.886M	21.449M	18.886M
5240MHz	Pass	Inf	21.232M	18.886M	21.377M	18.886M	21.087M	18.886M	21.377M	18.886M
5260MHz	Pass	Inf	20.725M	18.886M	20.942M	18.886M	21.087M	18.886M	21.594M	18.886M
5300MHz	Pass	Inf	20.797M	18.958M	21.594M	18.958M	21.014M	18.886M	21.522M	18.958M
5320MHz	Pass	Inf	21.594M	18.958M	21.159M	18.958M	21.014M	18.886M	21.377M	18.886M
5500MHz	Pass	Inf	21.304M	18.886M	21.449M	18.958M	21.232M	18.886M	21.594M	18.886M
5580MHz	Pass	Inf	20.725M	18.886M	21.159M	18.958M	20.942M	18.886M	21.014M	18.886M
5700MHz	Pass	Inf	21.159M	18.886M	21.014M	18.886M	21.014M	18.886M	21.014M	18.886M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.13M	14.414M	15.826M	14.414M	16.13M	14.414M	16.391M	14.414M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.464M	4.457M	4.522M	4.457M	4.464M	4.457M	4.406M	4.457M
5745MHz	Pass	500k	18.478M	18.886M	18.986M	18.886M	18.333M	18.886M	18.768M	18.958M
5785MHz	Pass	500k	18.478M	18.886M	18.551M	18.886M	18.768M	18.886M	18.696M	18.886M
5825MHz	Pass	500k	18.986M	18.886M	18.841M	18.886M	18.841M	18.886M	18.841M	18.886M
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.87M	37.771M	41.014M	37.771M	40.58M	37.771M	41.014M	37.627M
5230MHz	Pass	Inf	40.58M	37.627M	40.29M	37.771M	40.435M	37.627M	40.725M	37.627M
5270MHz	Pass	Inf	40.29M	37.771M	40.58M	37.627M	40.435M	37.627M	40.58M	37.627M
5310MHz	Pass	Inf	40.87M	37.916M	40.725M	37.771M	40.435M	37.771M	40.435M	37.627M
5510MHz	Pass	Inf	41.159M	37.771M	40.725M	37.771M	40.58M	37.771M	40.58M	37.771M
5590MHz	Pass	Inf	40.29M	37.627M	40.29M	37.627M	41.014M	37.627M	40.58M	37.916M
5670MHz	Pass	Inf	40.29M	37.627M	40.725M	37.627M	40.435M	37.627M	40.87M	37.771M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.522M	33.734M	37.029M	33.734M	36.826M	33.835M	38.043M	33.835M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.11M	3.942M	4.052M	3.942M	4.052M	3.942M	3.994M
5755MHz	Pass	500k	37.971M	37.771M	37.971M	37.771M	37.536M	37.627M	38.116M	37.916M
5795MHz	Pass	500k	37.971M	37.916M	37.101M	37.771M	36.957M	37.771M	37.246M	37.771M
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.319M	76.99M	81.739M	77.279M	82.029M	76.99M	82.029M	76.99M
5290MHz	Pass	Inf	83.188M	77.279M	82.319M	77.279M	82.029M	76.99M	81.159M	76.99M
5530MHz	Pass	Inf	81.159M	76.99M	82.029M	76.99M	81.159M	76.99M	82.029M	77.279M
5610MHz	Pass	Inf	82.029M	77.279M	81.739M	76.99M	82.319M	76.99M	82.899M	77.279M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	80.652M	73.372M	78.913M	73.372M	79.13M	73.372M	80M	73.155M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	5.441M	4M	4.805M	3.942M	5.731M	4M	4.863M
5775MHz	Pass	500k	77.101M	76.99M	76.522M	76.7M	76.522M	76.99M	77.391M	76.99M

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;

802.11a_Nss1,(6Mbps)_4TX **EBW**

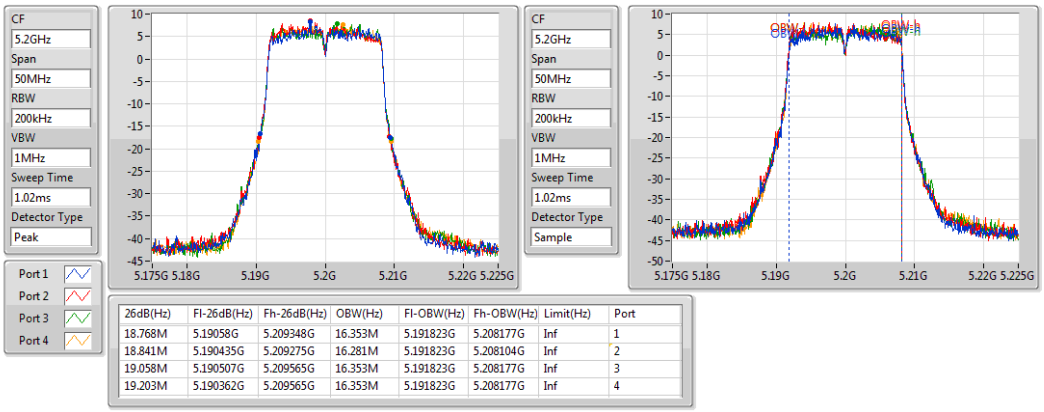
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.13M	5.170362G	5.189493G	16.353M	5.171823G	5.188177G	Inf	1
18.768M	5.17058G	5.189348G	16.353M	5.171823G	5.188177G	Inf	2
18.986M	5.170507G	5.189493G	16.353M	5.171823G	5.188177G	Inf	3
19.203M	5.17029G	5.189493G	16.353M	5.171823G	5.188177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

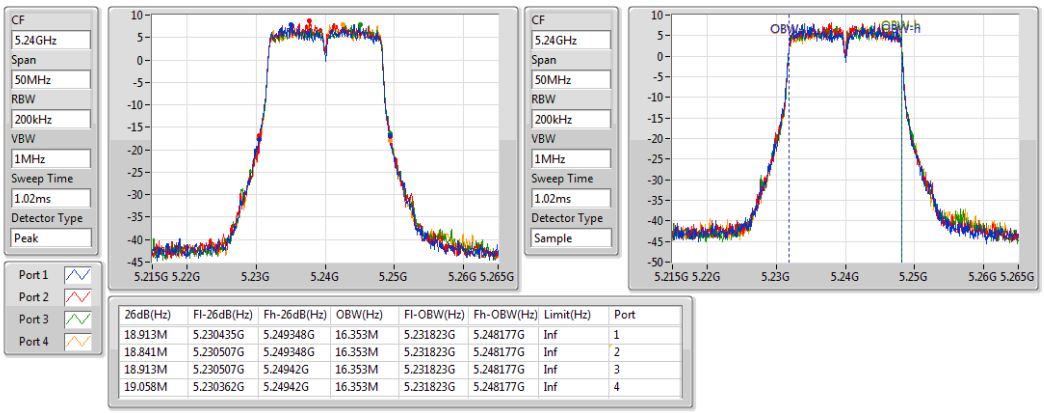
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.768M	5.19058G	5.209348G	16.353M	5.191823G	5.208177G	Inf	1
18.841M	5.190435G	5.209275G	16.281M	5.191823G	5.208104G	Inf	2
19.058M	5.190507G	5.209565G	16.353M	5.191823G	5.208177G	Inf	3
19.203M	5.190362G	5.209565G	16.353M	5.191823G	5.208177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

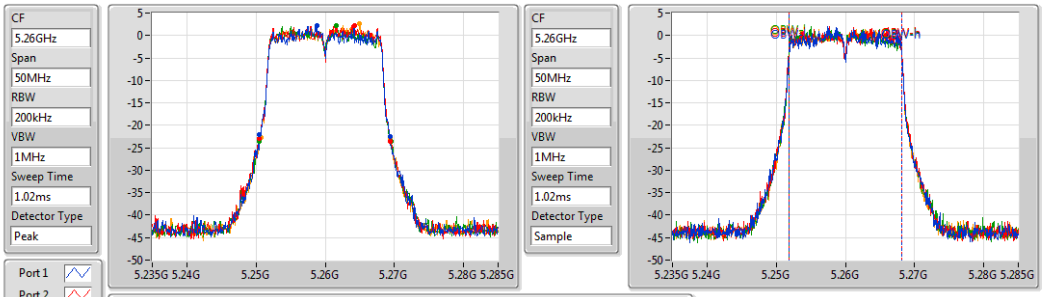
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.913M	5.230435G	5.249348G	16.353M	5.231823G	5.248177G	Inf	1
18.841M	5.230507G	5.249348G	16.353M	5.231823G	5.248177G	Inf	2
18.913M	5.230507G	5.24942G	16.353M	5.231823G	5.248177G	Inf	3
19.058M	5.230362G	5.24942G	16.353M	5.231823G	5.248177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

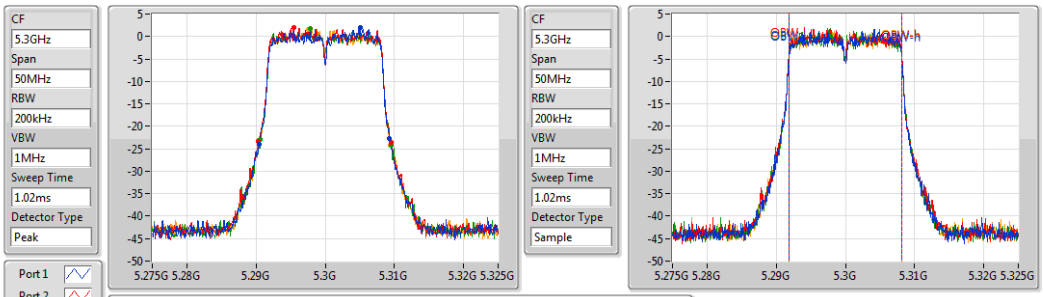
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.841M	5.250507G	5.269348G	16.353M	5.251823G	5.268177G	Inf	1
18.913M	5.250507G	5.26942G	16.353M	5.251823G	5.268177G	Inf	2
19.058M	5.250435G	5.269493G	16.353M	5.251823G	5.268177G	Inf	3
18.623M	5.250725G	5.269348G	16.353M	5.251823G	5.268177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

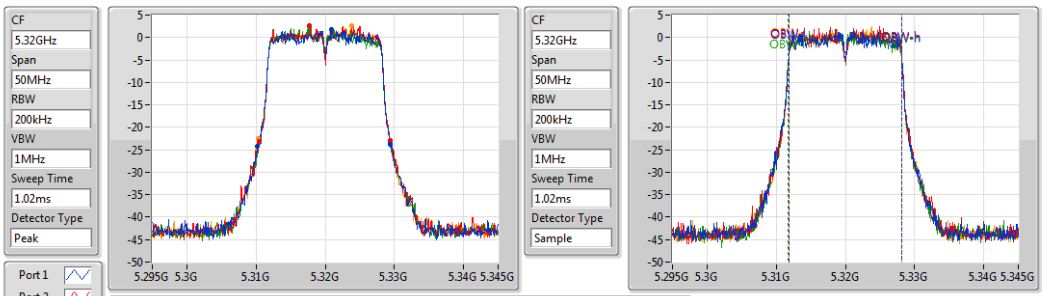
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.768M	5.290507G	5.309275G	16.353M	5.291823G	5.308177G	Inf	1
19.13M	5.290362G	5.309493G	16.353M	5.291823G	5.308177G	Inf	2
18.841M	5.290652G	5.309493G	16.353M	5.291823G	5.308177G	Inf	3
19.13M	5.29029G	5.30942G	16.353M	5.291823G	5.308177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

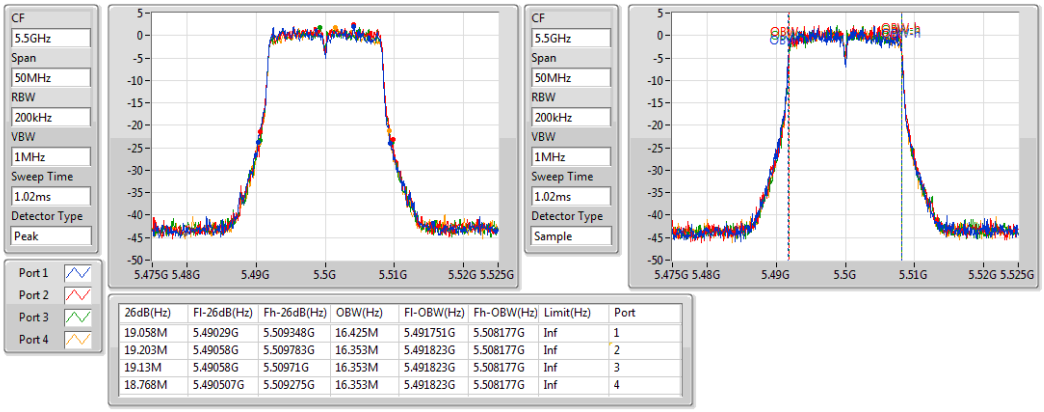
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.203M	5.310217G	5.32942G	16.353M	5.311823G	5.328177G	Inf	1
18.986M	5.310435G	5.32942G	16.353M	5.311823G	5.328177G	Inf	2
18.986M	5.310435G	5.32942G	16.425M	5.311751G	5.328177G	Inf	3
19.058M	5.310362G	5.32942G	16.353M	5.311823G	5.328177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

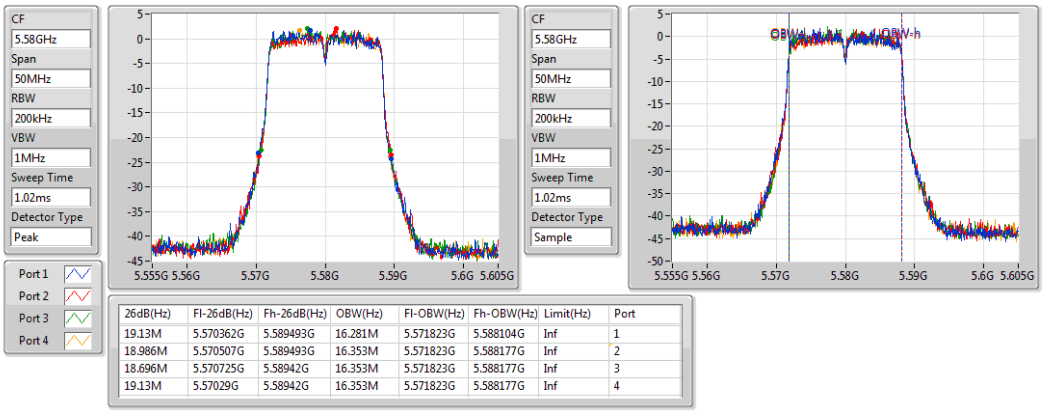
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.058M	5.49029G	5.509348G	16.425M	5.491751G	5.508177G	Inf	1
19.203M	5.49058G	5.509783G	16.353M	5.491823G	5.508177G	Inf	2
19.13M	5.49058G	5.50971G	16.353M	5.491823G	5.508177G	Inf	3
18.768M	5.490507G	5.509275G	16.353M	5.491823G	5.508177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

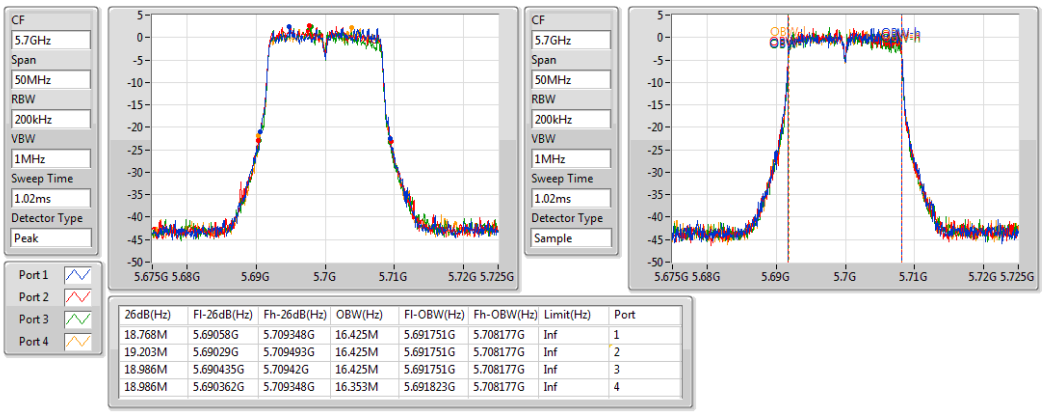
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.13M	5.570362G	5.589493G	16.281M	5.571823G	5.588104G	Inf	1
18.986M	5.570507G	5.589493G	16.353M	5.571823G	5.588177G	Inf	2
18.696M	5.570725G	5.58942G	16.353M	5.571823G	5.588177G	Inf	3
19.13M	5.57029G	5.58942G	16.353M	5.571823G	5.588177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

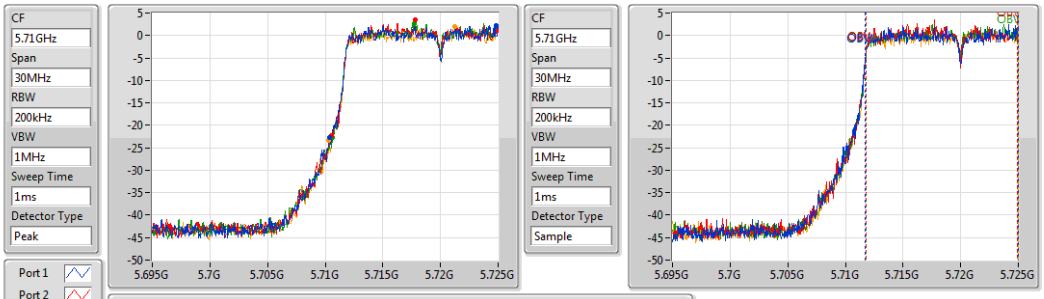
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.768M	5.69058G	5.709348G	16.425M	5.691751G	5.708177G	Inf	1
19.203M	5.69029G	5.709493G	16.425M	5.691751G	5.708177G	Inf	2
18.986M	5.690435G	5.70942G	16.425M	5.691751G	5.708177G	Inf	3
18.986M	5.690362G	5.709348G	16.353M	5.691823G	5.708177G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

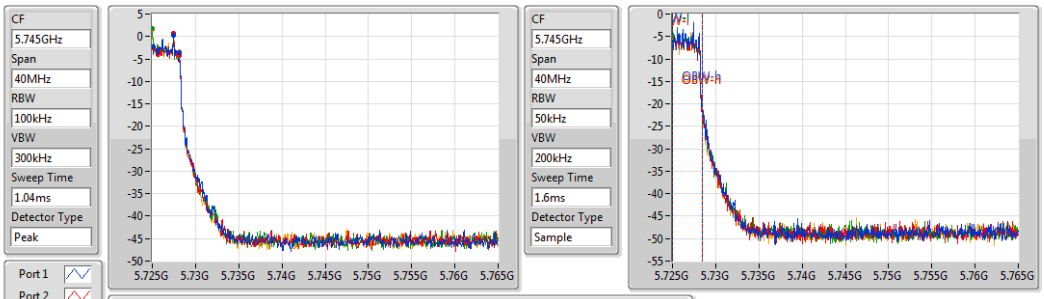
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.652M	5.710348G	5.725G	13.242M	5.711737G	5.724978G	Inf	1
14.435M	5.710565G	5.725G	13.155M	5.71178G	5.724935G	Inf	2
14.391M	5.710609G	5.725G	13.155M	5.71178G	5.724935G	Inf	3
14.696M	5.710304G	5.725G	13.198M	5.71178G	5.724978G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

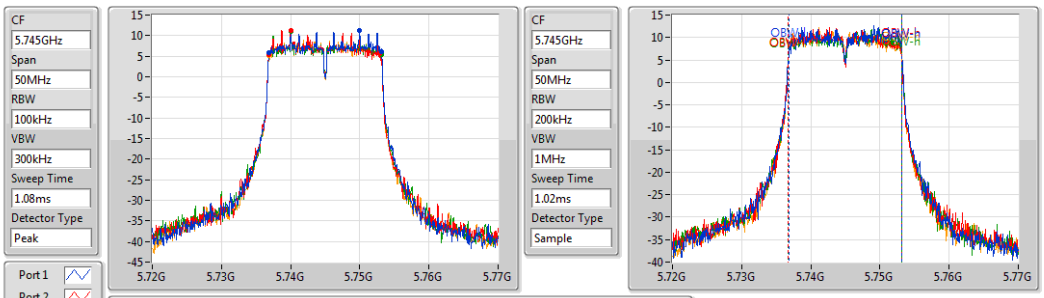
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.13M	5.725G	5.72813G	3.415M	5.725029G	5.728444G	500k	1
3.13M	5.725G	5.72813G	3.415M	5.725029G	5.728444G	500k	2
3.13M	5.725G	5.72813G	3.415M	5.725029G	5.728444G	500k	3
3.13M	5.725G	5.72813G	3.415M	5.725029G	5.728444G	500k	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

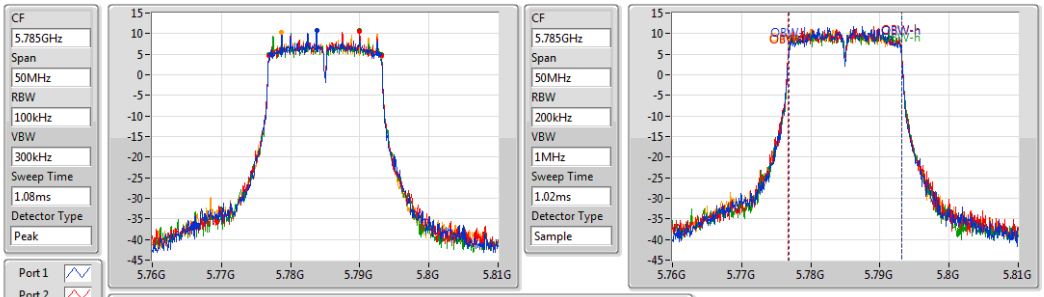
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.304M	5.736884G	5.753188G	16.353M	5.736823G	5.753177G	500k	1
16.087M	5.736812G	5.752899G	16.353M	5.736751G	5.753104G	500k	2
16.304M	5.736812G	5.753116G	16.425M	5.736751G	5.753177G	500k	3
16.304M	5.736812G	5.753116G	16.425M	5.736751G	5.753177G	500k	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

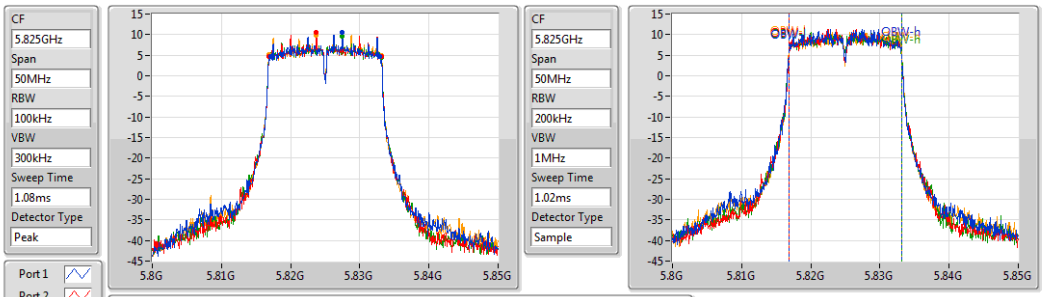
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.797M	5.777101G	5.792899G	16.281M	5.776823G	5.793104G	500k	1
16.304M	5.776812G	5.793116G	16.353M	5.776751G	5.793104G	500k	2
16.377M	5.776812G	5.793188G	16.425M	5.776751G	5.793177G	500k	3
16.377M	5.776812G	5.793188G	16.353M	5.776751G	5.793104G	500k	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

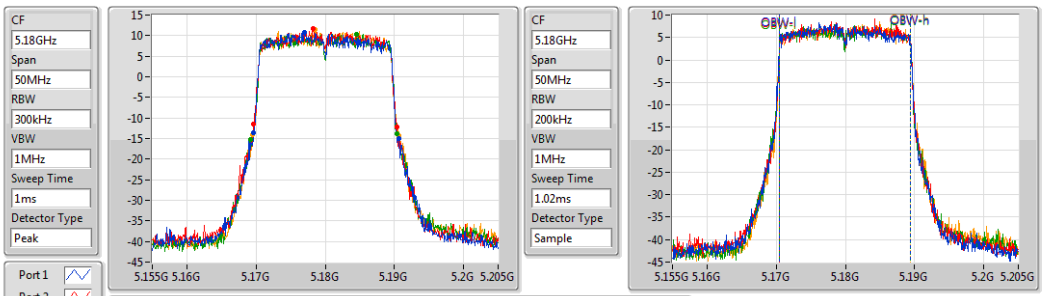
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.797M	5.817101G	5.832899G	16.281M	5.816823G	5.833104G	500k	1
16.232M	5.816884G	5.833116G	16.281M	5.816823G	5.833104G	500k	2
16.377M	5.816812G	5.833188G	16.353M	5.816823G	5.833177G	500k	3
16.377M	5.816812G	5.833188G	16.353M	5.816823G	5.833177G	500k	4

11AX20_Nss1,(MCS0)_4TX **EBW**

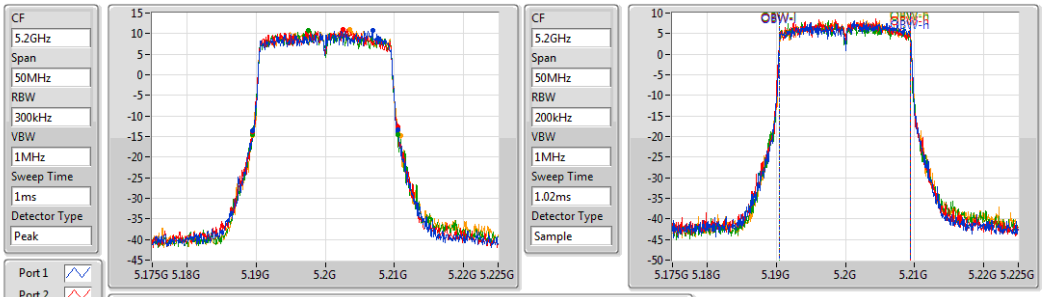
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.014M	5.169638G	5.190652G	18.886M	5.170521G	5.189407G	Inf	1
20.87M	5.169565G	5.190435G	18.886M	5.170521G	5.189407G	Inf	2
21.232M	5.169203G	5.190435G	18.886M	5.170521G	5.189407G	Inf	3
21.232M	5.16942G	5.190652G	18.886M	5.170521G	5.189407G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

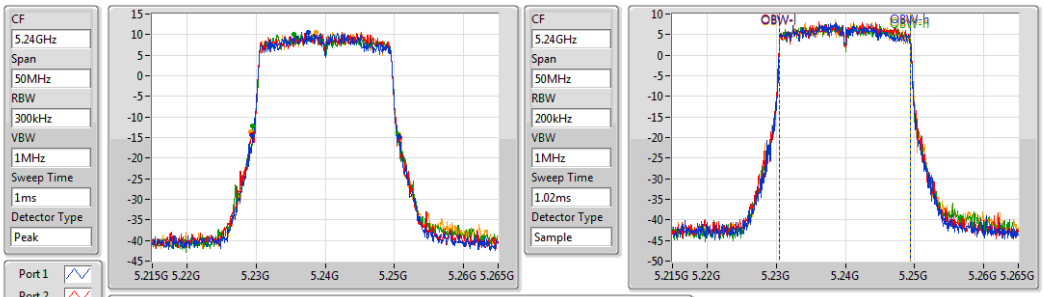
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.087M	5.189493G	5.21058G	18.886M	5.190521G	5.209407G	Inf	1
21.159M	5.18942G	5.21058G	18.886M	5.190521G	5.209407G	Inf	2
21.087M	5.18942G	5.210507G	18.886M	5.190521G	5.209407G	Inf	3
21.449M	5.18942G	5.21087G	18.886M	5.190521G	5.209407G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

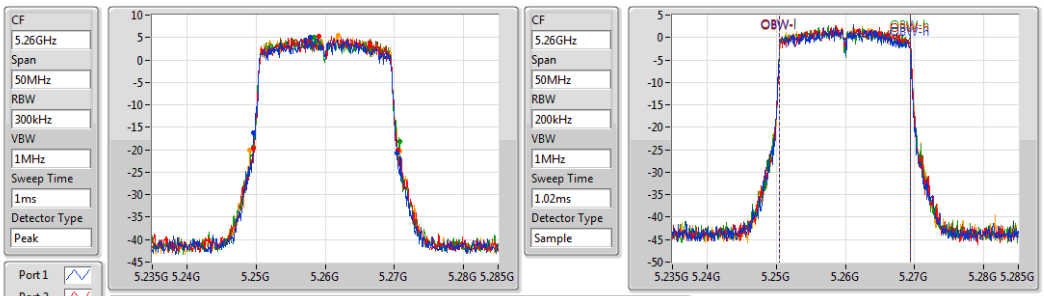
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.232M	5.22942G	5.250652G	18.886M	5.230521G	5.249407G	Inf	1
21.377M	5.229348G	5.250725G	18.886M	5.230521G	5.249407G	Inf	2
21.087M	5.229493G	5.25058G	18.886M	5.230521G	5.249407G	Inf	3
21.377M	5.229275G	5.250652G	18.886M	5.230521G	5.249407G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

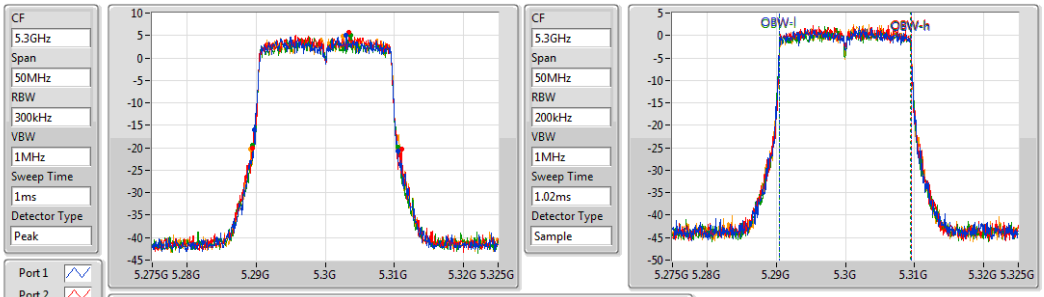
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.725M	5.249638G	5.270362G	18.886M	5.250521G	5.269407G	Inf	1
20.942M	5.249638G	5.27058G	18.886M	5.250521G	5.269407G	Inf	2
21.087M	5.249638G	5.270725G	18.886M	5.250521G	5.269407G	Inf	3
21.594M	5.24913G	5.270725G	18.886M	5.250521G	5.269407G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

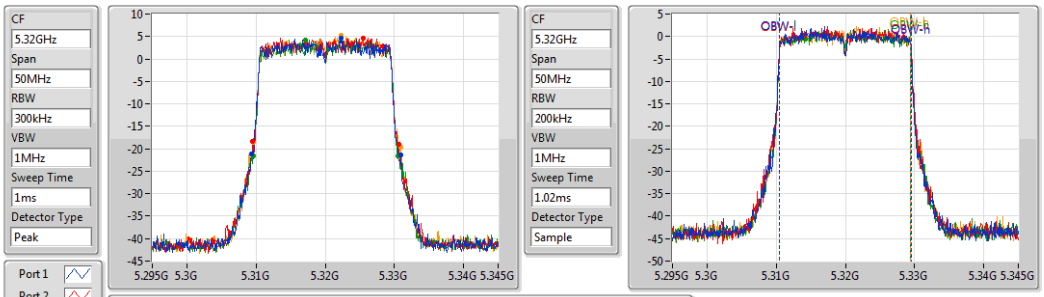
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.797M	5.28971G	5.310507G	18.958M	5.290521G	5.309479G	Inf	1
21.594M	5.28942G	5.311014G	18.958M	5.290521G	5.309479G	Inf	2
21.014M	5.289493G	5.310507G	18.886M	5.290521G	5.309407G	Inf	3
21.522M	5.289275G	5.310797G	18.958M	5.290521G	5.309479G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

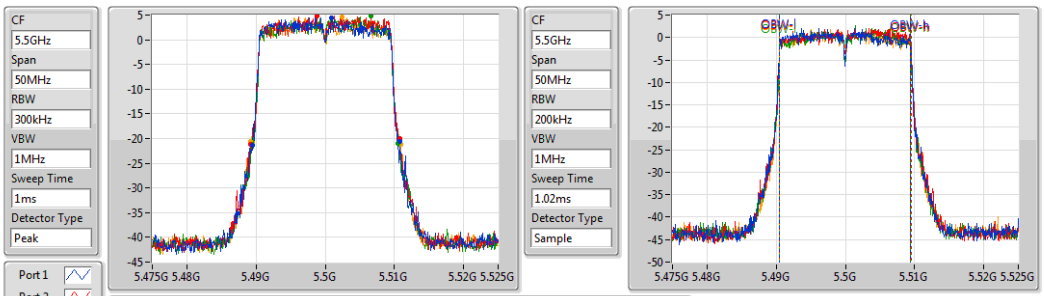
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.594M	5.309348G	5.330942G	18.958M	5.310521G	5.329479G	Inf	1
21.159M	5.309493G	5.330652G	18.958M	5.310521G	5.329479G	Inf	2
21.014M	5.309565G	5.33058G	18.886M	5.310521G	5.329407G	Inf	3
21.377M	5.309565G	5.330942G	18.886M	5.310521G	5.329407G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

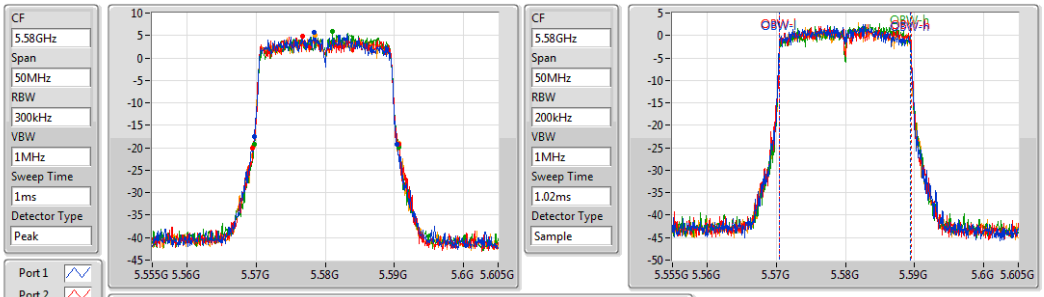
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.304M	5.489493G	5.510797G	18.886M	5.490521G	5.509407G	Inf	1
21.449M	5.489275G	5.510725G	18.958M	5.490521G	5.509479G	Inf	2
21.232M	5.489348G	5.51058G	18.886M	5.490521G	5.509407G	Inf	3
21.594M	5.489275G	5.51087G	18.886M	5.490521G	5.509407G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

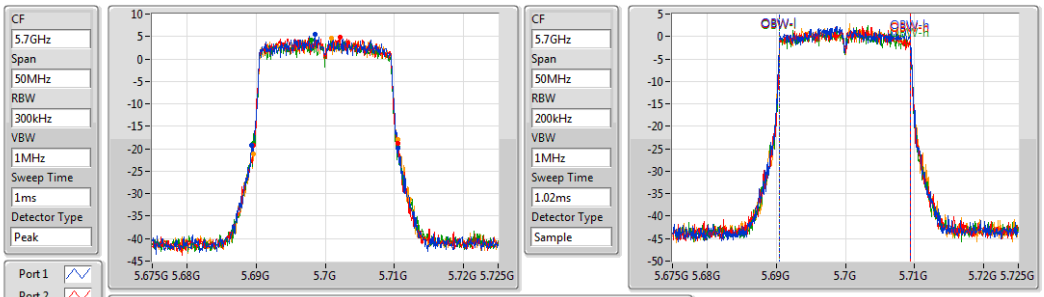
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.725M	5.56971G	5.590435G	18.886M	5.570521G	5.589407G	Inf	1
21.159M	5.569493G	5.590652G	18.958M	5.570521G	5.589479G	Inf	2
20.942M	5.56971G	5.590652G	18.886M	5.570521G	5.589407G	Inf	3
21.014M	5.569638G	5.590652G	18.886M	5.570521G	5.589407G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

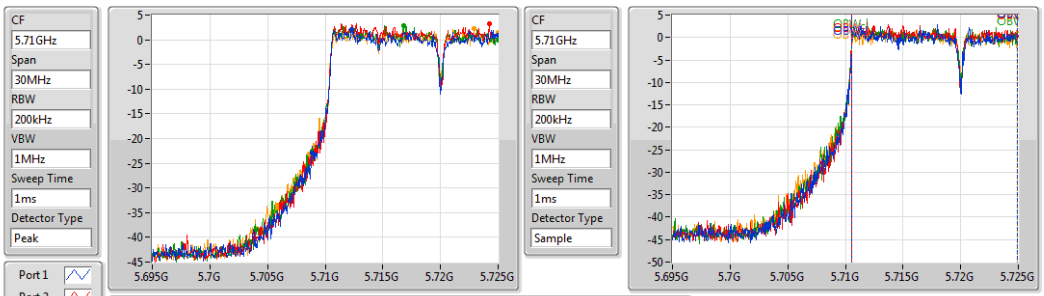
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.159M	5.689348G	5.710507G	18.886M	5.690521G	5.709407G	Inf	1
21.014M	5.689565G	5.71058G	18.886M	5.690521G	5.709407G	Inf	2
21.014M	5.689565G	5.71058G	18.886M	5.690521G	5.709407G	Inf	3
21.014M	5.689565G	5.71058G	18.886M	5.690521G	5.709407G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

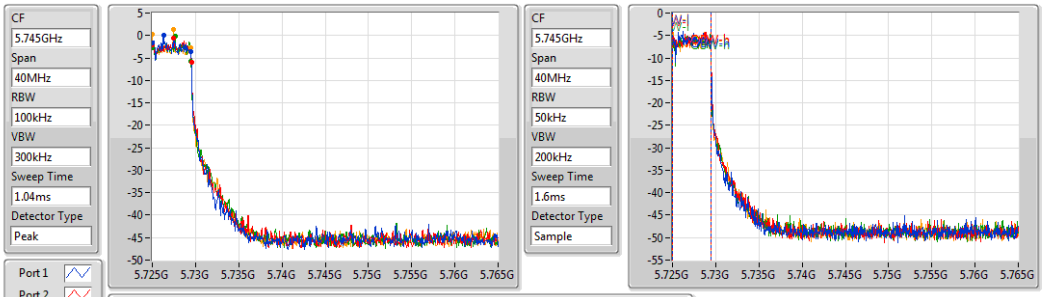
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.13M	5.70887G	5.725G	14.414M	5.710521G	5.724935G	Inf	1
15.826M	5.709174G	5.725G	14.414M	5.710521G	5.724935G	Inf	2
16.13M	5.70887G	5.725G	14.414M	5.710521G	5.724935G	Inf	3
16.391M	5.708609G	5.725G	14.414M	5.710521G	5.724935G	Inf	4

11AX20_Nss1,(MCS0)_4TX **EBW**

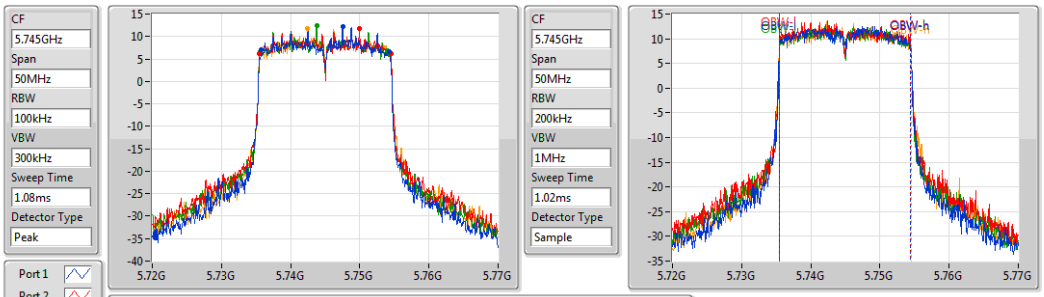
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.464M	5.725G	5.729464G	4.457M	5.725029G	5.729486G	500k	1
4.522M	5.725G	5.729522G	4.457M	5.725029G	5.729486G	500k	2
4.464M	5.725G	5.729464G	4.457M	5.725029G	5.729486G	500k	3
4.406M	5.725G	5.729406G	4.457M	5.725029G	5.729486G	500k	4

11AX20_Nss1,(MCS0)_4TX **EBW**

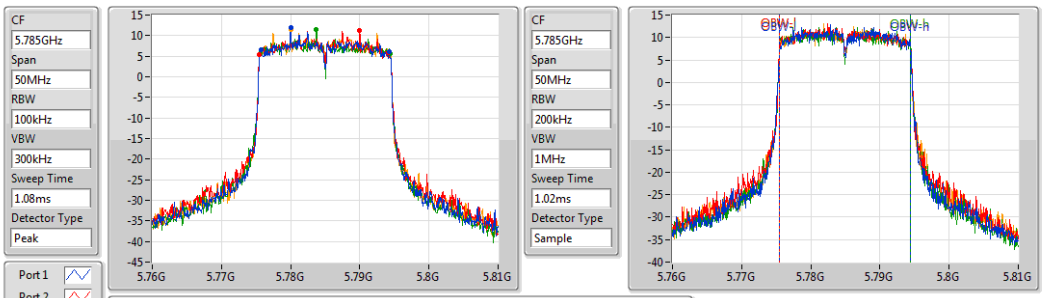
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.478M	5.735797G	5.754275G	18.886M	5.735521G	5.754407G	500k	1
18.986M	5.735507G	5.754493G	18.886M	5.735521G	5.754407G	500k	2
18.333M	5.735652G	5.753986G	18.886M	5.735521G	5.754407G	500k	3
18.768M	5.73558G	5.754348G	18.958M	5.735521G	5.754479G	500k	4

11AX20_Nss1,(MCS0)_4TX **EBW**

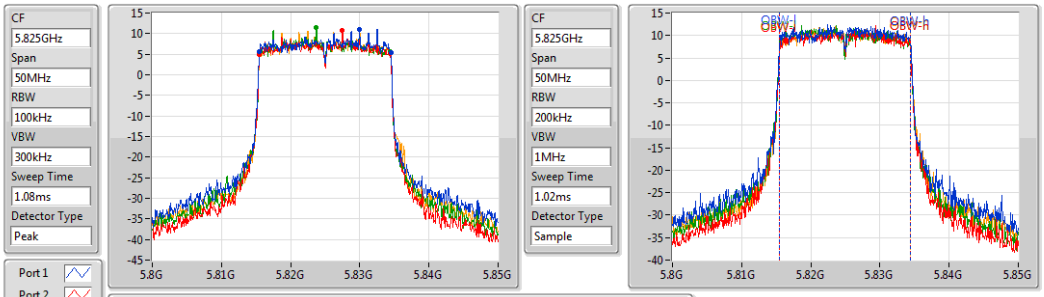
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.478M	5.775797G	5.794275G	18.886M	5.775521G	5.794407G	500k	1
18.551M	5.775507G	5.794058G	18.886M	5.775521G	5.794407G	500k	2
18.768M	5.77558G	5.794348G	18.886M	5.775521G	5.794407G	500k	3
18.696M	5.77558G	5.794275G	18.886M	5.775521G	5.794407G	500k	4

11AX20_Nss1,(MCS0)_4TX **EBW**

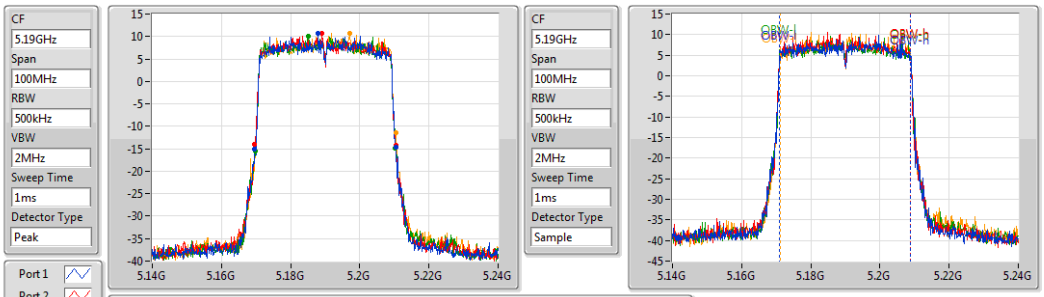
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.986M	5.815507G	5.834493G	18.886M	5.815521G	5.834407G	500k	1
18.841M	5.815507G	5.834348G	18.886M	5.815521G	5.834407G	500k	2
18.841M	5.81558G	5.83442G	18.886M	5.815521G	5.834407G	500k	3
18.841M	5.81558G	5.83442G	18.886M	5.815521G	5.834407G	500k	4

11AX40_Nss1,(MCS0)_4TX **EBW**

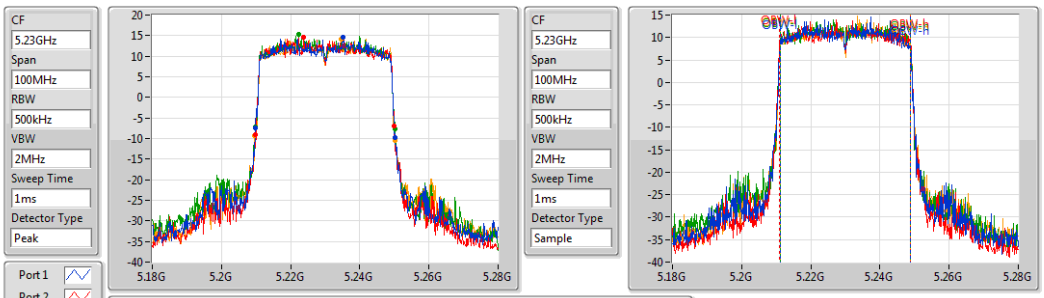
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.87M	5.169565G	5.210435G	37.771M	5.171042G	5.208813G	Inf	1
41.014M	5.169565G	5.21058G	37.771M	5.171042G	5.208813G	Inf	2
40.58M	5.16971G	5.21029G	37.771M	5.171042G	5.208813G	Inf	3
41.014M	5.169565G	5.21058G	37.627M	5.171187G	5.208813G	Inf	4

11AX40_Nss1,(MCS0)_4TX **EBW**

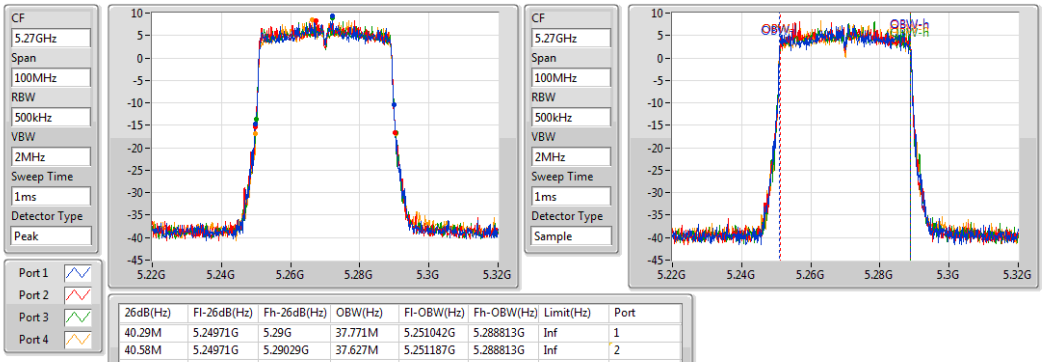
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.58M	5.20971G	5.25029G	37.627M	5.211187G	5.248813G	Inf	1
40.29M	5.20971G	5.25G	37.771M	5.211042G	5.248813G	Inf	2
40.435M	5.209855G	5.25029G	37.627M	5.211187G	5.248813G	Inf	3
40.725M	5.209565G	5.25029G	37.627M	5.211187G	5.248813G	Inf	4

11AX40_Nss1,(MCS0)_4TX **EBW**

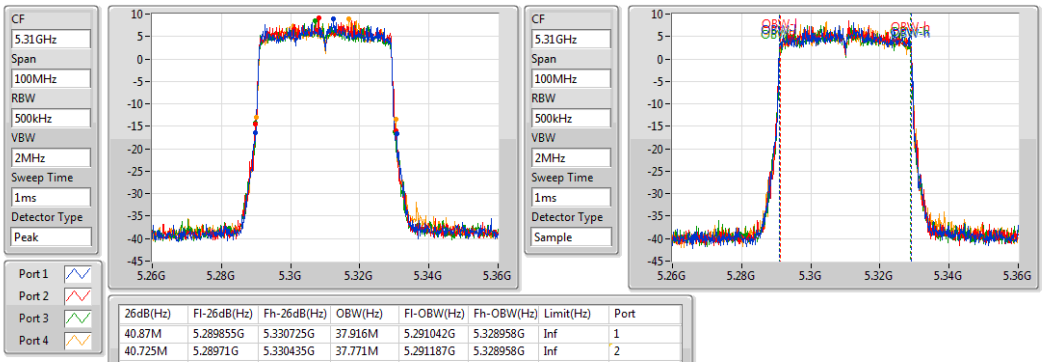
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.29M	5.24971G	5.29G	37.771M	5.251042G	5.288813G	Inf	1
40.58M	5.24971G	5.29029G	37.627M	5.251187G	5.288813G	Inf	2
40.435M	5.25G	5.290435G	37.627M	5.251187G	5.288813G	Inf	3
40.58M	5.249855G	5.290435G	37.627M	5.251187G	5.288813G	Inf	4

11AX40_Nss1,(MCS0)_4TX **EBW**

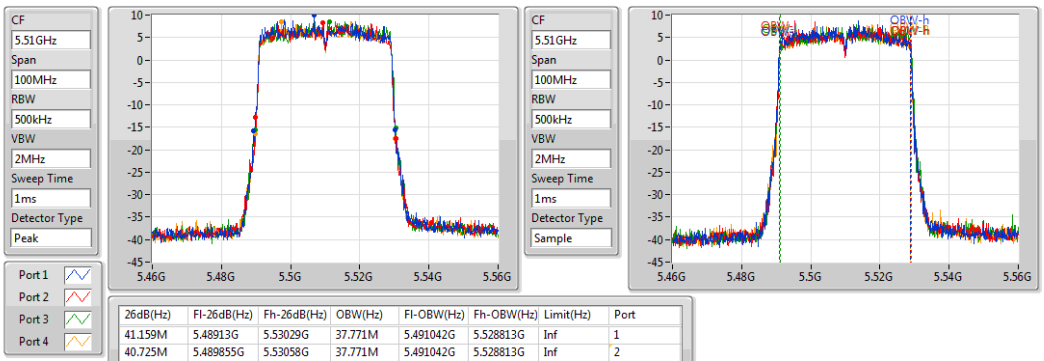
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.87M	5.289855G	5.330725G	37.916M	5.291042G	5.328958G	Inf	1
40.725M	5.28971G	5.330435G	37.771M	5.291187G	5.328958G	Inf	2
40.435M	5.289855G	5.33029G	37.771M	5.291042G	5.328813G	Inf	3
40.435M	5.29G	5.330435G	37.627M	5.291187G	5.328813G	Inf	4

11AX40_Nss1,(MCS0)_4TX **EBW**

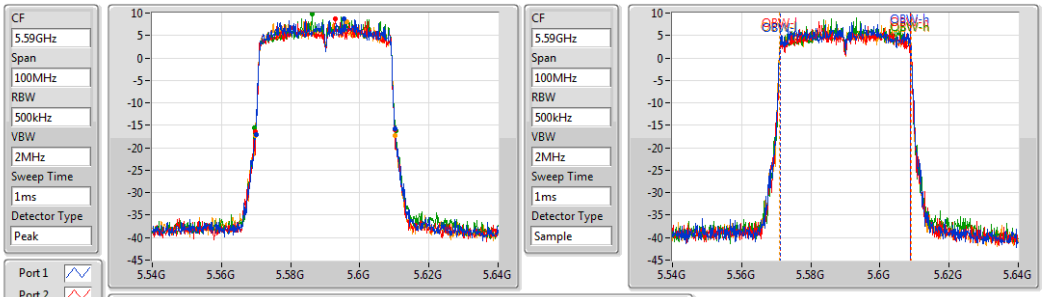
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.159M	5.48913G	5.53029G	37.771M	5.491042G	5.528813G	Inf	1
40.725M	5.489855G	5.53058G	37.771M	5.491042G	5.528813G	Inf	2
40.58M	5.489855G	5.530435G	37.771M	5.491187G	5.528958G	Inf	3
40.58M	5.48971G	5.53029G	37.771M	5.491042G	5.528813G	Inf	4

11AX40_Nss1,(MCS0)_4TX **EBW**

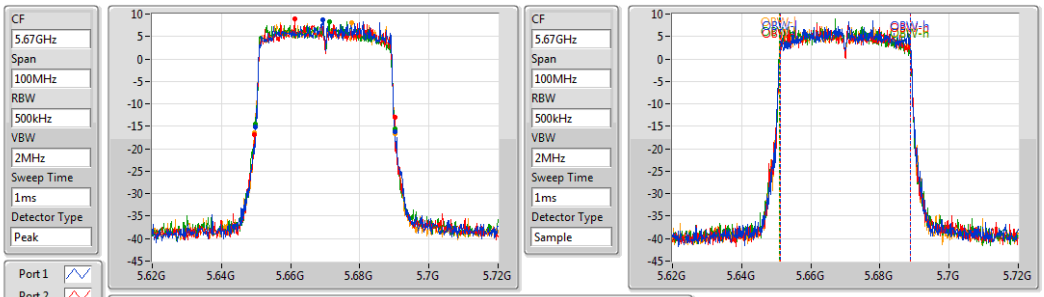
5590MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.29M	5.57G	5.61029G	37.627M	5.571187G	5.608813G	Inf	1
40.29M	5.569855G	5.610145G	37.627M	5.571187G	5.608813G	Inf	2
41.014M	5.56942G	5.610435G	37.627M	5.571187G	5.608813G	Inf	3
40.58M	5.56971G	5.61029G	37.916M	5.571042G	5.608958G	Inf	4

11AX40_Nss1,(MCS0)_4TX **EBW**

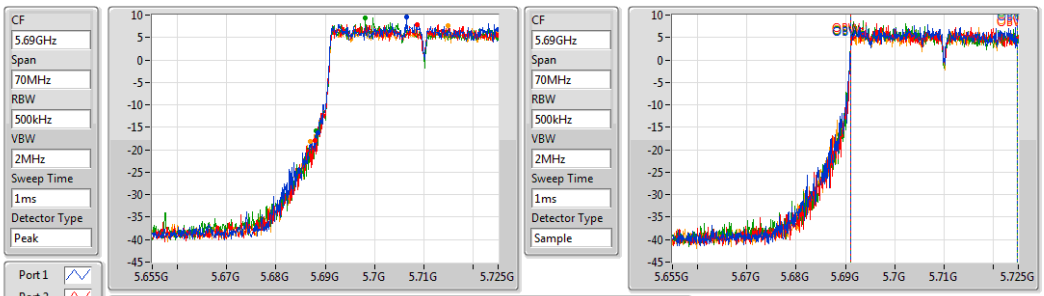
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.29M	5.649855G	5.690145G	37.627M	5.651187G	5.688813G	Inf	1
40.725M	5.64942G	5.690145G	37.627M	5.651187G	5.688813G	Inf	2
40.435M	5.64971G	5.690145G	37.627M	5.651042G	5.688669G	Inf	3
40.87M	5.64942G	5.69029G	37.771M	5.651042G	5.688813G	Inf	4

11AX40_Nss1,(MCS0)_4TX **EBW**

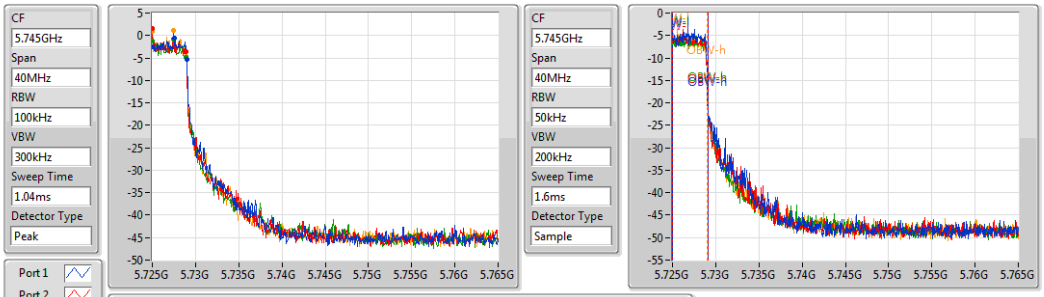
5710MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.522M	5.688478G	5.725G	33.734M	5.691013G	5.724747G	Inf	1
37.029M	5.687971G	5.725G	33.734M	5.691114G	5.724848G	Inf	2
36.826M	5.688174G	5.725G	33.835M	5.691013G	5.724848G	Inf	3
38.043M	5.686957G	5.725G	33.835M	5.691013G	5.724848G	Inf	4

11AX40_Nss1,(MCS0)_4TX **EBW**

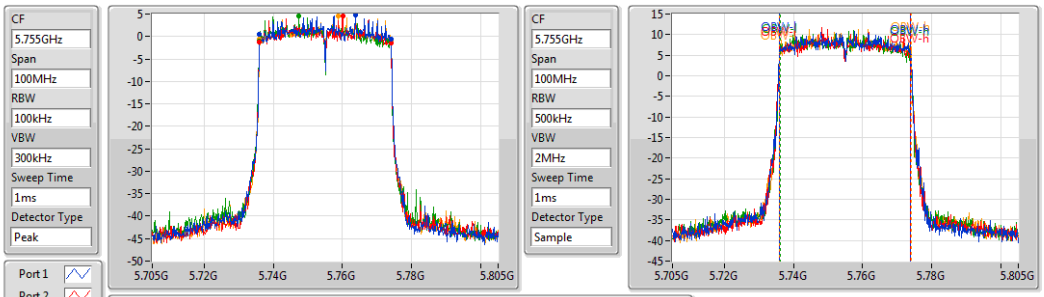
5710MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.725G	5.729G	4.11M	5.725029G	5.729139G	500k	1
3.942M	5.725G	5.728942G	4.052M	5.725029G	5.729081G	500k	2
3.942M	5.725G	5.728942G	4.052M	5.725029G	5.729081G	500k	3
3.942M	5.725G	5.728942G	3.994M	5.725029G	5.729023G	500k	4

11AX40_Nss1,(MCS0)_4TX **EBW**

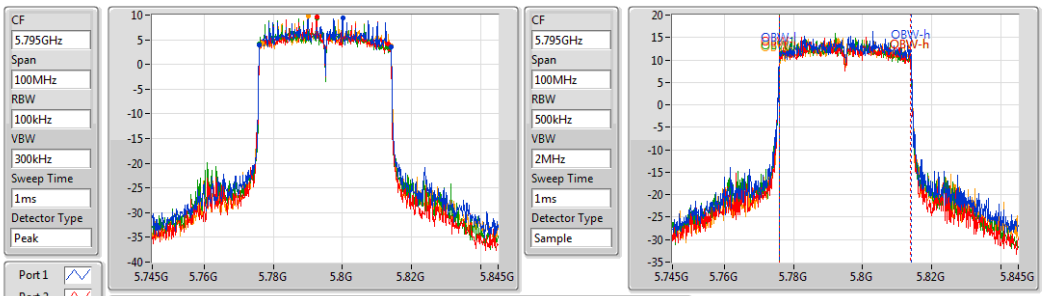
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.971M	5.736014G	5.773986G	37.771M	5.736042G	5.773813G	500k	1
37.971M	5.736014G	5.773986G	37.771M	5.736042G	5.773813G	500k	2
37.536M	5.736014G	5.773551G	37.627M	5.736187G	5.773813G	500k	3
38.116M	5.736014G	5.77413G	37.916M	5.736042G	5.773958G	500k	4

11AX40_Nss1,(MCS0)_4TX **EBW**

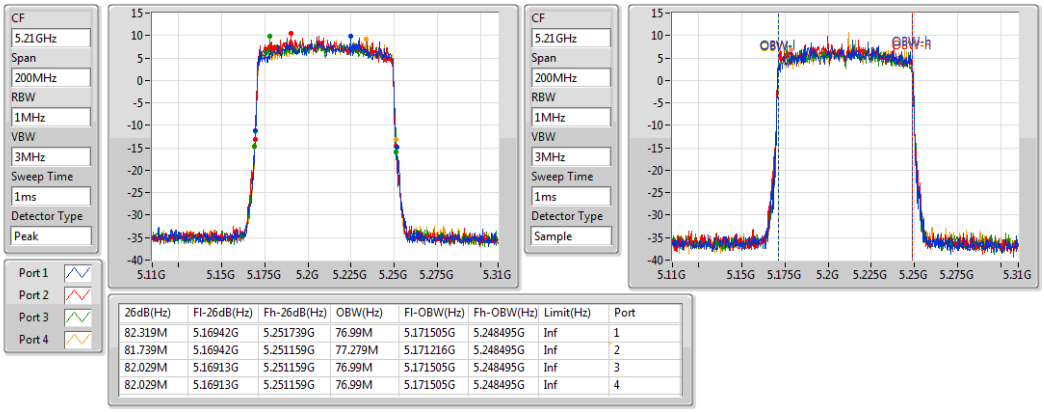
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.971M	5.776014G	5.813986G	37.916M	5.776042G	5.813958G	500k	1
37.101M	5.776014G	5.813116G	37.771M	5.776042G	5.813813G	500k	2
36.957M	5.776014G	5.812971G	37.771M	5.776042G	5.813813G	500k	3
37.246M	5.776739G	5.813986G	37.771M	5.776042G	5.813813G	500k	4

11AX80_Nss1,(MCS0)_4TX **EBW**

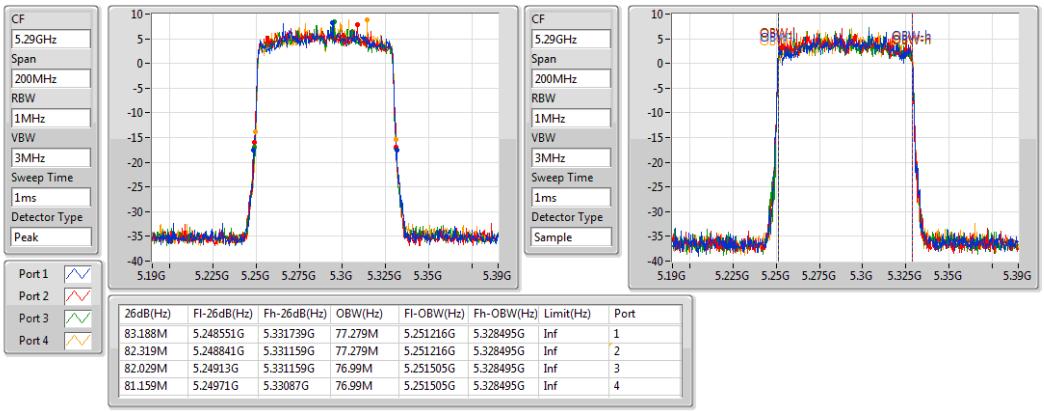
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.319M	5.16942G	5.251739G	76.99M	5.171505G	5.248495G	Inf	1
81.739M	5.16942G	5.251159G	77.279M	5.171216G	5.248495G	Inf	2
82.029M	5.16913G	5.251159G	76.99M	5.171505G	5.248495G	Inf	3
82.029M	5.16913G	5.251159G	76.99M	5.171505G	5.248495G	Inf	4

11AX80_Nss1,(MCS0)_4TX **EBW**

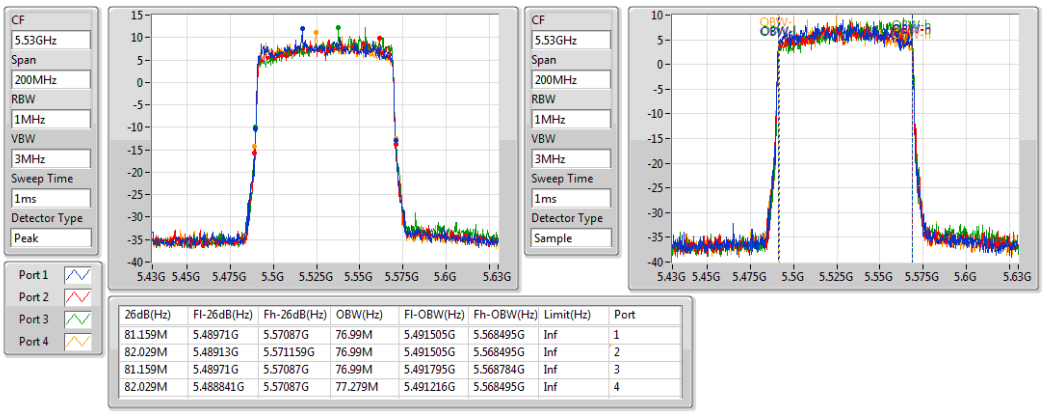
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.188M	5.248551G	5.331739G	77.279M	5.251216G	5.328495G	Inf	1
82.319M	5.248841G	5.331159G	77.279M	5.251216G	5.328495G	Inf	2
82.029M	5.24913G	5.331159G	76.99M	5.251505G	5.328495G	Inf	3
81.159M	5.24971G	5.33087G	76.99M	5.251505G	5.328495G	Inf	4

11AX80_Nss1,(MCS0)_4TX **EBW**

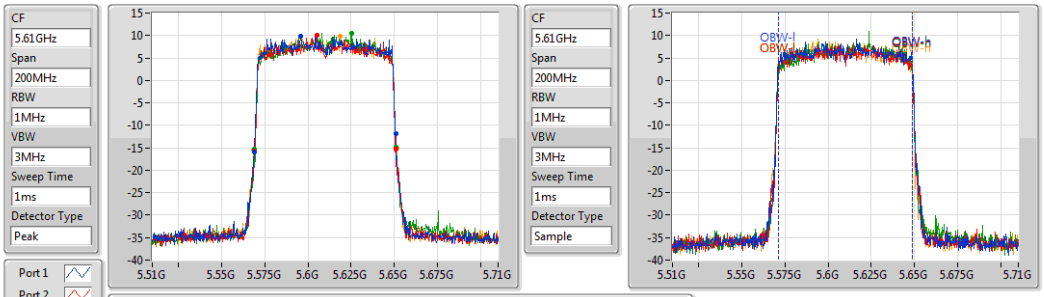
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.159M	5.48971G	5.57087G	76.99M	5.491505G	5.568495G	Inf	1
82.029M	5.48913G	5.571159G	76.99M	5.491505G	5.568495G	Inf	2
81.159M	5.48971G	5.57087G	76.99M	5.491795G	5.568784G	Inf	3
82.029M	5.488841G	5.57087G	77.279M	5.491216G	5.568495G	Inf	4

11AX80_Nss1,(MCS0)_4TX **EBW**

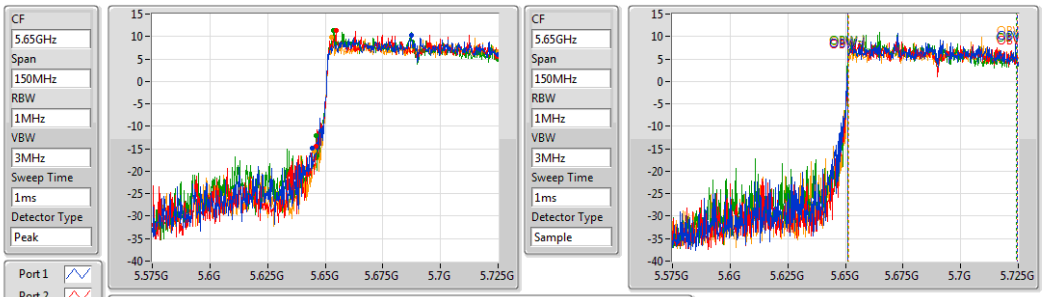
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.029M	5.568841G	5.65087G	77.279M	5.571216G	5.648495G	Inf	1
81.739M	5.56913G	5.65087G	76.99M	5.571505G	5.648495G	Inf	2
82.319M	5.568841G	5.651159G	76.99M	5.571505G	5.648495G	Inf	3
82.899M	5.568551G	5.651449G	77.279M	5.571216G	5.648495G	Inf	4

11AX80_Nss1,(MCS0)_4TX **EBW**

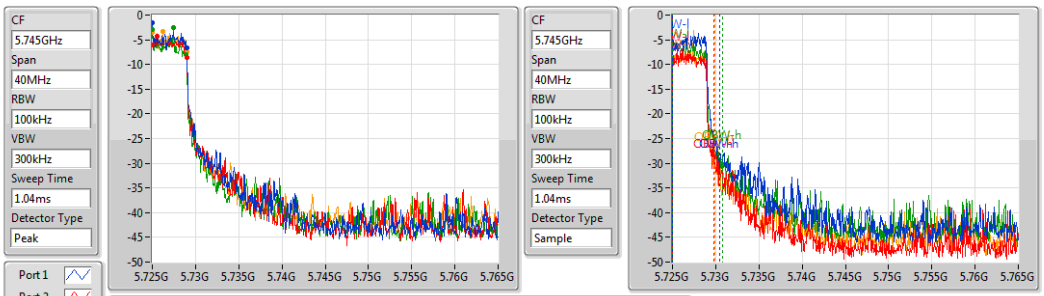
5690MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.652M	5.644348G	5.725G	73.372M	5.651085G	5.724457G	Inf	1
78.913M	5.646087G	5.725G	73.372M	5.651085G	5.724457G	Inf	2
79.13M	5.64587G	5.725G	73.372M	5.650868G	5.72424G	Inf	3
80M	5.645G	5.725G	73.155M	5.651302G	5.724457G	Inf	4

11AX80_Nss1,(MCS0)_4TX **EBW**

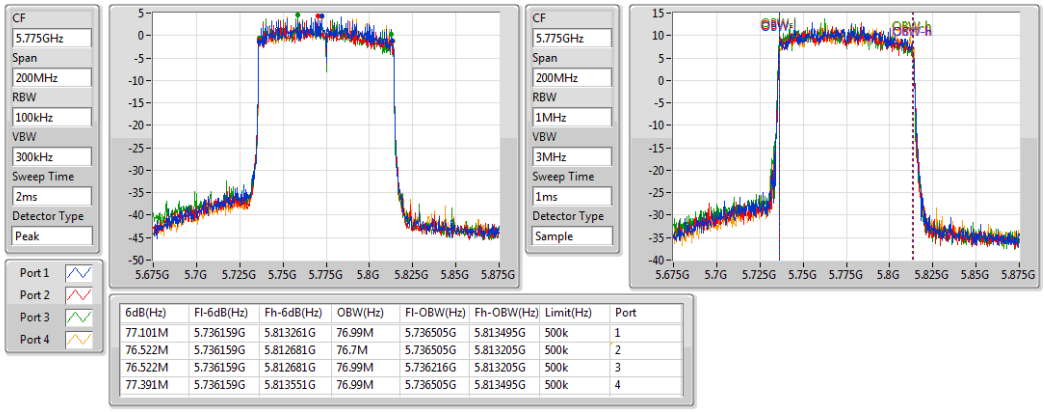
5690MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.725G	5.729G	5.441M	5.725029G	5.73047G	500k	1
4M	5.725G	5.729G	4.805M	5.725029G	5.729834G	500k	2
3.942M	5.725G	5.728942G	5.731M	5.725029G	5.73076G	500k	3
4M	5.725G	5.729G	4.863M	5.725029G	5.729891G	500k	4

11AX80_Nss1,(MCS0)_4TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.101M	5.736159G	5.813261G	76.99M	5.736505G	5.813495G	500k	1
76.522M	5.736159G	5.812681G	76.7M	5.736505G	5.813205G	500k	2
76.522M	5.736159G	5.812681G	76.99M	5.736216G	5.813205G	500k	3
77.391M	5.736159G	5.813551G	76.99M	5.736505G	5.813495G	500k	4

3.3 RF Output Power

3.3.1 Limit of RF Output Power

Frequency band 5150-5250 MHz		
Operating Mode		**Limit**
☐	Outdoor access point	Conducted Power: 1 W The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm)
☒	Indoor access point	Conducted Power: 1 W
☐	Fixed point-to-point access points	Conducted Power: 1 W
☐	Client devices	Conducted Power: 250 mW

Frequency Band (MHz)		**Limit**
☒	5250 ~ 5350	Conducted Power: 250mW or 11dBm+10 log B
☒	5470 ~ 5725	Conducted Power: 250mW or 11dBm+10 log B
☒	5725 ~ 5850	Conducted Power: 1 W
Note: “B” is the 26dB emission bandwidth in MHz.		

3.3.2 Test Procedures

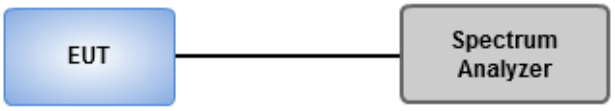
Method PM-G (Measurement using a gated RF average power meter)

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.

Spectrum analyzer (For channel that extends across the 5.725 GHz boundary)

1. Set RBW = 1MHz, VBW = 3MHz, Sweep time = Auto, Detector = RMS.
2. Trace average at least 100 traces in power averaging mode.
3. Compute power by integrating the spectrum across the 26 dB EBW.
4. Add 10 log(1/X, X:duty cycle) if duty cycle is <98%).

3.3.3 Test Setup



3.3.4 Test Result of Maximum Conducted Output Power

Ambient Condition	17-18°C / 63-65%	Tested By	Aska Huang

Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	24.27	0.26730	29.26	0.84333
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	24.83	0.30409	29.82	0.95940
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	**28.17**	0.65615	33.16	2.07014
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	23.08	0.20324	28.07	0.64121
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.70	0.07413	23.69	0.23388
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	19.11	0.08147	24.10	0.25704
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	**22.14**	0.16368	27.13	0.51642
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	21.02	0.12647	26.01	0.39902
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.76	0.07516	23.75	0.23714
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	19.05	0.08035	24.04	0.25351
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	22.56	0.18030	27.55	0.56885
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	**23.52**	0.22491	28.51	0.70958
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	28.68	0.73790	33.67	2.32809
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	29.57	0.90573	34.56	2.85759
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	**29.66**	0.92470	34.65	2.91743
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	26.90	0.48978	31.89	1.54525

Result

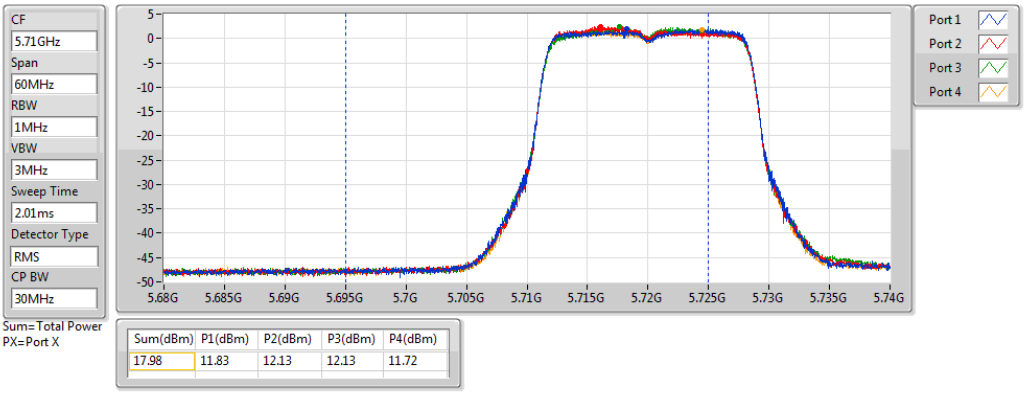
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.99	17.88	18.12	18.03	18.31	24.11	30.00	29.10	36.00
5200MHz	Pass	4.99	17.92	18.55	18.02	18.22	24.20	30.00	29.19	36.00
5240MHz	Pass	4.99	18.12	18.43	18.22	18.24	24.27	30.00	29.26	36.00
5260MHz	Pass	4.99	12.25	12.73	12.51	12.58	18.54	23.70	23.53	29.70
5300MHz	Pass	4.99	12.33	12.38	12.51	12.31	18.40	23.73	23.39	29.73
5320MHz	Pass	4.99	12.54	12.72	12.7	12.75	18.70	23.78	23.69	29.78
5500MHz	Pass	4.99	12.52	12.81	12.91	12.71	18.76	23.73	23.75	29.73
5580MHz	Pass	4.99	12.41	12.46	12.56	12.31	18.46	23.72	23.45	29.72
5700MHz	Pass	4.99	12.62	12.89	12.36	12.73	18.67	23.73	23.66	29.73
5720MHz Straddle 5.47-5.725GHz	Pass	4.99	11.83	12.13	12.13	11.72	17.98	22.58	22.97	28.58
5720MHz Straddle 5.725-5.85GHz	Pass	4.99	6.13	5.52	5.56	5.41	11.68	30.00	16.67	36.00
5745MHz	Pass	4.99	22.55	22.92	22.54	22.63	28.68	30.00	33.67	36.00
5785MHz	Pass	4.99	22.06	22.24	22.15	22.21	28.19	30.00	33.18	36.00
5825MHz	Pass	4.99	22.01	21.55	21.78	21.85	27.82	30.00	32.81	36.00
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.99	18.81	18.61	18.95	18.86	24.83	30.00	29.82	36.00
5200MHz	Pass	4.99	18.63	18.96	18.82	18.76	24.81	30.00	29.80	36.00
5240MHz	Pass	4.99	18.32	18.91	18.75	18.62	24.68	30.00	29.67	36.00
5260MHz	Pass	4.99	12.82	13.23	13.15	13.13	19.11	24.00	24.10	30.00
5300MHz	Pass	4.99	12.99	13.04	12.86	13.12	19.02	24.00	24.01	30.00
5320MHz	Pass	4.99	12.51	13.06	12.76	12.89	18.83	24.00	23.82	30.00
5500MHz	Pass	4.99	12.63	12.91	12.77	13.01	18.85	24.00	23.84	30.00
5580MHz	Pass	4.99	13.15	13.02	13.15	12.79	19.05	24.00	24.04	30.00
5700MHz	Pass	4.99	13.16	12.93	12.68	12.72	18.90	24.00	23.89	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.99	11.25	12.38	11.83	11.53	17.79	22.99	22.78	28.99
5720MHz Straddle 5.725-5.85GHz	Pass	4.99	7.09	7.06	6.7	6.34	12.83	30.00	17.82	36.00
5745MHz	Pass	4.99	23.86	23.39	23.42	23.51	29.57	30.00	34.56	36.00
5785MHz	Pass	4.99	23.33	22.95	22.92	23.02	29.08	30.00	34.07	36.00
5825MHz	Pass	4.99	23.12	22.46	22.65	22.66	28.75	30.00	33.74	36.00
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.99	17.93	17.95	18.31	18.08	24.09	30.00	29.08	36.00
5230MHz	Pass	4.99	22.02	22.02	22.34	22.21	**28.17**	30.00	33.16	36.00
5270MHz	Pass	4.99	16.01	15.95	16.02	15.92	22.00	24.00	26.99	30.00
5310MHz	Pass	4.99	16.23	16.13	16.11	16.02	**22.14**	24.00	27.13	30.00
5510MHz	Pass	4.99	16.71	16.58	16.54	16.32	22.56	24.00	27.55	30.00
5590MHz	Pass	4.99	16.67	16.38	16.1	16.18	22.36	24.00	27.35	30.00
5670MHz	Pass	4.99	16.24	16.18	15.99	16.02	22.13	24.00	27.12	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5710MHz Straddle 5.47-5.725GHz	Pass	4.99	15.89	15.69	15.71	15.43	21.70	24.00	26.69	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.99	6.38	5.49	5.34	6.06	11.86	30.00	16.85	36.00
5755MHz	Pass	4.99	19.36	19.21	18.74	18.96	25.09	30.00	30.08	36.00
5795MHz	Pass	4.99	23.95	23.77	23.31	23.52	**29.66**	30.00	34.65	36.00
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99	16.85	17.12	17.44	16.81	23.08	30.00	28.07	36.00
5290MHz	Pass	4.99	14.95	14.85	15.23	14.96	21.02	24.00	26.01	30.00
5530MHz	Pass	4.99	17.56	17.36	17.21	17.13	23.34	24.00	28.33	30.00
5610MHz	Pass	4.99	17.81	17.58	17.16	17.41	**23.52**	24.00	28.51	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.99	17.47	17.4	17.29	16.99	23.31	24.00	28.30	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.99	4.29	3.79	3	4.35	9.91	30.00	14.90	36.00
5775MHz	Pass	4.99	21.15	21.05	20.56	20.73	26.90	30.00	31.89	36.00

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

802.11a_Nss1,(6Mbps)_4TX **AV Power**

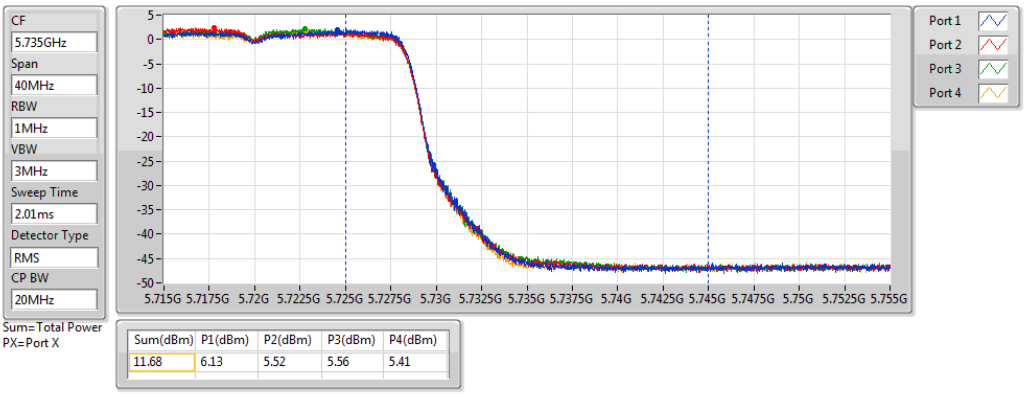
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.98	11.83	12.13	12.13	11.72

802.11a_Nss1,(6Mbps)_4TX **AV Power**

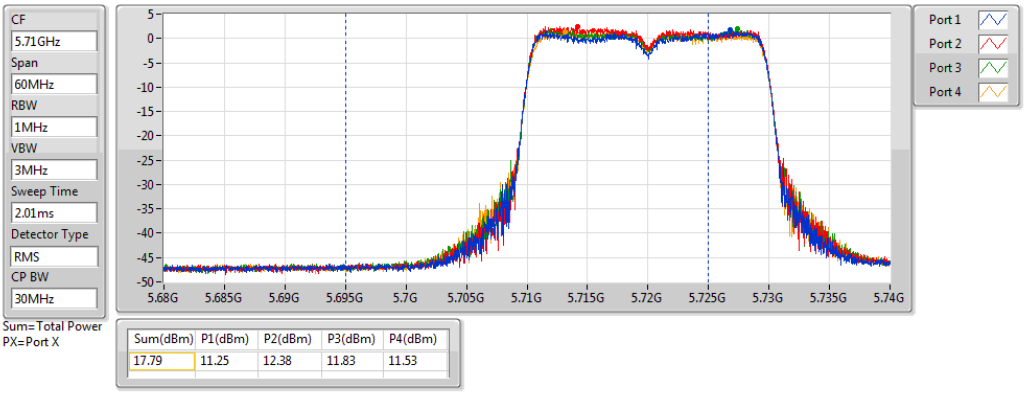
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.68	6.13	5.52	5.56	5.41

11AX20_Nss1,(MCS0)_4TX **AV Power**

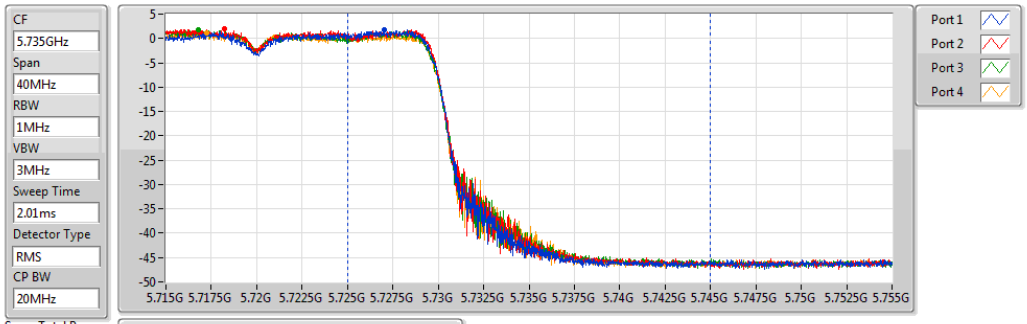
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.79	11.25	12.38	11.83	11.53

11AX20_Nss1,(MCS0)_4TX **AV Power**

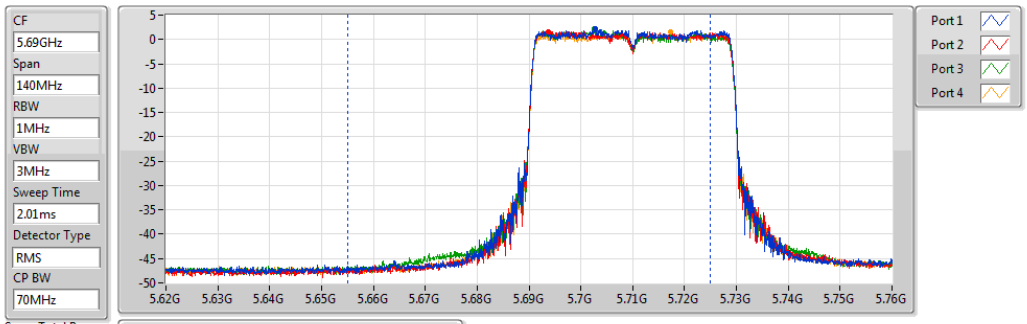
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.83	7.09	7.06	6.70	6.34

11AX40_Nss1,(MCS0)_4TX **AV Power**

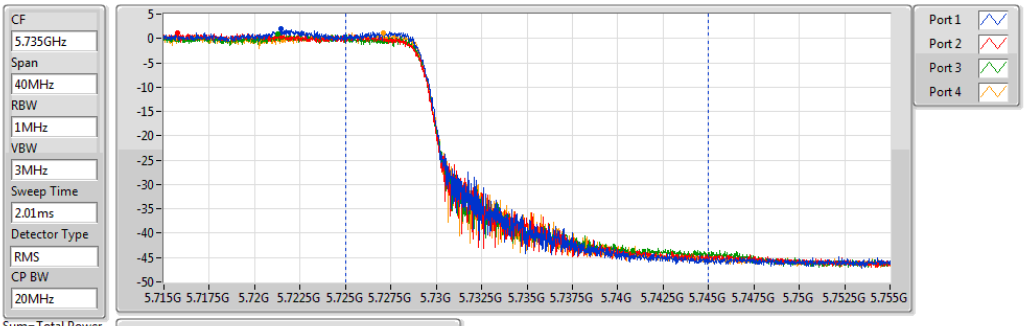
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.70	15.89	15.69	15.71	15.43

11AX40_Nss1,(MCS0)_4TX **AV Power**

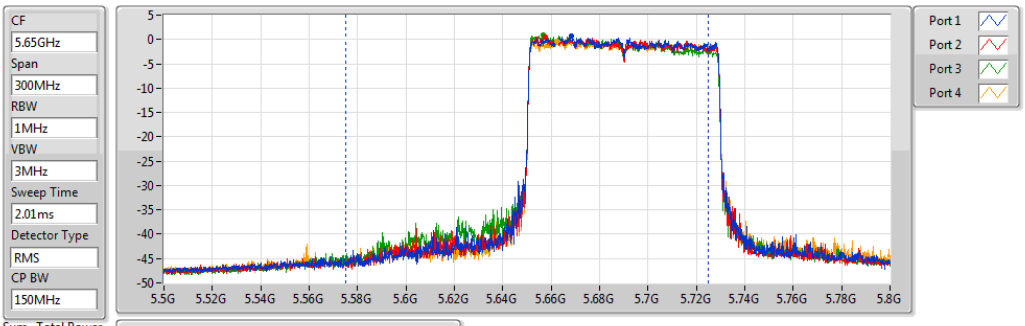
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.86	6.38	5.49	5.34	6.06

11AX80_Nss1,(MCS0)_4TX **AV Power**

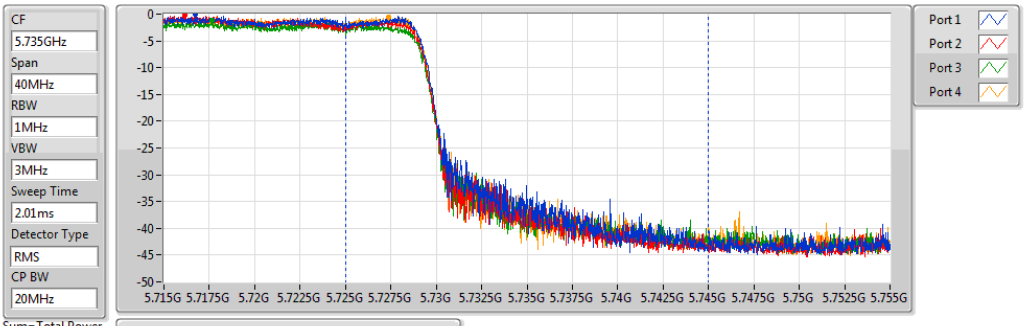
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.31	17.47	17.40	17.29	16.99

11AX80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.91	4.29	3.79	3.00	4.35

Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_OFDMA,BF_Nss1,(MCS0)_4TX	18.81	0.07603	29.82	0.95940
802.11ax HEW40_OFDMA,BF_Nss1,(MCS0)_4TX	22.15	0.16406	33.16	2.07014
802.11ax HEW80_OFDMA,BF_Nss1,(MCS0)_4TX	17.06	0.05082	28.07	0.64121
5.25-5.35GHz	-	-	-	-
802.11ax HEW20_OFDMA,BF_Nss1,(MCS0)_4TX	13.09	0.02037	24.10	0.25704
802.11ax HEW40_OFDMA,BF_Nss1,(MCS0)_4TX	16.12	0.04093	27.13	0.51642
802.11ax HEW80_OFDMA,BF_Nss1,(MCS0)_4TX	15.00	0.03162	26.01	0.39902
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_OFDMA,BF_Nss1,(MCS0)_4TX	13.03	0.02009	24.04	0.25351
802.11ax HEW40_OFDMA,BF_Nss1,(MCS0)_4TX	16.54	0.04508	27.55	0.56885
802.11ax HEW80_OFDMA,BF_Nss1,(MCS0)_4TX	17.50	0.05623	28.51	0.70958
5.725-5.85GHz	-	-	-	-
802.11ax HEW20_OFDMA,BF_Nss1,(MCS0)_4TX	23.55	0.22646	34.56	2.85759
802.11ax HEW40_OFDMA,BF_Nss1,(MCS0)_4TX	23.64	0.23121	34.65	2.91743
802.11ax HEW80_OFDMA,BF_Nss1,(MCS0)_4TX	20.88	0.12246	31.89	1.54525

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_OFDMA,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	12.79	12.59	12.93	12.84	18.81	24.99	29.82	36.00
5200MHz	Pass	11.01	12.61	12.94	12.8	12.74	18.79	24.99	29.80	36.00
5240MHz	Pass	11.01	12.3	12.89	12.73	12.6	18.66	24.99	29.67	36.00
5260MHz	Pass	11.01	6.8	7.21	7.13	7.11	13.09	18.99	24.10	30.00
5300MHz	Pass	11.01	6.97	7.02	6.84	7.1	13.00	18.99	24.01	30.00
5320MHz	Pass	11.01	6.49	7.04	6.74	6.87	12.81	18.99	23.82	30.00
5500MHz	Pass	11.01	6.61	6.89	6.75	6.99	12.83	18.99	23.84	30.00
5580MHz	Pass	11.01	7.13	7	7.13	6.77	13.03	18.99	24.04	30.00
5700MHz	Pass	11.01	7.14	6.91	6.66	6.7	12.88	18.99	23.89	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	5.23	6.36	5.81	5.51	11.77	18.99	22.78	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	1.07	1.04	0.68	0.32	6.81	24.99	17.82	36.00
5745MHz	Pass	11.01	17.84	17.37	17.4	17.49	23.55	24.99	34.56	36.00
5785MHz	Pass	11.01	17.31	16.93	16.9	17	23.06	24.99	34.07	36.00
5825MHz	Pass	11.01	17.1	16.44	16.63	16.64	22.73	24.99	33.74	36.00
802.11ax HEW40_OFDMA,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	11.91	11.93	12.29	12.06	18.07	24.99	29.08	36.00
5230MHz	Pass	11.01	16	16	16.32	16.19	22.15	24.99	33.16	36.00
5270MHz	Pass	11.01	9.99	9.93	10	9.9	15.98	18.99	26.99	30.00
5310MHz	Pass	11.01	10.21	10.11	10.09	10	16.12	18.99	27.13	30.00
5510MHz	Pass	11.01	10.69	10.56	10.52	10.3	16.54	18.99	27.55	30.00
5590MHz	Pass	11.01	10.65	10.36	10.08	10.16	16.34	18.99	27.35	30.00
5670MHz	Pass	11.01	10.22	10.16	9.97	10	16.11	18.99	27.12	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	9.87	9.67	9.69	9.41	15.68	18.99	26.69	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	0.36	-0.53	-0.68	0.04	5.84	24.99	16.85	36.00
5755MHz	Pass	11.01	13.34	13.19	12.72	12.94	19.07	24.99	30.08	36.00
5795MHz	Pass	11.01	17.93	17.75	17.29	17.5	23.64	24.99	34.65	36.00
802.11ax HEW80_OFDMA,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	10.83	11.1	11.42	10.79	17.06	24.99	28.07	36.00
5290MHz	Pass	11.01	8.93	8.83	9.21	8.94	15.00	18.99	26.01	30.00
5530MHz	Pass	11.01	11.54	11.34	11.19	11.11	17.32	18.99	28.33	30.00
5610MHz	Pass	11.01	11.79	11.56	11.14	11.39	17.50	18.99	28.51	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	11.45	11.38	11.27	10.97	17.29	18.99	28.30	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-1.73	-2.23	-3.02	-1.67	3.89	24.99	14.90	36.00
5775MHz	Pass	11.01	15.13	15.03	14.54	14.71	20.88	24.99	31.89	36.00

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

Note:

5180-5240 MHz / 5745-5825 MHz: Directional gain = 4.99dBi + 10*log(4/1) = 11.01 dBi > 6dBi, limit shall be reduced to 30dBm-(11.01dBi – 6dBi) =24.99dBm.

5260-5320 MHz / 5500-5720 MHz: Directional gain = 4.99dBi + 10*log(4/1) = 11.01 dBi > 6dBi, limit shall be reduced to 24dBm-(11.01dBi – 6dBi) =18.99dBm.

3.4 Peak Power Spectral Density

3.4.1 Limit of Peak Power Spectral Density

Frequency band 5150-5250 MHz		
Operating Mode		**Limit**
☐	Outdoor access point	17 dBm / MHz
☒	Indoor access point	17 dBm / MHz
☐	Fixed point-to-point access points	17 dBm / MHz
☐	Client devices	11 dBm / MHz

Frequency Band (MHz)		**Limit**
☒	5250 ~ 5350	11 dBm / MHz
☒	5470 ~ 5725	11 dBm / MHz
☒	5725 ~ 5850	30 dBm /500 kHz

3.4.2 Test Procedures

For 5150 ~ 5250 MHz / 5250 ~ 5350 MHz / 5470 ~ 5725 MHz

Duty cycle ≥ 98 %

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

Duty cycle < 98 %

1. Set RBW = 1 MHz, 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.

For 5725 ~ 5850 MHz

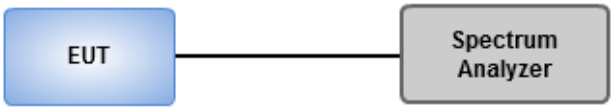
Duty cycle ≥ 98 %

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.

3.4.3 Test Setup



3.4.4 Test Result of Peak Power Spectral Density

Ambient Condition	17-18°C / 63-65%	Tested By	Aska Huang

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.61	22.62
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	11.84	22.85
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	11.30	22.31
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	3.21	14.22
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.74	16.75
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	5.78	16.79
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	5.63	16.64
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	1.10	12.11
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.89	16.90
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	5.85	16.86
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	5.76	16.77
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	4.37	15.38
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.00	25.01
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	15.21	26.22
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	11.52	22.53
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	5.61	16.62

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

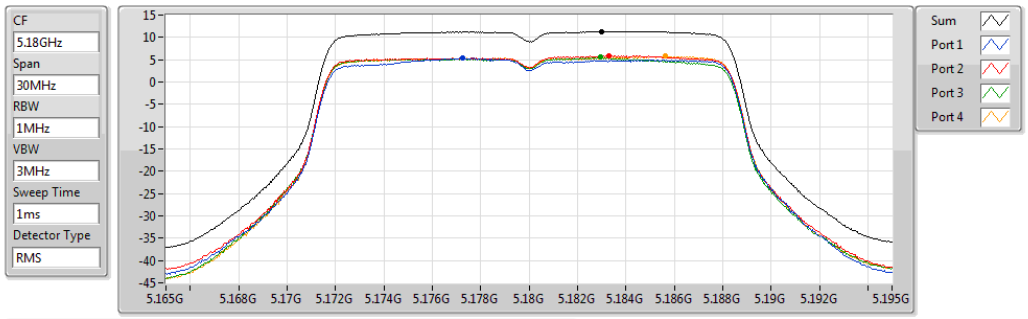
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	5.39	5.85	5.51	5.77	11.35	11.99	22.36	23.00
5200MHz	Pass	11.01	5.34	5.82	5.41	5.58	11.44	11.99	22.45	23.00
5240MHz	Pass	11.01	6.09	6.27	5.93	6.01	11.61	11.99	22.62	23.00
5260MHz	Pass	11.01	-0.18	0.47	-0.08	0.01	5.67	5.99	16.68	17.00
5300MHz	Pass	11.01	-0.06	0.12	-0.22	-0.20	5.50	5.99	16.51	17.00
5320MHz	Pass	11.01	0.05	0.09	-0.23	0.10	5.74	5.99	16.75	17.00
5500MHz	Pass	11.01	-0.34	0.28	0.20	0.06	5.80	5.99	16.81	17.00
5580MHz	Pass	11.01	-0.14	-0.22	0.01	-0.32	5.59	5.99	16.60	17.00
5700MHz	Pass	11.01	0.12	0.44	0.00	-0.08	5.89	5.99	16.90	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	-0.08	0.57	0.35	-0.20	5.87	5.99	16.88	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	-1.60	-2.10	-1.70	-2.06	4.09	24.99	15.10	36.00
5745MHz	Pass	11.01	8.33	8.30	8.27	8.30	14.00	24.99	25.01	36.00
5785MHz	Pass	11.01	8.03	8.07	7.43	7.83	13.62	24.99	24.63	36.00
5825MHz	Pass	11.01	7.58	7.67	7.30	7.43	13.28	24.99	24.29	36.00
802.11ax HEW20_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	6.26	5.85	6.23	6.07	11.84	11.99	22.85	23.00
5200MHz	Pass	11.01	5.83	5.79	5.71	5.83	11.65	11.99	22.66	23.00
5240MHz	Pass	11.01	6.41	6.06	5.71	6.45	11.68	11.99	22.69	23.00
5260MHz	Pass	11.01	0.13	0.18	0.31	0.36	5.78	5.99	16.79	17.00
5300MHz	Pass	11.01	-0.05	-0.24	-0.16	-0.48	5.62	5.99	16.63	17.00
5320MHz	Pass	11.01	0.19	-0.11	-0.24	-0.04	5.58	5.99	16.59	17.00
5500MHz	Pass	11.01	-0.24	-0.35	0.04	0.09	5.50	5.99	16.51	17.00
5580MHz	Pass	11.01	1.05	0.10	0.48	-0.54	5.85	5.99	16.86	17.00
5700MHz	Pass	11.01	0.09	0.67	-0.17	0.15	5.85	5.99	16.86	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	0.10	0.27	0.06	-0.69	5.69	5.99	16.70	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	-1.61	-1.72	-1.39	-2.44	4.02	24.99	15.03	36.00
5745MHz	Pass	11.01	9.57	9.77	9.10	9.33	15.21	24.99	26.22	36.00
5785MHz	Pass	11.01	8.95	8.92	8.41	8.75	14.54	24.99	25.55	36.00
5825MHz	Pass	11.01	8.88	8.00	8.42	8.32	14.15	24.99	25.16	36.00
802.11ax HEW40_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	1.44	1.87	1.51	1.55	7.31	11.99	18.32	23.00
5230MHz	Pass	11.01	5.65	5.66	5.86	5.77	11.30	11.99	22.31	23.00
5270MHz	Pass	11.01	0.23	-0.18	-0.39	-0.54	5.37	5.99	16.38	17.00
5310MHz	Pass	11.01	-0.06	0.01	0.20	0.20	5.63	5.99	16.64	17.00
5510MHz	Pass	11.01	0.08	0.13	0.06	-0.49	5.76	5.99	16.77	17.00
5590MHz	Pass	11.01	0.62	-0.02	-0.56	-0.33	5.62	5.99	16.63	17.00
5670MHz	Pass	11.01	0.47	-0.04	0.49	-0.85	5.72	5.99	16.73	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	0.48	-0.05	0.20	-0.56	5.71	5.99	16.72	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	-2.03	-2.71	-3.06	-2.57	3.14	24.99	14.15	36.00
5755MHz	Pass	11.01	1.41	1.12	0.81	1.17	6.86	24.99	17.87	36.00
5795MHz	Pass	11.01	5.99	5.36	5.63	5.72	11.52	24.99	22.53	36.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW80_OFDMA_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-2.56	-2.03	-2.94	-2.59	3.21	11.99	14.22	23.00
5290MHz	Pass	11.01	-4.56	-4.40	-4.77	-4.38	1.10	5.99	12.11	17.00
5530MHz	Pass	11.01	-2.02	-2.34	-2.03	-2.18	3.68	5.99	14.69	17.00
5610MHz	Pass	11.01	-1.67	-2.04	-1.56	-2.29	3.80	5.99	14.81	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	-1.55	-1.15	-0.99	-1.93	4.37	5.99	15.38	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-3.76	-4.69	-5.35	-4.11	1.35	24.99	12.36	36.00
5775MHz	Pass	11.01	0.27	-0.48	0.18	-0.12	5.61	24.99	16.62	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;
5180-5240 MHz:
Directional gain = 4.99dBi + 10*log(4/1) = 11.01 dBi > 6dBi, limit shall be reduced to 17dBm-(11.01dBi – 6dBi) =11.99dBm.
5260-5320 MHz / 5500-5720 MHz:
Directional gain = 4.99dBi + 10*log(4/1) = 11.01 dBi > 6dBi, limit shall be reduced to 11dBm-(11.01dBi – 6dBi) =5.99dBm.
5745-5825 MHz:
Directional gain = 4.99dBi + 10*log(4/1) = 11.01 dBi > 6dBi, limit shall be reduced to 30dBm-(11.01dBi – 6dBi) =24.99dBm.

802.11a_Nss1,(6Mbps)_4TX **PSD**

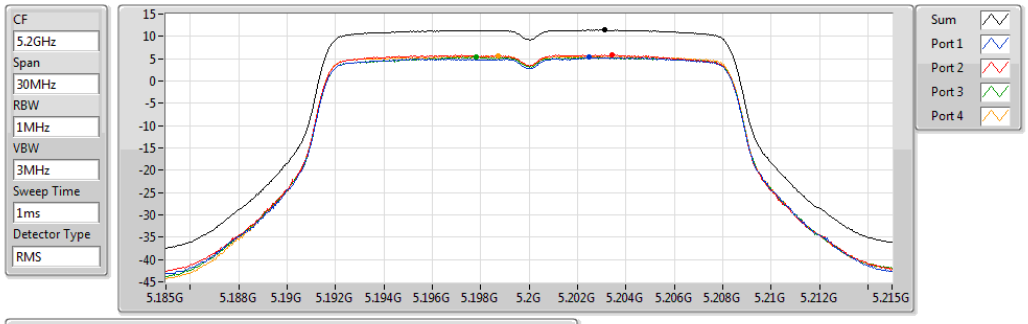
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.35	11.35	5.39	5.85	5.51	5.77

802.11a_Nss1,(6Mbps)_4TX **PSD**

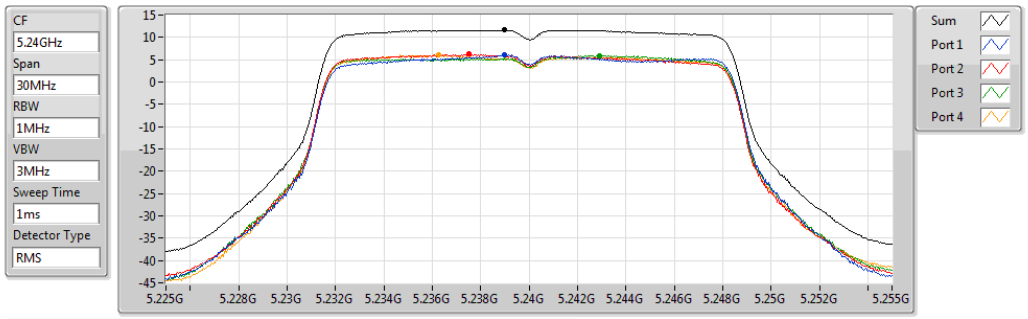
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	5.34	5.82	5.41	5.58

802.11a_Nss1,(6Mbps)_4TX **PSD**

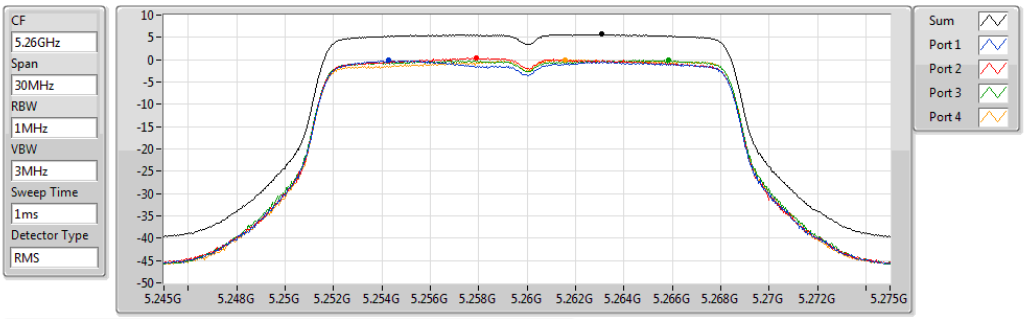
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.61	11.61	6.09	6.27	5.93	6.01

802.11a_Nss1,(6Mbps)_4TX **PSD**

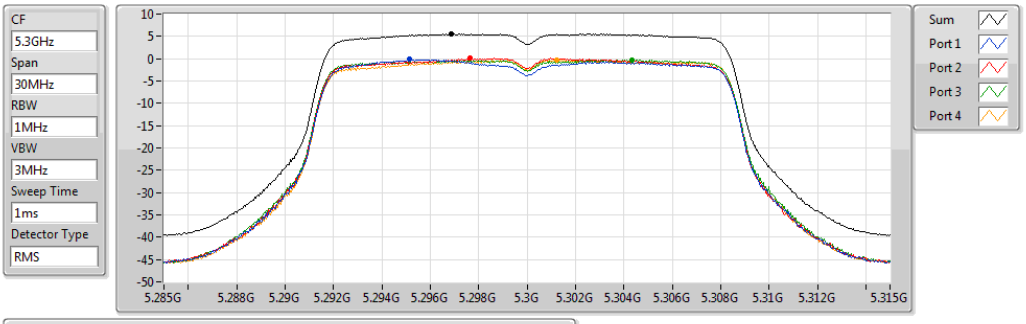
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.67	5.67	-0.18	0.47	-0.08	0.01

802.11a_Nss1,(6Mbps)_4TX **PSD**

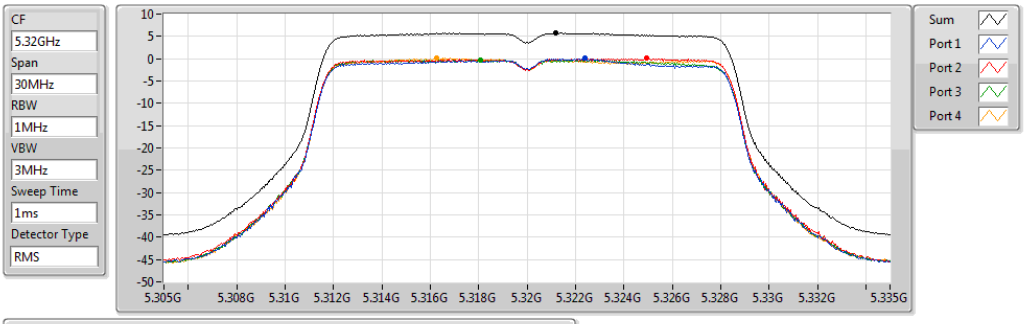
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	-0.06	0.12	-0.22	-0.20

802.11a_Nss1,(6Mbps)_4TX **PSD**

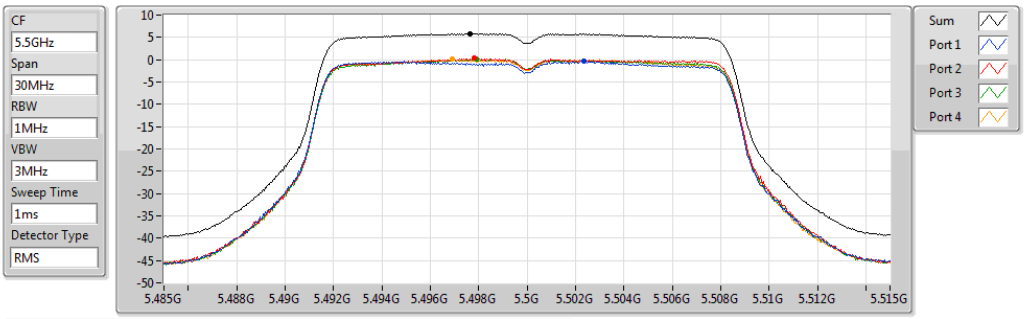
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	0.05	0.09	-0.23	0.10

802.11a_Nss1,(6Mbps)_4TX **PSD**

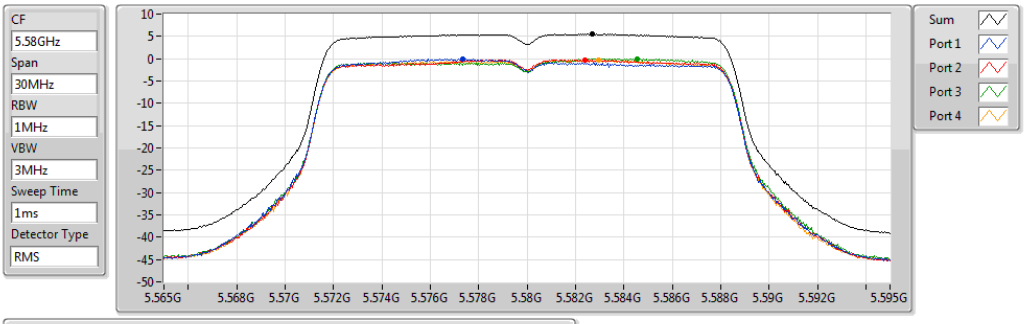
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.80	5.80	-0.34	0.28	0.20	0.06

802.11a_Nss1,(6Mbps)_4TX **PSD**

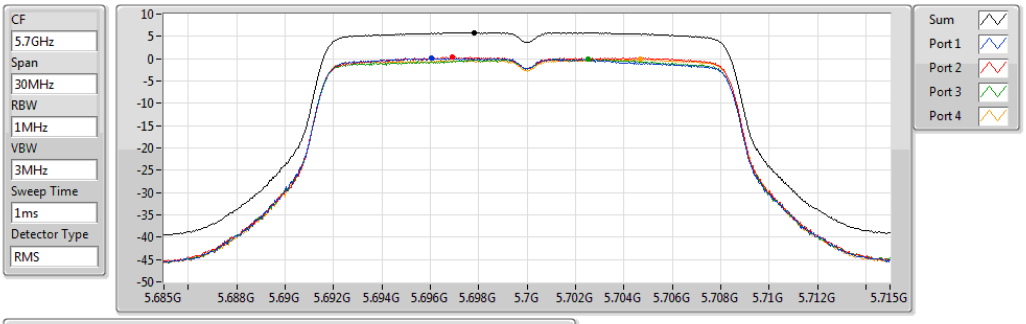
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.59	5.59	-0.14	-0.22	0.01	-0.32

802.11a_Nss1,(6Mbps)_4TX **PSD**

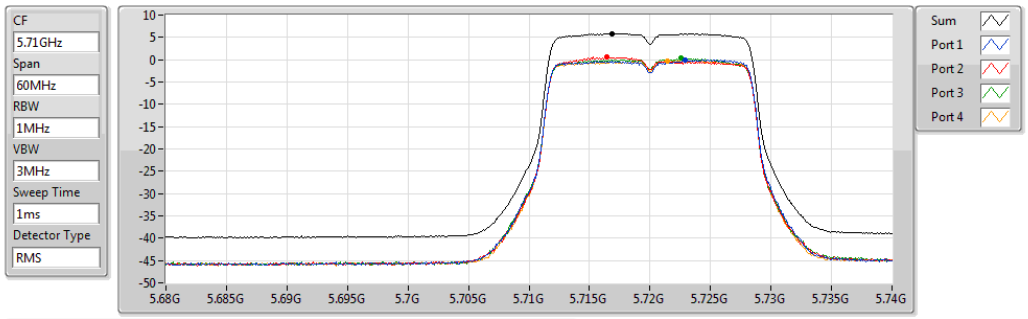
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.89	5.89	0.12	0.44	0.00	-0.08

802.11a_Nss1,(6Mbps)_4TX **PSD**

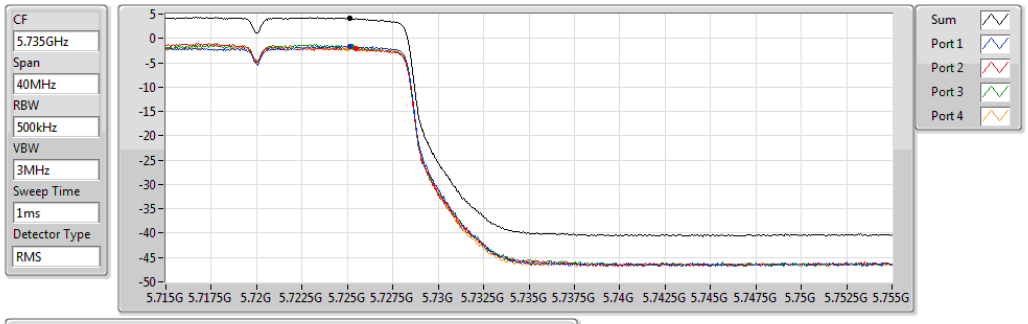
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	-0.08	0.57	0.35	-0.20

802.11a_Nss1,(6Mbps)_4TX **PSD**

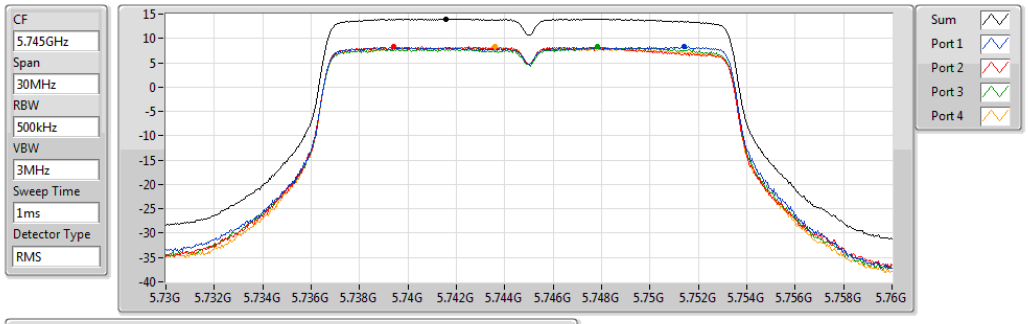
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	-1.60	-2.10	-1.70	-2.06

802.11a_Nss1,(6Mbps)_4TX **PSD**

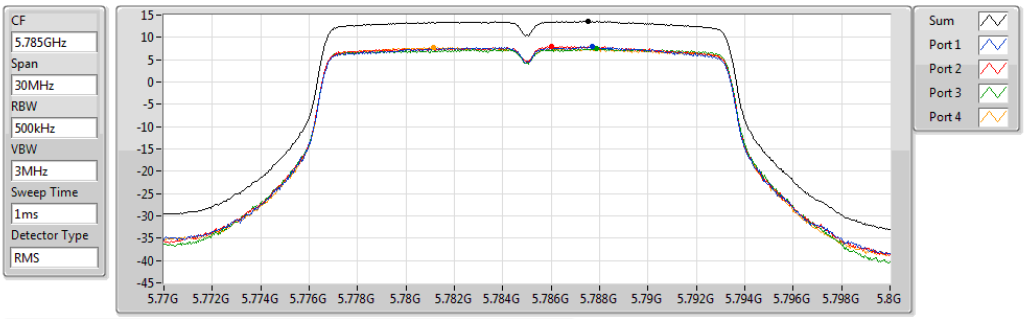
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.00	14.00	8.33	8.30	8.27	8.30

802.11a_Nss1,(6Mbps)_4TX **PSD**

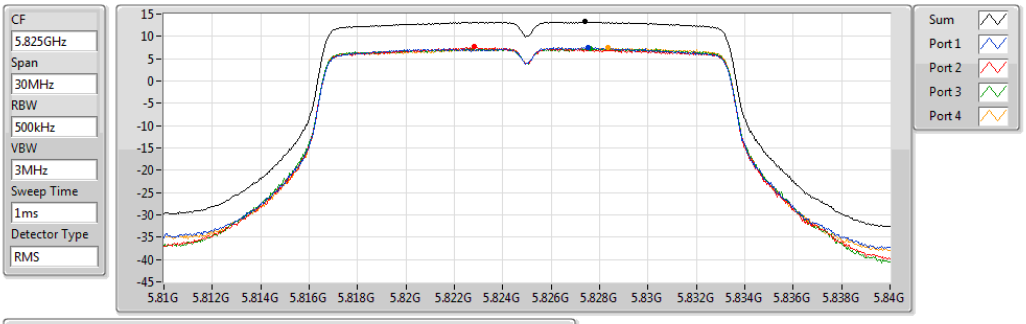
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.62	13.62	8.03	8.07	7.43	7.83

802.11a_Nss1,(6Mbps)_4TX **PSD**

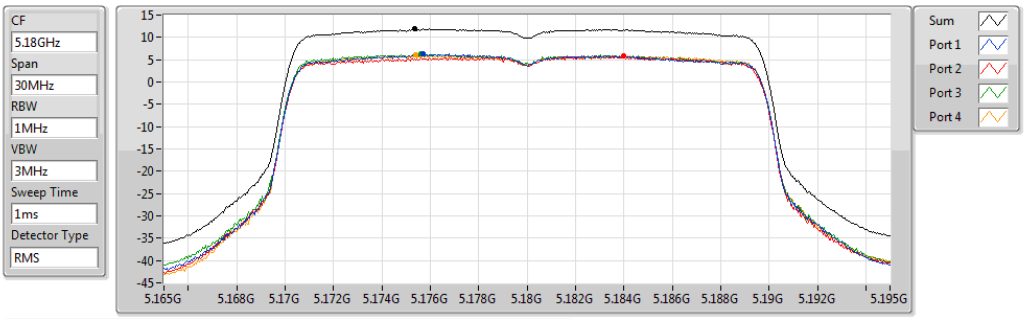
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.28	13.28	7.58	7.67	7.30	7.43

11AX20_Nss1,(MCS0)_4TX **PSD**

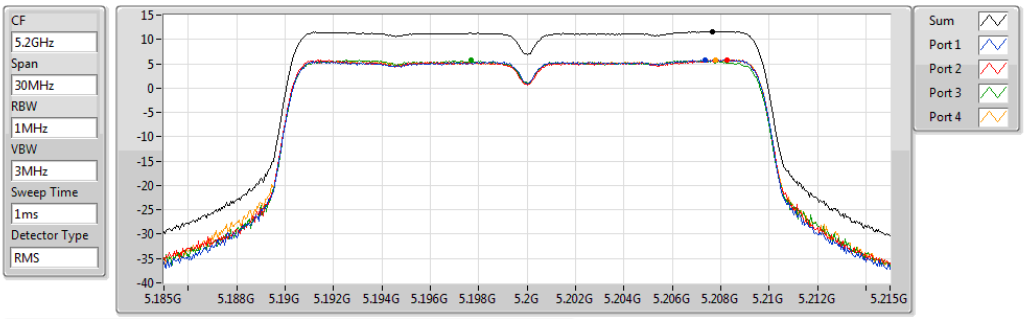
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.84	11.84	6.26	5.85	6.23	6.07

11AX20_Nss1,(MCS0)_4TX **PSD**

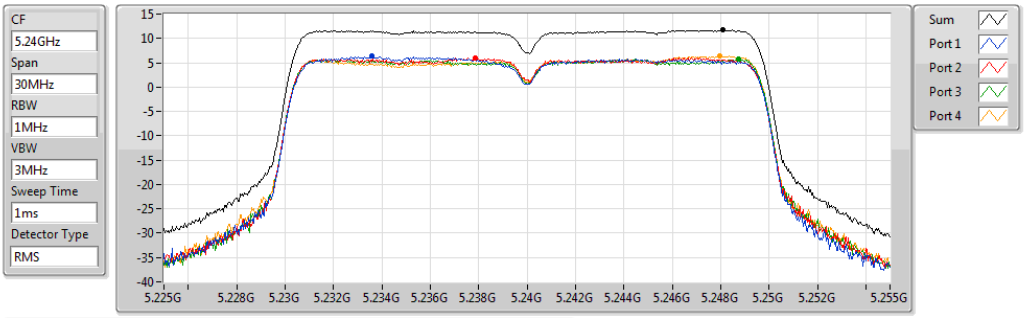
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.65	11.65	5.83	5.79	5.71	5.83

11AX20_Nss1,(MCS0)_4TX **PSD**

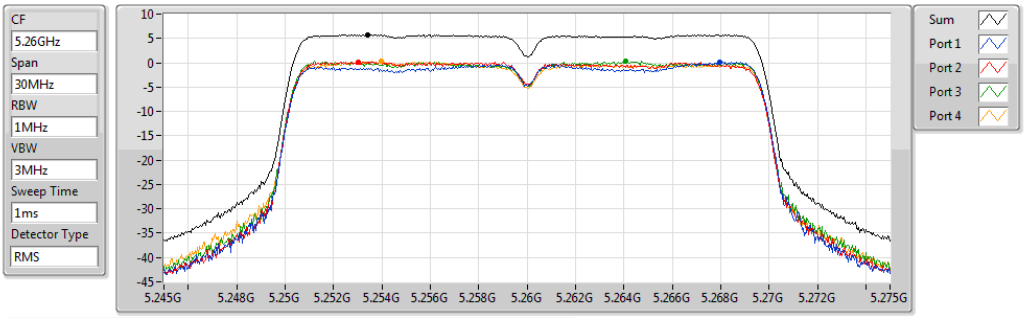
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	6.41	6.06	5.71	6.45

11AX20_Nss1,(MCS0)_4TX **PSD**

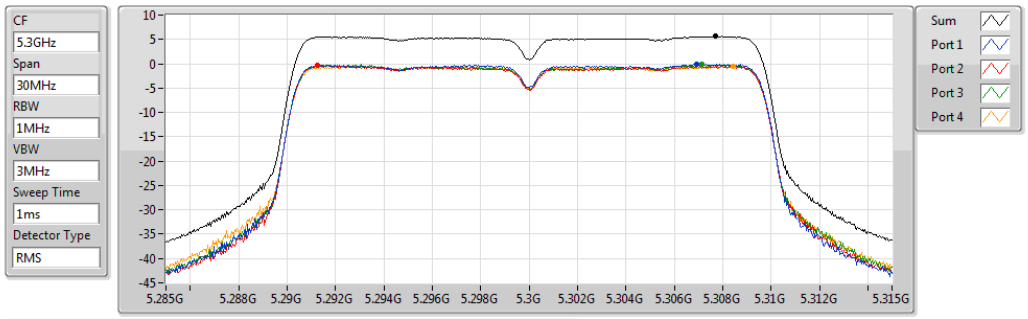
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.78	5.78	0.13	0.18	0.31	0.36

11AX20_Nss1,(MCS0)_4TX **PSD**

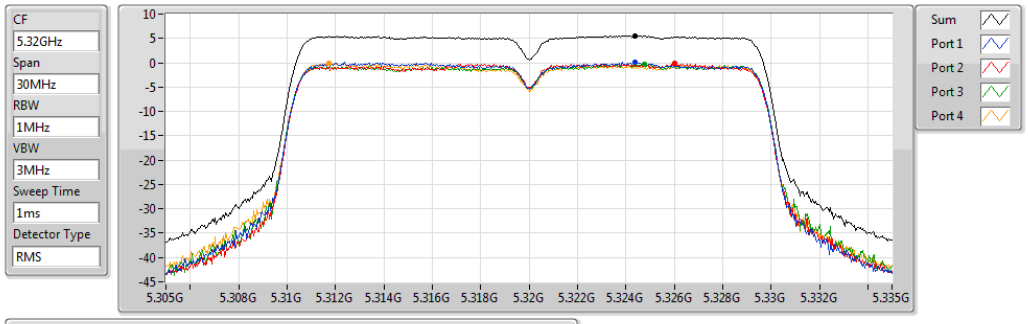
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	-0.05	-0.24	-0.16	-0.48

11AX20_Nss1,(MCS0)_4TX **PSD**

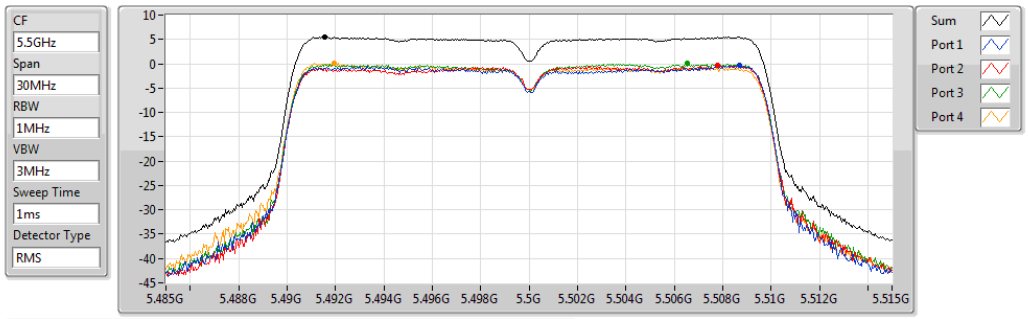
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.58	5.58	0.19	-0.11	-0.24	-0.04

11AX20_Nss1,(MCS0)_4TX **PSD**

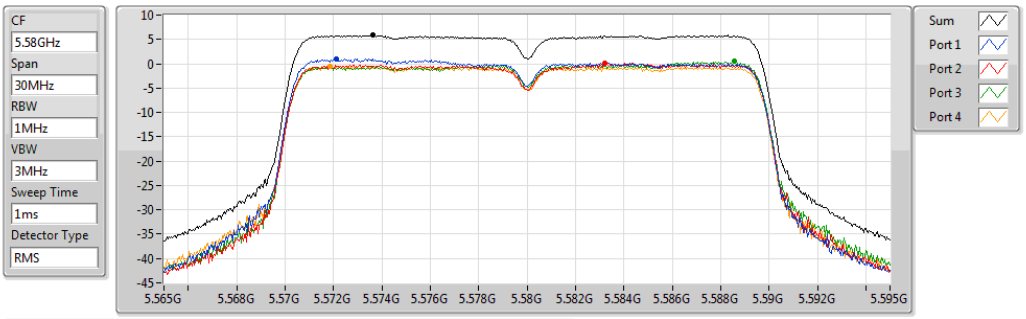
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	-0.24	-0.35	0.04	0.09

11AX20_Nss1,(MCS0)_4TX **PSD**

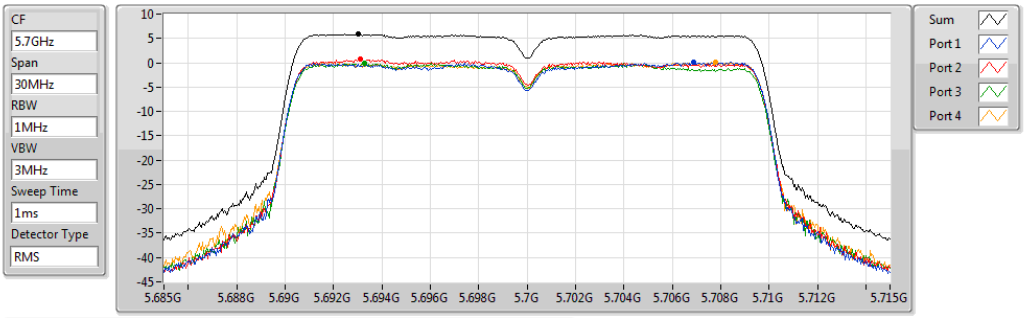
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	1.05	0.10	0.48	-0.54

11AX20_Nss1,(MCS0)_4TX **PSD**

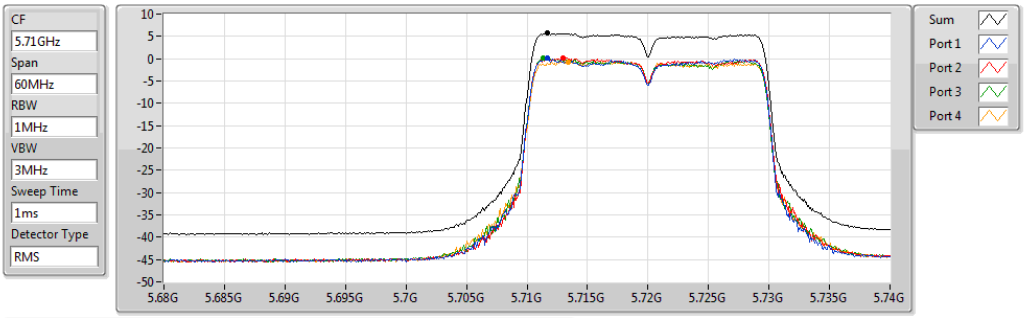
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	0.09	0.67	-0.17	0.15

11AX20_Nss1,(MCS0)_4TX **PSD**

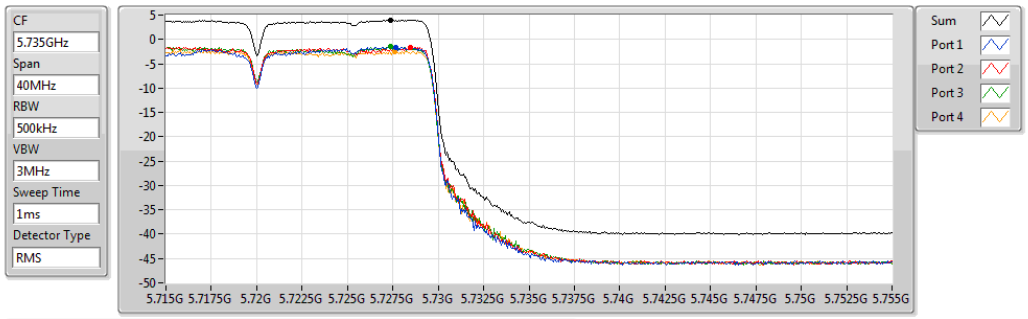
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	0.10	0.27	0.06	-0.69

11AX20_Nss1,(MCS0)_4TX **PSD**

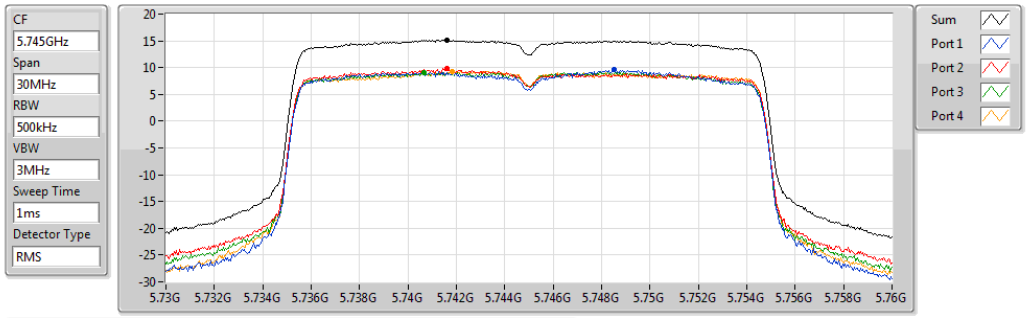
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.02	4.02	-1.61	-1.72	-1.39	-2.44

11AX20_Nss1,(MCS0)_4TX **PSD**

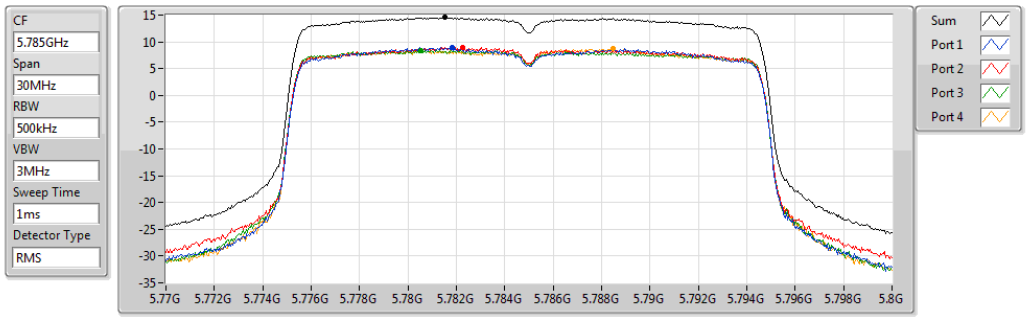
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.21	15.21	9.57	9.77	9.10	9.33

11AX20_Nss1,(MCS0)_4TX **PSD**

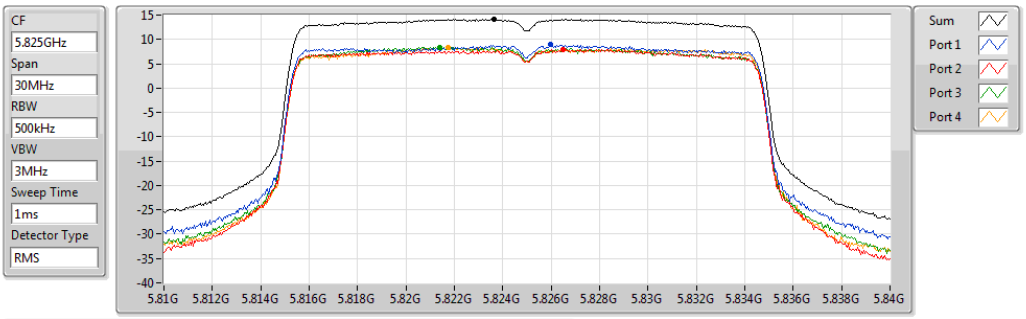
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.54	14.54	8.95	8.92	8.41	8.75

11AX20_Nss1,(MCS0)_4TX **PSD**

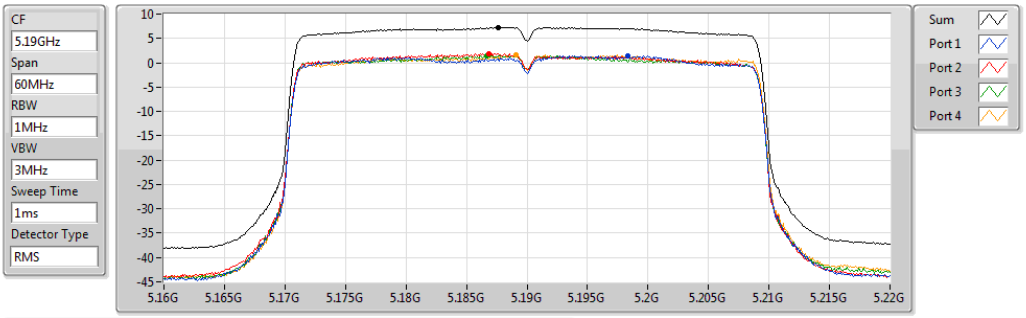
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.15	14.15	8.88	8.00	8.42	8.32

11AX40_Nss1,(MCS0)_4TX **PSD**

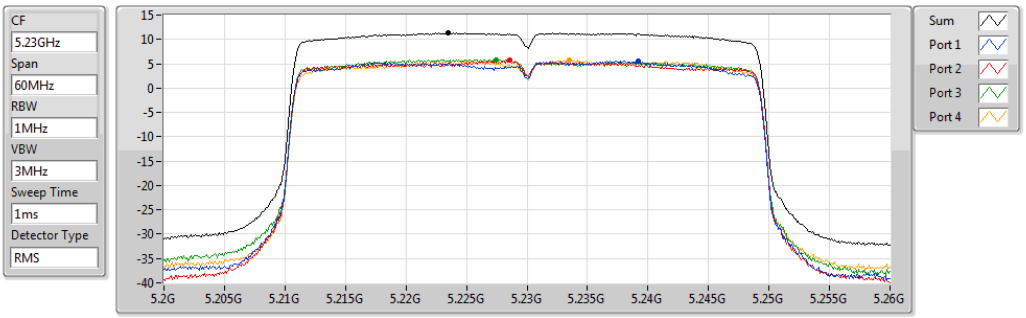
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	1.44	1.87	1.51	1.55

11AX40_Nss1,(MCS0)_4TX **PSD**

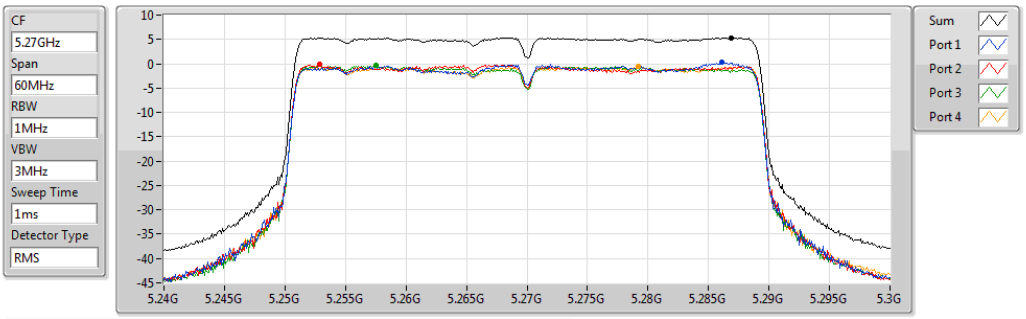
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.30	11.30	5.65	5.66	5.86	5.77

11AX40_Nss1,(MCS0)_4TX **PSD**

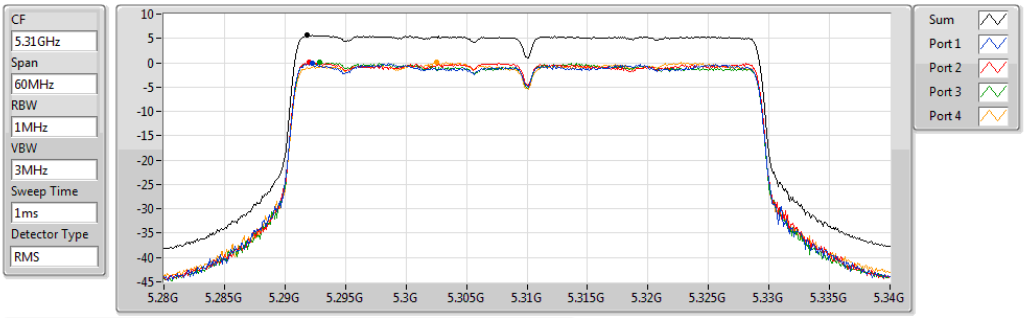
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	0.23	-0.18	-0.39	-0.54

11AX40_Nss1,(MCS0)_4TX **PSD**

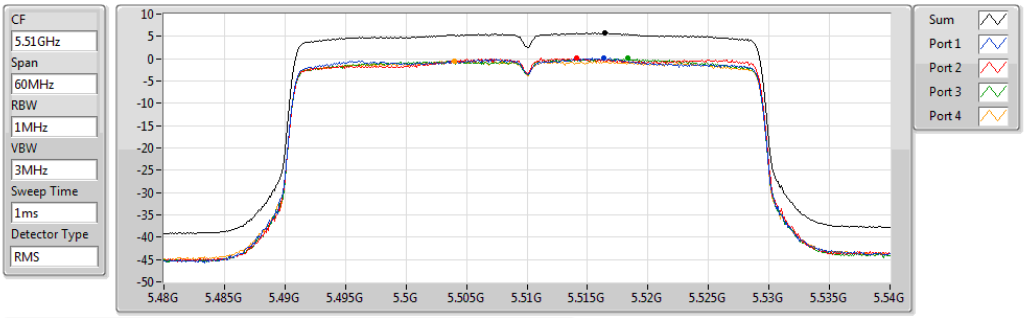
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	-0.06	0.01	0.20	0.20

11AX40_Nss1,(MCS0)_4TX **PSD**

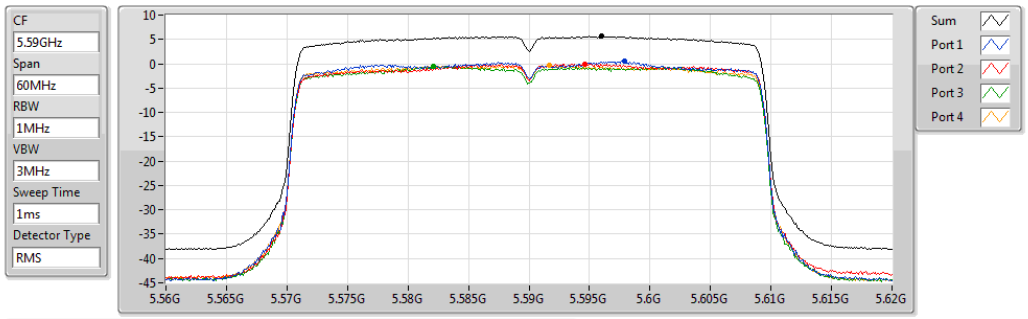
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	0.08	0.13	0.06	-0.49

11AX40_Nss1,(MCS0)_4TX **PSD**

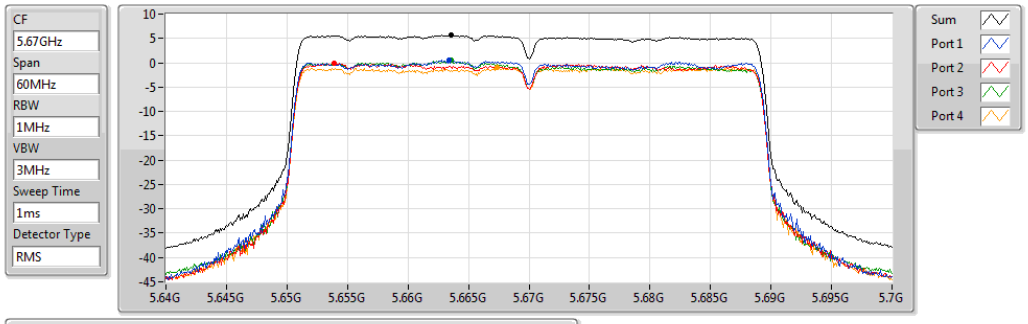
5590MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	0.62	-0.02	-0.56	-0.33

11AX40_Nss1,(MCS0)_4TX **PSD**

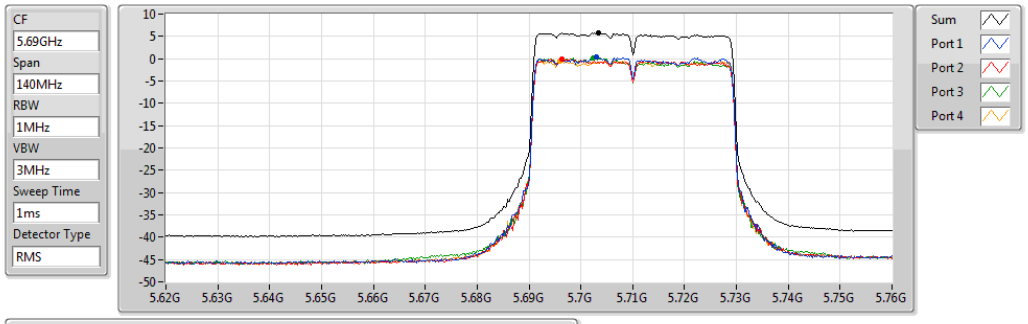
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.72	5.72	0.47	-0.04	0.49	-0.85

11AX40_Nss1,(MCS0)_4TX **PSD**

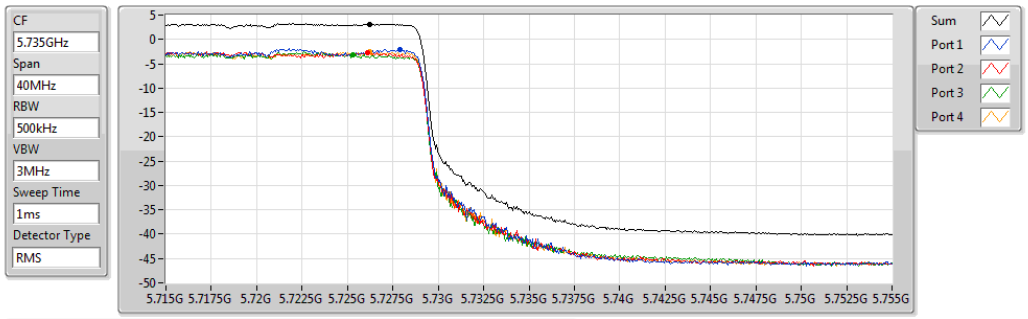
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	0.48	-0.05	0.20	-0.56

11AX40_Nss1,(MCS0)_4TX **PSD**

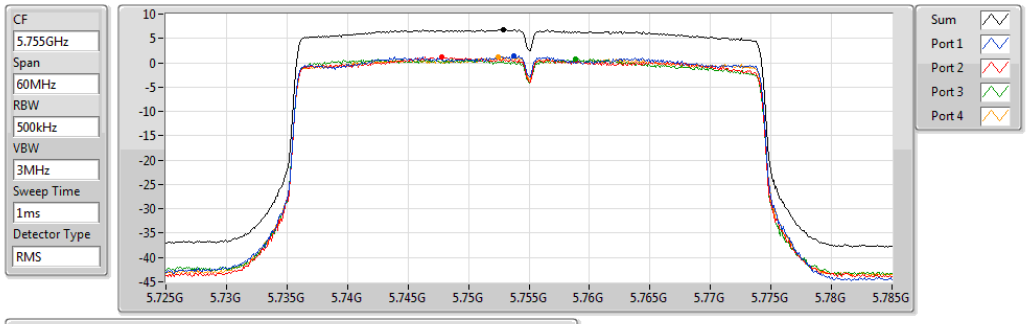
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	-2.03	-2.71	-3.06	-2.57

11AX40_Nss1,(MCS0)_4TX **PSD**

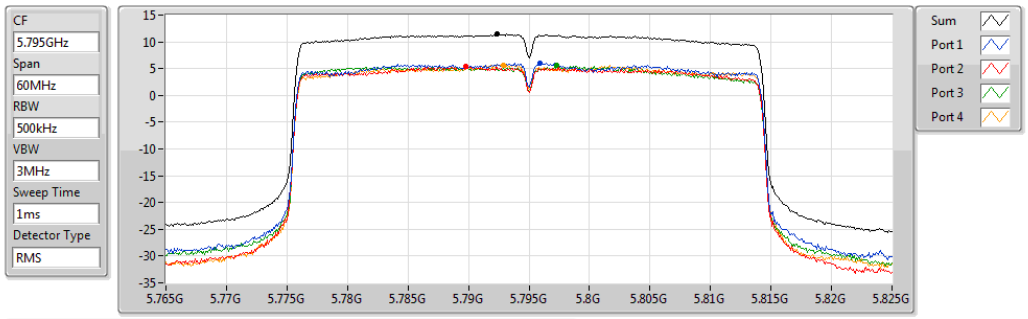
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	1.41	1.12	0.81	1.17

11AX40_Nss1,(MCS0)_4TX **PSD**

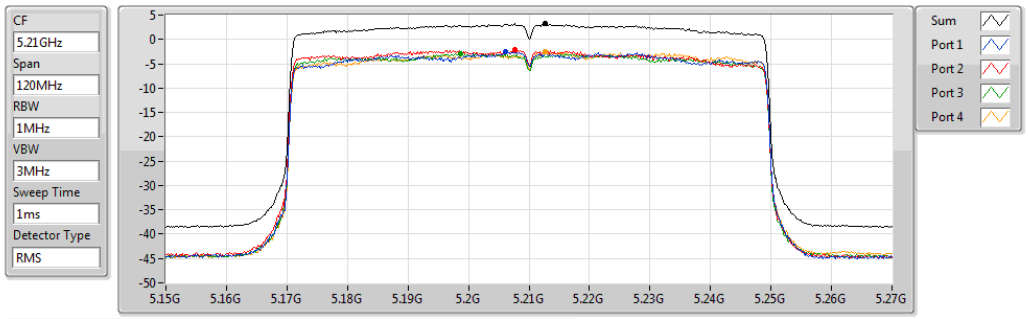
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.52	11.52	5.99	5.36	5.63	5.72

11AX80_Nss1,(MCS0)_4TX **PSD**

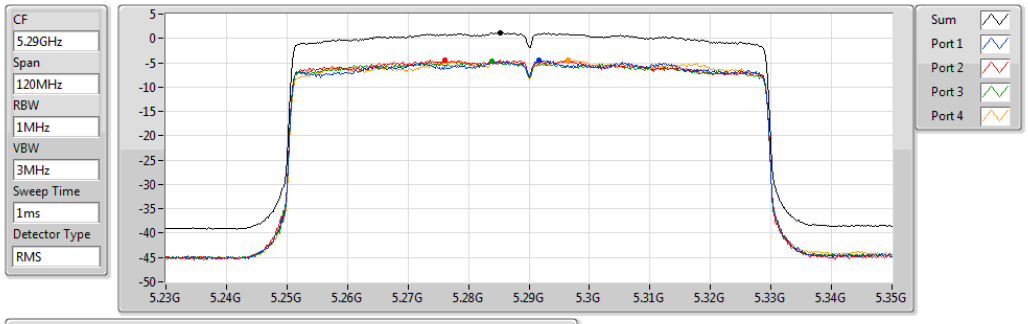
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	-2.56	-2.03	-2.94	-2.59

11AX80_Nss1,(MCS0)_4TX **PSD**

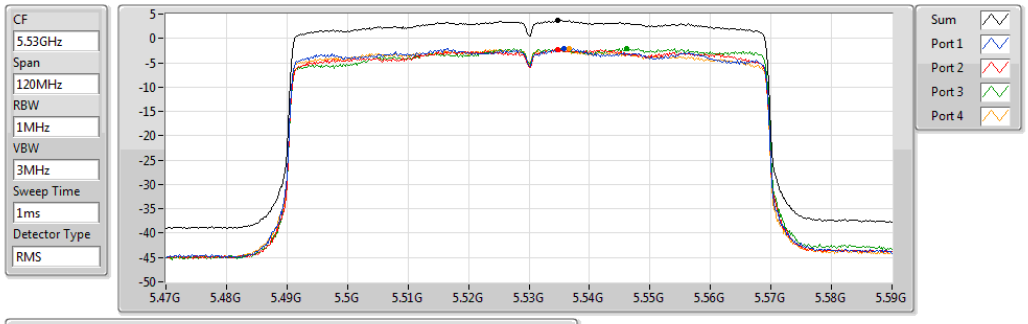
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.10	1.10	-4.56	-4.40	-4.77	-4.38

11AX80_Nss1,(MCS0)_4TX **PSD**

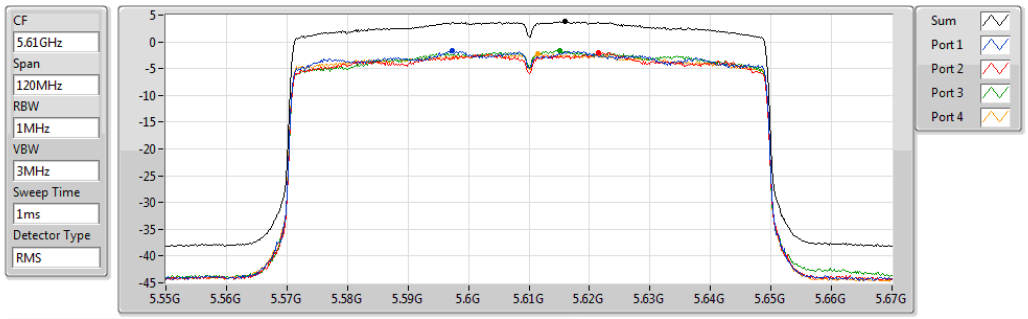
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	-2.02	-2.34	-2.03	-2.18

11AX80_Nss1,(MCS0)_4TX **PSD**

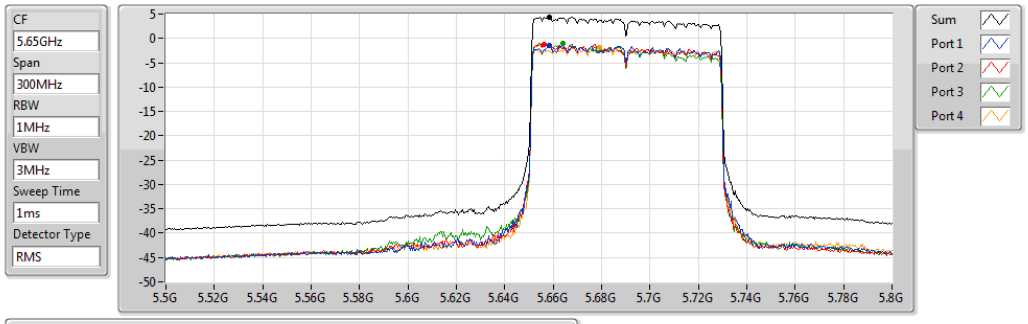
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.80	3.80	-1.67	-2.04	-1.56	-2.29

11AX80_Nss1,(MCS0)_4TX **PSD**

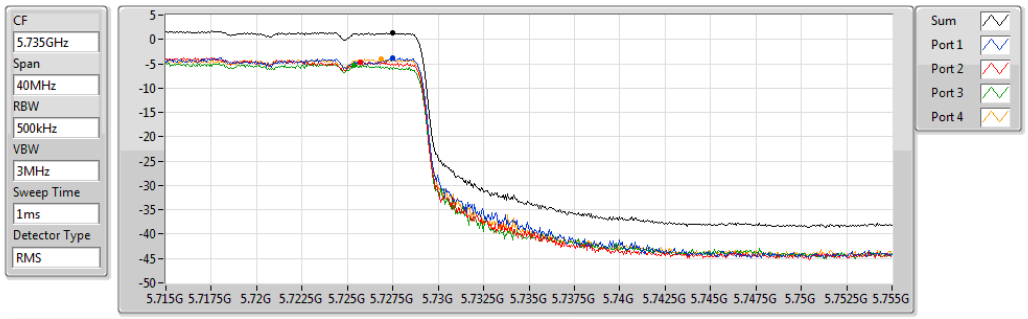
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	-1.55	-1.15	-0.99	-1.93

11AX80_Nss1,(MCS0)_4TX **PSD**

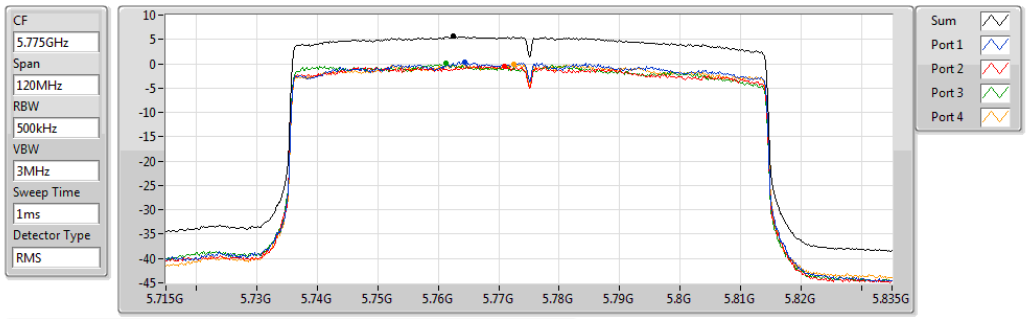
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.35	1.35	-3.76	-4.69	-5.35	-4.11

11AX80_Nss1,(MCS0)_4TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	0.27	-0.48	0.18	-0.12

3.5 Transmitter Radiated and Band Edge Emissions

3.5.1 Limit of Transmitter Radiated and Band Edge Emissions

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

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit
Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.850 GHz	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).	

3.5.2 Test Procedures

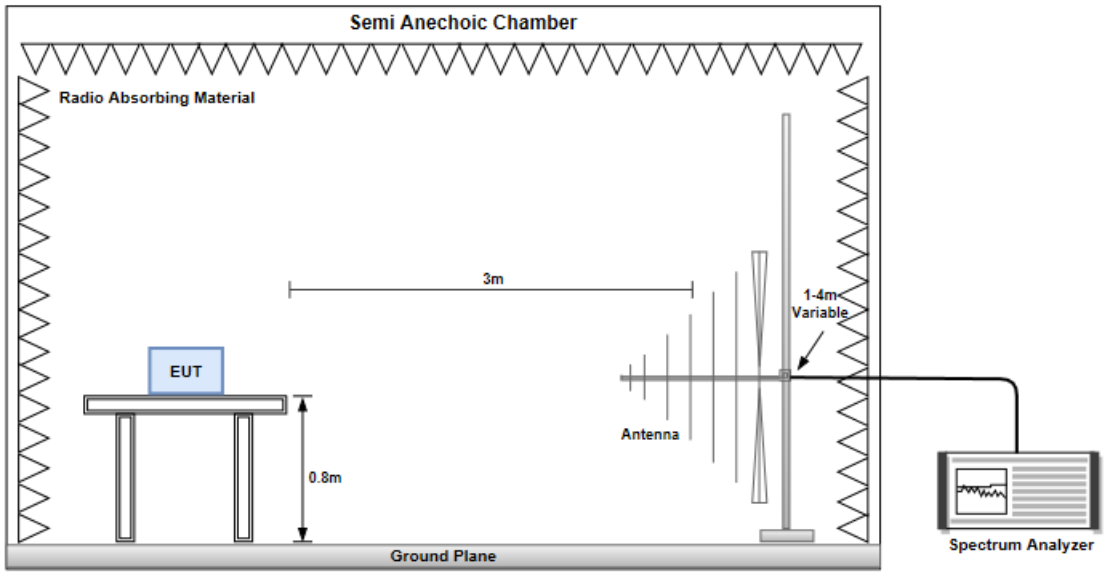
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

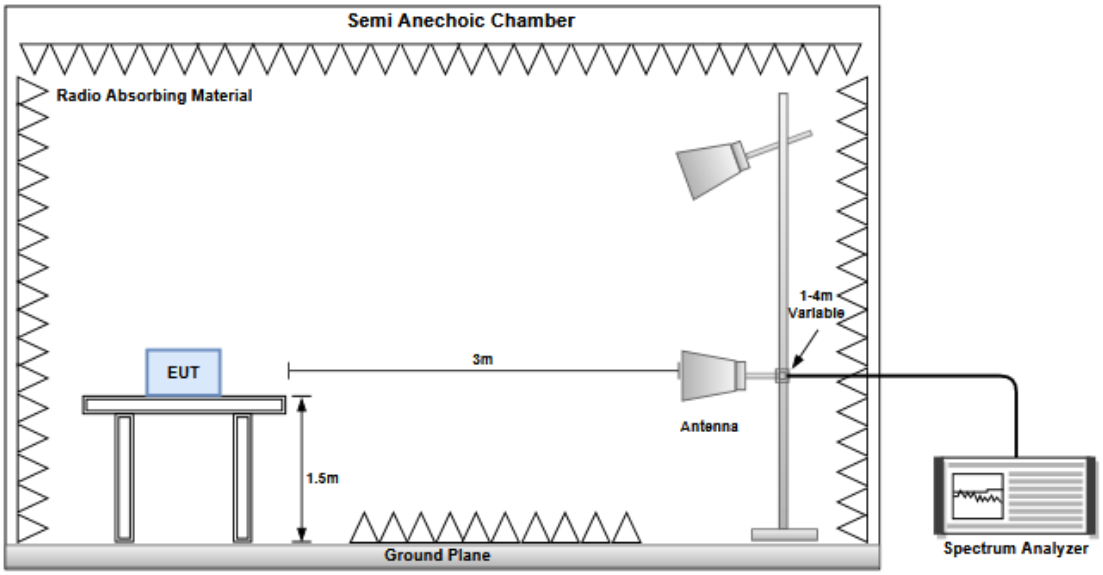
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.5.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz

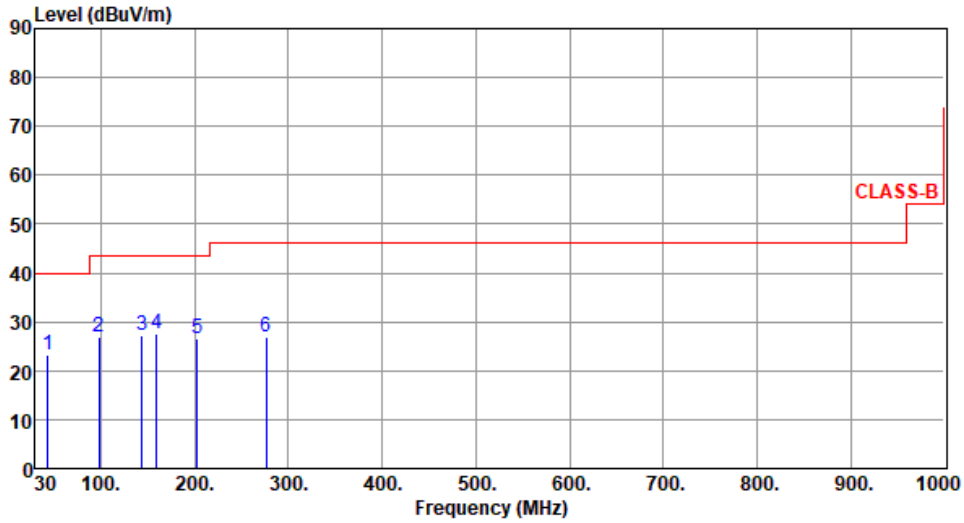


POE mode

3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5230
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):69

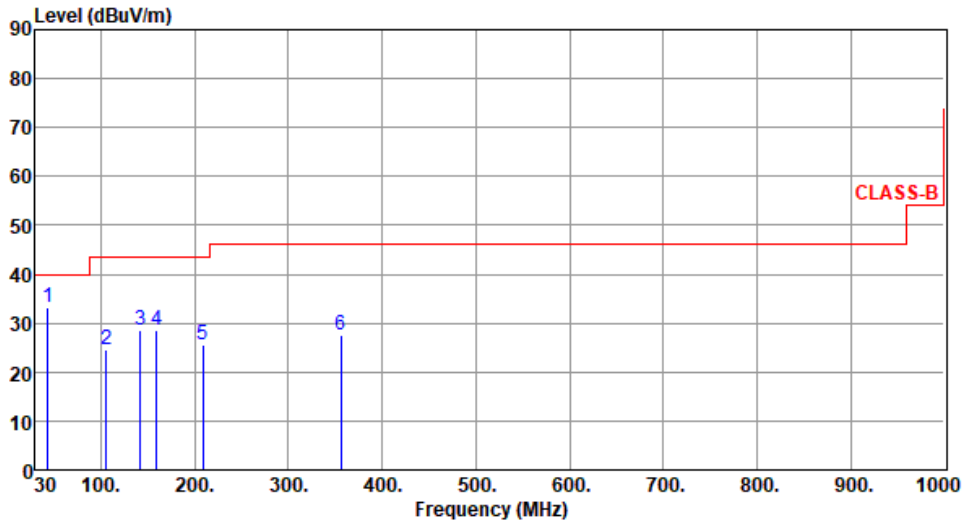


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	43.41	23.35	40.00	-16.65	32.32	-8.97	Peak	---	---
2	97.62	26.85	43.50	-16.65	40.80	-13.95	Peak	---	---
3	143.56	27.33	43.50	-16.17	36.12	-8.79	Peak	---	---
4	159.27	27.48	43.50	-16.02	35.87	-8.39	Peak	---	---
5	202.57	26.63	43.50	-16.87	38.38	-11.75	Peak	---	---
6	276.41	26.75	46.00	-19.25	35.49	-8.74	Peak	---	---

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

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5230
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):69

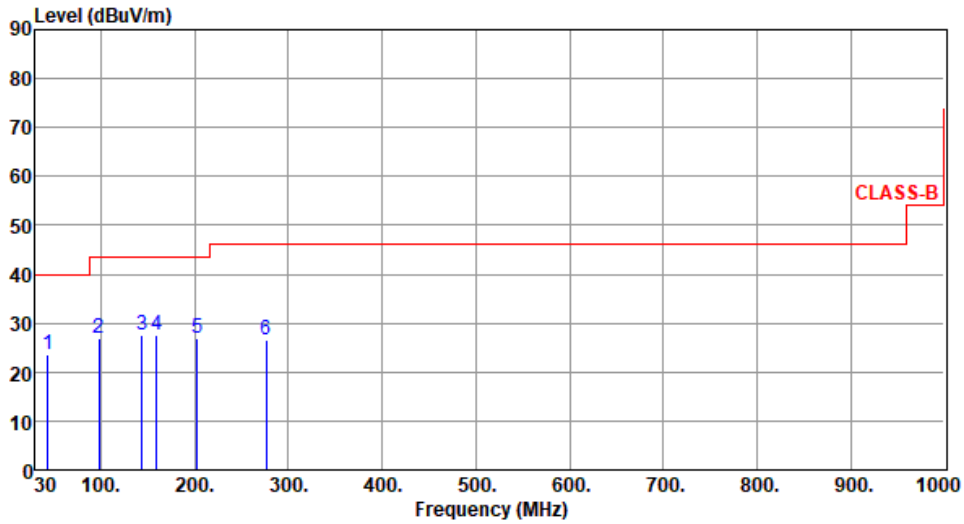


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	43.41	33.31	40.00	-6.69	42.28	-8.97	QP	100	332
2	105.45	24.63	43.50	-18.87	37.10	-12.47	Peak	---	---
3	142.38	28.67	43.50	-14.83	37.59	-8.92	Peak	---	---
4	159.28	28.56	43.50	-14.94	36.95	-8.39	Peak	---	---
5	208.45	25.66	43.50	-17.84	37.35	-11.69	Peak	---	---
6	355.68	27.58	46.00	-18.42	34.35	-6.77	Peak	---	---

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

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5795
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):69

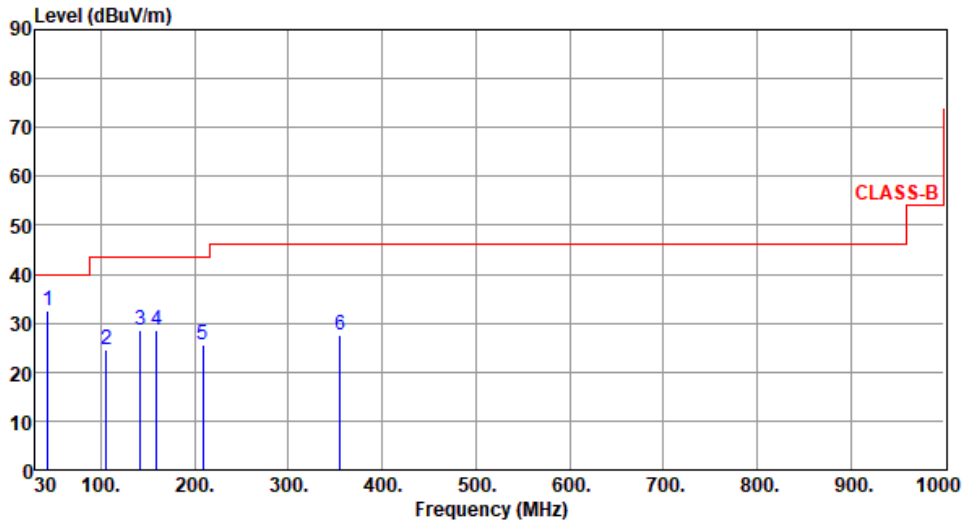


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	43.61	23.56	40.00	-16.44	32.55	-8.99	Peak	---	---
2	97.66	26.85	43.50	-16.65	40.80	-13.95	Peak	---	---
3	143.56	27.68	43.50	-15.82	36.47	-8.79	Peak	---	---
4	159.25	27.62	43.50	-15.88	36.01	-8.39	Peak	---	---
5	202.45	26.78	43.50	-16.72	38.53	-11.75	Peak	---	---
6	276.51	26.56	46.00	-19.44	35.30	-8.74	Peak	---	---

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

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5795
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):69



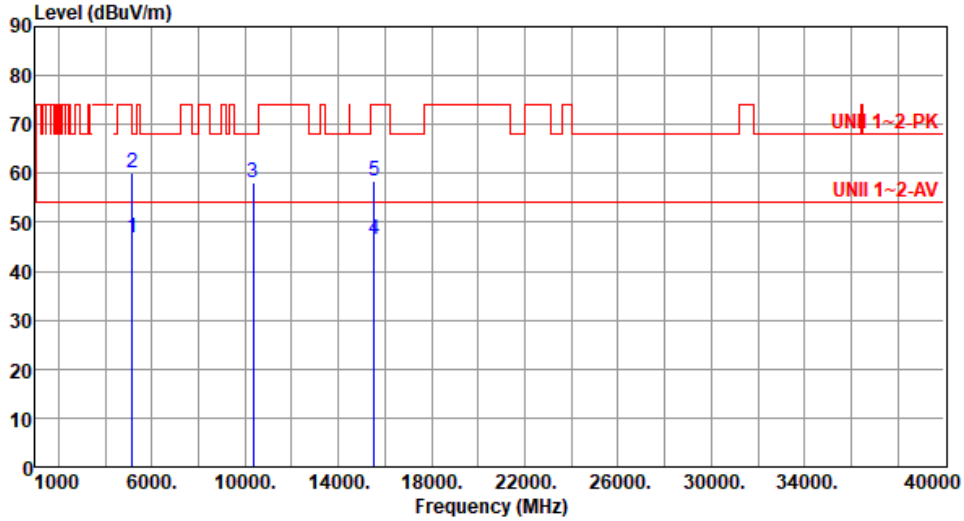
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	43.41	32.67	40.00	-7.33	41.64	-8.97	QP	100	331
2	105.51	24.46	43.50	-19.04	36.93	-12.47	Peak	---	---
3	142.45	28.61	43.50	-14.89	37.52	-8.91	Peak	---	---
4	159.35	28.55	43.50	-14.95	36.94	-8.39	Peak	---	---
5	208.41	25.45	43.50	-18.05	37.14	-11.69	Peak	---	---
6	355.48	27.56	46.00	-18.44	34.33	-6.77	Peak	---	---

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

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

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

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

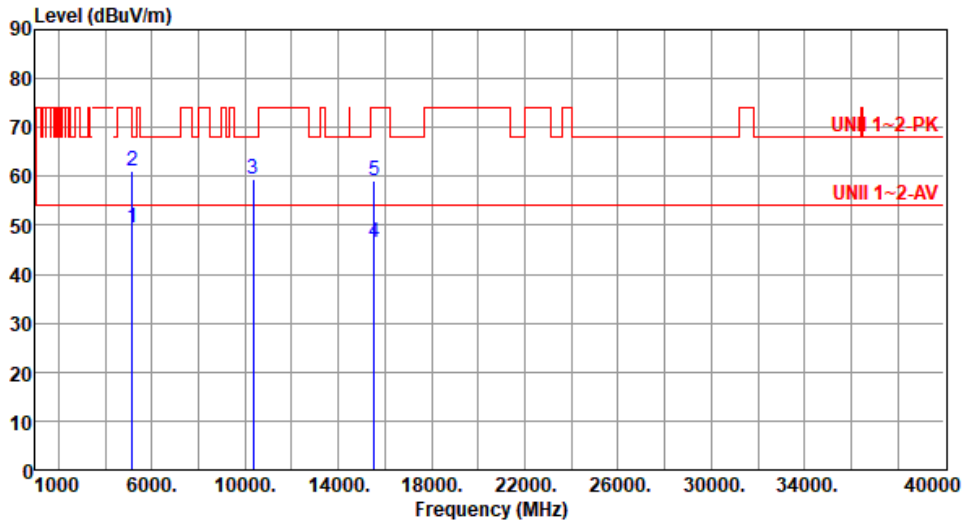


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.87	54.00	-7.13	40.56	6.31	Average	285	99
2	5150.00	59.98	74.00	-14.02	53.67	6.31	Peak	285	99
3	10360.00	57.98	68.20	-10.22	43.53	14.45	Peak	245	103
4	15540.00	46.55	54.00	-7.45	30.15	16.40	Average	100	60
5	15540.00	58.53	74.00	-15.47	42.13	16.40	Peak	100	60

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)	5180
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

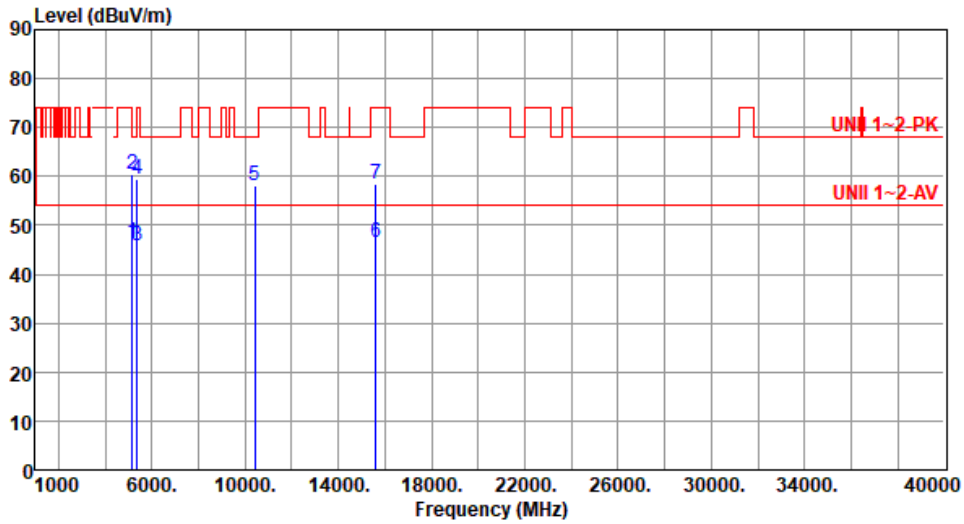


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.59	54.00	-4.41	43.28	6.31	Average	286	135
2	5150.00	61.26	74.00	-12.74	54.95	6.31	Peak	286	135
3	10360.00	59.47	68.20	-8.73	45.02	14.45	Peak	225	36
4	15540.00	46.65	54.00	-7.35	30.25	16.40	Average	246	40
5	15540.00	58.96	74.00	-15.04	42.56	16.40	Peak	246	40

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)	5200
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

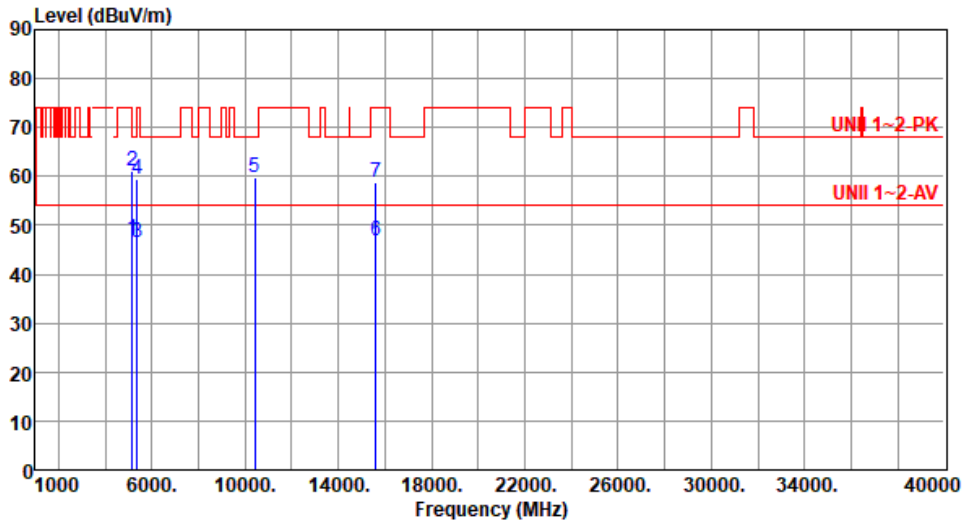


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.56	54.00	-7.44	40.25	6.31	Average	285	97
2	5150.00	60.47	74.00	-13.53	54.16	6.31	Peak	285	97
3	5350.00	45.97	54.00	-8.03	40.25	5.72	Average	285	97
4	5350.00	59.41	74.00	-14.59	53.69	5.72	Peak	285	97
5	10400.00	58.26	68.20	-9.94	43.78	14.48	Peak	250	101
6	15600.00	46.49	54.00	-7.51	30.55	15.94	Average	250	101
7	15600.00	58.54	74.00	-15.46	42.60	15.94	Peak	250	101

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)	5200
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

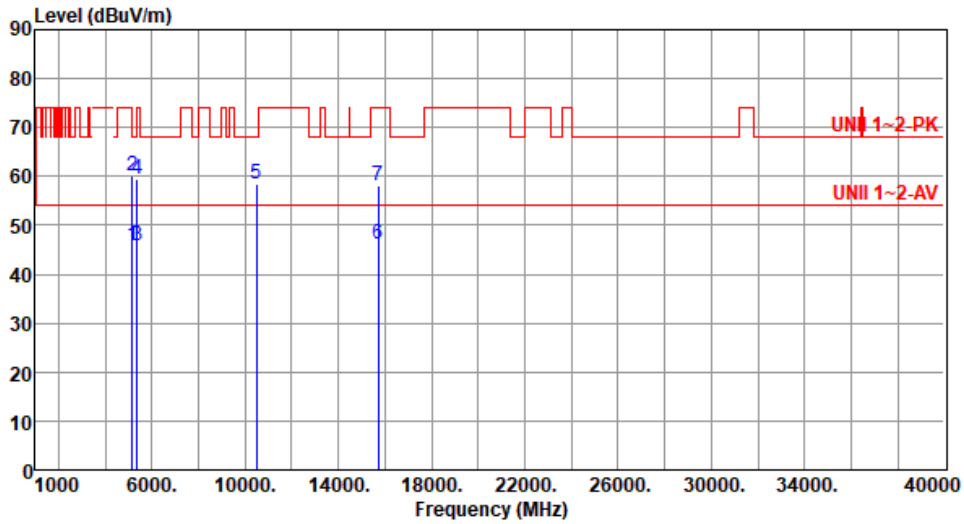


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.20	54.00	-6.80	40.89	6.31	Average	275	182
2	5150.00	61.16	74.00	-12.84	54.85	6.31	Peak	275	182
3	5350.00	46.37	54.00	-7.63	40.65	5.72	Average	275	182
4	5350.00	59.48	74.00	-14.52	53.76	5.72	Peak	275	182
5	10400.00	59.66	68.20	-8.54	45.18	14.48	Peak	229	35
6	15600.00	46.69	54.00	-7.31	30.75	15.94	Average	250	50
7	15600.00	58.71	74.00	-15.29	42.77	15.94	Peak	250	50

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)	5240
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

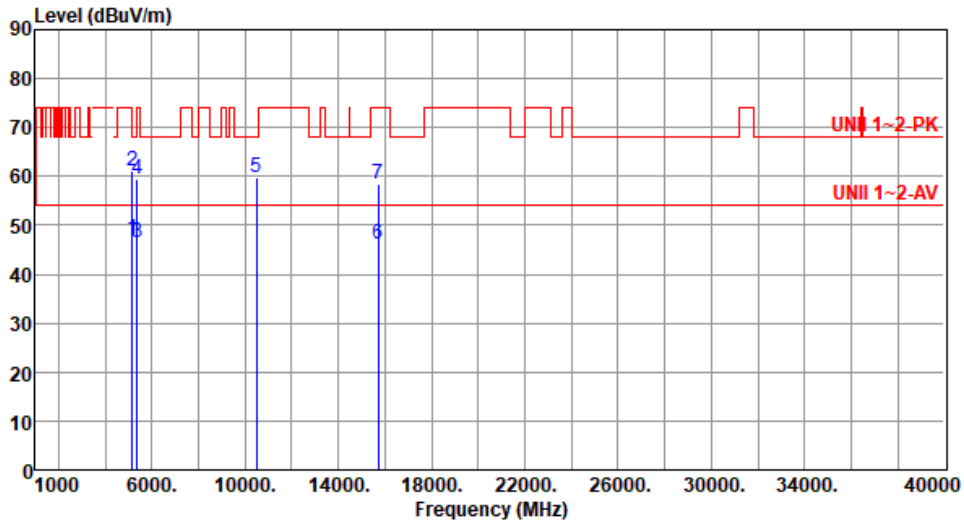


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.99	54.00	-8.01	39.68	6.31	Average	284	93
2	5150.00	59.98	74.00	-14.02	53.67	6.31	Peak	284	93
3	5350.00	45.87	54.00	-8.13	40.15	5.72	Average	284	93
4	5350.00	59.36	74.00	-14.64	53.64	5.72	Peak	284	93
5	10480.00	58.30	68.20	-9.90	43.67	14.63	Peak	245	103
6	15720.00	46.20	54.00	-7.80	30.25	15.95	Average	100	60
7	15720.00	58.10	74.00	-15.90	42.15	15.95	Peak	100	60

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)	5240
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

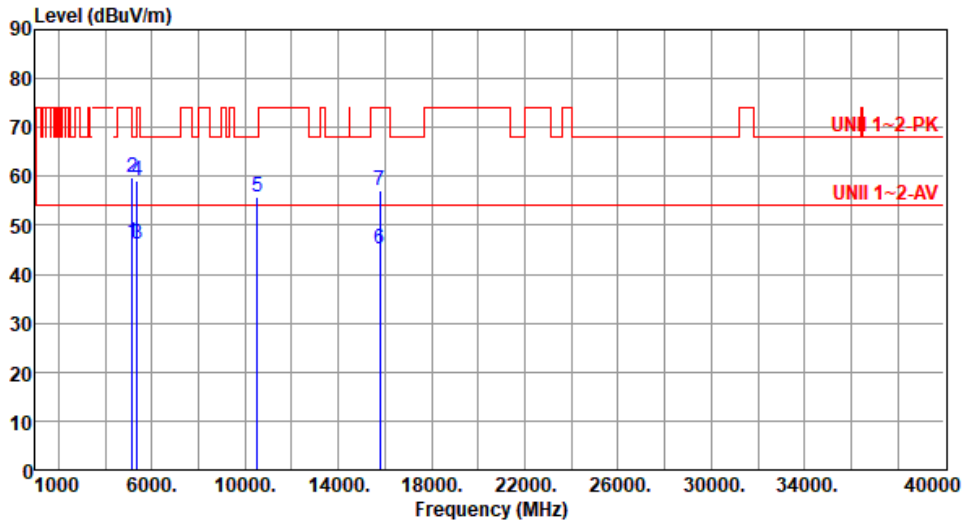


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.03	54.00	-6.97	40.72	6.31	Average	277	185
2	5150.00	61.01	74.00	-12.99	54.70	6.31	Peak	277	185
3	5350.00	46.40	54.00	-7.60	40.68	5.72	Average	277	185
4	5350.00	59.58	74.00	-14.42	53.86	5.72	Peak	277	185
5	10480.00	59.75	68.20	-8.45	45.12	14.63	Peak	233	27
6	15720.00	46.32	54.00	-7.68	30.37	15.95	Average	255	56
7	15720.00	58.36	74.00	-15.64	42.41	15.95	Peak	255	56

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)	5260
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

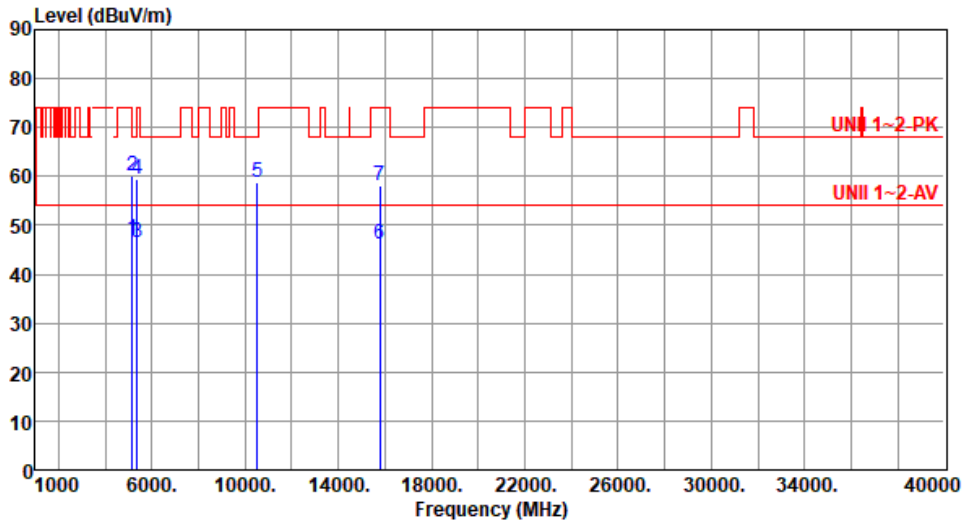


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.56	54.00	-7.44	40.25	6.31	Average	283	94
2	5150.00	59.77	74.00	-14.23	53.46	6.31	Peak	283	94
3	5350.00	46.05	54.00	-7.95	40.33	5.72	Average	283	94
4	5350.00	59.16	74.00	-14.84	53.44	5.72	Peak	283	94
5	10520.00	55.93	68.20	-12.27	41.26	14.67	Peak	100	106
6	15780.00	45.11	54.00	-8.89	29.25	15.86	Average	100	40
7	15780.00	57.12	74.00	-16.88	41.26	15.86	Peak	100	40

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)	5260
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

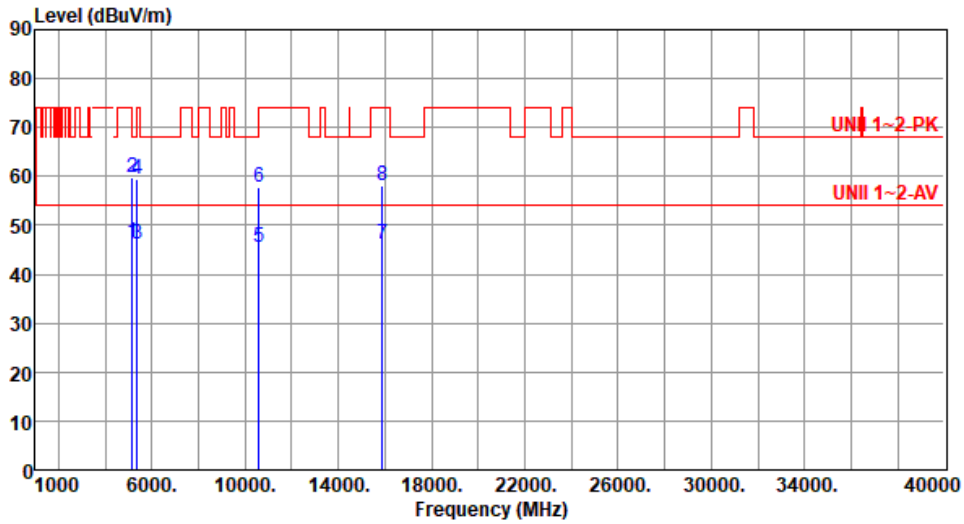


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.06	54.00	-6.94	40.75	6.31	Average	254	223
2	5150.00	60.00	74.00	-14.00	53.69	6.31	Peak	254	223
3	5350.00	46.47	54.00	-7.53	40.75	5.72	Average	254	223
4	5350.00	59.44	74.00	-14.56	53.72	5.72	Peak	254	223
5	10520.00	58.67	68.20	-9.53	44.00	14.67	Peak	254	223
6	15780.00	46.13	54.00	-7.87	30.27	15.86	Average	100	205
7	15780.00	58.27	74.00	-15.73	42.41	15.86	Peak	100	205

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)	5300
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

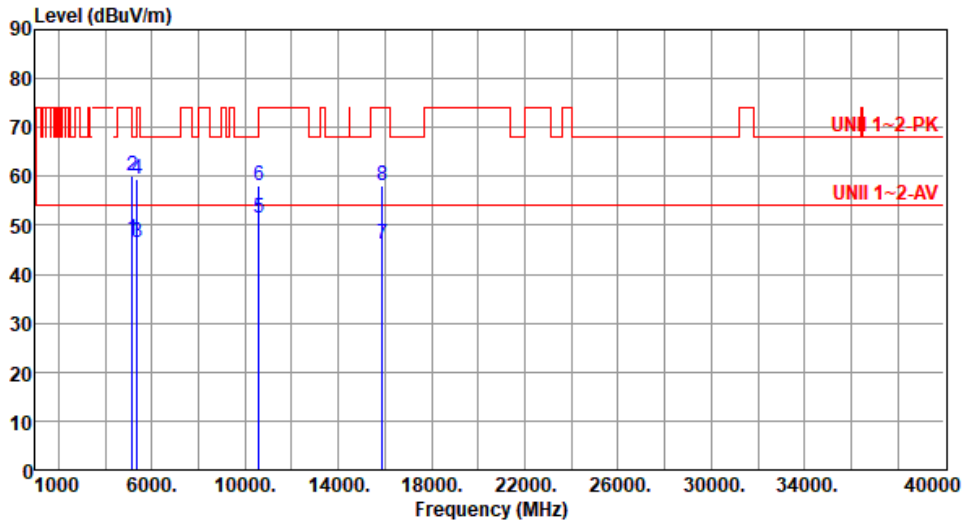


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.46	54.00	-7.54	40.15	6.31	Average	269	95
2	5150.00	59.87	74.00	-14.13	53.56	6.31	Peak	269	95
3	5350.00	46.30	54.00	-7.70	40.58	5.72	Average	269	95
4	5350.00	59.49	74.00	-14.51	53.77	5.72	Peak	269	95
5	10600.00	45.39	54.00	-8.61	30.67	14.72	Average	225	105
6	10600.00	57.80	74.00	-16.20	43.08	14.72	Peak	225	105
7	15900.00	46.01	54.00	-7.99	30.44	15.57	Average	100	100
8	15900.00	58.22	74.00	-15.78	42.65	15.57	Peak	100	100

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)	5300
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

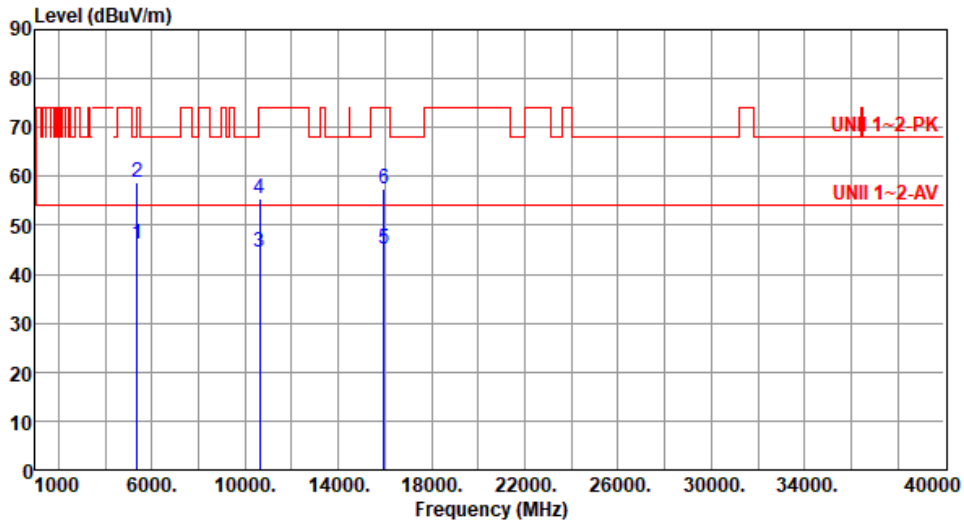


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.07	54.00	-6.93	40.76	6.31	Average	261	218
2	5150.00	60.06	74.00	-13.94	53.75	6.31	Peak	261	218
3	5350.00	46.53	54.00	-7.47	40.81	5.72	Average	261	218
4	5350.00	59.57	74.00	-14.43	53.85	5.72	Peak	261	218
5	10600.00	51.39	54.00	-2.61	36.67	14.72	Average	226	211
6	10600.00	58.23	74.00	-15.77	43.51	14.72	Peak	226	211
7	15900.00	46.24	54.00	-7.76	30.67	15.57	Average	100	200
8	15900.00	58.12	74.00	-15.88	42.55	15.57	Peak	100	200

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)	5320
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

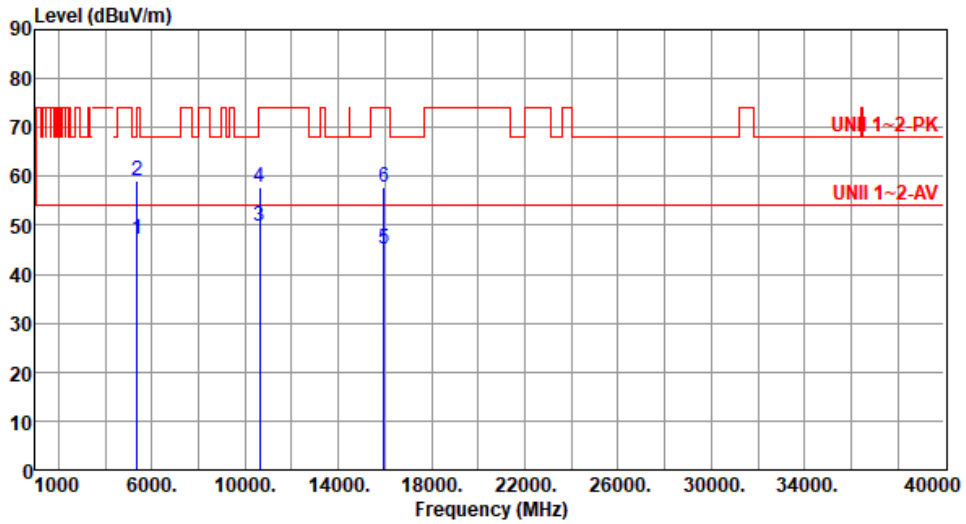


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	46.21	54.00	-7.79	40.49	5.72	Average	268	94
2	5350.00	58.87	74.00	-15.13	53.15	5.72	Peak	268	94
3	10640.00	44.44	54.00	-9.56	29.58	14.86	Average	100	70
4	10640.00	55.45	74.00	-18.55	40.59	14.86	Peak	100	70
5	15960.00	45.07	54.00	-8.93	29.42	15.65	Average	100	30
6	15960.00	57.35	74.00	-16.65	41.70	15.65	Peak	100	30

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)	5320
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

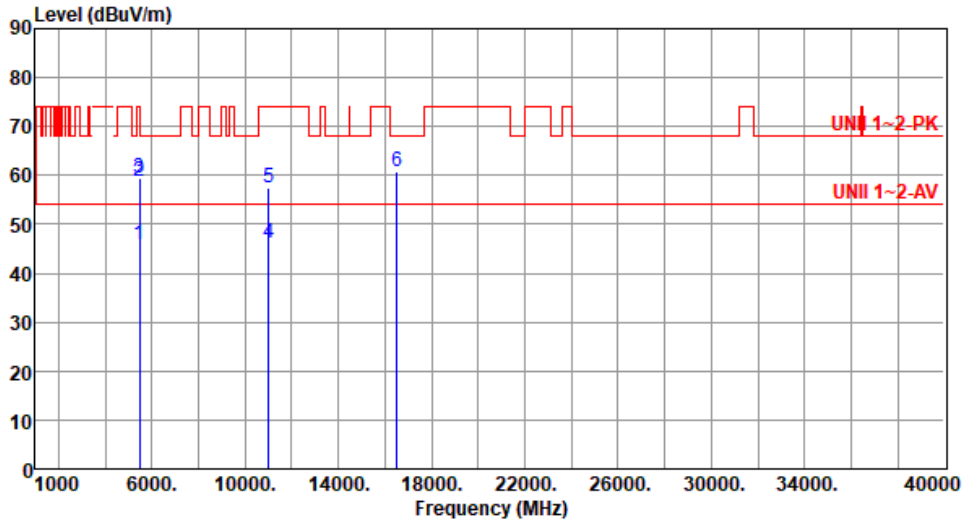


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	47.27	54.00	-6.73	41.55	5.72	Average	256	227
2	5350.00	59.20	74.00	-14.80	53.48	5.72	Peak	256	227
3	10640.00	49.87	54.00	-4.13	35.01	14.86	Average	246	209
4	10640.00	57.81	74.00	-16.19	42.95	14.86	Peak	246	209
5	15960.00	45.23	54.00	-8.77	29.58	15.65	Average	100	190
6	15960.00	57.91	74.00	-16.09	42.26	15.65	Peak	100	190

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)	5500
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

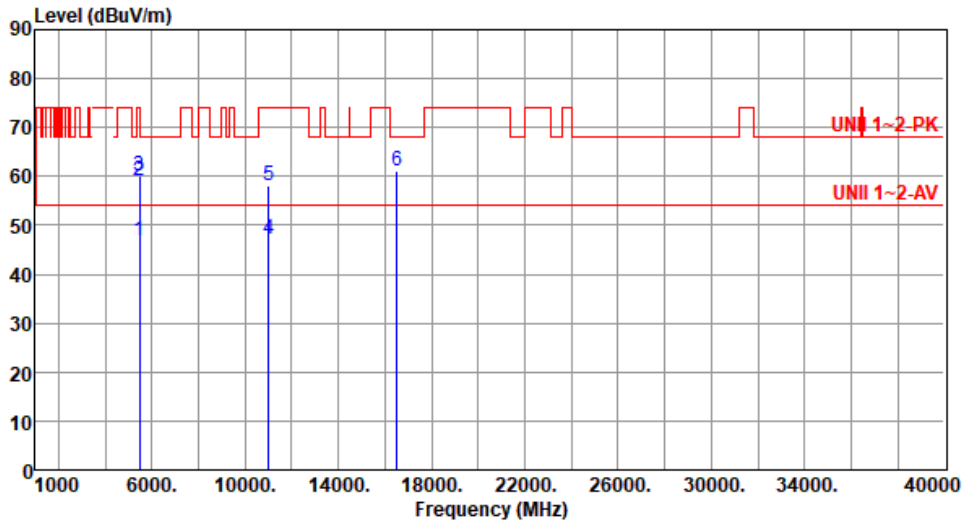


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	45.87	54.00	-8.13	39.57	6.30	Average	300	260
2	5460.00	58.78	74.00	-15.22	52.48	6.30	Peak	300	260
3	5470.00	59.58	68.20	-8.62	53.26	6.32	Peak	300	260
4	11000.00	46.14	54.00	-7.86	30.49	15.65	Average	100	108
5	11000.00	57.33	74.00	-16.67	41.68	15.65	Peak	100	108
6	16500.00	60.62	68.20	-7.58	43.16	17.46	Peak	100	60

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)	5500
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

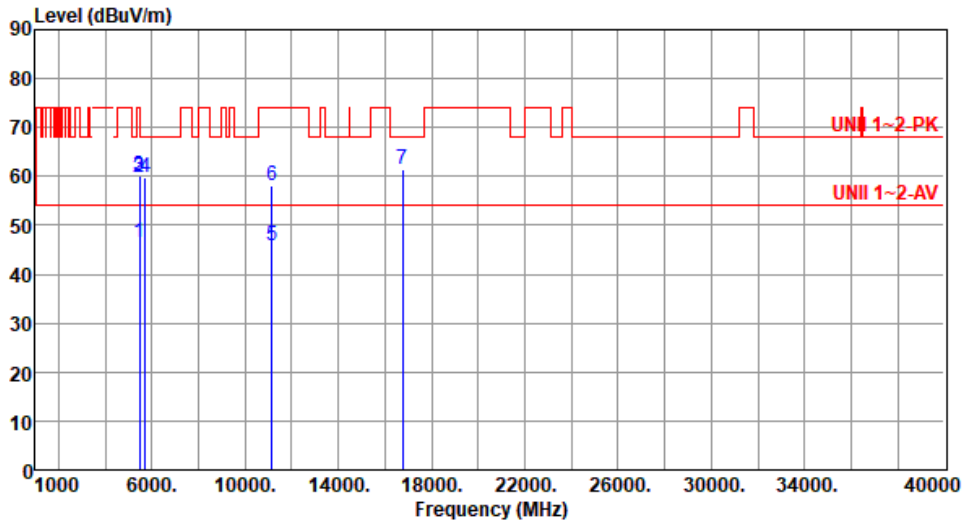


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.93	54.00	-7.07	40.63	6.30	Average	316	158
2	5460.00	59.02	74.00	-14.98	52.72	6.30	Peak	316	158
3	5470.00	60.06	68.20	-8.14	53.74	6.32	Peak	316	158
4	11000.00	47.27	54.00	-6.73	31.62	15.65	Average	235	202
5	11000.00	58.11	74.00	-15.89	42.46	15.65	Peak	235	202
6	16500.00	61.04	68.20	-7.16	43.58	17.46	Peak	100	205

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)	5580
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

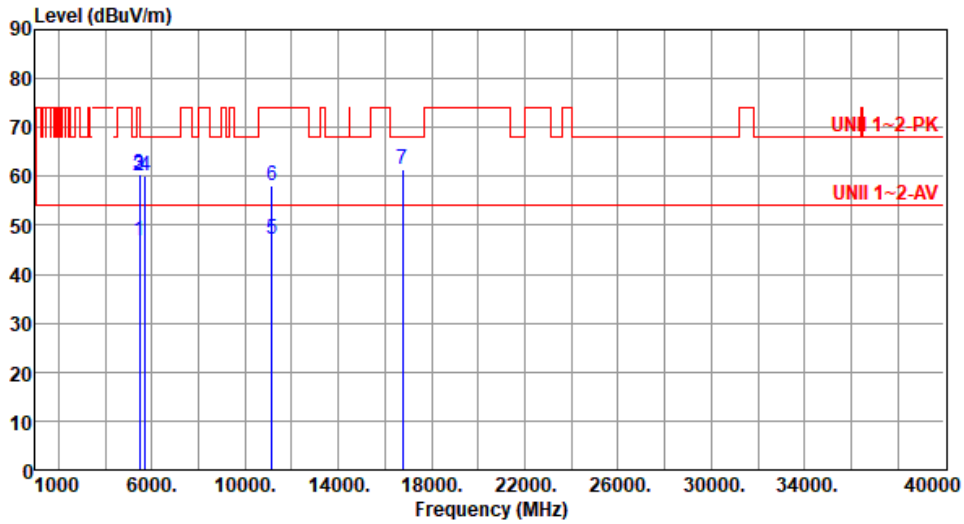


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.54	54.00	-7.46	40.24	6.30	Average	306	268
2	5460.00	59.85	74.00	-14.15	53.55	6.30	Peak	306	268
3	5470.00	60.01	68.20	-8.19	53.69	6.32	Peak	306	268
4	5725.00	59.81	68.20	-8.39	53.22	6.59	Peak	306	268
5	11160.00	45.81	54.00	-8.19	30.66	15.15	Average	100	104
6	11160.00	58.00	74.00	-16.00	42.85	15.15	Peak	100	104
7	16740.00	61.46	68.20	-6.74	43.76	17.70	Peak	100	104

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)	5580
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

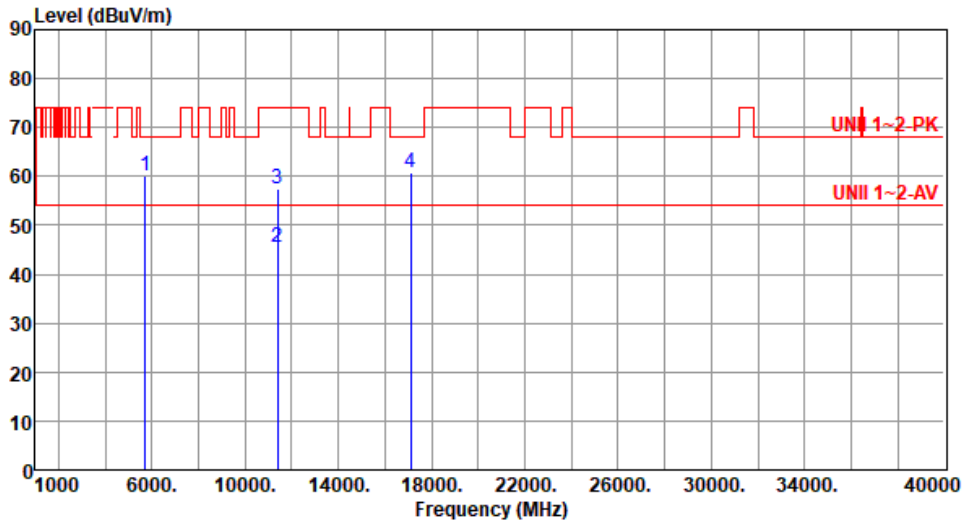


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.90	54.00	-7.10	40.60	6.30	Average	302	160
2	5460.00	60.09	74.00	-13.91	53.79	6.30	Peak	302	160
3	5470.00	60.30	68.20	-7.90	53.98	6.32	Peak	302	160
4	5725.00	59.99	68.20	-8.21	53.40	6.59	Peak	302	160
5	11160.00	47.10	54.00	-6.90	31.95	15.15	Average	232	207
6	11160.00	58.00	74.00	-16.00	42.85	15.15	Peak	232	207
7	16740.00	61.60	68.20	-6.60	43.90	17.70	Peak	100	202

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)	5700
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

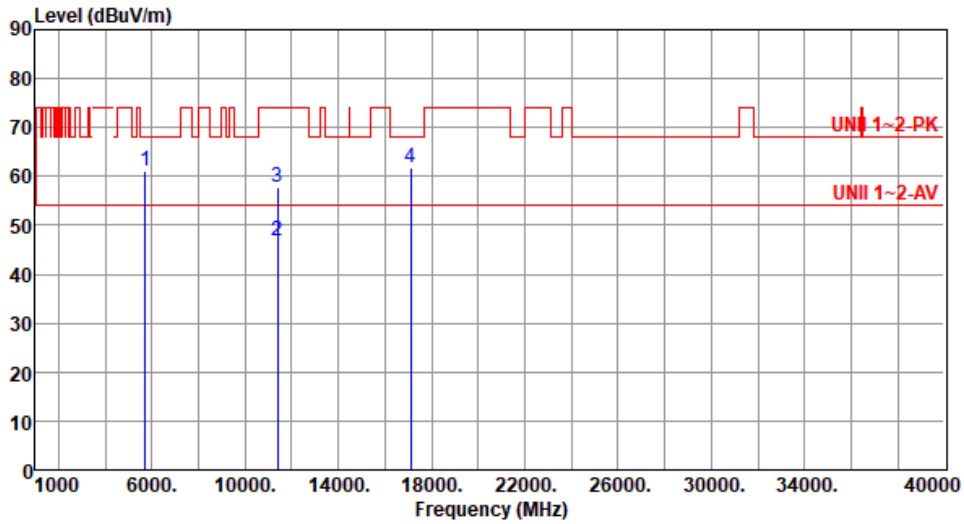


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	60.24	68.20	-7.96	53.65	6.59	Peak	306	269
2	11400.00	45.44	54.00	-8.56	30.29	15.15	Average	100	100
3	11400.00	57.30	74.00	-16.70	42.15	15.15	Peak	100	100
4	17100.00	60.73	68.20	-7.47	42.58	18.15	Peak	100	90

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)	5700
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

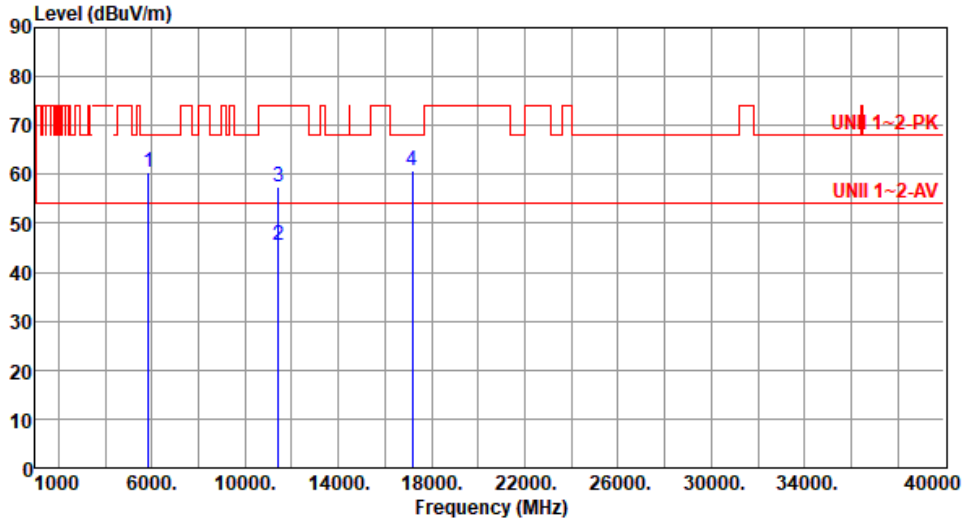


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	61.14	68.20	-7.06	54.55	6.59	Peak	335	215
2	11400.00	46.94	54.00	-7.06	31.79	15.15	Average	235	202
3	11400.00	57.64	74.00	-16.36	42.49	15.15	Peak	235	202
4	17100.00	61.71	68.20	-6.49	43.56	18.15	Peak	100	206

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	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

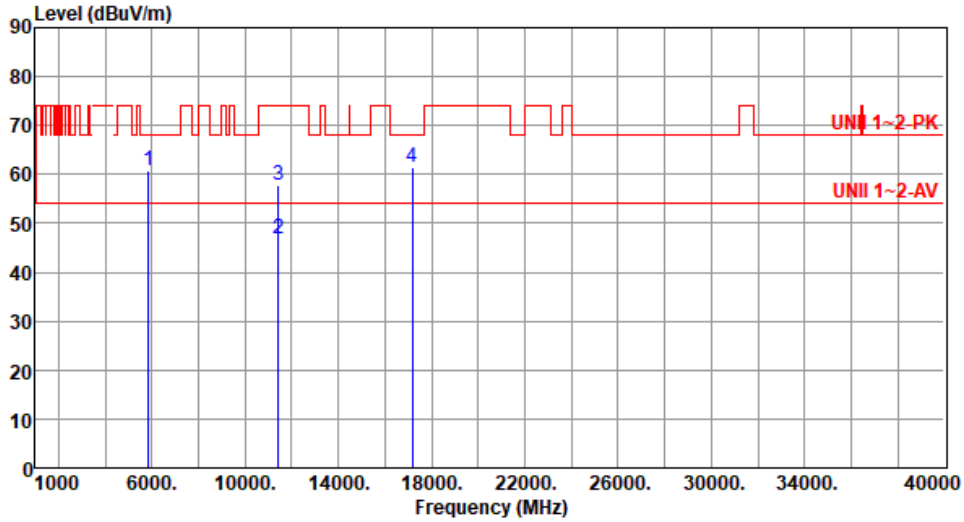


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5850.00	60.36	68.20	-7.84	53.59	6.77	Peak	302	268
2	11440.00	45.53	54.00	-8.47	30.28	15.25	Average	100	101
3	11440.00	57.31	74.00	-16.69	42.06	15.25	Peak	100	101
4	17160.00	60.83	68.20	-7.37	42.68	18.15	Peak	100	60

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(%):69

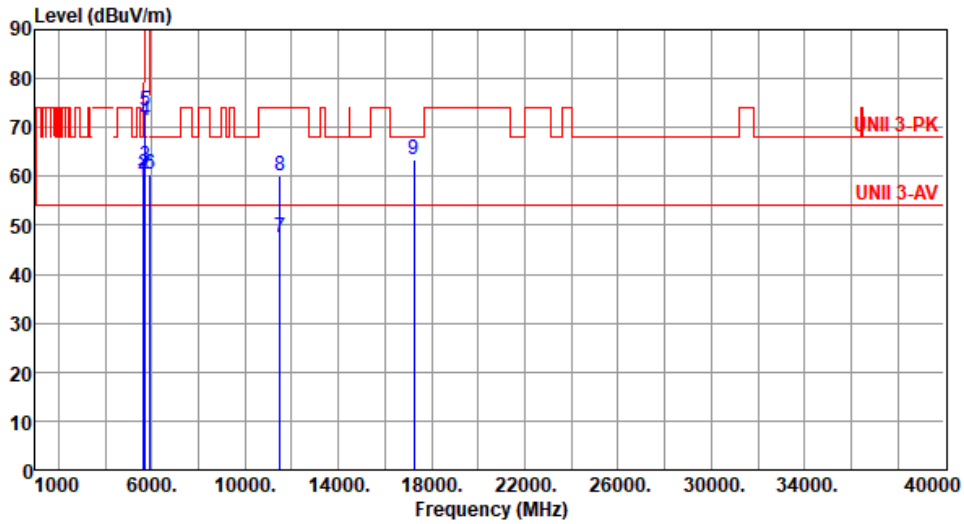


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5850.00	60.83	68.20	-7.37	54.06	6.77	Peak	339	220
2	11440.00	46.80	54.00	-7.20	31.55	15.25	Average	236	203
3	11440.00	57.64	74.00	-16.36	42.39	15.25	Peak	236	203
4	17160.00	61.57	68.20	-6.63	43.42	18.15	Peak	100	201

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)	5745
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

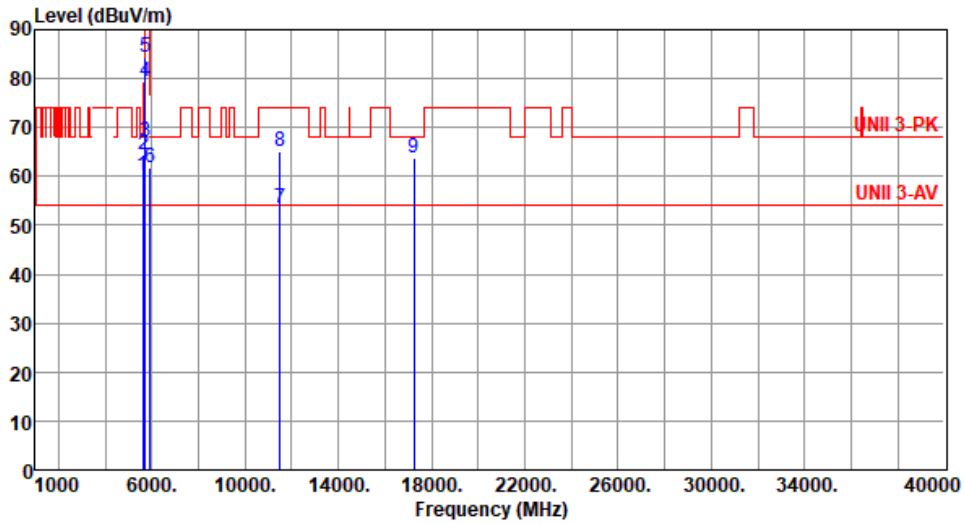


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5625.00	58.95	68.20	-9.25	52.59	6.36	Peak	226	316
2	5650.00	60.61	68.20	-7.59	54.29	6.32	Peak	226	316
3	5700.00	62.22	105.20	-42.98	55.69	6.53	Peak	226	316
4	5720.00	71.53	110.80	-39.27	64.95	6.58	Peak	226	316
5	5725.00	73.55	122.20	-48.65	66.96	6.59	Peak	226	316
6	5925.00	60.40	68.20	-7.80	53.37	7.03	Peak	226	316
7	11490.00	47.56	54.00	-6.44	32.18	15.38	Average	198	122
8	11490.00	59.94	74.00	-14.06	44.56	15.38	Peak	198	122
9	17235.00	63.47	68.20	-4.73	45.21	18.26	Peak	100	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	11a	Test Freq. (MHz)	5745
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

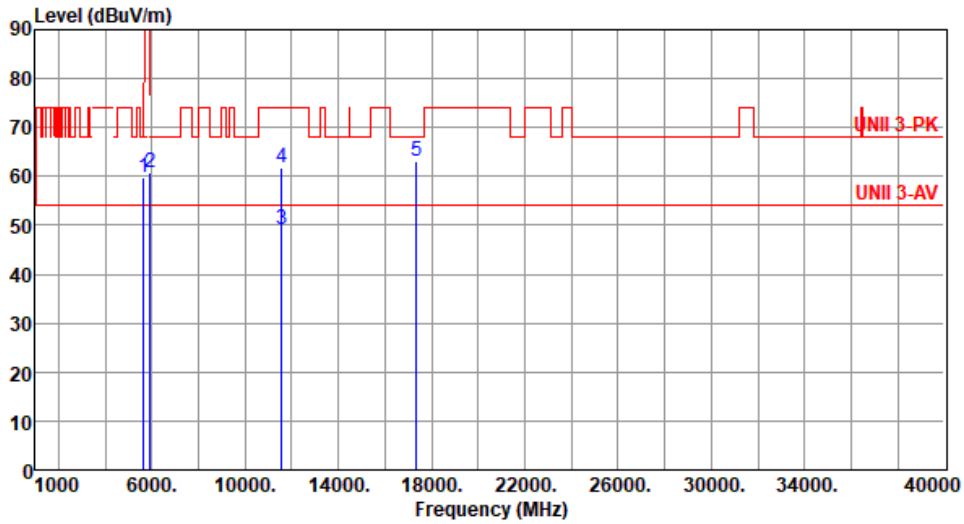


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5625.00	60.24	68.20	-7.96	53.88	6.36	Peak	235	48
2	5650.00	64.27	68.20	-3.93	57.95	6.32	Peak	300	150
3	5700.00	66.96	105.20	-38.24	60.43	6.53	Peak	300	150
4	5720.00	79.23	110.80	-31.57	72.65	6.58	Peak	300	150
5	5725.00	84.35	122.20	-37.85	77.76	6.59	Peak	300	150
6	5925.00	61.83	68.20	-6.37	54.80	7.03	Peak	300	150
7	11490.00	53.31	54.00	-0.69	37.93	15.38	Average	334	126
8	11490.00	64.96	74.00	-9.04	49.58	15.38	Peak	334	126
9	17235.00	63.81	68.20	-4.39	45.55	18.26	Peak	100	130

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)	5785
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

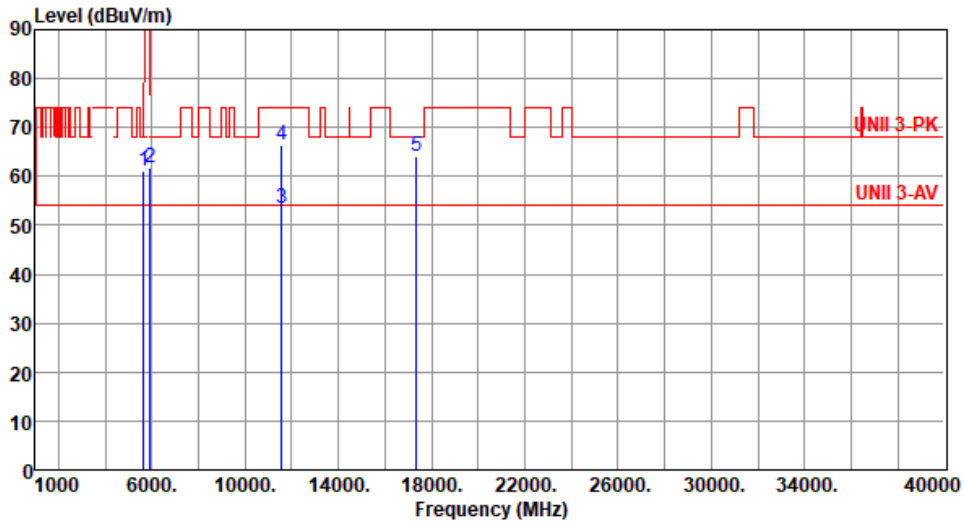


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	59.91	68.20	-8.29	53.59	6.32	Peak	254	314
2	5925.00	60.92	68.20	-7.28	53.89	7.03	Peak	254	314
3	11570.00	49.26	54.00	-4.74	33.88	15.38	Average	207	120
4	11570.00	61.67	74.00	-12.33	46.29	15.38	Peak	207	120
5	17355.00	63.21	68.20	-4.99	44.23	18.98	Peak	100	125

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)	5785
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

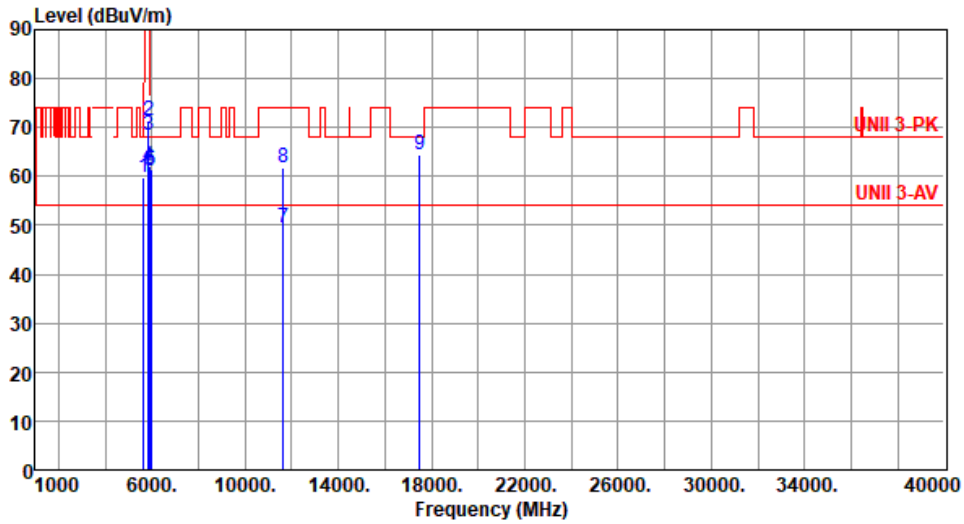


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	61.07	68.20	-7.13	54.75	6.32	Peak	272	219
2	5925.00	61.76	68.20	-6.44	54.73	7.03	Peak	272	219
3	11570.00	53.36	54.00	-0.64	37.98	15.38	Average	332	166
4	11570.00	66.31	74.00	-7.69	50.93	15.38	Peak	332	166
5	17355.00	64.13	68.20	-4.07	45.15	18.98	Peak	100	150

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)	5825
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

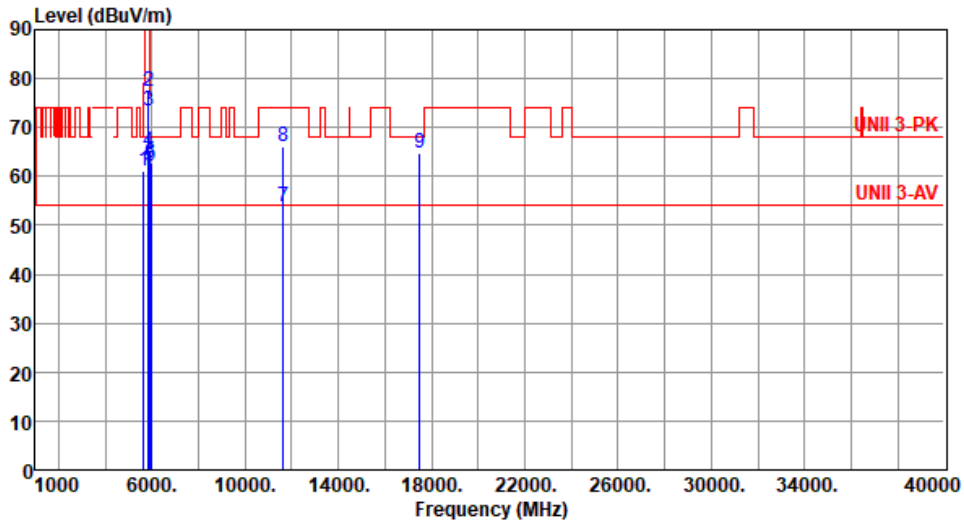


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	59.91	68.20	-8.29	53.59	6.32	Peak	228	313
2	5850.00	71.36	122.20	-50.84	64.59	6.77	Peak	228	313
3	5855.00	68.39	110.80	-42.41	61.59	6.80	Peak	228	313
4	5875.00	62.03	105.20	-43.17	55.15	6.88	Peak	228	313
5	5925.00	61.09	68.20	-7.11	54.06	7.03	Peak	228	313
6	5945.00	61.33	68.20	-6.87	54.26	7.07	Peak	228	313
7	11650.00	49.51	54.00	-4.49	34.34	15.17	Average	241	130
8	11650.00	61.78	74.00	-12.22	46.61	15.17	Peak	241	130
9	17475.00	64.41	68.20	-3.79	44.60	19.81	Peak	100	128

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)	5825
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68



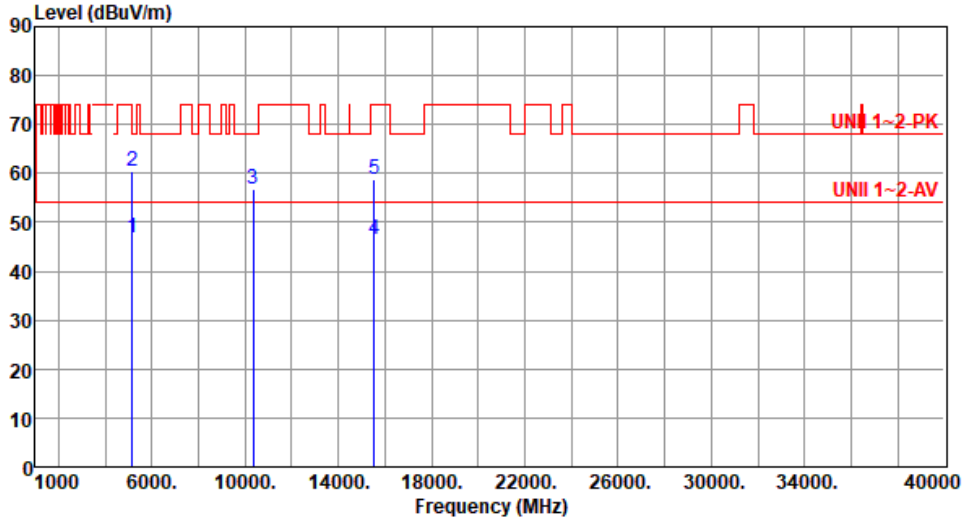
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	61.07	68.20	-7.13	54.75	6.32	Peak	302	145
2	5850.00	77.53	122.20	-44.67	70.76	6.77	Peak	302	145
3	5855.00	73.56	110.80	-37.24	66.76	6.80	Peak	302	145
4	5875.00	64.93	105.20	-40.27	58.05	6.88	Peak	302	145
5	5925.00	62.08	68.20	-6.12	55.05	7.03	Peak	302	145
6	5945.00	62.72	68.20	-5.48	55.65	7.07	Peak	239	47
7	11650.00	53.78	54.00	-0.22	38.61	15.17	Average	311	158
8	11650.00	66.19	74.00	-7.81	51.02	15.17	Peak	311	158
9	17475.00	64.90	68.20	-3.30	45.09	19.81	Peak	100	160

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).

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

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5180
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):68

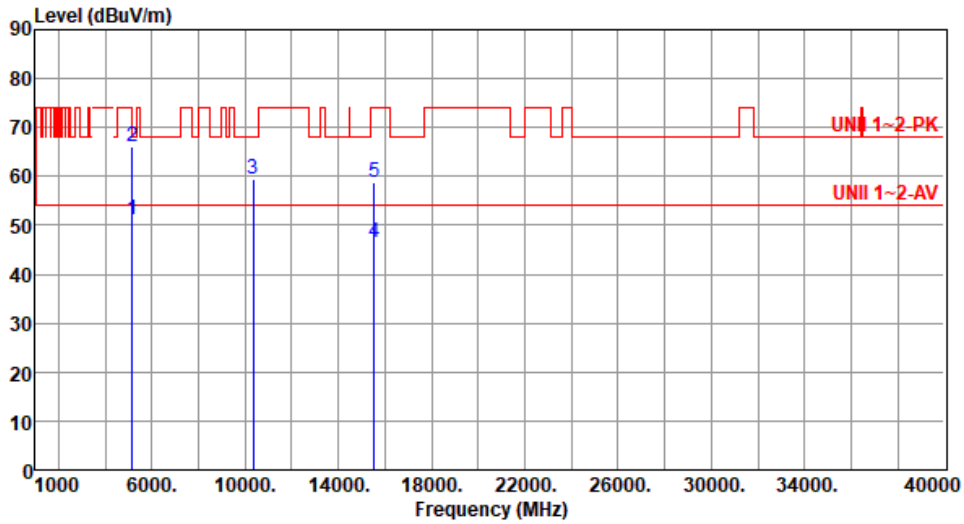


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.90	54.00	-7.10	40.59	6.31	Average	288	92
2	5150.00	60.57	74.00	-13.43	54.26	6.31	Peak	288	92
3	10360.00	56.90	68.20	-11.30	42.45	14.45	Peak	245	105
4	15540.00	46.42	54.00	-7.58	30.02	16.40	Average	100	40
5	15540.00	58.71	74.00	-15.29	42.31	16.40	Peak	100	40

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)	5180
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):68

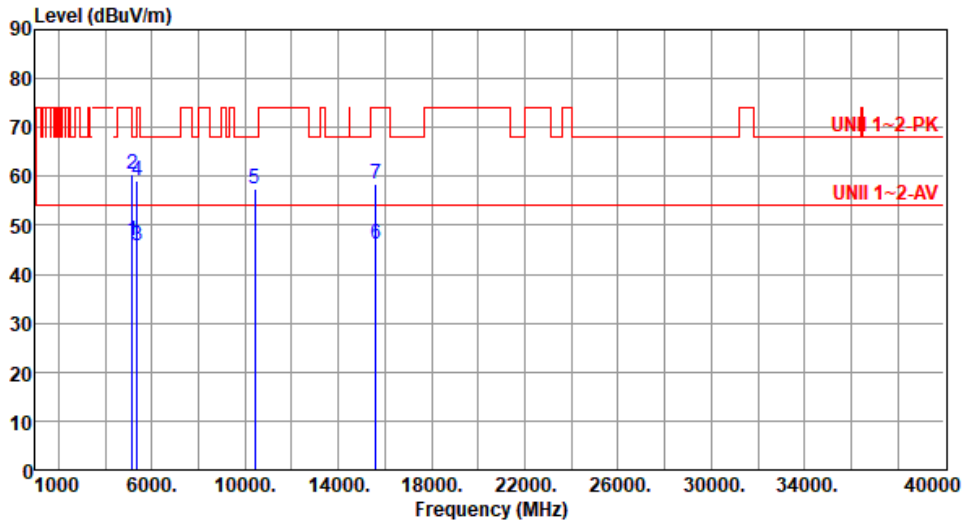


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.22	54.00	-2.78	44.91	6.31	Average	291	115
2	5150.00	65.94	74.00	-8.06	59.63	6.31	Peak	291	115
3	10360.00	59.31	68.20	-8.89	44.86	14.45	Peak	236	42
4	15540.00	46.65	54.00	-7.35	30.25	16.40	Average	100	50
5	15540.00	58.86	74.00	-15.14	42.46	16.40	Peak	100	50

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)	5200
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

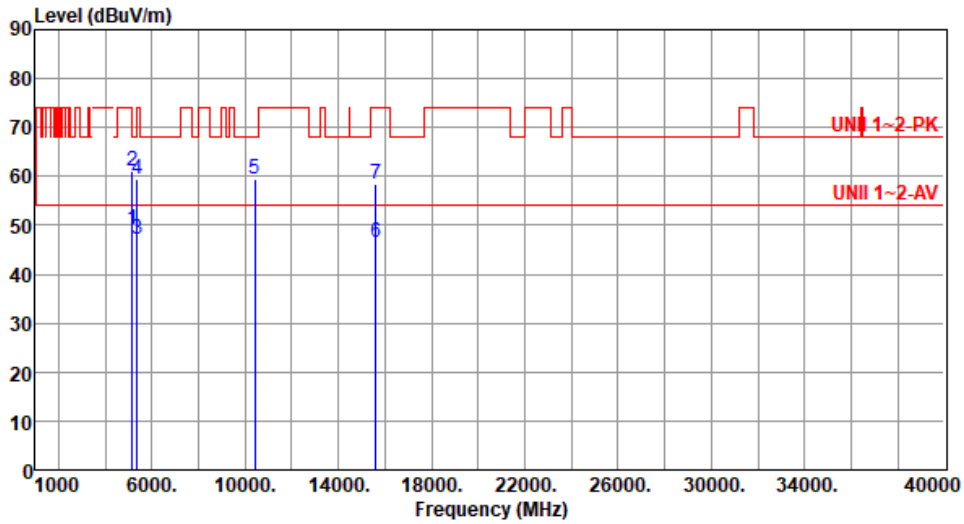


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.66	54.00	-7.34	40.35	6.31	Average	286	94
2	5150.00	60.43	74.00	-13.57	54.12	6.31	Peak	286	94
3	5350.00	45.98	54.00	-8.02	40.26	5.72	Average	286	94
4	5350.00	59.16	74.00	-14.84	53.44	5.72	Peak	286	94
5	10400.00	57.57	68.20	-10.63	43.09	14.48	Peak	242	103
6	15600.00	46.19	54.00	-7.81	30.25	15.94	Average	100	30
7	15600.00	58.40	74.00	-15.60	42.46	15.94	Peak	100	30

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)	5200
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

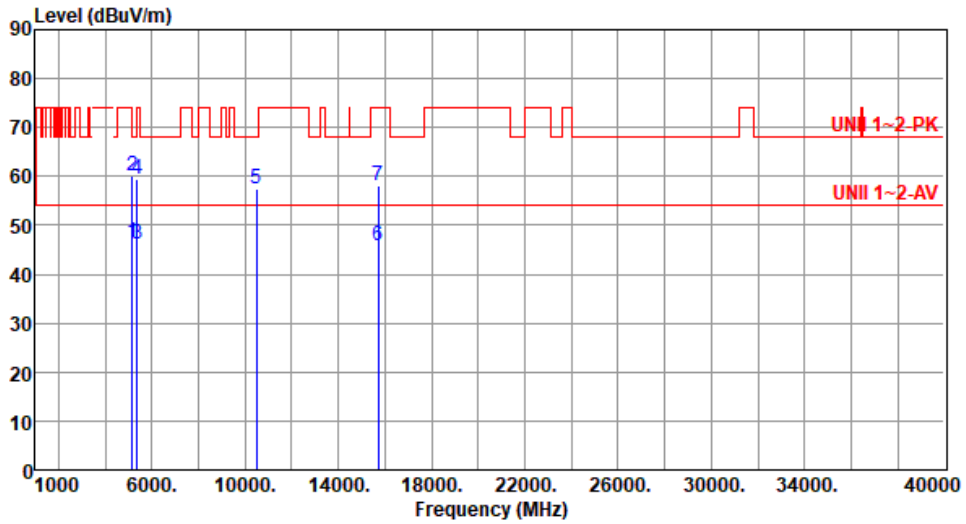


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.03	54.00	-4.97	42.72	6.31	Average	260	146
2	5150.00	61.00	74.00	-13.00	54.69	6.31	Peak	260	146
3	5350.00	47.16	54.00	-6.84	41.44	5.72	Average	260	146
4	5350.00	59.37	74.00	-14.63	53.65	5.72	Peak	260	146
5	10400.00	59.53	68.20	-8.67	45.05	14.48	Peak	238	39
6	15600.00	46.59	54.00	-7.41	30.65	15.94	Average	100	50
7	15600.00	58.59	74.00	-15.41	42.65	15.94	Peak	100	50

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)	5240
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

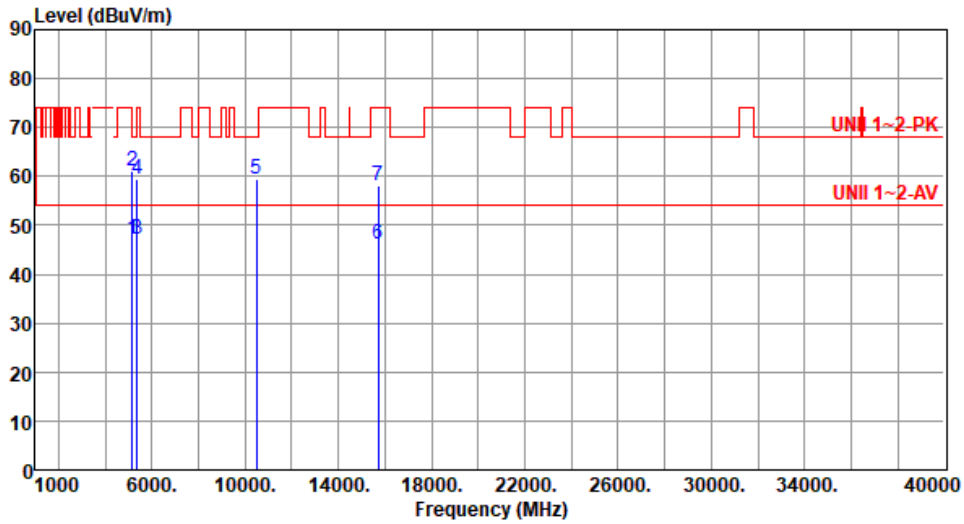


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.57	54.00	-7.43	40.26	6.31	Average	286	92
2	5150.00	60.07	74.00	-13.93	53.76	6.31	Peak	286	92
3	5350.00	46.08	54.00	-7.92	40.36	5.72	Average	286	92
4	5350.00	59.39	74.00	-14.61	53.67	5.72	Peak	286	92
5	10480.00	57.30	68.20	-10.90	42.67	14.63	Peak	245	103
6	15720.00	45.97	54.00	-8.03	30.02	15.95	Average	100	40
7	15720.00	58.11	74.00	-15.89	42.16	15.95	Peak	100	40

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)	5240
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

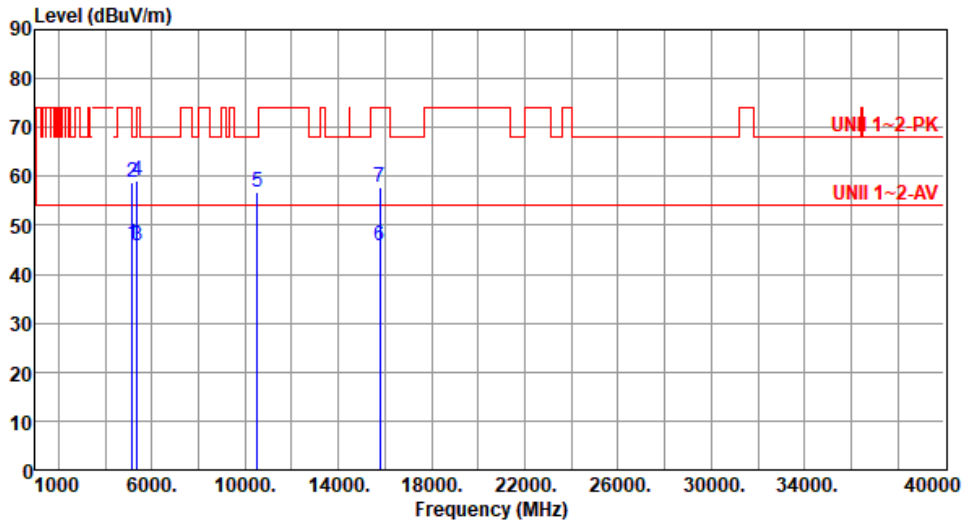


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.27	54.00	-6.73	40.96	6.31	Average	266	152
2	5150.00	61.16	74.00	-12.84	54.85	6.31	Peak	266	152
3	5350.00	47.19	54.00	-6.81	41.47	5.72	Average	266	152
4	5350.00	59.47	74.00	-14.53	53.75	5.72	Peak	266	152
5	10480.00	59.45	68.20	-8.75	44.82	14.63	Peak	241	41
6	15720.00	46.22	54.00	-7.78	30.27	15.95	Average	100	53
7	15720.00	58.22	74.00	-15.78	42.27	15.95	Peak	100	53

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)	5260
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

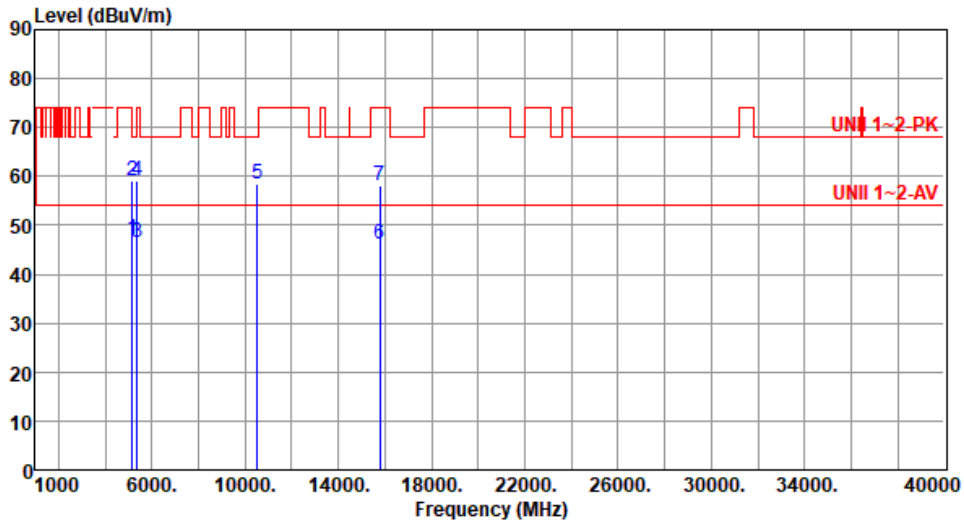


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.20	54.00	-7.80	39.89	6.31	Average	268	95
2	5150.00	58.80	74.00	-15.20	52.49	6.31	Peak	268	95
3	5350.00	45.88	54.00	-8.12	40.16	5.72	Average	268	95
4	5350.00	59.14	74.00	-14.86	53.42	5.72	Peak	268	95
5	10520.00	56.82	68.20	-11.38	42.15	14.67	Peak	226	103
6	15780.00	45.89	54.00	-8.11	30.03	15.86	Average	100	40
7	15780.00	57.89	74.00	-16.11	42.03	15.86	Peak	100	40

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)	5260
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

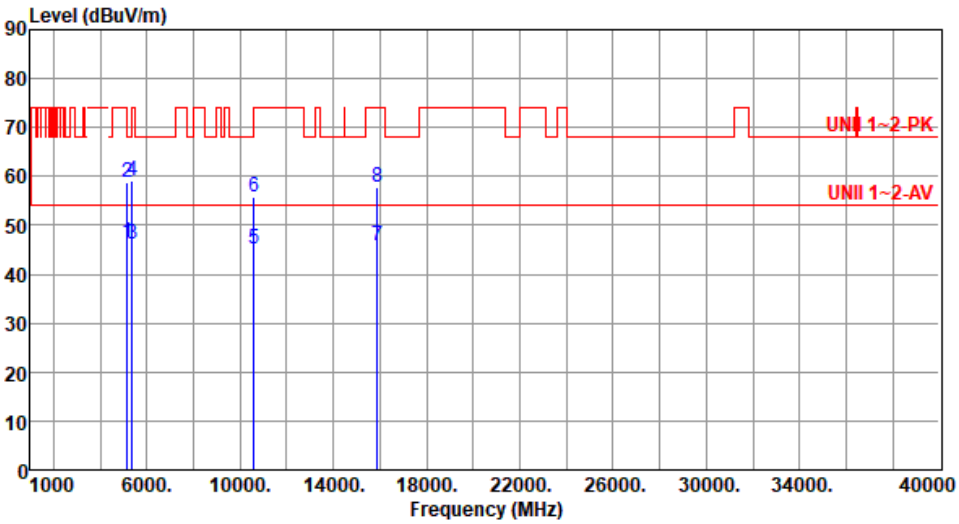


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.01	54.00	-6.99	40.70	6.31	Average	308	178
2	5150.00	59.26	74.00	-14.74	52.95	6.31	Peak	308	178
3	5350.00	46.41	54.00	-7.59	40.69	5.72	Average	308	178
4	5350.00	59.25	74.00	-14.75	53.53	5.72	Peak	308	178
5	10520.00	58.34	68.20	-9.86	43.67	14.67	Peak	231	210
6	15780.00	46.13	54.00	-7.87	30.27	15.86	Average	100	205
7	15780.00	58.13	74.00	-15.87	42.27	15.86	Peak	100	205

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)	5300
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

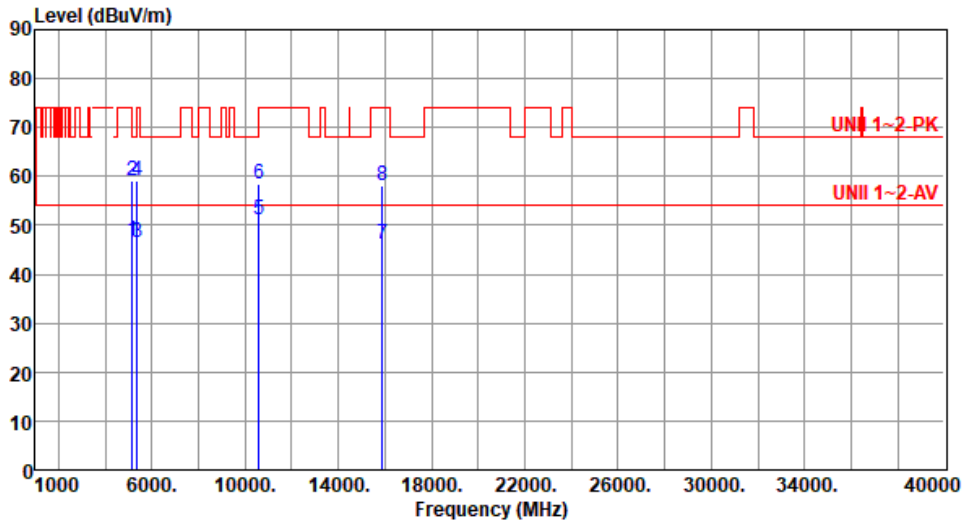


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.56	54.00	-7.44	40.25	6.31	Average	269	95
2	5150.00	58.80	74.00	-15.20	52.49	6.31	Peak	269	95
3	5350.00	46.03	54.00	-7.97	40.31	5.72	Average	269	95
4	5350.00	59.01	74.00	-14.99	53.29	5.72	Peak	269	95
5	10600.00	45.31	54.00	-8.69	30.59	14.72	Average	222	103
6	10600.00	55.84	74.00	-18.16	41.12	14.72	Peak	222	103
7	15900.00	45.72	54.00	-8.28	30.15	15.57	Average	100	50
8	15900.00	57.70	74.00	-16.30	42.13	15.57	Peak	100	50

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)	5300
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

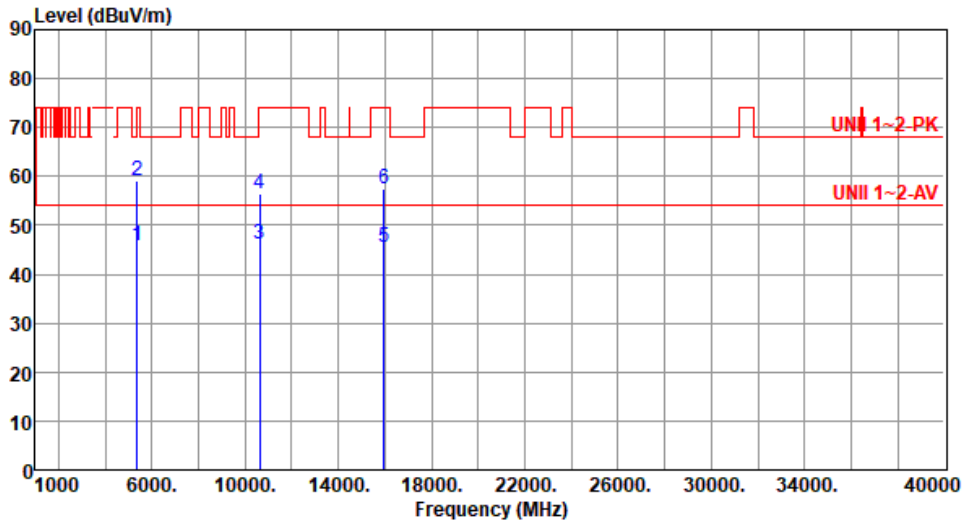


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.95	54.00	-7.05	40.64	6.31	Average	315	177
2	5150.00	59.06	74.00	-14.94	52.75	6.31	Peak	315	177
3	5350.00	46.50	54.00	-7.50	40.78	5.72	Average	315	177
4	5350.00	59.20	74.00	-14.80	53.48	5.72	Peak	315	177
5	10600.00	51.12	54.00	-2.88	36.40	14.72	Average	228	209
6	10600.00	58.31	74.00	-15.69	43.59	14.72	Peak	228	209
7	15900.00	46.14	54.00	-7.86	30.57	15.57	Average	100	210
8	15900.00	58.09	74.00	-15.91	42.52	15.57	Peak	100	210

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)	5320
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

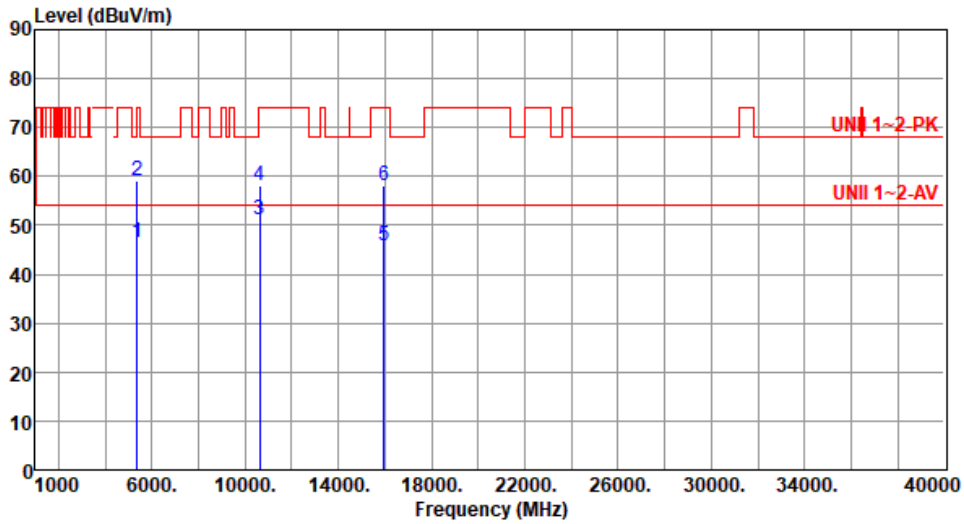


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	45.97	54.00	-8.03	40.25	5.72	Average	269	94
2	5350.00	59.18	74.00	-14.82	53.46	5.72	Peak	269	94
3	10640.00	46.15	54.00	-7.85	31.29	14.86	Average	222	106
4	10640.00	56.54	74.00	-17.46	41.68	14.86	Peak	222	106
5	15960.00	45.33	54.00	-8.67	29.68	15.65	Average	100	90
6	15960.00	57.33	74.00	-16.67	41.68	15.65	Peak	100	90

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)	5320
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

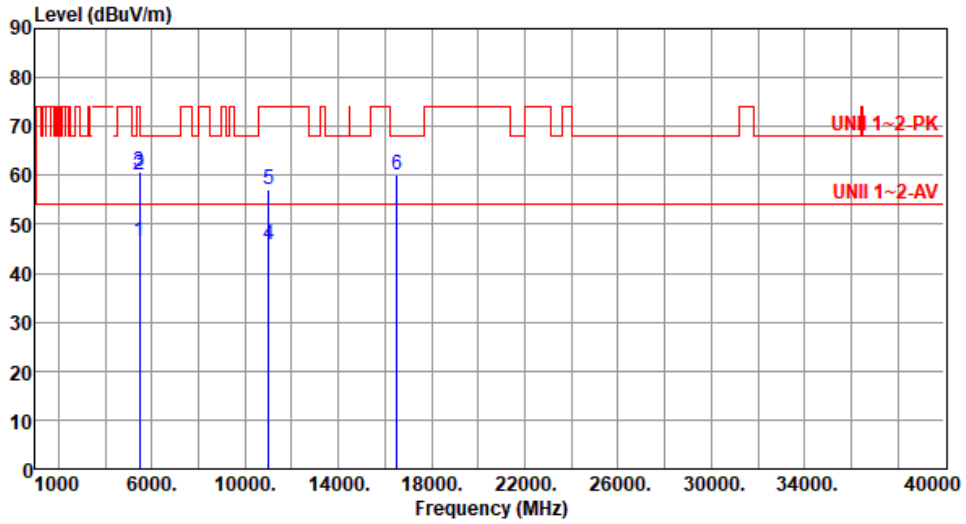


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	46.63	54.00	-7.37	40.91	5.72	Average	312	174
2	5350.00	59.28	74.00	-14.72	53.56	5.72	Peak	312	174
3	10640.00	51.09	54.00	-2.91	36.23	14.86	Average	227	204
4	10640.00	58.19	74.00	-15.81	43.33	14.86	Peak	227	204
5	15960.00	45.77	54.00	-8.23	30.12	15.65	Average	100	205
6	15960.00	58.03	74.00	-15.97	42.38	15.65	Peak	100	205

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)	5500
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

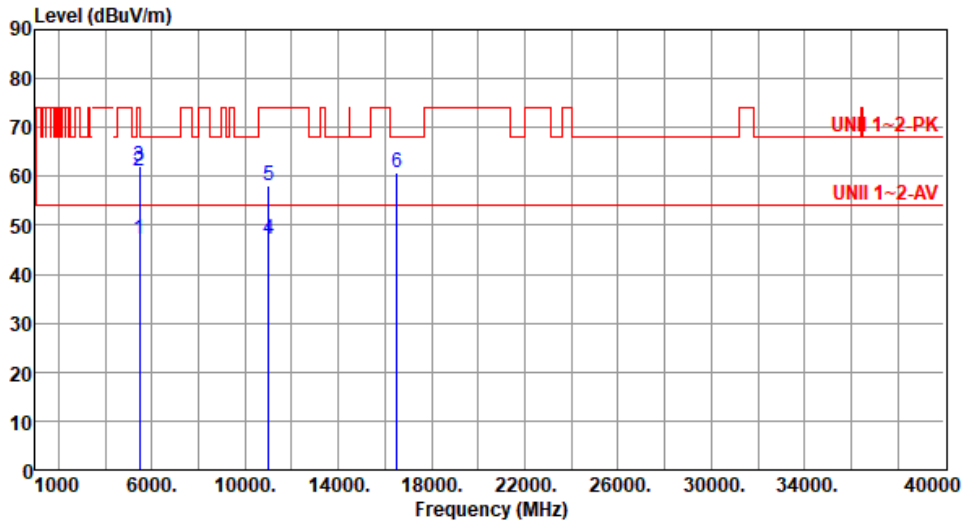


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.45	54.00	-7.55	40.15	6.30	Average	301	269
2	5460.00	60.27	74.00	-13.73	53.97	6.30	Peak	301	269
3	5470.00	60.67	68.20	-7.53	54.35	6.32	Peak	301	269
4	11000.00	45.94	54.00	-8.06	30.29	15.65	Average	100	106
5	11000.00	57.03	74.00	-16.97	41.38	15.65	Peak	100	106
6	16500.00	60.25	68.20	-7.95	42.79	17.46	Peak	100	60

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)	5500
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

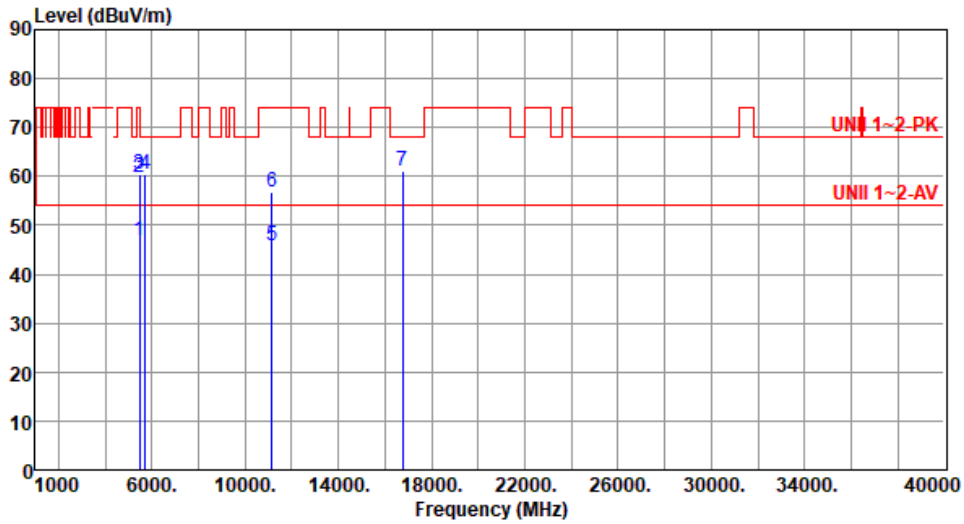


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.29	54.00	-6.71	40.99	6.30	Average	311	231
2	5460.00	61.00	74.00	-13.00	54.70	6.30	Peak	311	231
3	5470.00	62.18	68.20	-6.02	55.86	6.32	Peak	311	231
4	11000.00	47.31	54.00	-6.69	31.66	15.65	Average	225	198
5	11000.00	58.14	74.00	-15.86	42.49	15.65	Peak	225	198
6	16500.00	60.62	68.20	-7.58	43.16	17.46	Peak	100	190

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)	5580
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

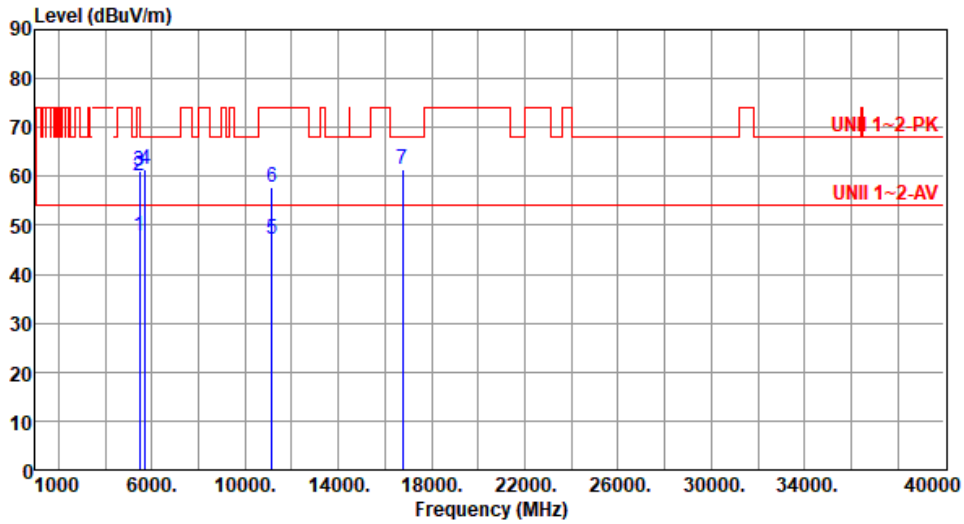


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.67	54.00	-7.33	40.37	6.30	Average	302	268
2	5460.00	59.85	74.00	-14.15	53.55	6.30	Peak	302	268
3	5470.00	60.35	68.20	-7.85	54.03	6.32	Peak	302	268
4	5725.00	60.54	68.20	-7.66	53.95	6.59	Peak	302	268
5	11160.00	45.80	54.00	-8.20	30.65	15.15	Average	100	102
6	11160.00	56.81	74.00	-17.19	41.66	15.15	Peak	100	102
7	16740.00	60.95	68.20	-7.25	43.25	17.70	Peak	100	80

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)	5580
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

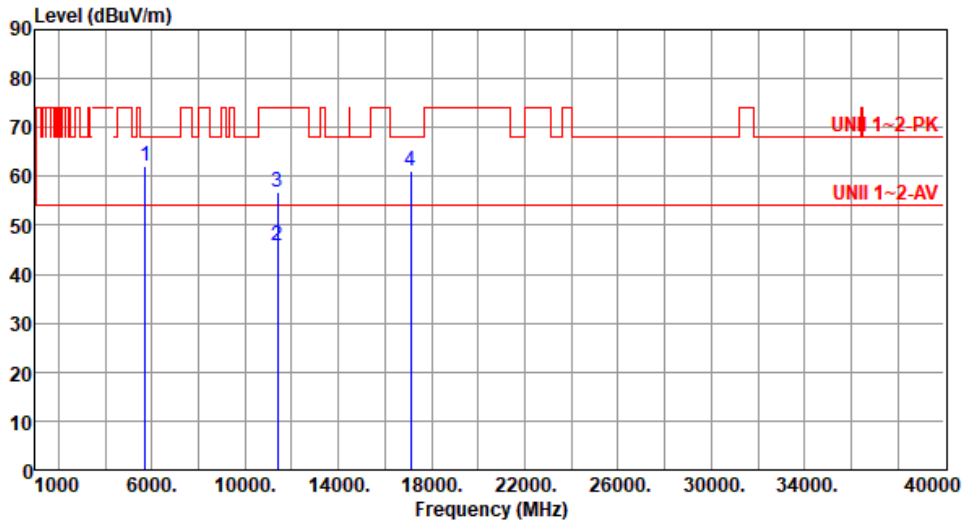


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.90	54.00	-6.10	41.60	6.30	Average	299	139
2	5460.00	60.00	74.00	-14.00	53.70	6.30	Peak	299	139
3	5470.00	60.95	68.20	-7.25	54.63	6.32	Peak	299	139
4	5725.00	61.29	68.20	-6.91	54.70	6.59	Peak	299	139
5	11160.00	47.00	54.00	-7.00	31.85	15.15	Average	224	200
6	11160.00	57.93	74.00	-16.07	42.78	15.15	Peak	224	200
7	16740.00	61.52	68.20	-6.68	43.82	17.70	Peak	100	195

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)	5700
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

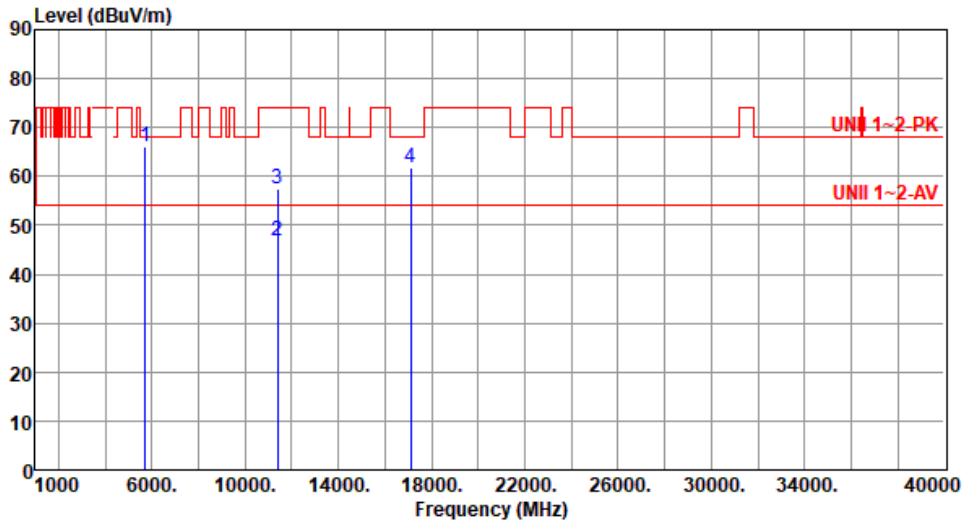


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	61.94	68.20	-6.26	55.35	6.59	Peak	296	268
2	11400.00	45.75	54.00	-8.25	30.60	15.15	Average	100	103
3	11400.00	56.74	74.00	-17.26	41.59	15.15	Peak	100	103
4	17100.00	61.10	68.20	-7.10	42.95	18.15	Peak	100	70

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)	5700
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

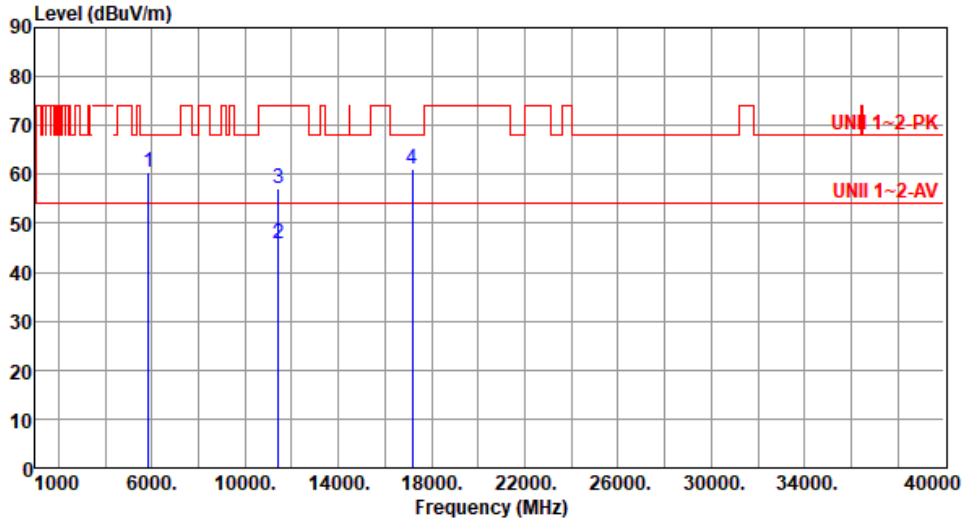


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	66.19	68.20	-2.01	59.60	6.59	Peak	299	166
2	11400.00	46.80	54.00	-7.20	31.65	15.15	Average	222	203
3	11400.00	57.51	74.00	-16.49	42.36	15.15	Peak	222	203
4	17100.00	61.71	68.20	-6.49	43.56	18.15	Peak	100	190

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

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

Test By :Akun Chung Temperature(℃):24 Humidity(%):69

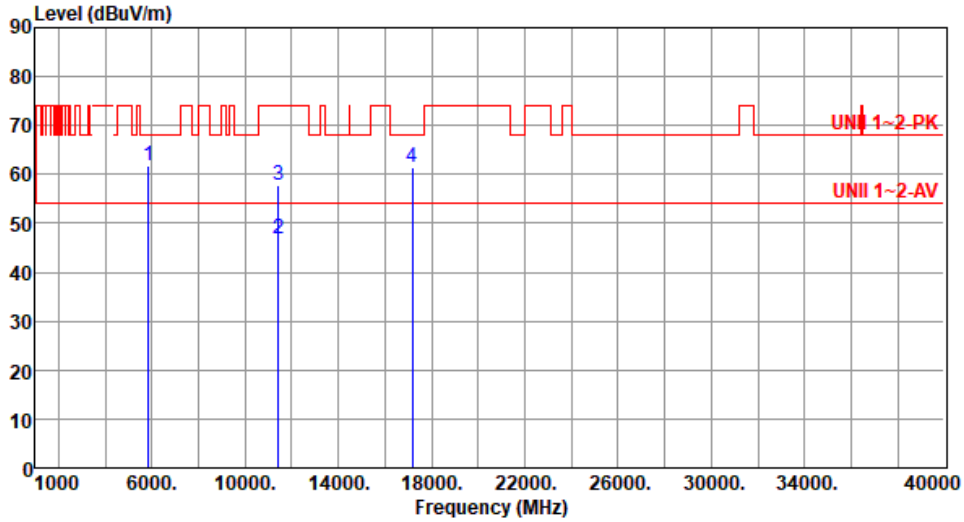


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5850.00	60.45	68.20	-7.75	53.68	6.77	Peak	303	269
2	11440.00	45.93	54.00	-8.07	30.68	15.25	Average	100	106
3	11440.00	57.14	74.00	-16.86	41.89	15.25	Peak	100	106
4	17160.00	61.20	68.20	-7.00	43.05	18.15	Peak	100	70

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(%):69

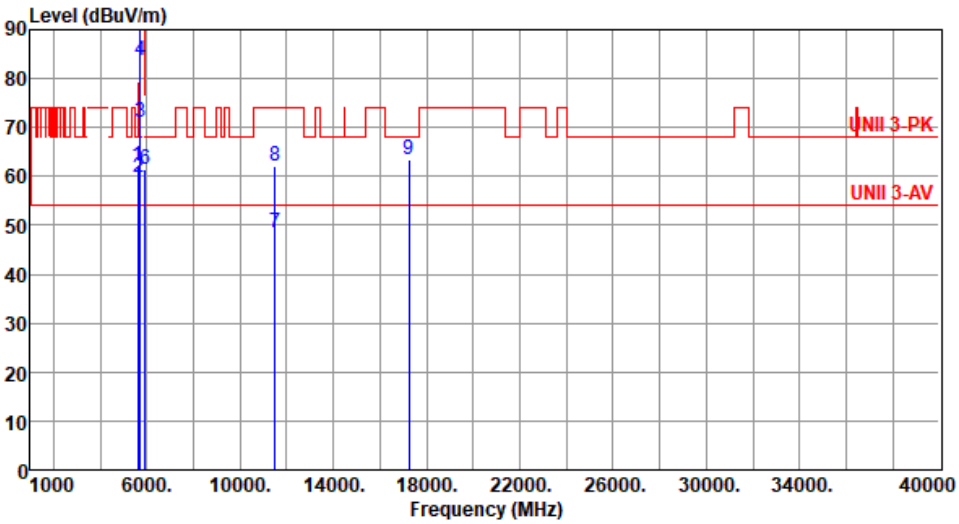


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5850.00	61.63	68.20	-6.57	54.86	6.77	Peak	305	135
2	11440.00	46.74	54.00	-7.26	31.49	15.25	Average	225	206
3	11440.00	57.84	74.00	-16.16	42.59	15.25	Peak	225	206
4	17160.00	61.48	68.20	-6.72	43.33	18.15	Peak	100	185

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)	5745
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

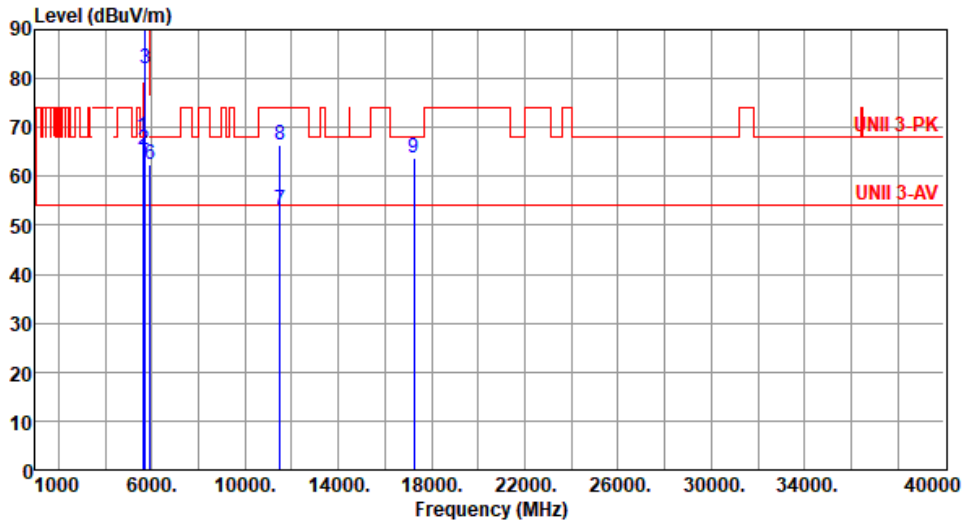


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5625.00	62.04	68.20	-6.16	55.68	6.36	Peak	226	316
2	5650.00	59.88	68.20	-8.32	53.56	6.32	Peak	226	316
3	5700.00	71.12	105.20	-34.08	64.59	6.53	Peak	226	316
4	5720.00	83.54	110.80	-27.26	76.96	6.58	Peak	226	316
5	5725.00	91.12	122.20	-31.08	84.53	6.59	Peak	226	316
6	5925.00	61.38	68.20	-6.82	54.35	7.03	Peak	226	316
7	11490.00	48.33	54.00	-5.67	32.95	15.38	Average	106	125
8	11490.00	61.97	74.00	-12.03	46.59	15.38	Peak	106	125
9	17235.00	63.56	68.20	-4.64	45.30	18.26	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).

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

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

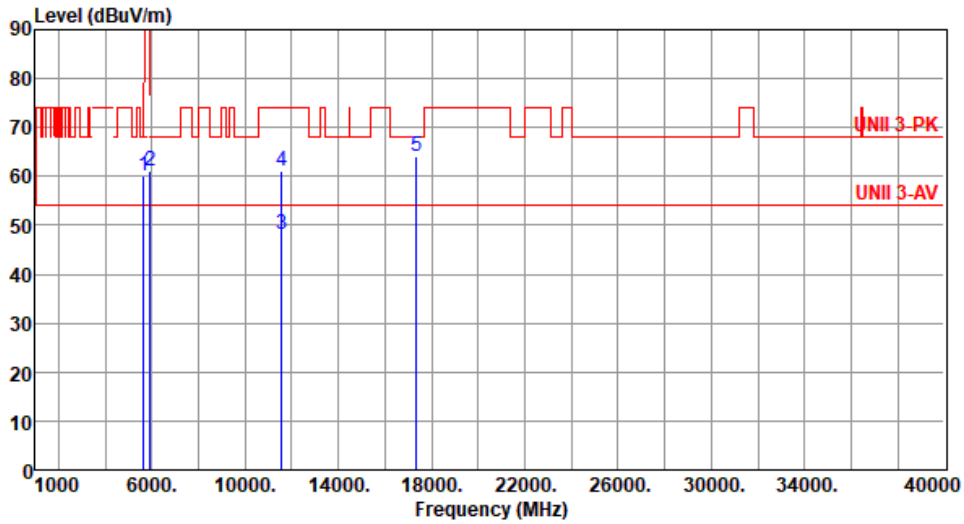


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5625.00	67.94	68.20	-0.26	61.58	6.36	Peak	247	47
2	5650.00	65.41	68.20	-2.79	59.09	6.32	Peak	255	136
3	5700.00	81.86	105.20	-23.34	75.33	6.53	Peak	255	136
4	5720.00	91.20	110.80	-19.60	84.62	6.58	Peak	255	136
5	5725.00	99.54	122.20	-22.66	92.95	6.59	Peak	255	136
6	5925.00	62.28	68.20	-5.92	55.25	7.03	Peak	255	136
7	11490.00	53.01	54.00	-0.99	37.63	15.38	Average	291	77
8	11490.00	66.53	74.00	-7.47	51.15	15.38	Peak	291	77
9	17235.00	63.78	68.20	-4.42	45.52	18.26	Peak	100	80

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)	5785
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

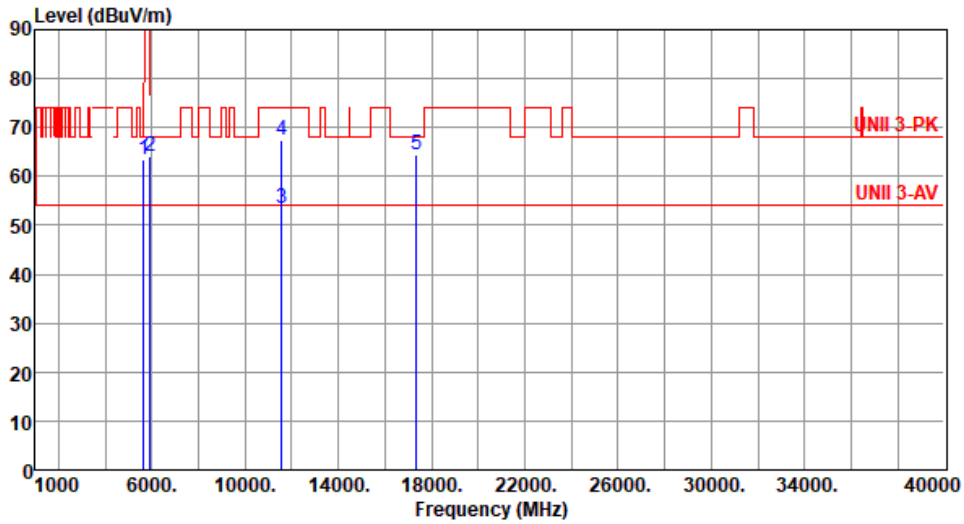


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.01	68.20	-8.19	53.69	6.32	Peak	220	315
2	5925.00	61.18	68.20	-7.02	54.15	7.03	Peak	220	315
3	11570.00	48.06	54.00	-5.94	32.68	15.38	Average	105	121
4	11570.00	61.05	74.00	-12.95	45.67	15.38	Peak	105	121
5	17355.00	64.02	68.20	-4.18	45.04	18.98	Peak	100	124

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)	5785
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

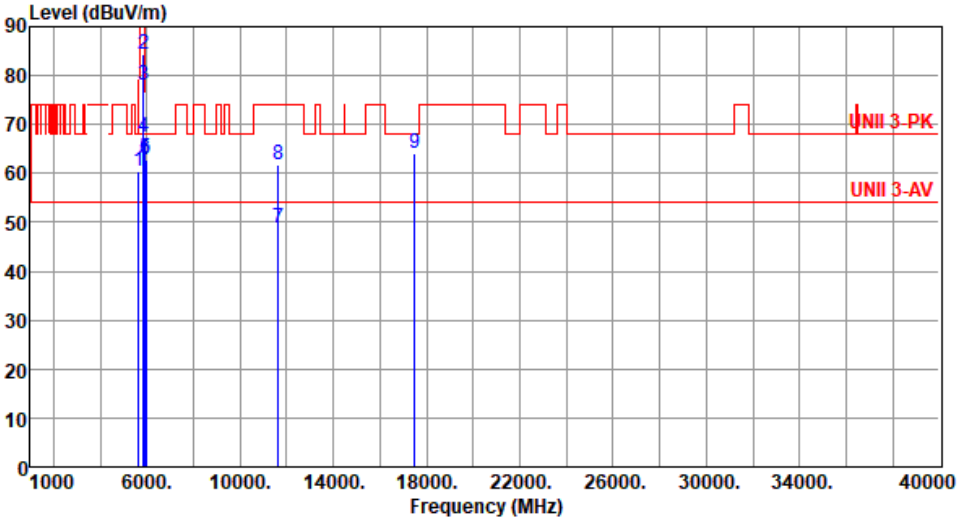


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	63.27	68.20	-4.93	56.95	6.32	Peak	224	141
2	5925.00	64.01	68.20	-4.19	56.98	7.03	Peak	224	141
3	11570.00	53.31	54.00	-0.69	37.93	15.38	Average	297	78
4	11570.00	67.44	74.00	-6.56	52.06	15.38	Peak	297	78
5	17355.00	64.31	68.20	-3.89	45.33	18.98	Peak	100	85

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)	5825
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68

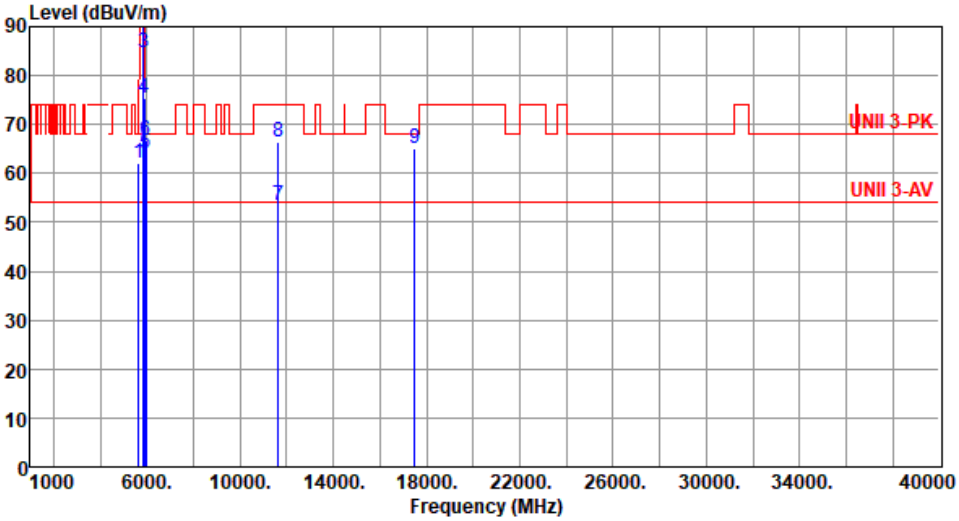


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.30	68.20	-7.90	53.98	6.32	Peak	222	311
2	5850.00	84.36	122.20	-37.84	77.59	6.77	Peak	222	311
3	5855.00	78.06	110.80	-32.74	71.26	6.80	Peak	222	311
4	5875.00	67.52	105.20	-37.68	60.64	6.88	Peak	222	311
5	5925.00	63.18	68.20	-5.02	56.15	7.03	Peak	222	311
6	5945.00	62.75	68.20	-5.45	55.68	7.07	Peak	222	311
7	11650.00	48.76	54.00	-5.24	33.59	15.17	Average	106	122
8	11650.00	61.76	74.00	-12.24	46.59	15.17	Peak	106	122
9	17475.00	64.08	68.20	-4.12	44.27	19.81	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	Test Freq. (MHz)	5825
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):68



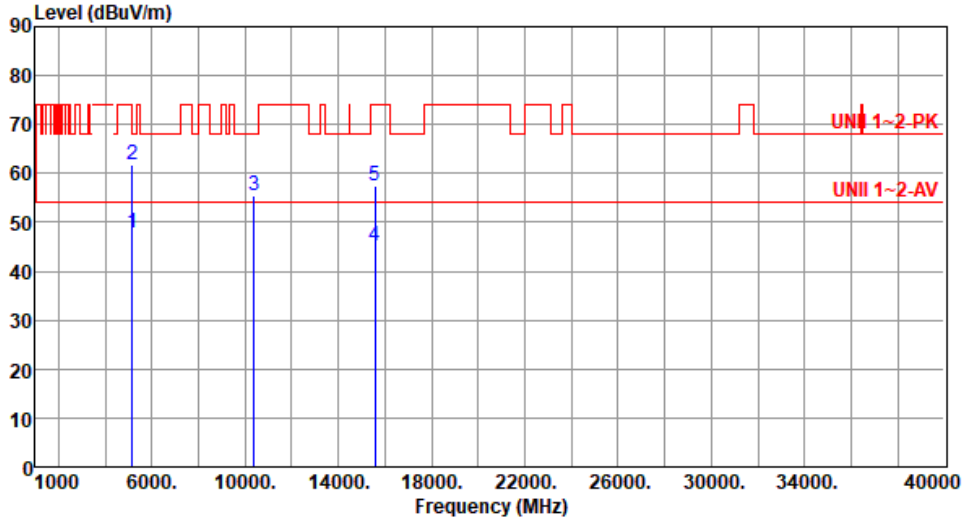
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	62.18	68.20	-6.02	55.86	6.32	Peak	267	319
2	5850.00	91.50	122.20	-30.70	84.73	6.77	Peak	267	319
3	5855.00	84.84	110.80	-25.96	78.04	6.80	Peak	267	319
4	5875.00	75.50	105.20	-29.70	68.62	6.88	Peak	267	319
5	5925.00	64.04	68.20	-4.16	57.01	7.03	Peak	267	319
6	5945.00	66.88	68.20	-1.32	59.81	7.07	Peak	264	50
7	11650.00	53.33	54.00	-0.67	38.16	15.17	Average	295	80
8	11650.00	66.57	74.00	-7.43	51.40	15.17	Peak	295	80
9	17475.00	64.93	68.20	-3.27	45.12	19.81	Peak	100	75

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).

3.5.7 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE40-OFDMA

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5190
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):23 Humidity(%):66

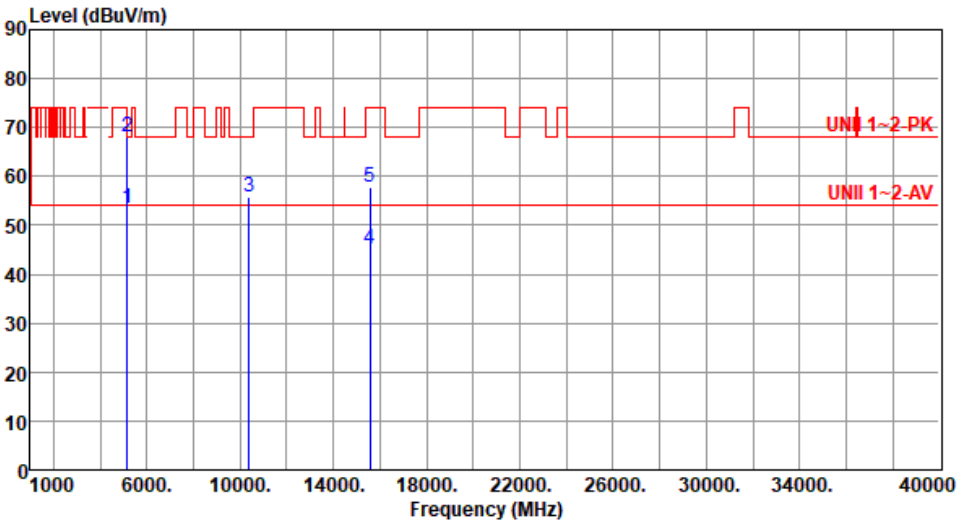


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.96	54.00	-6.04	41.65	6.31	Average	285	95
2	5150.00	61.90	74.00	-12.10	55.59	6.31	Peak	285	95
3	10380.00	55.52	68.20	-12.68	41.06	14.46	Peak	100	55
4	15570.00	45.28	54.00	-8.72	29.11	16.17	Average	100	20
5	15570.00	57.55	74.00	-16.45	41.38	16.17	Peak	100	20

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 HE40-OFDMA	Test Freq. (MHz)	5190
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):23 Humidity(%):66

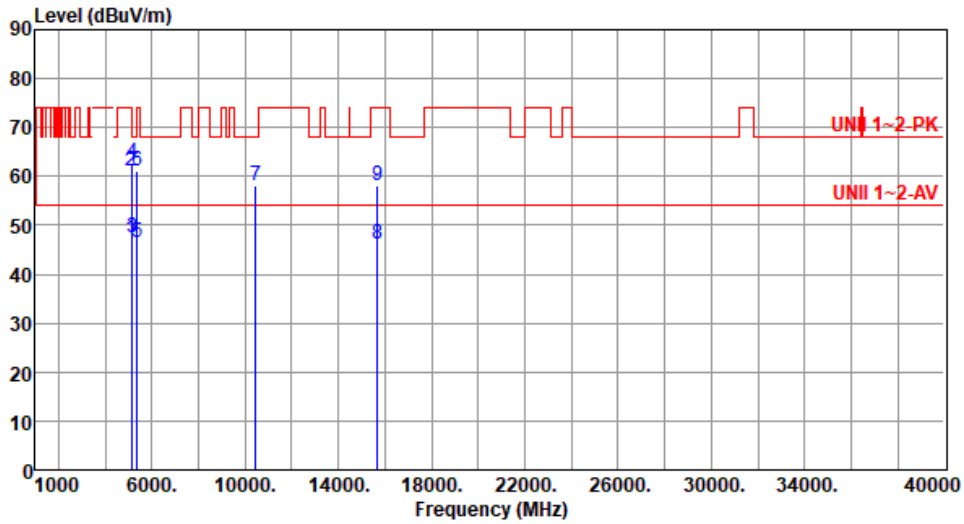


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.42	54.00	-0.58	47.11	6.31	Average	324	180
2	5150.00	68.14	74.00	-5.86	61.83	6.31	Peak	324	180
3	10380.00	55.69	68.20	-12.51	41.23	14.46	Peak	100	60
4	15570.00	45.33	54.00	-8.67	29.16	16.17	Average	100	30
5	15570.00	57.66	74.00	-16.34	41.49	16.17	Peak	100	30

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 HE40-OFDMA	Test Freq. (MHz)	5230
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):22 Humidity(%):66

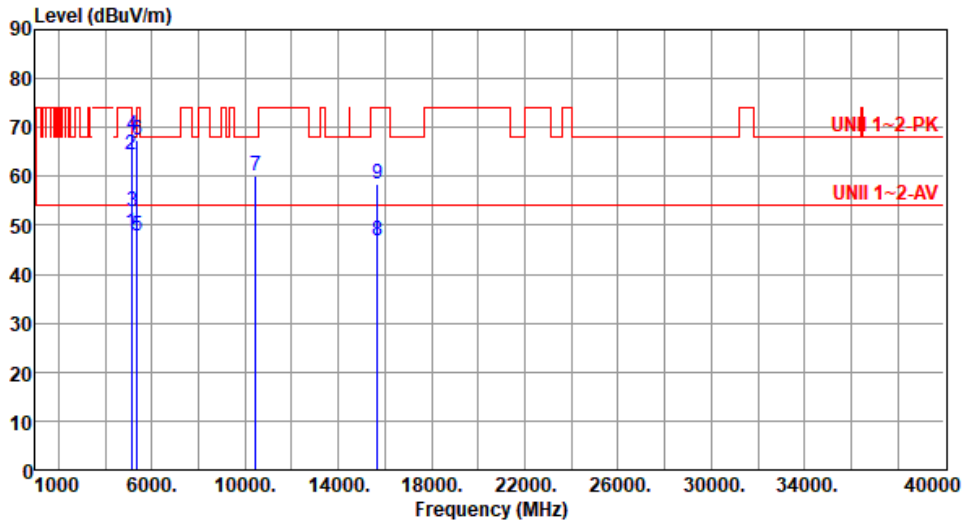


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5110.00	47.01	54.00	-6.99	40.56	6.45	Average	288	93
2	5110.00	61.04	74.00	-12.96	54.59	6.45	Peak	288	93
3	5150.00	47.57	54.00	-6.43	41.26	6.31	Average	288	93
4	5150.00	62.90	74.00	-11.10	56.59	6.31	Peak	288	93
5	5350.00	46.41	54.00	-7.59	40.69	5.72	Average	288	93
6	5350.00	61.20	74.00	-12.80	55.48	5.72	Peak	288	93
7	10460.00	58.15	68.20	-10.05	43.56	14.59	Peak	241	102
8	15690.00	46.13	54.00	-7.87	30.15	15.98	Average	100	80
9	15690.00	58.14	74.00	-15.86	42.16	15.98	Peak	100	80

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 HE40-OFDMA	Test Freq. (MHz)	5230
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):22 Humidity(%):66

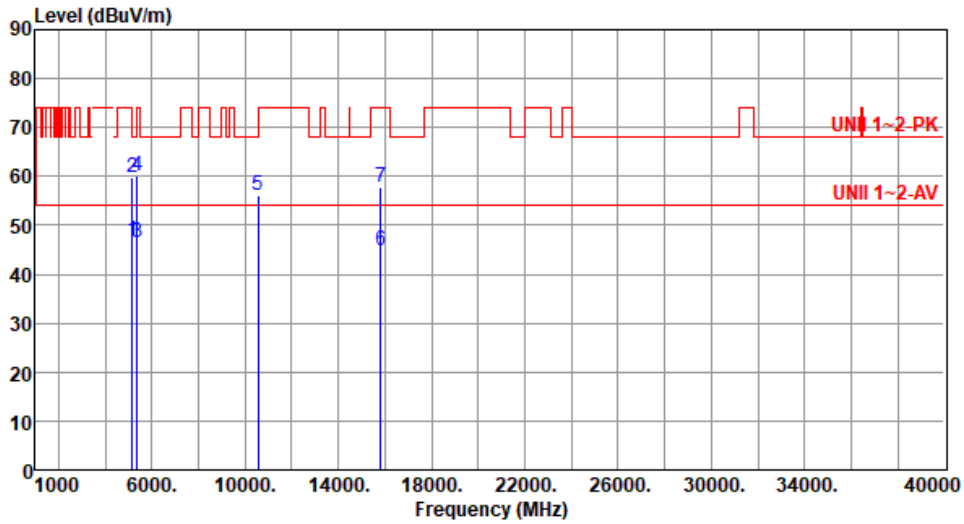


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5110.00	48.36	54.00	-5.64	41.91	6.45	Average	322	177
2	5110.00	64.41	74.00	-9.59	57.96	6.45	Peak	322	177
3	5150.00	52.92	54.00	-1.08	46.61	6.31	Average	314	178
4	5150.00	68.26	74.00	-5.74	61.95	6.31	Peak	314	178
5	5350.00	47.93	54.00	-6.07	42.21	5.72	Average	322	178
6	5350.00	67.46	74.00	-6.54	61.74	5.72	Peak	322	178
7	10460.00	60.18	68.20	-8.02	45.59	14.59	Peak	231	36
8	15690.00	46.87	54.00	-7.13	30.89	15.98	Average	245	49
9	15690.00	58.54	74.00	-15.46	42.56	15.98	Peak	245	49

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 HE40-OFDMA	Test Freq. (MHz)	5270
Polarization	Horizontal		

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

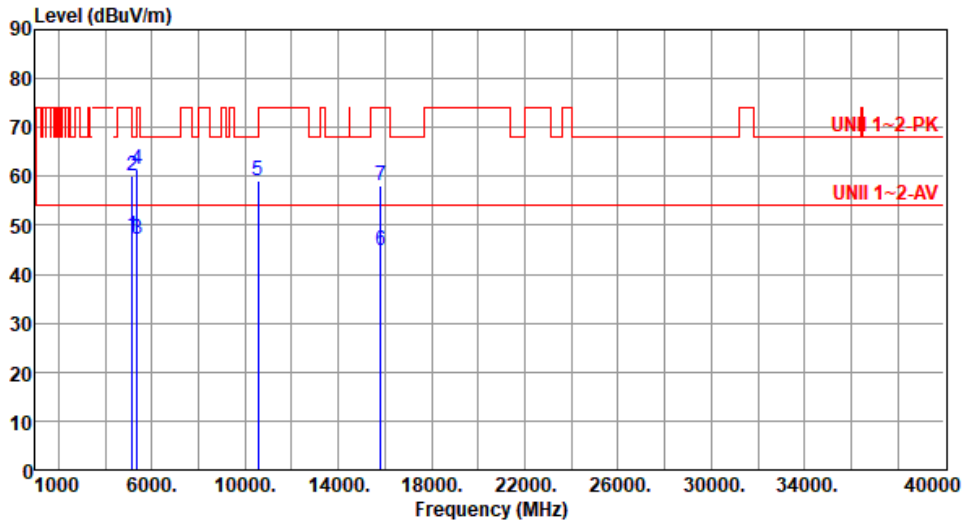


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.96	54.00	-7.04	40.65	6.31	Average	283	91
2	5150.00	59.77	74.00	-14.23	53.46	6.31	Peak	283	91
3	5350.00	46.61	54.00	-7.39	40.89	5.72	Average	283	91
4	5350.00	59.98	74.00	-14.02	54.26	5.72	Peak	283	91
5	10540.00	56.27	68.20	-11.93	41.59	14.68	Peak	100	60
6	15810.00	44.82	54.00	-9.18	29.02	15.80	Average	100	30
7	15810.00	57.93	74.00	-16.07	42.13	15.80	Peak	100	30

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 HE40-OFDMA	Test Freq. (MHz)	5270
Polarization	Vertical		

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

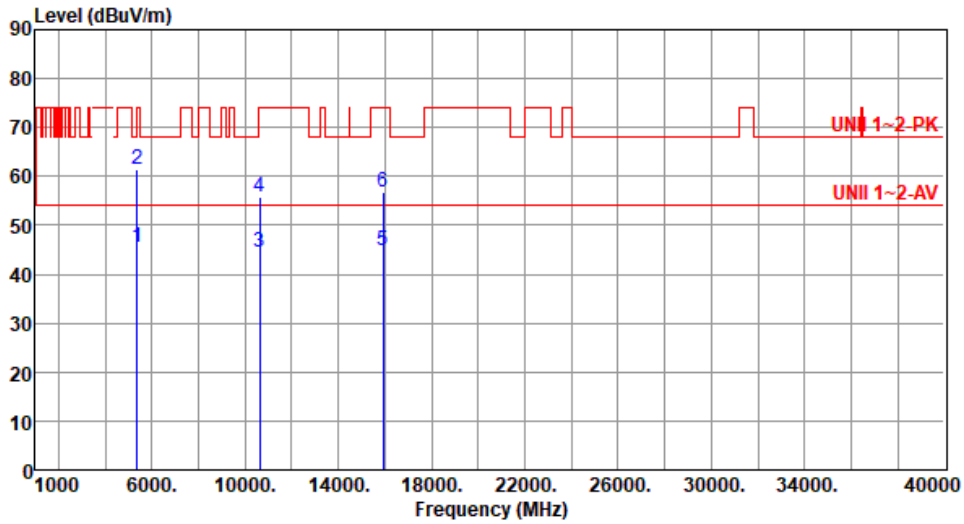


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.97	54.00	-6.03	41.66	6.31	Average	278	165
2	5150.00	59.97	74.00	-14.03	53.66	6.31	Peak	278	165
3	5350.00	47.27	54.00	-6.73	41.55	5.72	Average	278	165
4	5350.00	61.47	74.00	-12.53	55.75	5.72	Peak	278	165
5	10540.00	59.04	68.20	-9.16	44.36	14.68	Peak	255	226
6	15810.00	44.95	54.00	-9.05	29.15	15.80	Average	100	40
7	15810.00	58.11	74.00	-15.89	42.31	15.80	Peak	100	40

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 HE40-OFDMA	Test Freq. (MHz)	5310
Polarization	Horizontal		

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

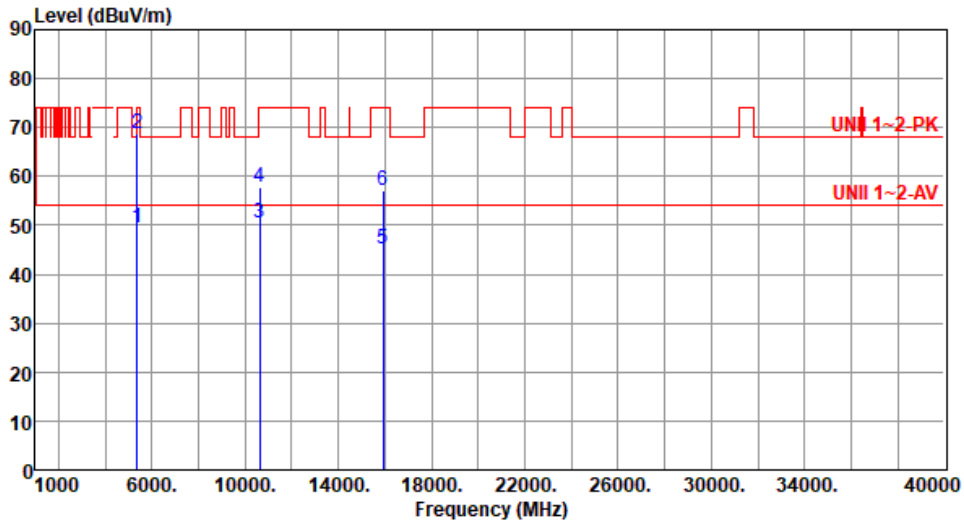


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	45.37	54.00	-8.63	39.65	5.72	Average	283	95
2	5350.00	61.31	74.00	-12.69	55.59	5.72	Peak	283	95
3	10620.00	44.47	54.00	-9.53	29.68	14.79	Average	226	103
4	10620.00	55.95	74.00	-18.05	41.16	14.79	Peak	226	103
5	15930.00	44.81	54.00	-9.19	29.19	15.62	Average	100	30
6	15930.00	56.95	74.00	-17.05	41.33	15.62	Peak	100	30

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 HE40-OFDMA	Test Freq. (MHz)	5310
Polarization	Vertical		

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

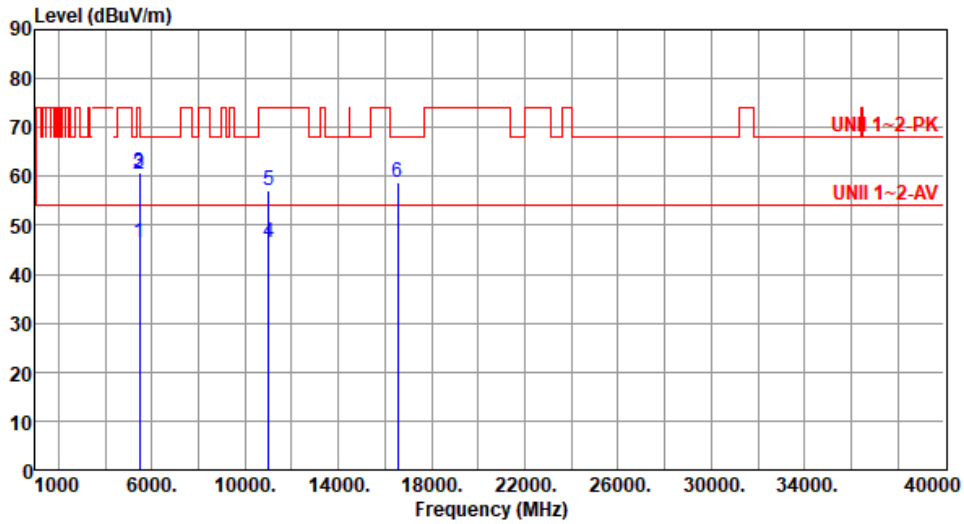


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	49.43	54.00	-4.57	43.71	5.72	Average	271	185
2	5350.00	68.77	74.00	-5.23	63.05	5.72	Peak	271	185
3	10620.00	50.60	54.00	-3.40	35.81	14.79	Average	225	206
4	10620.00	57.85	74.00	-16.15	43.06	14.79	Peak	225	206
5	15930.00	45.06	54.00	-8.94	29.44	15.62	Average	100	50
6	15930.00	57.19	74.00	-16.81	41.57	15.62	Peak	100	50

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 HE40-OFDMA	Test Freq. (MHz)	5510
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

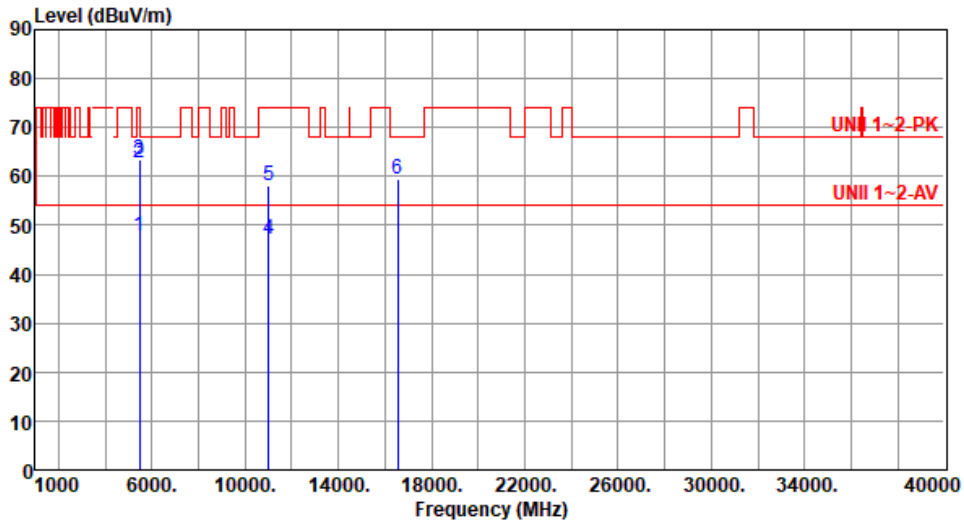


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.60	54.00	-7.40	40.30	6.30	Average	306	266
2	5460.00	60.51	74.00	-13.49	54.21	6.30	Peak	306	266
3	5470.00	60.91	68.20	-7.29	54.59	6.32	Peak	306	266
4	11020.00	46.53	54.00	-7.47	30.95	15.58	Average	100	103
5	11020.00	57.11	74.00	-16.89	41.53	15.58	Peak	100	103
6	16530.00	58.89	68.20	-9.31	41.59	17.30	Peak	100	70

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 HE40-OFDMA	Test Freq. (MHz)	5510
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

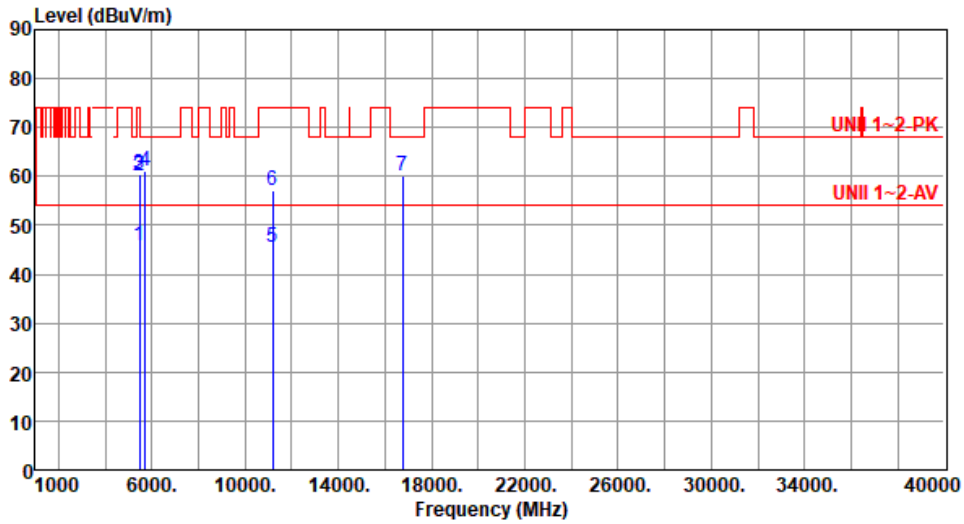


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.84	54.00	-6.16	41.54	6.30	Average	276	161
2	5460.00	62.80	74.00	-11.20	56.50	6.30	Peak	276	161
3	5470.00	63.50	68.20	-4.70	57.18	6.32	Peak	276	161
4	11020.00	47.24	54.00	-6.76	31.66	15.58	Average	235	206
5	11020.00	58.17	74.00	-15.83	42.59	15.58	Peak	235	206
6	16530.00	59.42	68.20	-8.78	42.12	17.30	Peak	100	60

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 HE40-OFDMA	Test Freq. (MHz)	5590
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

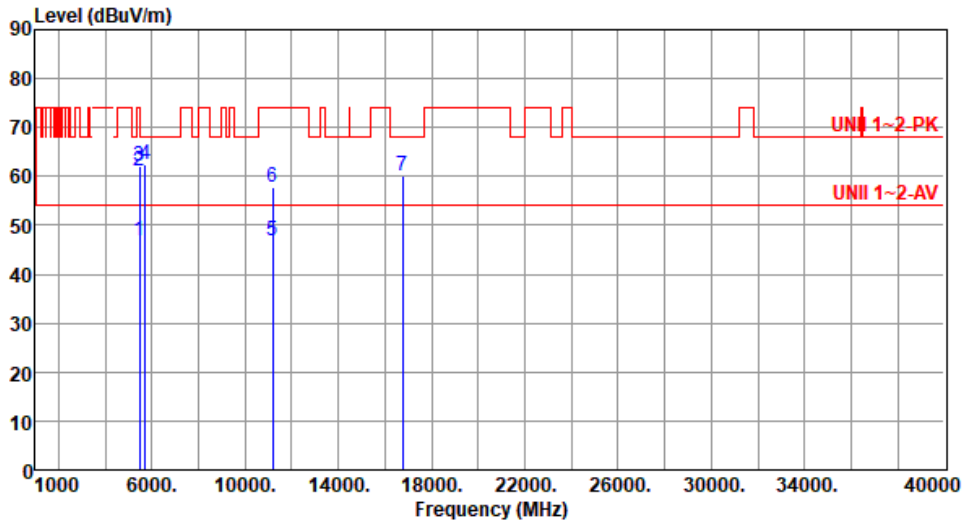


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	45.88	54.00	-8.12	39.58	6.30	Average	302	269
2	5460.00	59.98	74.00	-14.02	53.68	6.30	Peak	302	269
3	5470.00	60.47	68.20	-7.73	54.15	6.32	Peak	302	269
4	5725.00	61.20	68.20	-7.00	54.61	6.59	Peak	302	269
5	11180.00	45.36	54.00	-8.64	30.26	15.10	Average	100	106
6	11180.00	56.99	74.00	-17.01	41.89	15.10	Peak	100	106
7	16770.00	59.97	68.20	-8.23	42.10	17.87	Peak	100	60

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 HE40-OFDMA	Test Freq. (MHz)	5590
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

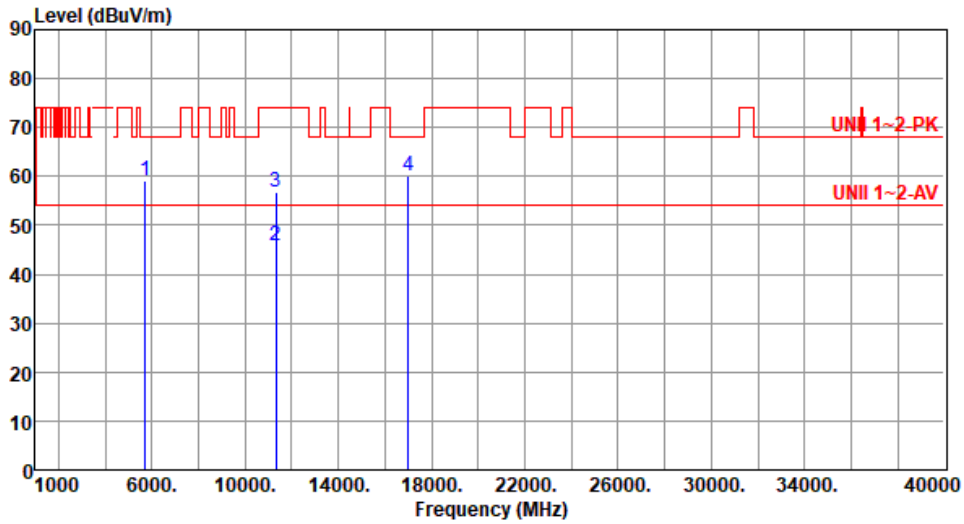


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.95	54.00	-7.05	40.65	6.30	Average	298	133
2	5460.00	61.14	74.00	-12.86	54.84	6.30	Peak	298	133
3	5470.00	62.18	68.20	-6.02	55.86	6.32	Peak	298	133
4	5725.00	62.28	68.20	-5.92	55.69	6.59	Peak	298	133
5	11180.00	46.85	54.00	-7.15	31.75	15.10	Average	236	202
6	11180.00	57.79	74.00	-16.21	42.69	15.10	Peak	236	202
7	16770.00	60.18	68.20	-8.02	42.31	17.87	Peak	100	80

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 HE40-OFDMA	Test Freq. (MHz)	5670
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

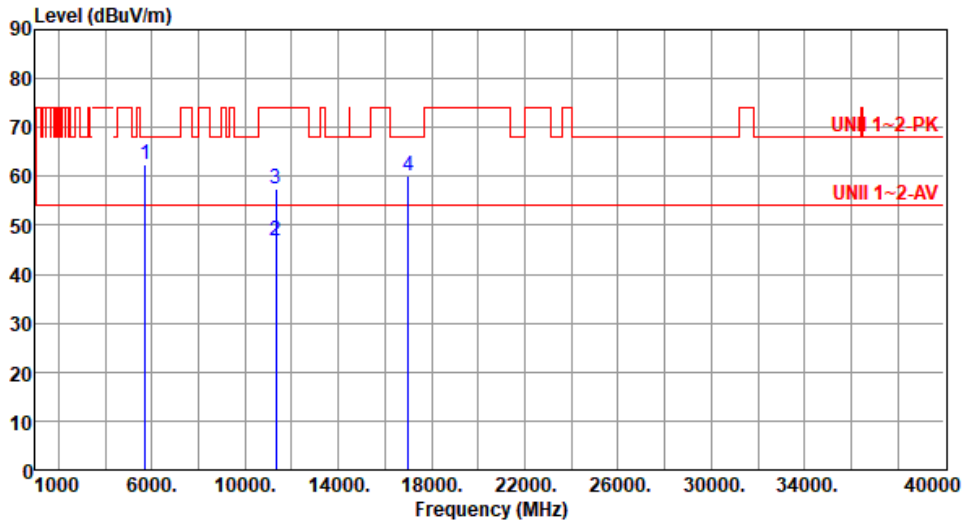


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	59.27	68.20	-8.93	52.68	6.59	Peak	303	260
2	11340.00	45.71	54.00	-8.29	30.59	15.12	Average	100	106
3	11340.00	56.71	74.00	-17.29	41.59	15.12	Peak	100	106
4	17010.00	60.09	68.20	-8.11	42.12	17.97	Peak	100	20

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 HE40-OFDMA	Test Freq. (MHz)	5670
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

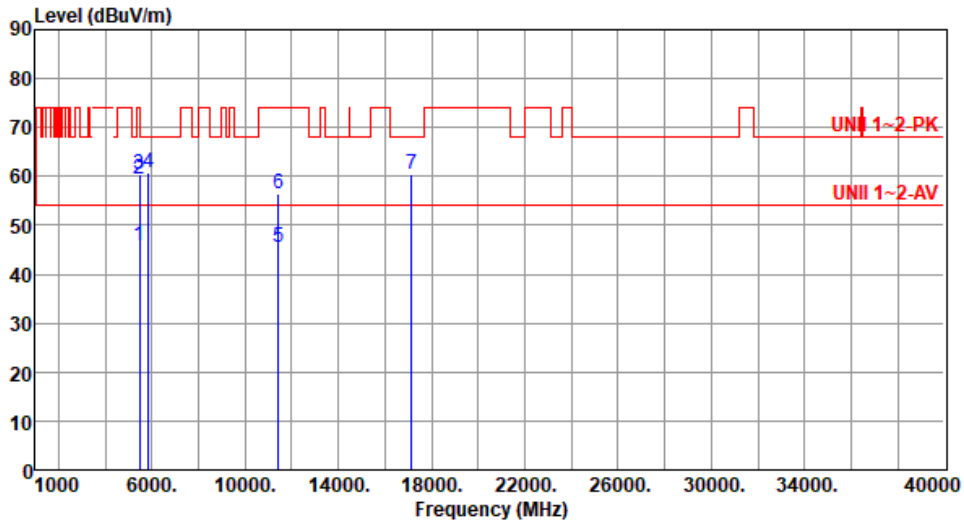


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	62.54	68.20	-5.66	55.95	6.59	Peak	243	312
2	11340.00	46.74	54.00	-7.26	31.62	15.12	Average	234	200
3	11340.00	57.57	74.00	-16.43	42.45	15.12	Peak	234	200
4	17010.00	60.26	68.20	-7.94	42.29	17.97	Peak	100	90

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 HE40-OFDMA	Test Freq. (MHz)	5710
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

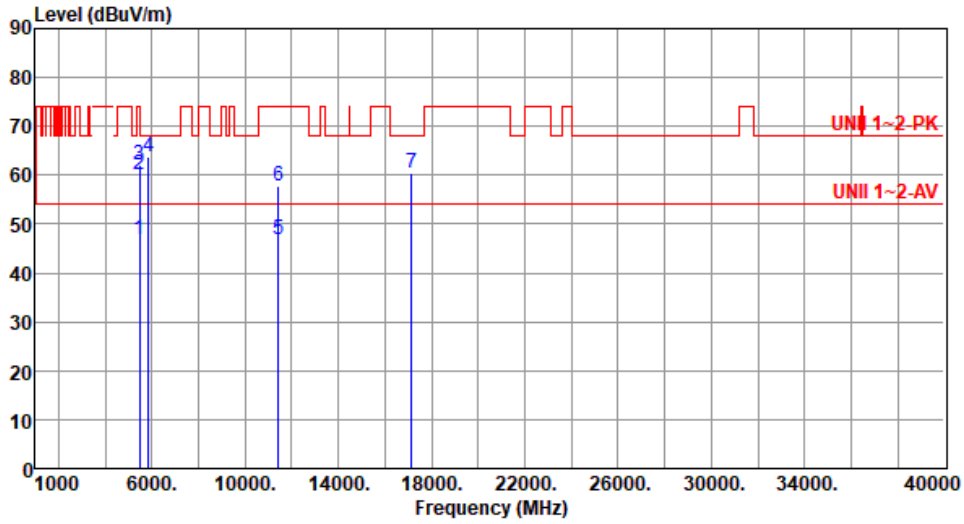


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	45.97	54.00	-8.03	39.67	6.30	Average	303	262
2	5460.00	59.45	74.00	-14.55	53.15	6.30	Peak	303	262
3	5470.00	60.51	68.20	-7.69	54.19	6.32	Peak	303	262
4	5850.00	60.66	68.20	-7.54	53.89	6.77	Peak	303	262
5	11420.00	45.46	54.00	-8.54	30.26	15.20	Average	100	100
6	11420.00	56.62	74.00	-17.38	41.42	15.20	Peak	100	100
7	17130.00	60.31	68.20	-7.89	42.16	18.15	Peak	100	90

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 HE40-OFDMA	Test Freq. (MHz)	5710
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

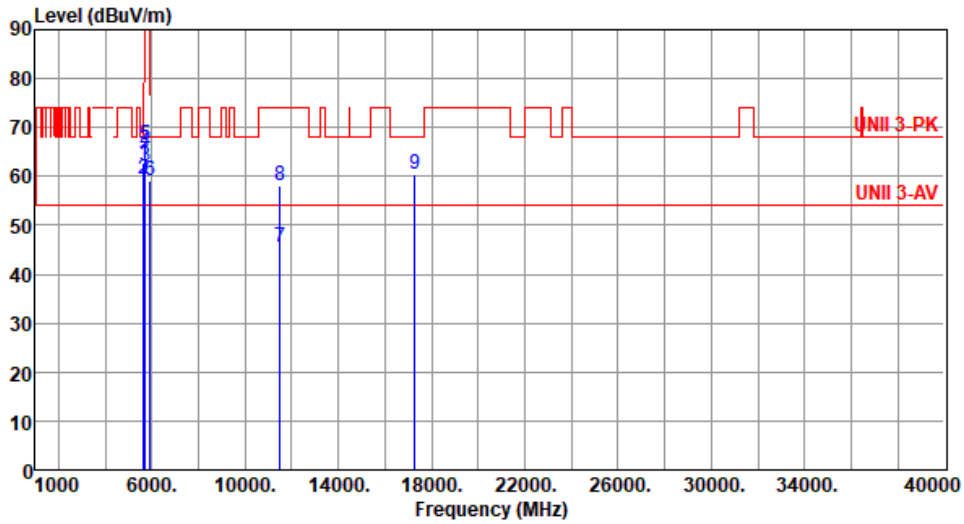


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.88	54.00	-7.12	40.58	6.30	Average	325	152
2	5460.00	59.99	74.00	-14.01	53.69	6.30	Peak	325	152
3	5470.00	61.99	68.20	-6.21	55.67	6.32	Peak	325	152
4	5850.00	63.76	68.20	-4.44	56.99	6.77	Peak	325	152
5	11420.00	46.78	54.00	-7.22	31.58	15.20	Average	236	206
6	11420.00	57.79	74.00	-16.21	42.59	15.20	Peak	236	206
7	17130.00	60.50	68.20	-7.70	42.35	18.15	Peak	100	30

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 HE40-OFDMA	Test Freq. (MHz)	5755
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

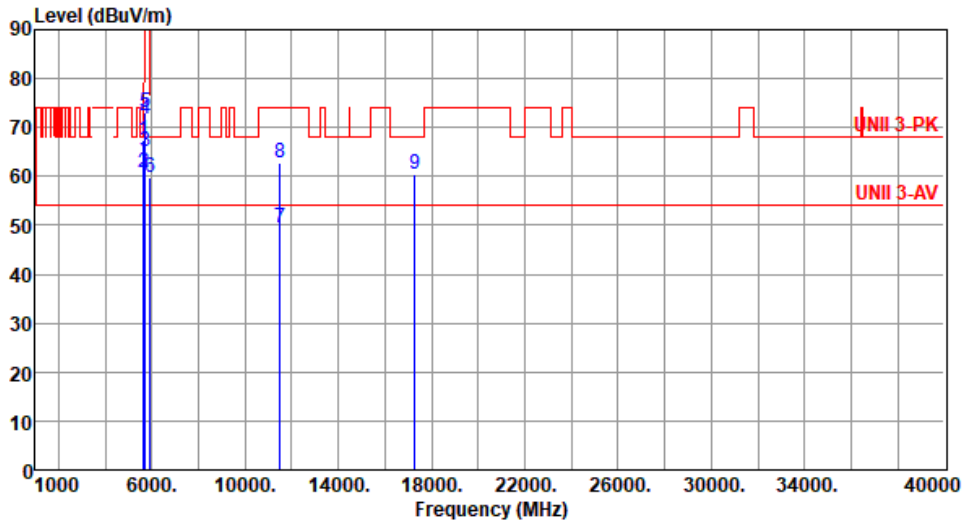


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5635.00	62.92	68.20	-5.28	56.57	6.35	Peak	226	315
2	5650.00	59.54	68.20	-8.66	53.22	6.32	Peak	226	315
3	5700.00	61.99	105.20	-43.21	55.46	6.53	Peak	226	315
4	5720.00	65.17	110.80	-45.63	58.59	6.58	Peak	226	315
5	5725.00	66.28	122.20	-55.92	59.69	6.59	Peak	226	315
6	5925.00	59.18	68.20	-9.02	52.15	7.03	Peak	226	315
7	11510.00	45.46	54.00	-8.54	30.06	15.40	Average	200	126
8	11510.00	58.08	74.00	-15.92	42.68	15.40	Peak	200	126
9	17265.00	60.46	68.20	-7.74	42.13	18.33	Peak	100	129

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 HE40-OFDMA	Test Freq. (MHz)	5755
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

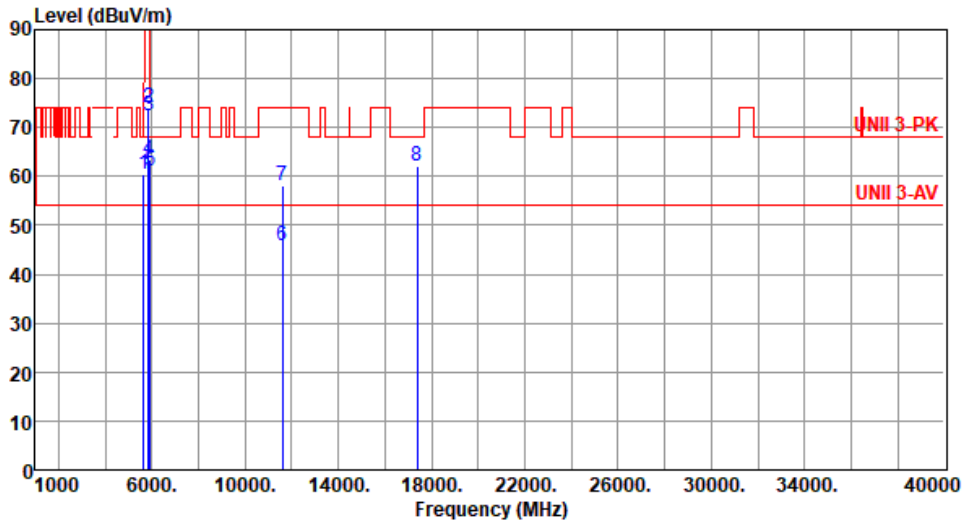


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5635.00	67.35	68.20	-0.85	61.00	6.35	Peak	256	67
2	5650.00	60.91	68.20	-7.29	54.59	6.32	Peak	273	72
3	5700.00	65.11	105.20	-40.09	58.58	6.53	Peak	273	72
4	5720.00	71.72	110.80	-39.08	65.14	6.58	Peak	273	72
5	5725.00	73.14	122.20	-49.06	66.55	6.59	Peak	273	72
6	5925.00	59.68	68.20	-8.52	52.65	7.03	Peak	273	72
7	11510.00	49.42	54.00	-4.58	34.02	15.40	Average	333	109
8	11510.00	62.66	74.00	-11.34	47.26	15.40	Peak	333	109
9	17265.00	60.60	68.20	-7.60	42.27	18.33	Peak	100	30

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 HE40-OFDMA	Test Freq. (MHz)	5795
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

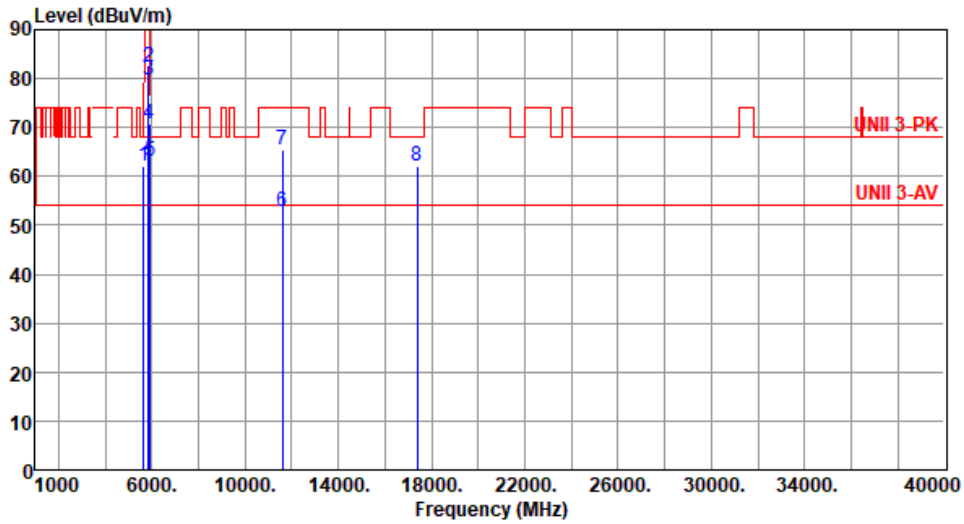


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.29	68.20	-7.91	53.97	6.32	Peak	226	314
2	5850.00	74.06	122.20	-48.14	67.29	6.77	Peak	226	314
3	5855.00	72.24	110.80	-38.56	65.44	6.80	Peak	226	314
4	5875.00	63.47	105.20	-41.73	56.59	6.88	Peak	226	314
5	5925.00	61.19	68.20	-7.01	54.16	7.03	Peak	226	314
6	11590.00	45.83	54.00	-8.17	30.45	15.38	Average	188	315
7	11590.00	58.23	74.00	-15.77	42.85	15.38	Peak	188	315
8	17385.00	62.14	68.20	-6.06	42.85	19.29	Peak	100	320

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 HE40-OFDMA	Test Freq. (MHz)	5795
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66



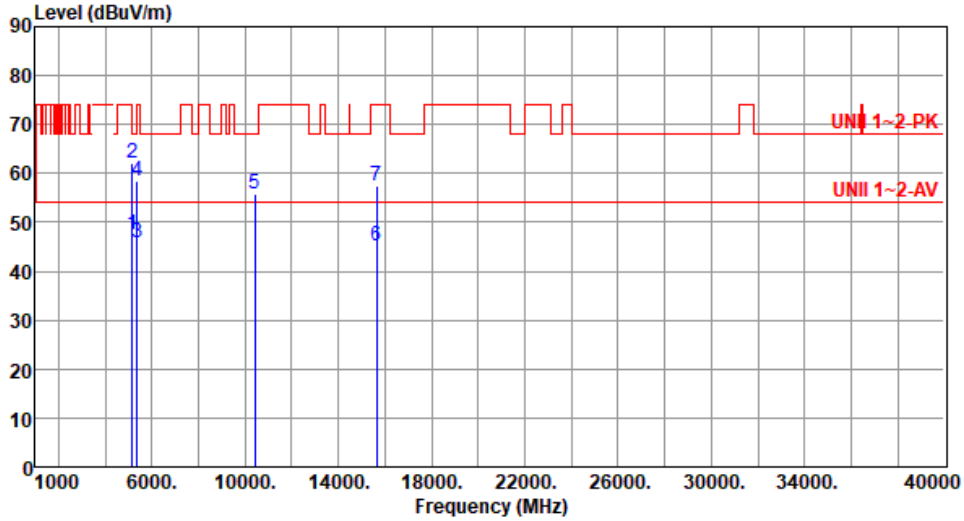
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	62.20	68.20	-6.00	55.88	6.32	Peak	241	72
2	5850.00	82.31	122.20	-39.89	75.54	6.77	Peak	241	72
3	5855.00	79.64	110.80	-31.16	72.84	6.80	Peak	241	72
4	5875.00	70.60	105.20	-34.60	63.72	6.88	Peak	241	72
5	5925.00	63.01	68.20	-5.19	55.98	7.03	Peak	241	72
6	11590.00	52.81	54.00	-1.19	37.43	15.38	Average	335	105
7	11590.00	65.46	74.00	-8.54	50.08	15.38	Peak	335	105
8	17385.00	62.05	68.20	-6.15	42.76	19.29	Peak	200	100

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).

3.5.8 Transmitter Radiated Unwanted Emissions (Above 1GHz) for ax HE80-OFDMA

Modulation	ax HE80-OFDMA	Test Freq. (MHz)	5210
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

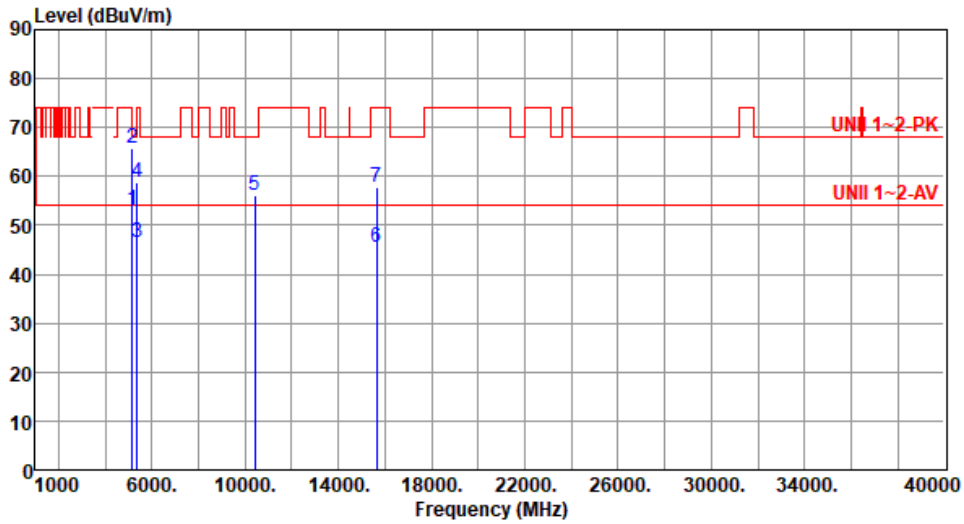


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.57	54.00	-6.43	41.26	6.31	Average	283	94
2	5150.00	61.95	74.00	-12.05	55.64	6.31	Peak	283	94
3	5350.00	45.97	54.00	-8.03	40.25	5.72	Average	283	94
4	5350.00	58.31	74.00	-15.69	52.59	5.72	Peak	283	94
5	10420.00	55.77	68.20	-12.43	41.26	14.51	Peak	100	20
6	15630.00	45.21	54.00	-8.79	29.26	15.95	Average	100	90
7	15630.00	57.55	74.00	-16.45	41.60	15.95	Peak	100	90

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 HE80-OFDMA	Test Freq. (MHz)	5210
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

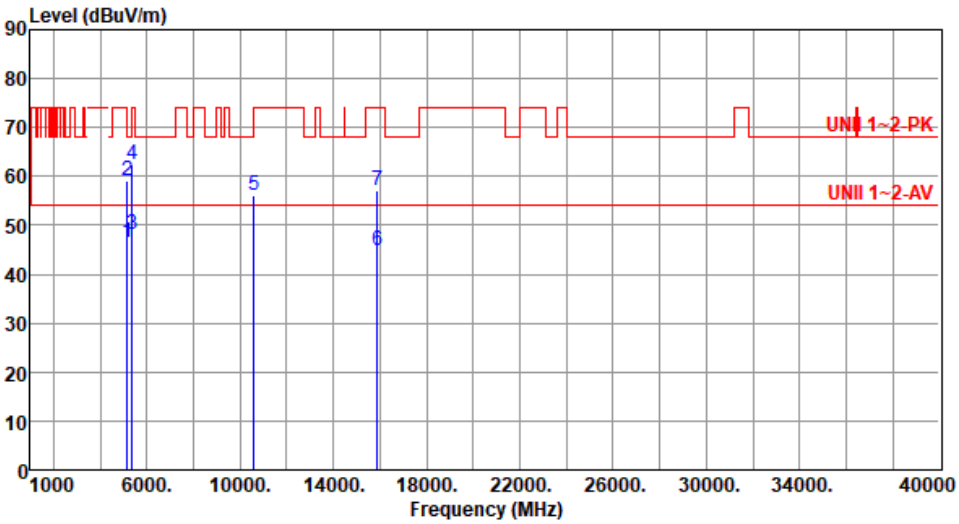


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.99	54.00	-1.01	46.68	6.31	Average	329	179
2	5150.00	65.82	74.00	-8.18	59.51	6.31	Peak	329	179
3	5350.00	46.57	54.00	-7.43	40.85	5.72	Average	329	179
4	5350.00	58.71	74.00	-15.29	52.99	5.72	Peak	329	179
5	10420.00	56.10	68.20	-12.10	41.59	14.51	Peak	100	60
6	15630.00	45.40	54.00	-8.60	29.45	15.95	Average	100	40
7	15630.00	57.74	74.00	-16.26	41.79	15.95	Peak	100	40

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 HE80-OFDMA	Test Freq. (MHz)	5290
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):23 Humidity(%):66

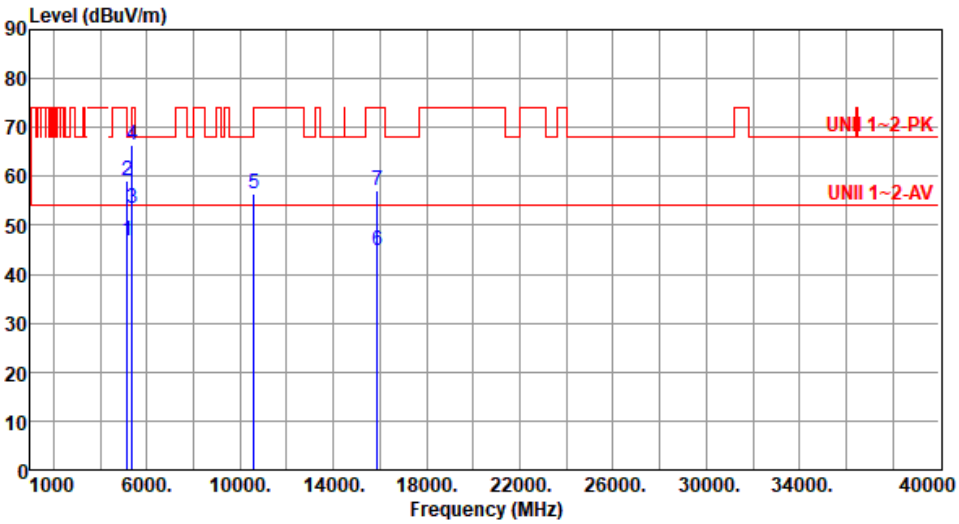


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.37	54.00	-7.63	40.06	6.31	Average	282	88
2	5150.00	58.98	74.00	-15.02	52.67	6.31	Peak	282	88
3	5350.00	48.28	54.00	-5.72	42.56	5.72	Average	282	88
4	5350.00	62.36	74.00	-11.64	56.64	5.72	Peak	282	88
5	10580.00	56.26	68.20	-11.94	41.55	14.71	Peak	100	30
6	15870.00	44.78	54.00	-9.22	29.13	15.65	Average	100	40
7	15870.00	57.08	74.00	-16.92	41.43	15.65	Peak	100	40

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 HE80-OFDMA	Test Freq. (MHz)	5290
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):23 Humidity(%):66

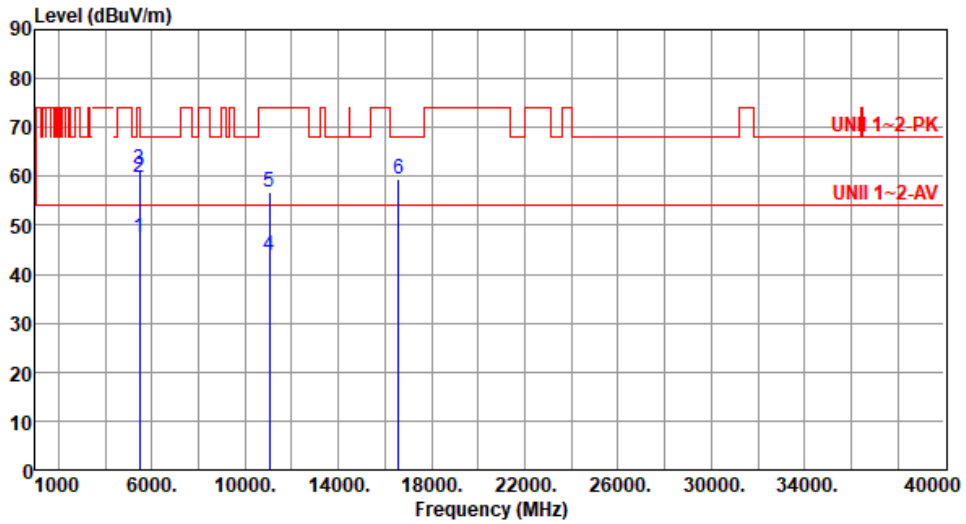


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.96	54.00	-7.04	40.65	6.31	Average	269	175
2	5150.00	59.27	74.00	-14.73	52.96	6.31	Peak	269	175
3	5350.00	53.57	54.00	-0.43	47.85	5.72	Average	269	175
4	5350.00	66.54	74.00	-7.46	60.82	5.72	Peak	269	175
5	10580.00	56.40	68.20	-11.80	41.69	14.71	Peak	100	60
6	15870.00	44.96	54.00	-9.04	29.31	15.65	Average	100	20
7	15870.00	57.20	74.00	-16.80	41.55	15.65	Peak	100	20

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 HE80-OFDMA	Test Freq. (MHz)	5530
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

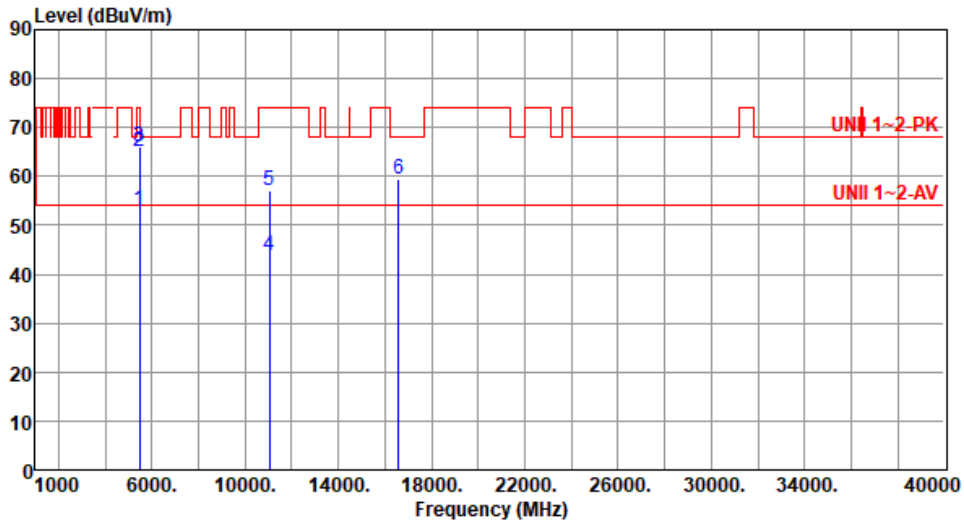


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.55	54.00	-6.45	41.25	6.30	Average	283	94
2	5460.00	59.88	74.00	-14.12	53.58	6.30	Peak	283	94
3	5470.00	61.43	68.20	-6.77	55.11	6.32	Peak	283	94
4	11060.00	43.87	54.00	-10.13	28.43	15.44	Average	100	20
5	11060.00	56.89	74.00	-17.11	41.45	15.44	Peak	100	20
6	16590.00	59.28	68.20	-8.92	42.30	16.98	Peak	100	50

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 HE80-OFDMA	Test Freq. (MHz)	5530
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

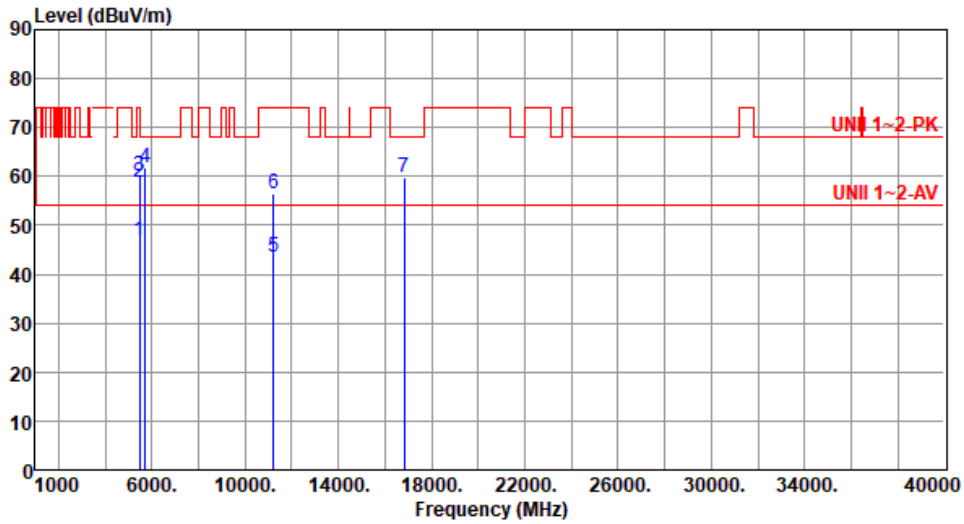


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	52.97	54.00	-1.03	46.67	6.30	Average	266	177
2	5460.00	65.24	74.00	-8.76	58.94	6.30	Peak	266	177
3	5470.00	65.97	68.20	-2.23	59.65	6.32	Peak	266	177
4	11060.00	44.00	54.00	-10.00	28.56	15.44	Average	100	40
5	11060.00	57.11	74.00	-16.89	41.67	15.44	Peak	100	40
6	16590.00	59.43	68.20	-8.77	42.45	16.98	Peak	100	80

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 HE80-OFDMA	Test Freq. (MHz)	5610
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

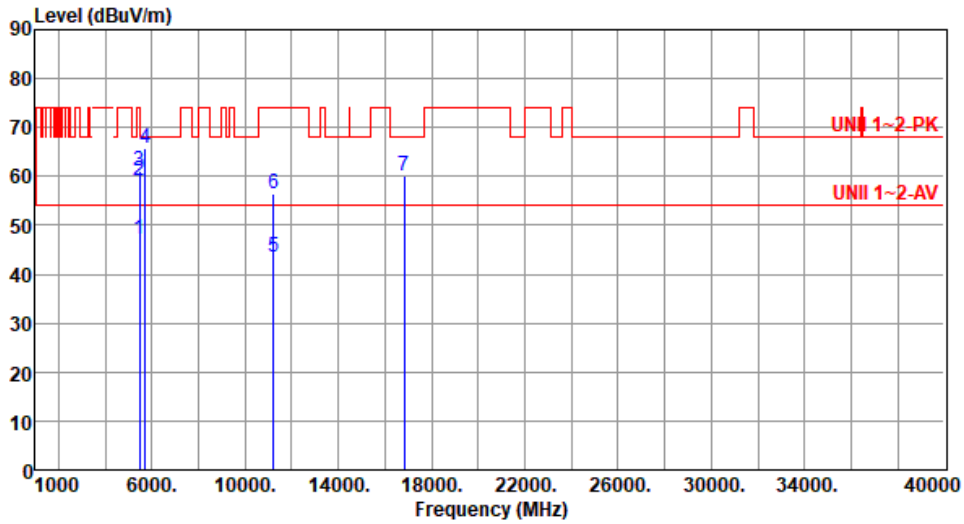


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.85	54.00	-7.15	40.55	6.30	Average	283	94
2	5460.00	58.85	74.00	-15.15	52.55	6.30	Peak	283	94
3	5470.00	60.01	68.20	-8.19	53.69	6.32	Peak	283	94
4	5725.00	61.74	68.20	-6.46	55.15	6.59	Peak	283	94
5	11220.00	43.42	54.00	-10.58	28.36	15.06	Average	100	60
6	11220.00	56.31	74.00	-17.69	41.25	15.06	Peak	100	60
7	16830.00	59.68	68.20	-8.52	41.69	17.99	Peak	100	70

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 HE80-OFDMA	Test Freq. (MHz)	5610
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

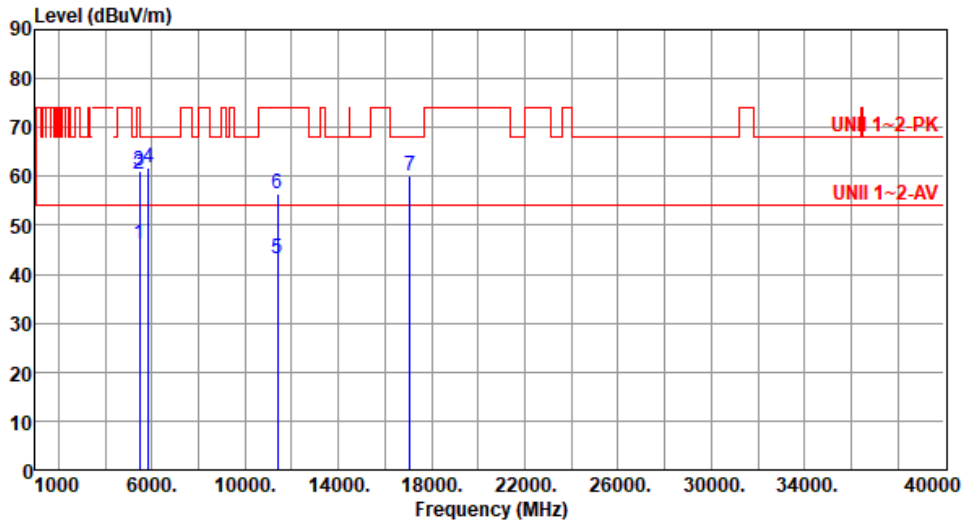


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.06	54.00	-6.94	40.76	6.30	Average	276	131
2	5460.00	59.04	74.00	-14.96	52.74	6.30	Peak	276	131
3	5470.00	61.05	68.20	-7.15	54.73	6.32	Peak	276	131
4	5725.00	65.79	68.20	-2.41	59.20	6.59	Peak	276	131
5	11220.00	43.62	54.00	-10.38	28.56	15.06	Average	100	70
6	11220.00	56.49	74.00	-17.51	41.43	15.06	Peak	100	70
7	16830.00	60.14	68.20	-8.06	42.15	17.99	Peak	100	80

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 HE80-OFDMA	Test Freq. (MHz)	5690
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

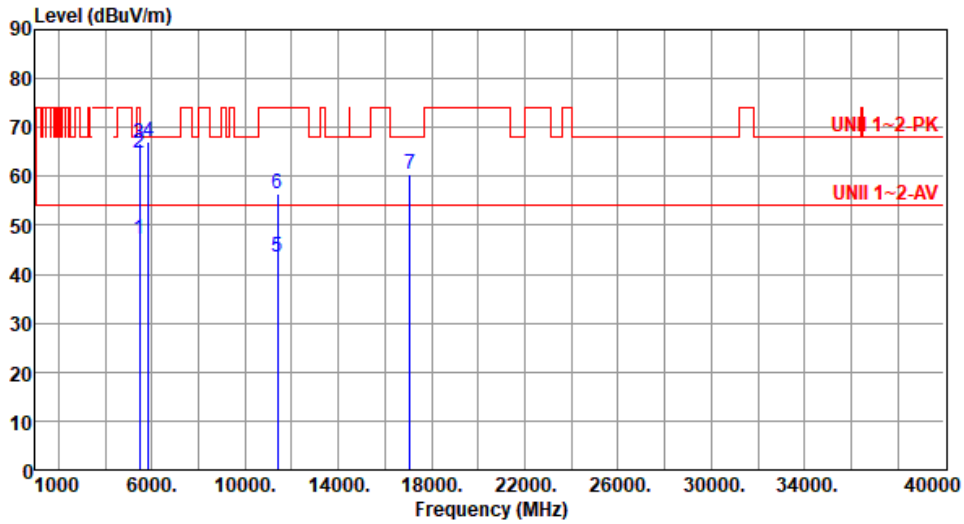


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.18	54.00	-7.82	39.88	6.30	Average	306	269
2	5460.00	60.45	74.00	-13.55	54.15	6.30	Peak	306	269
3	5470.00	61.20	68.20	-7.00	54.88	6.32	Peak	306	269
4	5850.00	61.92	68.20	-6.28	55.15	6.77	Peak	306	269
5	11380.00	43.29	54.00	-10.71	28.15	15.14	Average	100	30
6	11380.00	56.35	74.00	-17.65	41.21	15.14	Peak	100	30
7	17070.00	60.15	68.20	-8.05	42.06	18.09	Peak	100	40

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 HE80-OFDMA	Test Freq. (MHz)	5690
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):66

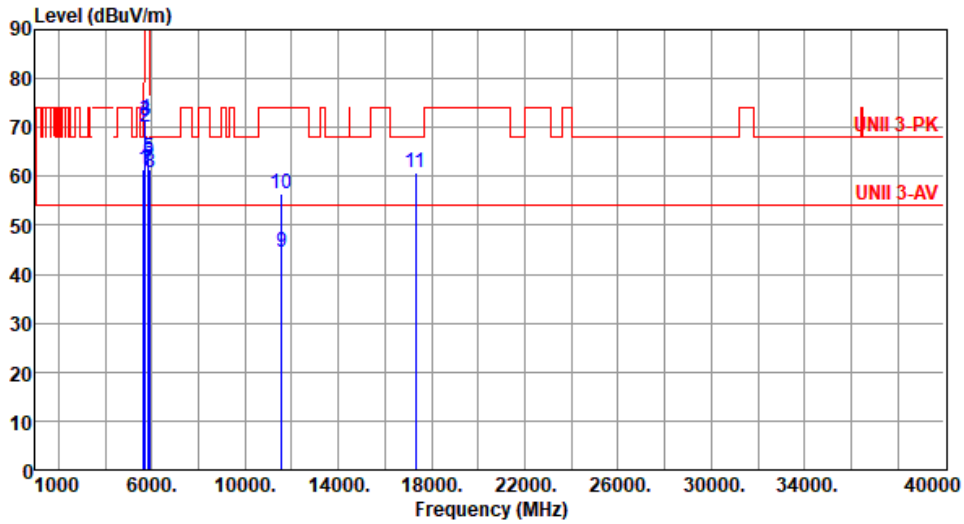


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.00	54.00	-7.00	40.70	6.30	Average	290	198
2	5460.00	64.67	74.00	-9.33	58.37	6.30	Peak	290	198
3	5470.00	66.78	68.20	-1.42	60.46	6.32	Peak	290	198
4	5850.00	67.17	68.20	-1.03	60.40	6.77	Peak	250	313
5	11380.00	43.55	54.00	-10.45	28.41	15.14	Average	100	20
6	11380.00	56.45	74.00	-17.55	41.31	15.14	Peak	100	20
7	17070.00	60.28	68.20	-7.92	42.19	18.09	Peak	100	60

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 HE80-OFDMA	Test Freq. (MHz)	5775
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):23 Humidity(%):66

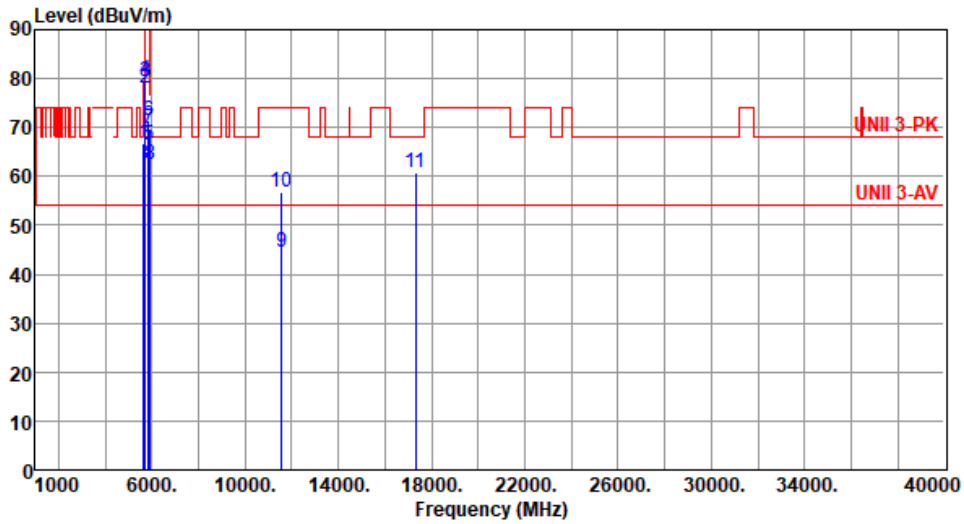


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	61.47	68.20	-6.73	55.15	6.32	Peak	225	316
2	5700.00	70.12	105.20	-35.08	63.59	6.53	Peak	225	316
3	5720.00	71.47	110.80	-39.33	64.89	6.58	Peak	225	316
4	5725.00	71.74	122.20	-50.46	65.15	6.59	Peak	225	316
5	5850.00	63.92	122.20	-58.28	57.15	6.77	Peak	225	316
6	5855.00	63.11	110.80	-47.69	56.31	6.80	Peak	225	316
7	5875.00	61.47	105.20	-43.73	54.59	6.88	Peak	225	316
8	5925.00	60.68	68.20	-7.52	53.65	7.03	Peak	225	316
9	11550.00	44.50	54.00	-9.50	29.11	15.39	Average	100	40
10	11550.00	56.51	74.00	-17.49	41.12	15.39	Peak	100	40
11	17325.00	60.78	68.20	-7.42	42.10	18.68	Peak	100	20

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 HE80-OFDMA	Test Freq. (MHz)	5775
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):23 Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.77	68.20	-1.43	60.45	6.32	Peak	318	159
2	5700.00	78.10	105.20	-27.10	71.57	6.53	Peak	318	159
3	5720.00	79.40	110.80	-31.40	72.82	6.58	Peak	318	159
4	5725.00	79.57	122.20	-42.63	72.98	6.59	Peak	318	159
5	5850.00	66.49	122.20	-55.71	59.72	6.77	Peak	318	159
6	5855.00	71.47	110.80	-39.33	64.67	6.80	Peak	318	159
7	5875.00	69.78	105.20	-35.42	62.90	6.88	Peak	318	159
8	5925.00	62.44	68.20	-5.76	55.41	7.03	Peak	318	159
9	11550.00	44.64	54.00	-9.36	29.25	15.39	Average	100	50
10	11550.00	56.73	74.00	-17.27	41.34	15.39	Peak	100	50
11	17325.00	60.82	68.20	-7.38	42.14	18.68	Peak	100	60

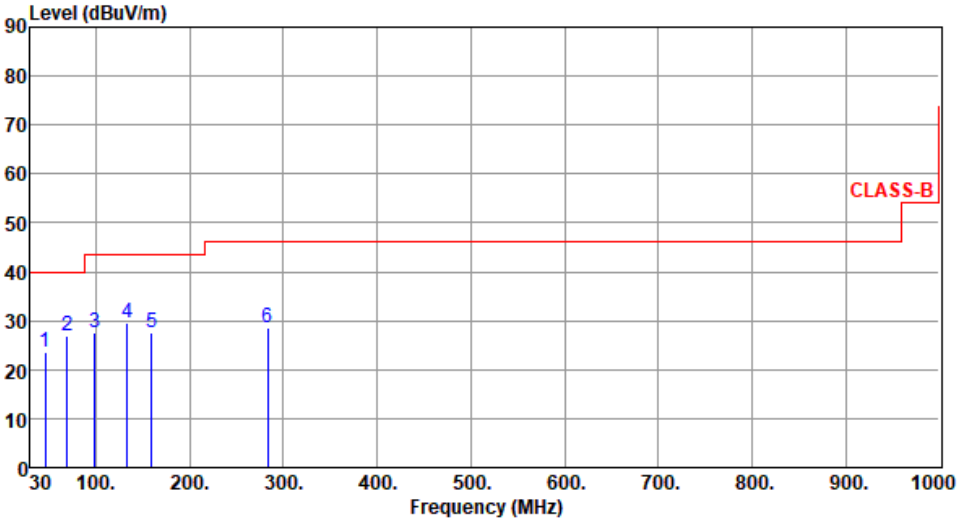
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Adapter mode

3.5.9 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):69

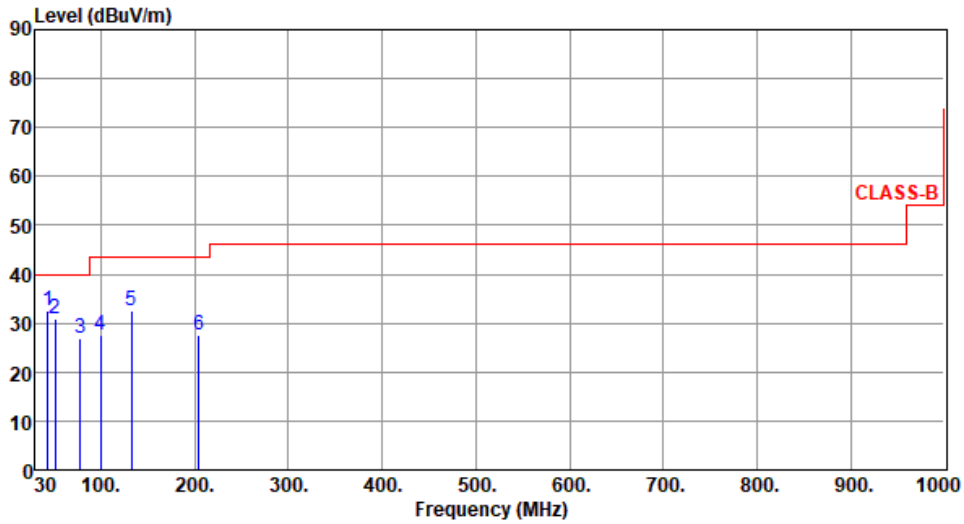


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	45.62	23.51	40.00	-16.49	32.39	-8.88	Peak	---	---
2	69.53	26.74	40.00	-13.26	37.64	-10.90	Peak	---	---
3	98.62	27.68	43.50	-15.82	41.51	-13.83	Peak	---	---
4	133.56	29.41	43.50	-14.09	38.94	-9.53	Peak	---	---
5	159.27	27.63	43.50	-15.87	36.02	-8.39	Peak	---	---
6	283.68	28.61	46.00	-17.39	37.11	-8.50	Peak	---	---

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

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5230
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):69

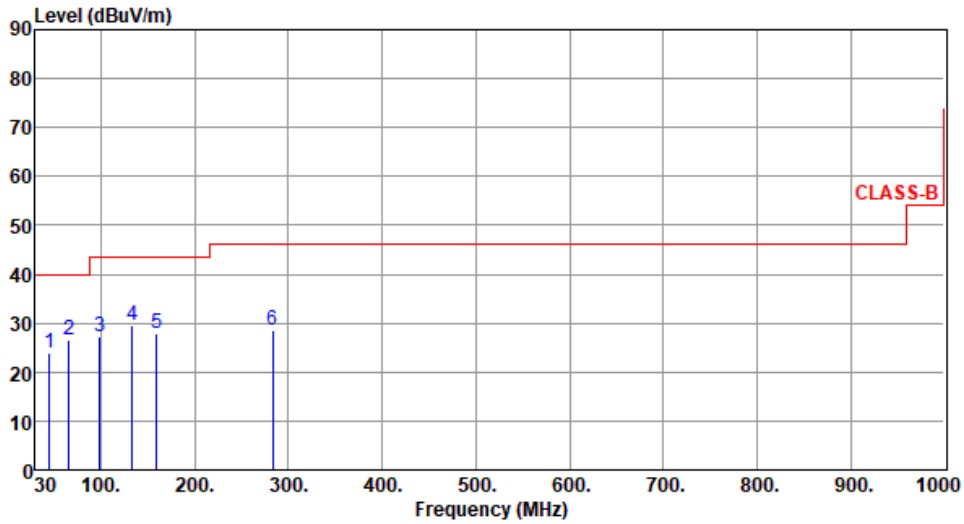


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	43.61	32.48	40.00	-7.52	41.47	-8.99	QP	100	43
2	51.42	30.96	40.00	-9.04	40.03	-9.07	Peak	---	---
3	77.58	26.93	40.00	-13.07	39.68	-12.75	Peak	---	---
4	99.71	27.45	43.50	-16.05	41.05	-13.60	Peak	---	---
5	132.75	32.63	43.50	-10.87	42.31	-9.68	Peak	---	---
6	204.46	27.53	43.50	-15.97	39.24	-11.71	Peak	---	---

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

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5795
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):23 Humidity(%):69

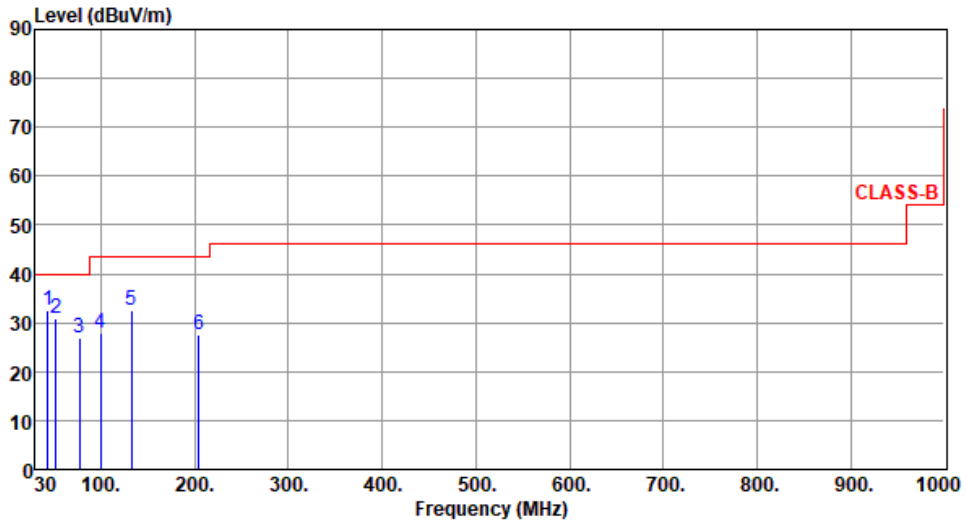


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	45.36	23.99	40.00	-16.01	32.85	-8.86	Peak	---	---
2	65.43	26.57	40.00	-13.43	36.79	-10.22	Peak	---	---
3	98.46	27.31	43.50	-16.19	41.17	-13.86	Peak	---	---
4	133.28	29.62	43.50	-13.88	39.24	-9.62	Peak	---	---
5	159.39	27.75	43.50	-15.75	36.14	-8.39	Peak	---	---
6	283.52	28.55	46.00	-17.45	37.05	-8.50	Peak	---	---

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

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5795
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):23 Humidity(%):69



	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	43.57	32.43	40.00	-7.57	41.42	-8.99	QP	100	44
2	51.56	30.75	40.00	-9.25	39.82	-9.07	Peak	---	---
3	77.48	26.85	40.00	-13.15	39.57	-12.72	Peak	---	---
4	99.63	27.75	43.50	-15.75	41.36	-13.61	Peak	---	---
5	132.48	32.54	43.50	-10.96	42.19	-9.65	Peak	---	---
6	204.37	27.48	43.50	-16.02	39.19	-11.71	Peak	---	---

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

3.6 Frequency Stability

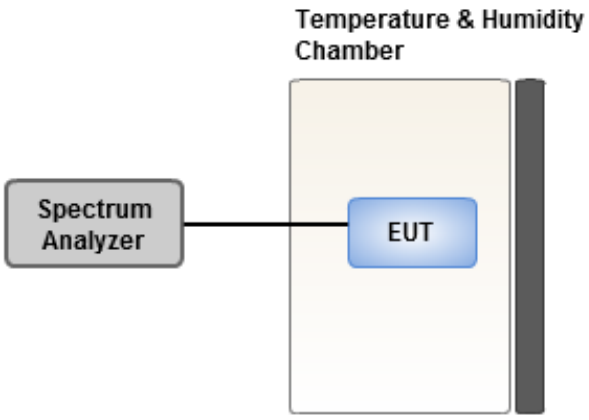
3.6.1 Limit of Frequency Stability

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.

3.6.2 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.

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability

Ambient Condition	17-18°C / 63-65%	Tested By	Aska Huang

Frequency: 5260 MHz	Frequency Drift (ppm)			
Temperature (ºC)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	0.40	0.83	0.11	0.65
T20°CVmin	1.34	1.49	1.42	1.63
T50°CVnom	-6.26	-6.70	-5.60	-6.31
T40°CVnom	-5.27	-5.37	-4.34	-5.22
T30°CVnom	-3.51	-3.03	-3.64	-3.22
T20°CVnom	0.37	-0.04	0.86	0.80
T10°CVnom	4.15	4.22	3.94	4.37
T0°CVnom	9.60	9.56	10.36	10.25
T-10°CVnom	13.29	13.42	14.11	13.47
T-20°CVnom	17.64	18.28	17.29	17.56
T-30°CVnom	19.52	19.28	19.52	19.41
Vnom [V]: 120		Vmax [V]: 138		Vmin [V]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (ºC)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	0.28	0.69	0.71	0.83
T20°CVmin	-0.12	-0.26	-0.59	-0.06
T50CVnom	-6.08	-6.03	-5.54	-6.06
T40°CVnom	-5.18	-5.17	-4.77	-4.77
T30°CVnom	-3.27	-3.28	-3.55	-3.18
T20°CVnom	-0.02	-0.06	0.21	-0.09
T10°CVnom	3.24	2.86	3.84	3.39
T0°CVnom	8.56	9.06	8.80	8.76
T-10°CVnom	11.93	12.09	11.74	12.53
T-20°CVnom	15.33	15.47	15.78	15.49
T-30°CVnom	18.25	18.47	18.67	18.87
Vnom [V]: 120		Vmax [V]: 138		Vmin [V]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification 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 http://www.icertifi.com.tw.

Linkou

Tel: 886-2-2601-1640

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

Kwei Shan

Tel: 886-3-271-8666

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

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

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 333, 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

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