FCC Test Report

FCC ID	:	**I8803891**
Equipment	:	**AXE5400 Tri-Band WiFi 6E Mesh System** **(Please refer to section 1.1.1 for more details)**
Model No.	:	**WSQ65** **(Please refer to section 1.1.1 for more details)**
Brand Name	:	**ZYXEL**
Applicant	:	**Zyxel Communications Corporation**
Address	:	**No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Sep. 13, 2022**
Tested Date	:	**Sep. 23 ~ Oct. 25, 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
FR291302AN	Rev. 01	Initial issue	Dec. 02, 2022

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.150MHz 59.10 (Margin -6.89dB) - QP	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 5150.00MHz 53.83 (Margin -0.17dB) - 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)	Conducted Output Power	Max Power [dBm]: ***Non-beamforming mode*** 5150~5250MHz: 25.02 5250~5350MHz: 23.57 5470~5725MHz: 23.60 5725~5850MHz: 26.64 ***Beamforming mode*** 5150~5250MHz: 22.01 5250~5350MHz: 20.56 5470~5725MHz: 20.59 5725~5850MHz: 22.88	Pass
15.407(a)	Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

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

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Product Name	Model	Description					
		DDR			Flash		
		Brand	Type	Size	Brand	Type	Size
AXE5400 Tri-Band WiFi 6E Mesh System	WSQ65	Kingston	D2516ECMDXGJD	512MB	MXIC	MX35UF1G24AD-Z4I	128MB
WiFi Mesh System	WSQ63						
Security Router	SCR 50AXE	ESMT	M15T8G16512A-DEBG2S	1024MB	Winbond	W25N02KWZEIR	256MB

Note 1: The variation of WSQ65 and WSQ63 is for strategy of marketing. The circuit of each model is identical. Model **WSQ65** was selected as a representative for the final test and only its data was recorded in this report.
Note 2:
CPU Model No: IPQ5018
2.4G Chip Model: IPQ5018
5G Chip Model: QCN6102
6G Chip Model: QCN6122

1.1.2 Specification of the Equipment under Test (EUT)

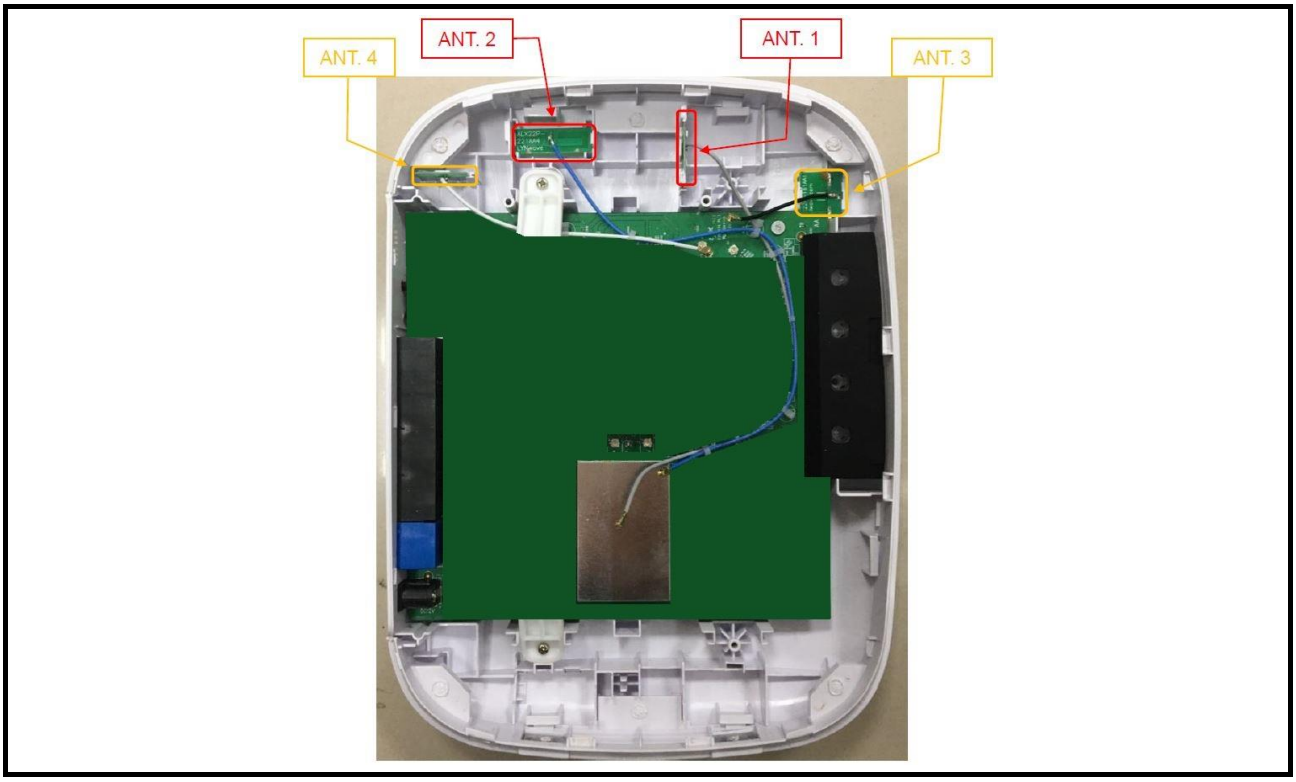
RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	2	6-54 Mbps
5150-5250 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]	2	MCS 0-15
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]	2	MCS 0-15
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]	2	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]	2	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]	2	MCS 0-9
5150-5250 5250-5350 5500-5700	ac (VHT160)	5250 5570	50 [1] 114 [1]	2	MCS 0-11
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]	2	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]	2	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]	2	MCS 0-11
5150-5250 5250-5350 5500-5700	ax (HE160)	5250 5570	50 [1] 114 [1]	2	MCS 0-11
Note 1: BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation. Note 2: 802.11n/ac/ax supports beamforming function.					

1.1.3 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Gain (dBi)				
					2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	LYNwave	ALX22P-221AA4-00	Dipole	MHF compatible	2	2.3	2.9	2.6	2
2	LYNwave	ALX22P-221AA4-01	Dipole	MHF compatible	2	2.8	3.2	2.9	2.5

Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Gain (dBi)			
					5925~6425	6425~6525	6525~6875	6875~7125
3	LYNwave	ALX22P-161AA1-00	Dipole	MHF compatible	3	4.7	3.5	3.2
4	LYNwave	ALX22P-161AA2-00	Dipole	MHF compatible	3.5	3.3	3.4	3

1.1.4 Antenna Port Location



1.1.5 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	12Vdc from AC adapter

1.1.6 Accessories

Accessories		
No.	**Equipment**	**Description**
1	AC adapter	Brand: DVE Model: DSA-24PFS-12 FCA 120200 I/P: 100-240Vac, 50/60Hz, 0.8A O/P: 12V⎓2.0A, 24.0W Power Line: DC 1.5m non-shielded without core
2	Ethernet Cable	1.5m non-shielded without core

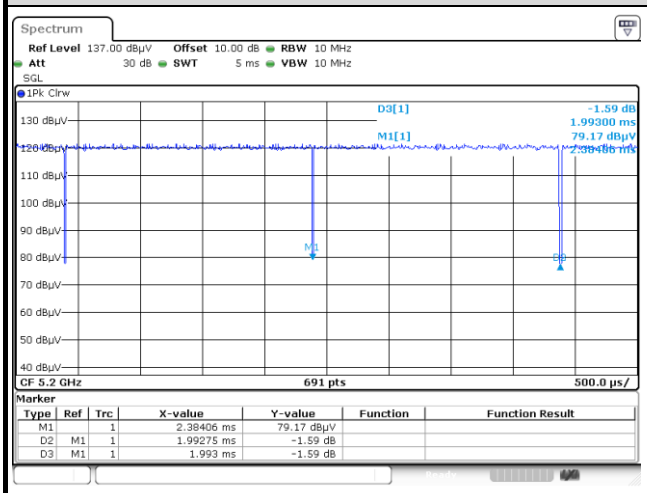
1.1.7 Channel List

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	**ac VHT160 / ax HE160**	
149	5745	50	5250
153	5765	114	5570
157	5785	---	---
161	5805	---	---
165	5825	---	---

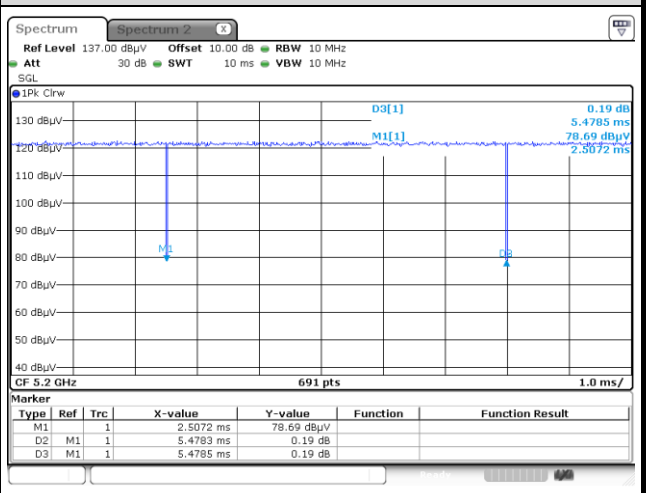
1.1.8 Test Tool and Duty Cycle

Test Tool	QSPR, V5.0.0-00197		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11a	99.99%	0.00
	ax HE20	100.00%	0.00
	ax HE40	99.99%	0.00
	ax HE80	99.99%	0.00
	ax HE160	99.99%	0.00

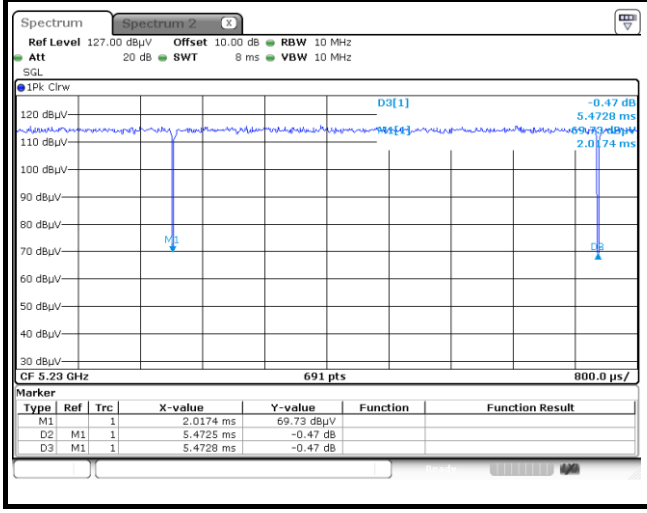
11a



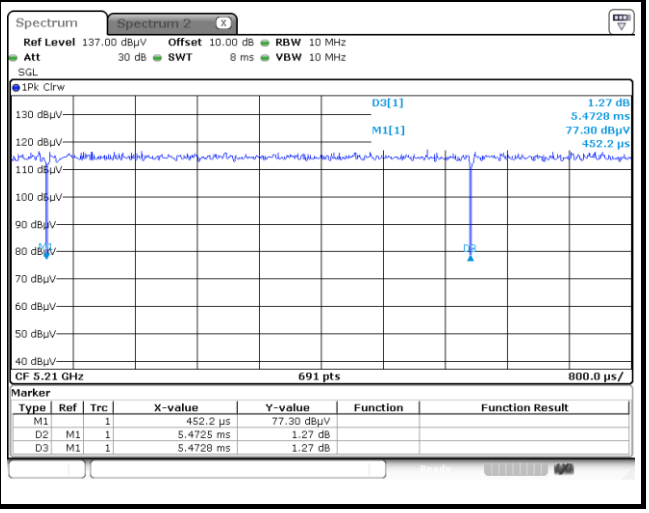
ax HE20

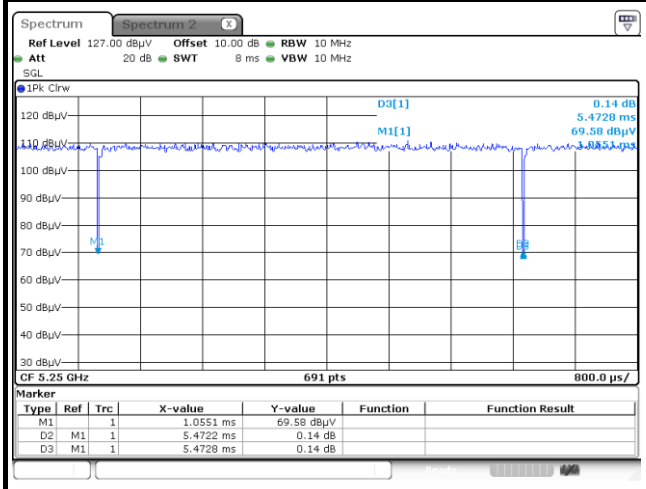


ax HE40



ax HE80



ax HE160	-
	-

Spectrum
Spectrum 2
Ref Level 127.00 dBµV Offset 10.00 dB RBW 10 MHz
Att 20 dB SWT 8 ms VBW 10 MHz
SGL
1Pk Clrw
D3[1] 0.14 dB
5.4728 ms
M1[1] 69.58 dBµV
3.9851 µs
120 dBµV
110 dBµV
100 dBµV
90 dBµV
80 dBµV
70 dBµV
60 dBµV
50 dBµV
40 dBµV
30 dBµV
CF 5.25 GHz
691 pts
800.0 µs/
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 1.0551 ms 69.58 dBµV
D2 M1 1 5.4722 ms 0.14 dB
D3 M1 1 5.4728 ms 0.14 dB

1.1.9 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	18.5
11a	5200	19
11a	5240	19
11a	5260	17.5
11a	5300	17.5
11a	5320	17.5
11a	5500	17.5
11a	5580	17.5
11a	5700	18.5
11a	5745	23
11a	5785	23
11a	5825	23
ax HE20	5180	20
ax HE20	5200	21
ax HE20	5240	21
ax HE20	5260	18.5
ax HE20	5300	18.5
ax HE20	5320	18.5
ax HE20	5500	18.5
ax HE20	5580	18.5
ax HE20	5700	19
ax HE20	5745	23
ax HE20	5785	23
ax HE20	5825	23

Modulation Mode	Test Frequency (MHz)	Power Index
ax HE40	5190	19.5
ax HE40	5230	21
ax HE40	5270	19
ax HE40	5310	19
ax HE40	5510	18
ax HE40	5590	19.5
ax HE40	5670	20
ax HE40	5755	21.5
ax HE40	5795	23
ax HE80	5210	18
ax HE80	5290	19.5
ax HE80	5530	19
ax HE80	5610	19.5
ax HE80	5775	20.5
ax HE160	5250	18
ax HE160	5570	19.5

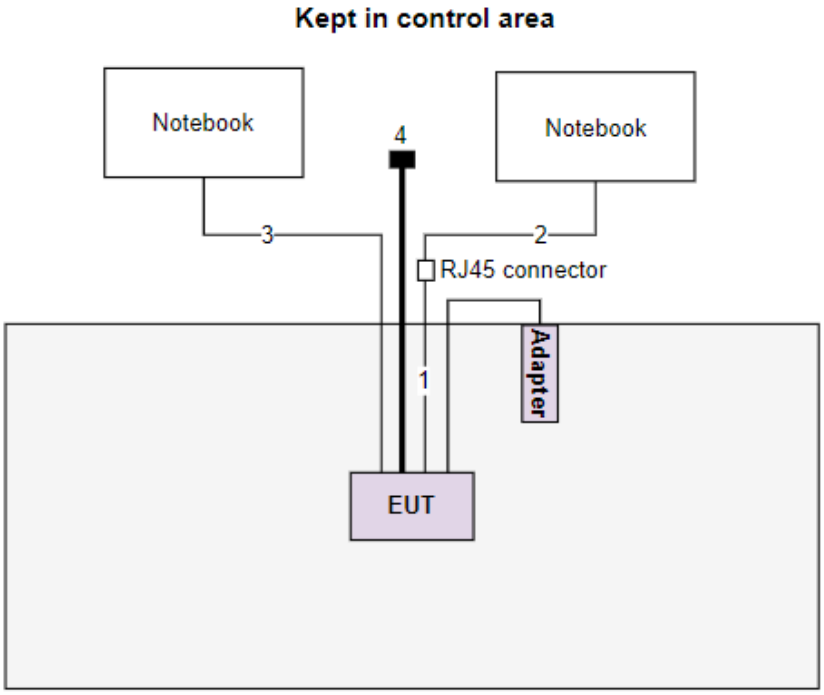
Modulation Mode	Test Frequency (MHz)	Power Index
11a	5720	18.5
ax HE20	5720	19
ax HE40	5710	20
ax HE80	5690	20

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Notebook	DELL	Latitude E5470	DZSHVF2	---
2	Notebook	DELL	Latitude 5400	9TYCM33	---
3	RJ45 Load	ICC	RJ45 Load	---	---
4	RJ45 Connector	ICC	RJ45 Connector	---	---
5	RJ45 cable (x3)	ICC	RJ45-1.3m	---	---
6	RJ45 cable (x2)	ICC	RJ45-10m	---	---

1.3 Test Setup Chart

Test Setup Diagram



No.	Signal cable / Length (m)
1	Ethernet, 1.5m non-shielded.
2-3	RJ45, 10m non-shielded.
4	RJ45, 1.3m(x3) non-shielded with load.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Oct. 11, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 16, 2022	Feb. 15, 2023
LISN	R&S	ENV216	101579	Apr. 21, 2022	Apr. 20, 2023
LISN (Support Unit)	SCHWARZBECK	NSLK 8127	8127667	Jan .07, 2022	Jan .06, 2023
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 19, 2021	Oct. 18, 2022
50 ohm terminal (Support Unit)	NA	50	04	May 10, 2022	May 09, 2023
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	Sep. 23 ~ Sep. 29, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 15, 2022	Mar. 14, 2023
Spectrum Analyzer	R&S	FSV40	101499	Mar. 08, 2022	Mar. 07, 2023
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 08, 2021	Nov. 07, 2022
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jun. 28, 2022	Jun. 27, 2023
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 9170508	Jan. 11, 2022	Jan. 10, 2023
Preamplifier	EMC	EMC02325	980187	Jul. 16, 2022	Jul. 15, 2023
Preamplifier	EMC	EMC184045SE	980897	Aug. 01, 2022	Jul. 31, 2023
Preamplifier	EMC	EMC184045SE	980903	Jul. 16, 2022	Jul. 15, 2023
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. 23, 2022	Sep. 22, 2023
LF cable-3M	EMC	EMC8D-NM-NM-300 0	131103	Sep. 23, 2022	Sep. 22, 2023
LF cable-13M	EMC	EMC8D-NM-NM-130 00	131104	Sep. 23, 2022	Sep. 22, 2023
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 23, 2022	Sep. 22, 2023
RF cable-8M	EMC	EMC104-SM-SM-80 00	181107	Sep. 23, 2022	Sep. 22, 2023
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	Oct. 20 ~ Oct. 25, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2022	Apr. 17, 2023
Power Meter	Anritsu	ML2495A	1241002	Nov. 07, 2021	Nov. 06, 2022
Power Sensor	Anritsu	MA2411B	1207366	Nov. 07, 2021	Nov. 06, 2022
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 22, 2022	Jun. 21, 2023
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 03, 2021	Dec. 02, 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
Unwanted Emission ≤ 1GHz	±3.96 dB
Unwanted Emission > 1GHz	±4.51 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#: 10807C
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
Non-beamforming mode				
AC Power Line Conducted Emissions	ax HE40	5230	MCS 0	---
Unwanted Emissions ≤1GHz	ax HE40	5230	MCS 0	---
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	---
	ax HE20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	ax HE40	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	ax HE80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
	ax HE160	5250 / 5570	MCS 0	
Frequency Stability	Un-modulation	5300	---	---
Beamforming mode				
Conducted Output Power	ax HE20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	---
	ax HE40	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	ax HE80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
	ax HE160	5250 / 5570	MCS 0	

NOTE:
1. Two models (WSQ65 & SCR 50AXE) had been covered during the pretest and found that **model WSQ65** was the worst case and was selected for final testing.

Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
Non-beamforming mode				
AC Power Line Conducted Emissions	11a	5785	6 Mbps	---
Unwanted Emissions ≤1GHz	11a	5785	6 Mbps	---
Unwanted Emissions >1GHz	11a	5745 / 5785 / 5825	6 Mbps	---
Conducted Output Power Emission Bandwidth 6dB bandwidth Power Spectral Density	ax HE20	5745 / 5785 / 5825	MCS 0	
	ax HE40	5755 / 5795	MCS 0	
	ax HE80	5775	MCS 0	
Frequency Stability	Un-modulation	5785	---	---
Beamforming mode				
Conducted Output Power	ax HE20	5745 / 5785 / 5825	MCS 0	---
	ax HE40	5755 / 5795	MCS 0	
	ax HE80	5775	MCS 0	

NOTE:
1. Two models (WSQ65 & SCR 50AXE) had been covered during the pretest and found that **model WSQ65** was the worst case and was selected for final testing.

3 Transmitter Test Results

3.1 Emission Bandwidth

3.1.1 Limit of Emission Bandwidth

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

3.1.2 Test Procedures

26dB Bandwidth

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

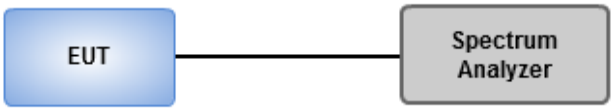
Occupied Bandwidth

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

6dB Bandwidth

1. Set RBW = 100kHz, VBW = 300kHz.
2. Detector = Peak,Trace mode = max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	22~24°C / 64~67%	**Tested By**	Aska Huang

Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted 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.		

3.2.2 Test Procedures

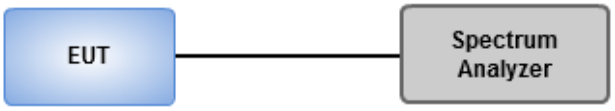
Method PM-G (Measurement using a gated RF average power meter)

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

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%).

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	22~24°C / 64~67%	Tested By	Aska Huang

Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of 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

3.3.2 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

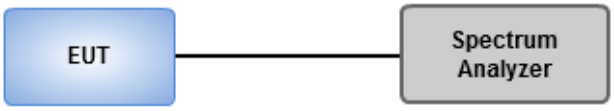
Duty cycle ≥ 98 %

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.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	22~24°C / 64~67%	Tested By	Aska Huang

Refer to Appendix C.

3.4 Unwanted Emissions

3.4.1 Limit of Unwanted Emissions

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 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).	

3.4.2 Test Procedures

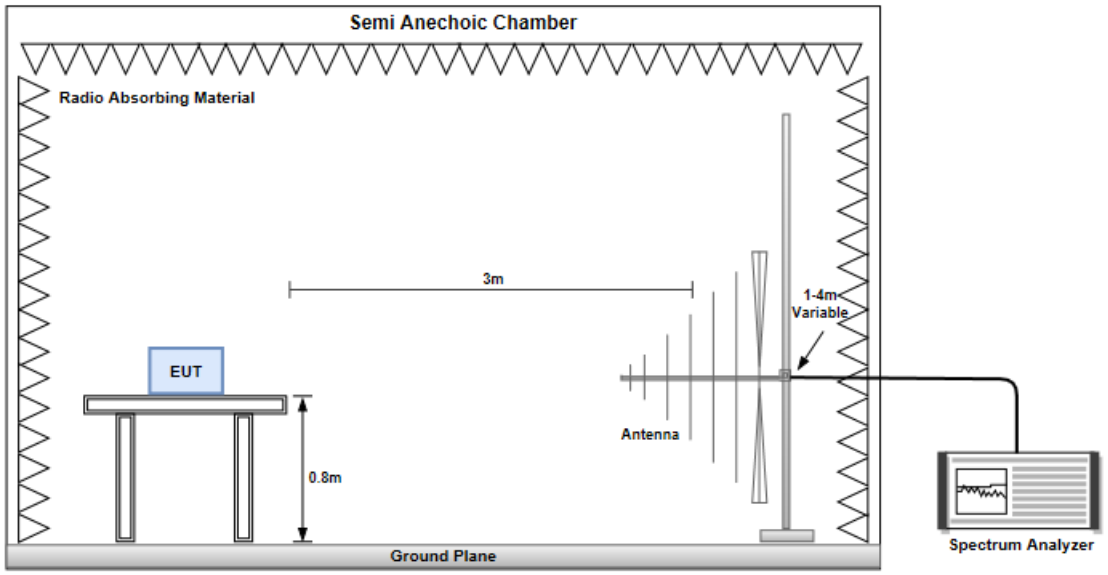
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

Note:

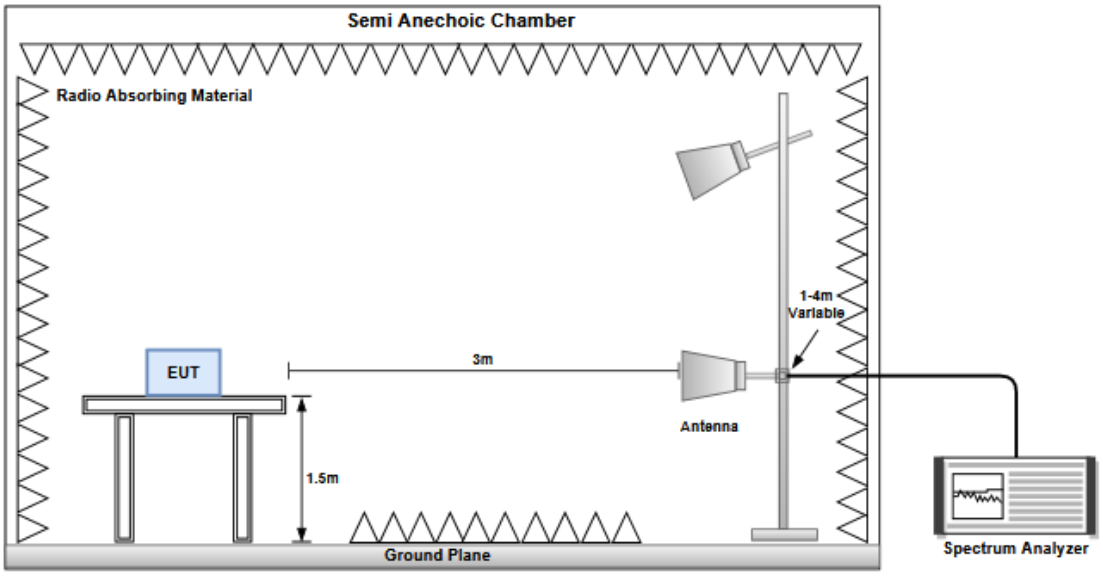
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

Unwanted Emissions below 1 GHz



Unwanted Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Frequency Stability

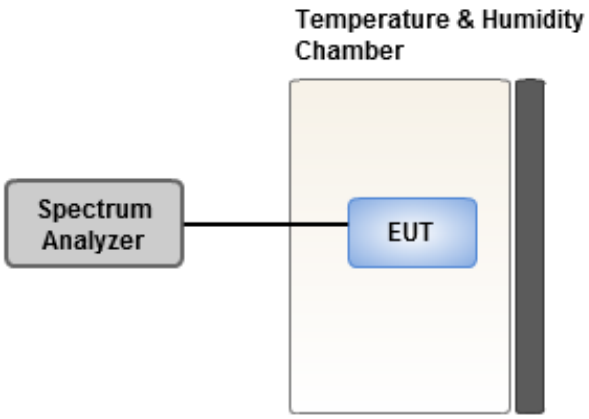
3.5.1 Limit of Frequency Stability

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

3.5.2 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 20 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under normal and extreme condition for temperature and voltage.

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	22~24°C / 64~67%	**Tested By**	Aska Huang

Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

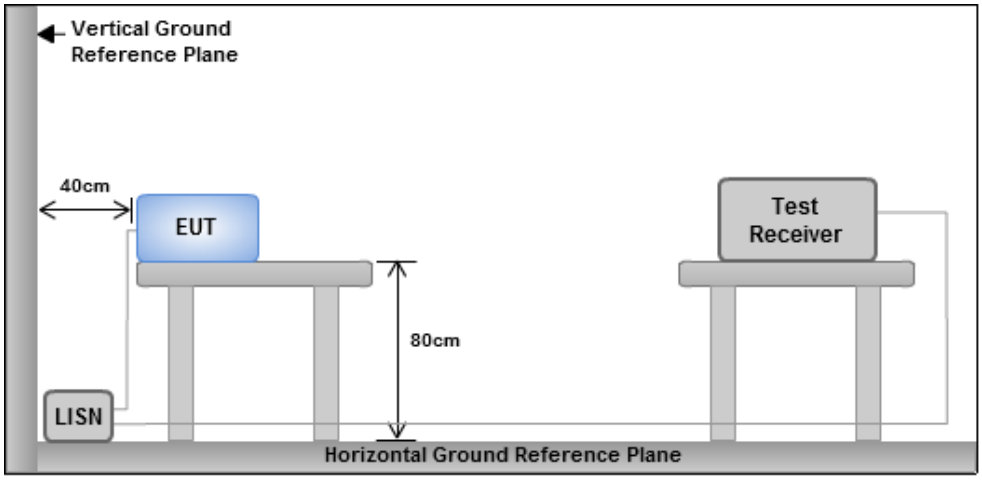
3.6.1 Limit of AC Power Line Conducted Emissions

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

3.6.2 Test Procedures

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

3.6.3 Test Setup



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

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

3.6.4 Test Results

Refer to Appendix F.

4 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

==END==

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)_2TX	19.56M	16.312M	16M4D1D	18.78M	16.312M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.15M	18.861M	18M9D1D	20.76M	18.831M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.32M	37.841M	37M9D1D	40.02M	37.661M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.96M	76.882M	76M9D1D	80.76M	76.762M
802.11ax HEW160_Nss2,(MCS0)_2TX	81.6M	78.041M	78M0D1D	81.44M	78.041M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.55M	16.342M	16M4D1D	18.93M	16.312M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.51M	18.891M	18M9D1D	20.73M	18.831M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.44M	37.721M	37M8D1D	40.02M	37.601M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.48M	76.882M	76M9D1D	81.24M	76.762M
802.11ax HEW160_Nss2,(MCS0)_2TX	81.84M	78.201M	78M3D1D	81.68M	78.201M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.8M	16.312M	16M4D1D	14.46M	13.133M
802.11ax HEW20_Nss2,(MCS0)_2TX	20.97M	18.861M	18M9D1D	15.435M	14.393M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.5M	37.721M	37M8D1D	35.21M	33.688M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.48M	76.882M	76M9D1D	75.75M	72.789M
802.11ax HEW160_Nss2,(MCS0)_2TX	164.4M	154.963M	155MD1D	163.92M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.12M	16.342M	16M4D1D	3.1M	3.618M
802.11ax HEW20_Nss2,(MCS0)_2TX	18.51M	18.921M	19M0D1D	4.3M	4.598M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.74M	37.961M	38M0D1D	3.94M	4.158M
802.11ax HEW80_Nss2,(MCS0)_2TX	72.36M	76.762M	76M8D1D	3.98M	4.418M

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 / Minimum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

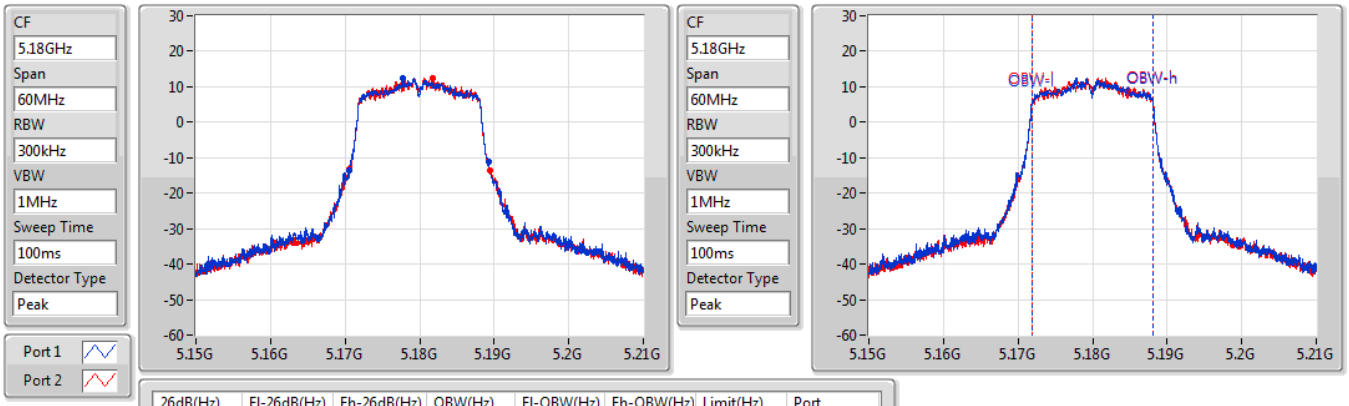
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.78M	16.312M	18.87M	16.312M
5200MHz	Pass	Inf	19.56M	16.312M	18.93M	16.312M
5240MHz	Pass	Inf	19.05M	16.312M	18.87M	16.312M
5260MHz	Pass	Inf	19.53M	16.312M	18.93M	16.342M
5300MHz	Pass	Inf	20.55M	16.312M	18.96M	16.342M
5320MHz	Pass	Inf	19.5M	16.312M	19.41M	16.312M
5500MHz	Pass	Inf	19.65M	16.312M	18.78M	16.312M
5580MHz	Pass	Inf	19.8M	16.312M	19.44M	16.312M
5700MHz	Pass	Inf	19.56M	16.312M	19.53M	16.312M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.195M	13.133M	14.46M	13.133M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.658M	3.1M	3.618M
5745MHz	Pass	500k	15M	16.312M	15.09M	16.312M
5785MHz	Pass	500k	14.97M	16.312M	15.12M	16.342M
5825MHz	Pass	500k	14.97M	16.342M	15.03M	16.342M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.91M	18.861M	20.76M	18.861M
5200MHz	Pass	Inf	21.15M	18.861M	20.82M	18.861M
5240MHz	Pass	Inf	20.85M	18.831M	20.94M	18.861M
5260MHz	Pass	Inf	21.09M	18.861M	20.85M	18.861M
5300MHz	Pass	Inf	20.88M	18.831M	20.73M	18.861M
5320MHz	Pass	Inf	21.51M	18.861M	20.97M	18.891M
5500MHz	Pass	Inf	20.67M	18.861M	20.67M	18.861M
5580MHz	Pass	Inf	20.94M	18.861M	20.64M	18.861M
5700MHz	Pass	Inf	20.85M	18.861M	20.97M	18.861M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.435M	14.393M	15.585M	14.438M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.3M	4.618M	4.38M	4.598M
5745MHz	Pass	500k	15.06M	18.861M	18.51M	18.891M
5785MHz	Pass	500k	13.74M	18.861M	17.34M	18.891M
5825MHz	Pass	500k	16.77M	18.921M	16.32M	18.921M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.32M	37.661M	40.26M	37.721M
5230MHz	Pass	Inf	40.32M	37.721M	40.02M	37.841M
5270MHz	Pass	Inf	40.26M	37.661M	40.14M	37.721M
5310MHz	Pass	Inf	40.44M	37.721M	40.02M	37.601M
5510MHz	Pass	Inf	40.14M	37.661M	40.32M	37.601M
5590MHz	Pass	Inf	40.2M	37.661M	40.02M	37.721M
5670MHz	Pass	Inf	40.14M	37.661M	40.5M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.28M	33.688M	35.21M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.158M	3.94M	4.178M
5755MHz	Pass	500k	36.84M	37.721M	34.62M	37.661M
5795MHz	Pass	500k	37.74M	37.781M	34.98M	37.961M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.96M	76.882M	80.76M	76.762M
5290MHz	Pass	Inf	81.48M	76.762M	81.24M	76.882M
5530MHz	Pass	Inf	81.48M	76.882M	81.12M	76.642M
5610MHz	Pass	Inf	81.24M	76.762M	81.12M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	72.864M	75.75M	72.789M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.418M	4.06M	4.458M
5775MHz	Pass	500k	72.36M	76.762M	64.32M	76.762M
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.6M	78.041M	81.44M	78.041M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.68M	78.201M	81.84M	78.201M
5570MHz	Pass	Inf	164.4M	154.963M	163.92M	154.963M

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)_2TX **EBW**

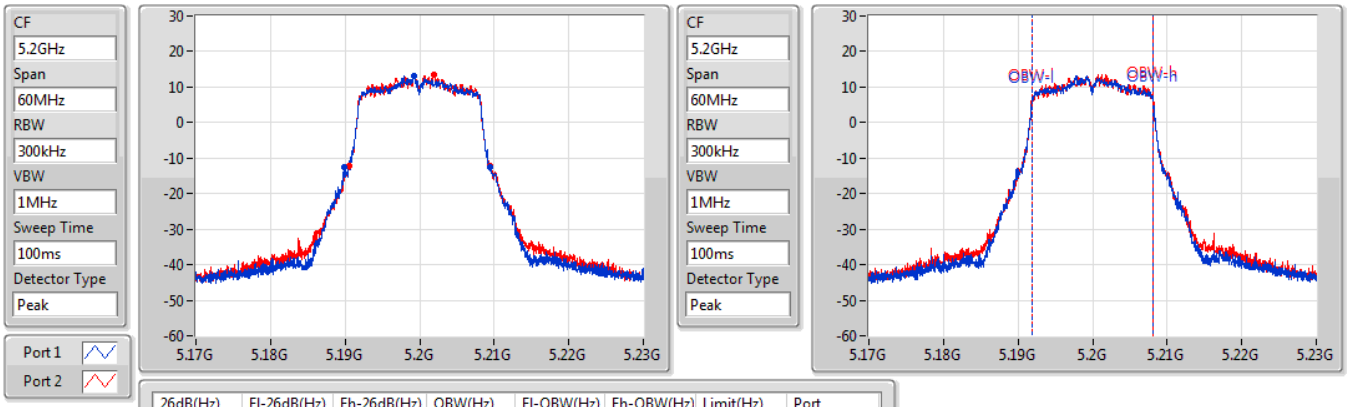
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.78M	5.17052G	5.1893G	16.312M	5.171814G	5.188126G	Inf	1
18.87M	5.17058G	5.18945G	16.312M	5.171814G	5.188126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

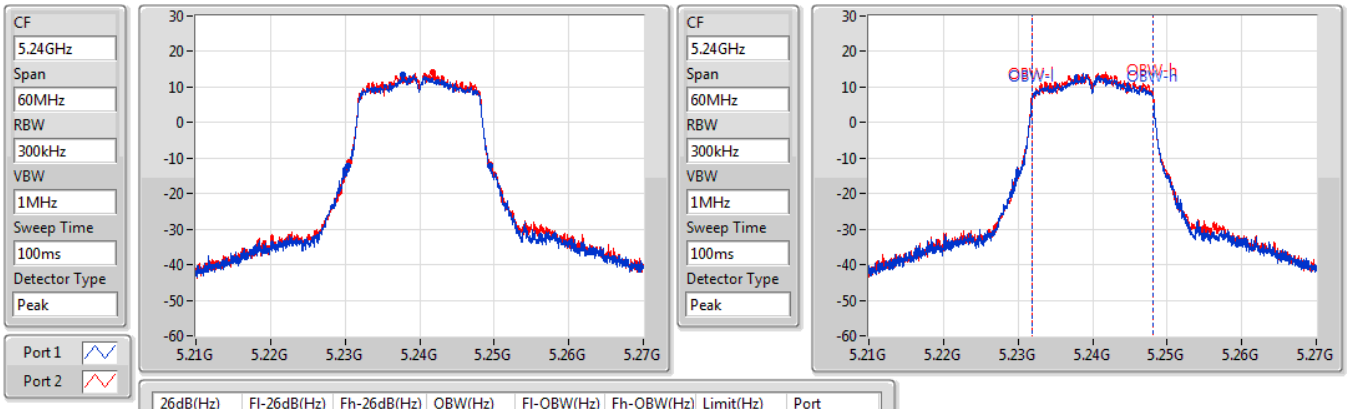
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.56M	5.18986G	5.20942G	16.312M	5.191844G	5.208156G	Inf	1
18.93M	5.19055G	5.20948G	16.312M	5.191814G	5.208126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

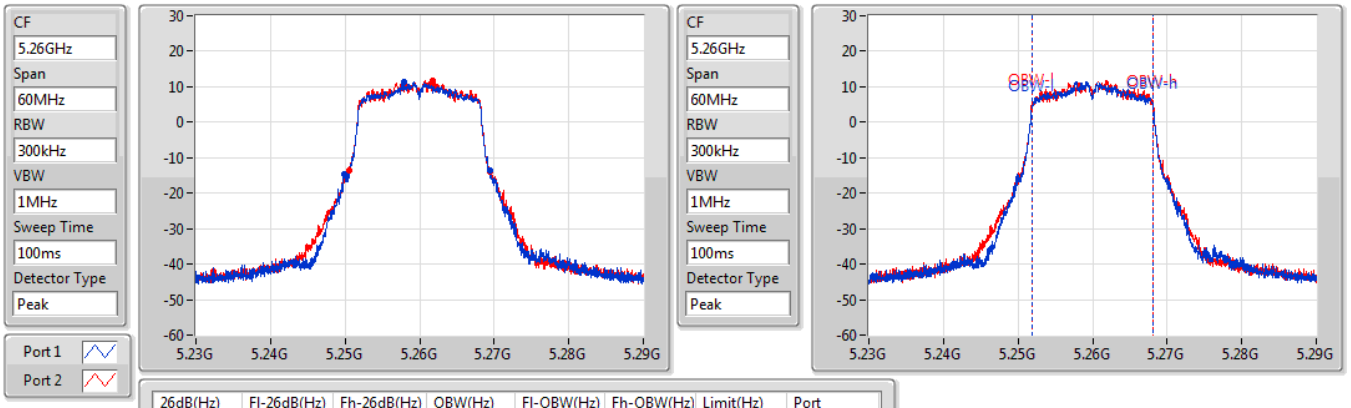
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.23031G	5.24936G	16.312M	5.231844G	5.248156G	Inf	1
18.87M	5.23058G	5.24945G	16.312M	5.231814G	5.248126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

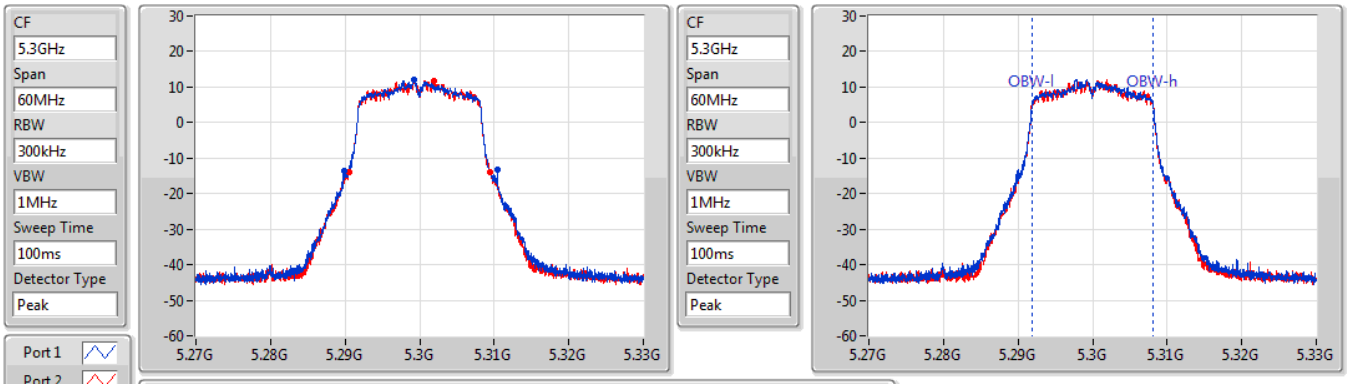
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.24986G	5.26939G	16.312M	5.251844G	5.268156G	Inf	1
18.93M	5.25055G	5.26948G	16.342M	5.251814G	5.268156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

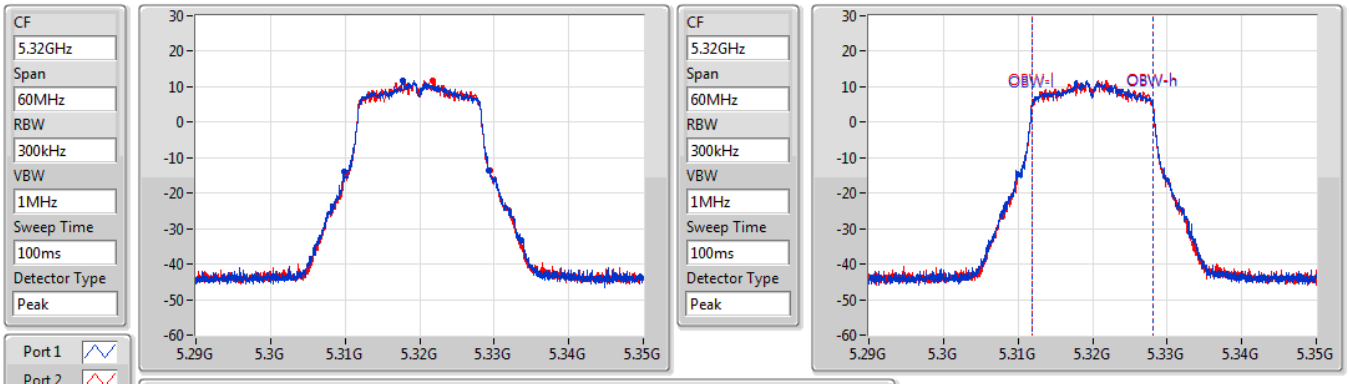
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.28986G	5.31041G	16.312M	5.291844G	5.308156G	Inf	1
18.96M	5.29049G	5.30945G	16.342M	5.291814G	5.308156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

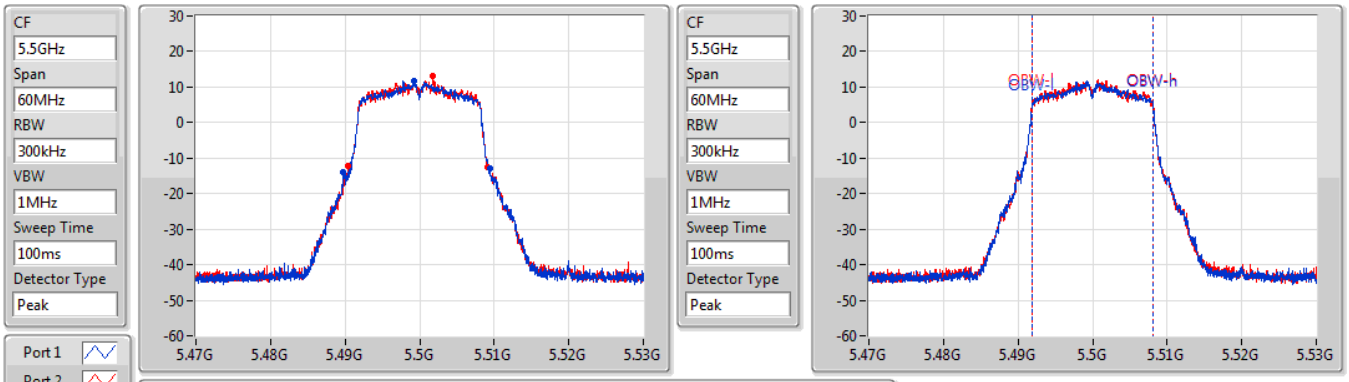
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.5M	5.30983G	5.32933G	16.312M	5.311814G	5.328126G	Inf	1
19.41M	5.30998G	5.32939G	16.312M	5.311814G	5.328126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

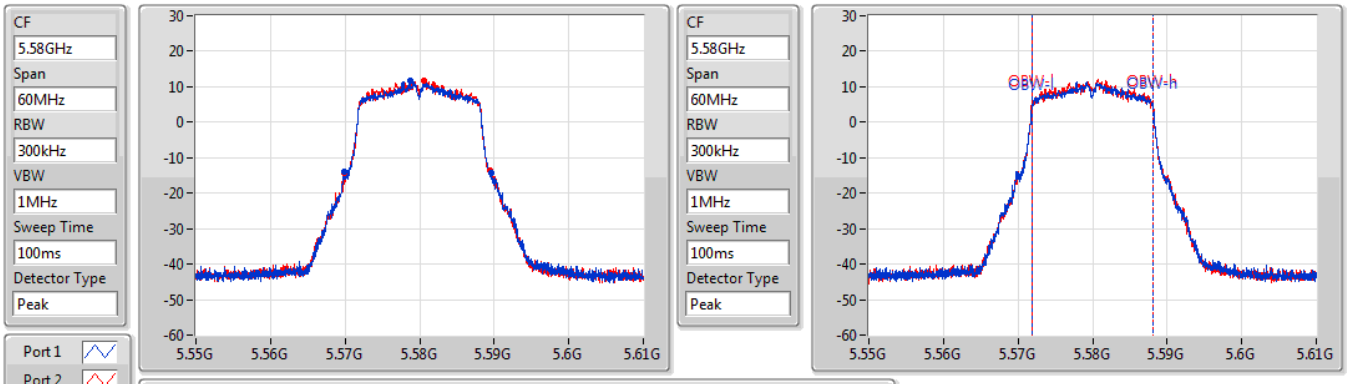
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.4898G	5.50945G	16.312M	5.491844G	5.508156G	Inf	1
18.78M	5.4904G	5.50918G	16.312M	5.491844G	5.508156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

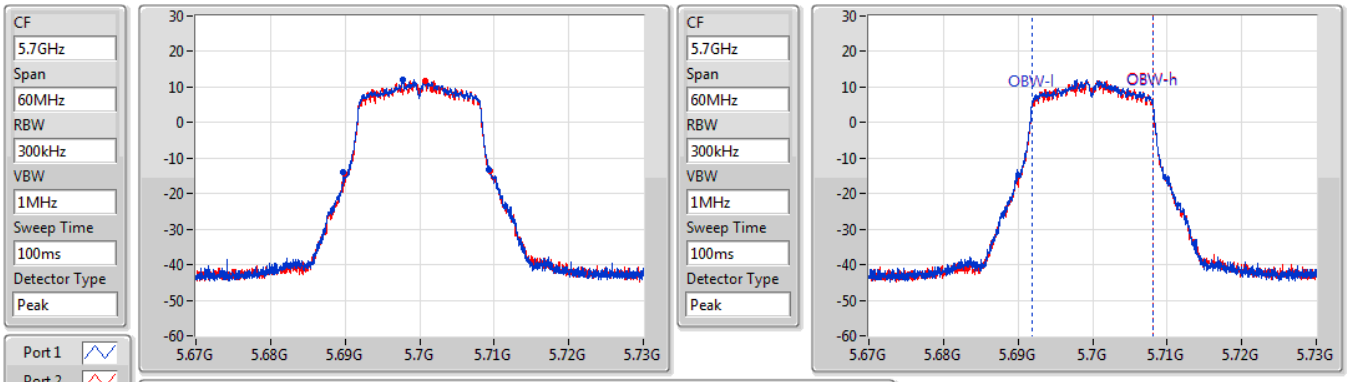
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.8M	5.56983G	5.58963G	16.312M	5.571814G	5.588126G	Inf	1
19.44M	5.56995G	5.58939G	16.312M	5.571814G	5.588126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

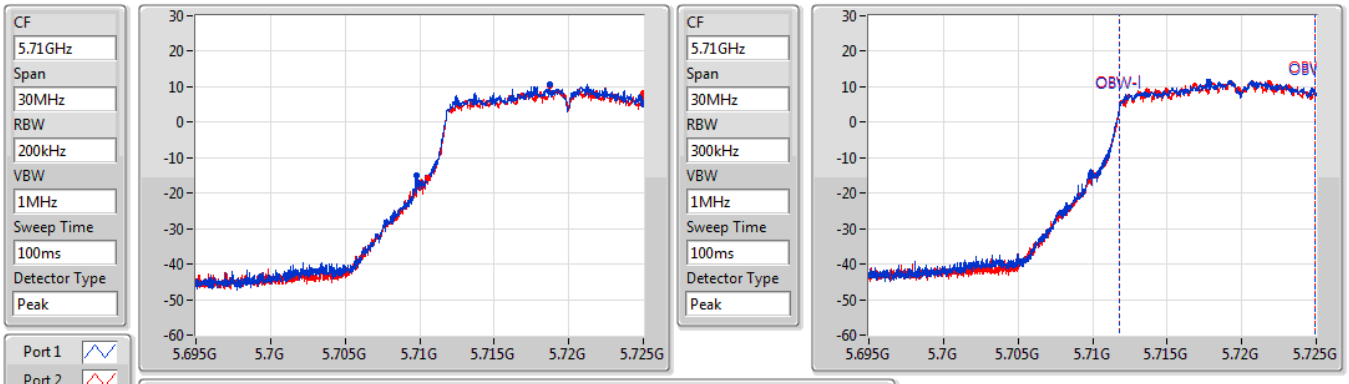
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.56M	5.68977G	5.70933G	16.312M	5.691814G	5.708126G	Inf	1
19.53M	5.68989G	5.70942G	16.312M	5.691814G	5.708126G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

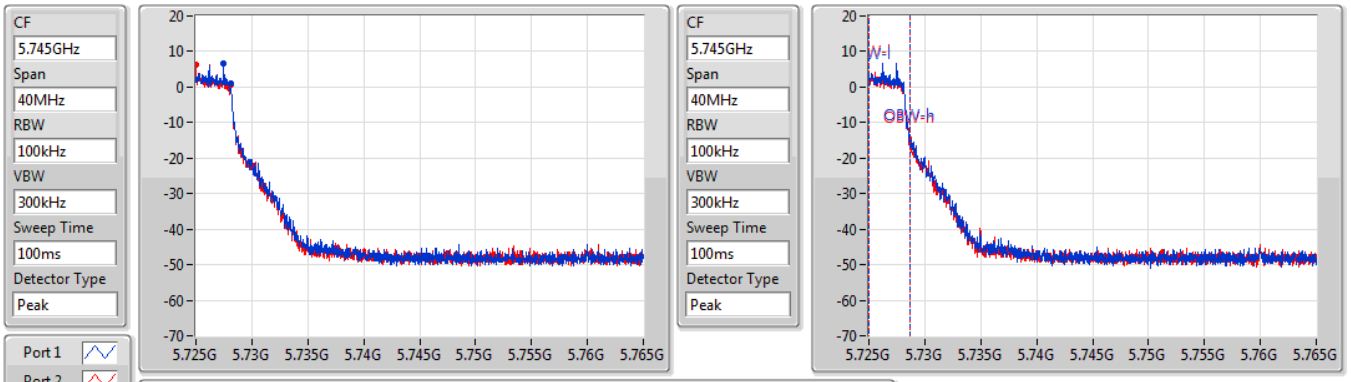
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.195M	5.709805G	5.725G	13.133M	5.711769G	5.724903G	Inf	1
14.46M	5.71054G	5.725G	13.133M	5.711784G	5.724918G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

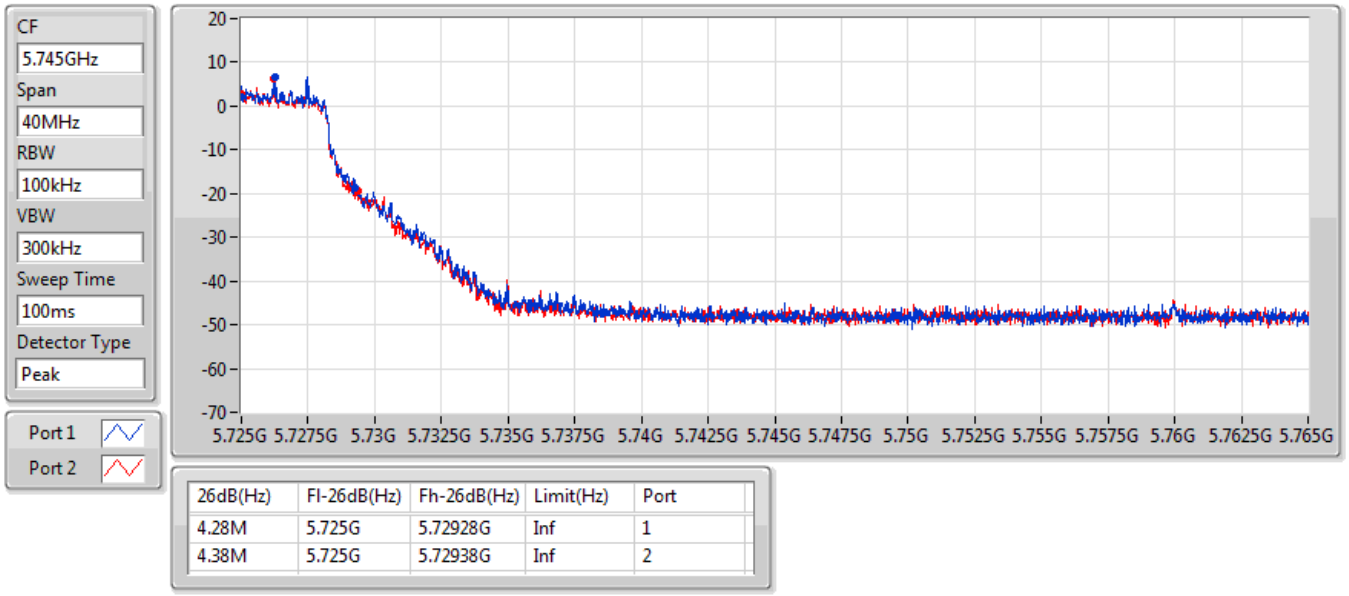
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.658M	5.72501G	5.728668G	500k	1
3.1M	5.725G	5.7281G	3.618M	5.72501G	5.728628G	500k	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

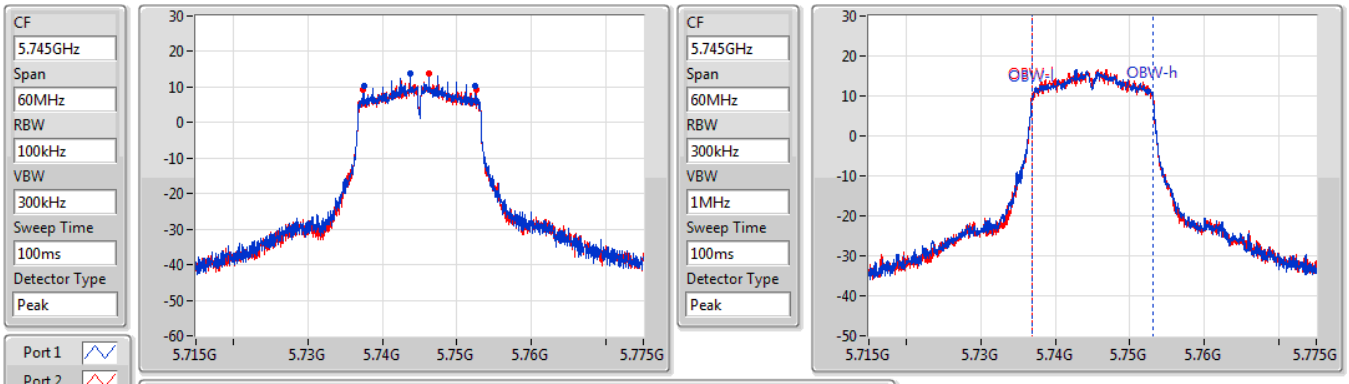
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.28M	5.725G	5.72928G	Inf	1
4.38M	5.725G	5.72938G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

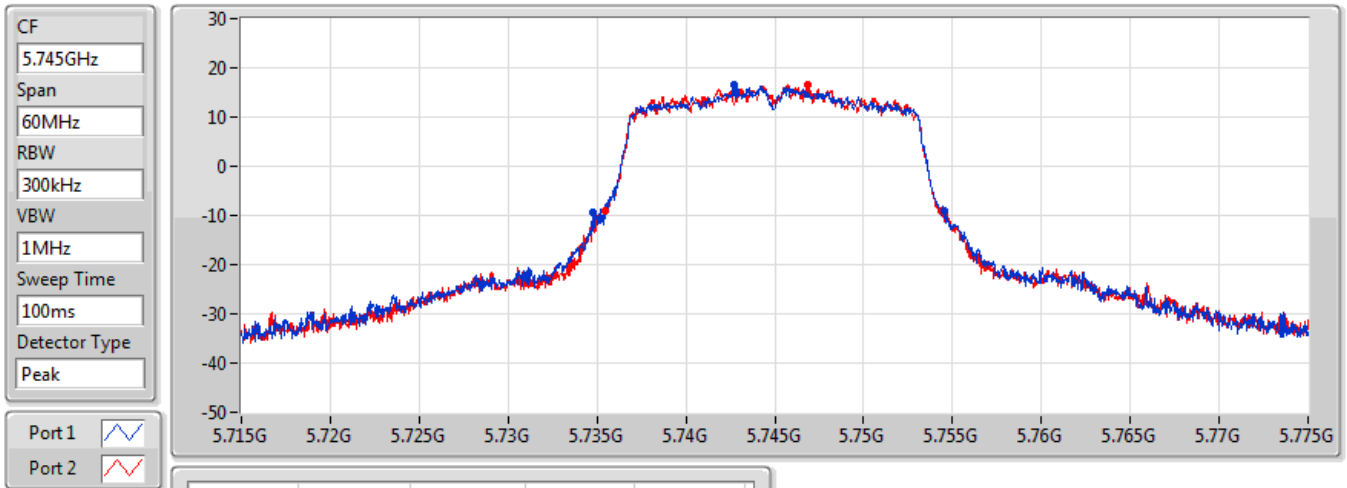
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	5.7375G	5.7525G	16.312M	5.736814G	5.753126G	500k	1
15.09M	5.73744G	5.75253G	16.312M	5.736814G	5.753126G	500k	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

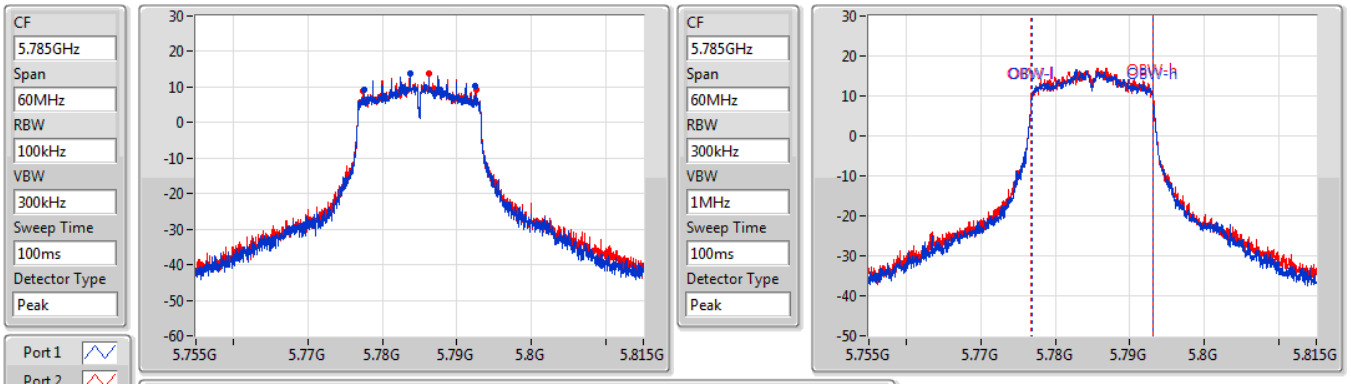
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.74M	5.73477G	5.75451G	Inf	1
18.9M	5.73549G	5.75439G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

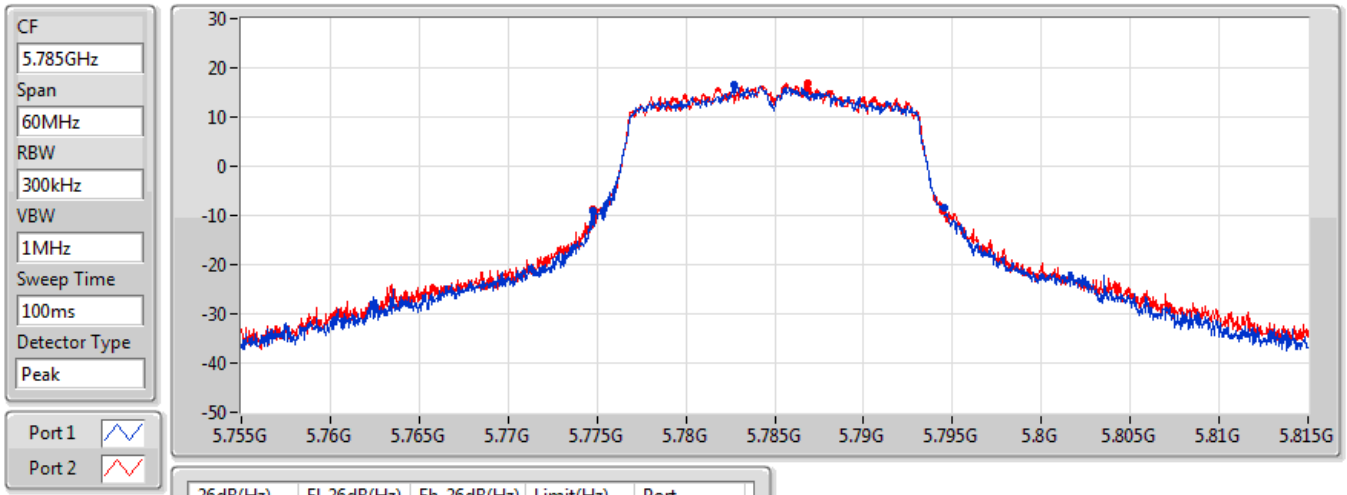
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.97M	5.77753G	5.7925G	16.312M	5.776814G	5.793126G	500k	1
15.12M	5.77741G	5.79253G	16.342M	5.776784G	5.793126G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

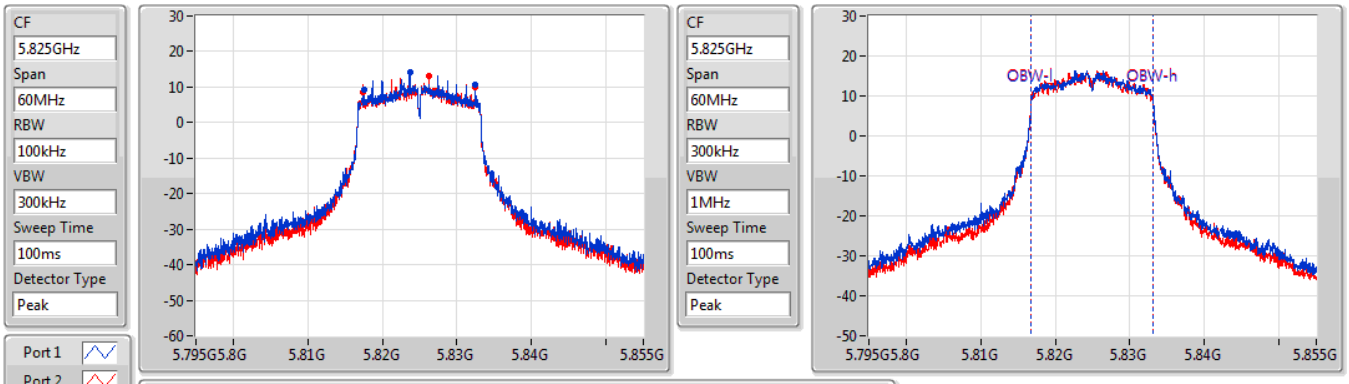
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.83M	5.77474G	5.79457G	Inf	1
19.68M	5.7748G	5.79448G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

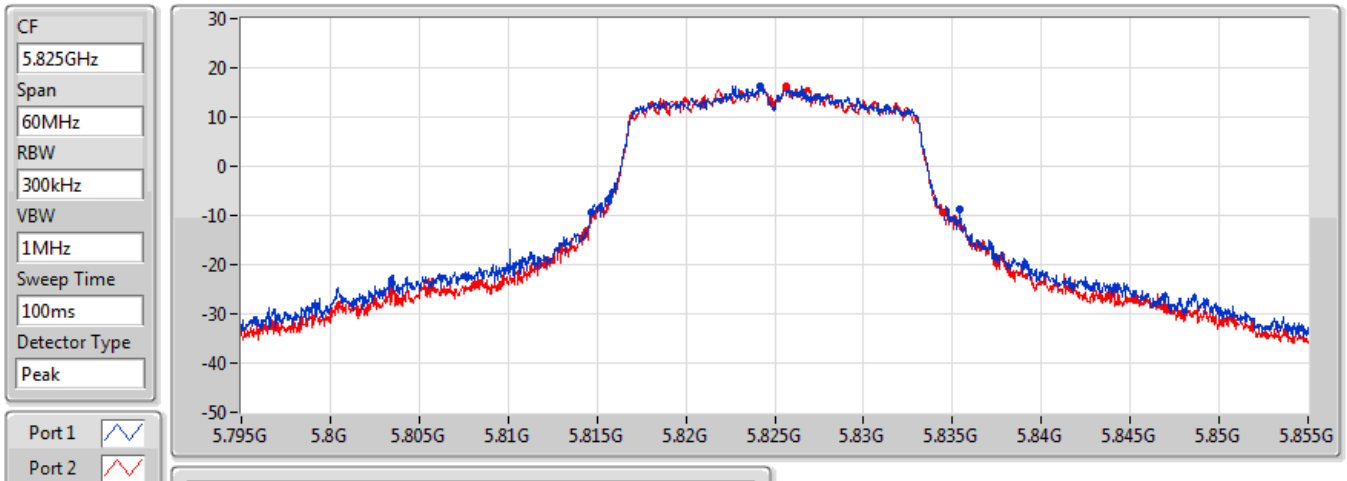
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.97M	5.81753G	5.8325G	16.342M	5.816784G	5.833126G	500k	1
15.03M	5.81741G	5.83244G	16.342M	5.816784G	5.833126G	500k	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

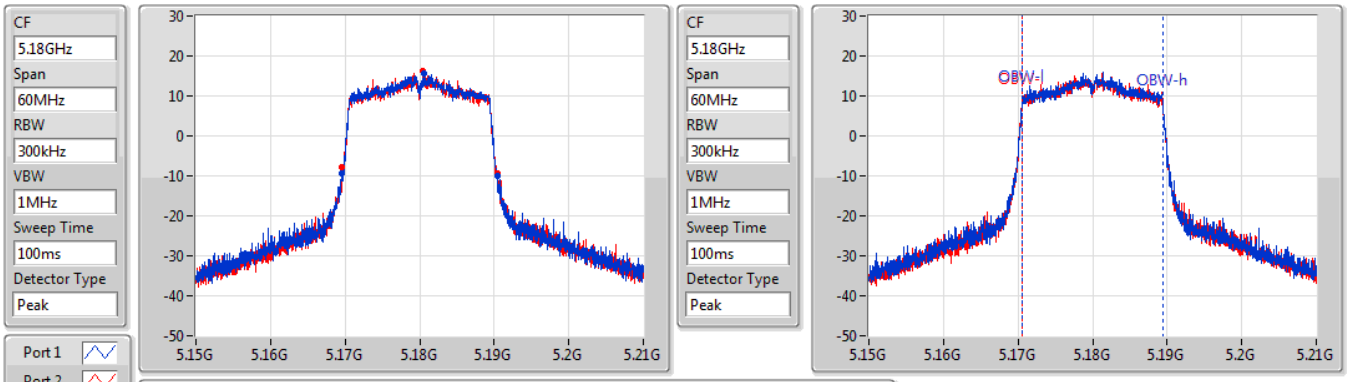
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.79M	5.81465G	5.83544G	Inf	1
19.74M	5.81474G	5.83448G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

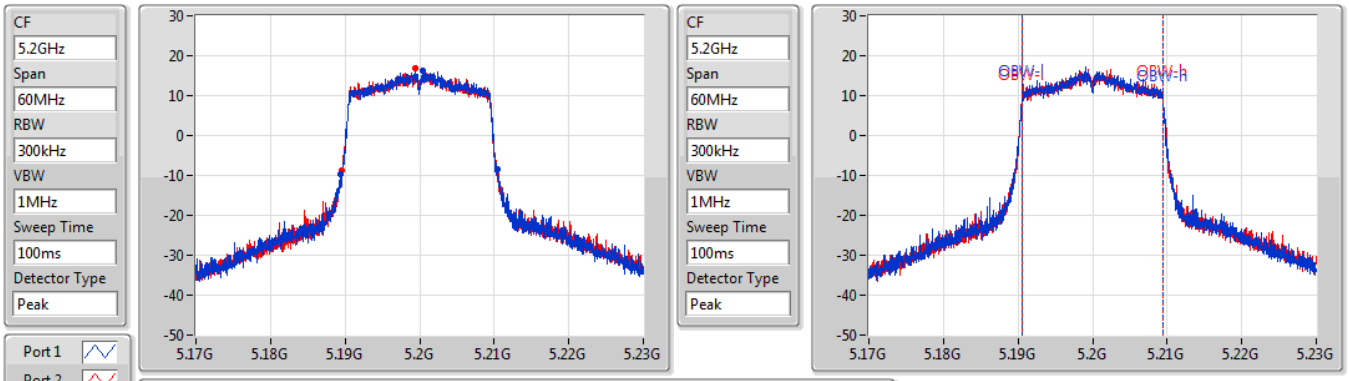
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.91M	5.1695G	5.19041G	18.861M	5.170555G	5.189415G	Inf	1
20.76M	5.16962G	5.19038G	18.861M	5.170555G	5.189415G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

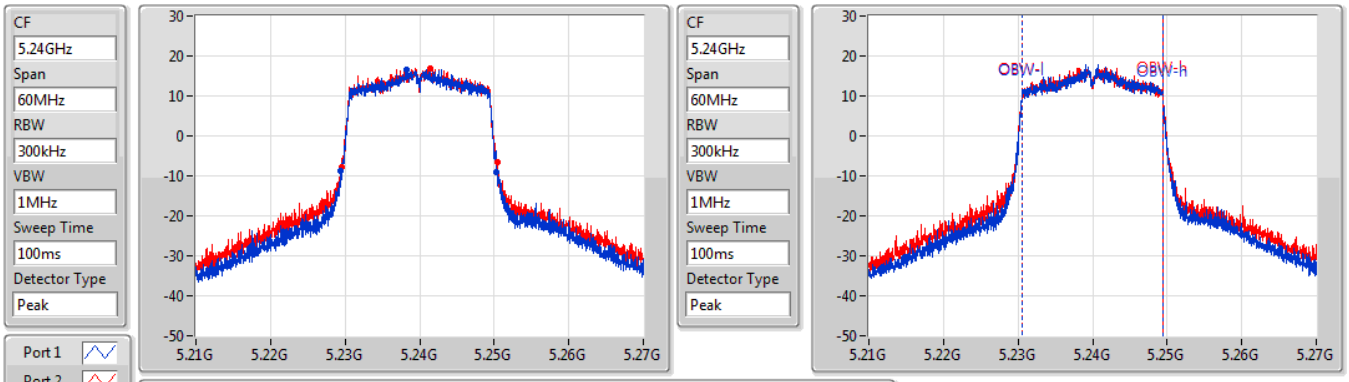
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.15M	5.18935G	5.2105G	18.861M	5.190555G	5.209415G	Inf	1
20.82M	5.18959G	5.21041G	18.861M	5.190555G	5.209415G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

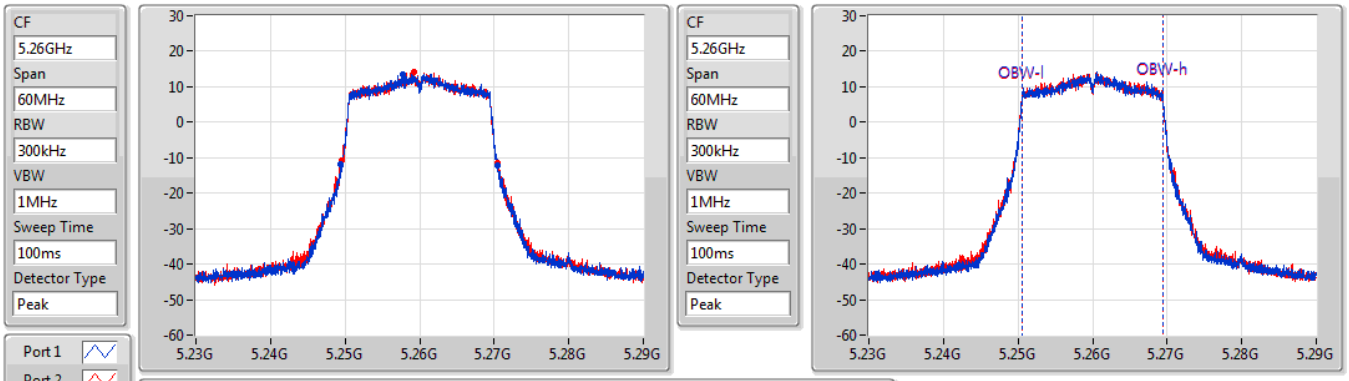
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.22947G	5.25032G	18.831M	5.230555G	5.249385G	Inf	1
20.94M	5.22953G	5.25047G	18.861M	5.230555G	5.249415G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

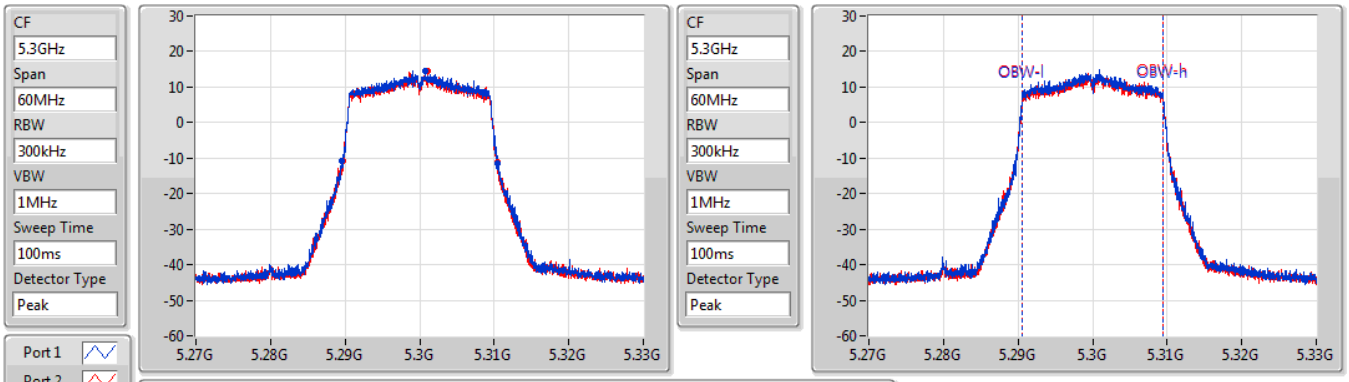
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.09M	5.24941G	5.2705G	18.861M	5.250555G	5.269415G	Inf	1
20.85M	5.24956G	5.27041G	18.861M	5.250555G	5.269415G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

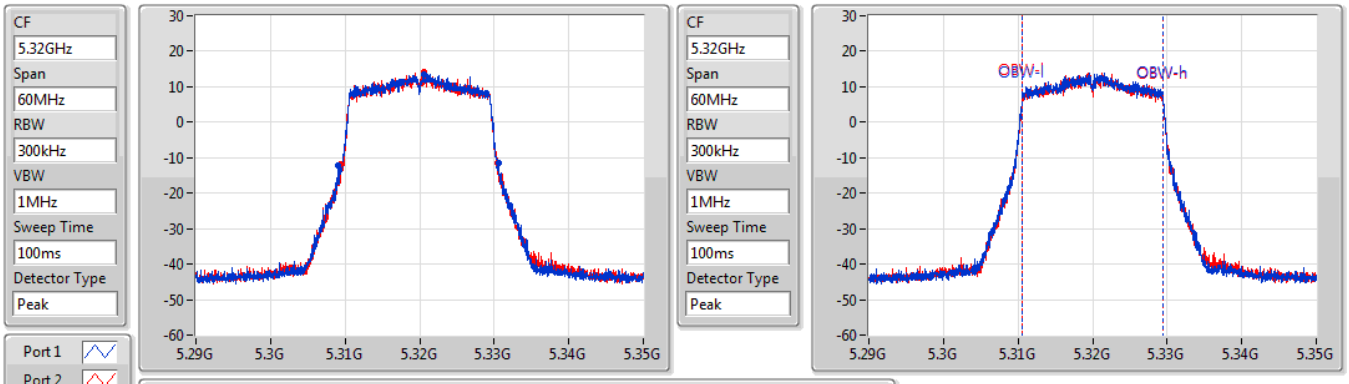
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.88M	5.28953G	5.31041G	18.831M	5.290615G	5.309445G	Inf	1
20.73M	5.28965G	5.31038G	18.861M	5.290585G	5.309445G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

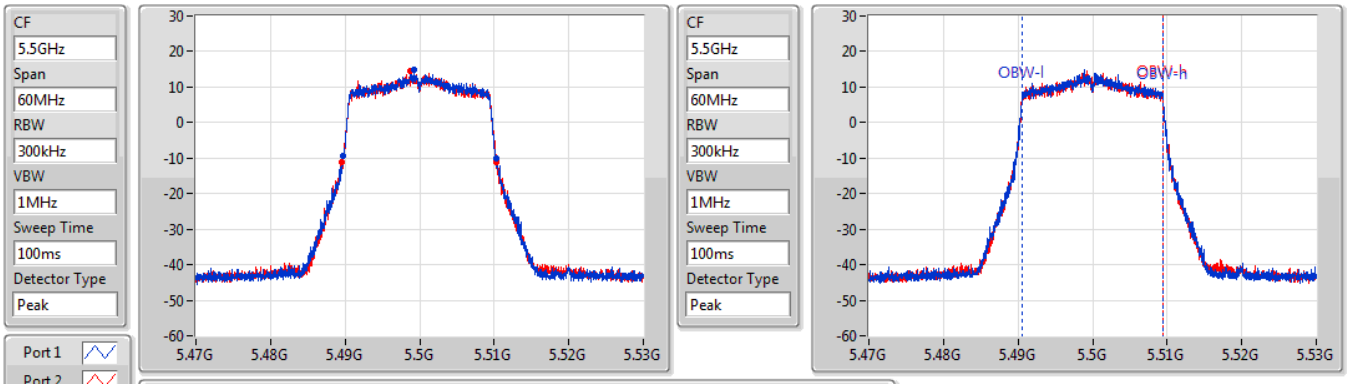
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.30902G	5.33053G	18.861M	5.310585G	5.329445G	Inf	1
20.97M	5.30947G	5.33044G	18.891M	5.310555G	5.329445G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

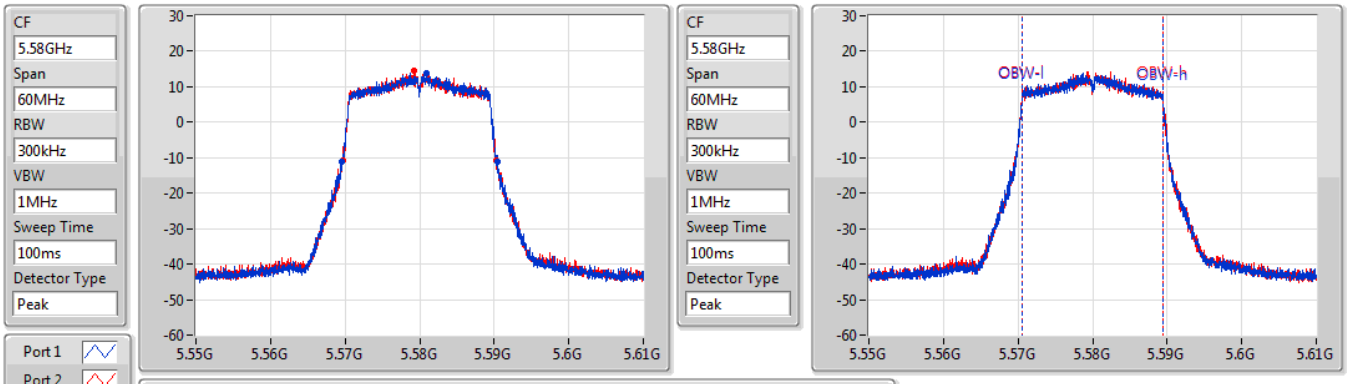
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.67M	5.48965G	5.51032G	18.861M	5.490555G	5.509415G	Inf	1
20.67M	5.48962G	5.51029G	18.861M	5.490555G	5.509415G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

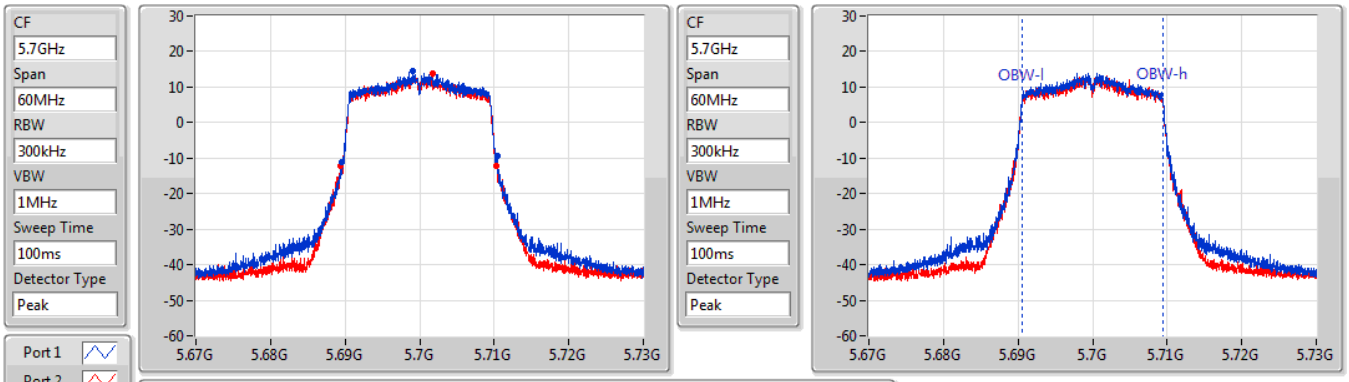
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.94M	5.5695G	5.59044G	18.861M	5.570555G	5.589415G	Inf	1
20.64M	5.56965G	5.59029G	18.861M	5.570555G	5.589415G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

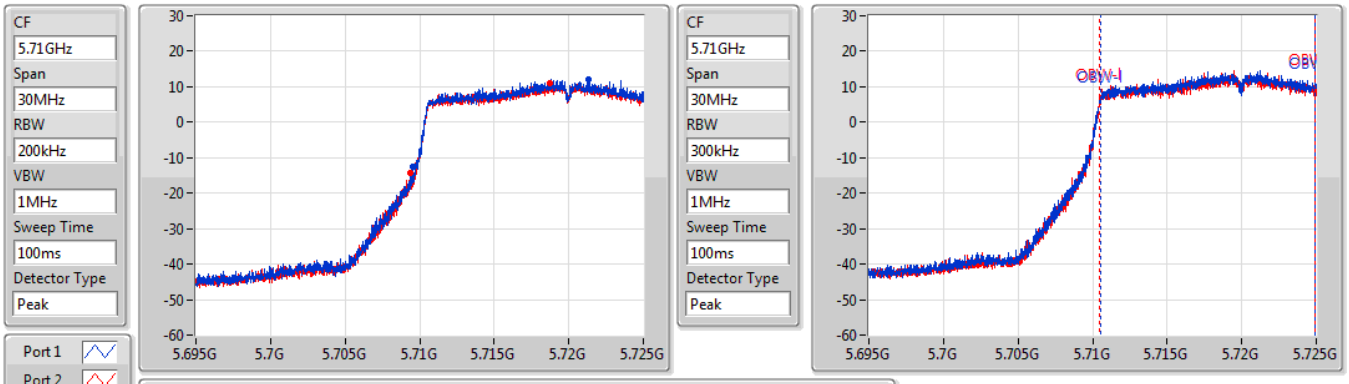
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.68956G	5.71041G	18.861M	5.690555G	5.709415G	Inf	1
20.97M	5.68938G	5.71035G	18.861M	5.690555G	5.709415G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

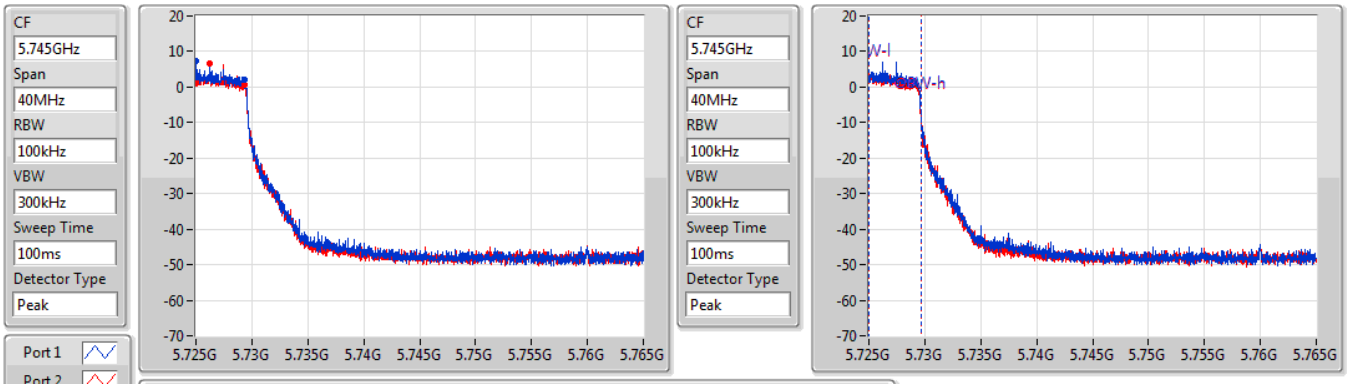
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.435M	5.709565G	5.725G	14.393M	5.71051G	5.724903G	Inf	1
15.585M	5.709415G	5.725G	14.438M	5.71048G	5.724918G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

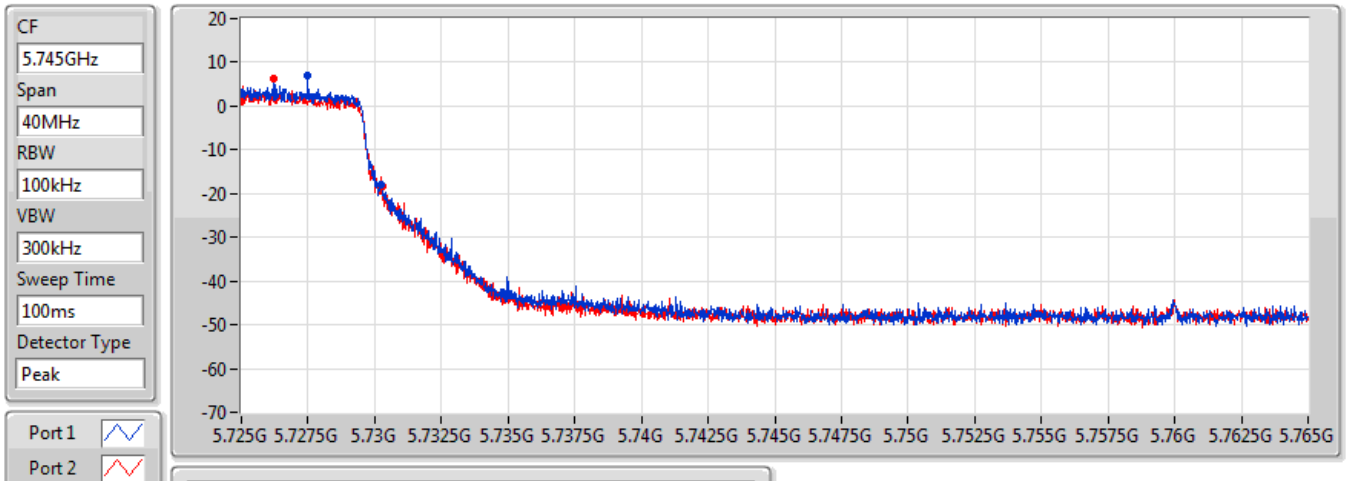
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.3M	5.725G	5.7293G	4.618M	5.72501G	5.729628G	500k	1
4.38M	5.725G	5.72938G	4.598M	5.72503G	5.729628G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

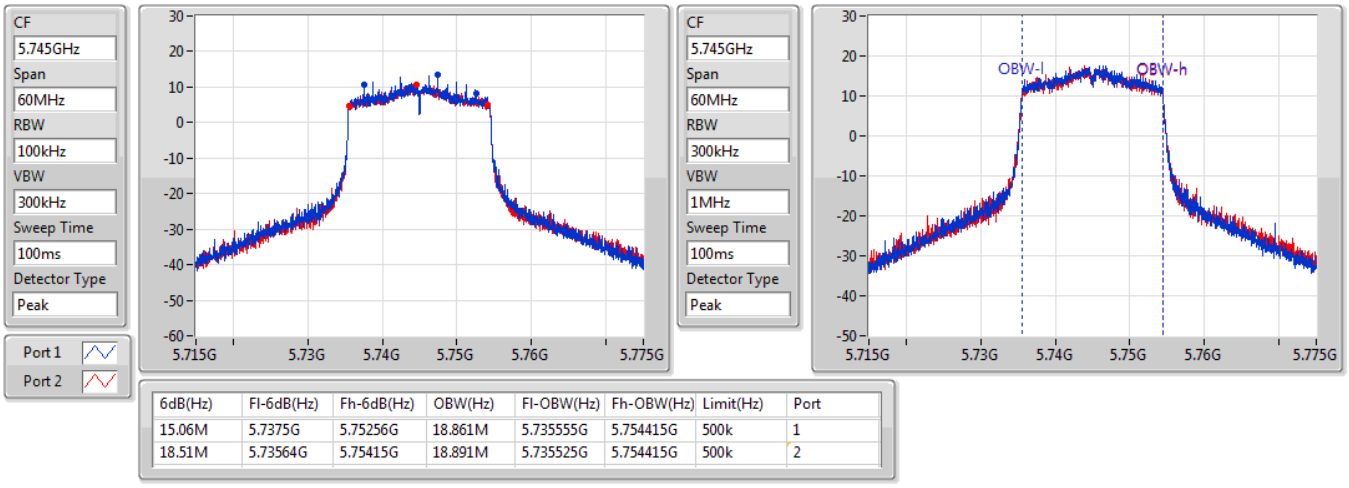
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.26M	5.725G	5.73026G	Inf	1
5.32M	5.725G	5.73032G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

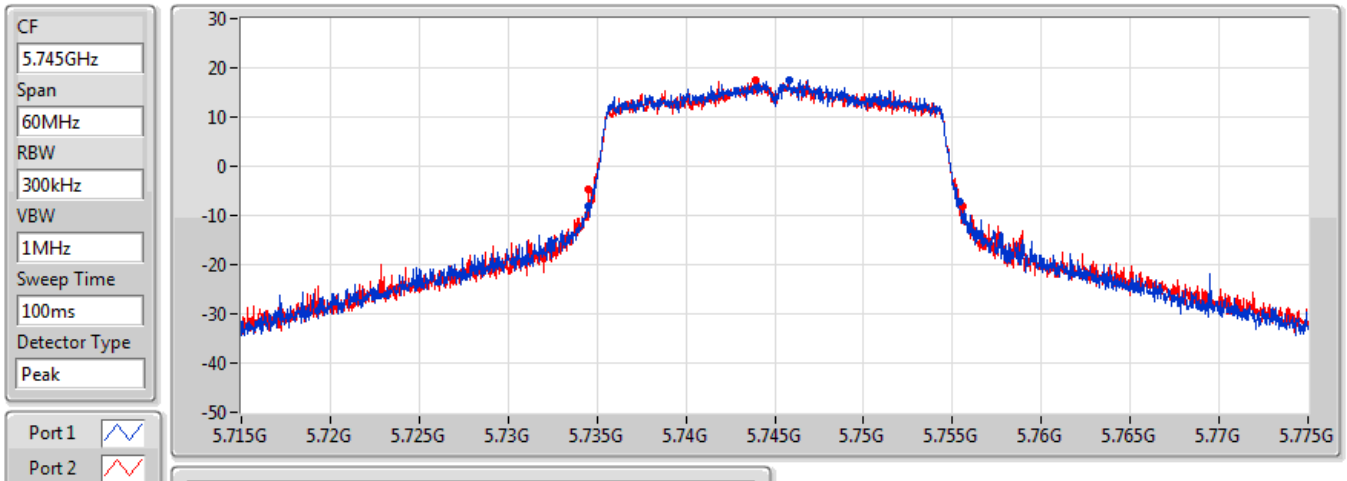
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.7375G	5.75256G	18.861M	5.735555G	5.754415G	500k	1
18.51M	5.73564G	5.75415G	18.891M	5.735525G	5.754415G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

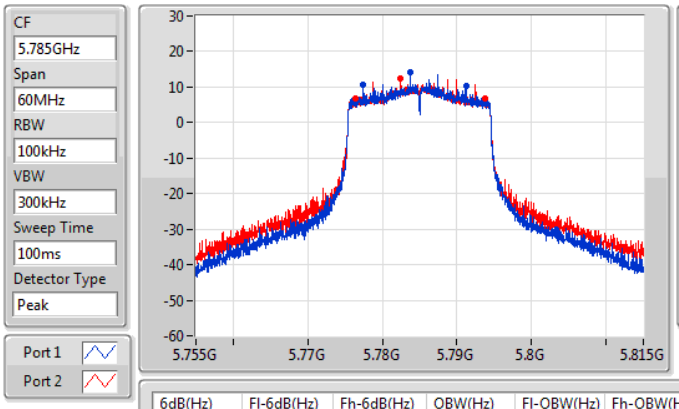
5745MHz

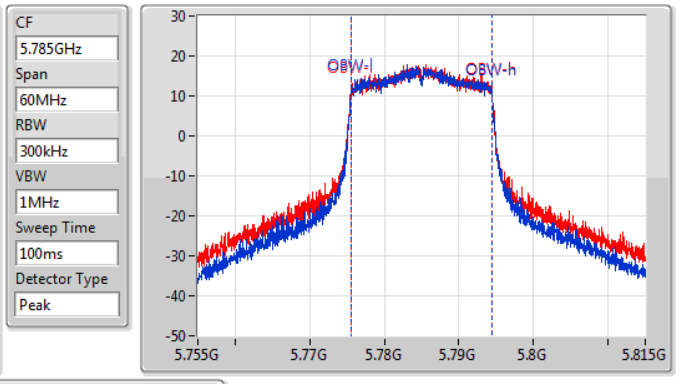


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.94M	5.73447G	5.75541G	Inf	1
21.09M	5.7345G	5.75559G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

5785MHz

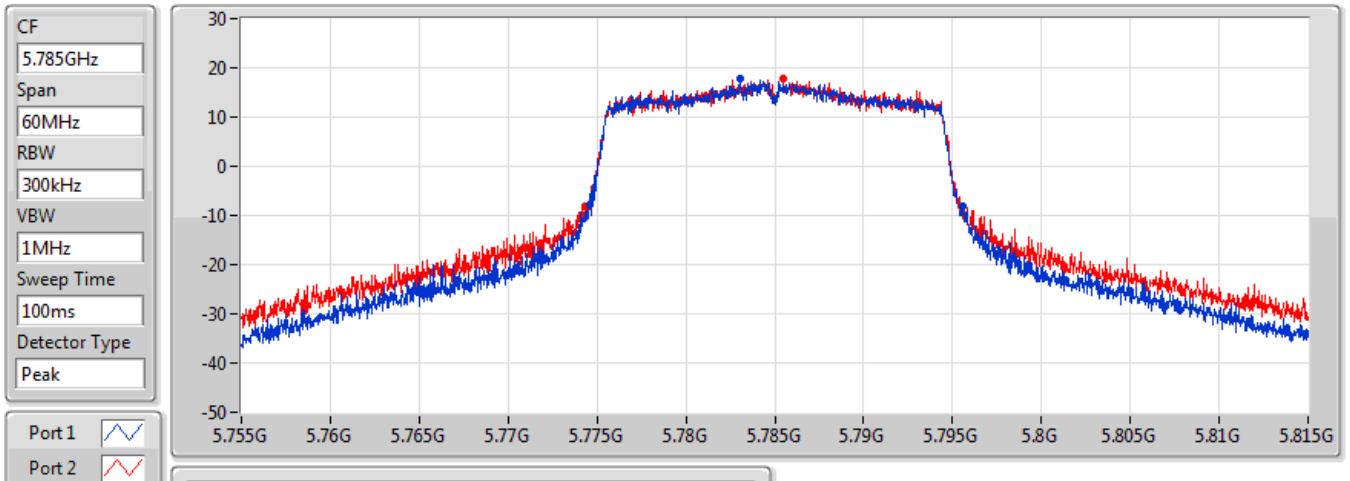




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.74M	5.77747G	5.79121G	18.861M	5.775555G	5.794415G	500k	1
17.34M	5.77636G	5.7937G	18.891M	5.775525G	5.794415G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

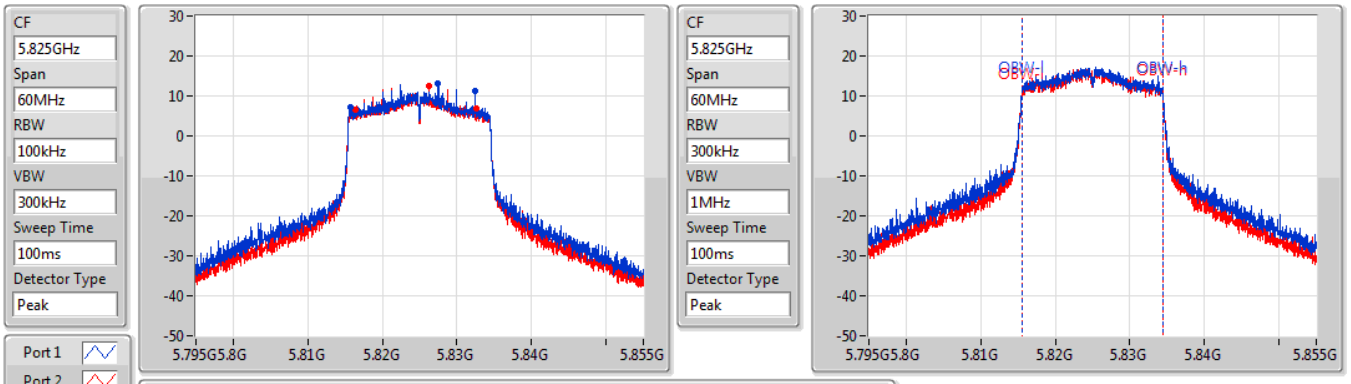
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.03M	5.77456G	5.79559G	Inf	1
21.15M	5.77432G	5.79547G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

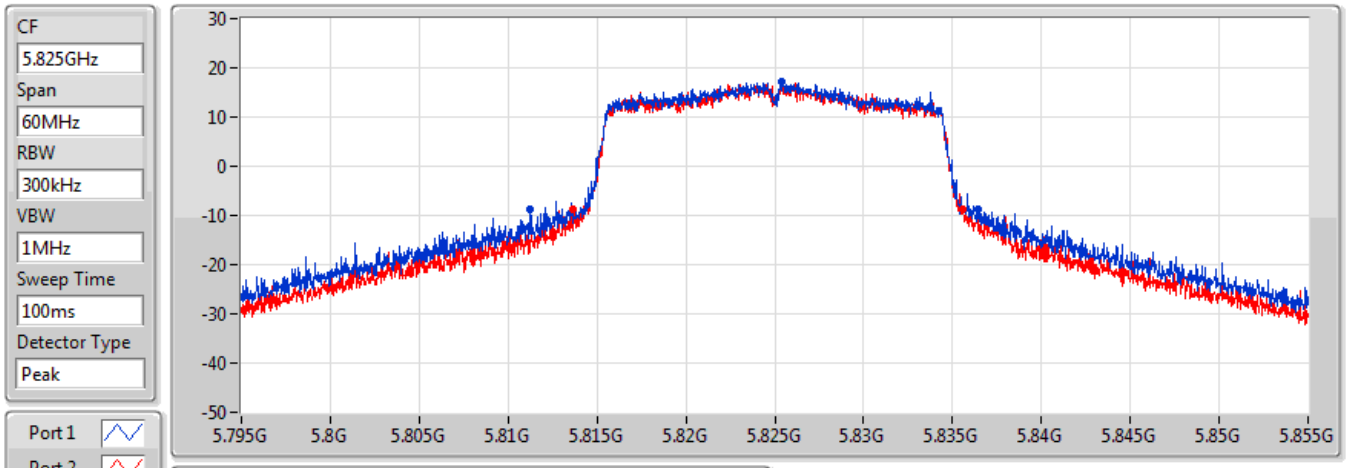
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.77M	5.8157G	5.83247G	18.921M	5.815495G	5.834415G	500k	1
16.32M	5.81636G	5.83268G	18.921M	5.815495G	5.834415G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

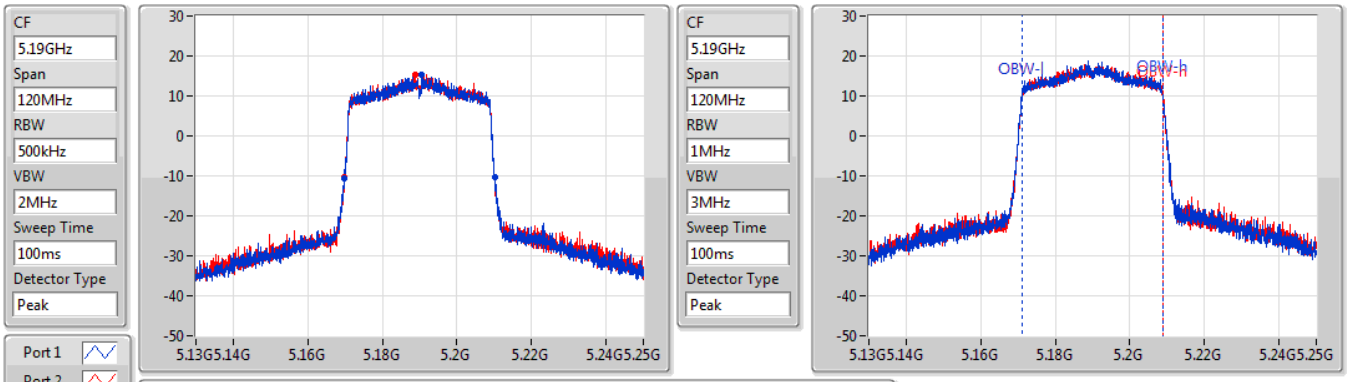
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
25.23M	5.8112G	5.83643G	Inf	1
21.87M	5.81369G	5.83556G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

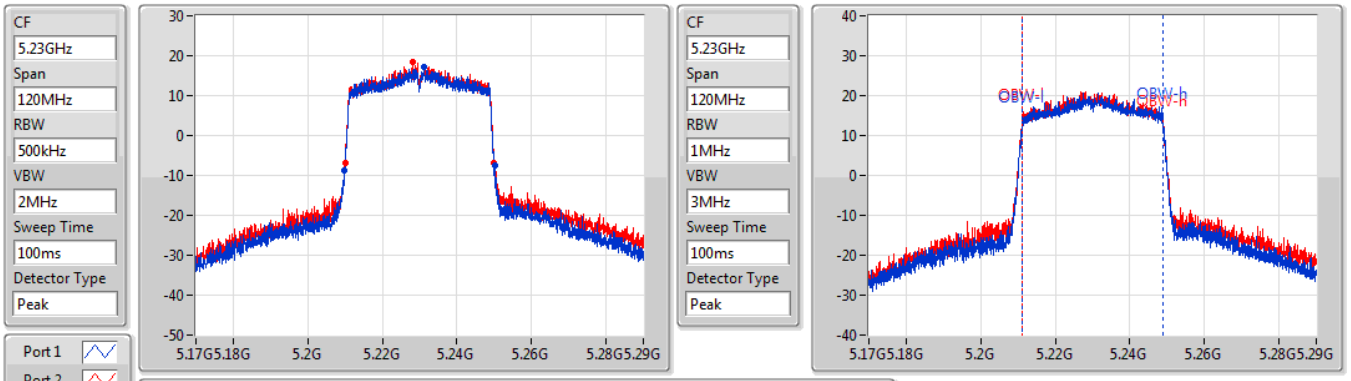
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.16978G	5.2101G	37.661M	5.171169G	5.208831G	Inf	1
40.26M	5.16984G	5.2101G	37.721M	5.171109G	5.208831G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

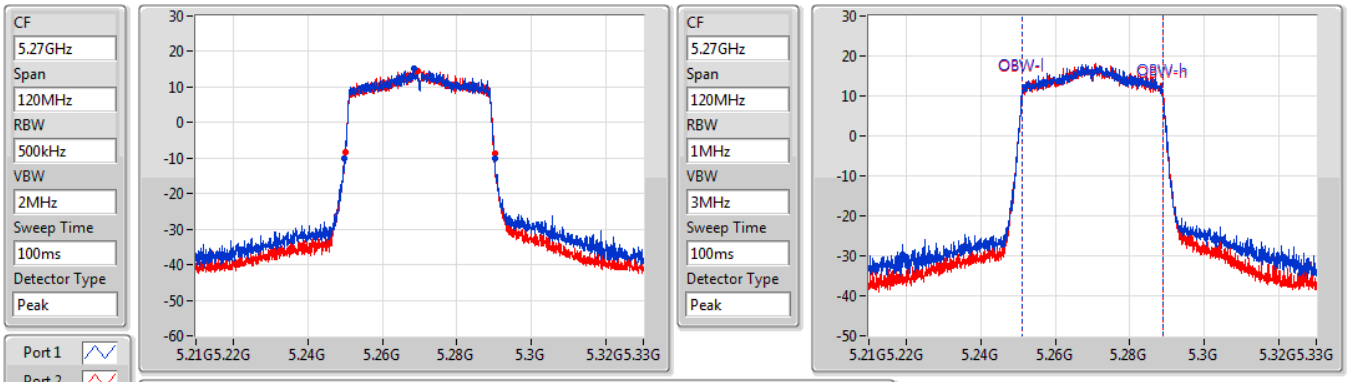
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.20984G	5.25016G	37.721M	5.211169G	5.248891G	Inf	1
40.02M	5.21002G	5.25004G	37.841M	5.211109G	5.248951G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

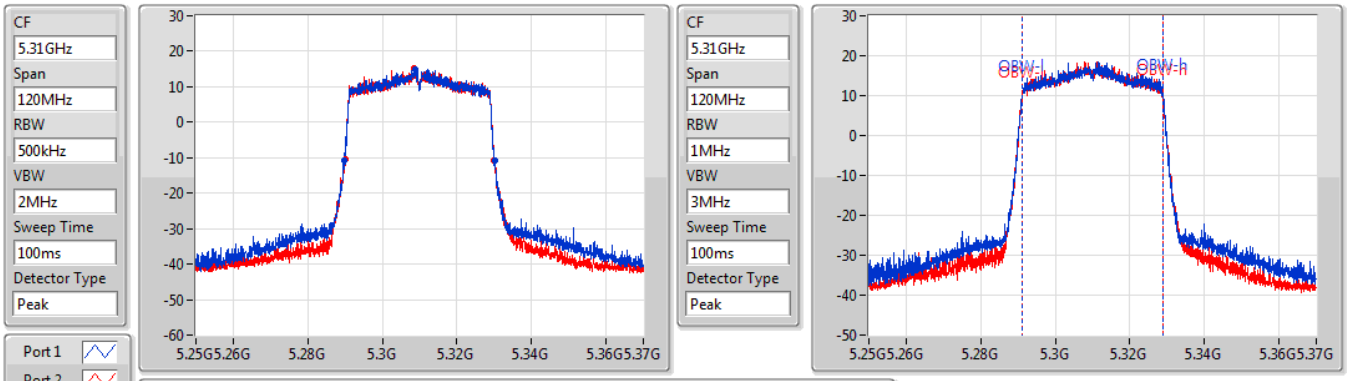
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.2499G	5.29016G	37.661M	5.251109G	5.288771G	Inf	1
40.14M	5.24996G	5.2901G	37.721M	5.251109G	5.288831G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

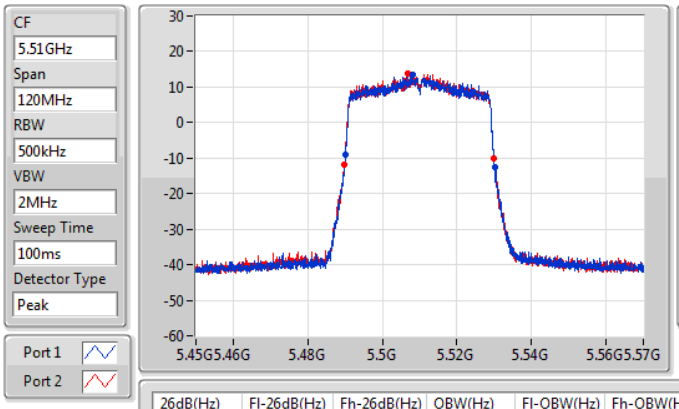
5310MHz

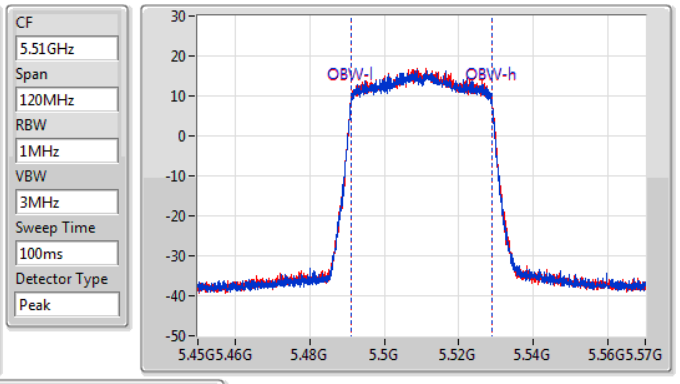


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.28966G	5.3301G	37.721M	5.291109G	5.328831G	Inf	1
40.02M	5.28996G	5.32998G	37.601M	5.291169G	5.328771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5510MHz

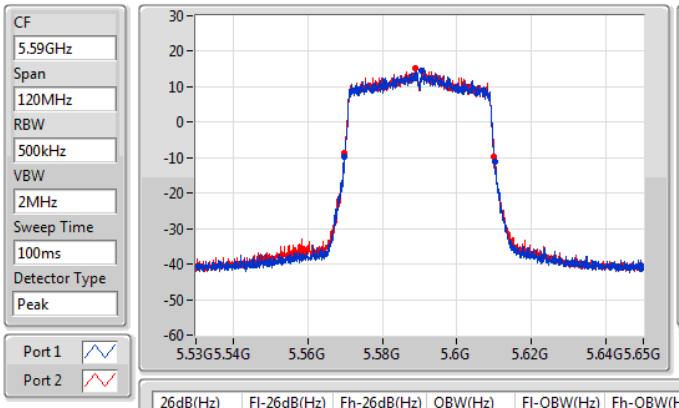


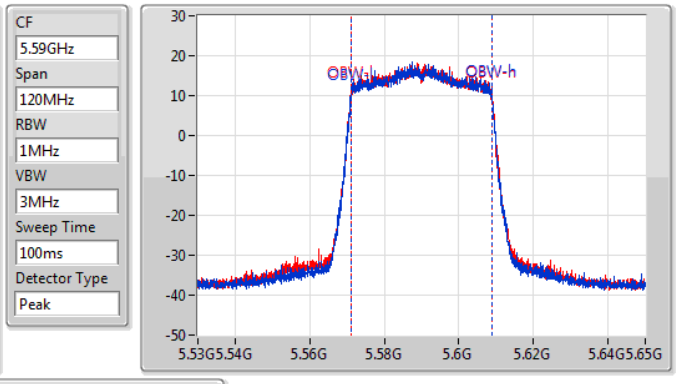


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.48996G	5.5301G	37.661M	5.491109G	5.528771G	Inf	1
40.32M	5.48966G	5.52998G	37.601M	5.491169G	5.528771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5590MHz

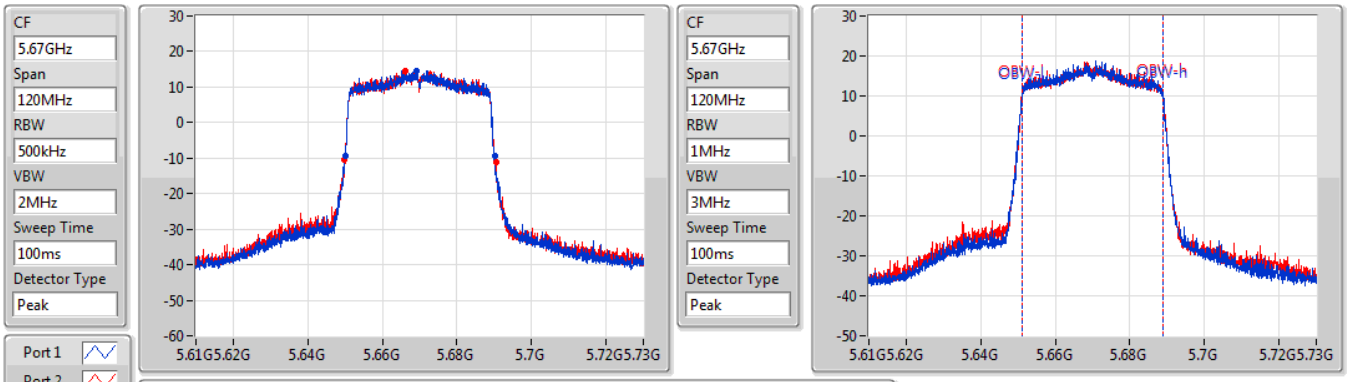




26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.5699G	5.6101G	37.661M	5.571109G	5.608771G	Inf	1
40.02M	5.5699G	5.60992G	37.721M	5.571049G	5.608771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

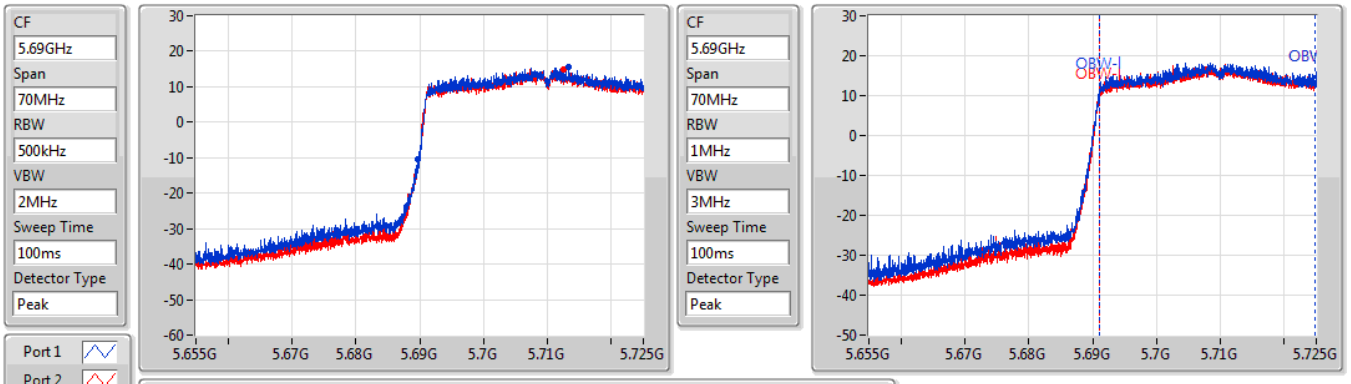
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.64996G	5.6901G	37.661M	5.651169G	5.688831G	Inf	1
40.5M	5.6499G	5.6904G	37.721M	5.651109G	5.688831G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

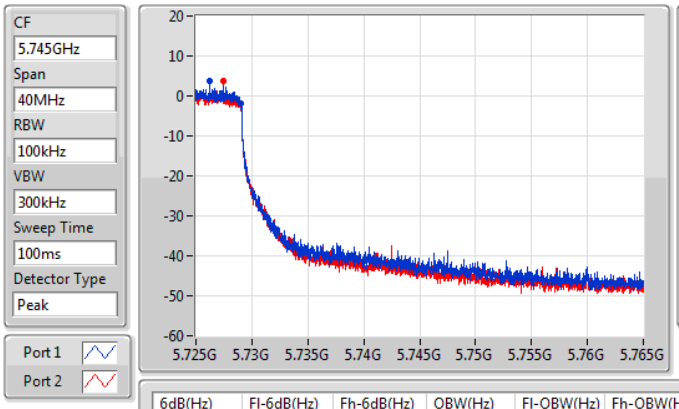
5710MHz Straddle 5.47-5.725GHz

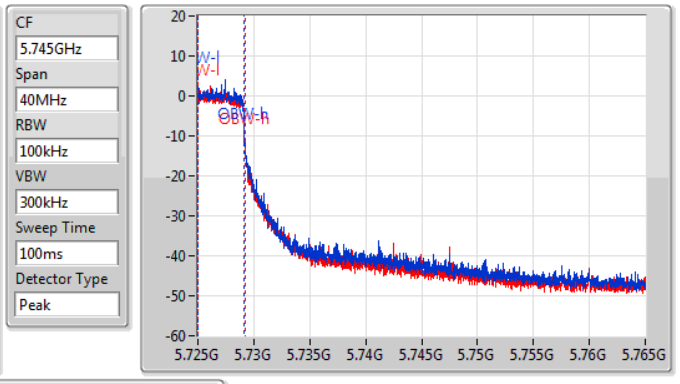


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.28M	5.68972G	5.725G	33.688M	5.691084G	5.724773G	Inf	1
35.21M	5.68979G	5.725G	33.723M	5.691049G	5.724773G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

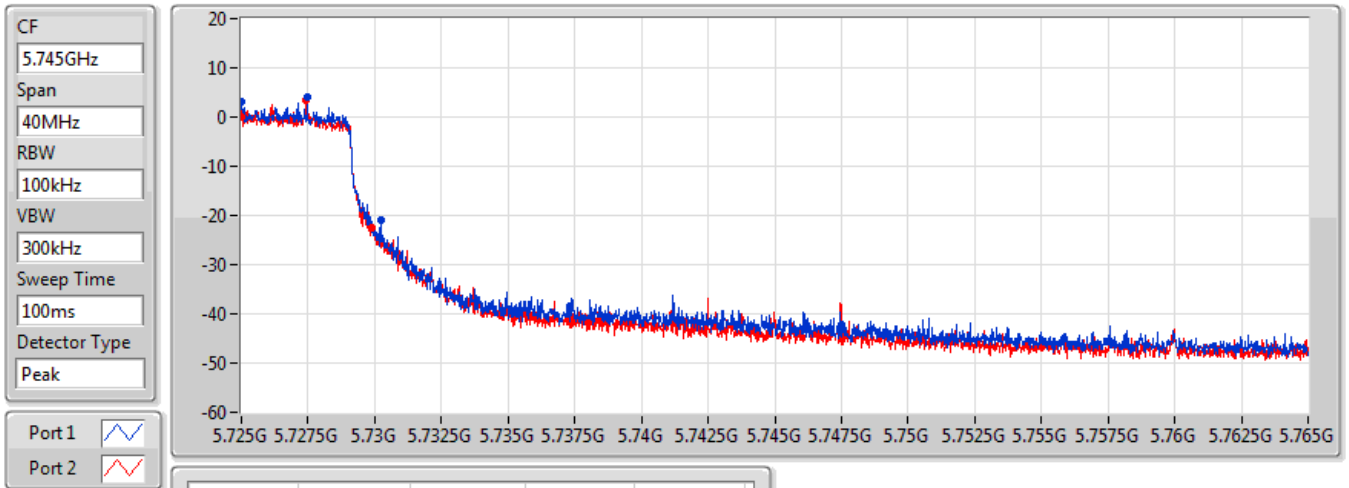




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.06M	5.725G	5.72906G	4.158M	5.72501G	5.729168G	500k	1
3.94M	5.725G	5.72894G	4.178M	5.72501G	5.729188G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

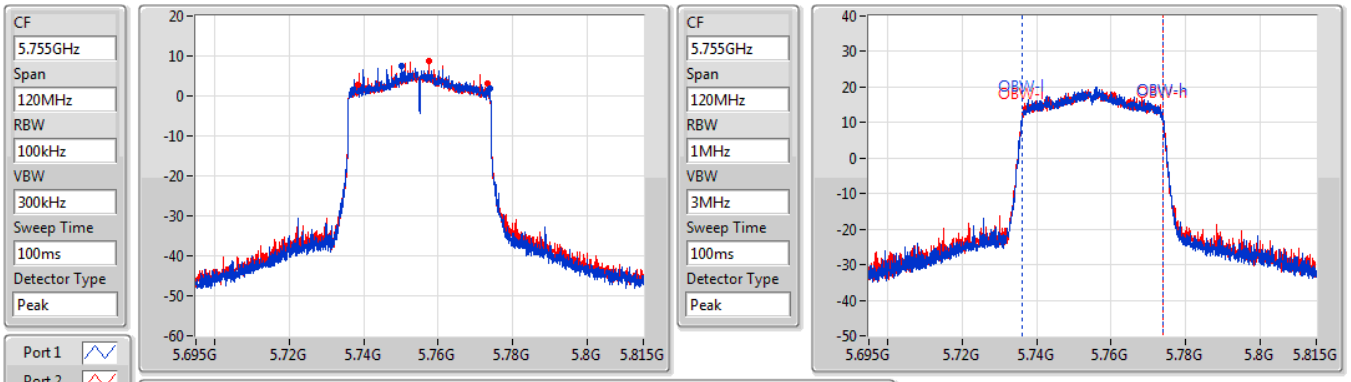
5710MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.22M	5.725G	5.73022G	Inf	1
4.88M	5.725G	5.72988G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

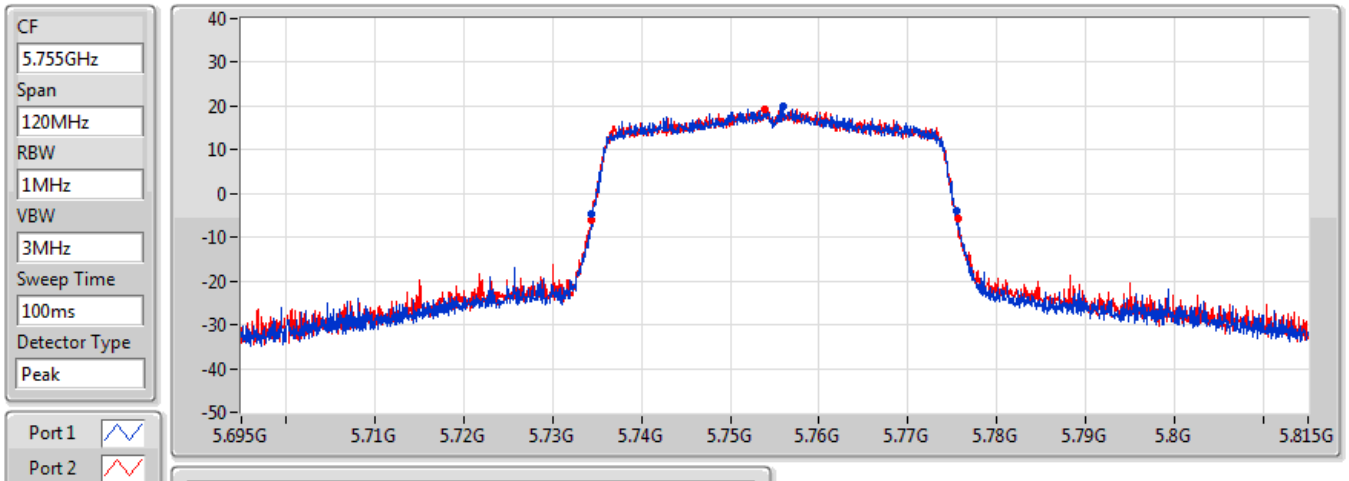
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.84M	5.737G	5.77384G	37.721M	5.736109G	5.773831G	500k	1
34.62M	5.7385G	5.77312G	37.661M	5.736109G	5.773771G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

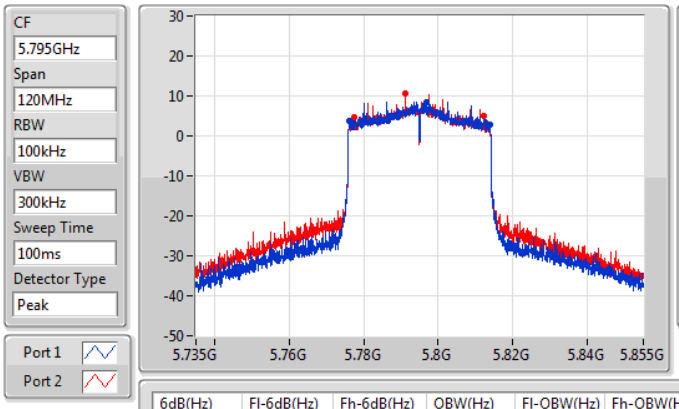
5755MHz

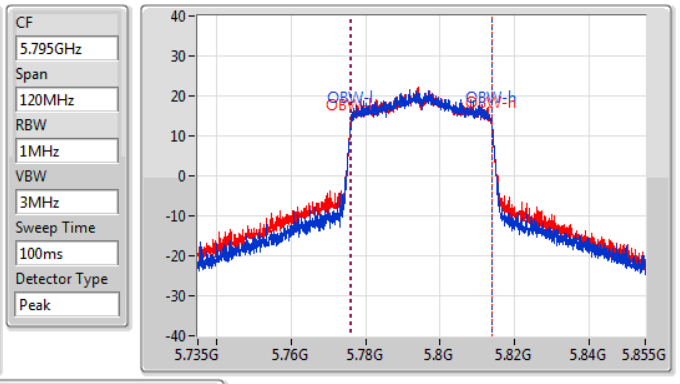


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.04M	5.73442G	5.77546G	Inf	1
41.22M	5.73436G	5.77558G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5795MHz

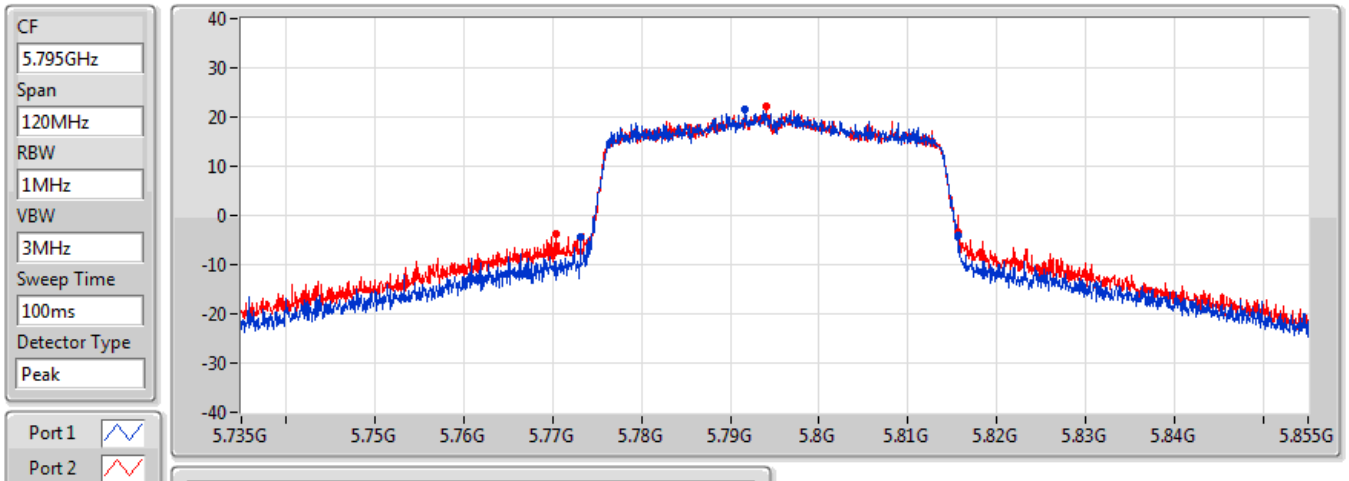




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.7761G	5.81384G	37.781M	5.776049G	5.813831G	500k	1
34.98M	5.7773G	5.81228G	37.961M	5.77593G	5.813891G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

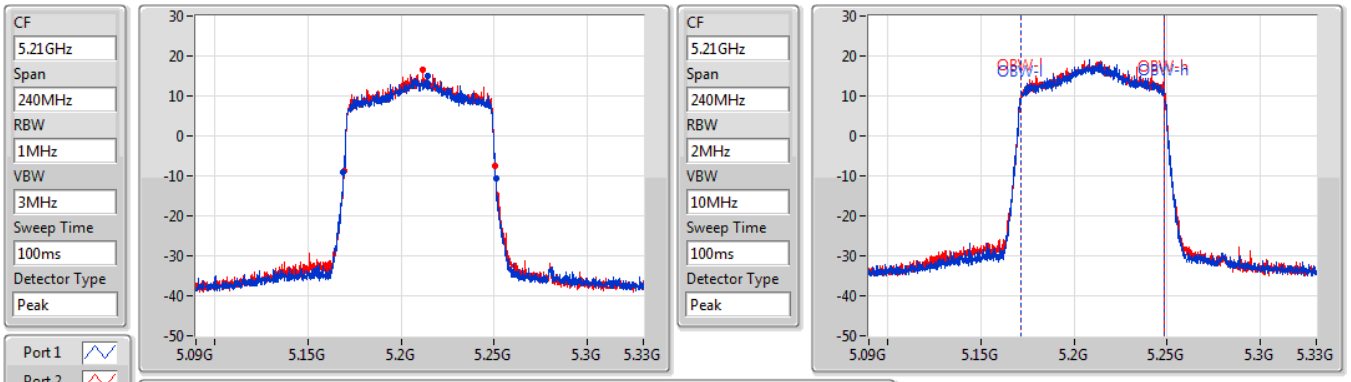
5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
42.42M	5.77316G	5.81558G	Inf	1
45.36M	5.77034G	5.8157G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

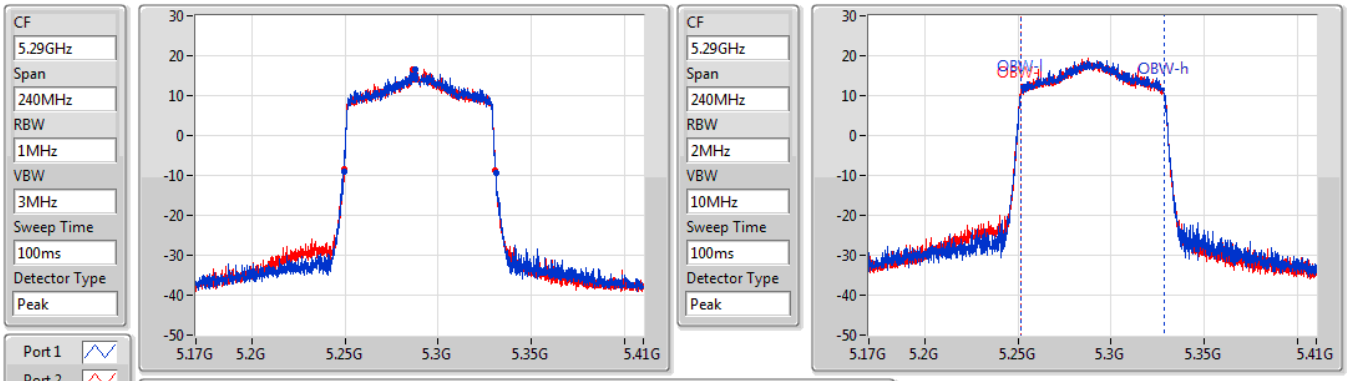
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.16908G	5.25104G	76.882M	5.171619G	5.248501G	Inf	1
80.76M	5.16956G	5.25032G	76.762M	5.171739G	5.248501G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

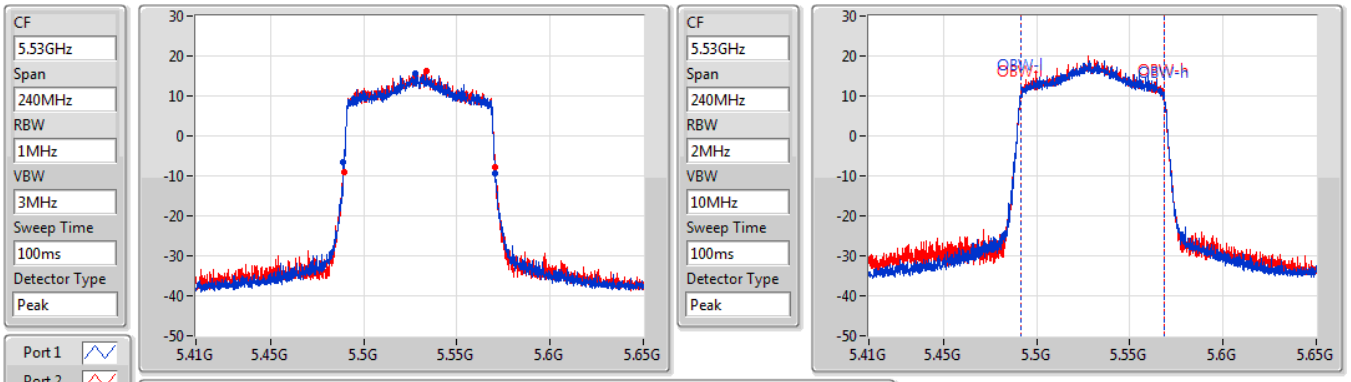
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.24932G	5.3308G	76.762M	5.251619G	5.328381G	Inf	1
81.24M	5.24944G	5.33068G	76.882M	5.251499G	5.328381G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

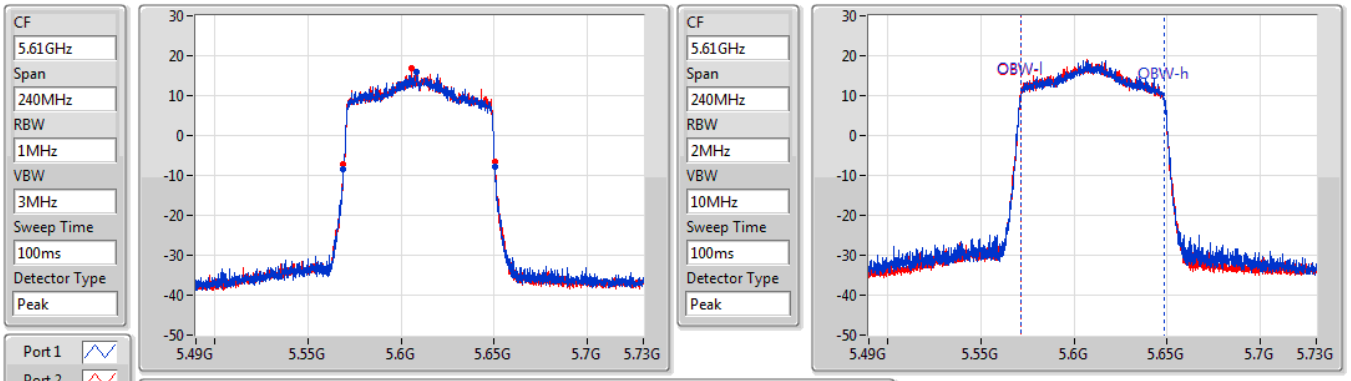
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.4892G	5.57068G	76.882M	5.491379G	5.568261G	Inf	1
81.12M	5.48932G	5.57044G	76.642M	5.491619G	5.568261G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

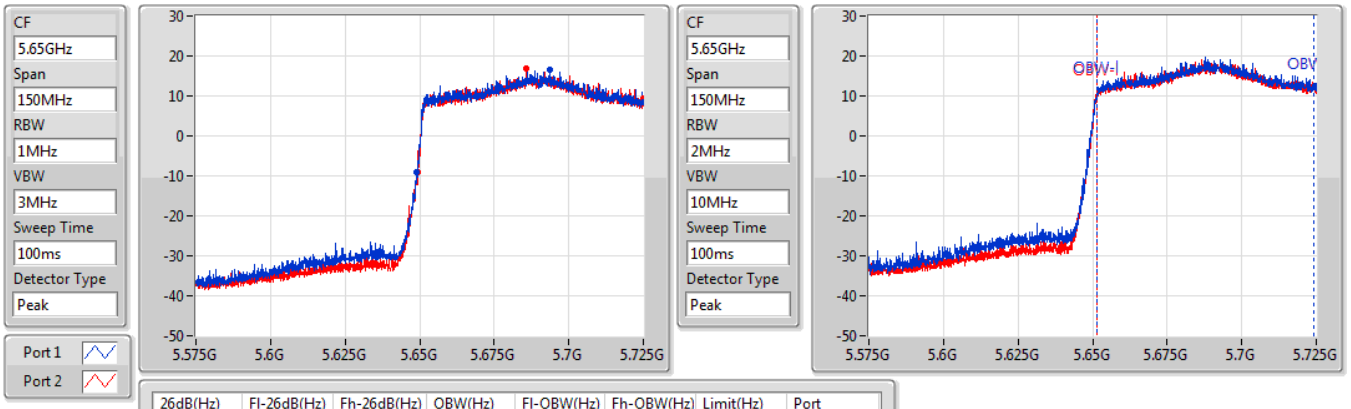
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.5692G	5.65044G	76.762M	5.571499G	5.648261G	Inf	1
81.12M	5.5692G	5.65032G	76.762M	5.571379G	5.648141G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

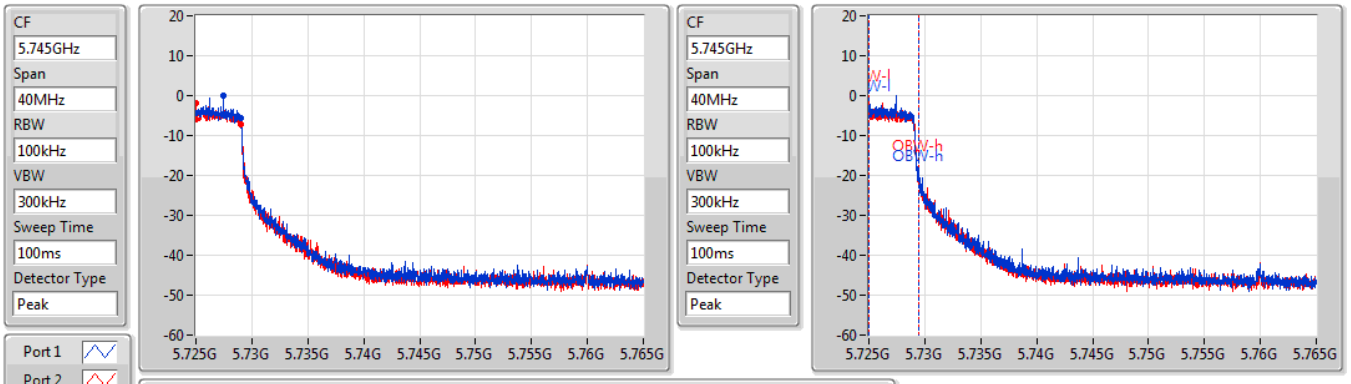
5690MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.975M	5.649025G	5.725G	72.864M	5.651499G	5.724363G	Inf	1
75.75M	5.64925G	5.725G	72.789M	5.651424G	5.724213G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

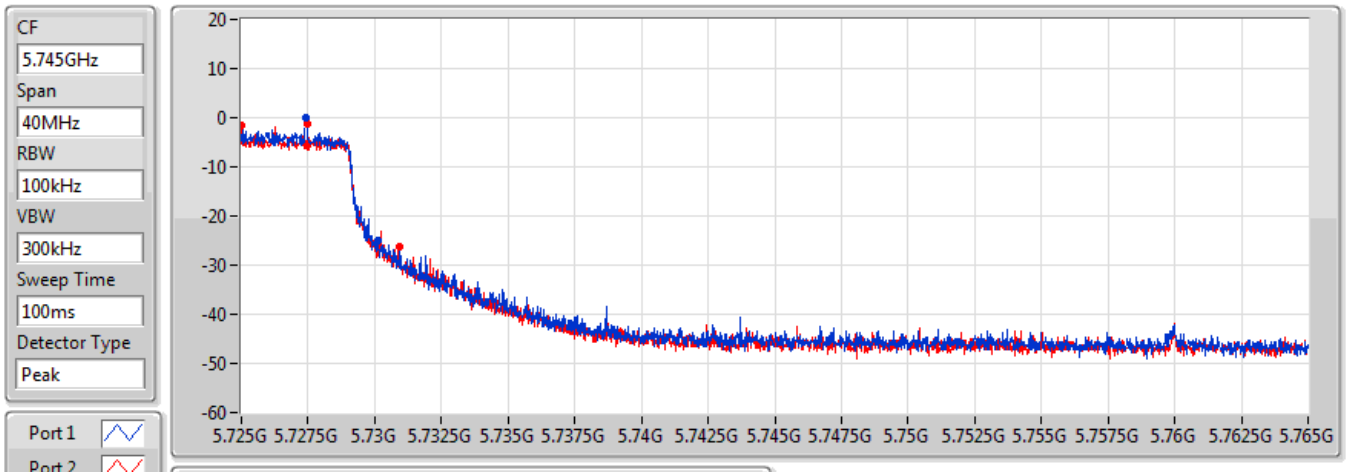
5690MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	4.418M	5.72501G	5.729428G	500k	1
4.06M	5.725G	5.72906G	4.458M	5.72501G	5.729468G	500k	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

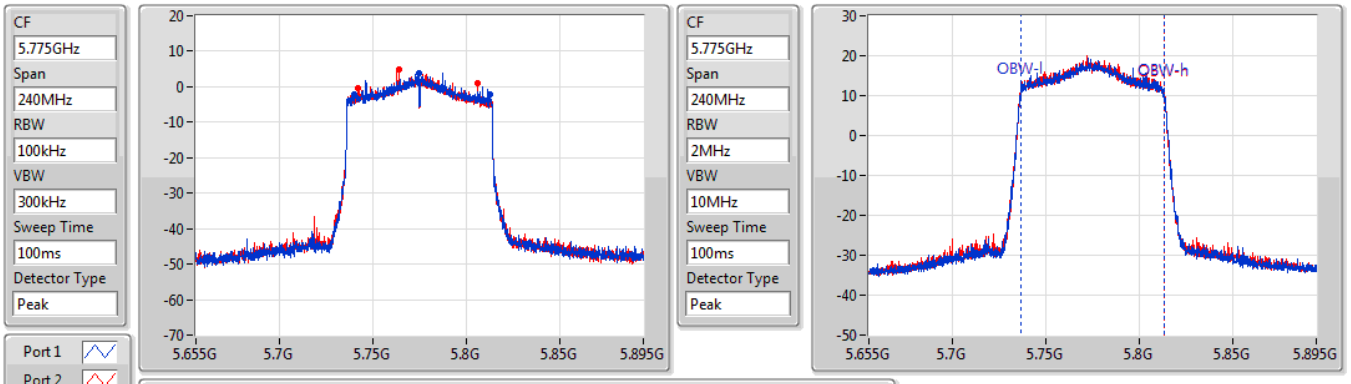
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.12M	5.725G	5.73012G	Inf	1
5.9M	5.725G	5.7309G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

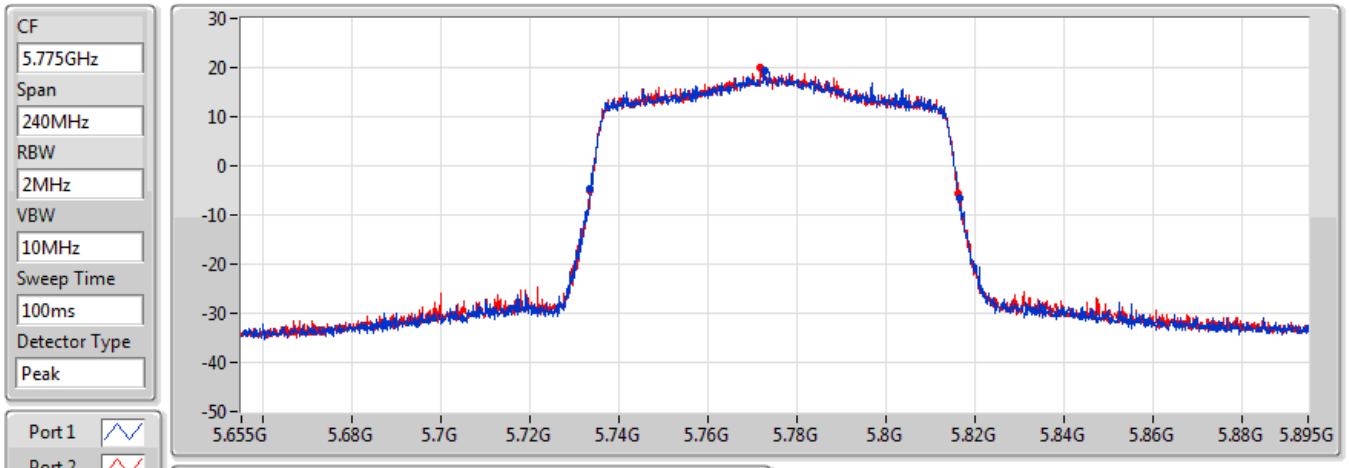
5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.36M	5.7402G	5.81256G	76.762M	5.736499G	5.813261G	500k	1
64.32M	5.74188G	5.8062G	76.762M	5.736499G	5.813261G	500k	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

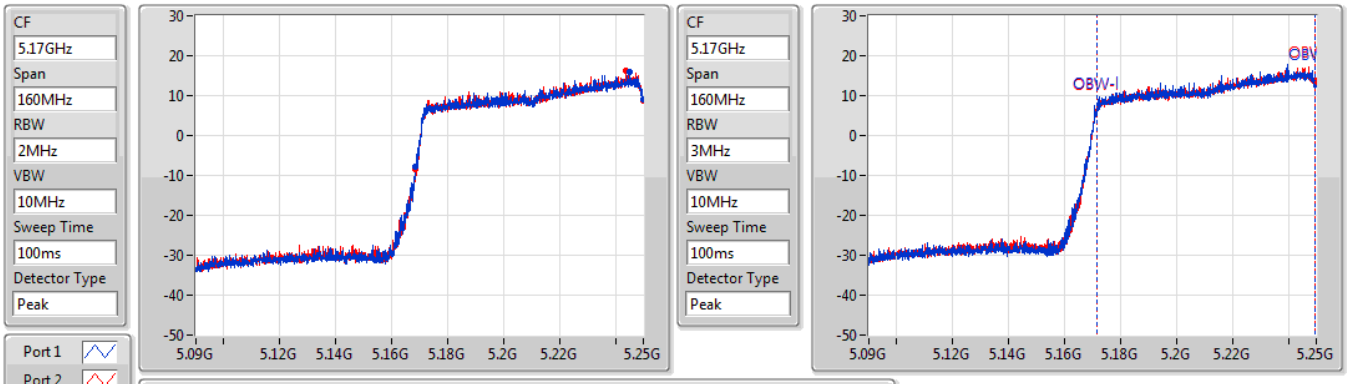
5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
83.28M	5.73336G	5.81664G	Inf	1
83.16M	5.73324G	5.8164G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX EBW

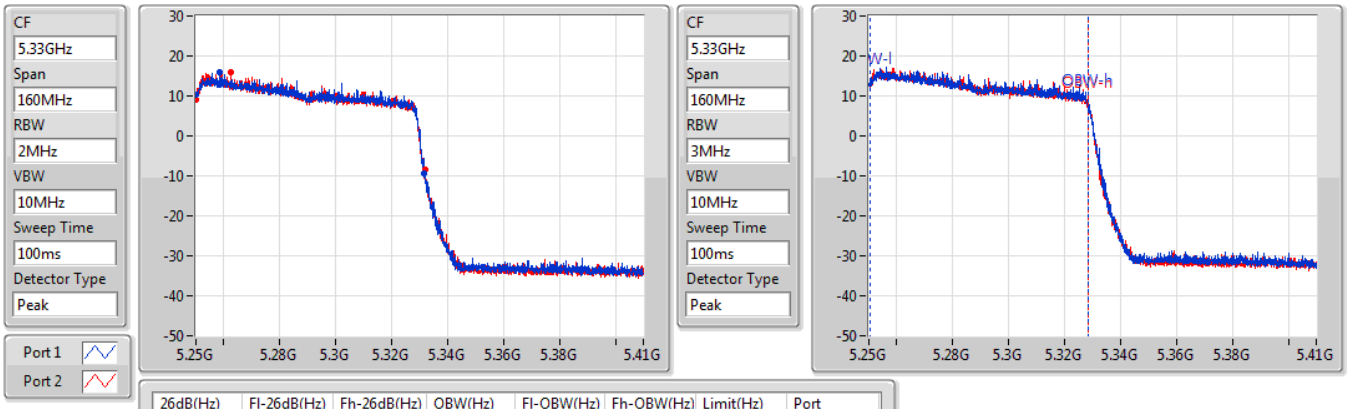
5250MHz Straddle 5.15-5.25GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.1684G	5.25G	78.041M	5.171599G	5.24964G	Inf	1
81.44M	5.16856G	5.25G	78.041M	5.171679G	5.24972G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX **EBW**

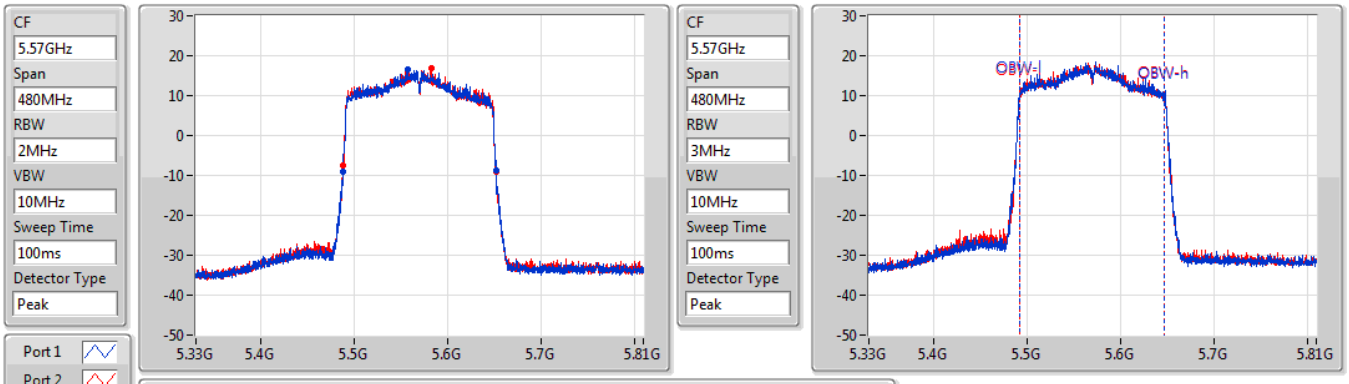
5250MHz Straddle 5.25-5.35GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.68M	5.25G	5.33168G	78.201M	5.25036G	5.328561G	Inf	1
81.84M	5.25G	5.33184G	78.201M	5.25036G	5.328561G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX **EBW**

5570MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	5.48744G	5.65184G	154.963M	5.492279G	5.647241G	Inf	1
163.92M	5.48792G	5.65184G	154.963M	5.492039G	5.647001G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.14	0.20606	25.94	0.39264
802.11ax HEW20_Nss2,(MCS0)_2TX	24.94	0.31189	27.74	0.59429
802.11ax HEW40_Nss2,(MCS0)_2TX	25.02	0.31769	27.82	0.60534
802.11ax HEW80_Nss2,(MCS0)_2TX	21.52	0.14191	24.32	0.27040
802.11ax HEW160_Nss2,(MCS0)_2TX	18.82	0.07621	21.62	0.14521
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.56	0.14322	24.76	0.29923
802.11ax HEW20_Nss2,(MCS0)_2TX	22.49	0.17742	25.69	0.37068
802.11ax HEW40_Nss2,(MCS0)_2TX	23.55	0.22646	26.75	0.47315
802.11ax HEW80_Nss2,(MCS0)_2TX	23.57	0.22751	26.77	0.47534
802.11ax HEW160_Nss2,(MCS0)_2TX	19.25	0.08414	22.45	0.17579
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.51	0.14158	24.41	0.27606
802.11ax HEW20_Nss2,(MCS0)_2TX	22.58	0.18113	25.48	0.35318
802.11ax HEW40_Nss2,(MCS0)_2TX	23.58	0.22803	26.48	0.44463
802.11ax HEW80_Nss2,(MCS0)_2TX	23.52	0.22491	26.42	0.43853
802.11ax HEW160_Nss2,(MCS0)_2TX	23.60	0.22909	26.50	0.44668
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.64	0.46132	29.14	0.82035
802.11ax HEW20_Nss2,(MCS0)_2TX	25.89	0.38815	28.39	0.69024
802.11ax HEW40_Nss2,(MCS0)_2TX	25.38	0.34514	27.88	0.61376
802.11ax HEW80_Nss2,(MCS0)_2TX	23.84	0.24210	26.34	0.43053

Result

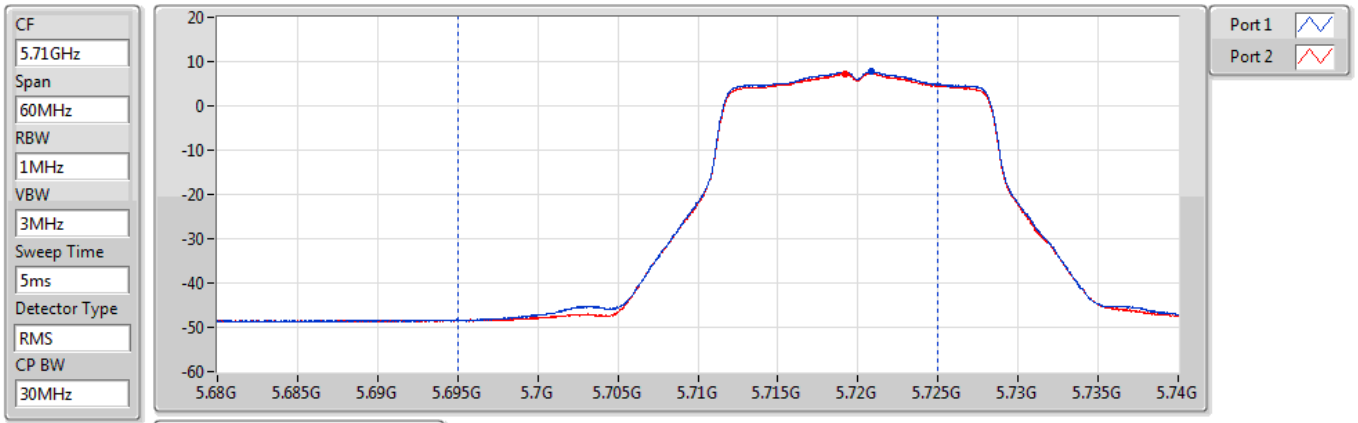
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.80	19.16	19.41	22.30	30.00	25.10	36.00
5200MHz	Pass	2.80	20.02	20.23	23.14	30.00	25.94	36.00
5240MHz	Pass	2.80	19.75	20.14	22.96	30.00	25.76	36.00
5260MHz	Pass	3.20	18.31	18.69	21.51	23.77	24.71	29.77
5300MHz	Pass	3.20	18.67	18.41	21.55	23.78	24.75	29.78
5320MHz	Pass	3.20	18.61	18.49	21.56	23.88	24.76	29.88
5500MHz	Pass	2.90	18.41	18.54	21.49	23.74	24.39	29.74
5580MHz	Pass	2.90	18.32	18.55	21.45	23.89	24.35	29.89
5700MHz	Pass	2.90	18.72	18.26	21.51	23.91	24.41	29.91
5720MHz Straddle 5.47-5.725GHz	Pass	2.90	18.54	18.09	21.33	22.60	24.23	28.60
5720MHz Straddle 5.725-5.85GHz	Pass	2.50	10.76	10.28	13.54	30.00	16.04	36.00
5745MHz	Pass	2.50	23.15	23.25	26.21	30.00	28.71	36.00
5785MHz	Pass	2.50	23.52	23.74	26.64	30.00	29.14	36.00
5825MHz	Pass	2.50	22.56	22.24	25.41	30.00	27.91	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.80	20.89	21.02	23.97	30.00	26.77	36.00
5200MHz	Pass	2.80	21.76	22.09	24.94	30.00	27.74	36.00
5240MHz	Pass	2.80	21.65	22.18	24.93	30.00	27.73	36.00
5260MHz	Pass	3.20	19.12	19.56	22.36	24.00	25.56	30.00
5300MHz	Pass	3.20	19.62	19.34	22.49	24.00	25.69	30.00
5320MHz	Pass	3.20	19.58	19.35	22.48	24.00	25.68	30.00
5500MHz	Pass	2.90	19.52	19.58	22.56	24.00	25.46	30.00
5580MHz	Pass	2.90	19.49	19.64	22.58	24.00	25.48	30.00
5700MHz	Pass	2.90	19.56	19.45	22.52	24.00	25.42	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.90	18.92	18.47	21.71	22.89	24.61	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	2.50	12.04	11.57	14.82	30.00	17.32	36.00
5745MHz	Pass	2.50	22.85	22.91	25.89	30.00	28.39	36.00
5785MHz	Pass	2.50	22.74	22.65	25.71	30.00	28.21	36.00
5825MHz	Pass	2.50	22.92	22.71	25.83	30.00	28.33	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.80	20.32	20.56	23.45	30.00	26.25	36.00
5230MHz	Pass	2.80	21.76	22.25	25.02	30.00	27.82	36.00
5270MHz	Pass	3.20	20.57	20.51	23.55	24.00	26.75	30.00
5310MHz	Pass	3.20	20.46	20.49	23.49	24.00	26.69	30.00
5510MHz	Pass	2.90	19.05	19.21	22.14	24.00	25.04	30.00
5590MHz	Pass	2.90	20.45	20.67	23.57	24.00	26.47	30.00
5670MHz	Pass	2.90	20.48	20.59	23.55	24.00	26.45	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.90	20.82	20.31	23.58	24.00	26.48	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.50	9.53	9	12.28	30.00	14.78	36.00
5755MHz	Pass	2.50	21.59	21.75	24.68	30.00	27.18	36.00
5795MHz	Pass	2.50	22.41	22.32	25.38	30.00	27.88	36.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.80	18.76	18.24	21.52	30.00	24.32	36.00
5290MHz	Pass	3.20	20.63	20.49	23.57	24.00	26.77	30.00
5530MHz	Pass	2.90	20.18	20.44	23.32	24.00	26.22	30.00
5610MHz	Pass	2.90	20.46	20.55	23.52	24.00	26.42	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.90	20.29	20.03	23.17	24.00	26.07	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.50	4.63	4.36	7.51	30.00	10.01	36.00
5775MHz	Pass	2.50	20.75	20.91	23.84	30.00	26.34	36.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.80	15.94	15.68	18.82	30.00	21.62	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.20	16.51	15.95	19.25	24.00	22.45	30.00
5570MHz	Pass	2.90	20.76	20.42	23.60	24.00	26.50	30.00

DG = Directional Gain; Port X = Port X output power
Cross-polarized antenna is applied for the device and two antenna have different gain thus larger gain is considered as directional gain.

802.11a_Nss1,(6Mbps)_2TX AV Power

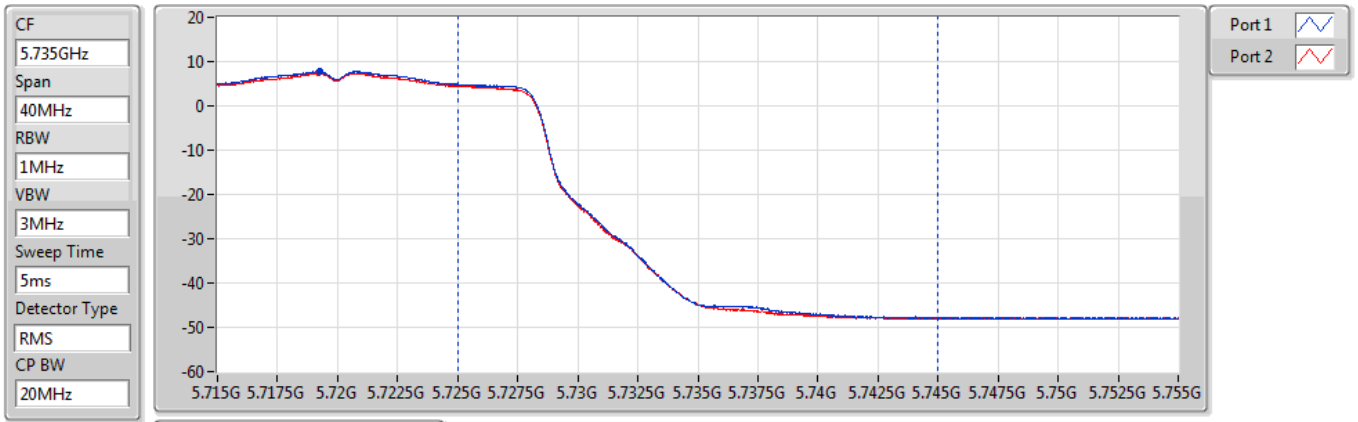
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
21.33	18.54	18.09

802.11a_Nss1,(6Mbps)_2TX AV Power

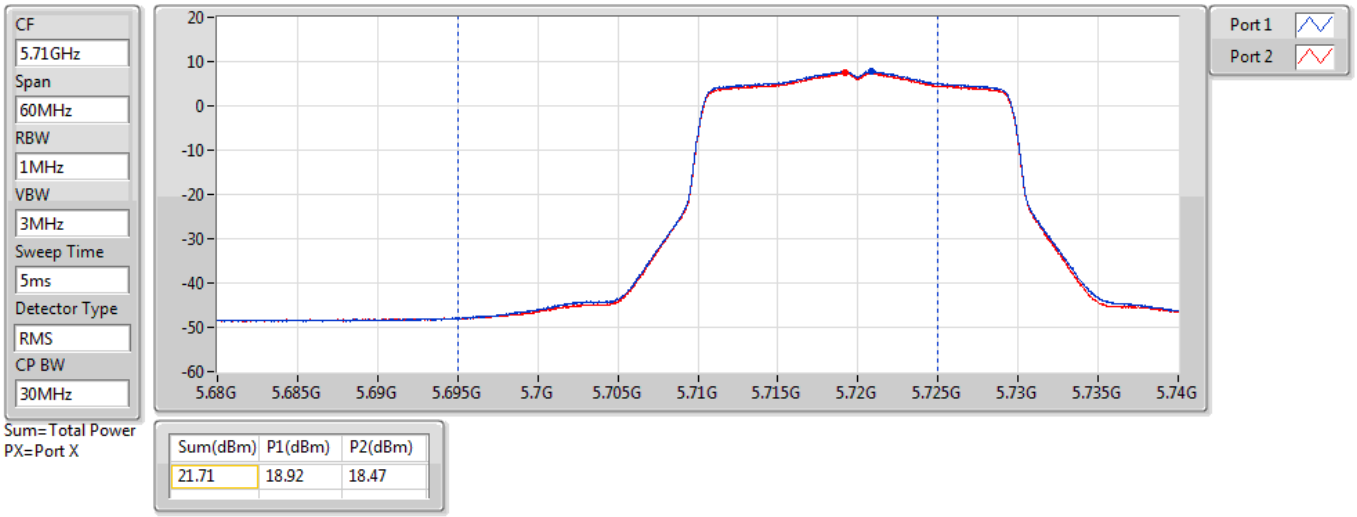
5720MHz Straddle 5.725-5.85GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
13.54	10.76	10.28

802.11ax HEW20_Nss2,(MCS0)_2TX AV Power

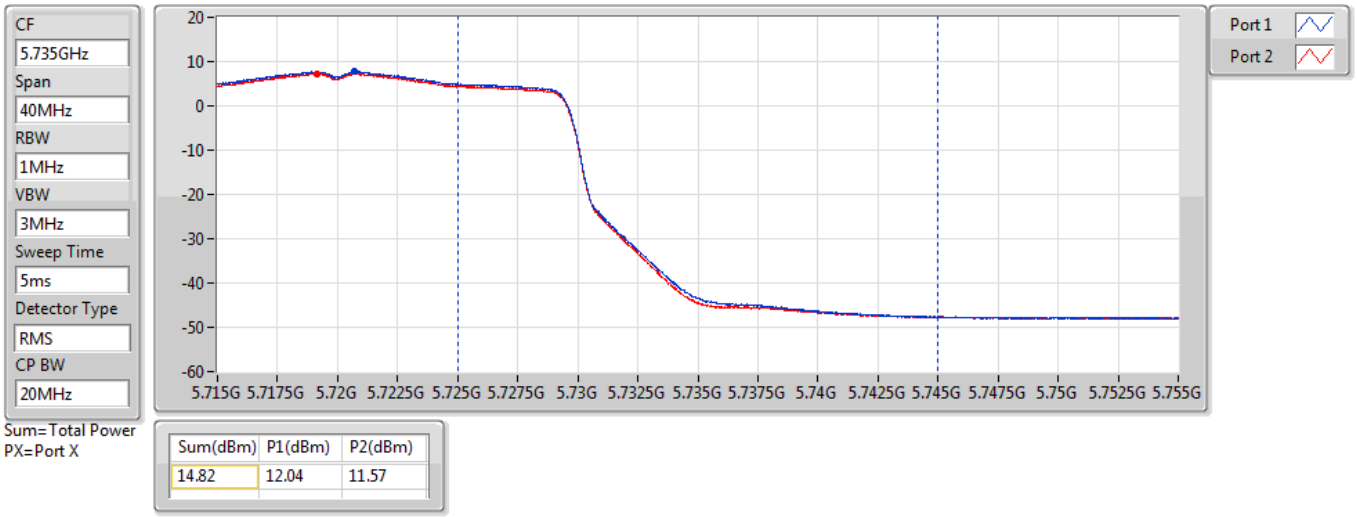
5720MHz Straddle 5.47-5.725GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
21.71	18.92	18.47

802.11ax HEW20_Nss2,(MCS0)_2TX AV Power

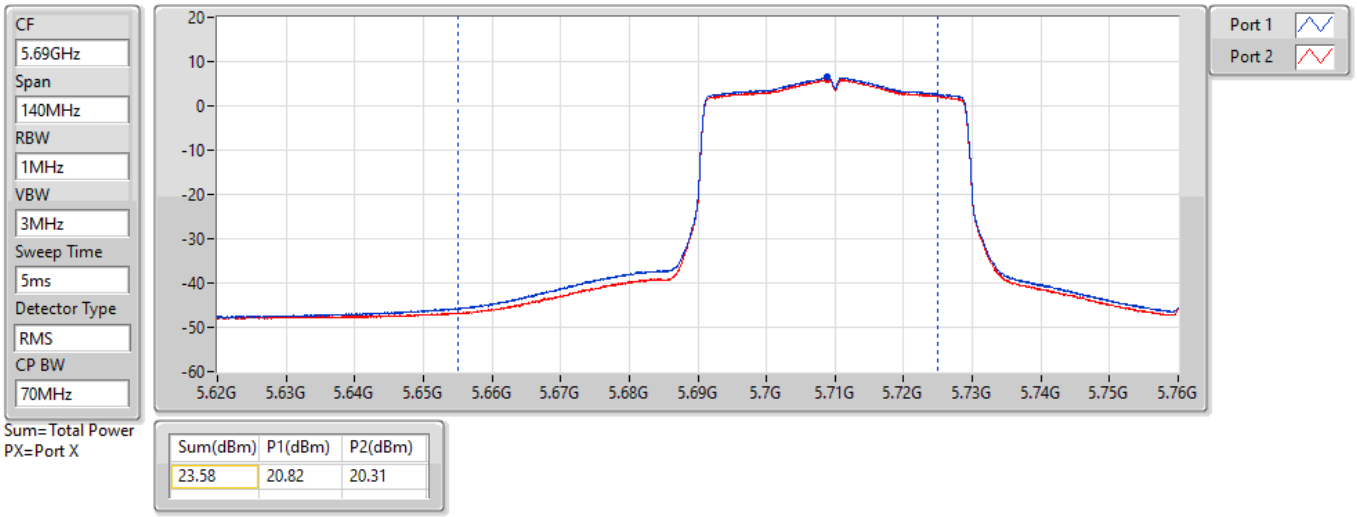
5720MHz Straddle 5.725-5.85GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
14.82	12.04	11.57

802.11ax HEW40_Nss2,(MCS0)_2TX AV Power

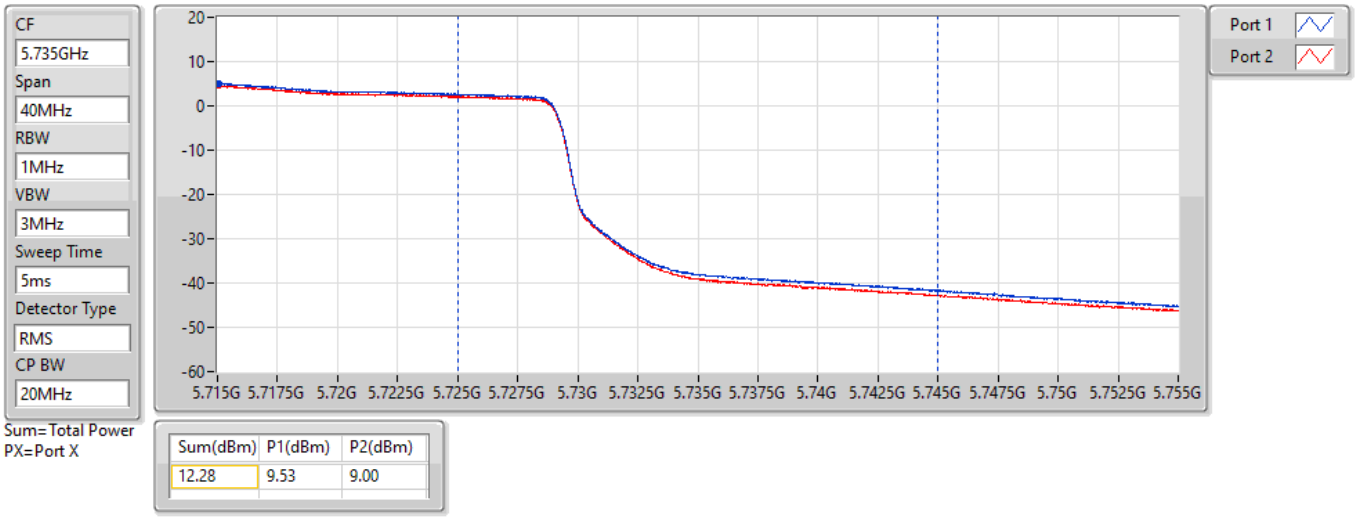
5710MHz Straddle 5.47-5.725GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
23.58	20.82	20.31

802.11ax HEW40_Nss2,(MCS0)_2TX AV Power

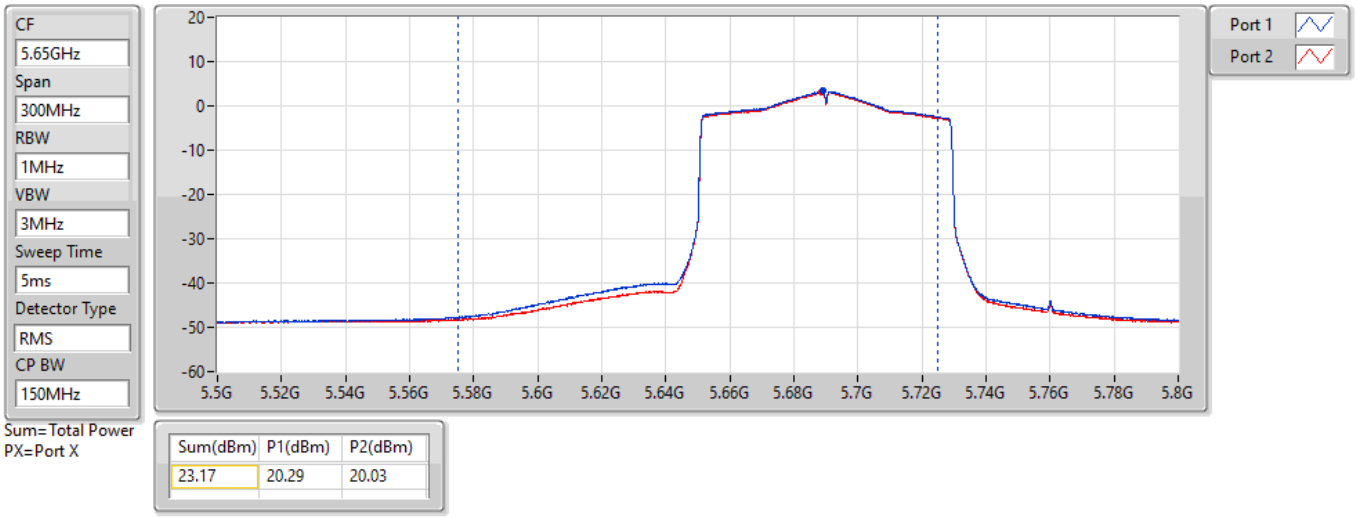
5710MHz Straddle 5.725-5.85GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
12.28	9.53	9.00

802.11ax HEW80_Nss2,(MCS0)_2TX AV Power

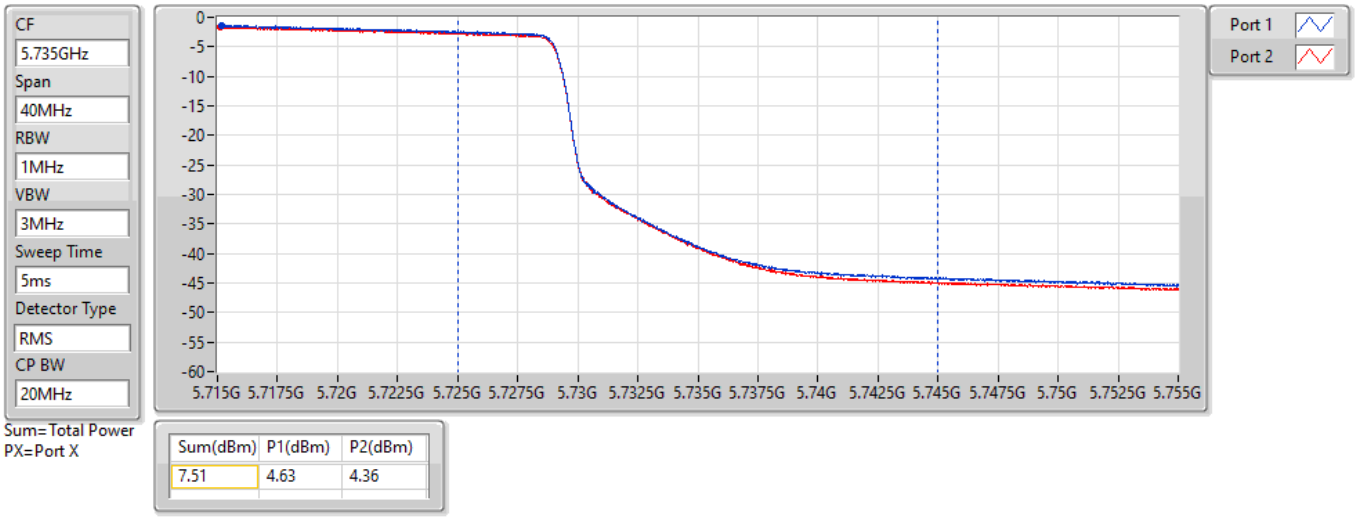
5690MHz Straddle 5.47-5.725GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
23.17	20.29	20.03

802.11ax HEW80_Nss2,(MCS0)_2TX AV Power

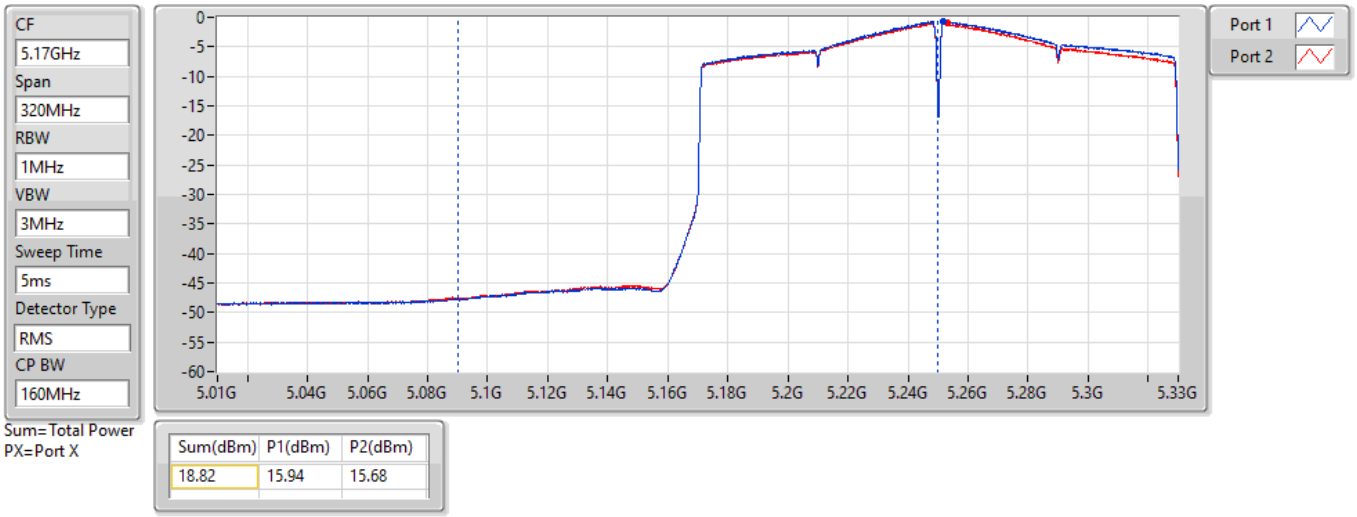
5690MHz Straddle 5.725-5.85GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
7.51	4.63	4.36

802.11ax HEW160_Nss2,(MCS0)_2TX AV Power

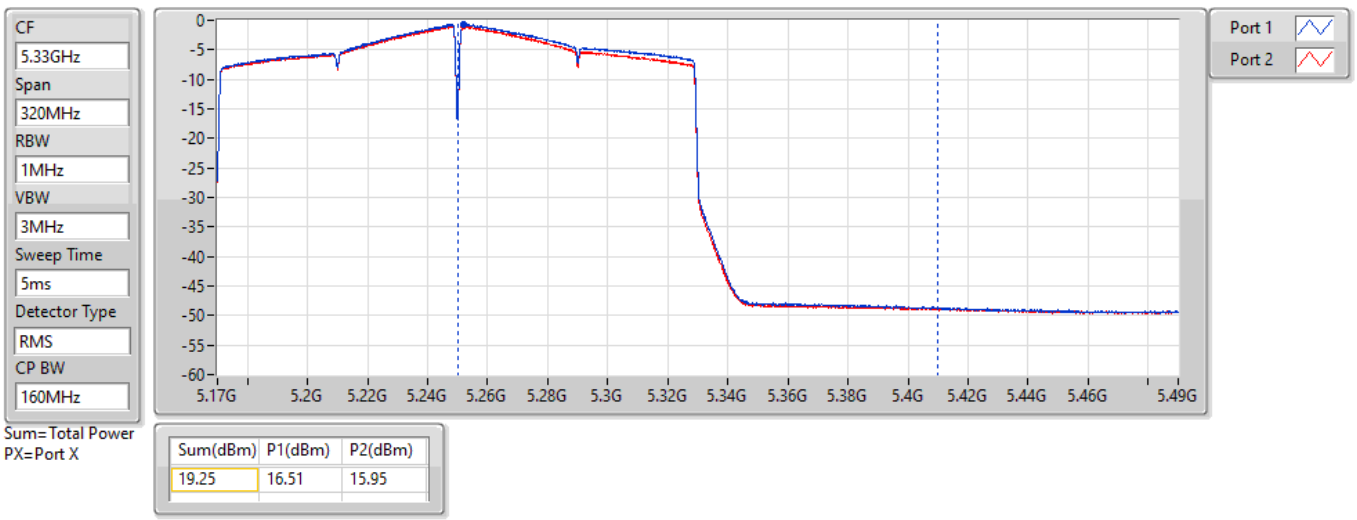
5250MHz Straddle 5.15-5.25GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
18.82	15.94	15.68

802.11ax HEW160_Nss2,(MCS0)_2TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom



Sum(dBm)	P1(dBm)	P2(dBm)
19.25	16.51	15.95

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_2TX	21.93	0.15596	24.73	0.29717
802.11ax HEW40-BF_Nss2,(MCS0)_2TX	22.01	0.15885	24.81	0.30269
802.11ax HEW80-BF_Nss2,(MCS0)_2TX	18.51	0.07096	21.31	0.13521
802.11ax HEW160-BF_Nss2,(MCS0)_2TX	15.81	0.03811	18.61	0.07261
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_2TX	19.48	0.08872	22.68	0.18535
802.11ax HEW40-BF_Nss2,(MCS0)_2TX	20.54	0.11324	23.74	0.23659
802.11ax HEW80-BF_Nss2,(MCS0)_2TX	20.56	0.11376	23.76	0.23768
802.11ax HEW160-BF_Nss2,(MCS0)_2TX	16.24	0.04207	19.44	0.08790
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_2TX	19.57	0.09057	22.47	0.17660
802.11ax HEW40-BF_Nss2,(MCS0)_2TX	20.57	0.11402	23.47	0.22233
802.11ax HEW80-BF_Nss2,(MCS0)_2TX	20.51	0.11246	23.41	0.21928
802.11ax HEW160-BF_Nss2,(MCS0)_2TX	20.59	0.11455	23.49	0.22336
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_2TX	22.88	0.19409	25.38	0.34514
802.11ax HEW40-BF_Nss2,(MCS0)_2TX	22.37	0.17258	24.87	0.30690
802.11ax HEW80-BF_Nss2,(MCS0)_2TX	20.83	0.12106	23.33	0.21528

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.80	17.88	18.01	20.96	30.00	23.76	36.00
5200MHz	Pass	2.80	18.75	19.08	21.93	30.00	24.73	36.00
5240MHz	Pass	2.80	18.64	19.17	21.92	30.00	24.72	36.00
5260MHz	Pass	3.20	16.11	16.55	19.35	24.00	22.55	30.00
5300MHz	Pass	3.20	16.61	16.33	19.48	24.00	22.68	30.00
5320MHz	Pass	3.20	16.57	16.34	19.47	24.00	22.67	30.00
5500MHz	Pass	2.90	16.51	16.57	19.55	24.00	22.45	30.00
5580MHz	Pass	2.90	16.48	16.63	19.57	24.00	22.47	30.00
5700MHz	Pass	2.90	16.55	16.44	19.51	24.00	22.41	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.90	15.91	15.46	18.70	24.00	21.60	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.50	9.03	8.56	11.81	30.00	14.31	36.00
5745MHz	Pass	2.50	19.84	19.9	22.88	30.00	25.38	36.00
5785MHz	Pass	2.50	19.73	19.64	22.70	30.00	25.20	36.00
5825MHz	Pass	2.50	19.91	19.7	22.82	30.00	25.32	36.00
802.11ax HEW40-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.80	17.31	17.55	20.44	30.00	23.24	36.00
5230MHz	Pass	2.80	18.75	19.24	22.01	30.00	24.81	36.00
5270MHz	Pass	3.20	17.56	17.5	20.54	24.00	23.74	30.00
5310MHz	Pass	3.20	17.45	17.48	20.48	24.00	23.68	30.00
5510MHz	Pass	2.90	16.04	16.2	19.13	24.00	22.03	30.00
5590MHz	Pass	2.90	17.44	17.66	20.56	24.00	23.46	30.00
5670MHz	Pass	2.90	17.47	17.58	20.54	24.00	23.44	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.90	17.81	17.3	20.57	24.00	23.47	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.50	6.52	5.99	9.27	30.00	11.77	36.00
5755MHz	Pass	2.50	18.58	18.74	21.67	30.00	24.17	36.00
5795MHz	Pass	2.50	19.4	19.31	22.37	30.00	24.87	36.00
802.11ax HEW80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.80	15.75	15.23	18.51	30.00	21.31	36.00
5290MHz	Pass	3.20	17.62	17.48	20.56	24.00	23.76	30.00
5530MHz	Pass	2.90	17.17	17.43	20.31	24.00	23.21	30.00
5610MHz	Pass	2.90	17.45	17.54	20.51	24.00	23.41	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.90	17.28	17.02	20.16	24.00	23.06	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.50	1.62	1.35	4.50	30.00	7.00	36.00
5775MHz	Pass	2.50	17.74	17.9	20.83	30.00	23.33	36.00
802.11ax HEW160-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.80	12.93	12.67	15.81	30.00	18.61	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.20	13.5	12.94	16.24	24.00	19.44	30.00
5570MHz	Pass	2.90	17.75	17.41	20.59	24.00	23.49	30.00

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

Cross-polarized antenna is applied for the device and two antenna have different gain thus larger gain is considered as directional gain.

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.01	14.81
802.11ax HEW20_Nss2,(MCS0)_2TX	13.50	16.30
802.11ax HEW40_Nss2,(MCS0)_2TX	10.88	13.68
802.11ax HEW80_Nss2,(MCS0)_2TX	5.23	8.03
802.11ax HEW160_Nss2,(MCS0)_2TX	2.73	5.53
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.59	13.79
802.11ax HEW20_Nss2,(MCS0)_2TX	10.87	14.07
802.11ax HEW40_Nss2,(MCS0)_2TX	9.14	12.34
802.11ax HEW80_Nss2,(MCS0)_2TX	7.30	10.50
802.11ax HEW160_Nss2,(MCS0)_2TX	2.79	5.99
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.64	13.54
802.11ax HEW20_Nss2,(MCS0)_2TX	10.85	13.75
802.11ax HEW40_Nss2,(MCS0)_2TX	9.18	12.08
802.11ax HEW80_Nss2,(MCS0)_2TX	6.60	9.50
802.11ax HEW160_Nss2,(MCS0)_2TX	4.25	7.15
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.78	16.28
802.11ax HEW20_Nss2,(MCS0)_2TX	13.39	15.89
802.11ax HEW40_Nss2,(MCS0)_2TX	10.51	13.01
802.11ax HEW80_Nss2,(MCS0)_2TX	5.55	8.05

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

Result

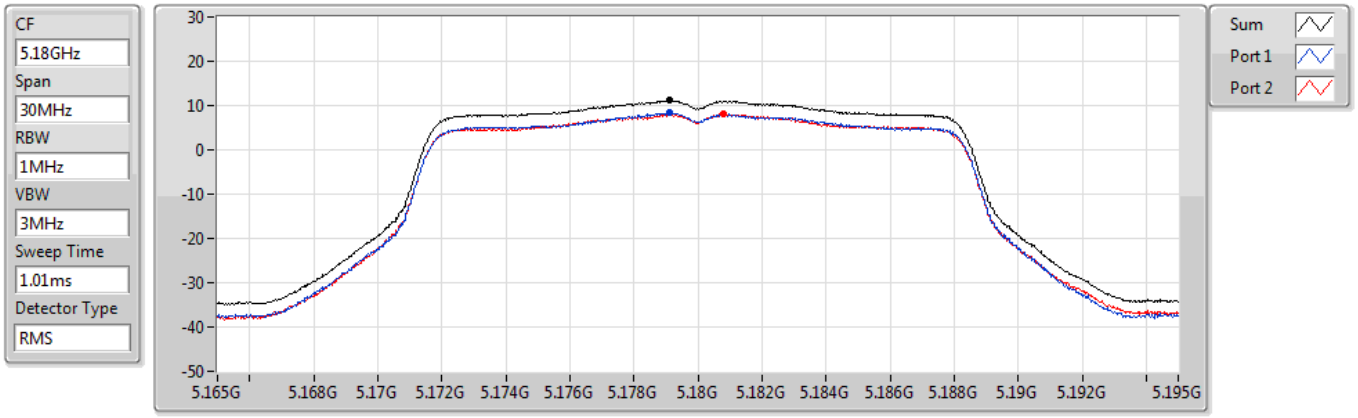
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.80	8.48	8.16	11.16	17.00	13.96	23.00
5200MHz	Pass	2.80	9.09	9.28	12.01	17.00	14.81	23.00
5240MHz	Pass	2.80	8.84	9.07	11.82	17.00	14.62	23.00
5260MHz	Pass	3.20	7.52	7.59	10.41	11.00	13.61	17.00
5300MHz	Pass	3.20	7.86	7.36	10.59	11.00	13.79	17.00
5320MHz	Pass	3.20	7.86	7.59	10.54	11.00	13.74	17.00
5500MHz	Pass	2.90	7.53	7.89	10.63	11.00	13.53	17.00
5580MHz	Pass	2.90	7.39	7.79	10.56	11.00	13.46	17.00
5700MHz	Pass	2.90	7.80	7.47	10.59	11.00	13.49	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.90	7.91	7.46	10.64	11.00	13.54	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.50	3.67	3.16	6.35	30.00	8.85	36.00
5745MHz	Pass	2.50	10.73	10.80	13.78	30.00	16.28	36.00
5785MHz	Pass	2.50	10.72	10.71	13.55	30.00	16.05	36.00
5825MHz	Pass	2.50	10.94	10.45	13.50	30.00	16.00	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.80	9.40	9.37	12.22	17.00	15.02	23.00
5200MHz	Pass	2.80	10.42	10.35	13.40	17.00	16.20	23.00
5240MHz	Pass	2.80	10.29	10.72	13.50	17.00	16.30	23.00
5260MHz	Pass	3.20	7.56	7.88	10.65	11.00	13.85	17.00
5300MHz	Pass	3.20	8.09	7.86	10.87	11.00	14.07	17.00
5320MHz	Pass	3.20	8.07	7.71	10.78	11.00	13.98	17.00
5500MHz	Pass	2.90	7.80	7.97	10.79	11.00	13.69	17.00
5580MHz	Pass	2.90	7.83	7.96	10.85	11.00	13.75	17.00
5700MHz	Pass	2.90	7.95	7.55	10.60	11.00	13.50	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.90	8.09	7.47	10.68	11.00	13.58	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.50	3.60	3.01	6.22	30.00	8.72	36.00
5745MHz	Pass	2.50	10.15	10.16	13.11	30.00	15.61	36.00
5785MHz	Pass	2.50	10.21	10.54	13.39	30.00	15.89	36.00
5825MHz	Pass	2.50	10.31	9.95	13.02	30.00	15.52	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.80	6.24	6.21	9.18	17.00	11.98	23.00
5230MHz	Pass	2.80	7.81	8.07	10.88	17.00	13.68	23.00
5270MHz	Pass	3.20	6.26	6.18	9.14	11.00	12.34	17.00
5310MHz	Pass	3.20	6.15	6.08	9.00	11.00	12.20	17.00
5510MHz	Pass	2.90	4.81	4.86	7.72	11.00	10.62	17.00
5590MHz	Pass	2.90	5.74	5.88	8.76	11.00	11.66	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5670MHz	Pass	2.90	6.27	6.35	9.18	11.00	12.08	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.90	6.51	5.76	9.08	11.00	11.98	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.50	1.19	0.72	3.91	30.00	6.41	36.00
5755MHz	Pass	2.50	5.92	6.06	8.98	30.00	11.48	36.00
5795MHz	Pass	2.50	7.60	7.57	10.51	30.00	13.01	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.80	2.09	2.38	5.23	17.00	8.03	23.00
5290MHz	Pass	3.20	4.25	4.50	7.30	11.00	10.50	17.00
5530MHz	Pass	2.90	3.48	3.76	6.60	11.00	9.50	17.00
5610MHz	Pass	2.90	3.32	3.50	6.31	11.00	9.21	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.90	3.77	3.29	6.50	11.00	9.40	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.50	-3.33	-3.80	-0.61	30.00	1.89	36.00
5775MHz	Pass	2.50	2.66	2.59	5.55	30.00	8.05	36.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.80	-0.06	-0.21	2.73	17.00	5.53	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.20	-0.06	-0.23	2.79	11.00	5.99	17.00
5570MHz	Pass	2.90	1.29	1.26	4.25	11.00	7.15	17.00

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;

802.11a_Nss1,(6Mbps)_2TX PSD

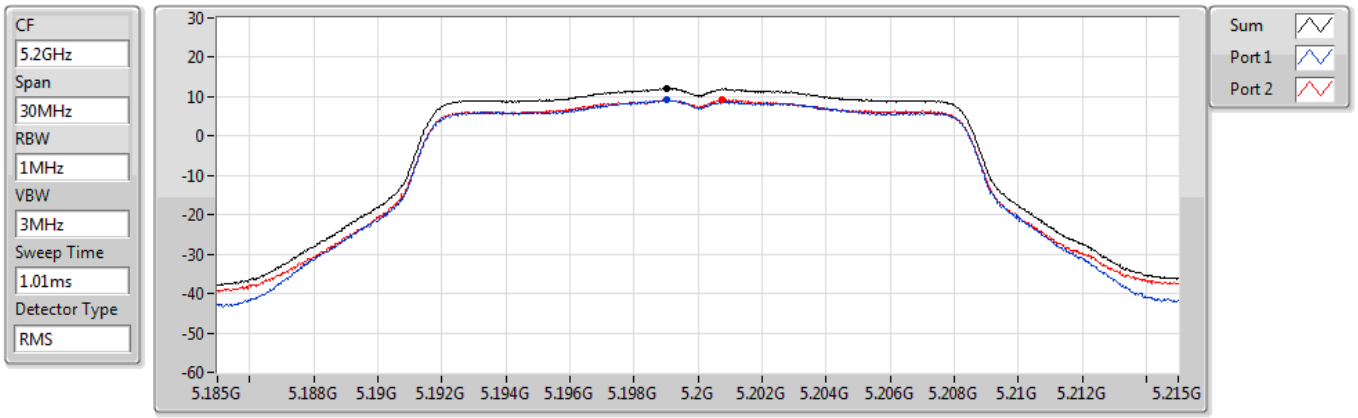
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.16	11.16	8.48	8.16

802.11a_Nss1,(6Mbps)_2TX PSD

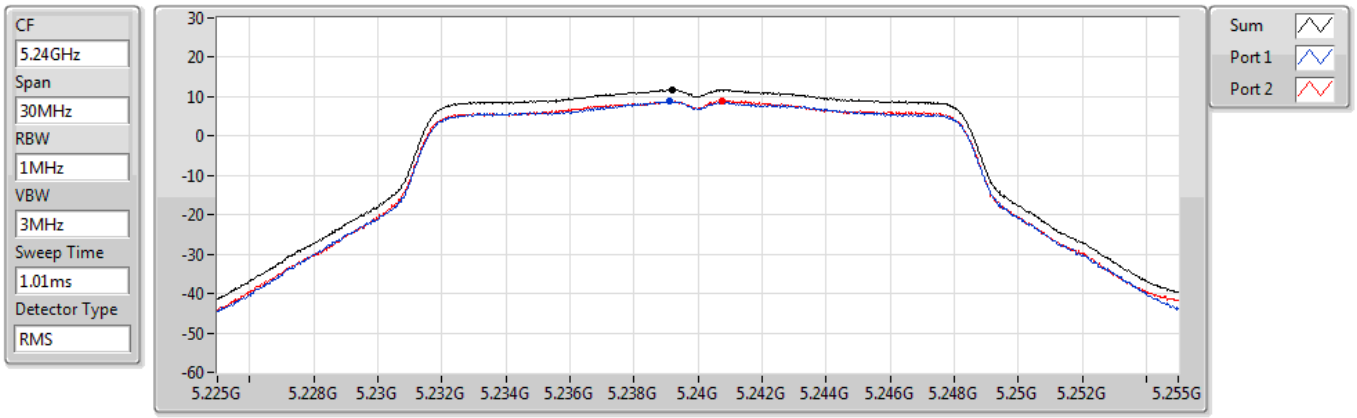
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.01	12.01	9.09	9.28

802.11a_Nss1,(6Mbps)_2TX PSD

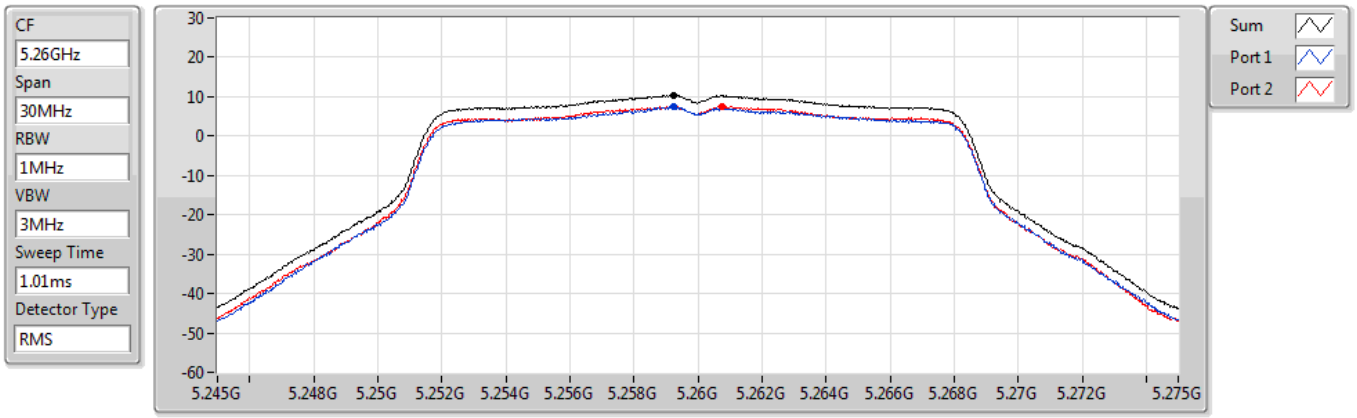
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.82	11.82	8.84	9.07

802.11a_Nss1,(6Mbps)_2TX PSD

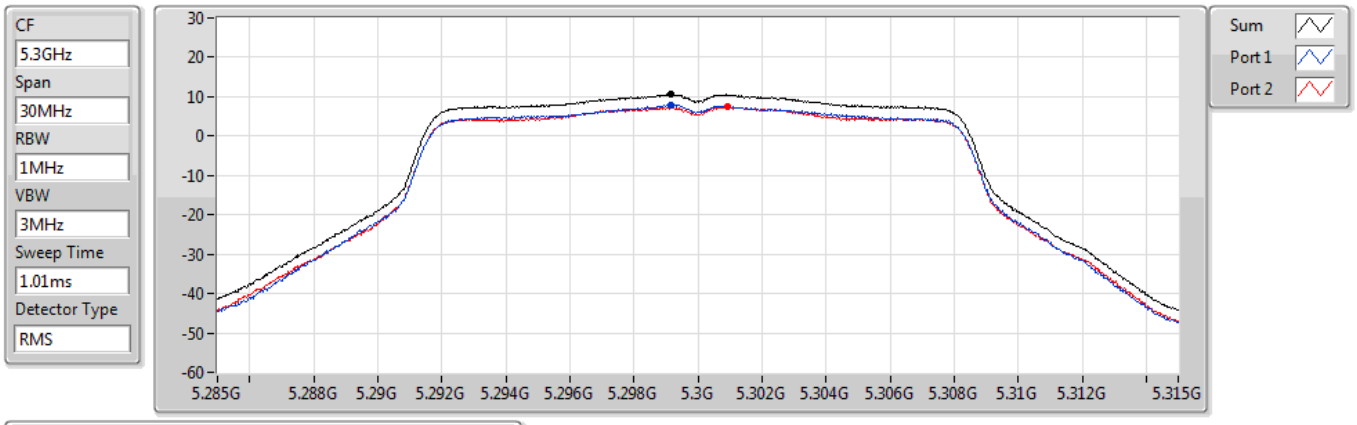
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.41	10.41	7.52	7.59

802.11a_Nss1,(6Mbps)_2TX PSD

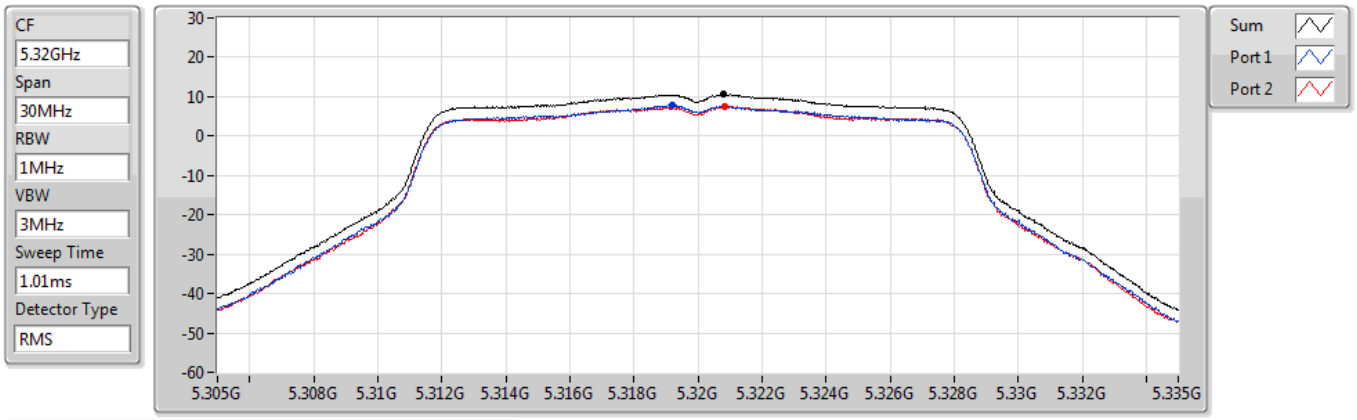
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	7.86	7.36

802.11a_Nss1,(6Mbps)_2TX PSD

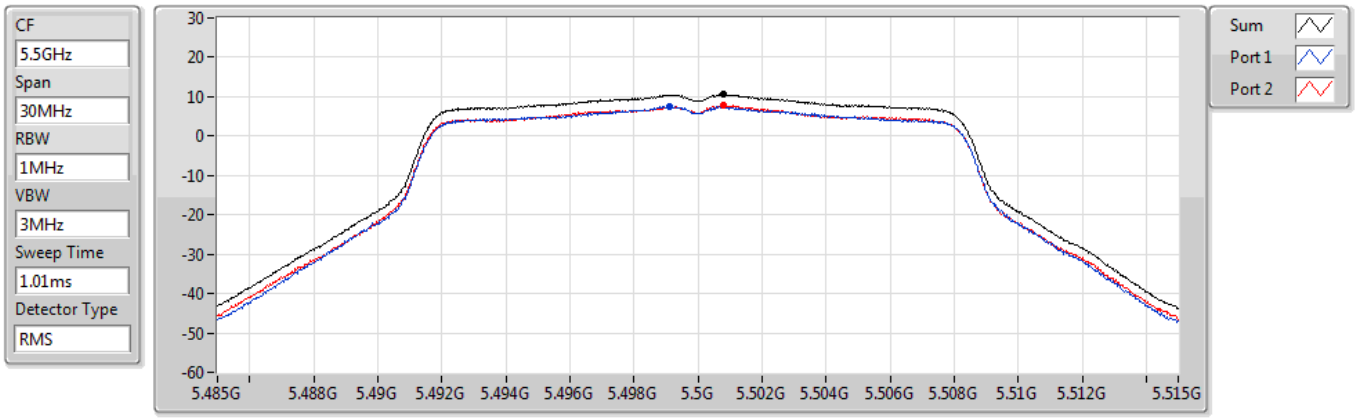
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	7.86	7.59

802.11a_Nss1,(6Mbps)_2TX PSD

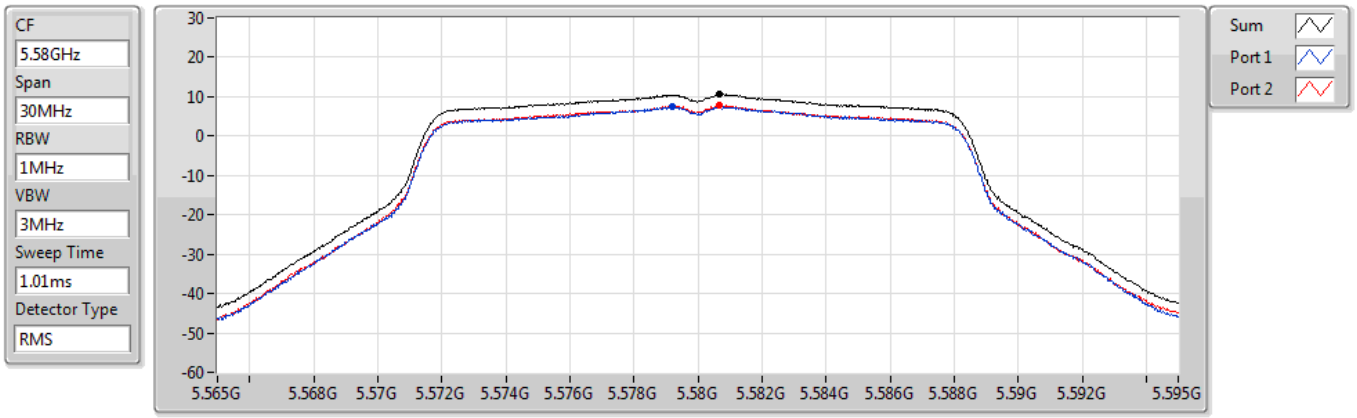
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	7.53	7.89

802.11a_Nss1,(6Mbps)_2TX PSD

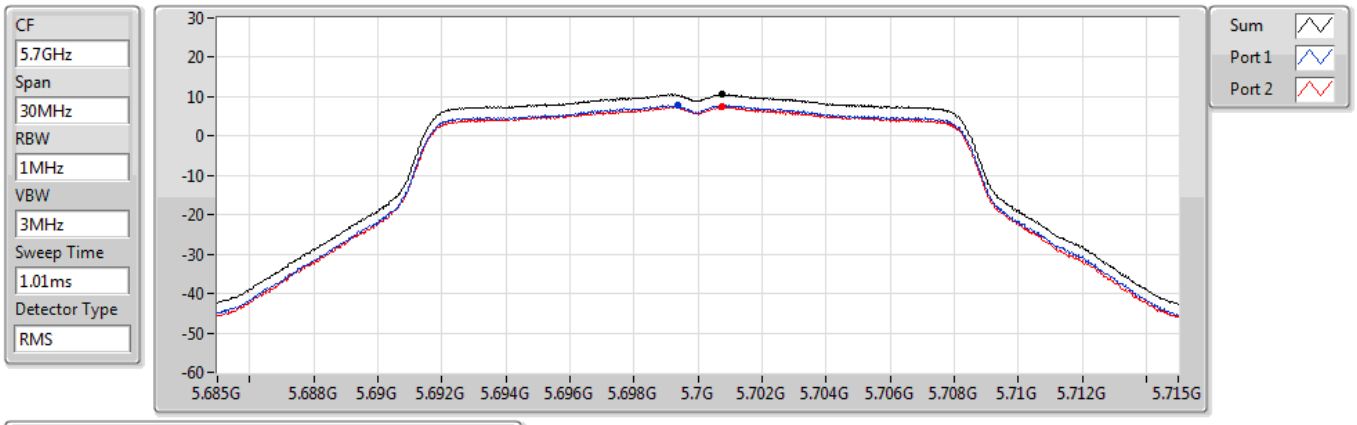
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	7.39	7.79

802.11a_Nss1,(6Mbps)_2TX PSD

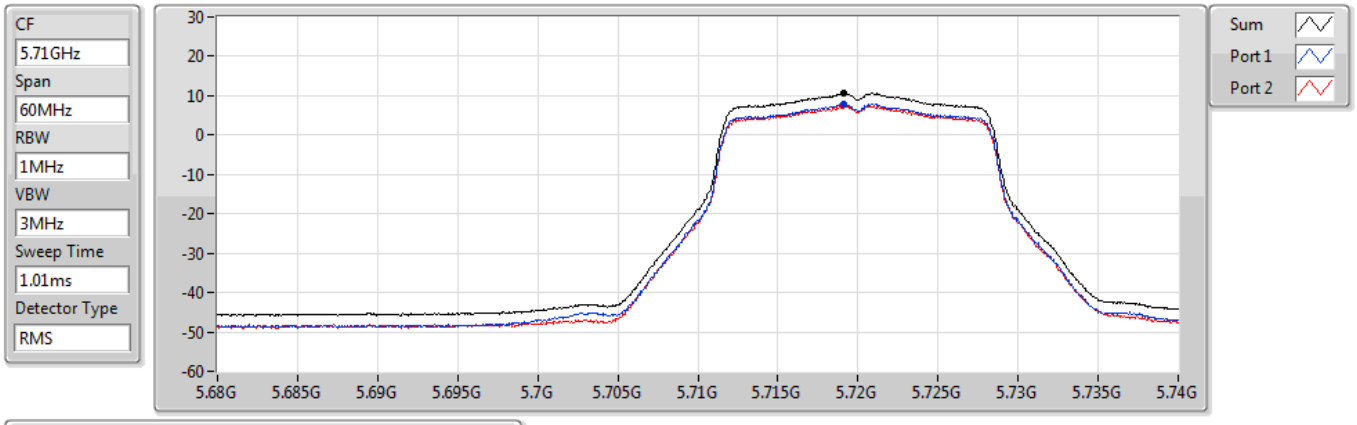
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	7.80	7.47

802.11a_Nss1,(6Mbps)_2TX PSD

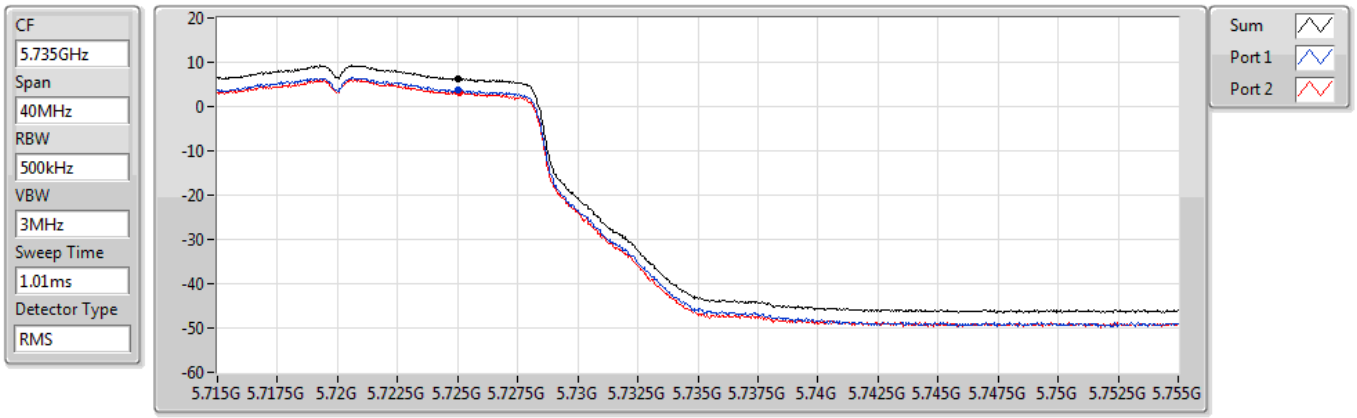
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.64	10.64	7.91	7.46

802.11a_Nss1,(6Mbps)_2TX PSD

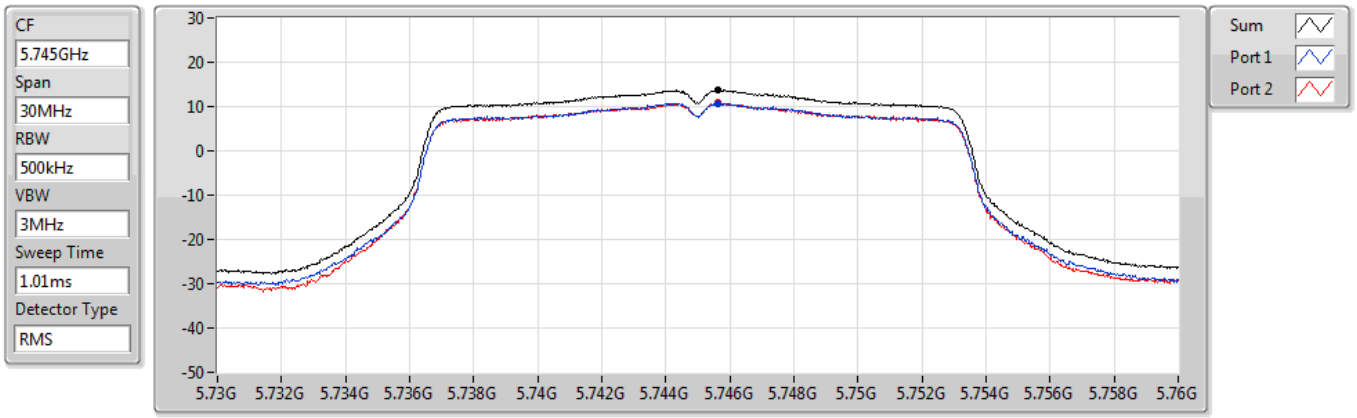
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	3.67	3.16

802.11a_Nss1,(6Mbps)_2TX PSD

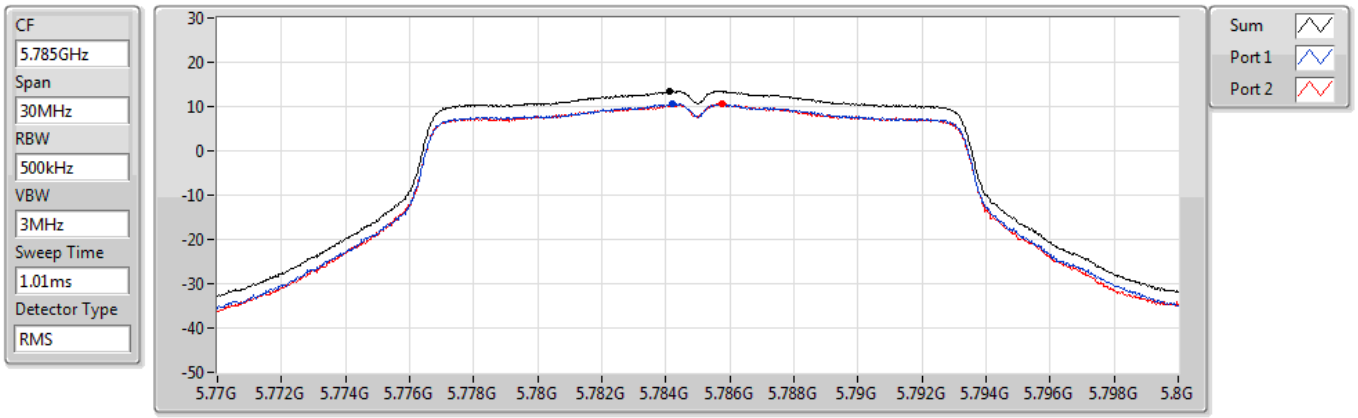
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.78	13.78	10.73	10.80

802.11a_Nss1,(6Mbps)_2TX PSD

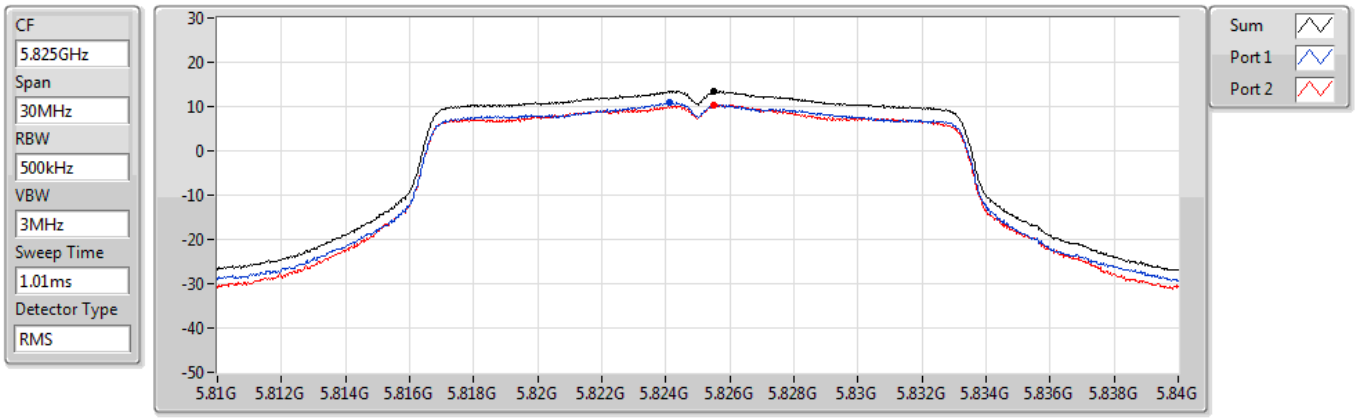
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.55	13.55	10.72	10.71

802.11a_Nss1,(6Mbps)_2TX PSD

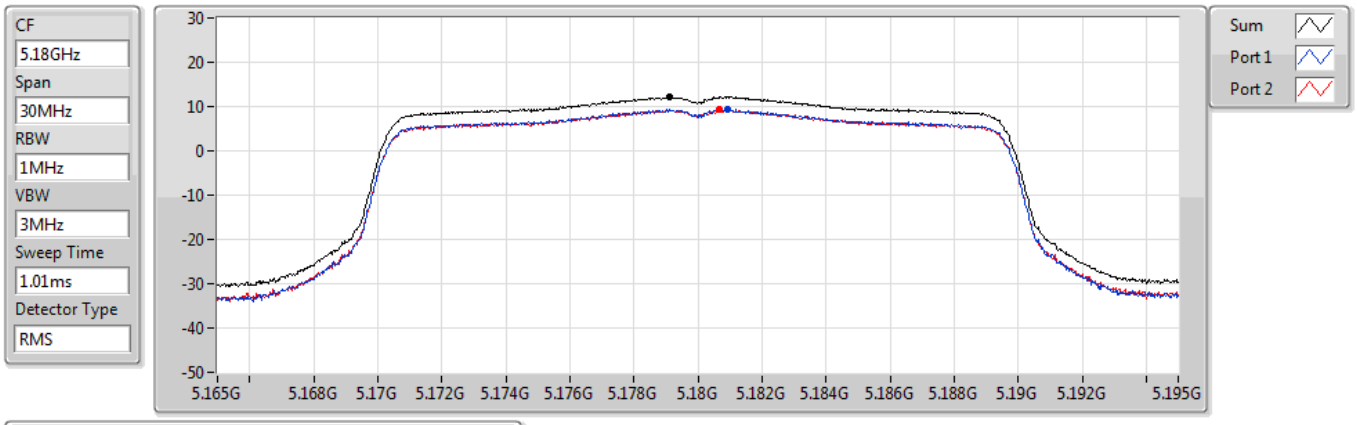
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	10.94	10.45

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

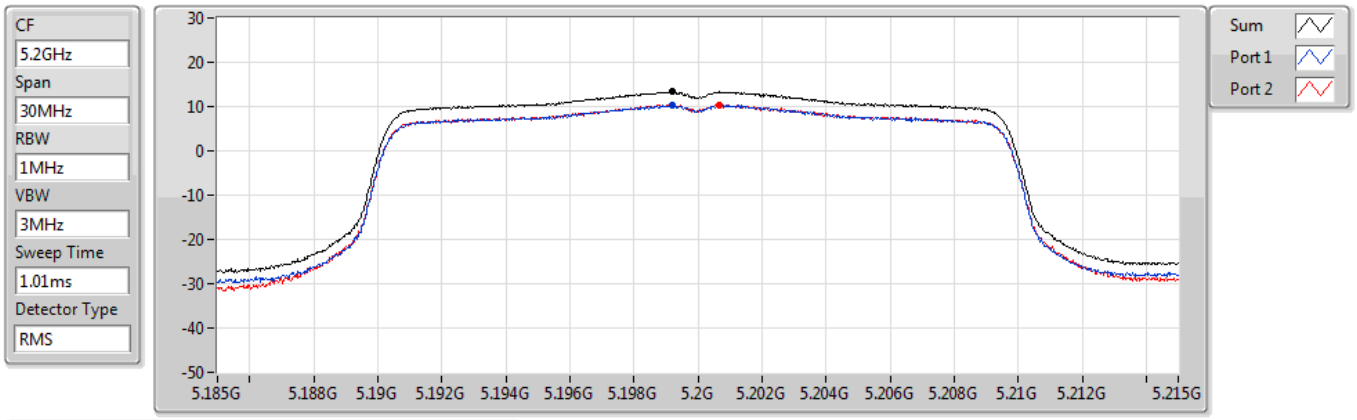
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.22	12.22	9.40	9.37

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

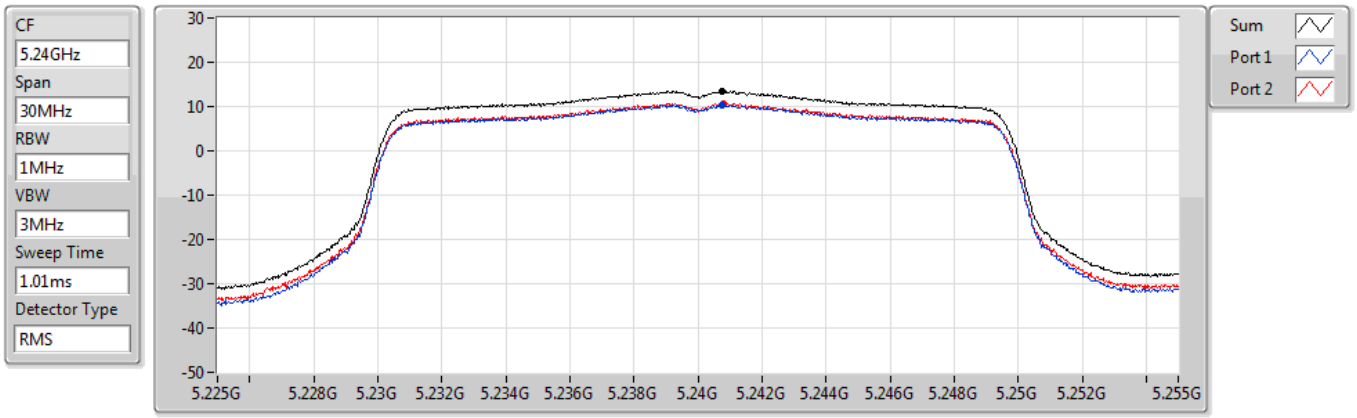
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.40	13.40	10.42	10.35

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

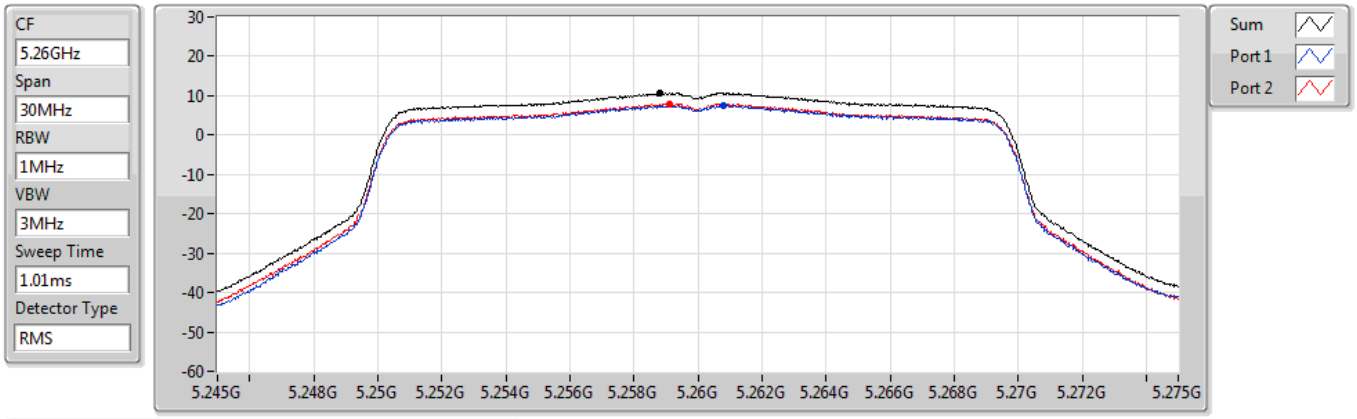
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	10.29	10.72

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

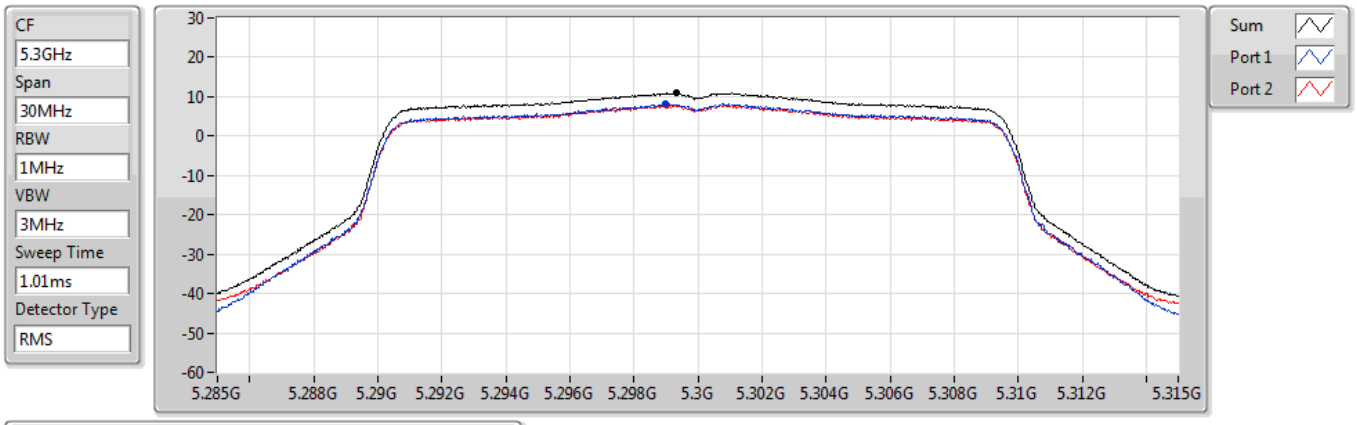
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	7.56	7.88

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

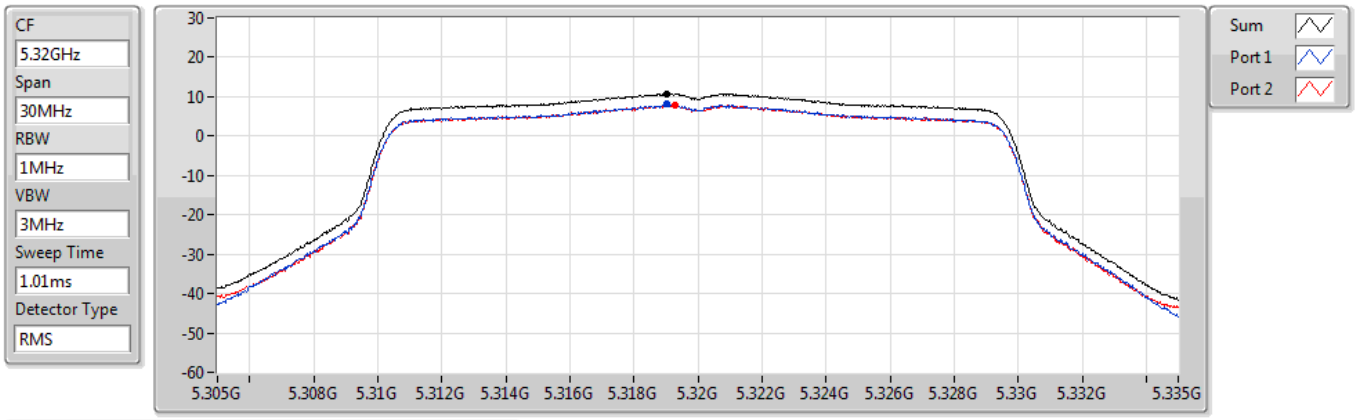
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	8.09	7.86

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

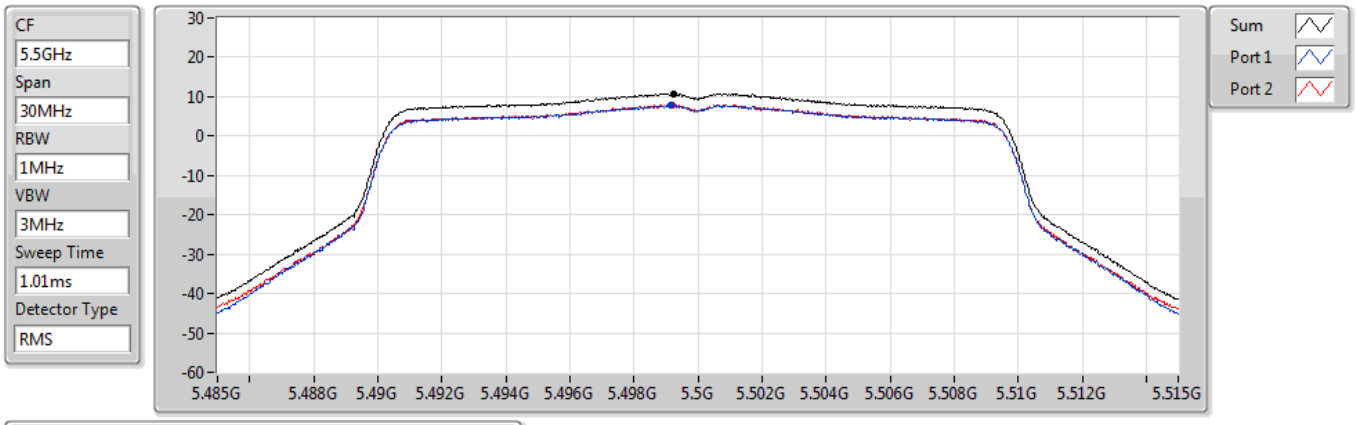
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.78	10.78	8.07	7.71

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

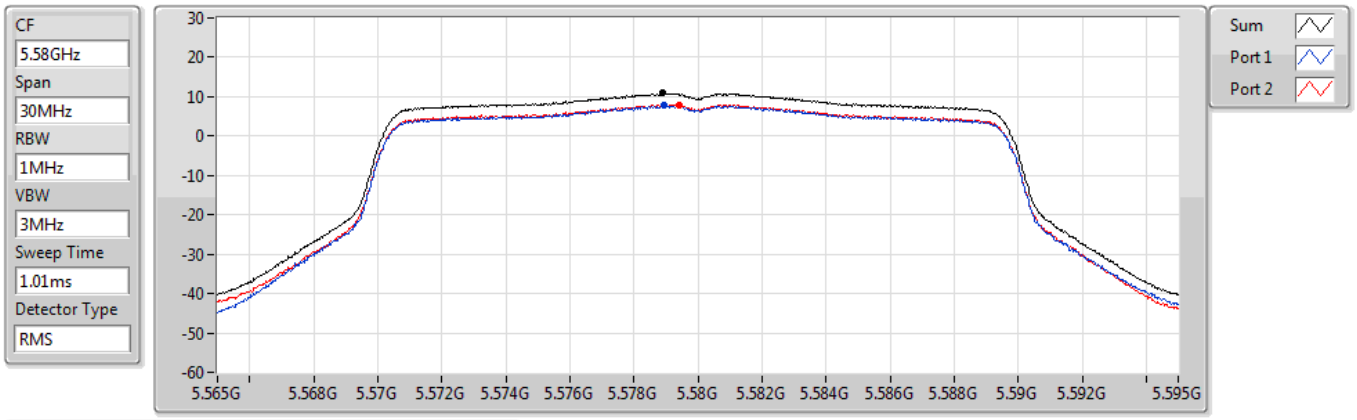
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	7.80	7.97

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

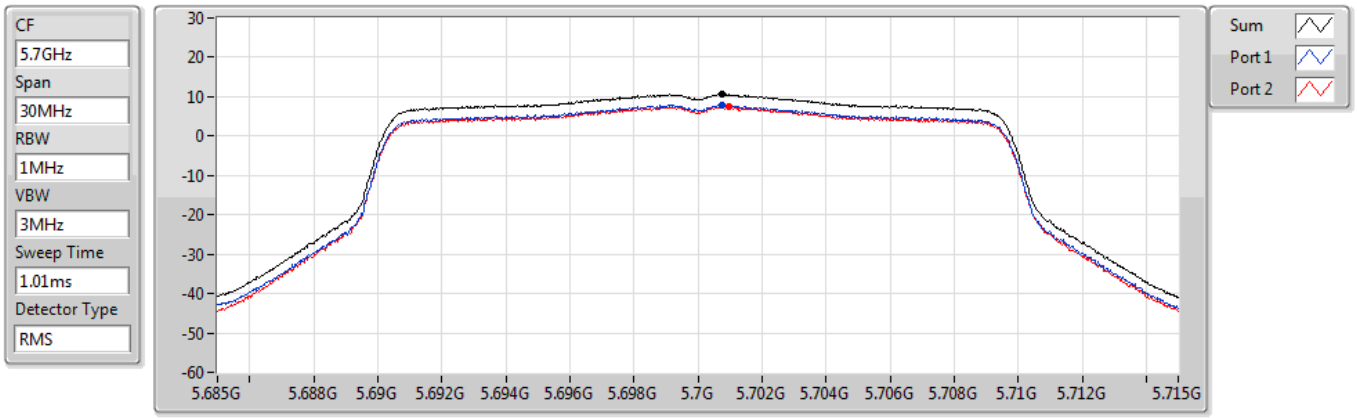
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	7.83	7.96

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

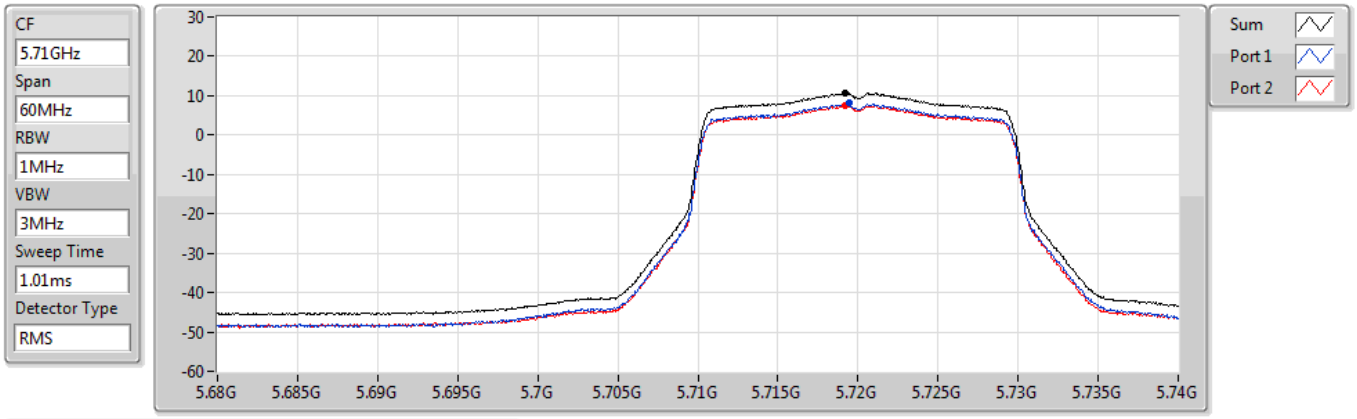
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	7.95	7.55

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

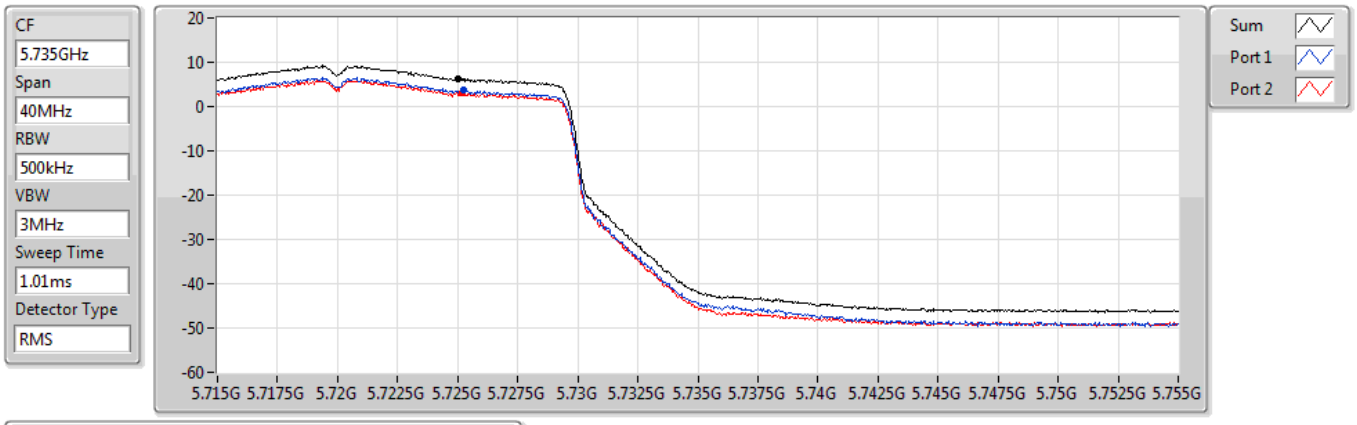
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	8.09	7.47

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

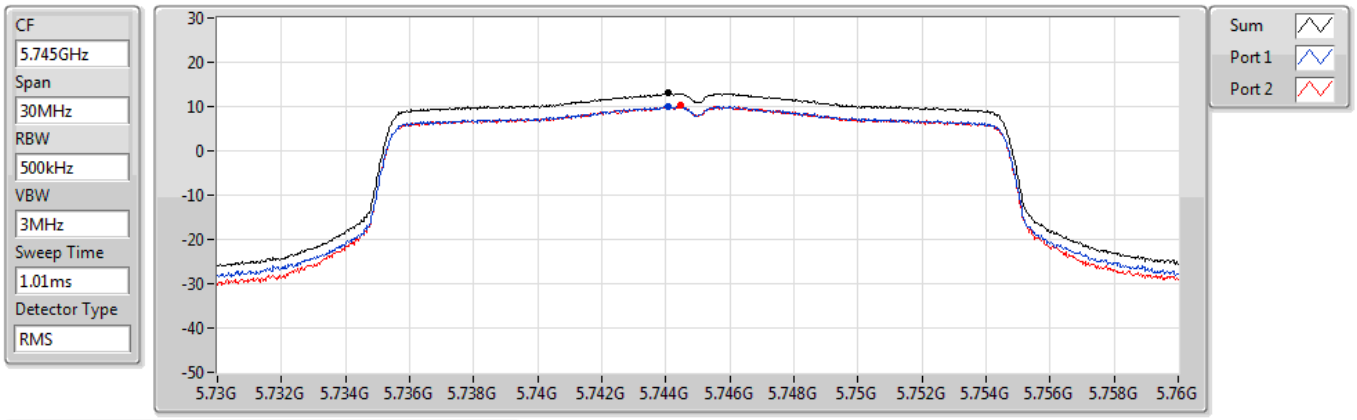
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.22	6.22	3.60	3.01

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

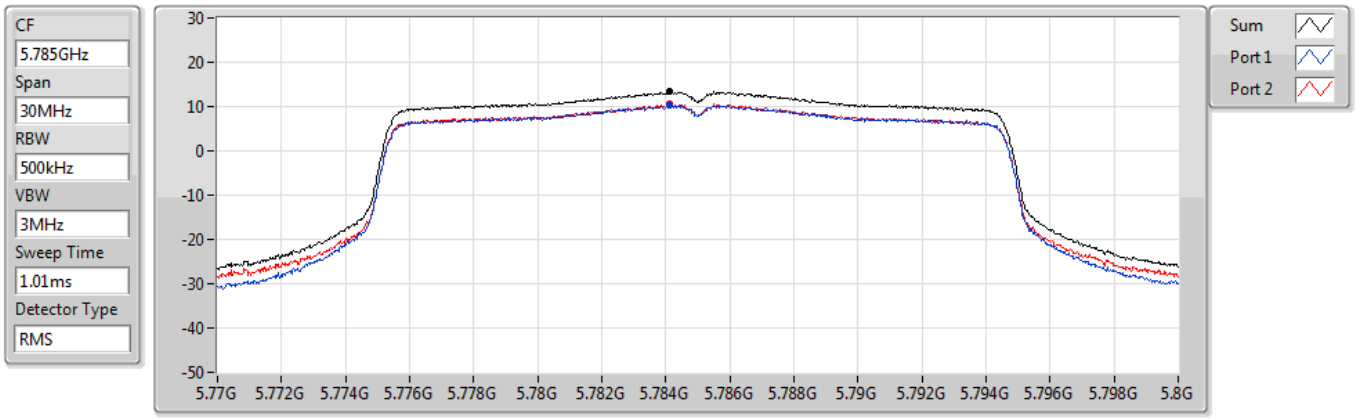
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.11	13.11	10.15	10.16

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

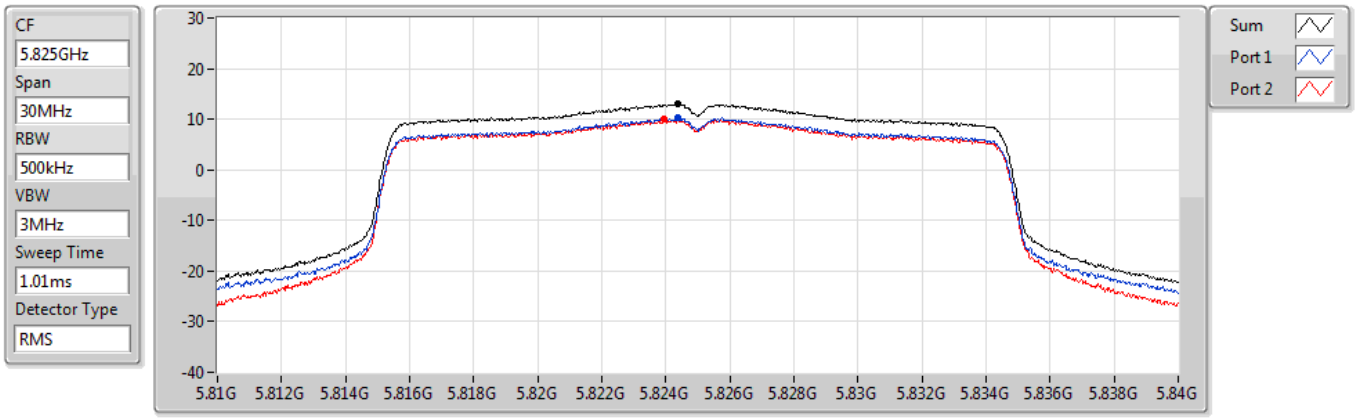
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.39	13.39	10.21	10.54

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

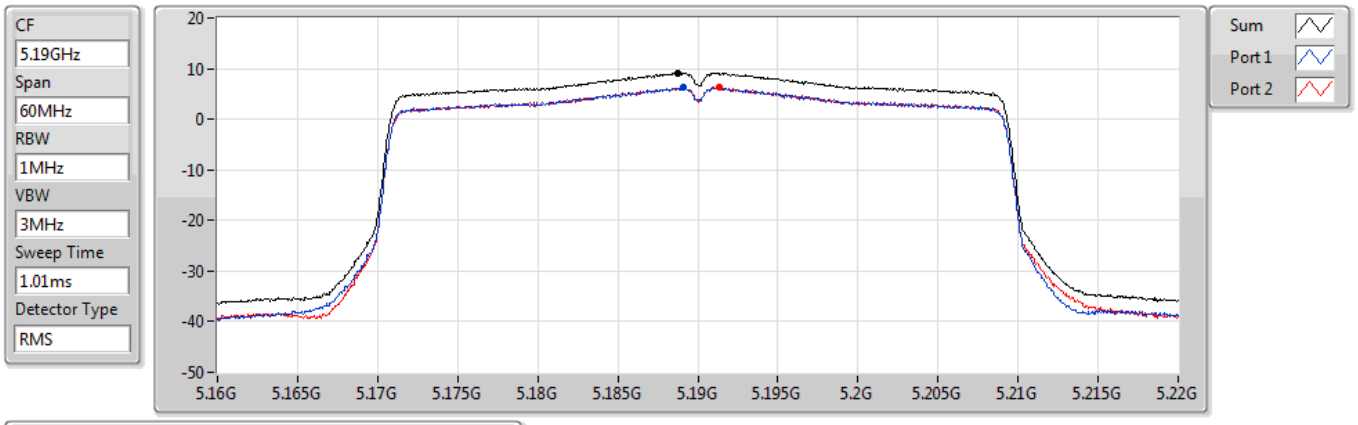
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.02	13.02	10.31	9.95

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

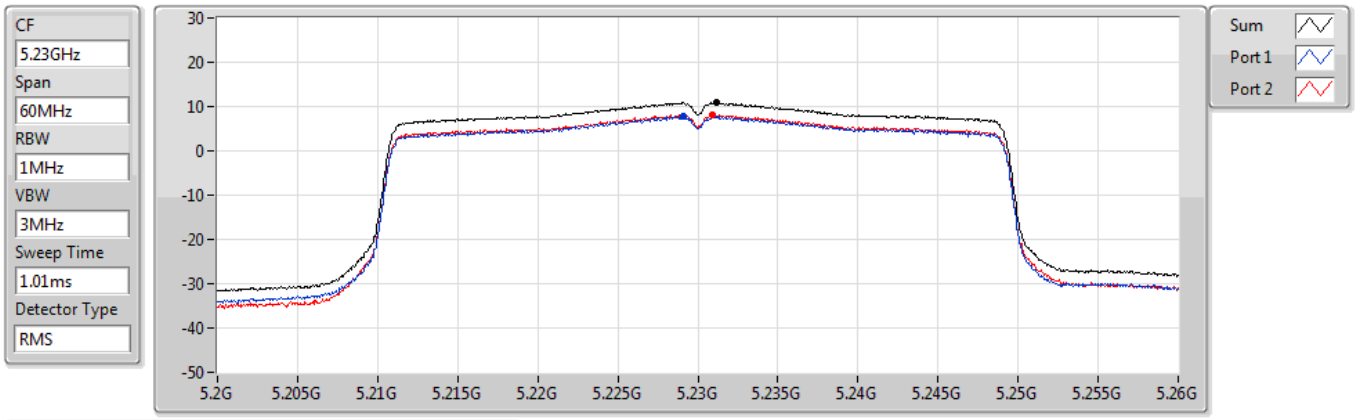
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	6.24	6.21

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

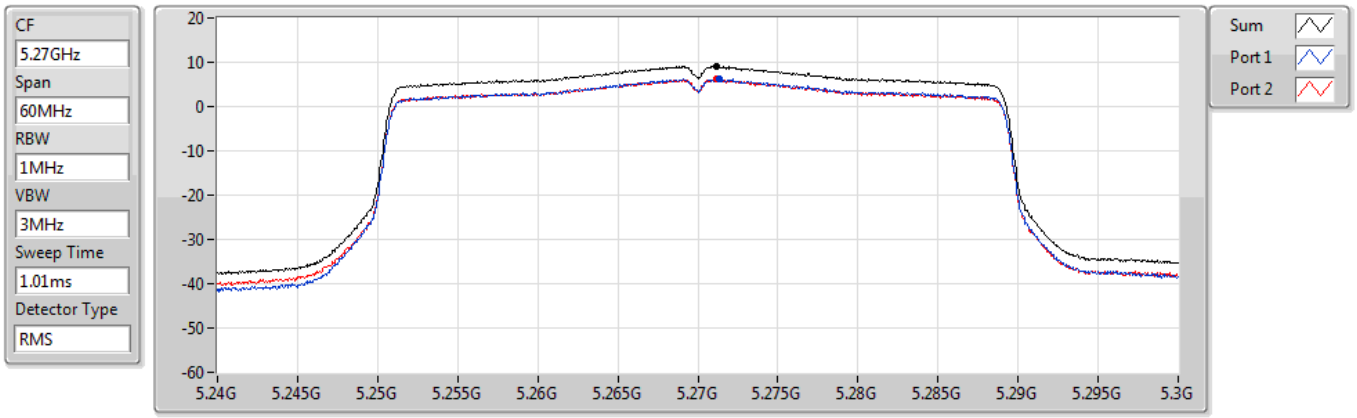
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	7.81	8.07

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

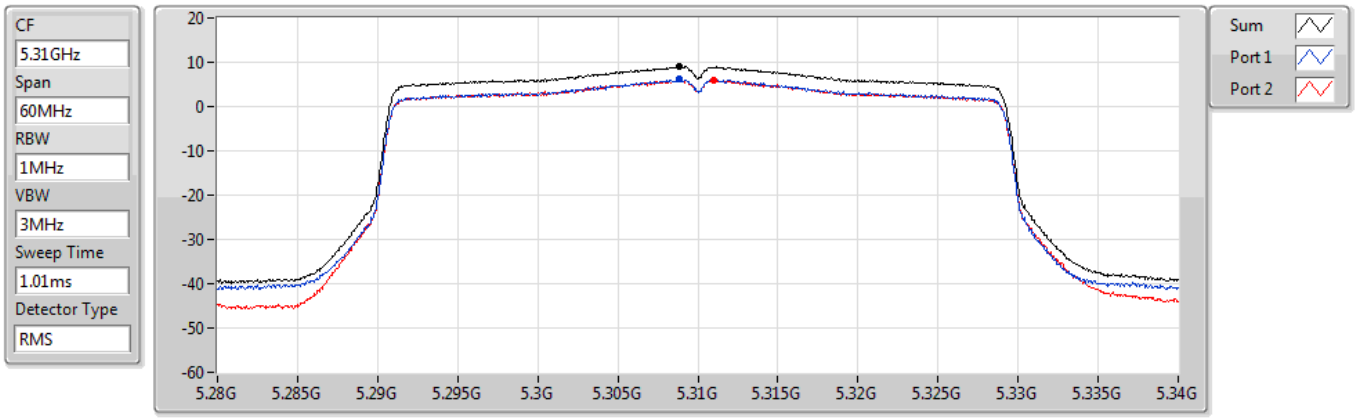
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.14	9.14	6.26	6.18

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

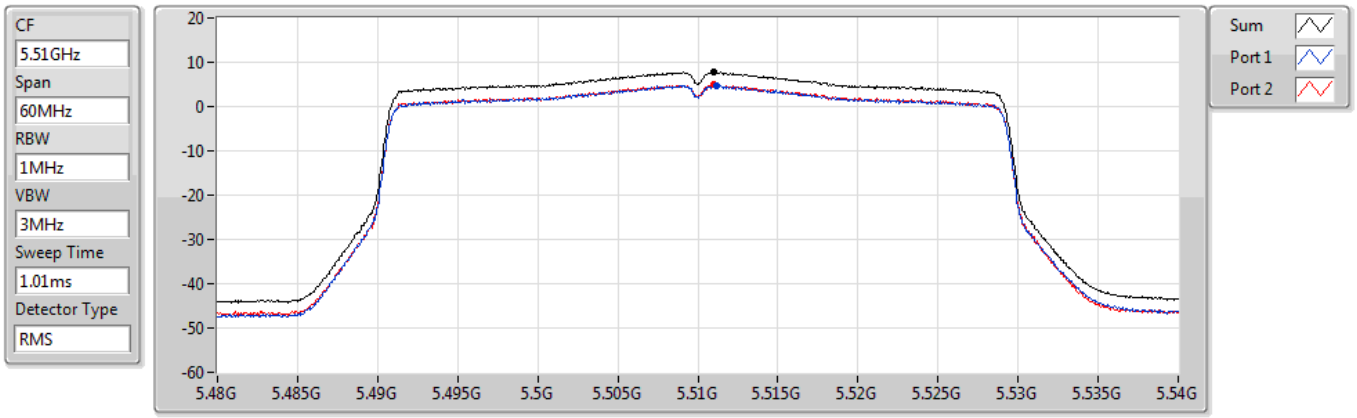
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.00	9.00	6.15	6.08

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

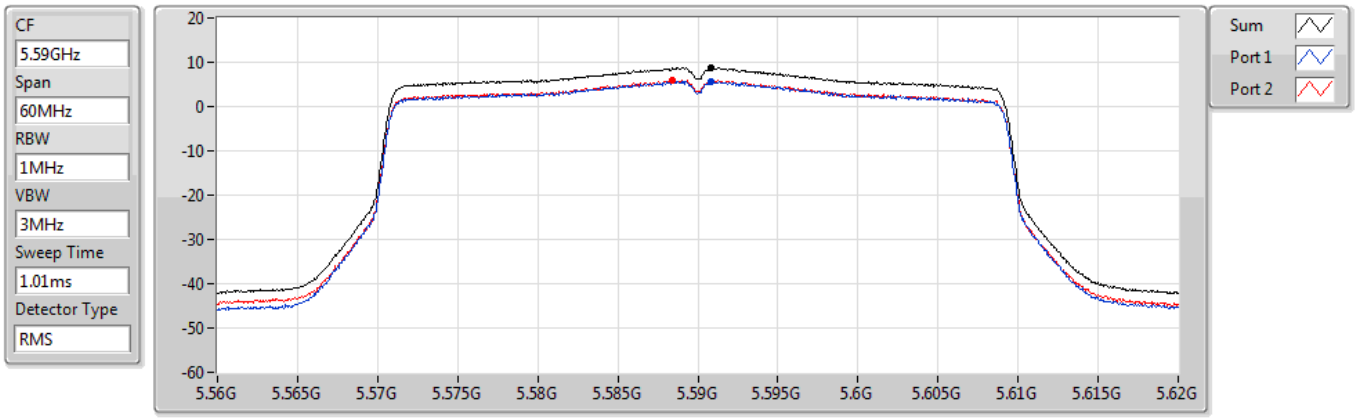
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	4.81	4.86

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

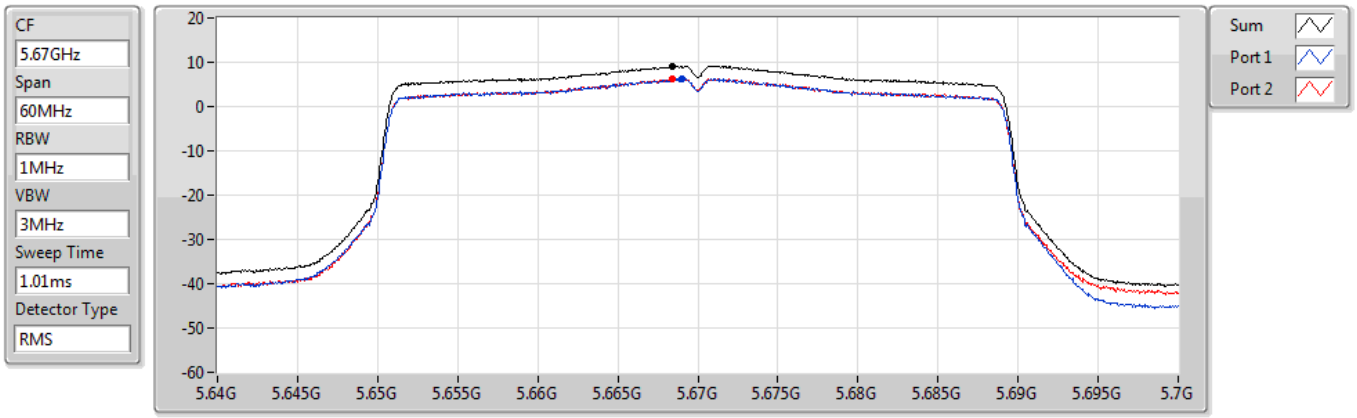
5590MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	5.74	5.88

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

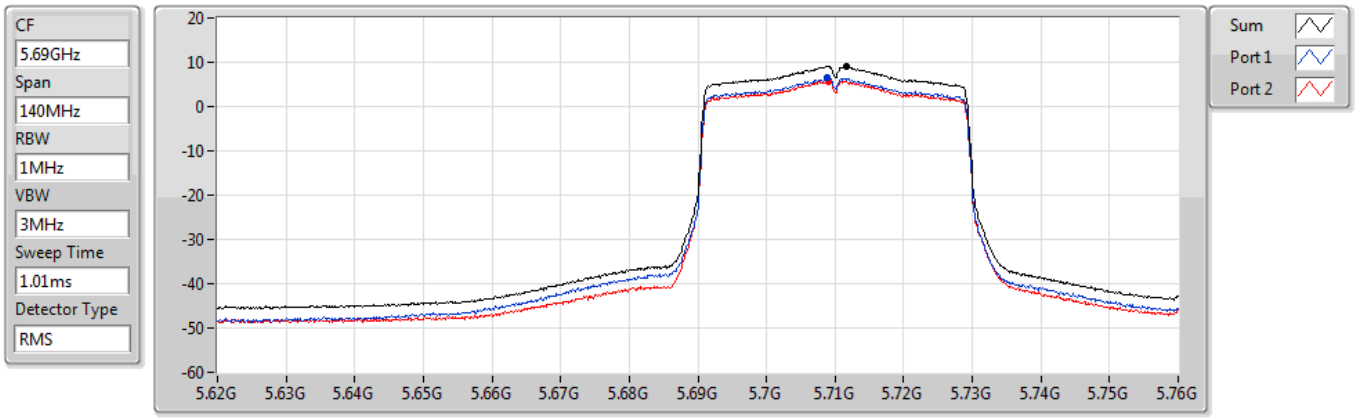
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	6.27	6.35

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

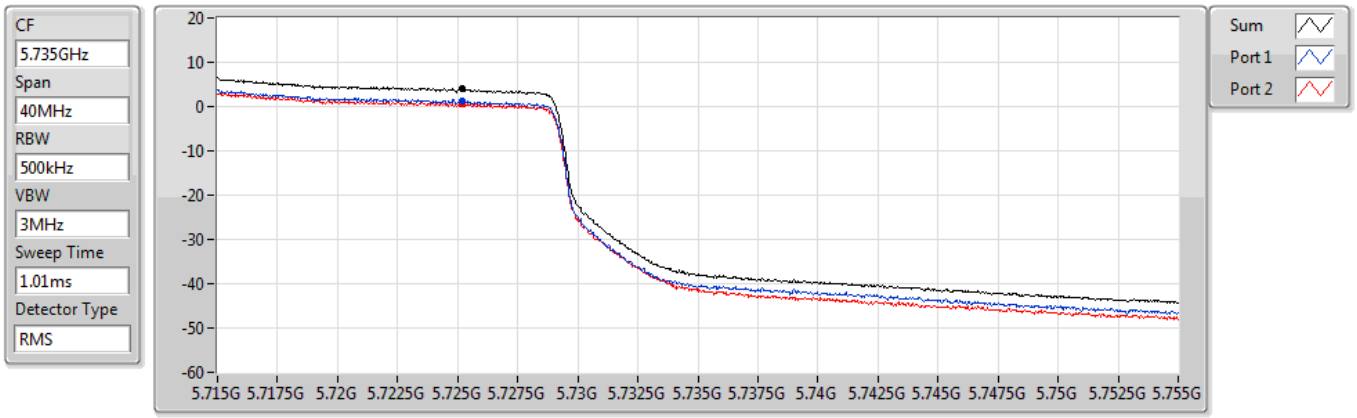
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.08	9.08	6.51	5.76

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

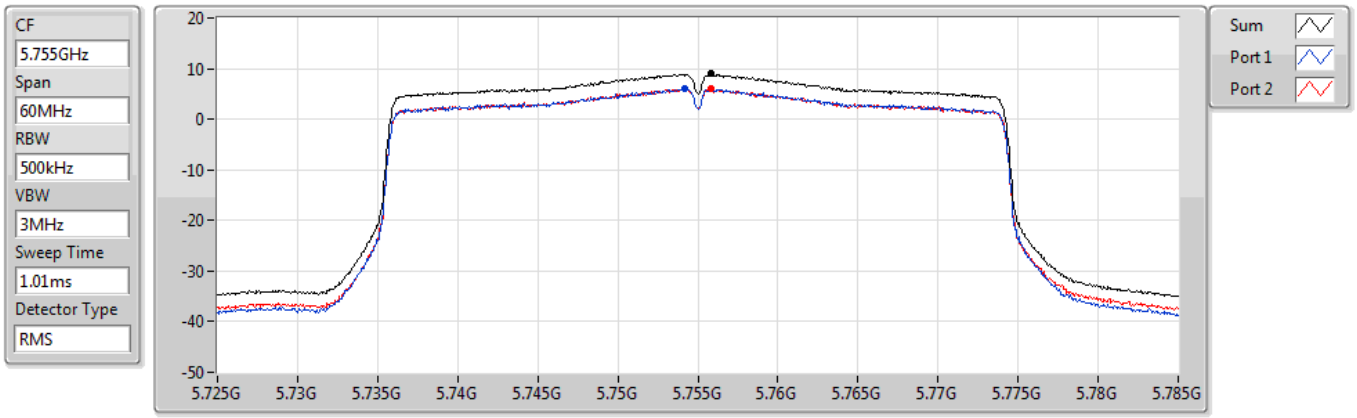
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	1.19	0.72

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

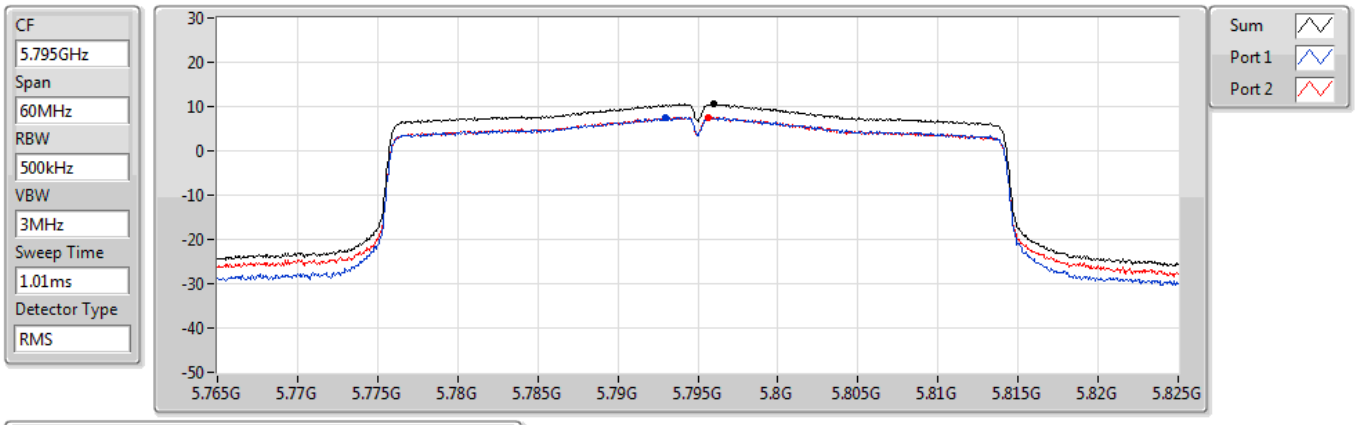
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	5.92	6.06

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

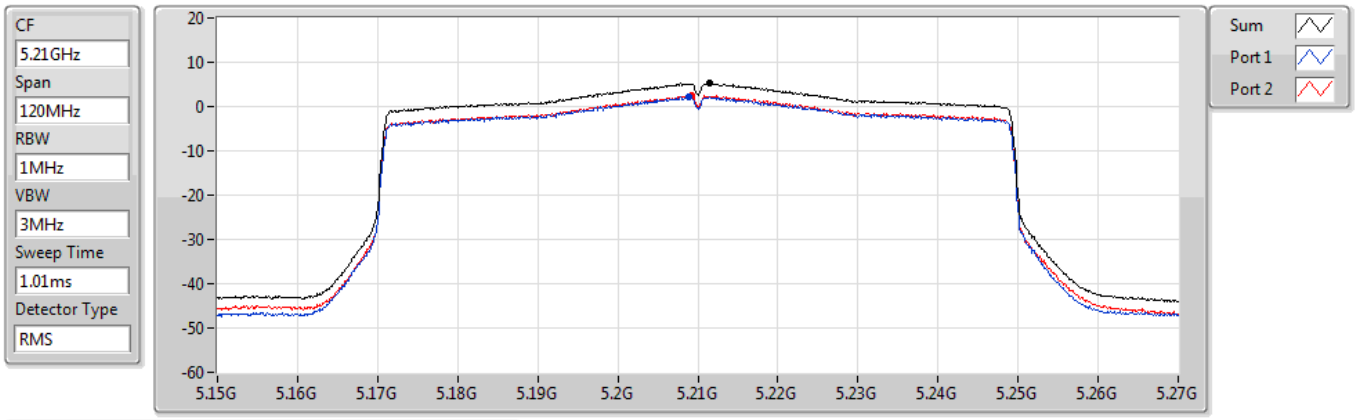
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.51	10.51	7.60	7.57

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

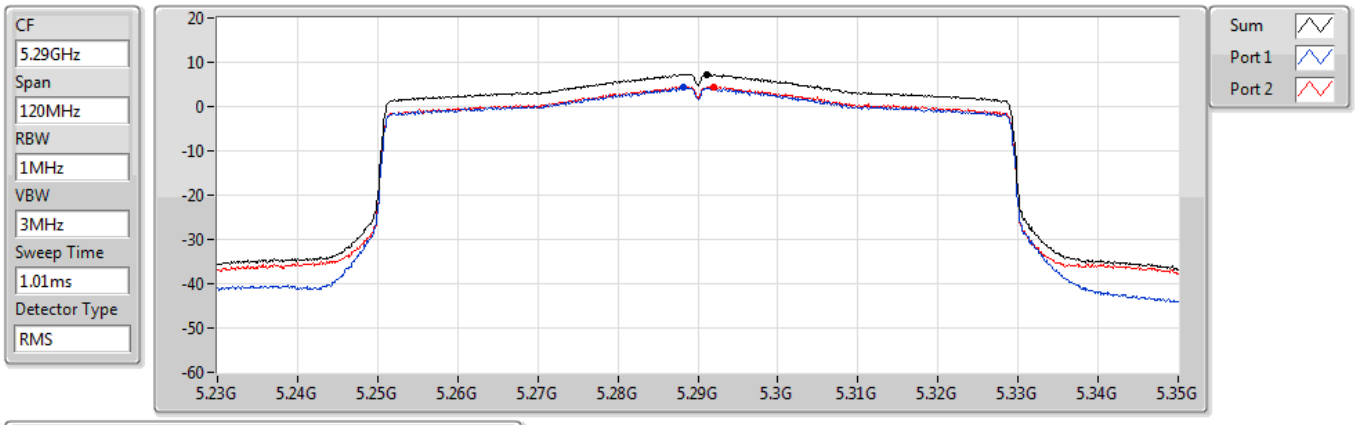
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.23	5.23	2.09	2.38

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

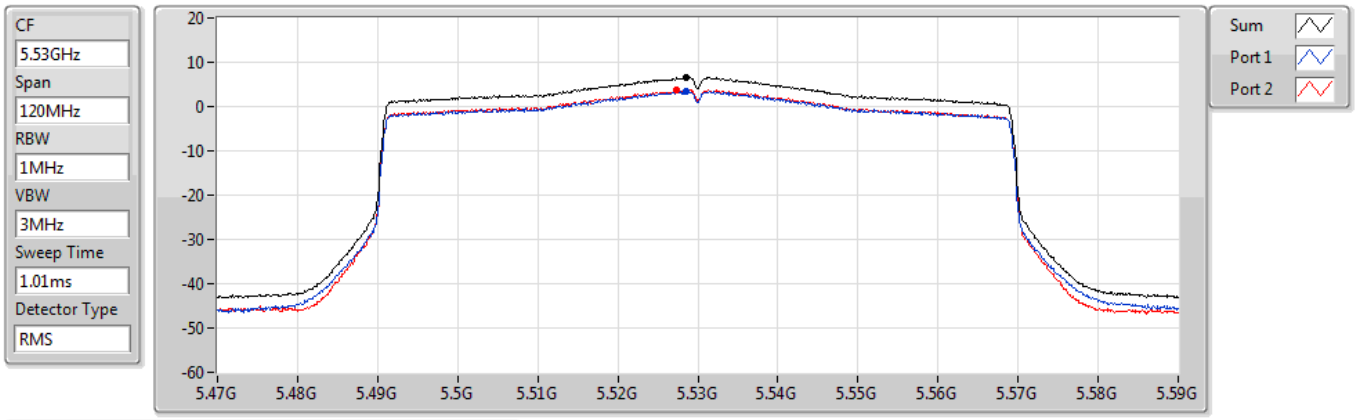
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.30	7.30	4.25	4.50

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

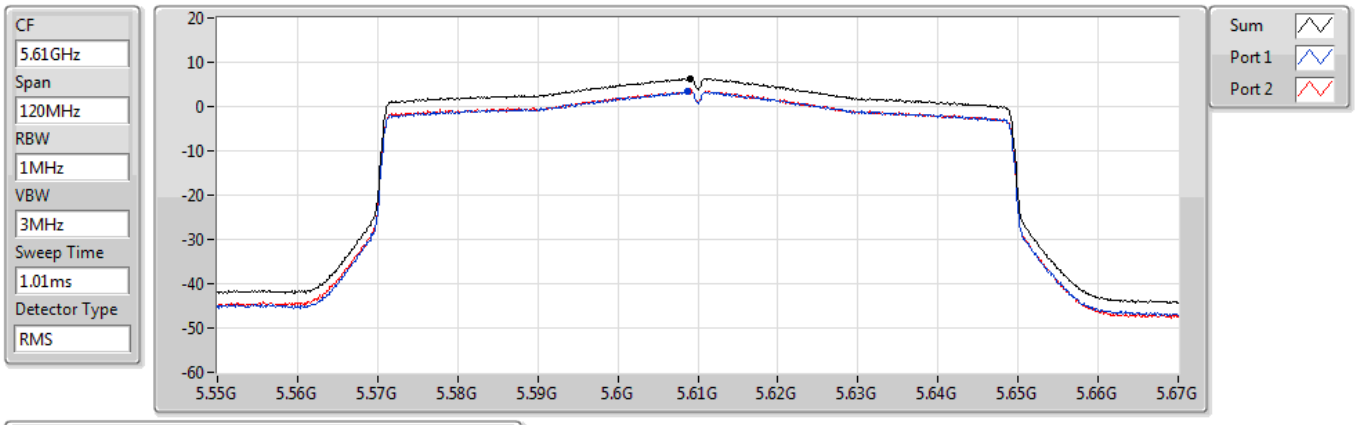
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.60	6.60	3.48	3.76

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

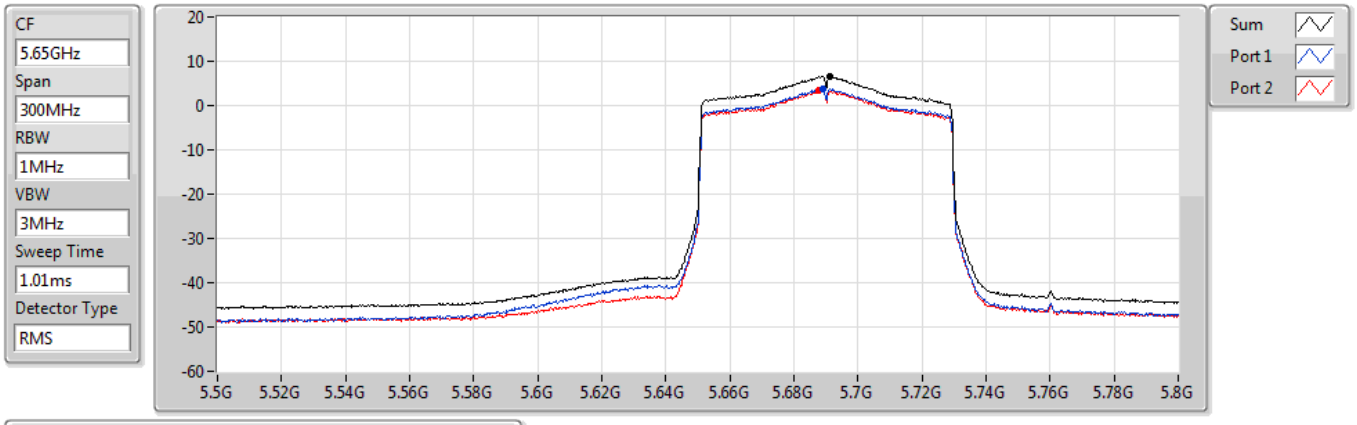
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	3.32	3.50

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

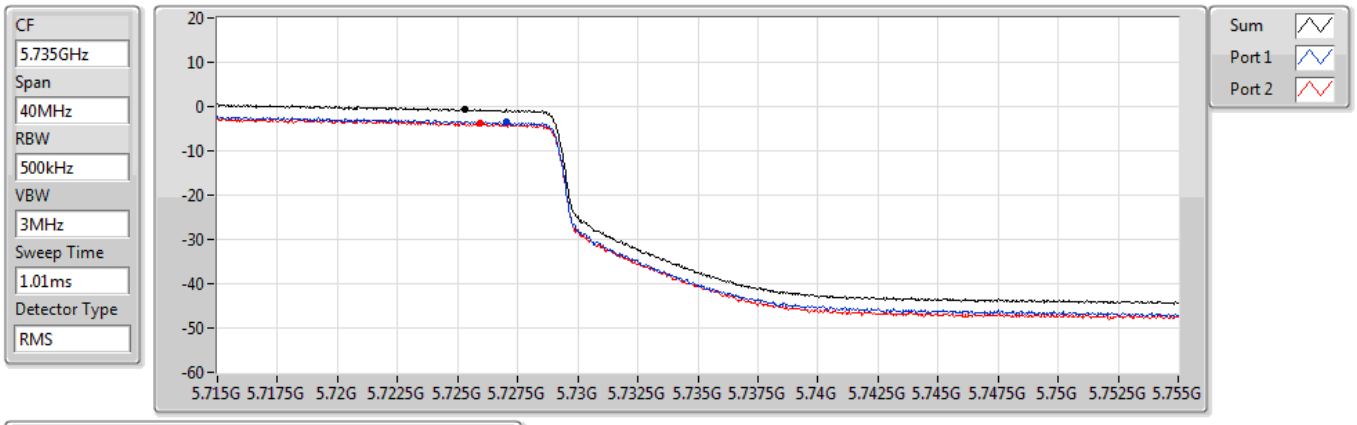
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.50	6.50	3.77	3.29

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

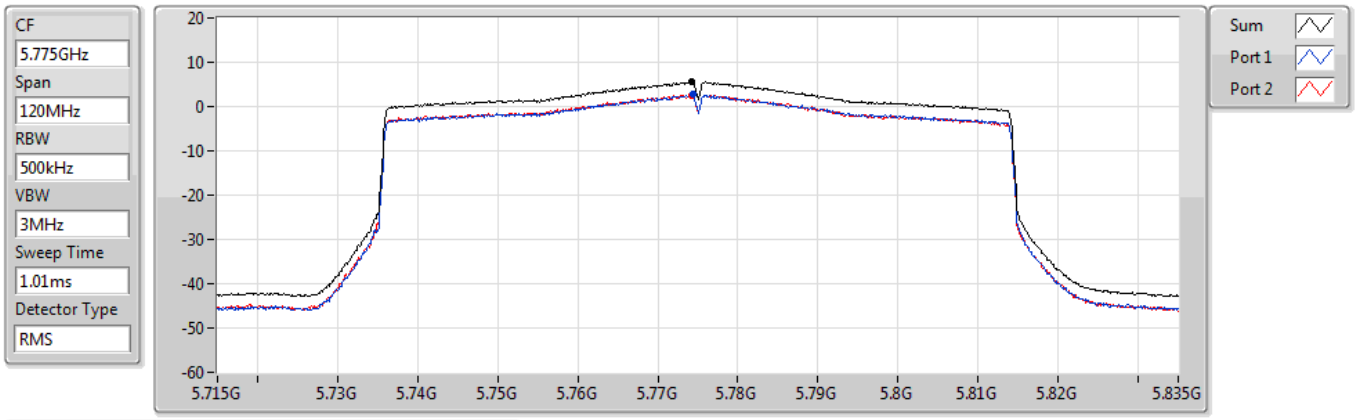
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-3.33	-3.80

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

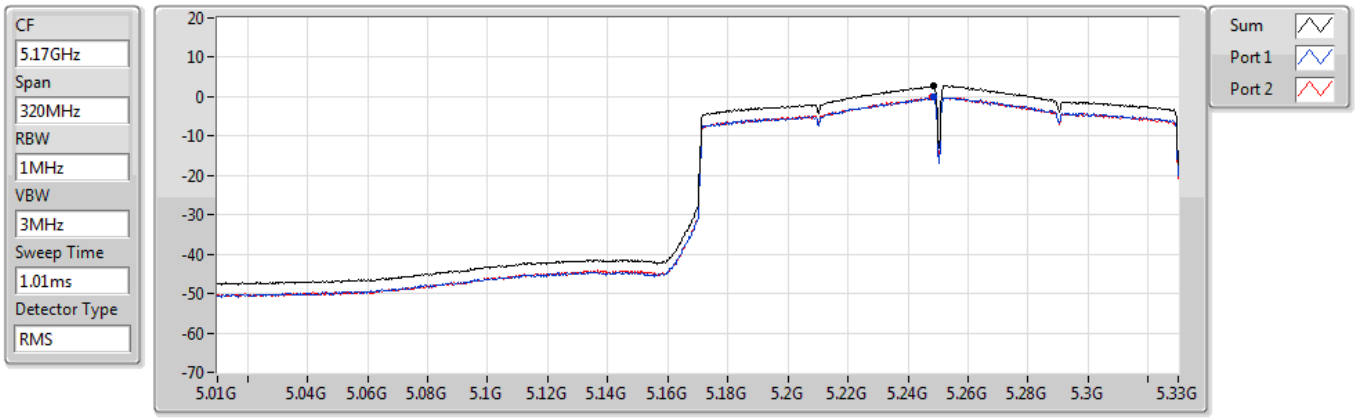
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.55	5.55	2.66	2.59

802.11ax HEW160_Nss2,(MCS0)_2TX PSD

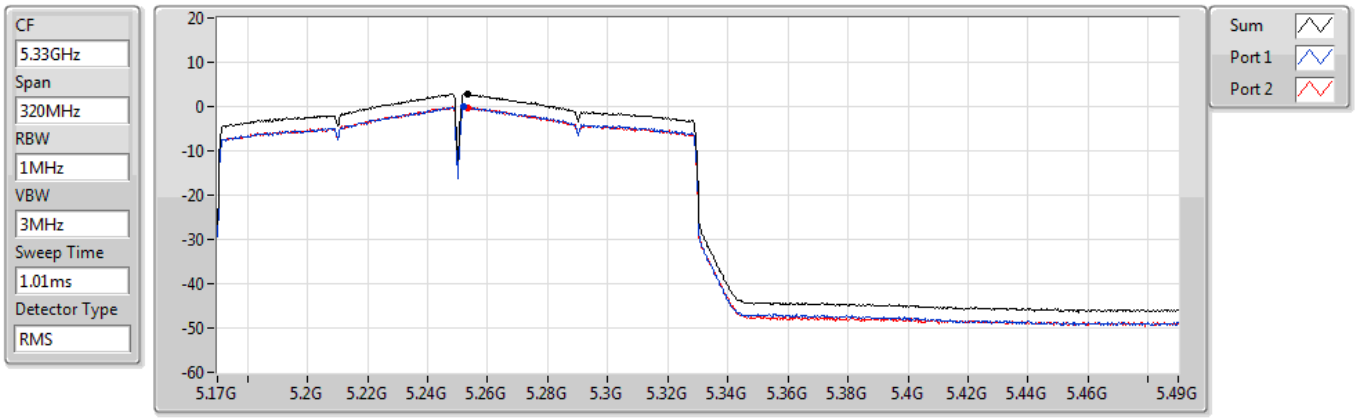
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.73	2.73	-0.06	-0.21

802.11ax HEW160_Nss2,(MCS0)_2TX PSD

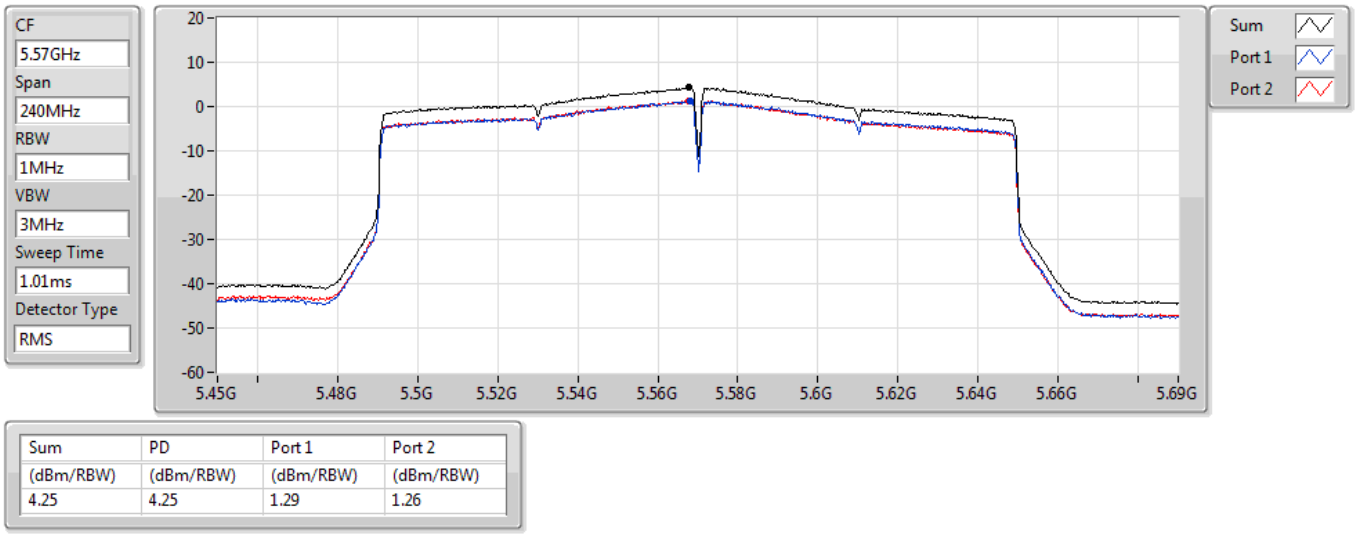
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.79	2.79	-0.06	-0.23

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5570MHz

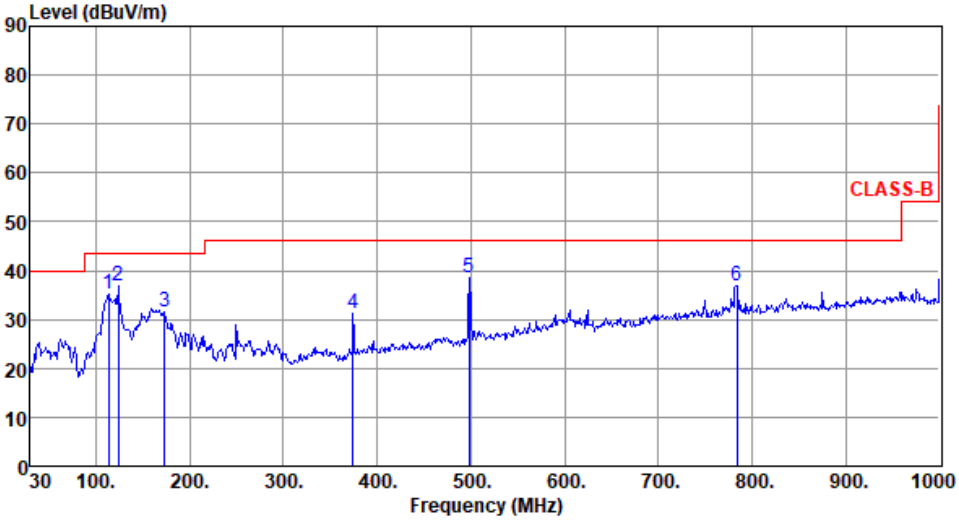


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25	1.29	1.26

Unwanted Emissions (Below 1GHz)

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):63

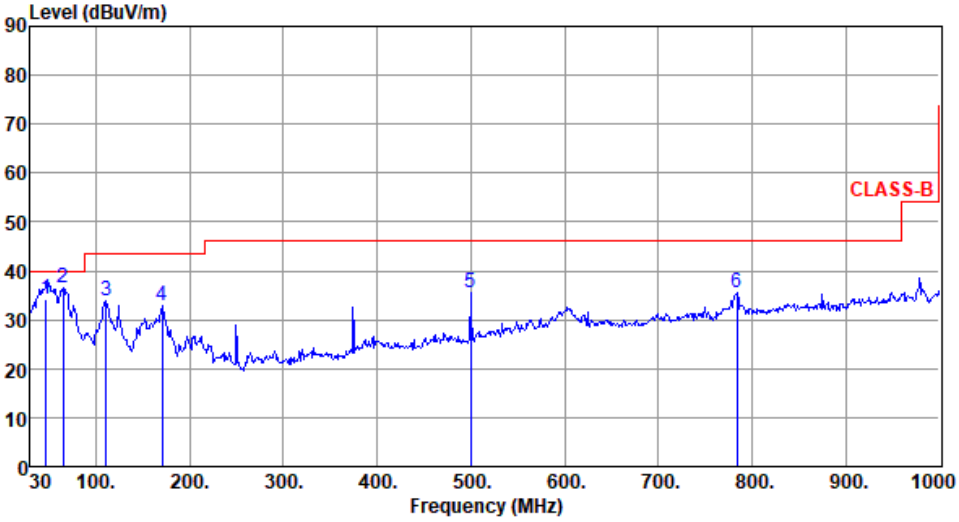


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	113.42	35.04	43.50	-8.46	46.78	-11.74	Peak	---	---
2	124.09	36.75	43.50	-6.75	47.67	-10.92	Peak	---	---
3	173.56	31.57	43.50	-11.93	40.89	-9.32	Peak	---	---
4	374.35	31.12	46.00	-14.88	36.96	-5.84	Peak	---	---
5	498.51	38.58	46.00	-7.42	41.10	-2.52	Peak	---	---
6	783.69	36.78	46.00	-9.22	32.81	3.97	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	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):26 Humidity(%):63

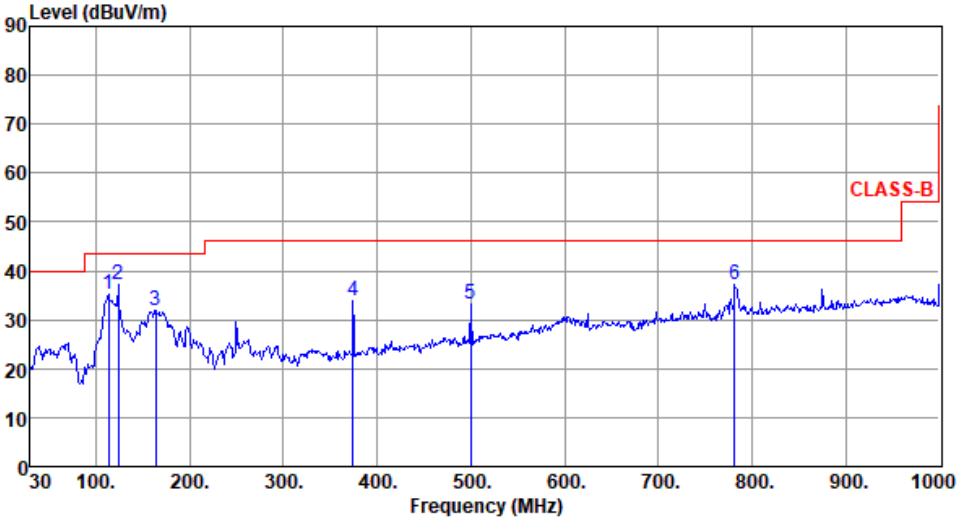


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	46.64	34.15	40.00	-5.85	42.63	-8.48	QP	100	89
2	64.92	36.50	40.00	-3.50	46.60	-10.10	Peak	---	---
3	110.51	33.87	43.50	-9.63	45.86	-11.99	Peak	---	---
4	170.65	32.75	43.50	-10.75	41.85	-9.10	Peak	---	---
5	499.48	35.63	46.00	-10.37	38.12	-2.49	Peak	---	---
6	783.69	35.55	46.00	-10.45	31.58	3.97	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	11a	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):26 Humidity(%):63

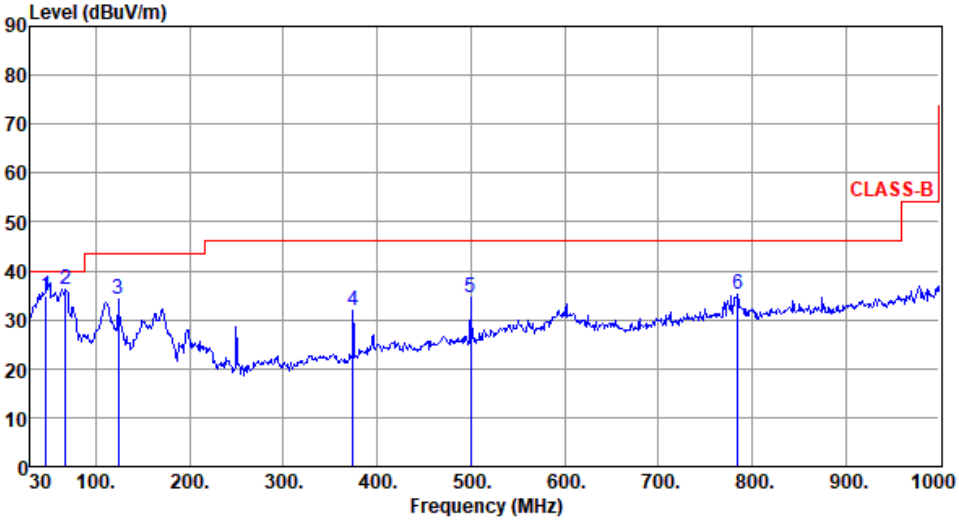


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	113.42	35.04	43.50	-8.46	46.78	-11.74	Peak	---	---
2	124.09	37.24	43.50	-6.26	48.16	-10.92	Peak	---	---
3	163.86	32.02	43.50	-11.48	40.61	-8.59	Peak	---	---
4	374.35	33.96	46.00	-12.04	39.80	-5.84	Peak	---	---
5	499.48	33.32	46.00	-12.68	35.81	-2.49	Peak	---	---
6	781.75	37.21	46.00	-8.79	33.29	3.92	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	11a	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):26 Humidity(%):63



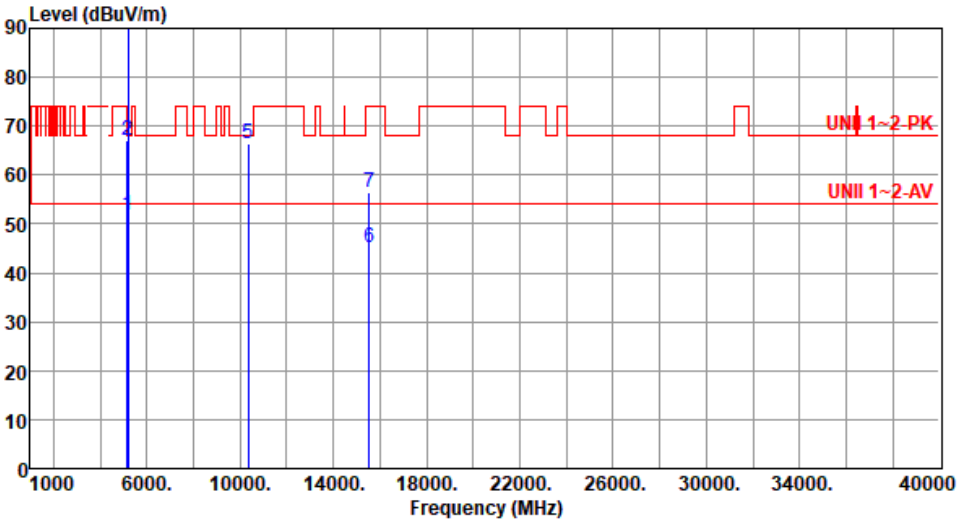
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	46.52	35.04	40.00	-4.96	43.51	-8.47	QP	100	94
2	67.83	36.15	40.00	-3.85	46.67	-10.52	Peak	---	---
3	124.09	34.13	43.50	-9.37	45.05	-10.92	Peak	---	---
4	374.35	31.86	46.00	-14.14	37.70	-5.84	Peak	---	---
5	499.48	34.50	46.00	-11.50	36.99	-2.49	Peak	---	---
6	784.66	35.31	46.00	-10.69	31.32	3.99	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.

Unwanted Emissions (Above 1GHz) for 11a

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

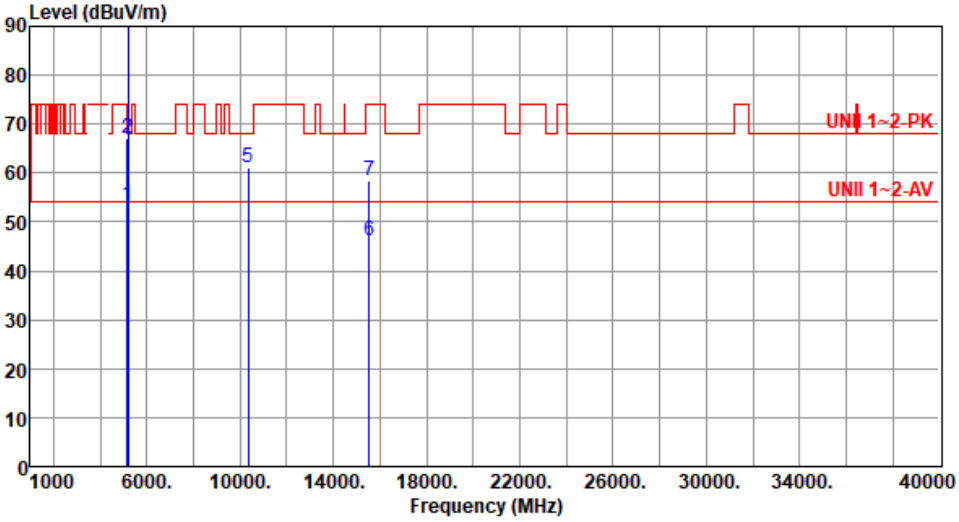


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	51.91	54.00	-2.09	51.49	0.42	Average	125	9
2		5150.00	67.13	74.00	-6.87	66.71	0.42	Peak	125	9
3	*	5180.00	104.60			104.30	0.30	Average	125	9
4	*	5180.00	115.39			115.09	0.30	Peak	125	9
5		10360.00	66.36	68.20	-1.84	58.25	8.11	Peak	100	248
6		15540.00	45.25	54.00	-8.75	39.69	5.56	Average	100	127
7		15540.00	56.58	74.00	-17.42	51.02	5.56	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).
Note 3:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

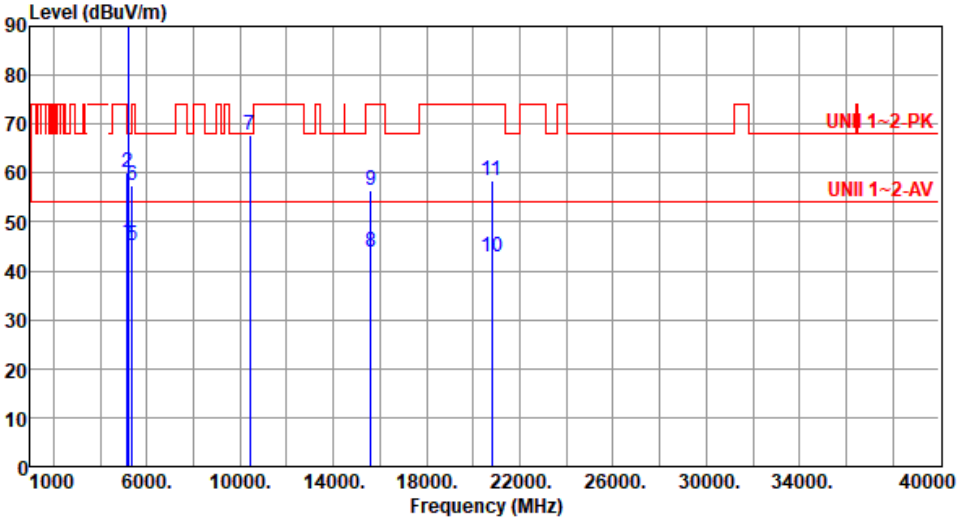


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.60	54.00	-0.40	53.18	0.42	Average	136	282
2		5150.00	67.12	74.00	-6.88	66.70	0.42	Peak	136	282
3	*	5180.00	105.65			105.35	0.30	Average	136	282
4	*	5180.00	115.77			115.47	0.30	Peak	136	282
5		10360.00	61.22	68.20	-6.98	53.11	8.11	Peak	100	165
6		15540.00	46.14	54.00	-7.86	40.58	5.56	Average	100	216
7		15540.00	58.60	74.00	-15.40	53.04	5.56	Peak	100	216

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

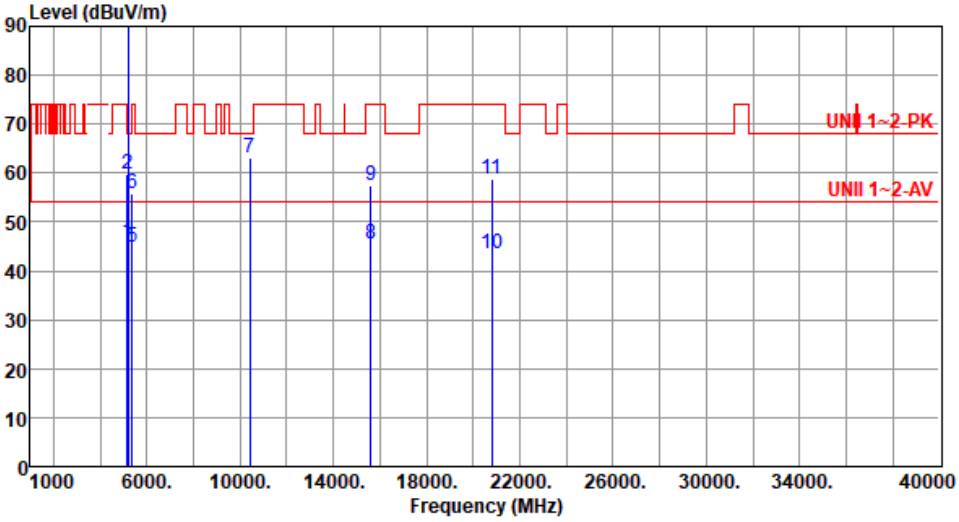


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	45.87	54.00	-8.13	45.45	0.42	Average	135	11
2		5150.00	60.02	74.00	-13.98	59.60	0.42	Peak	135	11
3	*	5200.00	104.98			104.76	0.22	Average	135	11
4	*	5200.00	115.60			115.38	0.22	Peak	135	11
5		5350.00	45.10	54.00	-8.90	45.36	-0.26	Average	135	11
6		5350.00	57.35	74.00	-16.65	57.61	-0.26	Peak	135	11
7		10400.00	67.78	68.20	-0.42	59.64	8.14	Peak	100	246
8		15600.00	43.79	54.00	-10.21	38.64	5.15	Average	100	131
9		15600.00	56.34	74.00	-17.66	51.19	5.15	Peak	100	131
10		20800.00	42.91	54.00	-11.09	39.40	3.51	Average	100	188
11		20800.00	58.52	74.00	-15.48	55.01	3.51	Peak	100	188

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

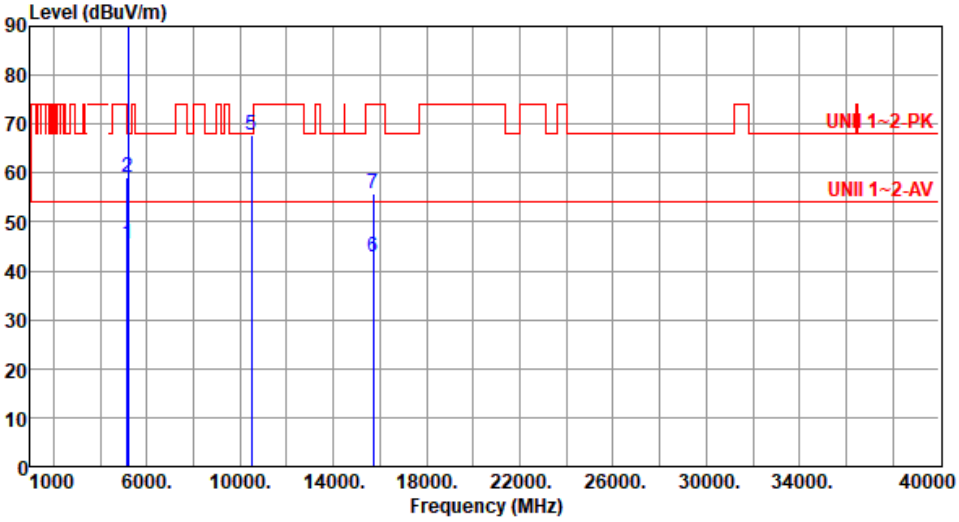


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	45.83	54.00	-8.17	45.41	0.42	Average	100	277
2		5150.00	59.78	74.00	-14.22	59.36	0.42	Peak	100	277
3	*	5200.00	105.60			105.38	0.22	Average	100	277
4	*	5200.00	115.60			115.38	0.22	Peak	100	277
5		5350.00	44.84	54.00	-9.16	45.10	-0.26	Average	100	277
6		5350.00	55.84	74.00	-18.16	56.10	-0.26	Peak	100	277
7		10400.00	63.11	68.20	-5.09	54.97	8.14	Peak	100	169
8		15600.00	45.42	54.00	-8.58	40.27	5.15	Average	100	224
9		15600.00	57.61	74.00	-16.39	52.46	5.15	Peak	100	224
10		20800.00	43.46	54.00	-10.54	39.95	3.51	Average	174	174
11		20800.00	58.72	74.00	-15.28	55.21	3.51	Peak	174	174

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

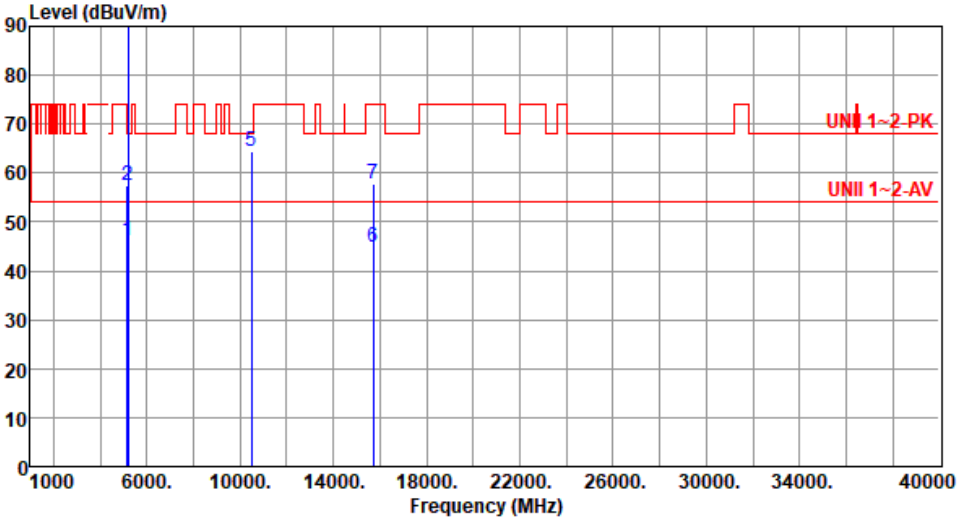


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	45.50	54.00	-8.50	45.08	0.42	Average	129	12
2		5150.00	59.02	74.00	-14.98	58.60	0.42	Peak	129	12
3	*	5240.00	104.40			104.50	-0.10	Average	129	12
4	*	5240.00	115.11			115.21	-0.10	Peak	129	12
5		10480.00	67.85	68.20	-0.35	59.58	8.27	Peak	100	250
6		15720.00	42.76	54.00	-11.24	37.54	5.22	Average	100	123
7		15720.00	55.80	74.00	-18.20	50.58	5.22	Peak	100	123

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

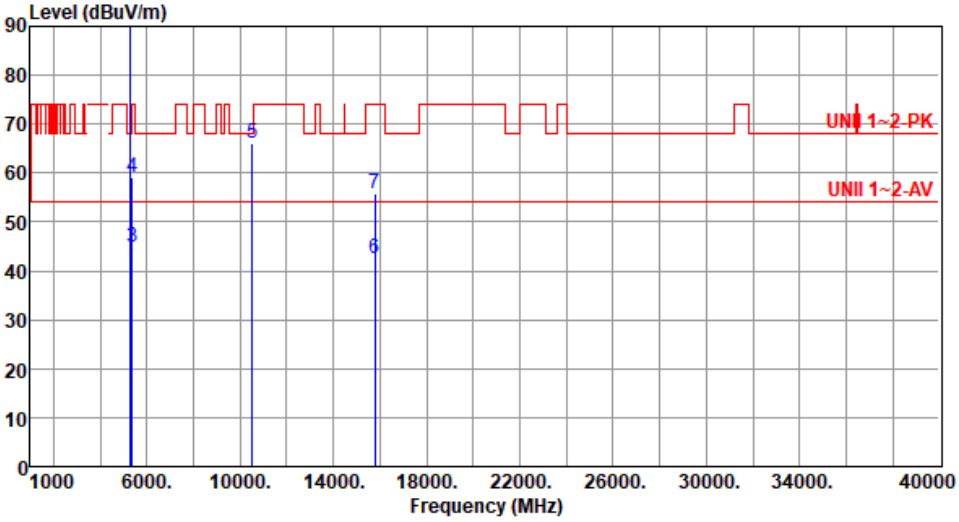


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	46.16	54.00	-7.84	45.74	0.42	Average	121	280
2		5150.00	57.36	74.00	-16.64	56.94	0.42	Peak	121	280
3	*	5240.00	104.93			105.03	-0.10	Average	121	280
4	*	5240.00	114.96			115.06	-0.10	Peak	121	280
5		10480.00	64.58	68.20	-3.62	56.31	8.27	Peak	100	165
6		15720.00	44.69	54.00	-9.31	39.47	5.22	Average	100	213
7		15720.00	57.62	74.00	-16.38	52.40	5.22	Peak	100	213

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

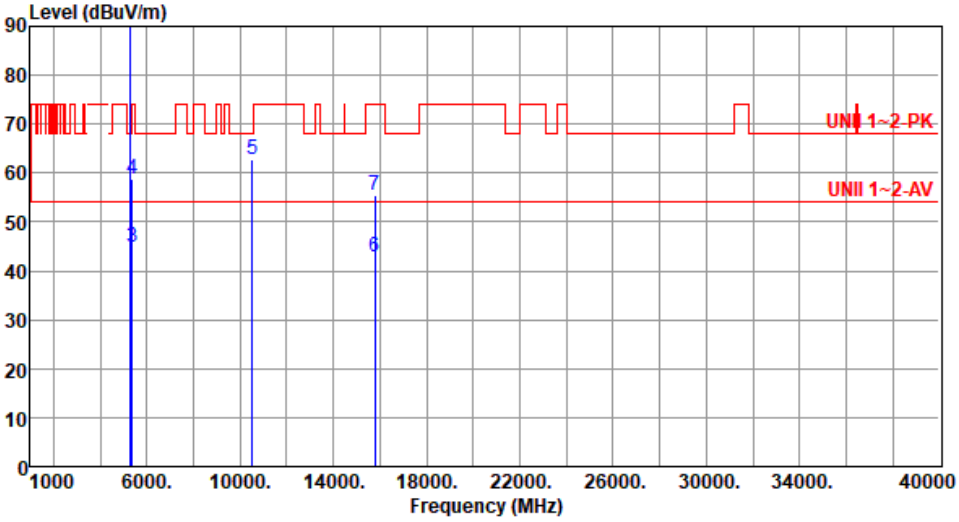


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5260.00	103.15			103.34	-0.19	Average	134	9
2	*	5260.00	114.05			114.24	-0.19	Peak	134	9
3		5350.00	44.96	54.00	-9.04	45.22	-0.26	Average	134	9
4		5350.00	59.28	74.00	-14.72	59.54	-0.26	Peak	134	9
5		10520.00	65.95	68.20	-2.25	57.65	8.30	Peak	100	247
6		15780.00	42.63	54.00	-11.37	37.46	5.17	Average	100	163
7		15780.00	55.69	74.00	-18.31	50.52	5.17	Peak	100	163

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

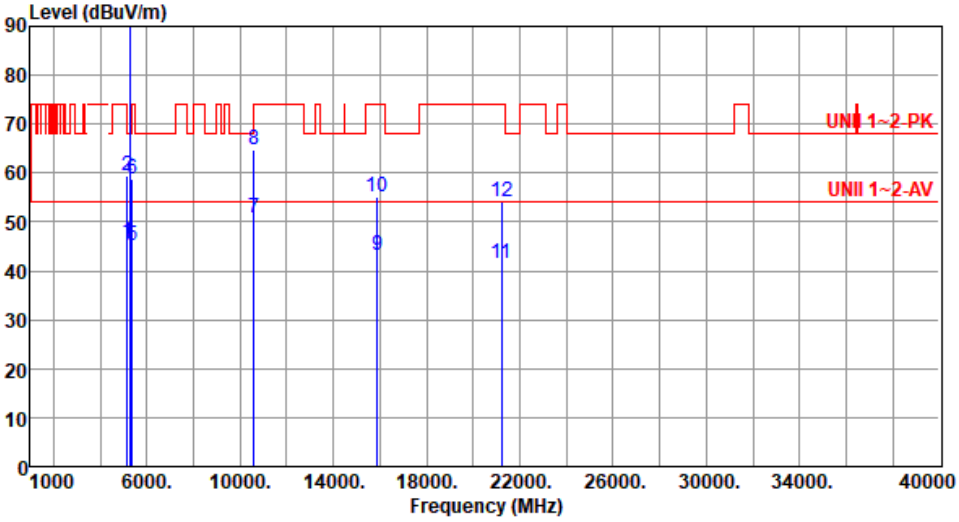


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5260.00	103.18			103.37	-0.19	Average	116	284
2	*	5260.00	113.17			113.36	-0.19	Peak	116	284
3		5350.00	44.94	54.00	-9.06	45.20	-0.26	Average	116	284
4		5350.00	58.82	74.00	-15.18	59.08	-0.26	Peak	116	284
5		10520.00	62.86	68.20	-5.34	54.56	8.30	Peak	100	169
6		15780.00	42.80	54.00	-11.20	37.63	5.17	Average	100	165
7		15780.00	55.52	74.00	-18.48	50.35	5.17	Peak	100	165

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

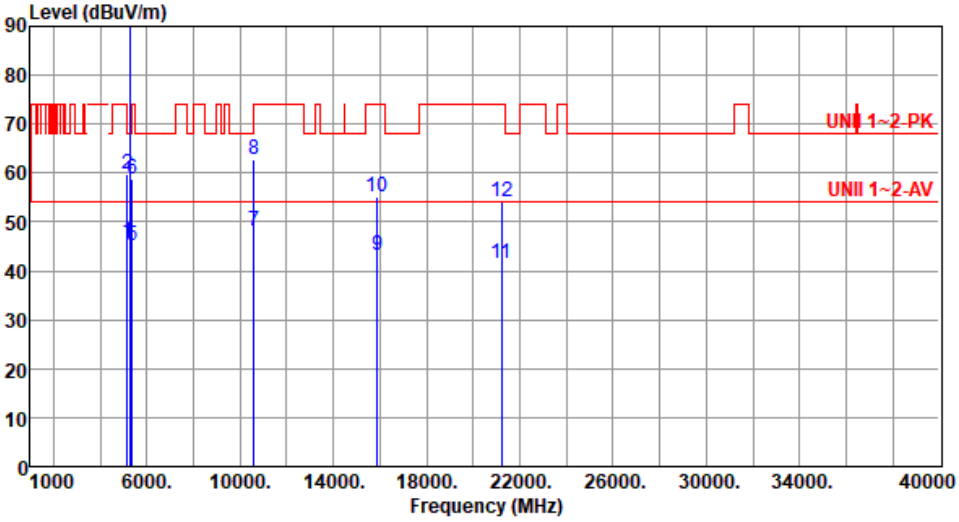


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	45.67	54.00	-8.33	45.25	0.42	Average	111	13
2		5150.00	59.32	74.00	-14.68	58.90	0.42	Peak	111	13
3	*	5300.00	103.07			103.34	-0.27	Average	111	13
4	*	5300.00	113.66			113.93	-0.27	Peak	111	13
5		5350.00	45.17	54.00	-8.83	45.43	-0.26	Average	111	13
6		5350.00	58.76	74.00	-15.24	59.02	-0.26	Peak	111	13
7		10600.00	50.71	54.00	-3.29	42.41	8.30	Average	100	246
8		10600.00	64.68	74.00	-9.32	56.38	8.30	Peak	100	246
9		15900.00	43.15	54.00	-10.85	38.21	4.94	Average	100	156
10		15900.00	55.23	74.00	-18.77	50.29	4.94	Peak	100	156
11		21200.00	41.59	54.00	-12.41	37.30	4.29	Average	100	28
12		21200.00	54.26	74.00	-19.74	49.97	4.29	Peak	100	28

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

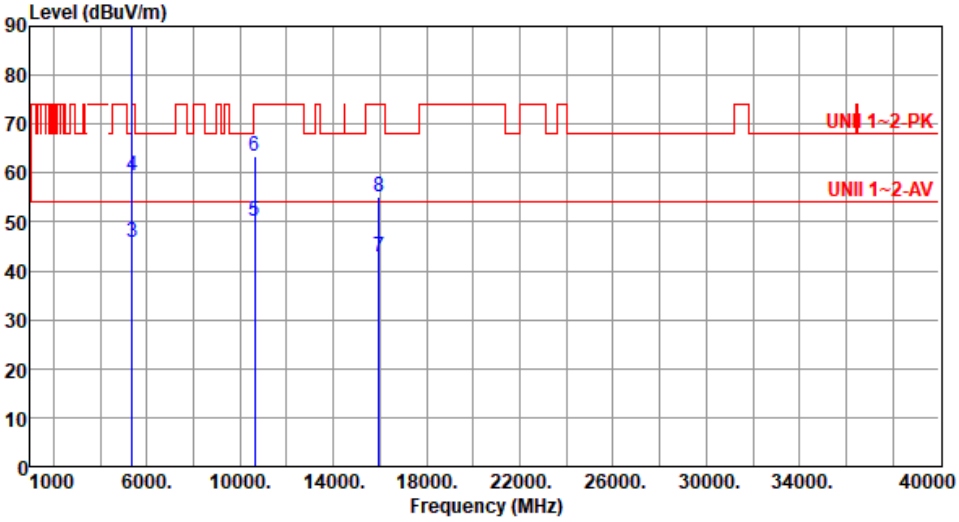


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	45.71	54.00	-8.29	45.29	0.42	Average	123	278
2		5150.00	59.90	74.00	-14.10	59.48	0.42	Peak	123	278
3	*	5300.00	103.69			103.96	-0.27	Average	123	278
4	*	5300.00	113.54			113.81	-0.27	Peak	123	278
5		5350.00	45.17	54.00	-8.83	45.43	-0.26	Average	123	278
6		5350.00	58.94	74.00	-15.06	59.20	-0.26	Peak	123	278
7		10600.00	48.14	54.00	-5.86	39.84	8.30	Average	100	168
8		10600.00	62.82	74.00	-11.18	54.52	8.30	Peak	100	168
9		15900.00	43.08	54.00	-10.92	38.14	4.94	Average	100	35
10		15900.00	55.05	74.00	-18.95	50.11	4.94	Peak	100	35
11		21200.00	41.54	54.00	-12.46	37.25	4.29	Average	100	15
12		21200.00	54.21	74.00	-19.79	49.92	4.29	Peak	100	15

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

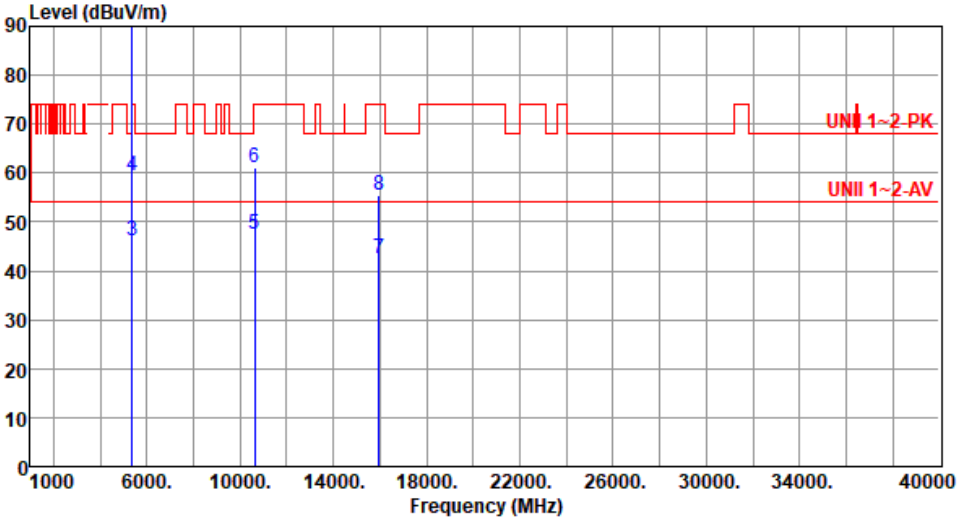


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5320.00	102.61			102.88	-0.27	Average	123	6
2	*	5320.00	114.24			114.51	-0.27	Peak	123	6
3		5350.00	45.71	54.00	-8.29	45.97	-0.26	Average	123	6
4		5350.00	59.60	74.00	-14.40	59.86	-0.26	Peak	123	6
5		10640.00	50.08	54.00	-3.92	41.66	8.42	Average	100	247
6		10640.00	63.58	74.00	-10.42	55.16	8.42	Peak	100	247
7		15960.00	42.79	54.00	-11.21	37.72	5.07	Average	100	58
8		15960.00	55.29	74.00	-18.71	50.22	5.07	Peak	100	58

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

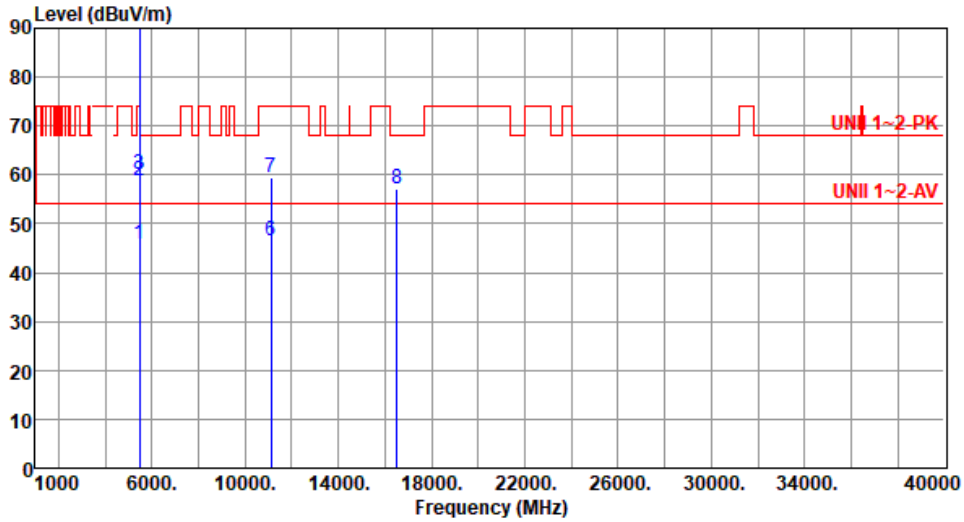


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5320.00	103.68			103.95	-0.27	Average	122	281
2	*	5320.00	113.67			113.94	-0.27	Peak	122	281
3		5350.00	46.25	54.00	-7.75	46.51	-0.26	Average	122	281
4		5350.00	59.51	74.00	-14.49	59.77	-0.26	Peak	122	281
5		10640.00	47.54	54.00	-6.46	39.12	8.42	Average	100	166
6		10640.00	61.15	74.00	-12.85	52.73	8.42	Peak	100	166
7		15960.00	42.53	54.00	-11.47	37.46	5.07	Average	100	22
8		15960.00	55.57	74.00	-18.43	50.50	5.07	Peak	100	22

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

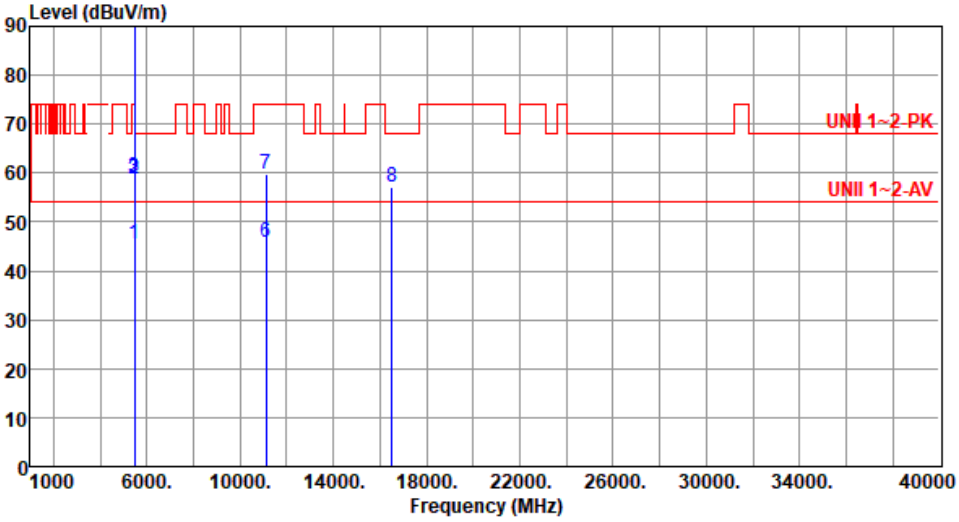


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	45.68	54.00	-8.32	45.40	0.28	Average	128	12
2		5460.00	58.85	74.00	-15.15	58.57	0.28	Peak	128	12
3		5470.00	60.02	68.20	-8.18	59.73	0.29	Peak	128	12
4	*	5500.00	104.03			103.67	0.36	Average	128	12
5	*	5500.00	114.82			114.46	0.36	Peak	128	12
6		11100.00	46.64	54.00	-7.36	38.07	8.57	Average	100	250
7		11100.00	59.43	74.00	-14.57	50.86	8.57	Peak	100	250
8		16500.00	57.03	68.20	-11.17	50.24	6.79	Peak	100	188

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

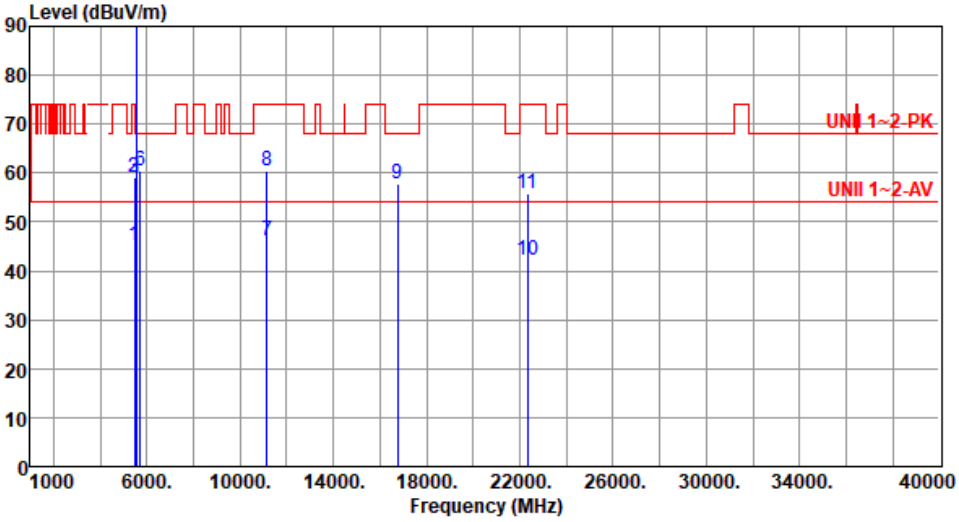


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	45.64	54.00	-8.36	45.36	0.28	Average	100	270
2		5460.00	58.77	74.00	-15.23	58.49	0.28	Peak	100	270
3		5470.00	59.21	68.20	-8.99	58.92	0.29	Peak	100	270
4	*	5500.00	102.86			102.50	0.36	Average	100	270
5	*	5500.00	113.01			112.65	0.36	Peak	100	270
6		11100.00	45.75	54.00	-8.25	37.18	8.57	Average	100	155
7		11100.00	59.86	74.00	-14.14	51.29	8.57	Peak	100	155
8		16500.00	57.03	68.20	-11.17	50.24	6.79	Peak	100	23

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

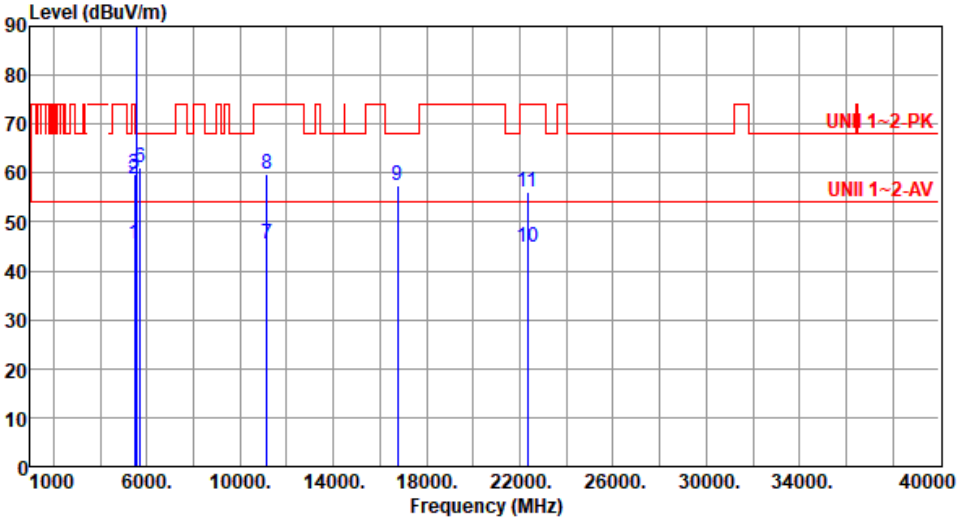


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	45.32	54.00	-8.68	45.04	0.28	Average	112	10
2		5460.00	59.10	74.00	-14.90	58.82	0.28	Peak	112	10
3		5470.00	59.10	68.20	-9.10	58.81	0.29	Peak	112	10
4	*	5580.00	103.99			103.55	0.44	Average	112	10
5	*	5580.00	114.76			114.32	0.44	Peak	112	10
6		5725.00	60.28	68.20	-7.92	59.65	0.63	Peak	112	10
7		11160.00	46.08	54.00	-7.92	37.71	8.37	Average	100	242
8		11160.00	60.53	74.00	-13.47	52.16	8.37	Peak	100	242
9		16740.00	57.66	68.20	-10.54	51.13	6.53	Peak	100	53
10		22320.00	42.34	54.00	-11.66	36.18	6.16	Average	100	19
11		22320.00	55.67	74.00	-18.33	49.51	6.16	Peak	100	19

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

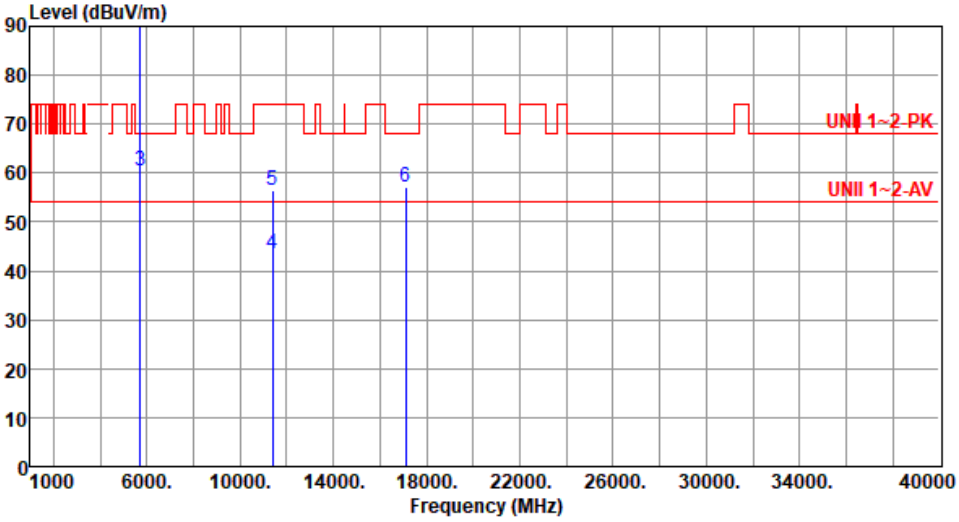


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	45.33	54.00	-8.67	45.05	0.28	Average	100	174
2		5460.00	58.88	74.00	-15.12	58.60	0.28	Peak	100	174
3		5470.00	59.91	68.20	-8.29	59.62	0.29	Peak	100	174
4	*	5580.00	102.84			102.40	0.44	Average	100	174
5	*	5580.00	112.94			112.50	0.44	Peak	100	174
6		5725.00	61.14	68.20	-7.06	60.51	0.63	Peak	100	174
7		11160.00	45.56	54.00	-8.44	37.19	8.37	Average	100	152
8		11160.00	59.77	74.00	-14.23	51.40	8.37	Peak	100	152
9		16740.00	57.58	68.20	-10.62	51.05	6.53	Peak	100	122
10		22320.00	44.67	54.00	-9.33	38.51	6.16	Average	135	168
11		22320.00	56.24	74.00	-17.76	50.08	6.16	Peak	135	168

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

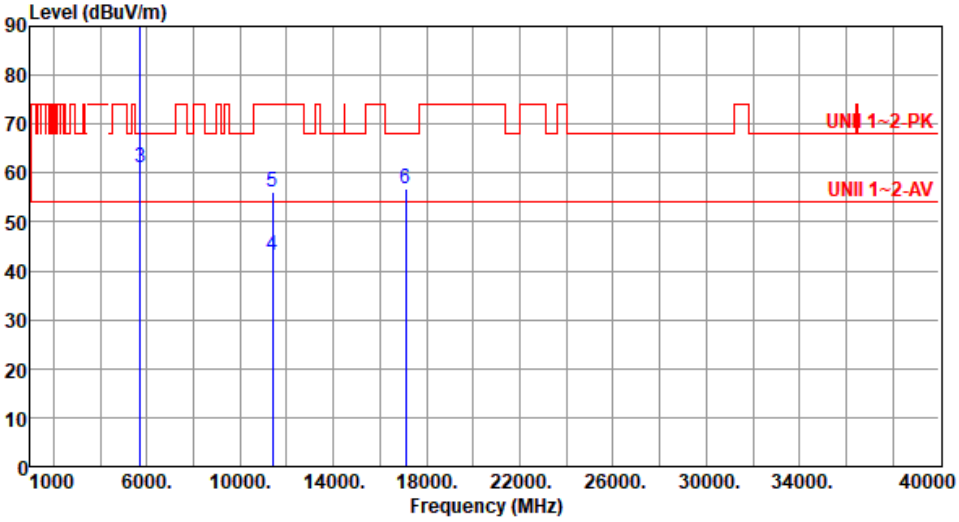


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5700.00	103.18			102.62	0.56	Average	100	353
2	*	5700.00	114.35			113.79	0.56	Peak	100	353
3		5725.00	60.55	68.20	-7.65	59.92	0.63	Peak	100	353
4		11400.00	43.36	54.00	-10.64	35.20	8.16	Average	190	161
5		11400.00	56.52	74.00	-17.48	48.36	8.16	Peak	190	161
6		17100.00	57.27	68.20	-10.93	51.15	6.12	Peak	100	146

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

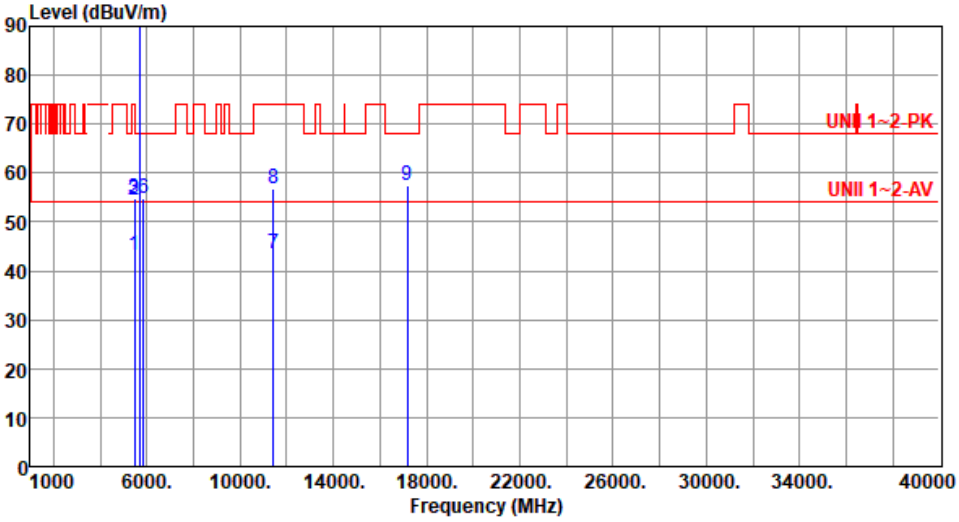


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5700.00	103.29			102.73	0.56	Average	100	173
2	*	5700.00	113.18			112.62	0.56	Peak	100	173
3		5725.00	61.02	68.20	-7.18	60.39	0.63	Peak	100	173
4		11400.00	43.28	54.00	-10.72	35.12	8.16	Average	195	197
5		11400.00	56.19	74.00	-17.81	48.03	8.16	Peak	195	197
6		17100.00	56.87	68.20	-11.33	50.75	6.12	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).
Note 3:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

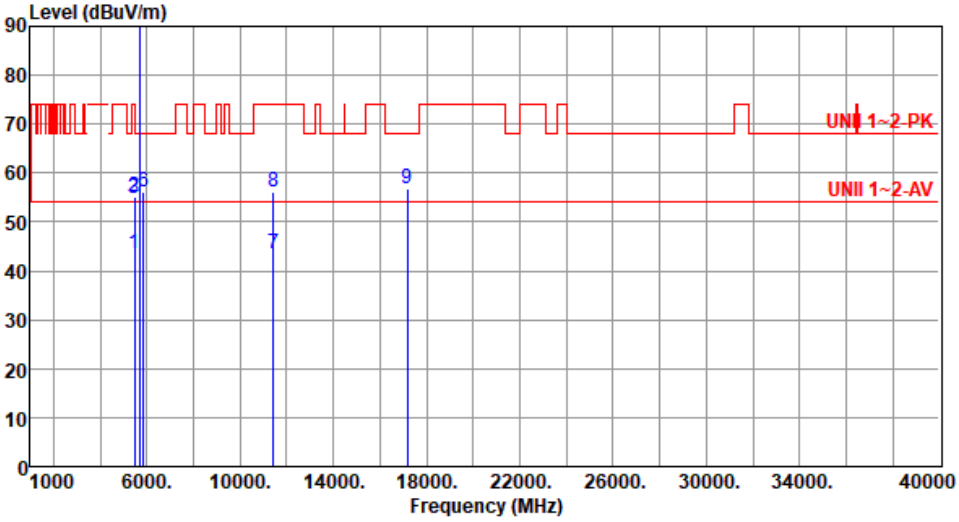


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.07	54.00	-10.93	42.79	0.28	Average	100	343
2		5460.00	54.57	74.00	-19.43	54.29	0.28	Peak	100	343
3		5470.00	54.92	68.20	-13.28	54.63	0.29	Peak	100	343
4	*	5720.00	103.64			103.03	0.61	Average	100	343
5	*	5720.00	114.89			114.28	0.61	Peak	100	343
6		5850.00	54.70	68.20	-13.50	53.86	0.84	Peak	100	343
7		11440.00	43.45	54.00	-10.55	35.23	8.22	Average	185	156
8		11440.00	56.64	74.00	-17.36	48.42	8.22	Peak	185	156
9		17160.00	57.41	68.20	-10.79	51.48	5.93	Peak	100	152

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

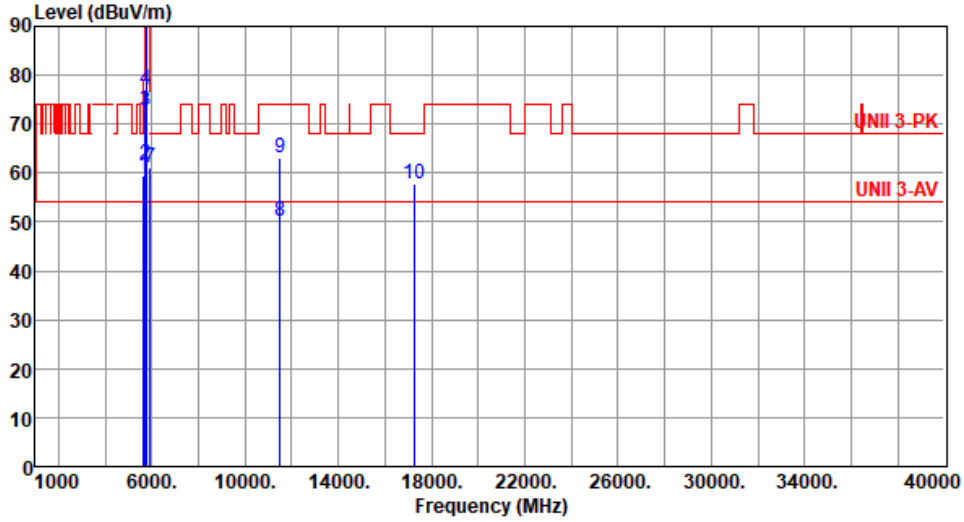


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.46	54.00	-10.54	43.18	0.28	Average	100	171
2		5460.00	55.09	74.00	-18.91	54.81	0.28	Peak	100	171
3		5470.00	54.93	68.20	-13.27	54.64	0.29	Peak	100	171
4	*	5720.00	104.56			103.95	0.61	Average	100	171
5	*	5720.00	114.47			113.86	0.61	Peak	100	171
6		5850.00	56.22	68.20	-11.98	55.38	0.84	Peak	100	171
7		11440.00	43.39	54.00	-10.61	35.17	8.22	Average	188	195
8		11440.00	56.25	74.00	-17.75	48.03	8.22	Peak	188	195
9		17160.00	56.64	68.20	-11.56	50.71	5.93	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).
Note 3:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

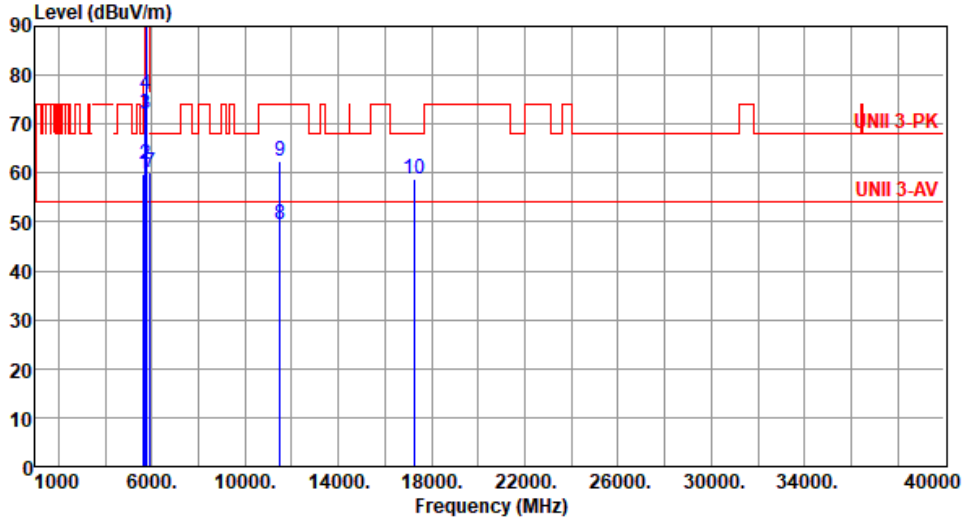


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.35	68.20	-8.85	59.01	0.34	Peak	100	350
2		5700.00	61.71	105.20	-43.49	61.15	0.56	Peak	100	350
3		5720.00	72.80	110.80	-38.00	72.19	0.61	Peak	100	350
4		5725.00	77.07	122.20	-45.13	76.44	0.63	Peak	100	350
5	*	5745.00	107.12			106.44	0.68	Average	100	350
6	*	5745.00	118.29			117.61	0.68	Peak	100	350
7		5925.00	61.02	68.20	-7.18	59.88	1.14	Peak	100	350
8		11490.00	50.10	54.00	-3.90	41.79	8.31	Average	183	169
9		11490.00	62.97	74.00	-11.03	54.66	8.31	Peak	183	169
10		17235.00	57.87	68.20	-10.33	52.05	5.82	Peak	100	225

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

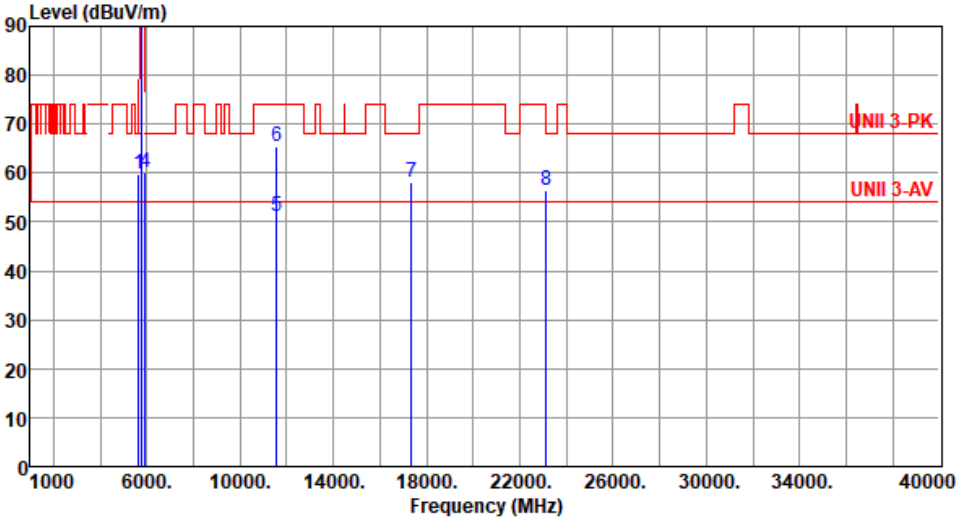


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.66	68.20	-8.54	59.32	0.34	Peak	134	177
2		5700.00	61.63	105.20	-43.57	61.07	0.56	Peak	134	177
3		5720.00	72.12	110.80	-38.68	71.51	0.61	Peak	134	177
4		5725.00	76.06	122.20	-46.14	75.43	0.63	Peak	134	177
5	*	5745.00	106.84			106.16	0.68	Average	134	177
6	*	5745.00	116.99			116.31	0.68	Peak	134	177
7		5925.00	60.02	68.20	-8.18	58.88	1.14	Peak	134	177
8		11490.00	49.53	54.00	-4.47	41.22	8.31	Average	167	199
9		11490.00	62.33	74.00	-11.67	54.02	8.31	Peak	167	199
10		17235.00	58.63	68.20	-9.57	52.81	5.82	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).
Note 3:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

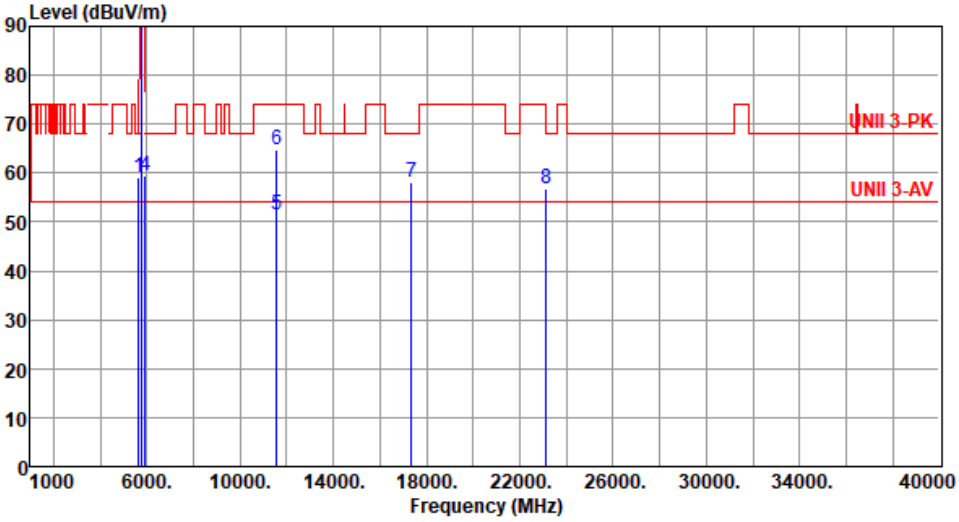


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.94	68.20	-8.26	59.60	0.34	Peak	103	351
2	*	5785.00	106.35			105.72	0.63	Average	103	351
3	*	5785.00	118.10			117.47	0.63	Peak	103	351
4		5925.00	60.19	68.20	-8.01	59.05	1.14	Peak	103	351
5		11570.00	51.29	54.00	-2.71	43.03	8.26	Average	190	168
6		11570.00	65.46	74.00	-8.54	57.20	8.26	Peak	190	168
7		17355.00	58.23	68.20	-9.97	52.05	6.18	Peak	100	126
8		23140.00	56.57	68.20	-11.63	49.12	7.45	Peak	100	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).
Note 3:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

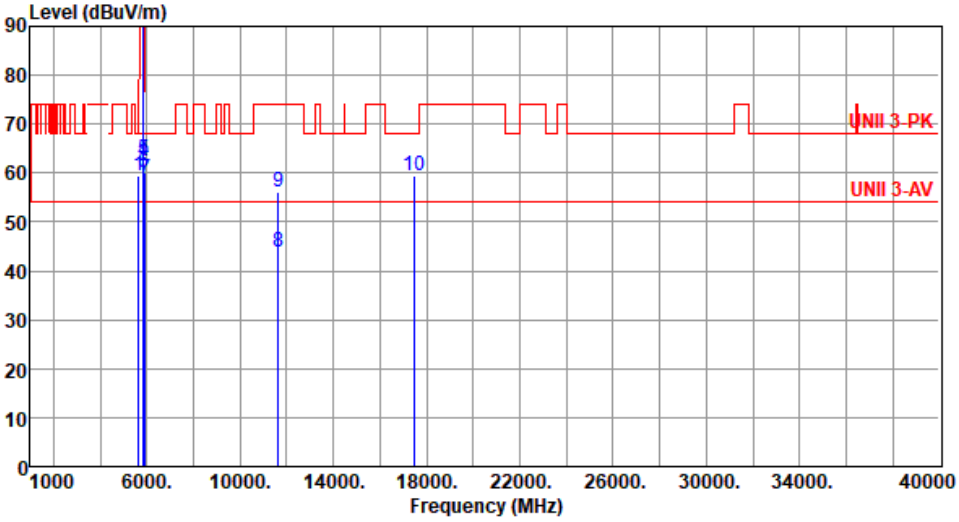


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.22	68.20	-8.98	58.88	0.34	Peak	137	178
2	*	5785.00	105.90			105.27	0.63	Average	137	178
3	*	5785.00	116.14			115.51	0.63	Peak	137	178
4		5925.00	59.42	68.20	-8.78	58.28	1.14	Peak	137	178
5		11570.00	51.49	54.00	-2.51	43.23	8.26	Average	179	200
6		11570.00	64.81	74.00	-9.19	56.55	8.26	Peak	179	200
7		17355.00	58.12	68.20	-10.08	51.94	6.18	Peak	100	158
8		23140.00	56.89	68.20	-11.31	49.44	7.45	Peak	100	228

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62

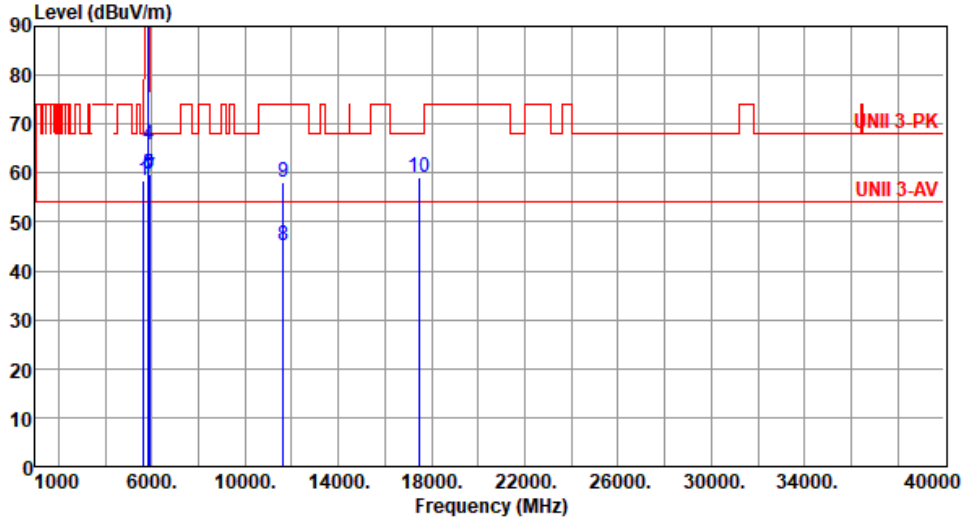


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.44	68.20	-8.76	59.10	0.34	Peak	101	356
2	*	5825.00	105.72			104.99	0.73	Average	101	356
3	*	5825.00	116.63			115.90	0.73	Peak	101	356
4		5850.00	62.59	122.20	-59.61	61.75	0.84	Peak	101	356
5		5855.00	62.77	110.80	-48.03	61.91	0.86	Peak	101	356
6		5875.00	60.12	105.20	-45.08	59.16	0.96	Peak	101	356
7		5925.00	58.83	68.20	-9.37	57.69	1.14	Peak	101	356
8		11650.00	43.99	54.00	-10.01	36.01	7.98	Average	100	224
9		11650.00	56.13	74.00	-17.87	48.15	7.98	Peak	100	224
10		17475.00	59.36	68.20	-8.84	52.72	6.64	Peak	100	168

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):26 Humidity(%):62



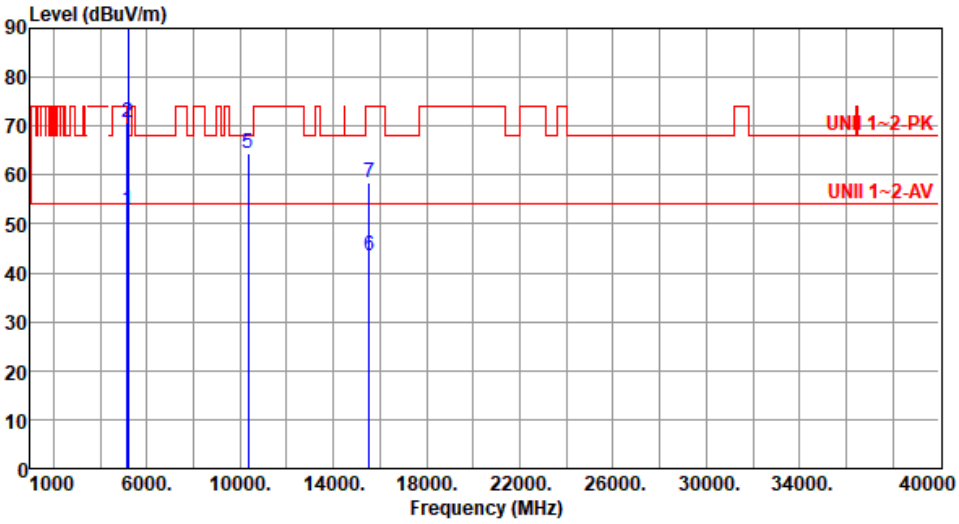
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	58.53	68.20	-9.67	58.19	0.34	Peak	134	177
2	*	5825.00	104.97			104.24	0.73	Average	134	177
3	*	5825.00	115.13			114.40	0.73	Peak	134	177
4		5850.00	65.69	122.20	-56.51	64.85	0.84	Peak	134	177
5		5855.00	59.88	110.80	-50.92	59.02	0.86	Peak	134	177
6		5875.00	59.68	105.20	-45.52	58.72	0.96	Peak	134	177
7		5925.00	59.21	68.20	-8.99	58.07	1.14	Peak	134	177
8		11650.00	45.04	54.00	-8.96	37.06	7.98	Average	171	201
9		11650.00	58.14	74.00	-15.86	50.16	7.98	Peak	171	201
10		17475.00	59.17	68.20	-9.03	52.53	6.64	Peak	100	108

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:"*" is Peak / Average value of fundamental frequency

Unwanted Emissions (Above 1GHz) for ax HE20

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

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

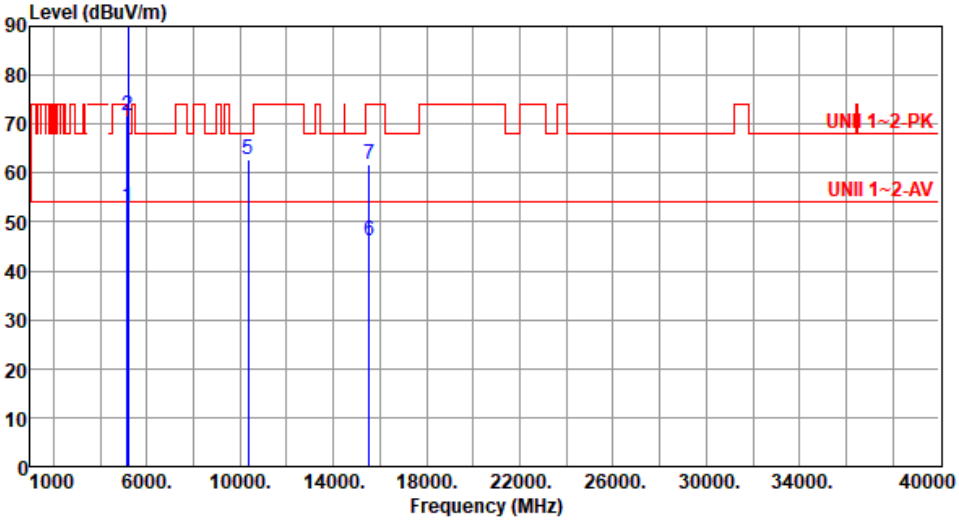


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	52.91	54.00	-1.09	52.49	0.42	Average	112	9
2		5150.00	70.77	74.00	-3.23	70.35	0.42	Peak	112	9
3	*	5180.00	104.88			104.58	0.30	Average	112	9
4	*	5180.00	118.69			118.39	0.30	Peak	112	9
5		10360.00	64.46	68.20	-3.74	56.35	8.11	Peak	159	165
6		15540.00	43.47	54.00	-10.53	37.91	5.56	Average	100	291
7		15540.00	58.42	74.00	-15.58	52.86	5.56	Peak	100	291

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5180
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

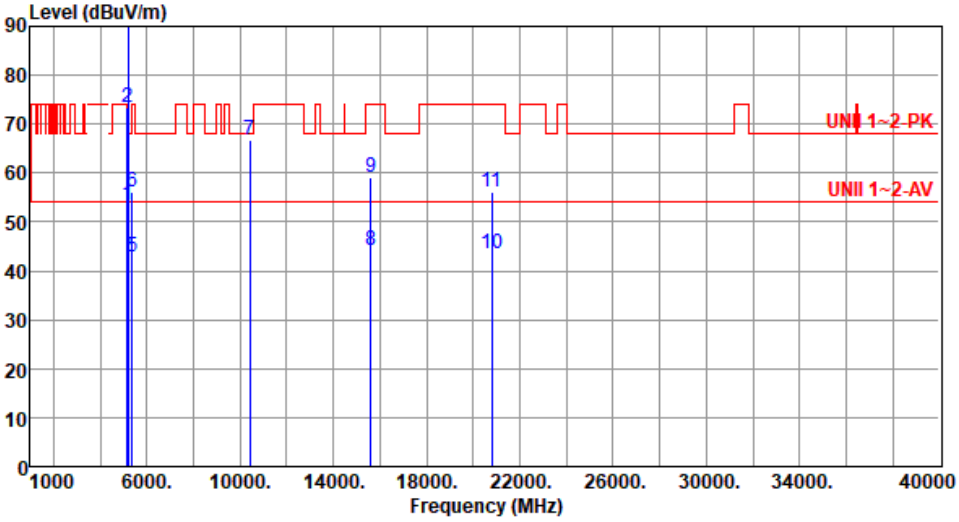


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.24	54.00	-0.76	52.82	0.42	Average	110	278
2		5150.00	71.81	74.00	-2.19	71.39	0.42	Peak	110	278
3	*	5180.00	105.15			104.85	0.30	Average	110	278
4	*	5180.00	118.19			117.89	0.30	Peak	110	278
5		10360.00	62.81	68.20	-5.39	54.70	8.11	Peak	181	176
6		15540.00	46.24	54.00	-7.76	40.68	5.56	Average	144	178
7		15540.00	61.85	74.00	-12.15	56.29	5.56	Peak	144	178

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5200
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

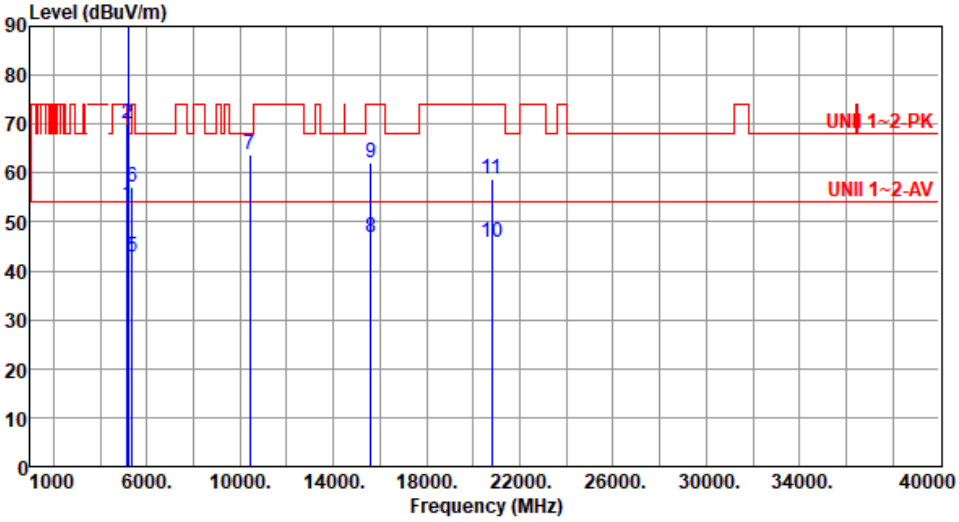


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.52	54.00	-0.48	53.10	0.42	Average	112	8
2		5150.00	73.50	74.00	-0.50	73.08	0.42	Peak	112	8
3	*	5200.00	106.61			106.39	0.22	Average	112	8
4	*	5200.00	120.74			120.52	0.22	Peak	112	8
5		5350.00	43.00	54.00	-11.00	43.26	-0.26	Average	112	8
6		5350.00	56.19	74.00	-17.81	56.45	-0.26	Peak	112	8
7		10400.00	66.91	68.20	-1.29	58.77	8.14	Peak	159	166
8		15600.00	44.20	54.00	-9.80	39.05	5.15	Average	100	293
9		15600.00	59.04	74.00	-14.96	53.89	5.15	Peak	100	293
10		20800.00	43.52	54.00	-10.48	40.01	3.51	Average	100	125
11		20800.00	56.19	74.00	-17.81	52.68	3.51	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).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5200
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

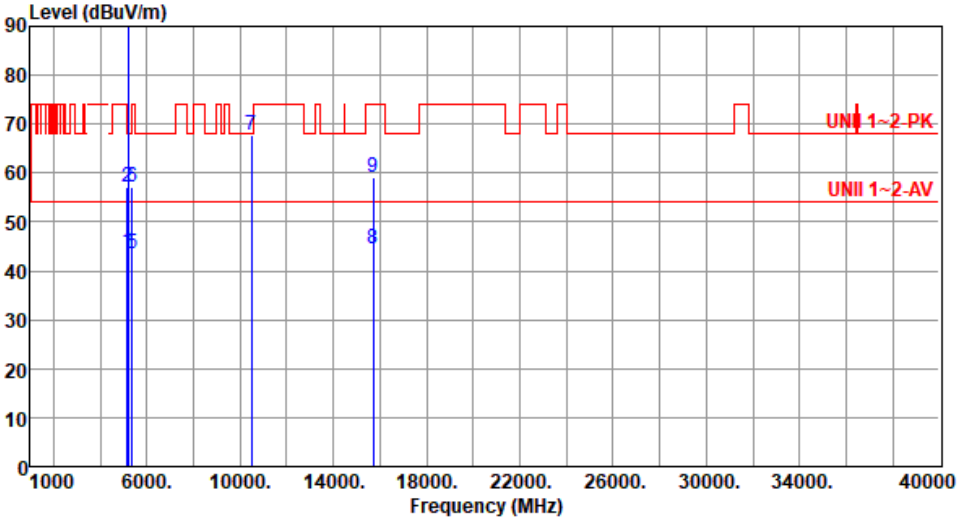


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.31	54.00	-0.69	52.89	0.42	Average	110	276
2		5150.00	70.03	74.00	-3.97	69.61	0.42	Peak	110	276
3	*	5200.00	106.13			105.91	0.22	Average	110	276
4	*	5200.00	119.37			119.15	0.22	Peak	110	276
5		5350.00	42.69	54.00	-11.31	42.95	-0.26	Average	110	276
6		5350.00	57.00	74.00	-17.00	57.26	-0.26	Peak	110	276
7		10400.00	63.93	68.20	-4.27	55.79	8.14	Peak	189	181
8		15600.00	46.72	54.00	-7.28	41.57	5.15	Average	152	176
9		15600.00	62.13	74.00	-11.87	56.98	5.15	Peak	152	176
10		20800.00	45.84	54.00	-8.16	42.33	3.51	Average	188	177
11		20800.00	58.92	74.00	-15.08	55.41	3.51	Peak	188	177

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5240
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

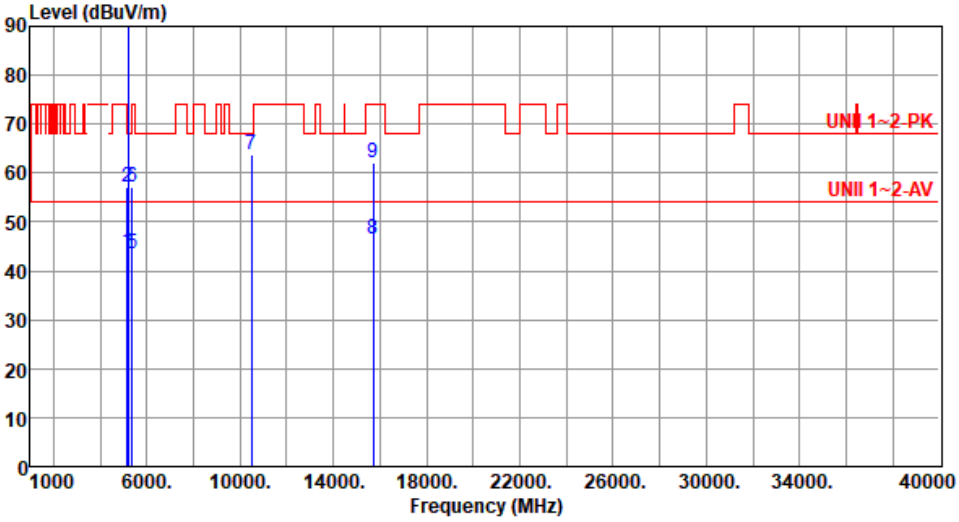


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	43.87	54.00	-10.13	43.45	0.42	Average	109	7
2		5150.00	57.26	74.00	-16.74	56.84	0.42	Peak	109	7
3	*	5240.00	105.51			105.61	-0.10	Average	109	7
4	*	5240.00	118.83			118.93	-0.10	Peak	109	7
5		5350.00	43.55	54.00	-10.45	43.81	-0.26	Average	109	7
6		5350.00	57.15	74.00	-16.85	57.41	-0.26	Peak	109	7
7		10480.00	67.81	68.20	-0.39	59.54	8.27	Peak	153	163
8		15720.00	44.36	54.00	-9.64	39.14	5.22	Average	100	289
9		15720.00	59.21	74.00	-14.79	53.99	5.22	Peak	100	289

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5240
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

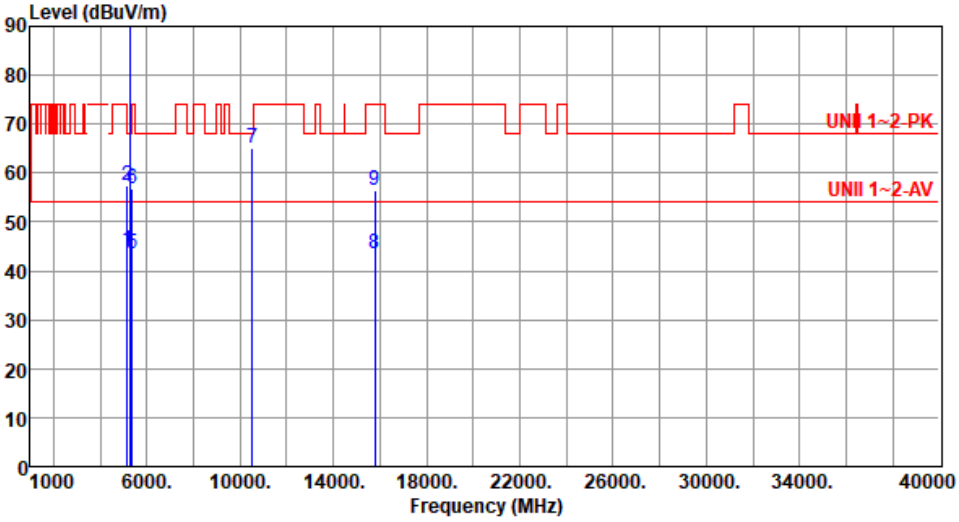


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	43.75	54.00	-10.25	43.33	0.42	Average	111	279
2		5150.00	57.14	74.00	-16.86	56.72	0.42	Peak	111	279
3	*	5240.00	105.12			105.22	-0.10	Average	111	279
4	*	5240.00	118.36			118.46	-0.10	Peak	111	279
5		5350.00	43.61	54.00	-10.39	43.87	-0.26	Average	111	279
6		5350.00	57.12	74.00	-16.88	57.38	-0.26	Peak	111	279
7		10480.00	63.85	68.20	-4.35	55.58	8.27	Peak	181	186
8		15720.00	46.52	54.00	-7.48	41.30	5.22	Average	148	171
9		15720.00	62.08	74.00	-11.92	56.86	5.22	Peak	148	171

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	**Test Freq. (MHz)**	5260
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

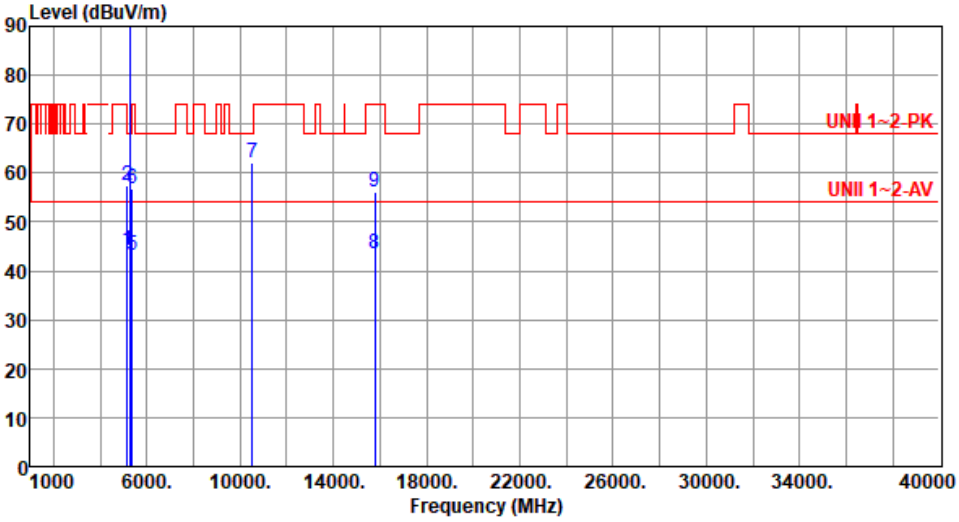


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	44.29	54.00	-9.71	43.87	0.42	Average	116	9
2		5150.00	57.41	74.00	-16.59	56.99	0.42	Peak	116	9
3	*	5260.00	103.65			103.84	-0.19	Average	116	9
4	*	5260.00	117.19			117.38	-0.19	Peak	116	9
5		5350.00	43.45	54.00	-10.55	43.71	-0.26	Average	116	9
6		5350.00	56.68	74.00	-17.32	56.94	-0.26	Peak	116	9
7		10520.00	65.09	68.20	-3.11	56.79	8.30	Peak	161	163
8		15780.00	43.48	54.00	-10.52	38.31	5.17	Average	100	296
9		15780.00	56.45	74.00	-17.55	51.28	5.17	Peak	100	296

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5260
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

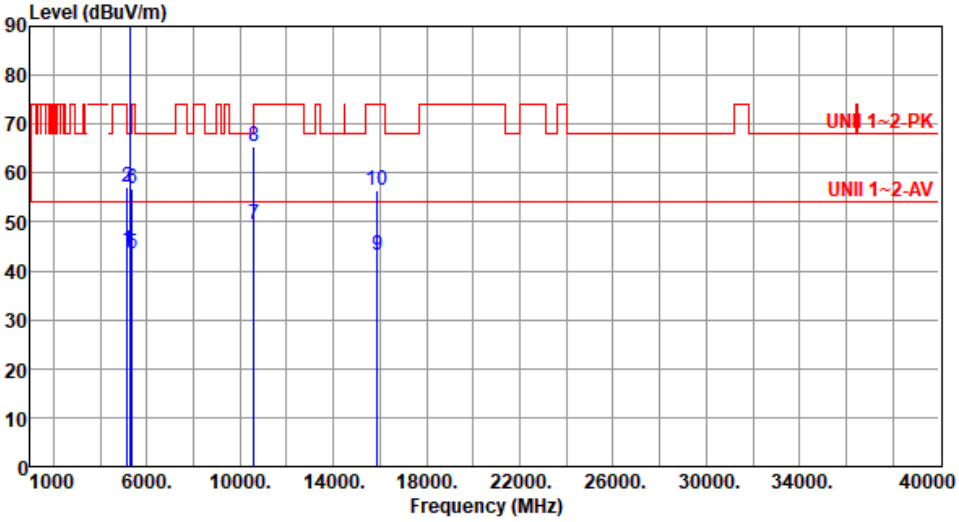


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	44.14	54.00	-9.86	43.72	0.42	Average	109	282
2		5150.00	57.29	74.00	-16.71	56.87	0.42	Peak	109	282
3	*	5260.00	103.45			103.64	-0.19	Average	109	282
4	*	5260.00	116.95			117.14	-0.19	Peak	109	282
5		5350.00	43.32	54.00	-10.68	43.58	-0.26	Average	109	282
6		5350.00	56.81	74.00	-17.19	57.07	-0.26	Peak	109	282
7		10520.00	62.25	68.20	-5.95	53.95	8.30	Peak	194	185
8		15780.00	43.59	54.00	-10.41	38.42	5.17	Average	100	31
9		15780.00	56.11	74.00	-17.89	50.94	5.17	Peak	100	31

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5300
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

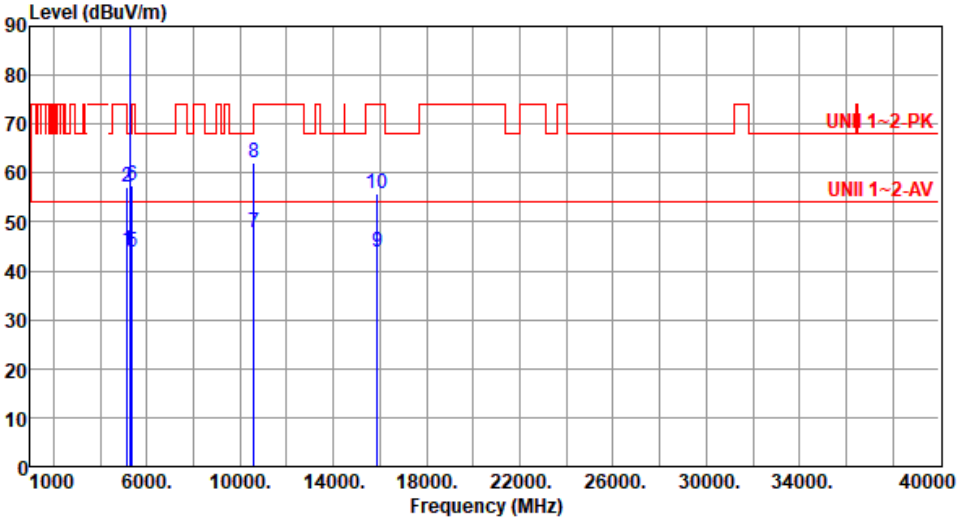


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	44.23	54.00	-9.77	43.81	0.42	Average	119	8
2		5150.00	57.22	74.00	-16.78	56.80	0.42	Peak	119	8
3	*	5300.00	103.58			103.85	-0.27	Average	119	8
4	*	5300.00	117.32			117.59	-0.27	Peak	119	8
5		5350.00	43.56	54.00	-10.44	43.82	-0.26	Average	119	8
6		5350.00	56.75	74.00	-17.25	57.01	-0.26	Peak	119	8
7		10600.00	49.32	54.00	-4.68	41.02	8.30	Average	160	164
8		10600.00	65.36	74.00	-8.64	57.06	8.30	Peak	160	164
9		15900.00	43.31	54.00	-10.69	38.37	4.94	Average	100	286
10		15900.00	56.60	74.00	-17.40	51.66	4.94	Peak	100	286

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5300
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

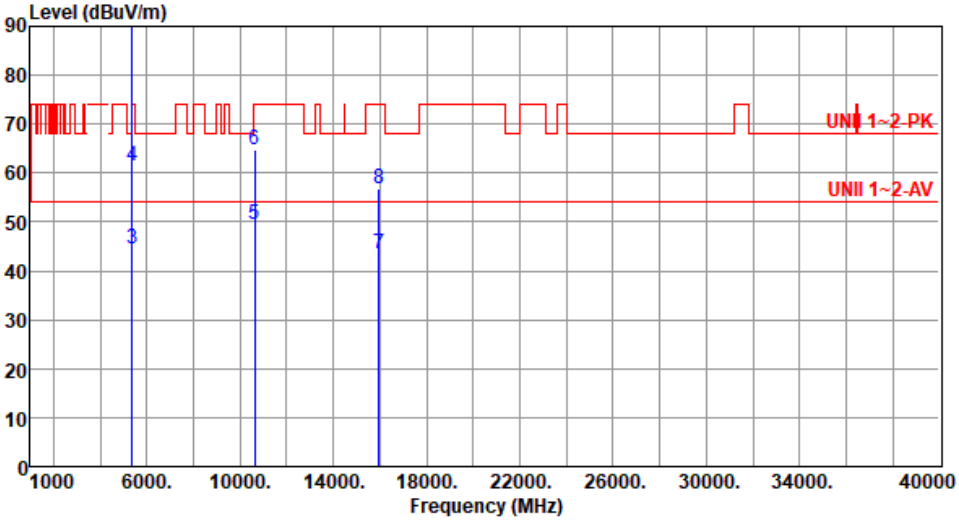


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	44.01	54.00	-9.99	43.59	0.42	Average	108	280
2		5150.00	57.01	74.00	-16.99	56.59	0.42	Peak	108	280
3	*	5300.00	103.54			103.81	-0.27	Average	108	280
4	*	5300.00	116.80			117.07	-0.27	Peak	108	280
5		5350.00	43.83	54.00	-10.17	44.09	-0.26	Average	108	280
6		5350.00	57.41	74.00	-16.59	57.67	-0.26	Peak	108	280
7		10600.00	47.66	54.00	-6.34	39.36	8.30	Average	195	191
8		10600.00	62.02	74.00	-11.98	53.72	8.30	Peak	195	191
9		15900.00	43.70	54.00	-10.30	38.76	4.94	Average	100	29
10		15900.00	55.76	74.00	-18.24	50.82	4.94	Peak	100	29

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5320
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

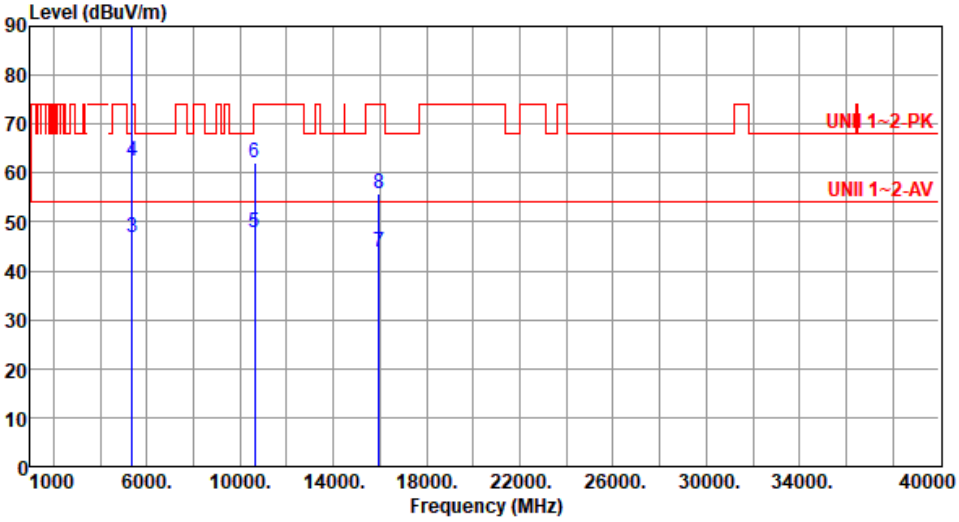


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5320.00	103.04			103.31	-0.27	Average	118	3
2	*	5320.00	116.79			117.06	-0.27	Peak	118	3
3		5350.00	44.45	54.00	-9.55	44.71	-0.26	Average	118	3
4		5350.00	61.59	74.00	-12.41	61.85	-0.26	Peak	118	3
5		10640.00	49.40	54.00	-4.60	40.98	8.42	Average	154	168
6		10640.00	64.77	74.00	-9.23	56.35	8.42	Peak	154	168
7		15960.00	43.44	54.00	-10.56	38.37	5.07	Average	100	288
8		15960.00	56.72	74.00	-17.28	51.65	5.07	Peak	100	288

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5320
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

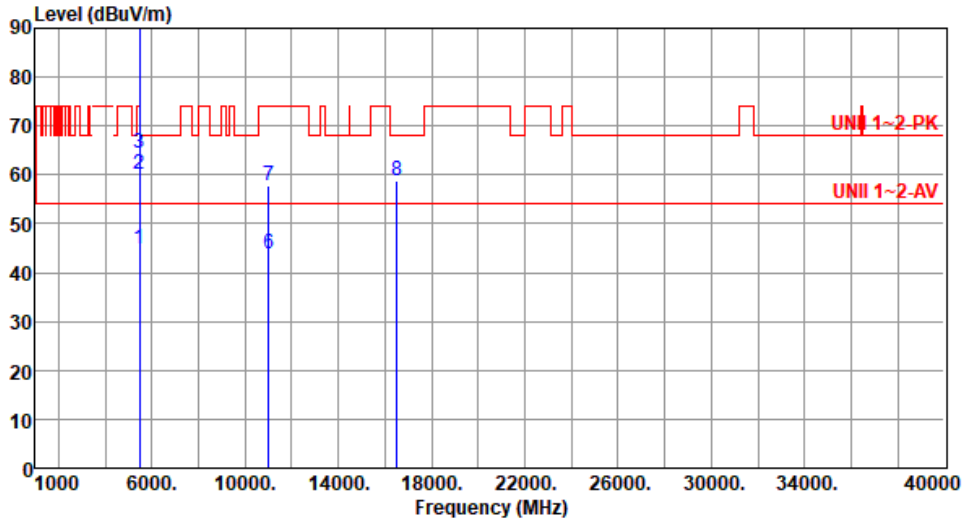


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5320.00	103.56			103.83	-0.27	Average	125	272
2	*	5320.00	117.16			117.43	-0.27	Peak	125	272
3		5350.00	46.77	54.00	-7.23	47.03	-0.26	Average	125	272
4		5350.00	62.49	74.00	-11.51	62.75	-0.26	Peak	125	272
5		10640.00	47.75	54.00	-6.25	39.33	8.42	Average	198	185
6		10640.00	62.14	74.00	-11.86	53.72	8.42	Peak	198	185
7		15960.00	43.81	54.00	-10.19	38.74	5.07	Average	100	32
8		15960.00	55.84	74.00	-18.16	50.77	5.07	Peak	100	32

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	**Test Freq. (MHz)**	5500
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

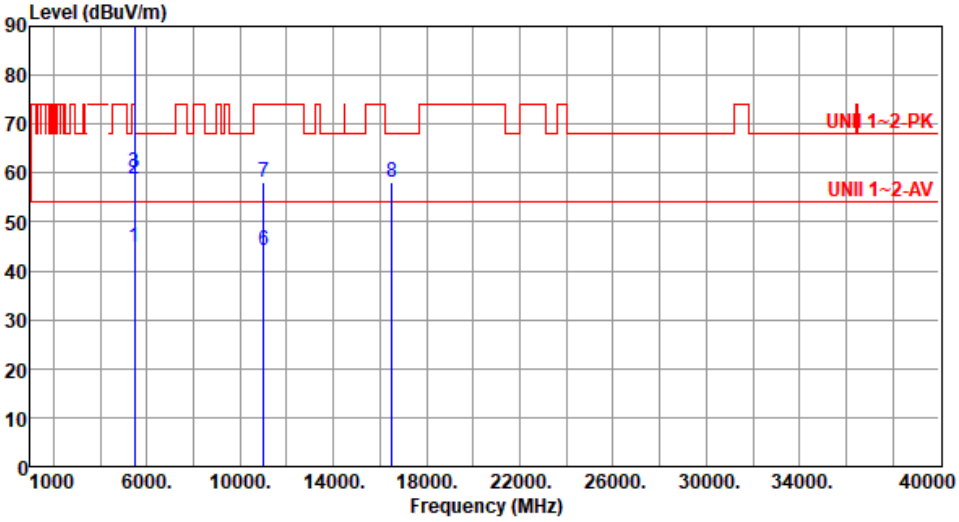


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	44.68	54.00	-9.32	44.40	0.28	Average	128	8
2		5460.00	60.15	74.00	-13.85	59.87	0.28	Peak	128	8
3		5470.00	64.49	68.20	-3.71	64.20	0.29	Peak	128	8
4	*	5500.00	104.58			104.22	0.36	Average	128	8
5	*	5500.00	118.17			117.81	0.36	Peak	128	8
6		11000.00	43.85	54.00	-10.15	34.84	9.01	Average	100	261
7		11000.00	57.64	74.00	-16.36	48.63	9.01	Peak	100	261
8		16500.00	58.82	68.20	-9.38	52.03	6.79	Peak	100	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).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5500
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

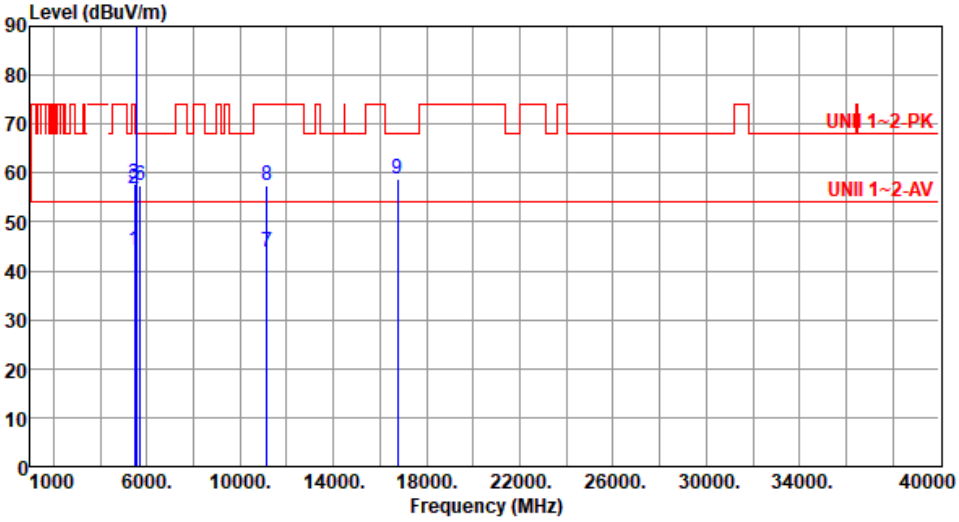


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	44.90	54.00	-9.10	44.62	0.28	Average	132	179
2		5460.00	58.82	74.00	-15.18	58.54	0.28	Peak	132	179
3		5470.00	59.97	68.20	-8.23	59.68	0.29	Peak	132	179
4	*	5500.00	103.62			103.26	0.36	Average	132	179
5	*	5500.00	117.57			117.21	0.36	Peak	132	179
6		11000.00	44.15	54.00	-9.85	35.14	9.01	Average	100	141
7		11000.00	58.02	74.00	-15.98	49.01	9.01	Peak	100	141
8		16500.00	58.26	68.20	-9.94	51.47	6.79	Peak	100	98

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5580
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

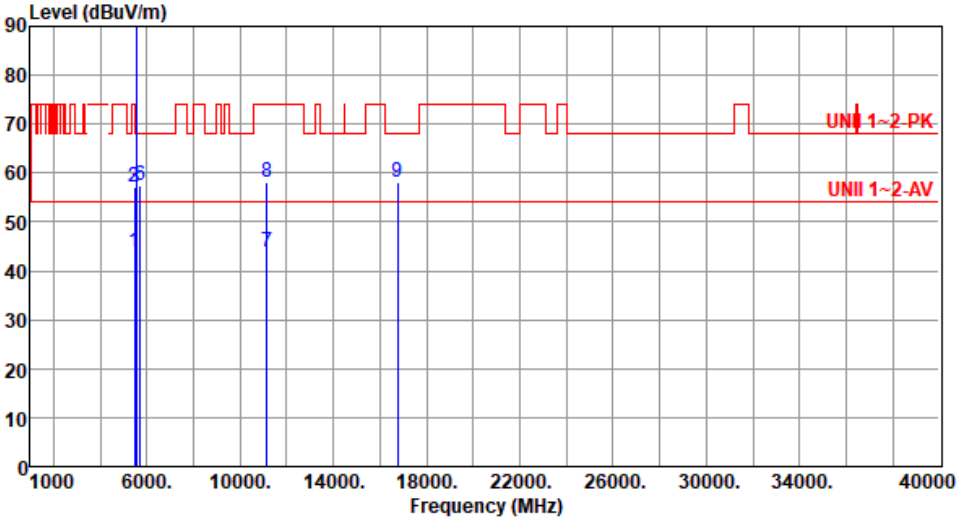


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	44.15	54.00	-9.85	43.87	0.28	Average	116	6
2		5460.00	56.86	74.00	-17.14	56.58	0.28	Peak	116	6
3		5470.00	57.71	68.20	-10.49	57.42	0.29	Peak	116	6
4	*	5580.00	104.55			104.11	0.44	Average	116	6
5	*	5580.00	118.06			117.62	0.44	Peak	116	6
6		5725.00	57.53	68.20	-10.67	56.90	0.63	Peak	116	6
7		11160.00	43.78	54.00	-10.22	35.41	8.37	Average	100	256
8		11160.00	57.52	74.00	-16.48	49.15	8.37	Peak	100	256
9		16740.00	58.74	68.20	-9.46	52.21	6.53	Peak	100	44

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5580
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

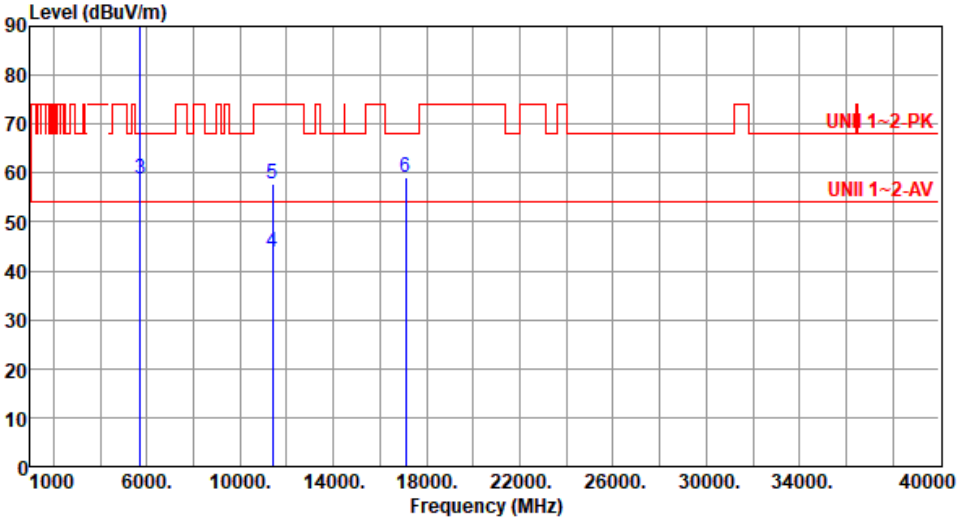


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.88	54.00	-10.12	43.60	0.28	Average	128	177
2		5460.00	57.18	74.00	-16.82	56.90	0.28	Peak	128	177
3		5470.00	57.15	68.20	-11.05	56.86	0.29	Peak	128	177
4	*	5580.00	103.53			103.09	0.44	Average	128	177
5	*	5580.00	116.91			116.47	0.44	Peak	128	177
6		5725.00	57.30	68.20	-10.90	56.67	0.63	Peak	128	177
7		11160.00	43.98	54.00	-10.02	35.61	8.37	Average	100	149
8		11160.00	57.96	74.00	-16.04	49.59	8.37	Peak	100	149
9		16740.00	58.15	68.20	-10.05	51.62	6.53	Peak	100	95

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	**Test Freq. (MHz)**	5700
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

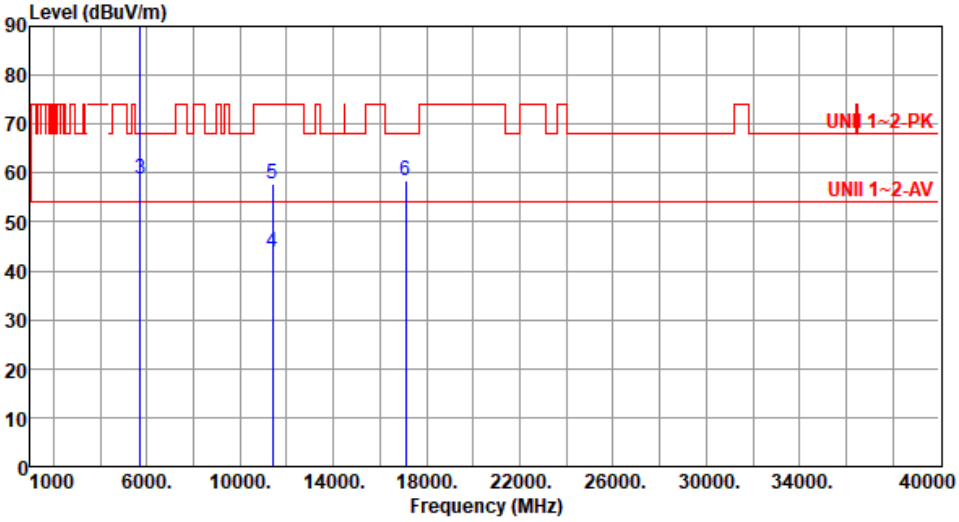


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5700.00	103.14			102.58	0.56	Average	105	7
2	*	5700.00	117.35			116.79	0.56	Peak	105	7
3		5725.00	58.83	68.20	-9.37	58.20	0.63	Peak	105	7
4		11400.00	43.92	54.00	-10.08	35.76	8.16	Average	100	251
5		11400.00	57.69	74.00	-16.31	49.53	8.16	Peak	100	251
6		17100.00	58.96	68.20	-9.24	52.84	6.12	Peak	100	35

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	**Test Freq. (MHz)**	5700
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):64

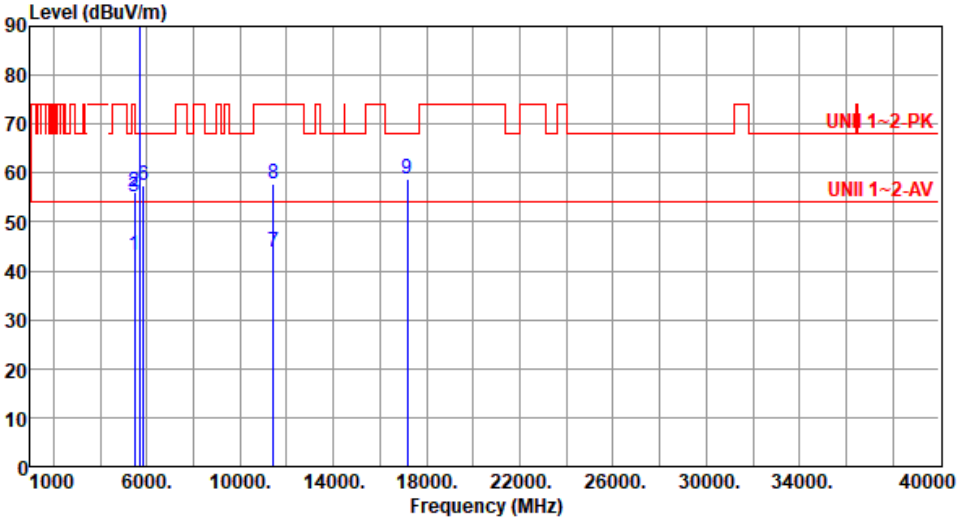


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5700.00	102.45			101.89	0.56	Average	125	174
2	*	5700.00	116.74			116.18	0.56	Peak	125	174
3		5725.00	58.71	68.20	-9.49	58.08	0.63	Peak	125	174
4		11400.00	43.84	54.00	-10.16	35.68	8.16	Average	100	141
5		11400.00	57.82	74.00	-16.18	49.66	8.16	Peak	100	141
6		17100.00	58.39	68.20	-9.81	52.27	6.12	Peak	100	84

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

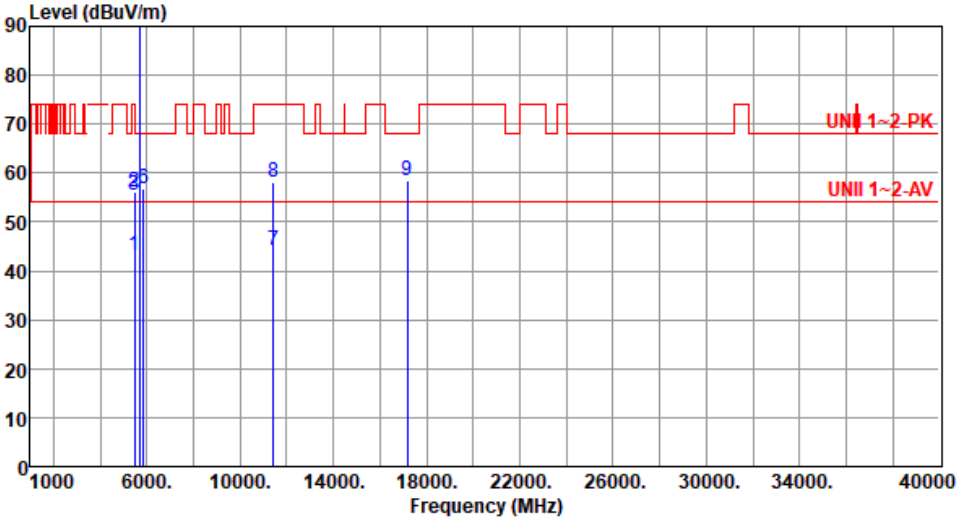


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.24	54.00	-10.76	42.96	0.28	Average	100	354
2		5460.00	56.10	74.00	-17.90	55.82	0.28	Peak	100	354
3		5470.00	55.15	68.20	-13.05	54.86	0.29	Peak	100	354
4	*	5720.00	103.24			102.63	0.61	Average	100	354
5	*	5720.00	115.81			115.20	0.61	Peak	100	354
6		5850.00	57.54	68.20	-10.66	56.70	0.84	Peak	100	354
7		11440.00	43.89	54.00	-10.11	35.67	8.22	Average	100	245
8		11440.00	57.64	74.00	-16.36	49.42	8.22	Peak	100	245
9		17160.00	58.85	68.20	-9.35	52.92	5.93	Peak	100	41

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

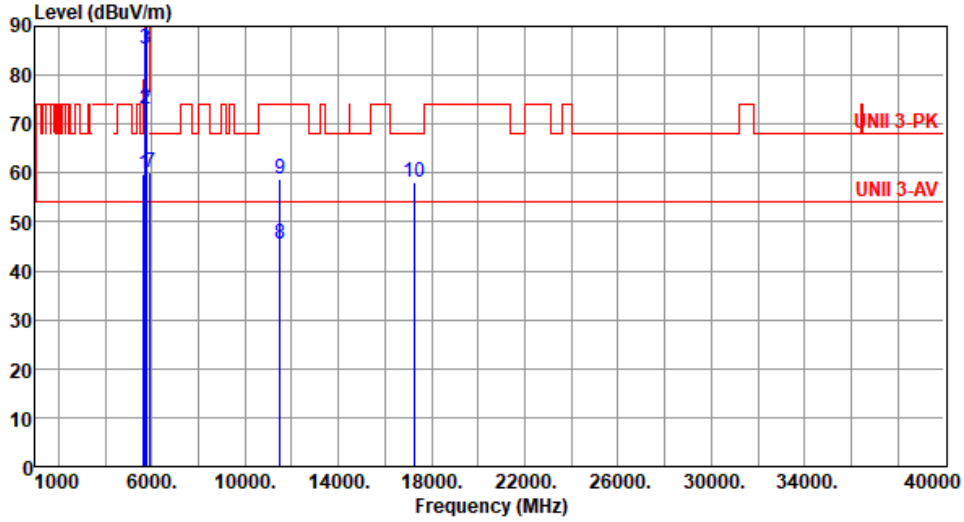


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.19	54.00	-10.81	42.91	0.28	Average	100	173
2		5460.00	56.09	74.00	-17.91	55.81	0.28	Peak	100	173
3		5470.00	55.36	68.20	-12.84	55.07	0.29	Peak	100	173
4	*	5720.00	102.84			102.23	0.61	Average	100	173
5	*	5720.00	116.88			116.27	0.61	Peak	100	173
6		5850.00	56.66	68.20	-11.54	55.82	0.84	Peak	100	173
7		11440.00	44.12	54.00	-9.88	35.90	8.22	Average	100	159
8		11440.00	58.14	74.00	-15.86	49.92	8.22	Peak	100	159
9		17160.00	58.39	68.20	-9.81	52.46	5.93	Peak	100	87

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5745
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

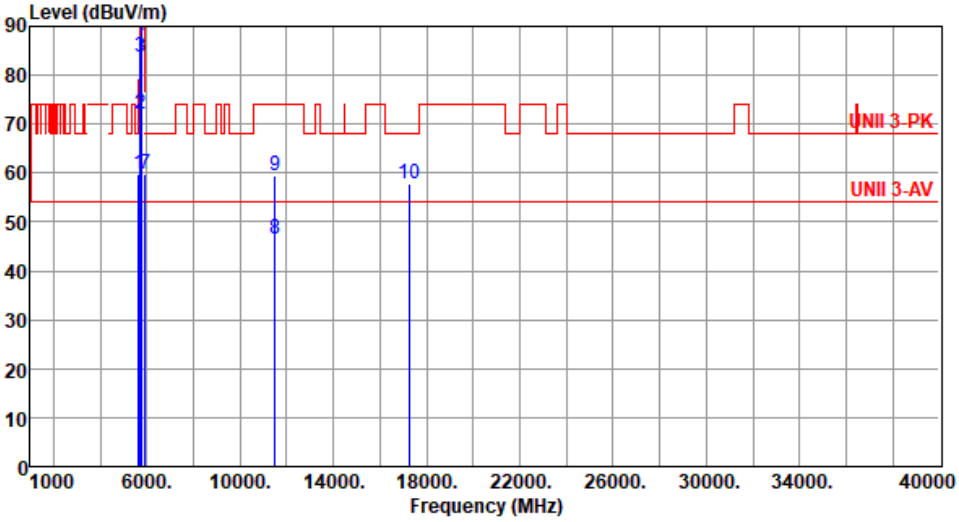


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.85	68.20	-8.35	59.51	0.34	Peak	100	353
2		5700.00	73.05	105.20	-32.15	72.49	0.56	Peak	100	353
3		5720.00	85.28	110.80	-25.52	84.67	0.61	Peak	100	353
4		5725.00	89.34	122.20	-32.86	88.71	0.63	Peak	100	353
5	*	5745.00	106.86			106.18	0.68	Average	100	353
6	*	5745.00	119.72			119.04	0.68	Peak	100	353
7		5925.00	59.99	68.20	-8.21	58.85	1.14	Peak	100	353
8		11490.00	45.52	54.00	-8.48	37.21	8.31	Average	118	231
9		11490.00	58.69	74.00	-15.31	50.38	8.31	Peak	118	231
10		17235.00	58.22	68.20	-9.98	52.40	5.82	Peak	100	168

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

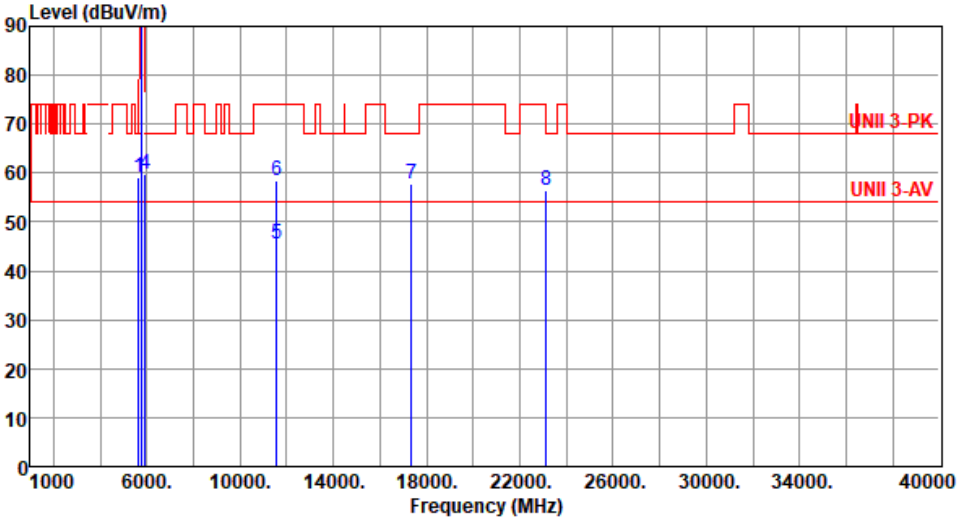


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.68	68.20	-8.52	59.34	0.34	Peak	218	176
2		5700.00	71.96	105.20	-33.24	71.40	0.56	Peak	218	176
3		5720.00	83.85	110.80	-26.95	83.24	0.61	Peak	218	176
4		5725.00	88.06	122.20	-34.14	87.43	0.63	Peak	218	176
5	*	5745.00	105.69			105.01	0.68	Average	218	176
6	*	5745.00	118.82			118.14	0.68	Peak	218	176
7		5925.00	59.81	68.20	-8.39	58.67	1.14	Peak	218	176
8		11490.00	46.48	54.00	-7.52	38.17	8.31	Average	100	136
9		11490.00	59.35	74.00	-14.65	51.04	8.31	Peak	100	136
10		17235.00	57.94	68.20	-10.26	52.12	5.82	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).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5785
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

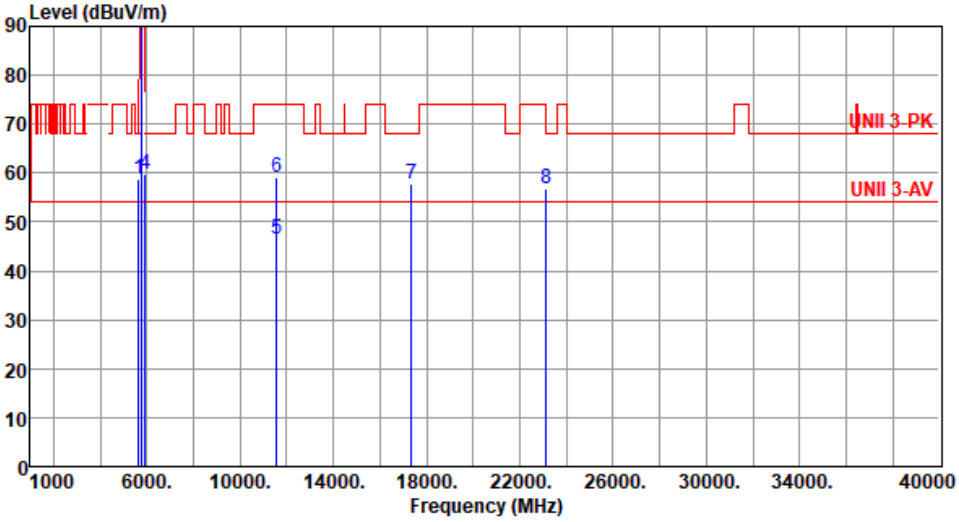


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.01	68.20	-9.19	58.67	0.34	Peak	100	352
2	*	5785.00	107.16			106.53	0.63	Average	100	352
3	*	5785.00	121.26	------	------	120.63	0.63	Peak	100	352
4		5925.00	59.80	68.20	-8.40	58.66	1.14	Peak	100	352
5		11570.00	45.37	54.00	-8.63	37.11	8.26	Average	121	229
6		11570.00	58.58	74.00	-15.42	50.32	8.26	Peak	121	229
7		17355.00	57.91	68.20	-10.29	51.73	6.18	Peak	100	180
8		23140.00	56.51	68.20	-11.69	49.06	7.45	Peak	100	25

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5785
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

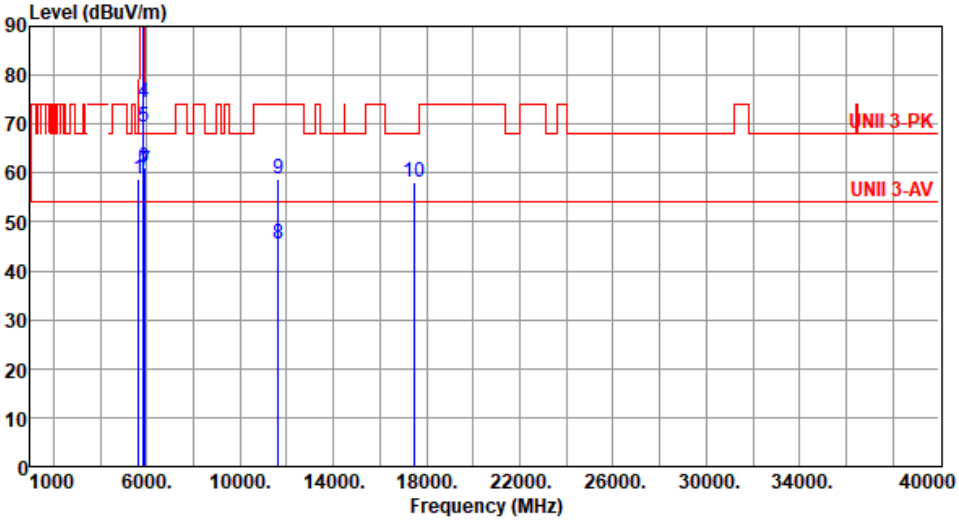


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	58.69	68.20	-9.51	58.35	0.34	Peak	221	174
2	*	5785.00	105.74			105.11	0.63	Average	221	174
3	*	5785.00	119.97			119.34	0.63	Peak	221	174
4		5925.00	59.83	68.20	-8.37	58.69	1.14	Peak	221	174
5		11570.00	46.37	54.00	-7.63	38.11	8.26	Average	100	148
6		11570.00	59.27	74.00	-14.73	51.01	8.26	Peak	100	148
7		17355.00	57.81	68.20	-10.39	51.63	6.18	Peak	100	122
8		23140.00	56.69	68.20	-11.51	49.24	7.45	Peak	100	18

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

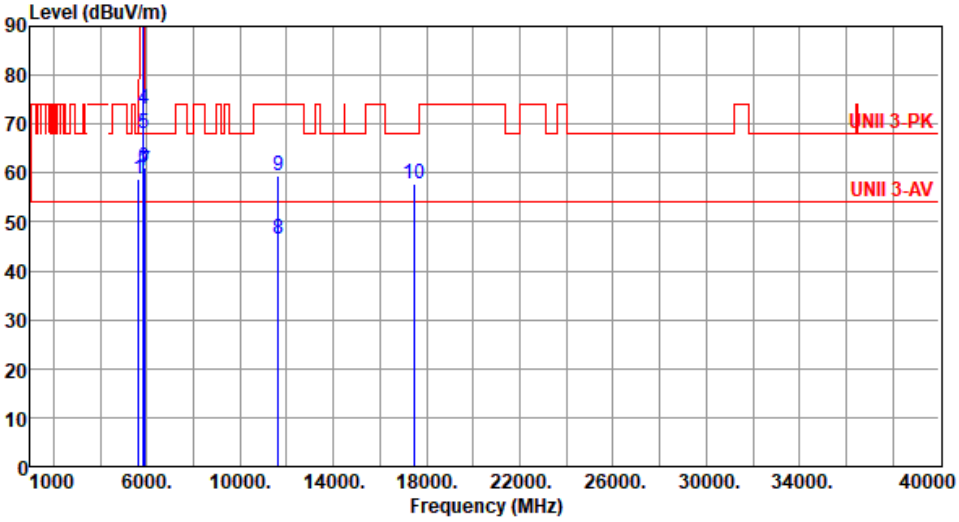


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	58.90	68.20	-9.30	58.56	0.34	Peak	100	352
2	*	5825.00	106.26			105.53	0.73	Average	100	352
3	*	5825.00	119.46			118.73	0.73	Peak	100	352
4		5850.00	74.47	122.20	-47.73	73.63	0.84	Peak	100	352
5		5855.00	69.52	110.80	-41.28	68.66	0.86	Peak	100	352
6		5875.00	61.10	105.20	-44.10	60.14	0.96	Peak	100	352
7		5925.00	60.41	68.20	-7.79	59.27	1.14	Peak	100	352
8		11650.00	45.46	54.00	-8.54	37.48	7.98	Average	112	212
9		11650.00	58.69	74.00	-15.31	50.71	7.98	Peak	112	212
10		17475.00	58.26	68.20	-9.94	51.62	6.64	Peak	100	169

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE20	Test Freq. (MHz)	5825
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64



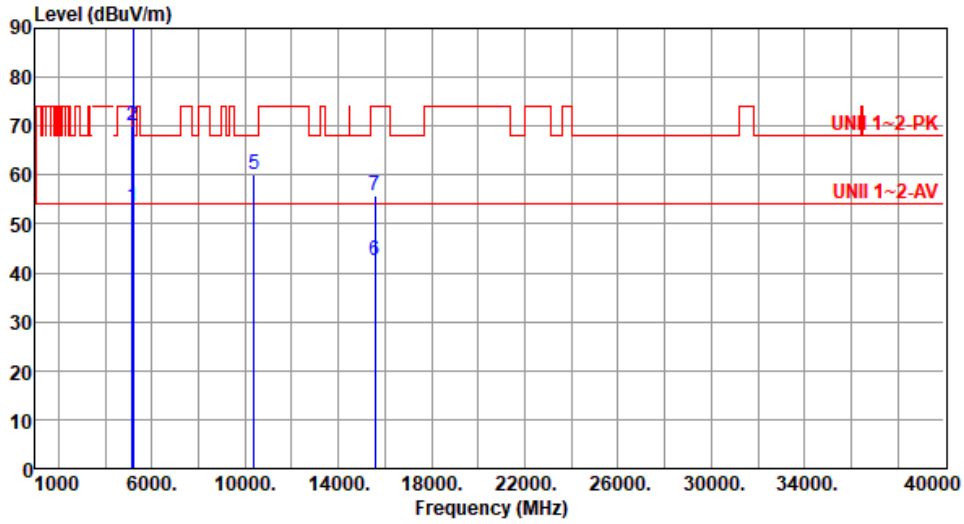
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	58.79	68.20	-9.41	58.45	0.34	Peak	218	179
2	*	5825.00	105.62			104.89	0.73	Average	218	179
3	*	5825.00	118.72			117.99	0.73	Peak	218	179
4		5850.00	73.16	122.20	-49.04	72.32	0.84	Peak	218	179
5		5855.00	68.24	110.80	-42.56	67.38	0.86	Peak	218	179
6		5875.00	61.02	105.20	-44.18	60.06	0.96	Peak	218	179
7		5925.00	60.39	68.20	-7.81	59.25	1.14	Peak	218	179
8		11650.00	46.51	54.00	-7.49	38.53	7.98	Average	100	144
9		11650.00	59.38	74.00	-14.62	51.40	7.98	Peak	100	144
10		17475.00	57.95	68.20	-10.25	51.31	6.64	Peak	100	115

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:"*" is Peak / Average value of fundamental frequency

Unwanted Emissions (Above 1GHz) for ax HE40

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

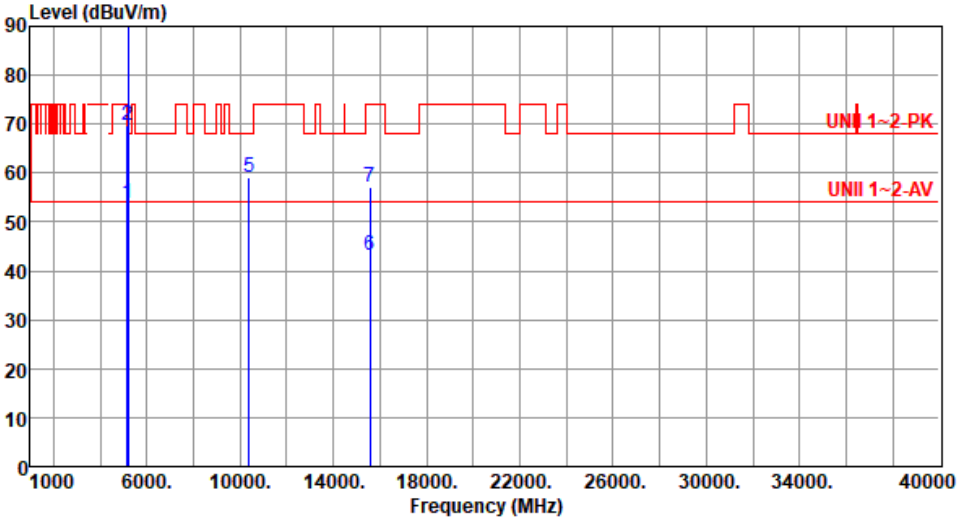


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.60	54.00	-0.40	53.18	0.42	Average	130	8
2		5150.00	69.97	74.00	-4.03	69.55	0.42	Peak	130	8
3	*	5190.00	101.65			101.39	0.26	Average	130	8
4	*	5190.00	114.17			113.91	0.26	Peak	130	8
5		10380.00	60.24	68.20	-7.96	52.11	8.13	Peak	100	231
6		15570.00	42.58	54.00	-11.42	37.23	5.35	Average	100	251
7		15570.00	55.79	74.00	-18.21	50.44	5.35	Peak	100	251

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5190
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

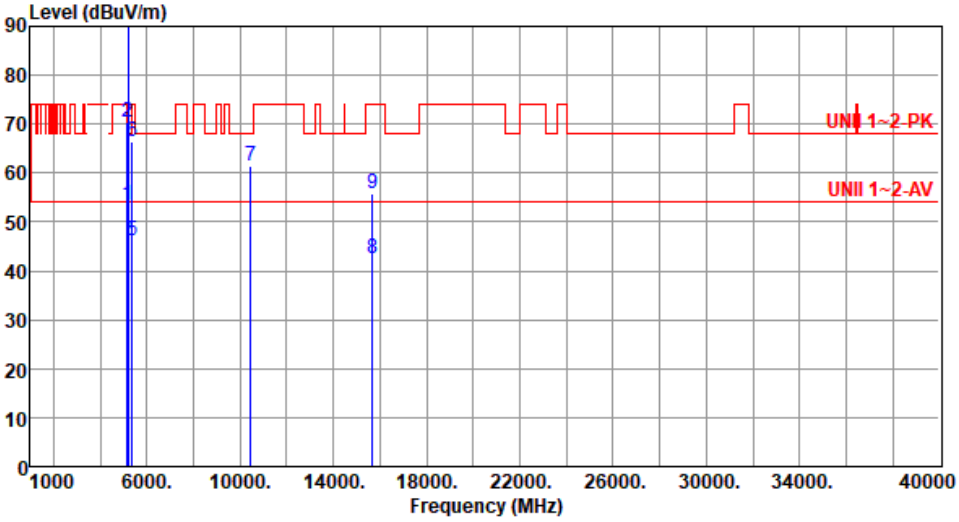


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.66	54.00	-0.34	53.24	0.42	Average	128	276
2		5150.00	69.59	74.00	-4.41	69.17	0.42	Peak	128	276
3	*	5190.00	102.03			101.77	0.26	Average	128	276
4	*	5190.00	115.74			115.48	0.26	Peak	128	276
5		10380.00	58.95	68.20	-9.25	50.82	8.13	Peak	145	162
6		15570.00	43.31	54.00	-10.69	37.96	5.35	Average	100	226
7		15570.00	57.14	74.00	-16.86	51.79	5.35	Peak	100	226

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

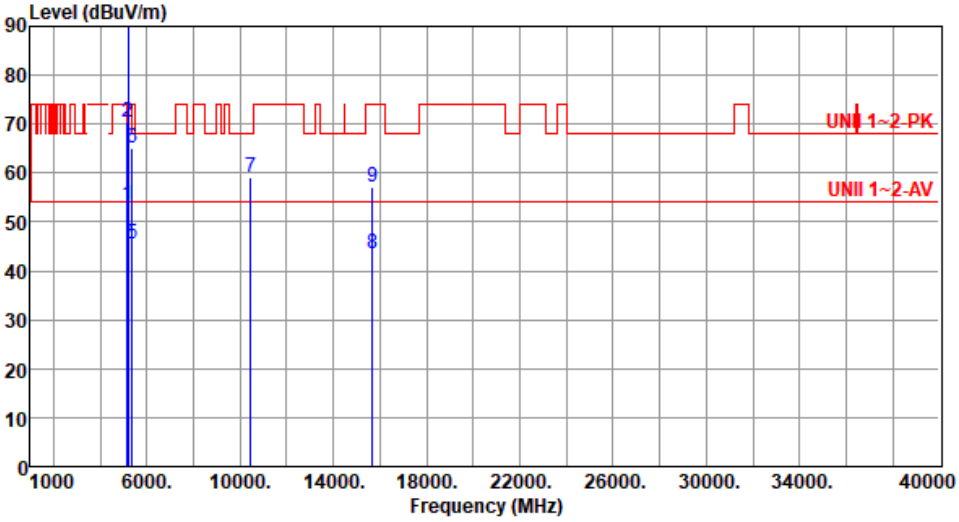


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.63	54.00	-0.37	53.21	0.42	Average	130	9
2		5150.00	70.50	74.00	-3.50	70.08	0.42	Peak	130	9
3	*	5230.00	102.56			102.58	-0.02	Average	130	9
4	*	5230.00	116.85			116.87	-0.02	Peak	130	9
5		5350.00	46.16	54.00	-7.84	46.42	-0.26	Average	130	9
6		5350.00	66.57	74.00	-7.43	66.83	-0.26	Peak	130	9
7		10460.00	61.36	68.20	-6.84	53.12	8.24	Peak	100	235
8		15690.00	42.66	54.00	-11.34	37.42	5.24	Average	100	249
9		15690.00	55.84	74.00	-18.16	50.60	5.24	Peak	100	249

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

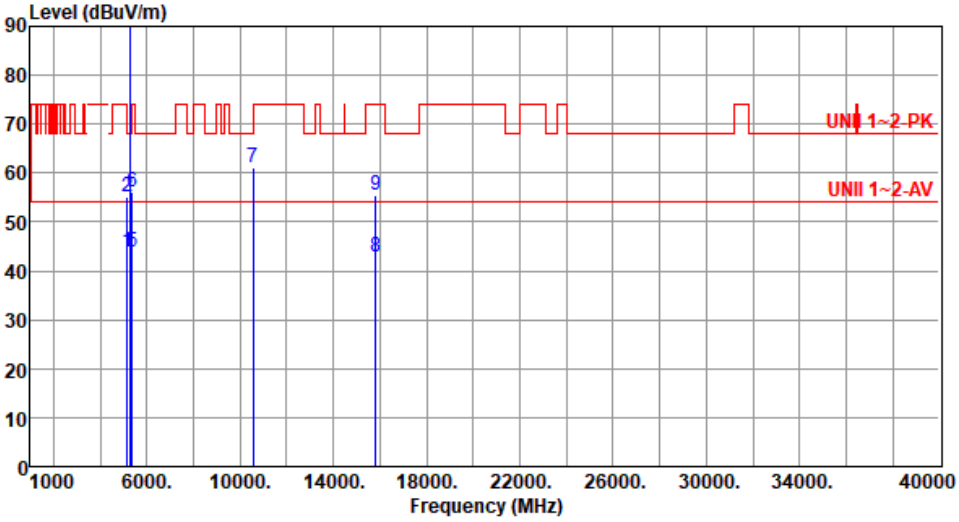


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.43	54.00	-0.57	53.01	0.42	Average	128	273
2		5150.00	70.37	74.00	-3.63	69.95	0.42	Peak	128	273
3	*	5230.00	103.10			103.12	-0.02	Average	128	273
4	*	5230.00	117.15			117.17	-0.02	Peak	128	273
5		5350.00	45.54	54.00	-8.46	45.80	-0.26	Average	128	273
6		5350.00	65.24	74.00	-8.76	65.50	-0.26	Peak	128	273
7		10460.00	59.02	68.20	-9.18	50.78	8.24	Peak	151	164
8		15690.00	43.38	54.00	-10.62	38.14	5.24	Average	100	235
9		15690.00	57.22	74.00	-16.78	51.98	5.24	Peak	100	235

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5270
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

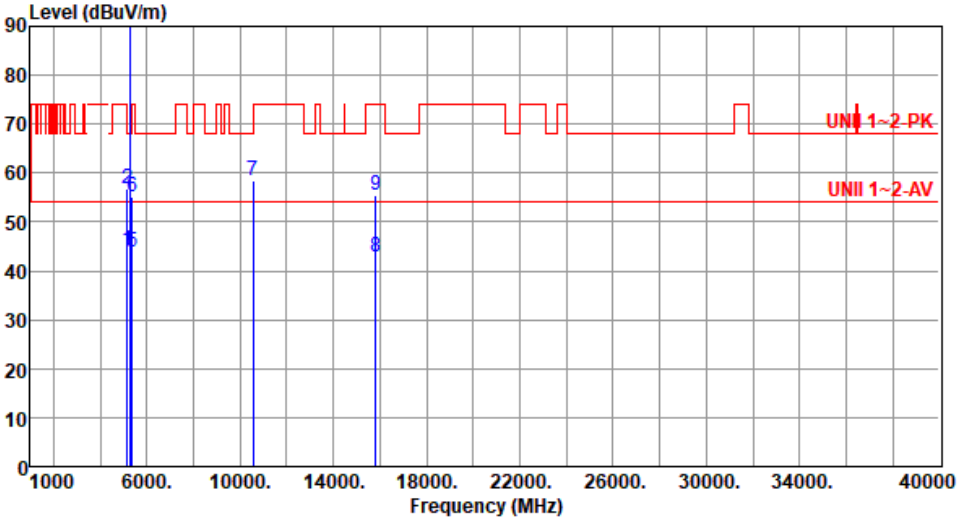


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	43.91	54.00	-10.09	43.49	0.42	Average	129	7
2		5150.00	55.17	74.00	-18.83	54.75	0.42	Peak	129	7
3	*	5270.00	100.50			100.71	-0.21	Average	129	7
4	*	5270.00	113.38			113.59	-0.21	Peak	129	7
5		5350.00	43.81	54.00	-10.19	44.07	-0.26	Average	129	7
6		5350.00	56.10	74.00	-17.90	56.36	-0.26	Peak	129	7
7		10540.00	61.12	68.20	-7.08	52.81	8.31	Peak	100	234
8		15810.00	43.01	54.00	-10.99	37.89	5.12	Average	100	122
9		15810.00	55.34	74.00	-18.66	50.22	5.12	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).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5270
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

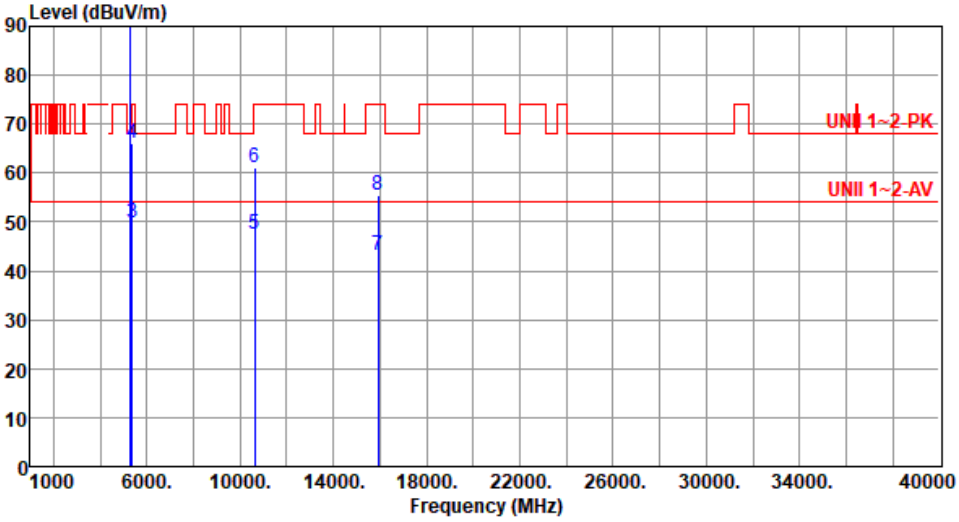


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	44.24	54.00	-9.76	43.82	0.42	Average	124	275
2		5150.00	56.73	74.00	-17.27	56.31	0.42	Peak	124	275
3	*	5270.00	100.84			101.05	-0.21	Average	124	275
4	*	5270.00	114.61			114.82	-0.21	Peak	124	275
5		5350.00	43.75	54.00	-10.25	44.01	-0.26	Average	124	275
6		5350.00	55.12	74.00	-18.88	55.38	-0.26	Peak	124	275
7		10540.00	58.47	68.20	-9.73	50.16	8.31	Peak	100	136
8		15810.00	43.01	54.00	-10.99	37.89	5.12	Average	100	25
9		15810.00	55.61	74.00	-18.39	50.49	5.12	Peak	100	25

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	**Test Freq. (MHz)**	5310
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

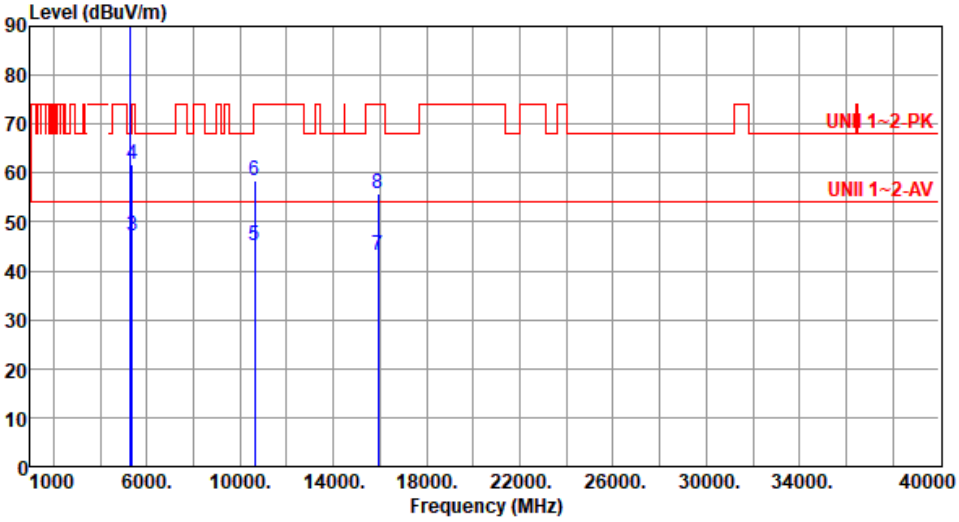


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5310.00	100.91			101.17	-0.26	Average	131	274
2	*	5310.00	114.37			114.63	-0.26	Peak	131	274
3		5350.00	49.66	54.00	-4.34	49.92	-0.26	Average	131	274
4		5350.00	66.15	74.00	-7.85	66.41	-0.26	Peak	131	274
5		10620.00	47.52	54.00	-6.48	39.15	8.37	Average	100	239
6		10620.00	61.24	74.00	-12.76	52.87	8.37	Peak	100	239
7		15930.00	43.26	54.00	-10.74	38.25	5.01	Average	100	114
8		15930.00	55.45	74.00	-18.55	50.44	5.01	Peak	100	114

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5310
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

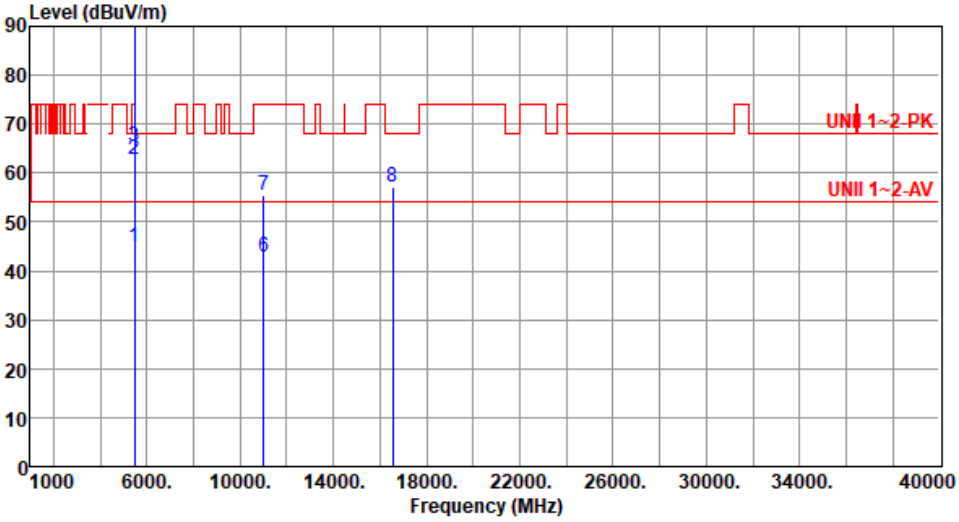


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5310.00	100.26			100.52	-0.26	Average	118	8
2	*	5310.00	113.71			113.97	-0.26	Peak	118	8
3		5350.00	47.27	54.00	-6.73	47.53	-0.26	Average	118	8
4		5350.00	61.68	74.00	-12.32	61.94	-0.26	Peak	118	8
5		10620.00	45.26	54.00	-8.74	36.89	8.37	Average	100	142
6		10620.00	58.53	74.00	-15.47	50.16	8.37	Peak	100	142
7		15930.00	43.16	54.00	-10.84	38.15	5.01	Average	100	26
8		15930.00	55.78	74.00	-18.22	50.77	5.01	Peak	100	26

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	**Test Freq. (MHz)**	5510
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

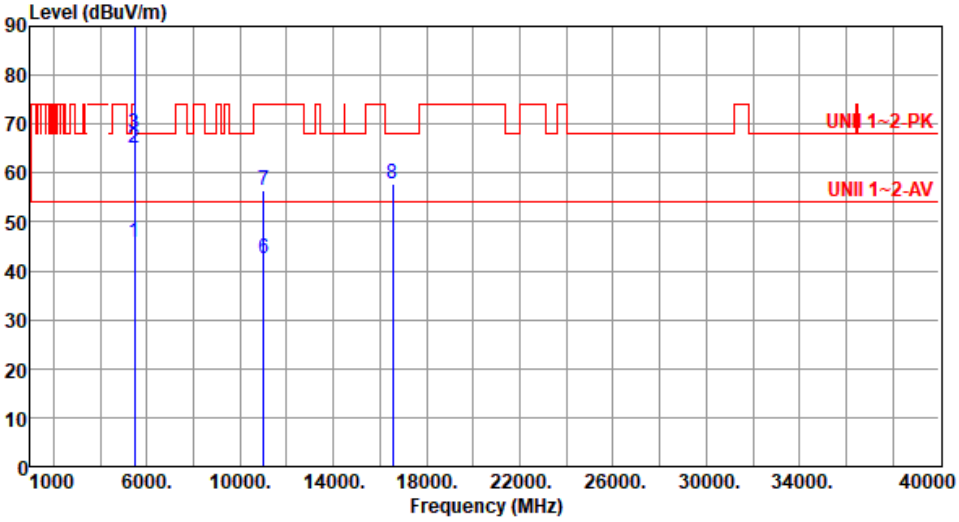


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	44.97	54.00	-9.03	44.69	0.28	Average	122	7
2		5460.00	62.65	74.00	-11.35	62.37	0.28	Peak	122	7
3		5470.00	65.43	68.20	-2.77	65.14	0.29	Peak	122	7
4	*	5510.00	101.15			100.76	0.39	Average	122	7
5	*	5510.00	115.44			115.05	0.39	Peak	122	7
6		11020.00	42.85	54.00	-11.15	33.93	8.92	Average	100	19
7		11020.00	55.36	74.00	-18.64	46.44	8.92	Peak	100	19
8		16530.00	57.25	68.20	-10.95	50.68	6.57	Peak	100	33

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5510
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

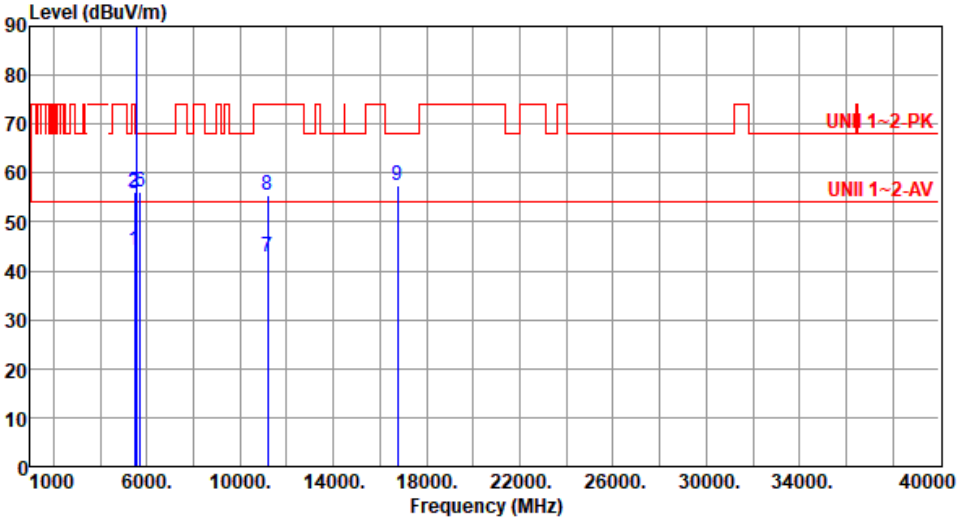


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	45.91	54.00	-8.09	45.63	0.28	Average	100	274
2		5460.00	64.95	74.00	-9.05	64.67	0.28	Peak	100	274
3		5470.00	67.93	68.20	-0.27	67.64	0.29	Peak	100	274
4	*	5510.00	99.85			99.46	0.39	Average	100	274
5	*	5510.00	114.03			113.64	0.39	Peak	100	274
6		11020.00	42.44	54.00	-11.56	33.52	8.92	Average	100	148
7		11020.00	56.56	74.00	-17.44	47.64	8.92	Peak	100	148
8		16530.00	57.76	68.20	-10.44	51.19	6.57	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).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5590
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

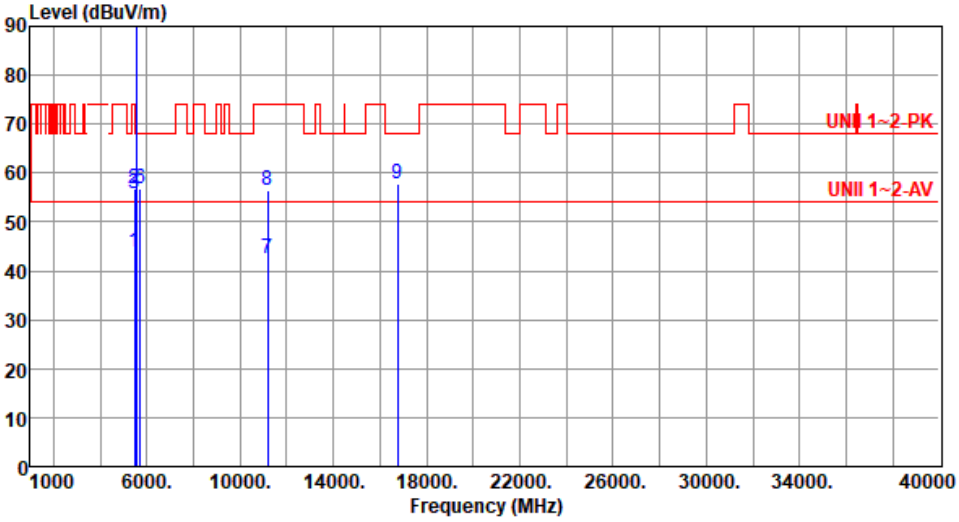


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	44.08	54.00	-9.92	43.80	0.28	Average	119	5
2		5460.00	56.12	74.00	-17.88	55.84	0.28	Peak	119	5
3		5470.00	55.67	68.20	-12.53	55.38	0.29	Peak	119	5
4	*	5590.00	101.89			101.47	0.42	Average	119	5
5	*	5590.00	115.53			115.11	0.42	Peak	119	5
6		5725.00	56.27	68.20	-11.93	55.64	0.63	Peak	119	5
7		11180.00	42.92	54.00	-11.08	34.62	8.30	Average	100	15
8		11180.00	55.44	74.00	-18.56	47.14	8.30	Peak	100	15
9		16770.00	57.30	68.20	-10.90	50.67	6.63	Peak	100	29

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5590
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

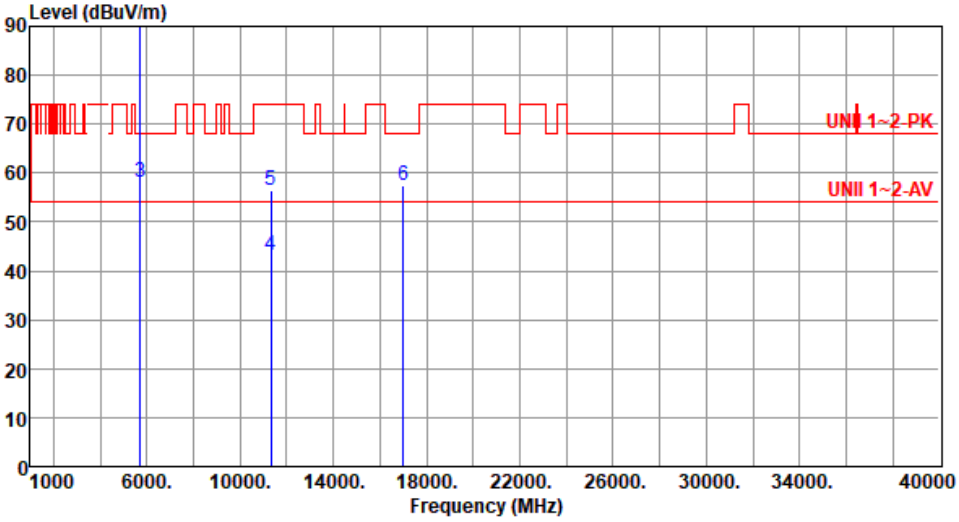


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.75	54.00	-10.25	43.47	0.28	Average	120	167
2		5460.00	56.62	74.00	-17.38	56.34	0.28	Peak	120	167
3		5470.00	55.77	68.20	-12.43	55.48	0.29	Peak	120	167
4	*	5590.00	100.74			100.32	0.42	Average	120	167
5	*	5590.00	114.43			114.01	0.42	Peak	120	167
6		5725.00	56.69	68.20	-11.51	56.06	0.63	Peak	120	167
7		11180.00	42.51	54.00	-11.49	34.21	8.30	Average	100	156
8		11180.00	56.61	74.00	-17.39	48.31	8.30	Peak	100	156
9		16770.00	57.83	68.20	-10.37	51.20	6.63	Peak	100	123

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5670
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

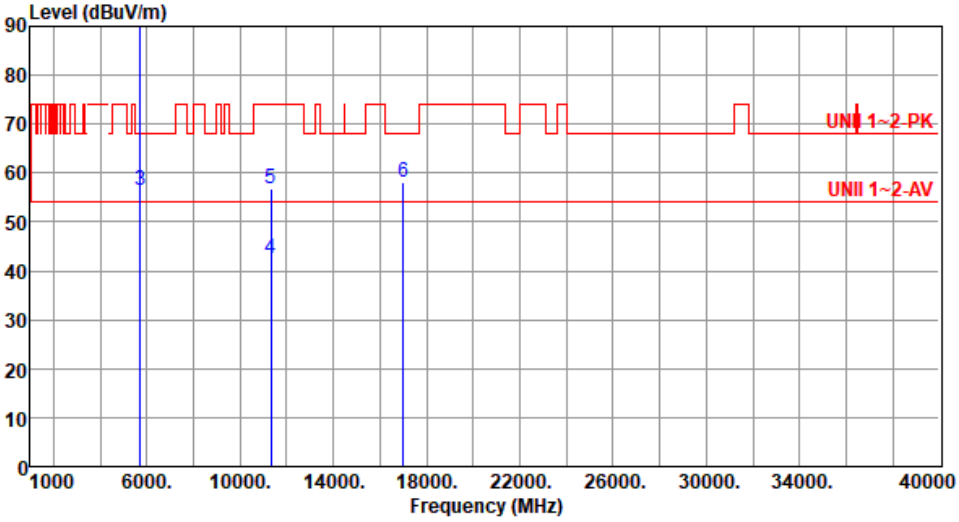


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5670.00	101.32			100.90	0.42	Average	103	359
2	*	5670.00	114.14			113.72	0.42	Peak	103	359
3		5725.00	58.01	68.20	-10.19	57.38	0.63	Peak	103	359
4		11340.00	43.06	54.00	-10.94	34.88	8.18	Average	100	19
5		11340.00	56.58	74.00	-17.42	48.40	8.18	Peak	100	19
6		17010.00	57.42	68.20	-10.78	51.20	6.22	Peak	100	16

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5670
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

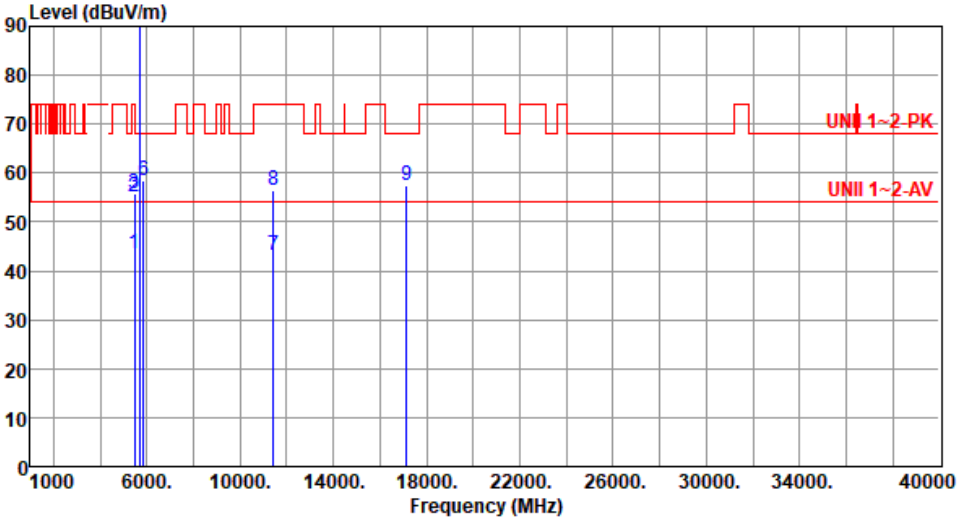


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5670.00	98.60			98.18	0.42	Average	100	260
2	*	5670.00	112.36			111.94	0.42	Peak	100	260
3		5725.00	56.51	68.20	-11.69	55.88	0.63	Peak	100	260
4		11340.00	42.64	54.00	-11.36	34.46	8.18	Average	100	162
5		11340.00	56.74	74.00	-17.26	48.56	8.18	Peak	100	162
6		17010.00	57.96	68.20	-10.24	51.74	6.22	Peak	100	114

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5710
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

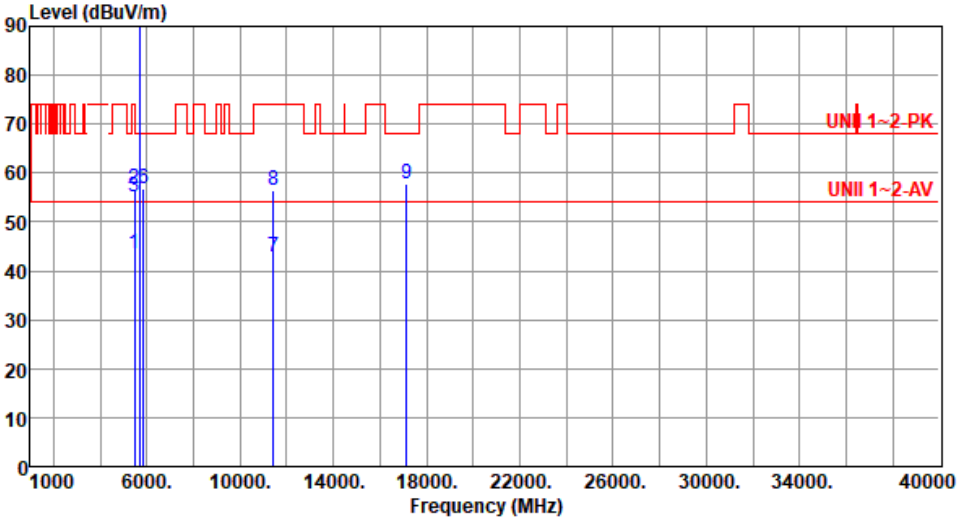


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.49	54.00	-10.51	43.21	0.28	Average	100	354
2		5460.00	55.24	74.00	-18.76	54.96	0.28	Peak	100	354
3		5470.00	55.72	68.20	-12.48	55.43	0.29	Peak	100	354
4	*	5710.00	101.15			100.56	0.59	Average	100	354
5	*	5710.00	114.89			114.30	0.59	Peak	100	354
6		5850.00	58.53	68.20	-9.67	57.69	0.84	Peak	100	354
7		11420.00	43.26	54.00	-10.74	35.07	8.19	Average	100	36
8		11420.00	56.61	74.00	-17.39	48.42	8.19	Peak	100	36
9		17130.00	57.48	68.20	-10.72	51.45	6.03	Peak	100	44

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	Test Freq. (MHz)	5710
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

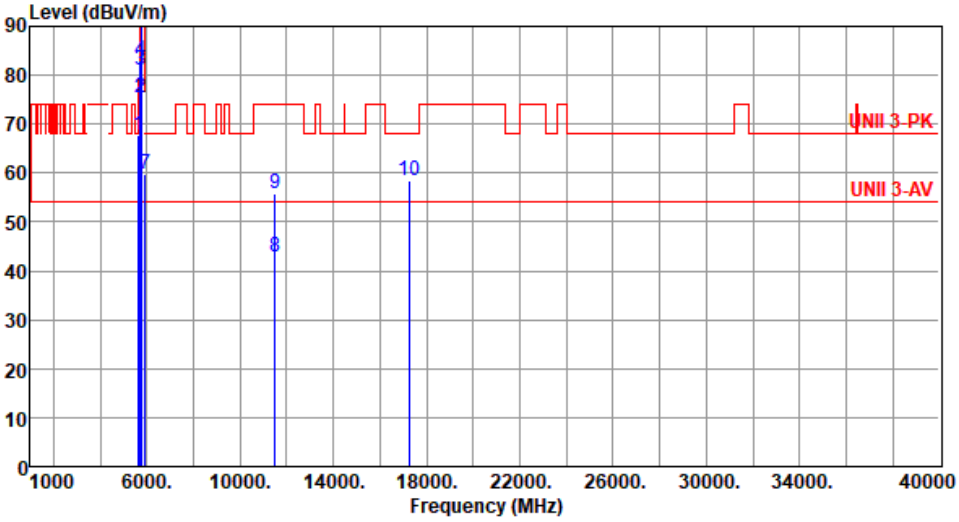


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.49	54.00	-10.51	43.21	0.28	Average	128	172
2		5460.00	56.63	74.00	-17.37	56.35	0.28	Peak	128	172
3		5470.00	55.16	68.20	-13.04	54.87	0.29	Peak	128	172
4	*	5710.00	98.55			97.96	0.59	Average	128	172
5	*	5710.00	112.32			111.73	0.59	Peak	128	172
6		5850.00	56.94	68.20	-11.26	56.10	0.84	Peak	128	172
7		11420.00	42.75	54.00	-11.25	34.56	8.19	Average	100	147
8		11420.00	56.48	74.00	-17.52	48.29	8.19	Peak	100	147
9		17130.00	57.95	68.20	-10.25	51.92	6.03	Peak	100	141

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	**Test Freq. (MHz)**	5755
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

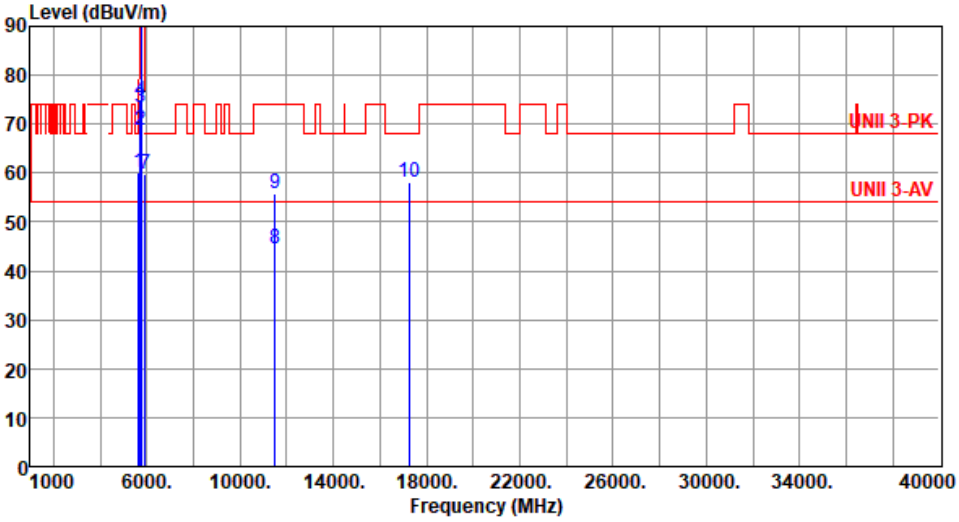


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	67.75	68.20	-0.45	67.41	0.34	Peak	100	353
2		5700.00	75.37	105.20	-29.83	74.81	0.56	Peak	100	353
3		5720.00	81.12	110.80	-29.68	80.51	0.61	Peak	100	353
4		5725.00	82.93	122.20	-39.27	82.30	0.63	Peak	100	353
5	*	5755.00	103.08			102.41	0.67	Average	100	353
6	*	5755.00	115.92			115.25	0.67	Peak	100	353
7		5925.00	59.76	68.20	-8.44	58.62	1.14	Peak	100	353
8		11510.00	42.75	54.00	-11.25	34.44	8.31	Average	151	157
9		11510.00	55.66	74.00	-18.34	47.35	8.31	Peak	151	157
10		17265.00	58.42	68.20	-9.78	52.62	5.80	Peak	100	28

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE40	**Test Freq. (MHz)**	5755
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

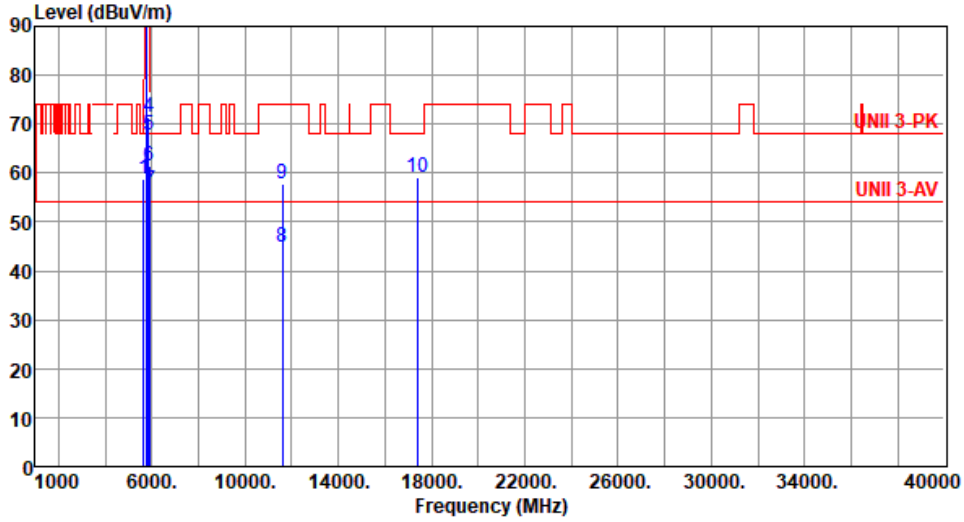


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	60.26	68.20	-7.94	59.92	0.34	Peak	104	178
2		5700.00	68.63	105.20	-36.57	68.07	0.56	Peak	104	178
3		5720.00	73.33	110.80	-37.47	72.72	0.61	Peak	104	178
4		5725.00	74.69	122.20	-47.51	74.06	0.63	Peak	104	178
5	*	5755.00	101.38			100.71	0.67	Average	104	178
6	*	5755.00	114.61			113.94	0.67	Peak	104	178
7		5925.00	59.79	68.20	-8.41	58.65	1.14	Peak	104	178
8		11510.00	44.34	54.00	-9.66	36.03	8.31	Average	100	169
9		11510.00	55.79	74.00	-18.21	47.48	8.31	Peak	100	169
10		17265.00	58.20	68.20	-10.00	52.40	5.80	Peak	100	25

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:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

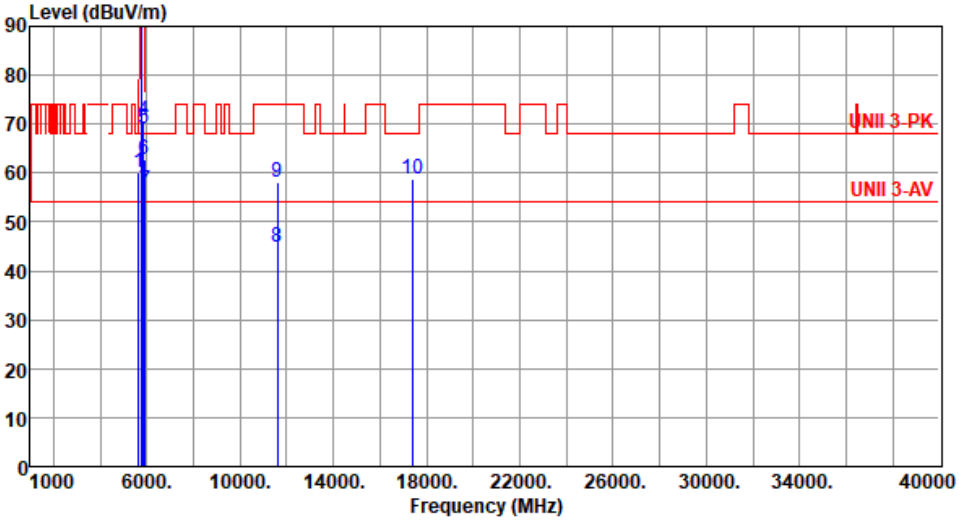


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	58.78	68.20	-9.42	58.44	0.34	Peak	100	351
2	*	5795.00	103.81			103.19	0.62	Average	100	351
3	*	5795.00	117.17			116.55	0.62	Peak	100	351
4		5850.00	71.33	122.20	-50.87	70.49	0.84	Peak	100	351
5		5855.00	67.68	110.80	-43.12	66.82	0.86	Peak	100	351
6		5875.00	61.41	105.20	-43.79	60.45	0.96	Peak	100	351
7		5925.00	56.46	68.20	-11.74	55.32	1.14	Peak	100	351
8		11590.00	44.97	54.00	-9.03	36.73	8.24	Average	100	65
9		11590.00	57.79	74.00	-16.21	49.55	8.24	Peak	100	65
10		17385.00	59.11	68.20	-9.09	52.71	6.40	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).
Note 3:"*" is Peak / Average value of fundamental frequency

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64



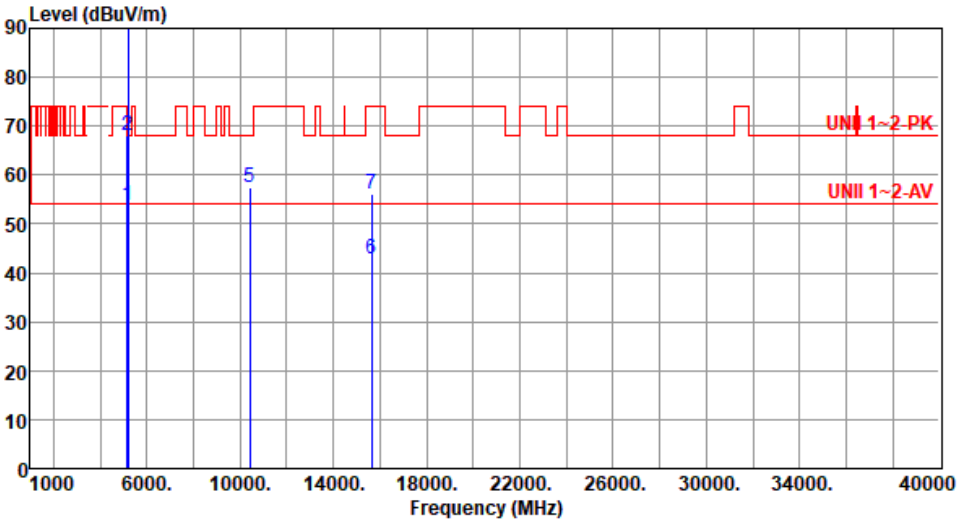
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	60.15	68.20	-8.05	59.81	0.34	Peak	123	177
2	*	5795.00	102.55			101.93	0.62	Average	123	177
3	*	5795.00	115.69			115.07	0.62	Peak	123	177
4		5850.00	70.66	122.20	-51.54	69.82	0.84	Peak	123	177
5		5855.00	68.95	110.80	-41.85	68.09	0.86	Peak	123	177
6		5875.00	62.85	105.20	-42.35	61.89	0.96	Peak	123	177
7		5925.00	56.54	68.20	-11.66	55.40	1.14	Peak	123	177
8		11590.00	44.78	54.00	-9.22	36.54	8.24	Average	100	356
9		11590.00	57.99	74.00	-16.01	49.75	8.24	Peak	100	356
10		17385.00	58.83	68.20	-9.37	52.43	6.40	Peak	100	158

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:"*" is Peak / Average value of fundamental frequency

Unwanted Emissions (Above 1GHz) for ax HE80

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

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

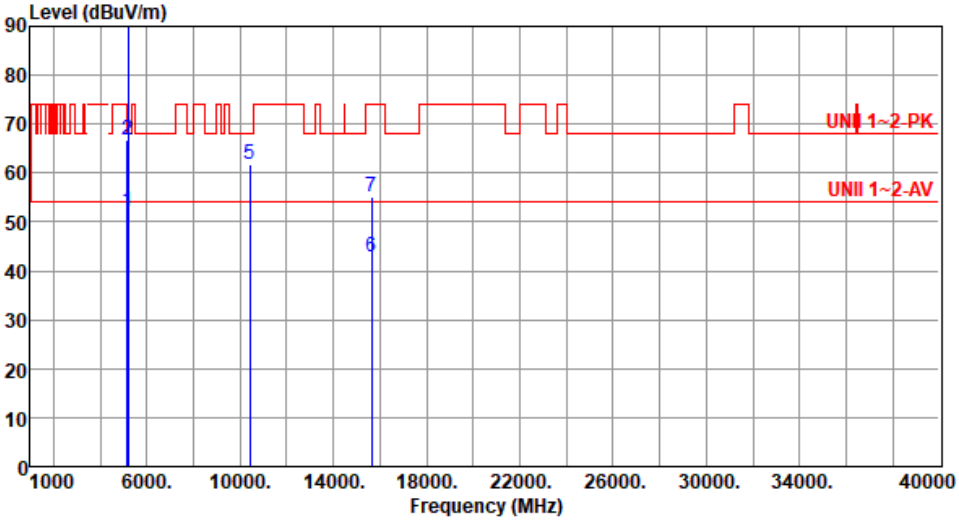


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.83	54.00	-0.17	53.41	0.42	Average	122	5
2		5150.00	68.09	74.00	-5.91	67.67	0.42	Peak	122	5
3	*	5210.00	97.95			97.81	0.14	Average	129	6
4	*	5210.00	110.43			110.29	0.14	Peak	129	6
5		10420.00	57.58	68.20	-10.62	49.41	8.17	Peak	100	242
6		15630.00	42.96	54.00	-11.04	37.79	5.17	Average	100	47
7		15630.00	56.25	74.00	-17.75	51.08	5.17	Peak	100	47

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	Test Freq. (MHz)	5210
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

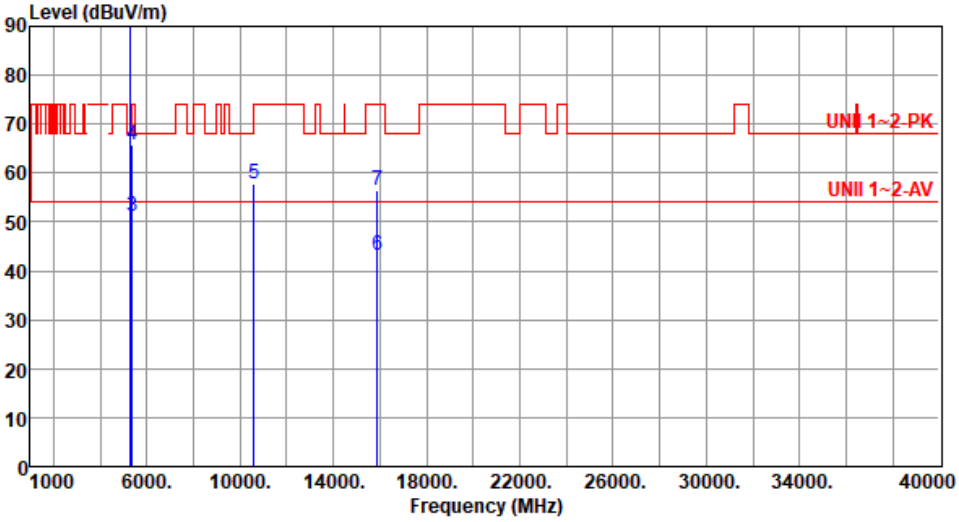


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	52.27	54.00	-1.73	51.85	0.42	Average	134	275
2		5150.00	66.68	74.00	-7.32	66.26	0.42	Peak	134	275
3	*	5210.00	97.64			97.50	0.14	Average	134	275
4	*	5210.00	110.97			110.83	0.14	Peak	134	275
5		10420.00	61.64	68.20	-6.56	53.47	8.17	Peak	139	186
6		15630.00	42.91	54.00	-11.09	37.74	5.17	Average	100	148
7		15630.00	55.29	74.00	-18.71	50.12	5.17	Peak	100	148

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5290
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

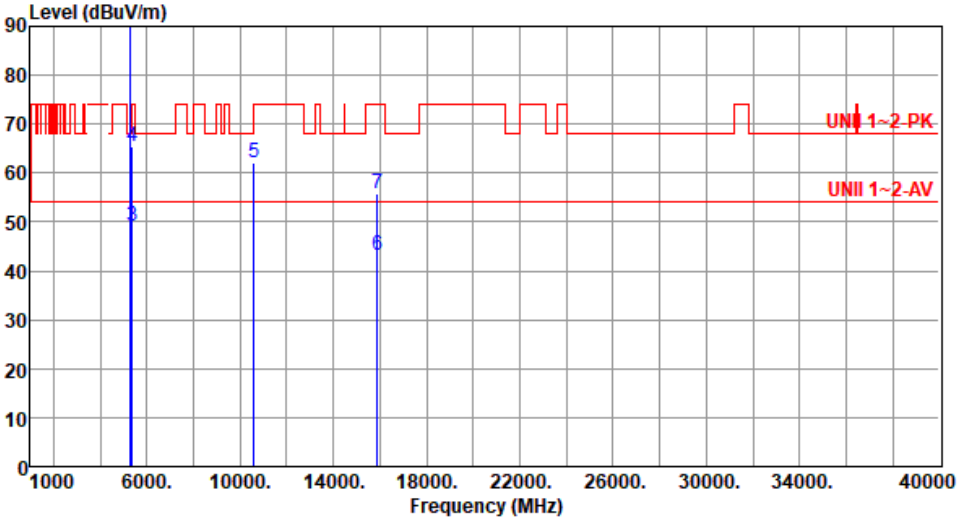


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5290.00	98.90			99.15	-0.25	Average	118	9
2	*	5290.00	112.60			112.85	-0.25	Peak	118	9
3		5350.00	51.21	54.00	-2.79	51.47	-0.26	Average	118	9
4		5350.00	65.72	74.00	-8.28	65.98	-0.26	Peak	118	9
5		10580.00	57.64	68.20	-10.56	49.34	8.30	Peak	100	235
6		15870.00	43.29	54.00	-10.71	38.28	5.01	Average	100	41
7		15870.00	56.44	74.00	-17.56	51.43	5.01	Peak	100	41

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5290
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

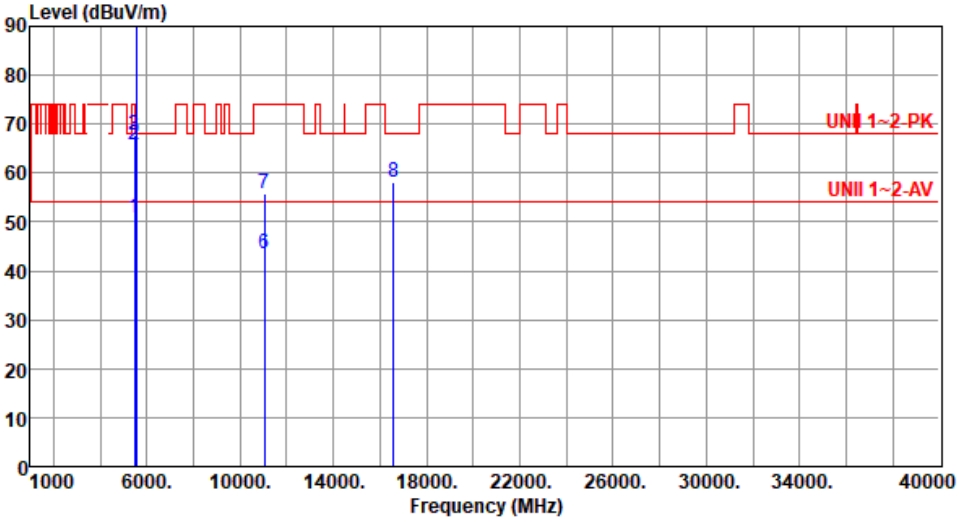


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5290.00	98.87			99.12	-0.25	Average	134	274
2	*	5290.00	112.00			112.25	-0.25	Peak	134	274
3		5350.00	49.20	54.00	-4.80	49.46	-0.26	Average	134	274
4		5350.00	65.47	74.00	-8.53	65.73	-0.26	Peak	134	274
5		10580.00	62.15	68.20	-6.05	53.85	8.30	Peak	128	165
6		15870.00	43.21	54.00	-10.79	38.20	5.01	Average	100	148
7		15870.00	55.69	74.00	-18.31	50.68	5.01	Peak	100	148

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5530
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

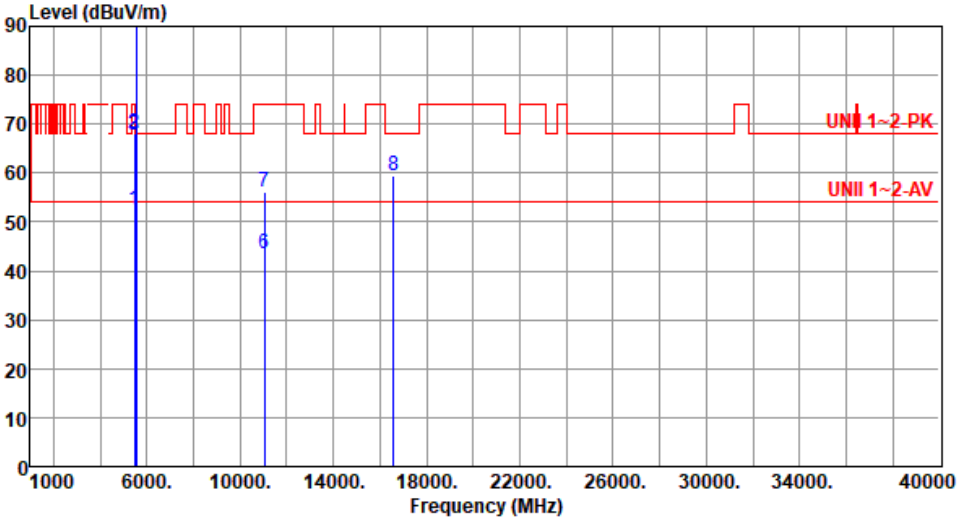


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	50.97	54.00	-3.03	50.69	0.28	Average	115	3
2		5460.00	65.85	74.00	-8.15	65.57	0.28	Peak	115	3
3		5470.00	67.79	68.20	-0.41	67.50	0.29	Peak	115	3
4	*	5530.00	100.25			99.81	0.44	Average	115	3
5	*	5530.00	113.36			112.92	0.44	Peak	115	3
6		11060.00	43.65	54.00	-10.35	34.90	8.75	Average	100	125
7		11060.00	55.92	74.00	-18.08	47.17	8.75	Peak	100	125
8		16590.00	57.96	68.20	-10.24	51.84	6.12	Peak	100	35

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5530
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

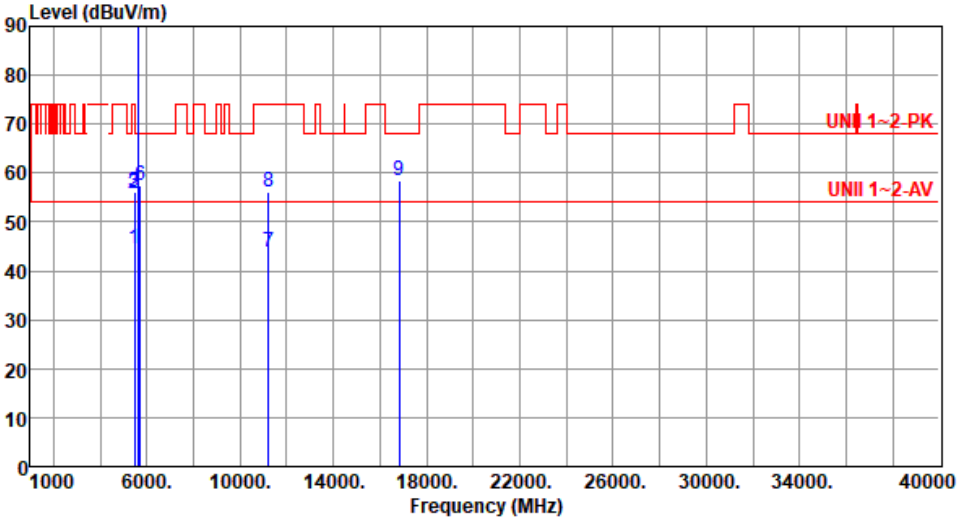


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	52.48	54.00	-1.52	52.20	0.28	Average	100	272
2		5460.00	68.18	74.00	-5.82	67.90	0.28	Peak	100	272
3		5470.00	67.59	68.20	-0.61	67.30	0.29	Peak	100	272
4	*	5530.00	98.07			97.63	0.44	Average	100	272
5	*	5530.00	111.88			111.44	0.44	Peak	100	272
6		11060.00	43.41	54.00	-10.59	34.66	8.75	Average	100	141
7		11060.00	56.24	74.00	-17.76	47.49	8.75	Peak	100	141
8		16590.00	59.45	68.20	-8.75	53.33	6.12	Peak	100	148

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	Test Freq. (MHz)	5610
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

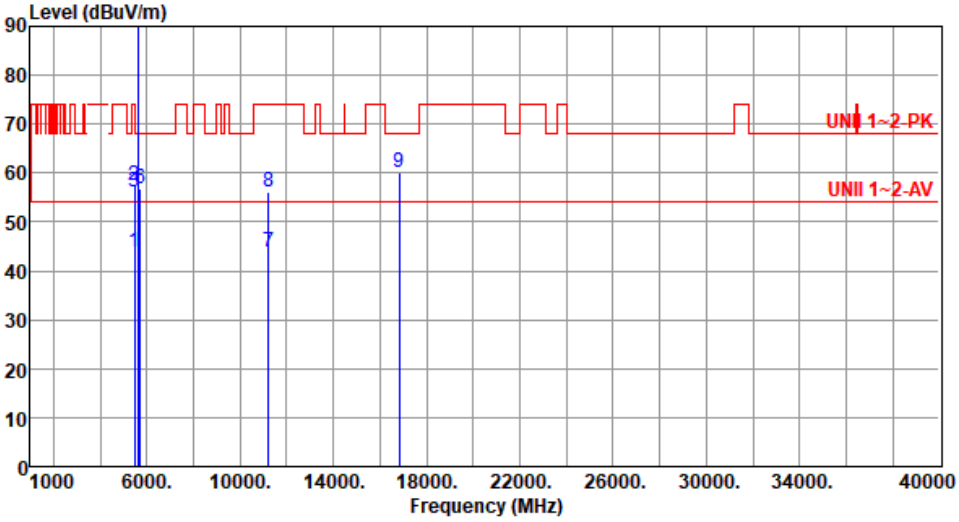


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	44.45	54.00	-9.55	44.17	0.28	Average	100	3
2		5460.00	55.89	74.00	-18.11	55.61	0.28	Peak	100	3
3		5470.00	56.22	68.20	-11.98	55.93	0.29	Peak	100	3
4	*	5610.00	99.01			98.61	0.40	Average	100	3
5	*	5610.00	112.18			111.78	0.40	Peak	100	3
6		5725.00	57.44	68.20	-10.76	56.81	0.63	Peak	100	3
7		11220.00	43.91	54.00	-10.09	35.68	8.23	Average	100	129
8		11220.00	56.22	74.00	-17.78	47.99	8.23	Peak	100	129
9		16830.00	58.31	68.20	-9.89	51.68	6.63	Peak	100	66

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5610
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

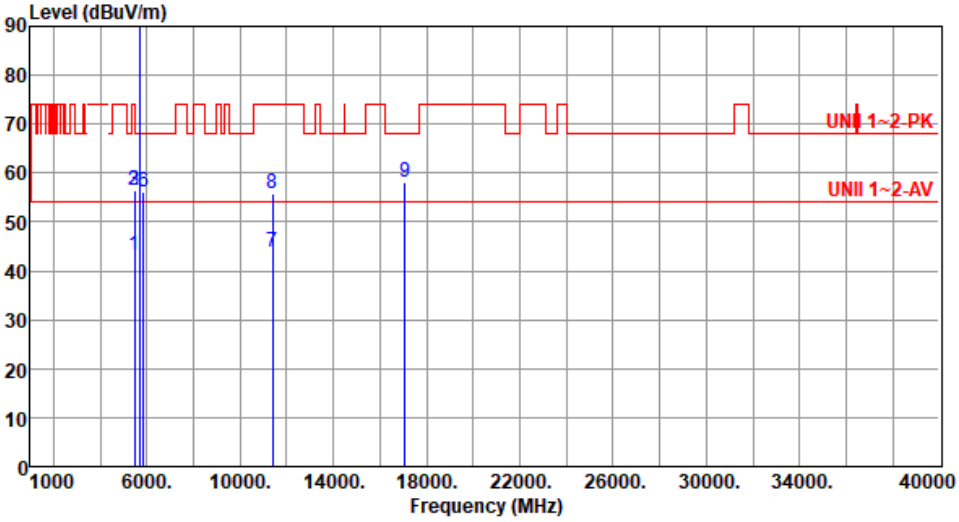


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.88	54.00	-10.12	43.60	0.28	Average	100	272
2		5460.00	57.49	74.00	-16.51	57.21	0.28	Peak	100	272
3		5470.00	56.28	68.20	-11.92	55.99	0.29	Peak	100	272
4	*	5610.00	97.11			96.71	0.40	Average	100	272
5	*	5610.00	111.33			110.93	0.40	Peak	100	272
6		5725.00	56.94	68.20	-11.26	56.31	0.63	Peak	100	272
7		11220.00	43.84	54.00	-10.16	35.61	8.23	Average	100	135
8		11220.00	56.25	74.00	-17.75	48.02	8.23	Peak	100	135
9		16830.00	60.12	68.20	-8.08	53.49	6.63	Peak	100	61

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5690
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

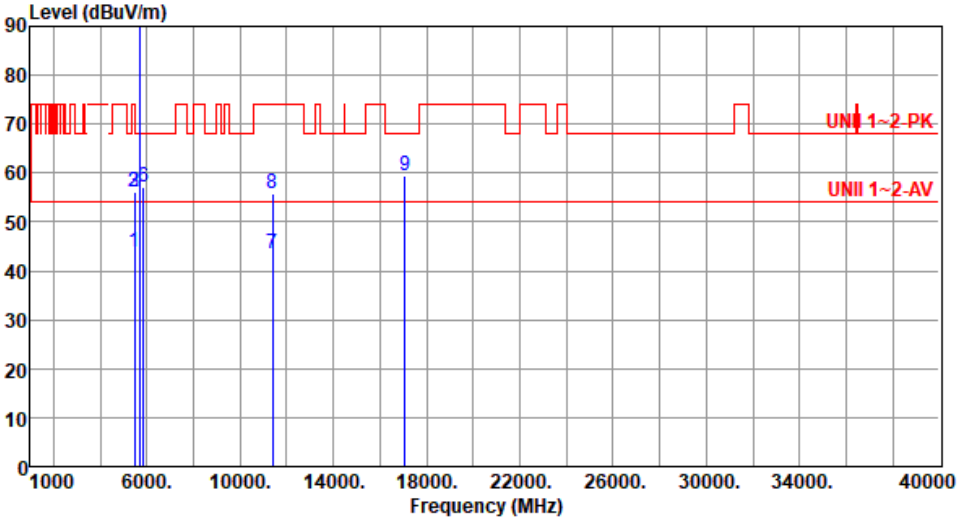


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.33	54.00	-10.67	43.05	0.28	Average	100	345
2		5460.00	56.51	74.00	-17.49	56.23	0.28	Peak	100	345
3		5470.00	56.57	68.20	-11.63	56.28	0.29	Peak	100	345
4	*	5690.00	98.75			98.24	0.51	Average	100	345
5	*	5690.00	113.03			112.52	0.51	Peak	100	345
6		5850.00	56.17	68.20	-12.03	55.33	0.84	Peak	100	345
7		11380.00	43.69	54.00	-10.31	35.52	8.17	Average	100	114
8		11380.00	55.87	74.00	-18.13	47.70	8.17	Peak	100	114
9		17070.00	58.02	68.20	-10.18	51.87	6.15	Peak	100	54

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5690
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

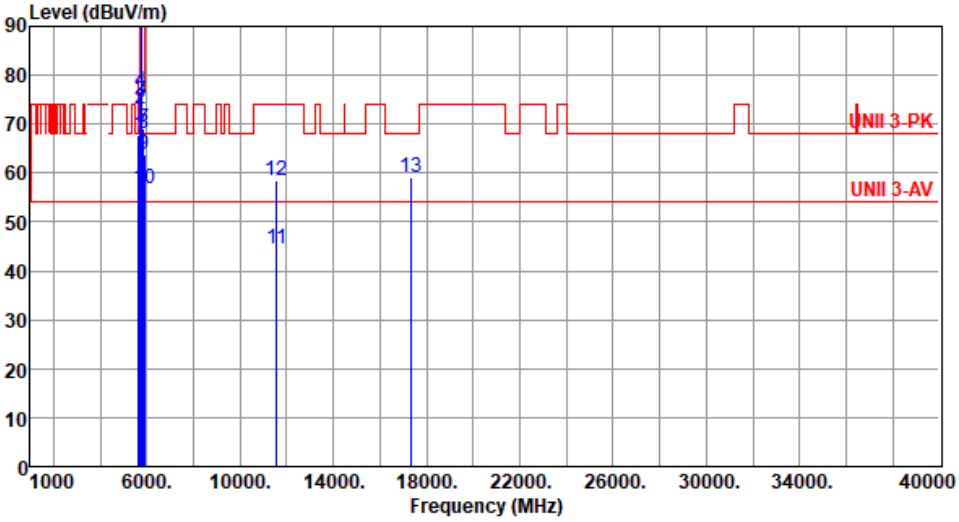


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.87	54.00	-10.13	43.59	0.28	Average	129	172
2		5460.00	56.28	74.00	-17.72	56.00	0.28	Peak	129	172
3		5470.00	56.22	68.20	-11.98	55.93	0.29	Peak	129	172
4	*	5690.00	99.60			99.09	0.51	Average	129	172
5	*	5690.00	112.61			112.10	0.51	Peak	129	172
6		5850.00	57.28	68.20	-10.92	56.44	0.84	Peak	129	172
7		11380.00	43.65	54.00	-10.35	35.48	8.17	Average	100	148
8		11380.00	55.92	74.00	-18.08	47.75	8.17	Peak	100	148
9		17070.00	59.56	68.20	-8.64	53.41	6.15	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).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5775
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

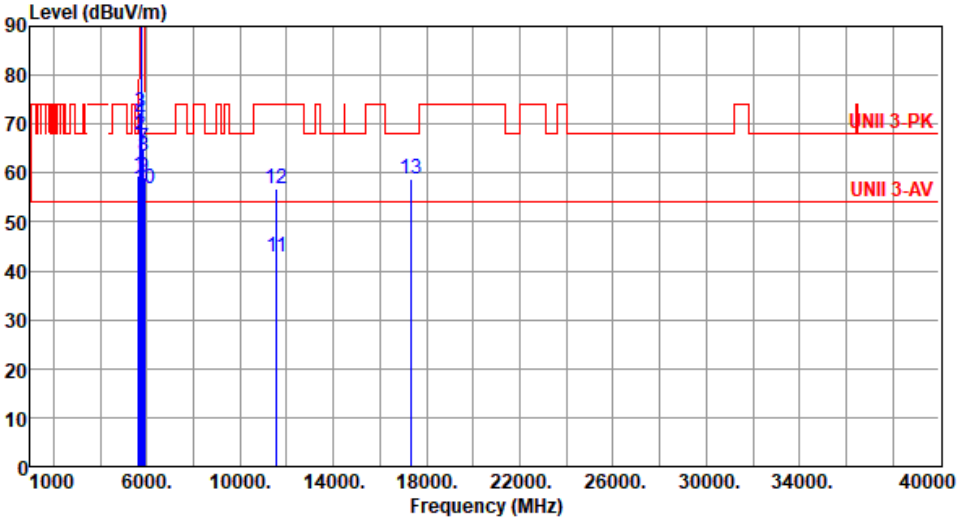


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	67.76	68.20	-0.44	67.42	0.34	Peak	100	350
2		5700.00	73.15	105.20	-32.05	72.59	0.56	Peak	100	350
3		5720.00	74.76	110.80	-36.04	74.15	0.61	Peak	100	350
4		5725.00	76.55	122.20	-45.65	75.92	0.63	Peak	100	350
5	*	5775.00	99.53			98.88	0.65	Average	100	350
6	*	5775.00	112.96			112.31	0.65	Peak	100	350
7		5850.00	68.99	122.20	-53.21	68.15	0.84	Peak	100	350
8		5855.00	68.04	110.80	-42.76	67.18	0.86	Peak	100	350
9		5875.00	63.60	105.20	-41.60	62.64	0.96	Peak	100	350
10		5925.00	56.73	68.20	-11.47	55.59	1.14	Peak	100	350
11		11550.00	44.56	54.00	-9.44	36.28	8.28	Average	100	127
12		11550.00	58.39	74.00	-15.61	50.11	8.28	Peak	100	127
13		17325.00	59.00	68.20	-9.20	53.03	5.97	Peak	100	155

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE80	**Test Freq. (MHz)**	5775
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):64

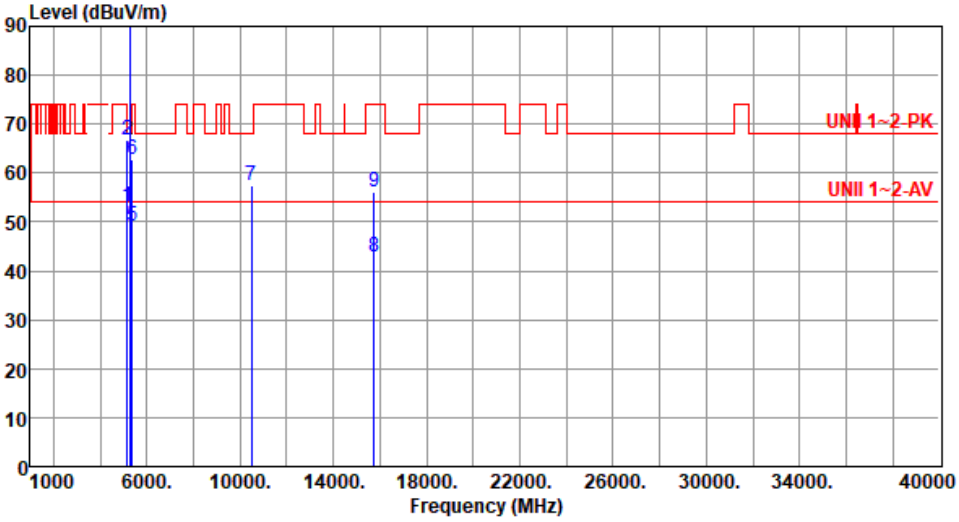


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5650.00	59.35	68.20	-8.85	59.01	0.34	Peak	100	175
2		5700.00	67.62	105.20	-37.58	67.06	0.56	Peak	100	175
3		5720.00	72.33	110.80	-38.47	71.72	0.61	Peak	100	175
4		5725.00	70.64	122.20	-51.56	70.01	0.63	Peak	100	175
5	*	5775.00	97.45			96.80	0.65	Average	100	175
6	*	5775.00	110.88			110.23	0.65	Peak	100	175
7		5850.00	65.20	122.20	-57.00	64.36	0.84	Peak	100	175
8		5855.00	63.52	110.80	-47.28	62.66	0.86	Peak	100	175
9		5875.00	59.21	105.20	-45.99	58.25	0.96	Peak	100	175
10		5925.00	56.71	68.20	-11.49	55.57	1.14	Peak	100	175
11		11550.00	42.73	54.00	-11.27	34.45	8.28	Average	100	128
12		11550.00	56.87	74.00	-17.13	48.59	8.28	Peak	100	128
13		17325.00	58.85	68.20	-9.35	52.88	5.97	Peak	100	45

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE160-OFDMA	**Test Freq. (MHz)**	5250
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):23 Humidity(%):64

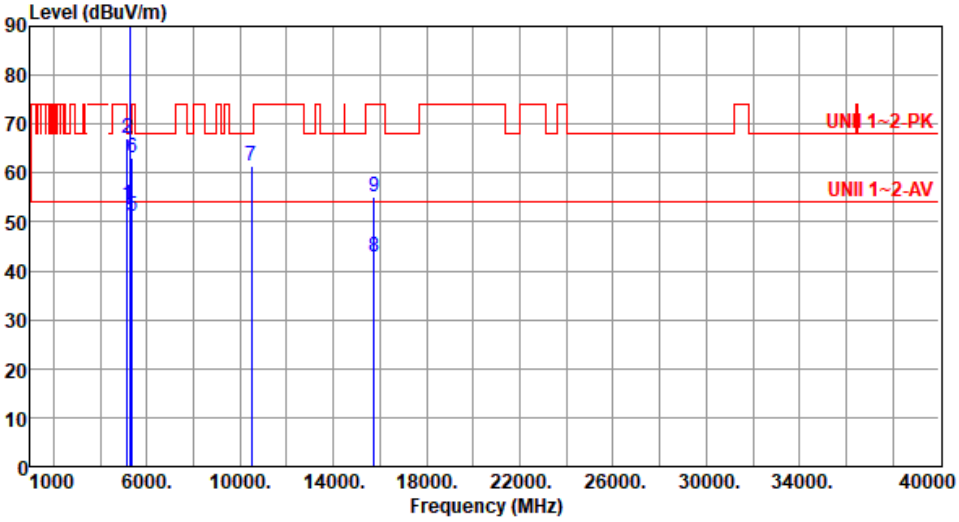


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.26	54.00	-0.74	52.84	0.42	Average	128	8
2		5150.00	66.65	74.00	-7.35	66.23	0.42	Peak	128	8
3	*	5250.00	94.07			94.25	-0.18	Average	128	8
4	*	5250.00	107.11			107.29	-0.18	Peak	128	8
5		5350.00	49.02	54.00	-4.98	49.28	-0.26	Average	128	8
6		5350.00	62.76	74.00	-11.24	63.02	-0.26	Peak	128	8
7		10500.00	57.42	68.20	-10.78	49.12	8.30	Peak	100	249
8		15750.00	42.92	54.00	-11.08	37.73	5.19	Average	100	55
9		15750.00	56.12	74.00	-17.88	50.93	5.19	Peak	100	55

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE160-OFDMA	**Test Freq. (MHz)**	5250
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):23 Humidity(%):64

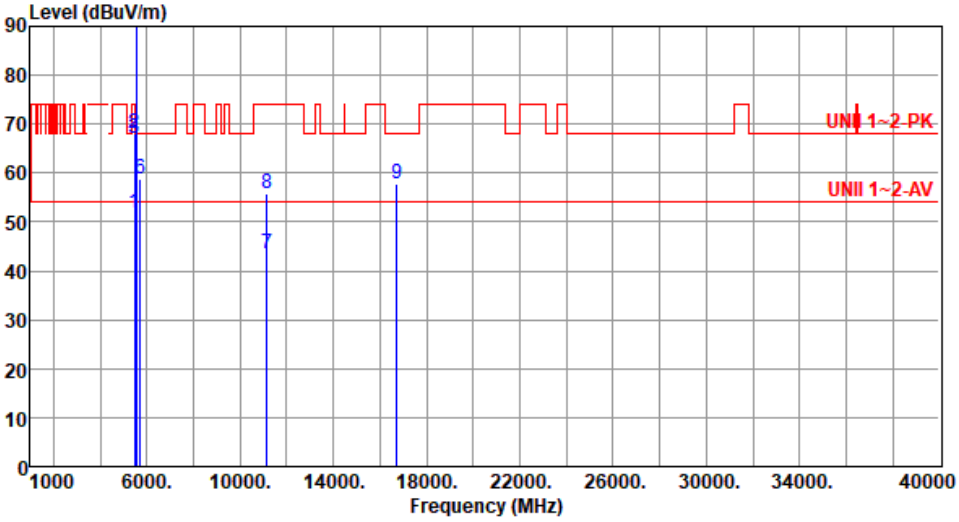


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.61	54.00	-0.39	53.19	0.42	Average	152	278
2		5150.00	66.92	74.00	-7.08	66.50	0.42	Peak	152	278
3	*	5250.00	94.31			94.49	-0.18	Average	152	278
4	*	5250.00	107.36			107.54	-0.18	Peak	152	278
5		5350.00	51.30	54.00	-2.70	51.56	-0.26	Average	152	278
6		5350.00	63.05	74.00	-10.95	63.31	-0.26	Peak	152	278
7		10500.00	61.45	68.20	-6.75	53.15	8.30	Peak	140	182
8		15750.00	42.85	54.00	-11.15	37.66	5.19	Average	100	152
9		15750.00	55.17	74.00	-18.83	49.98	5.19	Peak	100	152

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:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE160-OFDMA	**Test Freq. (MHz)**	5570
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):23 Humidity(%):64

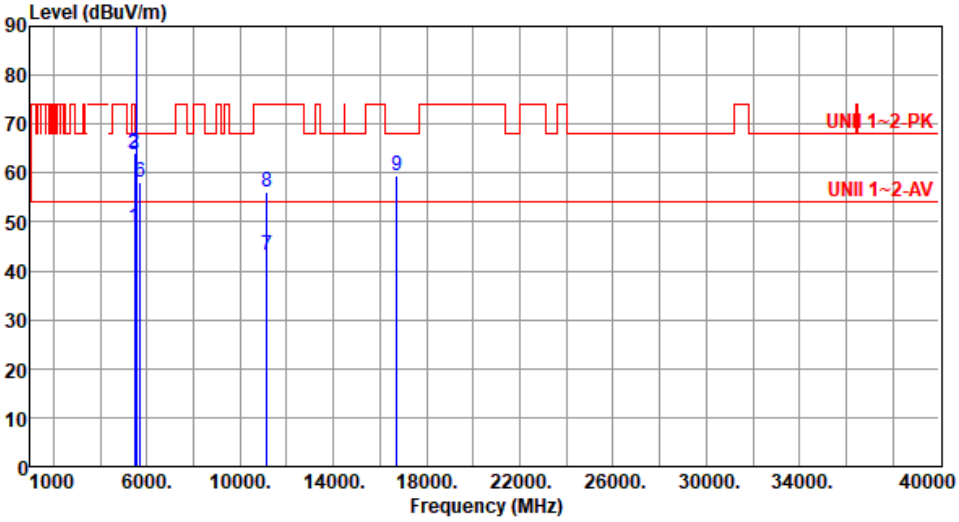


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	51.94	54.00	-2.06	51.66	0.28	Average	118	7
2		5460.00	67.96	74.00	-6.04	67.68	0.28	Peak	118	7
3		5470.00	66.94	68.20	-1.26	66.65	0.29	Peak	118	7
4	*	5570.00	97.21			96.76	0.45	Average	118	7
5	*	5570.00	111.53			111.08	0.45	Peak	118	7
6		5725.00	58.91	68.20	-9.29	58.28	0.63	Peak	118	7
7		11140.00	43.50	54.00	-10.50	35.06	8.44	Average	100	122
8		11140.00	55.79	74.00	-18.21	47.35	8.44	Peak	100	122
9		16710.00	57.88	68.20	-10.32	51.46	6.42	Peak	100	57

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	ax HE160-OFDMA	**Test Freq. (MHz)**	5570
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):23 Humidity(%):64



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	48.71	54.00	-5.29	48.43	0.28	Average	100	168
2		5460.00	64.21	74.00	-9.79	63.93	0.28	Peak	100	168
3		5470.00	63.71	68.20	-4.49	63.42	0.29	Peak	100	168
4	*	5570.00	96.60			96.15	0.45	Average	100	168
5	*	5570.00	110.08			109.63	0.45	Peak	100	168
6		5725.00	58.25	68.20	-9.95	57.62	0.63	Peak	100	168
7		11140.00	43.27	54.00	-10.73	34.83	8.44	Average	100	158
8		11140.00	56.03	74.00	-17.97	47.59	8.44	Peak	100	158
9		16710.00	59.34	68.20	-8.86	52.92	6.42	Peak	100	142

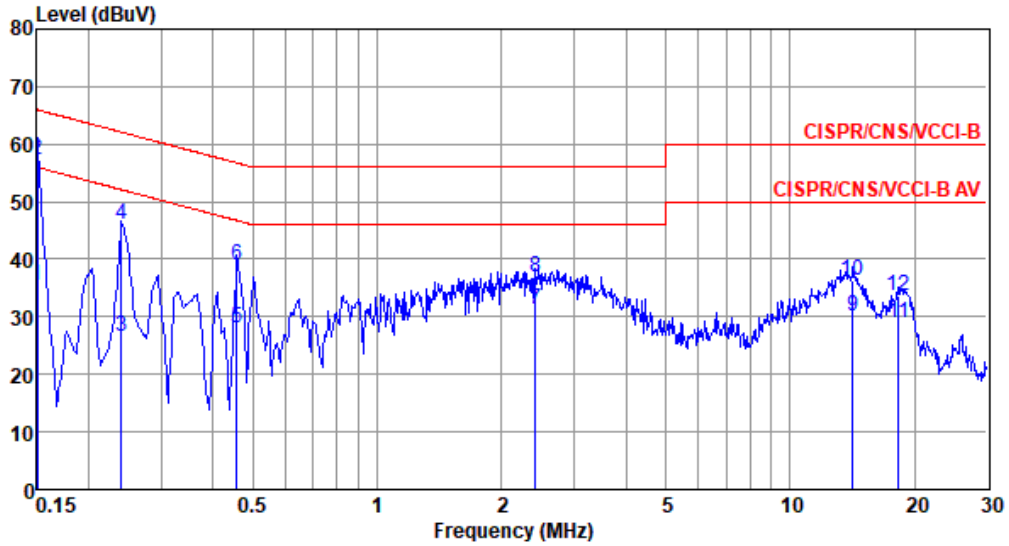
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Frequency: 5300 MHz	Frequency Drift (ppm)			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	4.17	3.40	4.31	4.21
T20°CVmin	4.10	4.42	3.89	3.95
T50°CVnom	8.67	8.43	8.50	8.63
T40°CVnom	5.91	5.40	5.70	6.06
T30°CVnom	4.97	5.52	4.50	5.10
T20°CVnom	1.98	2.34	2.57	2.00
T10°CVnom	-0.10	0.31	0.01	0.19
T0°CVnom	-9.25	-9.02	-9.02	-8.74
T-10°CVnom	-8.69	-9.21	-8.54	-8.99
T-20°CVnom	9.82	9.22	9.56	9.22
T-30°CVnom	13.87	13.37	13.81	13.94
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	3.54	4.37	3.98	4.08
T20°CVmin	4.34	4.56	4.38	4.55
T50CVnom	8.63	7.51	7.82	8.03
T40°CVnom	5.22	5.66	5.10	5.43
T30°CVnom	5.04	4.31	5.12	5.12
T20°CVnom	2.63	2.90	1.99	2.18
T10°CVnom	-0.39	0.36	-0.24	-0.06
T0°CVnom	-8.77	-8.08	-8.35	-8.56
T-10°CVnom	-7.89	-7.63	-7.63	-7.81
T-20°CVnom	9.43	8.97	9.38	9.12
T-30°CVnom	12.59	13.02	12.23	13.32
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 50		Tmin [°C]: -30	

Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
Power Phase	Line		

Test by : Joe Liao Temperature: 21°C Humidity: 62%

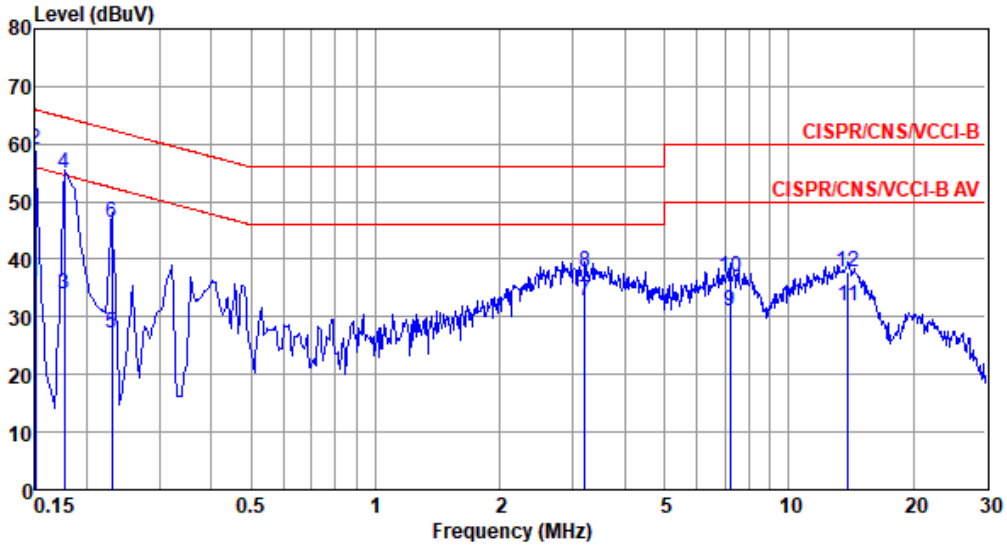


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	35.49	55.99	-20.50	25.53	9.68	0.08	0.20	Average
2*	0.150	57.36	65.99	-8.63	47.40	9.68	0.08	0.20	QP
3	0.240	26.67	52.08	-25.41	16.65	9.68	0.08	0.26	Average
4	0.240	45.93	62.08	-16.15	35.91	9.68	0.08	0.26	QP
5	0.456	28.10	46.76	-18.66	17.98	9.67	0.09	0.36	Average
6	0.456	38.90	56.76	-17.86	28.78	9.67	0.09	0.36	QP
7	2.422	31.22	46.00	-14.78	20.93	9.69	0.20	0.40	Average
8	2.422	36.87	56.00	-19.13	26.58	9.69	0.20	0.40	QP
9	14.213	30.16	50.00	-19.84	19.38	9.73	0.54	0.51	Average
10	14.213	36.42	60.00	-23.58	25.64	9.73	0.54	0.51	QP
11	18.328	28.91	50.00	-21.09	17.94	9.73	0.63	0.61	Average
12	18.328	33.76	60.00	-26.24	22.79	9.73	0.63	0.61	QP

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

Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
Power Phase	Neutral		

Test by : Joe Liao Temperature: 21°C Humidity: 62%

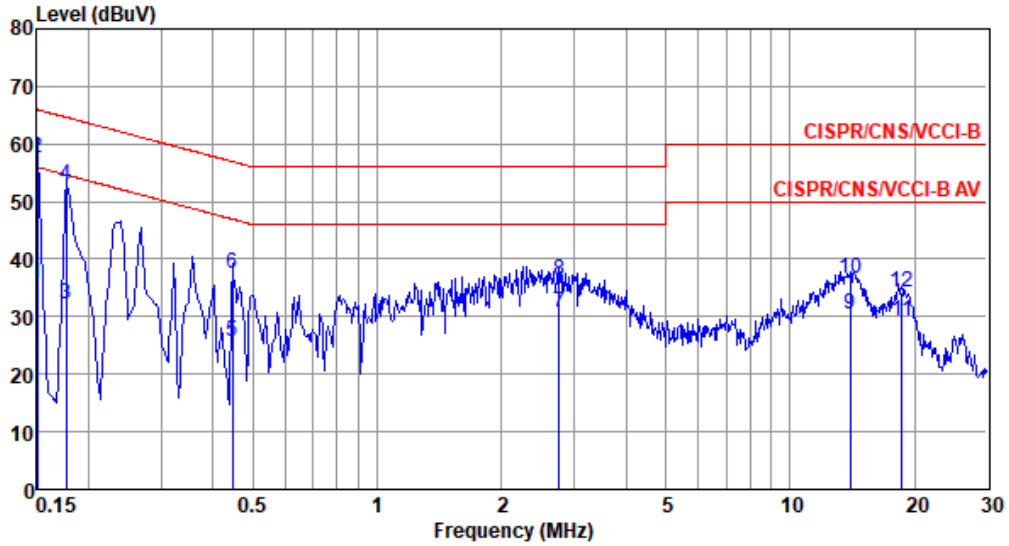


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	36.06	55.99	-19.93	26.21	9.61	0.08	0.16	Average
2*	0.150	59.10	65.99	-6.89	49.25	9.61	0.08	0.16	QP
3	0.177	33.88	54.64	-20.76	24.02	9.61	0.08	0.17	Average
4	0.177	54.98	64.64	-9.66	45.12	9.61	0.08	0.17	QP
5	0.230	27.06	52.44	-25.38	17.19	9.61	0.08	0.18	Average
6	0.230	46.41	62.44	-16.03	36.54	9.61	0.08	0.18	QP
7	3.207	32.63	46.00	-13.37	22.47	9.63	0.21	0.32	Average
8	3.207	37.85	56.00	-18.15	27.69	9.63	0.21	0.32	QP
9	7.213	30.99	50.00	-19.01	20.60	9.67	0.36	0.36	Average
10	7.213	37.00	60.00	-23.00	26.61	9.67	0.36	0.36	QP
11	13.915	31.98	50.00	-18.02	21.25	9.74	0.54	0.45	Average
12	13.915	37.90	60.00	-22.10	27.17	9.74	0.54	0.45	QP

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

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

Test by : Joe Liao Temperature: 21°C Humidity: 62%

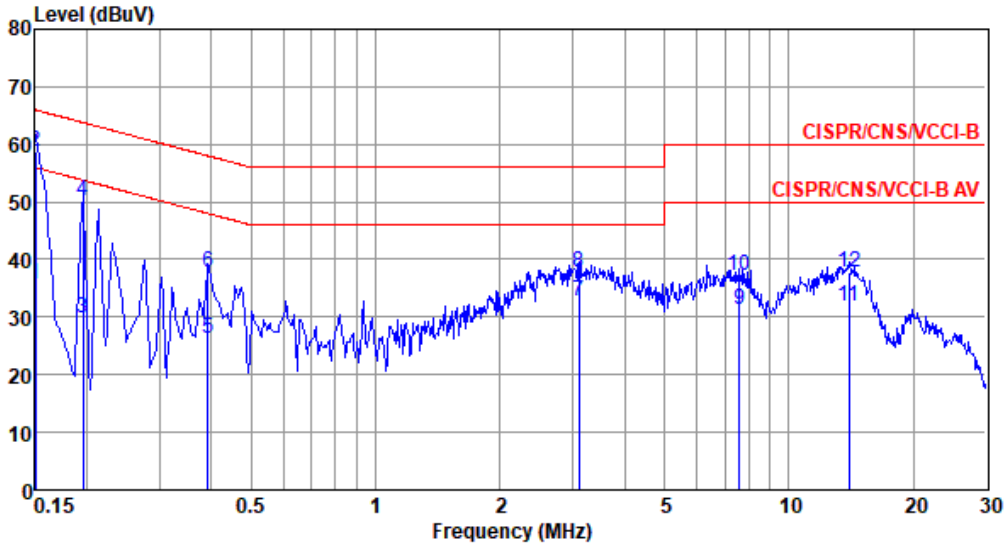


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	35.76	55.99	-20.23	25.80	9.68	0.08	0.20	Average
2*	0.150	57.56	65.99	-8.43	47.60	9.68	0.08	0.20	QP
3	0.177	32.12	54.64	-22.52	22.15	9.68	0.08	0.21	Average
4	0.177	52.96	64.64	-11.68	42.99	9.68	0.08	0.21	QP
5	0.447	25.67	46.93	-21.26	15.55	9.67	0.09	0.36	Average
6	0.447	37.43	56.93	-19.50	27.31	9.67	0.09	0.36	QP
7	2.765	30.76	46.00	-15.24	20.47	9.69	0.20	0.40	Average
8	2.765	36.18	56.00	-19.82	25.89	9.69	0.20	0.40	QP
9	13.989	30.44	50.00	-19.56	19.65	9.74	0.54	0.51	Average
10	13.989	36.65	60.00	-23.35	25.86	9.74	0.54	0.51	QP
11	18.622	29.23	50.00	-20.77	18.25	9.73	0.63	0.62	Average
12	18.622	34.22	60.00	-25.78	23.24	9.73	0.63	0.62	QP

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

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

Test by : Joe Liao Temperature: 21°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	35.65	55.99	-20.34	25.80	9.61	0.08	0.16	Average
2*	0.150	58.86	65.99	-7.13	49.01	9.61	0.08	0.16	QP
3	0.195	29.76	53.80	-24.04	19.89	9.61	0.08	0.18	Average
4	0.195	50.05	63.80	-13.75	40.18	9.61	0.08	0.18	QP
5	0.393	26.23	47.99	-21.76	16.35	9.61	0.08	0.19	Average
6	0.393	37.70	57.99	-20.29	27.82	9.61	0.08	0.19	QP
7	3.107	32.62	46.00	-13.38	22.46	9.63	0.21	0.32	Average
8	3.107	37.85	56.00	-18.15	27.69	9.63	0.21	0.32	QP
9	7.606	31.17	50.00	-18.83	20.76	9.67	0.38	0.36	Average
10	7.606	37.15	60.00	-22.85	26.74	9.67	0.38	0.36	QP
11	13.989	31.98	50.00	-18.02	21.25	9.74	0.54	0.45	Average
12	13.989	37.82	60.00	-22.18	27.09	9.74	0.54	0.45	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).