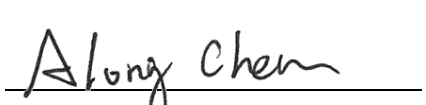
FCC Test Report

FCC ID	:	**I8803785**
Equipment	:	**802.11ax (WiFi 6) Dual-Radio Unified Pro Outdoor Access Point**
Model No.	:	**WAX655E**
Brand Name	:	**ZYXEL**
Applicant	:	**Zyxel Communications Corporation**
Address	:	**No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Sep. 27, 2022**
Tested Date	:	**Sep. 16 ~ Oct. 27, 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
FR292702AN	Rev. 01	Initial issue	Nov. 15, 2022

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.476MHz 43.35 (Margin -3.07dB) - AV	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 28725.00MHz 68.09 (Margin -0.11dB) - PK	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: 17.85 5250~5350MHz: 23.73 5470~5725MHz: 23.83 5725~5850MHz: 27.52 ***Beamforming mode*** 5150~5250MHz: 11.67 5250~5350MHz: 17.71 5470~5725MHz: 17.81 5725~5850MHz: 21.50	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 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-31
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-31
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	4	MCS 0-9
5150-5250 5250-5350 5500-5700	ac (VHT160)	5250 5570	50 [1] 114 [1]	4	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]	4	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-11

5150-5250 5250-5350 5470-5725 5725-5850	ax (HE80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	4	MCS 0-11
5150-5250 5250-5350 5500-5700	ax (HE160)	5250 5570	50 [1] 114 [1]	4	MCS 0-11
Note 1: BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation. Note 2: 802.11n/ac/ax supports beamforming function. Note 3: TPC function is supported.					

1.1.2 Antenna Details

Ant. Model	Type	Connector	Operating Frequencies (MHz) / Gain (dBi)				
			2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
RFA-25-T200-N1-C262	Dipole	N type	4	5.33	5.49	5.96	5.75

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	55Vdc from POE

Note: The above power supply is not bundled in market.

1.1.4 Accessories

N/A

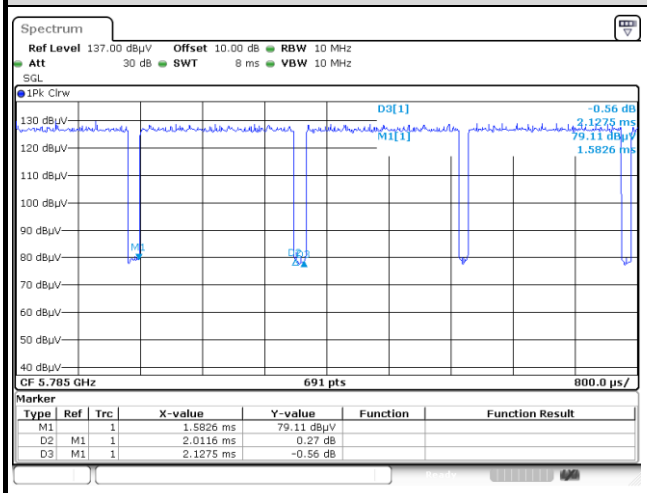
1.1.5 Channel List

802.11a / n HT20 / ac VHT20 / ax HE20		802.11n HT40 / ac VHT40 / ax HE40	
Channel	**Frequency(MHz)**	**Channel**	**Frequency(MHz)**
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	118	5590
64	5320	126	5630
100	5500	134	5670
104	5520	142	5710
108	5540	151	5755
112	5560	159	5795
116	5580	**802.11ac VHT80 / ax HE80**	
120	5600	42	5210
124	5620	58	5290
128	5640	106	5530
132	5660	122	5610
136	5680	138	5690
140	5700	155	5775
144	5720	**ac VHT160 / ax HE160**	
149	5745	50	5250
153	5765	114	5570
157	5785	---	---
161	5805	---	---
165	5825	---	---

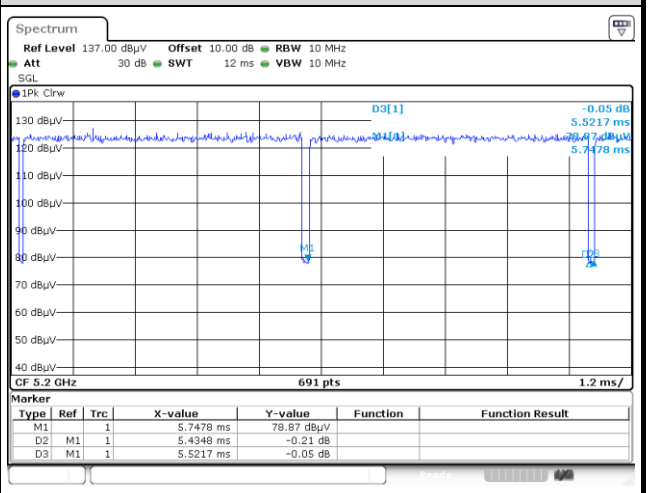
1.1.6 Test Tool and Duty Cycle

Test Tool	QSPR, V 5.0-00200		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11a	94.55%	0.24
	ax HE20	98.43%	0.07
	ax HE40	97.66%	0.10
	ax HE80	97.01%	0.13
	ax HE160	94.70%	0.24

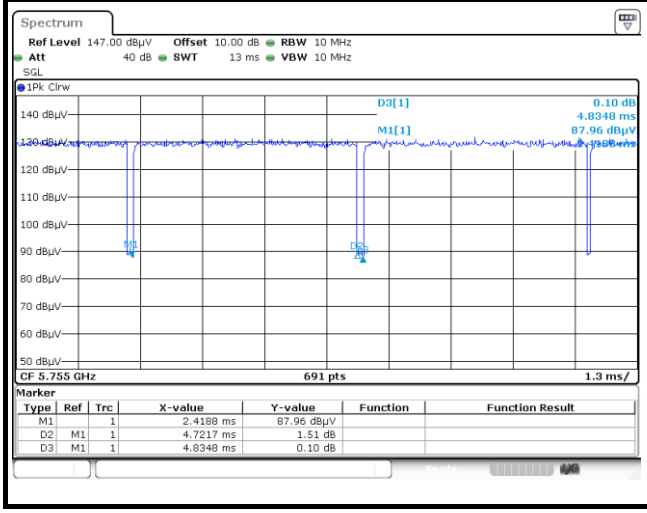
11a



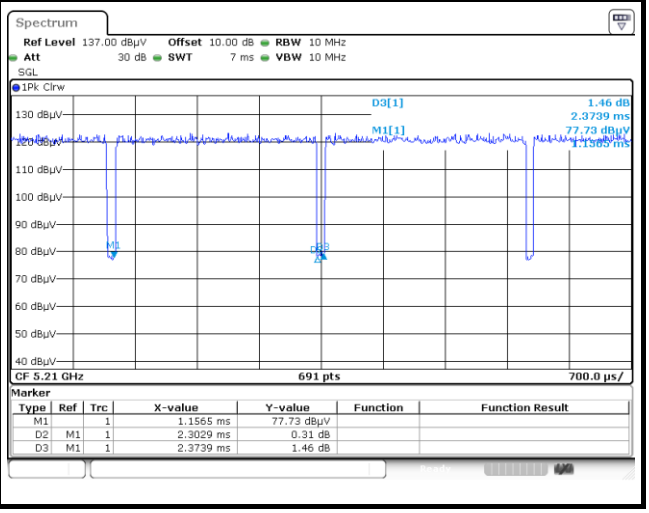
ax HE20

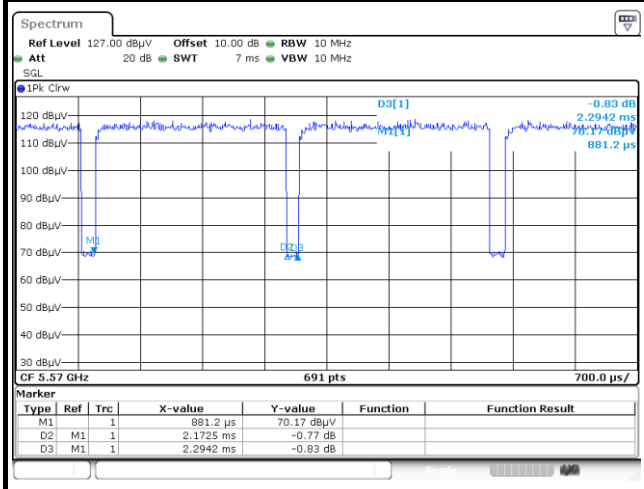


ax HE40



ax HE80



ax HE160	-
	-

Spectrum
Ref Level 127.00 dBµV Offset 10.00 dB RBW 10 MHz
Att 20 dB SWT 7 ms VBW 10 MHz
SGL
1Pk Clrw
D3[1] -0.83 dB
2.2942 ms
M1[1] 70.17 dBµV
881.2 µs
120 dBµV
110 dBµV
100 dBµV
90 dBµV
80 dBµV
70 dBµV
60 dBµV
50 dBµV
40 dBµV
30 dBµV
CF 5.57 GHz
691 pts
700.0 µs/
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 881.2 µs 70.17 dBµV
D2 M1 1 2.1725 ms -0.77 dB
D3 M1 1 2.2942 ms -0.83 dB

1.1.7 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	12
11a	5200	12
11a	5240	12
11a	5260	11.5
11a	5300	11.5
11a	5320	11.5
11a	5500	11.5
11a	5580	11.5
11a	5700	11.5
11a	5745	20
11a	5785	20.5
11a	5825	20
ax HE20	5180	11.5
ax HE20	5200	11.5
ax HE20	5240	11.5
ax HE20	5260	17
ax HE20	5300	17
ax HE20	5320	17
ax HE20	5500	17
ax HE20	5580	17.5
ax HE20	5700	16
ax HE20	5745	19.5
ax HE20	5785	20
ax HE20	5825	20

Modulation Mode	Test Frequency (MHz)	Power Index
ax HE40	5190	11.5
ax HE40	5230	11.5
ax HE40	5270	17
ax HE40	5310	14.5
ax HE40	5510	14
ax HE40	5590	17.5
ax HE40	5670	16.5
ax HE40	5755	21
ax HE40	5795	21.5
ax HE80	5210	11.5
ax HE80	5290	14
ax HE80	5530	14
ax HE80	5610	17.5
ax HE80	5775	18.5
ax HE160	5250	14
ax HE160	5570	14.5

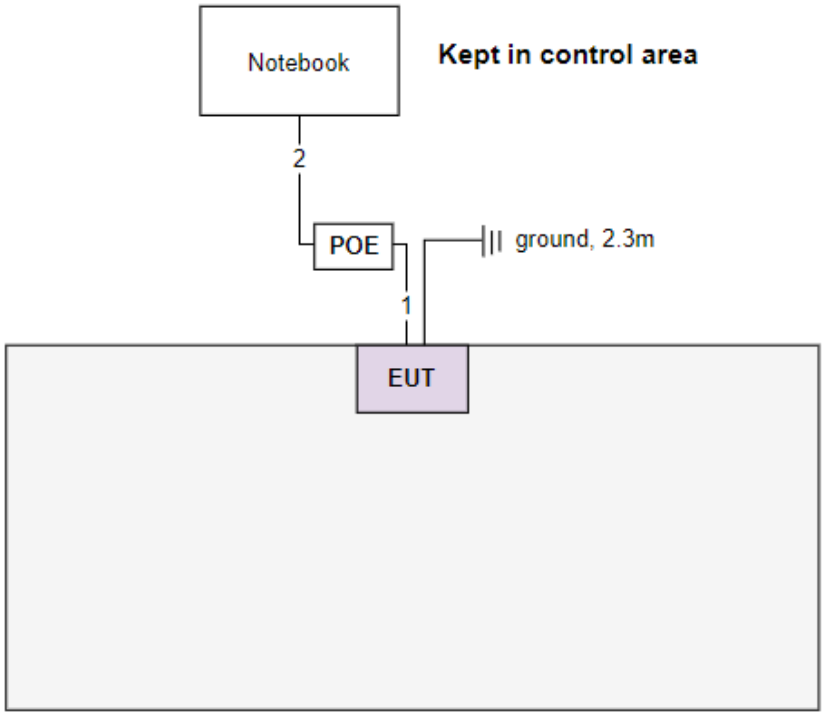
Modulation Mode	Test Frequency (MHz)	Power Index
11a	5720	11.5
ax HE20	5720	17
ax HE40	5710	17.5
ax HE80	5690	17.5

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Notebook	DELL	Latitude 5400	DoC	---
2	POE	ZYXEL	PoE12-30W	---	Provided by applicant.
3	RJ45 cable	ICC	RJ45-10m	---	---
4	RJ45 cable	ICC	RJ45-1m	---	---
5	Ground cable	ICC	GC-2.3m	---	---

1.3 Test Setup Chart

Test Setup Diagram



No.	Signal cable / Length (m)
1	RJ45, 1m shielded.
2	RJ45, 10m shielded.

1.4 The Equipment List

Test Item	Radiated Emission below 1GHz				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Oct. 27, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 15, 2022	Mar. 14, 2023
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 08, 2021	Nov. 07, 2022
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Aug. 03, 2022	Aug. 02, 2023
Preamplifier	EMC	EMC02325	980225	Jun. 28, 2022	Jun. 27, 2023
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 04, 2022	Oct. 03, 2023
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 04, 2022	Oct. 03, 2023
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 04, 2022	Oct. 03, 2023
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 04, 2022	Oct. 03, 2023
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission above 1GHz				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Sep. 16 ~ Sep. 20, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101498	Nov. 29, 2021	Nov. 28, 2022
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 03, 2021	Dec. 02, 2022
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 04, 2021	Nov. 03, 2022
Preamplifier	EMC	EMC118A45SE	980898	Jul. 16, 2022	Jul. 15, 2023
Preamplifier	EMC	EMC184045B	980192	Jul. 08, 2022	Jul. 07, 2023
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 05, 2021	Oct. 04, 2022
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 05, 2021	Oct. 04, 2022
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	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-15407_NII	V5.10.8.3	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Oct. 27, 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. 17, 2022	Oct. 16, 2023
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.					

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	±3.41 dB
Unwanted Emission > 1GHz	±4.59 dB
Time	±0.1%
Temperature	±0.4 °C

2 Test Configuration

2.1 Testing Facility

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

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- 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 HE80	5610	MCS 0	---
Unwanted Emissions ≤1GHz	ax HE80	5610	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	

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

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.

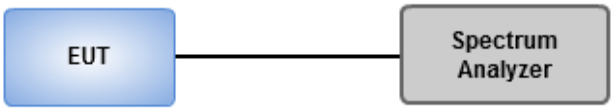
Occupied Bandwidth

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°C / 63%	**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

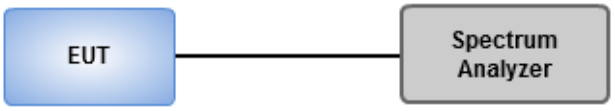
Method PM-G (Measurement using a gated RF average power meter)

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°C / 63%	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

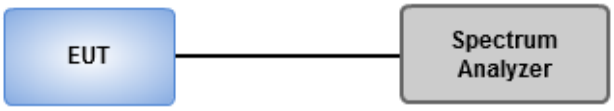
Duty cycle ≥ 98 %

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°C / 63%	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

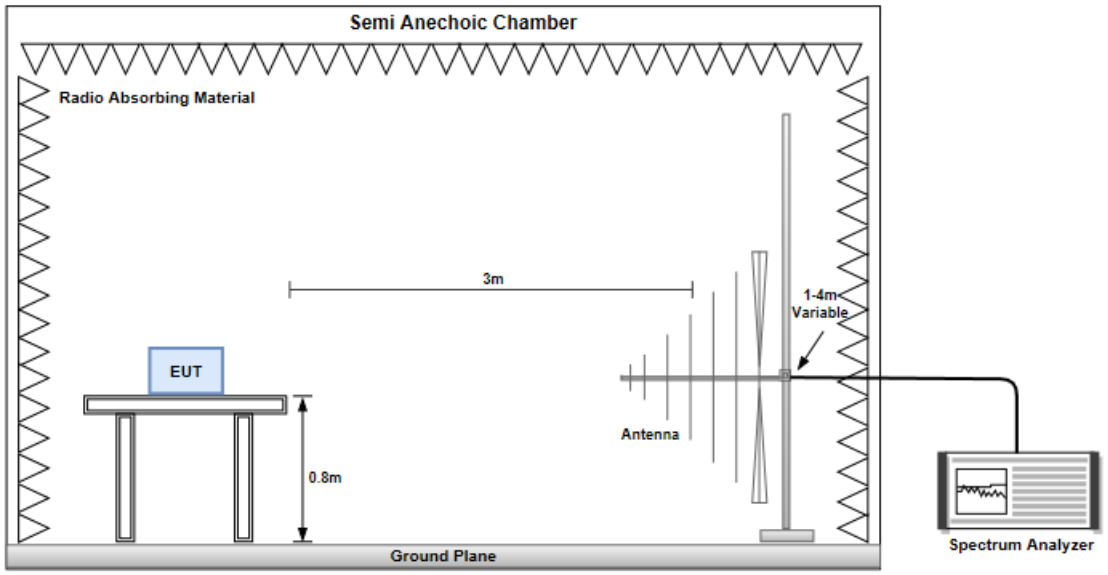
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

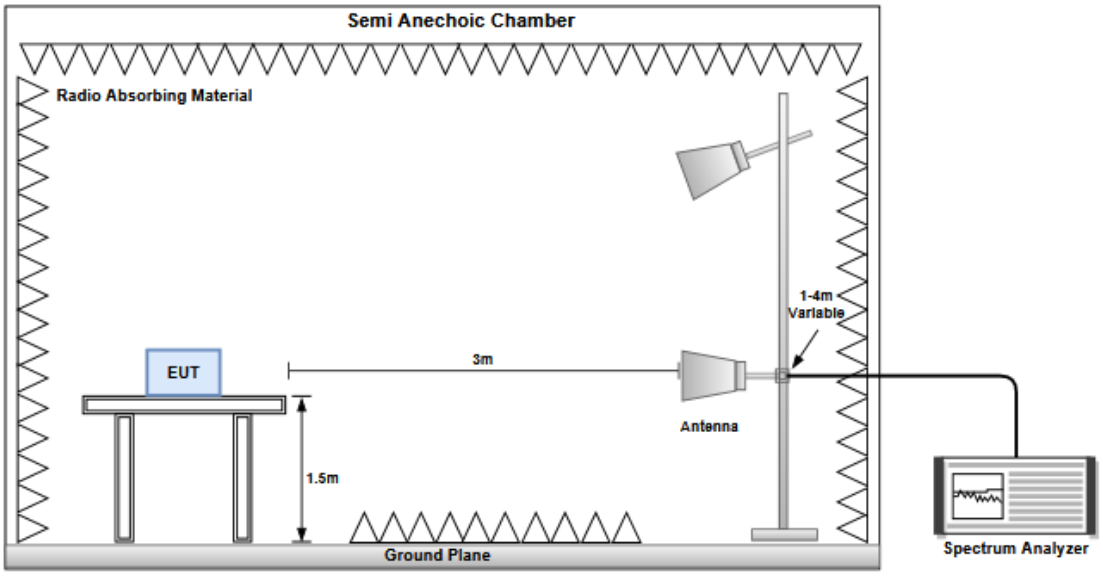
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

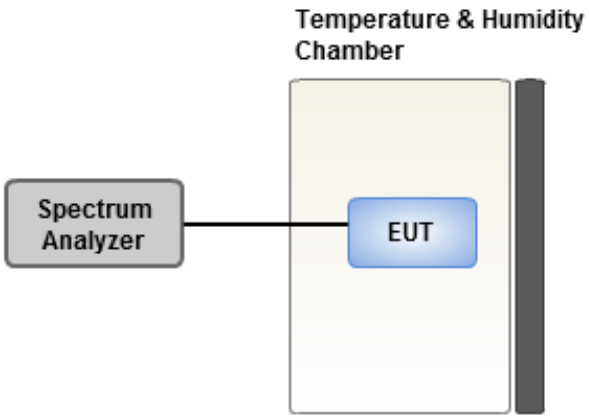
3.5.1 Limit of Frequency Stability

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°C / 63%	Tested By	Aska Huang

Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

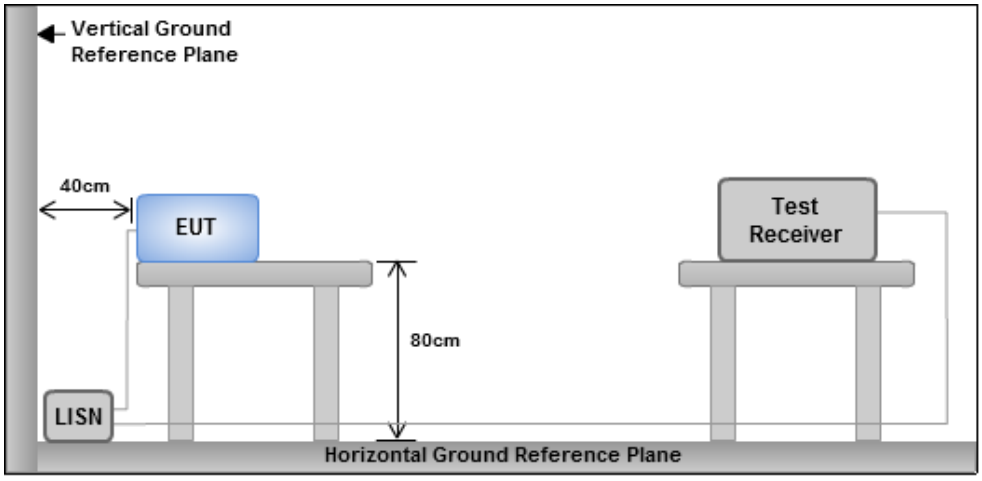
3.6.1 Limit of AC Power Line Conducted Emissions

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)_4TX	20.64M	16.732M	16M8D1D	20.16M	16.642M
802.11ax HEW20_Nss4,(MCS0)_4TX	22.35M	19.16M	19M2D1D	21.36M	19.1M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.56M	37.841M	37M9D1D	40.14M	37.781M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.44M	77.481M	77M5D1D	82.2M	77.361M
802.11ax HEW160_Nss4,(MCS0)_4TX	82.56M	78.041M	78M0D1D	82.24M	77.961M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.88M	16.702M	16M8D1D	20.1M	16.642M
802.11ax HEW20_Nss4,(MCS0)_4TX	22.26M	19.16M	19M2D1D	21.42M	19.1M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.62M	37.841M	37M9D1D	40.08M	37.721M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.68M	77.481M	77M5D1D	81.84M	77.241M
802.11ax HEW160_Nss4,(MCS0)_4TX	82.4M	77.961M	78M0D1D	81.92M	77.801M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.91M	16.702M	16M8D1D	15.105M	13.358M
802.11ax HEW20_Nss4,(MCS0)_4TX	22.23M	19.16M	19M2D1D	15.84M	14.588M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.68M	37.901M	38M0D1D	35.175M	33.758M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.56M	77.481M	77M5D1D	76.05M	73.238M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.12M	154.963M	155MD1D	163.92M	154.723M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	16.972M	17M0D1D	3.14M	3.558M
802.11ax HEW20_Nss4,(MCS0)_4TX	19.11M	19.25M	19M3D1D	4.46M	4.598M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.74M	42.399M	42M4D1D	3.94M	4.118M
802.11ax HEW80_Nss4,(MCS0)_4TX	77.4M	77.721M	77M8D1D	3.94M	4.238M

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

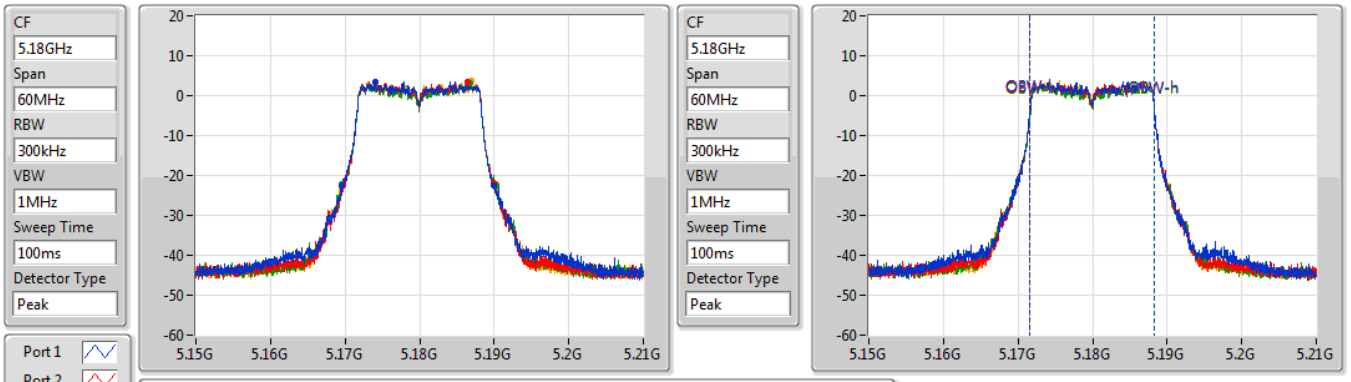
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.25M	16.672M	20.19M	16.672M	20.64M	16.702M	20.46M	16.672M
5200MHz	Pass	Inf	20.55M	16.642M	20.64M	16.672M	20.49M	16.732M	20.46M	16.672M
5240MHz	Pass	Inf	20.43M	16.672M	20.22M	16.642M	20.16M	16.702M	20.28M	16.642M
5260MHz	Pass	Inf	20.31M	16.702M	20.22M	16.672M	20.4M	16.672M	20.4M	16.642M
5300MHz	Pass	Inf	20.25M	16.702M	20.58M	16.672M	20.1M	16.672M	20.4M	16.642M
5320MHz	Pass	Inf	20.28M	16.672M	20.58M	16.672M	20.88M	16.672M	20.34M	16.642M
5500MHz	Pass	Inf	20.52M	16.702M	20.91M	16.672M	20.19M	16.672M	20.43M	16.612M
5580MHz	Pass	Inf	20.55M	16.642M	20.61M	16.672M	20.19M	16.672M	20.49M	16.612M
5700MHz	Pass	Inf	20.46M	16.672M	20.52M	16.672M	20.43M	16.672M	20.49M	16.612M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.285M	13.388M	15.225M	13.403M	15.15M	13.388M	15.105M	13.358M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.578M	3.14M	3.598M	3.14M	3.598M	3.14M	3.558M
5745MHz	Pass	500k	16.32M	16.972M	16.35M	16.702M	16.35M	16.732M	16.32M	16.822M
5785MHz	Pass	500k	16.35M	16.972M	16.32M	16.732M	16.35M	16.792M	16.35M	16.942M
5825MHz	Pass	500k	16.32M	16.792M	16.35M	16.702M	16.35M	16.732M	16.35M	16.792M
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.9M	19.1M	22.32M	19.13M	21.69M	19.1M	21.78M	19.1M
5200MHz	Pass	Inf	21.78M	19.1M	22.35M	19.13M	21.63M	19.1M	21.63M	19.13M
5240MHz	Pass	Inf	21.69M	19.13M	22.08M	19.16M	21.81M	19.13M	21.36M	19.13M
5260MHz	Pass	Inf	21.81M	19.1M	21.9M	19.16M	21.63M	19.1M	21.54M	19.13M
5300MHz	Pass	Inf	21.96M	19.1M	21.81M	19.13M	21.87M	19.1M	21.42M	19.13M
5320MHz	Pass	Inf	21.81M	19.1M	22.26M	19.13M	21.78M	19.1M	21.81M	19.13M
5500MHz	Pass	Inf	21.96M	19.13M	22.08M	19.13M	21.54M	19.1M	21.66M	19.13M
5580MHz	Pass	Inf	22.23M	19.13M	22.17M	19.16M	21.66M	19.07M	21.72M	19.13M
5700MHz	Pass	Inf	21.99M	19.13M	22.05M	19.16M	21.51M	19.1M	21.72M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.02M	14.588M	16.17M	14.618M	15.915M	14.588M	15.84M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.598M	4.58M	4.598M	4.46M	4.618M	4.46M	4.618M
5745MHz	Pass	500k	18.99M	19.19M	18.96M	19.16M	19.02M	19.1M	19.02M	19.22M
5785MHz	Pass	500k	19.05M	19.19M	19.11M	19.16M	19.02M	19.19M	18.99M	19.25M
5825MHz	Pass	500k	19.08M	19.13M	19.02M	19.16M	18.96M	19.16M	19.05M	19.25M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.841M	40.32M	37.841M	40.14M	37.781M	40.2M	37.841M
5230MHz	Pass	Inf	40.5M	37.841M	40.26M	37.841M	40.14M	37.781M	40.56M	37.781M
5270MHz	Pass	Inf	40.62M	37.781M	40.44M	37.781M	40.08M	37.841M	40.32M	37.781M
5310MHz	Pass	Inf	40.26M	37.721M	40.44M	37.841M	40.26M	37.781M	40.26M	37.781M
5510MHz	Pass	Inf	40.5M	37.841M	40.2M	37.781M	40.5M	37.781M	40.68M	37.841M
5590MHz	Pass	Inf	40.2M	37.841M	40.44M	37.781M	40.38M	37.721M	40.62M	37.841M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5670MHz	Pass	Inf	40.56M	37.901M	40.38M	37.781M	40.56M	37.841M	40.26M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	33.758M	35.175M	33.758M	35.21M	33.793M	35.245M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.118M	3.96M	4.158M	4.04M	4.138M	3.94M	4.318M
5755MHz	Pass	500k	37.44M	38.921M	37.26M	38.081M	37.14M	38.201M	37.74M	38.921M
5795MHz	Pass	500k	36.06M	38.921M	36.96M	38.141M	37.68M	38.441M	37.38M	42.399M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	77.481M	82.32M	77.361M	82.44M	77.361M	82.2M	77.361M
5290MHz	Pass	Inf	82.2M	77.361M	82.68M	77.241M	82.32M	77.481M	81.84M	77.481M
5530MHz	Pass	Inf	82.56M	77.361M	82.44M	77.361M	82.56M	77.361M	82.08M	77.361M
5610MHz	Pass	Inf	82.32M	77.481M	82.44M	77.361M	82.56M	77.361M	82.2M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.575M	73.238M	76.05M	73.313M	76.2M	73.238M	76.125M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.458M	4.1M	4.318M	3.96M	4.238M	3.94M	10.135M
5775MHz	Pass	500k	76.08M	77.721M	77.4M	77.361M	76.68M	77.601M	77.4M	77.721M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.4M	78.041M	82.24M	77.961M	82.56M	77.961M	82.24M	77.961M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.4M	77.801M	82.4M	77.881M	82.24M	77.961M	81.92M	77.961M
5570MHz	Pass	Inf	164.16M	154.723M	165.12M	154.963M	163.92M	154.963M	164.64M	154.723M

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

802.11a_Nss1,(6Mbps)_4TX EBW

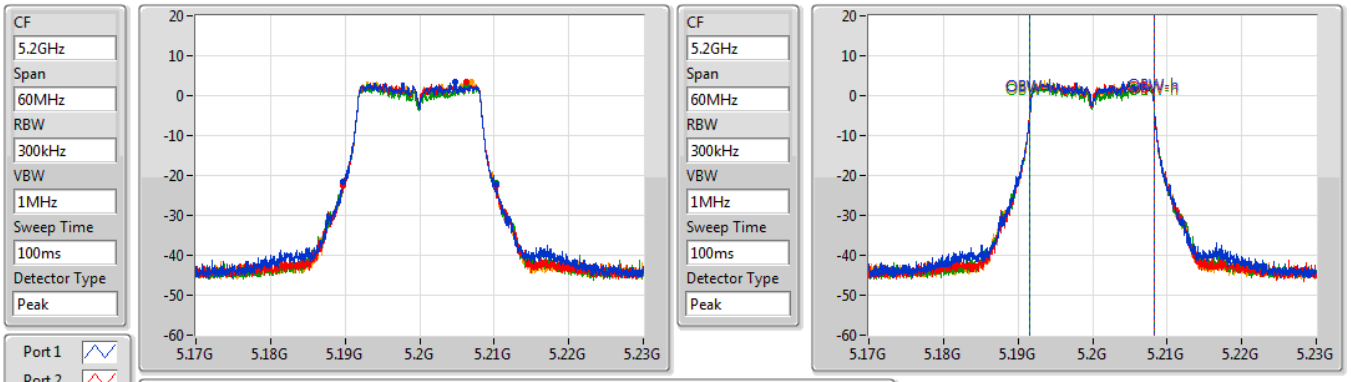
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.16962G	5.18987G	16.672M	5.171604G	5.188276G	Inf	1
20.19M	5.16968G	5.18987G	16.672M	5.171604G	5.188276G	Inf	2
20.64M	5.16959G	5.19023G	16.702M	5.171604G	5.188306G	Inf	3
20.46M	5.16977G	5.19023G	16.672M	5.171604G	5.188276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

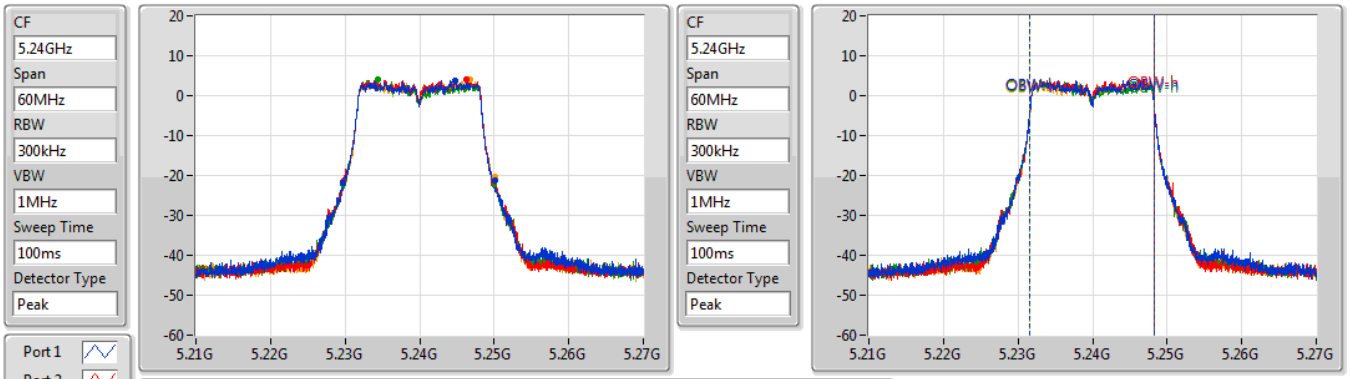
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.18968G	5.21023G	16.642M	5.191604G	5.208246G	Inf	1
20.64M	5.18971G	5.21035G	16.672M	5.191604G	5.208276G	Inf	2
20.49M	5.18974G	5.21023G	16.732M	5.191574G	5.208306G	Inf	3
20.46M	5.18977G	5.21023G	16.672M	5.191604G	5.208276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

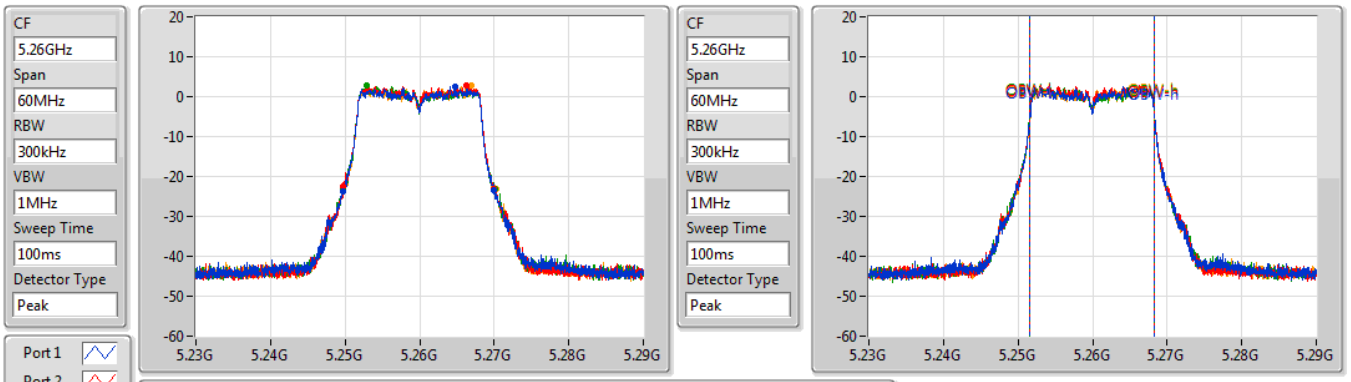
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.22965G	5.25008G	16.672M	5.231604G	5.248276G	Inf	1
20.22M	5.22977G	5.24999G	16.642M	5.231634G	5.248276G	Inf	2
20.16M	5.22977G	5.24993G	16.702M	5.231604G	5.248306G	Inf	3
20.28M	5.2298G	5.25008G	16.642M	5.231634G	5.248276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

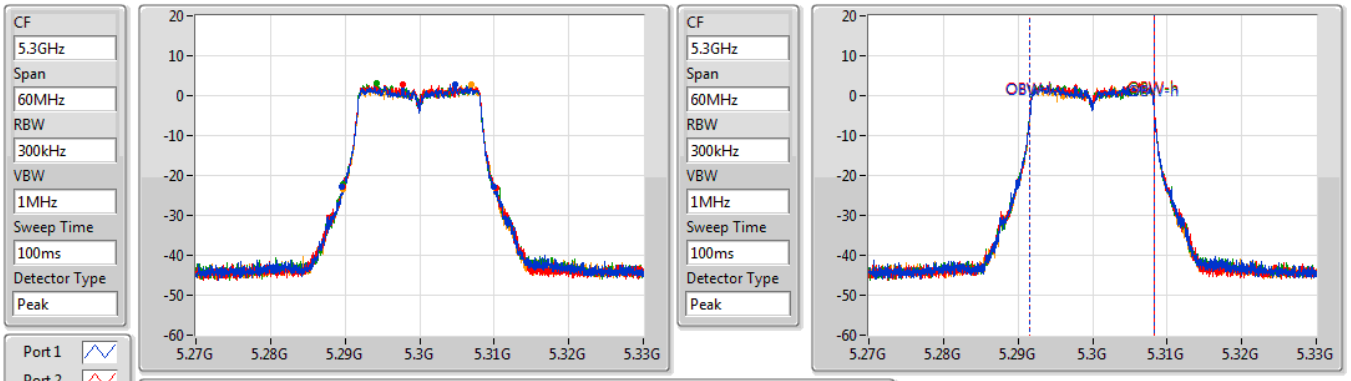
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.31M	5.24965G	5.26996G	16.702M	5.251574G	5.268276G	Inf	1
20.22M	5.24971G	5.26993G	16.672M	5.251604G	5.268276G	Inf	2
20.4M	5.24971G	5.27011G	16.672M	5.251604G	5.268276G	Inf	3
20.4M	5.2498G	5.2702G	16.642M	5.251634G	5.268276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

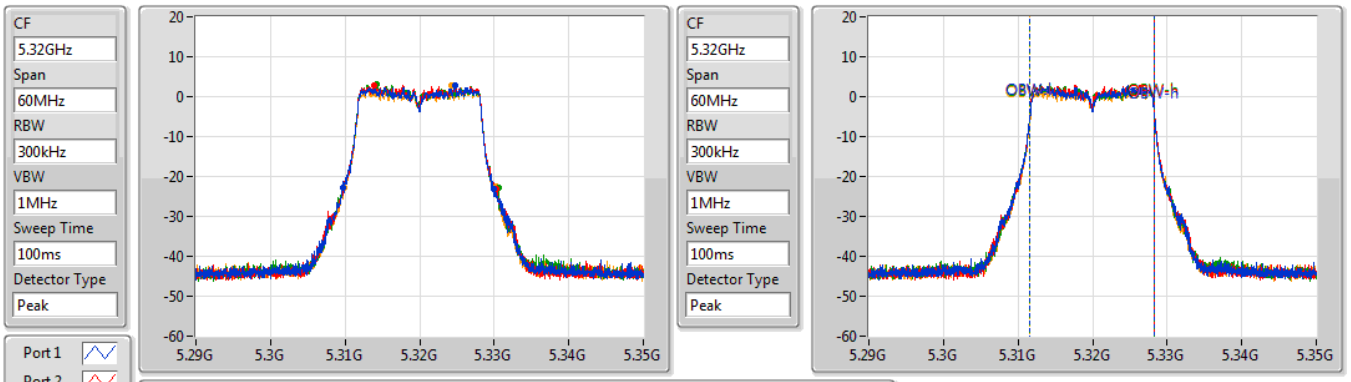
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.28962G	5.30987G	16.702M	5.291574G	5.308276G	Inf	1
20.58M	5.28968G	5.31026G	16.672M	5.291604G	5.308276G	Inf	2
20.1M	5.2898G	5.3099G	16.672M	5.291604G	5.308276G	Inf	3
20.4M	5.28977G	5.31017G	16.642M	5.291634G	5.308276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

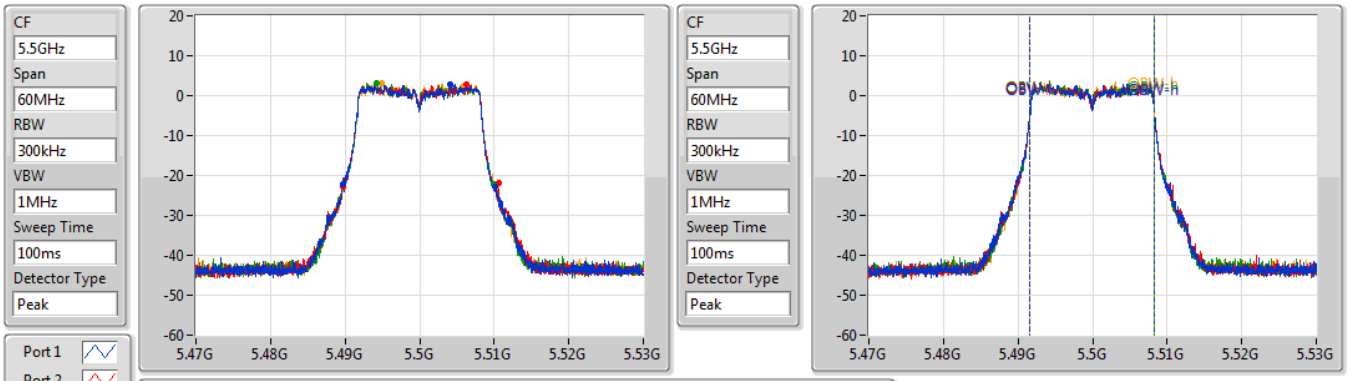
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.28M	5.30965G	5.32993G	16.672M	5.311604G	5.328276G	Inf	1
20.58M	5.30971G	5.33029G	16.672M	5.311604G	5.328276G	Inf	2
20.88M	5.30974G	5.33062G	16.672M	5.311604G	5.328276G	Inf	3
20.34M	5.30986G	5.3302G	16.642M	5.311634G	5.328276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

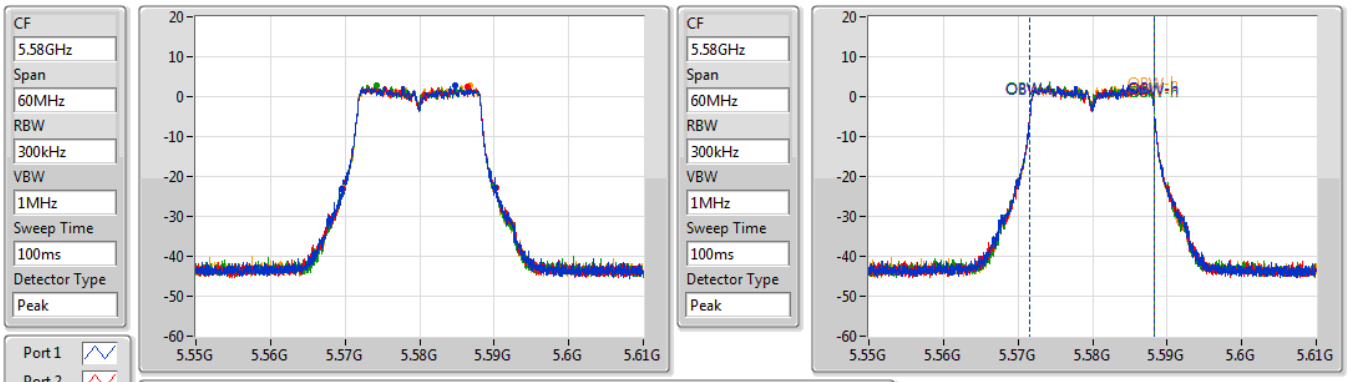
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.48965G	5.51017G	16.702M	5.491574G	5.508276G	Inf	1
20.91M	5.48968G	5.51059G	16.672M	5.491604G	5.508276G	Inf	2
20.19M	5.48974G	5.50993G	16.672M	5.491604G	5.508276G	Inf	3
20.43M	5.4898G	5.51023G	16.612M	5.491634G	5.508246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

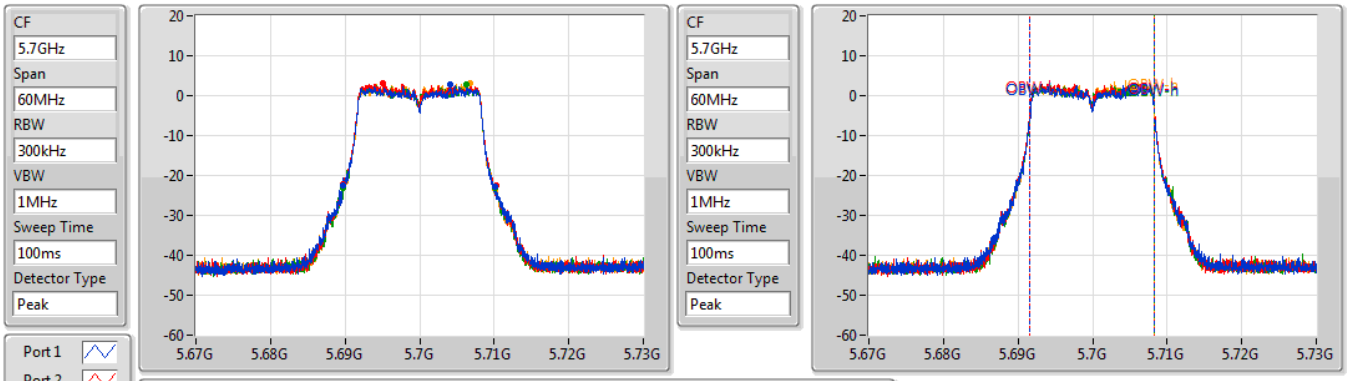
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.56956G	5.59011G	16.642M	5.571604G	5.588246G	Inf	1
20.61M	5.56968G	5.59029G	16.672M	5.571604G	5.588276G	Inf	2
20.19M	5.56977G	5.58996G	16.672M	5.571604G	5.588276G	Inf	3
20.49M	5.56974G	5.59023G	16.612M	5.571634G	5.588246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

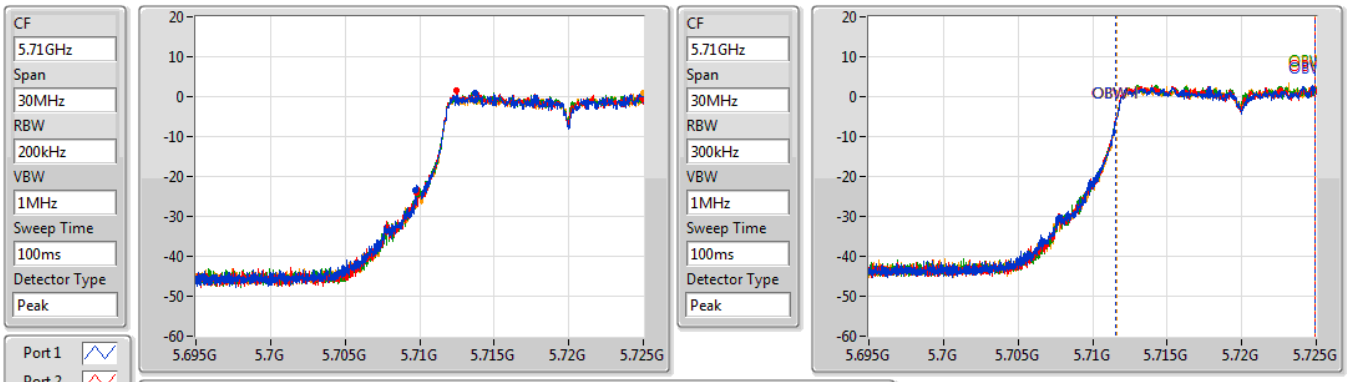
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.68965G	5.71011G	16.672M	5.691604G	5.708276G	Inf	1
20.52M	5.68968G	5.7102G	16.672M	5.691604G	5.708276G	Inf	2
20.43M	5.68974G	5.71017G	16.672M	5.691604G	5.708276G	Inf	3
20.49M	5.68974G	5.71023G	16.612M	5.691634G	5.708246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

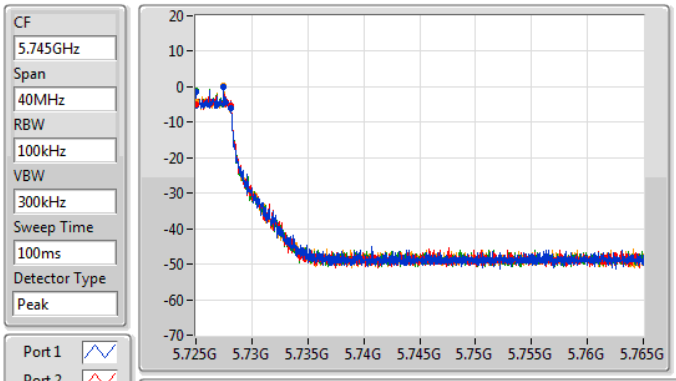
5720MHz Straddle 5.47-5.725GHz

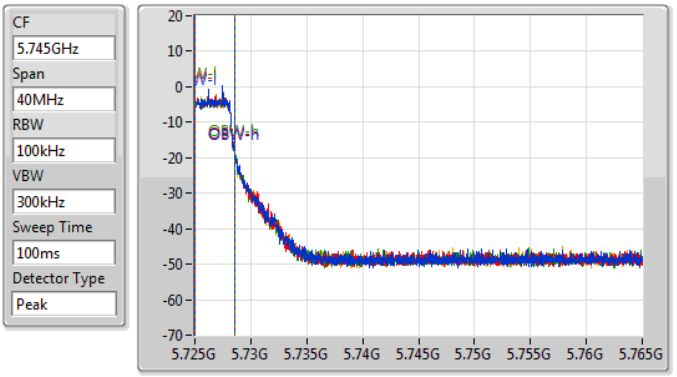


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.285M	5.709715G	5.725G	13.388M	5.711544G	5.724933G	Inf	1
15.225M	5.709775G	5.725G	13.403M	5.711544G	5.724948G	Inf	2
15.15M	5.70985G	5.725G	13.388M	5.711559G	5.724948G	Inf	3
15.105M	5.709895G	5.725G	13.358M	5.711589G	5.724948G	Inf	4

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

5720MHz Straddle 5.725-5.85GHz

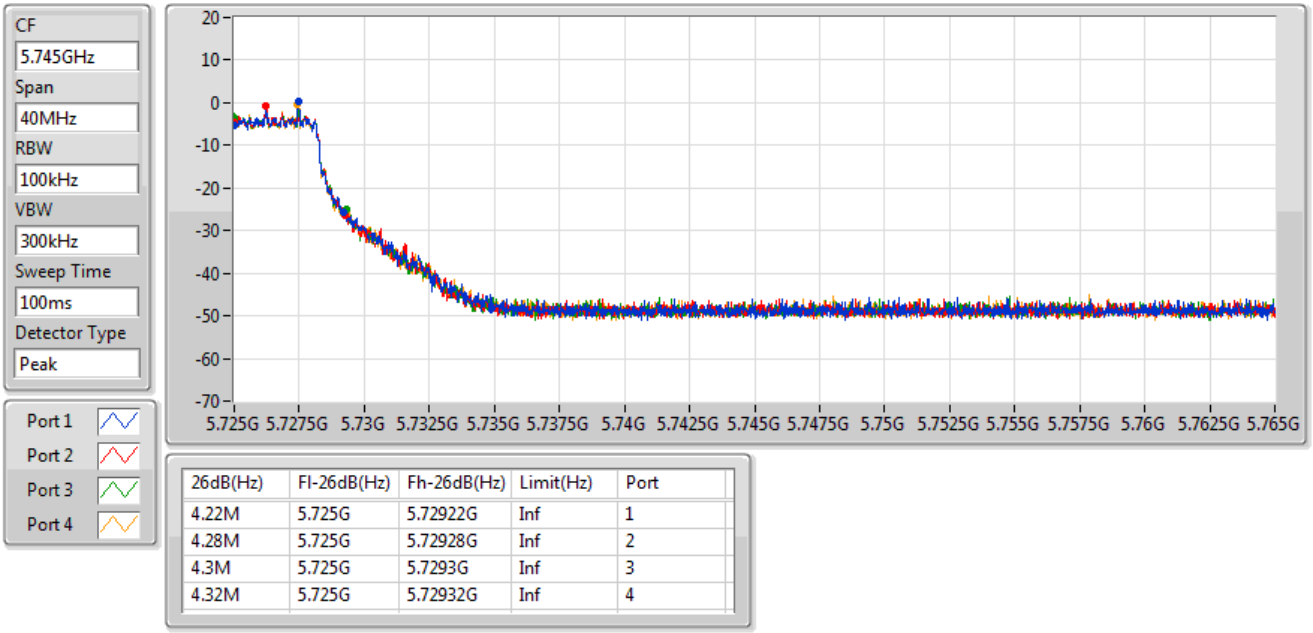




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.578M	5.72501G	5.728588G	500k	1
3.14M	5.725G	5.72814G	3.598M	5.72501G	5.728608G	500k	2
3.14M	5.725G	5.72814G	3.598M	5.72501G	5.728608G	500k	3
3.14M	5.725G	5.72814G	3.558M	5.72501G	5.728568G	500k	4

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

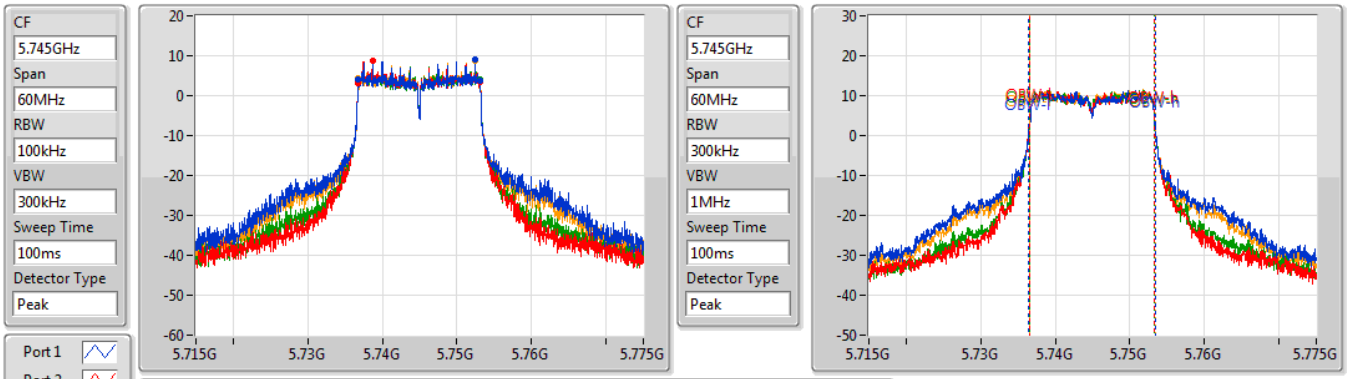
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.22M	5.725G	5.72922G	Inf	1
4.28M	5.725G	5.72928G	Inf	2
4.3M	5.725G	5.7293G	Inf	3
4.32M	5.725G	5.72932G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

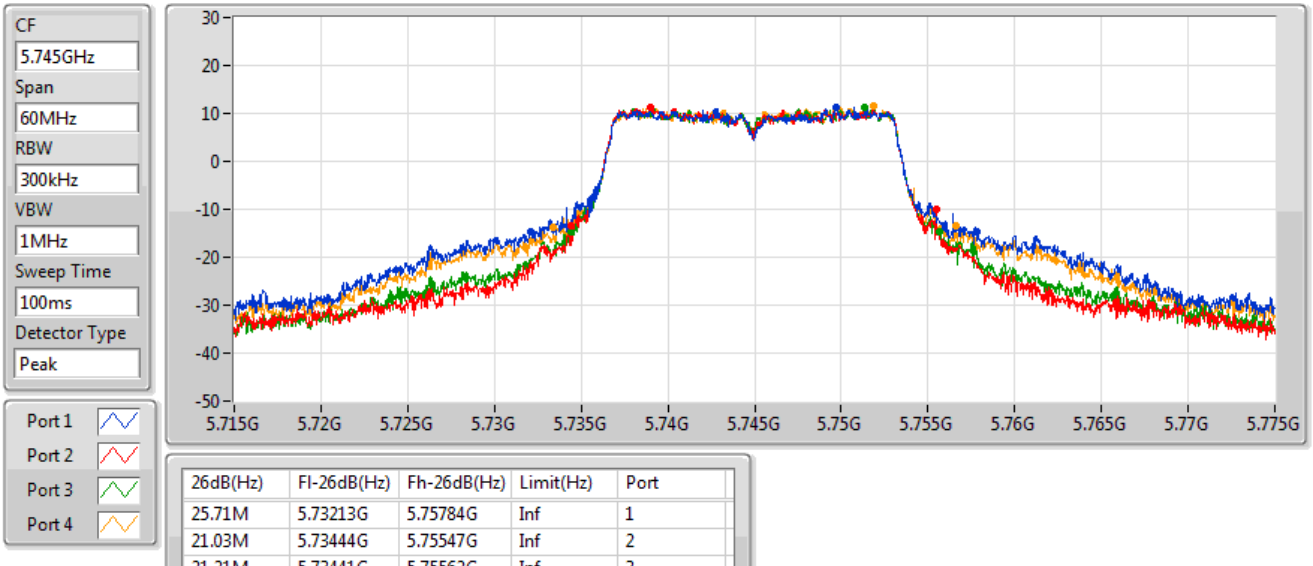
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	16.972M	5.736454G	5.753426G	500k	1
16.35M	5.73678G	5.75313G	16.702M	5.736574G	5.753276G	500k	2
16.35M	5.73678G	5.75313G	16.732M	5.736574G	5.753306G	500k	3
16.32M	5.73681G	5.75313G	16.822M	5.736544G	5.753366G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

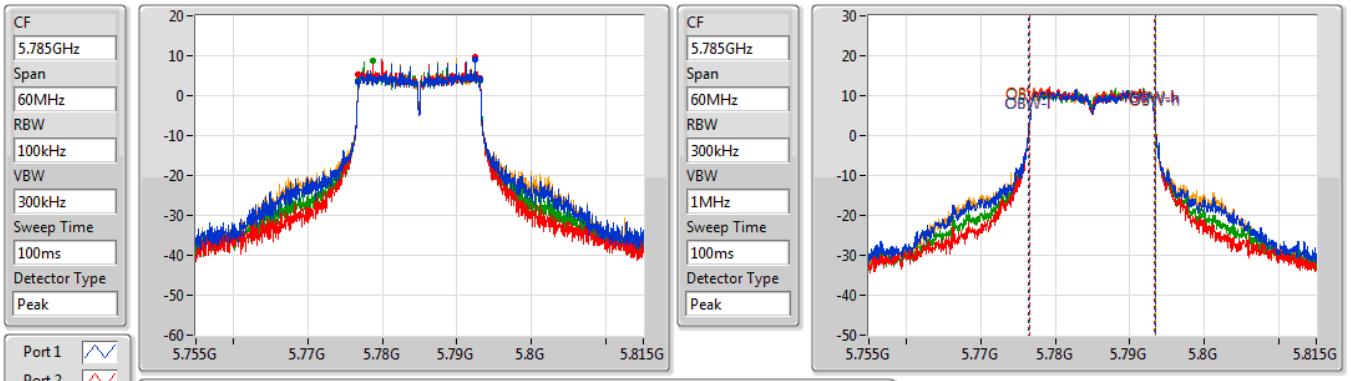
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
25.71M	5.73213G	5.75784G	Inf	1
21.03M	5.73444G	5.75547G	Inf	2
21.21M	5.73441G	5.75562G	Inf	3
23.19M	5.73339G	5.75658G	Inf	4

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

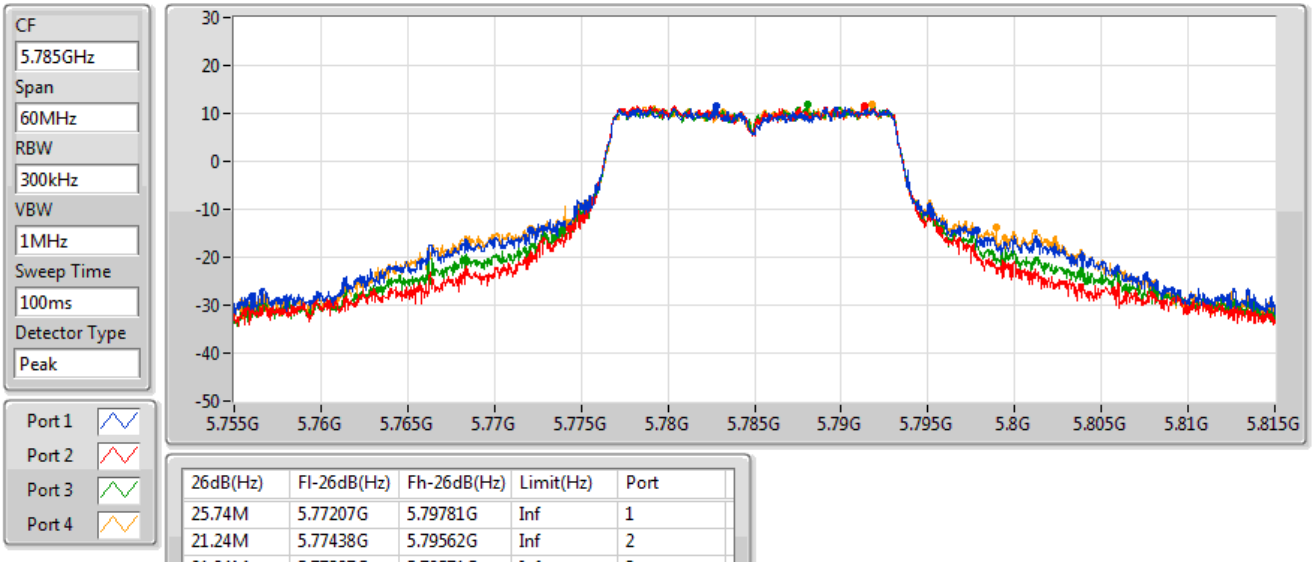
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77678G	5.79313G	16.972M	5.776454G	5.793426G	500k	1
16.32M	5.77681G	5.79313G	16.732M	5.776574G	5.793306G	500k	2
16.35M	5.77678G	5.79313G	16.792M	5.776574G	5.793366G	500k	3
16.35M	5.77678G	5.79313G	16.942M	5.776484G	5.793426G	500k	4

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

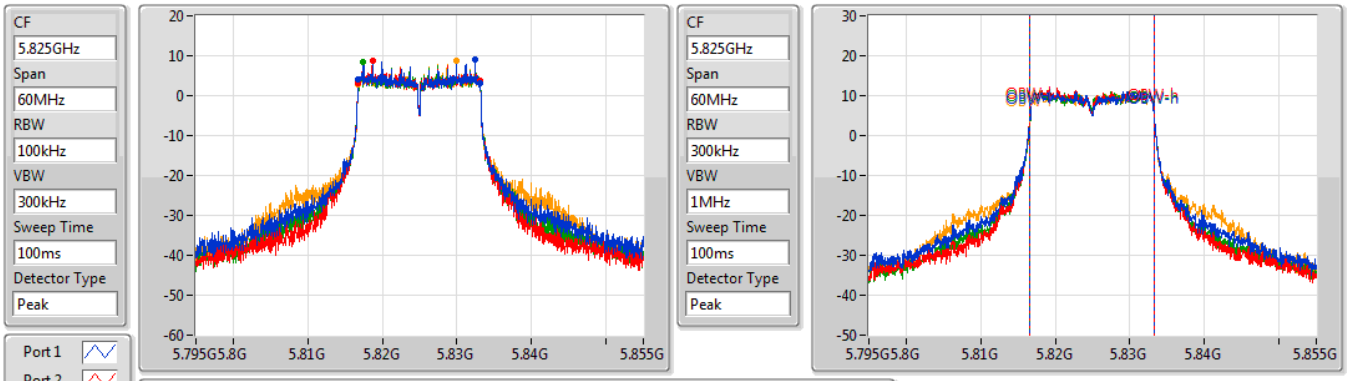
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
25.74M	5.77207G	5.79781G	Inf	1
21.24M	5.77438G	5.79562G	Inf	2
21.84M	5.77387G	5.79571G	Inf	3
26.88M	5.77207G	5.79895G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

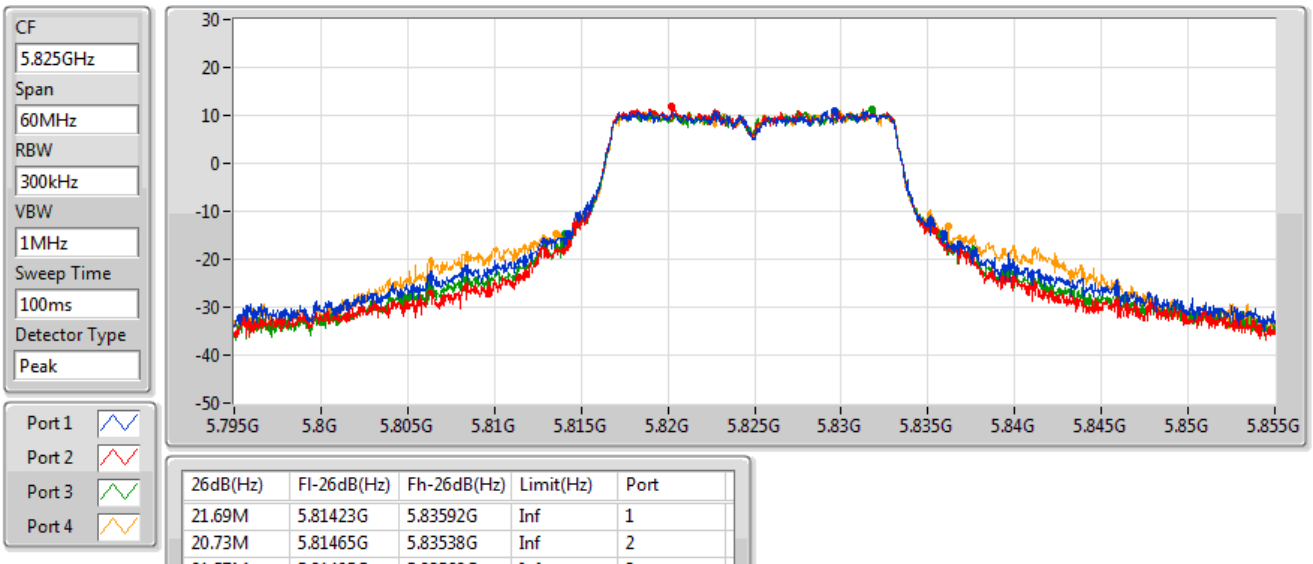
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81681G	5.83313G	16.792M	5.816514G	5.833306G	500k	1
16.35M	5.81678G	5.83313G	16.702M	5.816574G	5.833276G	500k	2
16.35M	5.81678G	5.83313G	16.732M	5.816574G	5.833306G	500k	3
16.35M	5.81678G	5.83313G	16.792M	5.816544G	5.833336G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

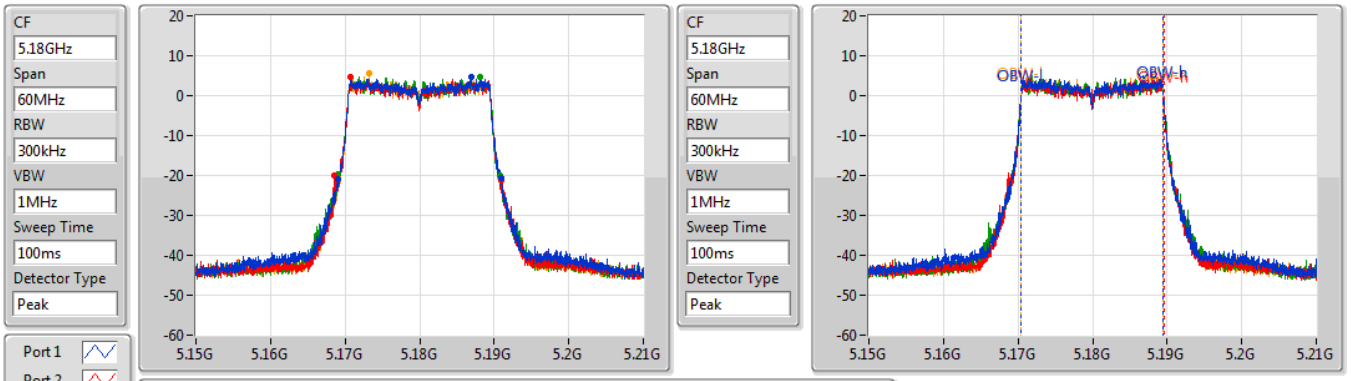
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.69M	5.81423G	5.83592G	Inf	1
20.73M	5.81465G	5.83538G	Inf	2
21.57M	5.81405G	5.83562G	Inf	3
22.59M	5.81357G	5.83616G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

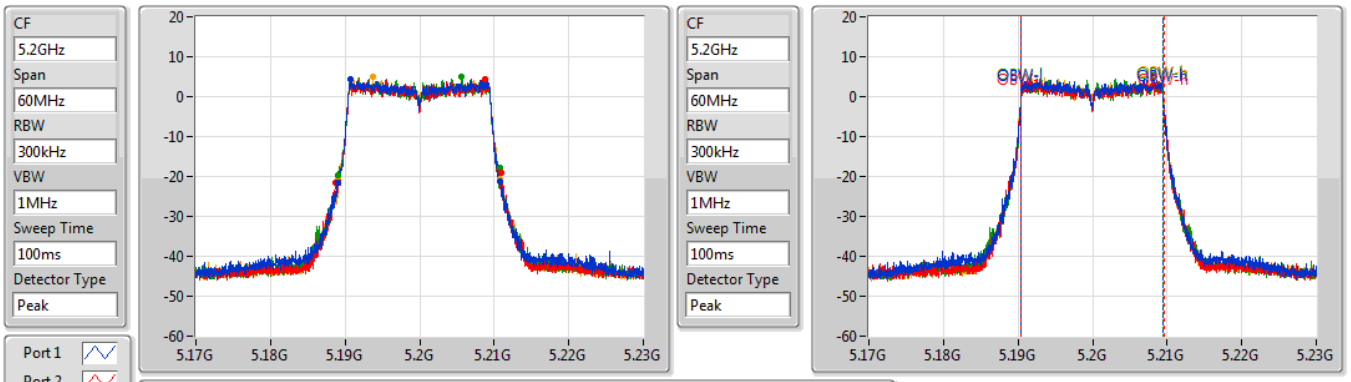
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.16905G	5.19095G	19.1M	5.170405G	5.189505G	Inf	1
22.32M	5.16863G	5.19095G	19.13M	5.170405G	5.189535G	Inf	2
21.69M	5.16905G	5.19074G	19.1M	5.170405G	5.189505G	Inf	3
21.78M	5.16905G	5.19083G	19.1M	5.170405G	5.189505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

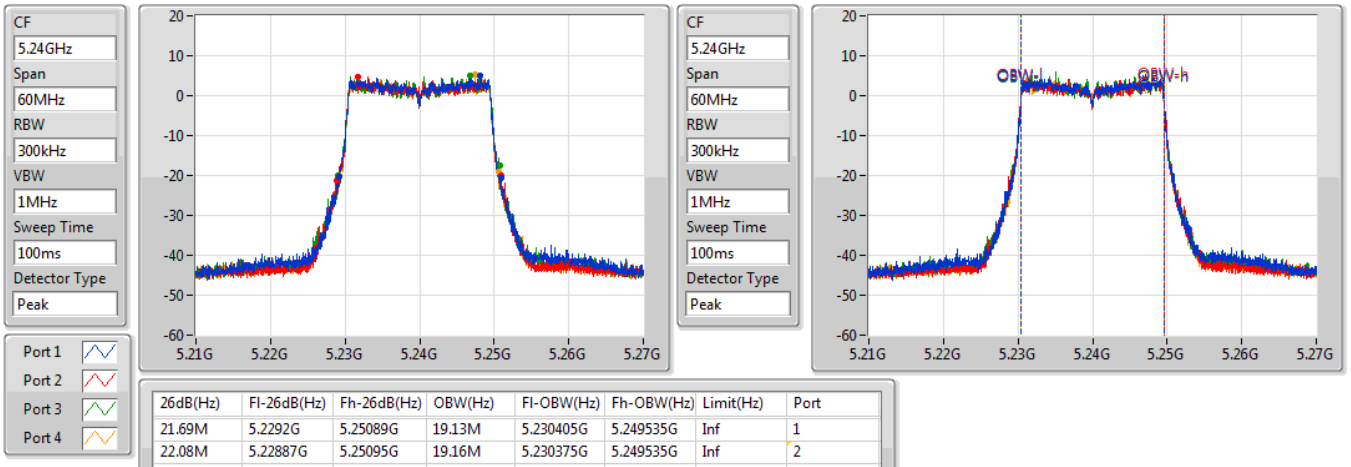
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.18905G	5.21083G	19.1M	5.190405G	5.209505G	Inf	1
22.35M	5.18866G	5.21101G	19.13M	5.190405G	5.209535G	Inf	2
21.63M	5.18908G	5.21071G	19.1M	5.190405G	5.209505G	Inf	3
21.63M	5.18908G	5.21071G	19.13M	5.190405G	5.209535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

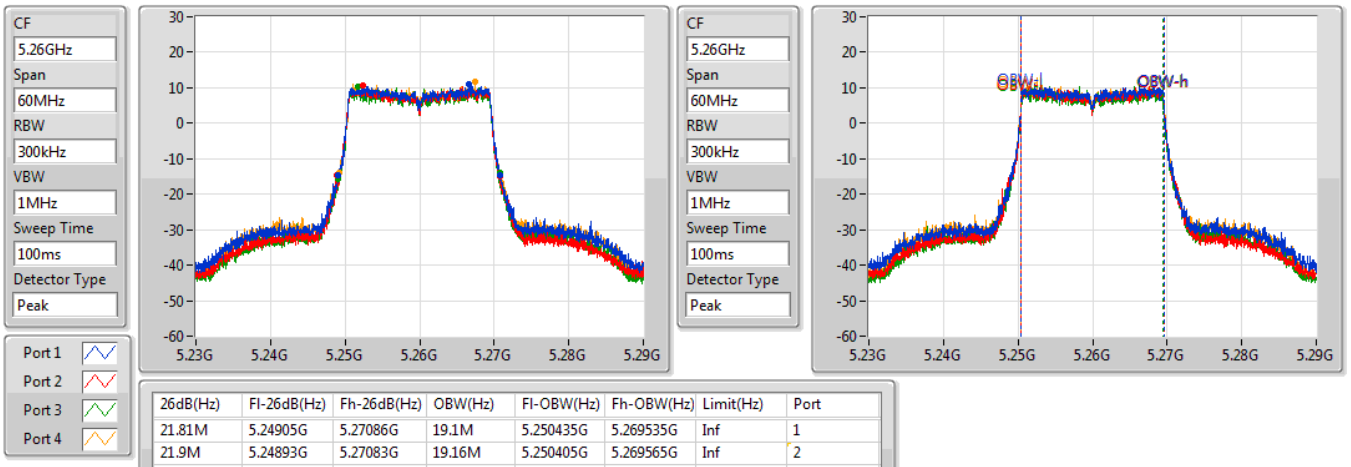
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.2292G	5.25089G	19.13M	5.230405G	5.249535G	Inf	1
22.08M	5.22887G	5.25095G	19.16M	5.230375G	5.249535G	Inf	2
21.81M	5.22902G	5.25083G	19.13M	5.230405G	5.249535G	Inf	3
21.36M	5.22926G	5.25062G	19.13M	5.230405G	5.249535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

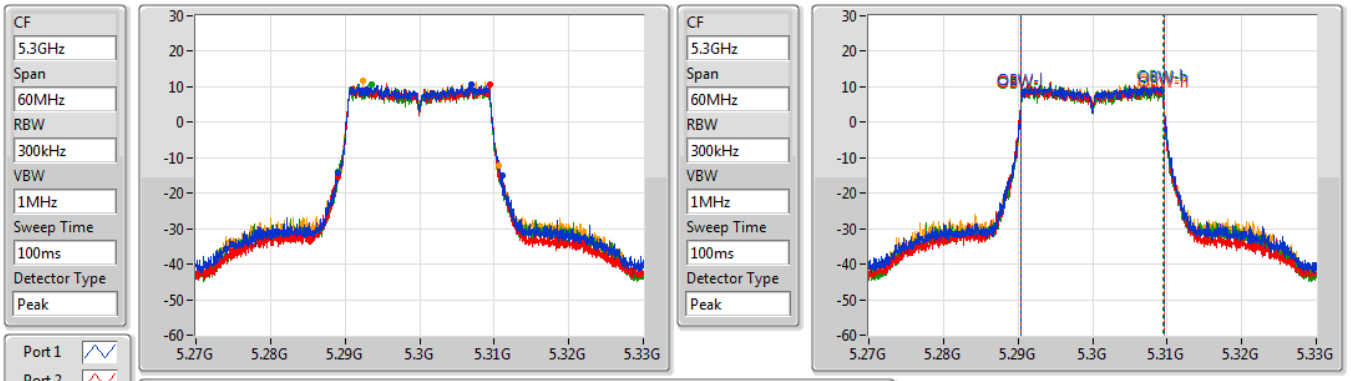
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.24905G	5.27086G	19.1M	5.250435G	5.269535G	Inf	1
21.9M	5.24893G	5.27083G	19.16M	5.250405G	5.269565G	Inf	2
21.63M	5.24911G	5.27074G	19.1M	5.250405G	5.269505G	Inf	3
21.54M	5.24929G	5.27083G	19.13M	5.250405G	5.269535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

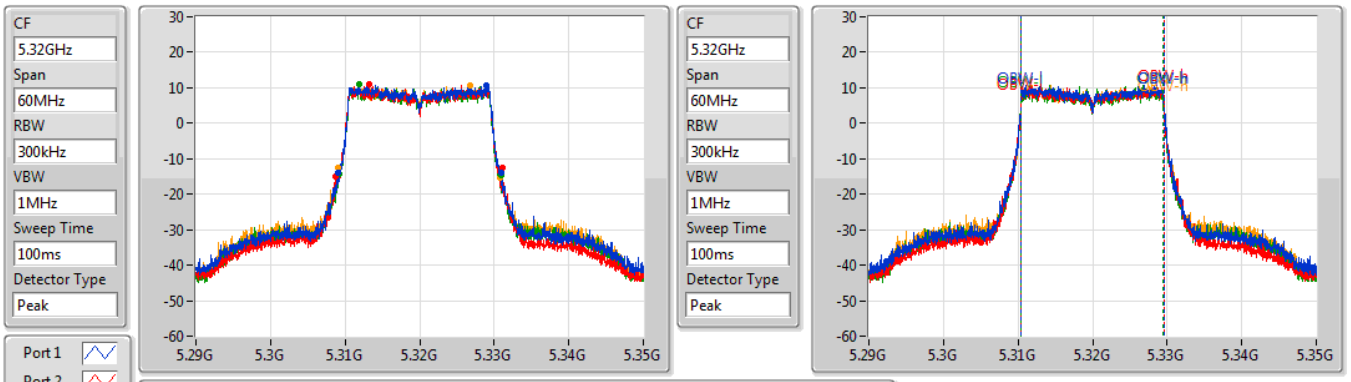
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.28911G	5.31107G	19.1M	5.290435G	5.309535G	Inf	1
21.81M	5.28899G	5.3108G	19.13M	5.290405G	5.309535G	Inf	2
21.87M	5.28908G	5.31095G	19.1M	5.290405G	5.309505G	Inf	3
21.42M	5.2892G	5.31062G	19.13M	5.290405G	5.309535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

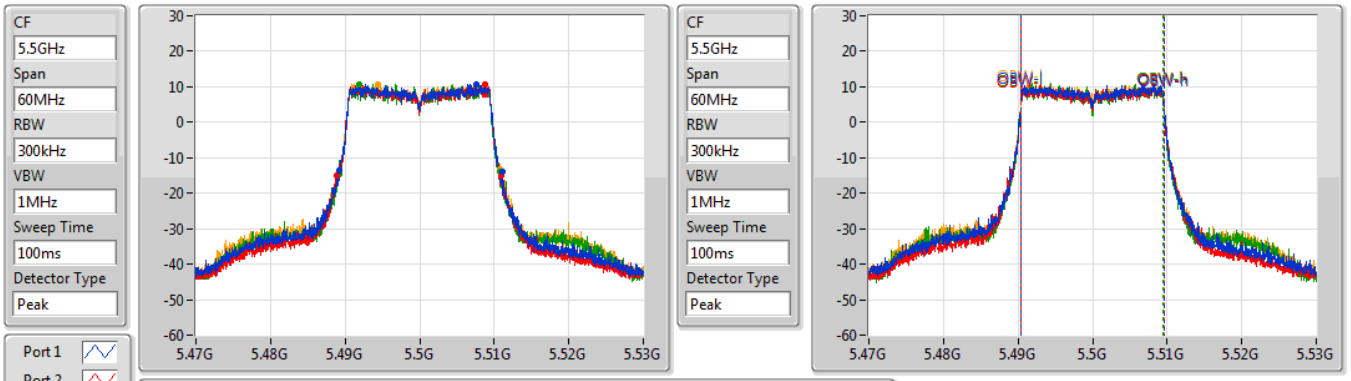
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.30908G	5.33089G	19.1M	5.310435G	5.329535G	Inf	1
22.26M	5.30878G	5.33104G	19.13M	5.310405G	5.329535G	Inf	2
21.78M	5.30923G	5.33101G	19.1M	5.310405G	5.329505G	Inf	3
21.81M	5.30902G	5.33083G	19.13M	5.310435G	5.329565G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

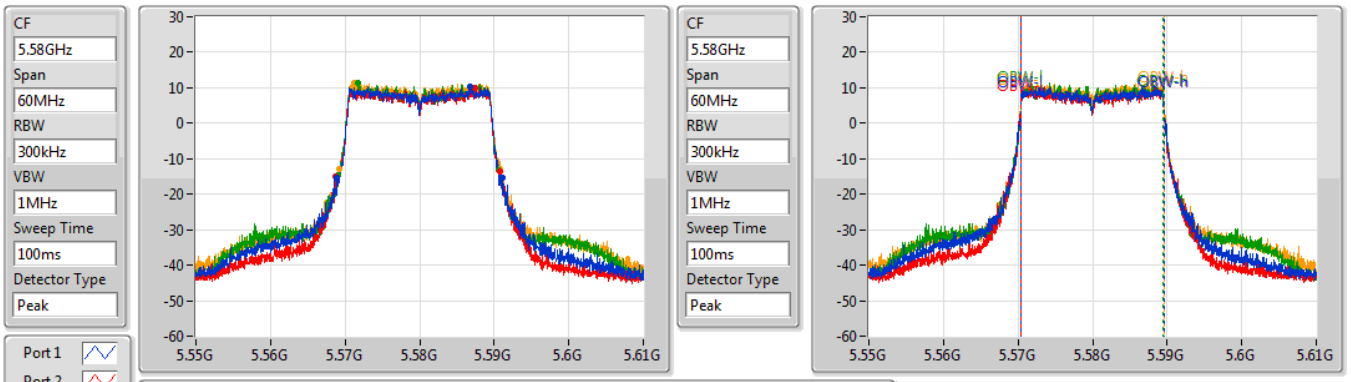
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.48914G	5.5111G	19.13M	5.490405G	5.509535G	Inf	1
22.08M	5.48881G	5.51089G	19.13M	5.490405G	5.509535G	Inf	2
21.54M	5.48917G	5.51071G	19.1M	5.490405G	5.509505G	Inf	3
21.66M	5.4892G	5.51086G	19.13M	5.490405G	5.509535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

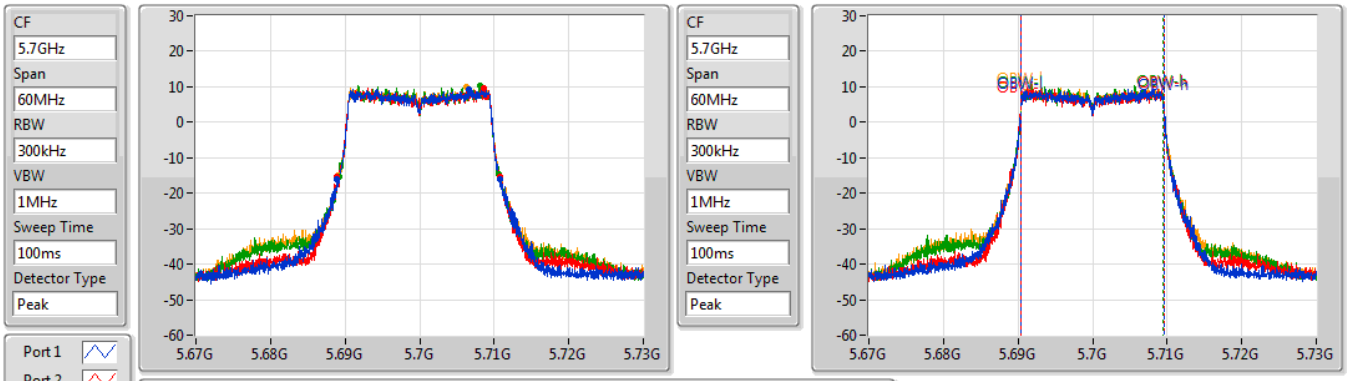
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.23M	5.56896G	5.59119G	19.13M	5.570405G	5.589535G	Inf	1
22.17M	5.56866G	5.59083G	19.16M	5.570375G	5.589535G	Inf	2
21.66M	5.56899G	5.59065G	19.07M	5.570435G	5.589505G	Inf	3
21.72M	5.56914G	5.59086G	19.13M	5.570405G	5.589535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX **EBW**

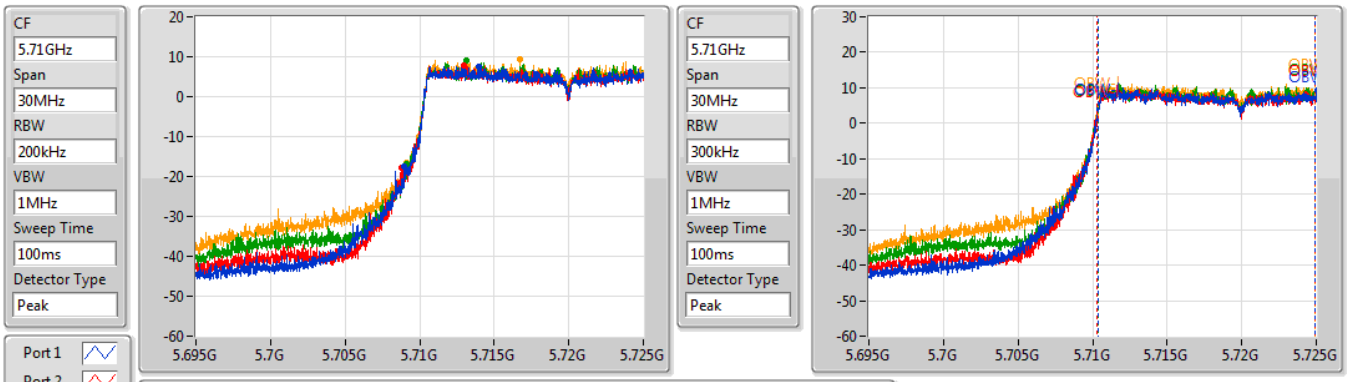
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.99M	5.68884G	5.71083G	19.13M	5.690405G	5.709535G	Inf	1
22.05M	5.68881G	5.71086G	19.16M	5.690375G	5.709535G	Inf	2
21.51M	5.68917G	5.71068G	19.1M	5.690405G	5.709505G	Inf	3
21.72M	5.68899G	5.71071G	19.1M	5.690435G	5.709535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX **EBW**

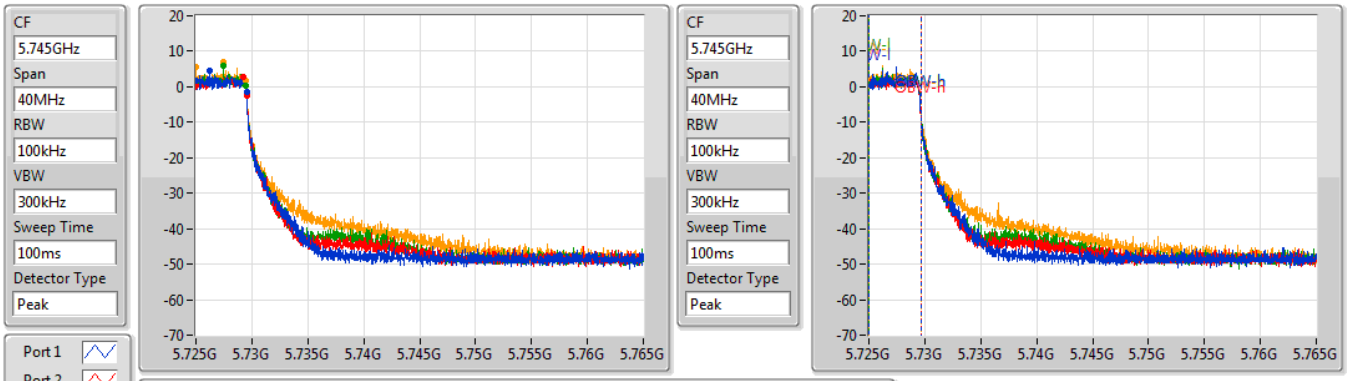
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.70898G	5.725G	14.588M	5.710345G	5.724933G	Inf	1
16.17M	5.70883G	5.725G	14.618M	5.710315G	5.724933G	Inf	2
15.915M	5.709085G	5.725G	14.588M	5.710345G	5.724933G	Inf	3
15.84M	5.70916G	5.725G	14.588M	5.710345G	5.724933G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

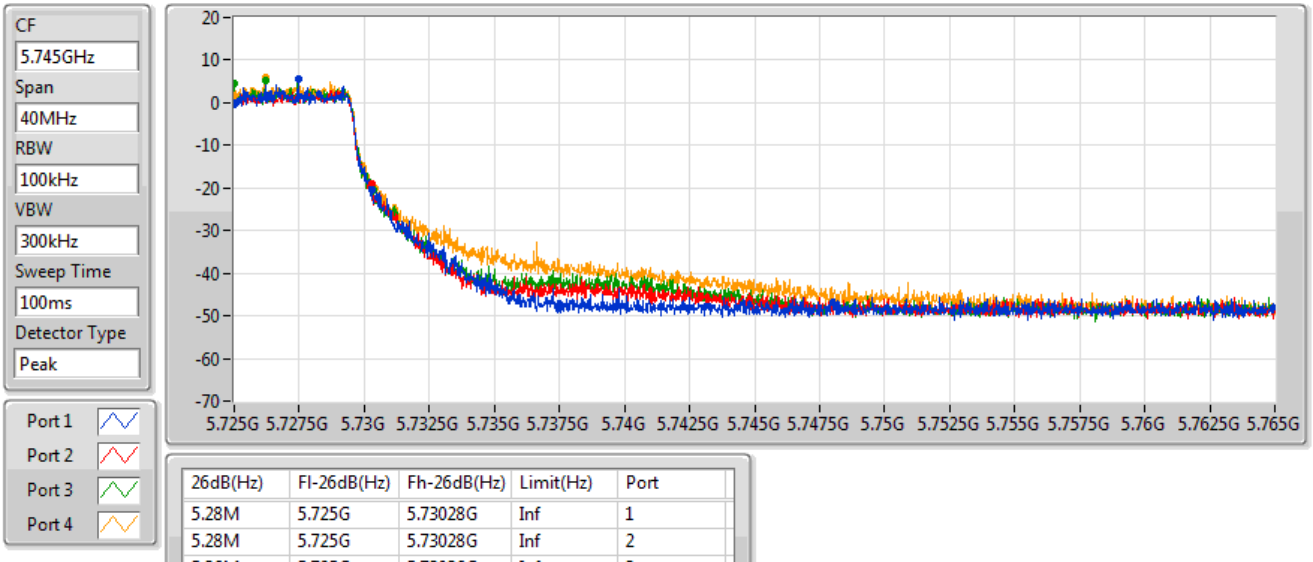
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.54M	5.725G	5.72954G	4.598M	5.72503G	5.729628G	500k	1
4.58M	5.725G	5.72958G	4.598M	5.72503G	5.729628G	500k	2
4.46M	5.725G	5.72946G	4.618M	5.72501G	5.729628G	500k	3
4.46M	5.725G	5.72946G	4.618M	5.72503G	5.729648G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

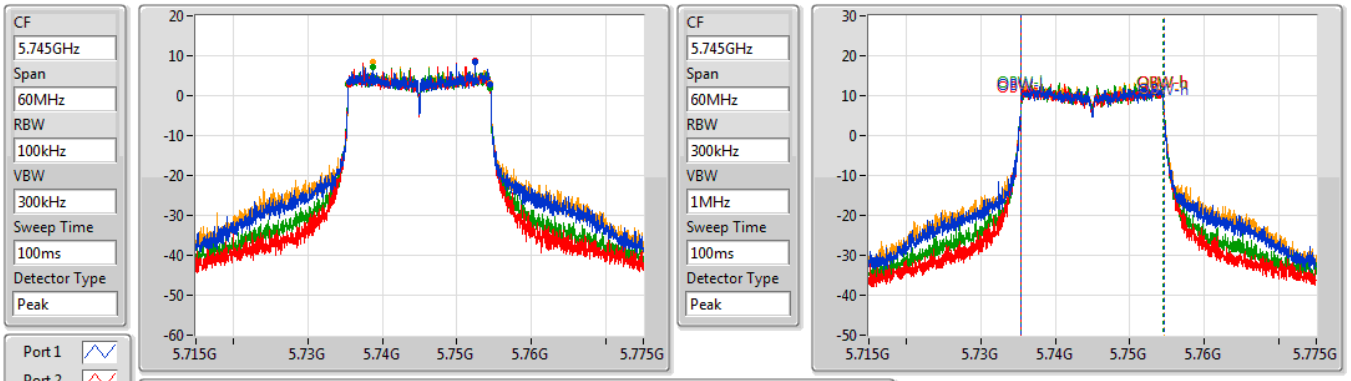
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.28M	5.725G	5.73028G	Inf	1
5.28M	5.725G	5.73028G	Inf	2
5.36M	5.725G	5.73036G	Inf	3
5.4M	5.725G	5.7304G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

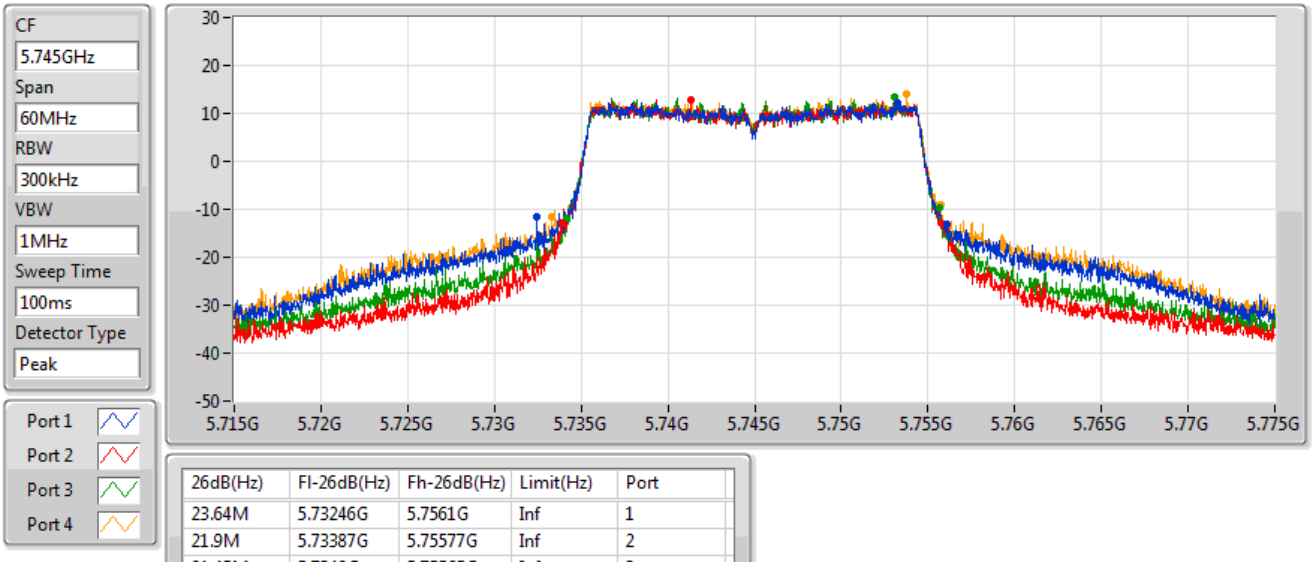
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.73549G	5.75448G	19.19M	5.735375G	5.754565G	500k	1
18.96M	5.73549G	5.75445G	19.16M	5.735375G	5.754535G	500k	2
19.02M	5.73546G	5.75448G	19.1M	5.735405G	5.754505G	500k	3
19.02M	5.73546G	5.75448G	19.22M	5.735375G	5.754595G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

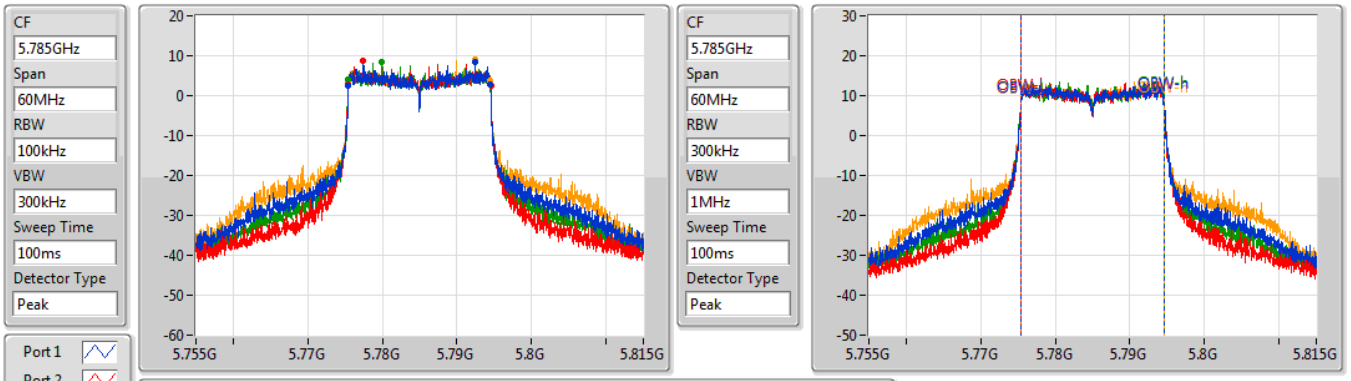
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
23.64M	5.73246G	5.7561G	Inf	1
21.9M	5.73387G	5.75577G	Inf	2
21.45M	5.7342G	5.75565G	Inf	3
22.47M	5.7333G	5.75577G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

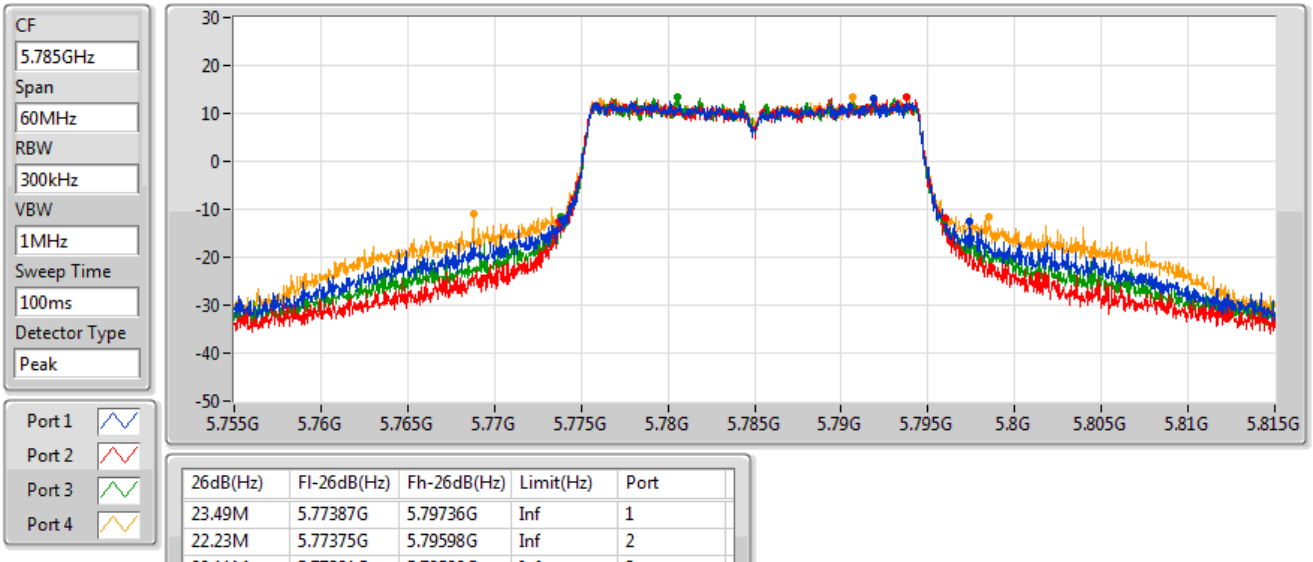
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.77543G	5.79448G	19.19M	5.775375G	5.794565G	500k	1
19.11M	5.77546G	5.79457G	19.16M	5.775375G	5.794535G	500k	2
19.02M	5.77546G	5.79448G	19.19M	5.775375G	5.794565G	500k	3
18.99M	5.77546G	5.79445G	19.25M	5.775345G	5.794595G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

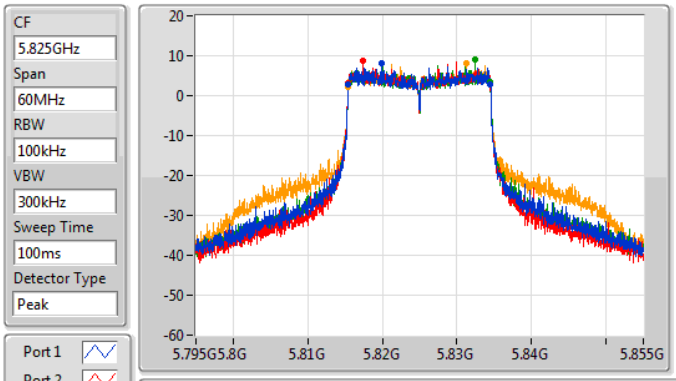
5785MHz

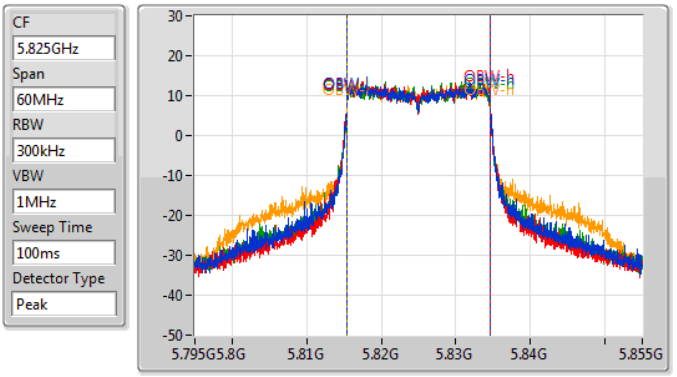


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
23.49M	5.77387G	5.79736G	Inf	1
22.23M	5.77375G	5.79598G	Inf	2
22.11M	5.77381G	5.79592G	Inf	3
29.73M	5.76877G	5.7985G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5825MHz

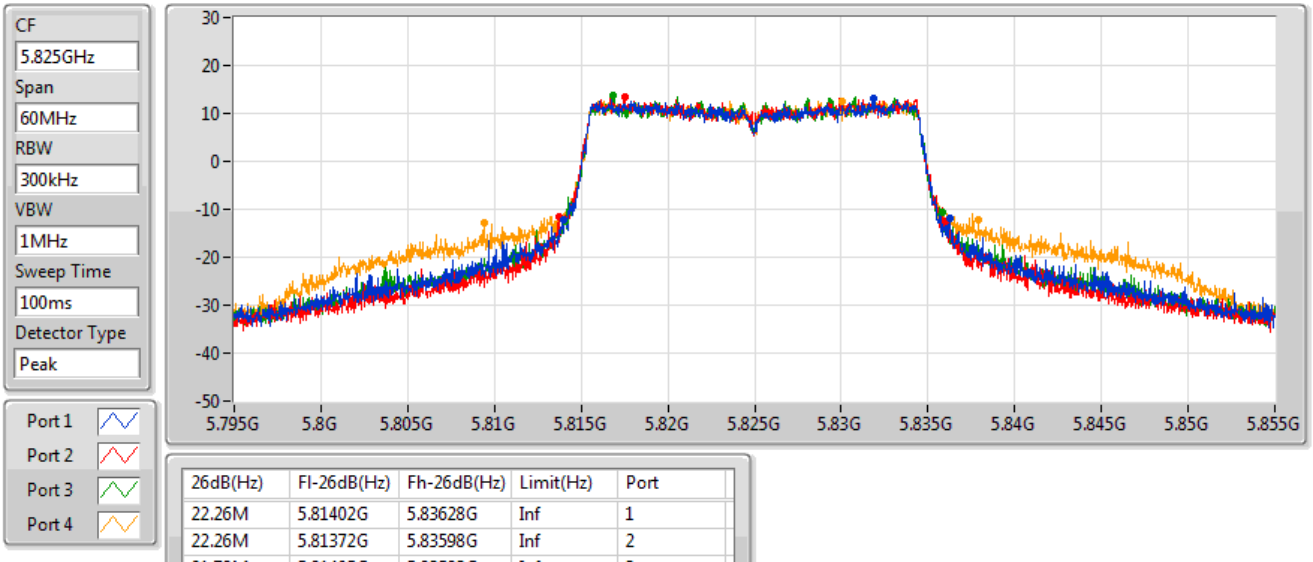




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.08M	5.81543G	5.83451G	19.13M	5.815405G	5.834535G	500k	1
19.02M	5.81546G	5.83448G	19.16M	5.815375G	5.834535G	500k	2
18.96M	5.81549G	5.83445G	19.16M	5.815375G	5.834535G	500k	3
19.05M	5.81543G	5.83448G	19.25M	5.815345G	5.834595G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

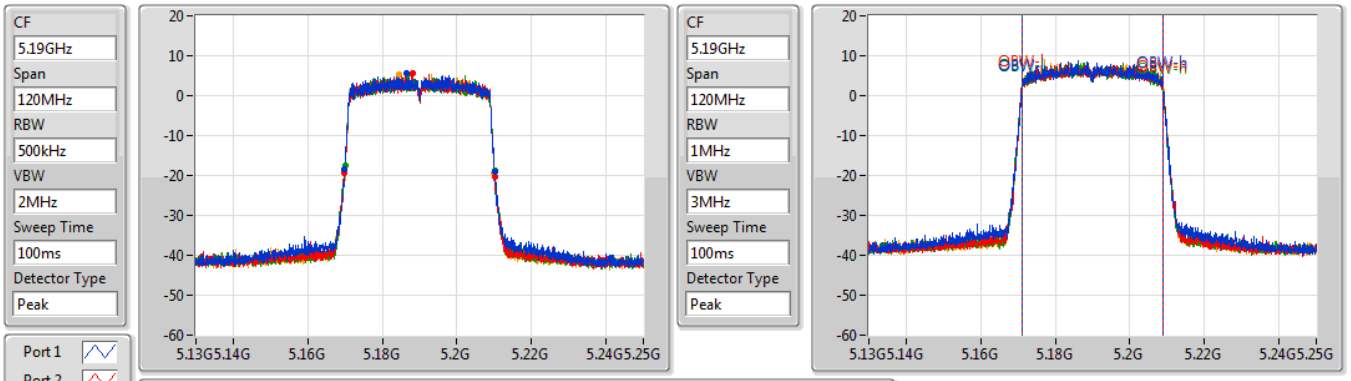
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.26M	5.81402G	5.83628G	Inf	1
22.26M	5.81372G	5.83598G	Inf	2
21.78M	5.81405G	5.83583G	Inf	3
28.47M	5.80943G	5.8379G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

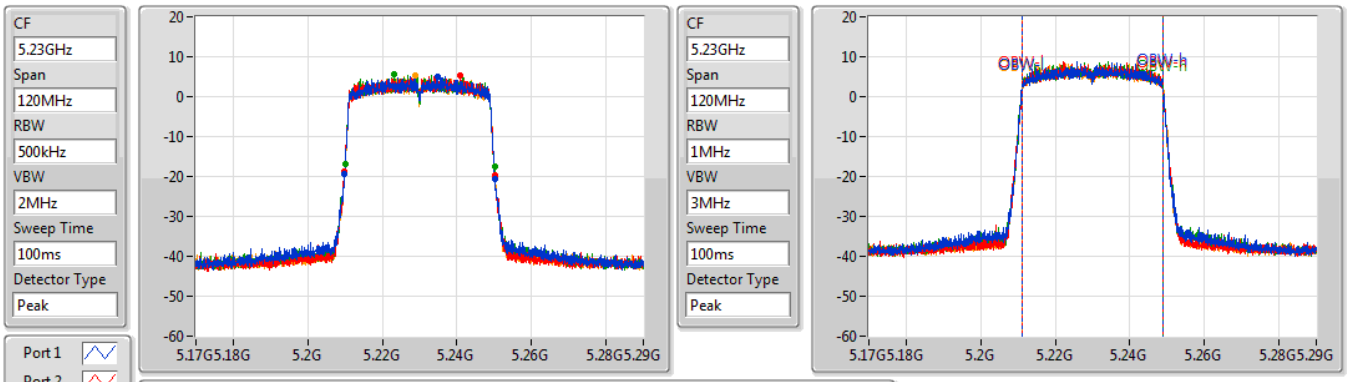
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.1699G	5.21016G	37.841M	5.171049G	5.208891G	Inf	1
40.32M	5.16978G	5.2101G	37.841M	5.171049G	5.208891G	Inf	2
40.14M	5.16996G	5.2101G	37.781M	5.171049G	5.208831G	Inf	3
40.2M	5.16984G	5.21004G	37.841M	5.171049G	5.208891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

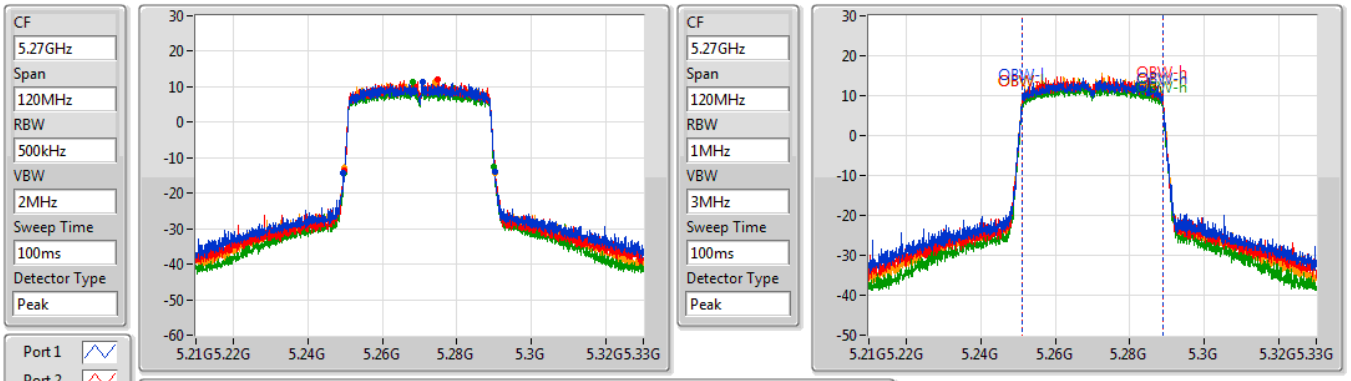
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.20972G	5.25022G	37.841M	5.211049G	5.248891G	Inf	1
40.26M	5.20984G	5.2501G	37.841M	5.211049G	5.248891G	Inf	2
40.14M	5.20996G	5.2501G	37.781M	5.211109G	5.248891G	Inf	3
40.56M	5.20978G	5.25034G	37.781M	5.211049G	5.248831G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

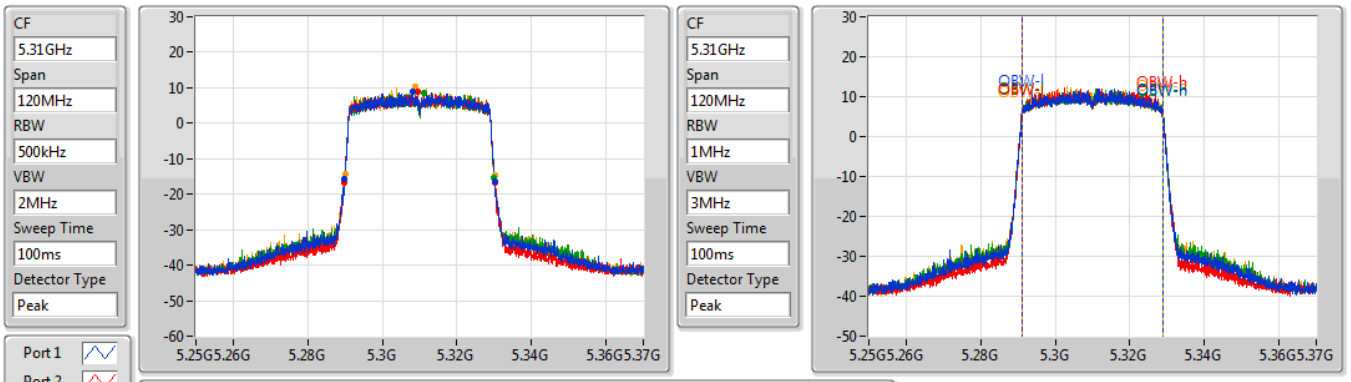
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.24954G	5.29016G	37.781M	5.251109G	5.288891G	Inf	1
40.44M	5.24984G	5.29028G	37.781M	5.251109G	5.288891G	Inf	2
40.08M	5.2499G	5.28998G	37.841M	5.251049G	5.288891G	Inf	3
40.32M	5.24984G	5.29016G	37.781M	5.251049G	5.288831G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

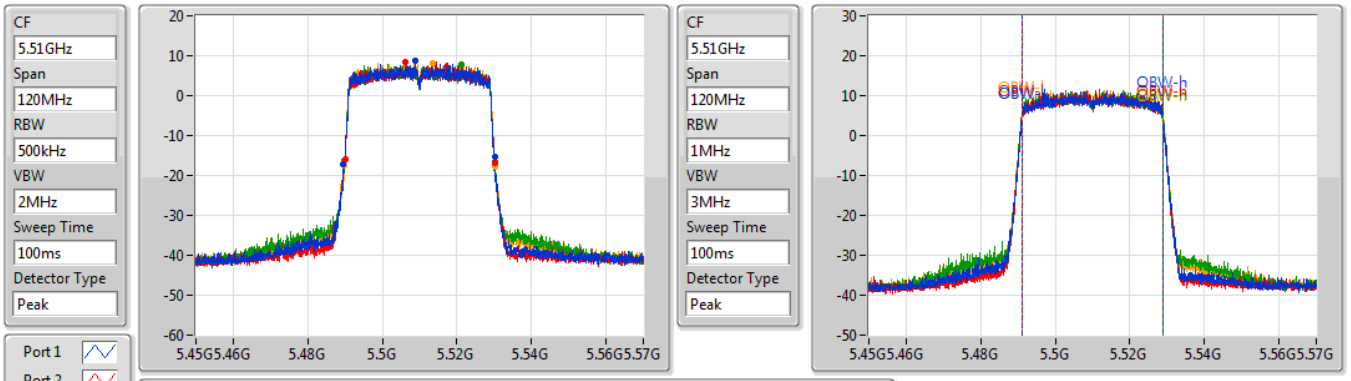
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.2899G	5.33016G	37.721M	5.291109G	5.328831G	Inf	1
40.44M	5.28972G	5.33016G	37.841M	5.291049G	5.328891G	Inf	2
40.26M	5.28978G	5.33004G	37.781M	5.291109G	5.328891G	Inf	3
40.26M	5.28996G	5.33022G	37.781M	5.291049G	5.328831G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

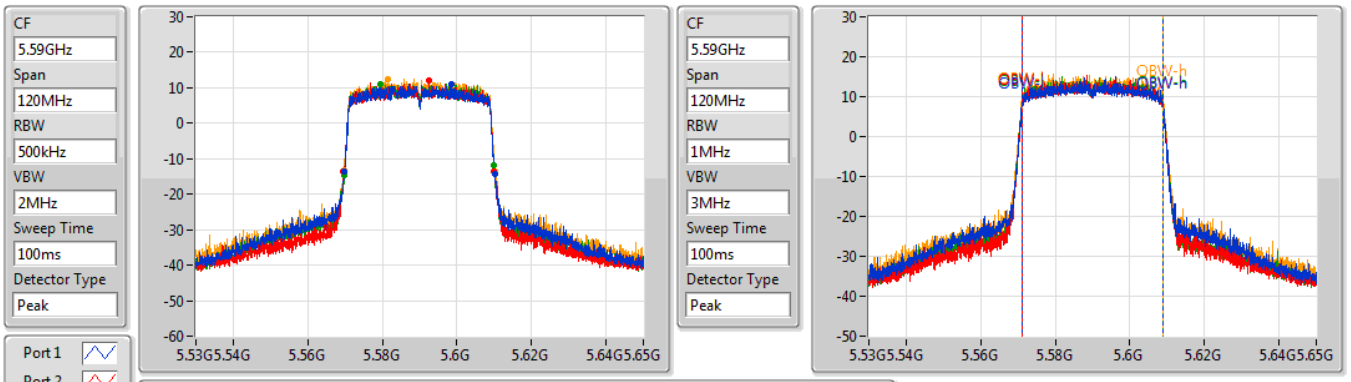
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.4896G	5.5301G	37.841M	5.491049G	5.528891G	Inf	1
40.2M	5.48996G	5.53016G	37.781M	5.491049G	5.528831G	Inf	2
40.5M	5.48972G	5.53022G	37.781M	5.491049G	5.528831G	Inf	3
40.68M	5.48966G	5.53034G	37.841M	5.491049G	5.528891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

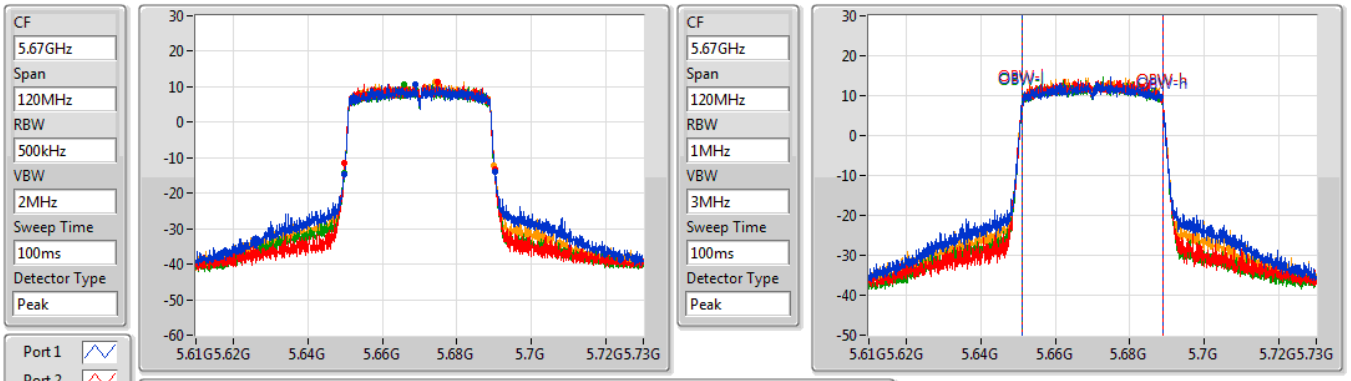
5590MHz



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	37.841M	5.571049G	5.608891G	Inf	1
40.44M	5.5696G	5.61004G	37.781M	5.571109G	5.608891G	Inf	2
40.38M	5.56966G	5.61004G	37.721M	5.571109G	5.608831G	Inf	3
40.62M	5.56972G	5.61034G	37.841M	5.571049G	5.608891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

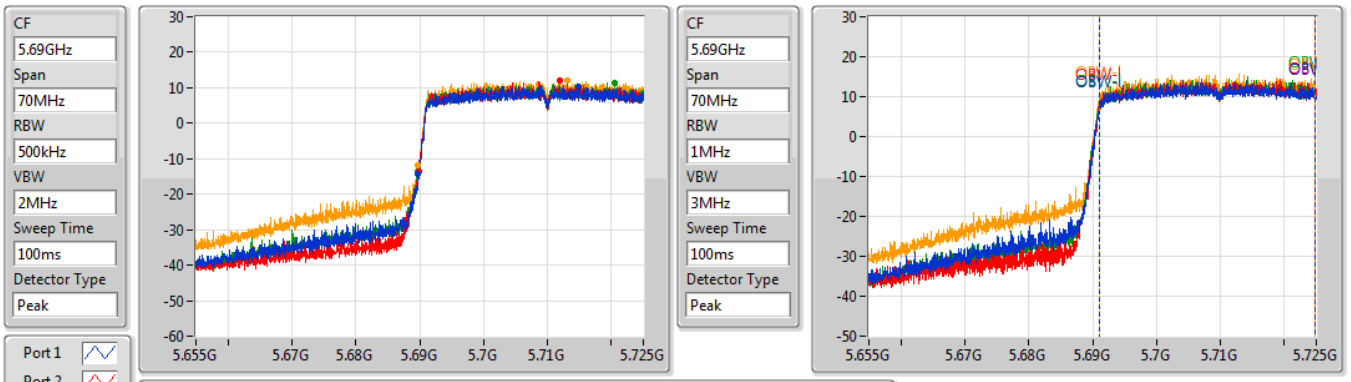
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.64966G	5.69022G	37.901M	5.65099G	5.688891G	Inf	1
40.38M	5.64978G	5.69016G	37.781M	5.651049G	5.688831G	Inf	2
40.56M	5.64966G	5.69022G	37.841M	5.651049G	5.688891G	Inf	3
40.26M	5.64978G	5.69004G	37.781M	5.651049G	5.688831G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

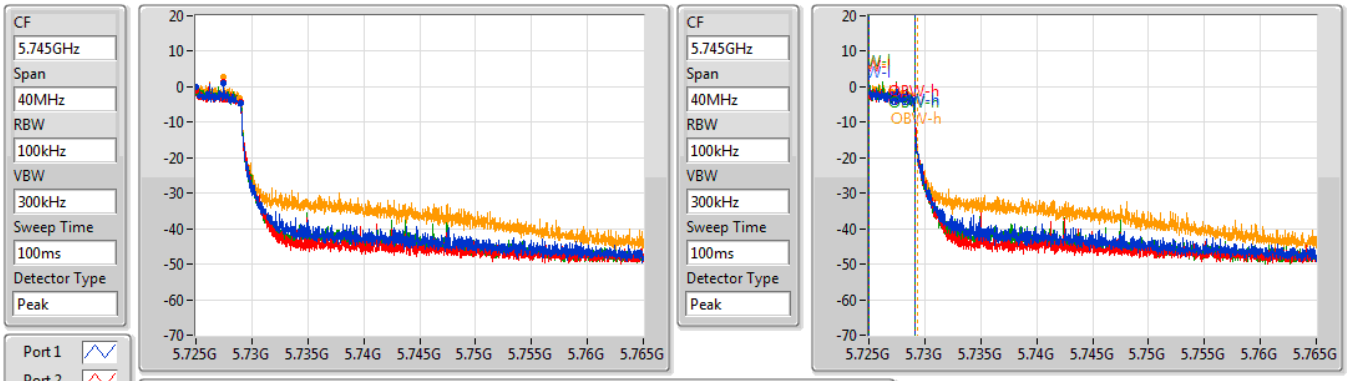
5710MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.21M	5.68979G	5.725G	33.758M	5.691014G	5.724773G	Inf	1
35.175M	5.689825G	5.725G	33.758M	5.691049G	5.724808G	Inf	2
35.21M	5.68979G	5.725G	33.793M	5.691014G	5.724808G	Inf	3
35.245M	5.689755G	5.725G	33.793M	5.69098G	5.724773G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

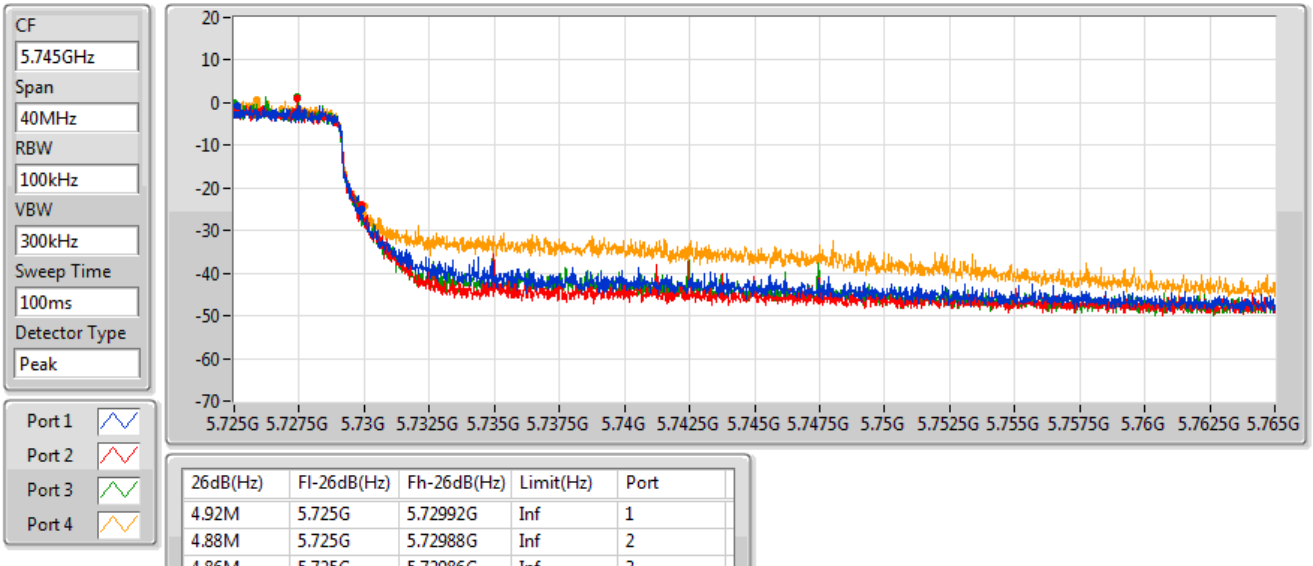
5710MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	4.118M	5.72503G	5.729148G	500k	1
3.96M	5.725G	5.72896G	4.158M	5.72501G	5.729168G	500k	2
4.04M	5.725G	5.72904G	4.138M	5.72501G	5.729148G	500k	3
3.94M	5.725G	5.72894G	4.318M	5.72501G	5.729328G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

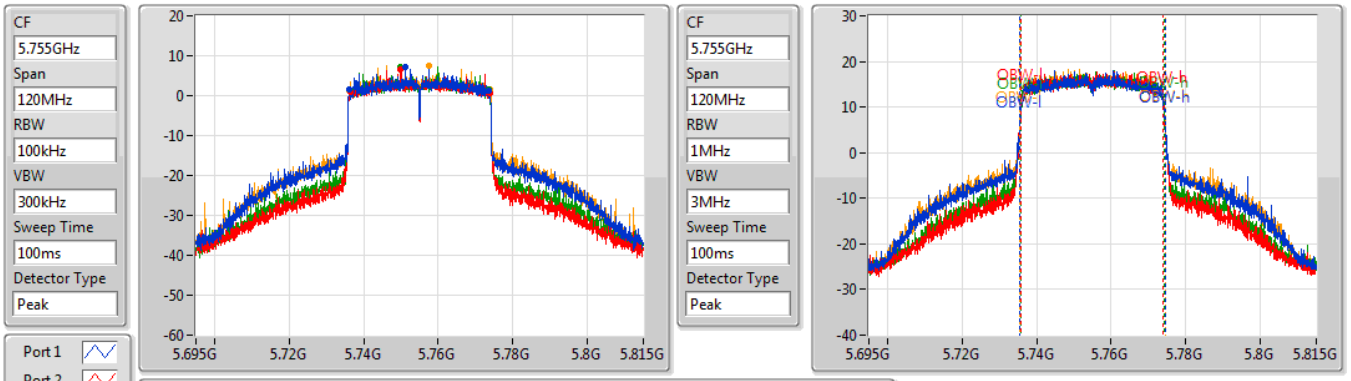
5710MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.92M	5.725G	5.72992G	Inf	1
4.88M	5.725G	5.72988G	Inf	2
4.86M	5.725G	5.72986G	Inf	3
4.98M	5.725G	5.72998G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

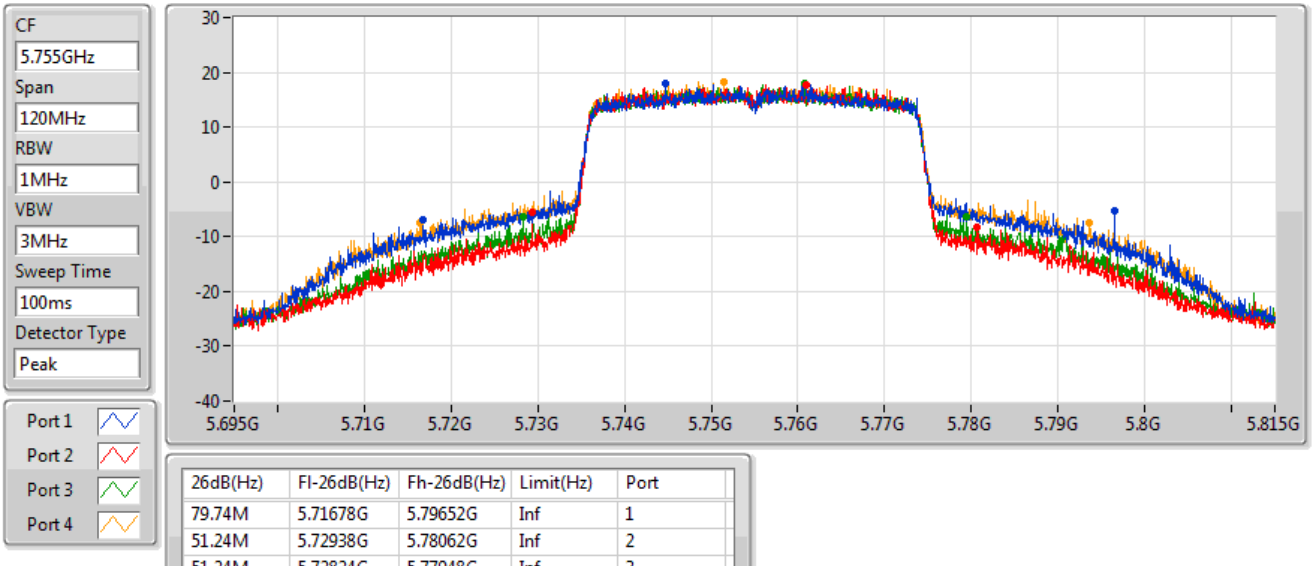
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.44M	5.73622G	5.77366G	38.921M	5.73551G	5.77443G	500k	1
37.26M	5.73652G	5.77378G	38.081M	5.73593G	5.77401G	500k	2
37.14M	5.73652G	5.77366G	38.201M	5.73587G	5.77407G	500k	3
37.74M	5.73622G	5.77396G	38.921M	5.73551G	5.77443G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

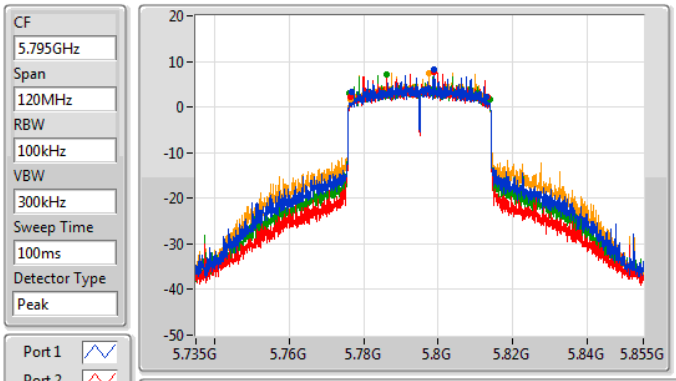
5755MHz

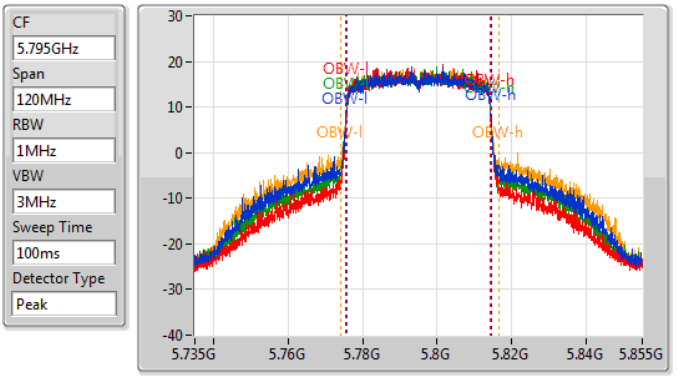


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
79.74M	5.71678G	5.79652G	Inf	1
51.24M	5.72938G	5.78062G	Inf	2
51.24M	5.72824G	5.77948G	Inf	3
77.16M	5.71648G	5.79364G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5795MHz

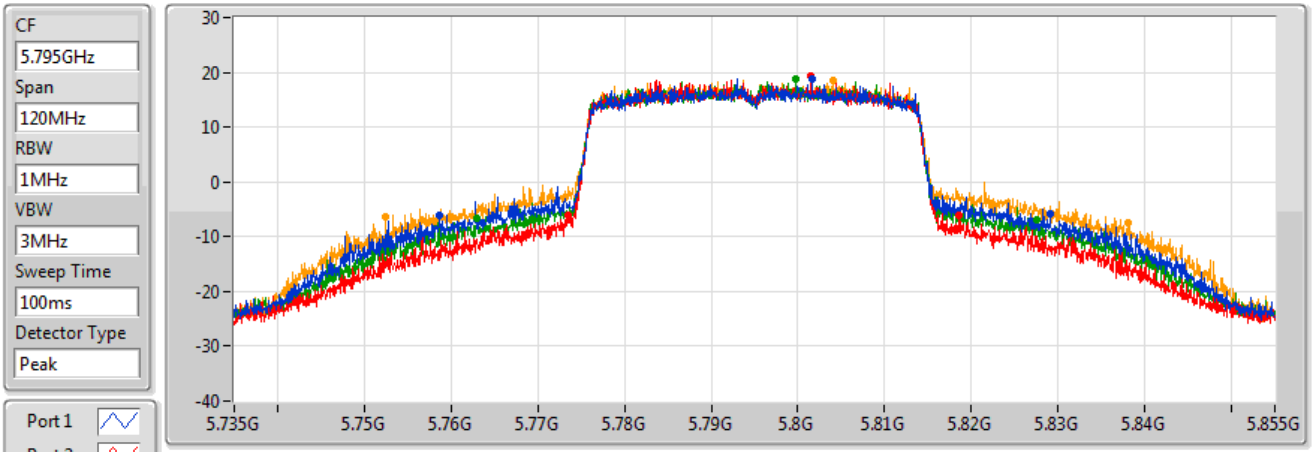




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.06M	5.77694G	5.813G	38.921M	5.77551G	5.81443G	500k	1
36.96M	5.77634G	5.8133G	38.141M	5.77593G	5.81407G	500k	2
37.68M	5.77616G	5.81384G	38.441M	5.77575G	5.81419G	500k	3
37.38M	5.77634G	5.81372G	42.399M	5.77401G	5.816409G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

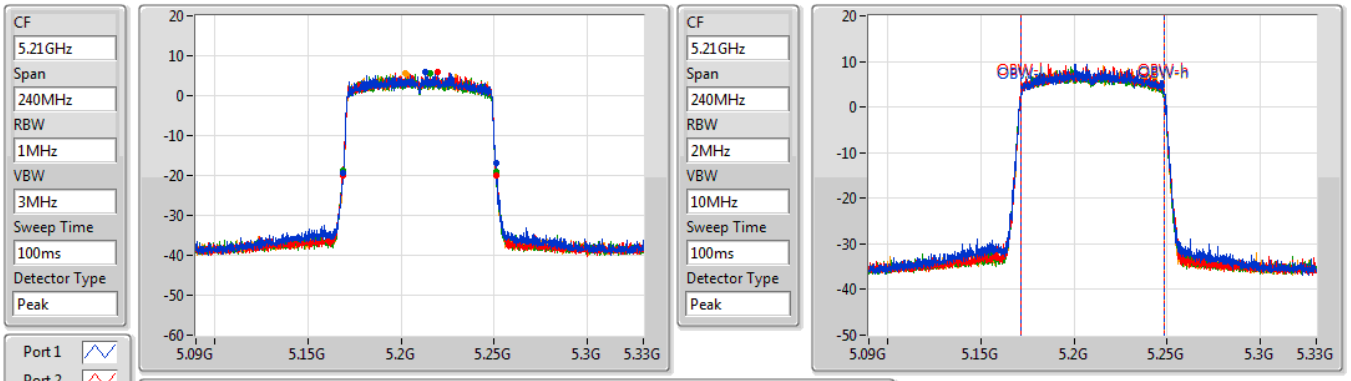
5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
70.38M	5.7587G	5.82908G	Inf	1
45.18M	5.77346G	5.81864G	Inf	2
64.68M	5.7629G	5.82758G	Inf	3
85.56M	5.75246G	5.83802G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

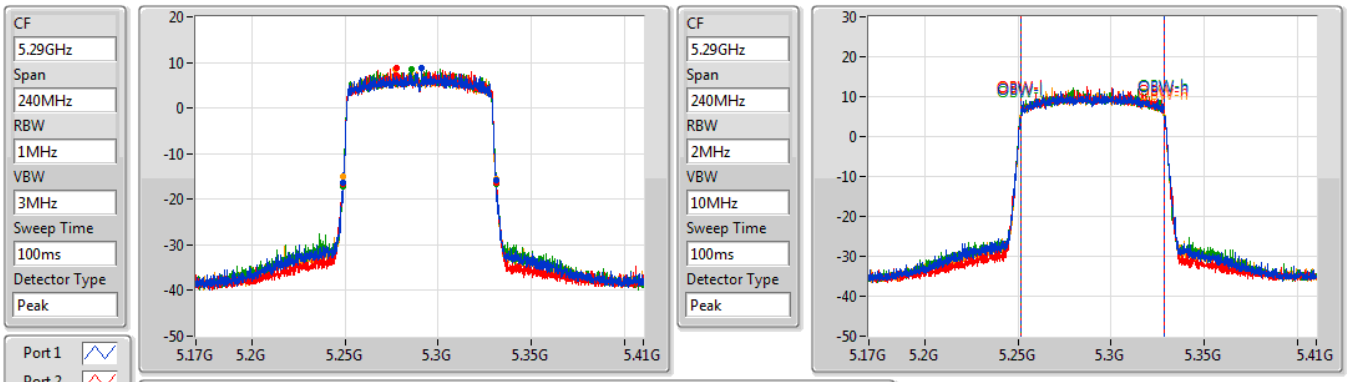
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.16884G	5.25104G	77.481M	5.171259G	5.248741G	Inf	1
82.32M	5.16884G	5.25116G	77.361M	5.171379G	5.248741G	Inf	2
82.44M	5.16896G	5.2514G	77.361M	5.171259G	5.248621G	Inf	3
82.2M	5.16884G	5.25104G	77.361M	5.171259G	5.248621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

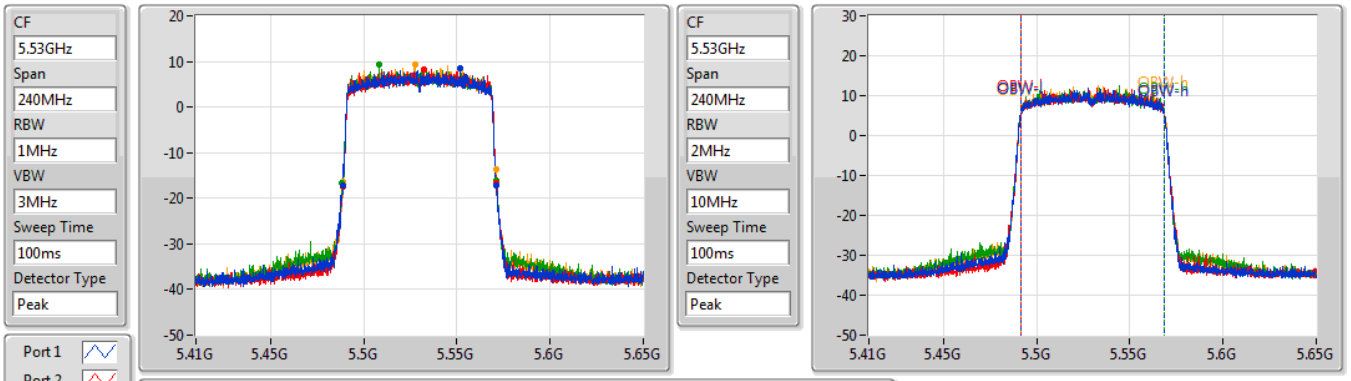
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.24908G	5.33128G	77.361M	5.251379G	5.328741G	Inf	1
82.68M	5.24872G	5.3314G	77.241M	5.251379G	5.328621G	Inf	2
82.32M	5.24884G	5.33116G	77.481M	5.251259G	5.328741G	Inf	3
81.84M	5.24908G	5.33092G	77.481M	5.251259G	5.328741G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

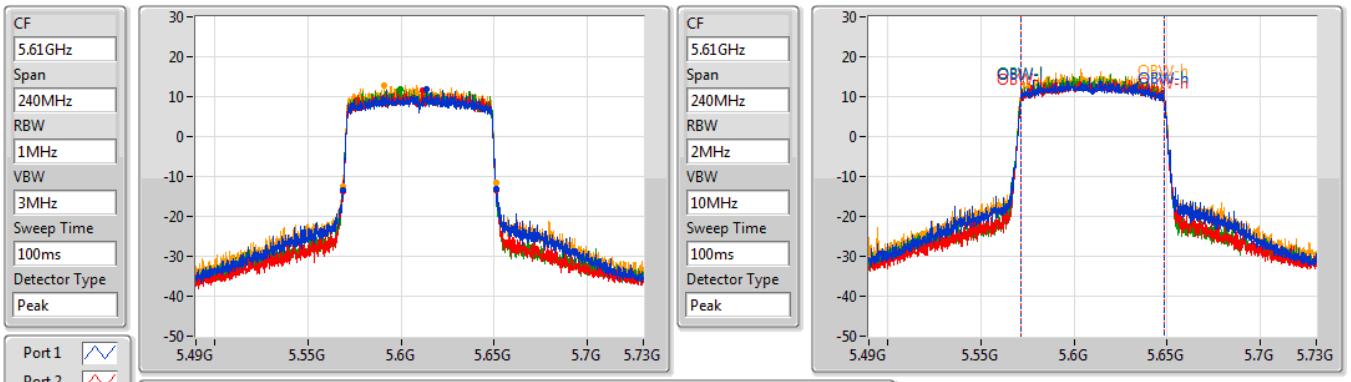
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.48872G	5.57128G	77.361M	5.491259G	5.568621G	Inf	1
82.44M	5.48872G	5.57116G	77.361M	5.491379G	5.568741G	Inf	2
82.56M	5.48848G	5.57104G	77.361M	5.491259G	5.568621G	Inf	3
82.08M	5.48872G	5.5708G	77.361M	5.491259G	5.568621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

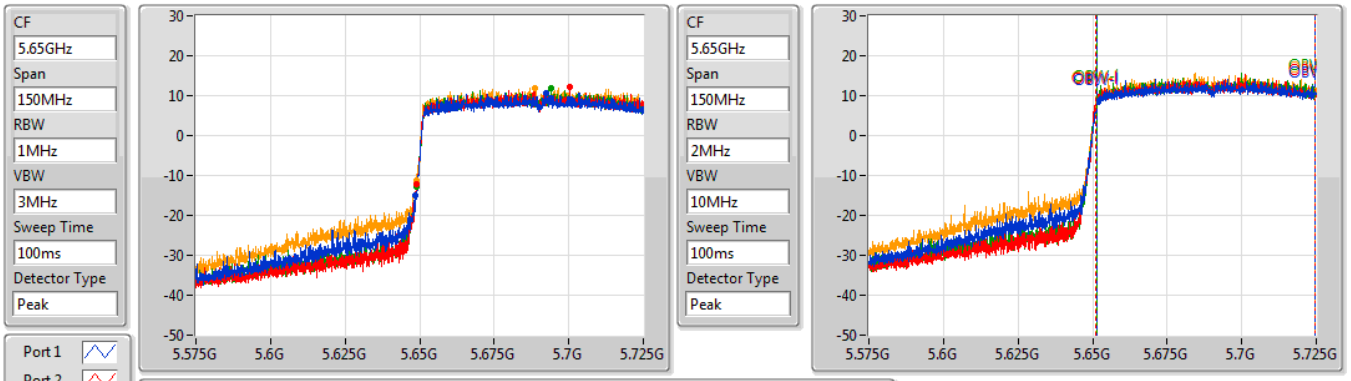
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.56872G	5.65104G	77.481M	5.571259G	5.648741G	Inf	1
82.44M	5.56872G	5.65116G	77.361M	5.571259G	5.648621G	Inf	2
82.56M	5.5686G	5.65116G	77.361M	5.571259G	5.648621G	Inf	3
82.2M	5.56872G	5.65092G	77.361M	5.571259G	5.648621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

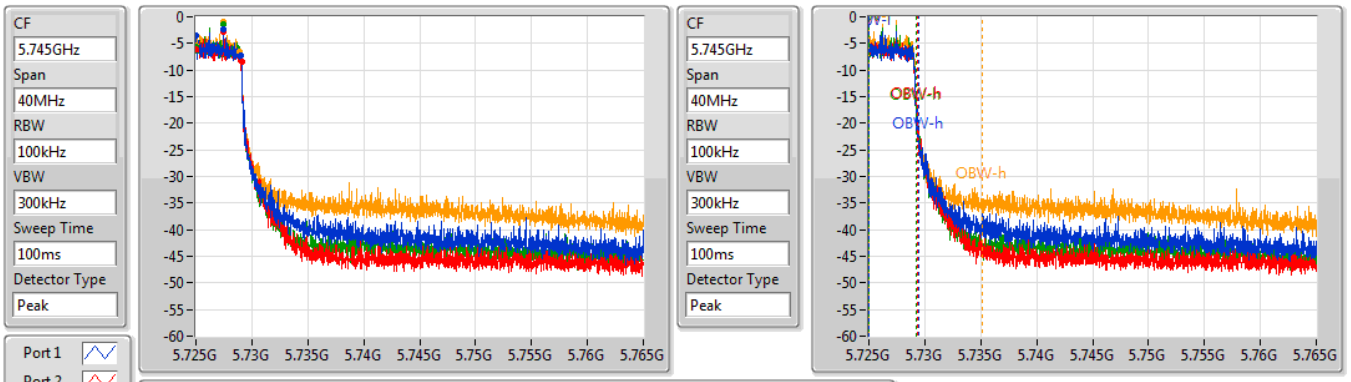
5690MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.575M	5.648425G	5.725G	73.238M	5.651274G	5.724513G	Inf	1
76.05M	5.64895G	5.725G	73.313M	5.651199G	5.724513G	Inf	2
76.2M	5.6488G	5.725G	73.238M	5.651274G	5.724513G	Inf	3
76.125M	5.648875G	5.725G	73.313M	5.651199G	5.724513G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz



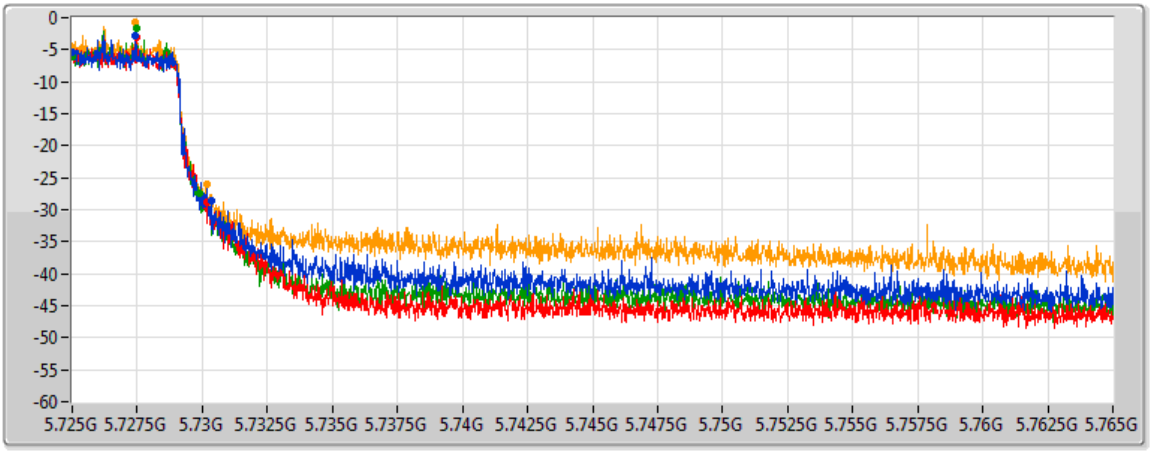
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.725G	5.729G	4.458M	5.72501G	5.729468G	500k	1
4.1M	5.725G	5.7291G	4.318M	5.72501G	5.729328G	500k	2
3.96M	5.725G	5.72896G	4.238M	5.72503G	5.729268G	500k	3
3.94M	5.725G	5.72894G	10.135M	5.72501G	5.735145G	500k	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

CF	5.745GHz
Span	40MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



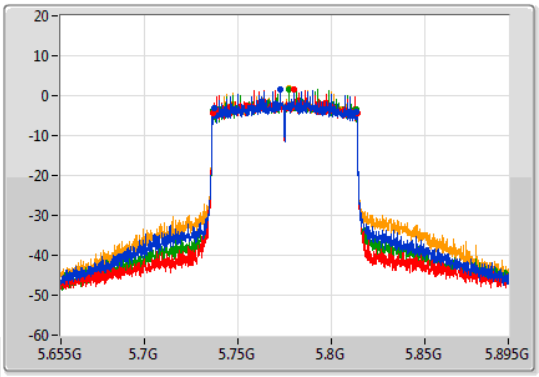
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.34M	5.725G	5.73034G	Inf	1
5.16M	5.725G	5.73016G	Inf	2
4.9M	5.725G	5.7299G	Inf	3
5.16M	5.725G	5.73016G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

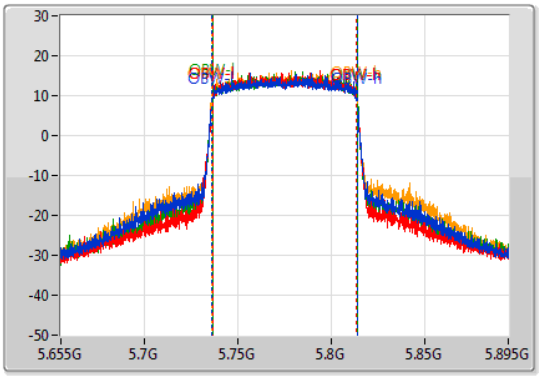
5775MHz

CF	5.775GHz
Span	240MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



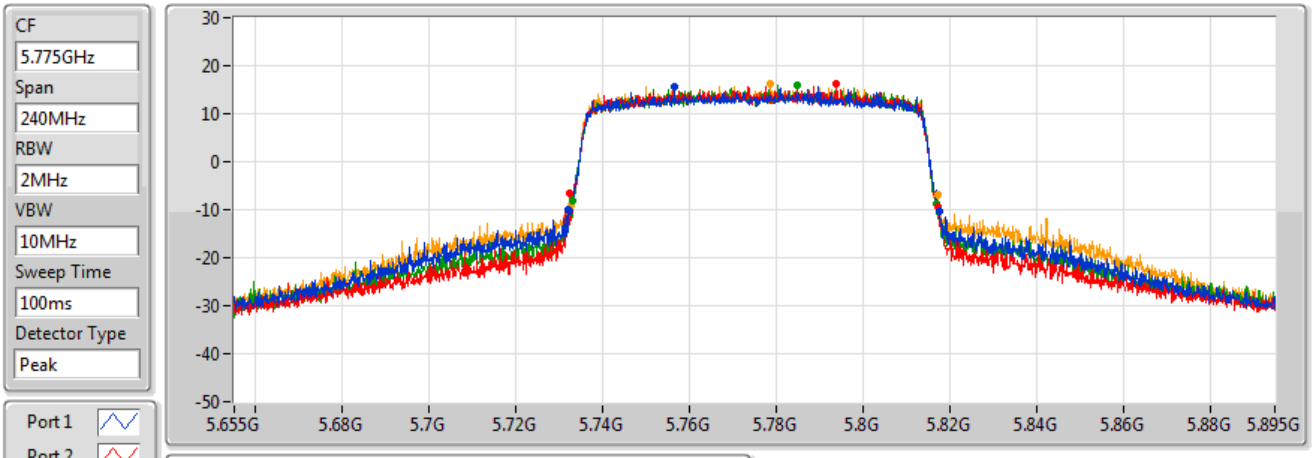
CF	5.775GHz
Span	240MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.08M	5.73708G	5.81316G	77.721M	5.736139G	5.813861G	500k	1
77.4M	5.73648G	5.81388G	77.361M	5.736259G	5.813621G	500k	2
76.68M	5.7366G	5.81328G	77.601M	5.736259G	5.813861G	500k	3
77.4M	5.73624G	5.81364G	77.721M	5.736139G	5.813861G	500k	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

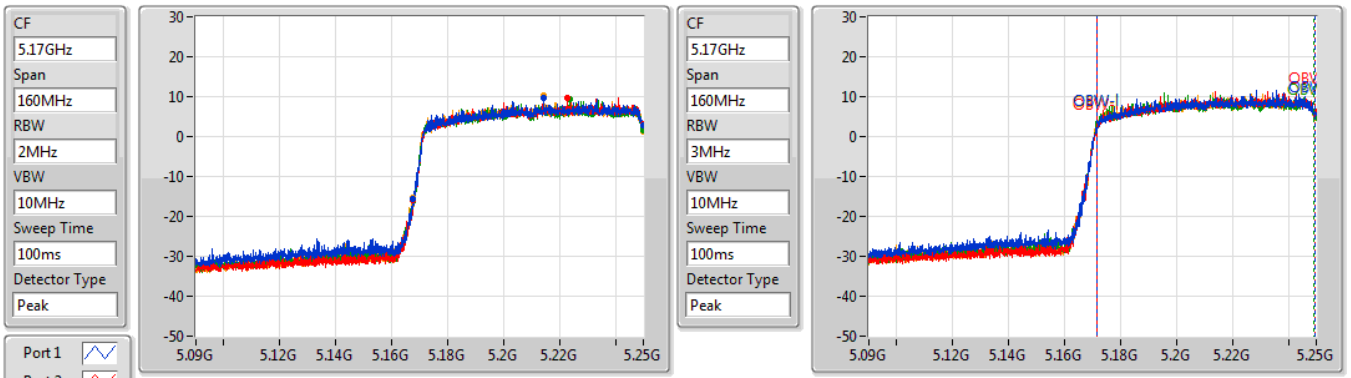
5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
85.68M	5.73204G	5.81772G	Inf	1
84.84M	5.7324G	5.81724G	Inf	2
84.12M	5.733G	5.81712G	Inf	3
84.48M	5.73276G	5.81724G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

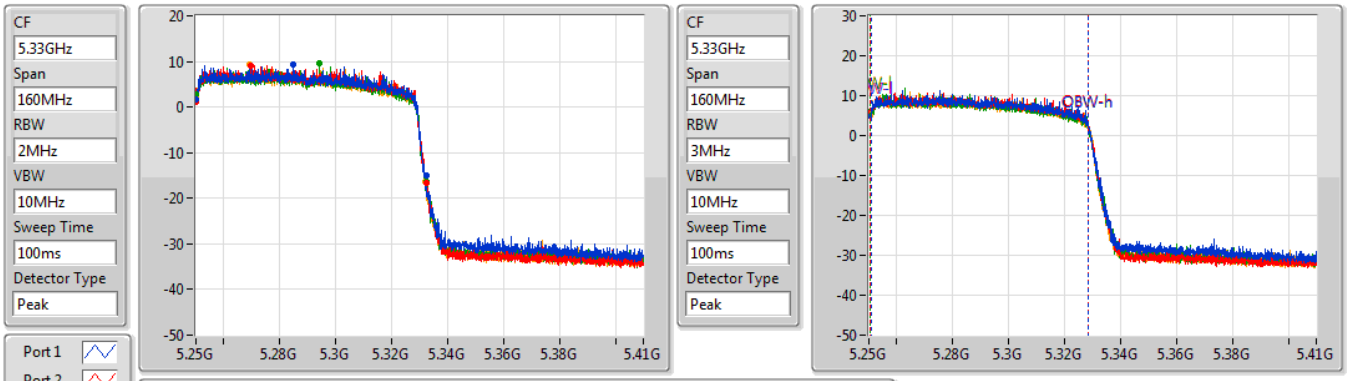
5250MHz Straddle 5.15-5.25GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.1676G	5.25G	78.041M	5.171359G	5.2494G	Inf	1
82.24M	5.16776G	5.25G	77.961M	5.171519G	5.24948G	Inf	2
82.56M	5.16744G	5.25G	77.961M	5.171359G	5.24932G	Inf	3
82.24M	5.16776G	5.25G	77.961M	5.171359G	5.24932G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

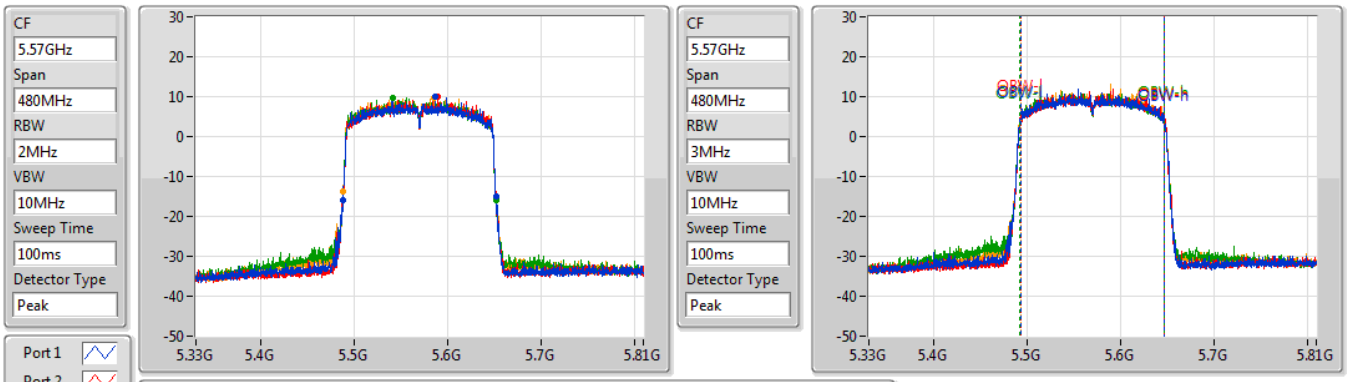
5250MHz Straddle 5.25-5.35GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.25G	5.3324G	77.801M	5.25068G	5.328481G	Inf	1
82.4M	5.25G	5.3324G	77.881M	5.2506G	5.328481G	Inf	2
82.24M	5.25G	5.33224G	77.961M	5.25052G	5.328481G	Inf	3
81.92M	5.25G	5.33192G	77.961M	5.2506G	5.328561G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

5570MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.16M	5.48744G	5.6516G	154.723M	5.492519G	5.647241G	Inf	1
165.12M	5.4872G	5.65232G	154.963M	5.492519G	5.647481G	Inf	2
163.92M	5.48792G	5.65184G	154.963M	5.492279G	5.647241G	Inf	3
164.64M	5.48792G	5.65256G	154.723M	5.492519G	5.647241G	Inf	4

Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	17.85	0.06095	23.18	0.20797
802.11ax HEW20_Nss4,(MCS0)_4TX	17.69	0.05875	23.02	0.20045
802.11ax HEW40_Nss4,(MCS0)_4TX	17.68	0.05861	23.01	0.19999
802.11ax HEW80_Nss4,(MCS0)_4TX	17.66	0.05834	22.99	0.19907
802.11ax HEW160_Nss4,(MCS0)_4TX	17.64	0.05808	22.97	0.19815
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	17.07	0.05093	22.56	0.18030
802.11ax HEW20_Nss4,(MCS0)_4TX	23.73	0.23605	29.22	0.83560
802.11ax HEW40_Nss4,(MCS0)_4TX	23.52	0.22491	29.01	0.79616
802.11ax HEW80_Nss4,(MCS0)_4TX	20.36	0.10864	25.85	0.38459
802.11ax HEW160_Nss4,(MCS0)_4TX	17.52	0.05649	23.01	0.19999
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	17.38	0.05470	23.34	0.21577
802.11ax HEW20_Nss4,(MCS0)_4TX	23.70	0.23442	29.66	0.92470
802.11ax HEW40_Nss4,(MCS0)_4TX	23.73	0.23605	29.69	0.93111
802.11ax HEW80_Nss4,(MCS0)_4TX	23.83	0.24155	29.79	0.95280
802.11ax HEW160_Nss4,(MCS0)_4TX	20.62	0.11535	26.58	0.45499
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.04	0.40179	31.79	1.51008
802.11ax HEW20_Nss4,(MCS0)_4TX	26.01	0.39902	31.76	1.49968
802.11ax HEW40_Nss4,(MCS0)_4TX	27.52	0.56494	33.27	2.12324
802.11ax HEW80_Nss4,(MCS0)_4TX	24.32	0.27040	30.07	1.01625

Result

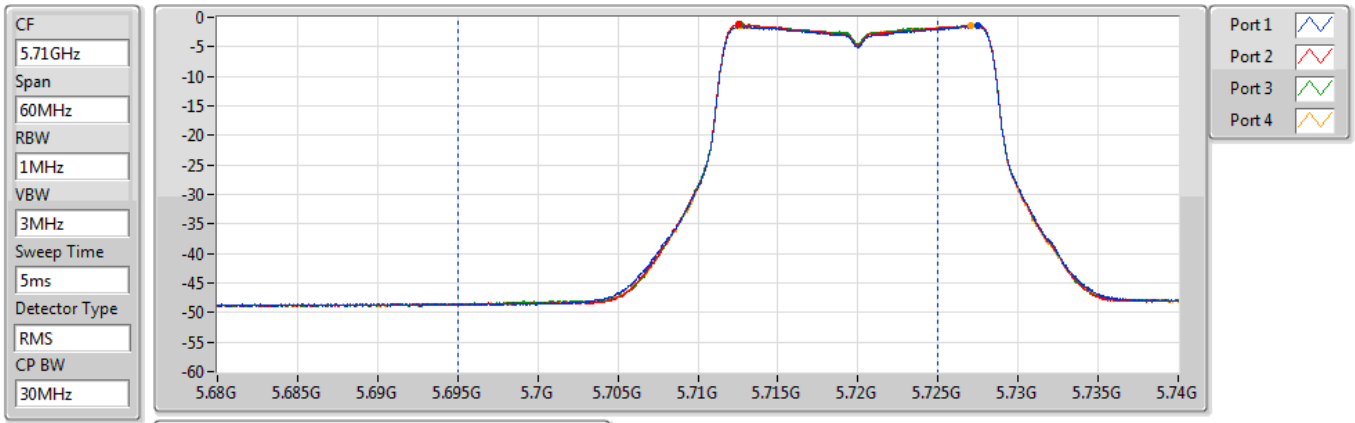
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.33	11.87	11.46	11.82	11.87	17.78	30.00	23.11	36.00
5200MHz	Pass	5.33	11.97	11.59	11.92	11.84	17.85	30.00	23.18	36.00
5240MHz	Pass	5.33	11.88	11.66	11.79	11.82	17.81	30.00	23.14	36.00
5260MHz	Pass	5.49	10.82	10.87	10.94	10.76	16.87	24.00	22.36	30.00
5300MHz	Pass	5.49	11.05	11.12	11.25	10.78	17.07	24.00	22.56	30.00
5320MHz	Pass	5.49	11.06	11.09	11.27	10.63	17.04	24.00	22.53	30.00
5500MHz	Pass	5.96	11.17	11.25	11.57	11.45	17.38	24.00	23.34	30.00
5580MHz	Pass	5.96	11.01	10.97	11.46	11.25	17.20	24.00	23.16	30.00
5700MHz	Pass	5.96	11.13	11.16	11.15	11.18	17.18	24.00	23.14	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.96	9.99	10.22	10.32	10.15	16.19	22.79	22.15	28.79
5720MHz Straddle 5.725-5.85GHz	Pass	5.75	4.66	4.82	4.79	4.59	10.74	30.00	16.49	36.00
5745MHz	Pass	5.75	19.83	19.56	19.66	19.72	25.71	30.00	31.46	36.00
5785MHz	Pass	5.75	20.09	19.97	20.05	19.96	26.04	30.00	31.79	36.00
5825MHz	Pass	5.75	19.66	19.52	19.65	19.34	25.57	30.00	31.32	36.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.33	11.81	11.24	11.75	11.86	17.69	30.00	23.02	36.00
5200MHz	Pass	5.33	11.76	11.22	11.63	11.92	17.66	30.00	22.99	36.00
5240MHz	Pass	5.33	11.75	11.39	11.55	11.63	17.60	30.00	22.93	36.00
5260MHz	Pass	5.49	17.91	17.74	17.01	18.02	23.71	24.00	29.20	30.00
5300MHz	Pass	5.49	17.84	17.64	17.15	17.84	23.65	24.00	29.14	30.00
5320MHz	Pass	5.49	17.91	17.82	17.26	17.83	23.73	24.00	29.22	30.00
5500MHz	Pass	5.96	17.71	17.62	17.29	18.02	23.69	24.00	29.65	30.00
5580MHz	Pass	5.96	17.35	17.22	17.67	18.38	23.70	24.00	29.66	30.00
5700MHz	Pass	5.96	16.55	16.46	16.65	16.94	22.67	24.00	28.63	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.96	15.58	15.73	15.95	16.89	22.09	23.00	28.05	29.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.75	11.24	11.43	11.65	12.6	17.78	30.00	23.53	36.00
5745MHz	Pass	5.75	19.52	19.34	19.66	19.76	25.59	30.00	31.34	36.00
5785MHz	Pass	5.75	19.95	19.74	20.09	20.17	26.01	30.00	31.76	36.00
5825MHz	Pass	5.75	20.02	19.78	20.02	19.75	25.91	30.00	31.66	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.33	11.62	11.29	11.65	11.77	17.61	30.00	22.94	36.00
5230MHz	Pass	5.33	11.66	11.36	11.95	11.63	17.68	30.00	23.01	36.00
5270MHz	Pass	5.49	17.85	17.55	16.96	17.58	23.52	24.00	29.01	30.00
5310MHz	Pass	5.49	14.87	14.77	14.95	14.85	20.88	24.00	26.37	30.00
5510MHz	Pass	5.96	14.27	14.11	14.65	14.57	20.43	24.00	26.39	30.00
5590MHz	Pass	5.96	17.23	17.15	17.83	18.49	23.73	24.00	29.69	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5670MHz	Pass	5.96	17.29	17.14	17.27	17.22	23.25	24.00	29.21	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.96	16.94	17.24	17.35	18.4	23.54	24.00	29.50	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.75	6.62	6.78	6.99	7.96	13.14	30.00	18.89	36.00
5755MHz	Pass	5.75	21.06	20.63	21.12	21.17	27.02	30.00	32.77	36.00
5795MHz	Pass	5.75	21.63	21.17	21.62	21.55	27.52	30.00	33.27	36.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.33	11.77	11.52	11.59	11.66	17.66	30.00	22.99	36.00
5290MHz	Pass	5.49	14.33	14.27	14.49	14.26	20.36	24.00	25.85	30.00
5530MHz	Pass	5.96	14.26	14.08	14.54	14.43	20.35	24.00	26.31	30.00
5610MHz	Pass	5.96	17.28	17.21	18.01	18.59	23.83	24.00	29.79	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.96	17.22	17.33	17.5	18.31	23.63	24.00	29.59	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.75	3.28	3.23	3.59	4.38	9.67	30.00	15.42	36.00
5775MHz	Pass	5.75	18.34	18.06	18.56	18.23	24.32	30.00	30.07	36.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.33	11.76	11.4	11.72	11.59	17.64	30.00	22.97	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.49	11.78	11.52	11.45	11.23	17.52	24.00	23.01	30.00
5570MHz	Pass	5.96	14.73	14.21	14.72	14.73	20.62	24.00	26.58	30.00

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

802.11a_Nss1,(6Mbps)_4TX AV Power

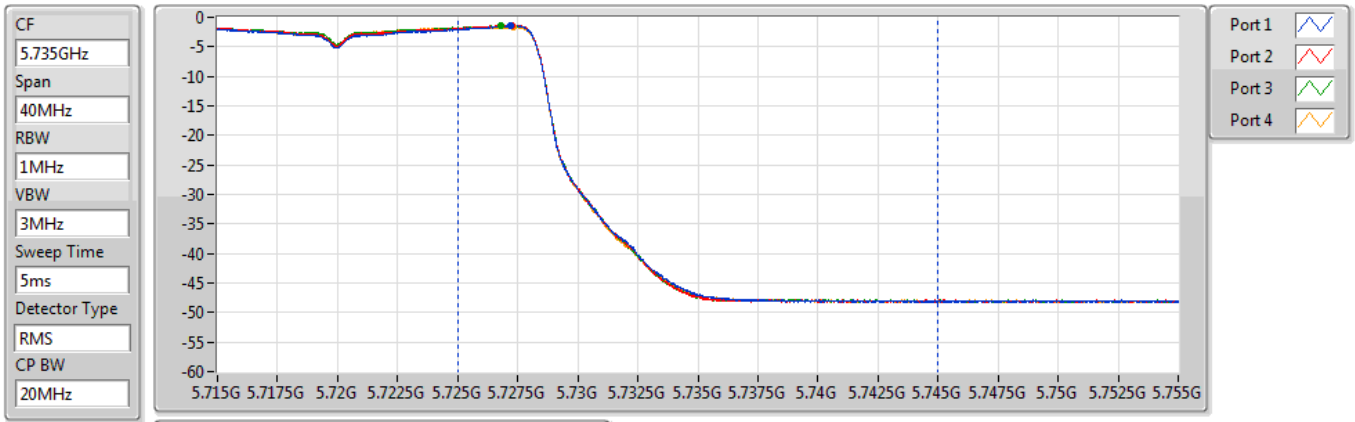
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.19	9.99	10.22	10.32	10.15

802.11a_Nss1,(6Mbps)_4TX AV Power

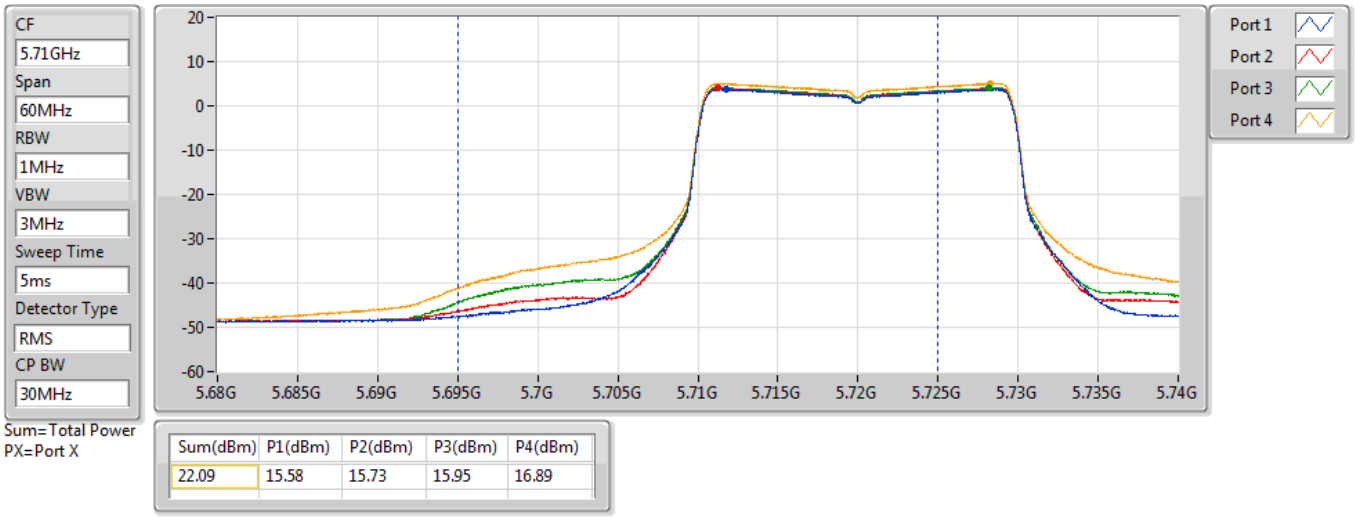
5720MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.74	4.66	4.82	4.79	4.59

802.11ax HEW20_Nss4,(MCS0)_4TX AV Power

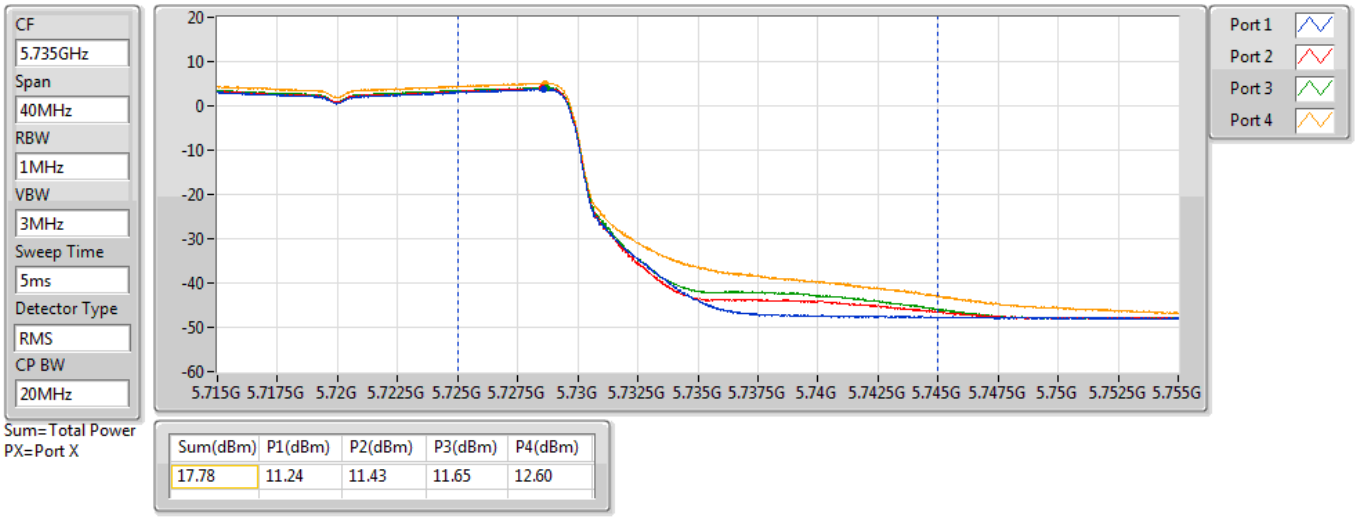
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.09	15.58	15.73	15.95	16.89

802.11ax HEW20_Nss4,(MCS0)_4TX AV Power

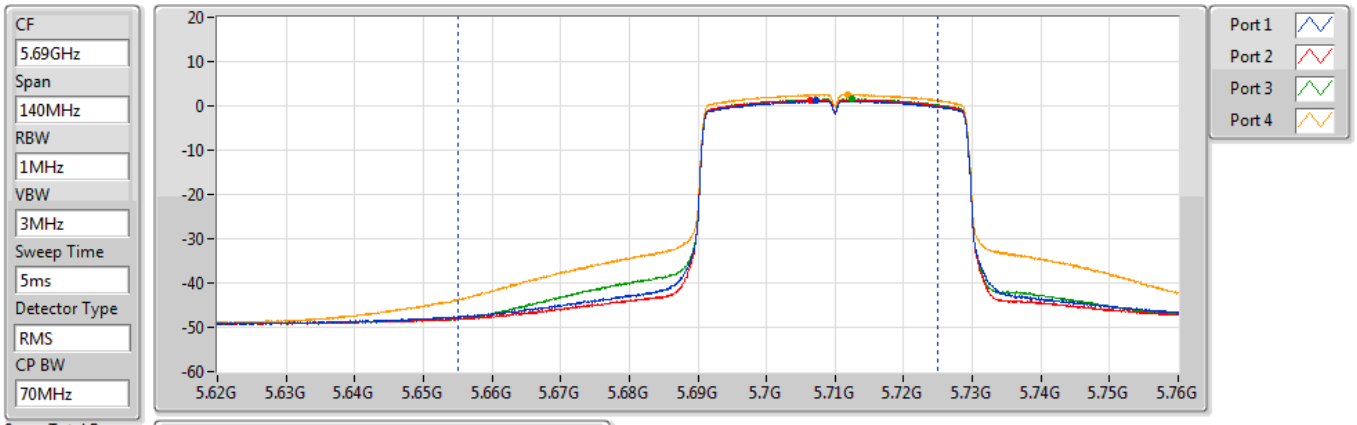
5720MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.78	11.24	11.43	11.65	12.60

802.11ax HEW40_Nss4,(MCS0)_4TX AV Power

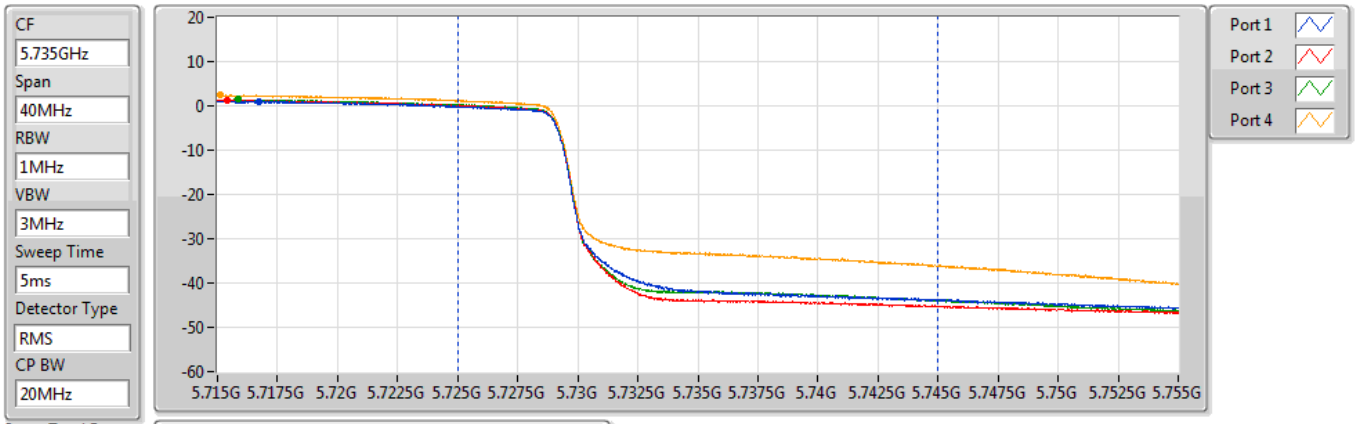
5710MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.54	16.94	17.24	17.35	18.40

802.11ax HEW40_Nss4,(MCS0)_4TX AV Power

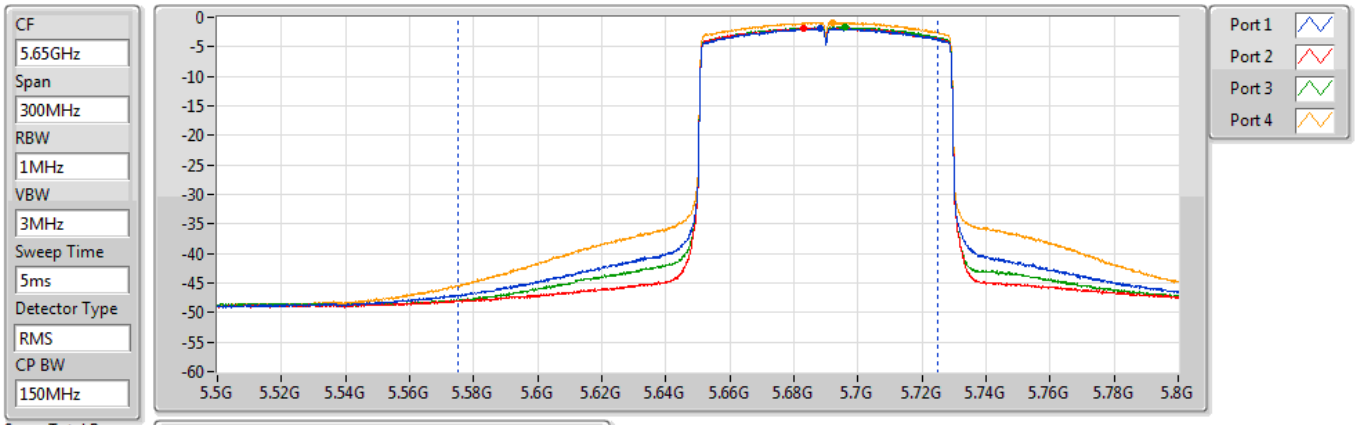
5710MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.14	6.62	6.78	6.99	7.96

802.11ax HEW80_Nss4,(MCS0)_4TX AV Power

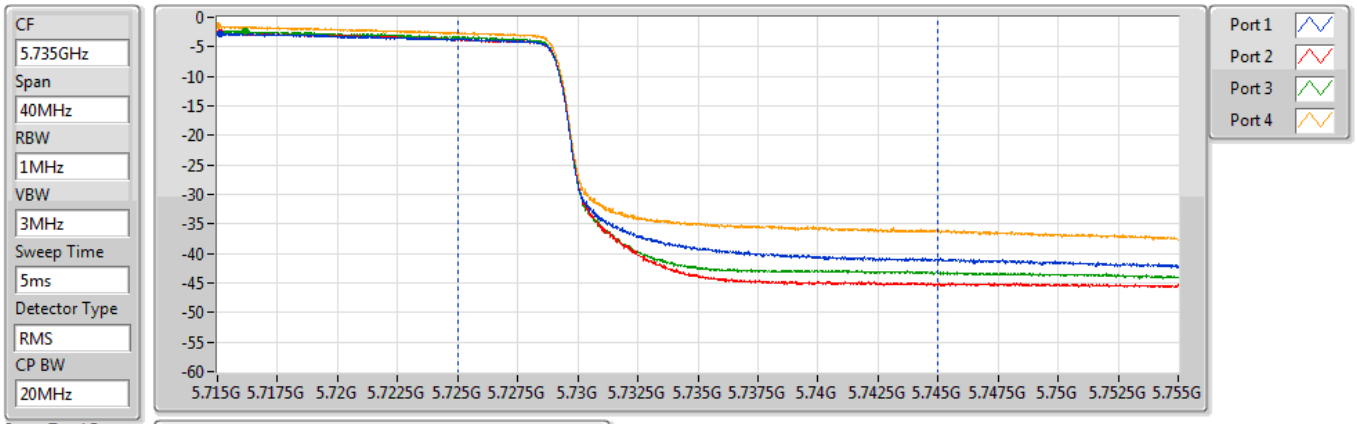
5690MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.63	17.22	17.33	17.50	18.31

802.11ax HEW80_Nss4,(MCS0)_4TX AV Power

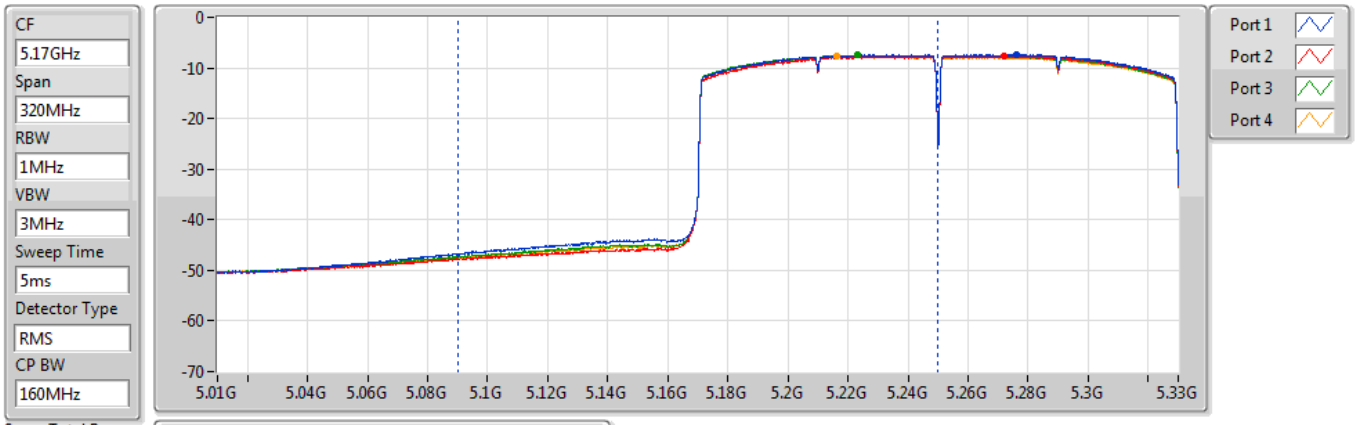
5690MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.67	3.28	3.23	3.59	4.38

802.11ax HEW160_Nss4,(MCS0)_4TX AV Power

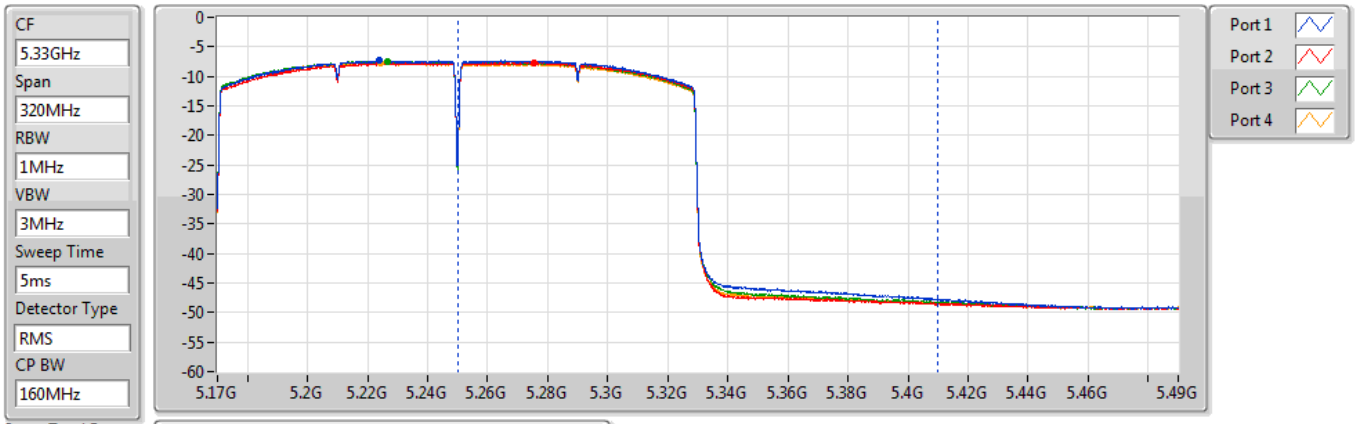
5250MHz Straddle 5.15-5.25GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.64	11.76	11.40	11.72	11.59

802.11ax HEW160_Nss4,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.52	11.78	11.52	11.45	11.23

Non-beamforming mode

Mode	Result	Gain-Elevation 30° (dBi)	Total Power (dBm)	EIRP-Elevation 30° (dBm)	EIRP Limit- Elevation 30° (dBm)
802.11a_Nss1,(6Mbps)_4TX_5180MHz	Pass	2.75	17.78	20.53	21.00
802.11a_Nss1,(6Mbps)_4TX_5200MHz	Pass	2.75	17.85	20.60	21.00
802.11a_Nss1,(6Mbps)_4TX_5240MHz	Pass	2.75	17.81	20.56	21.00
802.11ax HEW20_Nss4,(MCS0)_4TX_5180MHz	Pass	2.75	17.69	20.44	21.00
802.11ax HEW20_Nss4,(MCS0)_4TX_5200MHz	Pass	2.75	17.66	20.41	21.00
802.11ax HEW20_Nss4,(MCS0)_4TX_5240MHz	Pass	2.75	17.60	20.35	21.00
802.11ax HEW40_Nss4,(MCS0)_4TX_5190MHz	Pass	2.75	17.61	20.36	21.00
802.11ax HEW40_Nss4,(MCS0)_4TX_5230MHz	Pass	2.75	17.68	20.43	21.00
802.11ax HEW80_Nss4,(MCS0)_4TX_5210MHz	Pass	2.75	17.66	20.41	21.00
802.11ax HEW160_Nss4,(MCS0)_4TX_5250MHz Straddle 5.15-5.25GHz	Pass	2.75	17.64	20.39	21.00

Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	11.67	0.01469	17.00	0.05012
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	11.66	0.01466	16.99	0.05000
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	11.64	0.01459	16.97	0.04977
802.11ax HEW160-BF_Nss4,(MCS0)_4TX	11.62	0.01452	16.95	0.04955
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	17.71	0.05902	23.20	0.20893
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	17.50	0.05623	22.99	0.19907
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	14.34	0.02716	19.83	0.09616
802.11ax HEW160-BF_Nss4,(MCS0)_4TX	11.50	0.01413	16.99	0.05000
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	17.68	0.05861	23.64	0.23121
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	17.71	0.05902	23.67	0.23281
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	17.81	0.06039	23.77	0.23823
802.11ax HEW160-BF_Nss4,(MCS0)_4TX	14.60	0.02884	20.56	0.11376
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	19.99	0.09977	25.74	0.37497
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	21.50	0.14125	27.25	0.53088
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	18.30	0.06761	24.05	0.25410

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.33	5.79	5.22	5.73	5.84	11.67	30.00	17.00	36.00
5200MHz	Pass	5.33	5.74	5.2	5.61	5.9	11.64	30.00	16.97	36.00
5240MHz	Pass	5.33	5.73	5.37	5.53	5.61	11.58	30.00	16.91	36.00
5260MHz	Pass	5.49	11.89	11.72	10.99	12	17.69	24.00	23.18	30.00
5300MHz	Pass	5.49	11.82	11.62	11.13	11.82	17.63	24.00	23.12	30.00
5320MHz	Pass	5.49	11.89	11.8	11.24	11.81	17.71	24.00	23.20	30.00
5500MHz	Pass	5.96	11.69	11.6	11.27	12	17.67	24.00	23.63	30.00
5580MHz	Pass	5.96	11.33	11.2	11.65	12.36	17.68	24.00	23.64	30.00
5700MHz	Pass	5.96	10.53	10.44	10.63	10.92	16.65	24.00	22.61	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.96	9.56	9.71	9.93	10.87	16.07	23.00	22.03	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.75	5.22	5.41	5.63	6.58	11.76	30.00	17.51	36.00
5745MHz	Pass	5.75	13.5	13.32	13.64	13.74	19.57	30.00	25.32	36.00
5785MHz	Pass	5.75	13.93	13.72	14.07	14.15	19.99	30.00	25.74	36.00
5825MHz	Pass	5.75	14	13.76	14	13.73	19.89	30.00	25.64	36.00
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.33	5.6	5.27	5.63	5.75	11.59	30.00	16.92	36.00
5230MHz	Pass	5.33	5.64	5.34	5.93	5.61	11.66	30.00	16.99	36.00
5270MHz	Pass	5.49	11.83	11.53	10.94	11.56	17.50	24.00	22.99	30.00
5310MHz	Pass	5.49	8.85	8.75	8.93	8.83	14.86	24.00	20.35	30.00
5510MHz	Pass	5.96	8.25	8.09	8.63	8.55	14.41	24.00	20.37	30.00
5590MHz	Pass	5.96	11.21	11.13	11.81	12.47	17.71	24.00	23.67	30.00
5670MHz	Pass	5.96	11.27	11.12	11.25	11.2	17.23	24.00	23.19	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.96	10.92	11.22	11.33	12.38	17.52	24.00	23.48	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.75	0.6	0.76	0.97	1.94	7.12	30.00	12.87	36.00
5755MHz	Pass	5.75	15.04	14.61	15.1	15.15	21.00	30.00	26.75	36.00
5795MHz	Pass	5.75	15.61	15.15	15.6	15.53	21.50	30.00	27.25	36.00
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.33	5.75	5.5	5.57	5.64	11.64	30.00	16.97	36.00
5290MHz	Pass	5.49	8.31	8.25	8.47	8.24	14.34	24.00	19.83	30.00
5530MHz	Pass	5.96	8.24	8.06	8.52	8.41	14.33	24.00	20.29	30.00
5610MHz	Pass	5.96	11.26	11.19	11.99	12.57	17.81	24.00	23.77	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.96	11.2	11.31	11.48	12.29	17.61	24.00	23.57	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.75	-2.74	-2.79	-2.43	-1.64	3.65	30.00	9.40	36.00
5775MHz	Pass	5.75	12.32	12.04	12.54	12.21	18.30	30.00	24.05	36.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW160-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.33	5.74	5.38	5.7	5.57	11.62	30.00	16.95	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.49	5.76	5.5	5.43	5.21	11.50	24.00	16.99	30.00
5570MHz	Pass	5.96	8.71	8.19	8.7	8.71	14.60	24.00	20.56	30.00

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

Directional Gain = 10 log $[(10^{G1/10} + 10^{G2/10} + ...+ 10^{GN/10})/N_{ANT}]$

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850
1	5.33	5.49	5.96	5.75
2	5.33	5.49	5.96	5.75
3	5.33	5.49	5.96	5.75
4	5.33	5.49	5.96	5.75
Directional Gain (dBi)	5.33	5.49	5.96	5.75

Beamforming mode

Mode	Result	Gain-Elevation 30° (dBi)	Total Power (dBm)	EIRP-Elevation 30° (dBm)	EIRP Limit- Elevation 30° (dBm)
802.11ax HEW20-BF_Nss4,(MCS0)_4TX_5180MHz	Pass	2.75	11.67	14.42	21.00
802.11ax HEW20-BF_Nss4,(MCS0)_4TX_5200MHz	Pass	2.75	11.64	14.39	21.00
802.11ax HEW20-BF_Nss4,(MCS0)_4TX_5240MHz	Pass	2.75	11.58	14.33	21.00
802.11ax HEW40-BF_Nss4,(MCS0)_4TX_5190MHz	Pass	2.75	11.59	14.34	21.00
802.11ax HEW40-BF_Nss4,(MCS0)_4TX_5230MHz	Pass	2.75	11.66	14.41	21.00
802.11ax HEW80-BF_Nss4,(MCS0)_4TX_5210MHz	Pass	2.75	11.64	14.39	21.00
802.11ax HEW160-BF_Nss4,(MCS0)_4TX_5250MHz Straddle 5.15-5.25GHz	Pass	2.75	11.62	14.37	21.00

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.81	17.16
802.11ax HEW20_Nss4,(MCS0)_4TX	4.59	9.92
802.11ax HEW40_Nss4,(MCS0)_4TX	1.74	7.07
802.11ax HEW80_Nss4,(MCS0)_4TX	-1.18	4.15
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.14	4.19
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	4.65	16.16
802.11ax HEW20_Nss4,(MCS0)_4TX	10.60	16.09
802.11ax HEW40_Nss4,(MCS0)_4TX	7.75	13.24
802.11ax HEW80_Nss4,(MCS0)_4TX	1.74	7.23
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.14	4.35
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	4.86	16.84
802.11ax HEW20_Nss4,(MCS0)_4TX	10.86	16.82
802.11ax HEW40_Nss4,(MCS0)_4TX	8.07	14.03
802.11ax HEW80_Nss4,(MCS0)_4TX	5.18	11.14
802.11ax HEW160_Nss4,(MCS0)_4TX	-0.69	5.27
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.07	23.84
802.11ax HEW20_Nss4,(MCS0)_4TX	11.74	17.49
802.11ax HEW40_Nss4,(MCS0)_4TX	10.36	16.11
802.11ax HEW80_Nss4,(MCS0)_4TX	4.21	9.96

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.35	-0.02	0.03	-0.17	-0.03	5.81	11.65	17.16	23.00
5200MHz	Pass	11.35	-0.12	-0.07	-0.24	-0.03	5.77	11.65	17.12	23.00
5240MHz	Pass	11.35	-0.27	0.13	-0.16	-0.17	5.71	11.65	17.06	23.00
5260MHz	Pass	11.51	-1.48	-1.32	-1.18	-1.47	4.55	5.49	16.06	17.00
5300MHz	Pass	11.51	-1.30	-1.31	-1.07	-1.40	4.65	5.49	16.16	17.00
5320MHz	Pass	11.51	-1.34	-1.18	-1.04	-1.77	4.60	5.49	16.11	17.00
5500MHz	Pass	11.98	-1.21	-1.09	-0.61	-1.06	4.86	5.02	16.84	17.00
5580MHz	Pass	11.98	-1.41	-1.47	-0.98	-1.26	4.64	5.02	16.62	17.00
5700MHz	Pass	11.98	-1.30	-1.04	-1.28	-1.31	4.61	5.02	16.59	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.98	-1.46	-1.22	-1.09	-1.45	4.60	5.02	16.58	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.77	-2.86	-2.68	-2.79	-2.83	3.06	24.23	14.83	36.00
5745MHz	Pass	11.77	5.74	5.97	5.79	5.66	11.57	24.23	23.34	36.00
5785MHz	Pass	11.77	6.07	6.31	6.36	5.98	12.07	24.23	23.84	36.00
5825MHz	Pass	11.77	5.78	6.06	5.83	5.42	11.63	24.23	23.40	36.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.33	-1.27	-1.46	-1.44	-1.18	4.51	17.00	9.84	23.00
5200MHz	Pass	5.33	-1.26	-1.49	-1.64	-1.06	4.46	17.00	9.79	23.00
5240MHz	Pass	5.33	-1.26	-1.06	-1.36	-1.34	4.59	17.00	9.92	23.00
5260MHz	Pass	5.49	5.15	4.76	4.08	5.07	10.60	11.00	16.09	17.00
5300MHz	Pass	5.49	4.88	4.94	4.22	4.74	10.55	11.00	16.04	17.00
5320MHz	Pass	5.49	4.95	4.74	4.38	4.86	10.59	11.00	16.08	17.00
5500MHz	Pass	5.96	5.00	4.82	4.53	5.22	10.76	11.00	16.72	17.00
5580MHz	Pass	5.96	4.59	4.35	4.93	5.97	10.86	11.00	16.82	17.00
5700MHz	Pass	5.96	3.70	3.71	4.01	4.15	9.84	11.00	15.80	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.96	3.95	4.01	4.18	5.26	10.26	11.00	16.22	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.75	2.47	2.65	2.91	3.66	8.82	30.00	14.57	36.00
5745MHz	Pass	5.75	5.27	5.40	5.42	5.78	11.25	30.00	17.00	36.00
5785MHz	Pass	5.75	5.62	5.98	5.65	6.00	11.66	30.00	17.41	36.00
5825MHz	Pass	5.75	5.52	6.11	5.79	5.99	11.74	30.00	17.49	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.33	-3.98	-4.24	-4.07	-4.19	1.74	17.00	7.07	23.00
5230MHz	Pass	5.33	-3.97	-4.01	-4.06	-4.20	1.74	17.00	7.07	23.00
5270MHz	Pass	5.49	2.10	2.25	1.09	2.09	7.75	11.00	13.24	17.00
5310MHz	Pass	5.49	-0.69	-0.35	-0.66	-0.54	5.28	11.00	10.77	17.00
5510MHz	Pass	5.96	-0.97	-1.17	-1.14	-0.81	4.74	11.00	10.70	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5590MHz	Pass	5.96	1.87	1.89	2.11	3.03	8.07	11.00	14.03	17.00
5670MHz	Pass	5.96	1.49	2.00	1.54	1.95	7.60	11.00	13.56	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.96	1.44	1.65	1.74	2.82	7.76	11.00	13.72	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.75	-1.56	-1.27	-1.21	0.02	4.91	30.00	10.66	36.00
5755MHz	Pass	5.75	3.95	3.94	3.84	4.31	9.82	30.00	15.57	36.00
5795MHz	Pass	5.75	4.48	4.44	4.44	4.72	10.36	30.00	16.11	36.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.33	-6.83	-6.98	-7.17	-6.94	-1.18	17.00	4.15	23.00
5290MHz	Pass	5.49	-4.17	-4.11	-4.00	-4.38	1.74	11.00	7.23	17.00
5530MHz	Pass	5.96	-4.18	-4.06	-3.96	-3.85	1.89	11.00	7.85	17.00
5610MHz	Pass	5.96	-1.19	-1.05	-0.71	0.30	5.18	11.00	11.14	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.96	-1.77	-1.59	-1.54	-0.62	4.46	11.00	10.42	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.75	-5.20	-5.04	-4.72	-3.88	1.18	30.00	6.93	36.00
5775MHz	Pass	5.75	-1.92	-1.67	-1.65	-1.38	4.21	30.00	9.96	36.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.33	-6.92	-6.73	-7.02	-7.03	-1.14	17.00	4.19	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.49	-6.79	-6.79	-7.02	-7.06	-1.14	11.00	4.35	17.00
5570MHz	Pass	5.96	-6.62	-6.56	-6.51	-6.20	-0.69	11.00	5.27	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;

DG = Directional Gain
For 802.11a
Directional gain = GN + 10* log(4/1)

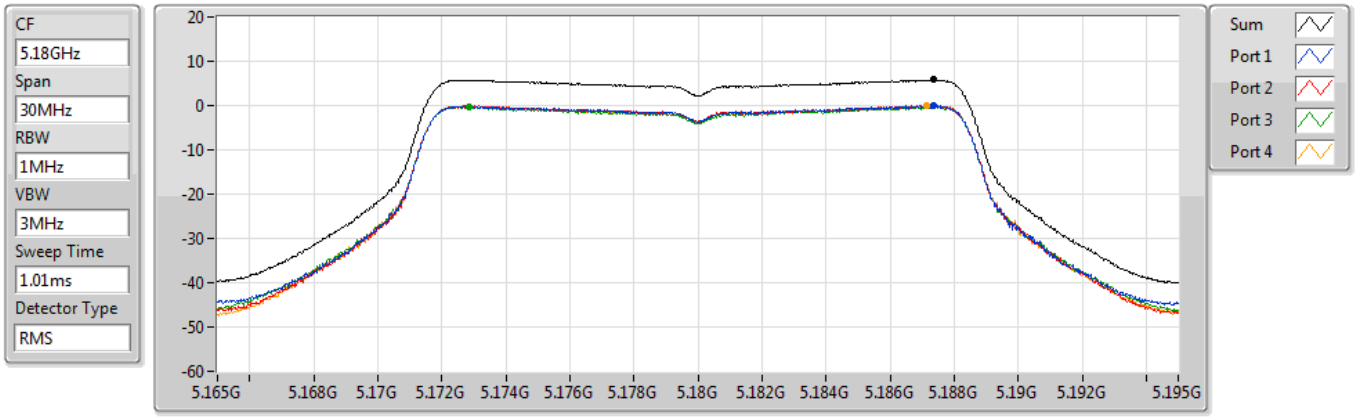
Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850
1	5.33	5.49	5.96	5.75
2	5.33	5.49	5.96	5.75
3	5.33	5.49	5.96	5.75
4	5.33	5.49	5.96	5.75
Directional Gain (dBi)	11.35	11.51	11.98	11.77

For 802.11ax
Directional Gain = 10 log $[(10^{G1/10} + 10^{G2/10} + ...+ 10^{GN/10})/N_{ANT}]$

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850
1	5.33	5.49	5.96	5.75
2	5.33	5.49	5.96	5.75
3	5.33	5.49	5.96	5.75
4	5.33	5.49	5.96	5.75
Directional Gain (dBi)	5.33	5.49	5.96	5.75

802.11a_Nss1,(6Mbps)_4TX PSD

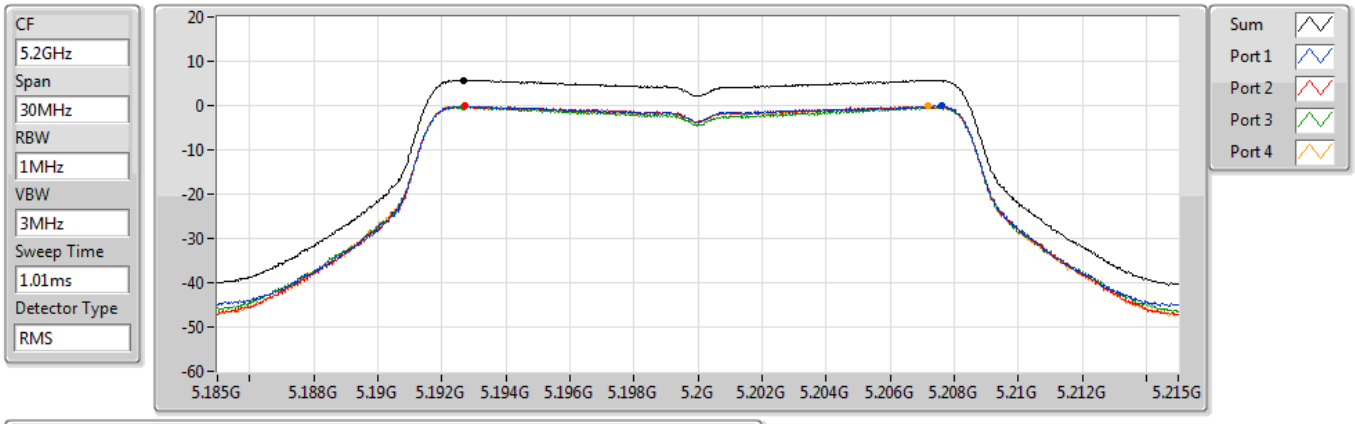
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	-0.02	0.03	-0.17	-0.03

802.11a_Nss1,(6Mbps)_4TX PSD

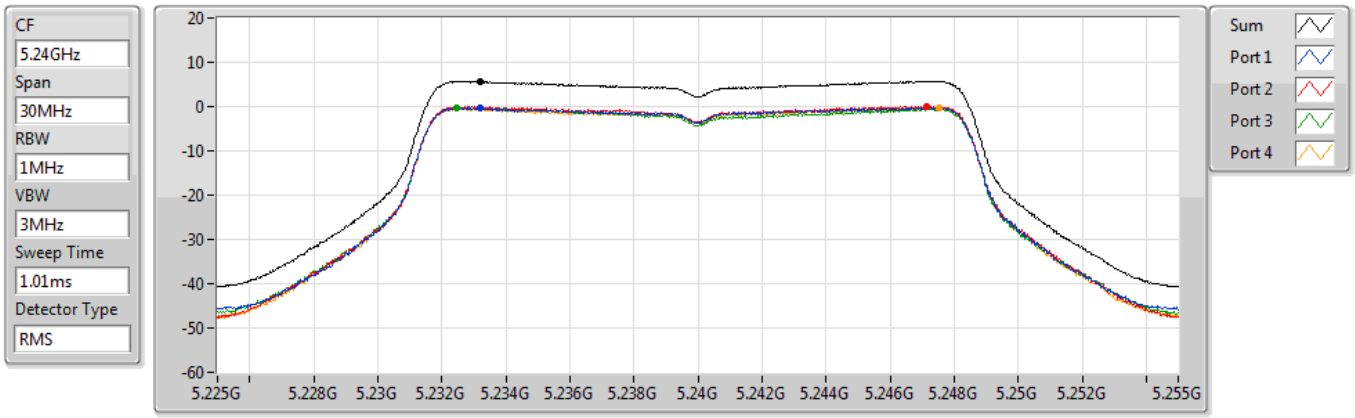
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.77	5.77	-0.12	-0.07	-0.24	-0.03

802.11a_Nss1,(6Mbps)_4TX PSD

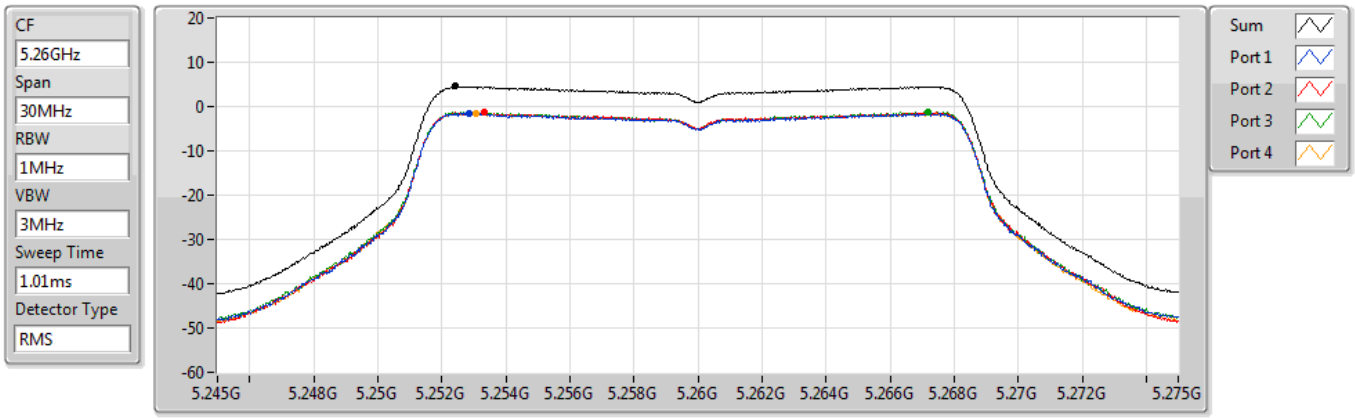
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	-0.27	0.13	-0.16	-0.17

802.11a_Nss1,(6Mbps)_4TX PSD

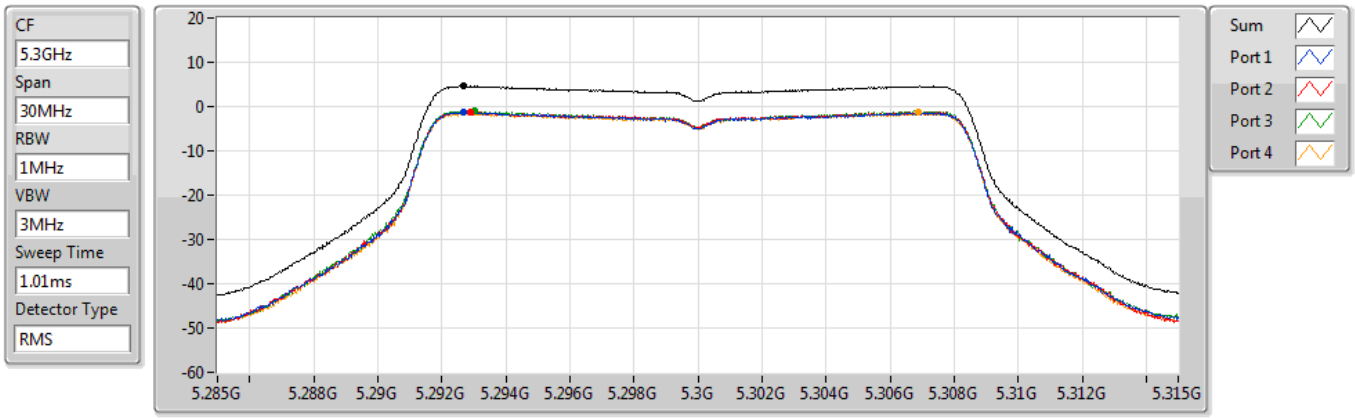
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.55	4.55	-1.48	-1.32	-1.18	-1.47

802.11a_Nss1,(6Mbps)_4TX PSD

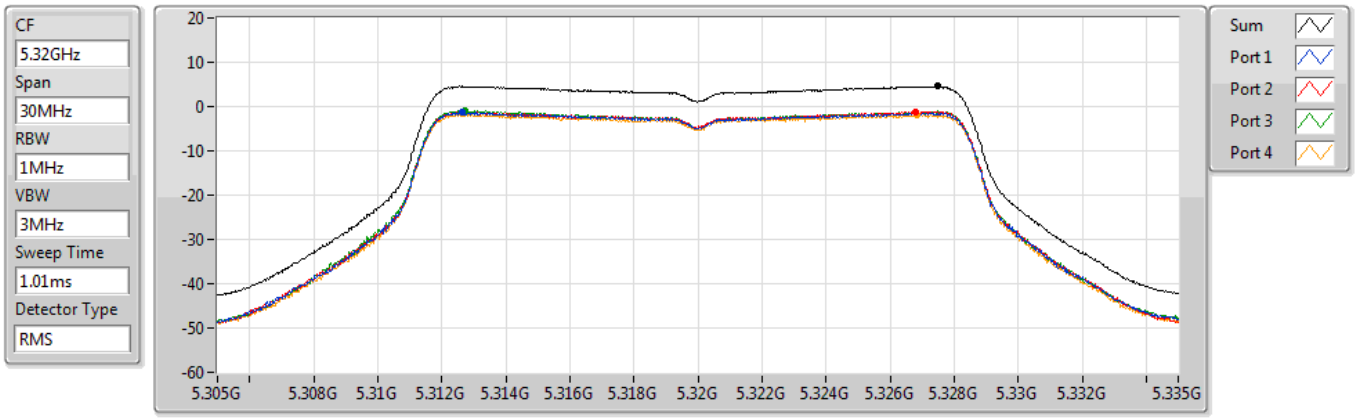
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	-1.30	-1.31	-1.07	-1.40

802.11a_Nss1,(6Mbps)_4TX PSD

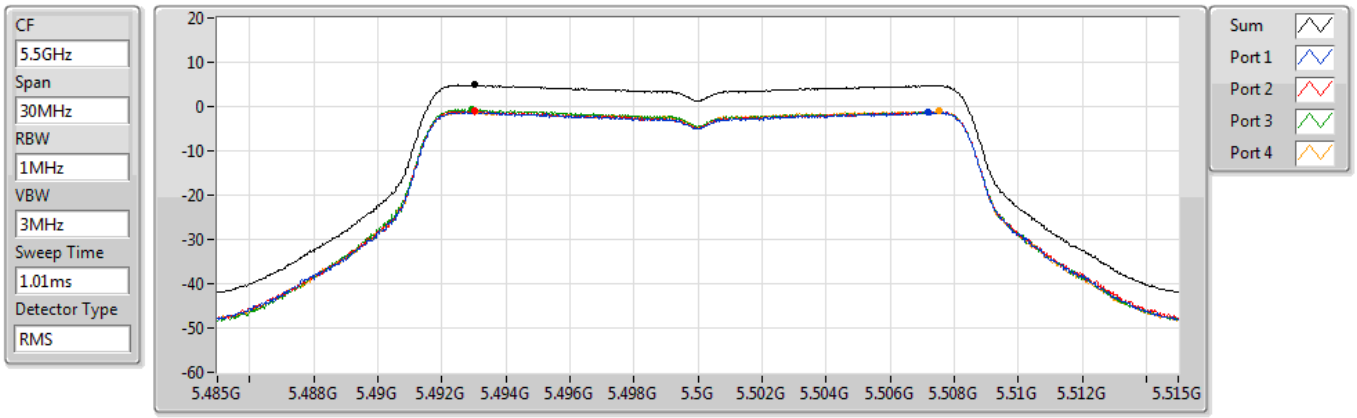
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	-1.34	-1.18	-1.04	-1.77

802.11a_Nss1,(6Mbps)_4TX PSD

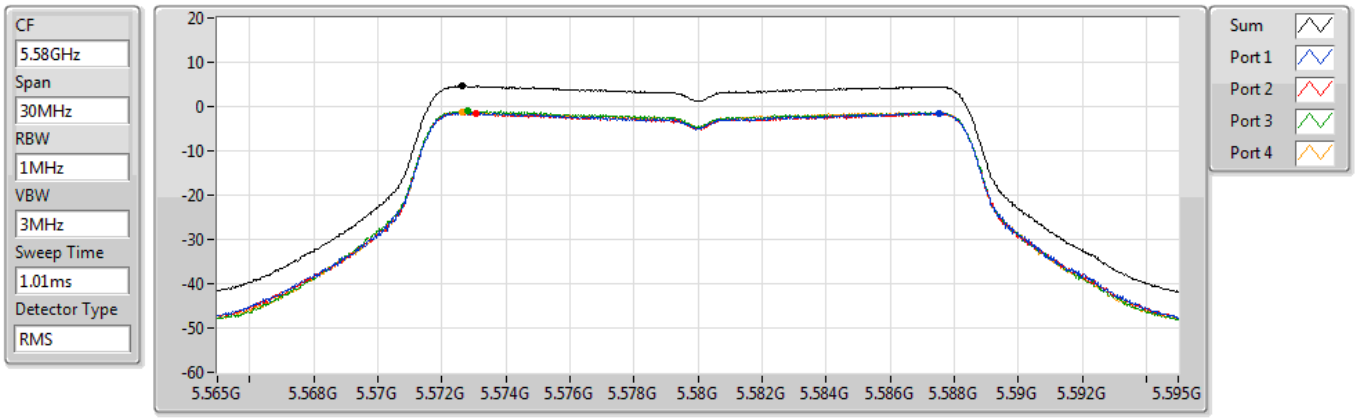
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.86	4.86	-1.21	-1.09	-0.61	-1.06

802.11a_Nss1,(6Mbps)_4TX PSD

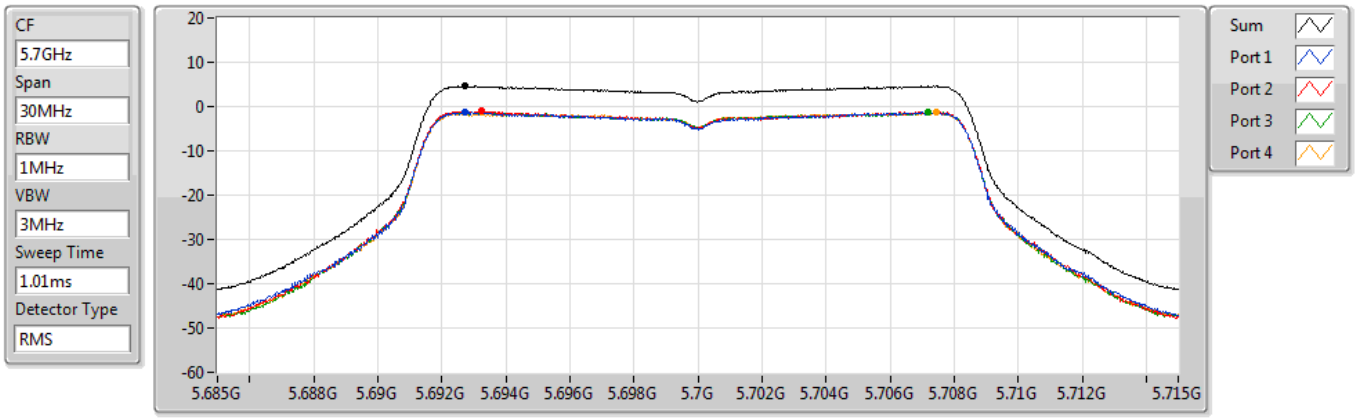
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	-1.41	-1.47	-0.98	-1.26

802.11a_Nss1,(6Mbps)_4TX PSD

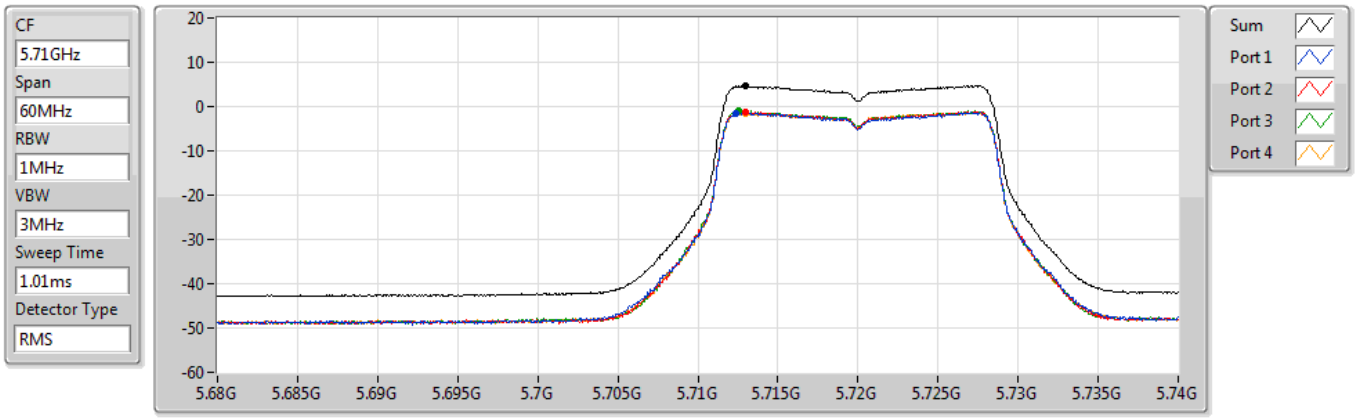
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.61	4.61	-1.30	-1.04	-1.28	-1.31

802.11a_Nss1,(6Mbps)_4TX PSD

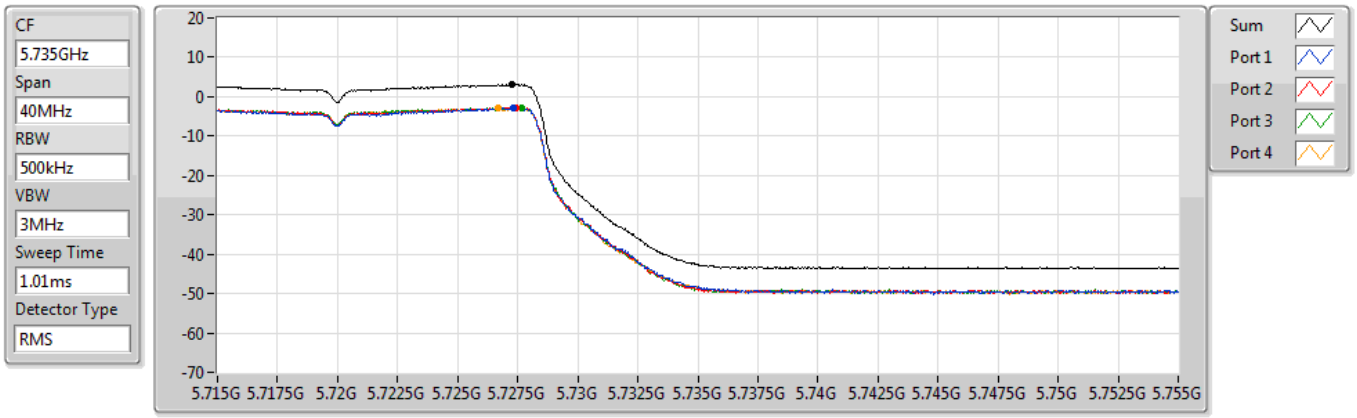
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	-1.46	-1.22	-1.09	-1.45

802.11a_Nss1,(6Mbps)_4TX PSD

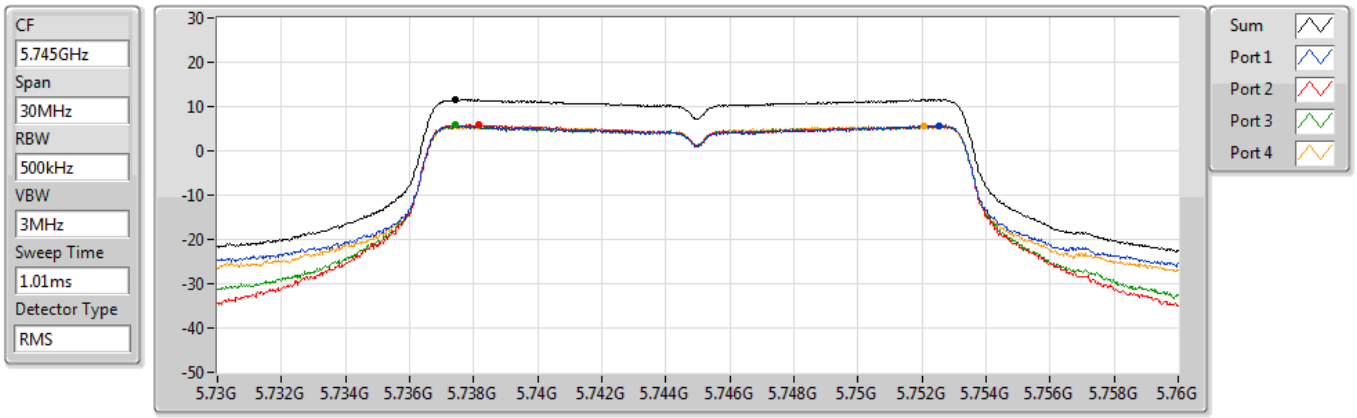
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.06	3.06	-2.86	-2.68	-2.79	-2.83

802.11a_Nss1,(6Mbps)_4TX PSD

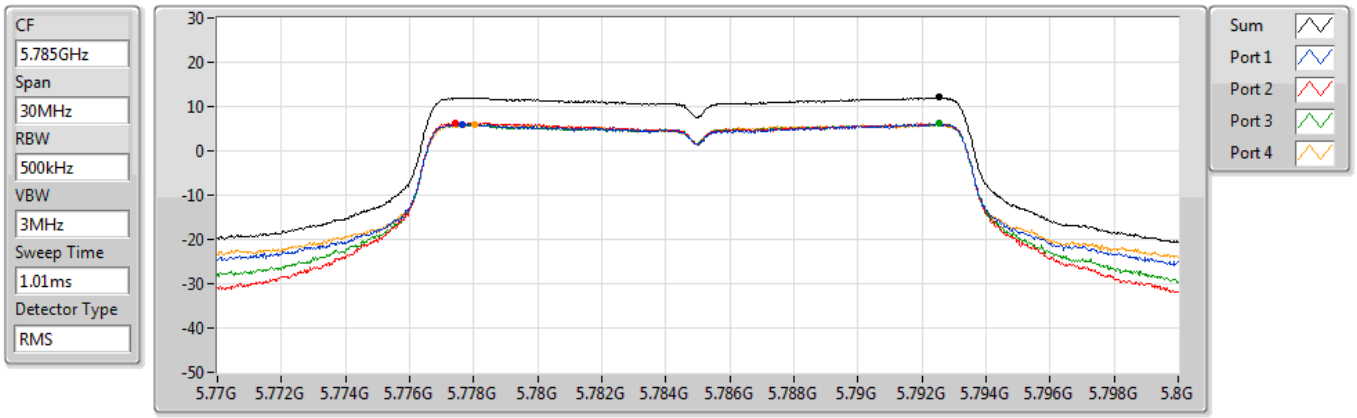
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.57	11.57	5.74	5.97	5.79	5.66

802.11a_Nss1,(6Mbps)_4TX PSD

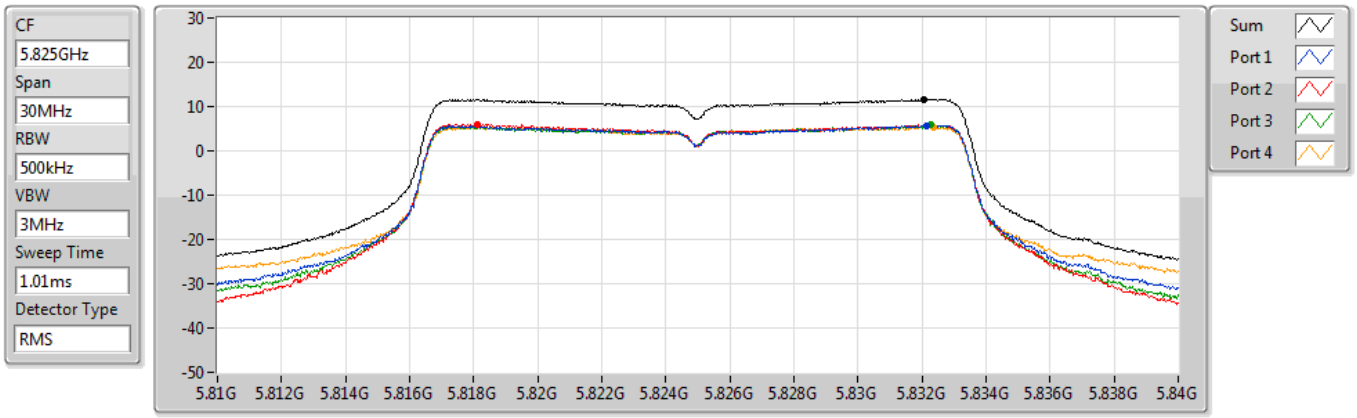
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.07	12.07	6.07	6.31	6.36	5.98

802.11a_Nss1,(6Mbps)_4TX PSD

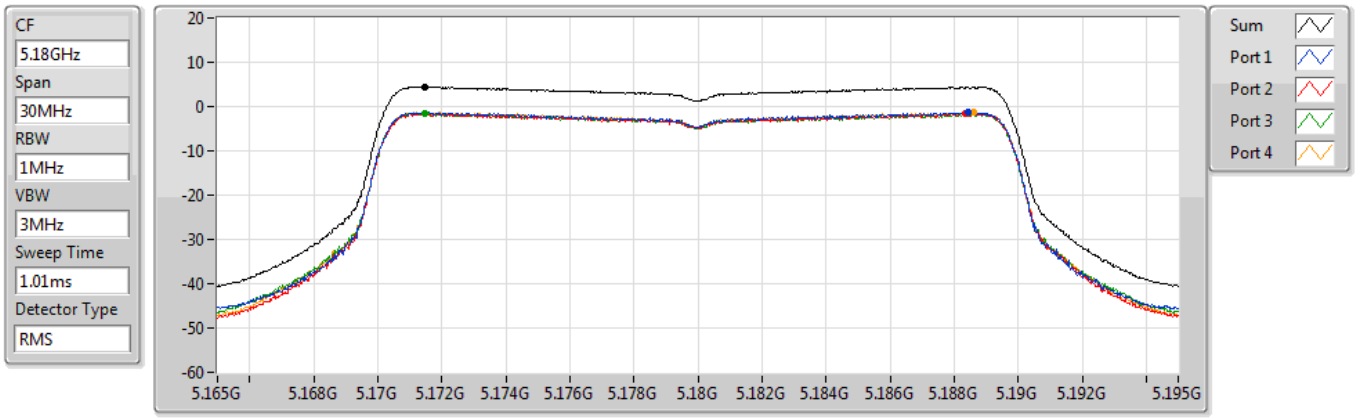
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.63	11.63	5.78	6.06	5.83	5.42

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

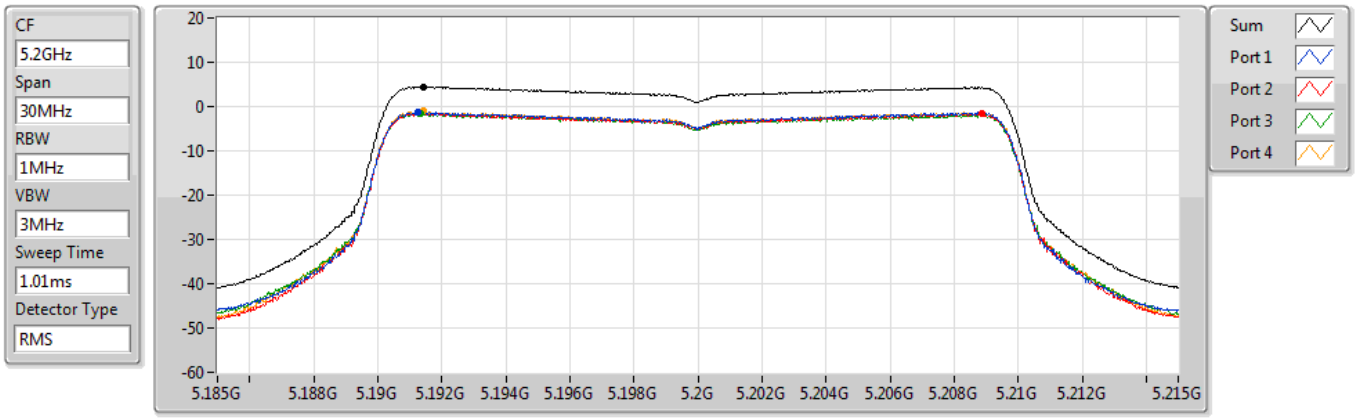
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.51	4.51	-1.27	-1.46	-1.44	-1.18

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

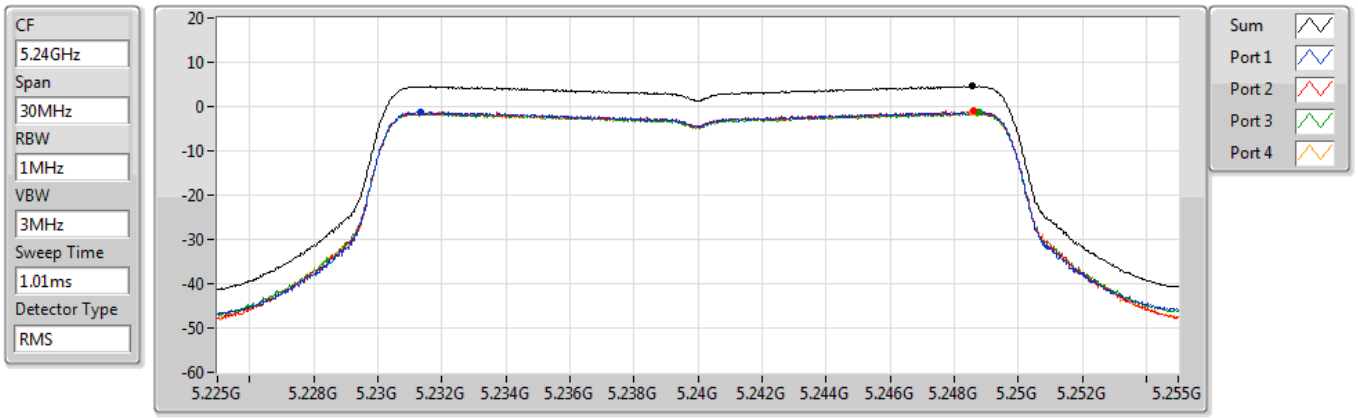
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	-1.26	-1.49	-1.64	-1.06

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

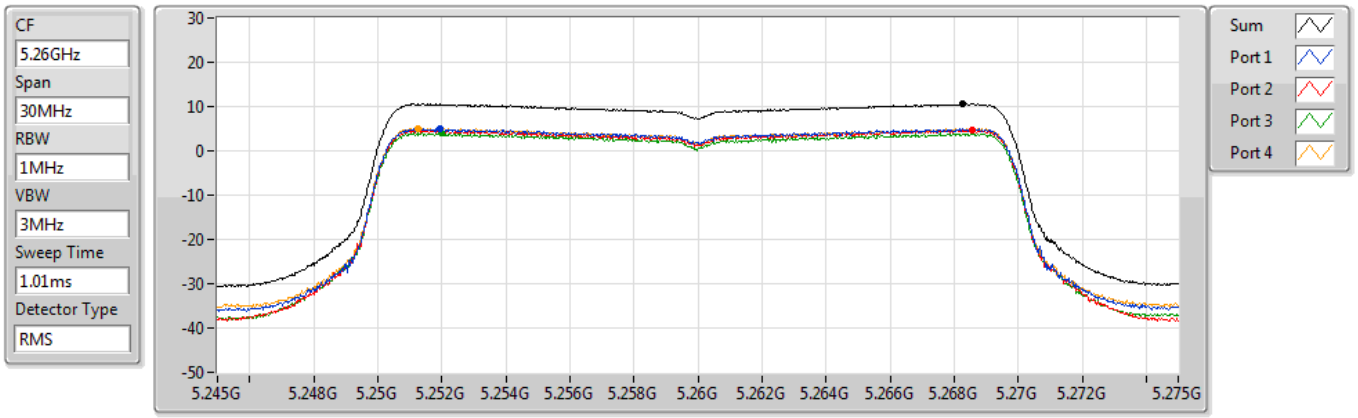
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.59	4.59	-1.26	-1.06	-1.36	-1.34

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

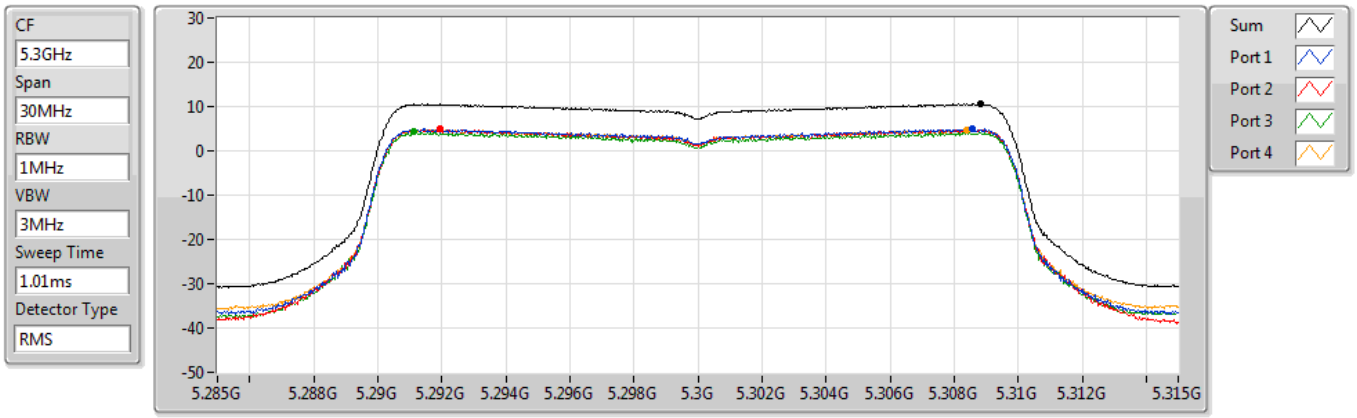
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	5.15	4.76	4.08	5.07

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

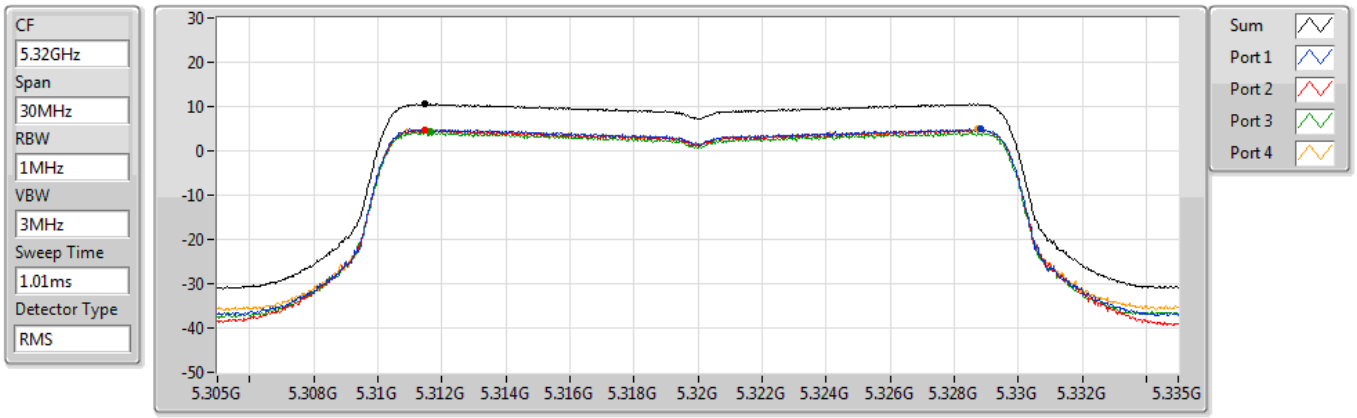
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	4.88	4.94	4.22	4.74

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

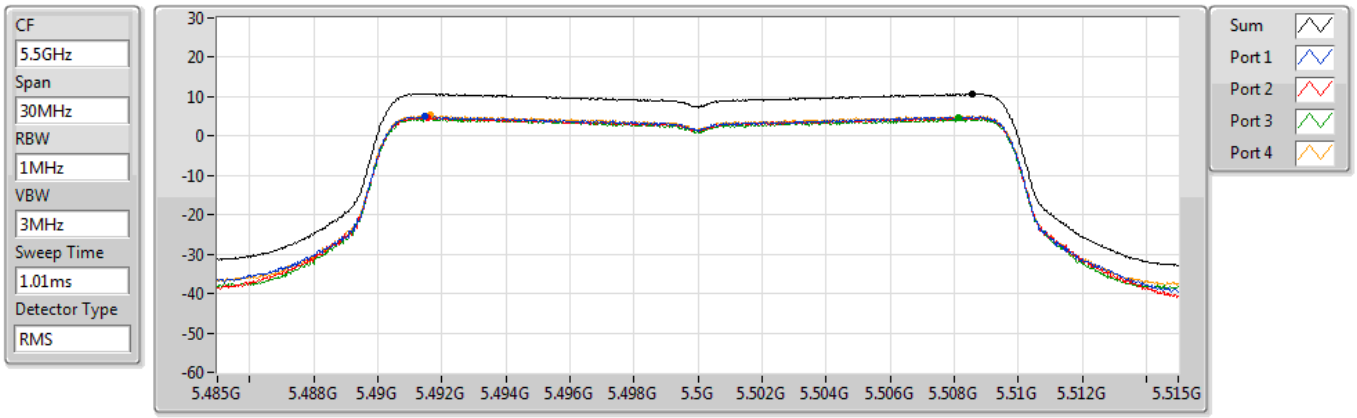
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	4.95	4.74	4.38	4.86

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

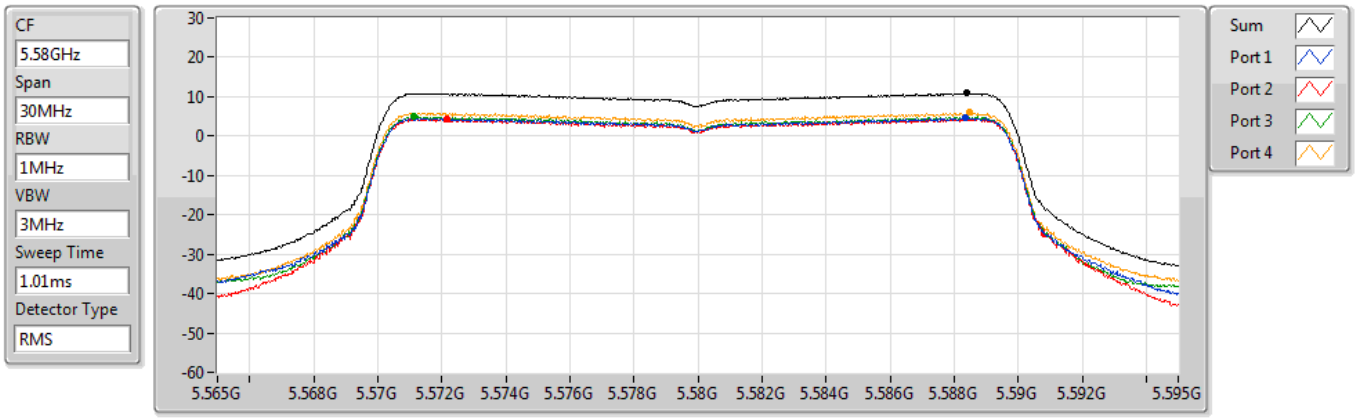
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	5.00	4.82	4.53	5.22

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

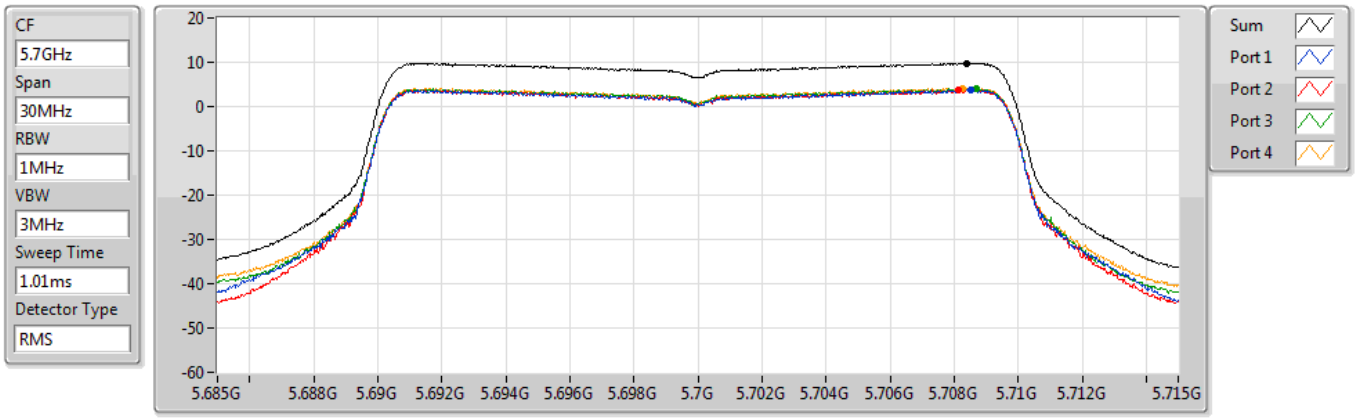
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	4.59	4.35	4.93	5.97

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

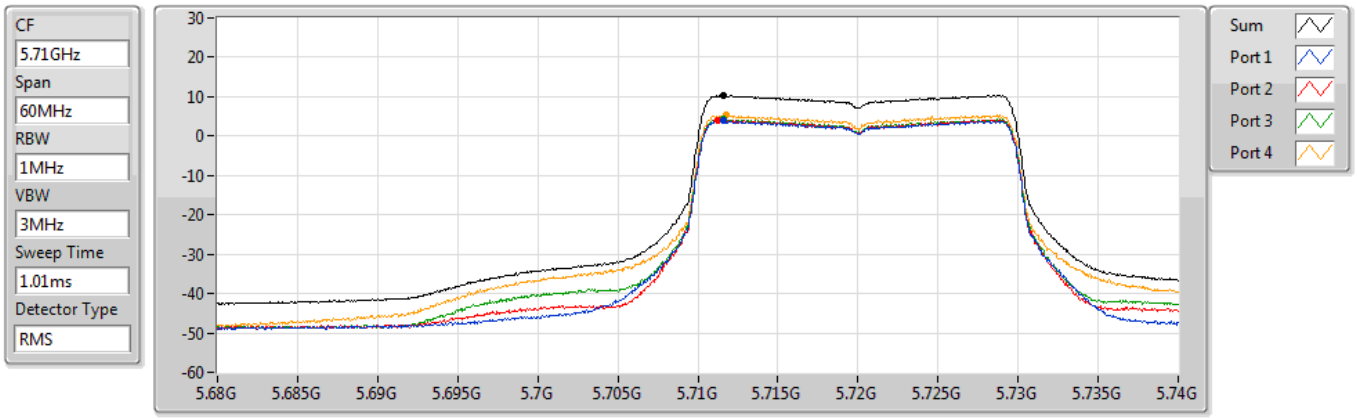
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	3.70	3.71	4.01	4.15

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

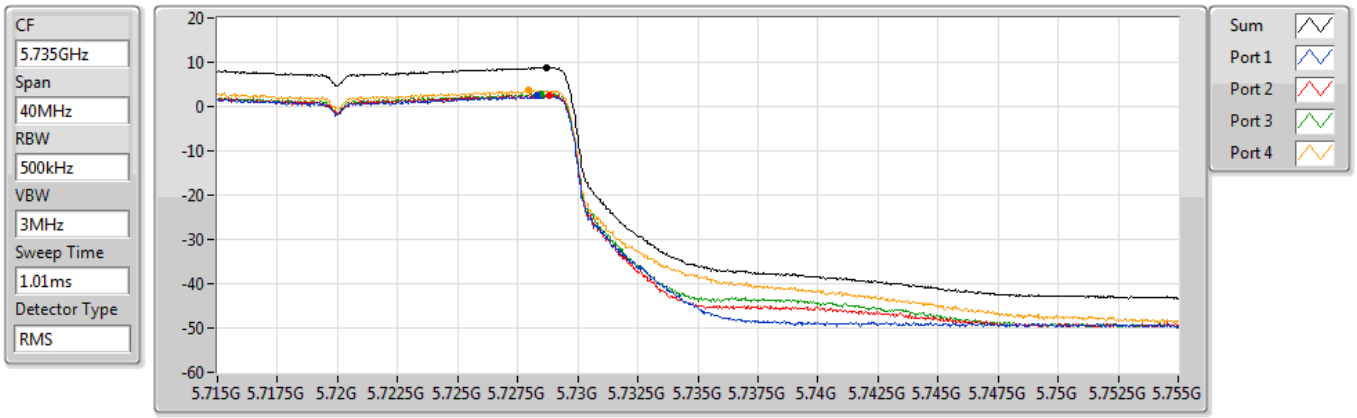
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	3.95	4.01	4.18	5.26

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

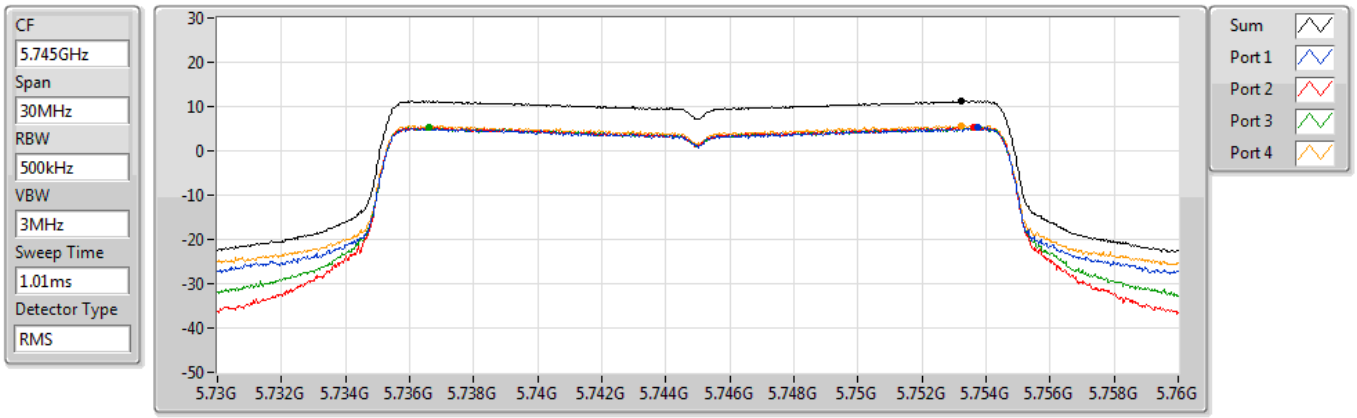
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.82	8.82	2.47	2.65	2.91	3.66

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

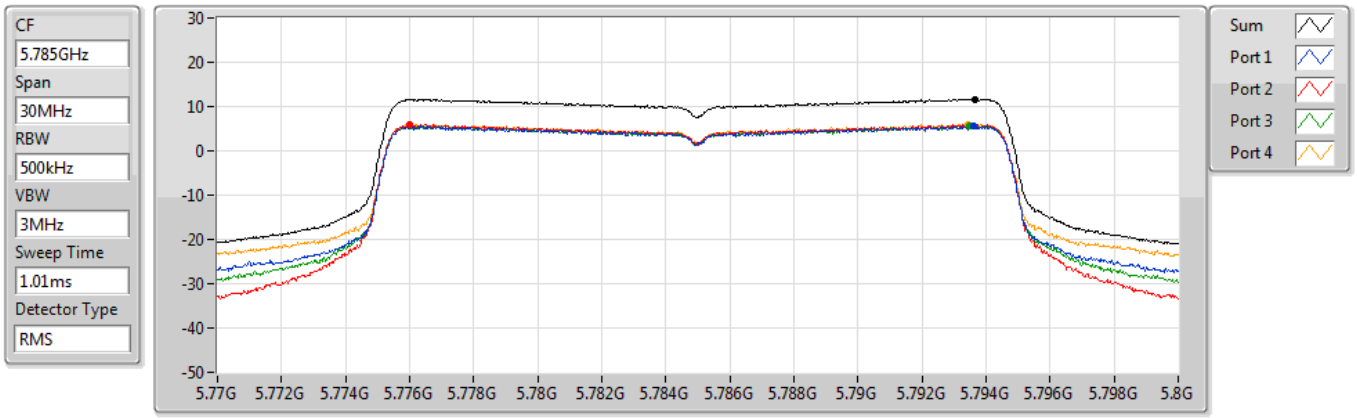
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.25	11.25	5.27	5.40	5.42	5.78

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

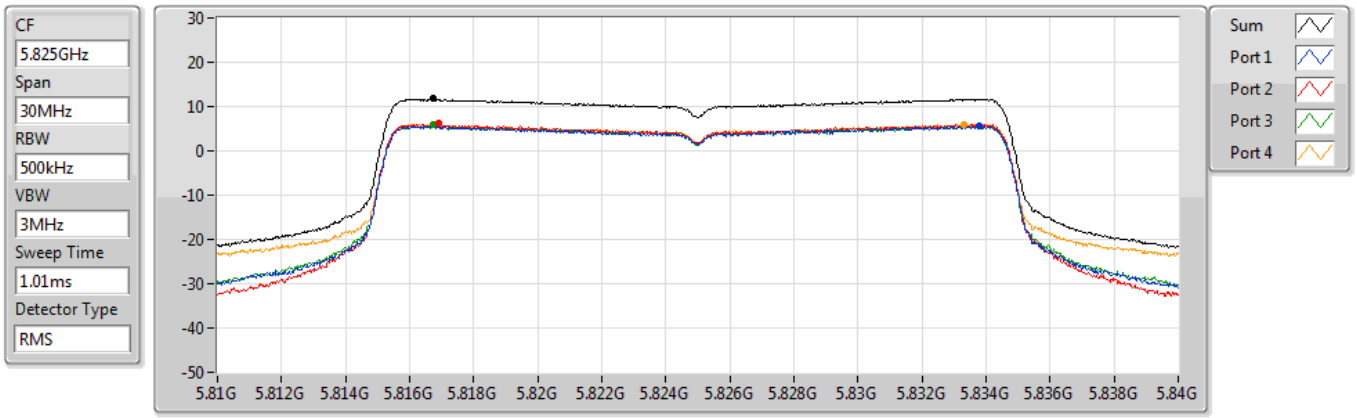
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.66	11.66	5.62	5.98	5.65	6.00

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

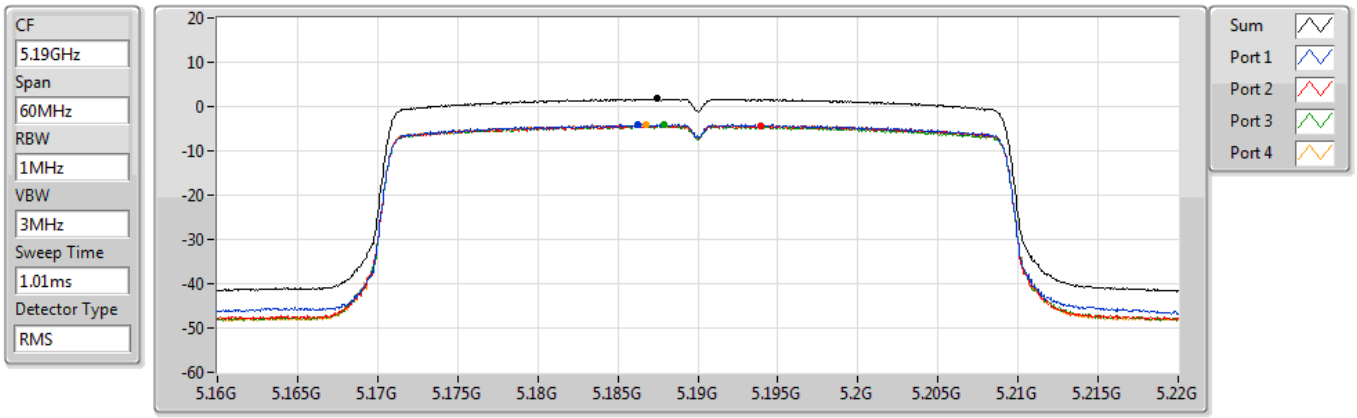
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.74	11.74	5.52	6.11	5.79	5.99

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

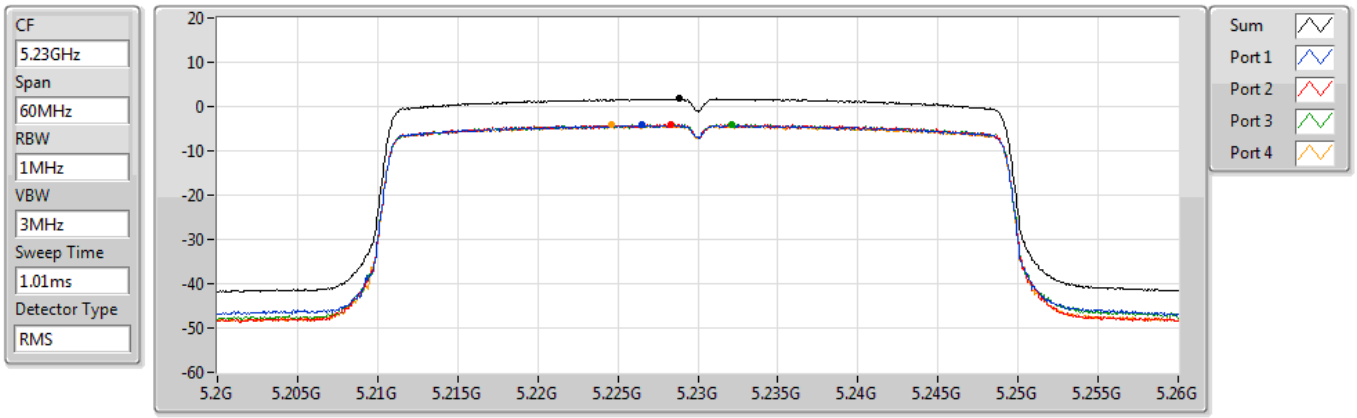
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74	-3.98	-4.24	-4.07	-4.19

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

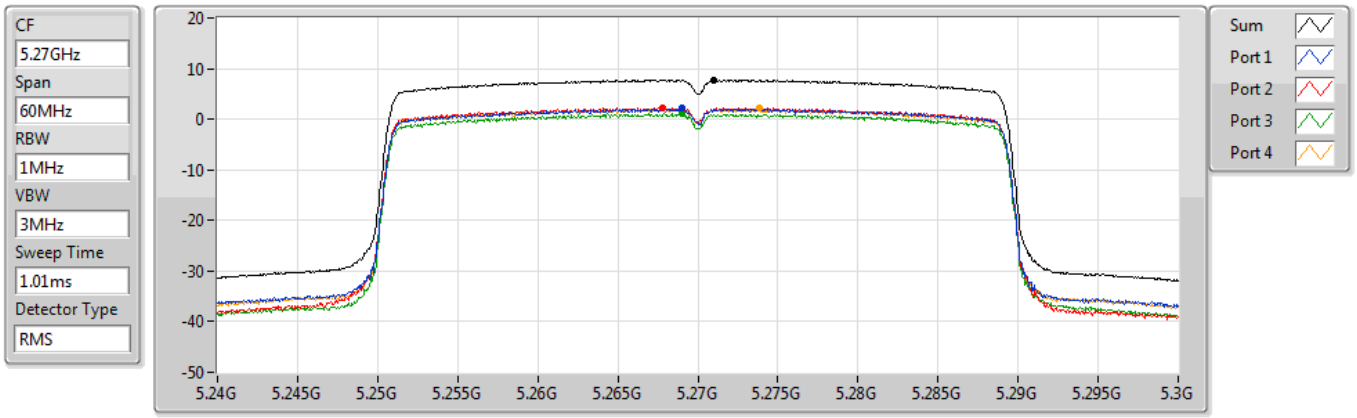
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74	-3.97	-4.01	-4.06	-4.20

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

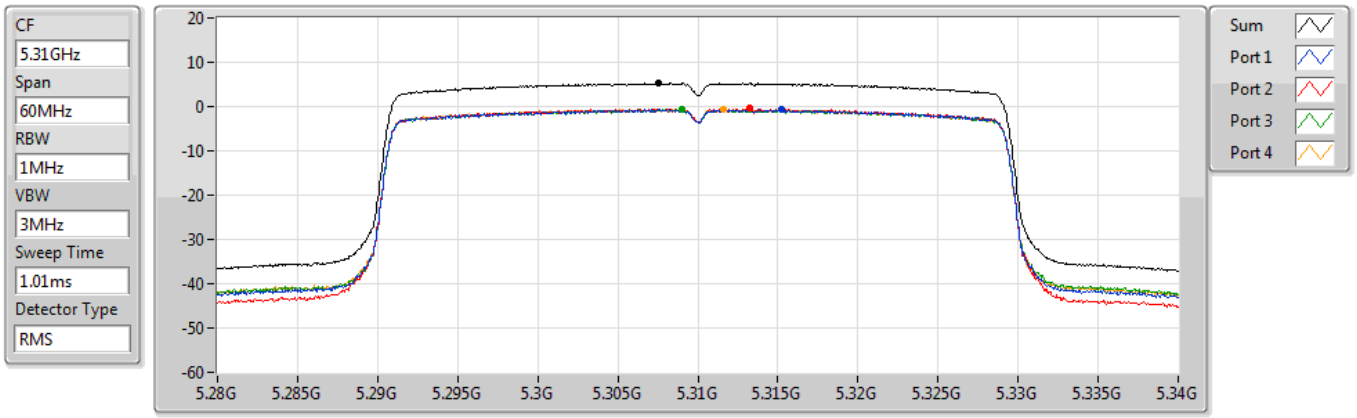
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	2.10	2.25	1.09	2.09

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

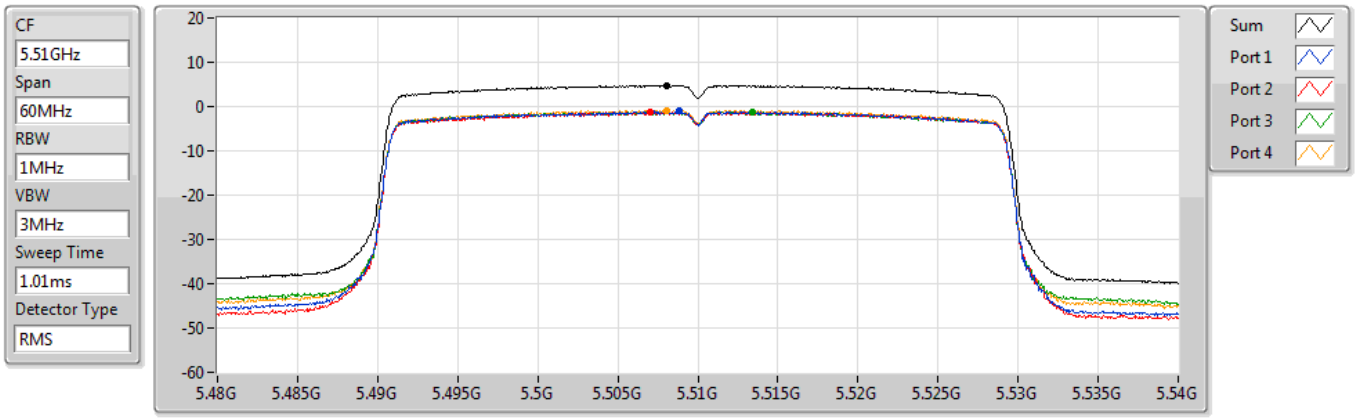
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.28	5.28	-0.69	-0.35	-0.66	-0.54

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

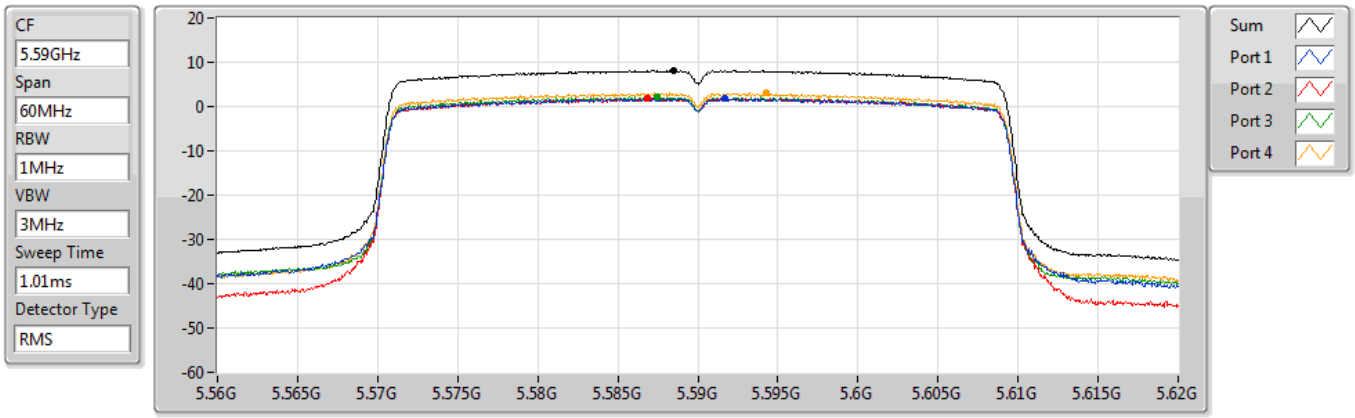
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	-0.97	-1.17	-1.14	-0.81

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

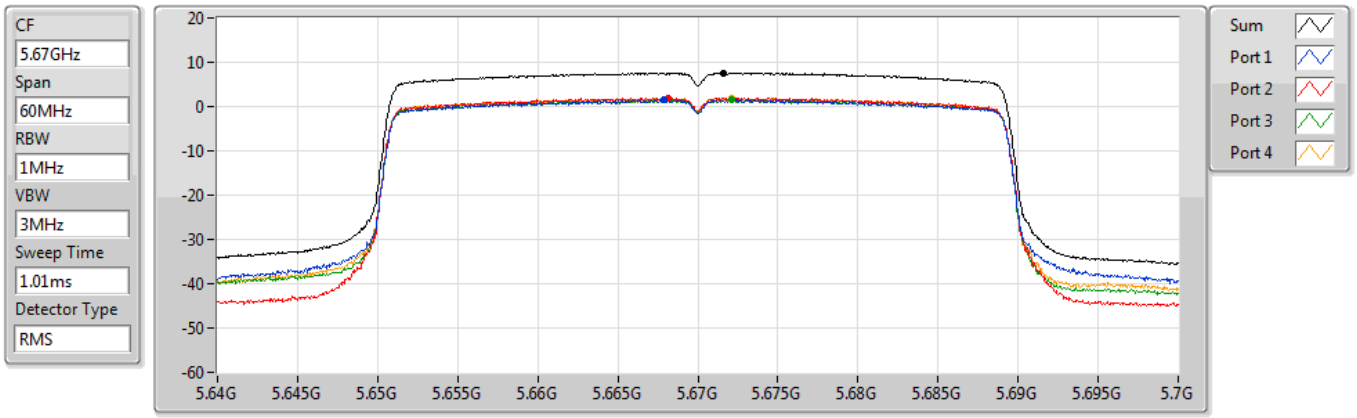
5590MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.07	8.07	1.87	1.89	2.11	3.03

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

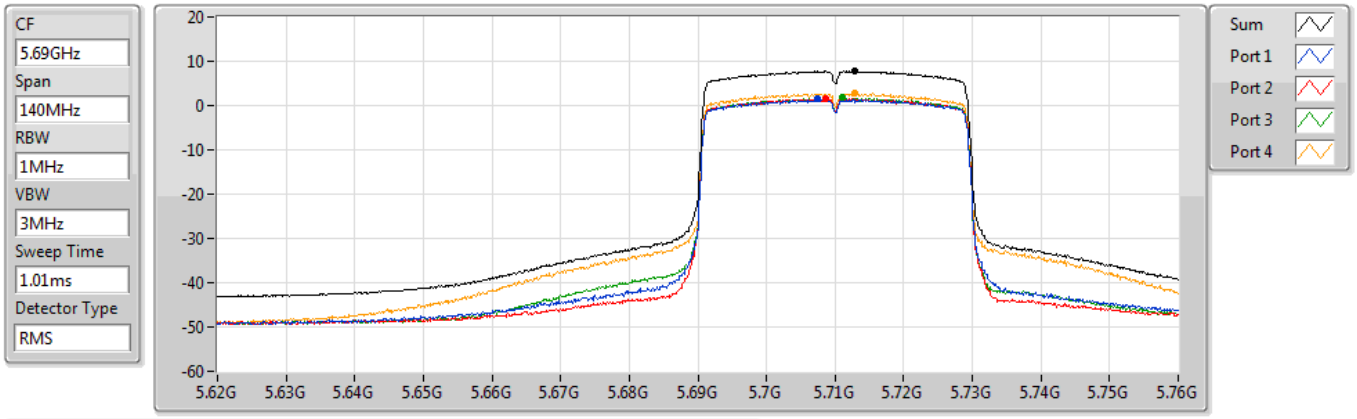
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	1.49	2.00	1.54	1.95

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

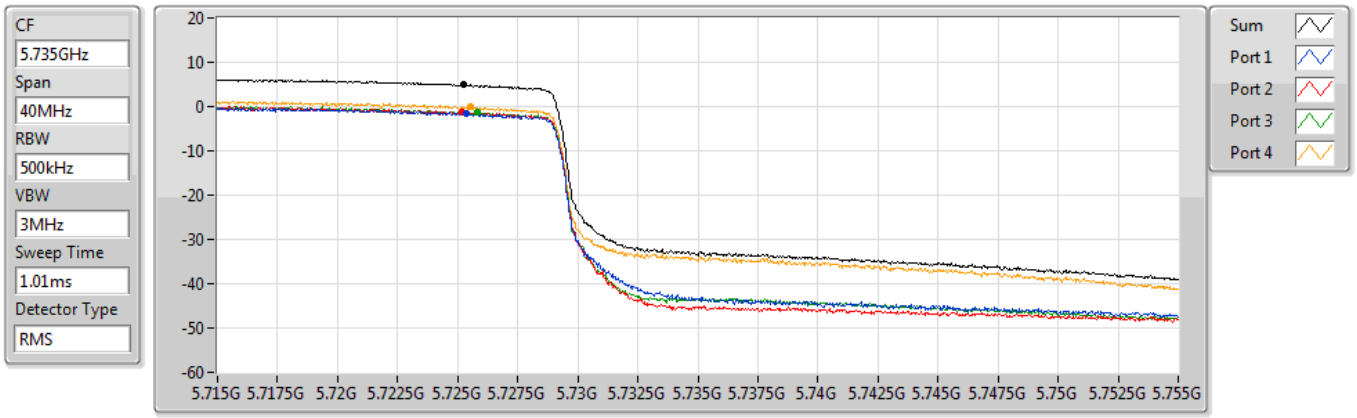
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	1.44	1.65	1.74	2.82

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

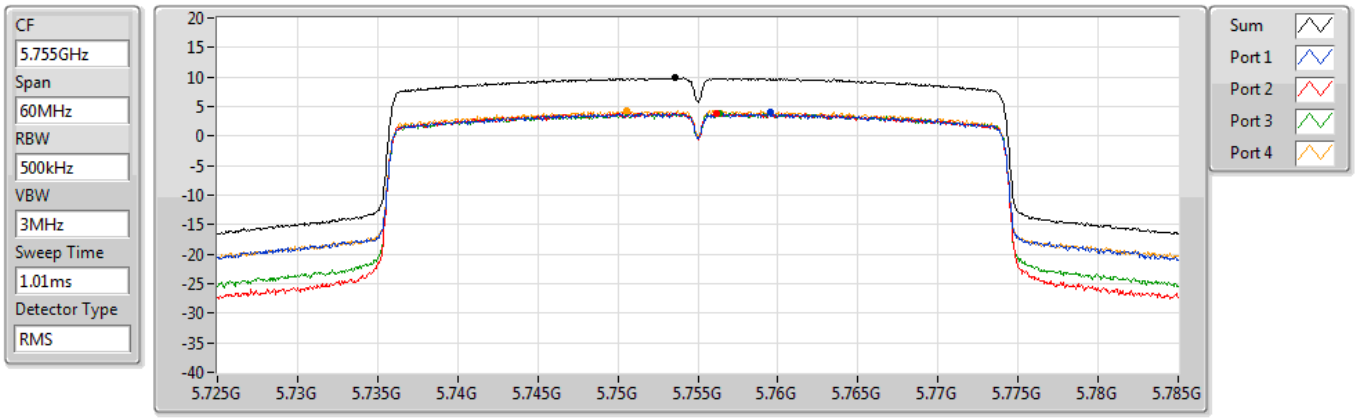
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	-1.56	-1.27	-1.21	0.02

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

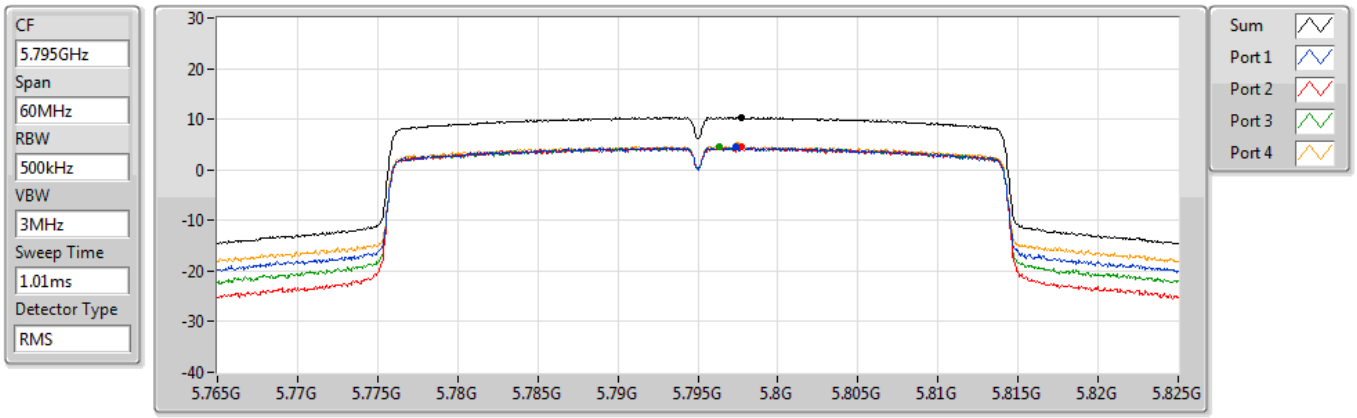
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	3.95	3.94	3.84	4.31

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

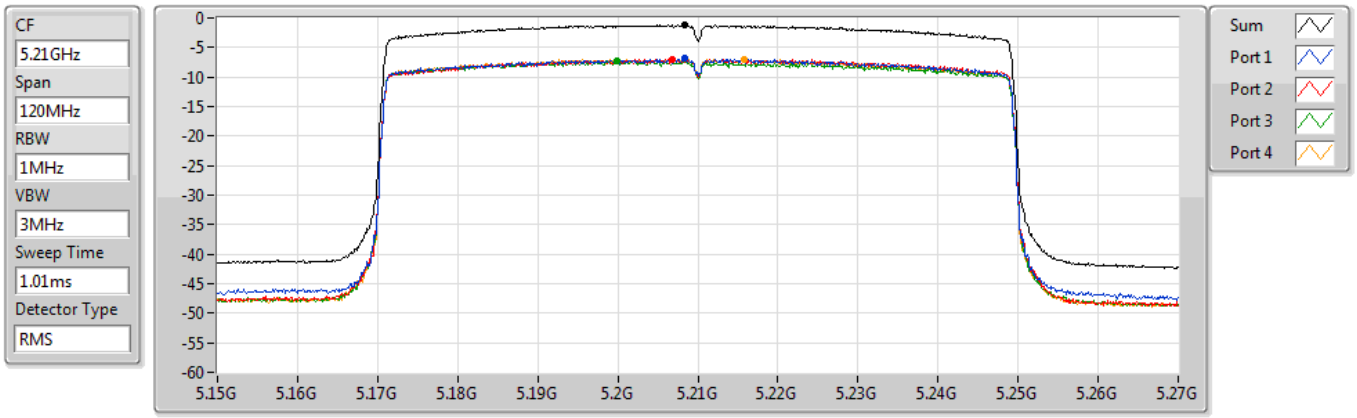
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	4.48	4.44	4.44	4.72

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

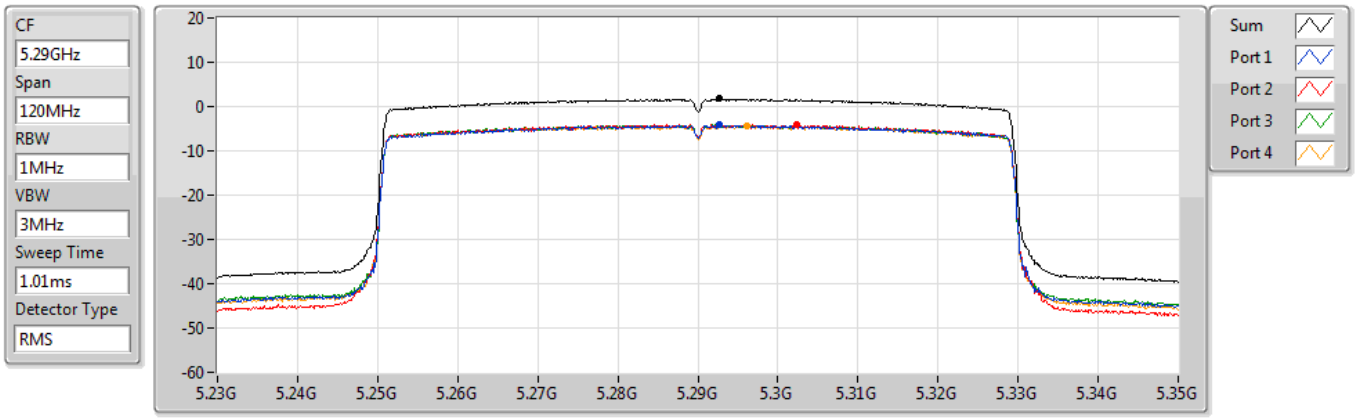
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-6.83	-6.98	-7.17	-6.94

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

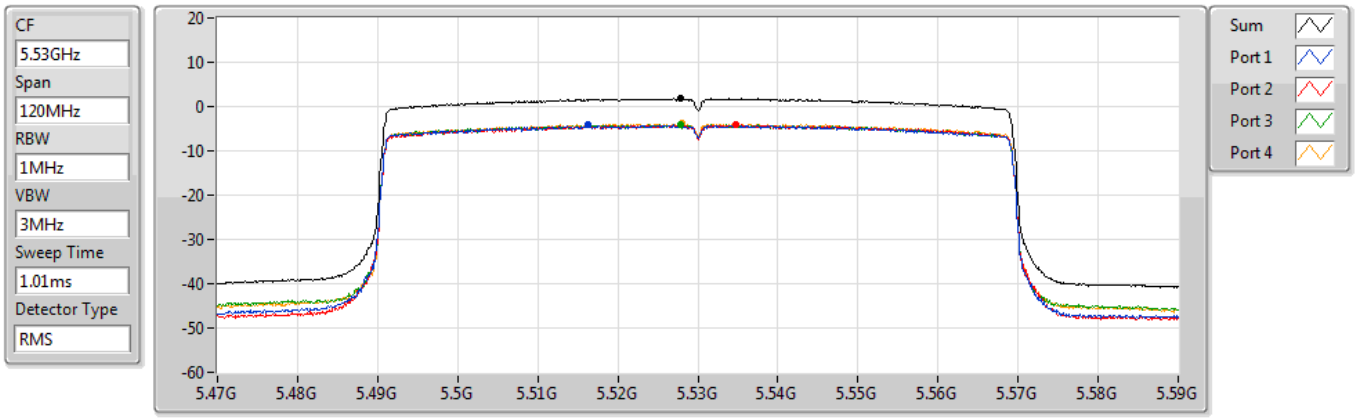
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74	-4.17	-4.11	-4.00	-4.38

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

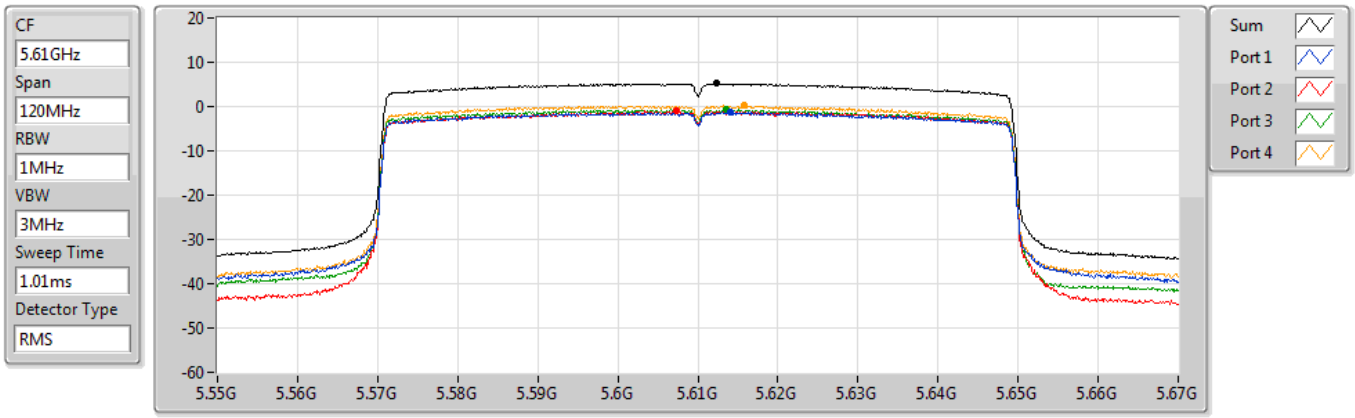
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.89	1.89	-4.18	-4.06	-3.96	-3.85

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

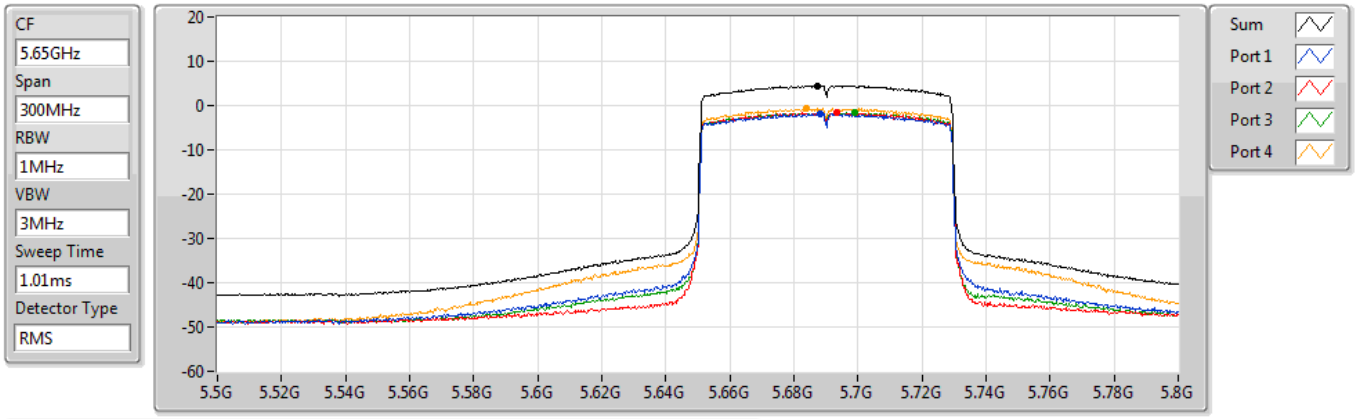
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.18	5.18	-1.19	-1.05	-0.71	0.30

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

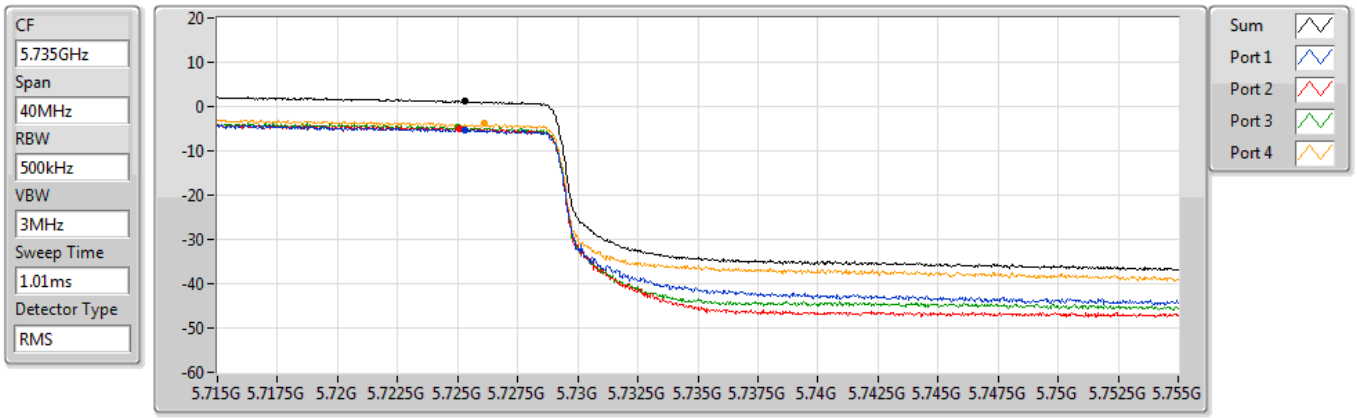
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	-1.77	-1.59	-1.54	-0.62

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

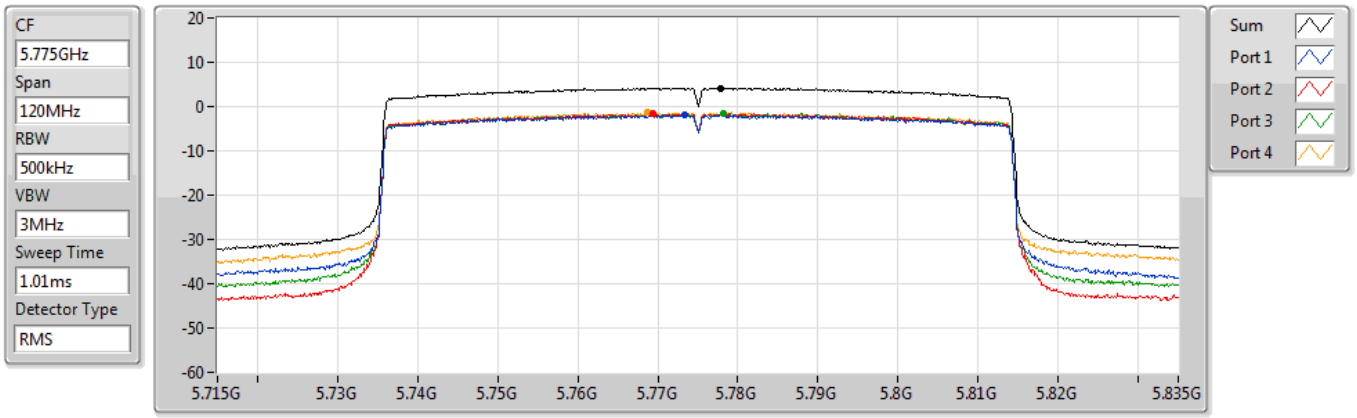
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.18	1.18	-5.20	-5.04	-4.72	-3.88

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

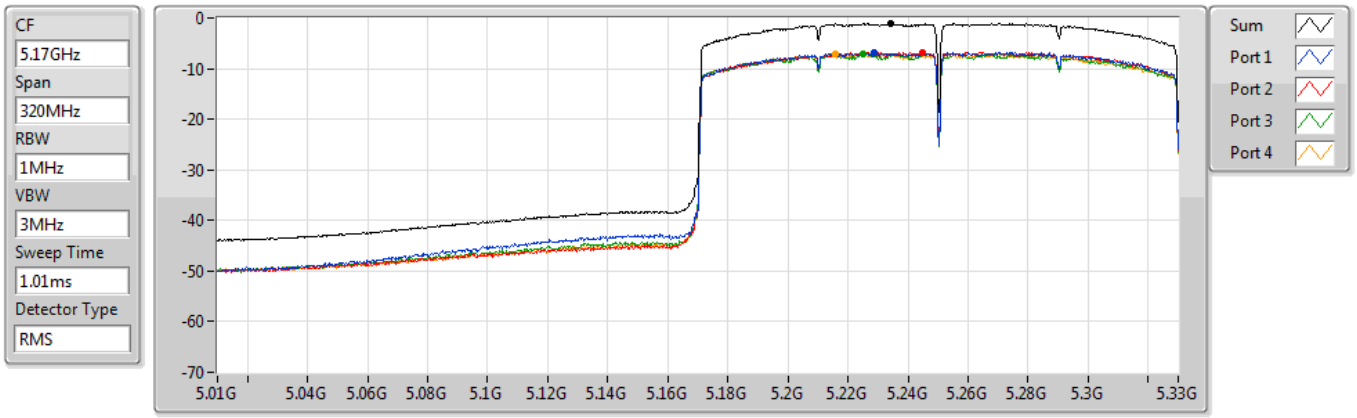
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.21	4.21	-1.92	-1.67	-1.65	-1.38

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

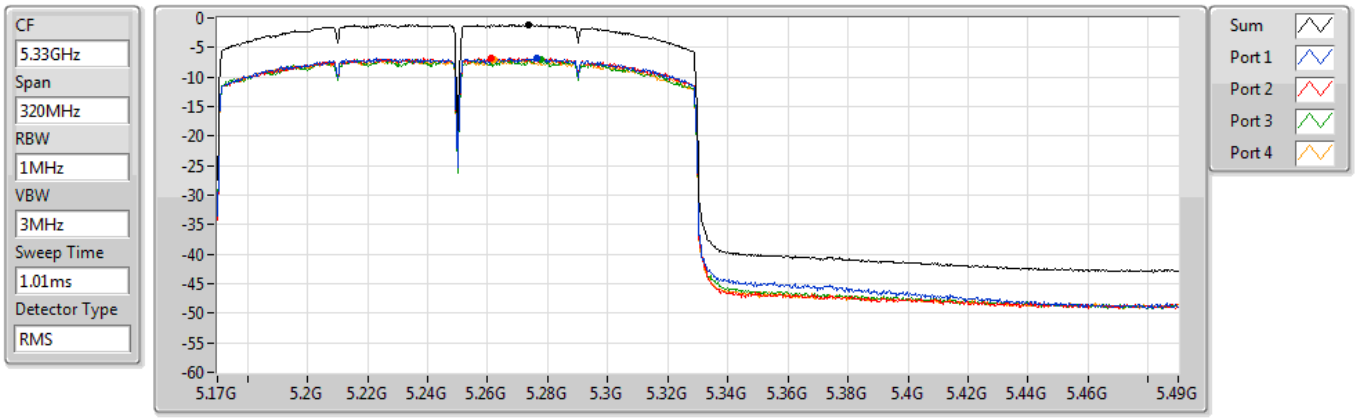
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.14	-1.14	-6.92	-6.73	-7.02	-7.03

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

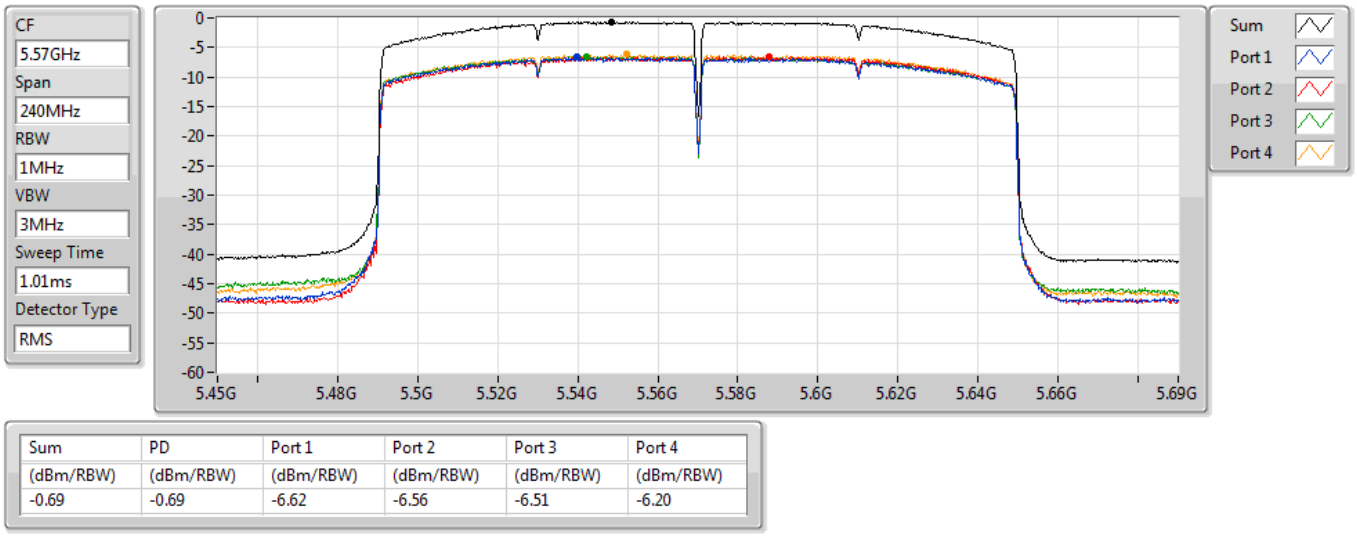
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.14	-1.14	-6.79	-6.79	-7.02	-7.06

802.11ax HEW160_Nss4,(MCS0)_4TX **PSD**

5570MHz

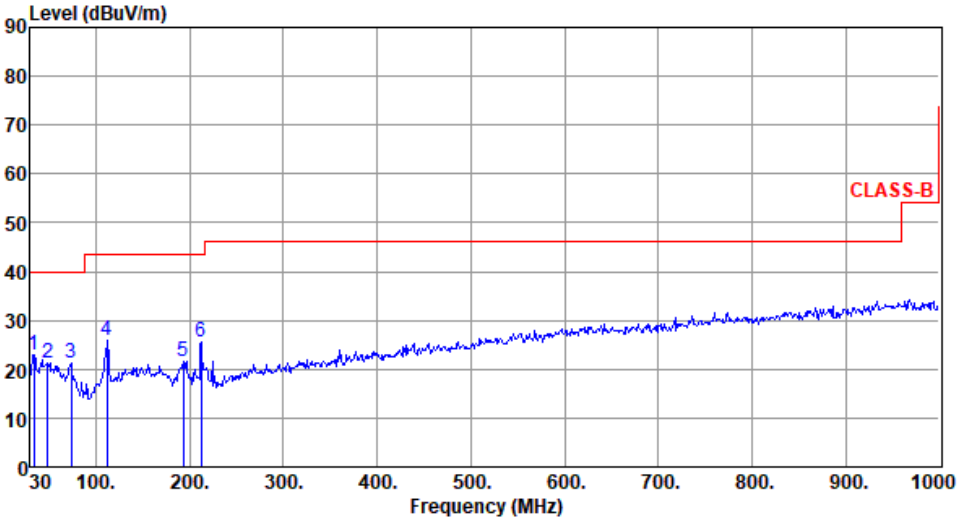


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.69	-0.69	-6.62	-6.56	-6.51	-6.20

Unwanted Emissions (Below 1GHz)

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

Test By :Akun Chung- Temperature(℃):25 Humidity(%):67

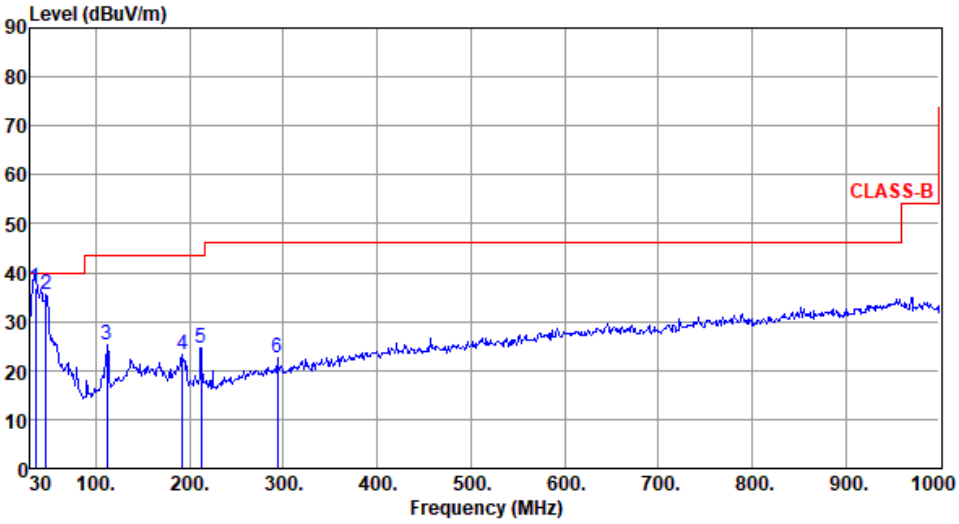


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	33.88	23.06	40.00	-16.94	32.61	-9.55	Peak	---	---
2	48.43	21.40	40.00	-18.60	29.56	-8.16	Peak	---	---
3	73.65	21.17	40.00	-18.83	33.28	-12.11	Peak	---	---
4	111.48	25.99	43.50	-17.51	37.73	-11.74	Peak	---	---
5	192.96	21.69	43.50	-21.81	33.28	-11.59	Peak	---	---
6	212.36	25.42	43.50	-18.08	37.36	-11.94	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 HE80	**Test Freq. (MHz)**	5610
Polarization	Vertical		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):67

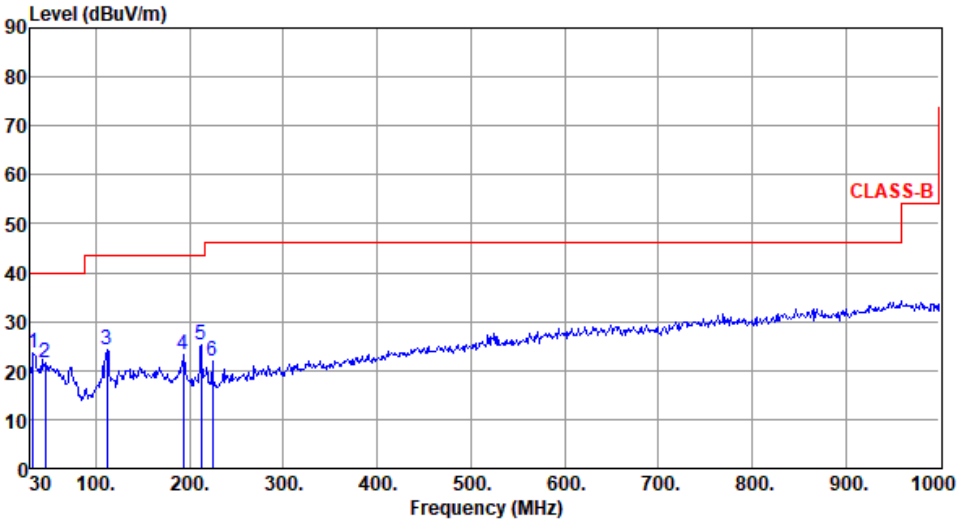


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	35.82	36.92	40.00	-3.08	46.30	-9.38	QP	100	37
2	46.49	35.70	40.00	-4.30	44.00	-8.30	Peak	---	---
3	111.48	25.40	43.50	-18.10	37.14	-11.74	Peak	---	---
4	191.99	23.30	43.50	-20.20	34.80	-11.50	Peak	---	---
5	212.36	24.71	43.50	-18.79	36.65	-11.94	Peak	---	---
6	293.84	22.72	46.00	-23.28	31.05	-8.33	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)**	5795
Polarization	Horizontal		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):67

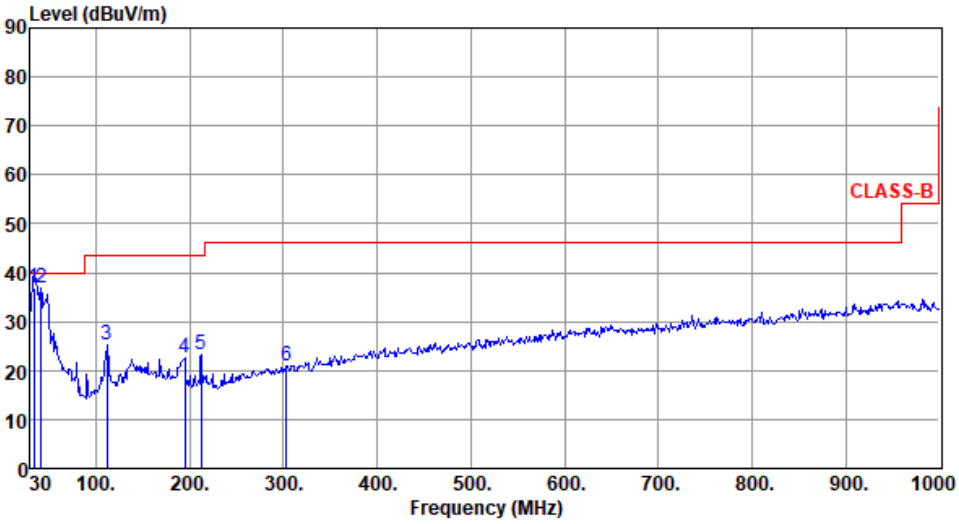


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	32.91	23.47	40.00	-16.53	33.19	-9.72	Peak	---	---
2	45.52	21.42	40.00	-18.58	29.63	-8.21	Peak	---	---
3	111.48	24.39	43.50	-19.11	36.13	-11.74	Peak	---	---
4	192.96	23.22	43.50	-20.28	34.81	-11.59	Peak	---	---
5	212.36	25.24	43.50	-18.26	37.18	-11.94	Peak	---	---
6	224.00	22.01	46.00	-23.99	34.09	-12.08	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)**	5795
Polarization	Vertical		

Test By :Akun Chung- Temperature(℃):25 Humidity(%):67



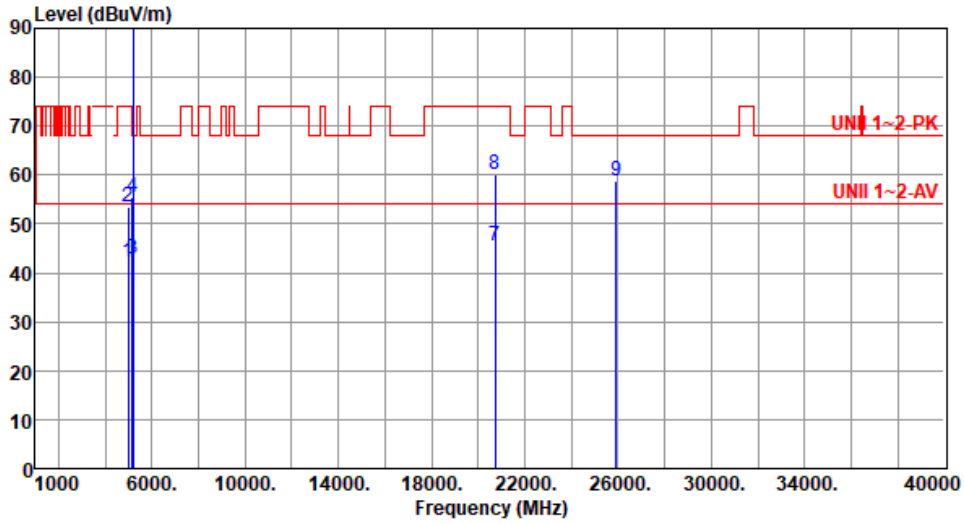
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	33.88	36.91	40.00	-3.09	46.46	-9.55	QP	100	41
2	41.64	36.74	40.00	-3.26	45.40	-8.66	Peak	---	---
3	111.48	25.24	43.50	-18.26	36.98	-11.74	Peak	---	---
4	194.90	22.62	43.50	-20.88	34.30	-11.68	Peak	---	---
5	212.36	23.16	43.50	-20.34	35.10	-11.94	Peak	---	---
6	303.54	20.82	46.00	-25.18	28.93	-8.11	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 :Brad Wu Temperature(℃):24 Humidity(%):64

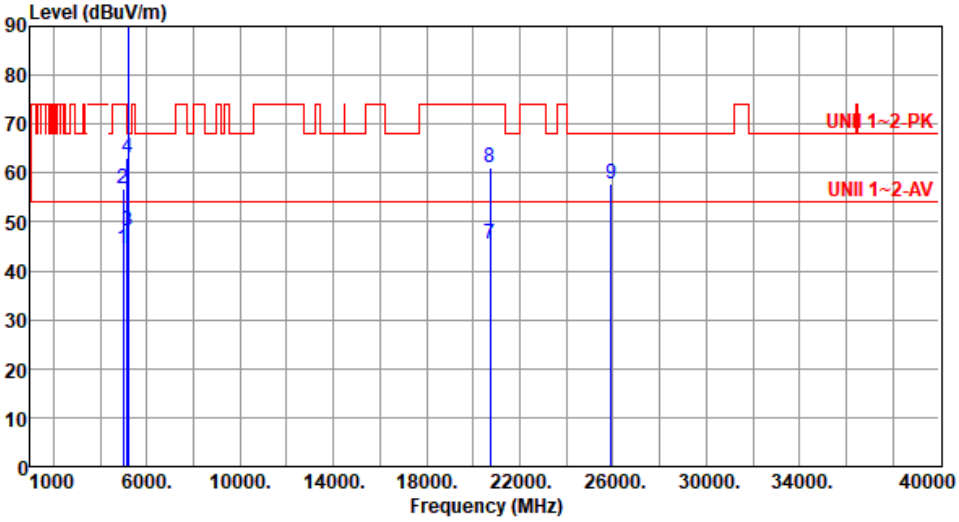


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		4988.00	42.10	54.00	-11.90	43.21	-1.11	Average	111	30
2		4988.00	53.43	74.00	-20.57	54.54	-1.11	Peak	111	30
3		5150.00	42.76	54.00	-11.24	42.96	-0.20	Average	111	30
4		5150.00	55.46	74.00	-18.54	55.66	-0.20	Peak	111	30
5	*	5180.00	95.90			96.15	-0.25	Average	111	30
6	*	5180.00	105.80			106.05	-0.25	Peak	111	30
7		20720.00	45.47	54.00	-8.53	43.10	2.37	Average	129	311
8		20720.00	60.01	74.00	-13.99	57.64	2.37	Peak	129	311
9		25900.00	58.65	68.20	-9.55	50.96	7.69	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	11a	Test Freq. (MHz)	5180
Polarization	Vertical		

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

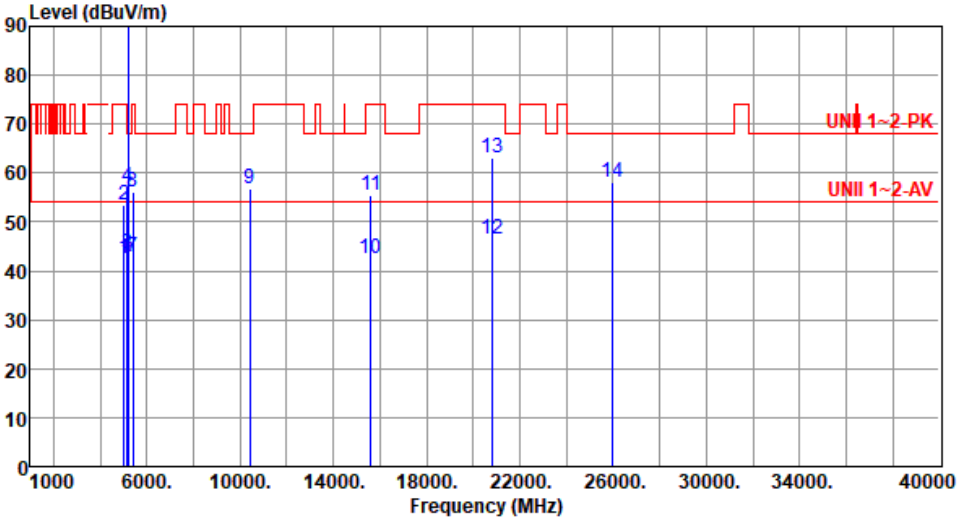


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		4988.00	44.53	54.00	-9.47	45.64	-1.11	Average	172	187
2		4988.00	56.67	74.00	-17.33	57.78	-1.11	Peak	172	187
3		5150.00	48.23	54.00	-5.77	48.43	-0.20	Average	196	195
4		5150.00	63.05	74.00	-10.95	63.25	-0.20	Peak	196	195
5	*	5180.00	105.56			105.81	-0.25	Average	178	188
6	*	5180.00	115.11			115.36	-0.25	Peak	178	188
7		20720.00	45.61	54.00	-8.39	43.24	2.37	Average	222	15
8		20720.00	60.94	74.00	-13.06	58.57	2.37	Peak	222	15
9		25900.00	57.88	68.20	-10.32	50.19	7.69	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)	5200
Polarization	Horizontal		

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

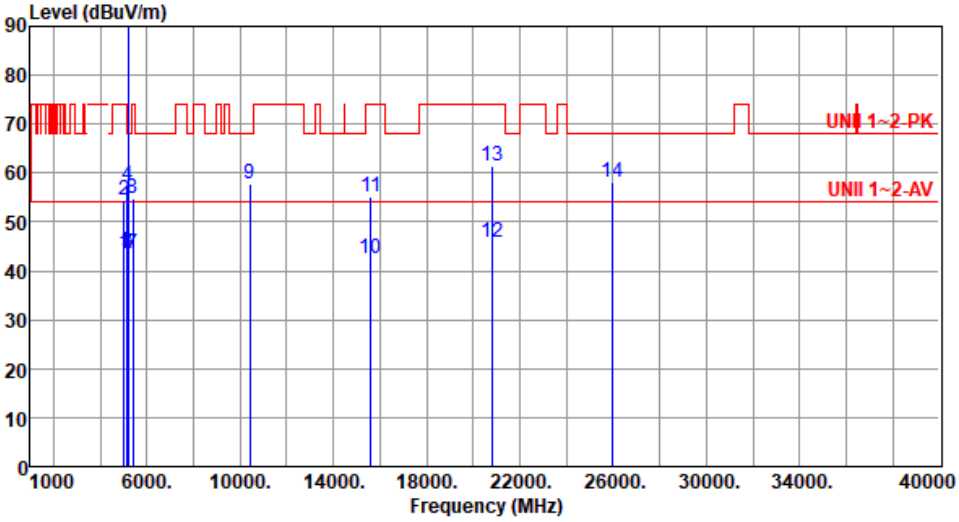


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5008.00	42.46	54.00	-11.54	43.56	-1.10	Average	101	34
2		5008.00	53.56	74.00	-20.44	54.66	-1.10	Peak	101	34
3		5150.00	43.39	54.00	-10.61	43.59	-0.20	Average	104	29
4		5150.00	57.09	74.00	-16.91	57.29	-0.20	Peak	104	29
5	*	5200.00	96.62			96.91	-0.29	Average	104	29
6	*	5200.00	106.16			106.45	-0.29	Peak	104	29
7		5392.00	42.85	54.00	-11.15	43.52	-0.67	Average	104	29
8		5392.00	56.12	74.00	-17.88	56.79	-0.67	Peak	104	29
9		10400.00	56.70	68.20	-11.50	50.24	6.46	Peak	100	354
10		15600.00	42.55	54.00	-11.45	39.68	2.87	Average	100	15
11		15600.00	55.45	74.00	-18.55	52.58	2.87	Peak	100	15
12		20800.00	46.60	54.00	-7.40	44.09	2.51	Average	129	312
13		20800.00	62.97	74.00	-11.03	60.46	2.51	Peak	129	312
14		26000.00	58.05	68.20	-10.15	50.13	7.92	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)	5200
Polarization	Vertical		

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

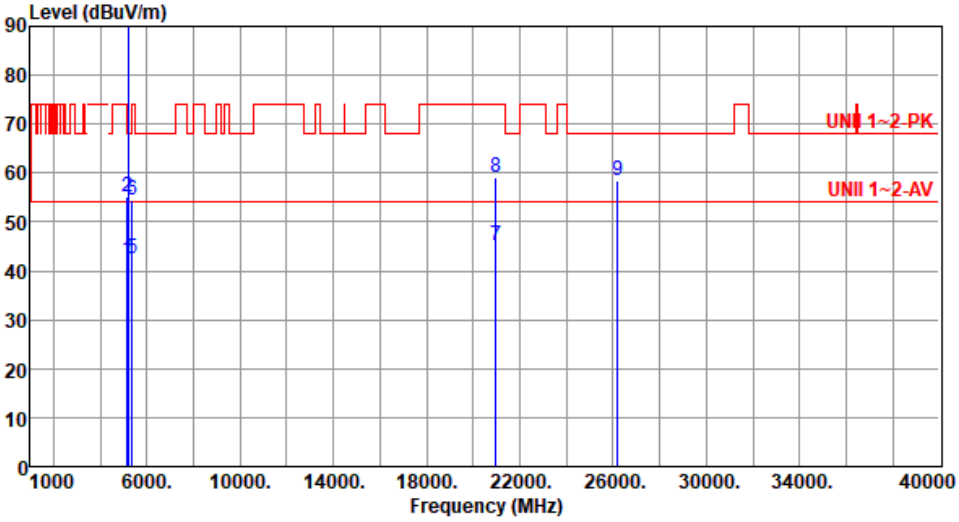


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5008.00	43.47	54.00	-10.53	44.57	-1.10	Average	188	211
2		5008.00	54.55	74.00	-19.45	55.65	-1.10	Peak	188	211
3		5150.00	43.88	54.00	-10.12	44.08	-0.20	Average	200	193
4		5150.00	57.36	74.00	-16.64	57.56	-0.20	Peak	200	193
5	*	5200.00	106.19			106.48	-0.29	Average	200	193
6	*	5200.00	115.80			116.09	-0.29	Peak	200	193
7		5392.00	43.39	54.00	-10.61	44.06	-0.67	Average	200	193
8		5392.00	54.83	74.00	-19.17	55.50	-0.67	Peak	200	193
9		10400.00	57.71	68.20	-10.49	51.25	6.46	Peak	250	13
10		15600.00	42.55	54.00	-11.45	39.68	2.87	Average	100	19
11		15600.00	55.15	74.00	-18.85	52.28	2.87	Peak	100	19
12		20800.00	45.99	54.00	-8.01	43.48	2.51	Average	224	11
13		20800.00	61.53	74.00	-12.47	59.02	2.51	Peak	224	11
14		26000.00	57.98	68.20	-10.22	50.06	7.92	Peak	100	53

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

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

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

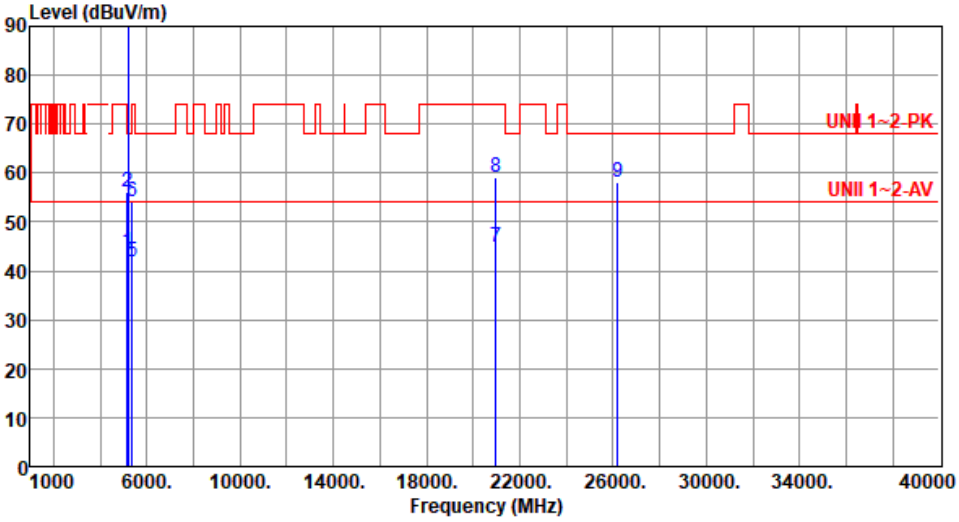


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	42.05	54.00	-11.95	42.25	-0.20	Average	100	25
2		5150.00	55.10	74.00	-18.90	55.30	-0.20	Peak	100	25
3	*	5240.00	95.85			96.37	-0.52	Average	100	25
4	*	5240.00	105.46			105.98	-0.52	Peak	100	25
5		5350.00	42.42	54.00	-11.58	43.27	-0.85	Average	100	25
6		5350.00	54.42	74.00	-19.58	55.27	-0.85	Peak	100	25
7		20960.00	45.22	54.00	-8.78	42.40	2.82	Average	133	315
8		20960.00	58.95	74.00	-15.05	56.13	2.82	Peak	133	315
9		26200.00	58.58	68.20	-9.62	50.84	7.74	Peak	100	136

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

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

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

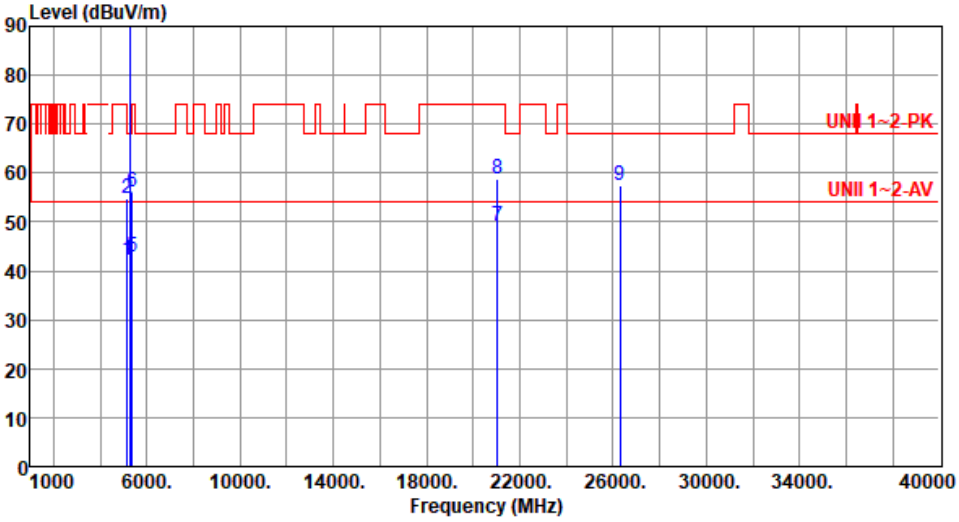


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	43.82	54.00	-10.18	44.02	-0.20	Average	199	192
2		5150.00	56.05	74.00	-17.95	56.25	-0.20	Peak	199	192
3	*	5240.00	105.73			106.25	-0.52	Average	199	192
4	*	5240.00	115.43			115.95	-0.52	Peak	199	192
5		5350.00	41.84	54.00	-12.16	42.69	-0.85	Average	199	192
6		5350.00	54.00	74.00	-20.00	54.85	-0.85	Peak	199	192
7		20960.00	44.83	54.00	-9.17	42.01	2.82	Average	224	13
8		20960.00	59.09	74.00	-14.91	56.27	2.82	Peak	224	13
9		26200.00	58.06	68.20	-10.14	50.32	7.74	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	11a	Test Freq. (MHz)	5260
Polarization	Horizontal		

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

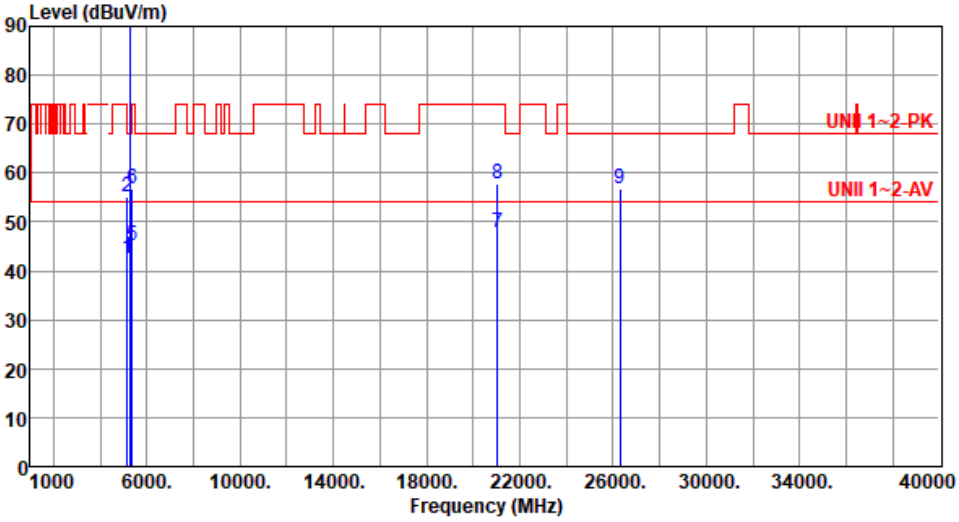


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	42.08	54.00	-11.92	42.28	-0.20	Average	191	190
2		5150.00	54.65	74.00	-19.35	54.85	-0.20	Peak	191	190
3	*	5260.00	95.28			95.87	-0.59	Average	191	190
4	*	5260.00	104.59	-----	-----	105.18	-0.59	Peak	191	190
5		5350.00	43.00	54.00	-11.00	43.85	-0.85	Average	191	190
6		5350.00	56.07	74.00	-17.93	56.92	-0.85	Peak	191	190
7		21040.00	49.11	54.00	-4.89	46.15	2.96	Average	100	339
8		21040.00	58.78	74.00	-15.22	55.82	2.96	Peak	100	339
9		26300.00	57.54	68.20	-10.66	49.87	7.67	Peak	100	182

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

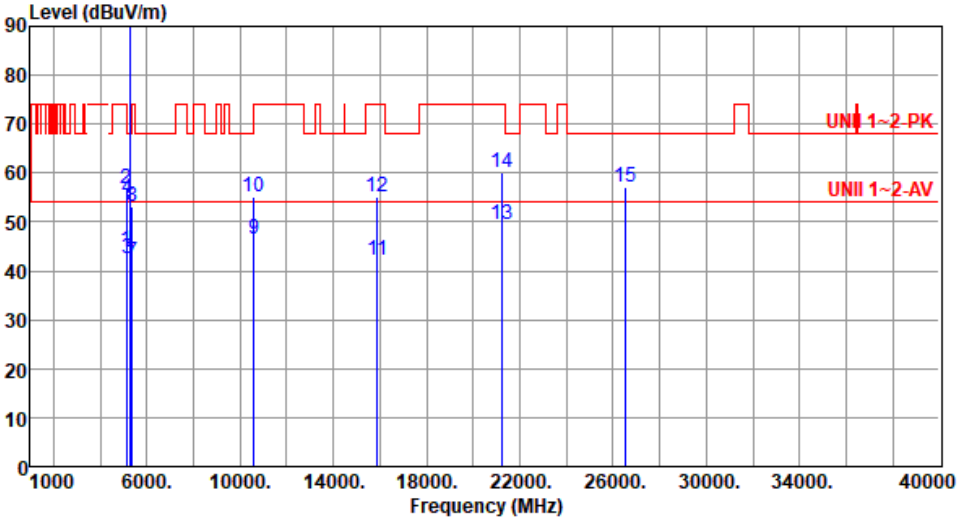


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	42.60	54.00	-11.40	42.80	-0.20	Average	180	185
2		5150.00	55.12	74.00	-18.88	55.32	-0.20	Peak	180	185
3	*	5260.00	105.18			105.77	-0.59	Average	180	185
4	*	5260.00	114.36			114.95	-0.59	Peak	180	185
5		5350.00	45.03	54.00	-8.97	45.88	-0.85	Average	180	185
6		5350.00	56.73	74.00	-17.27	57.58	-0.85	Peak	180	185
7		21040.00	47.91	54.00	-6.09	44.95	2.96	Average	125	344
8		21040.00	57.84	74.00	-16.16	54.88	2.96	Peak	125	344
9		26300.00	56.93	68.20	-11.27	49.26	7.67	Peak	100	145

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

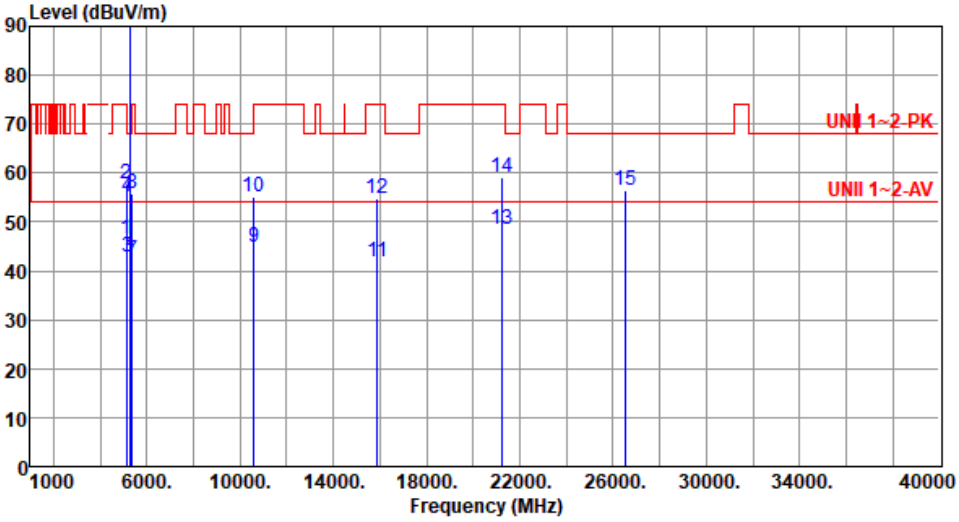


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5108.00	44.13	54.00	-9.87	44.51	-0.38	Average	197	188
2		5108.00	56.81	74.00	-17.19	57.19	-0.38	Peak	197	188
3		5150.00	42.55	54.00	-11.45	42.75	-0.20	Average	195	186
4		5150.00	54.93	74.00	-19.07	55.13	-0.20	Peak	195	186
5	*	5300.00	95.40			96.06	-0.66	Average	195	186
6	*	5300.00	104.76			105.42	-0.66	Peak	195	186
7		5350.00	41.92	54.00	-12.08	42.77	-0.85	Average	195	186
8		5350.00	53.08	74.00	-20.92	53.93	-0.85	Peak	195	186
9		10600.00	46.37	54.00	-7.63	39.88	6.49	Average	166	348
10		10600.00	54.97	74.00	-19.03	48.48	6.49	Peak	166	348
11		15900.00	42.08	54.00	-11.92	38.75	3.33	Average	100	330
12		15900.00	55.22	74.00	-18.78	51.89	3.33	Peak	100	330
13		21200.00	49.48	54.00	-4.52	46.26	3.22	Average	151	296
14		21200.00	60.04	74.00	-13.96	56.82	3.22	Peak	151	296
15		26500.00	57.13	68.20	-11.07	49.48	7.65	Peak	100	281

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

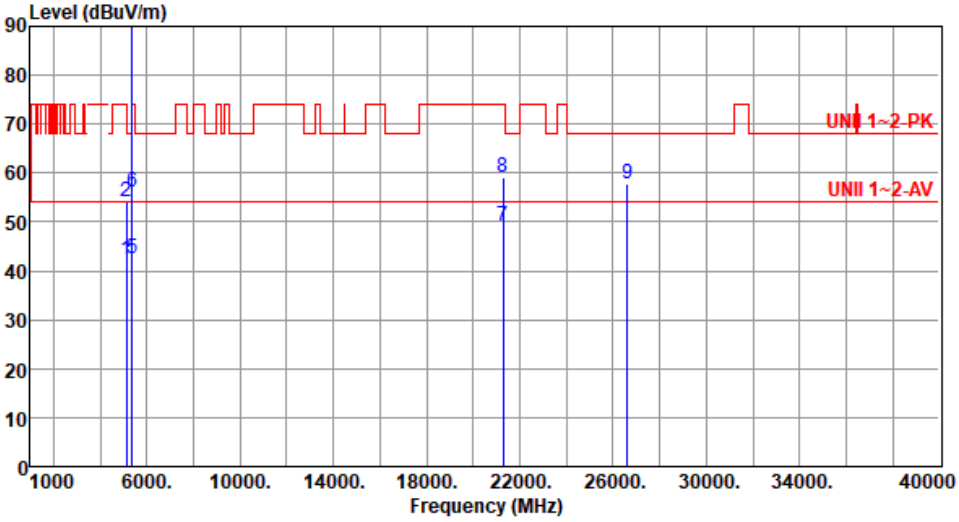


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5108.00	46.53	54.00	-7.47	46.91	-0.38	Average	186	185
2		5108.00	57.78	74.00	-16.22	58.16	-0.38	Peak	186	185
3		5150.00	42.75	54.00	-11.25	42.95	-0.20	Average	176	187
4		5150.00	55.19	74.00	-18.81	55.39	-0.20	Peak	176	187
5	*	5300.00	105.27			105.93	-0.66	Average	176	187
6	*	5300.00	114.72			115.38	-0.66	Peak	176	187
7		5350.00	42.28	54.00	-11.72	43.13	-0.85	Average	176	187
8		5350.00	55.77	74.00	-18.23	56.62	-0.85	Peak	176	187
9		10600.00	44.71	54.00	-9.29	38.22	6.49	Average	164	2
10		10600.00	54.98	74.00	-19.02	48.49	6.49	Peak	164	2
11		15900.00	41.70	54.00	-12.30	38.37	3.33	Average	100	15
12		15900.00	54.77	74.00	-19.23	51.44	3.33	Peak	100	15
13		21200.00	48.54	54.00	-5.46	45.32	3.22	Average	100	344
14		21200.00	59.14	74.00	-14.86	55.92	3.22	Peak	100	344
15		26500.00	56.54	68.20	-11.66	48.89	7.65	Peak	100	350

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

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

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

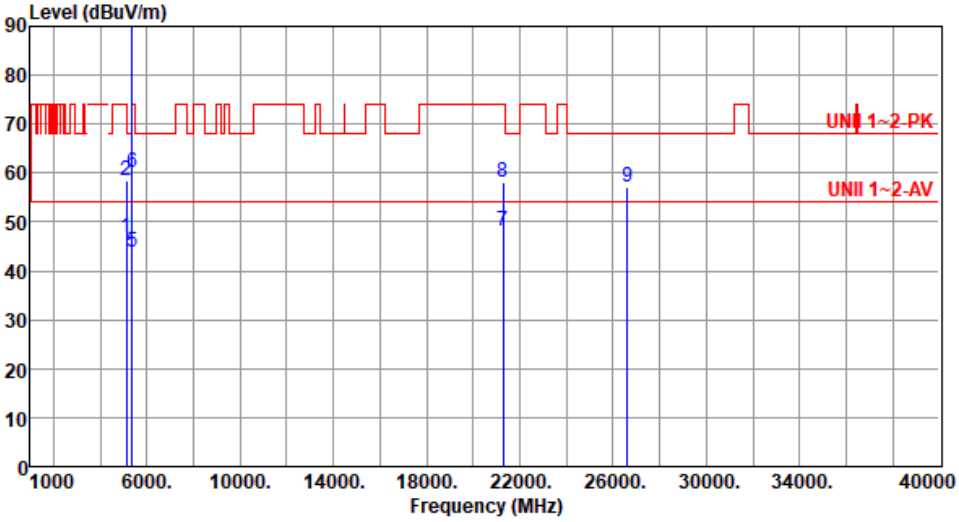


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5128.00	42.29	54.00	-11.71	42.59	-0.30	Average	100	31
2		5128.00	54.29	74.00	-19.71	54.59	-0.30	Peak	100	31
3	*	5320.00	95.54			96.28	-0.74	Average	100	31
4	*	5320.00	105.11			105.85	-0.74	Peak	100	31
5		5350.00	42.40	54.00	-11.60	43.25	-0.85	Average	100	31
6		5350.00	56.00	74.00	-18.00	56.85	-0.85	Peak	100	31
7		21280.00	49.03	54.00	-4.97	45.71	3.32	Average	123	321
8		21280.00	59.19	74.00	-14.81	55.87	3.32	Peak	123	321
9		26600.00	57.90	68.20	-10.30	49.89	8.01	Peak	100	185

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

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

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

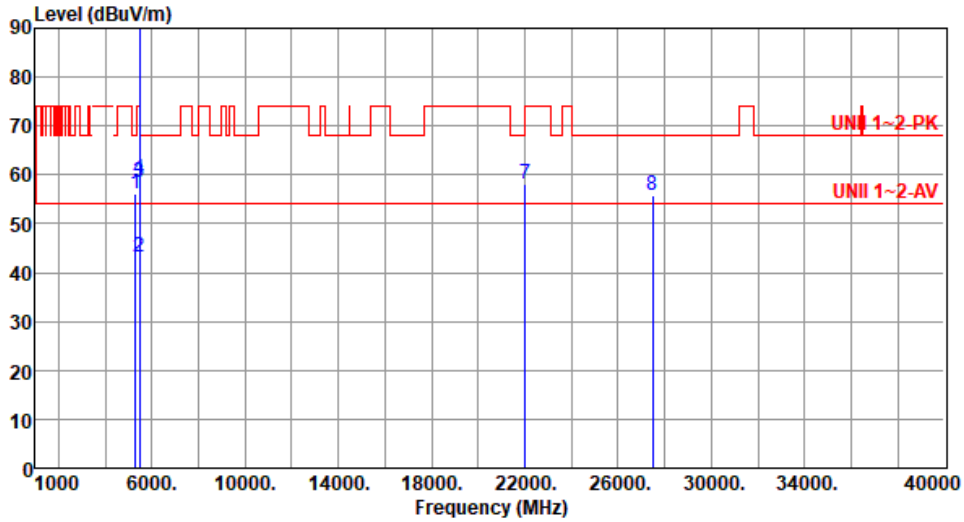


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5128.00	46.89	54.00	-7.11	47.19	-0.30	Average	173	187
2		5128.00	58.51	74.00	-15.49	58.81	-0.30	Peak	173	187
3	*	5320.00	104.69			105.43	-0.74	Average	178	186
4	*	5320.00	114.18			114.92	-0.74	Peak	178	186
5		5350.00	43.92	54.00	-10.08	44.77	-0.85	Average	178	186
6		5350.00	60.07	74.00	-13.93	60.92	-0.85	Peak	178	186
7		21280.00	48.24	54.00	-5.76	44.92	3.32	Average	124	350
8		21280.00	58.16	74.00	-15.84	54.84	3.32	Peak	124	350
9		26600.00	57.26	68.20	-10.94	49.25	8.01	Peak	100	139

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

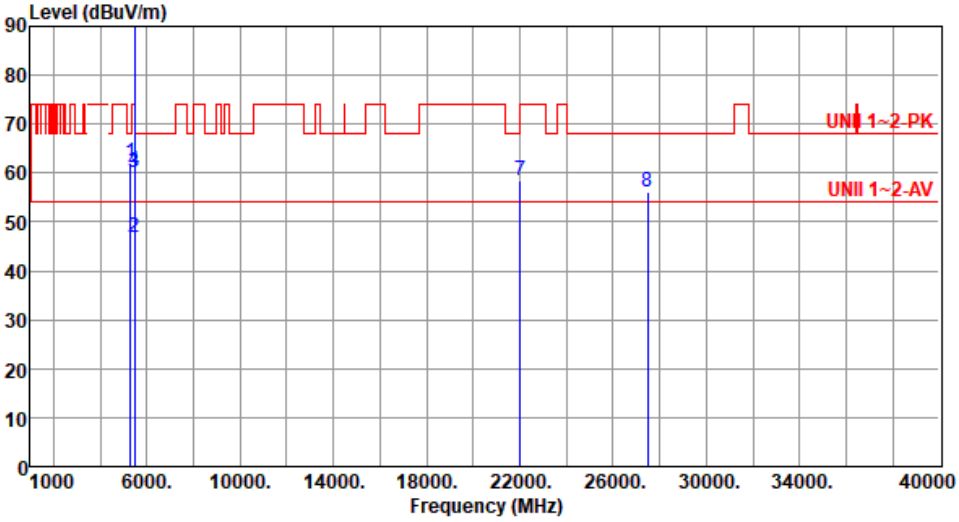


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5308.00	56.27	68.20	-11.93	56.96	-0.69	Peak	166	206
2		5460.00	43.34	54.00	-10.66	43.96	-0.62	Average	166	206
3		5460.00	58.34	74.00	-15.66	58.96	-0.62	Peak	166	206
4		5470.00	59.01	68.20	-9.19	59.60	-0.59	Peak	166	206
5	*	5500.00	94.58			95.11	-0.53	Average	166	206
6	*	5500.00	103.75			104.28	-0.53	Peak	166	206
7		22000.00	58.08	68.20	-10.12	54.22	3.86	Peak	338	312
8		27500.00	55.76	68.20	-12.44	47.75	8.01	Peak	100	300

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

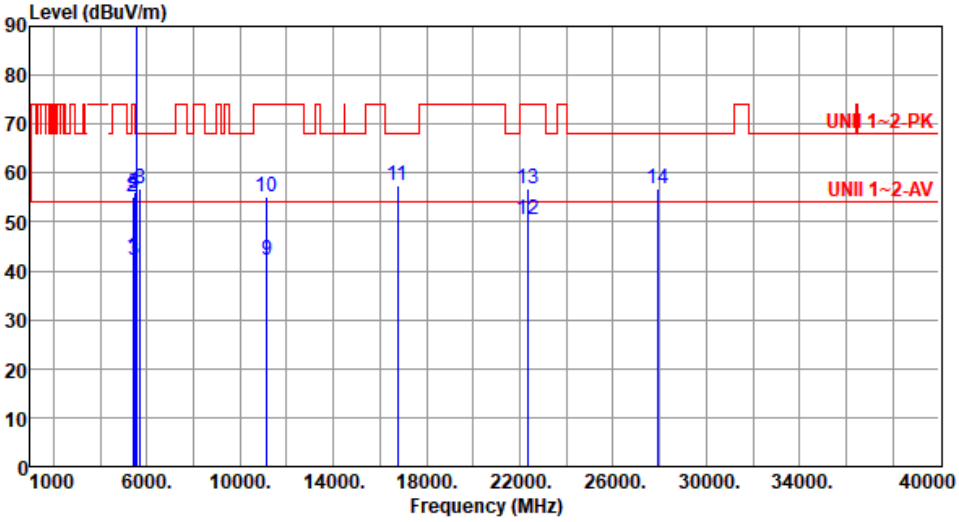


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5308.00	62.23	68.20	-5.97	62.92	-0.69	Peak	195	185
2		5460.00	46.69	54.00	-7.31	47.31	-0.62	Average	195	185
3		5460.00	60.25	74.00	-13.75	60.87	-0.62	Peak	195	185
4		5470.00	60.61	68.20	-7.59	61.20	-0.59	Peak	195	185
5	*	5500.00	106.29			106.82	-0.53	Average	195	185
6	*	5500.00	115.60			116.13	-0.53	Peak	195	185
7		22000.00	58.40	68.20	-9.80	54.54	3.86	Peak	351	332
8		27500.00	56.26	68.20	-11.94	48.25	8.01	Peak	100	320

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

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

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

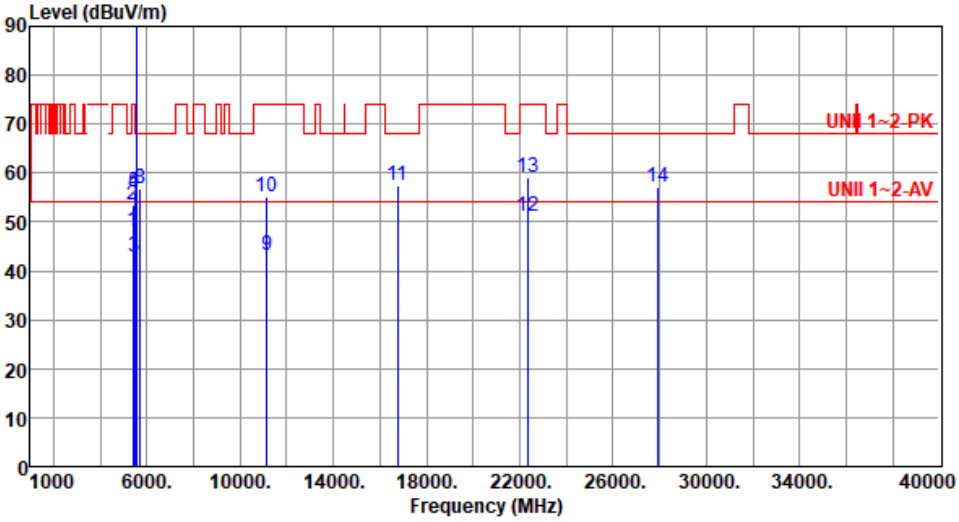


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5388.00	42.77	54.00	-11.23	43.46	-0.69	Average	156	205
2		5388.00	55.29	74.00	-18.71	55.98	-0.69	Peak	156	205
3		5460.00	42.26	54.00	-11.74	42.88	-0.62	Average	156	204
4		5460.00	56.20	74.00	-17.80	56.82	-0.62	Peak	156	204
5		5470.00	55.71	68.20	-12.49	56.30	-0.59	Peak	156	204
6	*	5580.00	94.22			94.83	-0.61	Average	156	204
7	*	5580.00	103.43			104.04	-0.61	Peak	156	204
8		5725.00	56.73	68.20	-11.47	56.83	-0.10	Peak	156	204
9		11160.00	42.18	54.00	-11.82	36.06	6.12	Average	100	26
10		11160.00	55.13	74.00	-18.87	49.01	6.12	Peak	100	26
11		16740.00	57.41	68.20	-10.79	51.07	6.34	Peak	100	222
12		22320.00	50.37	54.00	-3.63	45.78	4.59	Average	341	309
13		22320.00	56.69	74.00	-17.31	52.10	4.59	Peak	341	309
14		27900.00	56.81	68.20	-11.39	47.87	8.94	Peak	100	298

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

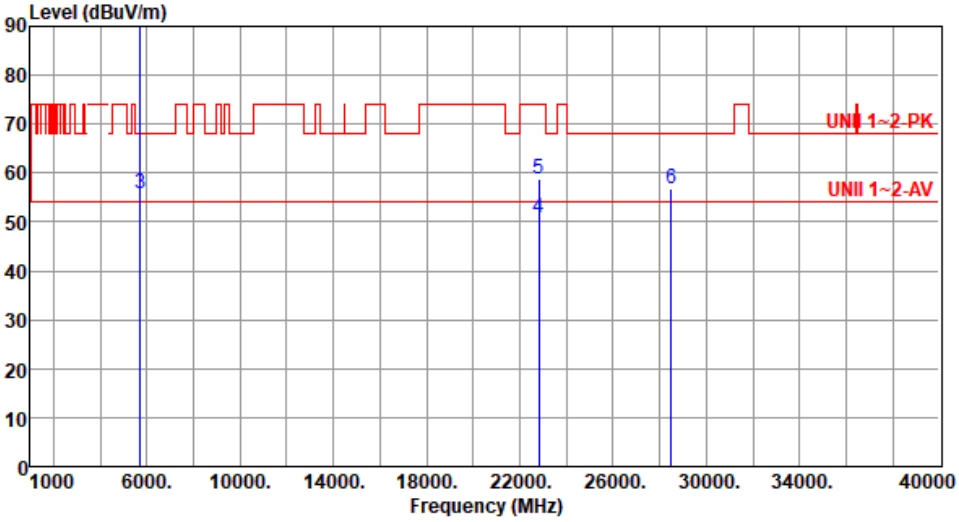


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5388.00	48.21	54.00	-5.79	48.90	-0.69	Average	183	185
2		5388.00	53.43	74.00	-20.57	54.12	-0.69	Peak	183	185
3		5460.00	42.73	54.00	-11.27	43.35	-0.62	Average	184	185
4		5460.00	56.17	74.00	-17.83	56.79	-0.62	Peak	184	185
5		5470.00	56.06	68.20	-12.14	56.65	-0.59	Peak	184	185
6	*	5580.00	105.68			106.29	-0.61	Average	184	185
7	*	5580.00	115.25			115.86	-0.61	Peak	184	185
8		5725.00	56.68	68.20	-11.52	56.78	-0.10	Peak	184	185
9		11160.00	43.30	54.00	-10.70	37.18	6.12	Average	100	10
10		11160.00	55.15	74.00	-18.85	49.03	6.12	Peak	100	10
11		16740.00	57.35	68.20	-10.85	51.01	6.34	Peak	100	123
12		22320.00	51.26	54.00	-2.74	46.67	4.59	Average	349	330
13		22320.00	59.11	74.00	-14.89	54.52	4.59	Peak	349	330
14		27900.00	57.28	68.20	-10.92	48.34	8.94	Peak	100	318

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

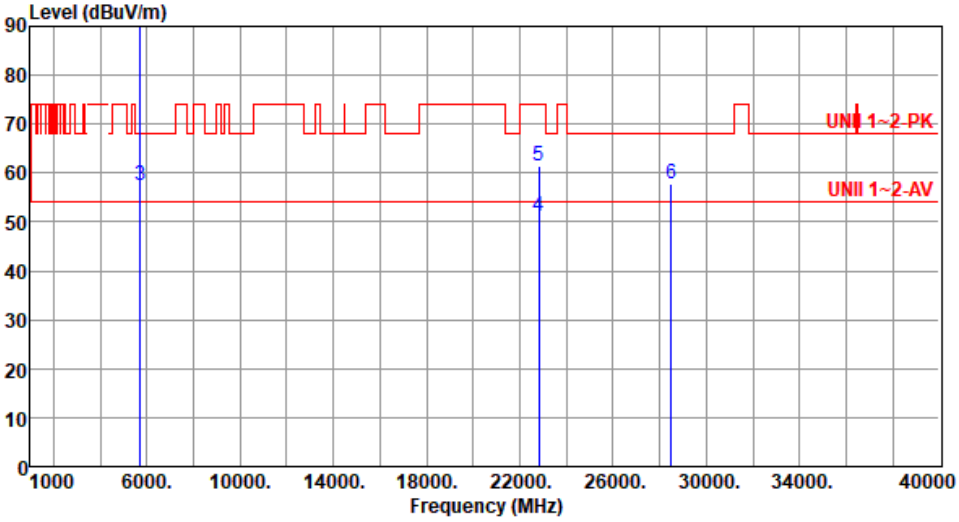


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5700.00	95.10			95.36	-0.26	Average	151	211
2	*	5700.00	104.85			105.11	-0.26	Peak	151	211
3		5725.00	55.78	68.20	-12.42	55.88	-0.10	Peak	151	211
4		22800.00	50.69	54.00	-3.31	44.95	5.74	Average	333	318
5		22800.00	58.89	74.00	-15.11	53.15	5.74	Peak	333	318
6		28500.00	56.94	68.20	-11.26	47.80	9.14	Peak	100	303

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

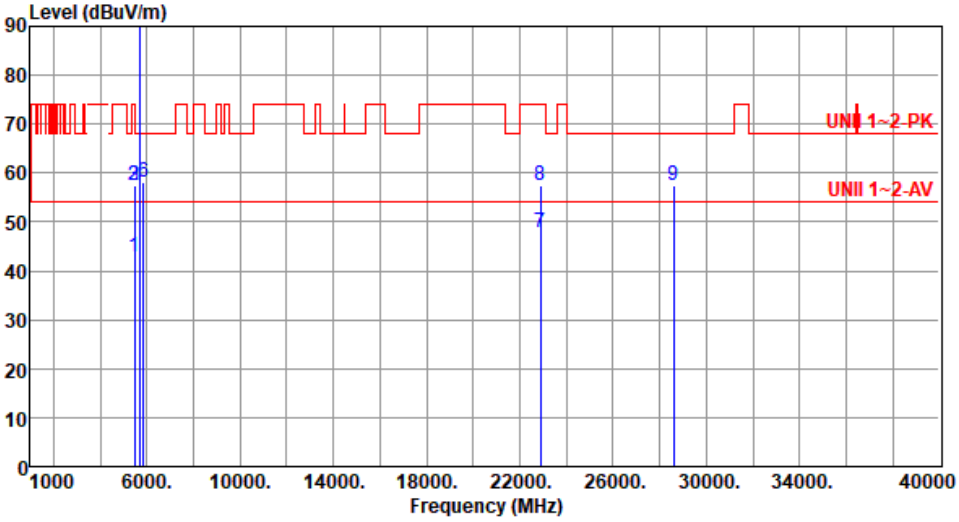


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5700.00	106.00			106.26	-0.26	Average	226	186
2	*	5700.00	115.52			115.78	-0.26	Peak	226	186
3		5725.00	57.44	68.20	-10.76	57.54	-0.10	Peak	198	216
4		22800.00	51.15	54.00	-2.85	45.41	5.74	Average	329	329
5		22800.00	61.56	74.00	-12.44	55.82	5.74	Peak	329	329
6		28500.00	57.72	68.20	-10.48	48.58	9.14	Peak	100	315

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

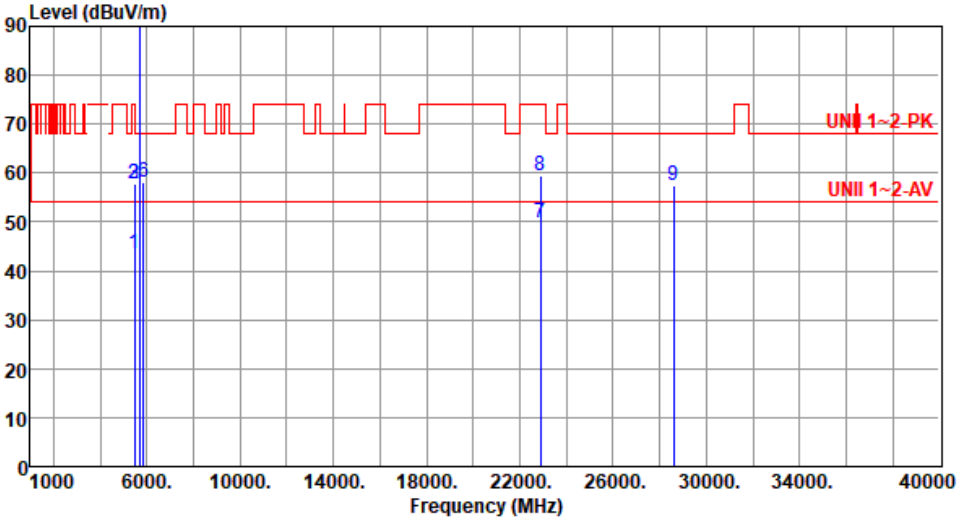


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	42.89	54.00	-11.11	43.51	-0.62	Average	152	202
2		5460.00	57.34	74.00	-16.66	57.96	-0.62	Peak	152	202
3		5470.00	57.40	68.20	-10.80	57.99	-0.59	Peak	152	202
4	*	5720.00	95.05			95.18	-0.13	Average	152	202
5	*	5720.00	104.15			104.28	-0.13	Peak	152	202
6		5850.00	57.96	68.20	-10.24	57.57	0.39	Peak	152	202
7		22880.00	47.77	54.00	-6.23	41.87	5.90	Average	195	355
8		22880.00	57.45	74.00	-16.55	51.55	5.90	Peak	195	355
9		28600.00	57.38	68.20	-10.82	47.94	9.44	Peak	335	305

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

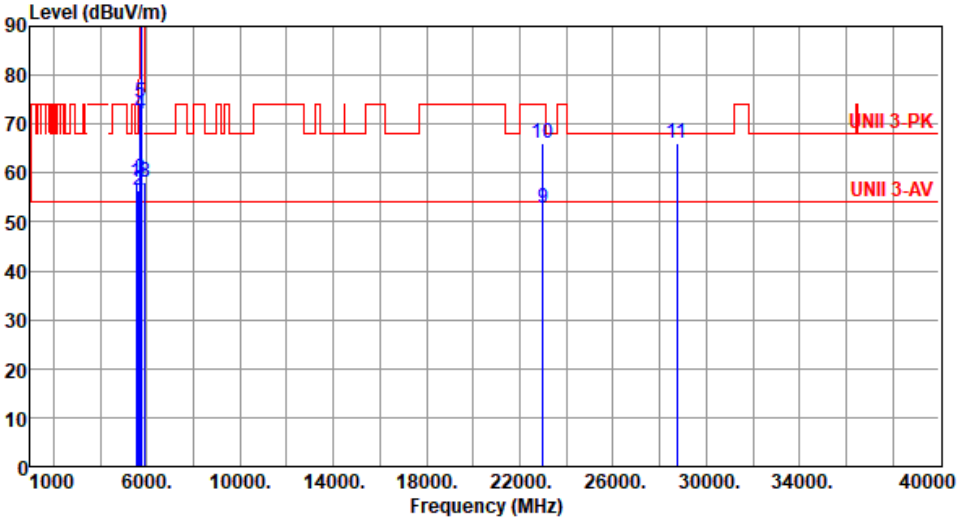


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.36	54.00	-10.64	43.98	-0.62	Average	190	178
2		5460.00	57.72	74.00	-16.28	58.34	-0.62	Peak	190	178
3		5470.00	57.69	68.20	-10.51	58.28	-0.59	Peak	190	178
4	*	5720.00	105.57			105.70	-0.13	Average	190	178
5	*	5720.00	115.17			115.30	-0.13	Peak	190	178
6		5850.00	58.25	68.20	-9.95	57.86	0.39	Peak	190	178
7		22880.00	49.75	54.00	-4.25	43.85	5.90	Average	335	332
8		22880.00	59.48	74.00	-14.52	53.58	5.90	Peak	335	332
9		28600.00	57.58	68.20	-10.62	48.14	9.44	Peak	100	20

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

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

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

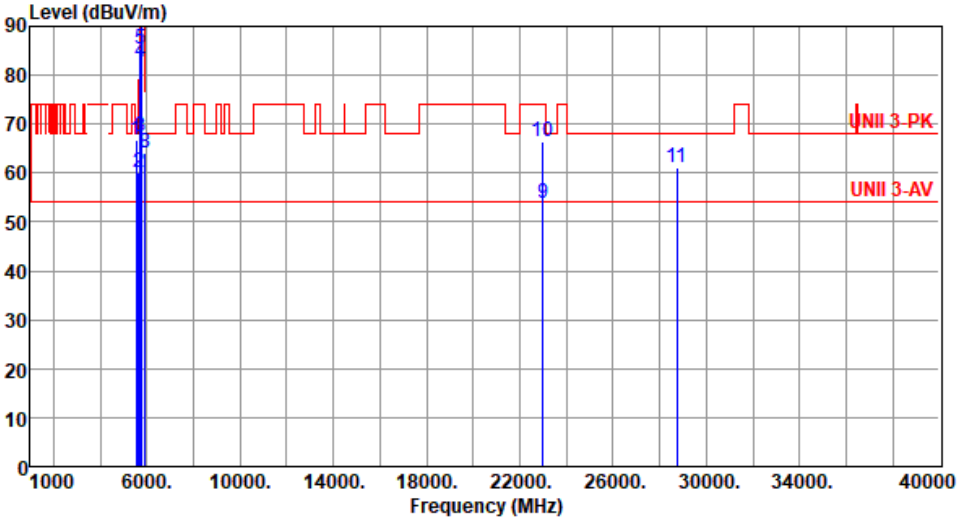


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5553.00	58.02	68.20	-10.18	58.64	-0.62	Peak	100	28
2		5650.00	56.37	68.20	-11.83	56.84	-0.47	Peak	100	28
3		5700.00	58.69	105.20	-46.51	58.95	-0.26	Peak	100	28
4		5720.00	71.98	110.80	-38.82	72.11	-0.13	Peak	100	28
5		5725.00	74.23	122.20	-47.97	74.33	-0.10	Peak	100	28
6	*	5745.00	101.21			101.18	0.03	Average	100	28
7	*	5745.00	111.55			111.52	0.03	Peak	100	28
8		5925.00	58.24	68.20	-9.96	57.88	0.36	Peak	100	28
9		22980.00	52.86	54.00	-1.14	46.76	6.10	Average	263	310
10		22980.00	65.98	74.00	-8.02	59.88	6.10	Peak	263	310
11		28725.00	66.19	68.20	-2.01	56.39	9.80	Peak	178	315

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

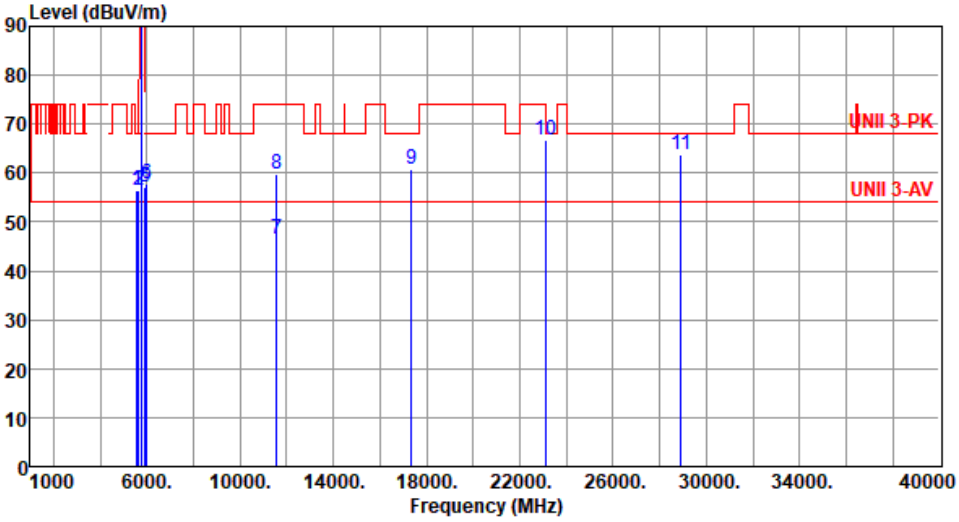


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5553.00	66.75	68.20	-1.45	67.37	-0.62	Peak	193	185
2		5650.00	60.05	68.20	-8.15	60.52	-0.47	Peak	218	185
3		5700.00	67.51	105.20	-37.69	67.77	-0.26	Peak	218	185
4		5720.00	82.80	110.80	-28.00	82.93	-0.13	Peak	218	185
5		5725.00	85.48	122.20	-36.72	85.58	-0.10	Peak	218	185
6	*	5745.00	114.07			114.04	0.03	Average	218	185
7	*	5745.00	123.83			123.80	0.03	Peak	218	185
8		5925.00	64.08	68.20	-4.12	63.72	0.36	Peak	218	185
9		22980.00	53.75	54.00	-0.25	47.65	6.10	Average	201	8
10		22980.00	66.54	74.00	-7.46	60.44	6.10	Peak	201	8
11		28725.00	61.02	68.20	-7.18	51.22	9.80	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)	5785
Polarization	Horizontal		

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

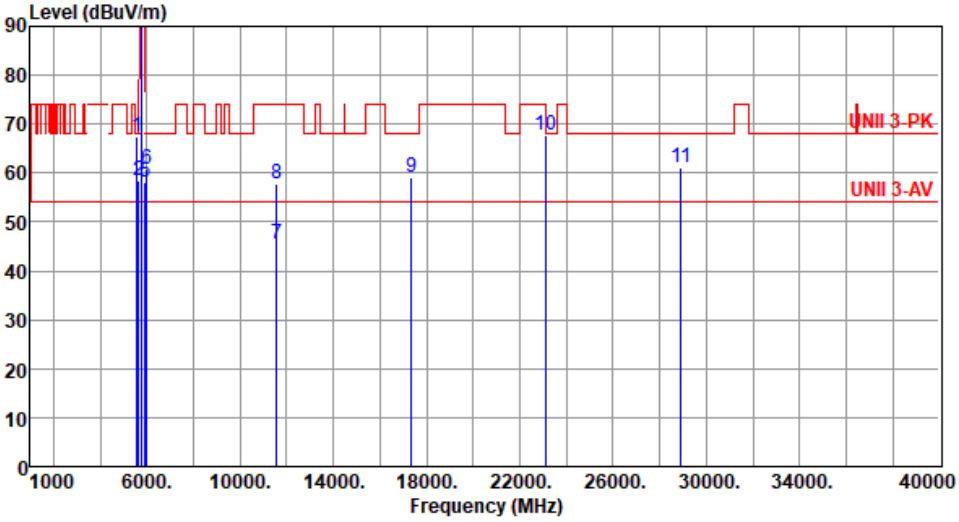


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5593.00	56.51	68.20	-11.69	57.11	-0.60	Peak	100	23
2		5650.00	56.40	68.20	-11.80	56.87	-0.47	Peak	100	23
3	*	5785.00	101.12			100.98	0.14	Average	100	23
4	*	5785.00	111.40			111.26	0.14	Peak	100	23
5		5925.00	57.11	68.20	-11.09	56.75	0.36	Peak	100	23
6		5977.00	57.77	68.20	-10.43	57.45	0.32	Peak	100	23
7		11570.00	46.37	54.00	-7.63	40.05	6.32	Average	100	66
8		11570.00	59.76	74.00	-14.24	53.44	6.32	Peak	100	66
9		17355.00	60.84	68.20	-7.36	55.08	5.76	Peak	191	317
10		23140.00	66.81	68.20	-1.39	60.56	6.25	Peak	256	309
11		28925.00	63.73	68.20	-4.47	53.98	9.75	Peak	174	316

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

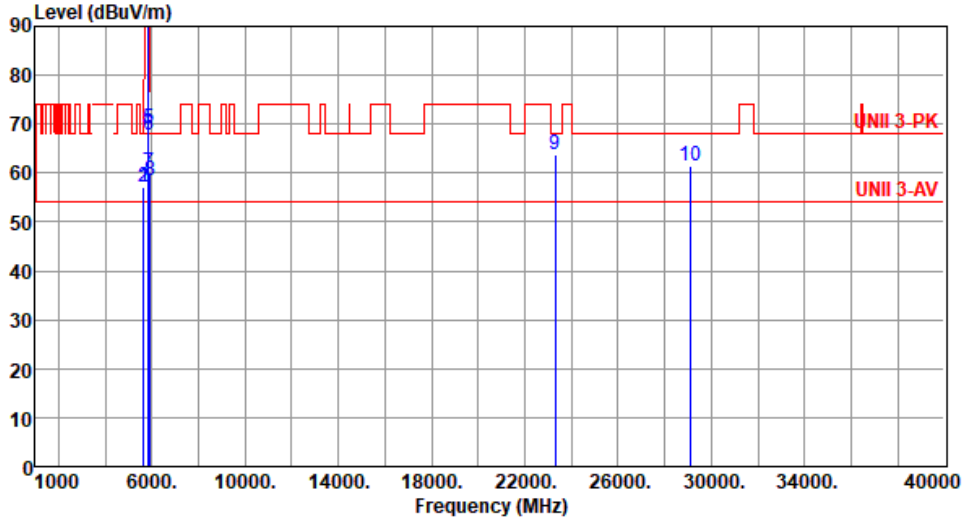


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5593.00	67.32	68.20	-0.88	67.92	-0.60	Peak	216	191
2		5650.00	58.49	68.20	-9.71	58.96	-0.47	Peak	204	190
3	*	5785.00	114.41			114.27	0.14	Average	204	190
4	*	5785.00	123.75			123.61	0.14	Peak	204	190
5		5925.00	58.00	68.20	-10.20	57.64	0.36	Peak	204	190
6		5977.00	60.77	68.20	-7.43	60.45	0.32	Peak	204	190
7		11570.00	45.60	54.00	-8.40	39.28	6.32	Average	100	339
8		11570.00	57.94	74.00	-16.06	51.62	6.32	Peak	100	339
9		17355.00	59.27	68.20	-8.93	53.51	5.76	Peak	100	15
10		23140.00	67.80	68.20	-0.40	61.55	6.25	Peak	195	9
11		28925.00	61.19	68.20	-7.01	51.44	9.75	Peak	323	5

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

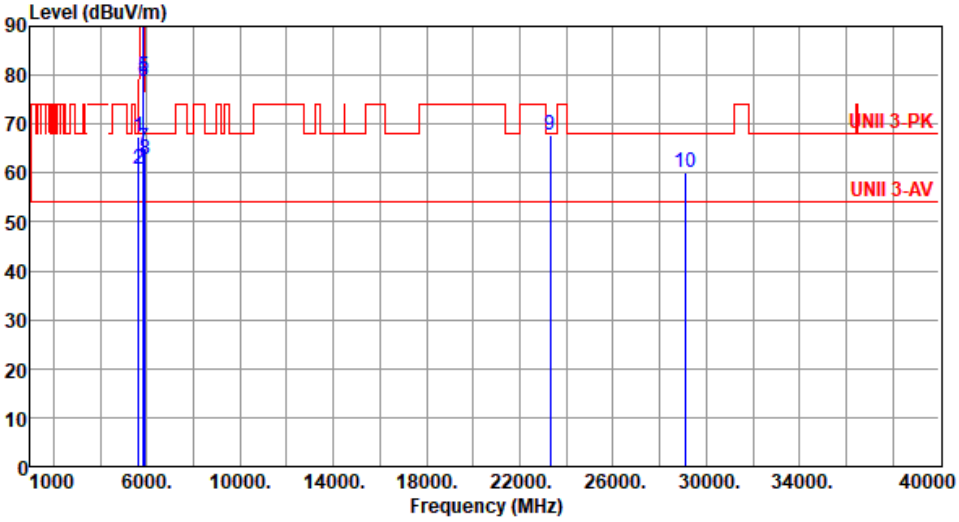


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5633.00	57.06	68.20	-11.14	57.57	-0.51	Peak	100	28
2		5650.00	57.04	68.20	-11.16	57.51	-0.47	Peak	100	28
3	*	5825.00	101.54			101.25	0.29	Average	100	28
4	*	5825.00	111.54			111.25	0.29	Peak	100	28
5		5850.00	68.97	122.20	-53.23	68.58	0.39	Peak	100	28
6		5855.00	67.64	110.80	-43.16	67.25	0.39	Peak	100	28
7		5875.00	60.26	105.20	-44.94	59.86	0.40	Peak	100	28
8		5925.00	58.60	68.20	-9.60	58.24	0.36	Peak	100	28
9		23300.00	63.73	68.20	-4.47	57.36	6.37	Peak	257	310
10		29125.00	61.45	68.20	-6.75	51.67	9.78	Peak	175	310

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



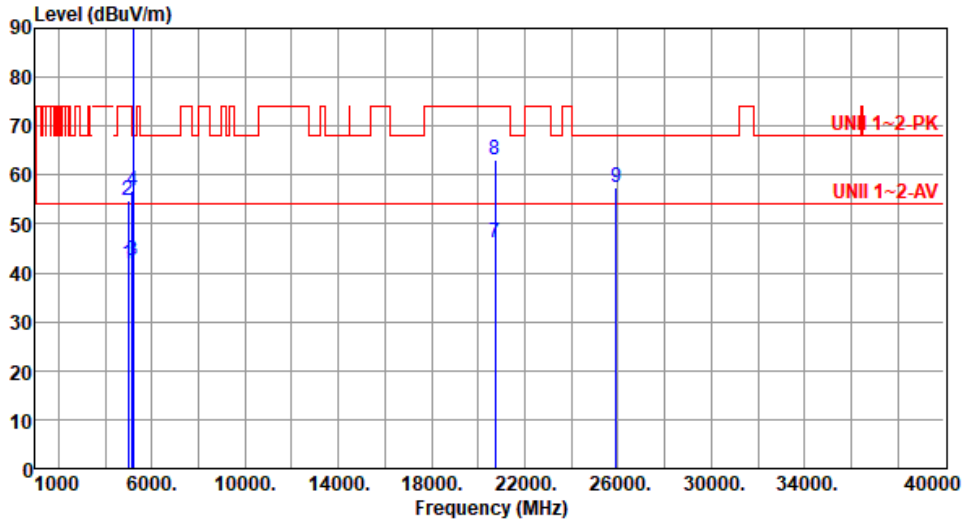
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5633.00	67.57	68.20	-0.63	68.08	-0.51	Peak	204	185
2		5650.00	60.61	68.20	-7.59	61.08	-0.47	Peak	194	184
3	*	5825.00	114.35			114.06	0.29	Average	194	184
4	*	5825.00	123.59			123.30	0.29	Peak	194	184
5		5850.00	79.78	122.20	-42.42	79.39	0.39	Peak	194	184
6		5855.00	78.79	110.80	-32.01	78.40	0.39	Peak	194	184
7		5875.00	65.24	105.20	-39.96	64.84	0.40	Peak	194	184
8		5925.00	62.62	68.20	-5.58	62.26	0.36	Peak	194	184
9		23300.00	67.89	68.20	-0.31	61.52	6.37	Peak	198	8
10		29125.00	59.96	68.20	-8.24	50.18	9.78	Peak	100	166

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

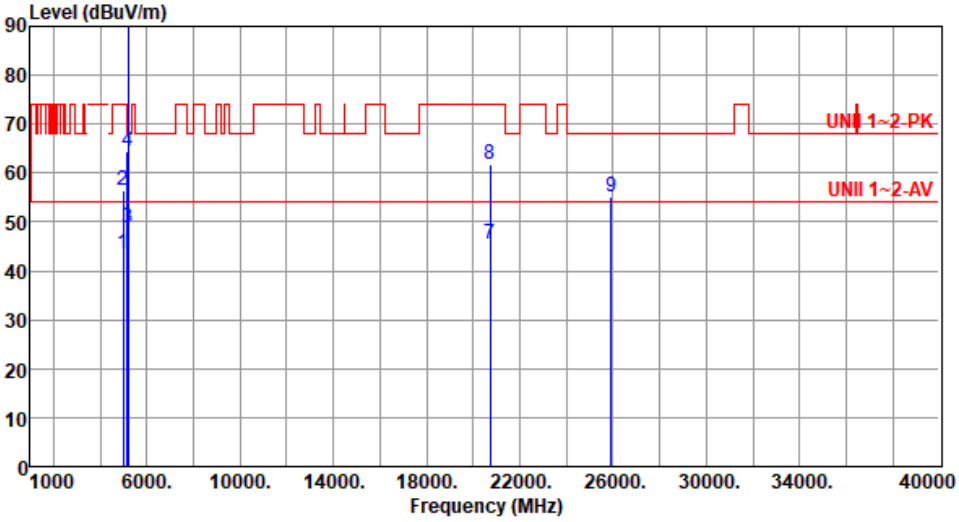


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		4988.00	41.87	54.00	-12.13	42.98	-1.11	Average	100	35
2		4988.00	54.73	74.00	-19.27	55.84	-1.11	Peak	100	35
3		5150.00	42.38	54.00	-11.62	42.58	-0.20	Average	100	35
4		5150.00	56.65	74.00	-17.35	56.85	-0.20	Peak	100	35
5	*	5180.00	92.52			92.77	-0.25	Average	100	35
6	*	5180.00	105.85			106.10	-0.25	Peak	100	35
7		20720.00	46.08	54.00	-7.92	43.71	2.37	Average	125	322
8		20720.00	63.21	74.00	-10.79	60.84	2.37	Peak	125	322
9		25900.00	57.44	68.20	-10.76	49.75	7.69	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 HE20	**Test Freq. (MHz)**	5180
Polarization	Vertical		

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

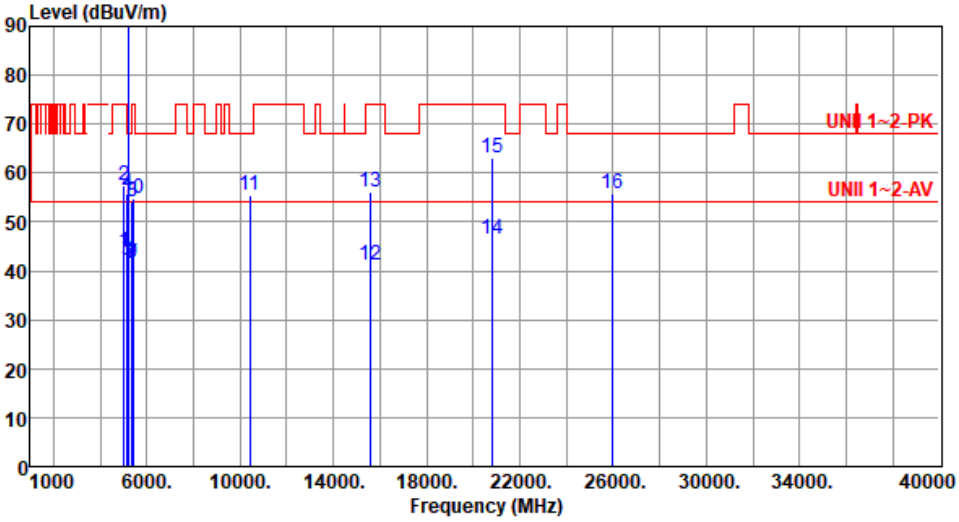


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		4988.00	43.58	54.00	-10.42	44.69	-1.11	Average	170	170
2		4988.00	56.53	74.00	-17.47	57.64	-1.11	Peak	170	170
3		5150.00	48.69	54.00	-5.31	48.89	-0.20	Average	170	165
4		5150.00	64.31	74.00	-9.69	64.51	-0.20	Peak	170	165
5	*	5180.00	100.67			100.92	-0.25	Average	170	165
6	*	5180.00	113.35			113.60	-0.25	Peak	170	165
7		20720.00	45.51	54.00	-8.49	43.14	2.37	Average	100	348
8		20720.00	61.61	74.00	-12.39	59.24	2.37	Peak	100	348
9		25900.00	55.02	68.20	-13.18	47.33	7.69	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

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

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

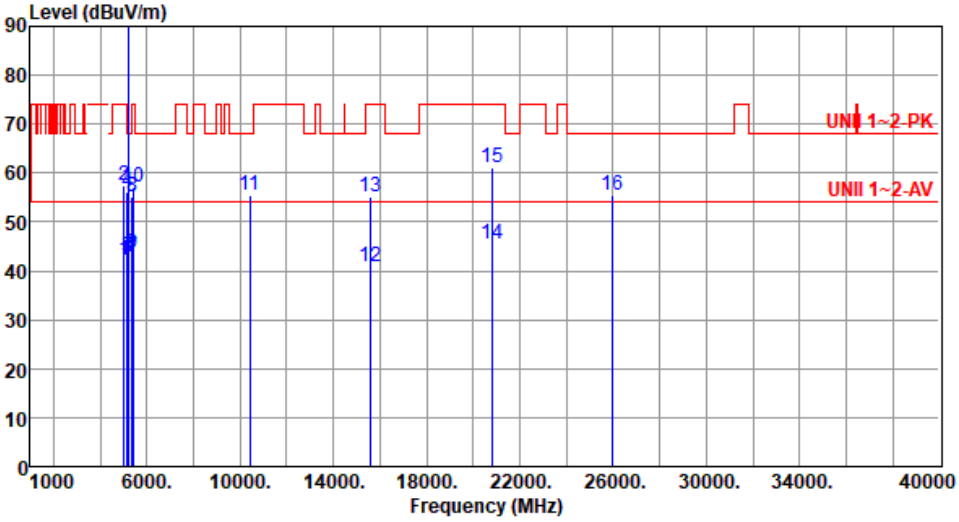


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5008.00	43.99	54.00	-10.01	45.09	-1.10	Average	100	42
2		5008.00	57.48	74.00	-16.52	58.58	-1.10	Peak	100	42
3		5150.00	42.24	54.00	-11.76	42.44	-0.20	Average	141	47
4		5150.00	55.76	74.00	-18.24	55.96	-0.20	Peak	141	47
5	*	5200.00	92.83			93.12	-0.29	Average	141	47
6	*	5200.00	106.24			106.53	-0.29	Peak	141	47
7		5350.00	41.43	54.00	-12.57	42.28	-0.85	Average	141	47
8		5350.00	54.23	74.00	-19.77	55.08	-0.85	Peak	141	47
9		5392.00	41.39	54.00	-12.61	42.06	-0.67	Average	138	52
10		5392.00	54.95	74.00	-19.05	55.62	-0.67	Peak	138	52
11		10400.00	55.49	68.20	-12.71	49.03	6.46	Peak	123	346
12		15600.00	41.12	54.00	-12.88	38.25	2.87	Average	100	144
13		15600.00	56.07	74.00	-17.93	53.20	2.87	Peak	100	144
14		20800.00	46.39	54.00	-7.61	43.88	2.51	Average	134	313
15		20800.00	62.97	74.00	-11.03	60.46	2.51	Peak	134	313
16		26000.00	55.94	68.20	-12.26	48.02	7.92	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 HE20	Test Freq. (MHz)	5200
Polarization	Vertical		

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

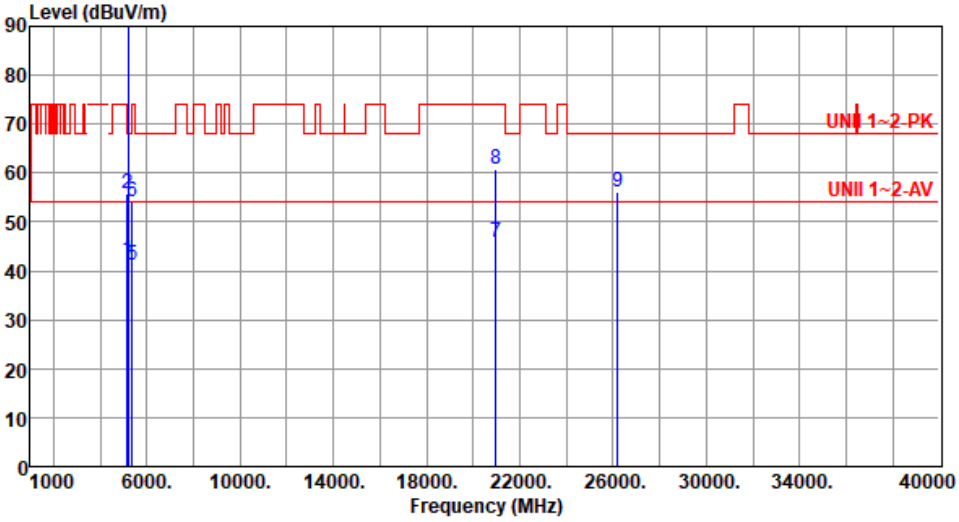


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5008.00	42.30	54.00	-11.70	43.40	-1.10	Average	157	198
2		5008.00	57.41	74.00	-16.59	58.51	-1.10	Peak	157	198
3		5150.00	42.88	54.00	-11.12	43.08	-0.20	Average	141	193
4		5150.00	56.19	74.00	-17.81	56.39	-0.20	Peak	141	193
5	*	5200.00	99.99			100.28	-0.29	Average	166	156
6	*	5200.00	112.74			113.03	-0.29	Peak	166	156
7		5350.00	42.96	54.00	-11.04	43.81	-0.85	Average	100	122
8		5350.00	55.24	74.00	-18.76	56.09	-0.85	Peak	100	122
9		5392.00	43.37	54.00	-10.63	44.04	-0.67	Average	227	161
10		5392.00	57.27	74.00	-16.73	57.94	-0.67	Peak	227	161
11		10400.00	55.35	68.20	-12.85	48.89	6.46	Peak	299	10
12		15600.00	41.01	54.00	-12.99	38.14	2.87	Average	100	131
13		15600.00	55.02	74.00	-18.98	52.15	2.87	Peak	100	131
14		20800.00	45.61	54.00	-8.39	43.10	2.51	Average	100	354
15		20800.00	61.27	74.00	-12.73	58.76	2.51	Peak	100	354
16		26000.00	55.59	68.20	-12.61	47.67	7.92	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 HE20	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

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

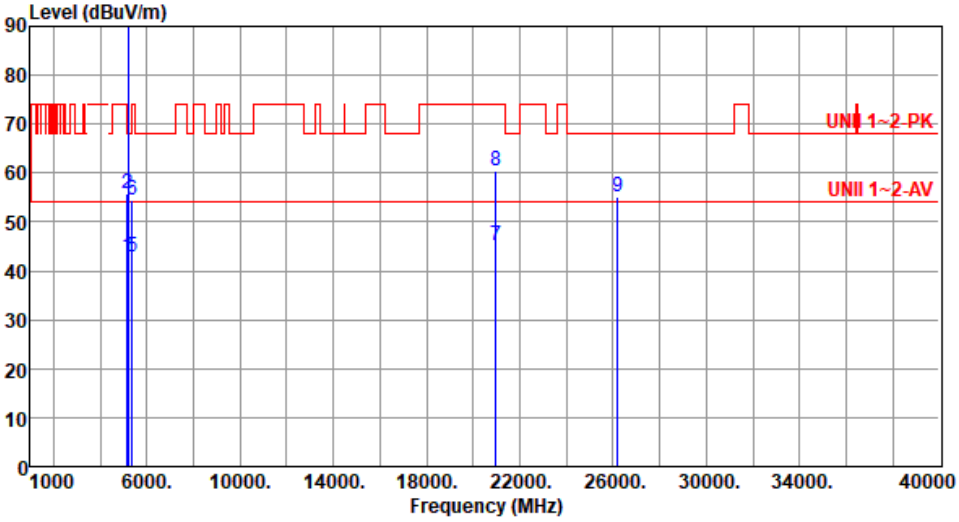


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	42.19	54.00	-11.81	42.39	-0.20	Average	144	50
2		5150.00	55.68	74.00	-18.32	55.88	-0.20	Peak	144	50
3	*	5240.00	92.53			93.05	-0.52	Average	144	50
4	*	5240.00	105.73			106.25	-0.52	Peak	144	50
5		5350.00	41.34	54.00	-12.66	42.19	-0.85	Average	144	50
6		5350.00	54.10	74.00	-19.90	54.95	-0.85	Peak	144	50
7		20960.00	45.96	54.00	-8.04	43.14	2.82	Average	133	315
8		20960.00	60.66	74.00	-13.34	57.84	2.82	Peak	133	315
9		26200.00	56.15	68.20	-12.05	48.41	7.74	Peak	100	161

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

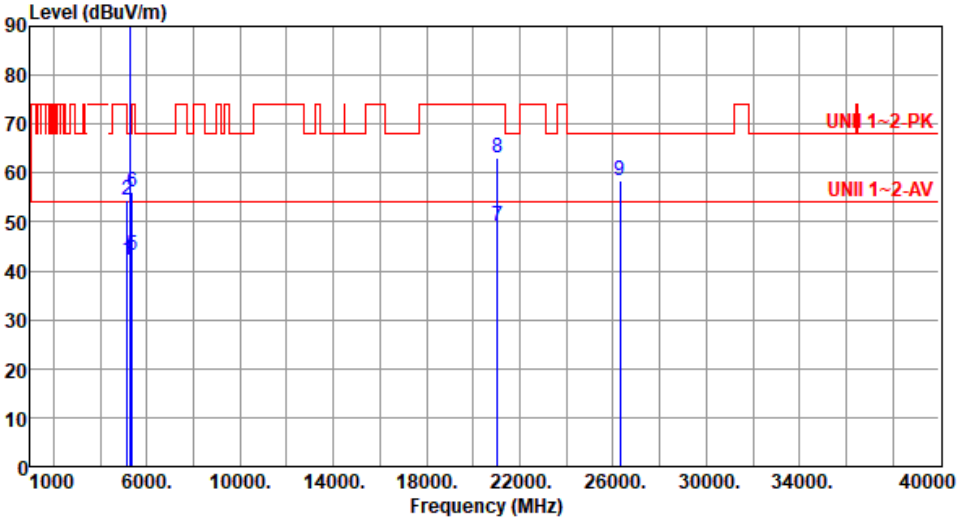


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	42.78	54.00	-11.22	42.98	-0.20	Average	139	188
2		5150.00	55.88	74.00	-18.12	56.08	-0.20	Peak	139	188
3	*	5240.00	99.53			100.05	-0.52	Average	139	188
4	*	5240.00	112.35			112.87	-0.52	Peak	139	188
5		5350.00	42.73	54.00	-11.27	43.58	-0.85	Average	139	188
6		5350.00	54.62	74.00	-19.38	55.47	-0.85	Peak	139	188
7		20960.00	45.03	54.00	-8.97	42.21	2.82	Average	100	349
8		20960.00	60.39	74.00	-13.61	57.57	2.82	Peak	100	349
9		26200.00	55.07	68.20	-13.13	47.33	7.74	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

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

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

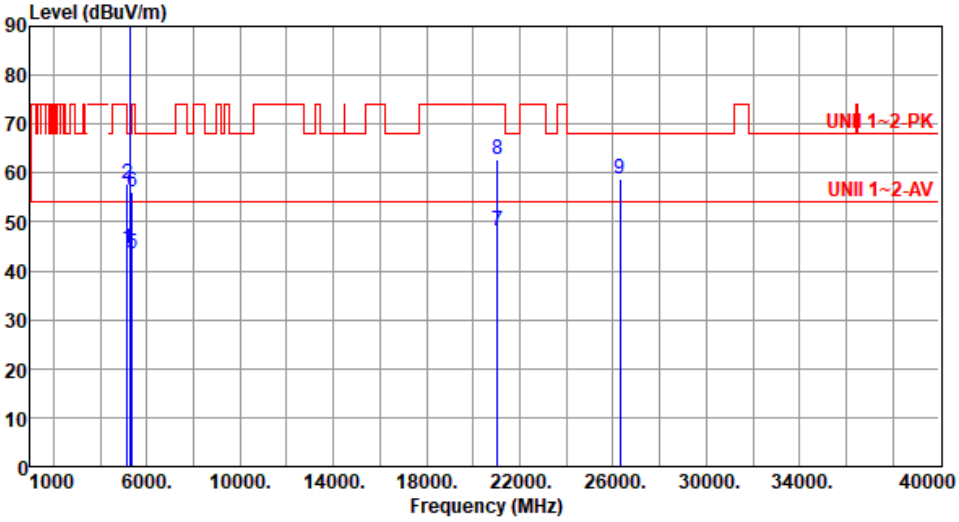


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	42.32	54.00	-11.68	42.52	-0.20	Average	100	29
2		5150.00	54.58	74.00	-19.42	54.78	-0.20	Peak	100	29
3	*	5260.00	96.28			96.87	-0.59	Average	100	29
4	*	5260.00	109.34			109.93	-0.59	Peak	100	29
5		5350.00	43.10	54.00	-10.90	43.95	-0.85	Average	100	29
6		5350.00	56.00	74.00	-18.00	56.85	-0.85	Peak	100	29
7		21040.00	48.99	54.00	-5.01	46.03	2.96	Average	131	317
8		21040.00	63.14	74.00	-10.86	60.18	2.96	Peak	131	317
9		26300.00	58.57	68.20	-9.63	50.90	7.67	Peak	100	182

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

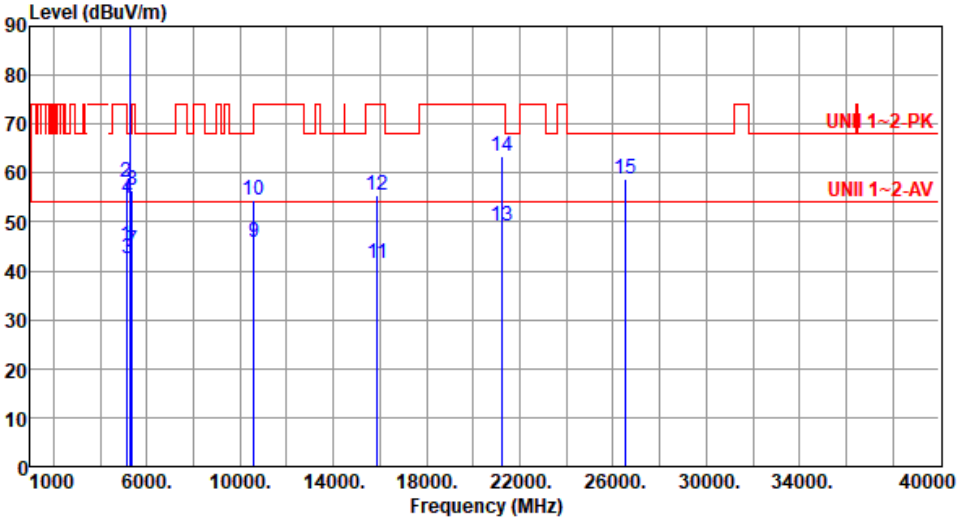


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	44.38	54.00	-9.62	44.58	-0.20	Average	190	172
2		5150.00	57.68	74.00	-16.32	57.88	-0.20	Peak	190	172
3	*	5260.00	106.43			107.02	-0.59	Average	190	172
4	*	5260.00	119.16			119.75	-0.59	Peak	190	172
5		5350.00	43.40	54.00	-10.60	44.25	-0.85	Average	190	172
6		5350.00	56.00	74.00	-18.00	56.85	-0.85	Peak	190	172
7		21040.00	48.04	54.00	-5.96	45.08	2.96	Average	111	339
8		21040.00	62.85	74.00	-11.15	59.89	2.96	Peak	111	339
9		26300.00	58.76	68.20	-9.44	51.09	7.67	Peak	100	150

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

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

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

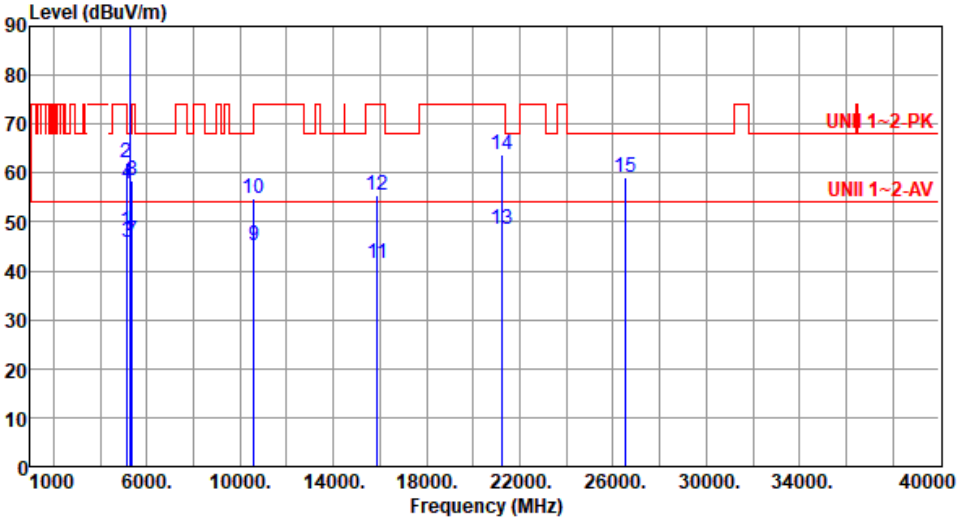


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5108.00	45.30	54.00	-8.70	45.68	-0.38	Average	100	47
2		5108.00	58.28	74.00	-15.72	58.66	-0.38	Peak	100	47
3		5150.00	42.49	54.00	-11.51	42.69	-0.20	Average	100	24
4		5150.00	54.75	74.00	-19.25	54.95	-0.20	Peak	100	24
5	*	5300.00	96.34			97.00	-0.66	Average	100	24
6	*	5300.00	109.39			110.05	-0.66	Peak	100	24
7		5350.00	44.14	54.00	-9.86	44.99	-0.85	Average	100	24
8		5350.00	56.45	74.00	-17.55	57.30	-0.85	Peak	100	24
9		10600.00	45.85	54.00	-8.15	39.36	6.49	Average	173	348
10		10600.00	54.56	74.00	-19.44	48.07	6.49	Peak	173	348
11		15900.00	41.42	54.00	-12.58	38.09	3.33	Average	168	352
12		15900.00	55.34	74.00	-18.66	52.01	3.33	Peak	168	352
13		21200.00	49.11	54.00	-4.89	45.89	3.22	Average	128	316
14		21200.00	63.27	74.00	-10.73	60.05	3.22	Peak	128	316
15		26500.00	58.72	68.20	-9.48	51.07	7.65	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	ax HE20	Test Freq. (MHz)	5300
Polarization	Vertical		

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

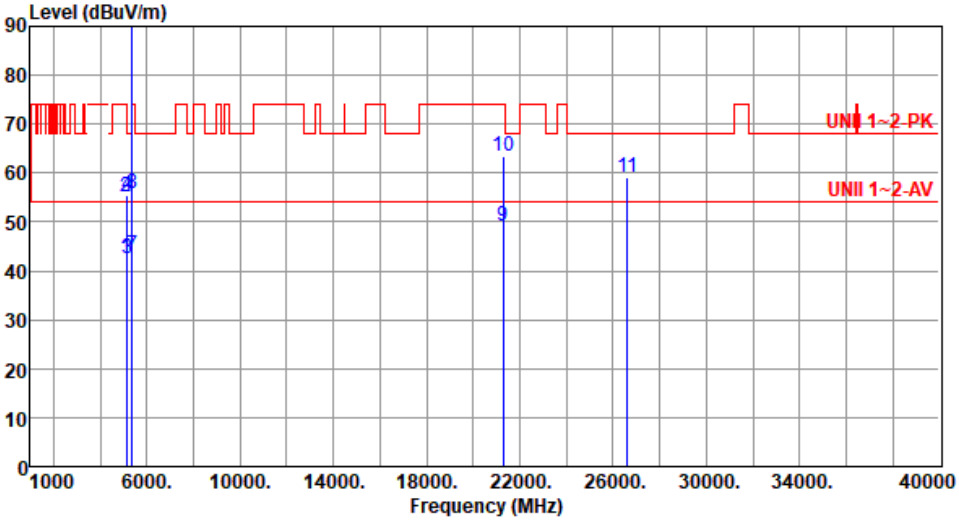


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5108.00	48.28	54.00	-5.72	48.66	-0.38	Average	172	196
2		5108.00	62.11	74.00	-11.89	62.49	-0.38	Peak	172	196
3		5150.00	45.97	54.00	-8.03	46.17	-0.20	Average	193	165
4		5150.00	57.89	74.00	-16.11	58.09	-0.20	Peak	193	165
5	*	5300.00	106.71			107.37	-0.66	Average	193	165
6	*	5300.00	119.37			120.03	-0.66	Peak	193	165
7		5350.00	46.02	54.00	-7.98	46.87	-0.85	Average	193	165
8		5350.00	58.60	74.00	-15.40	59.45	-0.85	Peak	193	165
9		10600.00	45.28	54.00	-8.72	38.79	6.49	Average	187	1
10		10600.00	54.94	74.00	-19.06	48.45	6.49	Peak	187	1
11		15900.00	41.60	54.00	-12.40	38.27	3.33	Average	190	15
12		15900.00	55.57	74.00	-18.43	52.24	3.33	Peak	190	15
13		21200.00	48.43	54.00	-5.57	45.21	3.22	Average	122	342
14		21200.00	63.93	74.00	-10.07	60.71	3.22	Peak	122	342
15		26500.00	59.00	68.20	-9.20	51.35	7.65	Peak	100	144

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

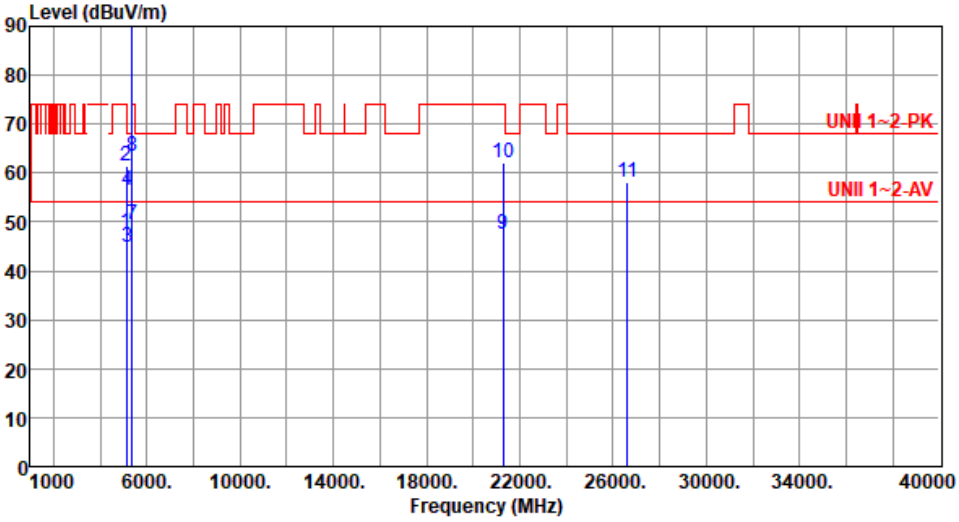


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5128.00	42.40	54.00	-11.60	42.70	-0.30	Average	100	33
2		5128.00	55.27	74.00	-18.73	55.57	-0.30	Peak	100	33
3		5150.00	42.38	54.00	-11.62	42.58	-0.20	Average	100	33
4		5150.00	55.32	74.00	-18.68	55.52	-0.20	Peak	100	33
5	*	5320.00	95.15			95.89	-0.74	Average	100	33
6	*	5320.00	108.87			109.61	-0.74	Peak	100	33
7		5350.00	43.10	54.00	-10.90	43.95	-0.85	Average	100	33
8		5350.00	55.67	74.00	-18.33	56.52	-0.85	Peak	100	33
9		21280.00	49.09	54.00	-4.91	45.77	3.32	Average	133	317
10		21280.00	63.31	74.00	-10.69	59.99	3.32	Peak	133	317
11		26600.00	59.26	68.20	-8.94	51.25	8.01	Peak	100	185

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

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

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

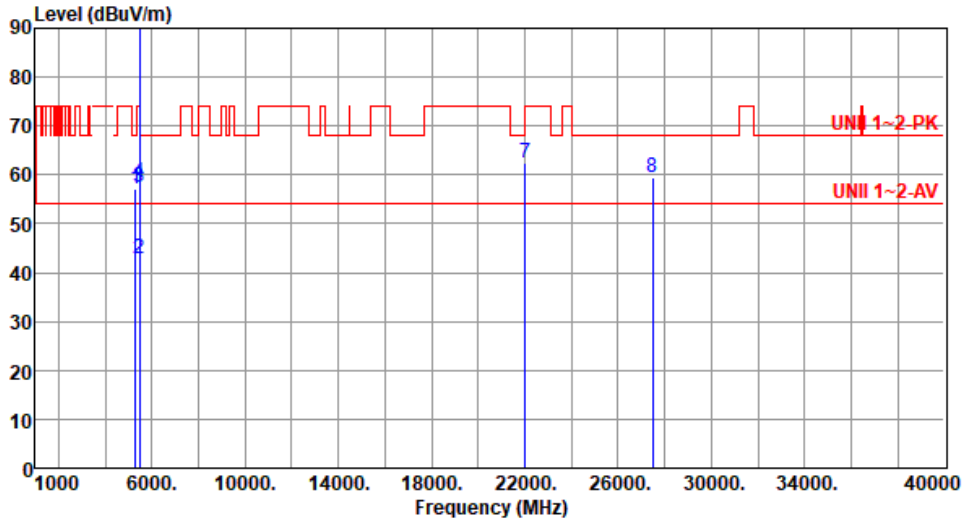


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5128.00	47.80	54.00	-6.20	48.10	-0.30	Average	161	193
2		5128.00	61.50	74.00	-12.50	61.80	-0.30	Peak	161	193
3		5150.00	44.96	54.00	-9.04	45.16	-0.20	Average	190	158
4		5150.00	56.35	74.00	-17.65	56.55	-0.20	Peak	190	158
5	*	5320.00	105.37			106.11	-0.74	Average	190	158
6	*	5320.00	119.91			120.65	-0.74	Peak	190	158
7		5350.00	49.37	54.00	-4.63	50.22	-0.85	Average	190	158
8		5350.00	63.41	74.00	-10.59	64.26	-0.85	Peak	190	158
9		21280.00	47.56	54.00	-6.44	44.24	3.32	Average	126	336
10		21280.00	62.26	74.00	-11.74	58.94	3.32	Peak	126	336
11		26600.00	58.21	68.20	-9.99	50.20	8.01	Peak	100	136

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

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

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

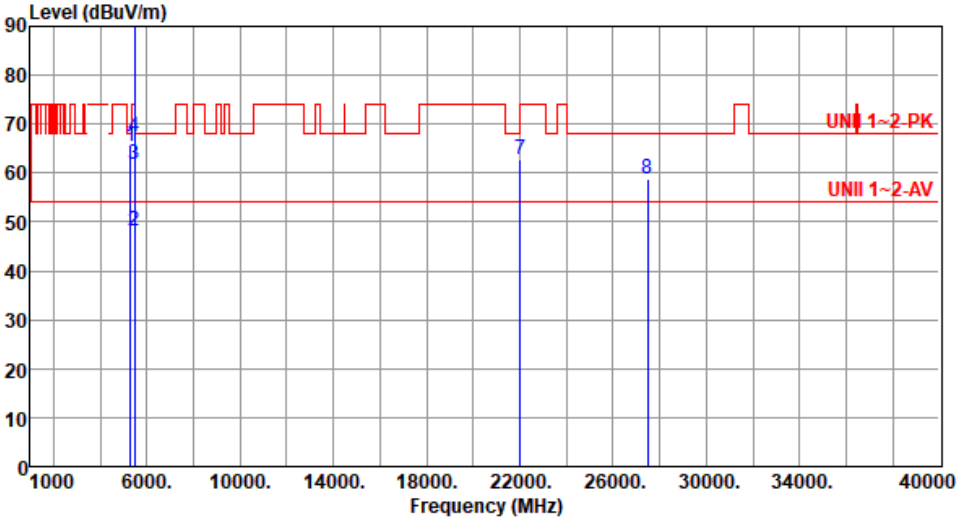


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5308.00	57.19	68.20	-11.01	57.88	-0.69	Peak	157	205
2		5460.00	42.97	54.00	-11.03	43.59	-0.62	Average	157	205
3		5460.00	57.34	74.00	-16.66	57.96	-0.62	Peak	157	205
4		5470.00	58.61	68.20	-9.59	59.20	-0.59	Peak	157	205
5	*	5500.00	96.27			96.80	-0.53	Average	157	205
6	*	5500.00	110.03			110.56	-0.53	Peak	157	205
7		22000.00	62.38	68.20	-5.82	58.52	3.86	Peak	100	145
8		27500.00	59.34	68.20	-8.86	51.33	8.01	Peak	100	143

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

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

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

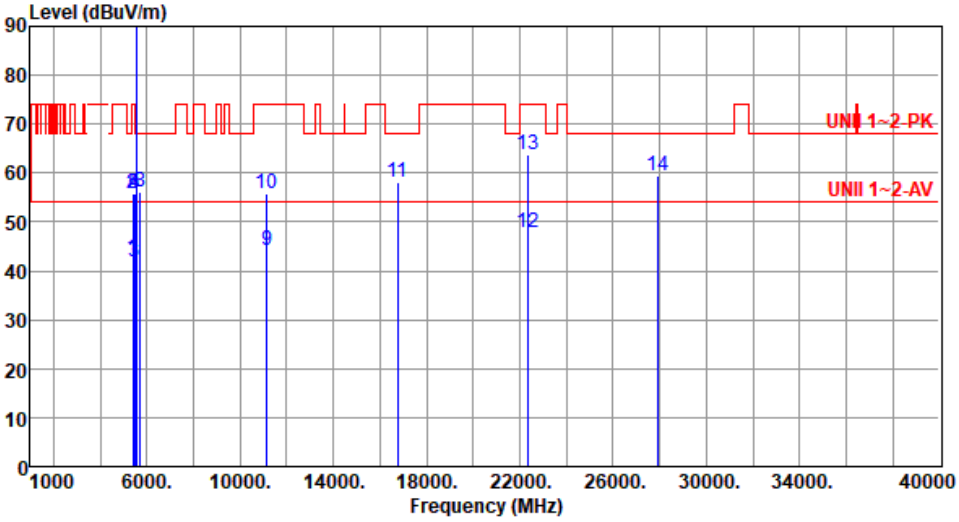


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5308.00	65.56	68.20	-2.64	66.25	-0.69	Peak	154	165
2		5460.00	48.07	54.00	-5.93	48.69	-0.62	Average	217	164
3		5460.00	61.63	74.00	-12.37	62.25	-0.62	Peak	217	164
4		5470.00	67.49	68.20	-0.71	68.08	-0.59	Peak	217	164
5	*	5500.00	106.39			106.92	-0.53	Average	217	164
6	*	5500.00	121.14			121.67	-0.53	Peak	217	164
7		22000.00	62.71	68.20	-5.49	58.85	3.86	Peak	115	341
8		27500.00	58.70	68.20	-9.50	50.69	8.01	Peak	100	53

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

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

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

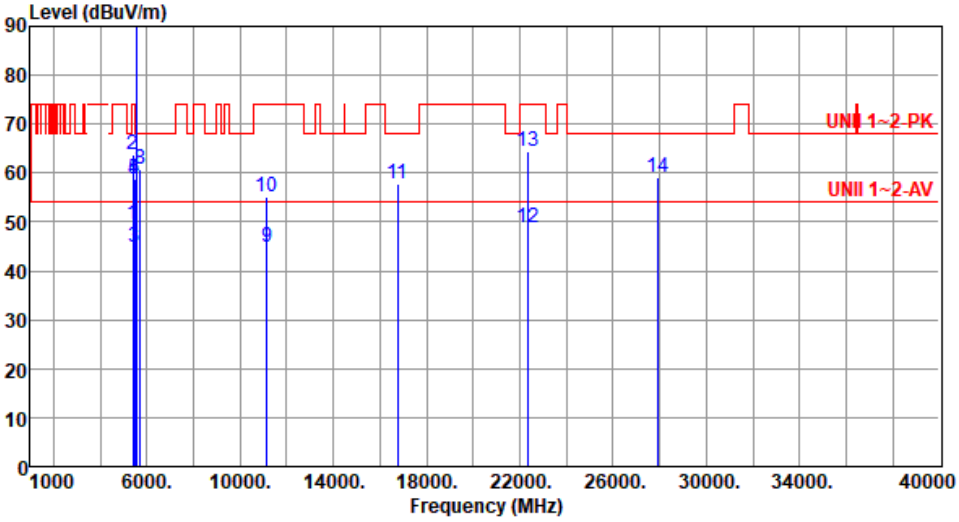


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5388.00	42.43	54.00	-11.57	43.12	-0.69	Average	167	207
2		5388.00	55.67	74.00	-18.33	56.36	-0.69	Peak	167	207
3		5460.00	41.82	54.00	-12.18	42.44	-0.62	Average	154	203
4		5460.00	55.72	74.00	-18.28	56.34	-0.62	Peak	154	203
5		5470.00	55.86	68.20	-12.34	56.45	-0.59	Peak	154	203
6	*	5580.00	95.92			96.53	-0.61	Average	154	203
7	*	5580.00	110.01			110.62	-0.61	Peak	154	203
8		5725.00	56.18	68.20	-12.02	56.28	-0.10	Peak	154	203
9		11160.00	44.33	54.00	-9.67	38.21	6.12	Average	328	20
10		11160.00	55.81	74.00	-18.19	49.69	6.12	Peak	328	20
11		16740.00	58.09	68.20	-10.11	51.75	6.34	Peak	315	26
12		22320.00	47.93	54.00	-6.07	43.34	4.59	Average	139	342
13		22320.00	63.62	74.00	-10.38	59.03	4.59	Peak	139	342
14		27900.00	59.33	68.20	-8.87	50.39	8.94	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

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

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

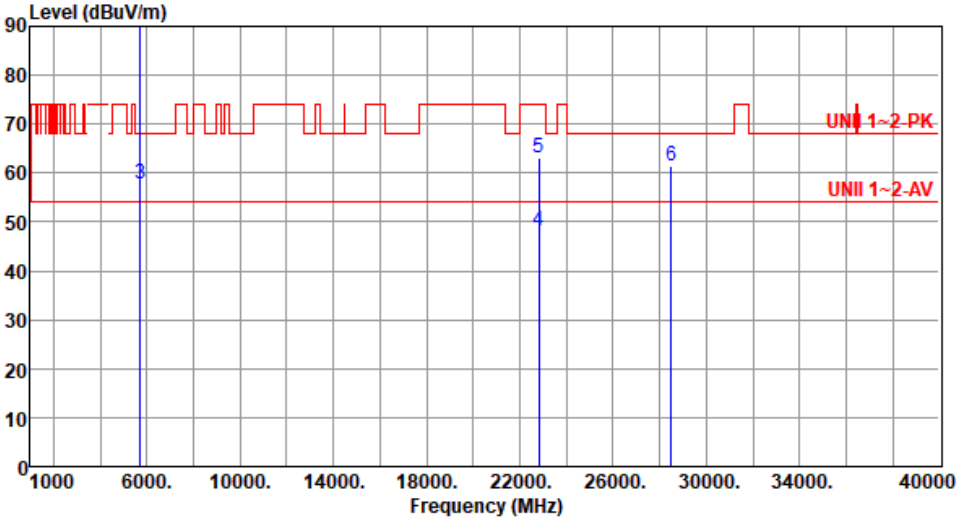


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5388.00	49.62	54.00	-4.38	50.31	-0.69	Average	187	190
2		5388.00	63.75	74.00	-10.25	64.44	-0.69	Peak	187	190
3		5460.00	44.74	54.00	-9.26	45.36	-0.62	Average	198	186
4		5460.00	58.87	74.00	-15.13	59.49	-0.62	Peak	198	186
5		5470.00	58.88	68.20	-9.32	59.47	-0.59	Peak	198	186
6	*	5580.00	105.94			106.55	-0.61	Average	198	186
7	*	5580.00	120.61			121.22	-0.61	Peak	198	186
8		5725.00	60.79	68.20	-7.41	60.89	-0.10	Peak	198	186
9		11160.00	44.80	54.00	-9.20	38.68	6.12	Average	155	3
10		11160.00	55.09	74.00	-18.91	48.97	6.12	Peak	155	3
11		16740.00	57.80	68.20	-10.40	51.46	6.34	Peak	148	7
12		22320.00	48.73	54.00	-5.27	44.14	4.59	Average	112	347
13		22320.00	64.46	74.00	-9.54	59.87	4.59	Peak	112	347
14		27900.00	59.07	68.20	-9.13	50.13	8.94	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 HE20	Test Freq. (MHz)	5700
Polarization	Horizontal		

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

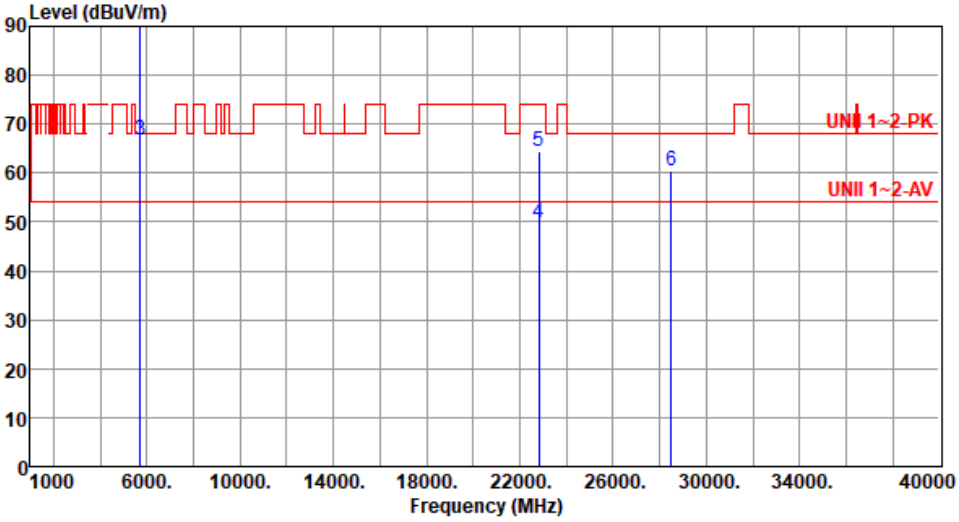


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5700.00	94.28			94.54	-0.26	Average	163	218
2	*	5700.00	109.05			109.31	-0.26	Peak	163	218
3		5725.00	57.78	68.20	-10.42	57.88	-0.10	Peak	163	218
4		22800.00	48.26	54.00	-5.74	42.52	5.74	Average	143	328
5		22800.00	63.06	74.00	-10.94	57.32	5.74	Peak	143	328
6		28500.00	61.42	68.20	-6.78	52.28	9.14	Peak	100	139

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

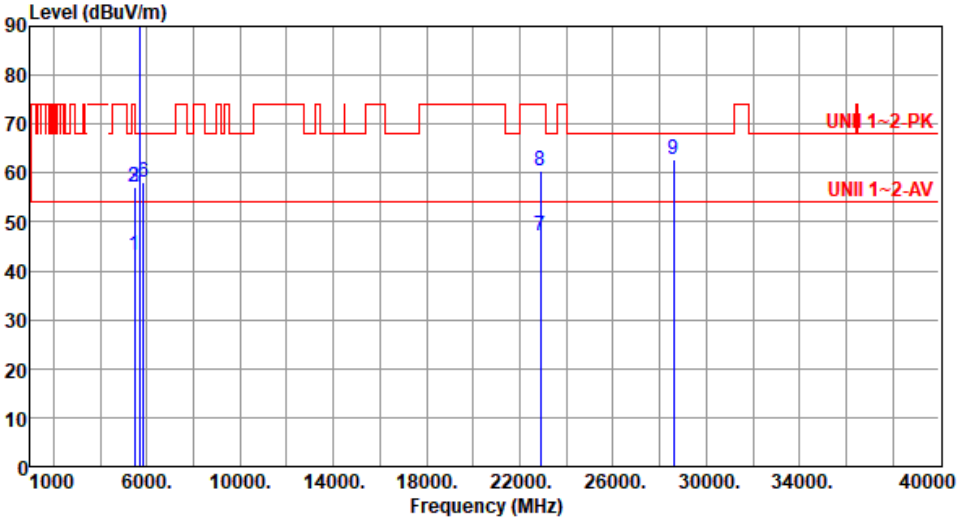


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	5700.00	105.49			105.75	-0.26	Average	214	187
2	*	5700.00	120.13			120.39	-0.26	Peak	214	187
3		5725.00	66.70	68.20	-1.50	66.80	-0.10	Peak	214	187
4		22800.00	49.66	54.00	-4.34	43.92	5.74	Average	115	338
5		22800.00	64.59	74.00	-9.41	58.85	5.74	Peak	115	338
6		28500.00	60.44	68.20	-7.76	51.30	9.14	Peak	100	50

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

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

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

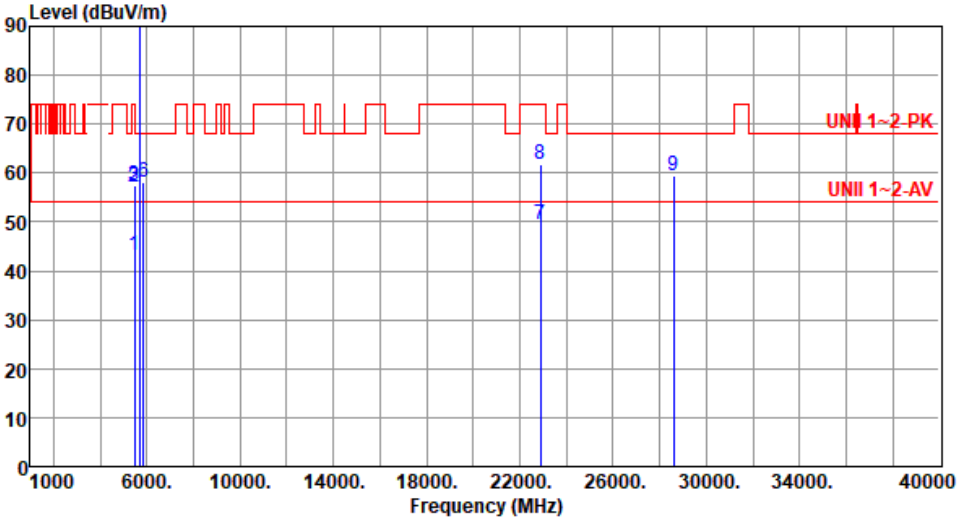


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.05	54.00	-10.95	43.67	-0.62	Average	157	208
2		5460.00	57.08	74.00	-16.92	57.70	-0.62	Peak	157	208
3		5470.00	57.19	68.20	-11.01	57.78	-0.59	Peak	157	208
4	*	5720.00	94.85			94.98	-0.13	Average	157	208
5	*	5720.00	108.28			108.41	-0.13	Peak	157	208
6		5850.00	57.98	68.20	-10.22	57.59	0.39	Peak	157	208
7		22880.00	47.20	54.00	-6.80	41.30	5.90	Average	191	351
8		22880.00	60.54	74.00	-13.46	54.64	5.90	Peak	191	351
9		28600.00	62.67	68.20	-5.53	53.23	9.44	Peak	339	310

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

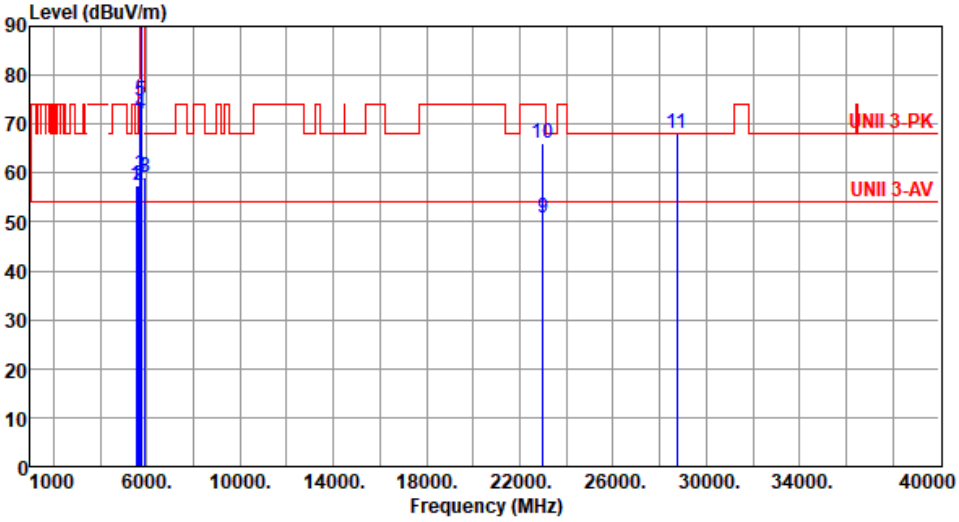


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.28	54.00	-10.72	43.90	-0.62	Average	199	182
2		5460.00	57.24	74.00	-16.76	57.86	-0.62	Peak	199	182
3		5470.00	57.40	68.20	-10.80	57.99	-0.59	Peak	199	182
4	*	5720.00	105.75			105.88	-0.13	Average	199	182
5	*	5720.00	119.42			119.55	-0.13	Peak	199	182
6		5850.00	58.17	68.20	-10.03	57.78	0.39	Peak	199	182
7		22880.00	49.62	54.00	-4.38	43.72	5.90	Average	336	330
8		22880.00	61.80	74.00	-12.20	55.90	5.90	Peak	336	330
9		28600.00	59.55	68.20	-8.65	50.11	9.44	Peak	100	14

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

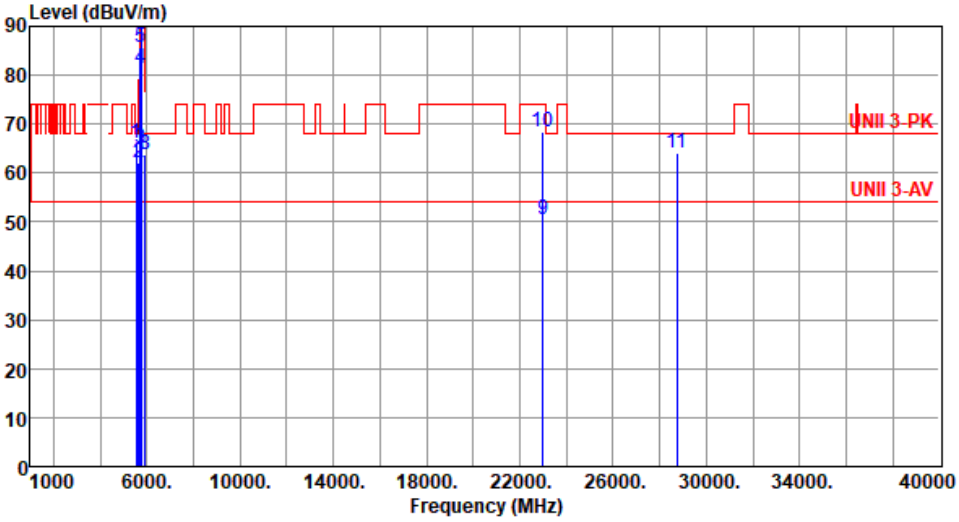


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5553.00	57.34	68.20	-10.86	57.96	-0.62	Peak	100	28
2		5650.00	57.47	68.20	-10.73	57.94	-0.47	Peak	100	28
3		5700.00	59.32	105.20	-45.88	59.58	-0.26	Peak	100	28
4		5720.00	72.12	110.80	-38.68	72.25	-0.13	Peak	100	28
5		5725.00	74.78	122.20	-47.42	74.88	-0.10	Peak	100	28
6	*	5745.00	95.61			95.58	0.03	Average	100	28
7	*	5745.00	108.89			108.86	0.03	Peak	100	28
8		5925.00	59.21	68.20	-8.99	58.85	0.36	Peak	100	28
9		22980.00	50.71	54.00	-3.29	44.61	6.10	Average	259	309
10		22980.00	65.96	74.00	-8.04	59.86	6.10	Peak	259	309
11		28725.00	68.09	68.20	-0.11	58.29	9.80	Peak	323	320

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

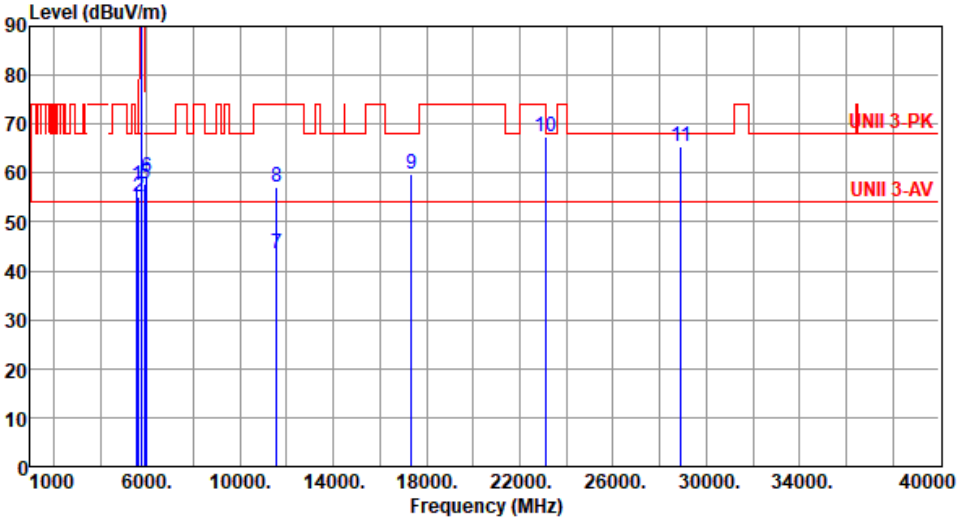


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5553.00	66.21	68.20	-1.99	66.83	-0.62	Peak	199	14
2		5650.00	62.25	68.20	-5.95	62.72	-0.47	Peak	199	14
3		5700.00	64.93	105.20	-40.27	65.19	-0.26	Peak	199	14
4		5720.00	81.25	110.80	-29.55	81.38	-0.13	Peak	199	14
5		5725.00	85.58	122.20	-36.62	85.68	-0.10	Peak	199	14
6	*	5745.00	108.72			108.69	0.03	Average	199	14
7	*	5745.00	122.16			122.13	0.03	Peak	199	14
8		5925.00	63.60	68.20	-4.60	63.24	0.36	Peak	199	14
9		22980.00	50.35	54.00	-3.65	44.25	6.10	Average	199	8
10		22980.00	68.35	74.00	-5.65	62.25	6.10	Peak	199	8
11		28725.00	64.11	68.20	-4.09	54.31	9.80	Peak	352	7

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

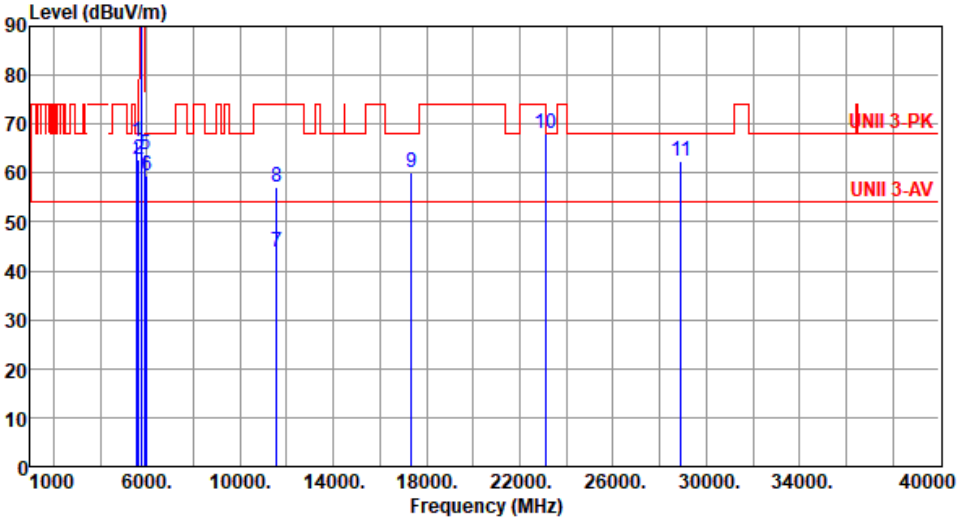


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5593.00	57.48	68.20	-10.72	58.08	-0.60	Peak	100	22
2		5650.00	55.21	68.20	-12.99	55.68	-0.47	Peak	100	22
3	*	5785.00	97.10			96.96	0.14	Average	100	22
4	*	5785.00	110.64			110.50	0.14	Peak	100	22
5		5925.00	57.87	68.20	-10.33	57.51	0.36	Peak	100	22
6		5977.00	59.00	68.20	-9.20	58.68	0.32	Peak	100	22
7		11570.00	43.39	54.00	-10.61	37.07	6.32	Average	100	62
8		11570.00	57.10	74.00	-16.90	50.78	6.32	Peak	100	62
9		17355.00	59.77	68.20	-8.43	54.01	5.76	Peak	100	145
10		23140.00	67.38	68.20	-0.82	61.13	6.25	Peak	262	310
11		28925.00	65.32	68.20	-2.88	55.57	9.75	Peak	314	319

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

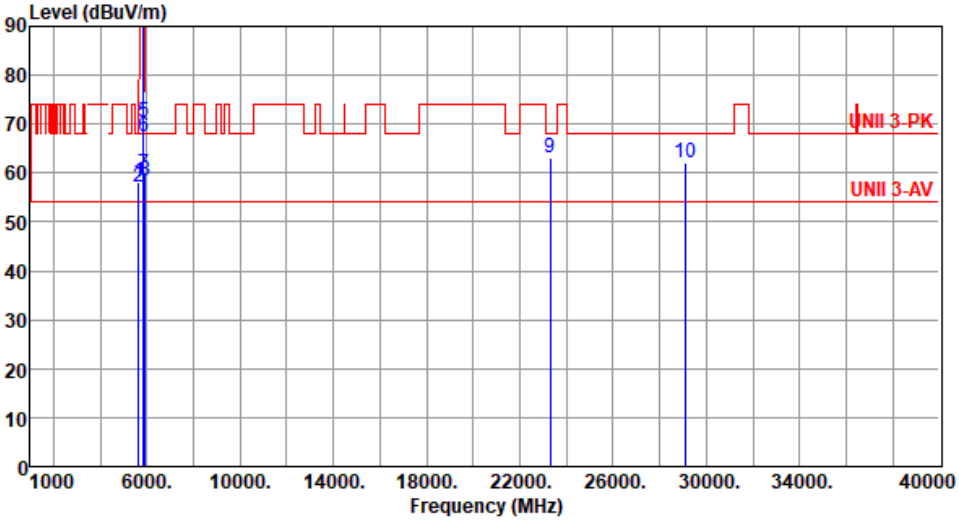


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5593.00	66.44	68.20	-1.76	67.04	-0.60	Peak	195	188
2		5650.00	62.80	68.20	-5.40	63.27	-0.47	Peak	210	12
3	*	5785.00	109.51			109.37	0.14	Average	210	12
4	*	5785.00	122.78			122.64	0.14	Peak	210	12
5		5925.00	63.63	68.20	-4.57	63.27	0.36	Peak	210	12
6		5977.00	59.44	68.20	-8.76	59.12	0.32	Peak	210	12
7		11570.00	43.93	54.00	-10.07	37.61	6.32	Average	100	339
8		11570.00	57.07	74.00	-16.93	50.75	6.32	Peak	100	339
9		17355.00	60.10	68.20	-8.10	54.34	5.76	Peak	100	165
10		23140.00	67.97	68.20	-0.23	61.72	6.25	Peak	194	9
11		28925.00	62.55	68.20	-5.65	52.80	9.75	Peak	335	6

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

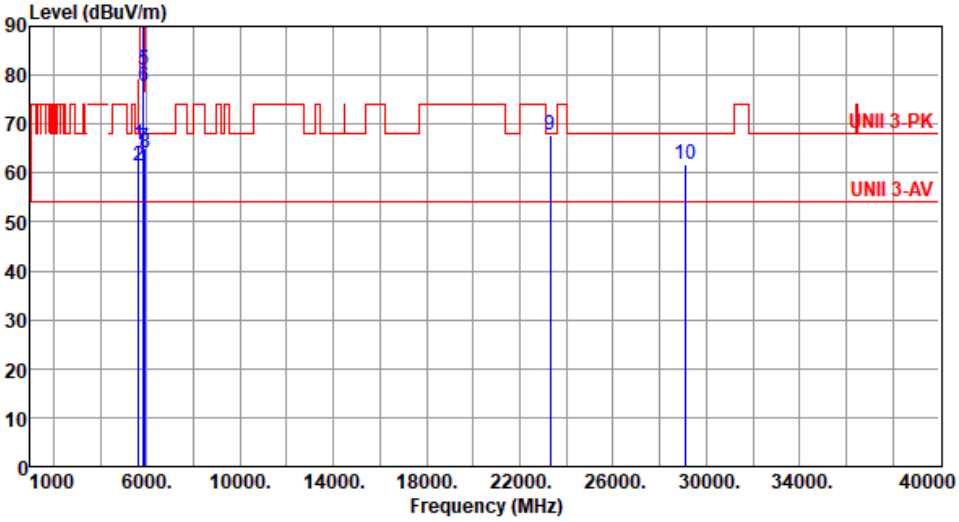


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5633.00	58.23	68.20	-9.97	58.74	-0.51	Peak	100	30
2		5650.00	57.10	68.20	-11.10	57.57	-0.47	Peak	100	30
3	*	5825.00	96.24			95.95	0.29	Average	100	30
4	*	5825.00	109.14			108.85	0.29	Peak	100	30
5		5850.00	70.35	122.20	-51.85	69.96	0.39	Peak	100	30
6		5855.00	67.34	110.80	-43.46	66.95	0.39	Peak	100	30
7		5875.00	59.92	105.20	-45.28	59.52	0.40	Peak	100	30
8		5925.00	58.32	68.20	-9.88	57.96	0.36	Peak	100	30
9		23300.00	63.22	68.20	-4.98	56.85	6.37	Peak	259	9
10		29125.00	61.97	68.20	-6.23	52.19	9.78	Peak	293	315

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



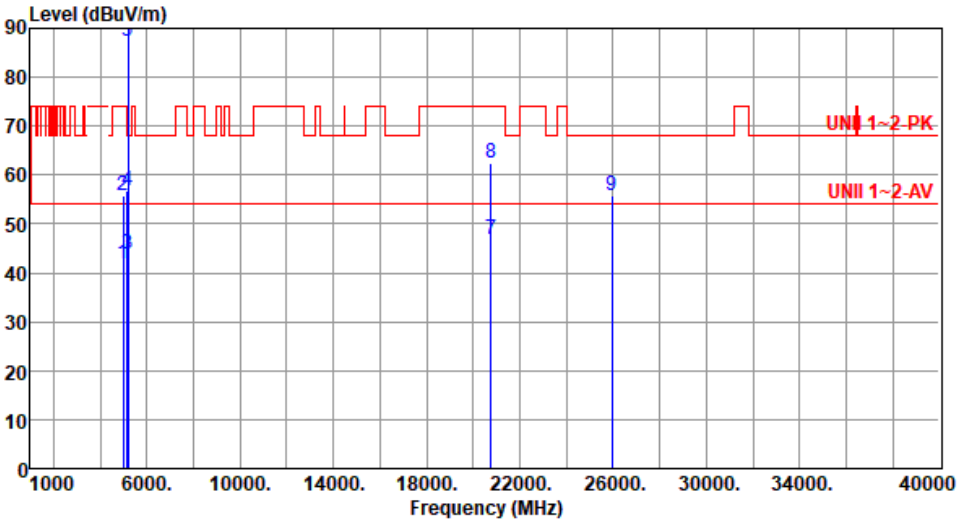
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5633.00	65.67	68.20	-2.53	66.18	-0.51	Peak	209	13
2		5650.00	61.58	68.20	-6.62	62.05	-0.47	Peak	209	13
3	*	5825.00	109.15			108.86	0.29	Average	209	13
4	*	5825.00	122.03			121.74	0.29	Peak	209	13
5		5850.00	80.87	122.20	-41.33	80.48	0.39	Peak	209	13
6		5855.00	77.77	110.80	-33.03	77.38	0.39	Peak	209	13
7		5875.00	64.93	105.20	-40.27	64.53	0.40	Peak	209	13
8		5925.00	64.15	68.20	-4.05	63.79	0.36	Peak	209	13
9		23300.00	67.90	68.20	-0.30	61.53	6.37	Peak	185	5
10		29125.00	61.71	68.20	-6.49	51.93	9.78	Peak	274	7

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(%):63

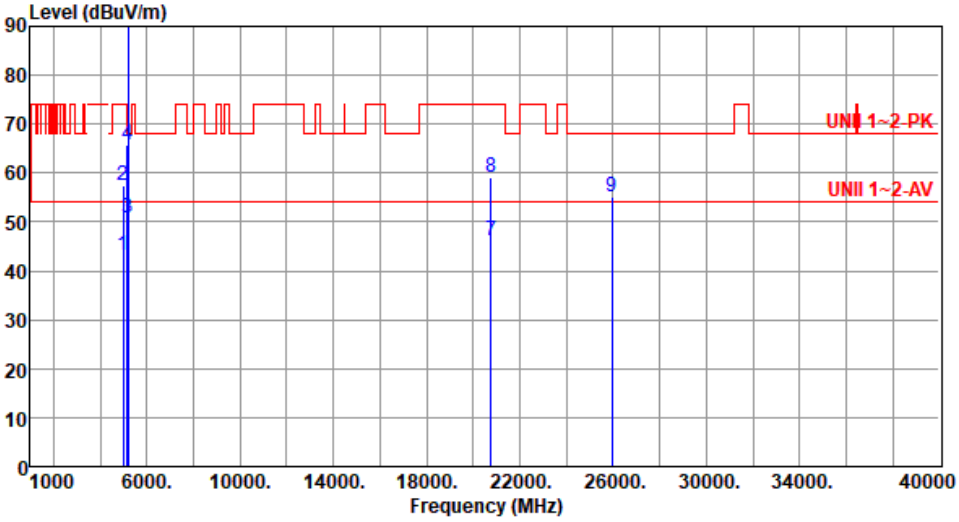


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		4998.00	41.84	54.00	-12.16	42.96	-1.12	Average	100	33
2		4998.00	55.73	74.00	-18.27	56.85	-1.12	Peak	100	33
3		5150.00	43.76	54.00	-10.24	43.96	-0.20	Average	100	33
4		5150.00	56.79	74.00	-17.21	56.99	-0.20	Peak	100	33
5	*	5190.00	87.31			87.59	-0.28	Average	100	33
6	*	5190.00	99.61			99.89	-0.28	Peak	100	33
7		20760.00	46.78	54.00	-7.22	44.35	2.43	Average	130	311
8		20760.00	62.31	74.00	-11.69	59.88	2.43	Peak	130	311
9		25950.00	55.81	68.20	-12.39	48.00	7.81	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 HE40	**Test Freq. (MHz)**	5190
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):63

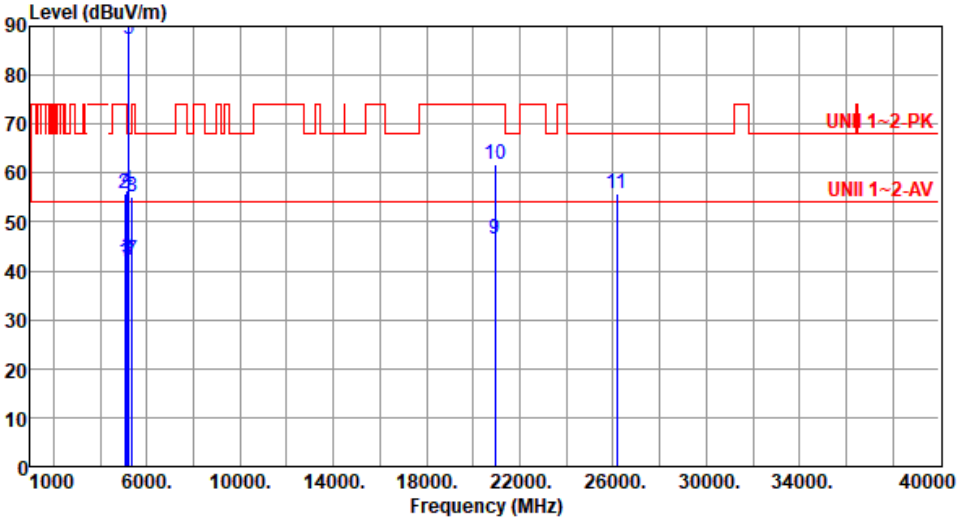


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		4998.00	43.22	54.00	-10.78	44.34	-1.12	Average	181	197
2		4998.00	57.40	74.00	-16.60	58.52	-1.12	Peak	181	197
3		5150.00	50.84	54.00	-3.16	51.04	-0.20	Average	181	197
4		5150.00	65.73	74.00	-8.27	65.93	-0.20	Peak	181	197
5	*	5190.00	96.85			97.13	-0.28	Average	181	197
6	*	5190.00	109.87			110.15	-0.28	Peak	181	197
7		20760.00	46.31	54.00	-7.69	43.88	2.43	Average	100	350
8		20760.00	59.01	74.00	-14.99	56.58	2.43	Peak	100	350
9		25950.00	55.06	68.20	-13.14	47.25	7.81	Peak	100	160

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

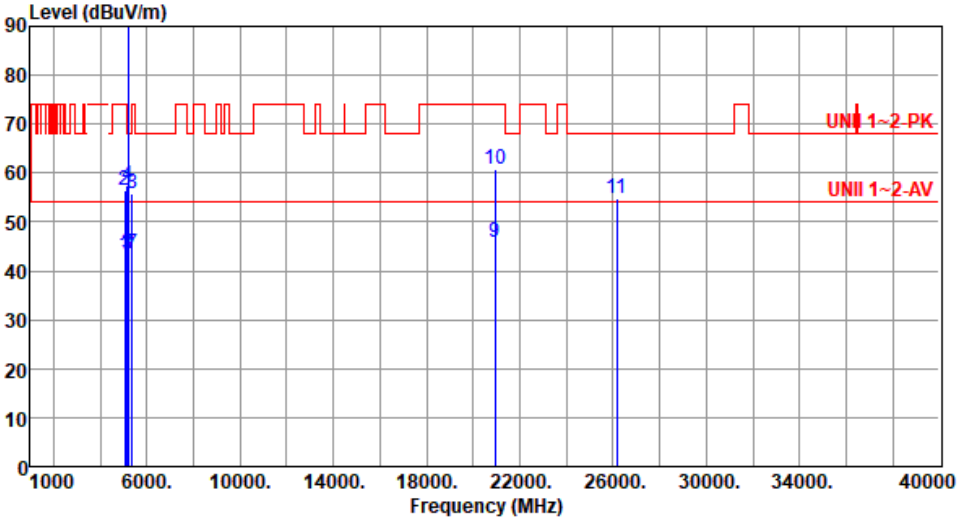


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5038.00	41.86	54.00	-12.14	42.89	-1.03	Average	100	38
2		5038.00	55.84	74.00	-18.16	56.87	-1.03	Peak	100	38
3		5150.00	42.64	54.00	-11.36	42.84	-0.20	Average	100	38
4		5150.00	56.38	74.00	-17.62	56.58	-0.20	Peak	100	38
5	*	5230.00	87.32			87.78	-0.46	Average	100	38
6	*	5230.00	100.42			100.88	-0.46	Peak	100	38
7		5350.00	42.01	54.00	-11.99	42.86	-0.85	Average	100	38
8		5350.00	55.03	74.00	-18.97	55.88	-0.85	Peak	100	38
9		20920.00	46.48	54.00	-7.52	43.74	2.74	Average	128	315
10		20920.00	61.92	74.00	-12.08	59.18	2.74	Peak	128	315
11		26150.00	55.76	68.20	-12.44	47.98	7.78	Peak	100	162

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

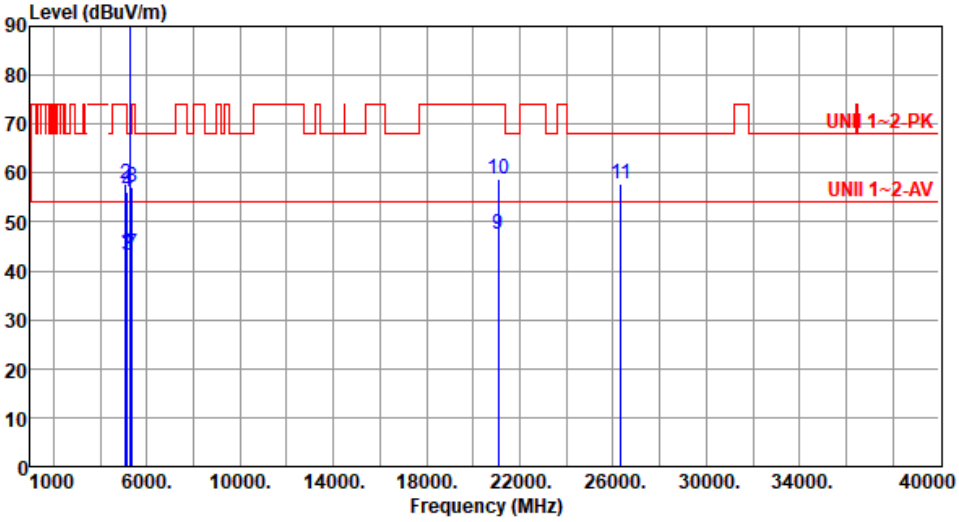


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5038.00	43.12	54.00	-10.88	44.15	-1.03	Average	184	198
2		5038.00	56.54	74.00	-17.46	57.57	-1.03	Peak	184	198
3		5150.00	43.57	54.00	-10.43	43.77	-0.20	Average	185	190
4		5150.00	57.54	74.00	-16.46	57.74	-0.20	Peak	185	190
5	*	5230.00	96.92			97.38	-0.46	Average	185	190
6	*	5230.00	110.85			111.31	-0.46	Peak	185	190
7		5350.00	43.64	54.00	-10.36	44.49	-0.85	Average	185	190
8		5350.00	55.64	74.00	-18.36	56.49	-0.85	Peak	185	190
9		20920.00	45.78	54.00	-8.22	43.04	2.74	Average	100	343
10		20920.00	60.64	74.00	-13.36	57.90	2.74	Peak	100	343
11		26150.00	54.88	68.20	-13.32	47.10	7.78	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

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

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

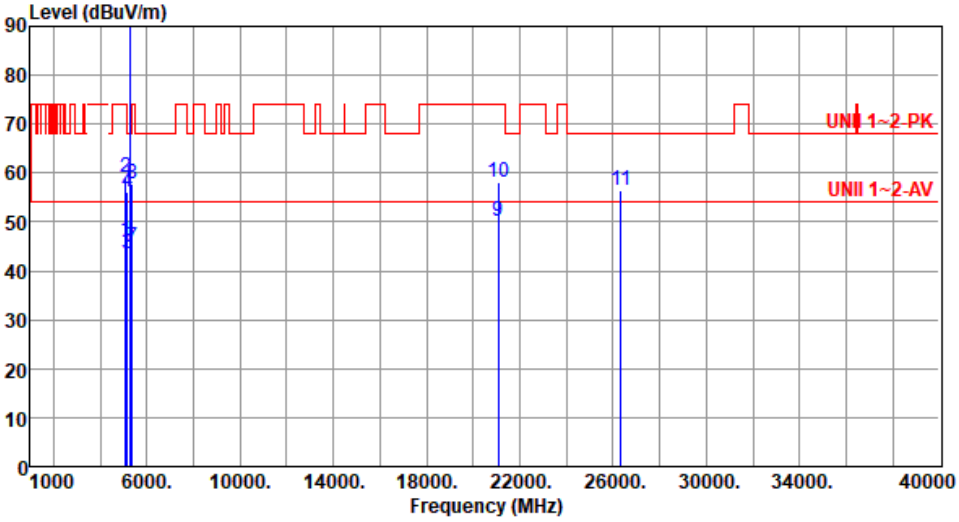


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5078.00	43.96	54.00	-10.04	44.63	-0.67	Average	129	309
2		5078.00	57.85	74.00	-16.15	58.52	-0.67	Peak	129	309
3		5150.00	43.25	54.00	-10.75	43.45	-0.20	Average	129	309
4		5150.00	56.17	74.00	-17.83	56.37	-0.20	Peak	129	309
5	*	5270.00	91.28			91.89	-0.61	Average	129	309
6	*	5270.00	104.54			105.15	-0.61	Peak	129	309
7		5350.00	43.67	54.00	-10.33	44.52	-0.85	Average	129	309
8		5350.00	57.10	74.00	-16.90	57.95	-0.85	Peak	129	309
9		21080.00	47.38	54.00	-6.62	44.36	3.02	Average	129	309
10		21080.00	58.62	74.00	-15.38	55.60	3.02	Peak	129	309
11		26350.00	57.79	68.20	-10.41	50.12	7.67	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	ax HE40	Test Freq. (MHz)	5270
Polarization	Vertical		

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

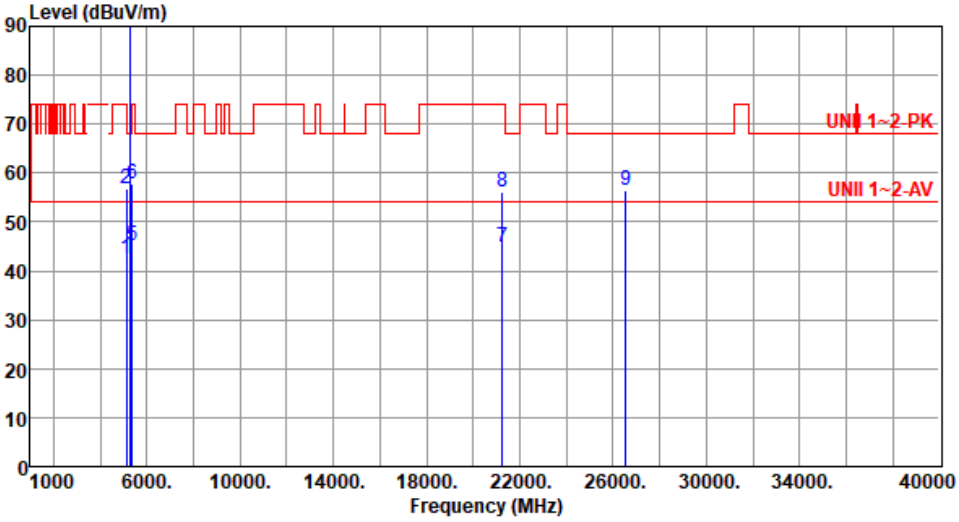


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5078.00	46.04	54.00	-7.96	46.71	-0.67	Average	175	196
2		5078.00	59.04	74.00	-14.96	59.71	-0.67	Peak	175	196
3		5150.00	43.57	54.00	-10.43	43.77	-0.20	Average	178	191
4		5150.00	56.20	74.00	-17.80	56.40	-0.20	Peak	178	191
5	*	5270.00	101.85			102.46	-0.61	Average	178	191
6	*	5270.00	115.30			115.91	-0.61	Peak	178	191
7		5350.00	44.67	54.00	-9.33	45.52	-0.85	Average	178	191
8		5350.00	57.62	74.00	-16.38	58.47	-0.85	Peak	178	191
9		21080.00	50.18	54.00	-3.82	47.16	3.02	Average	100	343
10		21080.00	58.14	74.00	-15.86	55.12	3.02	Peak	100	343
11		26350.00	56.40	68.20	-11.80	48.73	7.67	Peak	100	166

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(%):63

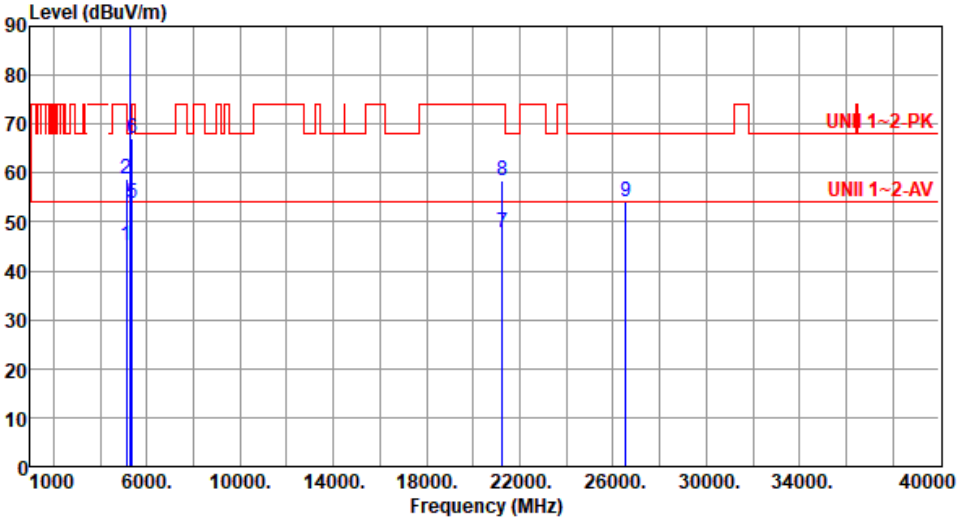


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5118.00	42.67	54.00	-11.33	43.00	-0.33	Average	100	29
2		5118.00	56.65	74.00	-17.35	56.98	-0.33	Peak	100	29
3	*	5310.00	90.15			90.85	-0.70	Average	100	29
4	*	5310.00	102.55			103.25	-0.70	Peak	100	29
5		5350.00	45.03	54.00	-8.97	45.88	-0.85	Average	100	29
6		5350.00	57.65	74.00	-16.35	58.50	-0.85	Peak	100	29
7		21240.00	44.86	54.00	-9.14	41.57	3.29	Average	125	310
8		21240.00	56.27	74.00	-17.73	52.98	3.29	Peak	125	310
9		26550.00	56.56	68.20	-11.64	48.72	7.84	Peak	100	60

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
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(%):63

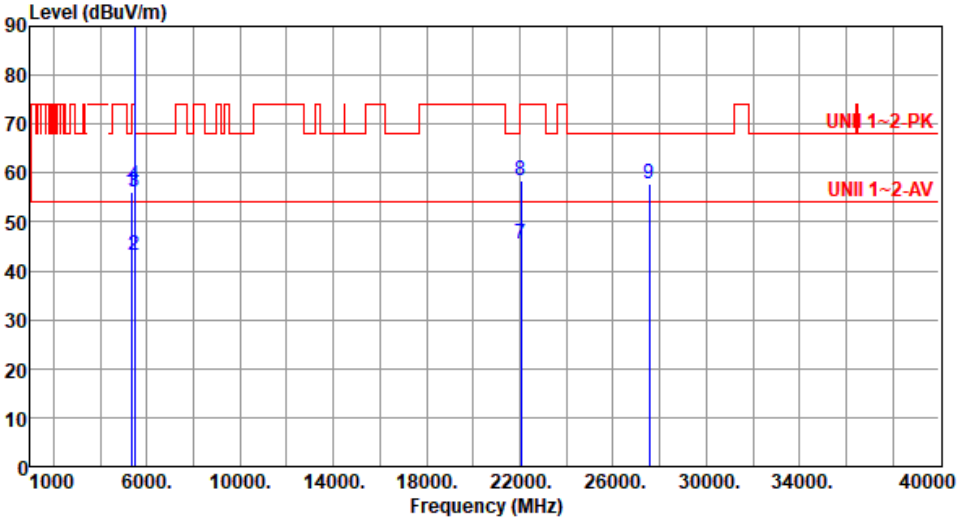


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5118.00	45.29	54.00	-8.71	45.62	-0.33	Average	177	202
2		5118.00	58.74	74.00	-15.26	59.07	-0.33	Peak	177	202
3	*	5310.00	99.94			100.64	-0.70	Average	184	168
4	*	5310.00	113.13			113.83	-0.70	Peak	184	168
5		5350.00	53.78	54.00	-0.22	54.63	-0.85	Average	184	168
6		5350.00	67.07	74.00	-6.93	67.92	-0.85	Peak	184	168
7		21240.00	47.86	54.00	-6.14	44.57	3.29	Average	100	350
8		21240.00	58.30	74.00	-15.70	55.01	3.29	Peak	100	350
9		26550.00	54.01	68.20	-14.19	46.17	7.84	Peak	100	157

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

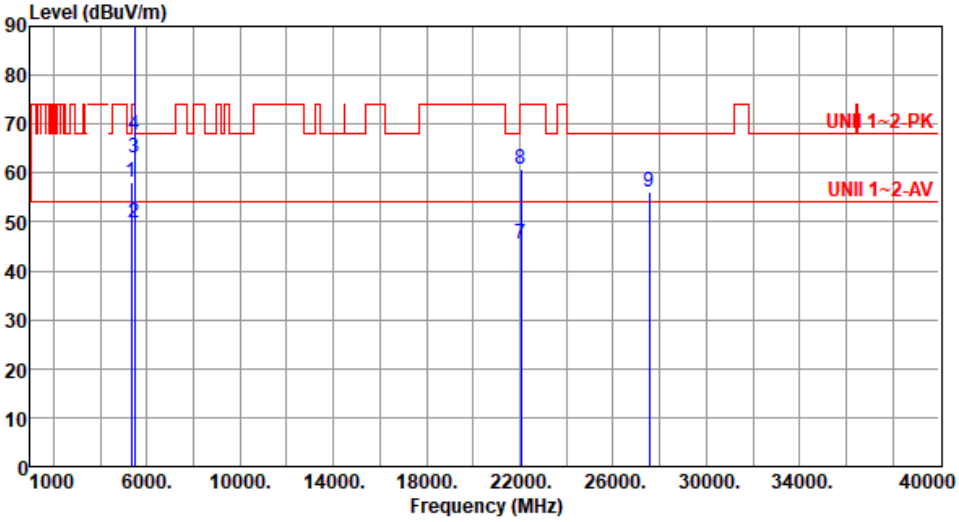


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5318.00	56.15	68.20	-12.05	56.87	-0.72	Peak	156	20
2		5460.00	43.27	54.00	-10.73	43.89	-0.62	Average	156	20
3		5460.00	56.27	74.00	-17.73	56.89	-0.62	Peak	156	20
4		5470.00	57.36	68.20	-10.84	57.95	-0.59	Peak	156	20
5	*	5510.00	89.70			90.25	-0.55	Average	156	20
6	*	5510.00	104.30			104.85	-0.55	Peak	156	20
7		22040.00	45.60	54.00	-8.40	41.65	3.95	Average	115	320
8		22040.00	58.46	74.00	-15.54	54.51	3.95	Peak	115	320
9		27550.00	57.86	68.20	-10.34	49.73	8.13	Peak	100	52

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

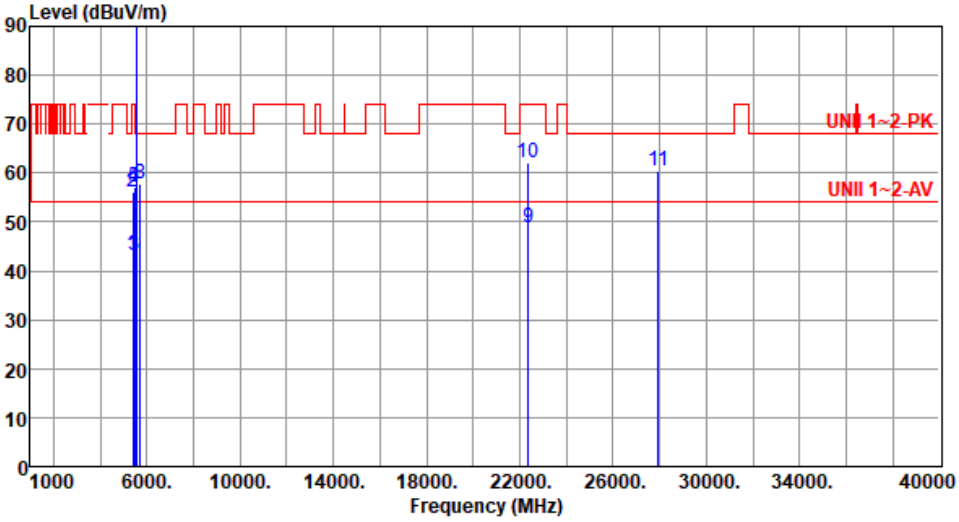


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5318.00	57.97	68.20	-10.23	58.69	-0.72	Peak	175	11
2		5460.00	49.78	54.00	-4.22	50.40	-0.62	Average	175	11
3		5460.00	63.04	74.00	-10.96	63.66	-0.62	Peak	175	11
4		5470.00	67.84	68.20	-0.36	68.43	-0.59	Peak	175	11
5	*	5510.00	100.49			101.04	-0.55	Average	175	11
6	*	5510.00	114.54			115.09	-0.55	Peak	175	11
7		22040.00	45.46	54.00	-8.54	41.51	3.95	Average	100	331
8		22040.00	60.79	74.00	-13.21	56.84	3.95	Peak	100	331
9		27550.00	55.96	68.20	-12.24	47.83	8.13	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 HE40	Test Freq. (MHz)	5590
Polarization	Horizontal		

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

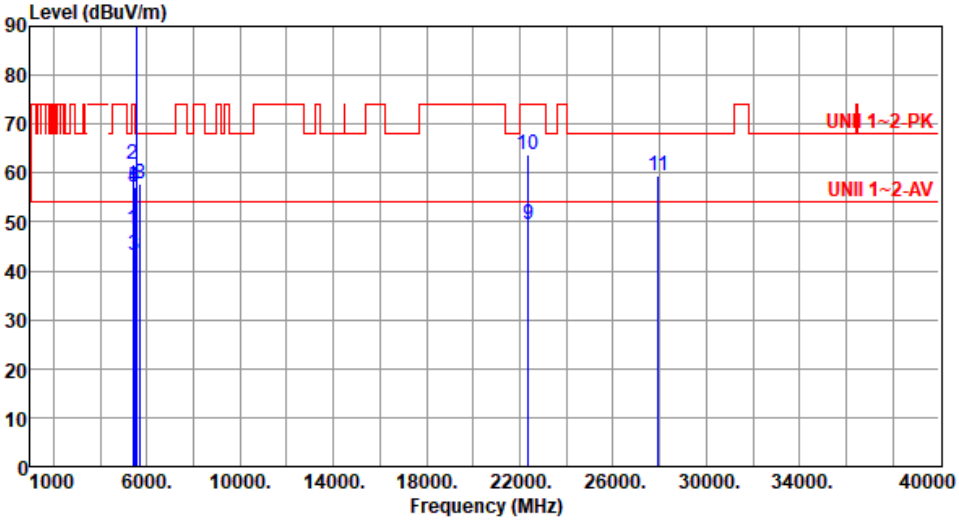


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5398.00	43.05	54.00	-10.95	43.69	-0.64	Average	166	212
2		5398.00	56.24	74.00	-17.76	56.88	-0.64	Peak	166	212
3		5460.00	43.06	54.00	-10.94	43.68	-0.62	Average	166	212
4		5460.00	56.97	74.00	-17.03	57.59	-0.62	Peak	166	212
5		5470.00	56.96	68.20	-11.24	57.55	-0.59	Peak	166	212
6	*	5590.00	92.68			93.28	-0.60	Average	166	212
7	*	5590.00	106.65			107.25	-0.60	Peak	166	212
8		5725.00	57.62	68.20	-10.58	57.72	-0.10	Peak	166	212
9		22360.00	48.72	54.00	-5.28	44.01	4.71	Average	113	317
10		22360.00	62.21	74.00	-11.79	57.50	4.71	Peak	113	317
11		27950.00	60.28	68.20	-7.92	51.23	9.05	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 HE40	Test Freq. (MHz)	5590
Polarization	Vertical		

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

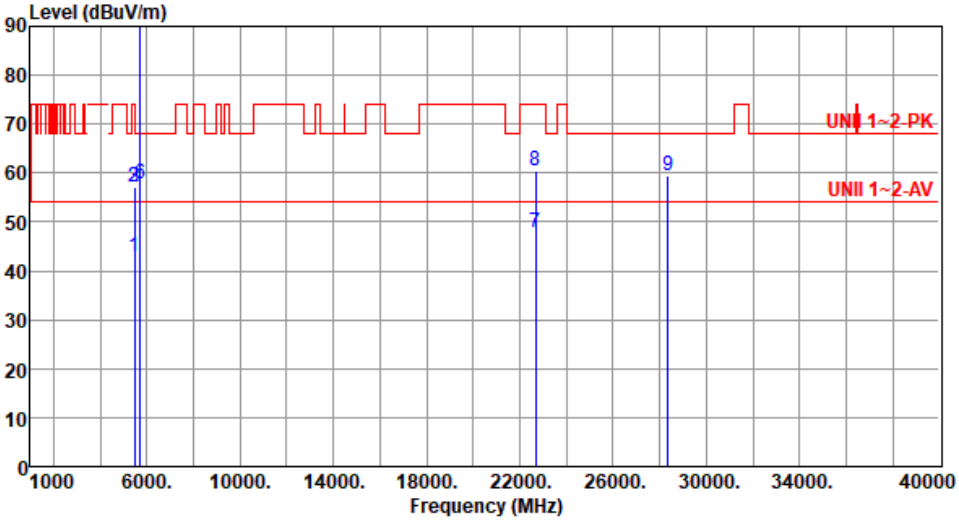


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5398.00	48.57	54.00	-5.43	49.21	-0.64	Average	182	189
2		5398.00	61.89	74.00	-12.11	62.53	-0.64	Peak	182	189
3		5460.00	43.34	54.00	-10.66	43.96	-0.62	Average	184	189
4		5460.00	57.01	74.00	-16.99	57.63	-0.62	Peak	184	189
5		5470.00	57.01	68.20	-11.19	57.60	-0.59	Peak	184	189
6	*	5590.00	103.77			104.37	-0.60	Average	184	189
7	*	5590.00	117.61			118.21	-0.60	Peak	184	189
8		5725.00	57.76	68.20	-10.44	57.86	-0.10	Peak	184	189
9		22360.00	49.42	54.00	-4.58	44.71	4.71	Average	100	333
10		22360.00	63.62	74.00	-10.38	58.91	4.71	Peak	100	333
11		27950.00	59.52	68.20	-8.68	50.47	9.05	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 HE40	**Test Freq. (MHz)**	5670
Polarization	Horizontal		

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

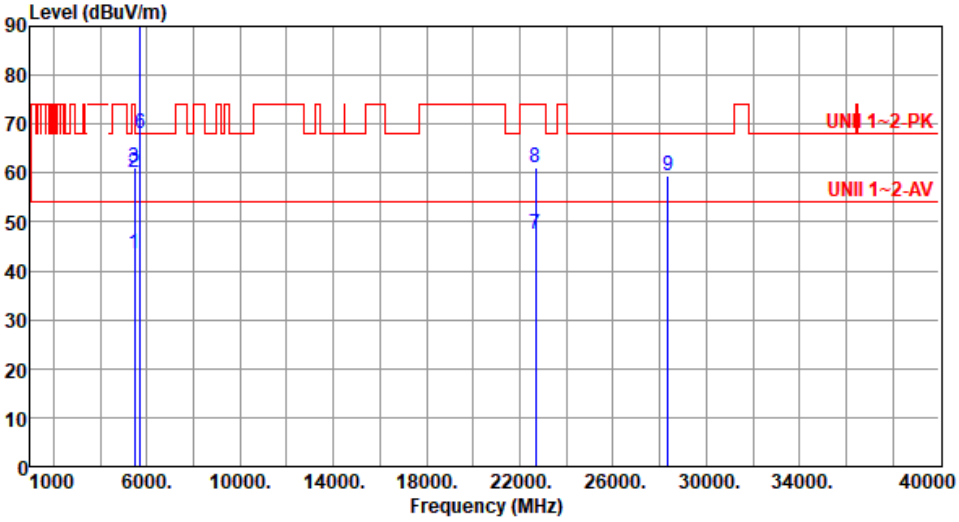


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	42.99	54.00	-11.01	43.61	-0.62	Average	173	209
2		5460.00	57.19	74.00	-16.81	57.81	-0.62	Peak	173	209
3		5470.00	57.24	68.20	-10.96	57.83	-0.59	Peak	173	209
4	*	5670.00	92.58			92.98	-0.40	Average	173	209
5	*	5670.00	106.52			106.92	-0.40	Peak	173	209
6		5725.00	57.66	68.20	-10.54	57.76	-0.10	Peak	173	209
7		22680.00	47.67	54.00	-6.33	42.18	5.49	Average	116	320
8		22680.00	60.56	74.00	-13.44	55.07	5.49	Peak	116	320
9		28350.00	59.45	68.20	-8.75	50.33	9.12	Peak	100	132

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

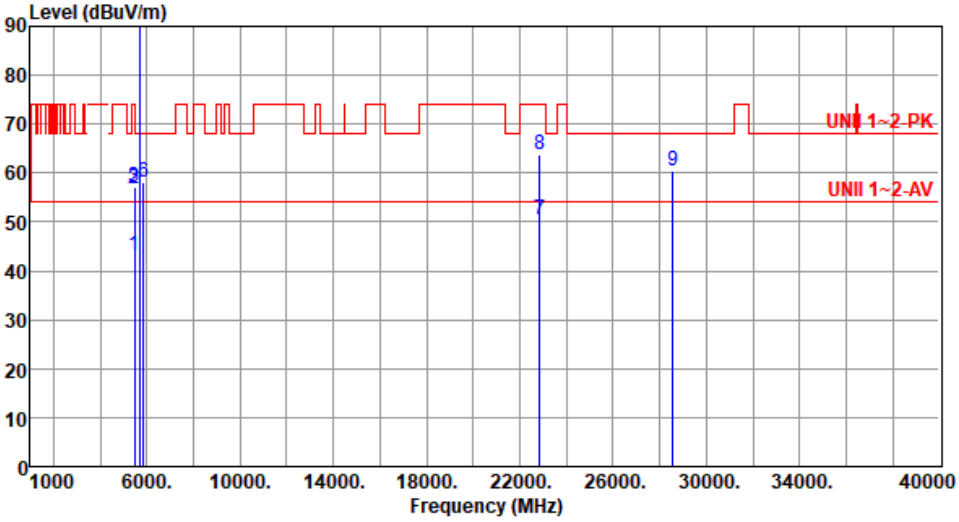


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.35	54.00	-10.65	43.97	-0.62	Average	201	17
2		5460.00	60.27	74.00	-13.73	60.89	-0.62	Peak	201	17
3		5470.00	60.95	68.20	-7.25	61.54	-0.59	Peak	201	17
4	*	5670.00	103.85			104.25	-0.40	Average	201	17
5	*	5670.00	117.99			118.39	-0.40	Peak	201	17
6		5725.00	67.98	68.20	-0.22	68.08	-0.10	Peak	201	17
7		22680.00	47.46	54.00	-6.54	41.97	5.49	Average	100	321
8		22680.00	60.97	74.00	-13.03	55.48	5.49	Peak	100	321
9		28350.00	59.61	68.20	-8.59	50.49	9.12	Peak	100	64

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

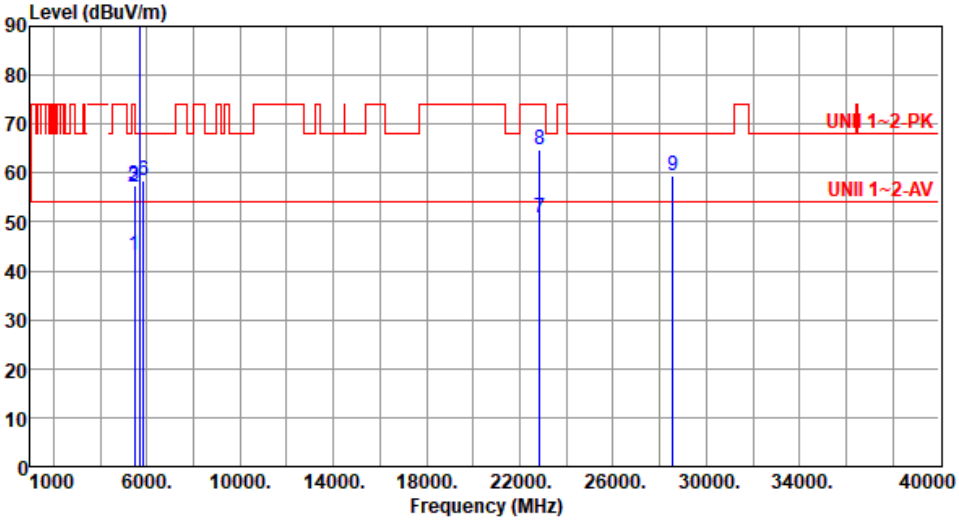


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.11	54.00	-10.89	43.73	-0.62	Average	170	220
2		5460.00	56.87	74.00	-17.13	57.49	-0.62	Peak	170	220
3		5470.00	57.16	68.20	-11.04	57.75	-0.59	Peak	170	220
4	*	5710.00	92.95			93.15	-0.20	Average	170	220
5	*	5710.00	106.38			106.58	-0.20	Peak	170	220
6		5850.00	58.24	68.20	-9.96	57.85	0.39	Peak	170	220
7		22840.00	50.48	54.00	-3.52	44.66	5.82	Average	115	312
8		22840.00	63.70	74.00	-10.30	57.88	5.82	Peak	115	312
9		28550.00	60.49	68.20	-7.71	51.20	9.29	Peak	100	59

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

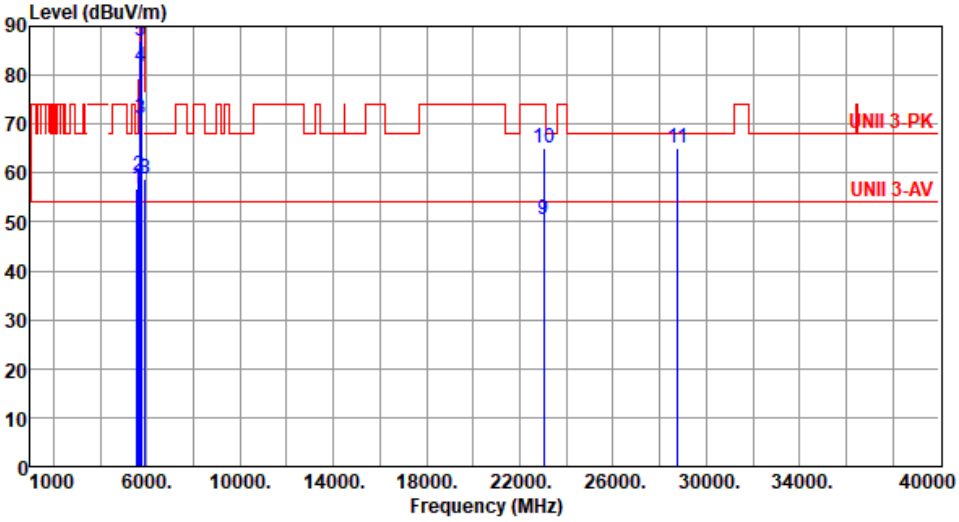


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	43.27	54.00	-10.73	43.89	-0.62	Average	198	185
2		5460.00	56.97	74.00	-17.03	57.59	-0.62	Peak	198	185
3		5470.00	57.29	68.20	-10.91	57.88	-0.59	Peak	198	185
4	*	5710.00	104.01			104.21	-0.20	Average	198	185
5	*	5710.00	117.85			118.05	-0.20	Peak	198	185
6		5850.00	58.37	68.20	-9.83	57.98	0.39	Peak	198	185
7		22840.00	50.67	54.00	-3.33	44.85	5.82	Average	100	328
8		22840.00	64.77	74.00	-9.23	58.95	5.82	Peak	100	328
9		28550.00	59.49	68.20	-8.71	50.20	9.29	Peak	100	151

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

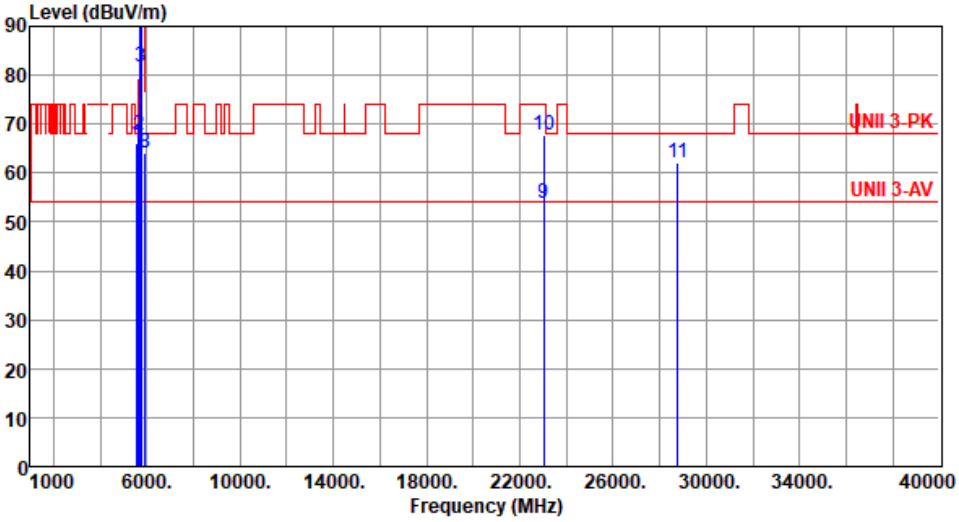


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5563.00	56.64	68.20	-11.56	57.25	-0.61	Peak	100	38
2		5650.00	59.37	68.20	-8.83	59.84	-0.47	Peak	100	38
3		5700.00	70.99	105.20	-34.21	71.25	-0.26	Peak	100	38
4		5720.00	81.76	110.80	-29.04	81.89	-0.13	Peak	100	38
5		5725.00	86.85	122.20	-35.35	86.95	-0.10	Peak	100	38
6	*	5755.00	94.92			94.85	0.07	Average	100	38
7	*	5755.00	108.32			108.25	0.07	Peak	100	38
8		5925.00	58.91	68.20	-9.29	58.55	0.36	Peak	100	38
9		23020.00	50.52	54.00	-3.48	44.35	6.17	Average	277	350
10		23020.00	65.01	74.00	-8.99	58.84	6.17	Peak	277	350
11		28775.00	65.02	68.20	-3.18	55.17	9.85	Peak	181	311

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(%):63

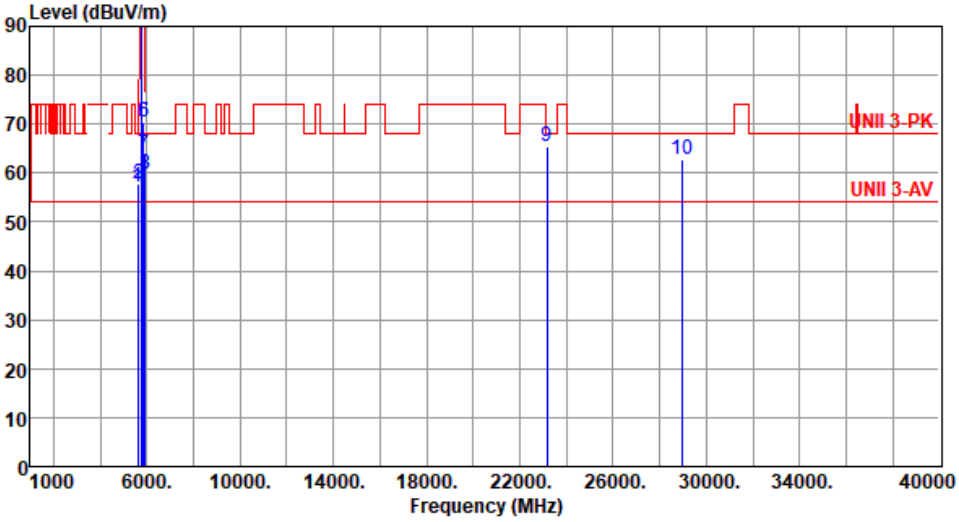


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5563.00	66.02	68.20	-2.18	66.63	-0.61	Peak	180	193
2		5650.00	67.74	68.20	-0.46	68.21	-0.47	Peak	199	191
3		5700.00	81.82	105.20	-23.38	82.08	-0.26	Peak	199	191
4		5720.00	93.44	110.80	-17.36	93.57	-0.13	Peak	199	191
5		5725.00	98.52	122.20	-23.68	98.62	-0.10	Peak	199	191
6	*	5755.00	107.20			107.13	0.07	Average	199	191
7	*	5755.00	121.21			121.14	0.07	Peak	199	191
8		5925.00	63.94	68.20	-4.26	63.58	0.36	Peak	199	191
9		23020.00	53.65	54.00	-0.35	47.48	6.17	Average	200	9
10		23020.00	67.58	74.00	-6.42	61.41	6.17	Peak	200	9
11		28775.00	62.01	68.20	-6.19	52.16	9.85	Peak	100	333

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

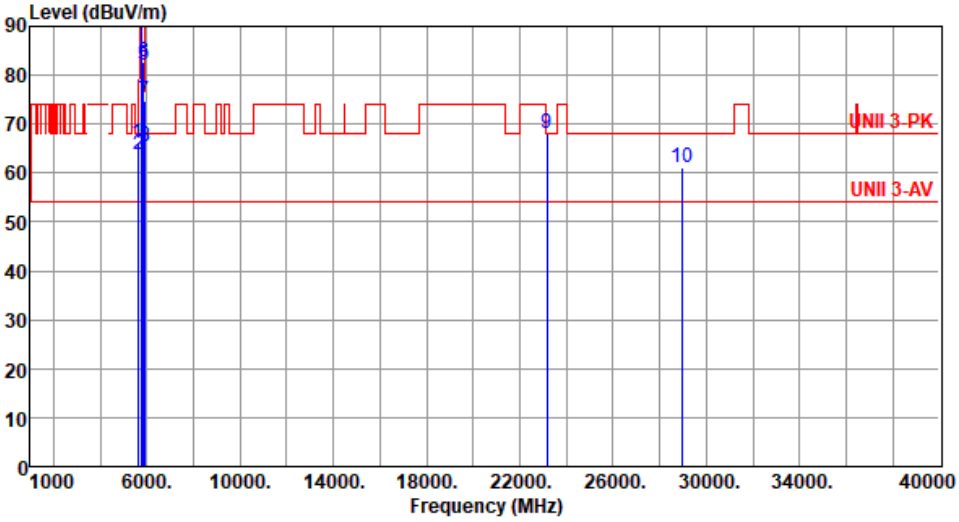


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5603.00	57.26	68.20	-10.94	57.85	-0.59	Peak	100	32
2		5650.00	57.67	68.20	-10.53	58.14	-0.47	Peak	100	32
3	*	5795.00	95.42			95.25	0.17	Average	100	32
4	*	5795.00	108.45			108.28	0.17	Peak	100	32
5		5850.00	70.44	122.20	-51.76	70.05	0.39	Peak	100	32
6		5855.00	70.29	110.80	-40.51	69.90	0.39	Peak	100	32
7		5875.00	63.65	105.20	-41.55	63.25	0.40	Peak	100	32
8		5925.00	59.69	68.20	-8.51	59.33	0.36	Peak	100	32
9		23180.00	65.37	68.20	-2.83	59.09	6.28	Peak	284	348
10		28975.00	62.83	68.20	-5.37	53.11	9.72	Peak	171	315

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



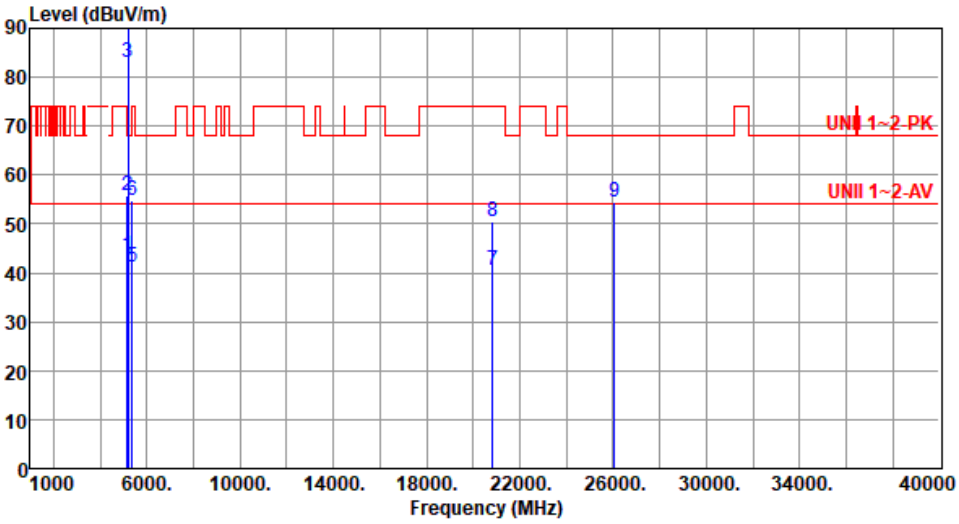
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5603.00	65.95	68.20	-2.25	66.54	-0.59	Peak	215	193
2		5650.00	63.87	68.20	-4.33	64.34	-0.47	Peak	211	190
3	*	5795.00	108.20			108.03	0.17	Average	211	190
4	*	5795.00	121.42			121.25	0.17	Peak	211	190
5		5850.00	81.87	122.20	-40.33	81.48	0.39	Peak	211	190
6		5855.00	82.64	110.80	-28.16	82.25	0.39	Peak	211	190
7		5875.00	74.74	105.20	-30.46	74.34	0.40	Peak	211	190
8		5925.00	65.35	68.20	-2.85	64.99	0.36	Peak	211	190
9		23180.00	67.95	68.20	-0.25	61.67	6.28	Peak	316	15
10		28975.00	61.05	68.20	-7.15	51.33	9.72	Peak	345	10

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(%):63

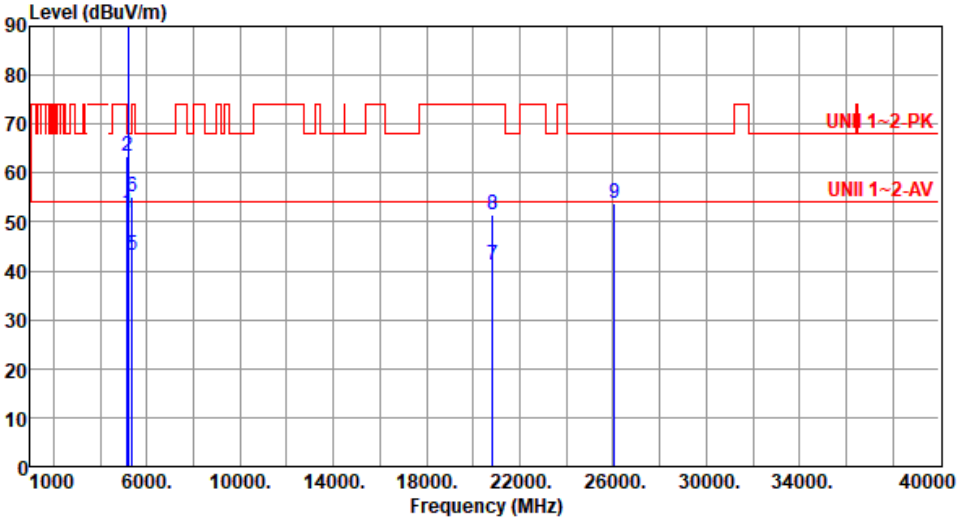


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	43.38	54.00	-10.62	43.58	-0.20	Average	100	26
2		5150.00	55.68	74.00	-18.32	55.88	-0.20	Peak	100	26
3	*	5210.00	82.93			83.28	-0.35	Average	100	26
4	*	5210.00	95.90			96.25	-0.35	Peak	100	26
5		5350.00	41.15	54.00	-12.85	42.00	-0.85	Average	100	26
6		5350.00	54.85	74.00	-19.15	55.70	-0.85	Peak	100	26
7		20840.00	40.44	54.00	-13.56	37.86	2.58	Average	100	311
8		20840.00	50.60	74.00	-23.40	48.02	2.58	Peak	100	311
9		26050.00	54.56	68.20	-13.64	46.69	7.87	Peak	100	52

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(%):63

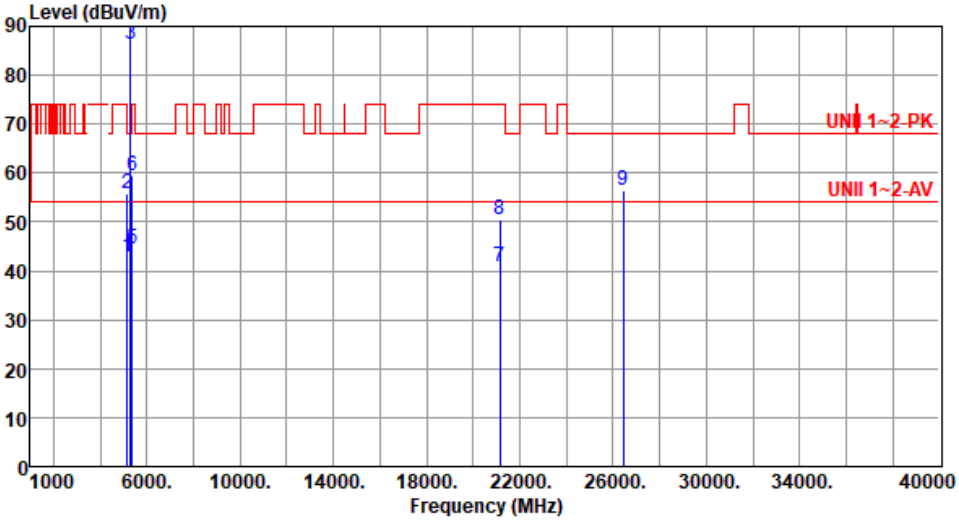


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	51.68	54.00	-2.32	51.88	-0.20	Average	149	199
2		5150.00	63.39	74.00	-10.61	63.59	-0.20	Peak	149	199
3	*	5210.00	93.56			93.91	-0.35	Average	149	199
4	*	5210.00	105.83			106.18	-0.35	Peak	149	199
5		5350.00	43.13	54.00	-10.87	43.98	-0.85	Average	149	199
6		5350.00	55.13	74.00	-18.87	55.98	-0.85	Peak	149	199
7		20840.00	41.10	54.00	-12.90	38.52	2.58	Average	100	350
8		20840.00	51.53	74.00	-22.47	48.95	2.58	Peak	100	350
9		26050.00	53.72	68.20	-14.48	45.85	7.87	Peak	100	157

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(%):63

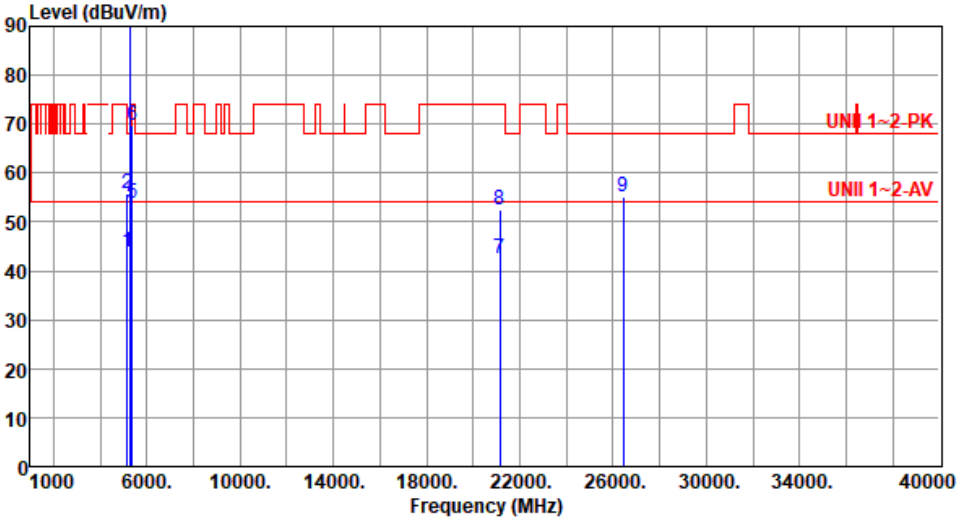


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	42.69	54.00	-11.31	42.89	-0.20	Average	100	30
2		5150.00	55.65	74.00	-18.35	55.85	-0.20	Peak	100	30
3	*	5290.00	86.20			86.84	-0.64	Average	100	30
4	*	5290.00	100.23			100.87	-0.64	Peak	100	30
5		5350.00	44.40	54.00	-9.60	45.25	-0.85	Average	100	30
6		5350.00	59.40	74.00	-14.60	60.25	-0.85	Peak	100	30
7		21160.00	40.73	54.00	-13.27	37.59	3.14	Average	122	302
8		21160.00	50.41	74.00	-23.59	47.27	3.14	Peak	122	302
9		26450.00	56.32	68.20	-11.88	48.66	7.66	Peak	100	60

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
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(%):63

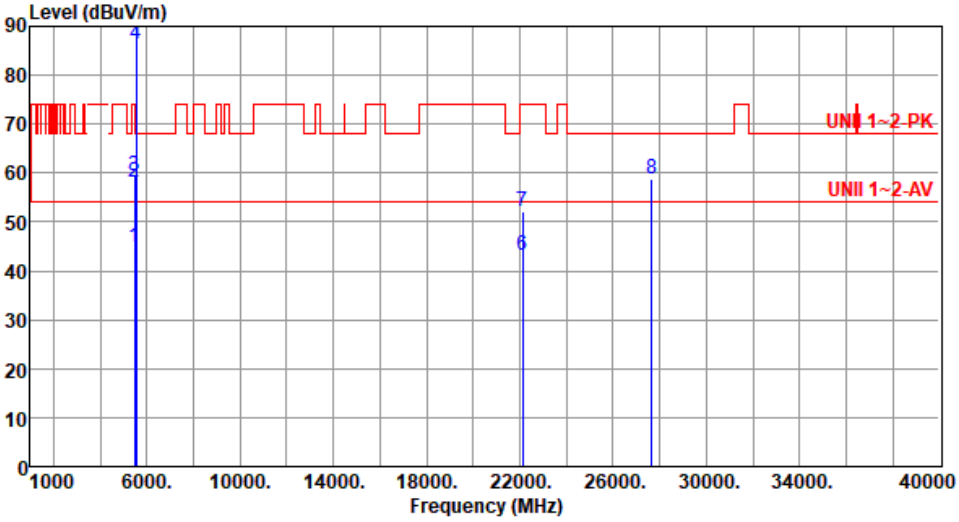


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	43.69	54.00	-10.31	43.89	-0.20	Average	182	194
2		5150.00	55.75	74.00	-18.25	55.95	-0.20	Peak	182	194
3	*	5290.00	96.31			96.95	-0.64	Average	182	194
4	*	5290.00	110.44			111.08	-0.64	Peak	182	194
5		5350.00	53.80	54.00	-0.20	54.65	-0.85	Average	182	194
6		5350.00	69.68	74.00	-4.32	70.53	-0.85	Peak	182	194
7		21160.00	42.40	54.00	-11.60	39.26	3.14	Average	100	345
8		21160.00	52.35	74.00	-21.65	49.21	3.14	Peak	100	345
9		26450.00	55.16	68.20	-13.04	47.50	7.66	Peak	100	170

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(%):63

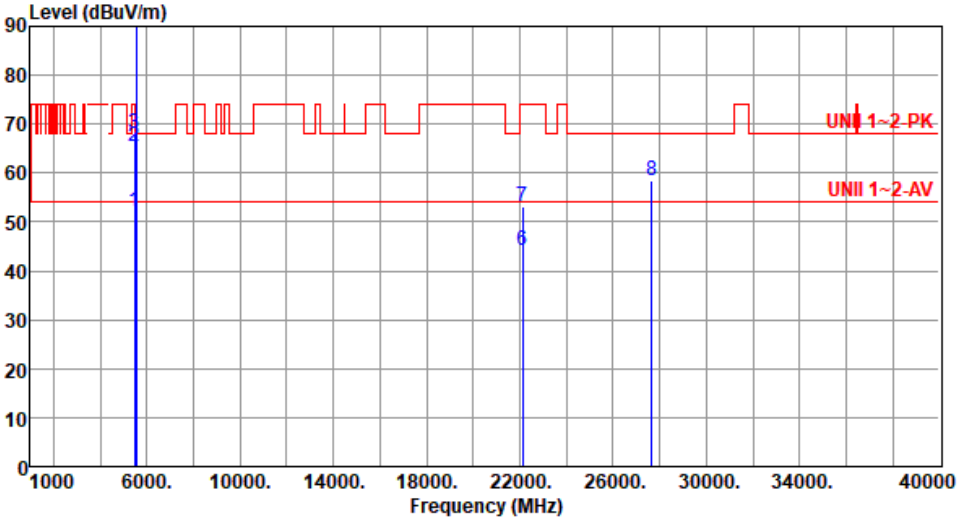


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	44.94	54.00	-9.06	45.56	-0.62	Average	163	206
2		5460.00	57.97	74.00	-16.03	58.59	-0.62	Peak	163	206
3		5470.00	59.36	68.20	-8.84	59.95	-0.59	Peak	163	206
4	*	5530.00	86.27			86.85	-0.58	Average	163	206
5	*	5530.00	99.17			99.75	-0.58	Peak	163	206
6		22120.00	43.11	54.00	-10.89	38.99	4.12	Average	100	287
7		22120.00	52.21	74.00	-21.79	48.09	4.12	Peak	100	287
8		27650.00	58.88	68.20	-9.32	50.53	8.35	Peak	100	50

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
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(%):63

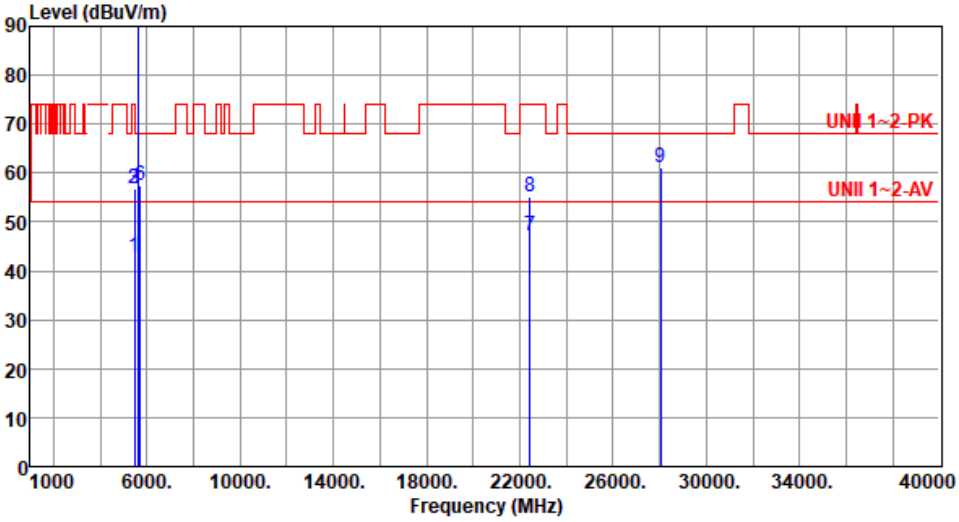


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	52.08	54.00	-1.92	52.70	-0.62	Average	177	188
2		5460.00	65.41	74.00	-8.59	66.03	-0.62	Peak	177	188
3		5470.00	67.94	68.20	-0.26	68.53	-0.59	Peak	177	188
4	*	5530.00	97.31			97.89	-0.58	Average	177	188
5	*	5530.00	110.25			110.83	-0.58	Peak	177	188
6		22120.00	44.16	54.00	-9.84	40.04	4.12	Average	100	299
7		22120.00	53.06	74.00	-20.94	48.94	4.12	Peak	100	299
8		27650.00	58.31	68.20	-9.89	49.96	8.35	Peak	100	135

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

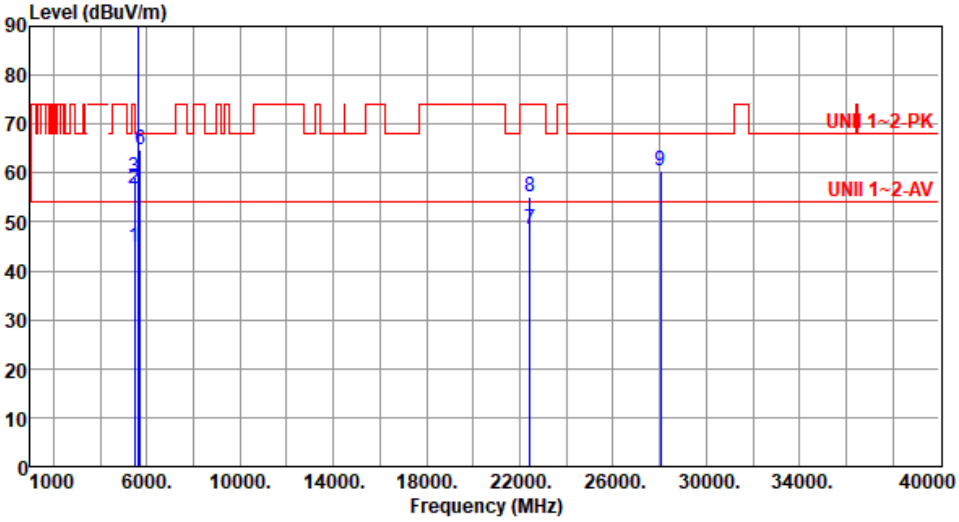


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	42.97	54.00	-11.03	43.59	-0.62	Average	155	206
2		5460.00	56.69	74.00	-17.31	57.31	-0.62	Peak	155	206
3		5470.00	56.67	68.20	-11.53	57.26	-0.59	Peak	155	206
4	*	5610.00	89.60			90.17	-0.57	Average	155	206
5	*	5610.00	102.43			103.00	-0.57	Peak	155	206
6		5725.00	57.48	68.20	-10.72	57.58	-0.10	Peak	155	206
7		22440.00	47.12	54.00	-6.88	42.18	4.94	Average	100	302
8		22440.00	55.13	74.00	-18.87	50.19	4.94	Peak	100	302
9		28050.00	61.14	68.20	-7.06	51.98	9.16	Peak	100	62

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

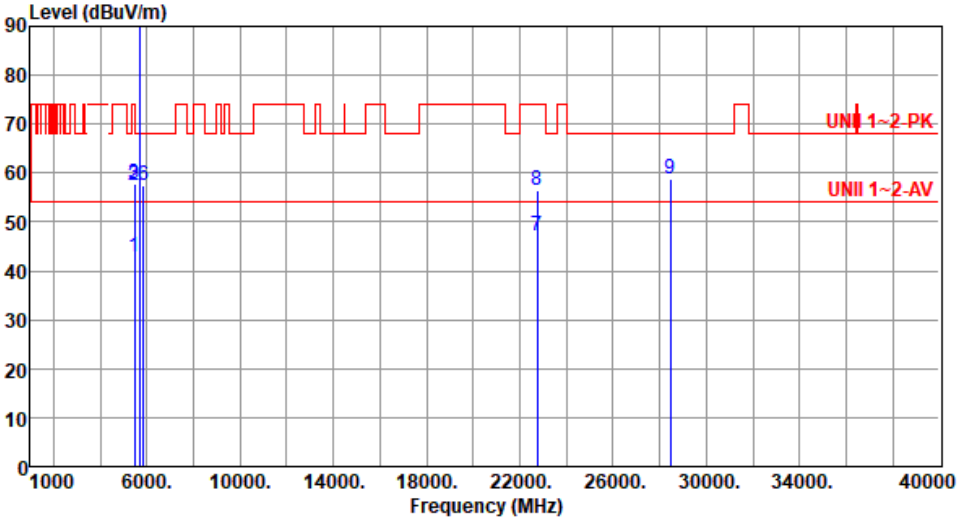


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	44.95	54.00	-9.05	45.57	-0.62	Average	210	184
2		5460.00	56.87	74.00	-17.13	57.49	-0.62	Peak	210	184
3		5470.00	59.19	68.20	-9.01	59.78	-0.59	Peak	210	184
4	*	5610.00	100.70			101.27	-0.57	Average	210	184
5	*	5610.00	113.58			114.15	-0.57	Peak	210	184
6		5725.00	64.65	68.20	-3.55	64.75	-0.10	Peak	210	184
7		22440.00	48.61	54.00	-5.39	43.67	4.94	Average	100	318
8		22440.00	55.10	74.00	-18.90	50.16	4.94	Peak	100	318
9		28050.00	60.38	68.20	-7.82	51.22	9.16	Peak	100	138

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

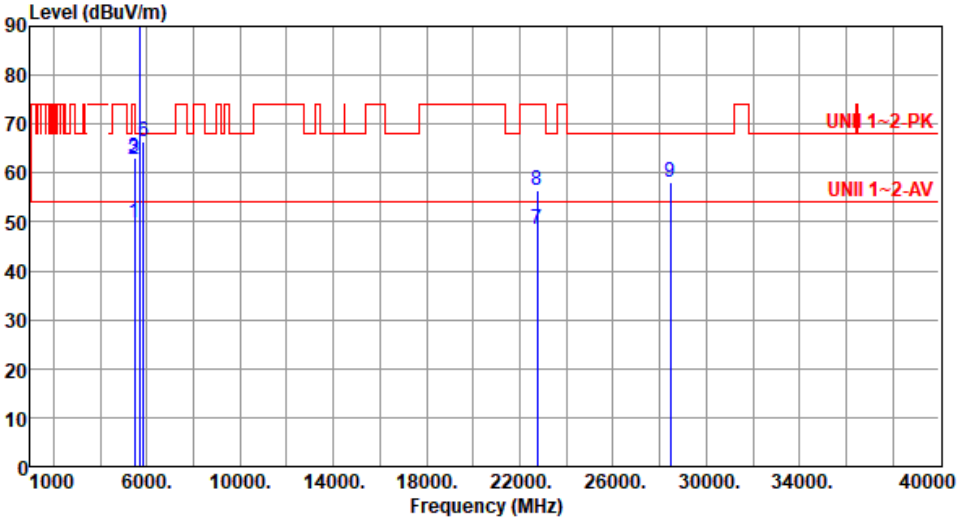


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	42.98	54.00	-11.02	43.60	-0.62	Average	179	215
2		5460.00	57.38	74.00	-16.62	58.00	-0.62	Peak	179	215
3		5470.00	57.93	68.20	-10.27	58.52	-0.59	Peak	179	215
4	*	5690.00	89.85			90.15	-0.30	Average	179	215
5	*	5690.00	102.65			102.95	-0.30	Peak	179	215
6		5850.00	57.34	68.20	-10.86	56.95	0.39	Peak	179	215
7		22760.00	47.14	54.00	-6.86	41.48	5.66	Average	100	320
8		22760.00	56.35	74.00	-17.65	50.69	5.66	Peak	100	320
9		28450.00	58.78	68.20	-9.42	49.65	9.13	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 HE80	**Test Freq. (MHz)**	5690
Polarization	Vertical		

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

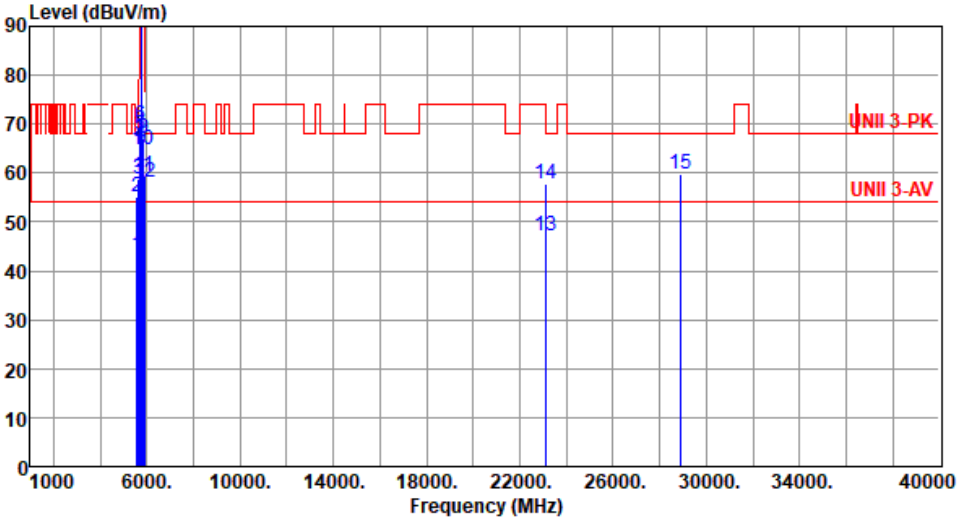


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	49.90	54.00	-4.10	50.52	-0.62	Average	201	188
2		5460.00	62.69	74.00	-11.31	63.31	-0.62	Peak	201	188
3		5470.00	63.24	68.20	-4.96	63.83	-0.59	Peak	201	188
4	*	5690.00	100.91			101.21	-0.30	Average	201	188
5	*	5690.00	113.30			113.60	-0.30	Peak	201	188
6		5850.00	66.28	68.20	-1.92	65.89	0.39	Peak	201	188
7		22760.00	48.64	54.00	-5.36	42.98	5.66	Average	100	324
8		22760.00	56.51	74.00	-17.49	50.85	5.66	Peak	100	324
9		28450.00	58.08	68.20	-10.12	48.95	9.13	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 HE80	Test Freq. (MHz)	5775
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):63

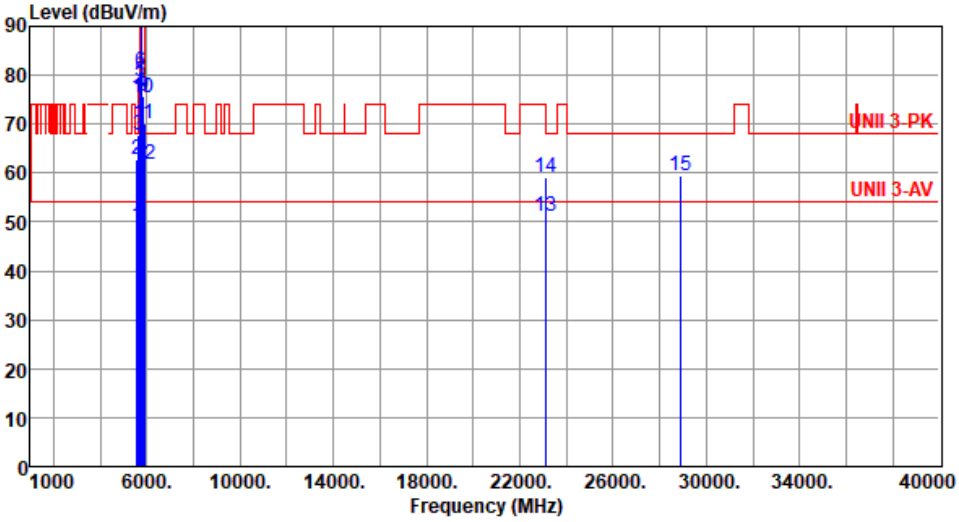


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5583.00	43.08	54.00	-10.92	43.69	-0.61	Average	100	21
2		5583.00	55.24	68.20	-12.96	55.85	-0.61	Peak	100	21
3		5650.00	58.72	68.20	-9.48	59.19	-0.47	Peak	100	21
4		5700.00	65.64	105.20	-39.56	65.90	-0.26	Peak	100	21
5		5720.00	67.62	110.80	-43.18	67.75	-0.13	Peak	100	21
6		5725.00	69.85	122.20	-52.35	69.95	-0.10	Peak	100	21
7	*	5775.00	90.07			89.95	0.12	Average	100	21
8	*	5775.00	103.37			103.25	0.12	Peak	100	21
9		5850.00	67.02	122.20	-55.18	66.63	0.39	Peak	100	21
10		5855.00	64.64	110.80	-46.16	64.25	0.39	Peak	100	21
11		5875.00	59.36	105.20	-45.84	58.96	0.40	Peak	100	21
12		5925.00	58.26	68.20	-9.94	57.90	0.36	Peak	100	21
13		23100.00	47.01	54.00	-6.99	40.79	6.22	Average	100	304
14		23100.00	57.64	74.00	-16.36	51.42	6.22	Peak	100	304
15		28875.00	59.67	68.20	-8.53	49.89	9.78	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 HE80	Test Freq. (MHz)	5775
Polarization	Vertical		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):63

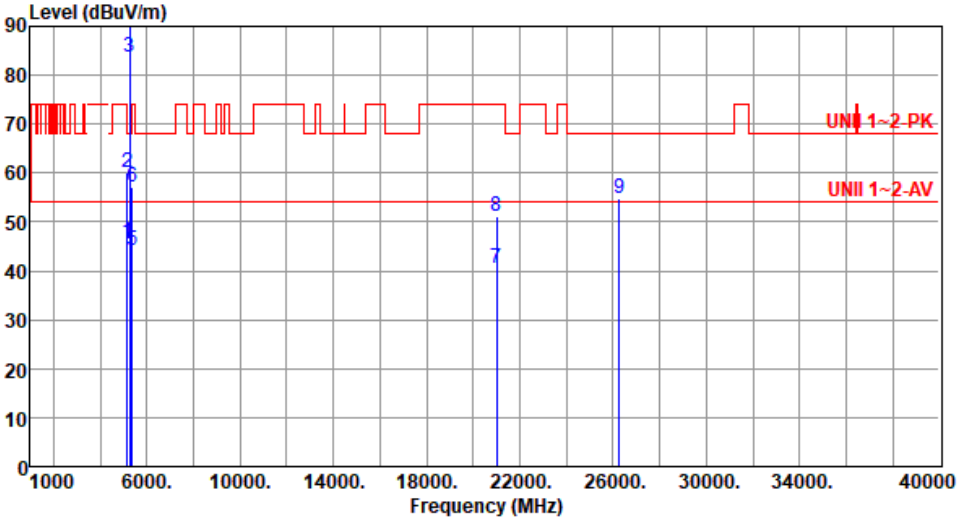


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5583.00	49.29	54.00	-4.71	49.90	-0.61	Average	186	193
2		5583.00	62.83	68.20	-5.37	63.44	-0.61	Peak	186	193
3		5650.00	67.79	68.20	-0.41	68.26	-0.47	Peak	209	188
4		5700.00	76.46	105.20	-28.74	76.72	-0.26	Peak	209	188
5		5720.00	78.66	110.80	-32.14	78.79	-0.13	Peak	209	188
6		5725.00	80.80	122.20	-41.40	80.90	-0.10	Peak	209	188
7	*	5775.00	102.40			102.28	0.12	Average	209	188
8	*	5775.00	116.82			116.70	0.12	Peak	209	188
9		5850.00	75.58	122.20	-46.62	75.19	0.39	Peak	209	188
10		5855.00	75.25	110.80	-35.55	74.86	0.39	Peak	209	188
11		5875.00	70.03	105.20	-35.17	69.63	0.40	Peak	209	188
12		5925.00	61.71	68.20	-6.49	61.35	0.36	Peak	209	188
13		23100.00	51.26	54.00	-2.74	45.04	6.22	Average	100	334
14		23100.00	58.99	74.00	-15.01	52.77	6.22	Peak	100	334
15		28875.00	59.42	68.20	-8.78	49.64	9.78	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 HE160-OFDMA	**Test Freq. (MHz)**	5250
Polarization	Horizontal		

Test By :Roger Lu- Temperature(℃):24 Humidity(%):63

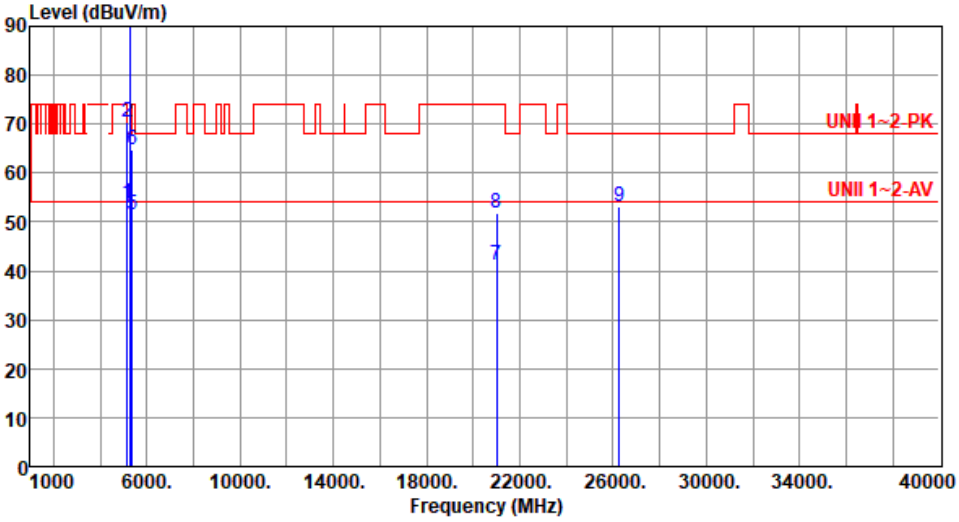


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	45.68	54.00	-8.32	45.88	-0.20	Average	100	33
2		5150.00	60.05	74.00	-13.95	60.25	-0.20	Peak	100	33
3	*	5250.00	83.70			84.28	-0.58	Average	100	33
4	*	5250.00	97.00			97.58	-0.58	Peak	100	33
5		5350.00	44.02	54.00	-9.98	44.87	-0.85	Average	100	33
6		5350.00	57.00	74.00	-17.00	57.85	-0.85	Peak	100	33
7		21000.00	40.64	54.00	-13.36	37.75	2.89	Average	100	310
8		21000.00	51.14	74.00	-22.86	48.25	2.89	Peak	100	310
9		26250.00	54.83	68.20	-13.37	47.14	7.69	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(℃):24 Humidity(%):63

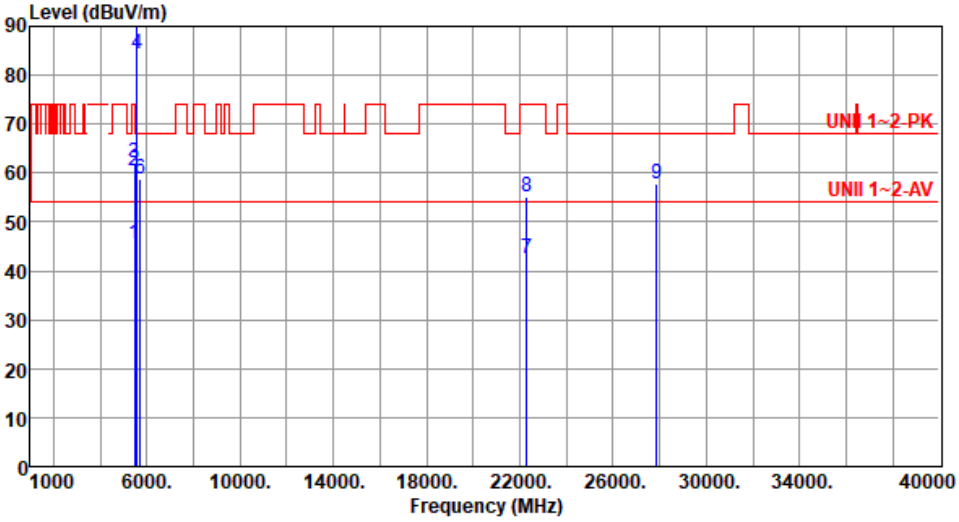


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5150.00	53.88	54.00	-0.12	54.08	-0.20	Average	157	197
2		5150.00	70.37	74.00	-3.63	70.57	-0.20	Peak	157	197
3	*	5250.00	93.84			94.42	-0.58	Average	157	197
4	*	5250.00	107.41			107.99	-0.58	Peak	157	197
5		5350.00	51.49	54.00	-2.51	52.34	-0.85	Average	157	197
6		5350.00	64.68	74.00	-9.32	65.53	-0.85	Peak	157	197
7		21000.00	41.33	54.00	-12.67	38.44	2.89	Average	100	349
8		21000.00	51.74	74.00	-22.26	48.85	2.89	Peak	100	349
9		26250.00	53.17	68.20	-15.03	45.48	7.69	Peak	100	153

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(℃):24 Humidity(%):63

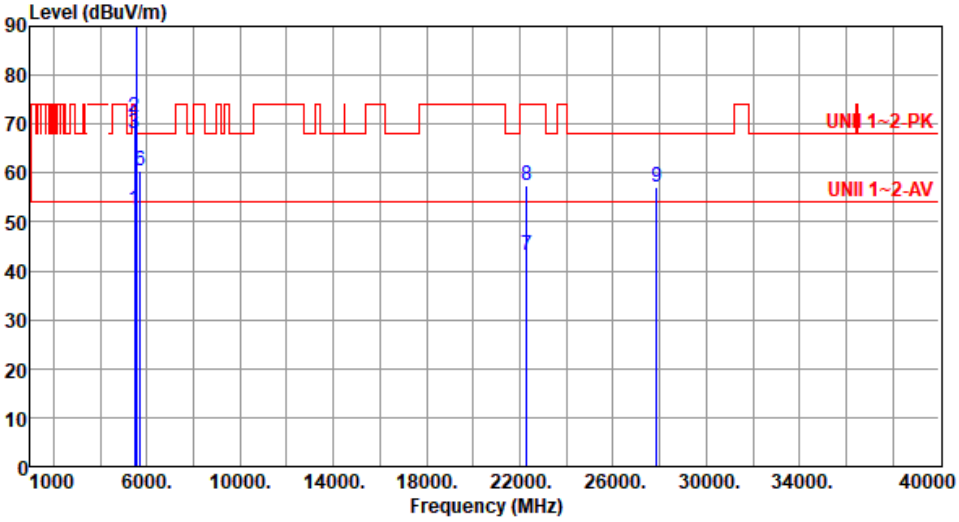


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5460.00	45.33	54.00	-8.67	45.95	-0.62	Average	170	215
2		5460.00	60.39	74.00	-13.61	61.01	-0.62	Peak	170	215
3		5470.00	61.96	68.20	-6.24	62.55	-0.59	Peak	170	215
4	*	5570.00	84.44			85.05	-0.61	Average	170	215
5	*	5570.00	97.41			98.02	-0.61	Peak	170	215
6		5725.00	58.75	68.20	-9.45	58.85	-0.10	Peak	170	215
7		22280.00	42.47	54.00	-11.53	37.99	4.48	Average	100	320
8		22280.00	55.26	74.00	-18.74	50.78	4.48	Peak	100	320
9		27850.00	57.67	68.20	-10.53	48.84	8.83	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(℃):24 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		5460.00	52.63	54.00	-1.37	53.25	-0.62	Average	192	193
2		5460.00	71.40	74.00	-2.60	72.02	-0.62	Peak	192	193
3		5470.00	67.96	68.20	-0.24	68.55	-0.59	Peak	192	193
4	*	5570.00	95.46			96.07	-0.61	Average	192	193
5	*	5570.00	108.98			109.59	-0.61	Peak	192	193
6		5725.00	60.52	68.20	-7.68	60.62	-0.10	Peak	192	193
7		22280.00	43.06	54.00	-10.94	38.58	4.48	Average	100	338
8		22280.00	57.33	74.00	-16.67	52.85	4.48	Peak	100	338
9		27850.00	56.97	68.20	-11.23	48.14	8.83	Peak	100	156

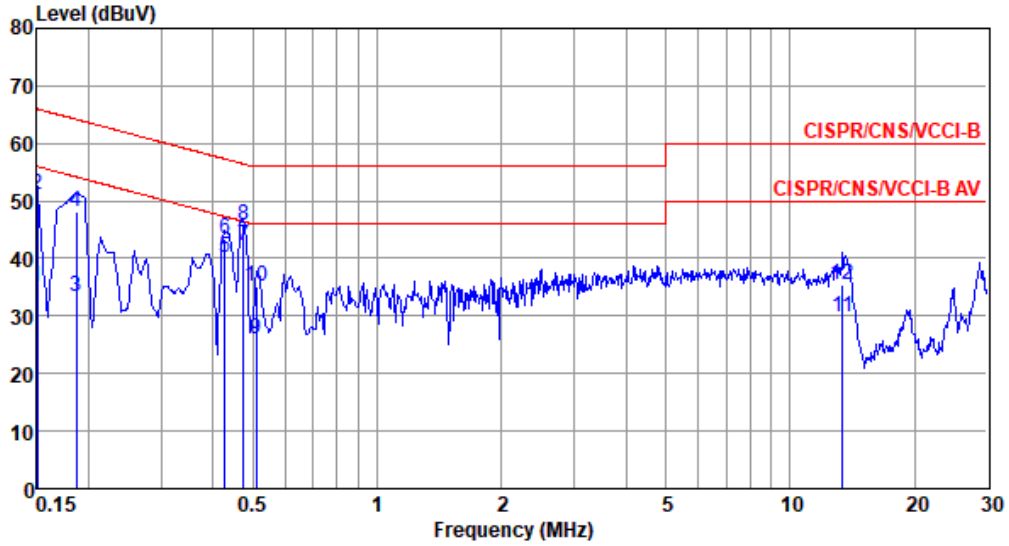
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Frequency: 5300 MHz	Frequency Drift (ppm)			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	-0.78	-0.95	-0.78	-0.71
T20°CVmin	-1.44	-0.87	-1.55	-1.44
T65°CVnom	-0.52	-0.84	-0.72	-0.63
T60°CVnom	-0.93	-0.43	-1.17	-0.55
T50°CVnom	-0.85	-0.33	-0.26	-0.31
T40°CVnom	-0.94	-0.25	-0.52	-0.28
T30°CVnom	-0.86	-0.33	-0.51	-0.52
T20°CVnom	-1.02	-0.18	-0.56	-0.46
T10°CVnom	2.78	3.49	2.69	3.00
T0°CVnom	4.78	4.99	4.74	5.05
T-10°CVnom	6.49	6.85	6.54	6.66
T-20°CVnom	8.32	8.13	8.09	8.46
T-30°CVnom	8.97	9.56	8.92	9.75
T-40°CVnom	9.84	10.00	10.32	9.57
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [˚C]: 20	Tmax [˚C]: 65		Tmin [˚C]: -40	

Frequency: 5785 MHz	Frequency Drift (ppm			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	-0.53	-0.76	-0.26	-0.36
T20°CVmin	-0.86	-0.35	-0.17	-0.55
T65°CVnom	-2.55	-2.90	-2.72	-2.08
T60°CVnom	-0.39	-0.36	-0.31	-0.80
T50°CVnom	-0.27	-0.14	0.03	-0.66
T40°CVnom	-0.38	-0.37	-0.30	-0.04
T30°CVnom	-0.72	-0.44	-0.19	-0.62
T20°CVnom	-0.95	-1.43	-1.28	-0.67
T10°CVnom	2.73	3.46	2.57	3.10
T0°CVnom	4.50	4.22	5.16	4.57
T-10°CVnom	6.10	6.15	6.49	6.38
T-20°CVnom	7.69	8.33	8.09	7.83
T-30°CVnom	7.81	7.94	7.91	8.43
T-40°CVnom	9.41	9.25	9.63	10.02
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [˚C]: 20	Tmax [˚C]: 65		Tmin [˚C]: -40	

Modulation Mode	ax HE80	**Test Freq. (MHz)**	5610
Power Phase	Line		

Test by : Joe Liao Temperature: 20°C Humidity: 63%

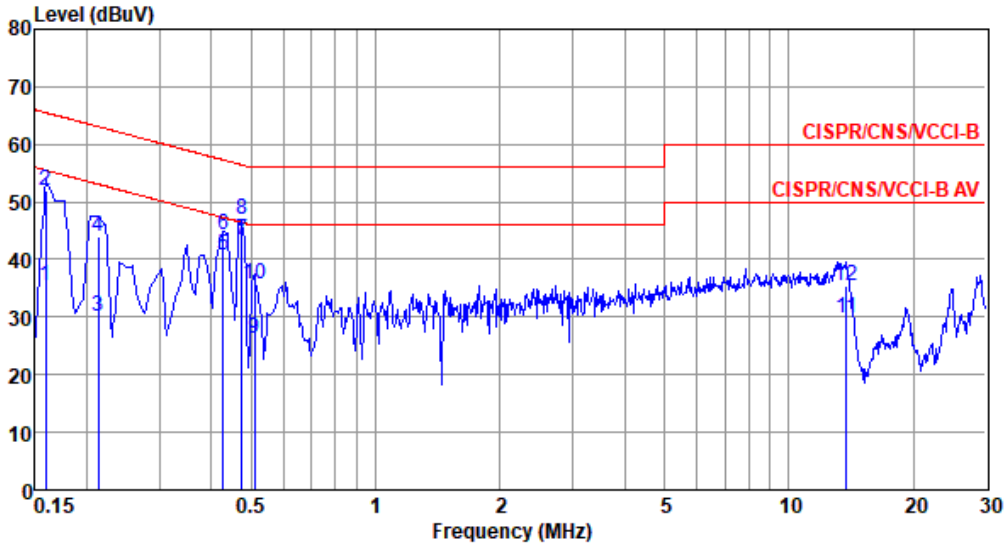


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	35.01	56.00	-20.99	25.09	9.68	0.06	0.18	Average
2	0.150	51.16	66.00	-14.84	41.24	9.68	0.06	0.18	QP
3	0.186	33.49	54.20	-20.71	23.56	9.68	0.06	0.19	Average
4	0.186	48.17	64.20	-16.03	38.24	9.68	0.06	0.19	QP
5	0.428	40.10	47.29	-7.19	30.07	9.67	0.06	0.30	Average
6	0.428	43.54	57.29	-13.75	33.51	9.67	0.06	0.30	QP
7*	0.474	42.26	46.45	-4.19	32.21	9.67	0.07	0.31	Average
8	0.474	45.65	56.45	-10.80	35.60	9.67	0.07	0.31	QP
9	0.510	25.97	46.00	-20.03	15.92	9.67	0.07	0.31	Average
10	0.510	35.12	56.00	-20.88	25.07	9.67	0.07	0.31	QP
11	13.408	29.79	50.00	-20.21	19.15	9.74	0.42	0.48	Average
12	13.408	35.33	60.00	-24.67	24.69	9.74	0.42	0.48	QP

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

Modulation Mode	ax HE80	**Test Freq. (MHz)**	5610
Power Phase	Neutral		

Test by : Joe Liao Temperature: 20°C Humidity: 63%

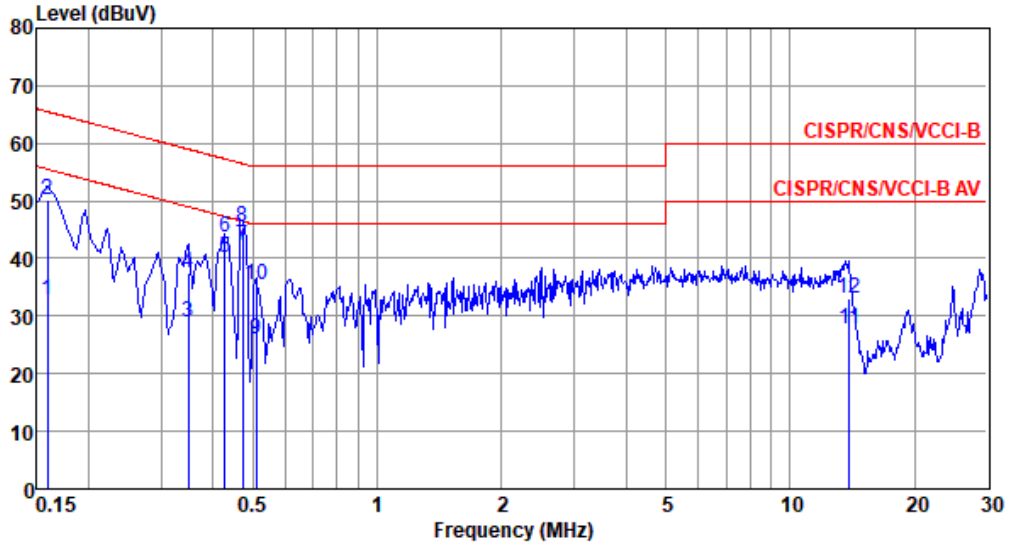


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.159	35.48	55.52	-20.04	25.63	9.61	0.06	0.18	Average
2	0.159	52.06	65.52	-13.46	42.21	9.61	0.06	0.18	QP
3	0.213	30.24	53.10	-22.86	20.37	9.61	0.06	0.20	Average
4	0.213	43.86	63.10	-19.24	33.99	9.61	0.06	0.20	QP
5	0.428	40.78	47.29	-6.51	30.81	9.61	0.06	0.30	Average
6	0.428	44.26	57.29	-13.03	34.29	9.61	0.06	0.30	QP
7*	0.476	43.35	46.42	-3.07	33.36	9.61	0.07	0.31	Average
8	0.476	46.93	56.42	-9.49	36.94	9.61	0.07	0.31	QP
9	0.510	26.32	46.00	-19.68	16.33	9.61	0.07	0.31	Average
10	0.510	35.68	56.00	-20.32	25.69	9.61	0.07	0.31	QP
11	13.768	29.82	50.00	-20.18	19.18	9.74	0.42	0.48	Average
12	13.768	35.45	60.00	-24.55	24.81	9.74	0.42	0.48	QP

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

Modulation Mode	ax HE40	**Test Freq. (MHz)**	5795
Power Phase	Line		

Test by : Joe Liao Temperature: 20°C Humidity: 63%

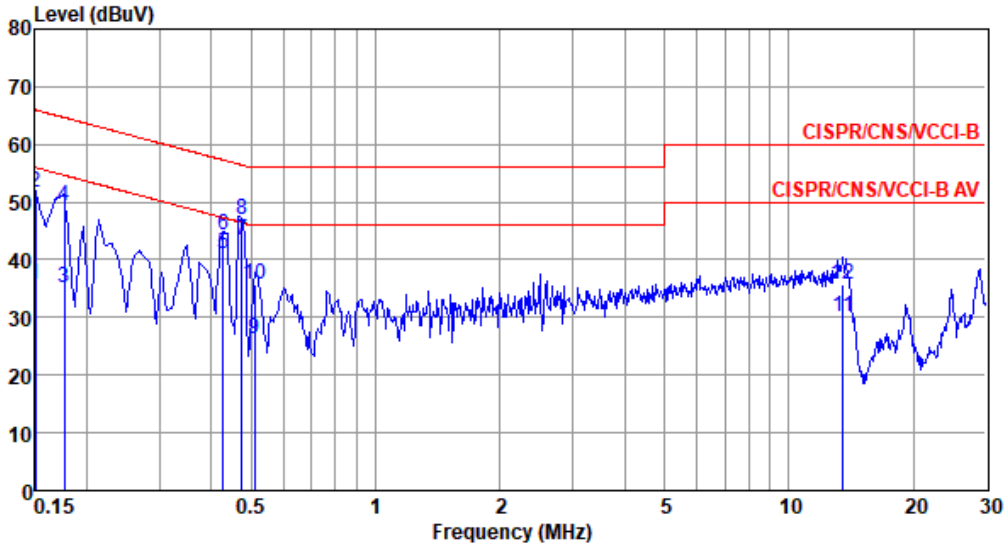


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.159	32.69	55.52	-22.83	22.77	9.68	0.06	0.18	Average
2	0.159	50.31	65.52	-15.21	40.39	9.68	0.06	0.18	QP
3	0.348	28.98	49.00	-20.02	18.97	9.67	0.06	0.28	Average
4	0.348	37.58	59.00	-21.42	27.57	9.67	0.06	0.28	QP
5	0.428	40.17	47.29	-7.12	30.14	9.67	0.06	0.30	Average
6	0.428	43.57	57.29	-13.72	33.54	9.67	0.06	0.30	QP
7*	0.472	42.29	46.47	-4.18	32.24	9.67	0.07	0.31	Average
8	0.472	45.58	56.47	-10.89	35.53	9.67	0.07	0.31	QP
9	0.510	26.00	46.00	-20.00	15.95	9.67	0.07	0.31	Average
10	0.510	35.28	56.00	-20.72	25.23	9.67	0.07	0.31	QP
11	13.915	27.68	50.00	-22.32	17.03	9.74	0.43	0.48	Average
12	13.915	33.15	60.00	-26.85	22.50	9.74	0.43	0.48	QP

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

Modulation Mode	ax HE40	**Test Freq. (MHz)**	5795
Power Phase	Neutral		

Test by : Joe Liao Temperature: 20°C Humidity: 63%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	35.64	56.00	-20.36	25.79	9.61	0.06	0.18	Average
2	0.150	51.77	66.00	-14.23	41.92	9.61	0.06	0.18	QP
3	0.177	35.06	54.64	-19.58	25.20	9.61	0.06	0.19	Average
4	0.177	49.22	64.64	-15.42	39.36	9.61	0.06	0.19	QP
5	0.428	40.89	47.29	-6.40	30.92	9.61	0.06	0.30	Average
6	0.428	44.28	57.29	-13.01	34.31	9.61	0.06	0.30	QP
7*	0.476	43.31	46.42	-3.11	33.32	9.61	0.07	0.31	Average
8	0.476	46.92	56.42	-9.50	36.93	9.61	0.07	0.31	QP
9	0.510	26.40	46.00	-19.60	16.41	9.61	0.07	0.31	Average
10	0.510	35.67	56.00	-20.33	25.68	9.61	0.07	0.31	QP
11	13.551	30.12	50.00	-19.88	19.49	9.73	0.42	0.48	Average
12	13.551	35.67	60.00	-24.33	25.04	9.73	0.42	0.48	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).