FCC Test Report

FCC ID	:	**I8811AXAP246E**
Equipment	:	**802.11ax (WiFi 6E) Dual-Radio Unified Pro Access Point** **(Refer to item 1.1.1 for more details)**
Model No.	:	**WAX620D-6E** **(Refer to item 1.1.1 for more details)**
Brand Name	:	**ZYXEL**
Applicant	:	**Zyxel Communications Corporation**
Address	:	**No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C**
Standard	:	**47 CFR FCC Part 15.407**
Equipment Class / Type	:	☒ **6ID: Indoor access point** ☐ **6PP: Subordinate device** ☐ **6XD: Client device**
Received Date	:	**May 17, 2022**
Tested Date	:	**May 20 ~ Jun. 30, 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
FR251702AO	Rev. 01	Initial issue	Jul. 20, 2022

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.435MHz 33.99 (Margin -13.16dB) - AV	Pass
15.407(b)(5) 15.209	Unwanted Emission	[dBuV/m at 3m]: 5925.00MHz 67.90 (Margin -0.30dB) - AV	Pass
15.407(b)(6)	In-Band Emissions (Mask)	Meet the requirement of limit	Pass
15.407(a)(10)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(a)(5)	RF Output Power (e.i.r.p)	Max Power [dBm]: ***Non-beamforming mode*** 5.925-6.425MHz: 22.65 6.425-6.525MHz: 19.70 6.525-6.875MHz: 21.27 6.875-7.125MHz: 22.77 ***Beamforming mode*** 5.925-6.425MHz: 16.63 6.425-6.525MHz: 13.68 6.525-6.875MHz: 15.25 6.875-7.125MHz: 16.75	Pass
15.407(a)(5)	Power Spectral Density (e.i.r.p)	Meet the requirement of limit	Pass
15.407(d)(6)	Contention Based Protocol	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

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

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
ZYXEL	WAX620D-6E	802.11ax (WiFi 6E) Dual-Radio Unified Pro Access Point	Main tested model
ZYXEL	NWA220AX-6E	802.11ax (WiFi 6E) Dual-Radio PoE Access Point	Software difference
✦ The above models, model **WAX620D-6E** was selected as a representative one for the final test and only its data was recorded in this report.			

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
5925 ~ 7125	ax (HE20)	5935 ~ 7115	1 ~ 233 [60]	4	MCS 0-11
5925 ~ 7125	ax (HE40)	5965 ~ 7085	3 ~ 227 [29]	4	MCS 0-11
5925 ~ 7125	ax (HE80)	5985 ~ 7025	7 ~ 215 [14]	4	MCS 0-11
5925 ~ 7125	ax (HE160)	6025 ~ 6985	15 ~ 207 [7]	4	MCS 0-11
Note 1: OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation. Note 2: 802.11ax supports beamforming function.					

1.1.3 Antenna Details

Ant. No.	Brand / Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				Remark
				5925 ~ 6425	6425 ~ 6525	6525 ~ 6875	6875 ~ 7125	
1	MSTC / P4	PIFA	UFL	3.47	3.78	4.25	3.15	Ceiling mounted: Antenna 4 / 6 / 7 / 8 Wall mounted: Antenna 5 / 7 / 8 / 9
2	MSTC / P5	PIFA	UFL	4.03	4.15	4.9	3.18	
3	MSTC / P6	PIFA	UFL	4.12	4.54	5.23	3.27	
4	MSTC / P7	PIFA	UFL	3.63	3.8	4.37	3.21	
5	MSTC / P8	PIFA	UFL	4.02	4.87	6.83	3.5	
6	MSTC / P9	PIFA	UFL	3.73	4.1	4.79	3.61	

1.1.4 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	12Vdc from AC adapter 56Vdc from POE

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

1.1.5 Accessories

N/A

1.1.6 Channel List

802.11a ax HE20							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
2	5935	57	6235	117	6535	177	6835
1	5955	61	6255	121	6555	181	6855
5	5975	65	6275	125	6575	185	6875
9	5995	69	6295	129	6595	189	6895
13	6015	73	6315	133	6615	193	6915
17	6035	77	6335	137	6635	197	6935
21	6055	81	6355	141	6655	201	6955
25	6075	85	6375	145	6675	205	6975
29	6095	89	6395	149	6695	209	6995
33	6115	93	6415	153	6715	213	7015
37	6135	97	6435	157	6735	217	7035
41	6155	101	6455	161	6755	221	7055
45	6175	105	6475	165	6775	225	7075
49	6195	109	6495	169	6795	229	7095
53	6215	113	6515	173	6815	233	7115

802.11a ax HE40							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	67	6285	131	6605	195	6925
11	6005	75	6325	139	6645	203	6965
19	6045	83	6365	147	6685	211	7005
27	6085	91	6405	155	6725	219	7045
35	6125	99	6445	163	6765	227	7085
43	6165	107	6485	171	6805	---	---
51	6205	115	6525	179	6845	---	---
59	6245	123	6565	187	6885	---	---

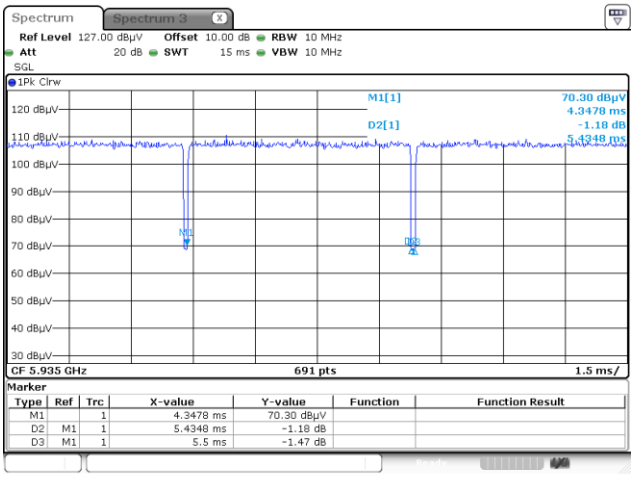
802.11a ax HE80							
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
7	5985	71	6305	135	6625	199	6945
23	6065	87	6385	151	6705	215	7025
39	6145	103	6465	167	6785	---	---
55	6225	119	6545	183	6865	---	---

802.11a ax HE160							
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
15	6025	79	6345	143	6665	207	6985
47	6185	111	6505	175	6825	---	---

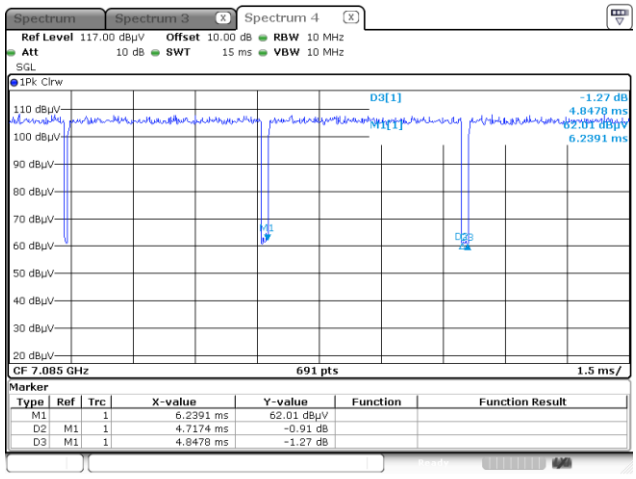
1.1.7 Test Tool and Duty Cycle

Test Tool	QPSR, Version: V5.0-00200		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	ax HE20	98.81%	0.05
	ax HE40	97.31%	0.12
	ax HE80	95.20%	0.21
	ax HE160	95.56%	0.20

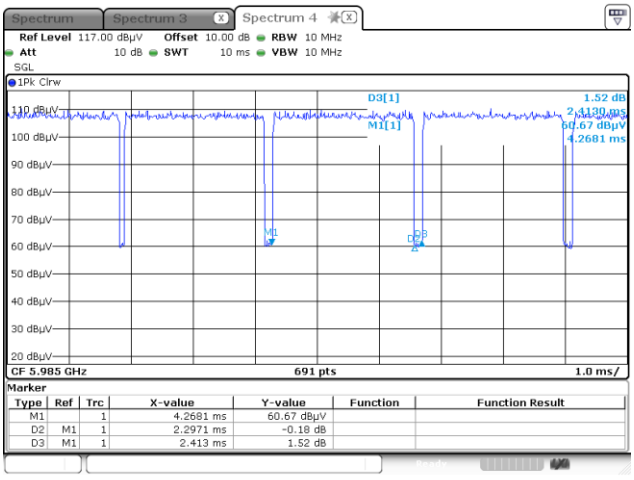
ax HE20



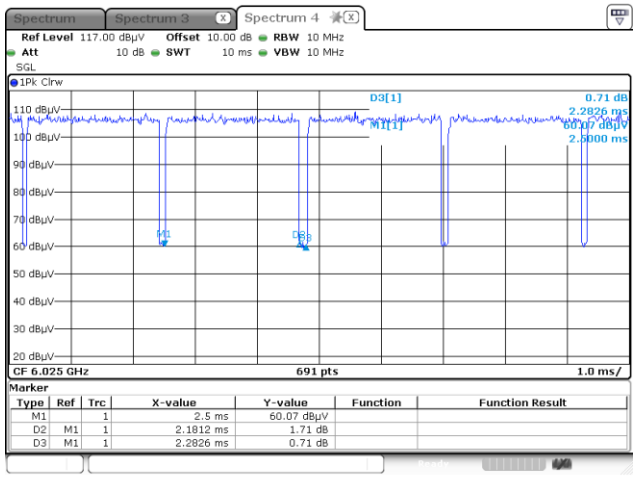
ax HE40



ax HE80



ax HE160



1.1.8 Power Index of Test Tool

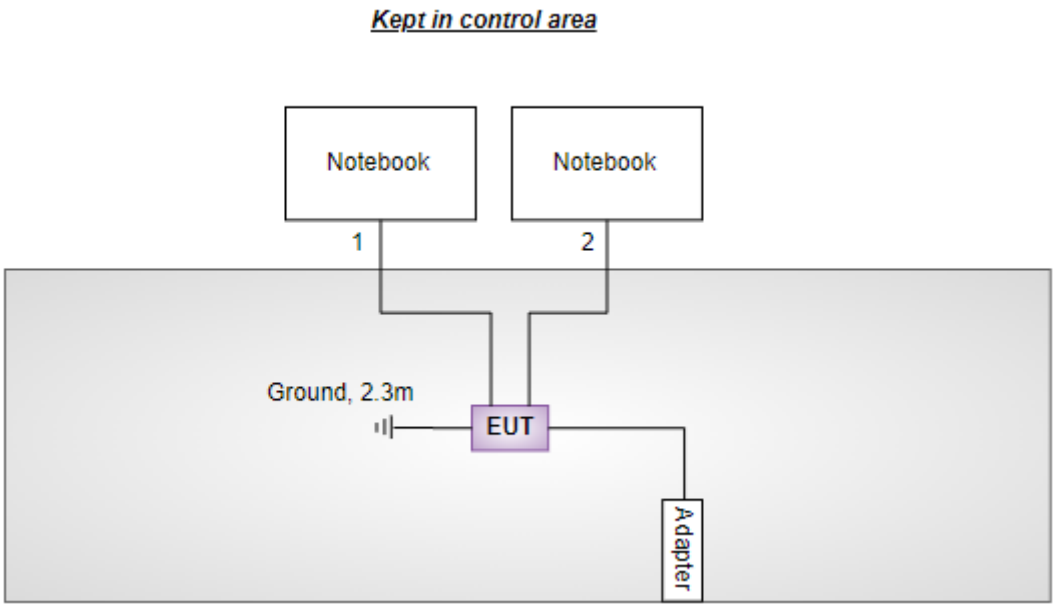
Modulation Mode	Test Frequency (MHz)	Power Index
HE20	5935	1.5
HE20	5955	7
HE20	6175	7
HE20	6415	7
HE20	6435	6.5
HE20	6475	6.5
HE20	6515	6.5
HE20	6535	5.5
HE20	6715	5
HE20	6855	6
HE20	6875	6
HE20	6895	7.5
HE20	7015	7.5
HE20	7095	7.5
HE20	7115	5
HE40	5965	10.5
HE40	6165	10.5
HE40	6405	10.5
HE40	6445	10
HE40	6485	10
HE40	6525	9
HE40	6565	9
HE40	6725	9
HE40	6845	9
HE40	6885	9
HE40	6925	10.5
HE40	7005	10.5
HE40	7085	10.5

Modulation Mode	Test Frequency (MHz)	Power Index
HE80	5985	13.5
HE80	6145	13.5
HE80	6385	13.5
HE80	6465	13
HE80	6545	12
HE80	6625	12
HE80	6705	12
HE80	6785	12
HE80	6865	12
HE80	6945	13.5
HE80	7025	13.5
HE160	6025	16.5
HE160	6185	16.5
HE160	6345	16.5
HE160	6505	15
HE160	6665	14.5
HE160	6825	14.5
HE160	6985	16

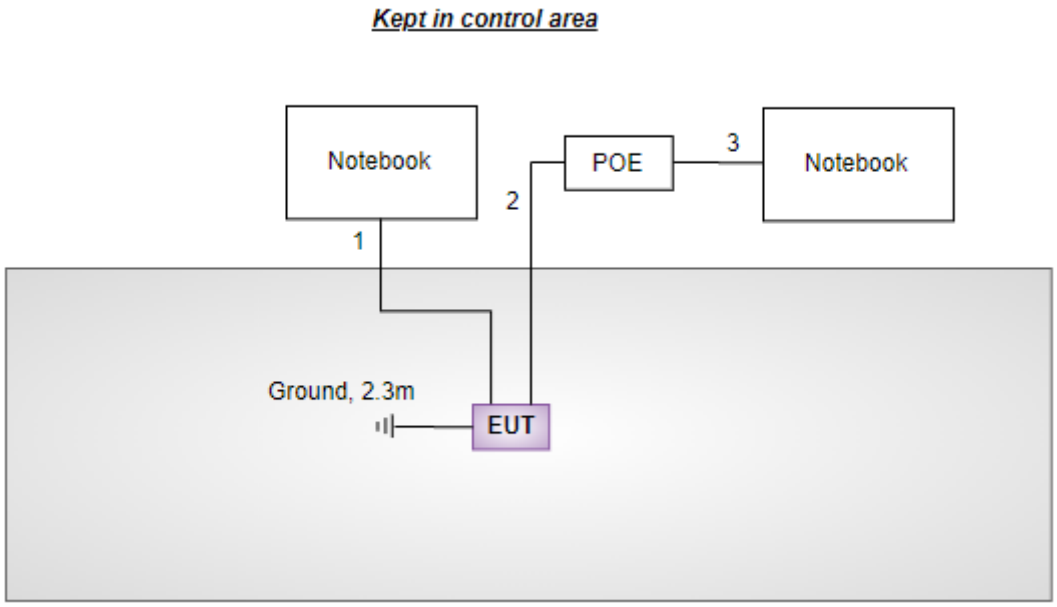
1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Notebook	DELL	Latitude E5470	DoC	---
2	Notebook	DELL	Latitude 5400	DoC	---
3	POE	ZYXEL	PoE12-60W	---	Remarks: I/P: 100-240Vac, 50-60Hz, 2.0A O/P: 56.0Vdc, 1.161A (Provided by applicant.)
4	Adapter	APD	WA-30P12R	---	Remarks: I/P: 100-240Vac, 50-60Hz, 0.9A O/P: 12Vdc, 2.5A (Provided by applicant.)

1.3 Test Setup Chart

Test Setup Diagram (Adapter Mode)


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

Test Setup Diagram (POE Mode)


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

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Jun. 15, 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	Schwarzbeck 8127	8127667	Jan .07, 2022	Jan .06, 2023
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 19, 2021	Oct. 18, 2022
50 ohm terminal (Support Unit)	NA	50	01	May 10, 2022	May 09, 2023
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	May 20 ~ Jun. 01, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 15, 2022	Mar. 14, 2023
Spectrum Analyzer	R&S	FSV40	101499	Mar. 08, 2022	Mar. 07, 2023
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 08, 2021	Nov. 07, 2022
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jun. 30, 2021	Jun. 29, 2022
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 20, 2021	Dec. 19, 2022
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170508	Jan. 11, 2022	Jan. 10, 2023
Preamplifier	EMC	EMC02325	980187	Jul. 26, 2021	Jul. 25, 2022
Preamplifier	Agilent	83017A	MY39501309	Sep. 06, 2021	Sep. 05, 2022
Preamplifier	EMC	EMC184045B	980192	Jul. 14, 2021	Jul. 13, 2022
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 05, 2021	Oct. 04, 2022
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800 -001	Sep. 24, 2021	Sep. 23, 2022
LF cable-3M	EMC	EMC8D-NM-NM-300 0	131103	Sep. 24, 2021	Sep. 23, 2022
LF cable-13M	EMC	EMC8D-NM-NM-130 00	131104	Sep. 24, 2021	Sep. 23, 2022
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 24, 2021	Sep. 23, 2022
RF cable-8M	EMC	EMC104-SM-SM-80 00	181107	Sep. 24, 2021	Sep. 23, 2022
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Jun. 01 ~ Jun. 15, 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	GTH-150-40-CP-AR-T	MAA1407-012	Sep. 08, 2021	Sep. 07, 2022
DC POWER SOURCE	GW INSTEK	GPC-6030D	GES855395	Nov. 08, 2021	Nov. 07, 2022
Measurement Software	Sporton	SENSE-15407_NII	V5.10.7.20	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Contention Based Protocol				
Test Site	(TH01-WS)				
Tested Date	Jun. 30, 2022				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2022	Apr. 17, 2023
AWGN Signal Gemerator	R&S	SMW200A	109619	Jul. 21, 2021	Jul. 20, 2022
Splitter	woken	0120A02201801O	DOM2AEW1A23	Oct. 15, 2021	Oct. 14, 2022
Directional Coupler	KRYTAR	180120	146890	Oct. 15, 2021	Oct. 14, 2022
RF Cable	HUBER+SUHNER	SUCOFLEX_104	MY15686/4	Oct. 12, 2021	Oct. 11, 2022
RF Cable	HUBER+SUHNER	SUCOFLEX_104	296081/4	Oct. 14, 2021	Oct. 13, 2022
RF Cable	HUBER+SUHNER	SUCOFLEX_104	329023/4	Oct. 14, 2021	Oct. 13, 2022
RF Cable	HUBER+SUHNER	SUCOFLEX_104	329021/4	Oct. 14, 2021	Oct. 13, 2022
Attenuator	woken	PE7013-10	10-1	Oct. 15, 2021	Oct. 14, 2022
Attenuator	woken	PE7013-20	20-1	Oct. 15, 2021	Oct. 14, 2022
Measurement Software	NA	NA	NA	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 987594 D02 U-NII 6GHz EMC Measurement v01r01
FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01
FCC KDB 412172 D01 Determining ERP and EIRP v01r01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

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

2 Test Configuration

2.1 Testing Facility

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

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

2.2 Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Non-beamforming mode				
AC Power Line Conducted Emissions	ax HE160	6985	MCS 0	1, 2
Unwanted Emissions ≤1GHz	ax HE160	6985	MCS 0	1, 2
Unwanted Emissions >1GHz RF Output Power Emission Bandwidth Peak Power Spectral Density	ax HE20	5935 / 5955 / 6175 / 6415 / 6435 6475 / 6515 / 6535 / 6715 / 6855 6875 / 6895 / 7015 / 7095 / 7115	MCS 0	1
	ax HE40	5965 / 6165 / 6405 / 6445 / 6485 6525 / 6565 / 6725 / 6845 / 6885 6925 / 7005 / 7085	MCS 0	
	ax HE80	5985 / 6145 / 6385 / 6465 / 6545 6625 / 6705 / 6785 / 6865 / 6945 7025	MCS 0	
	ax HE160	6025 / 6185 / 6345 / 6505 / 6665 6825 / 6985	MCS 0	
Contention Based Protocol	ax HE20	6195 / 6475 / 6695 /6995	MCS 0	---
	ax HE160	6185 / 6505 / 6665 / 6985	MCS 0	
Frequency Stability	Un-modulation	6475 / 7015	---	1
Beamforming mode				
RF Output Power	ax HE20	5935 / 5955 / 6175 / 6415 / 6435 6475 / 6515 / 6535 / 6715 / 6855 6875 /6895 / 7015 / 7095 / 7115	MCS 0	1, 2
	ax HE40	5965 / 6165 / 6405 / 6445 / 6485 6525 / 6565 / 6725 / 6845 / 6885 6925 / 7005 / 7085	MCS 0	
	ax HE80	5985 / 6145 / 6385 / 6465 / 6545 6625 / 6705 / 6785 / 6865 /6945 7025	MCS 0	
	ax HE160	6025 / 6185 / 6345 / 6505 / 6665 6825 / 6985	MCS 0	

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.
2. Test configurations are listed as below:
   1) Configuration 1: Adapter mode
   2) Configuration 2: POE mode

3 Transmitter Test Results

3.1 Emission Bandwidth

3.1.1 Limit

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

3.1.2 Test Procedures

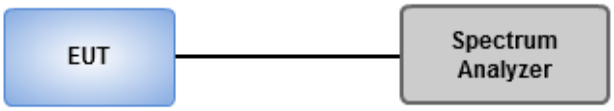
26dB Bandwidth

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.

3.1.3 Test Setup



3.1.4 Test Result

Ambient Condition	24°C / 67%	**Tested By**	Roger Lu

Refer to Appendix A.

3.2 RF Output Power

3.2.1 Limit

Frequency Band	Operating Mode	Maximum EIRP Limit
5925 ~ 7125 MHz	☒ Indoor access point	30 dBm
	☐ Subordinate device	30 dBm
	☐ Client devices	24 dBm

3.2.2 Test Procedures

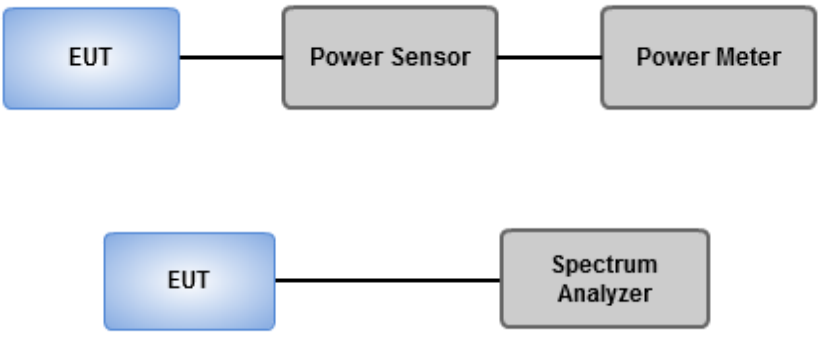
Method PM-G (Measurement using a gated RF average power meter)

1. 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.
2. EIRP = Measured conducted power + Antenna gain

Spectrum analyzer (For channel that extends across the 6.525 / 6.875 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%).
5. EIRP = Measured conducted power + Antenna gain

3.2.3 Test Setup



3.2.4 Test Result

Ambient Condition	24°C / 67%	Tested By	Roger Lu

Refer to Appendix B.

3.3 Peak Power Spectral Density

3.3.1 Limit

Frequency Band	Operating Mode	Limit
5925 ~ 7125 MHz	☒ Indoor access point	EIRP: 5 dBm / 1 MHz
	☐ Subordinate device	EIRP: 5 dBm / 1 MHz
	☐ Client devices	EIRP: -1 dBm / 1 MHz

3.3.2 Test Procedures

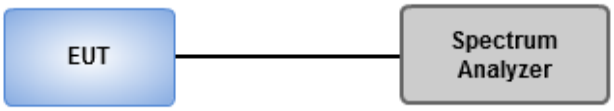
Duty cycle ≥ 98 %

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.
4. EIRP PSD = Measured conducted power density + Antenna gain

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.
6. EIRP PSD = Measured conducted power density + Antenna gain

3.3.3 Test Setup



3.3.4 Test Result

Ambient Condition	24°C / 67%	Tested By	Roger Lu

Refer to Appendix C.

3.4 Unwanted Emissions

3.4.1 Limit of Unwanted Emissions

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

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

Un-restricted band emissions above 1GHz Limit		
Operating Band	**PK Limit**	**AV Limit**
5.925 – 7.125 GHz	e.i.r.p. -7 dBm [88.2 dBuV/m@3m]	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

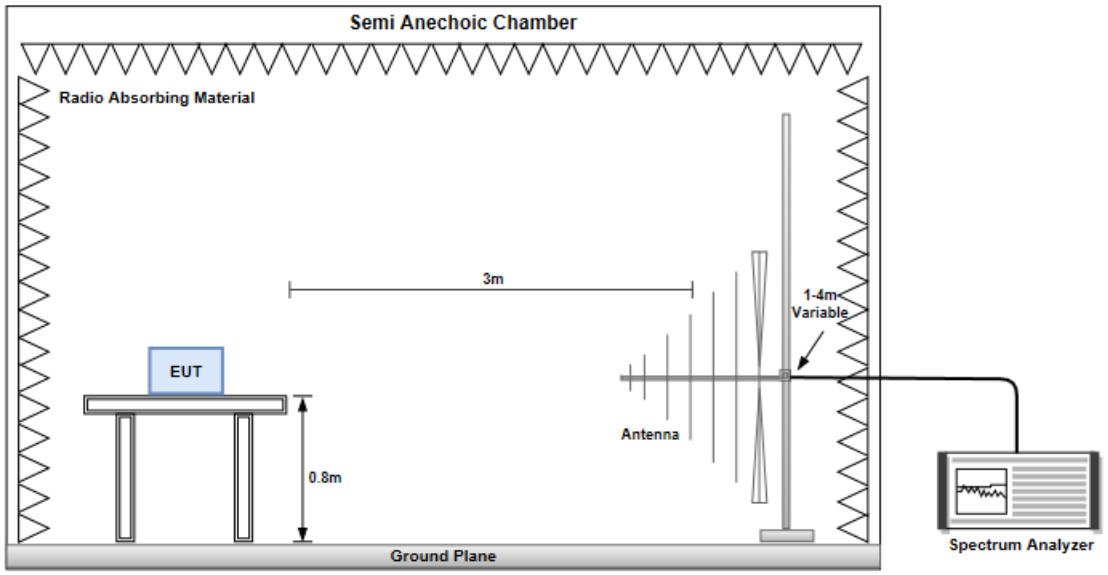
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

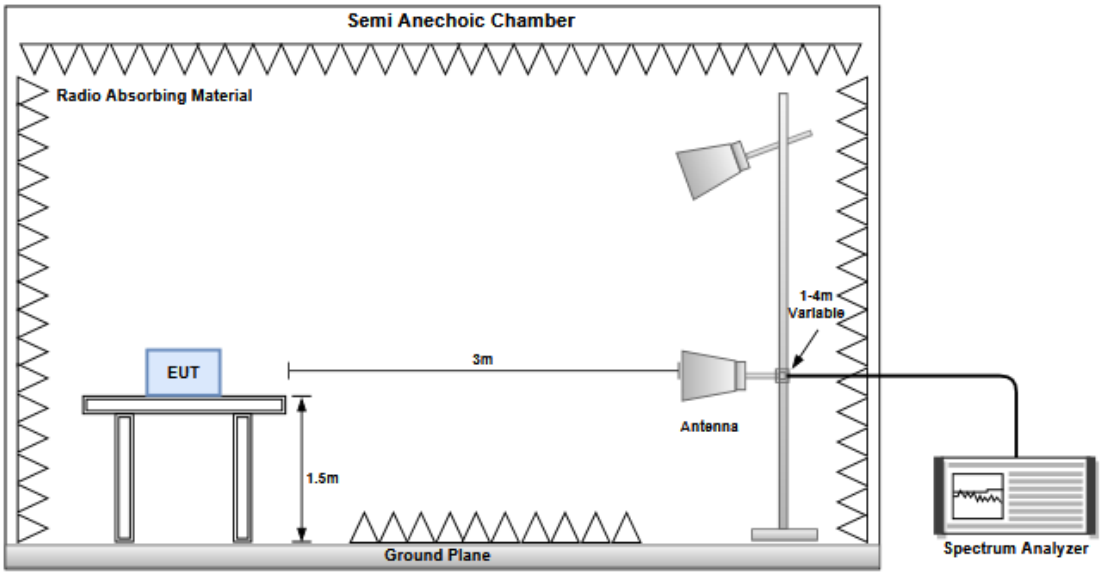
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



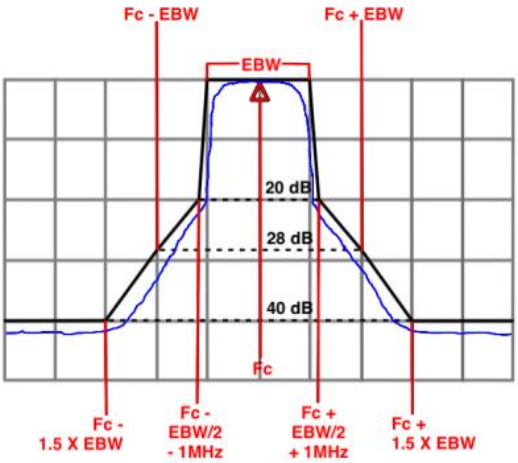
3.4.4 Test Results

Refer to Appendix D.

3.5 In-Band Emissions

3.5.1 Limit

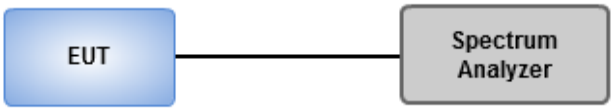
Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression,and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.



3.5.2 Test Procedures

1. Connect output of the antenna port to a spectrum analyzer
2. Set the reference level of the measuring equipment
3. Measure the 26 dB EBW
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
   a) Set the span to encompass the entire 26 dB EBW of the signal.
   b) Set RBW = same RBW used for 26 dB EBW measurement.
   c) Set VBW ≥ 3 X RBW
   d) Number of points in sweep ≥ [2 X span / RBW].
   e) Sweep time = auto.
   f) Detector = RMS (i.e., power averaging)
   g) Trace average at least 100 traces in power averaging (rms) mode.
   h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows
   a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
   b. Suppressed by 28 dB at one channel bandwidth from the channel center.
   c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	24°C / 67%	**Tested By**	Roger Lu

Refer to Appendix E.

3.6 Frequency Stability

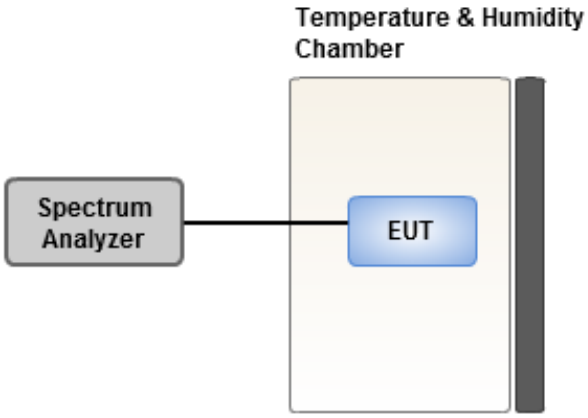
3.6.1 Limit of Frequency Stability

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

3.6.2 Test Procedures

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

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability

Ambient Condition	24°C / 67%	Tested By	Roger Lu

Refer to Appendix F.

3.7 Contention Based Protocol

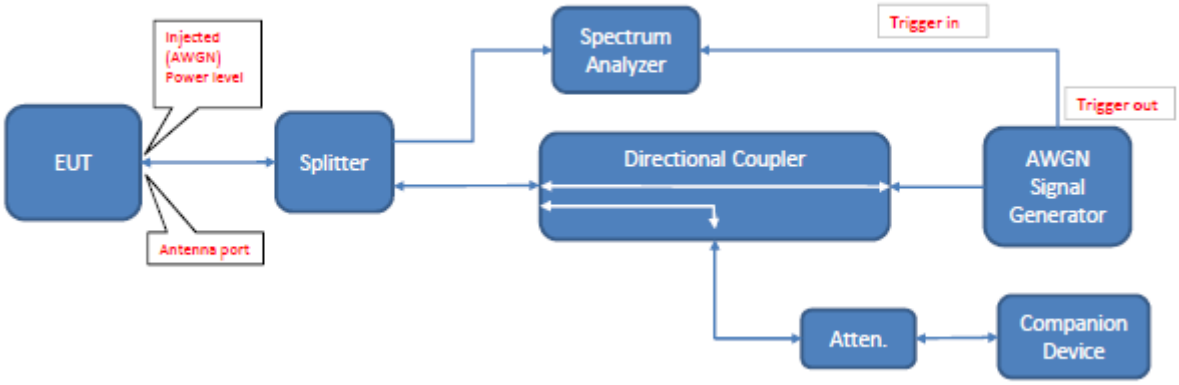
3.7.1 Limit

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty

3.7.2 Test Procedure

1. Configure the EUT to transmit with a constant duty cycle
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

3.7.3 Test Setup



3.7.4 Test Result

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

Refer to Appendix G.

3.8 AC Power Line Conducted Emissions

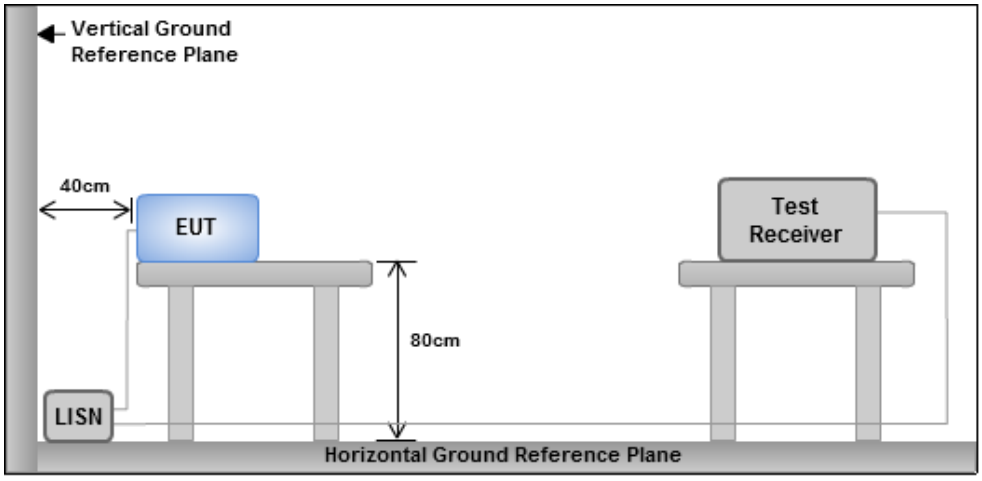
3.8.1 Limit of AC Power Line Conducted Emissions

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.		

3.8.2 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

3.8.3 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

3.8.4 Test Result

Refer to Appendix H.

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	**Kwei Shan**	**Kwei Shan Site II**
Tel: 886-2-2601-1640	Tel: 886-3-271-8666	Tel: 886-3-271-8640
No.30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan (R.O.C.)	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.)	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)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.38M	19.16M	19M2D1D	21.57M	19.01M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.62M	37.901M	37M9D1D	40.2M	37.721M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.68M	77.481M	77M5D1D	81.96M	77.241M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.84M	155.202M	155MD1D	163.92M	154.723M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.2M	19.1M	19M1D1D	21.48M	19.04M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.62M	37.841M	37M8D1D	40.2M	37.781M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.2M	77.481M	77M5D1D	81.96M	77.361M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.29M	19.1M	19M1D1D	21.54M	19.04M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.8M	37.901M	37M9D1D	40.14M	37.721M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.68M	77.481M	77M5D1D	81.6M	77.241M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.6M	155.442M	155MD1D	163.44M	154.483M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.35M	19.1M	19M1D1D	21.51M	19.04M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.68M	37.901M	37M9D1D	40.2M	37.721M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.44M	77.361M	77M4D1D	81.6M	77.121M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.36M	154.723M	155MD1D	163.68M	154.723M

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

Result

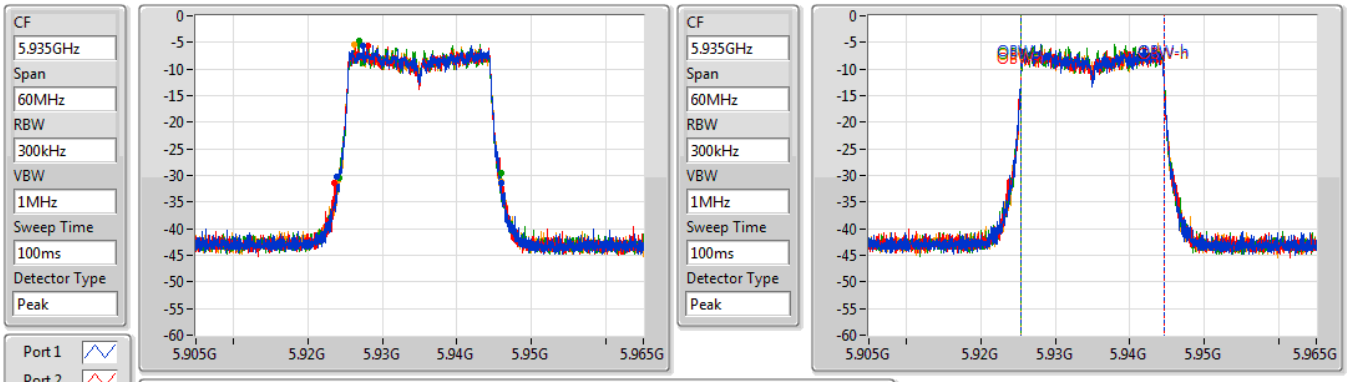
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX										
5935MHz	Pass	Inf	21.96M	19.13M	22.38M	19.16M	21.72M	19.13M	21.9M	19.13M
5955MHz	Pass	Inf	21.72M	19.1M	21.66M	19.07M	22.02M	19.01M	21.63M	19.04M
6175MHz	Pass	Inf	21.9M	19.1M	21.75M	19.04M	22.02M	19.04M	21.75M	19.04M
6415MHz	Pass	Inf	21.78M	19.1M	21.57M	19.1M	21.69M	19.07M	22.05M	19.07M
6435MHz	Pass	Inf	21.9M	19.1M	21.84M	19.07M	21.93M	19.1M	21.9M	19.07M
6475MHz	Pass	Inf	22.14M	19.1M	21.57M	19.04M	21.51M	19.07M	21.81M	19.07M
6515MHz	Pass	Inf	22.2M	19.1M	21.48M	19.04M	21.66M	19.1M	21.9M	19.07M
6535MHz	Pass	Inf	22.02M	19.1M	21.84M	19.04M	21.81M	19.1M	22.05M	19.07M
6715MHz	Pass	Inf	22.05M	19.1M	21.72M	19.07M	21.72M	19.07M	21.54M	19.07M
6855MHz	Pass	Inf	22.08M	19.07M	21.9M	19.04M	22.29M	19.04M	22.05M	19.1M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	21.72M	19.1M	21.84M	19.07M	21.93M	19.07M	22.29M	19.07M
6895MHz	Pass	Inf	21.75M	19.1M	21.66M	19.07M	21.57M	19.04M	21.81M	19.07M
7015MHz	Pass	Inf	21.69M	19.07M	21.81M	19.07M	21.6M	19.04M	21.93M	19.07M
7095MHz	Pass	Inf	21.72M	19.07M	21.99M	19.07M	21.87M	19.07M	21.75M	19.07M
7115MHz	Pass	Inf	21.57M	19.07M	22.35M	19.07M	21.69M	19.07M	21.51M	19.07M
802.11ax HEW40_Nss4,(MCS0)_4TX										
5965MHz	Pass	Inf	40.5M	37.781M	40.26M	37.841M	40.62M	37.841M	40.38M	37.781M
6165MHz	Pass	Inf	40.62M	37.841M	40.2M	37.721M	40.62M	37.841M	40.5M	37.841M
6405MHz	Pass	Inf	40.32M	37.781M	40.32M	37.781M	40.32M	37.781M	40.62M	37.901M
6445MHz	Pass	Inf	40.38M	37.841M	40.62M	37.781M	40.5M	37.781M	40.2M	37.841M
6485MHz	Pass	Inf	40.5M	37.841M	40.38M	37.841M	40.2M	37.841M	40.32M	37.841M
6525MHz Straddle 6.525-6.875GHz	Pass	Inf	40.38M	37.841M	40.38M	37.721M	40.44M	37.781M	40.62M	37.781M
6565MHz	Pass	Inf	40.26M	37.841M	40.32M	37.841M	40.38M	37.781M	40.62M	37.841M
6725MHz	Pass	Inf	40.38M	37.841M	40.2M	37.841M	40.14M	37.781M	40.56M	37.781M
6845MHz	Pass	Inf	40.68M	37.781M	40.44M	37.781M	40.14M	37.841M	40.8M	37.841M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.44M	37.781M	40.44M	37.901M	40.62M	37.841M	40.62M	37.841M
6925MHz	Pass	Inf	40.5M	37.901M	40.5M	37.781M	40.32M	37.781M	40.38M	37.781M
7005MHz	Pass	Inf	40.44M	37.841M	40.38M	37.781M	40.38M	37.721M	40.44M	37.781M
7085MHz	Pass	Inf	40.5M	37.781M	40.2M	37.721M	40.68M	37.721M	40.2M	37.781M
802.11ax HEW80_Nss4,(MCS0)_4TX										
5985MHz	Pass	Inf	82.44M	77.241M	82.2M	77.241M	82.32M	77.241M	82.08M	77.361M
6145MHz	Pass	Inf	82.2M	77.241M	82.08M	77.361M	81.96M	77.361M	81.96M	77.241M
6385MHz	Pass	Inf	82.56M	77.481M	82.68M	77.241M	82.2M	77.361M	82.08M	77.361M
6465MHz	Pass	Inf	82.2M	77.481M	82.2M	77.361M	81.96M	77.361M	82.2M	77.361M
6545MHz Straddle 6.525-6.875GHz	Pass	Inf	82.08M	77.241M	81.6M	77.241M	81.84M	77.361M	81.72M	77.241M
6625MHz	Pass	Inf	82.32M	77.361M	82.44M	77.361M	82.08M	77.361M	81.84M	77.241M
6705MHz	Pass	Inf	81.96M	77.361M	81.96M	77.481M	81.84M	77.361M	81.96M	77.241M

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)
6785MHz	Pass	Inf	82.08M	77.481M	81.96M	77.241M	81.96M	77.241M	82.2M	77.361M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	82.68M	77.361M	82.32M	77.361M	81.72M	77.361M	81.84M	77.361M
6945MHz	Pass	Inf	81.96M	77.241M	81.96M	77.241M	81.84M	77.361M	82.08M	77.241M
7025MHz	Pass	Inf	81.6M	77.361M	81.84M	77.121M	82.2M	77.241M	82.44M	77.241M
802.11ax HEW160_Nss4,(MCS0)_4TX										
6025MHz	Pass	Inf	164.88M	154.963M	165.84M	154.963M	164.88M	154.963M	164.88M	154.723M
6185MHz	Pass	Inf	164.4M	155.202M	164.16M	154.963M	164.16M	154.963M	165.12M	154.963M
6345MHz	Pass	Inf	163.92M	154.963M	164.16M	154.963M	165.12M	155.202M	164.64M	154.963M
6505MHz Straddle 6.525-6.875GHz	Pass	Inf	164.88M	154.963M	164.16M	154.963M	164.88M	155.202M	164.16M	155.202M
6665MHz	Pass	Inf	164.4M	154.963M	163.92M	154.723M	164.88M	155.442M	165.12M	155.202M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	165.6M	154.963M	164.64M	154.963M	164.88M	154.963M	163.44M	154.483M
6985MHz	Pass	Inf	164.64M	154.723M	164.64M	154.723M	165.36M	154.723M	163.68M	154.723M

Port X-N dB = Port X 26dB down bandwidth
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

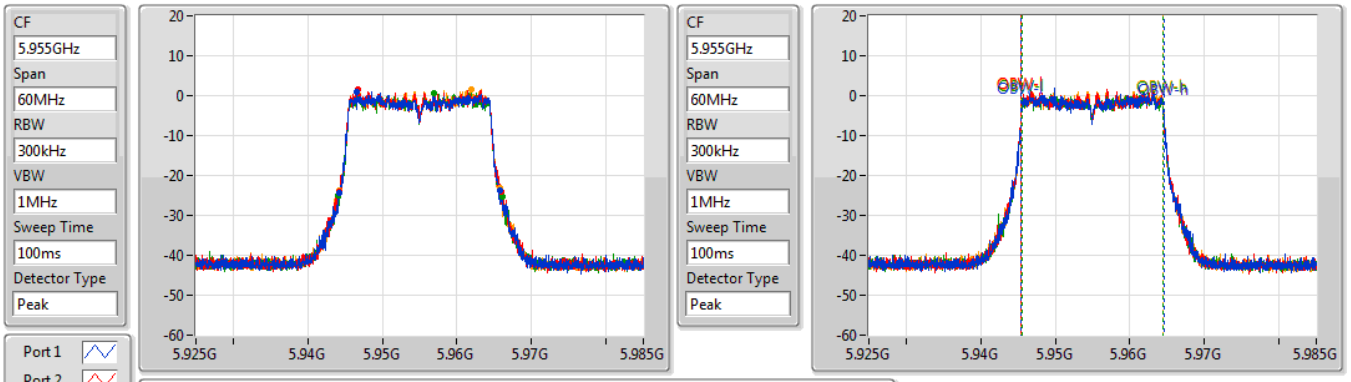
5935MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.92396G	5.94592G	19.13M	5.925405G	5.944535G	Inf	1
22.38M	5.92363G	5.94601G	19.16M	5.925375G	5.944535G	Inf	2
21.72M	5.92417G	5.94589G	19.13M	5.925405G	5.944535G	Inf	3
21.9M	5.92399G	5.94589G	19.13M	5.925405G	5.944535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

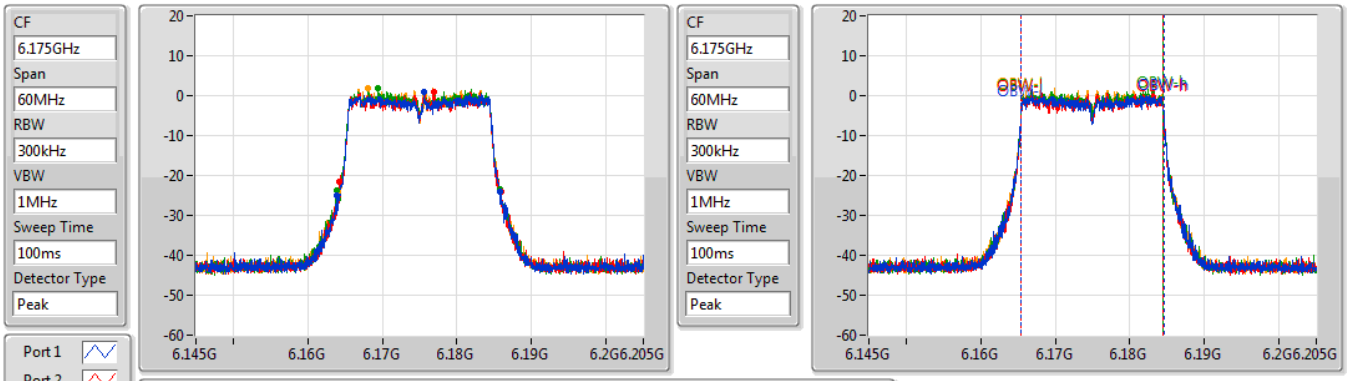
5955MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.94414G	5.96586G	19.1M	5.945435G	5.964535G	Inf	1
21.66M	5.94426G	5.96592G	19.07M	5.945465G	5.964535G	Inf	2
22.02M	5.94411G	5.96613G	19.01M	5.945495G	5.964505G	Inf	3
21.63M	5.94417G	5.9658G	19.04M	5.945465G	5.964505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

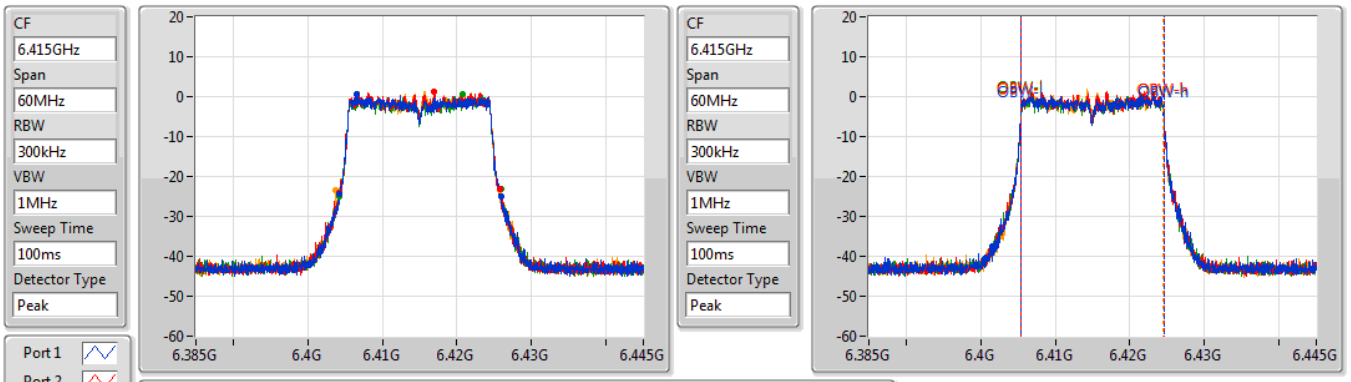
6175MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	6.16396G	6.18586G	19.1M	6.165435G	6.184535G	Inf	1
21.75M	6.16417G	6.18592G	19.04M	6.165465G	6.184505G	Inf	2
22.02M	6.16381G	6.18583G	19.04M	6.165465G	6.184505G	Inf	3
21.75M	6.16408G	6.18583G	19.04M	6.165465G	6.184505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

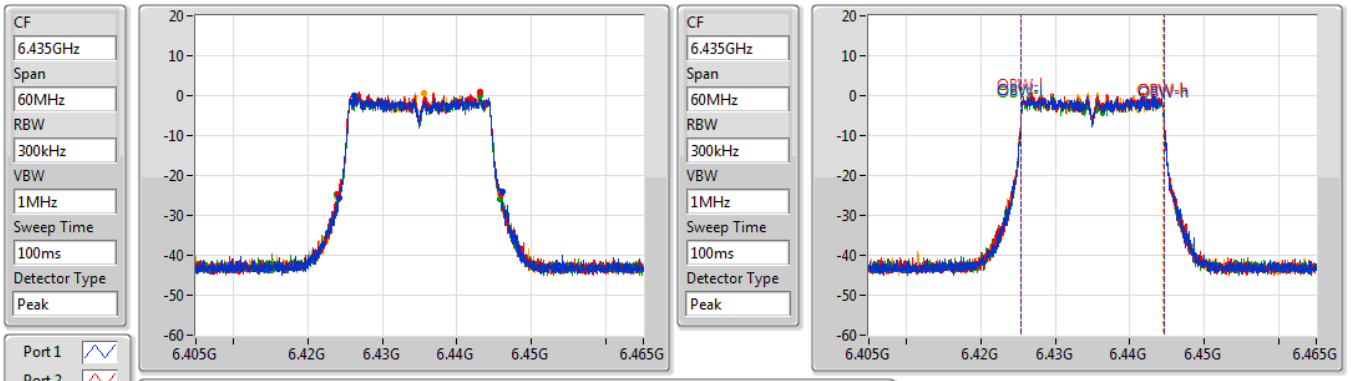
6415MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	6.40414G	6.42592G	19.1M	6.405435G	6.424535G	Inf	1
21.57M	6.40426G	6.42583G	19.1M	6.405435G	6.424535G	Inf	2
21.69M	6.4042G	6.42589G	19.07M	6.405465G	6.424535G	Inf	3
22.05M	6.40375G	6.4258G	19.07M	6.405435G	6.424505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

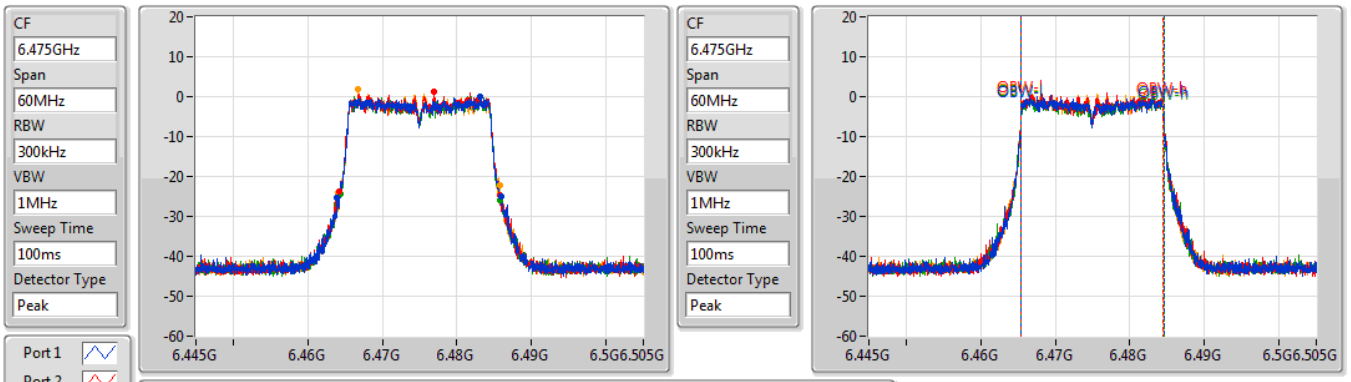
6435MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	6.42417G	6.44607G	19.1M	6.425435G	6.444535G	Inf	1
21.84M	6.42405G	6.44589G	19.07M	6.425465G	6.444535G	Inf	2
21.93M	6.42393G	6.44586G	19.1M	6.425435G	6.444535G	Inf	3
21.9M	6.42396G	6.44586G	19.07M	6.425435G	6.444505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

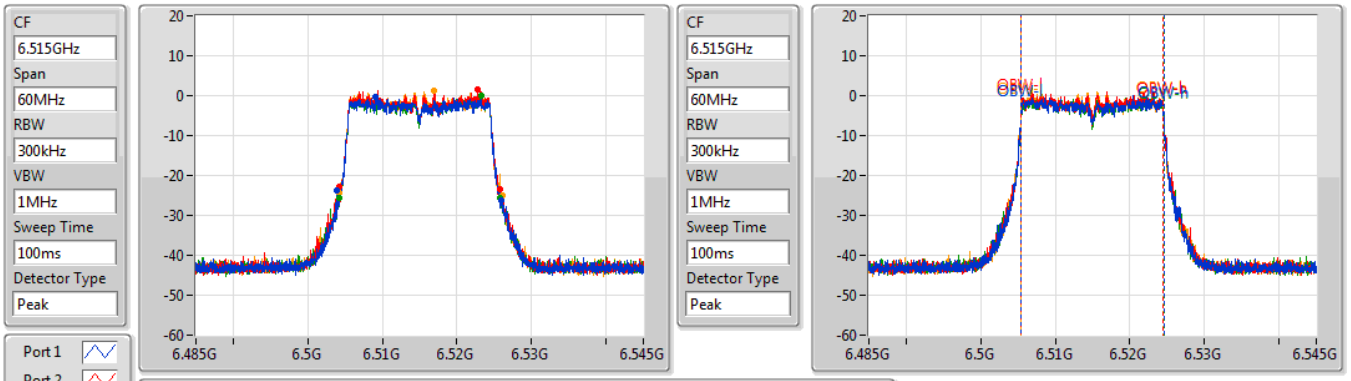
6475MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.14M	6.46387G	6.48601G	19.1M	6.465435G	6.484535G	Inf	1
21.57M	6.46417G	6.48574G	19.04M	6.465465G	6.484505G	Inf	2
21.51M	6.46432G	6.48583G	19.07M	6.465465G	6.484535G	Inf	3
21.81M	6.46405G	6.48586G	19.07M	6.465435G	6.484505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

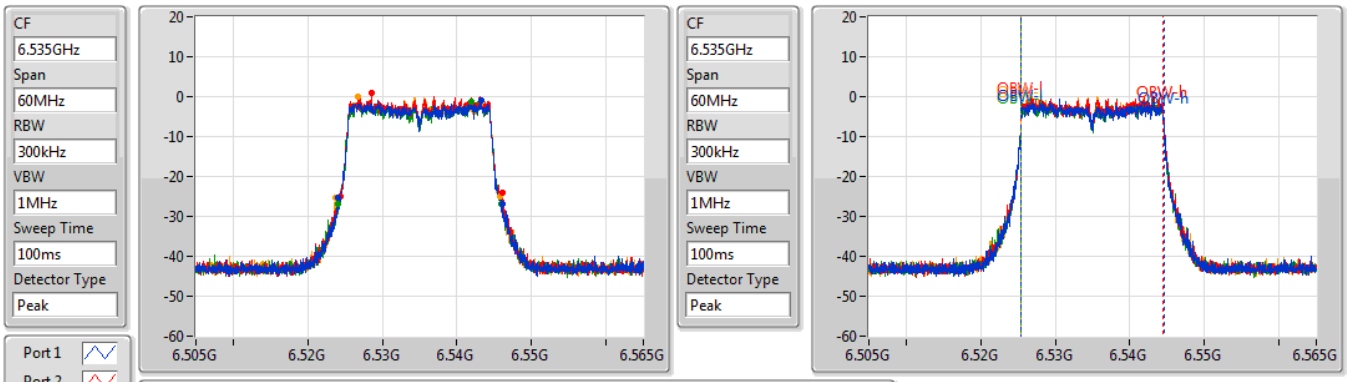
6515MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.2M	6.50381G	6.52601G	19.1M	6.505435G	6.524535G	Inf	1
21.48M	6.50426G	6.52574G	19.04M	6.505465G	6.524505G	Inf	2
21.66M	6.50414G	6.5258G	19.1M	6.505435G	6.524535G	Inf	3
21.9M	6.50414G	6.52604G	19.07M	6.505435G	6.524505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

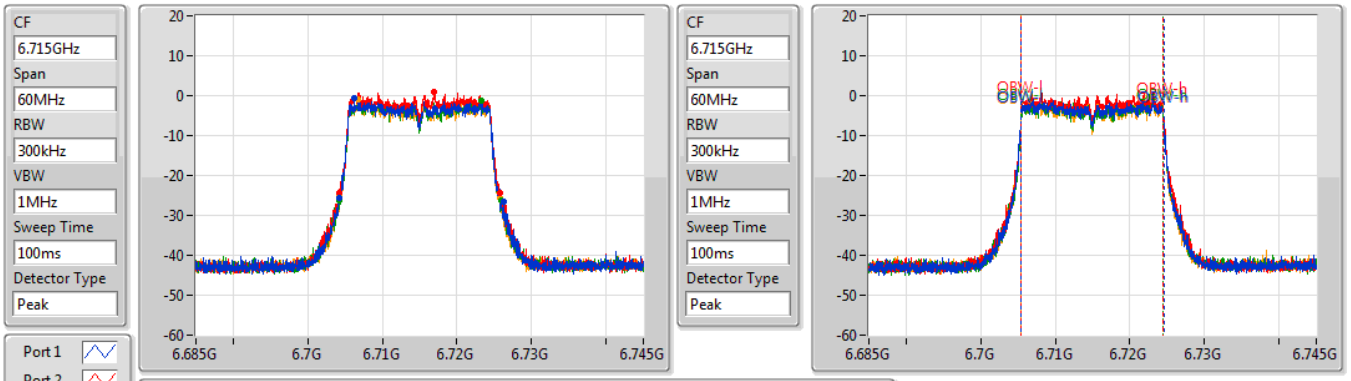
6535MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	6.52402G	6.54604G	19.1M	6.525435G	6.544535G	Inf	1
21.84M	6.52432G	6.54616G	19.04M	6.525465G	6.544505G	Inf	2
21.81M	6.52408G	6.54589G	19.1M	6.525435G	6.544535G	Inf	3
22.05M	6.52375G	6.5458G	19.07M	6.525435G	6.544505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

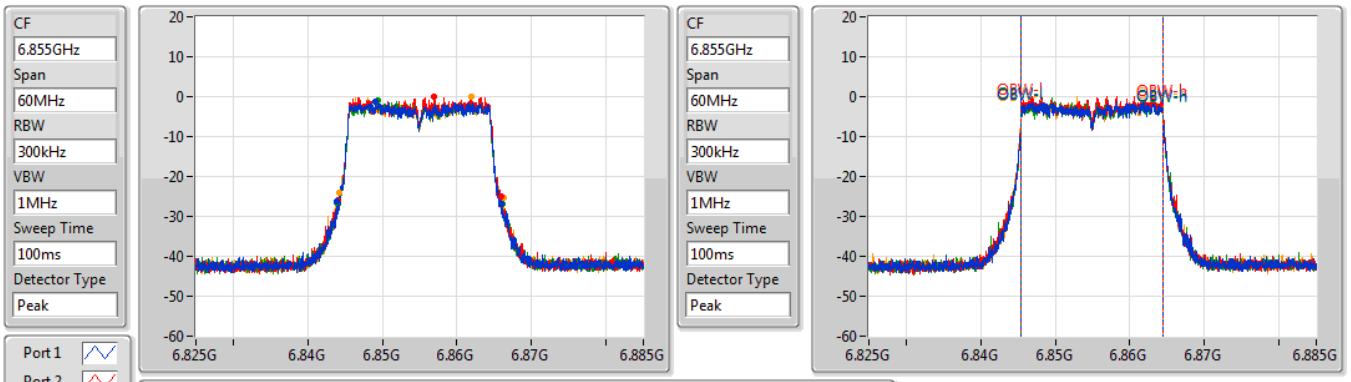
6715MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	6.70417G	6.72622G	19.1M	6.705435G	6.724535G	Inf	1
21.72M	6.70414G	6.72586G	19.07M	6.705435G	6.724505G	Inf	2
21.72M	6.7042G	6.72592G	19.07M	6.705435G	6.724505G	Inf	3
21.54M	6.70429G	6.72583G	19.07M	6.705435G	6.724505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

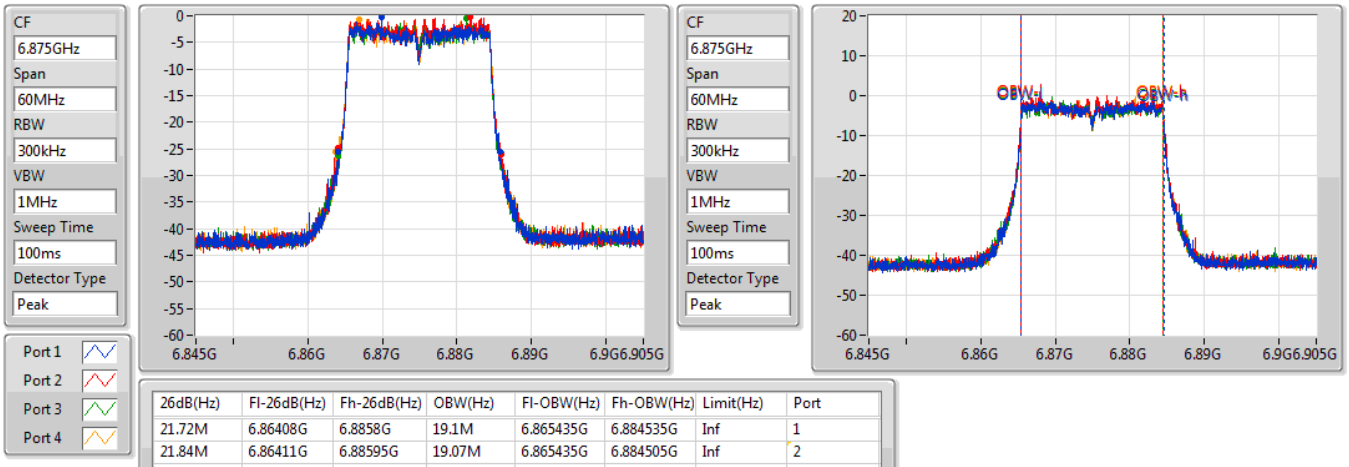
6855MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.08M	6.84387G	6.86595G	19.07M	6.845435G	6.864505G	Inf	1
21.9M	6.84402G	6.86592G	19.04M	6.845465G	6.864505G	Inf	2
22.29M	6.8439G	6.86619G	19.04M	6.845465G	6.864505G	Inf	3
22.05M	6.84423G	6.86628G	19.1M	6.845405G	6.864505G	Inf	4

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

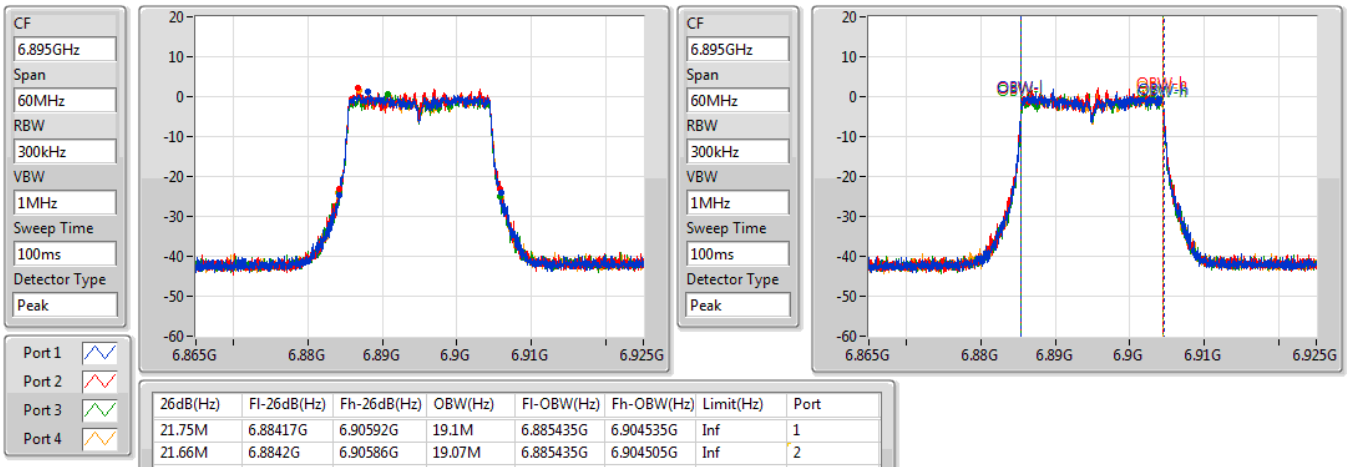
6875MHz Straddle 6.525-6.875GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	6.86408G	6.8858G	19.1M	6.865435G	6.884535G	Inf	1
21.84M	6.86411G	6.88595G	19.07M	6.865435G	6.884505G	Inf	2
21.93M	6.86405G	6.88598G	19.07M	6.865435G	6.884505G	Inf	3
22.29M	6.86366G	6.88595G	19.07M	6.865435G	6.884505G	Inf	4

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

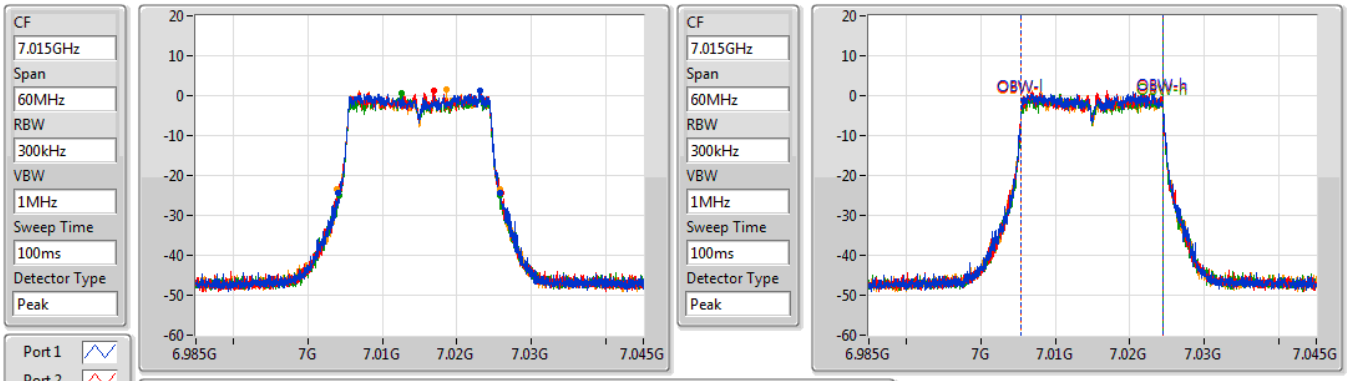
6895MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	6.88417G	6.90592G	19.1M	6.8854435G	6.904535G	Inf	1
21.66M	6.8842G	6.90586G	19.07M	6.8854435G	6.904505G	Inf	2
21.57M	6.8842G	6.90577G	19.04M	6.8854465G	6.904505G	Inf	3
21.81M	6.88411G	6.90592G	19.07M	6.8854435G	6.904505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

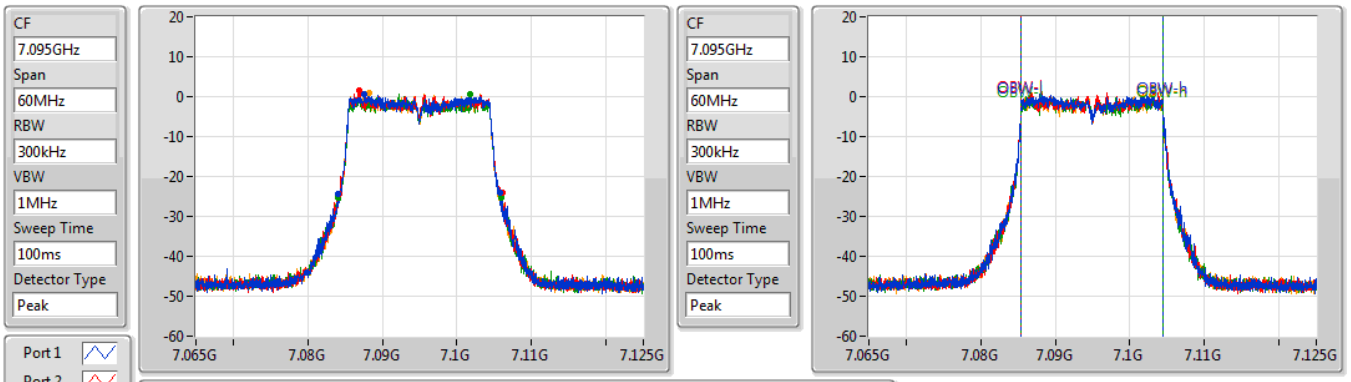
7015MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	7.00405G	7.02574G	19.07M	7.005435G	7.024505G	Inf	1
21.81M	7.00411G	7.02592G	19.07M	7.005435G	7.024505G	Inf	2
21.6M	7.00414G	7.02574G	19.04M	7.005465G	7.024505G	Inf	3
21.93M	7.00384G	7.02577G	19.07M	7.005435G	7.024505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

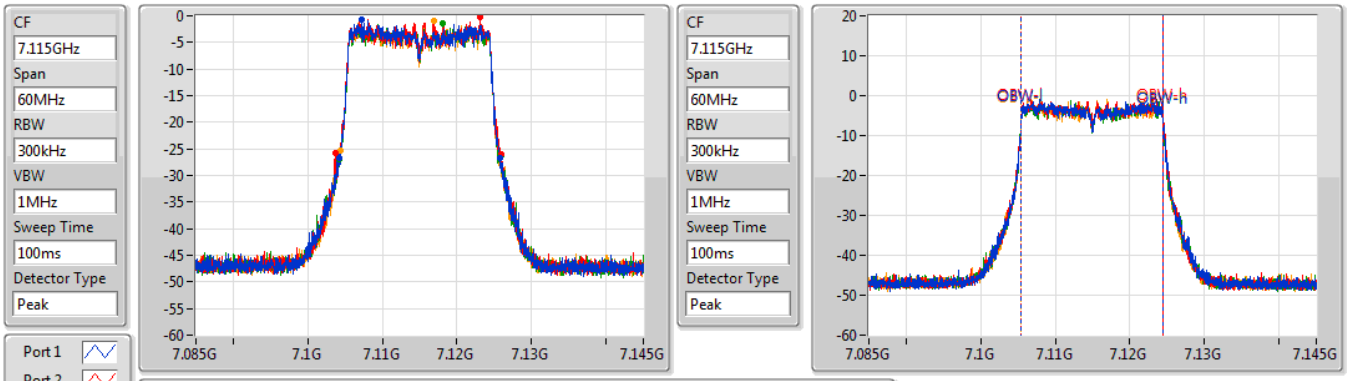
7095MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	7.08399G	7.10571G	19.07M	7.085435G	7.104505G	Inf	1
21.99M	7.08414G	7.10613G	19.07M	7.085435G	7.104505G	Inf	2
21.87M	7.08405G	7.10592G	19.07M	7.085435G	7.104505G	Inf	3
21.75M	7.08408G	7.10583G	19.07M	7.085435G	7.104505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

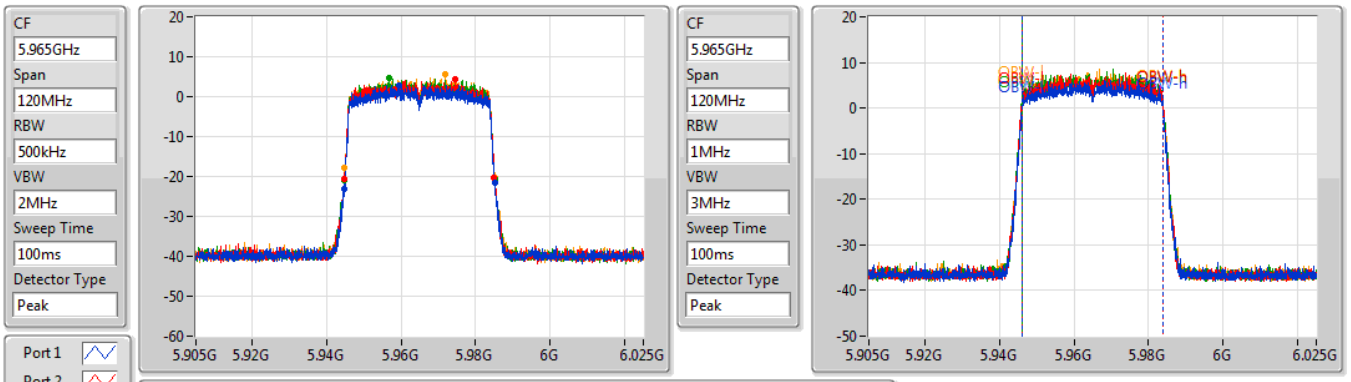
7115MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	7.10423G	7.1258G	19.07M	7.105435G	7.124505G	Inf	1
22.35M	7.10366G	7.12601G	19.07M	7.105435G	7.124505G	Inf	2
21.69M	7.1042G	7.12589G	19.07M	7.105435G	7.124505G	Inf	3
21.51M	7.10435G	7.12586G	19.07M	7.105435G	7.124505G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

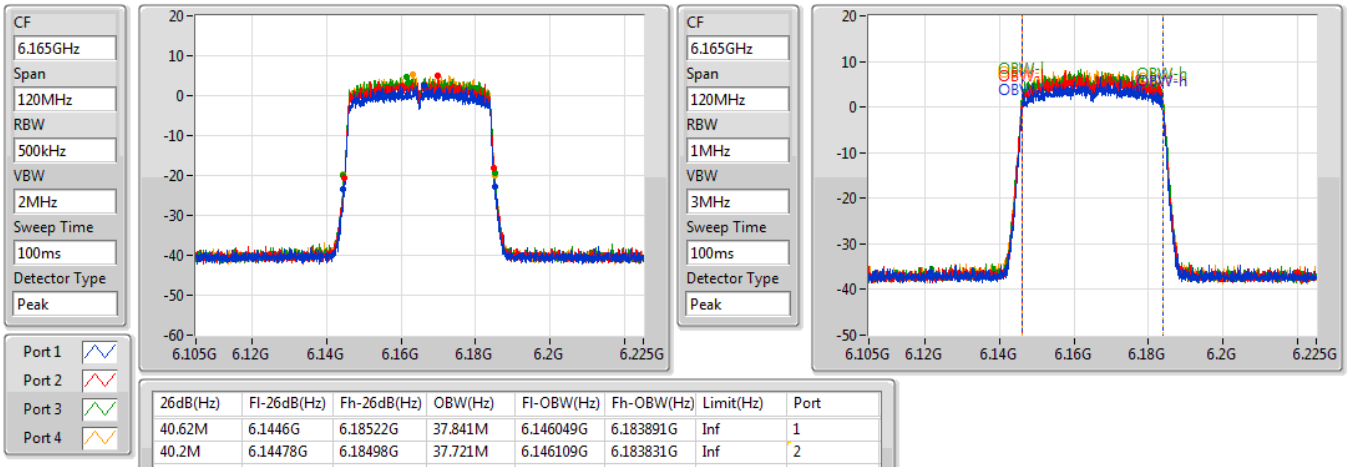
5965MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.94478G	5.98528G	37.781M	5.946109G	5.983891G	Inf	1
40.26M	5.94478G	5.98504G	37.841M	5.946049G	5.983891G	Inf	2
40.62M	5.94466G	5.98528G	37.841M	5.946049G	5.983891G	Inf	3
40.38M	5.9449G	5.98528G	37.781M	5.946109G	5.983891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

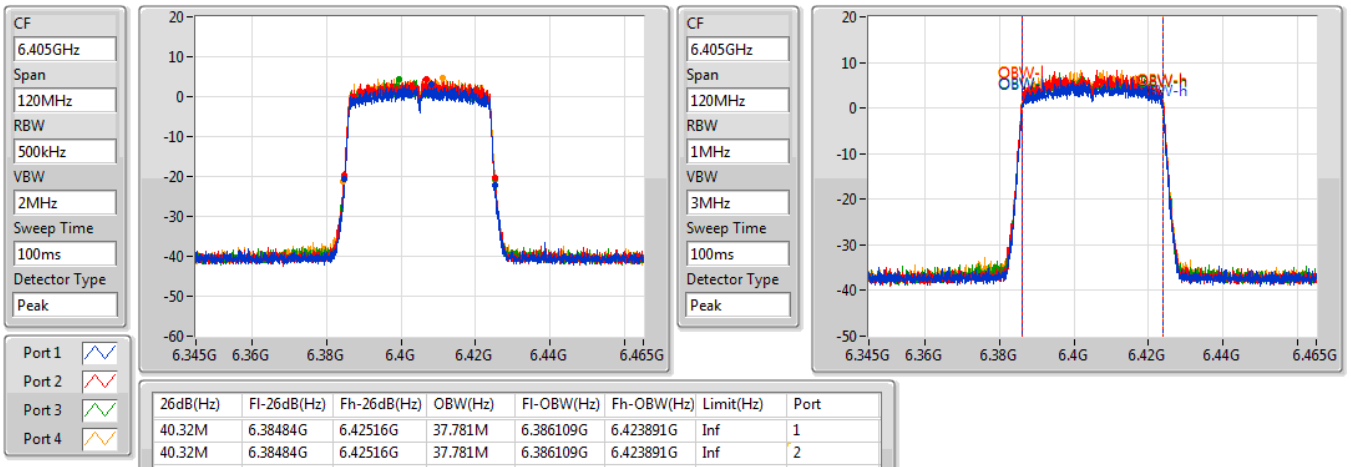
6165MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	6.1446G	6.18522G	37.841M	6.146049G	6.183891G	Inf	1
40.2M	6.14478G	6.18498G	37.721M	6.146109G	6.183831G	Inf	2
40.62M	6.1446G	6.18522G	37.841M	6.146049G	6.183891G	Inf	3
40.5M	6.1446G	6.1851G	37.841M	6.146049G	6.183891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

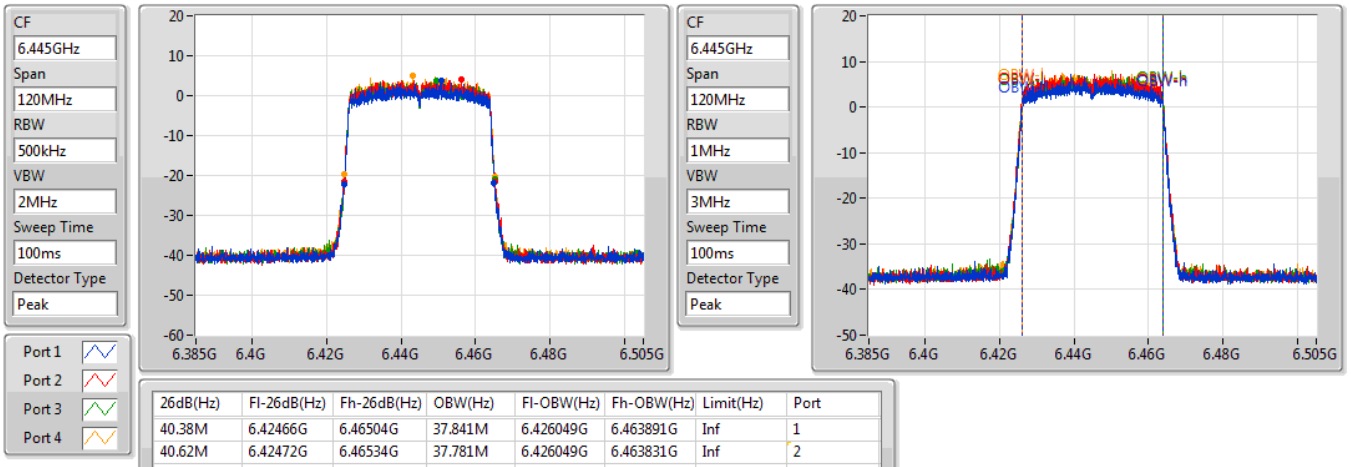
6405MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	6.38484G	6.42516G	37.781M	6.386109G	6.423891G	Inf	1
40.32M	6.38484G	6.42516G	37.781M	6.386109G	6.423891G	Inf	2
40.32M	6.38484G	6.42516G	37.781M	6.386049G	6.423831G	Inf	3
40.62M	6.3846G	6.42522G	37.901M	6.386049G	6.423951G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

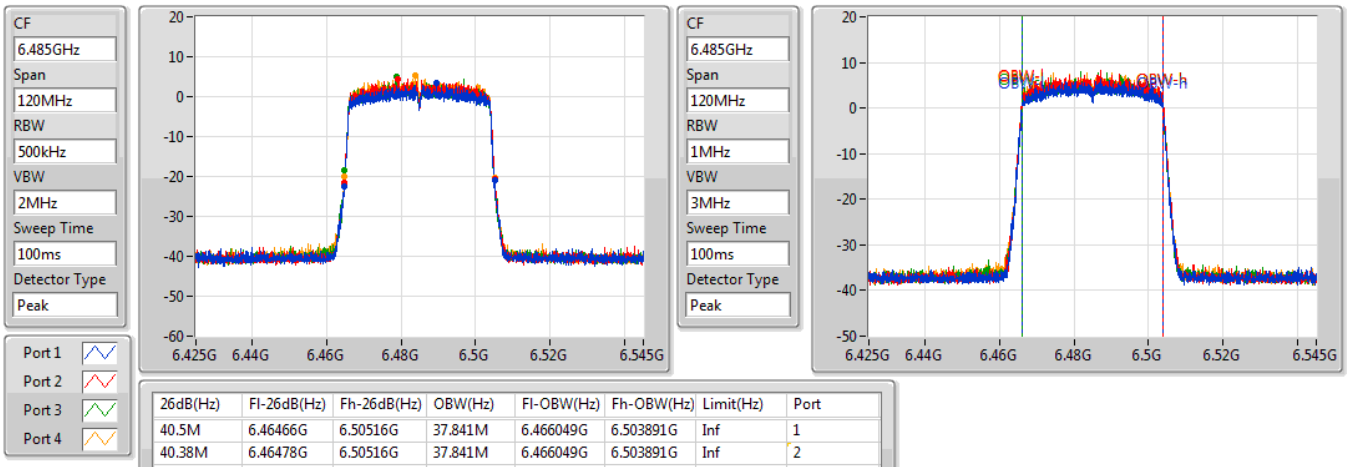
6445MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	6.42466G	6.46504G	37.841M	6.426049G	6.463891G	Inf	1
40.62M	6.42472G	6.46534G	37.781M	6.426049G	6.463831G	Inf	2
40.5M	6.42478G	6.46528G	37.781M	6.426109G	6.463891G	Inf	3
40.2M	6.4249G	6.4651G	37.841M	6.426049G	6.463891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

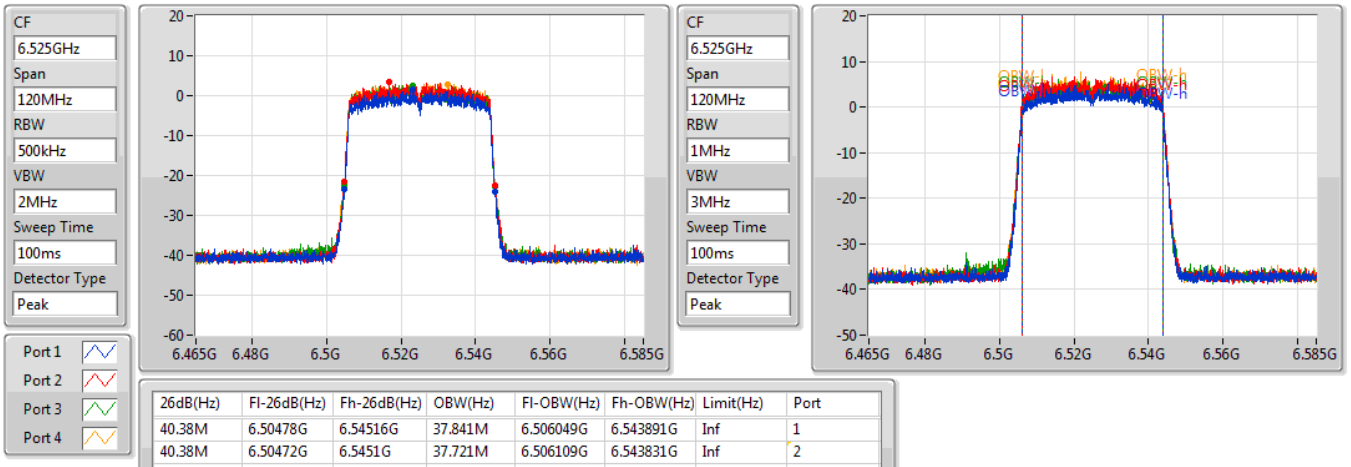
6485MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	6.46466G	6.50516G	37.841M	6.466049G	6.503891G	Inf	1
40.38M	6.46478G	6.50516G	37.841M	6.466049G	6.503891G	Inf	2
40.2M	6.4649G	6.5051G	37.841M	6.466049G	6.503891G	Inf	3
40.32M	6.46484G	6.50516G	37.841M	6.466049G	6.503891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

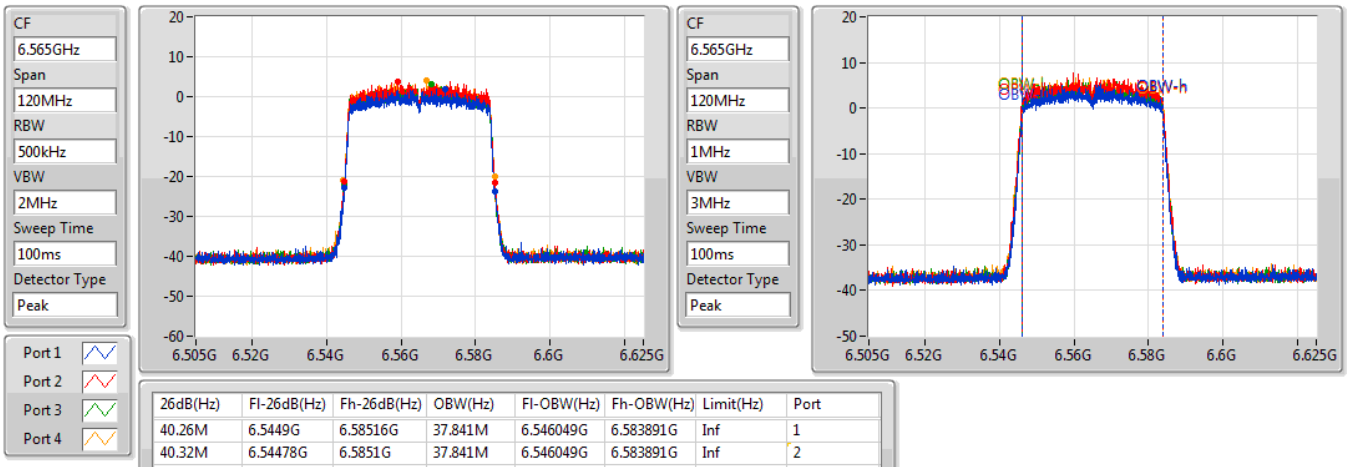
6525MHz Straddle 6.525-6.875GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	6.50478G	6.54516G	37.841M	6.506049G	6.543891G	Inf	1
40.38M	6.50472G	6.5451G	37.721M	6.506109G	6.543831G	Inf	2
40.44M	6.50472G	6.54516G	37.781M	6.506049G	6.543831G	Inf	3
40.62M	6.50472G	6.54534G	37.781M	6.506109G	6.543891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

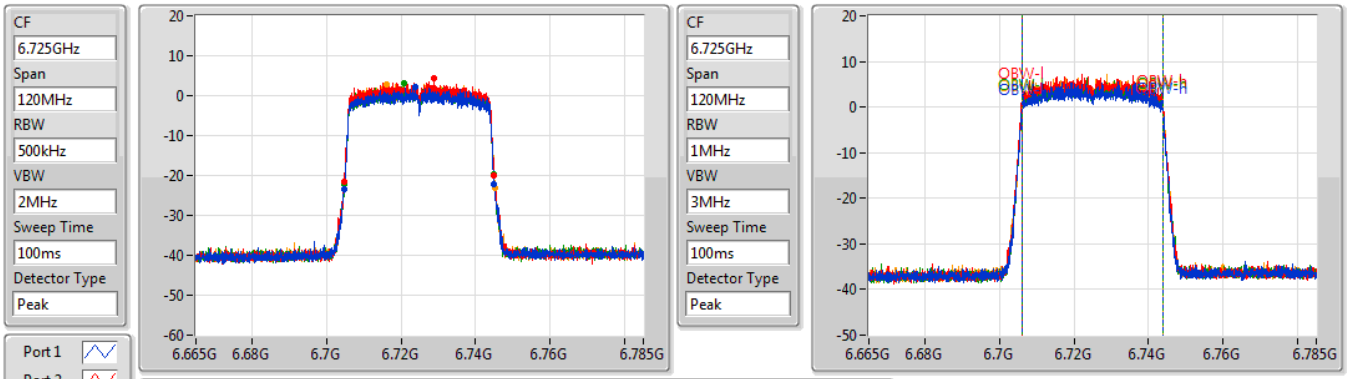
6565MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.5449G	6.58516G	37.841M	6.546049G	6.583891G	Inf	1
40.32M	6.54478G	6.5851G	37.841M	6.546049G	6.583891G	Inf	2
40.38M	6.54484G	6.58522G	37.781M	6.546049G	6.583831G	Inf	3
40.62M	6.5446G	6.58522G	37.841M	6.546049G	6.583891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

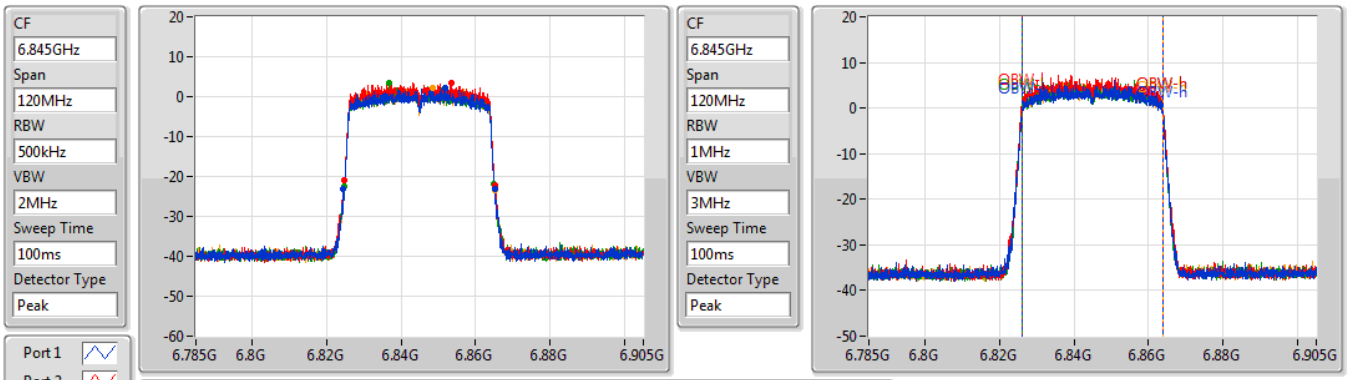
6725MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	6.70466G	6.74504G	37.841M	6.706049G	6.743891G	Inf	1
40.2M	6.70478G	6.74498G	37.841M	6.70599G	6.743831G	Inf	2
40.14M	6.7049G	6.74504G	37.781M	6.706109G	6.743891G	Inf	3
40.56M	6.70472G	6.74528G	37.781M	6.706049G	6.743831G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

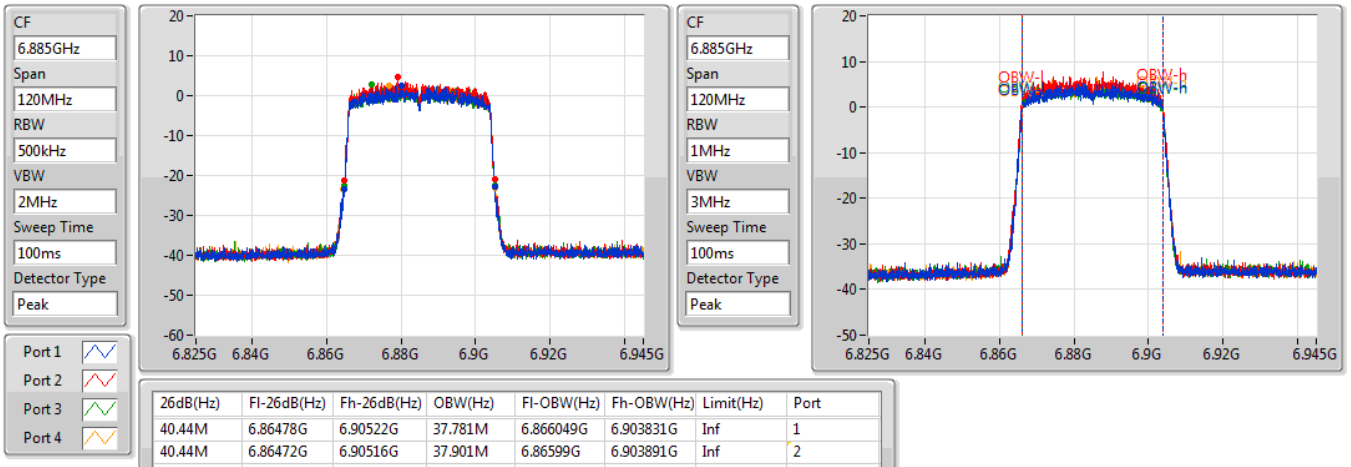
6845MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	6.8246G	6.86528G	37.781M	6.826049G	6.863831G	Inf	1
40.44M	6.82484G	6.86528G	37.781M	6.826049G	6.863831G	Inf	2
40.14M	6.82484G	6.86498G	37.841M	6.826049G	6.863891G	Inf	3
40.8M	6.82448G	6.86528G	37.841M	6.826049G	6.863891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

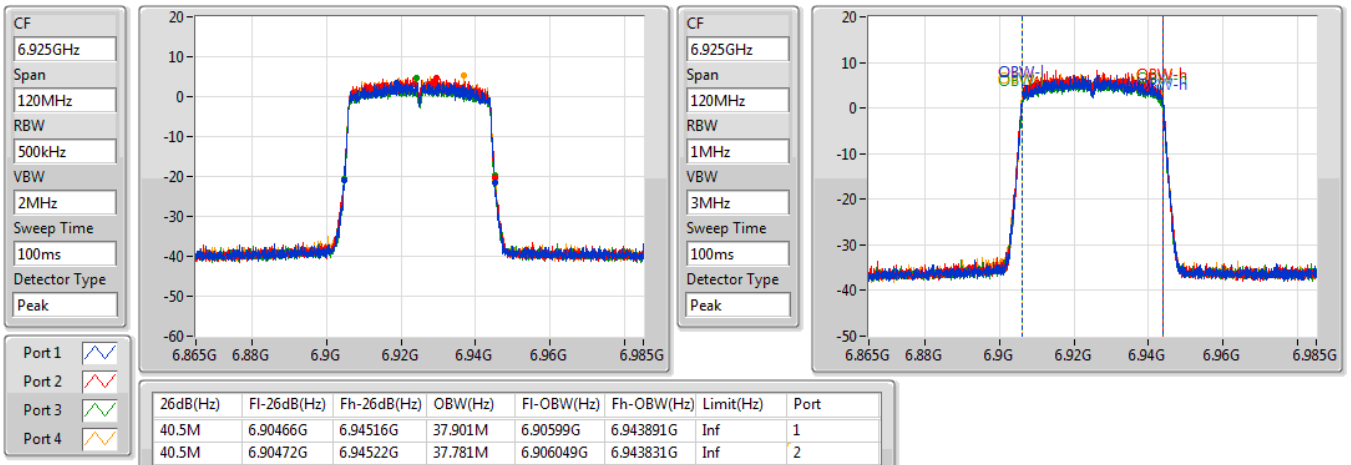
6885MHz Straddle 6.525-6.875GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	6.86478G	6.90522G	37.781M	6.866049G	6.903831G	Inf	1
40.44M	6.86472G	6.90516G	37.901M	6.86599G	6.903891G	Inf	2
40.62M	6.86466G	6.90528G	37.841M	6.866049G	6.903891G	Inf	3
40.62M	6.8646G	6.90522G	37.841M	6.866049G	6.903891G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

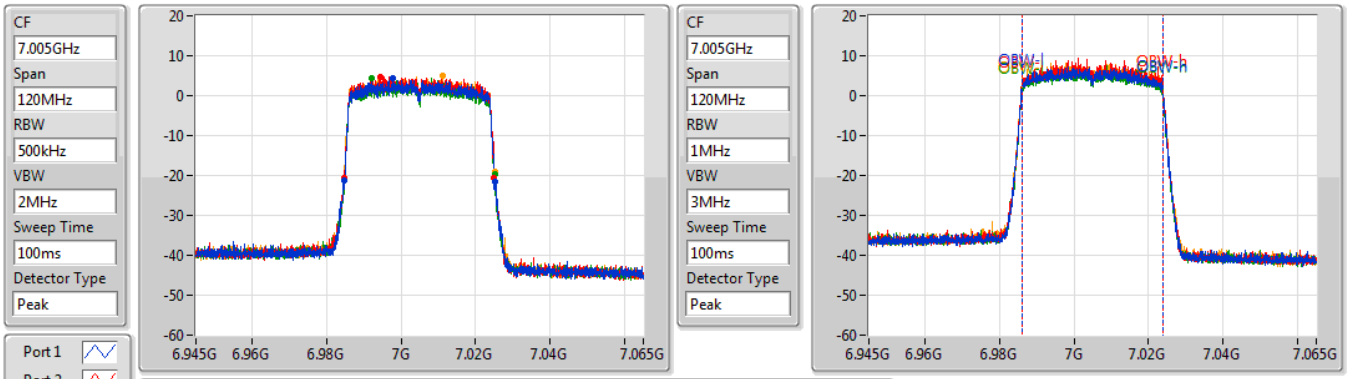
6925MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	6.90466G	6.94516G	37.901M	6.90599G	6.943891G	Inf	1
40.5M	6.90472G	6.94522G	37.781M	6.906049G	6.943831G	Inf	2
40.32M	6.90484G	6.94516G	37.781M	6.906109G	6.943891G	Inf	3
40.38M	6.90472G	6.9451G	37.781M	6.90599G	6.943771G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

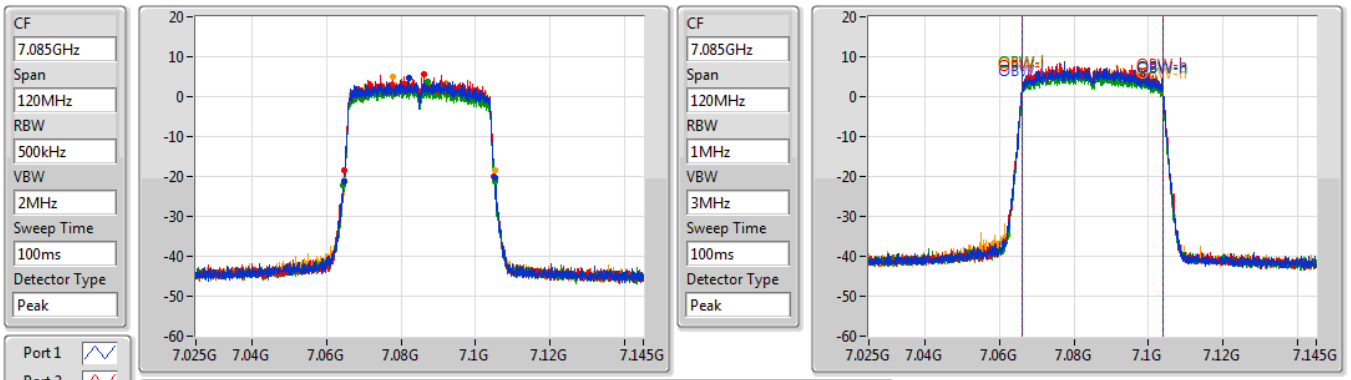
7005MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	6.98466G	7.0251G	37.841M	6.98599G	7.023831G	Inf	1
40.38M	6.98466G	7.02504G	37.781M	6.986049G	7.023831G	Inf	2
40.38M	6.98472G	7.0251G	37.721M	6.986049G	7.023771G	Inf	3
40.44M	6.98466G	7.0251G	37.781M	6.986049G	7.023831G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

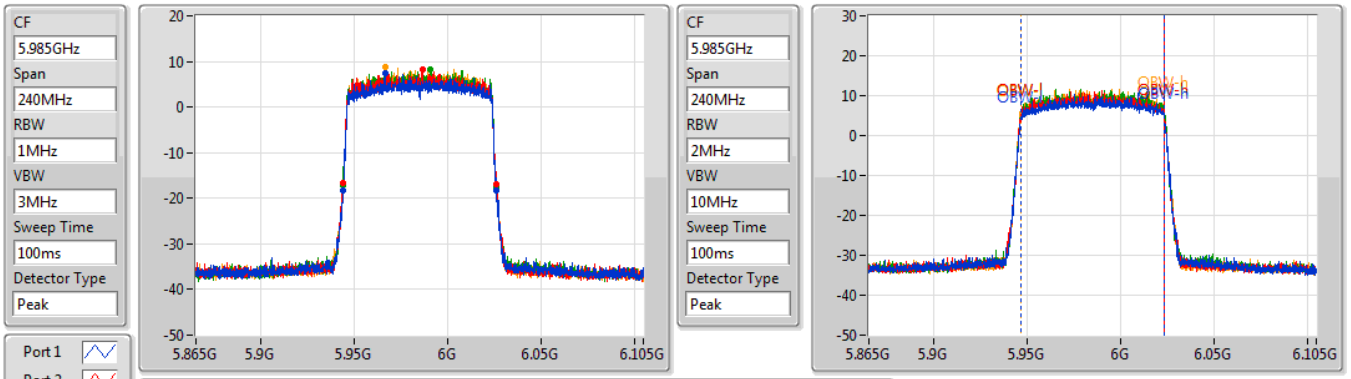
7085MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	7.06472G	7.10522G	37.781M	7.066049G	7.103831G	Inf	1
40.2M	7.06484G	7.10504G	37.721M	7.066049G	7.103771G	Inf	2
40.68M	7.06442G	7.1051G	37.721M	7.066049G	7.103771G	Inf	3
40.2M	7.0649G	7.1051G	37.781M	7.066049G	7.103831G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

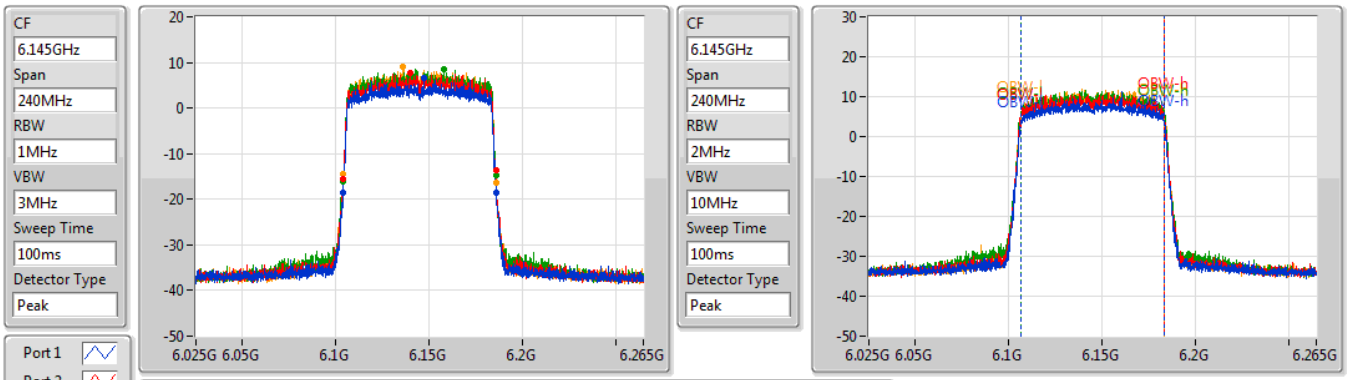
5985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.94372G	6.02616G	77.241M	5.946379G	6.023621G	Inf	1
82.2M	5.94408G	6.02628G	77.241M	5.946379G	6.023621G	Inf	2
82.32M	5.94396G	6.02628G	77.241M	5.946379G	6.023621G	Inf	3
82.08M	5.94384G	6.02592G	77.361M	5.946379G	6.023741G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

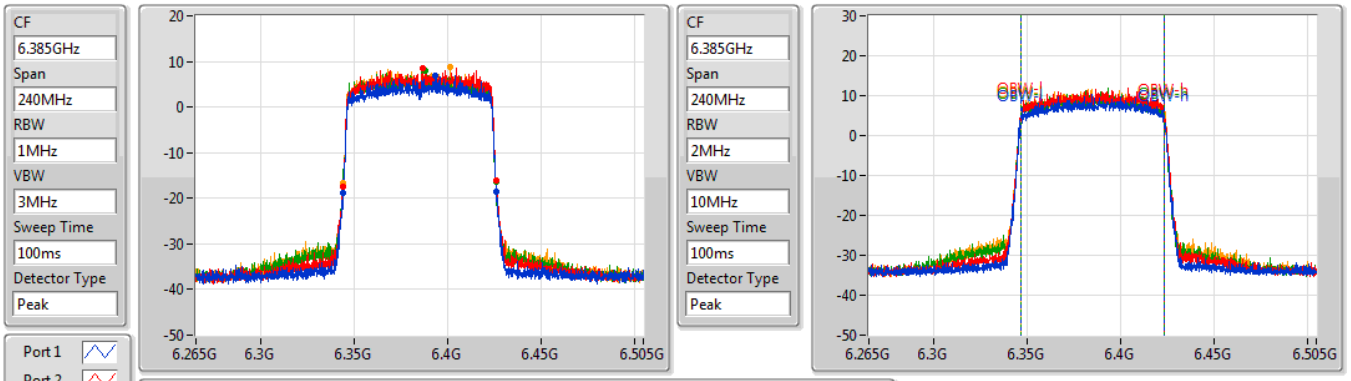
6145MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	6.10384G	6.18604G	77.241M	6.106379G	6.183621G	Inf	1
82.08M	6.10396G	6.18604G	77.361M	6.106259G	6.183621G	Inf	2
81.96M	6.10384G	6.1858G	77.361M	6.106259G	6.183621G	Inf	3
81.96M	6.10396G	6.18592G	77.241M	6.106379G	6.183621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

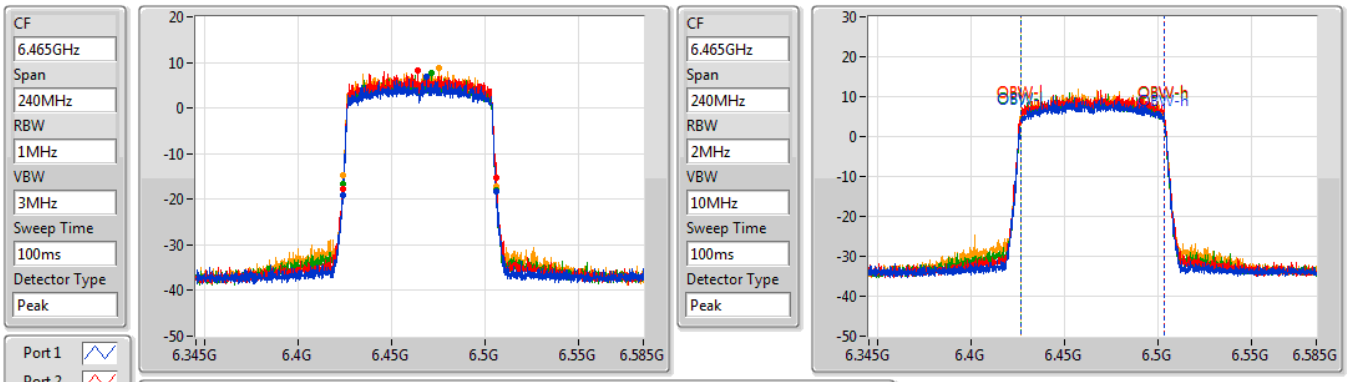
6385MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	6.34384G	6.4264G	77.481M	6.346259G	6.423741G	Inf	1
82.68M	6.3436G	6.42628G	77.241M	6.346379G	6.423621G	Inf	2
82.2M	6.34372G	6.42592G	77.361M	6.346259G	6.423621G	Inf	3
82.08M	6.34384G	6.42592G	77.361M	6.346379G	6.423741G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

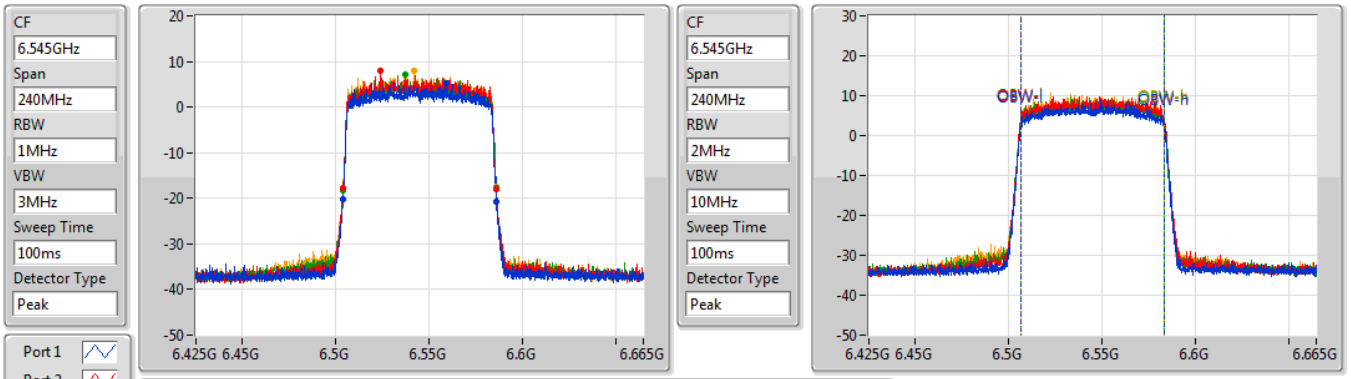
6465MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	6.42372G	6.50592G	77.481M	6.426259G	6.503741G	Inf	1
82.2M	6.42384G	6.50604G	77.361M	6.426259G	6.503621G	Inf	2
81.96M	6.42408G	6.50604G	77.361M	6.426259G	6.503621G	Inf	3
82.2M	6.42384G	6.50604G	77.361M	6.426259G	6.503621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

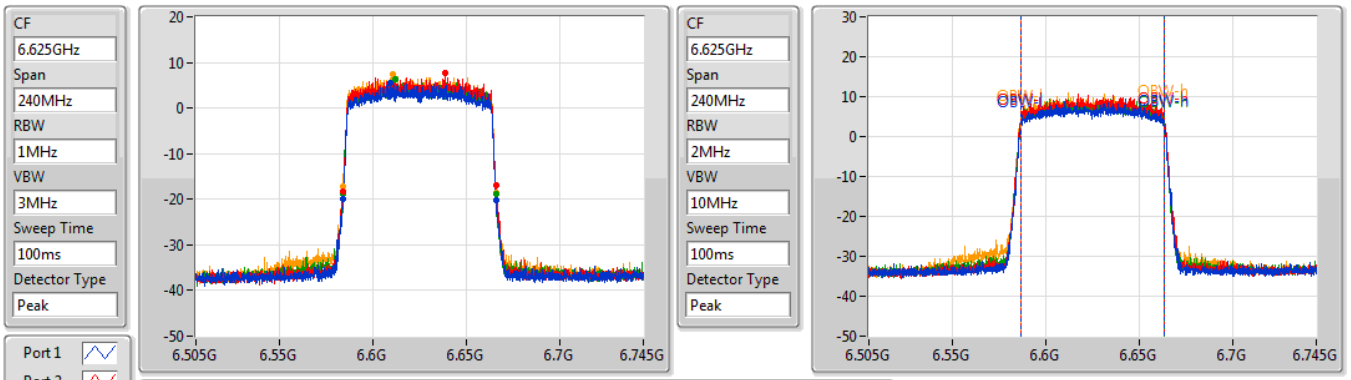
6545MHz Straddle 6.525-6.875GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	6.50384G	6.58592G	77.241M	6.506379G	6.583621G	Inf	1
81.6M	6.5042G	6.5858G	77.241M	6.506379G	6.583621G	Inf	2
81.84M	6.50396G	6.5858G	77.361M	6.506259G	6.583621G	Inf	3
81.72M	6.50408G	6.5858G	77.241M	6.506379G	6.583621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

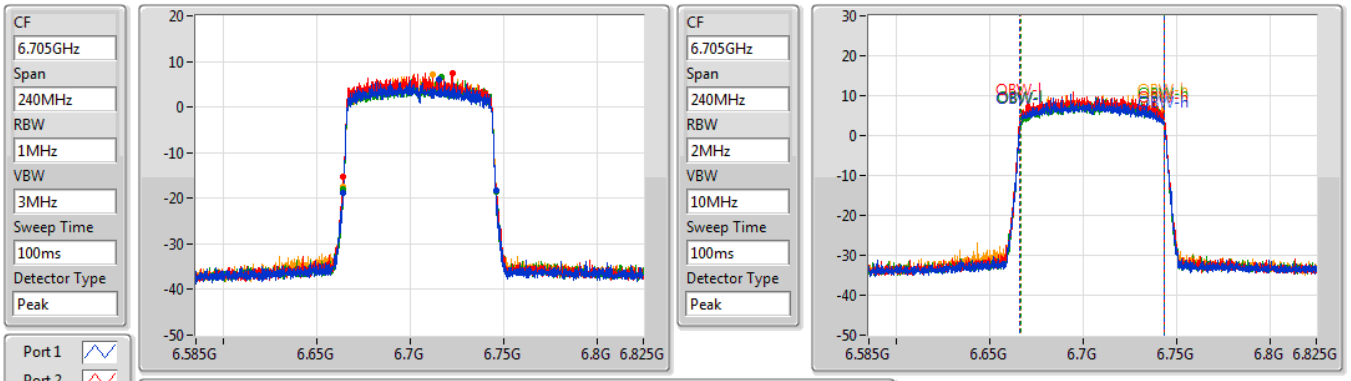
6625MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	6.58396G	6.66628G	77.361M	6.586259G	6.663621G	Inf	1
82.44M	6.5836G	6.66604G	77.361M	6.586259G	6.663621G	Inf	2
82.08M	6.58396G	6.66604G	77.361M	6.586259G	6.663621G	Inf	3
81.84M	6.58408G	6.66592G	77.241M	6.586259G	6.663501G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

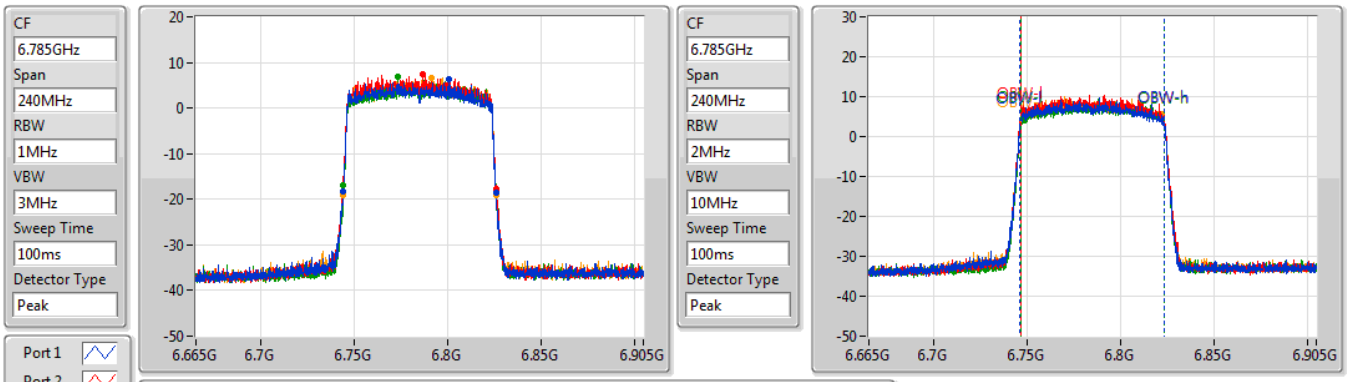
6705MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	6.66384G	6.7458G	77.361M	6.666139G	6.743501G	Inf	1
81.96M	6.66408G	6.74604G	77.481M	6.666139G	6.743621G	Inf	2
81.84M	6.66408G	6.74592G	77.361M	6.666259G	6.743621G	Inf	3
81.96M	6.66408G	6.74604G	77.241M	6.666259G	6.743501G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

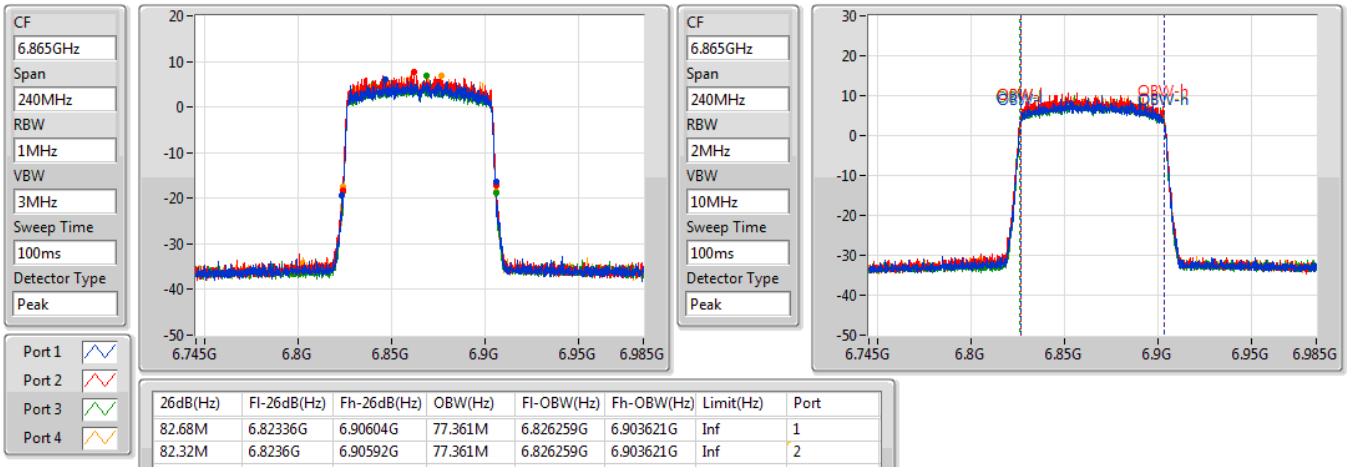
6785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	6.74408G	6.82616G	77.481M	6.746139G	6.823621G	Inf	1
81.96M	6.74384G	6.8258G	77.241M	6.746259G	6.823501G	Inf	2
81.96M	6.74408G	6.82604G	77.241M	6.746379G	6.823621G	Inf	3
82.2M	6.74396G	6.82616G	77.361M	6.746259G	6.823621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX **EBW**

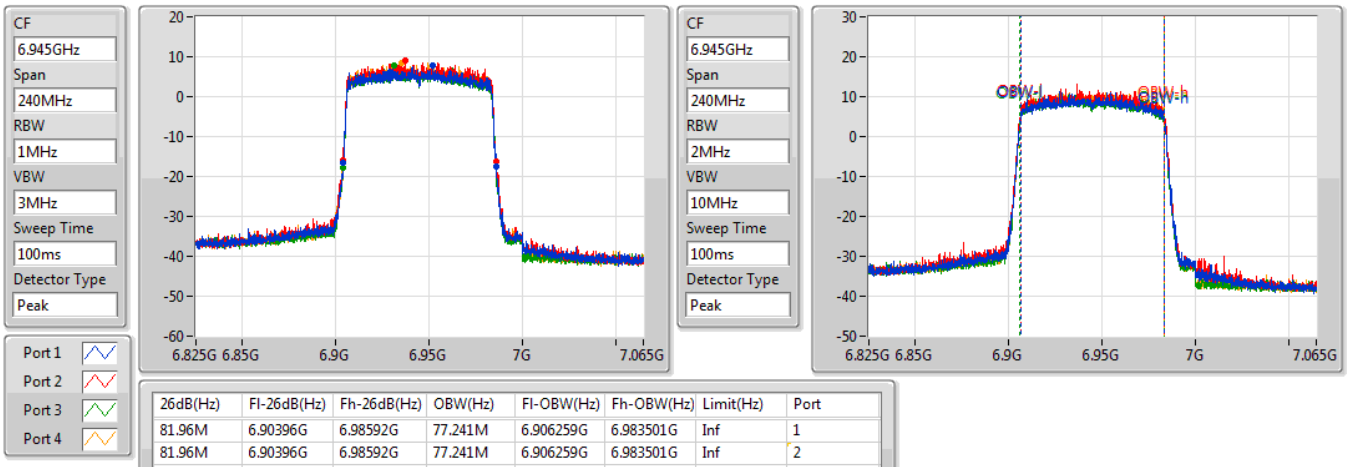
6865MHz Straddle 6.525-6.875GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	6.82336G	6.90604G	77.361M	6.826259G	6.903621G	Inf	1
82.32M	6.8236G	6.90592G	77.361M	6.826259G	6.903621G	Inf	2
81.72M	6.82408G	6.9058G	77.361M	6.826139G	6.903501G	Inf	3
81.84M	6.82408G	6.90592G	77.361M	6.826259G	6.903621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX **EBW**

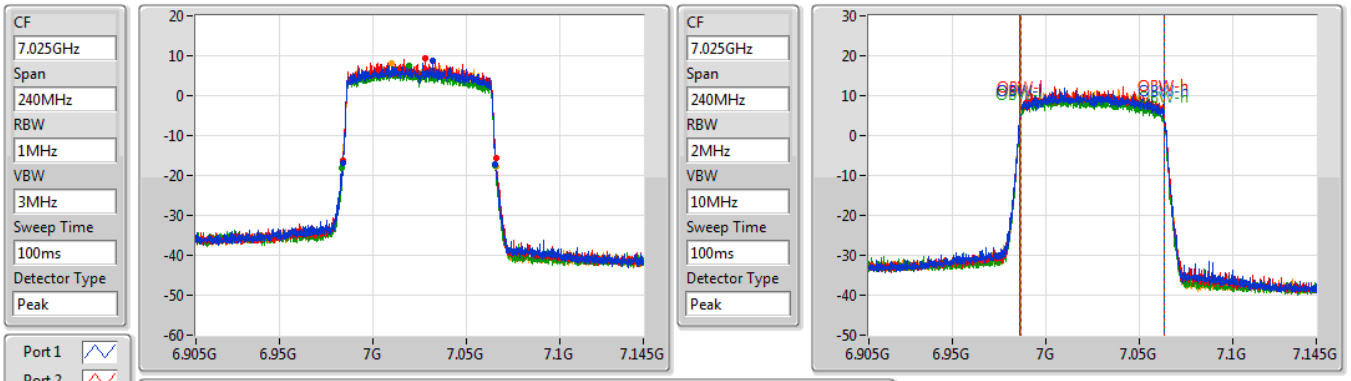
6945MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	6.90396G	6.98592G	77.241M	6.906259G	6.983501G	Inf	1
81.96M	6.90396G	6.98592G	77.241M	6.906259G	6.983501G	Inf	2
81.84M	6.90396G	6.9858G	77.361M	6.906139G	6.983501G	Inf	3
82.08M	6.90396G	6.98604G	77.241M	6.906259G	6.983501G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

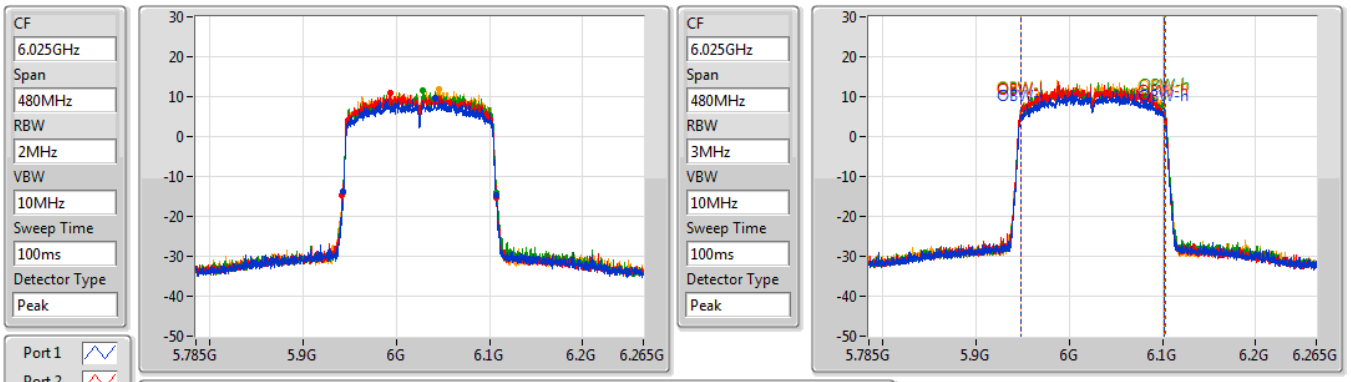
7025MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	6.98408G	7.06568G	77.361M	6.986139G	7.063501G	Inf	1
81.84M	6.98396G	7.0658G	77.121M	6.986259G	7.063381G	Inf	2
82.2M	6.98348G	7.06568G	77.241M	6.986139G	7.063381G	Inf	3
82.44M	6.98372G	7.06616G	77.241M	6.986259G	7.063501G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

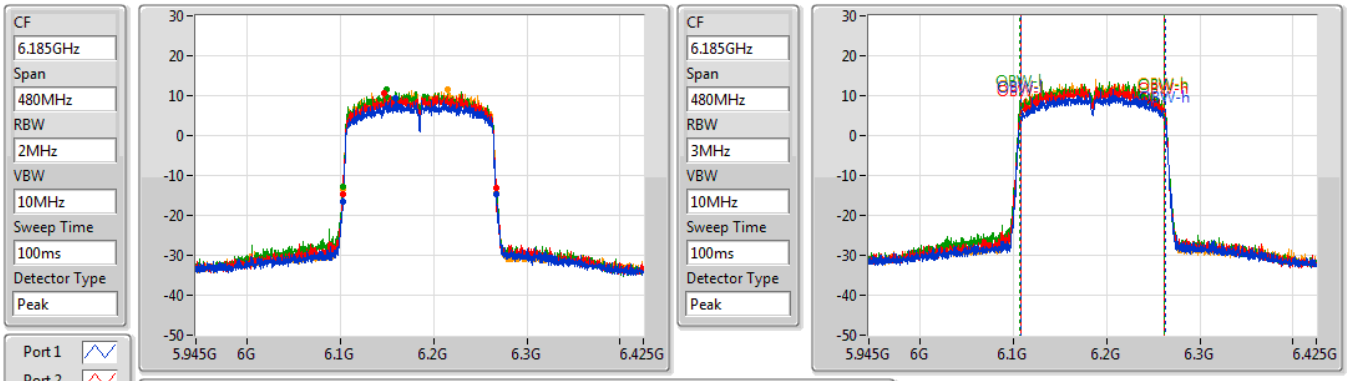
6025MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	5.94268G	6.10756G	154.963M	5.947519G	6.102481G	Inf	1
165.84M	5.94196G	6.1078G	154.963M	5.947519G	6.102481G	Inf	2
164.88M	5.94244G	6.10732G	154.963M	5.947759G	6.102721G	Inf	3
164.88M	5.9422G	6.10708G	154.723M	5.947759G	6.102481G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

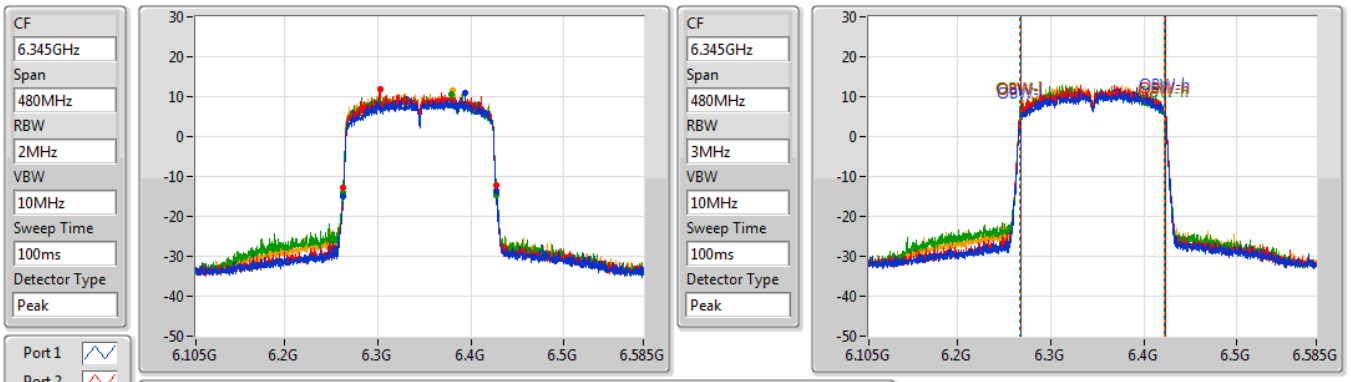
6185MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.10268G	6.26708G	155.202M	6.107519G	6.262721G	Inf	1
164.16M	6.10292G	6.26708G	154.963M	6.107519G	6.262481G	Inf	2
164.16M	6.10292G	6.26708G	154.963M	6.107279G	6.262241G	Inf	3
165.12M	6.10244G	6.26756G	154.963M	6.107519G	6.262481G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

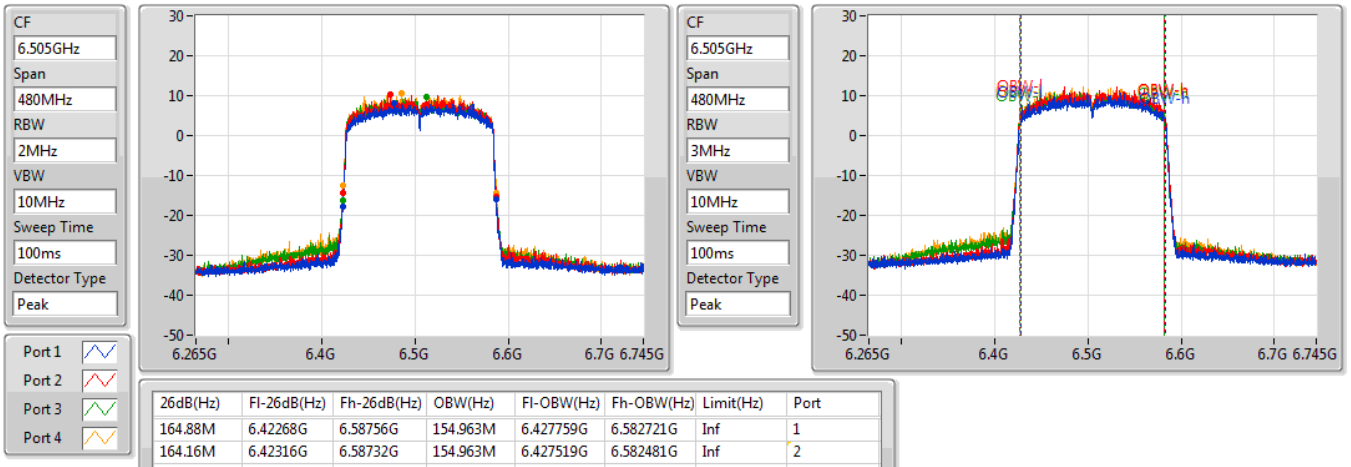
6345MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.92M	6.26316G	6.42708G	154.963M	6.267759G	6.422721G	Inf	1
164.16M	6.26292G	6.42708G	154.963M	6.267759G	6.422721G	Inf	2
165.12M	6.26244G	6.42756G	155.202M	6.267279G	6.422481G	Inf	3
164.64M	6.26244G	6.42708G	154.963M	6.267519G	6.422481G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

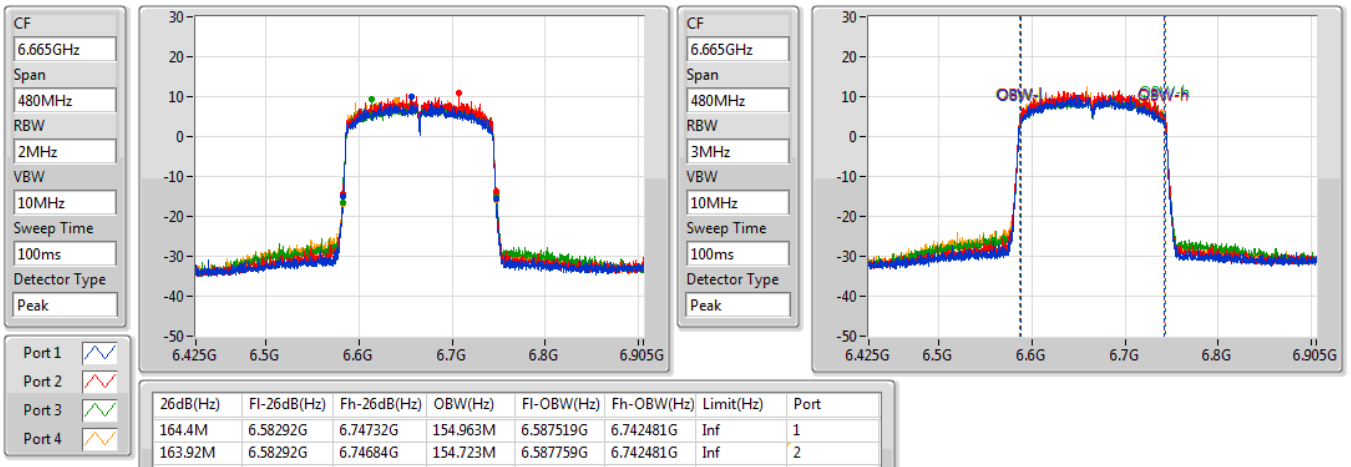
6505MHz Straddle 6.525-6.875GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	6.42268G	6.58756G	154.963M	6.427759G	6.582721G	Inf	1
164.16M	6.42316G	6.58732G	154.963M	6.427519G	6.582481G	Inf	2
164.88M	6.4222G	6.58708G	155.202M	6.427279G	6.582481G	Inf	3
164.16M	6.42268G	6.58684G	155.202M	6.427279G	6.582481G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

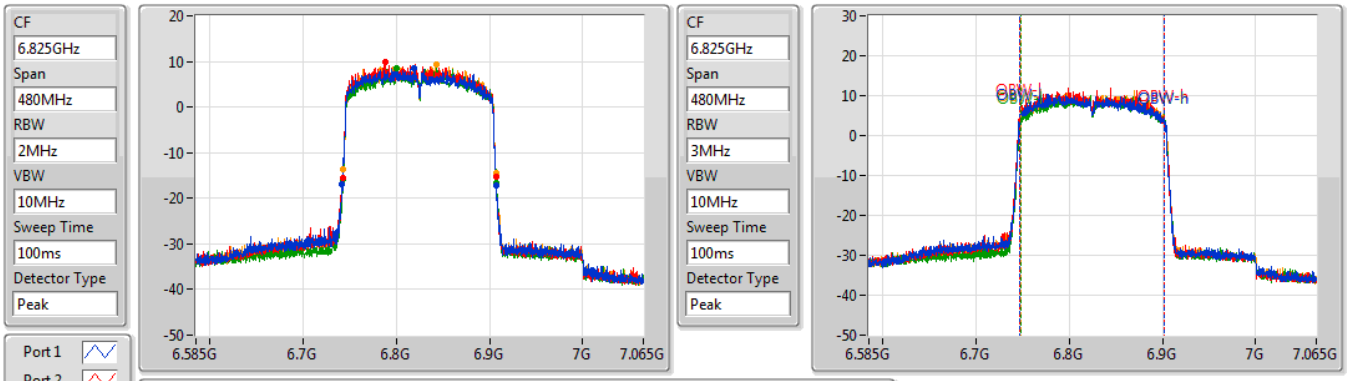
6665MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.58292G	6.74732G	154.963M	6.587519G	6.742481G	Inf	1
163.92M	6.58292G	6.74684G	154.723M	6.587759G	6.742481G	Inf	2
164.88M	6.58244G	6.74732G	155.442M	6.587279G	6.742721G	Inf	3
165.12M	6.58244G	6.74756G	155.202M	6.587279G	6.742481G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

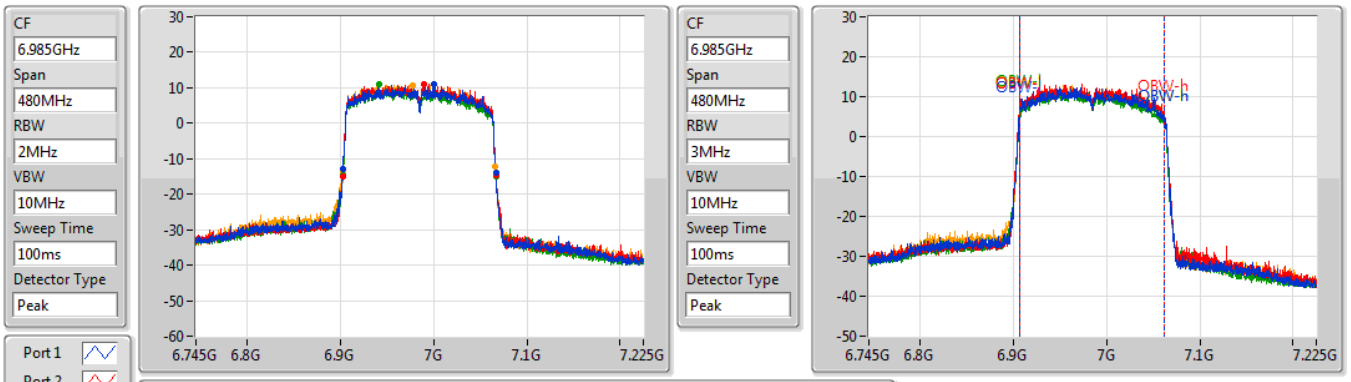
6825MHz Straddle 6.525-6.875GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.6M	6.74172G	6.90732G	154.963M	6.747039G	6.902001G	Inf	1
164.64M	6.7422G	6.90684G	154.963M	6.747039G	6.902001G	Inf	2
164.88M	6.74244G	6.90732G	154.963M	6.747519G	6.902481G	Inf	3
163.44M	6.74316G	6.9066G	154.483M	6.747519G	6.902001G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

6985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	6.90244G	7.06708G	154.723M	6.907039G	7.061762G	Inf	1
164.64M	6.9022G	7.06684G	154.723M	6.907039G	7.061762G	Inf	2
165.36M	6.9022G	7.06756G	154.723M	6.907039G	7.061762G	Inf	3
163.68M	6.90268G	7.06636G	154.723M	6.907039G	7.061762G	Inf	4

Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	13.70	0.02344	17.56	0.05702
802.11ax HEW40_Nss4,(MCS0)_4TX	16.85	0.04842	20.71	0.11776
802.11ax HEW80_Nss4,(MCS0)_4TX	20.19	0.10447	24.05	0.25410
802.11ax HEW160_Nss4,(MCS0)_4TX	22.65	0.18408	26.51	0.44771
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	13.07	0.02028	17.34	0.05420
802.11ax HEW40_Nss4,(MCS0)_4TX	16.63	0.04603	20.90	0.12303
802.11ax HEW80_Nss4,(MCS0)_4TX	19.70	0.09333	23.97	0.24946
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	12.28	0.01690	17.61	0.05768
802.11ax HEW40_Nss4,(MCS0)_4TX	15.61	0.03639	20.94	0.12417
802.11ax HEW80_Nss4,(MCS0)_4TX	18.81	0.07603	24.14	0.25942
802.11ax HEW160_Nss4,(MCS0)_4TX	21.27	0.13397	26.60	0.45709
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	14.32	0.02704	17.70	0.05888
802.11ax HEW40_Nss4,(MCS0)_4TX	17.73	0.05929	21.11	0.12912
802.11ax HEW80_Nss4,(MCS0)_4TX	20.68	0.11695	24.06	0.25468
802.11ax HEW160_Nss4,(MCS0)_4TX	22.77	0.18923	26.15	0.41210

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5935MHz	Pass	3.86	2.01	2.16	2.06	2.01	8.08	Inf	11.94	30.00
5955MHz	Pass	3.86	7.63	7.65	7.46	7.66	13.62	Inf	17.48	30.00
6175MHz	Pass	3.86	7.43	7.26	8.17	7.79	13.70	Inf	17.56	30.00
6415MHz	Pass	3.86	7.12	7.37	7.29	7.19	13.26	Inf	17.12	30.00
6435MHz	Pass	4.27	6.83	7.23	7.03	6.81	13.00	Inf	17.27	30.00
6475MHz	Pass	4.27	6.81	7.22	6.89	6.82	12.96	Inf	17.23	30.00
6515MHz	Pass	4.27	6.72	7.41	6.94	7.11	13.07	Inf	17.34	30.00
6535MHz	Pass	5.33	5.88	6.47	6.08	6.02	12.14	Inf	17.47	30.00
6715MHz	Pass	5.33	6.2	6.82	5.54	5.15	12.00	Inf	17.33	30.00
6855MHz	Pass	5.33	6.12	6.67	6.12	6.08	12.28	Inf	17.61	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	5.33	5.86	6.28	6.05	5.83	12.03	Inf	17.36	30.00
6895MHz	Pass	3.38	8.33	8.53	8.18	8.15	14.32	Inf	17.70	30.00
7015MHz	Pass	3.38	8.28	8.09	7.99	7.71	14.04	Inf	17.42	30.00
7095MHz	Pass	3.38	8.08	8.12	8.07	7.68	14.01	Inf	17.39	30.00
7115MHz	Pass	3.38	5.32	5.26	5.19	4.95	11.20	Inf	14.58	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	3.86	10.01	10.82	11.21	11.17	16.85	Inf	20.71	30.00
6165MHz	Pass	3.86	9.12	10.45	11.43	11.38	16.71	Inf	20.57	30.00
6405MHz	Pass	3.86	9.56	11.05	10.61	11.17	16.66	Inf	20.52	30.00
6445MHz	Pass	4.27	9.57	10.75	10.47	10.95	16.49	Inf	20.76	30.00
6485MHz	Pass	4.27	9.66	10.86	10.67	11.11	16.63	Inf	20.90	30.00
6525MHz Straddle 6.525-6.875GHz	Pass	5.33	8.12	9.72	9.43	9.81	15.34	Inf	20.67	30.00
6565MHz	Pass	5.33	8.35	10.02	9.4	9.95	15.50	Inf	20.83	30.00
6725MHz	Pass	5.33	8.72	10.34	9.21	9.91	15.61	Inf	20.94	30.00
6845MHz	Pass	5.33	8.77	10.21	9.12	9.15	15.37	Inf	20.70	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	5.33	9.05	10.17	9.15	9.36	15.48	Inf	20.81	30.00
6925MHz	Pass	3.38	11.02	11.73	10.83	11.56	17.32	Inf	20.70	30.00
7005MHz	Pass	3.38	11.13	11.83	10.96	11.67	17.43	Inf	20.81	30.00
7085MHz	Pass	3.38	11.67	12.23	11.18	11.71	17.73	Inf	21.11	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	3.86	13.26	14.13	14.61	14.56	20.19	Inf	24.05	30.00
6145MHz	Pass	3.86	12.25	13.76	14.39	14.22	19.75	Inf	23.61	30.00
6385MHz	Pass	3.86	12.56	14.47	13.85	14.05	19.81	Inf	23.67	30.00
6465MHz	Pass	4.27	12.59	14.11	13.53	14.28	19.70	Inf	23.97	30.00
6545MHz Straddle	Pass	5.33	11.52	12.88	12.61	12.95	18.55	Inf	23.88	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)
6.525-6.875GHz										
6625MHz	Pass	5.33	11.87	13.11	12.36	12.97	18.63	Inf	23.96	30.00
6705MHz	Pass	5.33	12.18	13.53	12.23	13.06	18.81	Inf	24.14	30.00
6785MHz	Pass	5.33	12.11	13.06	12.03	12.53	18.47	Inf	23.80	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.33	12.88	13.08	12.12	12.68	18.73	Inf	24.06	30.00
6945MHz	Pass	3.38	14.13	15.05	14.06	14.63	20.51	Inf	23.89	30.00
7025MHz	Pass	3.38	14.65	15.08	14.03	14.81	20.68	Inf	24.06	30.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	3.86	15.31	16.82	17.01	17.13	22.65	Inf	26.51	30.00
6185MHz	Pass	3.86	14.82	16.32	17.06	17.06	22.43	Inf	26.29	30.00
6345MHz	Pass	3.86	15.57	16.78	16.53	16.81	22.47	Inf	26.33	30.00
6505MHz Straddle 6.525-6.875GHz	Pass	5.33	14.33	15.42	15.46	15.66	21.27	Inf	26.60	30.00
6665MHz	Pass	5.33	14.19	15.35	14.62	15.11	20.86	Inf	26.19	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	5.33	14.75	15.23	14.43	14.96	20.87	Inf	26.20	30.00
6985MHz	Pass	3.38	16.36	17.16	16.35	17.05	22.77	Inf	26.15	30.00

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

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

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5925 ~ 6425MHz	6425 ~ 6525MHz	6525 ~ 6875MHz	6875 ~ 7125MHz
4	3.47	3.78	4.25	3.15
6	4.12	4.54	5.23	3.27
7	3.63	3.8	4.37	3.21
8	4.02	4.87	6.83	3.5
Directional Gain (dBi)	3.82	4.27	5.3	3.28

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5925 ~ 6425MHz	6425 ~ 6525MHz	6525 ~ 6875MHz	6875 ~ 7125MHz
5	4.03	4.15	4.9	3.18
7	3.63	3.8	4.37	3.21
8	4.02	4.87	6.83	3.5
9	3.73	4.1	4.79	3.61
Directional Gain (dBi)	3.86	4.25	5.33	3.38

Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	7.68	0.00586	11.54	0.01426
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	10.83	0.01211	14.69	0.02944
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	14.17	0.02612	18.03	0.06353
802.11ax HEW160-BF_Nss4,(MCS0)_4TX	16.63	0.04603	20.49	0.11194
6.425-6.525GHz	-	-	-	-
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	7.05	0.00507	11.32	0.01355
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	10.61	0.01151	14.88	0.03076
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	13.68	0.02333	17.95	0.06237
6.525-6.875GHz	-	-	-	-
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	6.26	0.00423	11.59	0.01442
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	9.59	0.00910	14.92	0.03105
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	12.79	0.01901	18.12	0.06486
802.11ax HEW160-BF_Nss4,(MCS0)_4TX	15.25	0.03350	20.58	0.11429
6.875-7.125GHz	-	-	-	-
802.11ax HEW20-BF_Nss4,(MCS0)_4TX	8.30	0.00676	11.68	0.01472
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	11.71	0.01483	15.09	0.03228
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	14.66	0.02924	18.04	0.06368
802.11ax HEW160-BF_Nss4,(MCS0)_4TX	16.75	0.04732	20.13	0.10304

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	-	-	-	-	-	-	-	-	-	-
5935MHz	Pass	3.86	-4.01	-3.86	-3.96	-4.01	2.06	Inf	5.92	30.00
5955MHz	Pass	3.86	1.61	1.63	1.44	1.64	7.60	Inf	11.46	30.00
6175MHz	Pass	3.86	1.41	1.24	2.15	1.77	7.68	Inf	11.54	30.00
6415MHz	Pass	3.86	1.1	1.35	1.27	1.17	7.24	Inf	11.10	30.00
6435MHz	Pass	4.27	0.81	1.21	1.01	0.79	6.98	Inf	11.25	30.00
6475MHz	Pass	4.27	0.79	1.2	0.87	0.8	6.94	Inf	11.21	30.00
6515MHz	Pass	4.27	0.7	1.39	0.92	1.09	7.05	Inf	11.32	30.00
6535MHz	Pass	5.33	-0.14	0.45	0.06	0	6.12	Inf	11.45	30.00
6715MHz	Pass	5.33	0.18	0.8	-0.48	-0.87	5.98	Inf	11.31	30.00
6855MHz	Pass	5.33	0.1	0.65	0.1	0.06	6.26	Inf	11.59	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	5.33	-0.16	0.26	0.03	-0.19	6.01	Inf	11.34	30.00
6895MHz	Pass	3.38	2.31	2.51	2.16	2.13	8.30	Inf	11.68	30.00
7015MHz	Pass	3.38	2.26	2.07	1.97	1.69	8.02	Inf	11.40	30.00
7095MHz	Pass	3.38	2.06	2.1	2.05	1.66	7.99	Inf	11.37	30.00
7115MHz	Pass	3.38	-0.7	-0.76	-0.83	-1.07	5.18	Inf	8.56	30.00
802.11ax HEW40-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	3.86	3.99	4.8	5.19	5.15	10.83	Inf	14.69	30.00
6165MHz	Pass	3.86	3.1	4.43	5.41	5.36	10.69	Inf	14.55	30.00
6405MHz	Pass	3.86	3.54	5.03	4.59	5.15	10.64	Inf	14.50	30.00
6445MHz	Pass	4.27	3.55	4.73	4.45	4.93	10.47	Inf	14.74	30.00
6485MHz	Pass	4.27	3.64	4.84	4.65	5.09	10.61	Inf	14.88	30.00
6525MHz Straddle 6.525-6.875GHz	Pass	5.33	2.1	3.7	3.41	3.79	9.32	Inf	14.65	30.00
6565MHz	Pass	5.33	2.33	4	3.38	3.93	9.48	Inf	14.81	30.00
6725MHz	Pass	5.33	2.7	4.32	3.19	3.89	9.59	Inf	14.92	30.00
6845MHz	Pass	5.33	2.75	4.19	3.1	3.13	9.35	Inf	14.68	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	5.33	3.03	4.15	3.13	3.34	9.46	Inf	14.79	30.00
6925MHz	Pass	3.38	5	5.71	4.81	5.54	11.30	Inf	14.68	30.00
7005MHz	Pass	3.38	5.11	5.81	4.94	5.65	11.41	Inf	14.79	30.00
7085MHz	Pass	3.38	5.65	6.21	5.16	5.69	11.71	Inf	15.09	30.00
802.11ax HEW80-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	3.86	7.24	8.11	8.59	8.54	14.17	Inf	18.03	30.00
6145MHz	Pass	3.86	6.23	7.74	8.37	8.2	13.73	Inf	17.59	30.00
6385MHz	Pass	3.86	6.54	8.45	7.83	8.03	13.79	Inf	17.65	30.00
6465MHz	Pass	4.27	6.57	8.09	7.51	8.26	13.68	Inf	17.95	30.00
6545MHz Straddle	Pass	5.33	5.5	6.86	6.59	6.93	12.53	Inf	17.86	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)
6.525-6.875GHz										
6625MHz	Pass	5.33	5.85	7.09	6.34	6.95	12.61	Inf	17.94	30.00
6705MHz	Pass	5.33	6.16	7.51	6.21	7.04	12.79	Inf	18.12	30.00
6785MHz	Pass	5.33	6.09	7.04	6.01	6.51	12.45	Inf	17.78	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.33	6.86	7.06	6.1	6.66	12.71	Inf	18.04	30.00
6945MHz	Pass	3.38	8.11	9.03	8.04	8.61	14.49	Inf	17.87	30.00
7025MHz	Pass	3.38	8.63	9.06	8.01	8.79	14.66	Inf	18.04	30.00
802.11ax HEW160-BF_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	3.86	9.29	10.8	10.99	11.11	16.63	Inf	20.49	30.00
6185MHz	Pass	3.86	8.8	10.3	11.04	11.04	16.41	Inf	20.27	30.00
6345MHz	Pass	3.86	9.55	10.76	10.51	10.79	16.45	Inf	20.31	30.00
6505MHz Straddle 6.525-6.875GHz	Pass	5.33	8.31	9.4	9.44	9.64	15.25	Inf	20.58	30.00
6665MHz	Pass	5.33	8.17	9.33	8.6	9.09	14.84	Inf	20.17	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	5.33	8.73	9.21	8.41	8.94	14.85	Inf	20.18	30.00
6985MHz	Pass	3.38	10.34	11.14	10.33	11.03	16.75	Inf	20.13	30.00

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

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

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5925 ~ 6425MHz	6425 ~ 6525MHz	6525 ~ 6875MHz	6875 ~ 7125MHz
4	3.47	3.78	4.25	3.15
6	4.12	4.54	5.23	3.27
7	3.63	3.8	4.37	3.21
8	4.02	4.87	6.83	3.5
Directional Gain (dBi)	3.82	4.27	5.3	3.28

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5925 ~ 6425MHz	6425 ~ 6525MHz	6525 ~ 6875MHz	6875 ~ 7125MHz
5	4.03	4.15	4.9	3.18
7	3.63	3.8	4.37	3.21
8	4.02	4.87	6.83	3.5
9	3.73	4.1	4.79	3.61
Directional Gain (dBi)	3.86	4.25	5.33	3.38

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	0.94	4.80
802.11ax HEW40_Nss4,(MCS0)_4TX	1.00	4.86
802.11ax HEW80_Nss4,(MCS0)_4TX	1.02	4.88
802.11ax HEW160_Nss4,(MCS0)_4TX	0.90	4.76
6.425-6.525GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	0.34	4.61
802.11ax HEW40_Nss4,(MCS0)_4TX	0.64	4.91
802.11ax HEW80_Nss4,(MCS0)_4TX	0.44	4.71
6.525-6.875GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	-0.57	4.76
802.11ax HEW40_Nss4,(MCS0)_4TX	-0.43	4.90
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.54	4.79
802.11ax HEW160_Nss4,(MCS0)_4TX	-0.51	4.82
6.875-7.125GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	1.30	4.68
802.11ax HEW40_Nss4,(MCS0)_4TX	1.50	4.88
802.11ax HEW80_Nss4,(MCS0)_4TX	1.34	4.72
802.11ax HEW160_Nss4,(MCS0)_4TX	1.23	4.61

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)
802.11ax HEW20_Nss4,(MCS0)_4TX										
5935MHz	Pass	3.86	-10.61	-10.35	-10.79	-10.10	-4.75	Inf	-0.89	5.00
5955MHz	Pass	3.86	-4.87	-4.98	-4.92	-4.93	0.87	Inf	4.73	5.00
6175MHz	Pass	3.86	-5.32	-5.21	-4.26	-4.77	0.94	Inf	4.80	5.00
6415MHz	Pass	3.86	-5.15	-4.64	-4.80	-5.05	0.74	Inf	4.60	5.00
6435MHz	Pass	4.27	-5.65	-5.21	-5.32	-5.71	0.34	Inf	4.61	5.00
6475MHz	Pass	4.27	-5.76	-5.19	-5.55	-5.25	0.24	Inf	4.51	5.00
6515MHz	Pass	4.27	-6.01	-5.28	-5.51	5.17	0.23	Inf	4.50	5.00
6535MHz	Pass	5.33	-6.60	-6.03	-6.52	-6.50	-0.57	Inf	4.76	5.00
6715MHz	Pass	5.33	-6.48	-5.41	-7.04	-7.41	-0.60	Inf	4.73	5.00
6855MHz	Pass	5.33	-6.84	-6.06	-6.75	-6.41	-0.84	Inf	4.49	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	5.33	-6.64	-6.15	-6.54	-6.61	-0.65	Inf	4.68	5.00
6895MHz	Pass	3.38	-4.32	-4.28	-4.84	-4.45	1.25	Inf	4.63	5.00
7015MHz	Pass	3.38	-4.65	-4.71	-5.36	-5.07	0.92	Inf	4.30	5.00
7095MHz	Pass	3.38	-4.57	-4.53	-4.57	-4.92	1.30	Inf	4.68	5.00
7115MHz	Pass	3.38	-7.30	-7.12	-7.59	-7.70	-1.55	Inf	1.83	5.00
802.11ax HEW40_Nss4,(MCS0)_4TX										
5965MHz	Pass	3.86	-5.98	-4.84	-4.50	-4.69	0.91	Inf	4.77	5.00
6165MHz	Pass	3.86	-6.40	-4.98	-4.05	-3.84	1.00	Inf	4.86	5.00
6405MHz	Pass	3.86	-5.72	-4.38	-4.91	-4.39	0.80	Inf	4.66	5.00
6445MHz	Pass	4.27	-5.97	-4.71	-4.76	-4.68	0.61	Inf	4.88	5.00
6485MHz	Pass	4.27	-6.09	-4.99	-5.07	-4.69	0.64	Inf	4.91	5.00
6525MHz Straddle 6.525-6.875GHz	Pass	5.33	-7.53	-5.94	-6.13	-5.62	-0.56	Inf	4.77	5.00
6565MHz	Pass	5.33	-7.29	-5.57	-6.27	-5.55	-0.44	Inf	4.89	5.00
6725MHz	Pass	5.33	-7.04	-5.54	-6.71	-6.04	-0.48	Inf	4.85	5.00
6845MHz	Pass	5.33	-6.84	-5.34	-6.54	-6.57	-0.61	Inf	4.72	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	5.33	-6.55	-5.54	-6.42	-6.30	-0.43	Inf	4.90	5.00
6925MHz	Pass	3.38	-4.32	-3.82	-4.60	-4.11	1.38	Inf	4.76	5.00
7005MHz	Pass	3.38	-4.64	-3.84	-4.89	-4.15	1.49	Inf	4.87	5.00
7085MHz	Pass	3.38	-4.49	-3.94	-4.97	-4.28	1.50	Inf	4.88	5.00
802.11ax HEW80_Nss4,(MCS0)_4TX										
5985MHz	Pass	3.86	-5.76	-5.02	-4.43	-4.48	0.97	Inf	4.83	5.00
6145MHz	Pass	3.86	-6.74	-5.26	-4.42	-4.44	0.62	Inf	4.48	5.00
6385MHz	Pass	3.86	-5.92	-3.93	-4.67	-4.47	1.02	Inf	4.88	5.00
6465MHz	Pass	4.27	-6.37	-5.03	-5.56	-4.76	0.44	Inf	4.71	5.00
6545MHz Straddle 6.525-6.875GHz	Pass	5.33	-7.45	-6.05	-6.52	-6.08	-0.77	Inf	4.56	5.00
6625MHz	Pass	5.33	-7.15	-5.94	-6.81	-6.14	-0.67	Inf	4.66	5.00

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)
6705MHz	Pass	5.33	-6.94	-5.59	-6.85	-6.18	-0.54	Inf	4.79	5.00
6785MHz	Pass	5.33	-6.67	-5.58	-7.02	-6.49	-0.71	Inf	4.62	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.33	-6.84	-5.82	-6.84	-6.14	-0.59	Inf	4.74	5.00
6945MHz	Pass	3.38	-4.96	-4.05	-5.08	-4.26	1.34	Inf	4.72	5.00
7025MHz	Pass	3.38	-4.77	-4.24	-5.24	-4.48	1.28	Inf	4.66	5.00
802.11ax HEW160_Nss4,(MCS0)_4TX										
6025MHz	Pass	3.86	-6.29	-4.84	-4.42	-4.19	0.80	Inf	4.66	5.00
6185MHz	Pass	3.86	-6.57	-5.13	-3.94	-3.98	0.90	Inf	4.76	5.00
6345MHz	Pass	3.86	-5.59	-4.53	-4.64	-4.44	0.85	Inf	4.71	5.00
6505MHz Straddle 6.525-6.875GHz	Pass	5.33	-7.23	-5.79	-5.96	-5.58	-0.51	Inf	4.82	5.00
6665MHz	Pass	5.33	-7.06	-5.56	-6.77	-6.21	-0.64	Inf	4.69	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	5.33	-6.61	-5.77	-7.07	-6.40	-0.64	Inf	4.69	5.00
6985MHz	Pass	3.38	-5.01	-4.35	-5.01	-4.27	1.23	Inf	4.61	5.00

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;

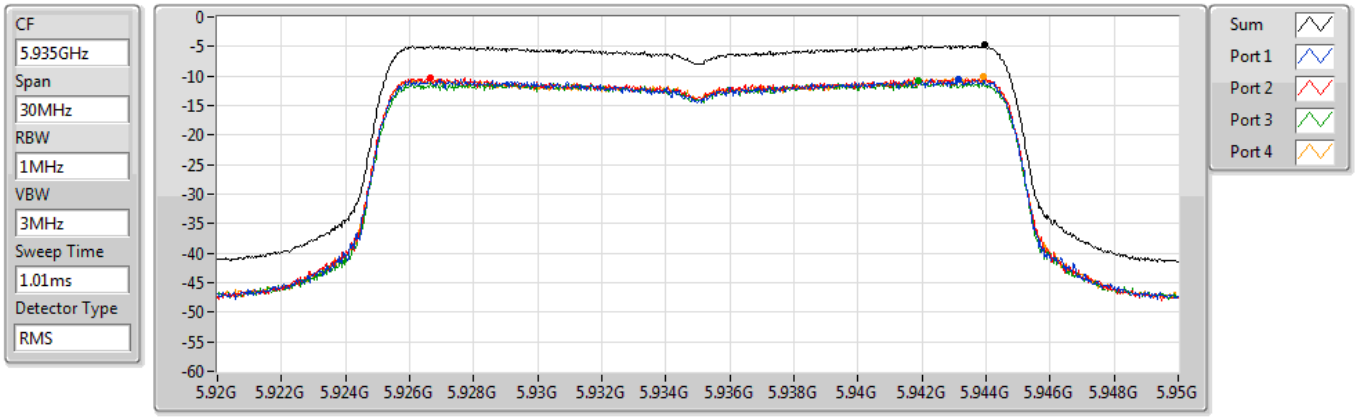
Directional Gain = 10 log $[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5925 ~ 6425MHz	6425 ~ 6525MHz	6525 ~ 6875MHz	6875 ~ 7125MHz
4	3.47	3.78	4.25	3.15
6	4.12	4.54	5.23	3.27
7	3.63	3.8	4.37	3.21
8	4.02	4.87	6.83	3.5
Directional Gain (dBi)	3.82	4.27	5.3	3.28

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5925 ~ 6425MHz	6425 ~ 6525MHz	6525 ~ 6875MHz	6875 ~ 7125MHz
5	4.03	4.15	4.9	3.18
7	3.63	3.8	4.37	3.21
8	4.02	4.87	6.83	3.5
9	3.73	4.1	4.79	3.61
Directional Gain (dBi)	3.86	4.25	5.33	3.38

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

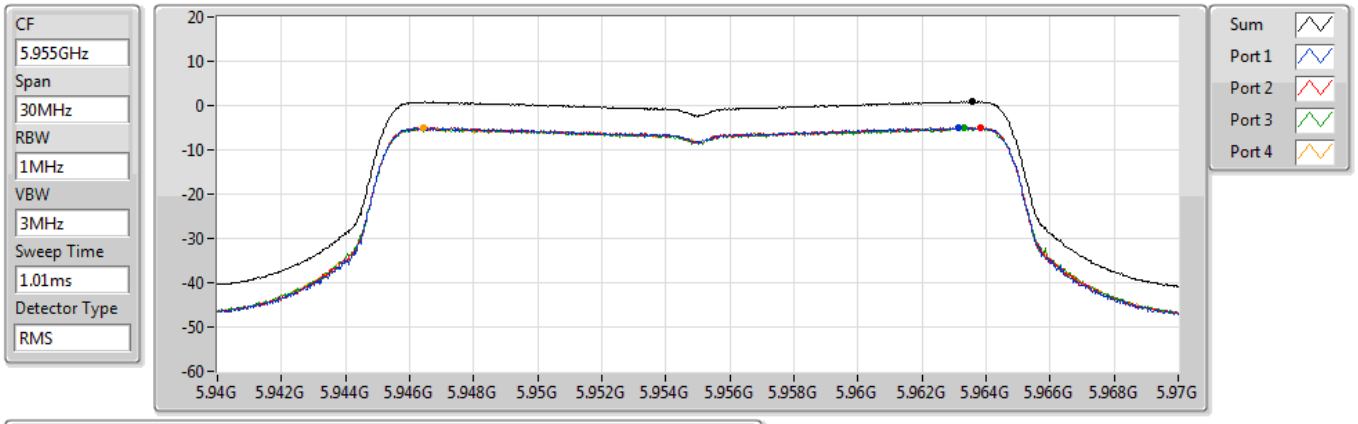
5935MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.75	-4.75	-10.61	-10.35	-10.79	-10.10

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

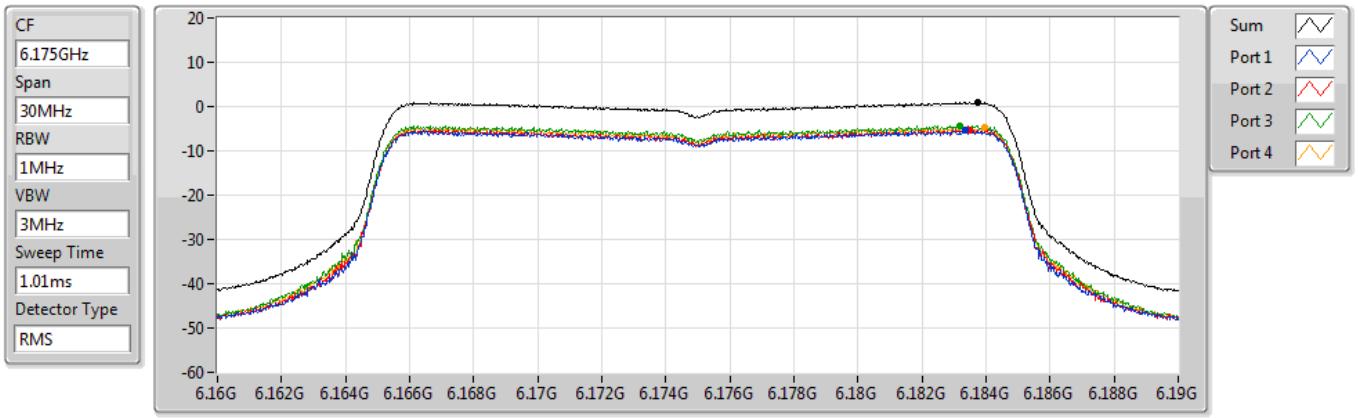
5955MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	-4.87	-4.98	-4.92	-4.93

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

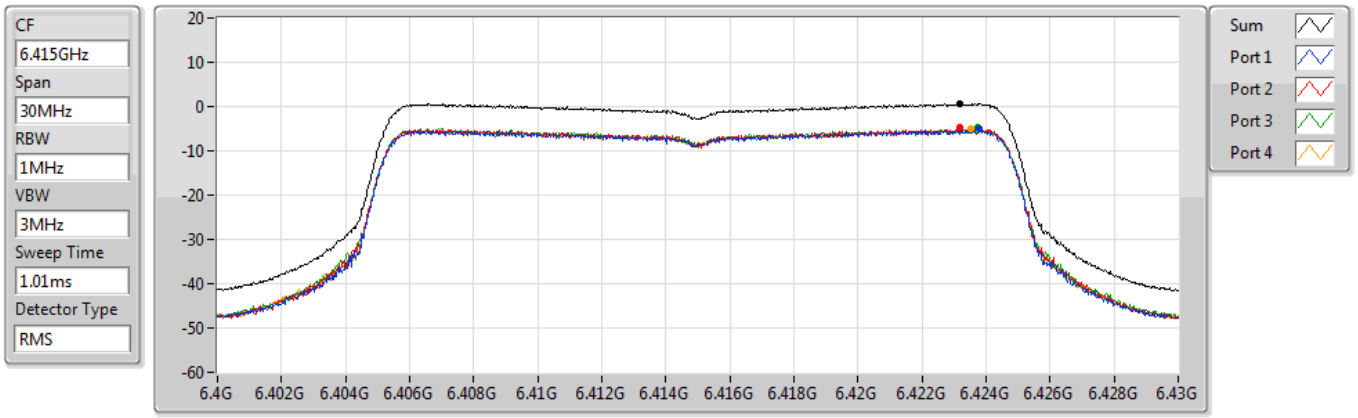
6175MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.94	0.94	-5.32	-5.21	-4.26	-4.77

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

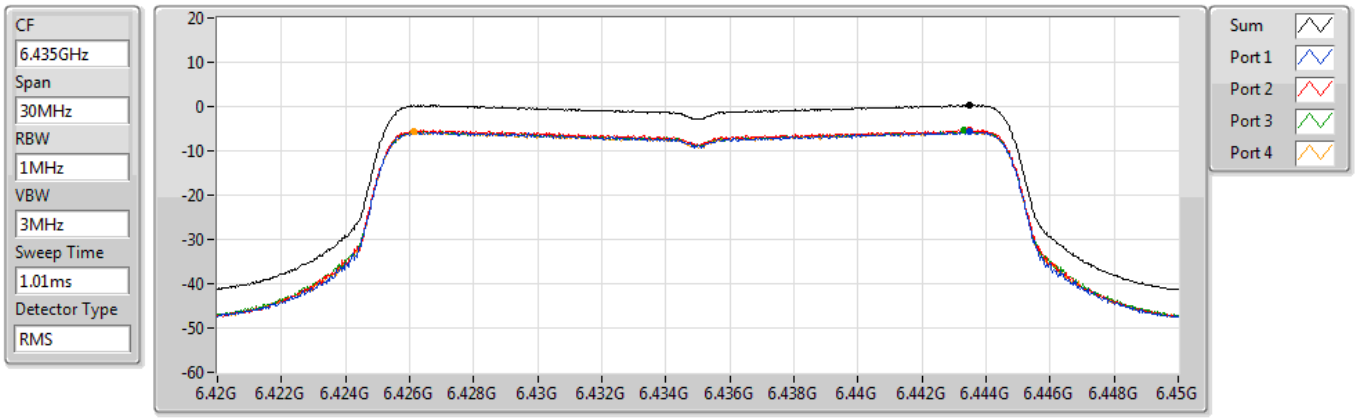
6415MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.74	0.74	-5.15	-4.64	-4.80	-5.05

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

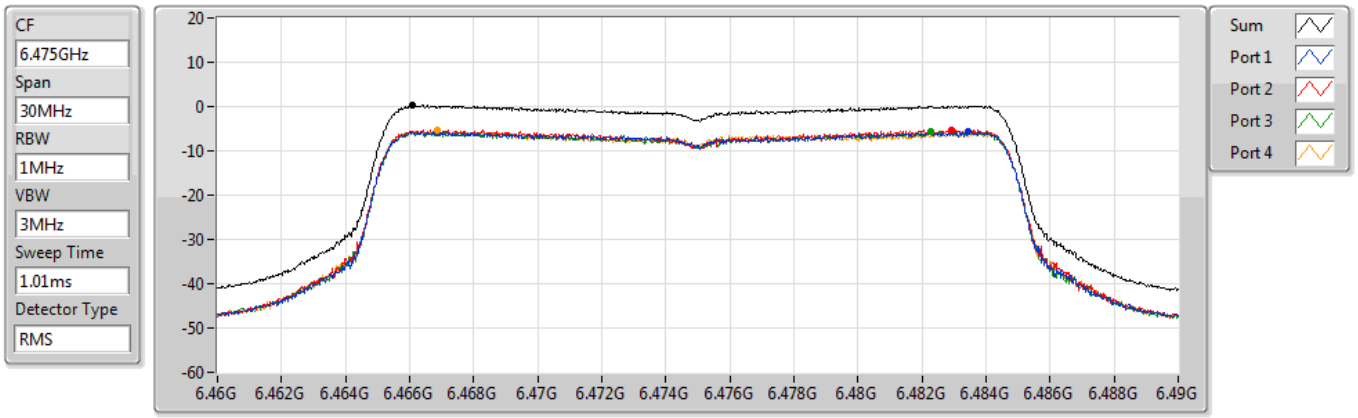
6435MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.34	0.34	-5.65	-5.21	-5.32	-5.71

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

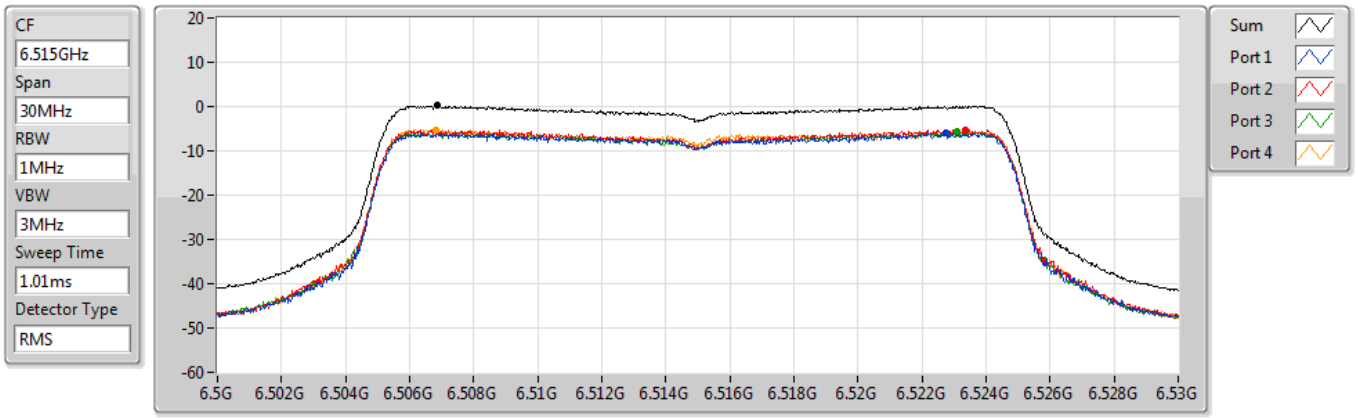
6475MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.24	0.24	-5.76	-5.19	-5.55	-5.25

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

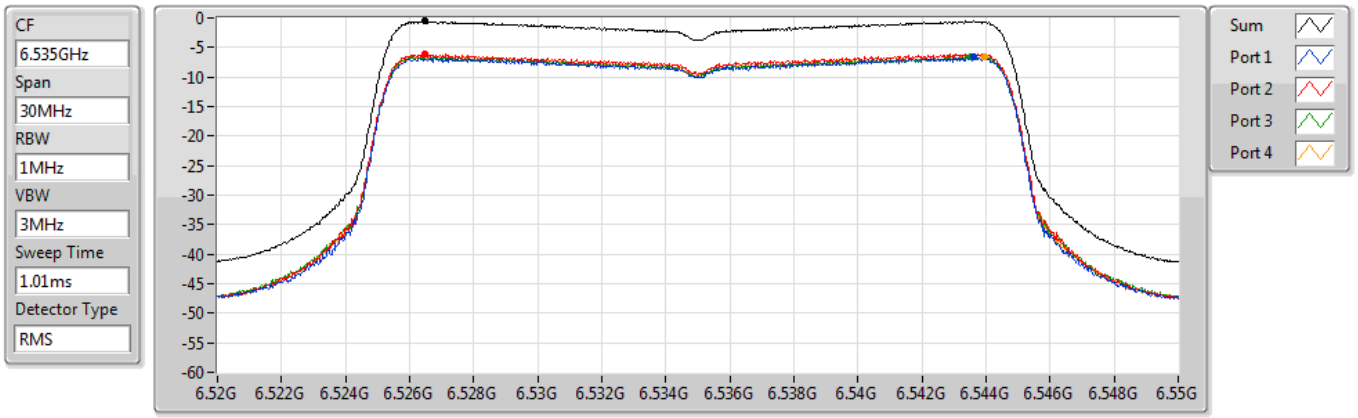
6515MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.23	0.23	-6.01	-5.28	-5.51	-5.17

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

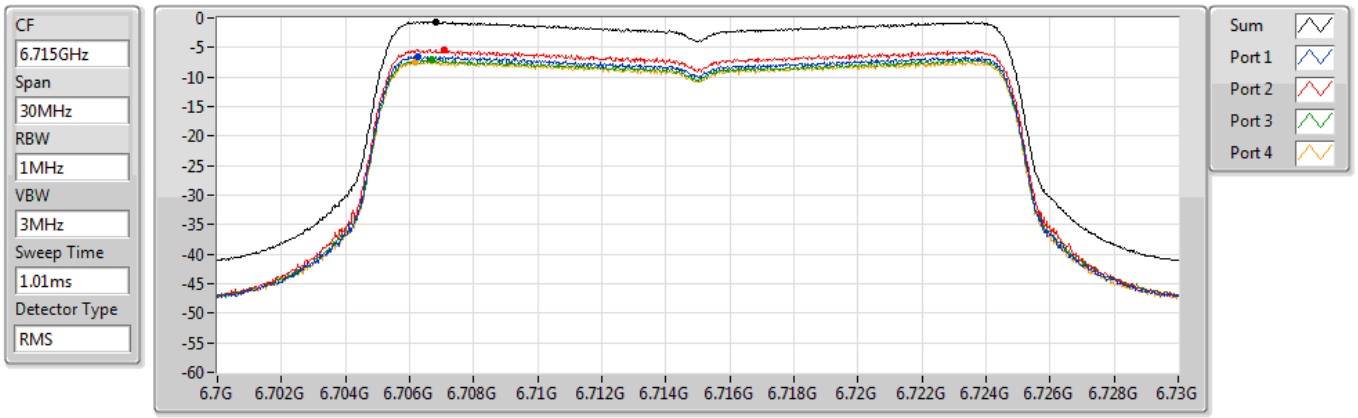
6535MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.57	-0.57	-6.60	-6.03	-6.52	-6.50

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

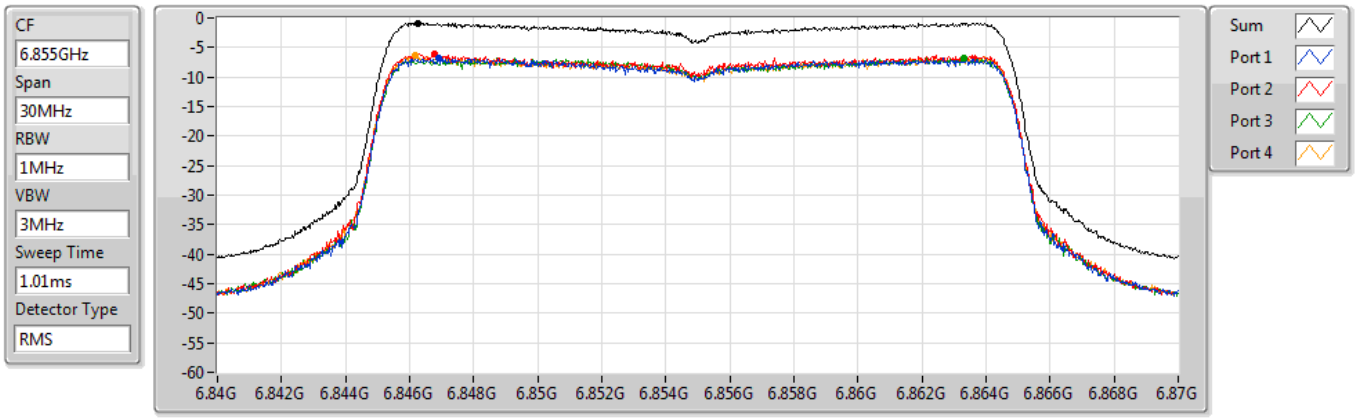
6715MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.60	-0.60	-6.48	-5.41	-7.04	-7.41

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

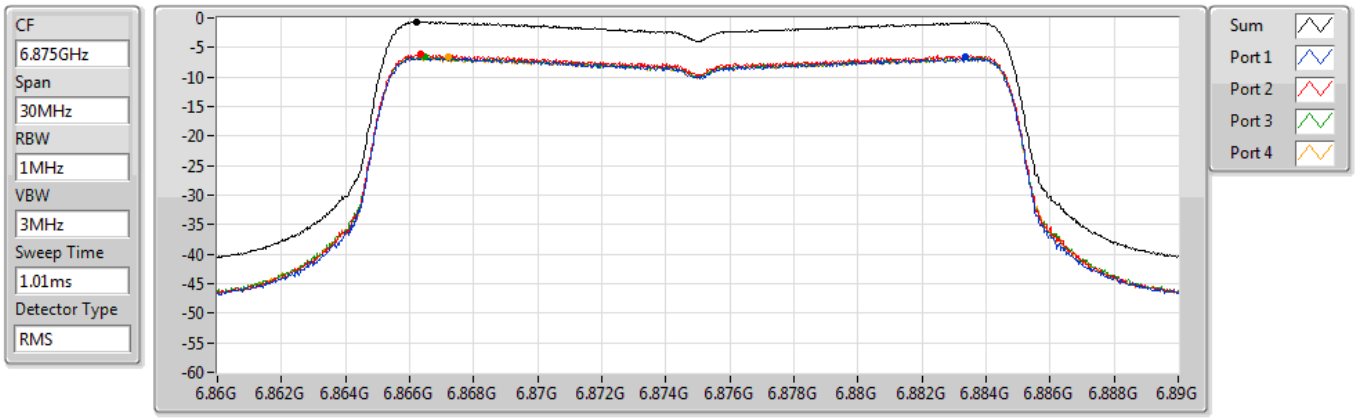
6855MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.84	-0.84	-6.84	-6.06	-6.75	-6.41

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

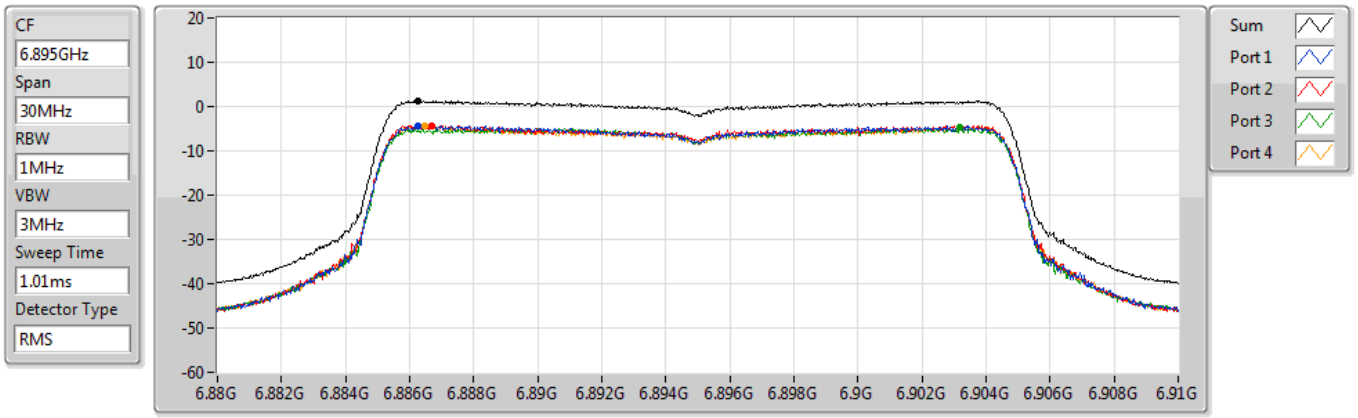
6875MHz Straddle 6.525-6.875GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-6.64	-6.15	-6.54	-6.61

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

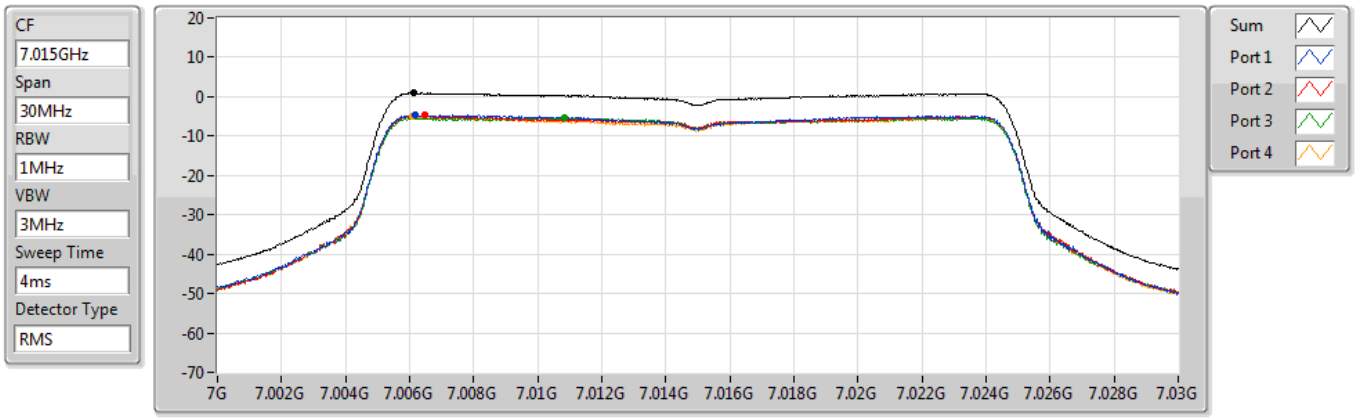
6895MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.25	1.25	-4.32	-4.28	-4.84	-4.45

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

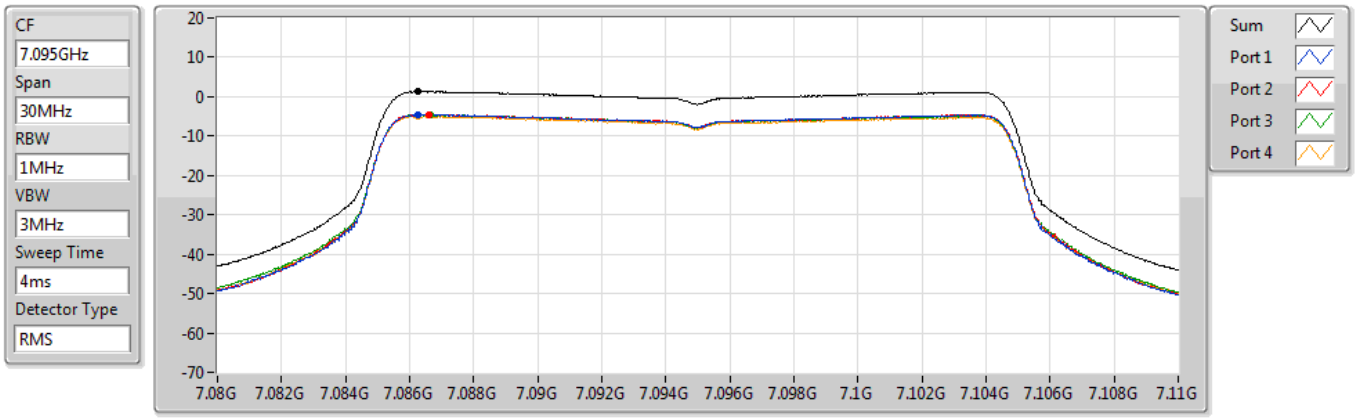
7015MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.92	0.92	-4.65	-4.71	-5.36	-5.07

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

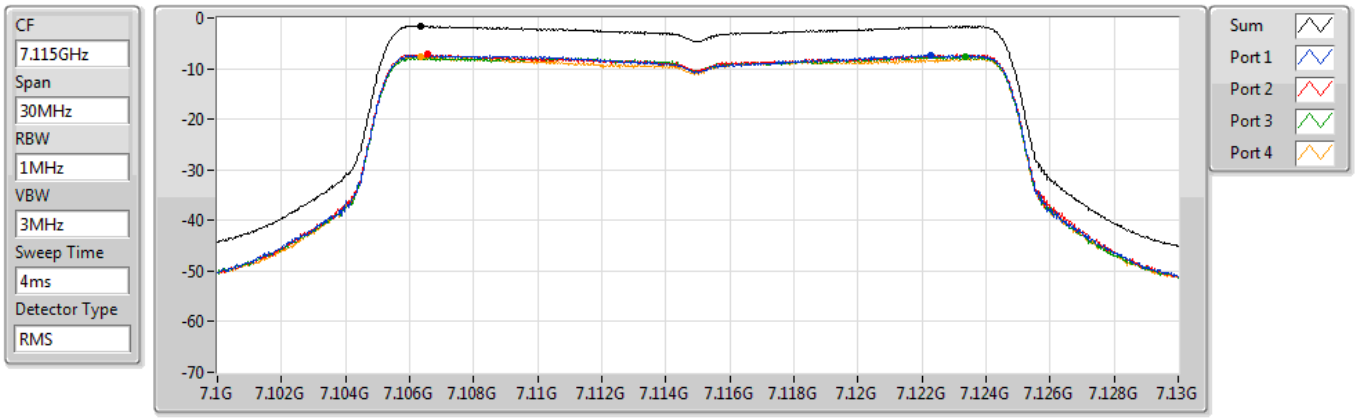
7095MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.30	1.30	-4.57	-4.53	-4.57	-4.92

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

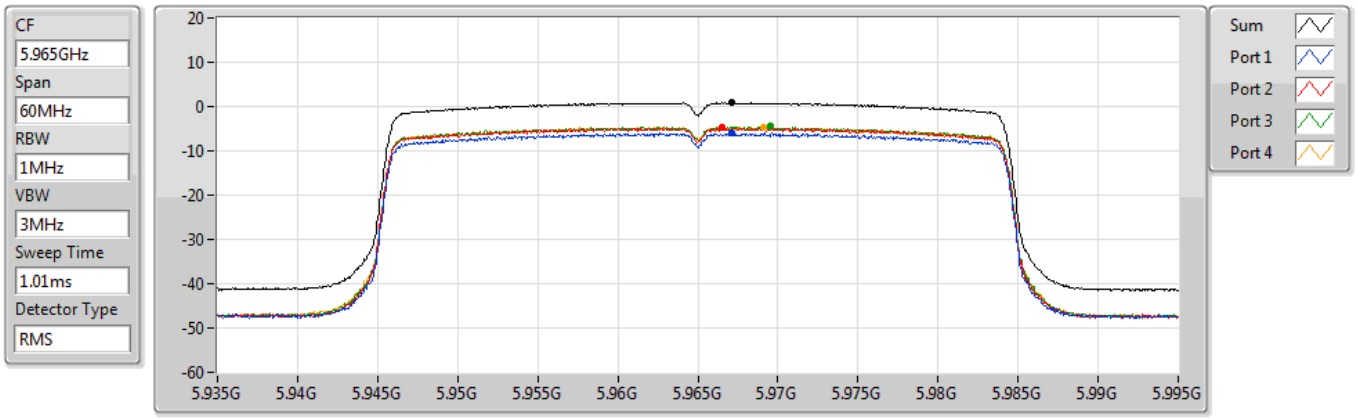
7115MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.55	-1.55	-7.30	-7.12	-7.59	-7.70

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

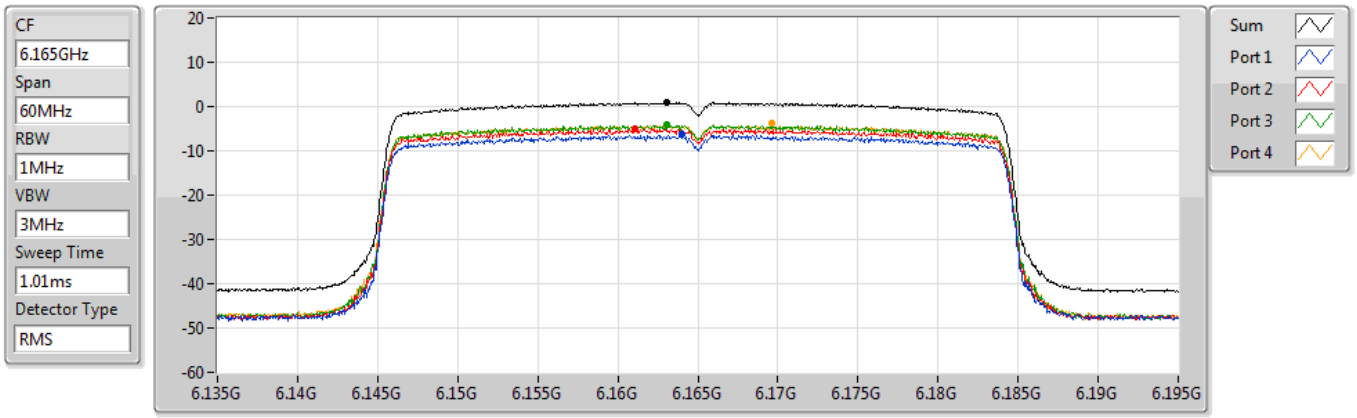
5965MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.91	0.91	-5.98	-4.84	-4.50	-4.69

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

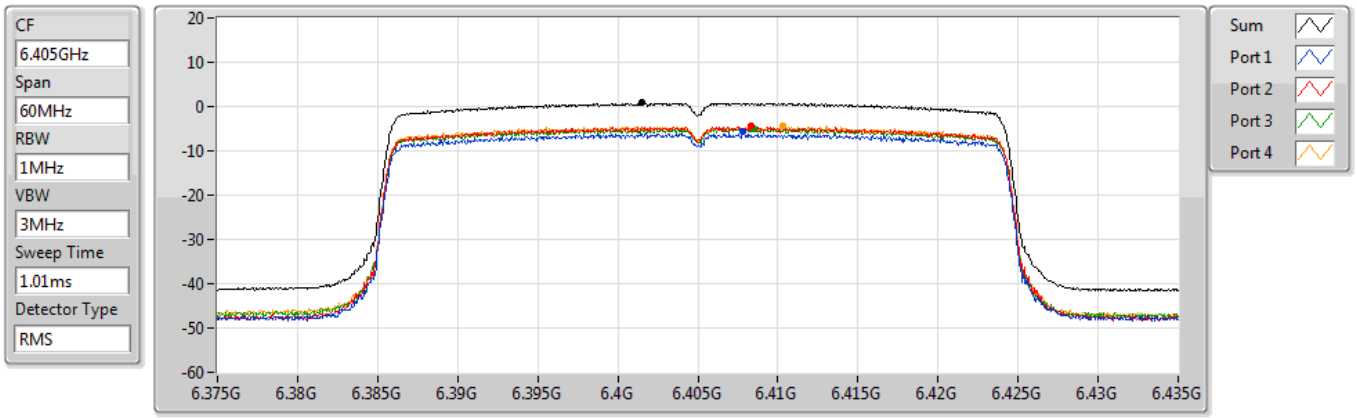
6165MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.00	1.00	-6.40	-4.98	-4.05	-3.84

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

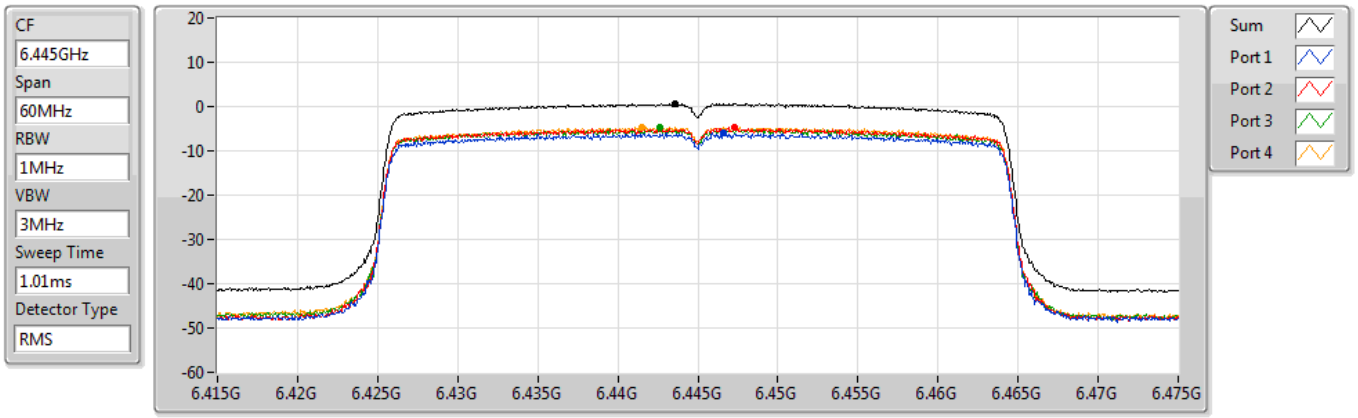
6405MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.80	0.80	-5.72	-4.38	-4.91	-4.39

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

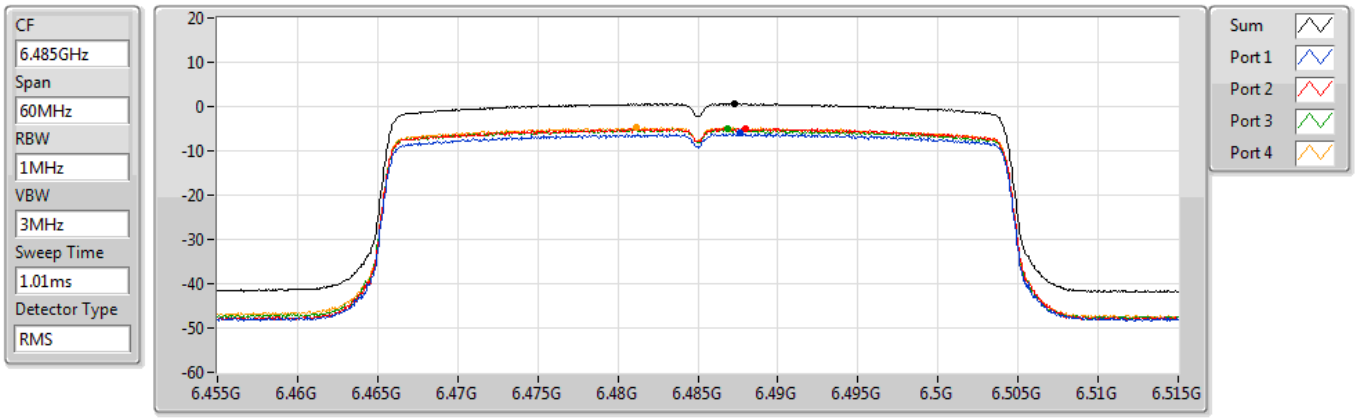
6445MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.61	0.61	-5.97	-4.71	-4.76	-4.68

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

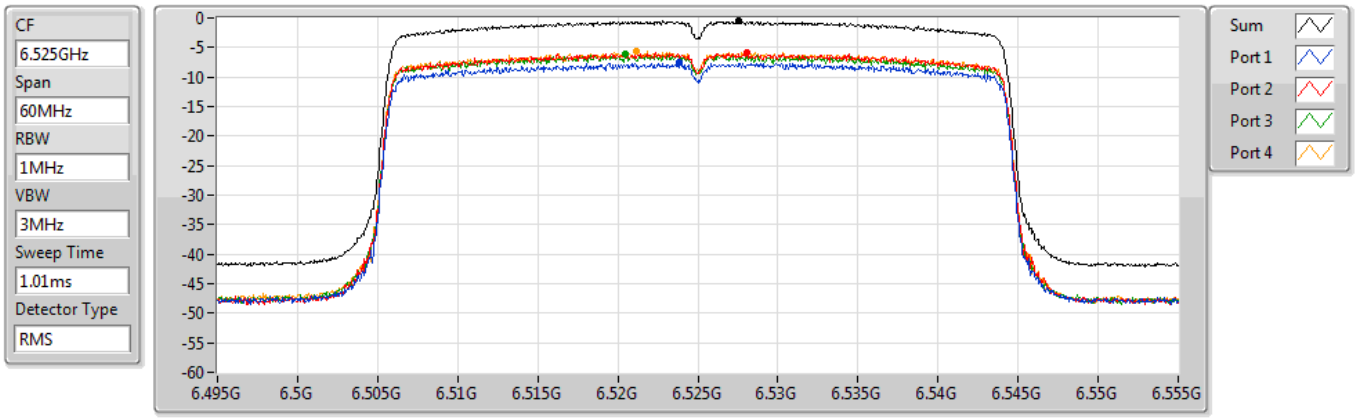
6485MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.64	0.64	-6.09	-4.99	-5.07	-4.69

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

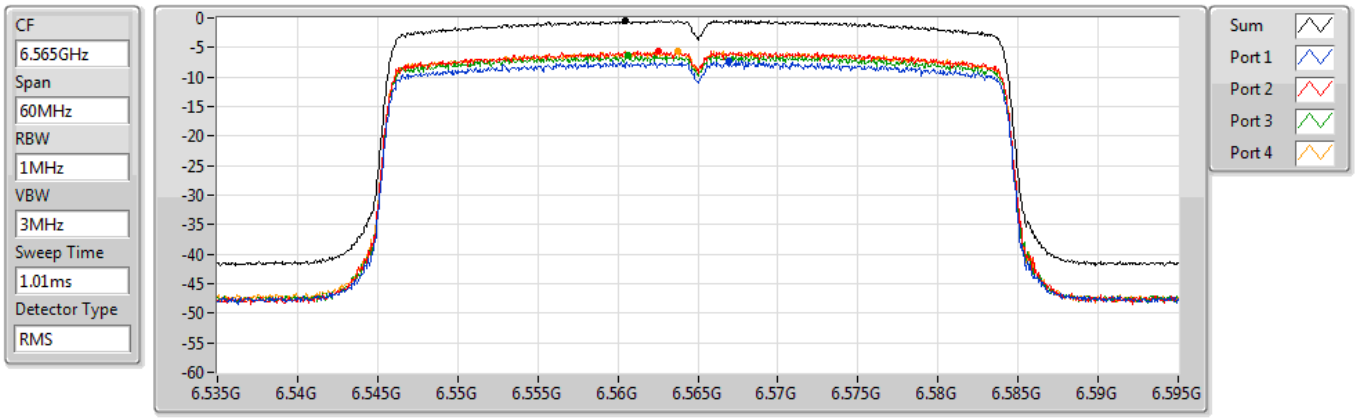
6525MHz Straddle 6.525-6.875GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.56	-0.56	-7.53	-5.94	-6.13	-5.62

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

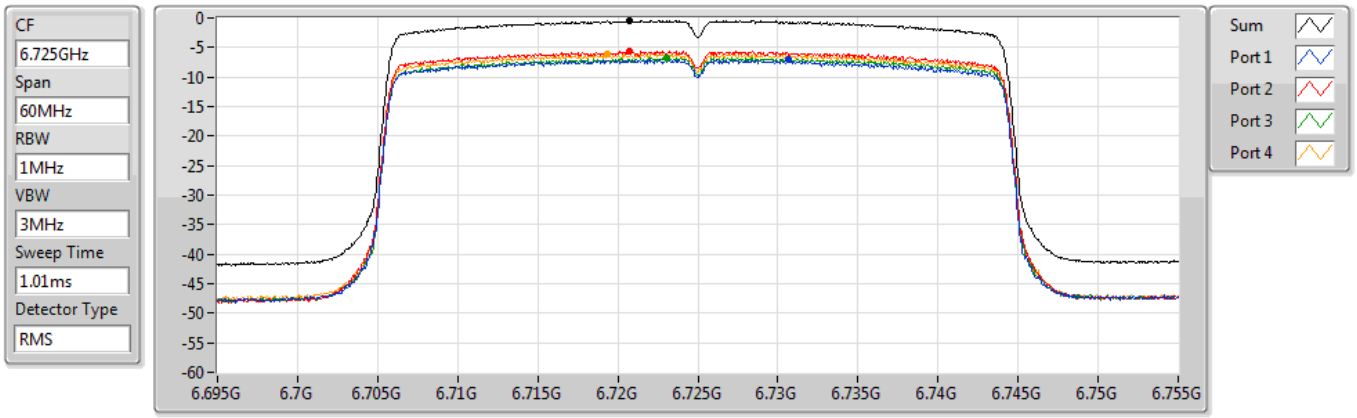
6565MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.44	-0.44	-7.29	-5.57	-6.27	-5.55

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

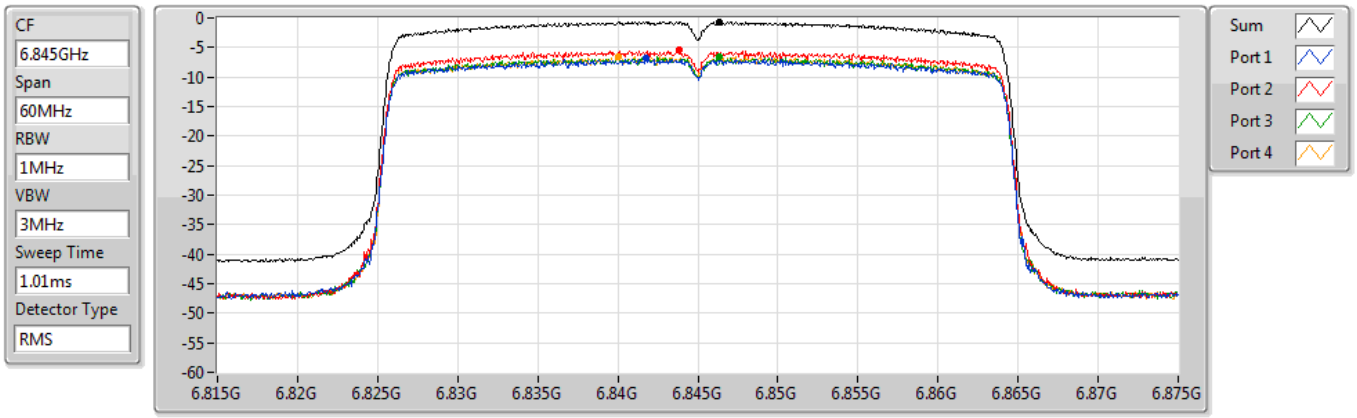
6725MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-7.04	-5.54	-6.71	-6.04

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

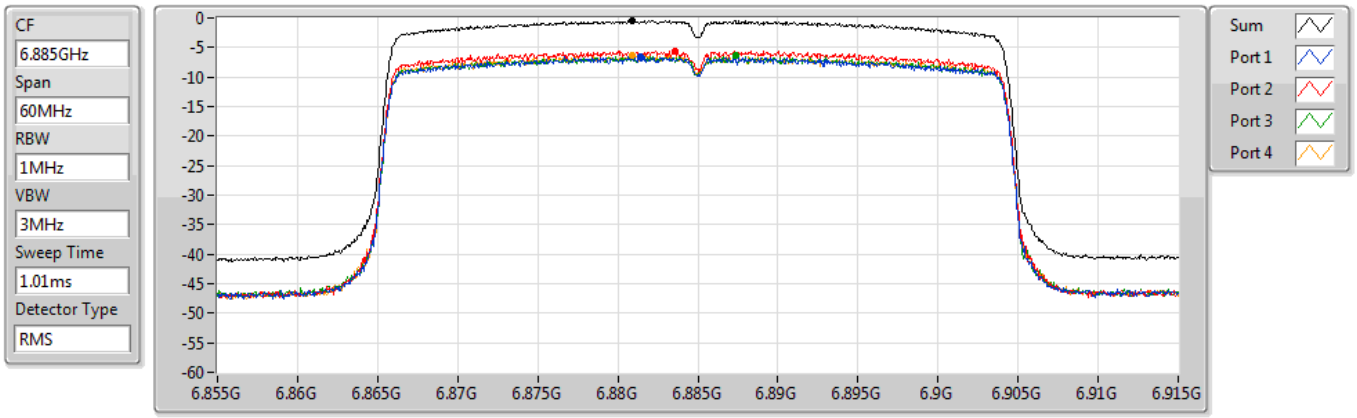
6845MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-6.84	-5.34	-6.54	-6.57

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

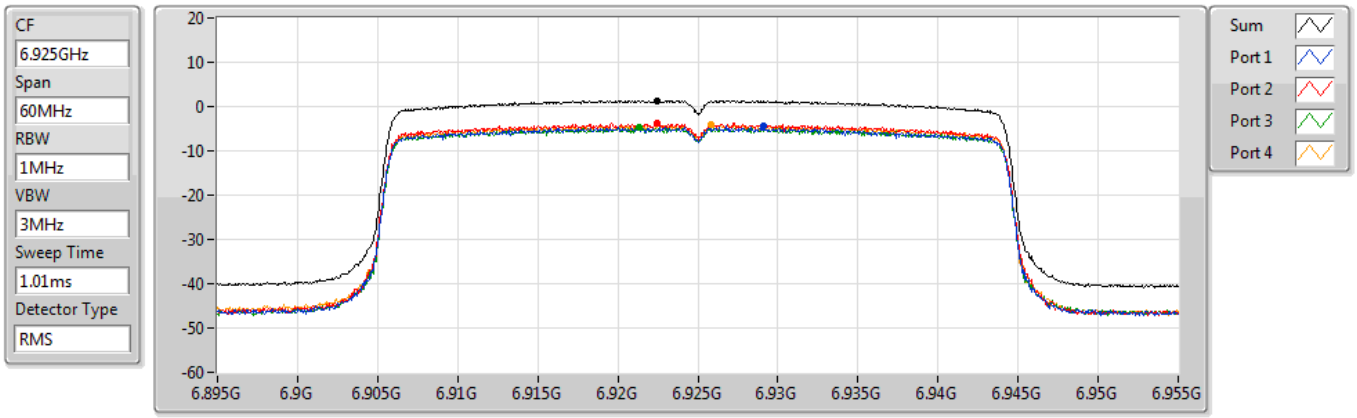
6885MHz Straddle 6.525-6.875GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.43	-0.43	-6.55	-5.54	-6.42	-6.30

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

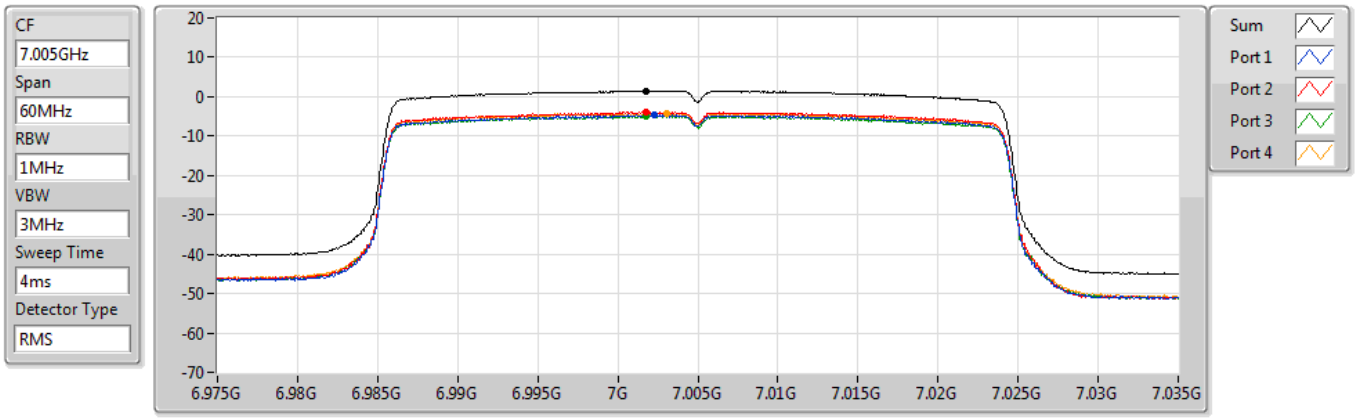
6925MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.38	1.38	-4.32	-3.82	-4.60	-4.11

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

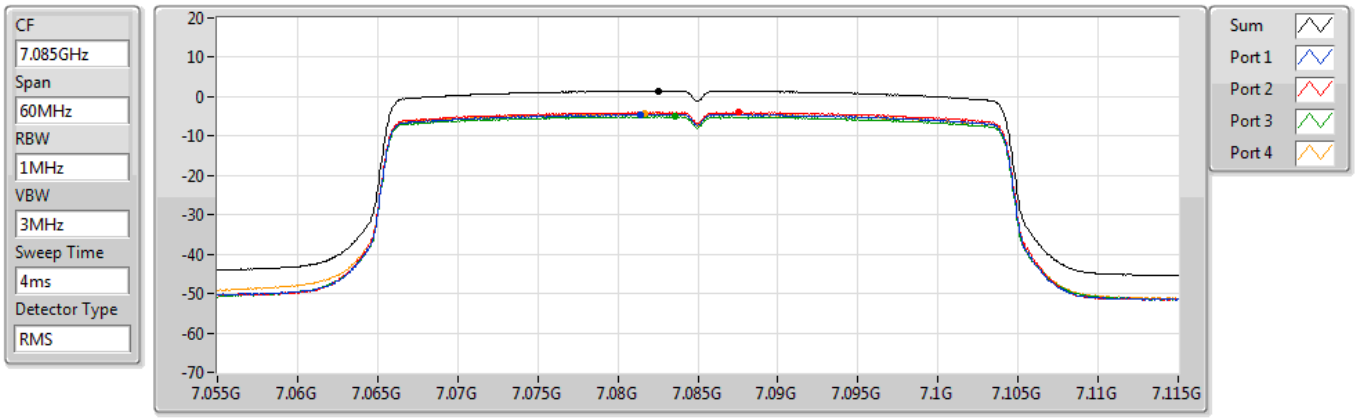
7005MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.49	1.49	-4.64	-3.84	-4.89	-4.15

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

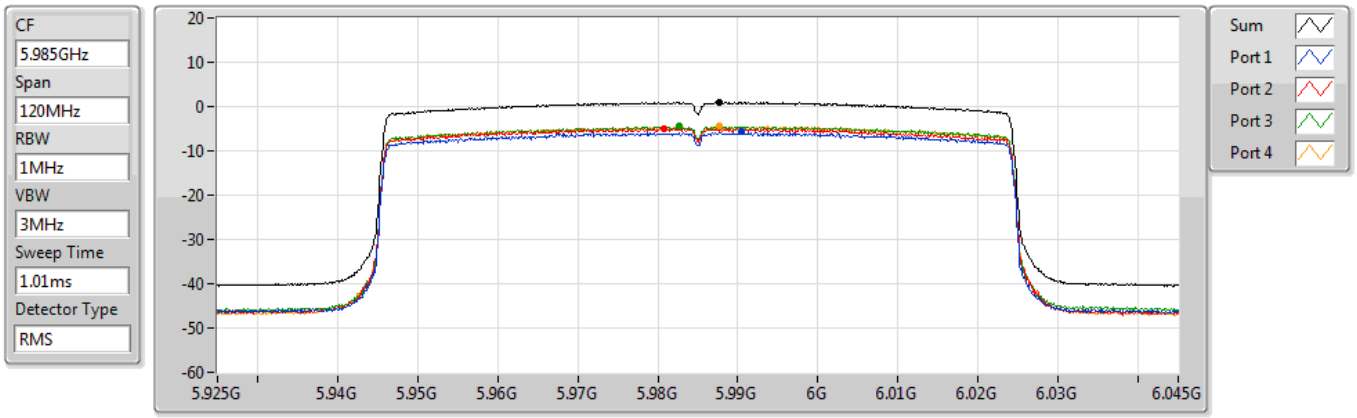
7085MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.50	1.50	-4.49	-3.94	-4.97	-4.28

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

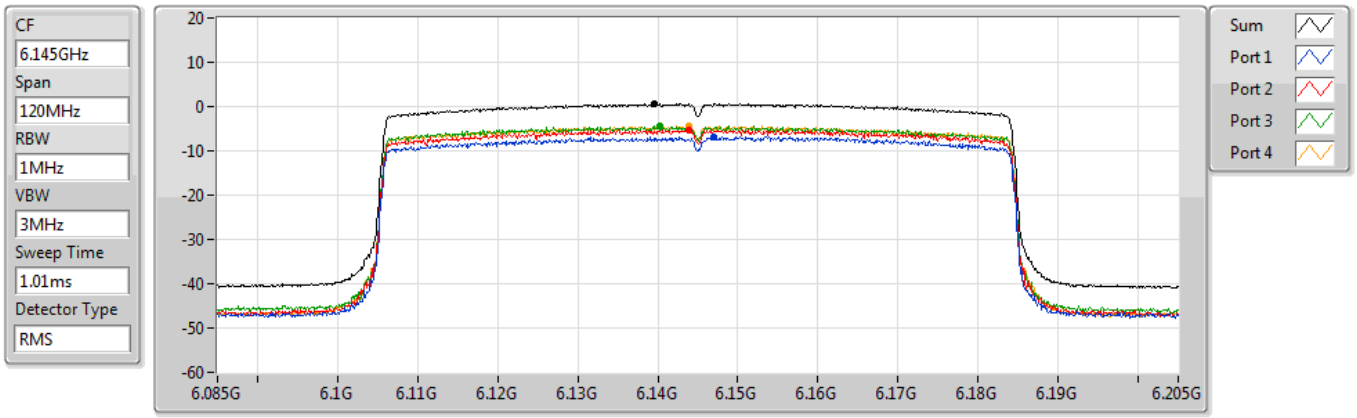
5985MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.97	0.97	-5.76	-5.02	-4.43	-4.48

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

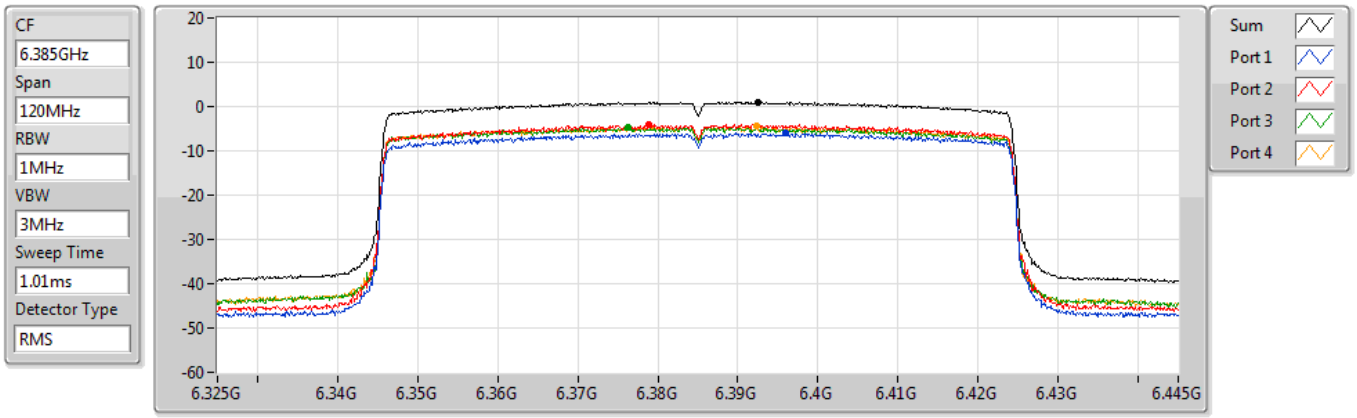
6145MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-6.74	-5.26	-4.42	-4.44

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

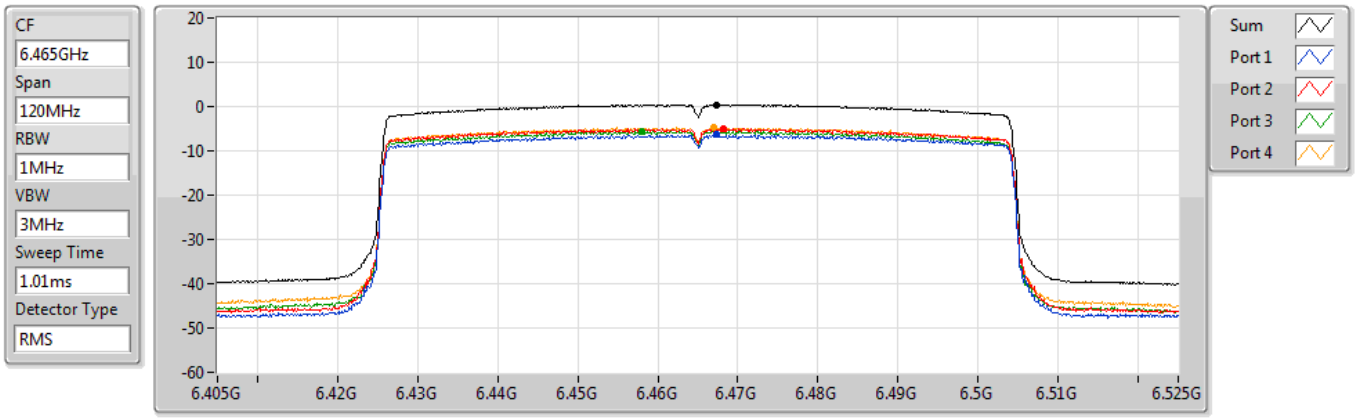
6385MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.02	1.02	-5.92	-3.93	-4.67	-4.47

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

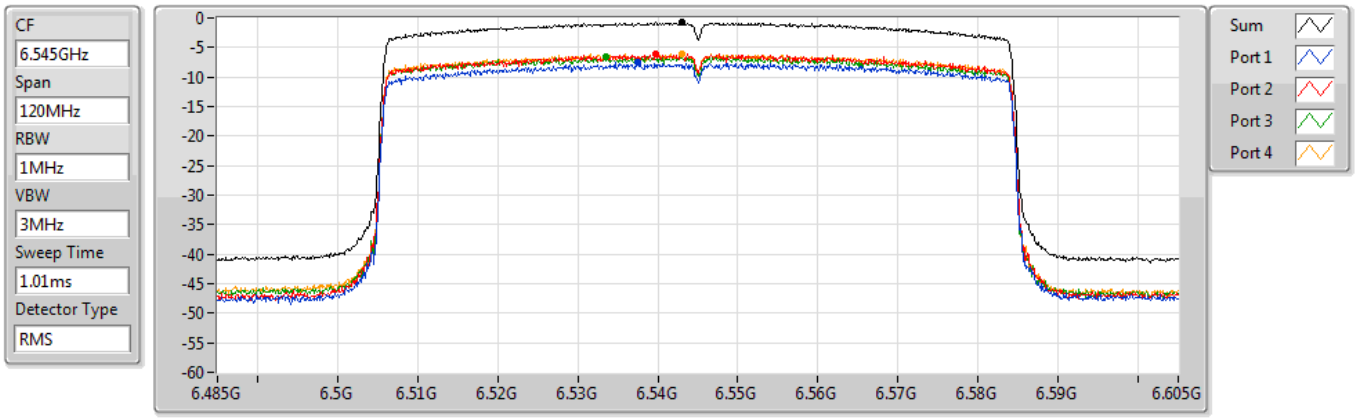
6465MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.44	0.44	-6.37	-5.03	-5.56	-4.76

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

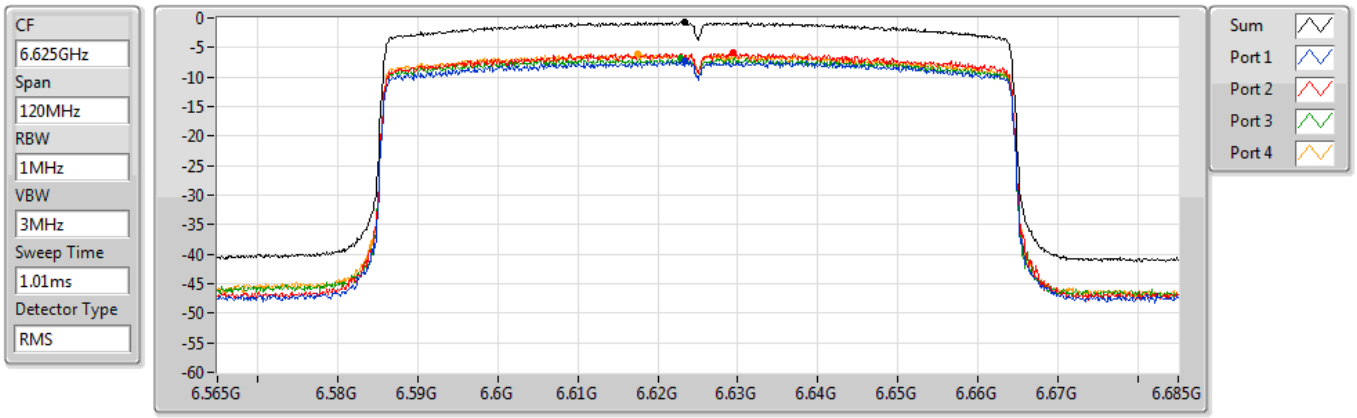
6545MHz Straddle 6.525-6.875GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.77	-0.77	-7.45	-6.05	-6.52	-6.08

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

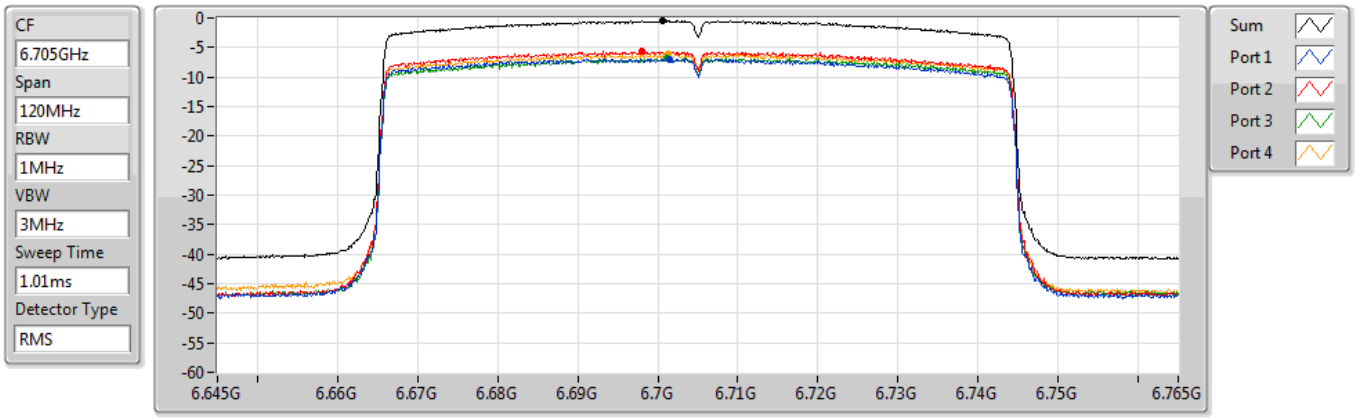
6625MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.67	-0.67	-7.15	-5.94	-6.81	-6.14

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

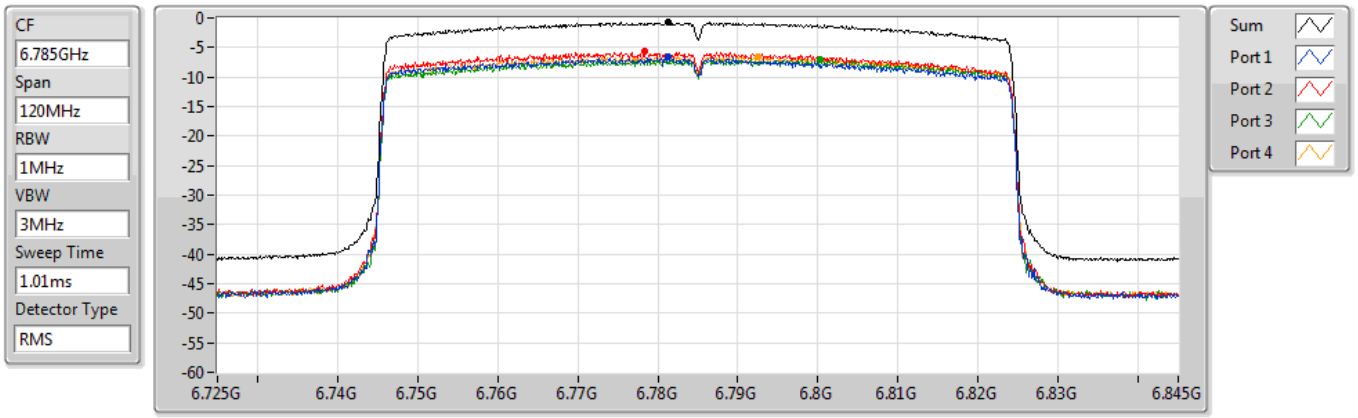
6705MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.54	-0.54	-6.94	-5.59	-6.85	-6.18

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

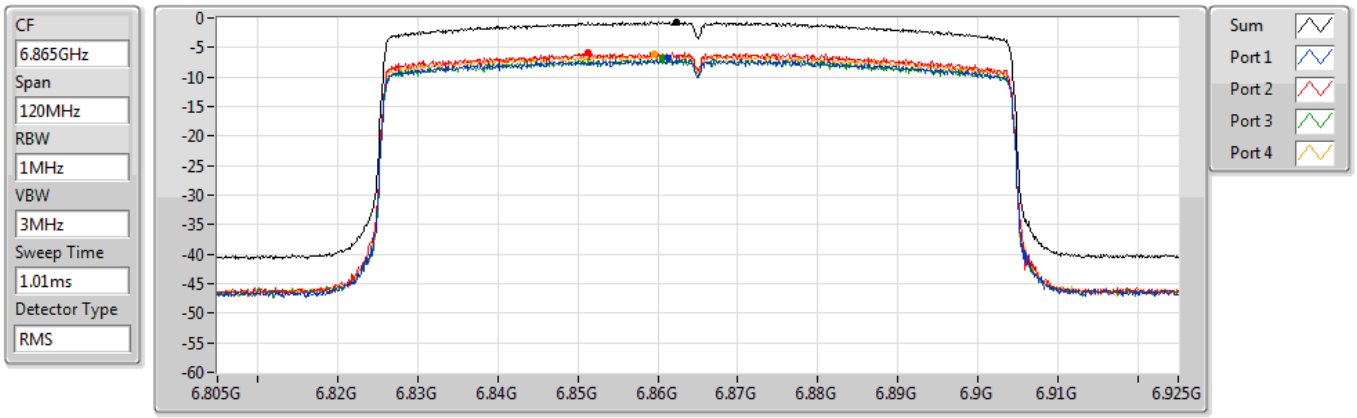
6785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.71	-0.71	-6.67	-5.58	-7.02	-6.49

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

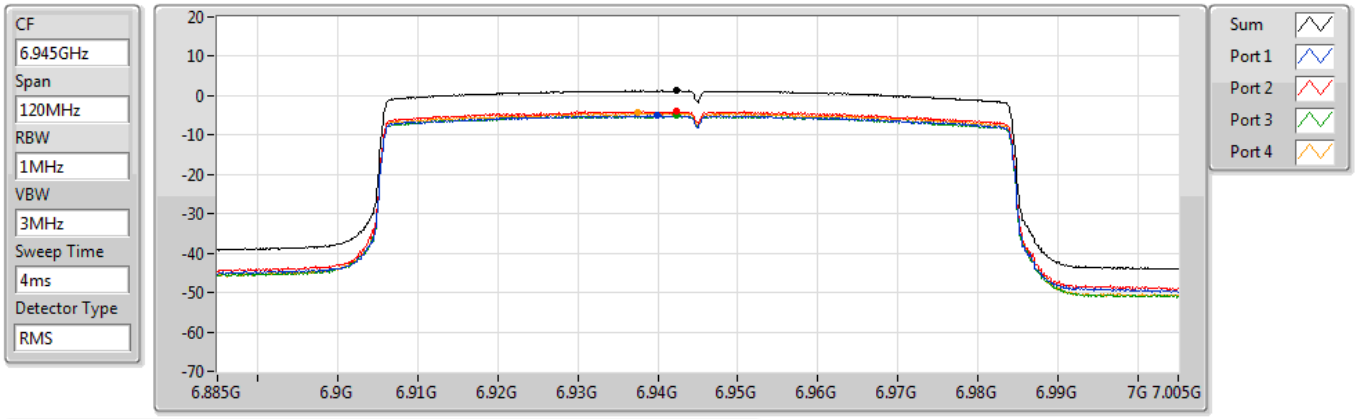
6865MHz Straddle 6.525-6.875GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.59	-0.59	-6.84	-5.82	-6.84	-6.14

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

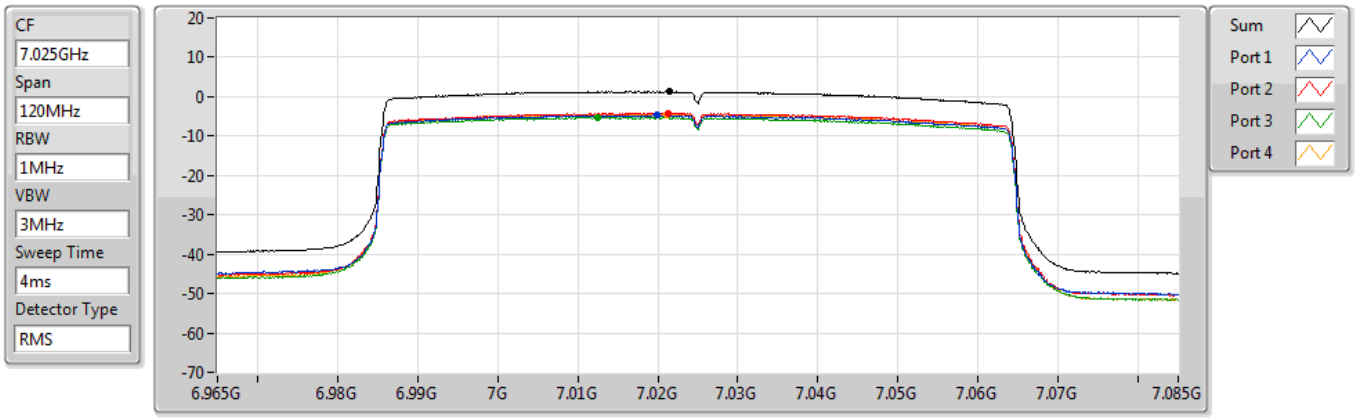
6945MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.34	1.34	-4.96	-4.05	-5.08	-4.26

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

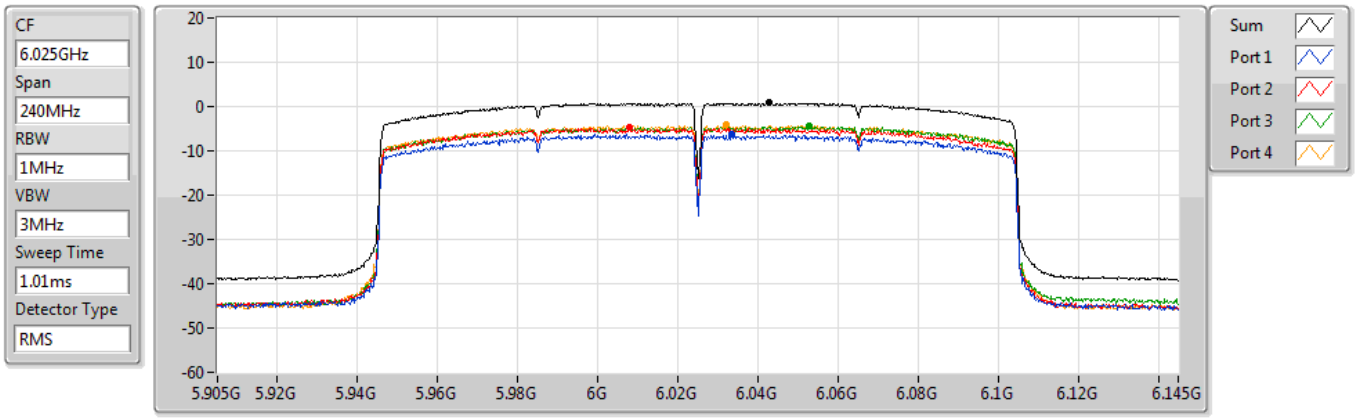
7025MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.28	1.28	-4.77	-4.24	-5.24	-4.48

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

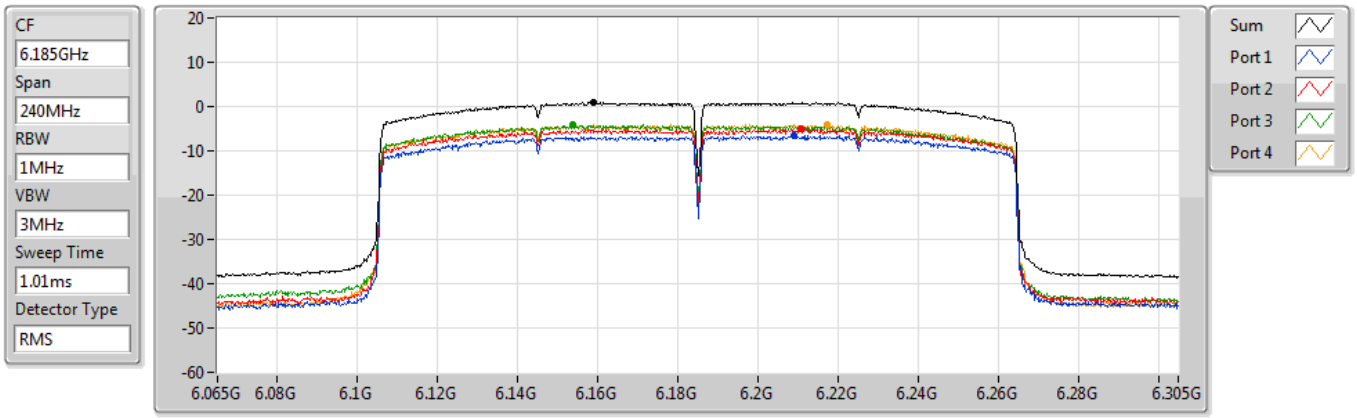
6025MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.80	0.80	-6.29	-4.84	-4.42	-4.19

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

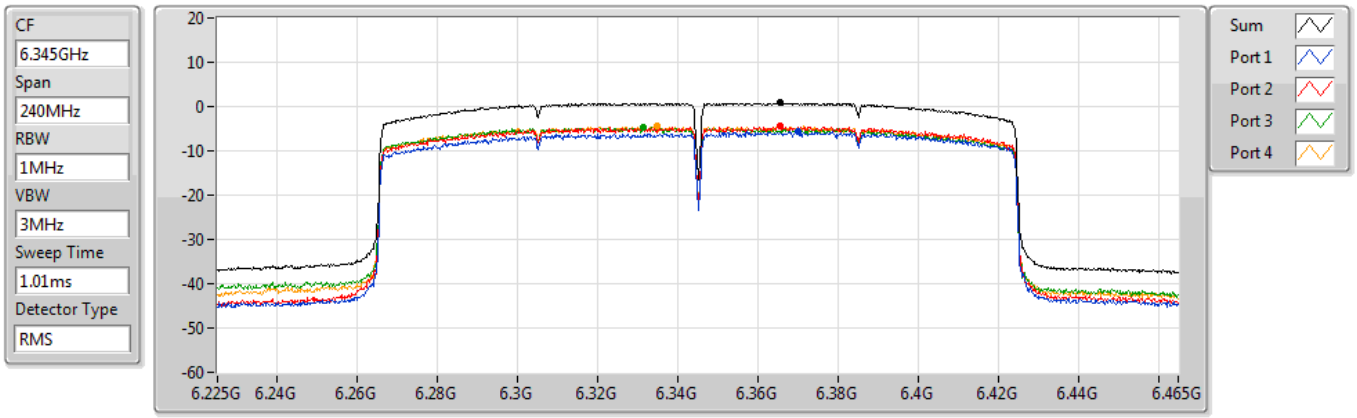
6185MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.90	0.90	-6.57	-5.13	-3.94	-3.98

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

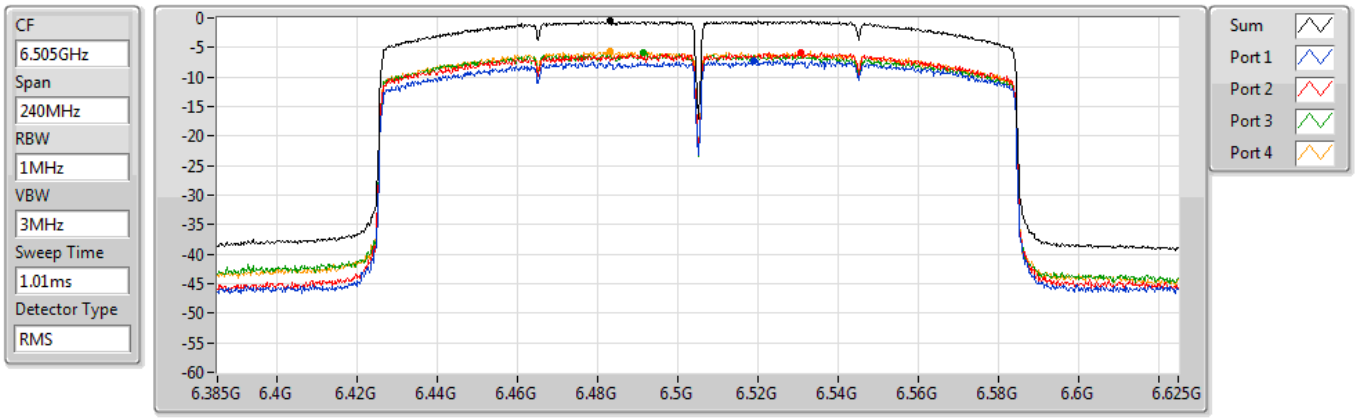
6345MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.85	0.85	-5.59	-4.53	-4.64	-4.44

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

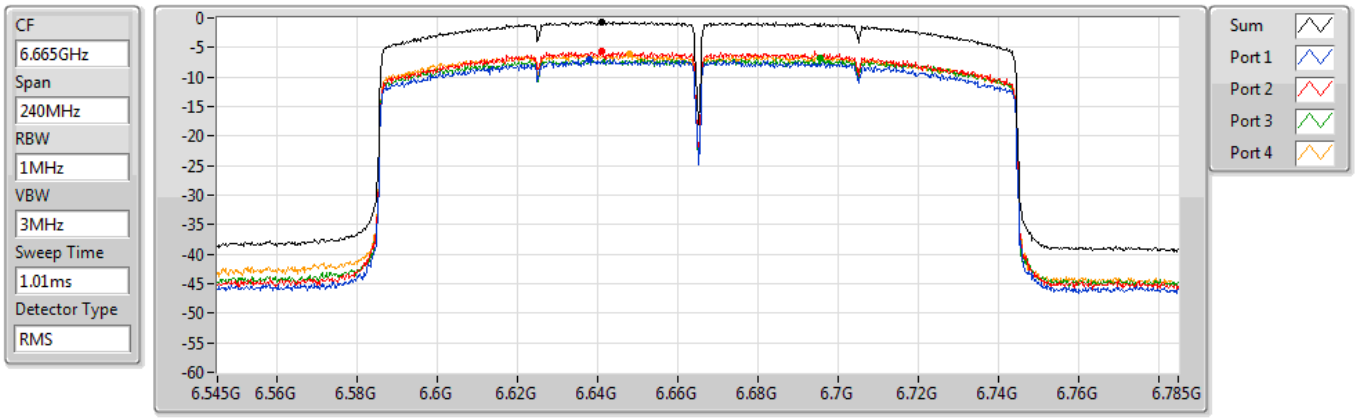
6505MHz Straddle 6.525-6.875GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.51	-0.51	-7.23	-5.79	-5.96	-5.58

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

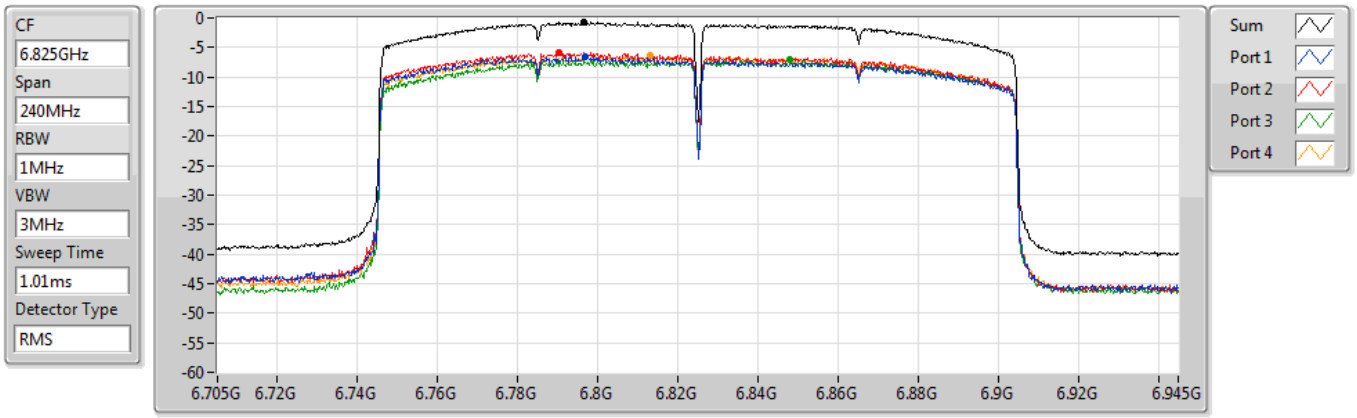
6665MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.64	-0.64	-7.06	-5.56	-6.77	-6.21

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

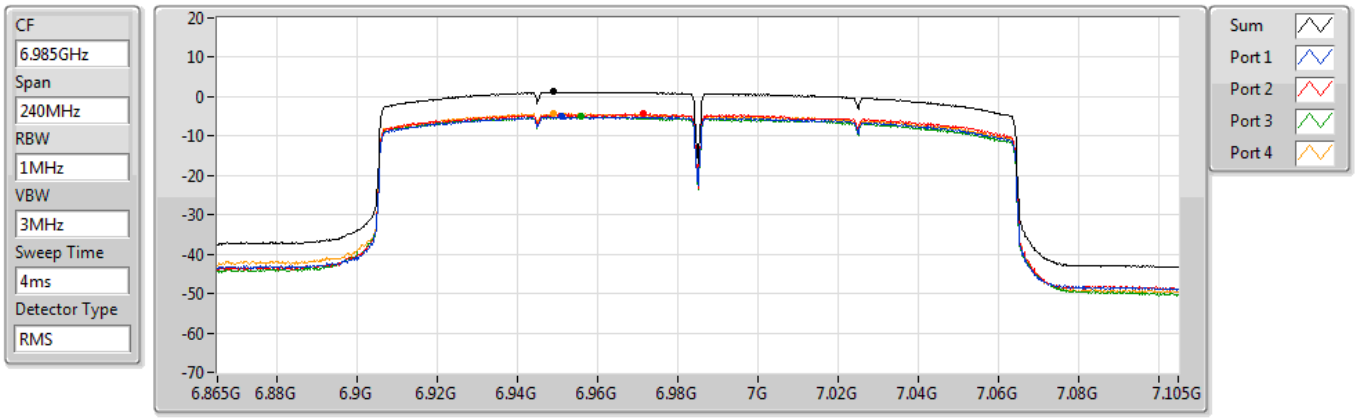
6825MHz Straddle 6.525-6.875GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.64	-0.64	-6.61	-5.77	-7.07	-6.40

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

6985MHz



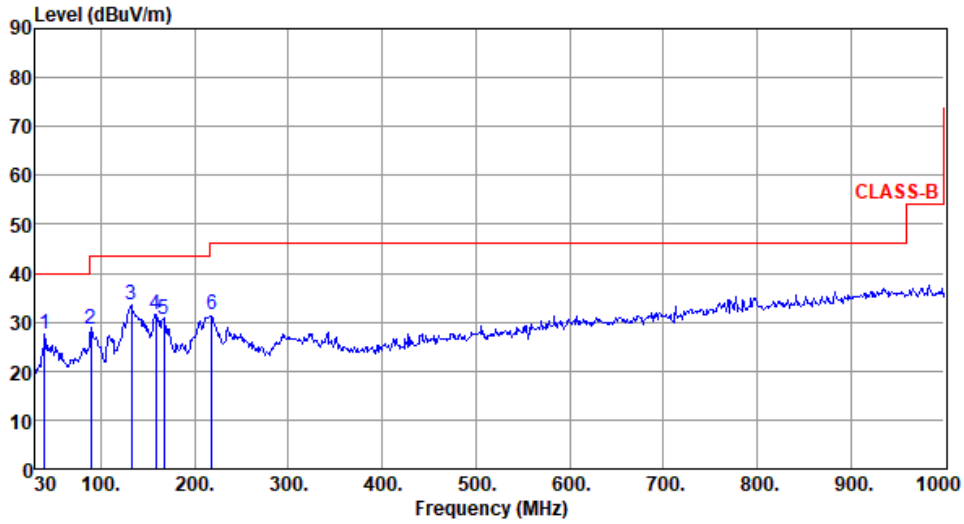
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.23	1.23	-5.01	-4.35	-5.01	-4.27

Adapter mode

Unwanted Emissions (Below 1GHz)

Modulation	ax HE160	**Test Freq. (MHz)**	6985
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

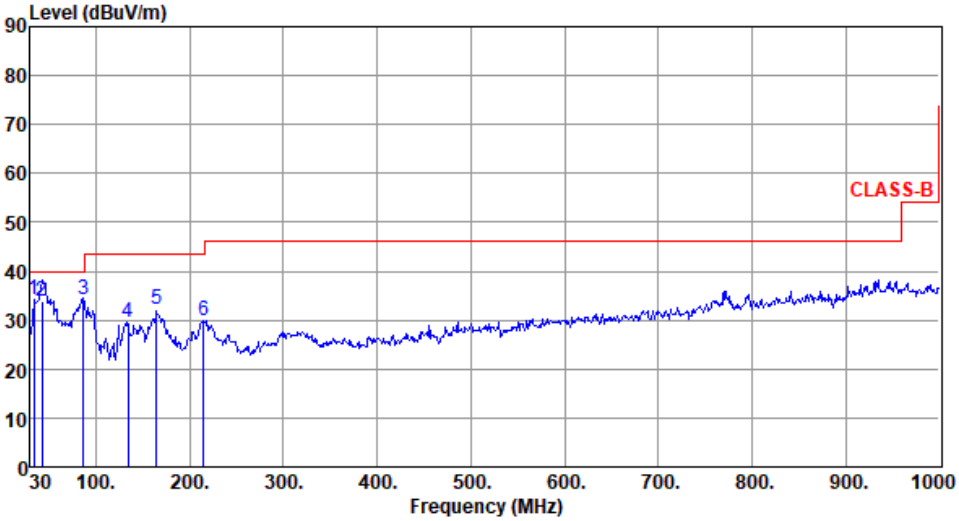


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	39.64	27.55	40.00	-12.45	36.31	-8.76	Peak	---	---
2	89.25	28.72	43.50	-14.78	43.23	-14.51	Peak	---	---
3	132.91	33.64	43.50	-9.86	43.03	-9.39	Peak	---	---
4	158.11	31.59	43.50	-11.91	40.08	-8.49	Peak	---	---
5	166.82	30.65	43.50	-12.85	39.32	-8.67	Peak	---	---
6	218.22	31.48	46.00	-14.52	43.04	-11.56	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 HE160	**Test Freq. (MHz)**	6985
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67



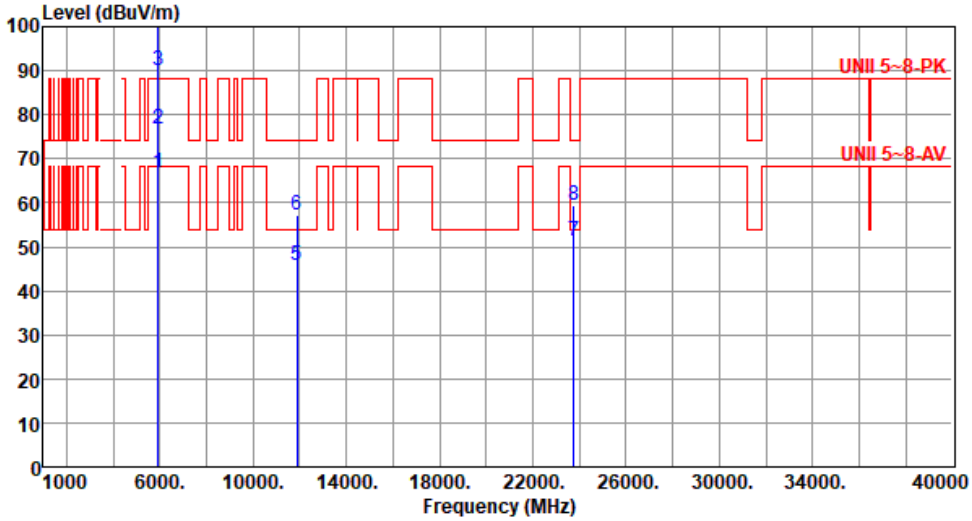
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	33.84	34.22	40.00	-5.78	43.81	-9.59	Peak	---	---
2	42.81	33.94	40.00	-6.06	42.36	-8.42	QP	100	264
3	86.34	34.28	40.00	-5.72	48.67	-14.39	Peak	---	---
4	133.88	29.65	43.50	-13.85	38.86	-9.21	Peak	---	---
5	164.78	32.12	43.50	-11.38	40.68	-8.56	Peak	---	---
6	214.41	29.86	43.50	-13.64	41.43	-11.57	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 ax HE20

Modulation	ax HE20	**Test Freq. (MHz)**	5935
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):67

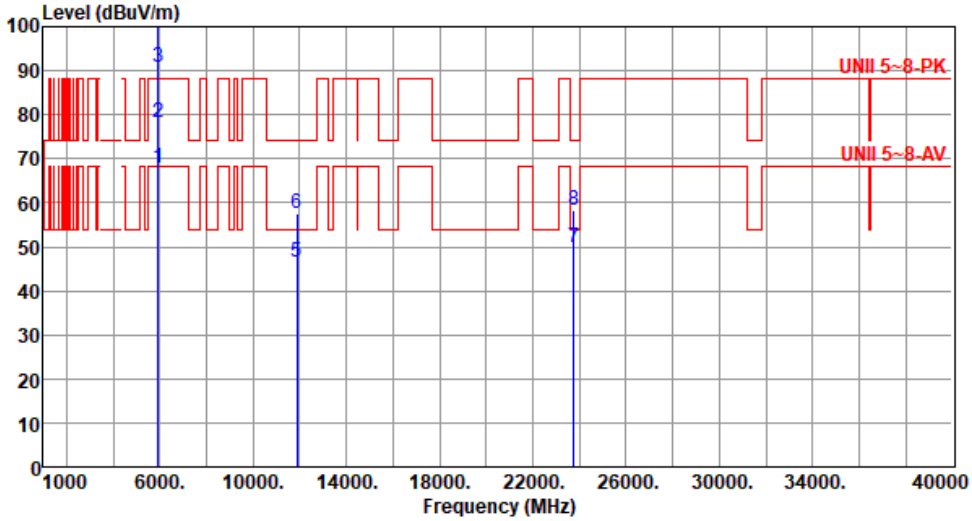


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	66.86	68.20	-1.34	59.83	7.03	Average	158	2
2		5925.00	76.68	88.20	-11.52	69.65	7.03	Peak	158	2
3	*	5935.00	90.16			83.10	7.06	Average	158	2
4	*	5935.00	102.02			94.96	7.06	Peak	158	2
5		11870.00	45.79	54.00	-8.21	31.34	14.45	Average	100	26
6		11870.00	57.11	74.00	-16.89	42.66	14.45	Peak	100	26
7		23740.00	51.17	54.00	-2.83	41.63	9.54	Average	179	224
8		23740.00	59.45	74.00	-14.55	49.91	9.54	Peak	179	224

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	5935
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):67

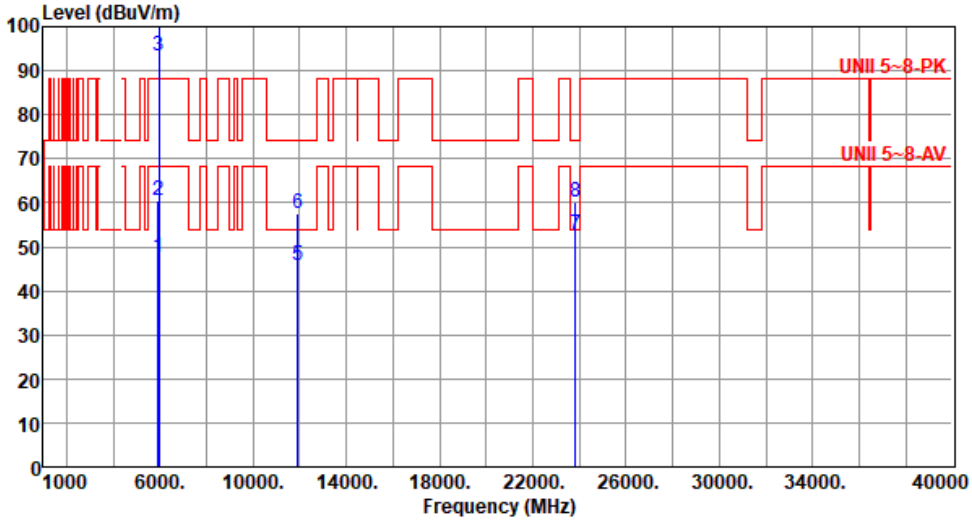


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	67.90	68.20	-0.30	60.87	7.03	Average	217	10
2		5925.00	78.25	88.20	-9.95	71.22	7.03	Peak	217	10
3	*	5935.00	90.75			83.69	7.06	Average	217	9
4	*	5935.00	102.40			95.34	7.06	Peak	217	9
5		11870.00	46.42	54.00	-7.58	31.97	14.45	Average	109	33
6		11870.00	57.58	74.00	-16.42	43.13	14.45	Peak	109	33
7		23740.00	49.88	54.00	-4.12	40.34	9.54	Average	305	42
8		23740.00	58.35	74.00	-15.65	48.81	9.54	Peak	305	42

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	5955
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

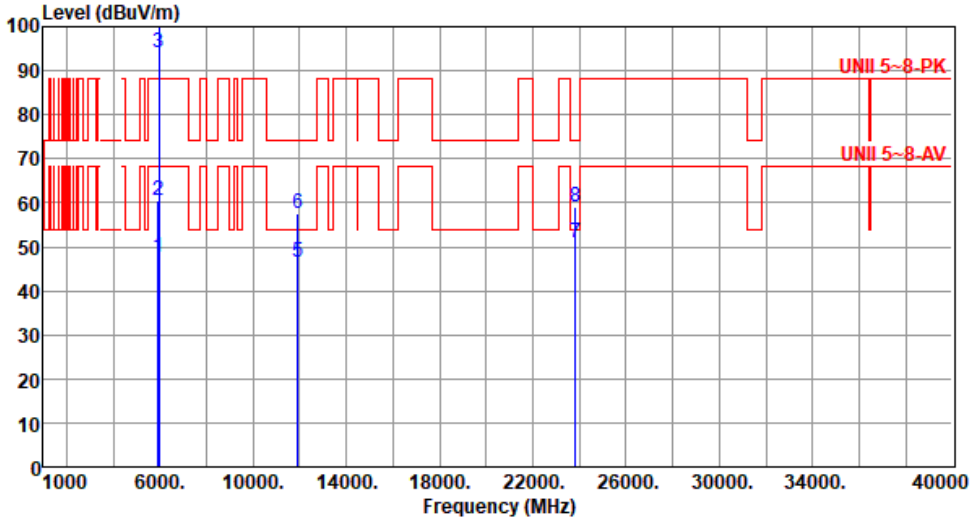


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	47.49	68.20	-20.71	40.46	7.03	Average	156	3
2		5925.00	60.55	88.20	-27.65	53.52	7.03	Peak	156	3
3	*	5955.00	93.52			86.42	7.10	Average	156	3
4	*	5955.00	106.65			99.55	7.10	Peak	156	3
5		11910.00	45.84	54.00	-8.16	31.39	14.45	Average	101	55
6		11910.00	57.45	74.00	-16.55	43.00	14.45	Peak	101	55
7		23820.00	52.74	54.00	-1.26	43.04	9.70	Average	179	244
8		23820.00	60.25	74.00	-13.75	50.55	9.70	Peak	179	244

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	5955
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

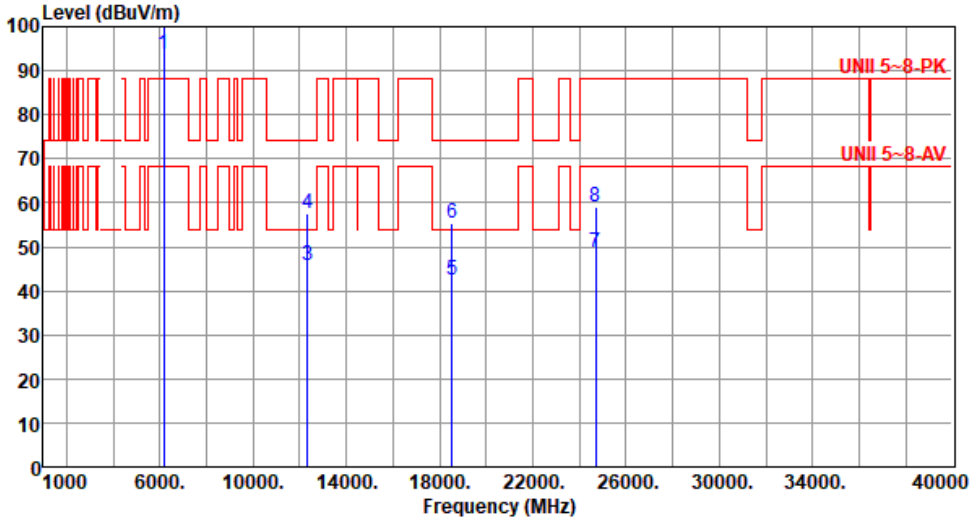


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	47.56	68.20	-20.64	40.53	7.03	Average	216	51
2		5925.00	60.63	88.20	-27.57	53.60	7.03	Peak	216	51
3	*	5955.00	93.95			86.85	7.10	Average	216	51
4	*	5955.00	107.05			99.95	7.10	Peak	216	51
5		11910.00	46.54	54.00	-7.46	32.09	14.45	Average	106	25
6		11910.00	57.72	74.00	-16.28	43.27	14.45	Peak	106	25
7		23820.00	50.85	54.00	-3.15	41.15	9.70	Average	322	45
8		23820.00	58.94	74.00	-15.06	49.24	9.70	Peak	322	45

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

Modulation	ax HE20	**Test Freq. (MHz)**	6175
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

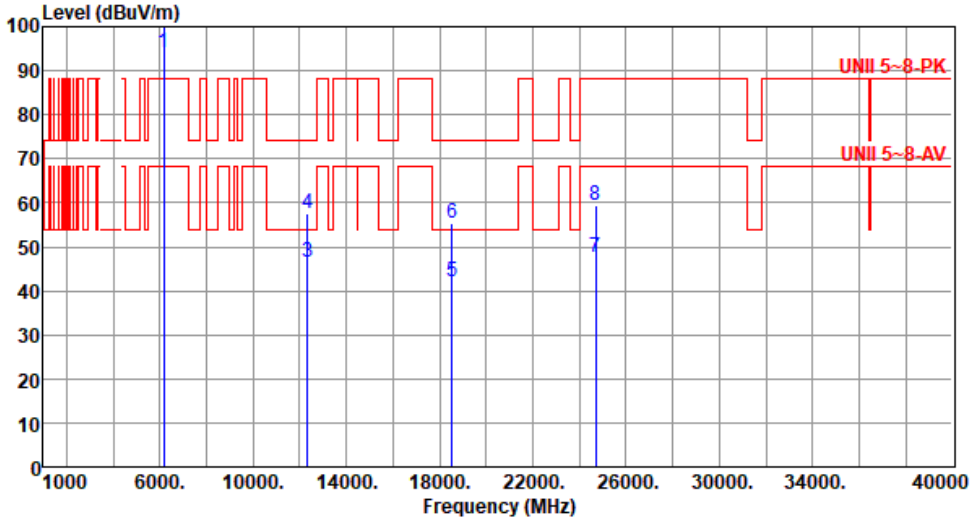


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6175.00	93.62			86.17	7.45	Average	159	5
2	*	6175.00	106.74			99.29	7.45	Peak	159	5
3		12350.00	45.82	54.00	-8.18	31.24	14.58	Average	100	49
4		12350.00	57.41	74.00	-16.59	42.83	14.58	Peak	100	49
5		18525.00	42.31	54.00	-11.69	38.39	3.92	Average	100	16
6		18525.00	55.45	74.00	-18.55	51.53	3.92	Peak	100	16
7		24700.00	48.83	68.20	-19.37	37.81	11.02	Average	176	235
8		24700.00	59.22	88.20	-28.98	48.20	11.02	Peak	176	235

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

Modulation	ax HE20	**Test Freq. (MHz)**	6175
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

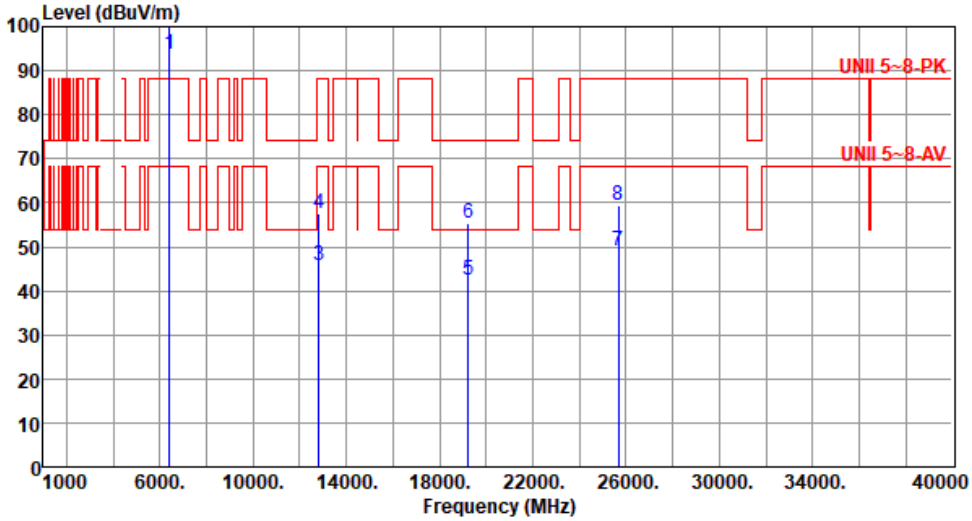


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6175.00	94.02			86.57	7.45	Average	215	49
2	*	6175.00	107.16	------	------	99.71	7.45	Peak	215	49
3		12350.00	46.39	54.00	-7.61	31.81	14.58	Average	102	48
4		12350.00	57.58	74.00	-16.42	43.00	14.58	Peak	102	48
5		18525.00	42.18	54.00	-11.82	38.26	3.92	Average	100	59
6		18525.00	55.32	74.00	-18.68	51.40	3.92	Peak	100	59
7		24700.00	47.65	68.20	-20.55	36.63	11.02	Average	305	34
8		24700.00	59.24	88.20	-28.96	48.22	11.02	Peak	305	34

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6415
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

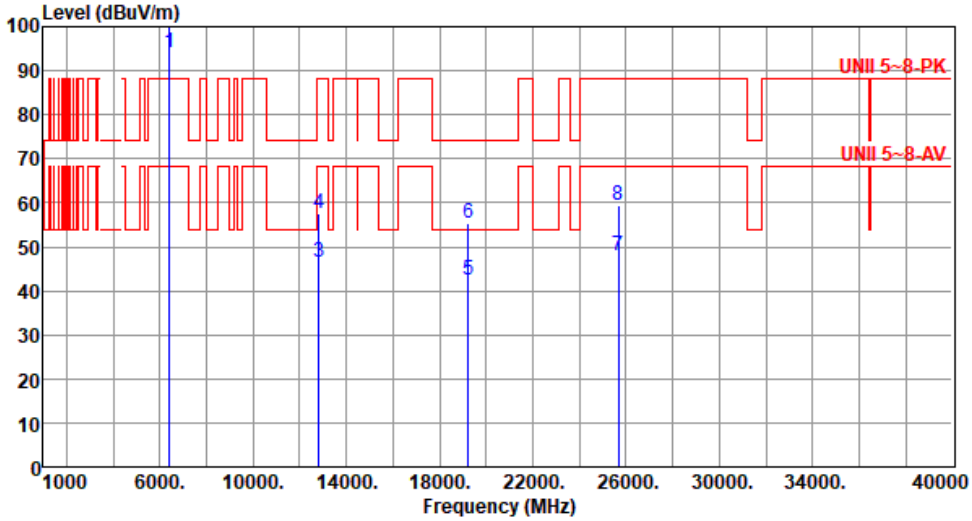


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6415.00	93.81			85.46	8.35	Average	157	4
2	*	6415.00	106.85			98.50	8.35	Peak	157	4
3		12830.00	45.92	68.20	-22.28	30.65	15.27	Average	100	58
4		12830.00	57.45	88.20	-30.75	42.18	15.27	Peak	100	58
5		19245.00	42.26	54.00	-11.74	37.41	4.85	Average	100	64
6		19245.00	55.42	74.00	-18.58	50.57	4.85	Peak	100	64
7		25660.00	48.92	68.20	-19.28	37.31	11.61	Average	185	241
8		25660.00	59.29	88.20	-28.91	47.68	11.61	Peak	185	241

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6415
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

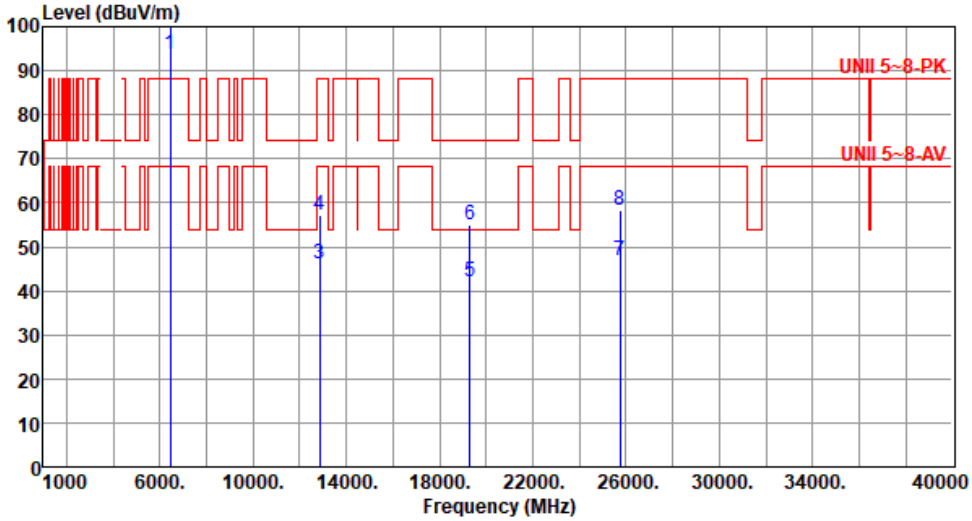


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6415.00	94.18			85.83	8.35	Average	212	53
2	*	6415.00	107.29			98.94	8.35	Peak	212	53
3		12830.00	46.51	68.20	-21.69	31.24	15.27	Average	100	51
4		12830.00	57.68	88.20	-30.52	42.41	15.27	Peak	100	51
5		19245.00	42.28	54.00	-11.72	37.43	4.85	Average	105	66
6		19245.00	55.45	74.00	-18.55	50.60	4.85	Peak	105	66
7		25660.00	47.85	68.20	-20.35	36.24	11.61	Average	305	36
8		25660.00	59.34	88.20	-28.86	47.73	11.61	Peak	305	36

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6435
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

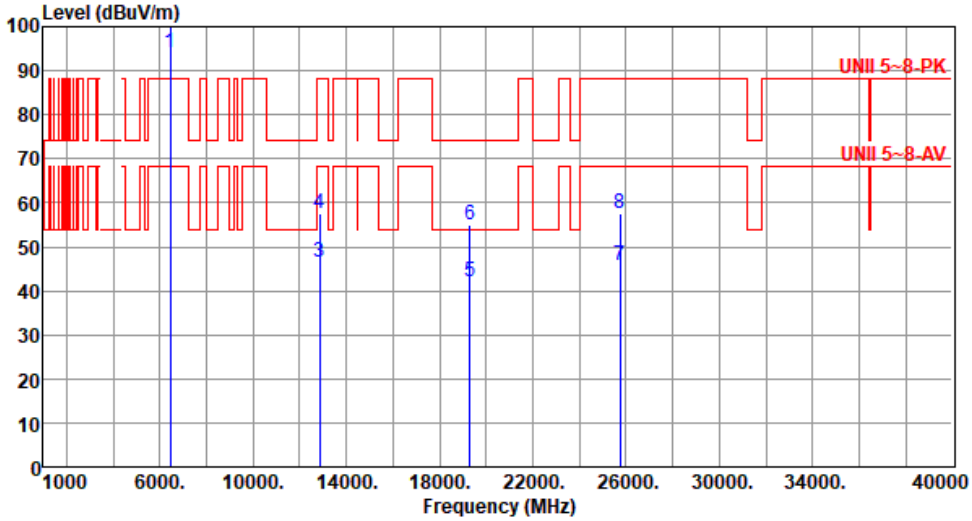


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6435.00	93.81			85.36	8.45	Average	161	5
2	*	6435.00	107.52	------	------	99.07	8.45	Peak	161	5
3		12870.00	46.03	68.20	-22.17	30.72	15.31	Average	100	35
4		12870.00	57.29	88.20	-30.91	41.98	15.31	Peak	100	35
5		19305.00	42.03	54.00	-11.97	37.20	4.83	Average	100	52
6		19305.00	55.14	74.00	-18.86	50.31	4.83	Peak	100	52
7		25740.00	46.78	68.20	-21.42	35.22	11.56	Average	195	244
8		25740.00	58.45	88.20	-29.75	46.89	11.56	Peak	195	244

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6435
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

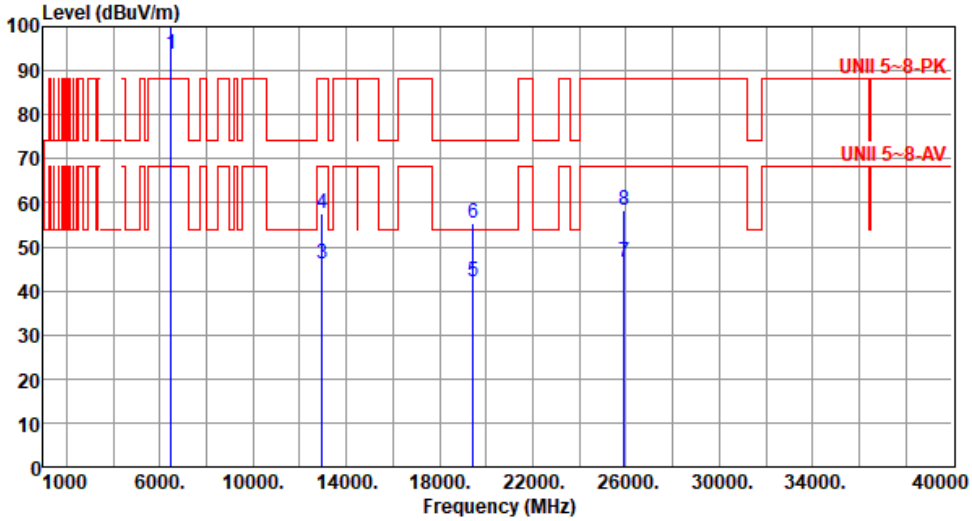


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6435.00	94.20			85.75	8.45	Average	217	42
2	*	6435.00	107.94			99.49	8.45	Peak	217	42
3		12870.00	46.35	68.20	-21.85	31.04	15.31	Average	105	31
4		12870.00	57.58	88.20	-30.62	42.27	15.31	Peak	105	31
5		19305.00	42.09	54.00	-11.91	37.26	4.83	Average	100	36
6		19305.00	55.14	74.00	-18.86	50.31	4.83	Peak	100	36
7		25740.00	45.63	68.20	-22.57	34.07	11.56	Average	305	39
8		25740.00	57.44	88.20	-30.76	45.88	11.56	Peak	305	39

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6475
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

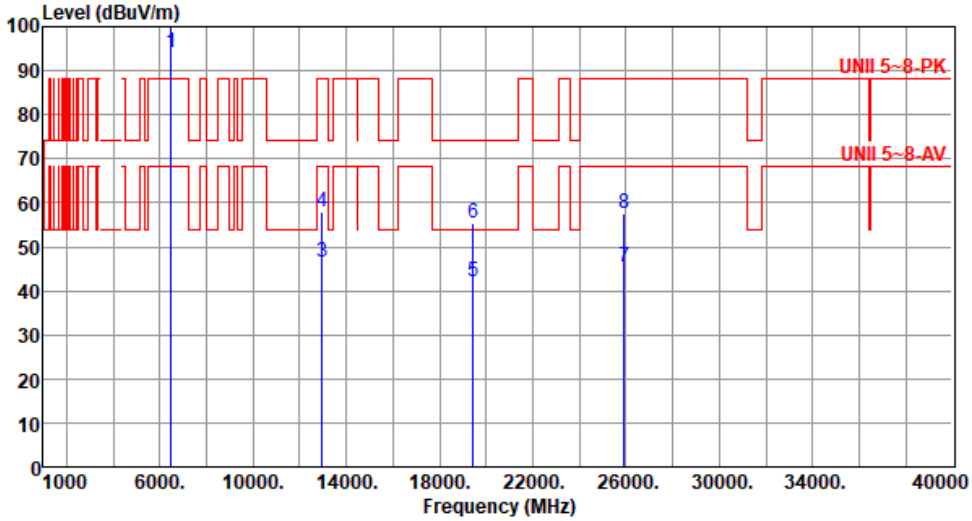


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6475.00	93.68			85.05	8.63	Average	160	4
2	*	6475.00	107.41	------	------	98.78	8.63	Peak	160	4
3		12950.00	46.14	68.20	-22.06	30.69	15.45	Average	100	39
4		12950.00	57.59	88.20	-30.61	42.14	15.45	Peak	100	39
5		19425.00	42.11	54.00	-11.89	37.27	4.84	Average	100	61
6		19425.00	55.25	74.00	-18.75	50.41	4.84	Peak	100	61
7		25900.00	46.66	68.20	-21.54	34.91	11.75	Average	195	246
8		25900.00	58.47	88.20	-29.73	46.72	11.75	Peak	195	246

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6475
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

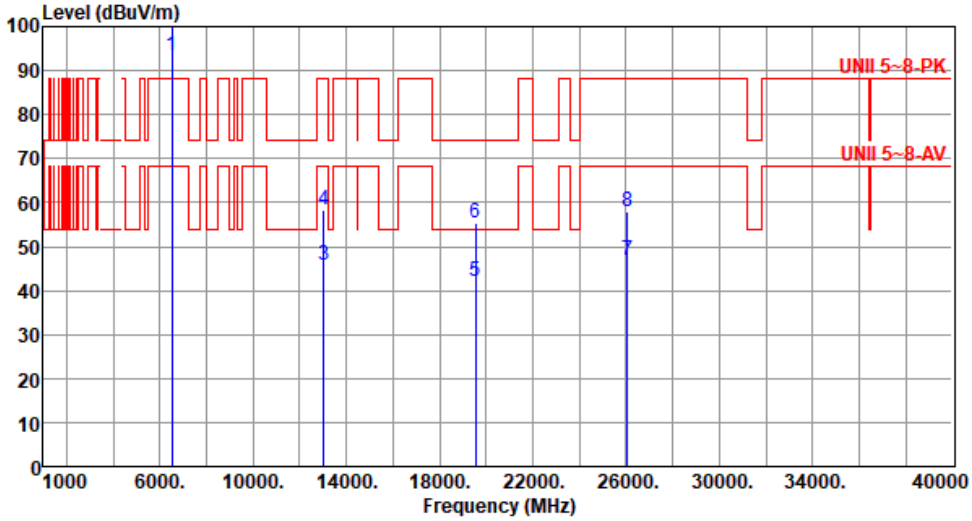


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6475.00	94.05			85.42	8.63	Average	215	48
2	*	6475.00	107.82			99.19	8.63	Peak	215	48
3		12950.00	46.54	68.20	-21.66	31.09	15.45	Average	105	22
4		12950.00	57.75	88.20	-30.45	42.30	15.45	Peak	105	22
5		19425.00	42.14	54.00	-11.86	37.30	4.84	Average	100	28
6		19425.00	55.25	74.00	-18.75	50.41	4.84	Peak	100	28
7		25900.00	45.51	68.20	-22.69	33.76	11.75	Average	302	29
8		25900.00	57.46	88.20	-30.74	45.71	11.75	Peak	302	29

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

Modulation	ax HE20	**Test Freq. (MHz)**	6515
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

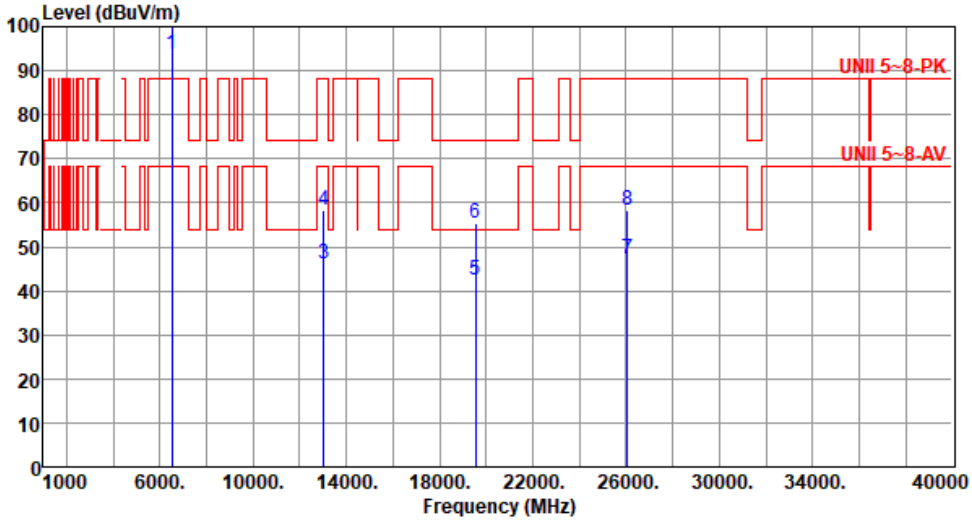


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6515.00	93.54			84.74	8.80	Average	158	9
2	*	6515.00	107.28			98.48	8.80	Peak	158	9
3		13030.00	45.92	68.20	-22.28	30.34	15.58	Average	100	55
4		13030.00	58.21	88.20	-29.99	42.63	15.58	Peak	100	55
5		19545.00	42.14	54.00	-11.86	37.21	4.93	Average	100	59
6		19545.00	55.19	74.00	-18.81	50.26	4.93	Peak	100	59
7		26060.00	47.02	68.20	-21.18	35.05	11.97	Average	156	249
8		26060.00	58.09	88.20	-30.11	46.12	11.97	Peak	156	249

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

Modulation	ax HE20	**Test Freq. (MHz)**	6515
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

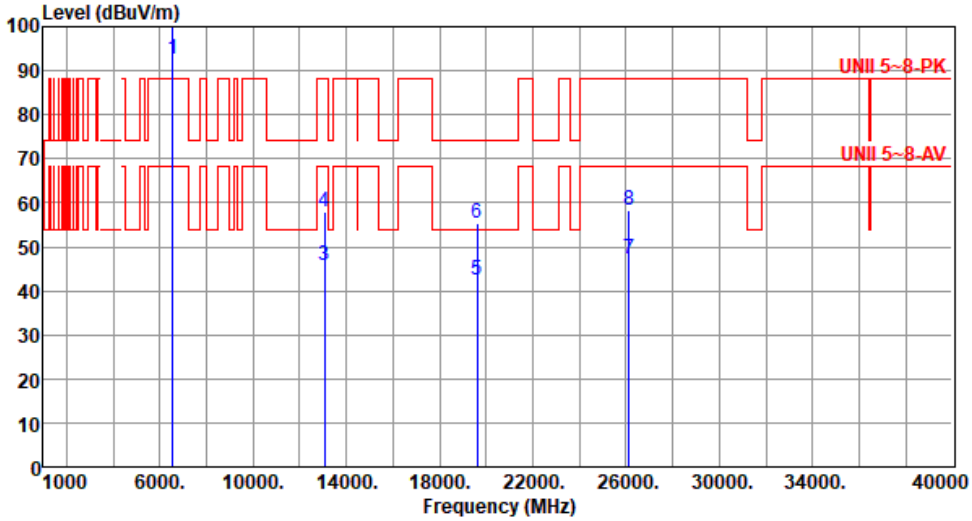


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6515.00	93.88			85.08	8.80	Average	212	49
2	*	6515.00	107.75			98.95	8.80	Peak	212	49
3		13030.00	46.19	68.20	-22.01	30.61	15.58	Average	100	41
4		13030.00	58.24	88.20	-29.96	42.66	15.58	Peak	100	41
5		19545.00	42.56	54.00	-11.44	37.63	4.93	Average	100	39
6		19545.00	55.48	74.00	-18.52	50.55	4.93	Peak	100	39
7		26060.00	47.25	68.20	-20.95	35.28	11.97	Average	295	29
8		26060.00	58.46	88.20	-29.74	46.49	11.97	Peak	295	29

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

Modulation	ax HE20	**Test Freq. (MHz)**	6535
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

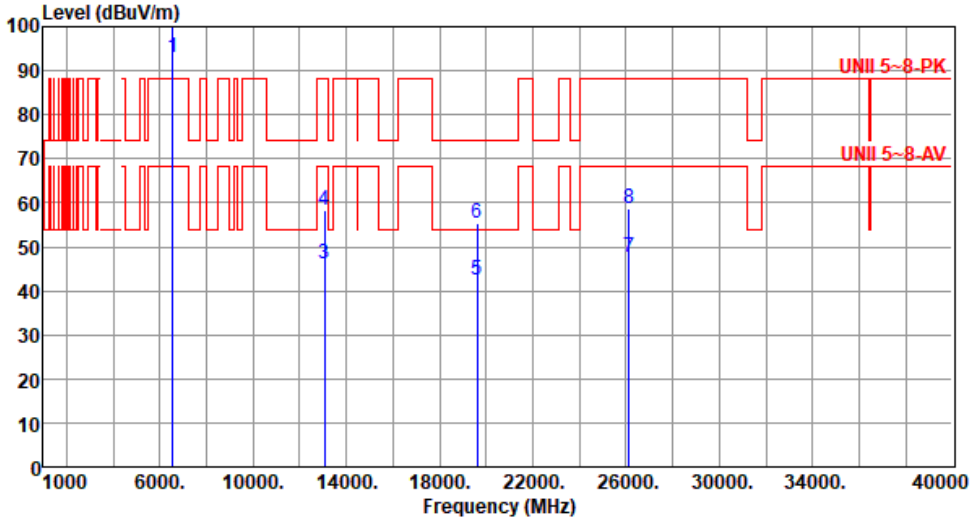


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6535.00	92.55			83.65	8.90	Average	163	8
2	*	6535.00	105.46			96.56	8.90	Peak	163	8
3		13070.00	45.92	68.20	-22.28	30.30	15.62	Average	101	39
4		13070.00	57.94	88.20	-30.26	42.32	15.62	Peak	101	39
5		19605.00	42.35	54.00	-11.65	37.30	5.05	Average	100	51
6		19605.00	55.42	74.00	-18.58	50.37	5.05	Peak	100	51
7		26140.00	47.16	68.20	-21.04	35.04	12.12	Average	165	246
8		26140.00	58.29	88.20	-29.91	46.17	12.12	Peak	165	246

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6535
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

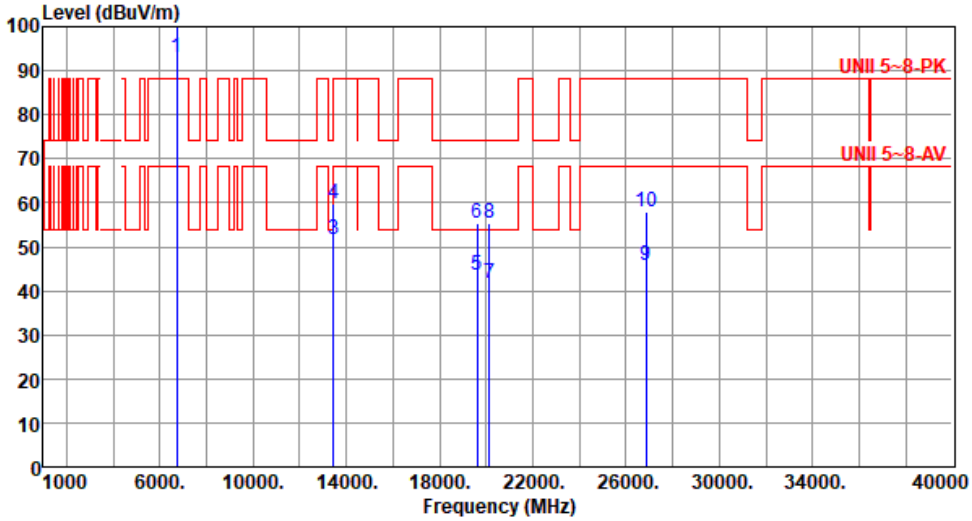


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6535.00	92.84			83.94	8.90	Average	218	50
2	*	6535.00	105.79			96.89	8.90	Peak	218	50
3		13070.00	46.24	68.20	-21.96	30.62	15.62	Average	100	26
4		13070.00	58.19	88.20	-30.01	42.57	15.62	Peak	100	26
5		19605.00	42.61	54.00	-11.39	37.56	5.05	Average	100	34
6		19605.00	55.38	74.00	-18.62	50.33	5.05	Peak	100	34
7		26140.00	47.52	68.20	-20.68	35.40	12.12	Average	258	29
8		26140.00	58.55	88.20	-29.65	46.43	12.12	Peak	258	29

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

Modulation	ax HE20	**Test Freq. (MHz)**	6715
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

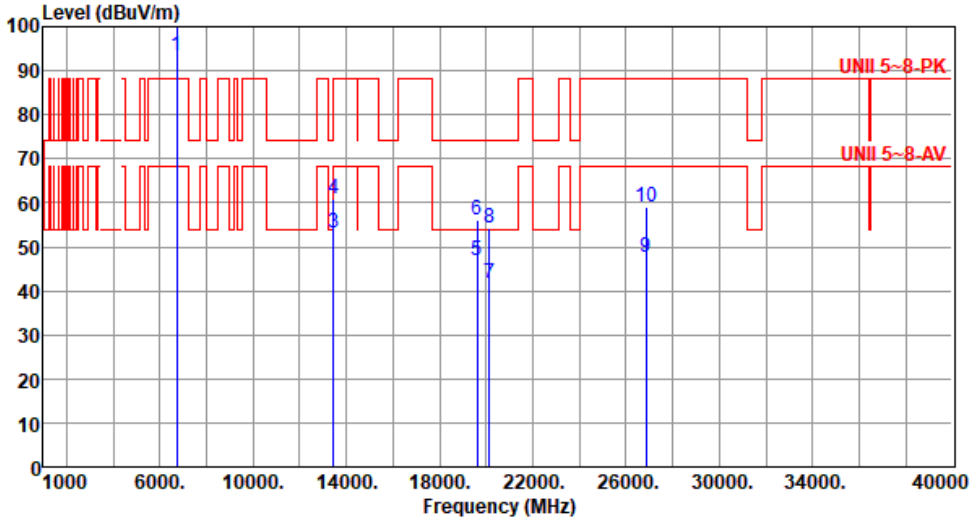


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6715.00	93.14			84.50	8.64	Average	176	7
2	*	6715.00	106.30			97.66	8.64	Peak	176	7
3		13430.00	51.61	68.20	-16.59	34.93	16.68	Average	189	63
4		13430.00	59.94	88.20	-28.26	43.26	16.68	Peak	189	63
5		19615.80	43.59	54.00	-10.41	38.52	5.07	Average	231	251
6		19615.80	55.51	74.00	-18.49	50.44	5.07	Peak	231	251
7		20145.00	41.62	54.00	-12.38	35.86	5.76	Average	100	19
8		20145.00	55.21	74.00	-18.79	49.45	5.76	Peak	100	19
9		26860.00	45.66	68.20	-22.54	32.78	12.88	Average	100	333
10		26860.00	58.00	88.20	-30.20	45.12	12.88	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 HE20	**Test Freq. (MHz)**	6715
Polarization	Vertical		

Test By :Brad Wu Temperature(°C):24 Humidity(%):67

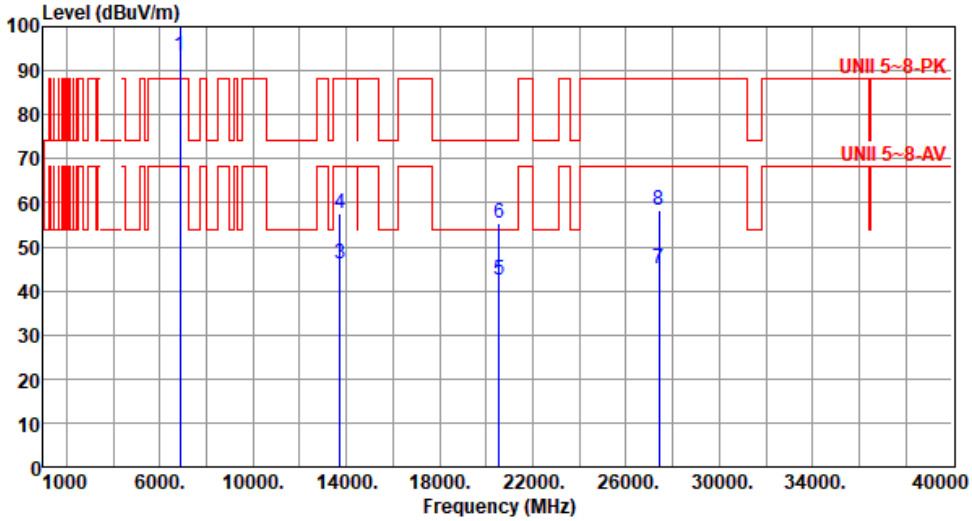


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6715.00	93.25			84.61	8.64	Average	215	47
2	*	6715.00	106.59			97.95	8.64	Peak	215	47
3		13430.00	53.14	68.20	-15.06	36.46	16.68	Average	100	8
4		13430.00	60.81	88.20	-27.39	44.13	16.68	Peak	100	8
5		19615.80	46.73	54.00	-7.27	41.66	5.07	Average	179	195
6		19615.80	56.27	74.00	-17.73	51.20	5.07	Peak	179	195
7		20145.00	41.77	54.00	-12.23	36.01	5.76	Average	100	15
8		20145.00	54.31	74.00	-19.69	48.55	5.76	Peak	100	15
9		26860.00	47.47	68.20	-20.73	34.59	12.88	Average	178	12
10		26860.00	59.14	88.20	-29.06	46.26	12.88	Peak	178	12

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6855
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

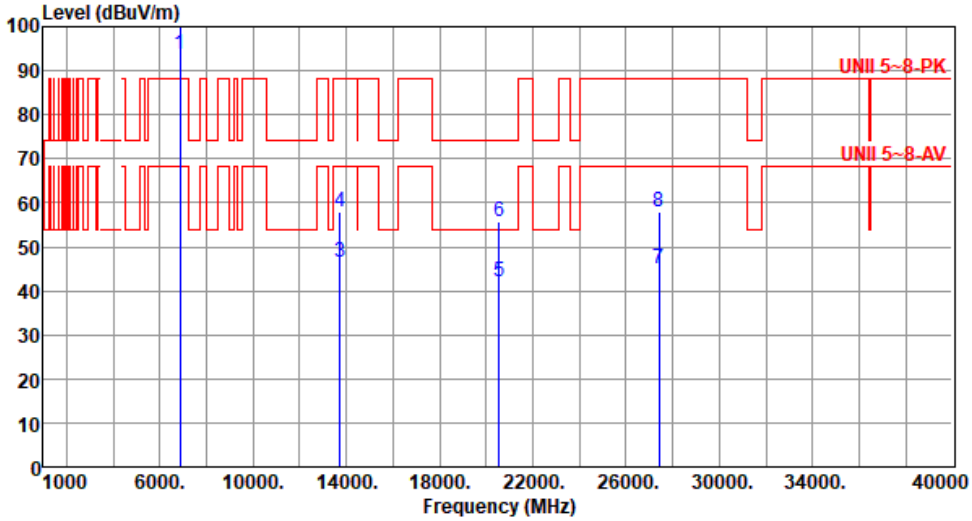


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6855.00	93.44			84.27	9.17	Average	226	35
2	*	6855.00	106.56	------	------	97.39	9.17	Peak	226	35
3		13710.00	46.14	68.20	-22.06	29.19	16.95	Average	100	52
4		13710.00	57.72	88.20	-30.48	40.77	16.95	Peak	100	52
5		20565.00	42.31	54.00	-11.69	35.83	6.48	Average	102	51
6		20565.00	55.42	74.00	-18.58	48.94	6.48	Peak	102	51
7		27420.00	45.15	68.20	-23.05	31.85	13.30	Average	152	232
8		27420.00	58.38	88.20	-29.82	45.08	13.30	Peak	152	232

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6855
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

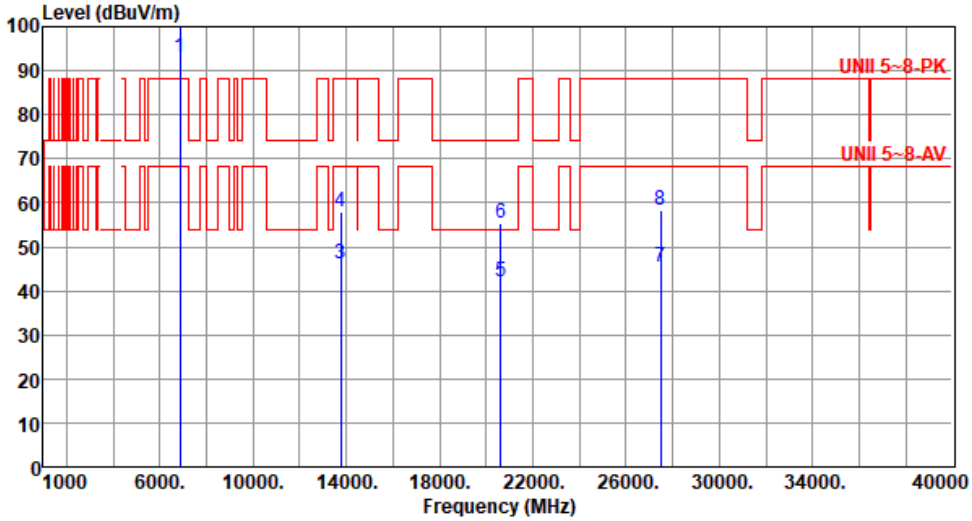


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6855.00	93.89			84.72	9.17	Average	162	3
2	*	6855.00	107.11	------	------	97.94	9.17	Peak	162	3
3		13710.00	46.47	68.20	-21.73	29.52	16.95	Average	100	83
4		13710.00	57.79	88.20	-30.41	40.84	16.95	Peak	100	83
5		20565.00	42.21	54.00	-11.79	35.73	6.48	Average	100	36
6		20565.00	55.79	74.00	-18.21	49.31	6.48	Peak	100	36
7		27420.00	45.02	68.20	-23.18	31.72	13.30	Average	296	31
8		27420.00	58.08	88.20	-30.12	44.78	13.30	Peak	296	31

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

Modulation	ax HE20	**Test Freq. (MHz)**	6875
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

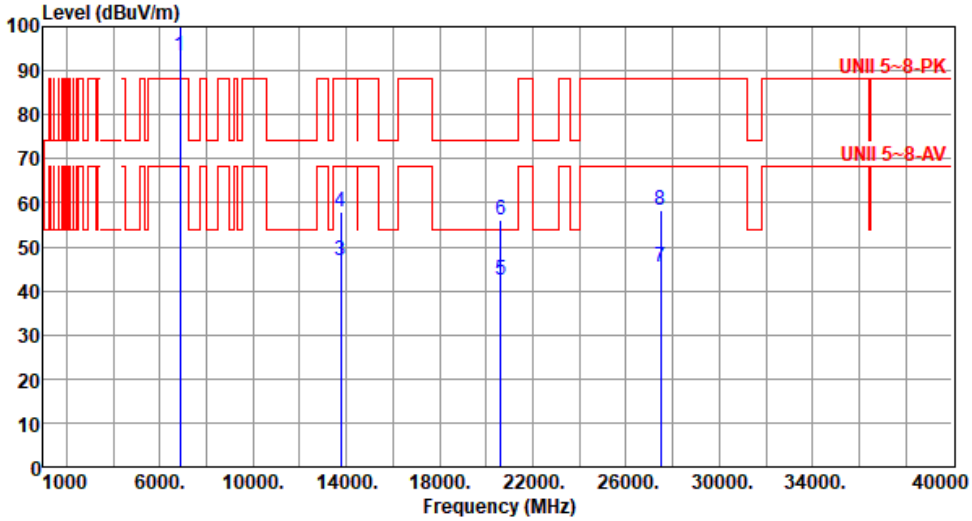


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6875.00	92.95			83.68	9.27	Average	224	37
2	*	6875.00	106.03			96.76	9.27	Peak	224	37
3		13750.00	46.28	68.20	-21.92	29.27	17.01	Average	100	44
4		13750.00	57.84	88.20	-30.36	40.83	17.01	Peak	100	44
5		20625.00	42.18	54.00	-11.82	35.73	6.45	Average	100	49
6		20625.00	55.31	74.00	-18.69	48.86	6.45	Peak	100	49
7		27500.00	45.22	68.20	-22.98	31.76	13.46	Average	181	214
8		27500.00	58.36	88.20	-29.84	44.90	13.46	Peak	181	214

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6875
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

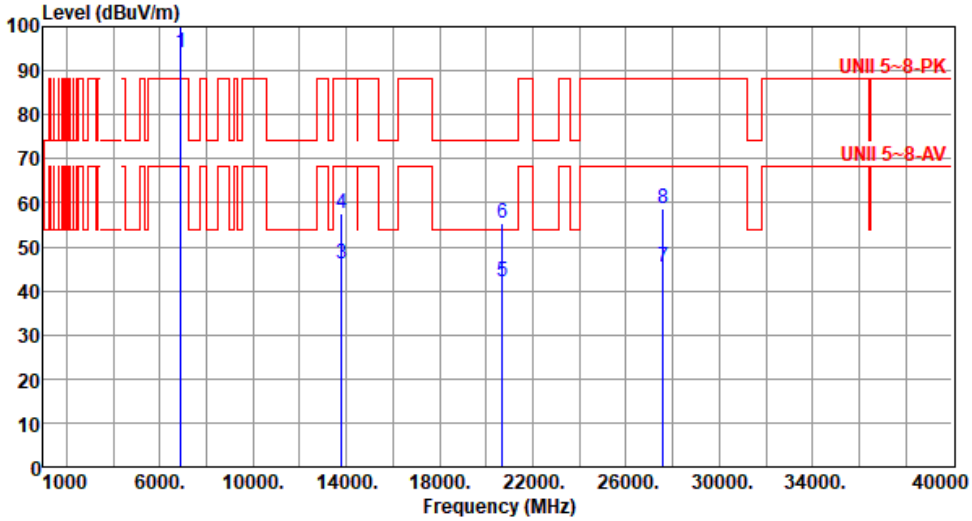


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6875.00	93.45			84.18	9.27	Average	159	5
2	*	6875.00	106.64			97.37	9.27	Peak	159	5
3		13750.00	46.68	68.20	-21.52	29.67	17.01	Average	105	51
4		13750.00	57.82	88.20	-30.38	40.81	17.01	Peak	105	51
5		20625.00	42.35	54.00	-11.65	35.90	6.45	Average	100	85
6		20625.00	56.12	74.00	-17.88	49.67	6.45	Peak	100	85
7		27500.00	45.35	68.20	-22.85	31.89	13.46	Average	276	52
8		27500.00	58.42	88.20	-29.78	44.96	13.46	Peak	276	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 HE20	**Test Freq. (MHz)**	6895
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

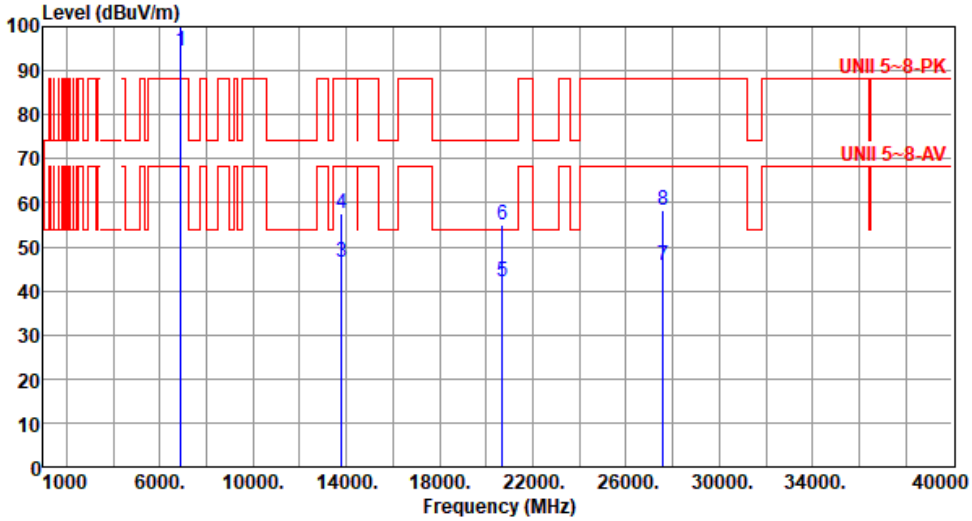


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6895.00	94.16			84.80	9.36	Average	229	45
2	*	6895.00	107.22	------	------	97.86	9.36	Peak	229	45
3		13790.00	46.08	68.20	-22.12	29.01	17.07	Average	100	39
4		13790.00	57.55	88.20	-30.65	40.48	17.07	Peak	100	39
5		20685.00	41.89	54.00	-12.11	35.47	6.42	Average	100	66
6		20685.00	55.42	74.00	-18.58	49.00	6.42	Peak	100	66
7		27580.00	45.33	68.20	-22.87	31.98	13.35	Average	188	209
8		27580.00	58.81	88.20	-29.39	45.46	13.35	Peak	188	209

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6895
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

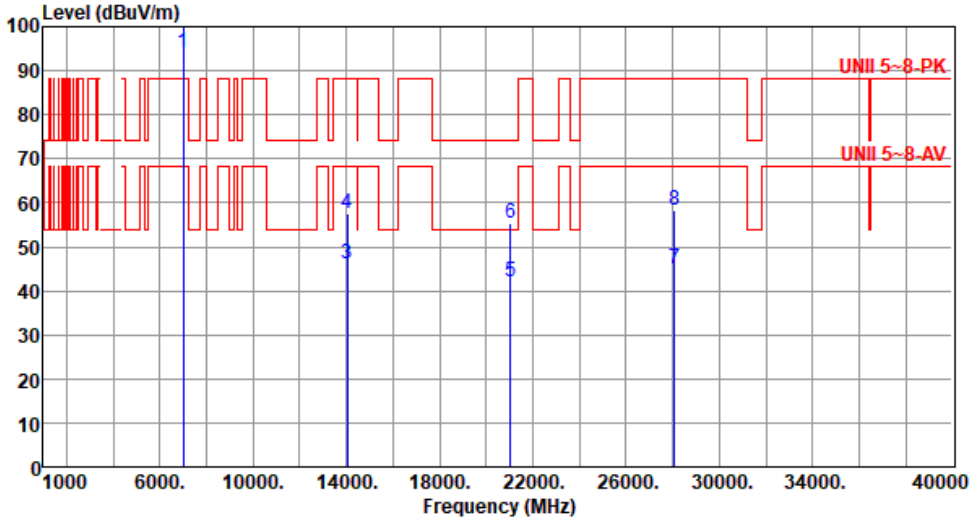


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6895.00	94.58			85.22	9.36	Average	155	6
2	*	6895.00	107.81	------	------	98.45	9.36	Peak	155	6
3		13790.00	46.56	68.20	-21.64	29.49	17.07	Average	100	35
4		13790.00	57.62	88.20	-30.58	40.55	17.07	Peak	100	35
5		20685.00	42.16	54.00	-11.84	35.74	6.42	Average	100	24
6		20685.00	55.13	74.00	-18.87	48.71	6.42	Peak	100	24
7		27580.00	45.62	68.20	-22.58	32.27	13.35	Average	301	26
8		27580.00	58.29	88.20	-29.91	44.94	13.35	Peak	301	26

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

Modulation	ax HE20	**Test Freq. (MHz)**	7015
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

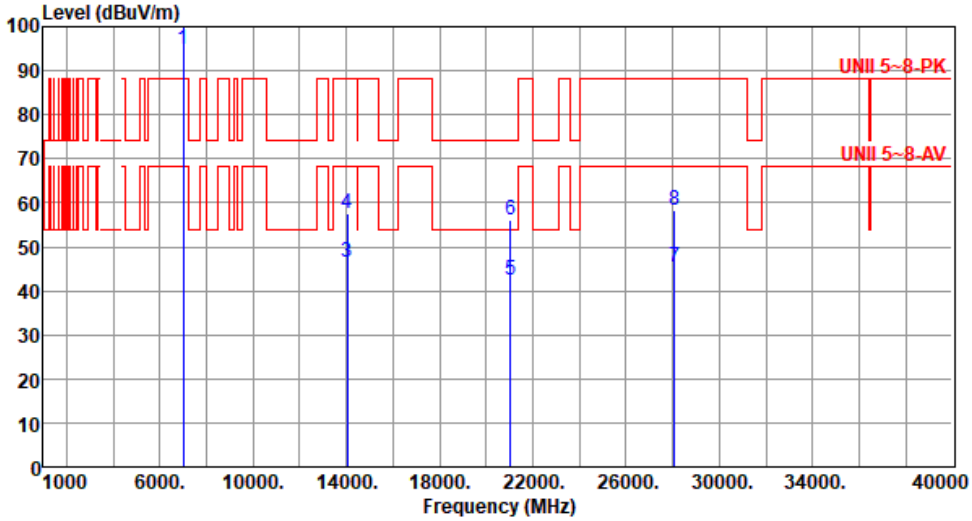


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7015.00	94.25			84.32	9.93	Average	231	46
2	*	7015.00	107.44			97.51	9.93	Peak	231	46
3		14030.00	46.29	68.20	-21.91	28.38	17.91	Average	100	34
4		14030.00	57.68	88.20	-30.52	39.77	17.91	Peak	100	34
5		21045.00	42.23	54.00	-11.77	35.37	6.86	Average	100	41
6		21045.00	55.26	74.00	-18.74	48.40	6.86	Peak	100	41
7		28060.00	45.18	68.20	-23.02	31.98	13.20	Average	192	235
8		28060.00	58.44	88.20	-29.76	45.24	13.20	Peak	192	235

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

Modulation	ax HE20	**Test Freq. (MHz)**	7015
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

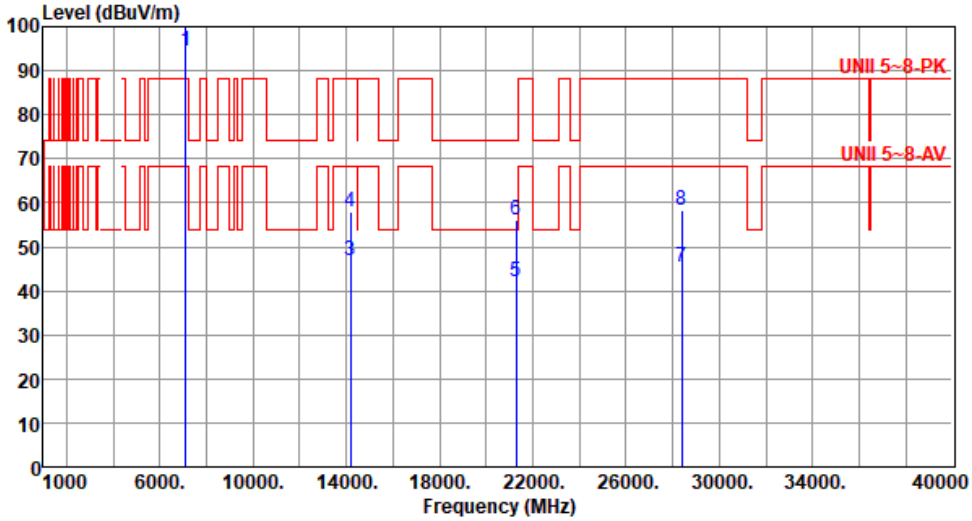


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7015.00	94.69			84.76	9.93	Average	156	5
2	*	7015.00	107.95	------	------	98.02	9.93	Peak	156	5
3		14030.00	46.58	68.20	-21.62	28.67	17.91	Average	103	51
4		14030.00	57.65	88.20	-30.55	39.74	17.91	Peak	103	51
5		21045.00	42.31	54.00	-11.69	35.45	6.86	Average	100	79
6		21045.00	56.13	74.00	-17.87	49.27	6.86	Peak	100	79
7		28060.00	45.21	68.20	-22.99	32.01	13.20	Average	284	51
8		28060.00	58.36	88.20	-29.84	45.16	13.20	Peak	284	51

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	7095
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

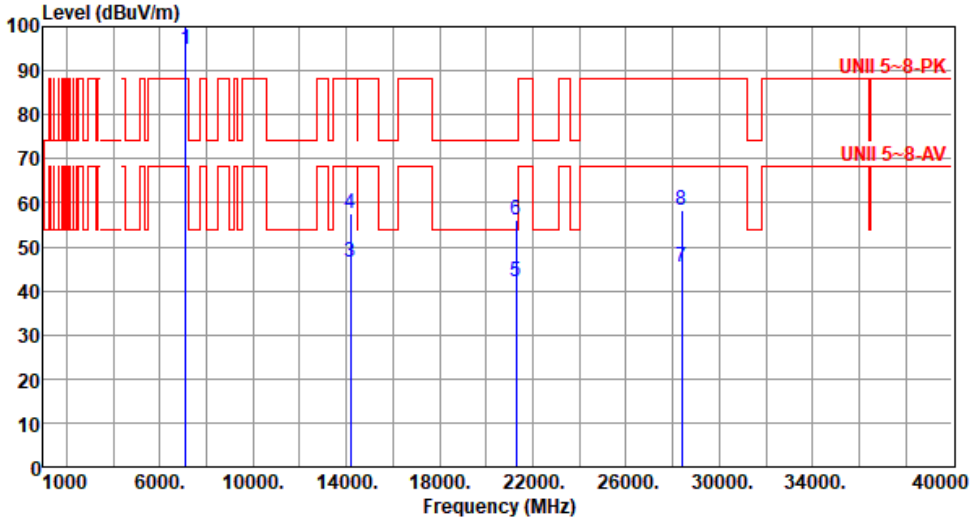


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7095.00	94.42			84.03	10.39	Average	161	8
2	*	7095.00	107.62			97.23	10.39	Peak	161	8
3		14190.00	46.69	68.20	-21.51	28.43	18.26	Average	101	54
4		14190.00	57.78	88.20	-30.42	39.52	18.26	Peak	101	54
5		21285.00	42.14	54.00	-11.86	34.88	7.26	Average	100	86
6		21285.00	55.96	74.00	-18.04	48.70	7.26	Peak	100	86
7		28380.00	45.25	68.20	-22.95	31.69	13.56	Average	293	66
8		28380.00	58.29	88.20	-29.91	44.73	13.56	Peak	293	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 HE20	**Test Freq. (MHz)**	7095
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

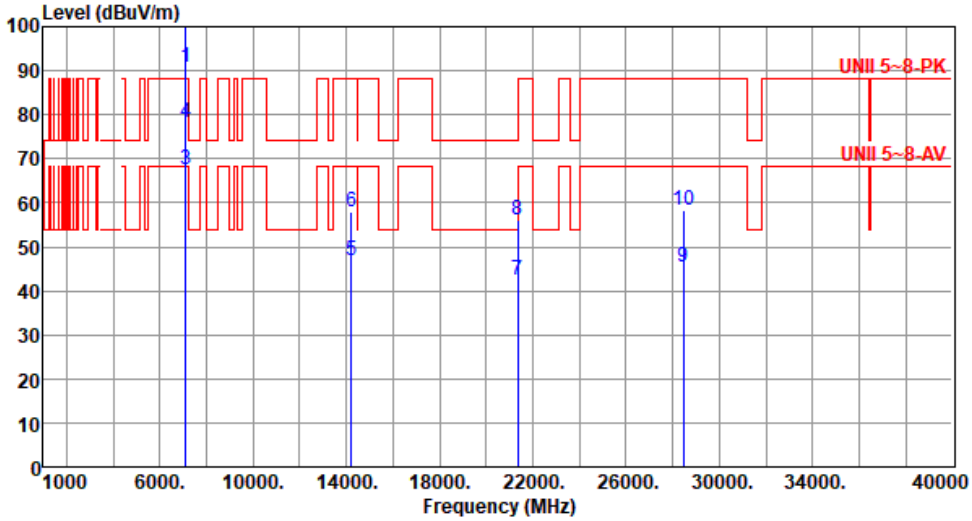


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7095.00	94.87			84.48	10.39	Average	210	48
2	*	7095.00	108.04			97.65	10.39	Peak	210	48
3		14190.00	46.59	68.20	-21.61	28.33	18.26	Average	100	75
4		14190.00	57.68	88.20	-30.52	39.42	18.26	Peak	100	75
5		21285.00	42.25	54.00	-11.75	34.99	7.26	Average	286	55
6		21285.00	56.03	74.00	-17.97	48.77	7.26	Peak	286	55
7		28380.00	45.29	68.20	-22.91	31.73	13.56	Average	296	52
8		28380.00	58.33	88.20	-29.87	44.77	13.56	Peak	296	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 HE20	**Test Freq. (MHz)**	7115
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

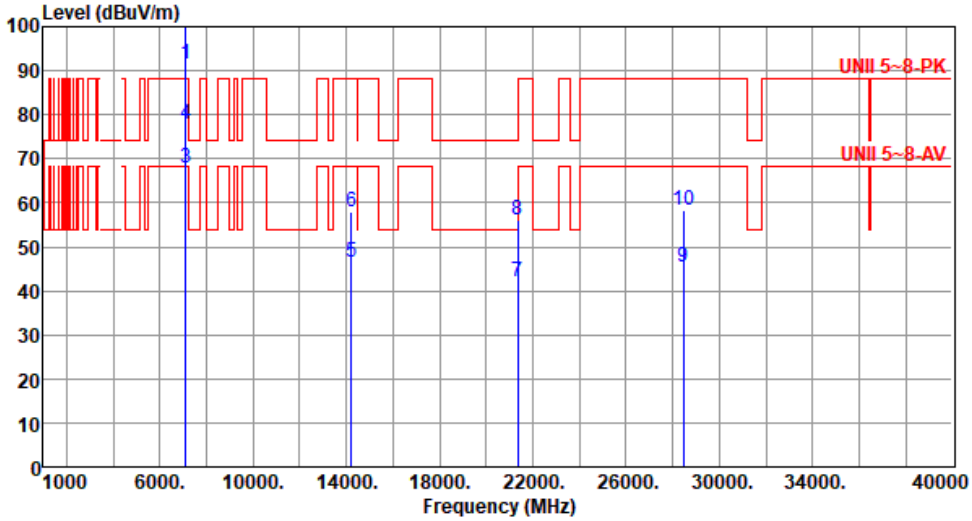


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7115.00	90.72			80.31	10.41	Average	175	6
2	*	7115.00	103.98			93.57	10.41	Peak	175	6
3		7125.00	67.35	68.20	-0.85	56.94	10.41	Average	175	6
4		7125.00	78.24	88.20	-9.96	67.83	10.41	Peak	175	6
5		14230.00	46.71	68.20	-21.49	28.40	18.31	Average	105	41
6		14230.00	57.82	88.20	-30.38	39.51	18.31	Peak	105	41
7		21345.00	42.26	54.00	-11.74	35.04	7.22	Average	100	88
8		21345.00	55.95	74.00	-18.05	48.73	7.22	Peak	100	88
9		28460.00	45.26	68.20	-22.94	31.65	13.61	Average	292	68
10		28460.00	58.31	88.20	-29.89	44.70	13.61	Peak	292	68

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	7115
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67



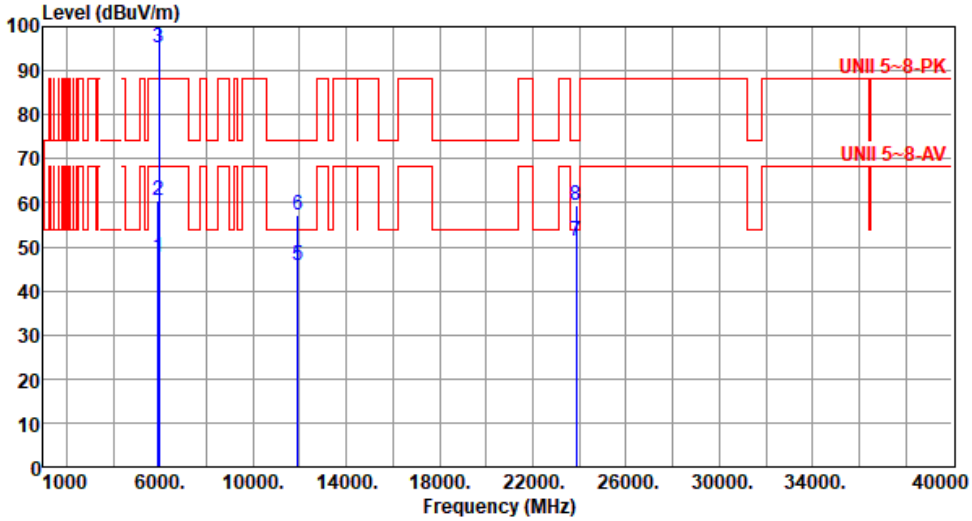
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7115.00	91.43			81.02	10.41	Average	216	59
2	*	7115.00	104.80			94.39	10.41	Peak	216	59
3		7125.00	67.76	68.20	-0.44	57.35	10.41	Average	216	59
4		7125.00	77.97	88.20	-10.23	67.56	10.41	Peak	216	59
5		14230.00	46.64	68.20	-21.56	28.33	18.31	Average	100	56
6		14230.00	57.75	88.20	-30.45	39.44	18.31	Peak	100	56
7		21345.00	42.18	54.00	-11.82	34.96	7.22	Average	100	29
8		21345.00	56.02	74.00	-17.98	48.80	7.22	Peak	100	29
9		28460.00	45.39	68.20	-22.81	31.78	13.61	Average	298	62
10		28460.00	58.38	88.20	-29.82	44.77	13.61	Peak	298	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

Unwanted Emissions (Above 1GHz) for ax HE40

Modulation	ax HE40	Test Freq. (MHz)	5965
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

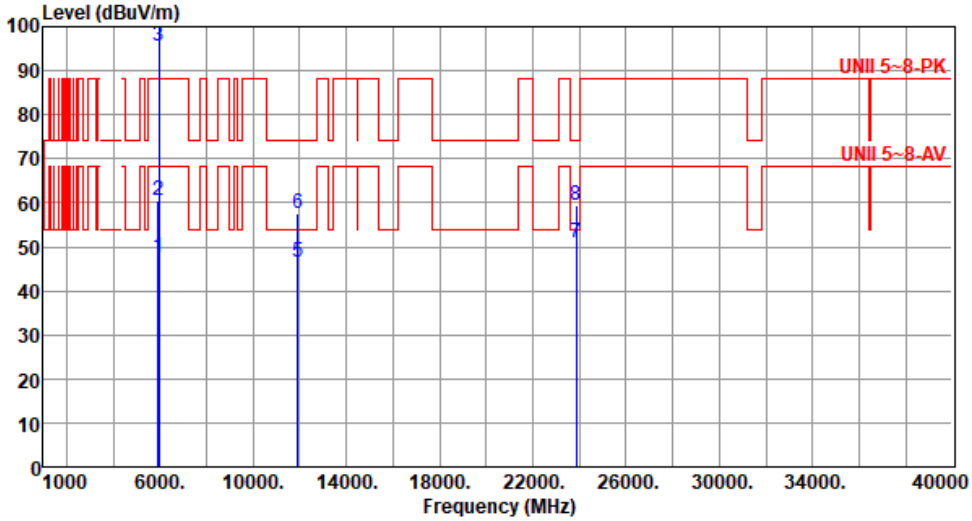


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	47.54	68.20	-20.66	40.51	7.03	Average	176	9
2		5925.00	60.58	88.20	-27.62	53.55	7.03	Peak	176	9
3	*	5965.00	95.16			88.05	7.11	Average	176	9
4	*	5965.00	108.44			101.33	7.11	Peak	176	9
5		11930.00	45.85	54.00	-8.15	31.34	14.51	Average	100	22
6		11930.00	57.16	74.00	-16.84	42.65	14.51	Peak	100	22
7		23860.00	51.16	54.00	-2.84	41.36	9.80	Average	179	244
8		23860.00	59.36	74.00	-14.64	49.56	9.80	Peak	179	244

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	5965
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

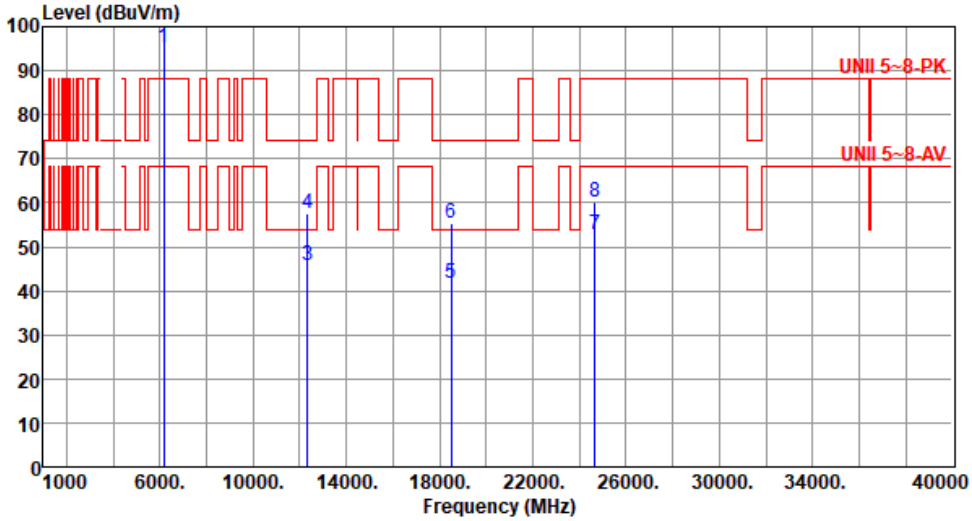


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	47.59	68.20	-20.61	40.56	7.03	Average	205	9
2		5925.00	60.65	88.20	-27.55	53.62	7.03	Peak	205	9
3	*	5965.00	95.42			88.31	7.11	Average	205	9
4	*	5965.00	108.71			101.60	7.11	Peak	205	9
5		11930.00	46.45	54.00	-7.55	31.94	14.51	Average	108	29
6		11930.00	57.62	74.00	-16.38	43.11	14.51	Peak	108	29
7		23860.00	50.91	54.00	-3.09	41.11	9.80	Average	308	41
8		23860.00	59.39	74.00	-14.61	49.59	9.80	Peak	308	41

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

Modulation	ax HE40	**Test Freq. (MHz)**	6165
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

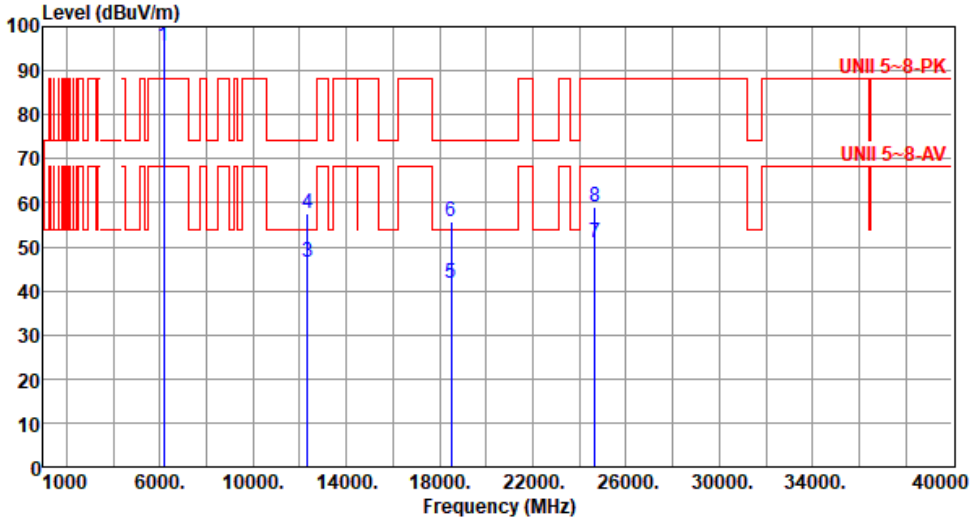


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6165.00	95.24			87.83	7.41	Average	176	11
2	*	6165.00	108.51	------	------	101.10	7.41	Peak	176	11
3		12330.00	45.88	54.00	-8.12	31.26	14.62	Average	100	46
4		12330.00	57.42	74.00	-16.58	42.80	14.62	Peak	100	46
5		18495.00	41.72	54.00	-12.28	37.87	3.85	Average	100	38
6		18495.00	55.25	74.00	-18.75	51.40	3.85	Peak	100	38
7		24660.00	52.78	68.20	-15.42	41.75	11.03	Average	178	241
8		24660.00	60.31	88.20	-27.89	49.28	11.03	Peak	178	241

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6165
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

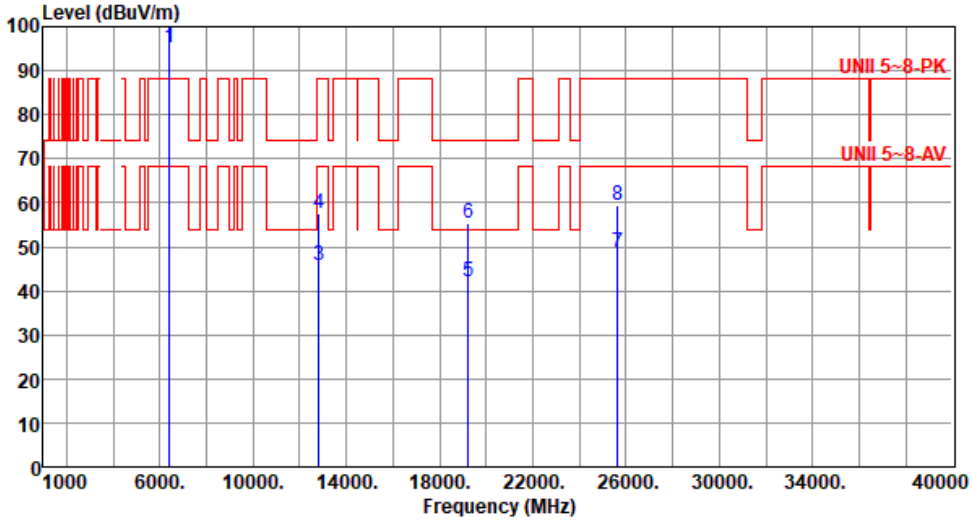


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6165.00	95.55			88.14	7.41	Average	206	6
2	*	6165.00	108.82			101.41	7.41	Peak	206	6
3		12330.00	46.51	54.00	-7.49	31.89	14.62	Average	105	23
4		12330.00	57.68	74.00	-16.32	43.06	14.62	Peak	105	23
5		18495.00	41.72	54.00	-12.28	37.87	3.85	Average	100	44
6		18495.00	55.65	74.00	-18.35	51.80	3.85	Peak	100	44
7		24660.00	50.88	68.20	-17.32	39.85	11.03	Average	325	41
8		24660.00	58.96	88.20	-29.24	47.93	11.03	Peak	325	41

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

Modulation	ax HE40	**Test Freq. (MHz)**	6405
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

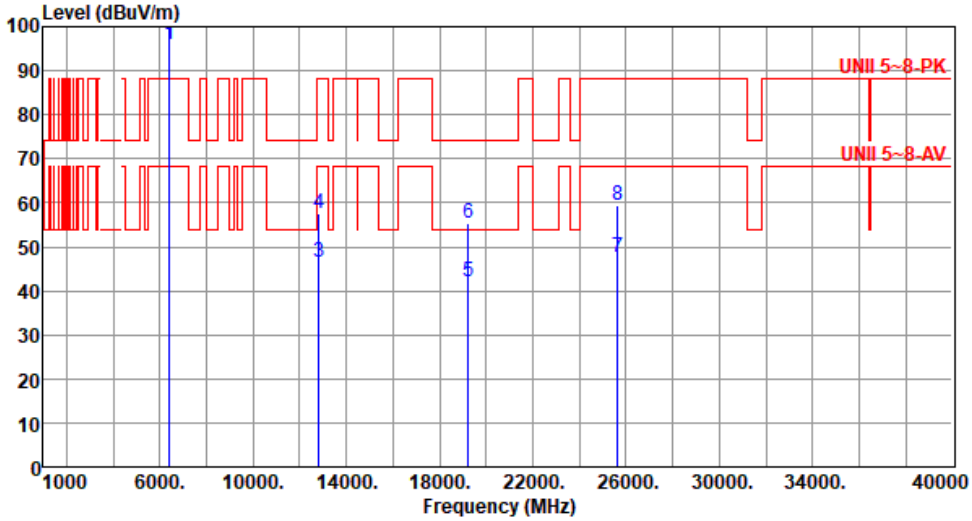


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6405.00	95.35			87.07	8.28	Average	178	14
2	*	6405.00	108.62			100.34	8.28	Peak	178	14
3		12810.00	45.86	68.20	-22.34	30.61	15.25	Average	100	44
4		12810.00	57.42	88.20	-30.78	42.17	15.25	Peak	100	44
5		19215.00	42.25	54.00	-11.75	37.39	4.86	Average	100	76
6		19215.00	55.41	74.00	-18.59	50.55	4.86	Peak	100	76
7		25620.00	48.86	68.20	-19.34	37.22	11.64	Average	181	233
8		25620.00	59.24	88.20	-28.96	47.60	11.64	Peak	181	233

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6405
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

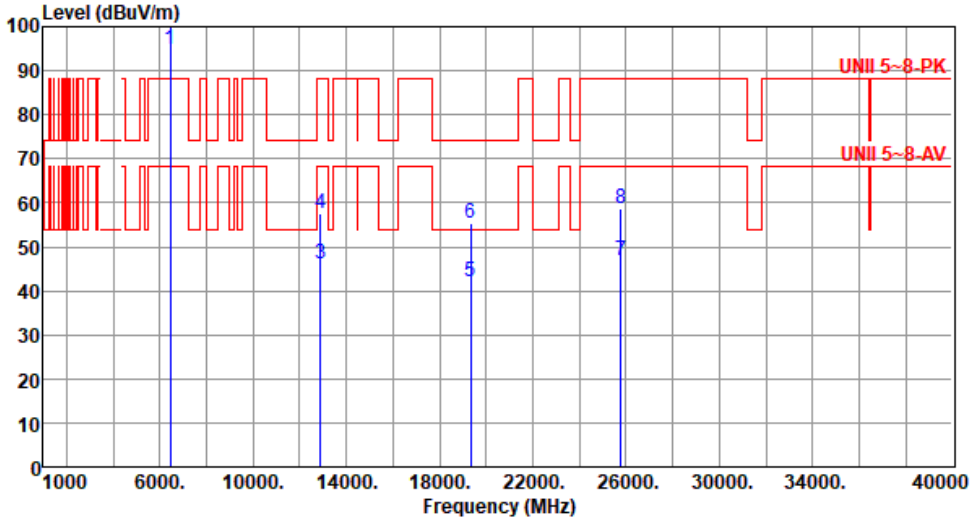


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6405.00	95.85			87.57	8.28	Average	205	12
2	*	6405.00	108.96			100.68	8.28	Peak	205	12
3		12810.00	46.42	68.20	-21.78	31.17	15.25	Average	100	55
4		12810.00	57.61	88.20	-30.59	42.36	15.25	Peak	100	55
5		19215.00	42.21	54.00	-11.79	37.35	4.86	Average	104	61
6		19215.00	55.36	74.00	-18.64	50.50	4.86	Peak	104	61
7		25620.00	47.78	68.20	-20.42	36.14	11.64	Average	304	31
8		25620.00	59.31	88.20	-28.89	47.67	11.64	Peak	304	31

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

Modulation	ax HE40	**Test Freq. (MHz)**	6445
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

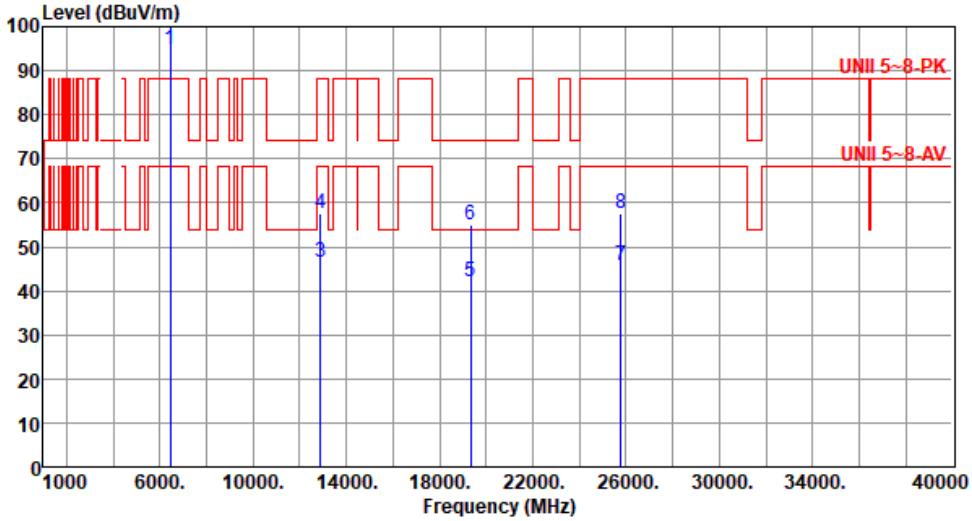


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6445.00	94.68			86.17	8.51	Average	172	11
2	*	6445.00	107.95			99.44	8.51	Peak	172	11
3		12890.00	46.08	68.20	-22.12	30.75	15.33	Average	100	36
4		12890.00	57.42	88.20	-30.78	42.09	15.33	Peak	100	36
5		19335.00	42.06	54.00	-11.94	37.22	4.84	Average	100	57
6		19335.00	55.21	74.00	-18.79	50.37	4.84	Peak	100	57
7		25780.00	46.85	68.20	-21.35	35.26	11.59	Average	196	241
8		25780.00	58.52	88.20	-29.68	46.93	11.59	Peak	196	241

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6445
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

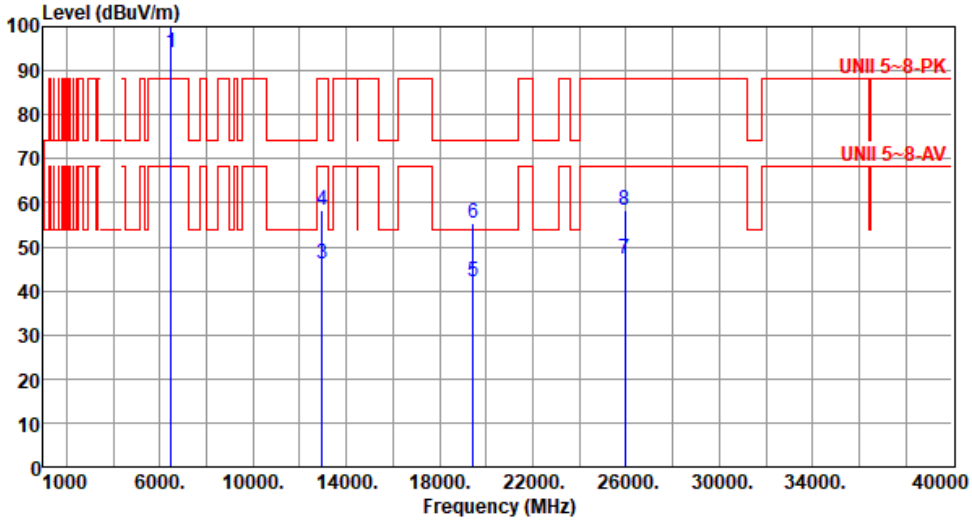


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6445.00	94.92			86.41	8.51	Average	203	18
2	*	6445.00	108.26	------	------	99.75	8.51	Peak	203	18
3		12890.00	46.42	68.20	-21.78	31.09	15.33	Average	102	36
4		12890.00	57.63	88.20	-30.57	42.30	15.33	Peak	102	36
5		19335.00	42.04	54.00	-11.96	37.20	4.84	Average	100	41
6		19335.00	55.16	74.00	-18.84	50.32	4.84	Peak	100	41
7		25780.00	45.69	68.20	-22.51	34.10	11.59	Average	311	25
8		25780.00	57.48	88.20	-30.72	45.89	11.59	Peak	311	25

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

Modulation	ax HE40	**Test Freq. (MHz)**	6485
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

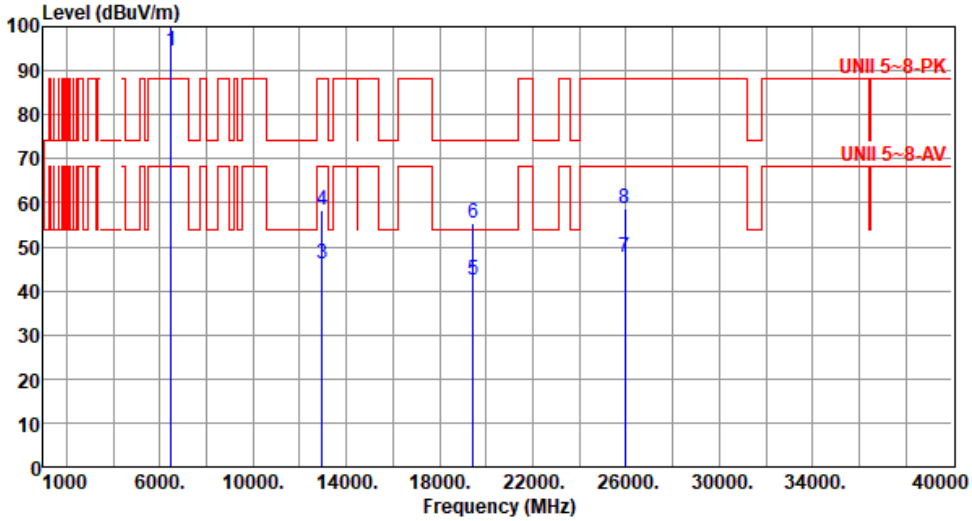


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6485.00	93.92			85.26	8.66	Average	179	26
2	*	6485.00	107.62			98.96	8.66	Peak	179	26
3		12970.00	45.96	68.20	-22.24	30.47	15.49	Average	100	52
4		12970.00	58.24	88.20	-29.96	42.75	15.49	Peak	100	52
5		19455.00	42.16	54.00	-11.84	37.33	4.83	Average	100	55
6		19455.00	55.25	74.00	-18.75	50.42	4.83	Peak	100	55
7		25940.00	47.18	68.20	-21.02	35.38	11.80	Average	100	253
8		25940.00	58.20	88.20	-30.00	46.40	11.80	Peak	100	253

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6485
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

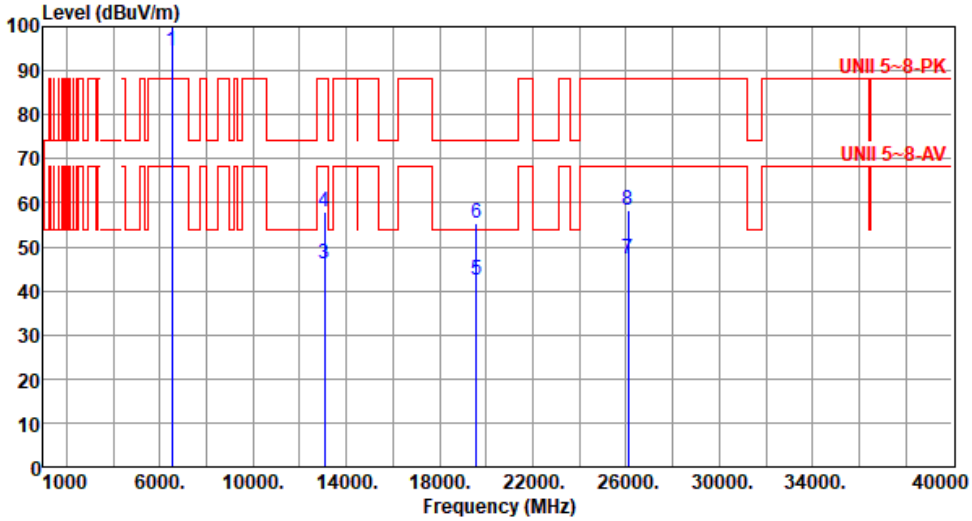


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6485.00	94.49			85.83	8.66	Average	229	50
2	*	6485.00	107.98			99.32	8.66	Peak	229	50
3		12970.00	46.24	68.20	-21.96	30.75	15.49	Average	100	33
4		12970.00	58.29	88.20	-29.91	42.80	15.49	Peak	100	33
5		19455.00	42.60	54.00	-11.40	37.77	4.83	Average	100	37
6		19455.00	55.51	74.00	-18.49	50.68	4.83	Peak	100	37
7		25940.00	47.52	68.20	-20.68	35.72	11.80	Average	100	48
8		25940.00	58.55	88.20	-29.65	46.75	11.80	Peak	100	48

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6525
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

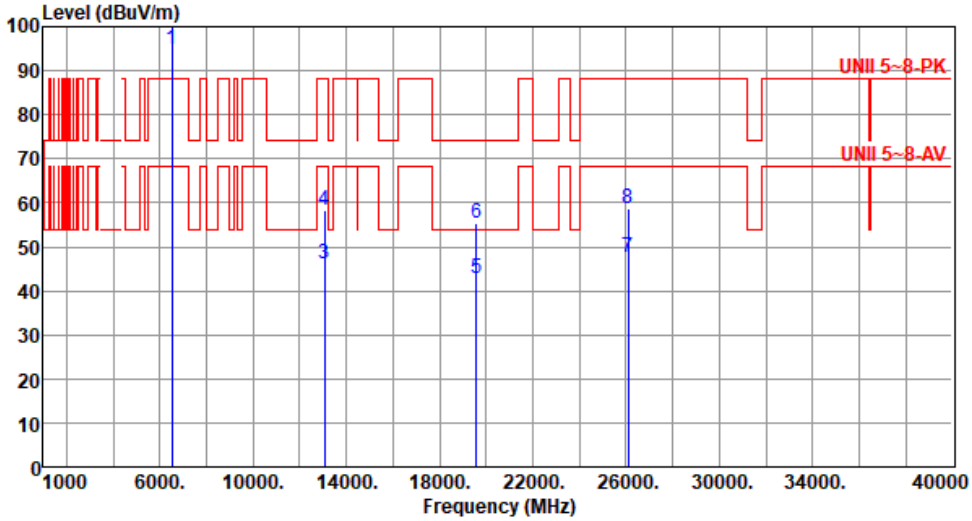


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6525.00	94.57			85.72	8.85	Average	173	12
2	*	6525.00	107.63			98.78	8.85	Peak	173	12
3		13050.00	45.98	68.20	-22.22	30.38	15.60	Average	100	35
4		13050.00	57.98	88.20	-30.22	42.38	15.60	Peak	100	35
5		19575.00	42.38	54.00	-11.62	37.39	4.99	Average	100	47
6		19575.00	55.47	74.00	-18.53	50.48	4.99	Peak	100	47
7		26100.00	47.38	68.20	-20.82	35.33	12.05	Average	100	247
8		26100.00	58.43	88.20	-29.77	46.38	12.05	Peak	100	247

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6525
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

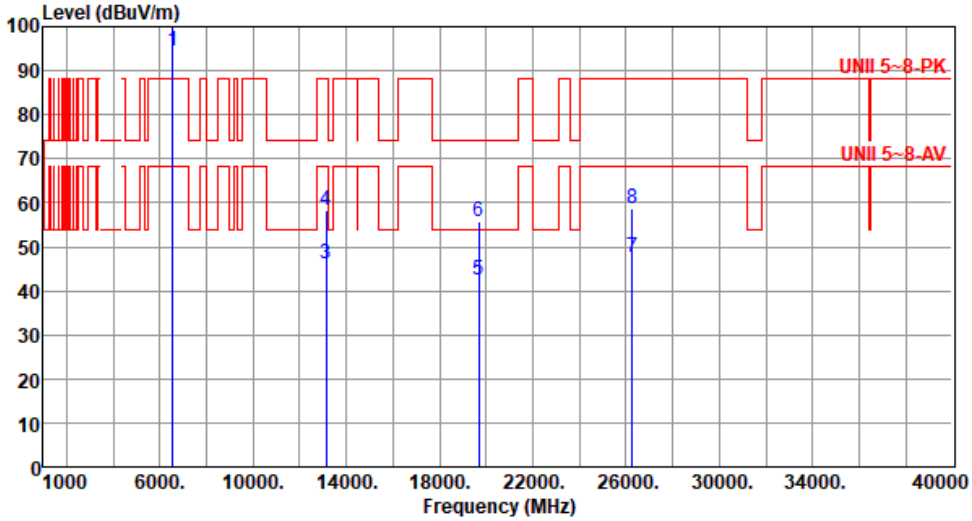


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6525.00	94.88			86.03	8.85	Average	207	35
2	*	6525.00	107.88	------	------	99.03	8.85	Peak	207	35
3		13050.00	46.30	68.20	-21.90	30.70	15.60	Average	100	27
4		13050.00	58.28	88.20	-29.92	42.68	15.60	Peak	100	27
5		19575.00	42.65	54.00	-11.35	37.66	4.99	Average	100	30
6		19575.00	55.44	74.00	-18.56	50.45	4.99	Peak	100	30
7		26100.00	47.74	68.20	-20.46	35.69	12.05	Average	100	35
8		26100.00	58.75	88.20	-29.45	46.70	12.05	Peak	100	35

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

Modulation	ax HE40	**Test Freq. (MHz)**	6565
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

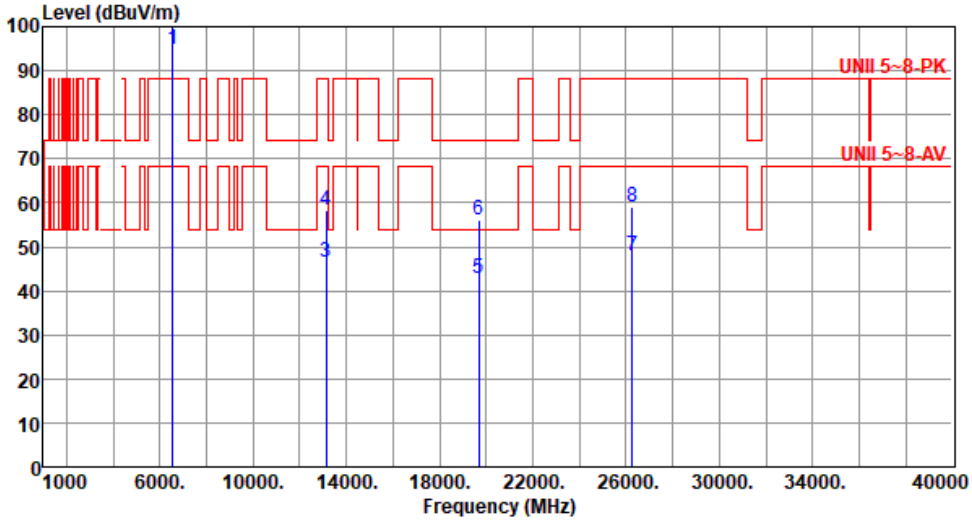


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6565.00	94.52			85.58	8.94	Average	178	17
2	*	6565.00	107.72			98.78	8.94	Peak	178	17
3		13130.00	46.03	68.20	-22.17	30.32	15.71	Average	100	59
4		13130.00	58.19	88.20	-30.01	42.48	15.71	Peak	100	59
5		19695.00	42.57	54.00	-11.43	37.32	5.25	Average	100	60
6		19695.00	55.69	74.00	-18.31	50.44	5.25	Peak	100	60
7		26260.00	47.69	68.20	-20.51	35.37	12.32	Average	100	248
8		26260.00	58.76	88.20	-29.44	46.44	12.32	Peak	100	248

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6565
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

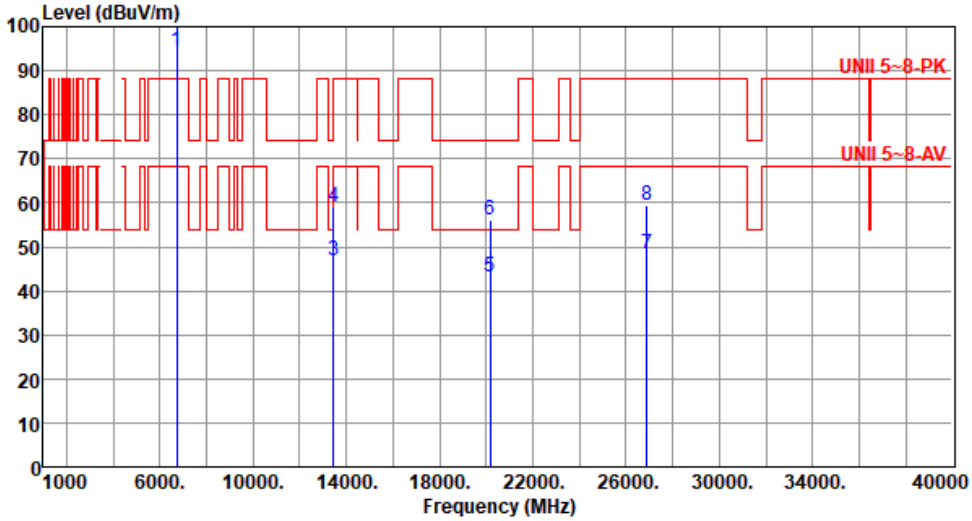


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6565.00	94.97			86.03	8.94	Average	202	37
2	*	6565.00	107.99			99.05	8.94	Peak	202	37
3		13130.00	46.37	68.20	-21.83	30.66	15.71	Average	100	28
4		13130.00	58.39	88.20	-29.81	42.68	15.71	Peak	100	28
5		19695.00	42.97	54.00	-11.03	37.72	5.25	Average	100	33
6		19695.00	55.93	74.00	-18.07	50.68	5.25	Peak	100	33
7		26260.00	48.01	68.20	-20.19	35.69	12.32	Average	100	31
8		26260.00	59.00	88.20	-29.20	46.68	12.32	Peak	100	31

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

Modulation	ax HE40	**Test Freq. (MHz)**	6725
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

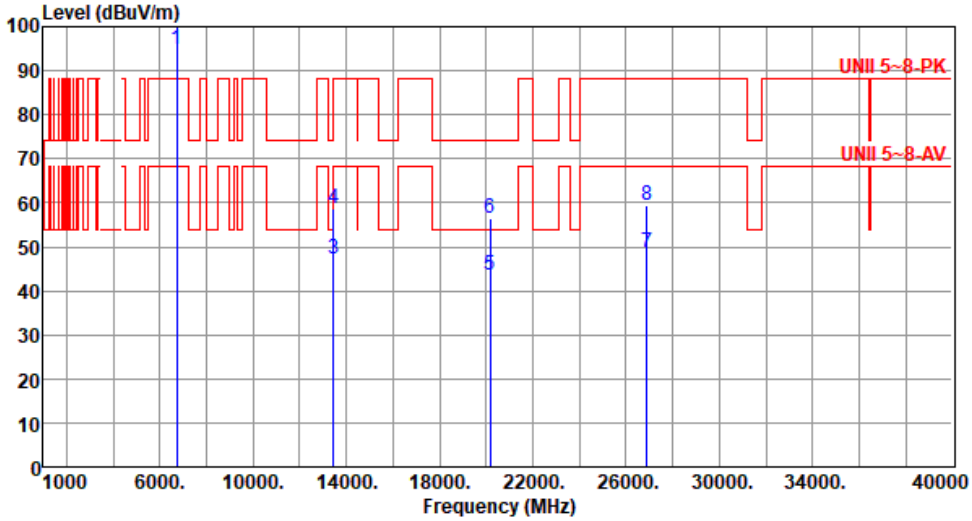


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6725.00	94.45			85.79	8.66	Average	182	9
2	*	6725.00	107.57			98.91	8.66	Peak	182	9
3		13450.00	46.95	68.20	-21.25	30.25	16.70	Average	100	59
4		13450.00	59.03	88.20	-29.17	42.33	16.70	Peak	100	59
5		20175.00	43.13	54.00	-10.87	37.36	5.77	Average	100	52
6		20175.00	56.18	74.00	-17.82	50.41	5.77	Peak	100	52
7		26900.00	48.29	68.20	-19.91	35.45	12.84	Average	100	258
8		26900.00	59.24	88.20	-28.96	46.40	12.84	Peak	100	258

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

Modulation	ax HE40	**Test Freq. (MHz)**	6725
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

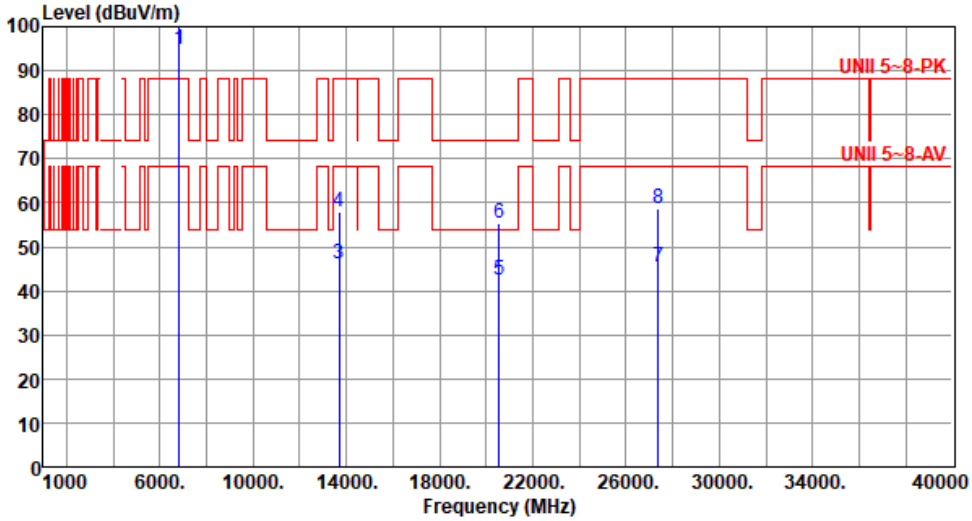


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6725.00	94.79			86.13	8.66	Average	217	31
2	*	6725.00	107.95	------	------	99.29	8.66	Peak	217	31
3		13450.00	47.34	68.20	-20.86	30.64	16.70	Average	100	38
4		13450.00	58.70	88.20	-29.50	42.00	16.70	Peak	100	38
5		20175.00	43.46	54.00	-10.54	37.69	5.77	Average	100	42
6		20175.00	56.52	74.00	-17.48	50.75	5.77	Peak	100	42
7		26900.00	48.56	68.20	-19.64	35.72	12.84	Average	100	36
8		26900.00	59.50	88.20	-28.70	46.66	12.84	Peak	100	36

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6845
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

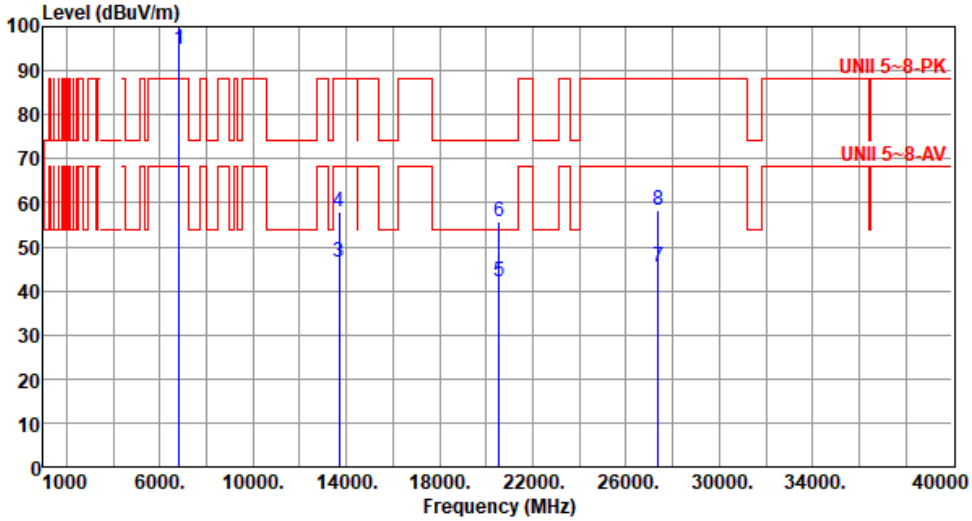


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6845.00	94.66			85.56	9.10	Average	190	20
2	*	6845.00	108.15	------	------	99.05	9.10	Peak	190	20
3		13690.00	46.25	68.20	-21.95	29.31	16.94	Average	100	56
4		13690.00	57.81	88.20	-30.39	40.87	16.94	Peak	100	56
5		20535.00	42.38	54.00	-11.62	35.89	6.49	Average	106	42
6		20535.00	55.49	74.00	-18.51	49.00	6.49	Peak	106	42
7		27380.00	45.23	68.20	-22.97	32.02	13.21	Average	100	68
8		27380.00	58.49	88.20	-29.71	45.28	13.21	Peak	100	68

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6845
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

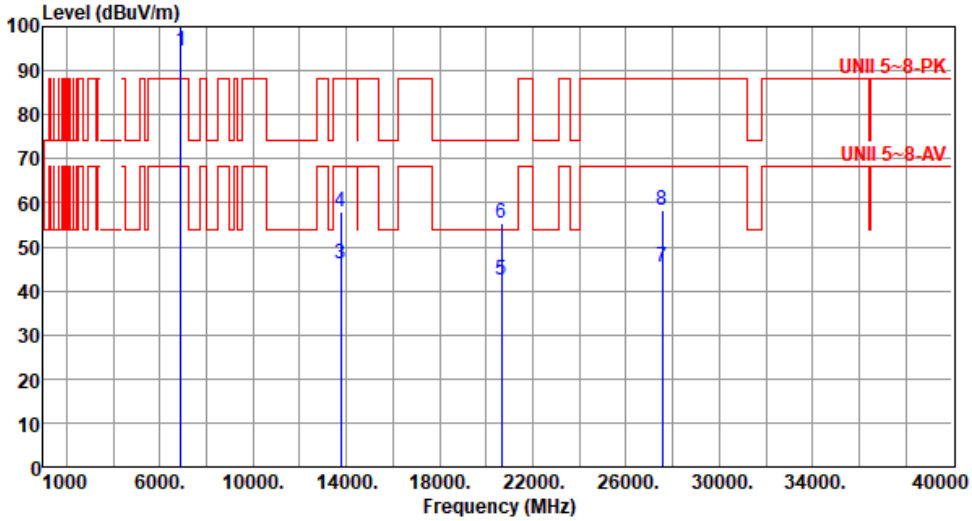


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6845.00	95.00			85.90	9.10	Average	220	40
2	*	6845.00	108.22			99.12	9.10	Peak	220	40
3		13690.00	46.54	68.20	-21.66	29.60	16.94	Average	100	92
4		13690.00	57.86	88.20	-30.34	40.92	16.94	Peak	100	92
5		20535.00	42.06	54.00	-11.94	35.57	6.49	Average	100	45
6		20535.00	55.82	74.00	-18.18	49.33	6.49	Peak	100	45
7		27380.00	45.26	68.20	-22.94	32.05	13.21	Average	100	45
8		27380.00	58.21	88.20	-29.99	45.00	13.21	Peak	100	45

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

Modulation	ax HE40	**Test Freq. (MHz)**	6885
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

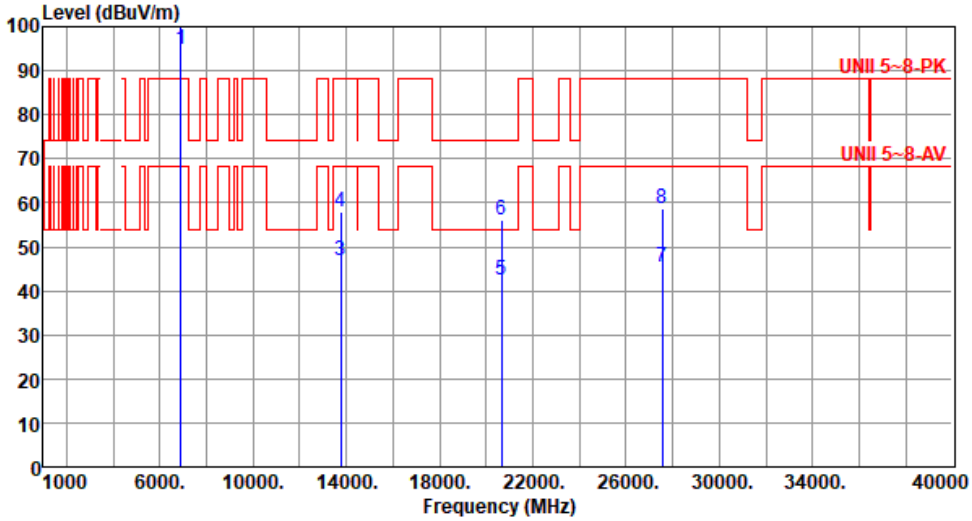


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6885.00	94.55			85.24	9.31	Average	186	19
2	*	6885.00	107.65			98.34	9.31	Peak	186	19
3		13770.00	46.21	68.20	-21.99	29.17	17.04	Average	100	52
4		13770.00	57.75	88.20	-30.45	40.71	17.04	Peak	100	52
5		20655.00	42.29	54.00	-11.71	35.85	6.44	Average	100	48
6		20655.00	55.36	74.00	-18.64	48.92	6.44	Peak	100	48
7		27540.00	45.29	68.20	-22.91	31.89	13.40	Average	185	209
8		27540.00	58.44	88.20	-29.76	45.04	13.40	Peak	185	209

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6885
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

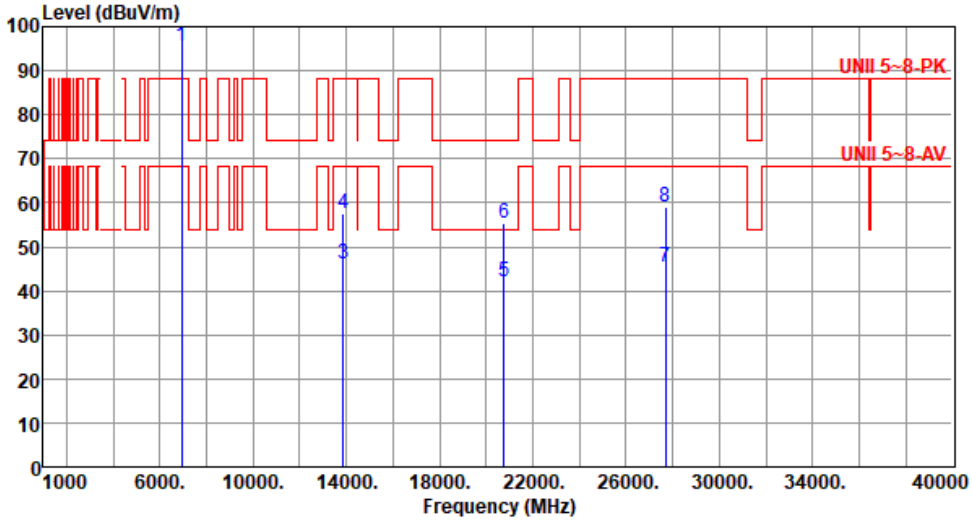


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6885.00	94.90			85.59	9.31	Average	225	36
2	*	6885.00	118.44	------	------	109.13	9.31	Peak	225	36
3		13770.00	46.77	68.20	-21.43	29.73	17.04	Average	103	49
4		13770.00	57.88	88.20	-30.32	40.84	17.04	Peak	103	49
5		20655.00	42.41	54.00	-11.59	35.97	6.44	Average	100	81
6		20655.00	56.19	74.00	-17.81	49.75	6.44	Peak	100	81
7		27540.00	45.49	68.20	-22.71	32.09	13.40	Average	285	63
8		27540.00	58.56	88.20	-29.64	45.16	13.40	Peak	285	63

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6925
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

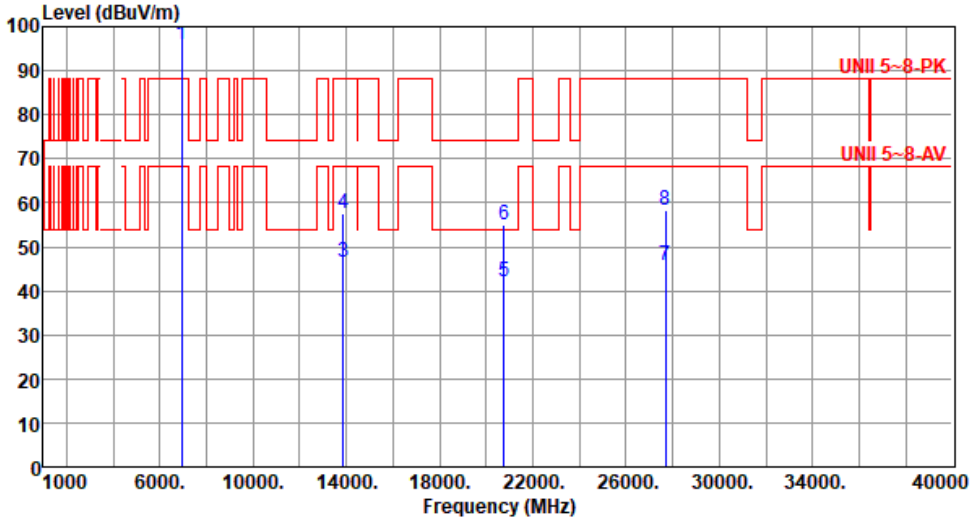


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6925.00	95.72			86.21	9.51	Average	195	22
2	*	6925.00	109.33			99.82	9.51	Peak	195	22
3		13850.00	46.11	68.20	-22.09	28.90	17.21	Average	100	38
4		13850.00	57.58	88.20	-30.62	40.37	17.21	Peak	100	38
5		20775.00	41.95	54.00	-12.05	35.52	6.43	Average	100	77
6		20775.00	55.45	74.00	-18.55	49.02	6.43	Peak	100	77
7		27700.00	45.43	68.20	-22.77	32.27	13.16	Average	191	205
8		27700.00	58.92	88.20	-29.28	45.76	13.16	Peak	191	205

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

Modulation	ax HE40	**Test Freq. (MHz)**	6925
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

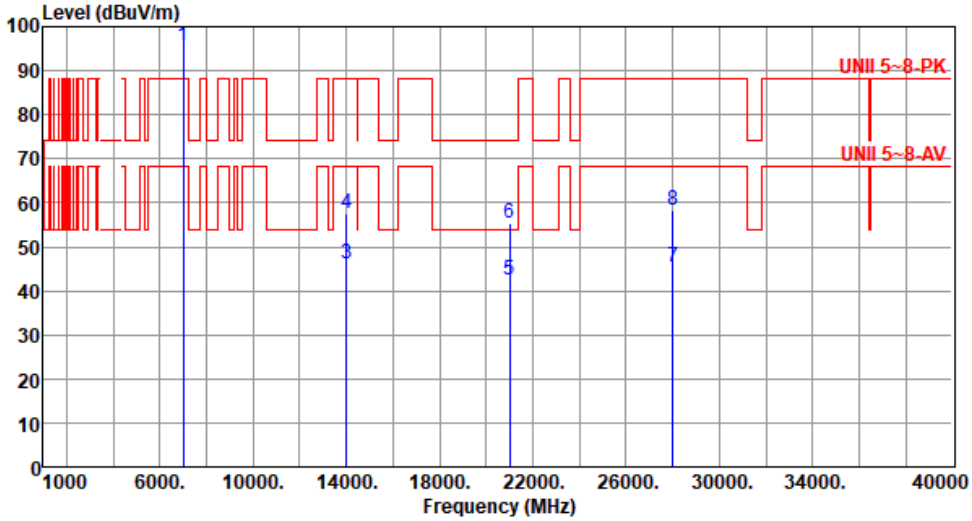


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6925.00	95.90			86.39	9.51	Average	225	39
2	*	6925.00	109.60			100.09	9.51	Peak	225	39
3		13850.00	46.64	68.20	-21.56	29.43	17.21	Average	100	22
4		13850.00	57.69	88.20	-30.51	40.48	17.21	Peak	100	22
5		20775.00	42.13	54.00	-11.87	35.70	6.43	Average	100	48
6		20775.00	55.09	74.00	-18.91	48.66	6.43	Peak	100	48
7		27700.00	45.68	68.20	-22.52	32.52	13.16	Average	302	24
8		27700.00	58.33	88.20	-29.87	45.17	13.16	Peak	302	24

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	7005
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

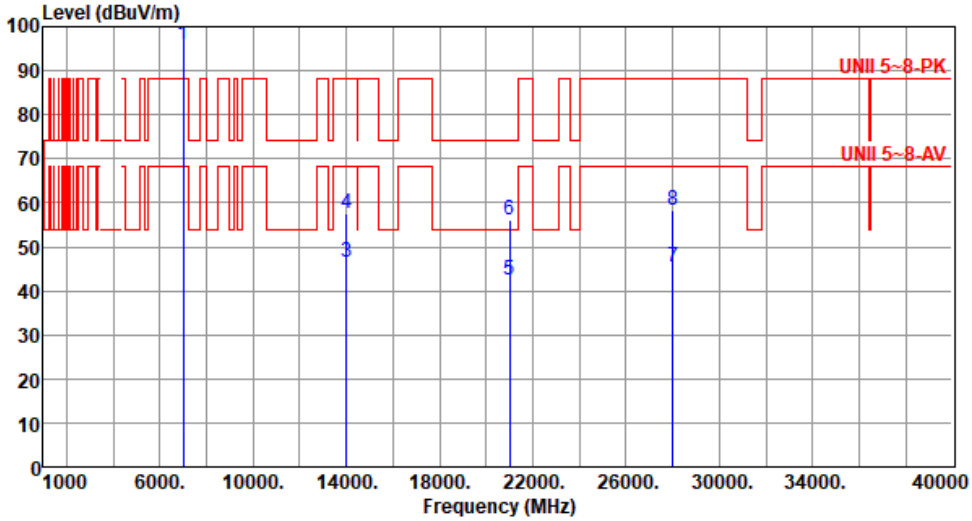


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7005.00	95.48			85.59	9.89	Average	200	25
2	*	7005.00	109.18	------	------	99.29	9.89	Peak	200	25
3		14010.00	46.22	68.20	-21.98	28.41	17.81	Average	100	31
4		14010.00	57.62	88.20	-30.58	39.81	17.81	Peak	100	31
5		21015.00	42.28	54.00	-11.72	35.48	6.80	Average	100	25
6		21015.00	55.33	74.00	-18.67	48.53	6.80	Peak	100	25
7		28020.00	45.25	68.20	-22.95	32.12	13.13	Average	196	215
8		28020.00	58.47	88.20	-29.73	45.34	13.13	Peak	196	215

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

Modulation	ax HE40	**Test Freq. (MHz)**	7005
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

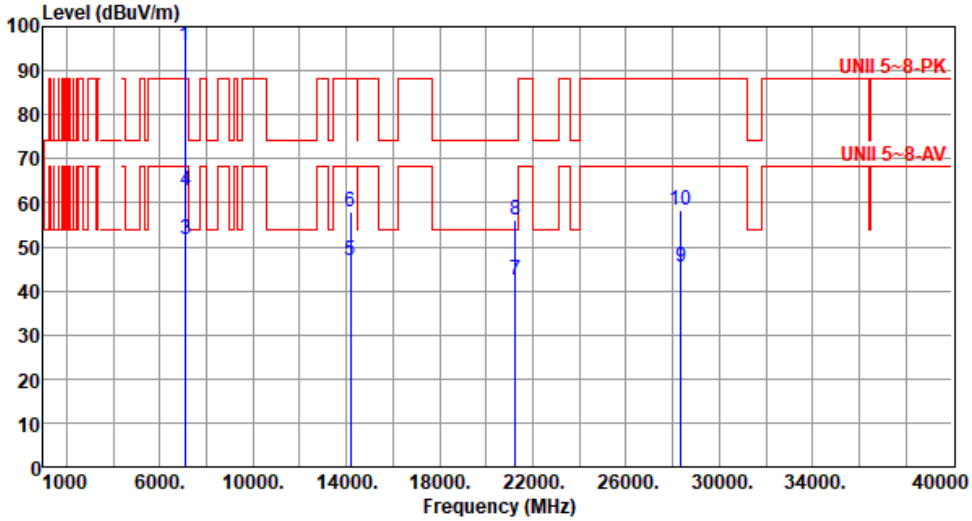


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7005.00	95.88			85.99	9.89	Average	221	29
2	*	7005.00	109.44			99.55	9.89	Peak	221	29
3		14010.00	46.65	68.20	-21.55	28.84	17.81	Average	104	46
4		14010.00	57.72	88.20	-30.48	39.91	17.81	Peak	104	46
5		21015.00	42.26	54.00	-11.74	35.46	6.80	Average	100	81
6		21015.00	56.08	74.00	-17.92	49.28	6.80	Peak	100	81
7		28020.00	45.34	68.20	-22.86	32.21	13.13	Average	291	65
8		28020.00	58.42	88.20	-29.78	45.29	13.13	Peak	291	65

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	7085
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

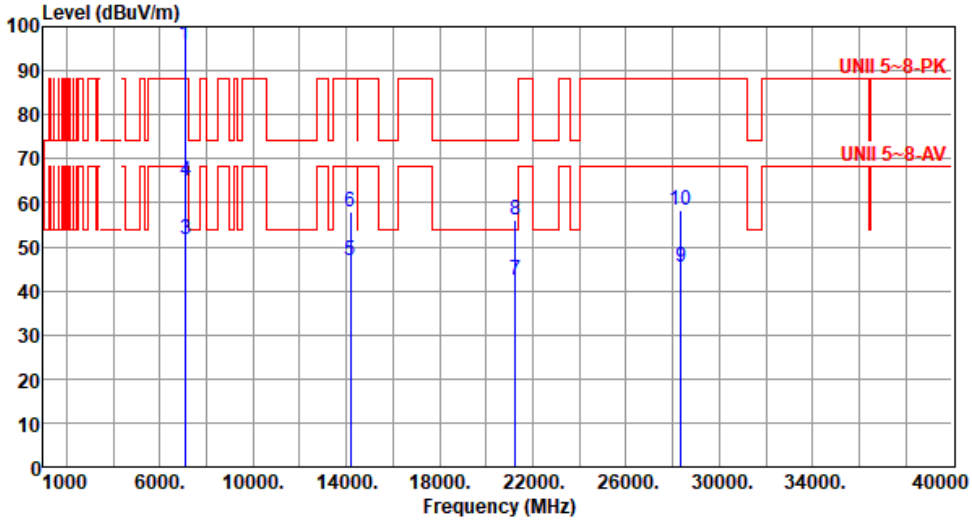


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7085.00	95.42			85.10	10.32	Average	201	17
2	*	7085.00	108.20	------	------	97.88	10.32	Peak	201	17
3		7125.00	51.58	68.20	-16.62	41.17	10.41	Average	201	17
4		7125.00	62.81	88.20	-25.39	52.40	10.41	Peak	201	17
5		14170.00	46.77	68.20	-21.43	28.52	18.25	Average	106	44
6		14170.00	57.85	88.20	-30.35	39.60	18.25	Peak	106	44
7		21255.00	42.29	54.00	-11.71	35.03	7.26	Average	100	84
8		21255.00	56.02	74.00	-17.98	48.76	7.26	Peak	100	84
9		28340.00	45.36	68.20	-22.84	31.82	13.54	Average	291	78
10		28340.00	58.42	88.20	-29.78	44.88	13.54	Peak	291	78

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	7085
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67



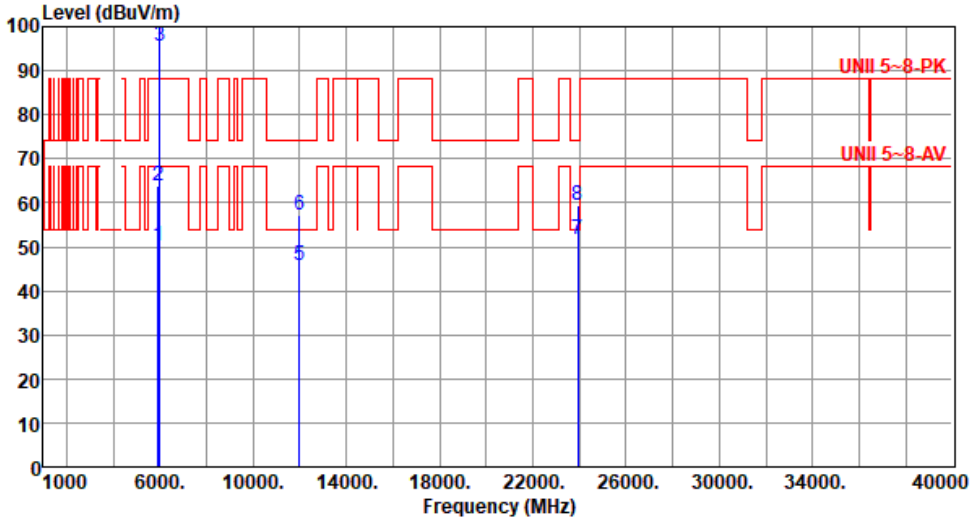
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7085.00	95.81			85.49	10.32	Average	212	41
2	*	7085.00	108.77	------	-----	98.45	10.32	Peak	212	41
3		7125.00	51.66	68.20	-16.54	41.25	10.41	Average	212	41
4		7125.00	64.99	88.20	-23.21	54.58	10.41	Peak	212	41
5		14170.00	46.72	68.20	-21.48	28.47	18.25	Average	100	62
6		14170.00	57.87	88.20	-30.33	39.62	18.25	Peak	100	62
7		21255.00	42.33	54.00	-11.67	35.07	7.26	Average	100	81
8		21255.00	56.14	74.00	-17.86	48.88	7.26	Peak	100	81
9		28340.00	45.42	68.20	-22.78	31.88	13.54	Average	294	58
10		28340.00	58.47	88.20	-29.73	44.93	13.54	Peak	294	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

Unwanted Emissions (Above 1GHz) for ax HE80

Modulation	ax HE80	**Test Freq. (MHz)**	5985
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

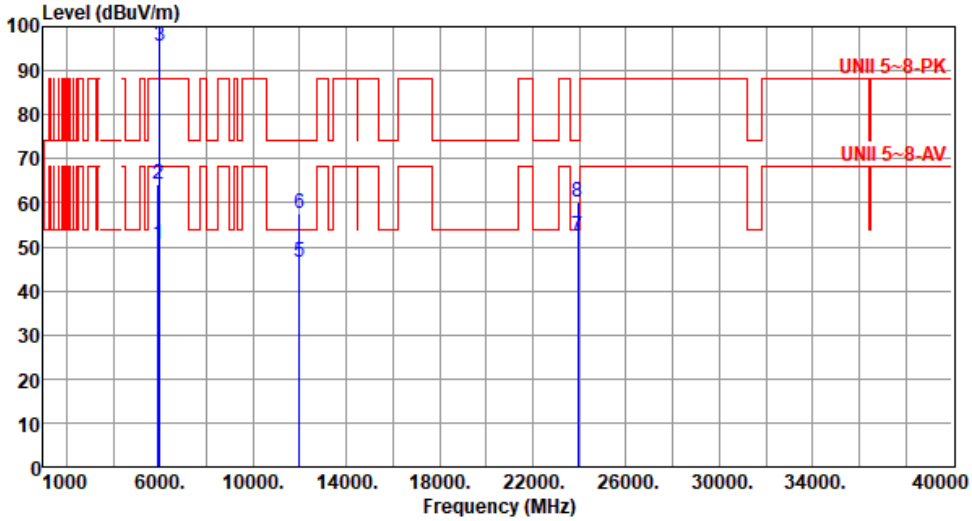


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	50.12	68.20	-18.08	43.09	7.03	Average	175	8
2		5925.00	63.85	88.20	-24.35	56.82	7.03	Peak	175	8
3	*	5985.00	95.42			88.26	7.16	Average	175	8
4	*	5985.00	109.02			101.86	7.16	Peak	175	8
5		11970.00	45.88	54.00	-8.12	31.27	14.61	Average	100	19
6		11970.00	57.21	74.00	-16.79	42.60	14.61	Peak	100	19
7		23940.00	51.54	54.00	-2.46	41.55	9.99	Average	179	221
8		23940.00	59.45	74.00	-14.55	49.46	9.99	Peak	179	221

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

Modulation	ax HE80	**Test Freq. (MHz)**	5985
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

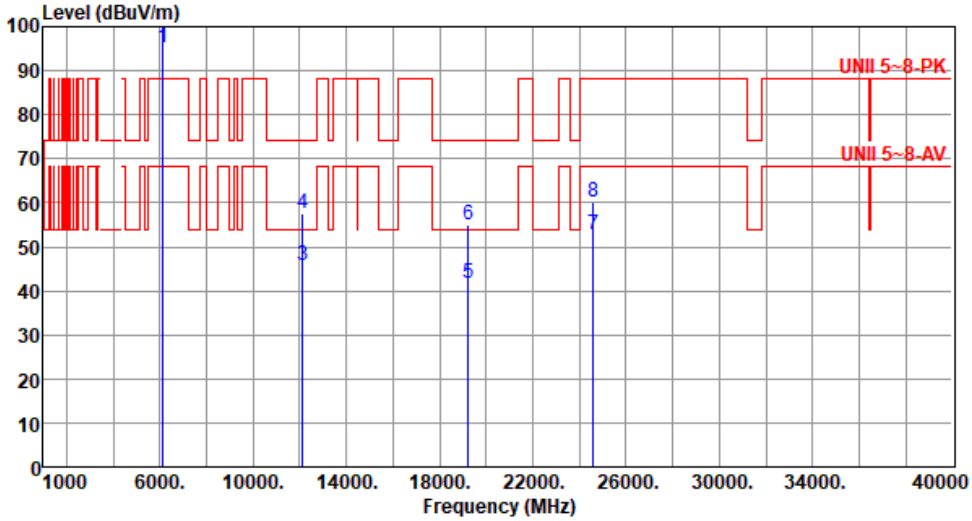


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	50.44	68.20	-17.76	43.41	7.03	Average	206	8
2		5925.00	64.02	88.20	-24.18	56.99	7.03	Peak	206	8
3	*	5985.00	95.75			88.59	7.16	Average	206	8
4	*	5985.00	109.31			102.15	7.16	Peak	206	8
5		11970.00	46.40	54.00	-7.60	31.79	14.61	Average	102	25
6		11970.00	57.54	74.00	-16.46	42.93	14.61	Peak	102	25
7		23940.00	52.46	54.00	-1.54	42.47	9.99	Average	308	40
8		23940.00	59.97	74.00	-14.03	49.98	9.99	Peak	308	40

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

Modulation	ax HE80	**Test Freq. (MHz)**	6145
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

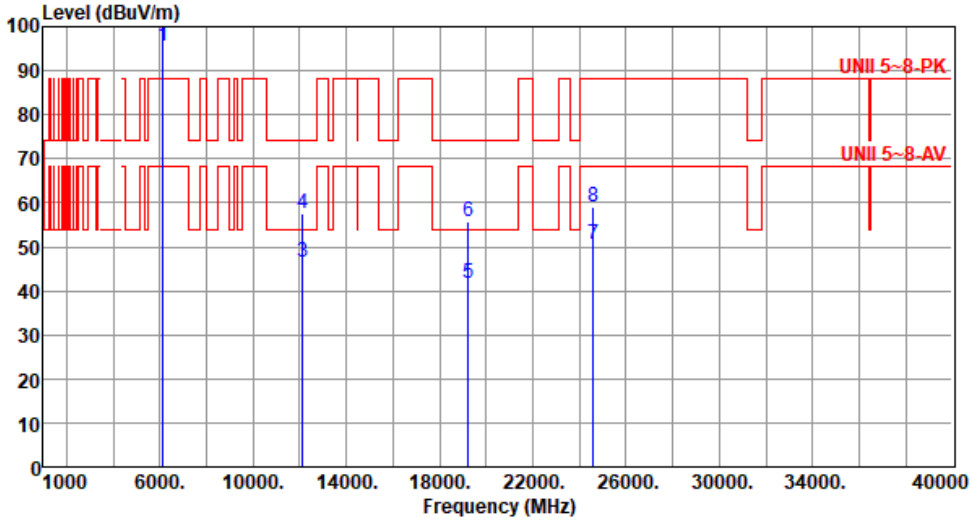


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6145.00	95.32			87.97	7.35	Average	178	9
2	*	6145.00	108.85			101.50	7.35	Peak	178	9
3		12130.00	45.92	54.00	-8.08	30.88	15.04	Average	100	24
4		12130.00	57.46	74.00	-16.54	42.42	15.04	Peak	100	24
5		19245.00	41.65	54.00	-12.35	36.80	4.85	Average	100	45
6		19245.00	55.13	74.00	-18.87	50.28	4.85	Peak	100	45
7		24580.00	52.72	68.20	-15.48	41.67	11.05	Average	177	240
8		24580.00	60.18	88.20	-28.02	49.13	11.05	Peak	177	240

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6145
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

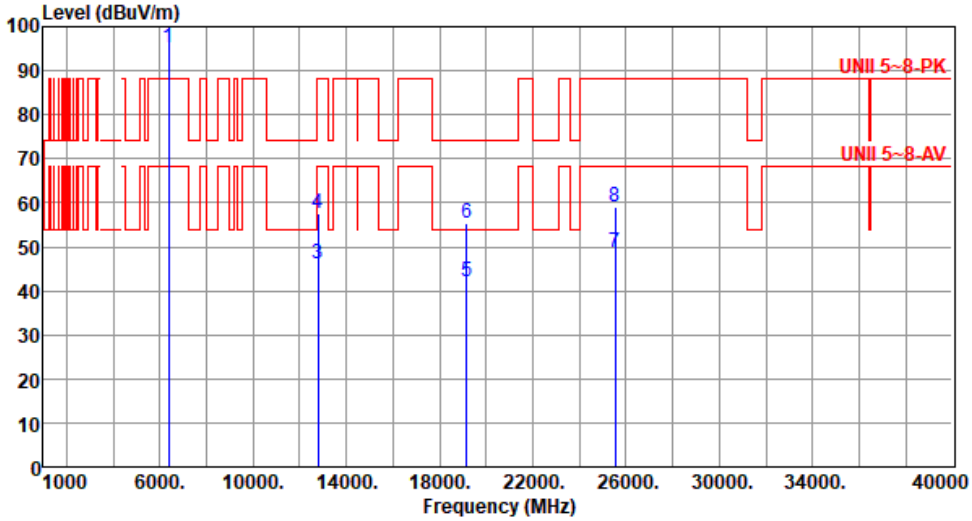


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6145.00	95.62			88.27	7.35	Average	205	11
2	*	6145.00	109.25			101.90	7.35	Peak	205	11
3		12130.00	46.49	54.00	-7.51	31.45	15.04	Average	100	38
4		12130.00	57.61	74.00	-16.39	42.57	15.04	Peak	100	38
5		19245.00	41.62	54.00	-12.38	36.77	4.85	Average	100	52
6		19245.00	55.59	74.00	-18.41	50.74	4.85	Peak	100	52
7		24580.00	50.72	68.20	-17.48	39.67	11.05	Average	322	39
8		24580.00	58.93	88.20	-29.27	47.88	11.05	Peak	322	39

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6385
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

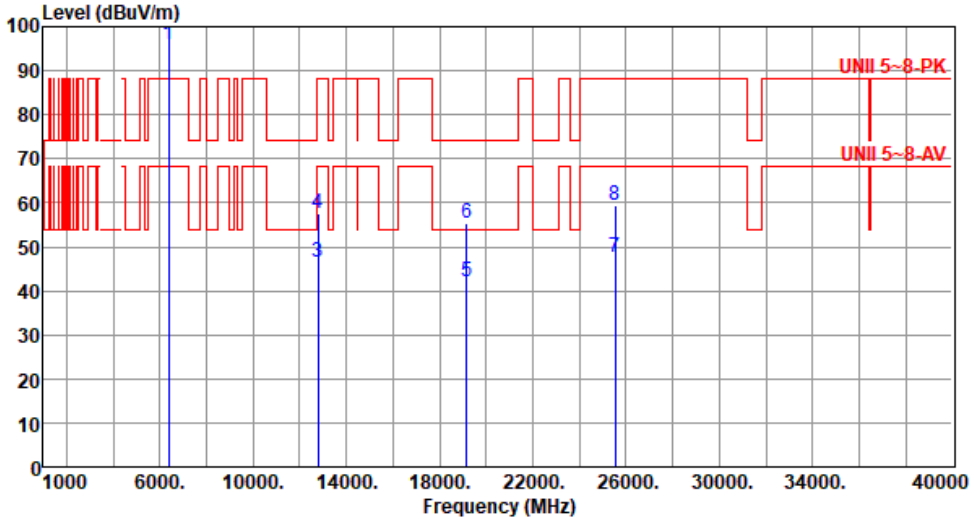


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6385.00	95.12			86.95	8.17	Average	175	12
2	*	6385.00	108.64			100.47	8.17	Peak	175	12
3		12770.00	45.96	68.20	-22.24	30.84	15.12	Average	100	39
4		12770.00	57.54	88.20	-30.66	42.42	15.12	Peak	100	39
5		19155.00	42.16	54.00	-11.84	37.25	4.91	Average	100	68
6		19155.00	55.36	74.00	-18.64	50.45	4.91	Peak	100	68
7		25540.00	48.74	68.20	-19.46	37.05	11.69	Average	183	238
8		25540.00	59.11	88.20	-29.09	47.42	11.69	Peak	183	238

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6385
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

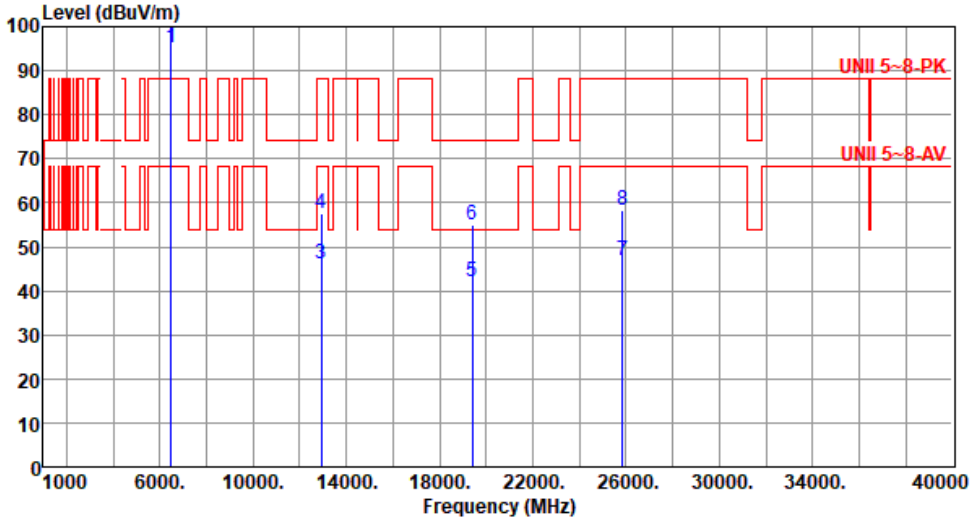


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6385.00	95.77			87.60	8.17	Average	201	18
2	*	6385.00	109.41			101.24	8.17	Peak	201	18
3		12770.00	46.51	68.20	-21.69	31.39	15.12	Average	100	45
4		12770.00	57.68	88.20	-30.52	42.56	15.12	Peak	100	45
5		19155.00	42.12	54.00	-11.88	37.21	4.91	Average	110	66
6		19155.00	55.19	74.00	-18.81	50.28	4.91	Peak	110	66
7		25540.00	47.65	68.20	-20.55	35.96	11.69	Average	312	29
8		25540.00	59.26	88.20	-28.94	47.57	11.69	Peak	312	29

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

Modulation	ax HE80	**Test Freq. (MHz)**	6465
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

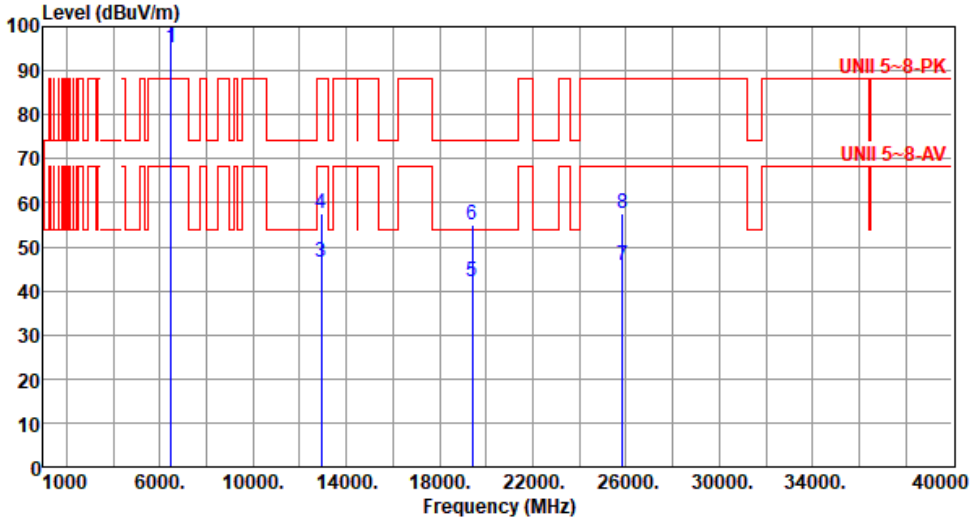


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6465.00	95.12			86.52	8.60	Average	181	14
2	*	6465.00	108.64			100.04	8.60	Peak	181	14
3		12930.00	46.11	68.20	-22.09	30.70	15.41	Average	100	32
4		12930.00	57.54	88.20	-30.66	42.13	15.41	Peak	100	32
5		19395.00	42.04	54.00	-11.96	37.21	4.83	Average	100	58
6		19395.00	55.12	74.00	-18.88	50.29	4.83	Peak	100	58
7		25860.00	46.72	68.20	-21.48	35.02	11.70	Average	198	231
8		25860.00	58.44	88.20	-29.76	46.74	11.70	Peak	198	231

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6465
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

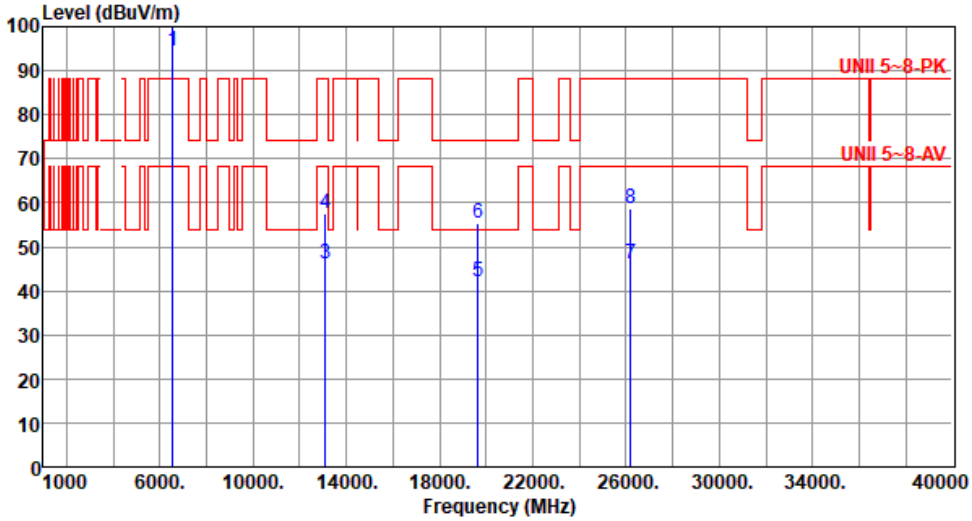


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6465.00	95.30			86.70	8.60	Average	213	52
2	*	6465.00	109.07			100.47	8.60	Peak	213	52
3		12930.00	46.54	68.20	-21.66	31.13	15.41	Average	100	33
4		12930.00	57.68	88.20	-30.52	42.27	15.41	Peak	100	33
5		19395.00	41.99	54.00	-12.01	37.16	4.83	Average	100	48
6		19395.00	55.07	74.00	-18.93	50.24	4.83	Peak	100	48
7		25860.00	45.73	68.20	-22.47	34.03	11.70	Average	320	30
8		25860.00	57.54	88.20	-30.66	45.84	11.70	Peak	320	30

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

Modulation	ax HE80	**Test Freq. (MHz)**	6545
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

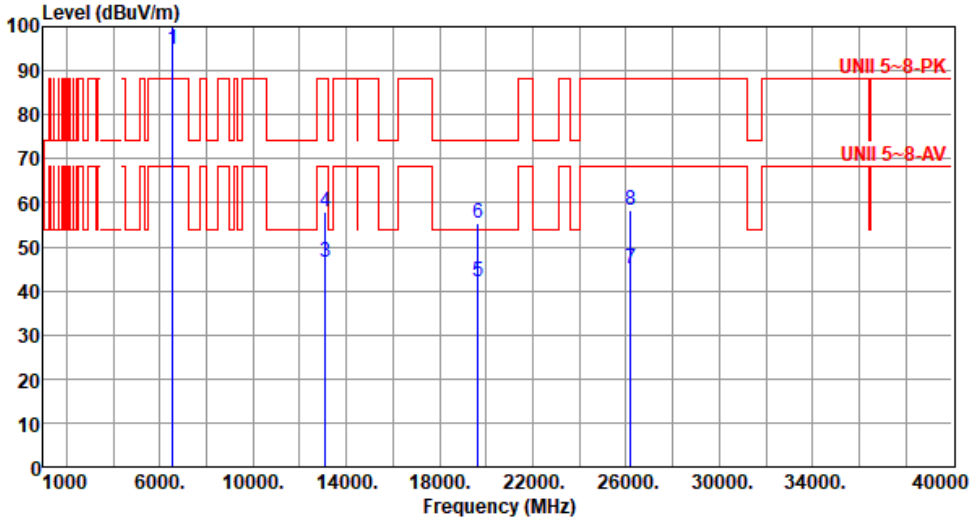


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6545.00	94.51			85.55	8.96	Average	177	11
2	*	6545.00	107.96			99.00	8.96	Peak	177	11
3		13090.00	46.14	68.20	-22.06	30.50	15.64	Average	103	28
4		13090.00	57.58	88.20	-30.62	41.94	15.64	Peak	103	28
5		19635.00	41.97	54.00	-12.03	36.85	5.12	Average	101	22
6		19635.00	55.41	74.00	-18.59	50.29	5.12	Peak	101	22
7		26180.00	46.04	68.20	-22.16	33.86	12.18	Average	195	232
8		26180.00	58.84	88.20	-29.36	46.66	12.18	Peak	195	232

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6545
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

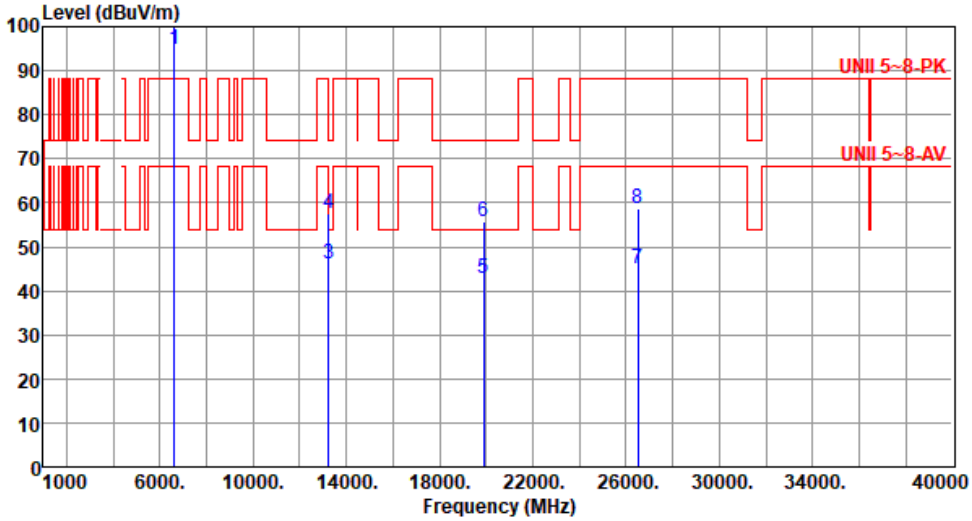


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6545.00	94.82			85.86	8.96	Average	211	48
2	*	6545.00	108.52			99.56	8.96	Peak	211	48
3		13090.00	46.55	68.20	-21.65	30.91	15.64	Average	100	13
4		13090.00	57.82	88.20	-30.38	42.18	15.64	Peak	100	13
5		19635.00	42.14	54.00	-11.86	37.02	5.12	Average	100	42
6		19635.00	55.21	74.00	-18.79	50.09	5.12	Peak	100	42
7		26180.00	45.14	68.20	-23.06	32.96	12.18	Average	318	31
8		26180.00	58.14	88.20	-30.06	45.96	12.18	Peak	318	31

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

Modulation	ax HE80	**Test Freq. (MHz)**	6625
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

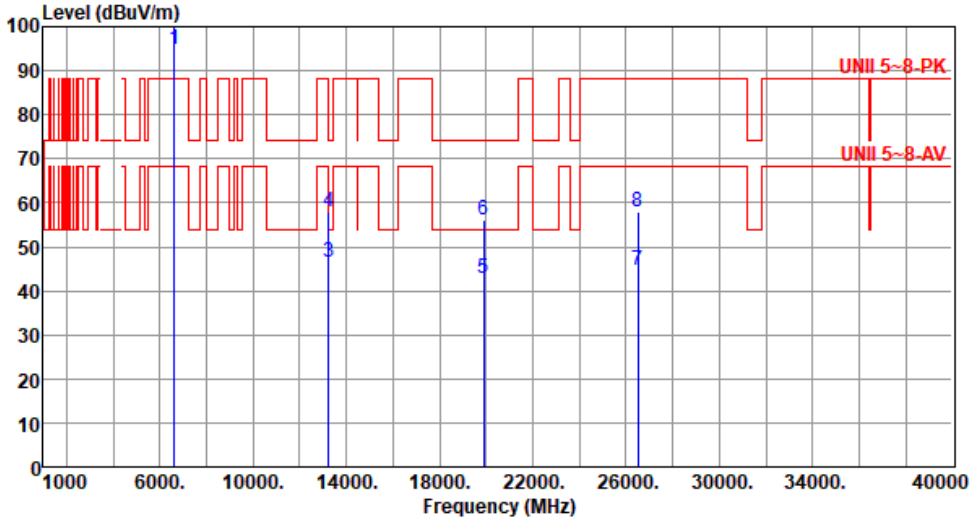


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6625.00	94.68			85.90	8.78	Average	176	14
2	*	6625.00	108.02	------	------	99.24	8.78	Peak	176	14
3		13250.00	46.05	54.00	-7.95	30.10	15.95	Average	100	29
4		13250.00	57.51	74.00	-16.49	41.56	15.95	Peak	100	29
5		19875.00	42.94	54.00	-11.06	37.41	5.53	Average	100	56
6		19875.00	55.65	74.00	-18.35	50.12	5.53	Peak	100	56
7		26500.00	44.93	68.20	-23.27	32.12	12.81	Average	194	220
8		26500.00	58.79	88.20	-29.41	45.98	12.81	Peak	194	220

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6625
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

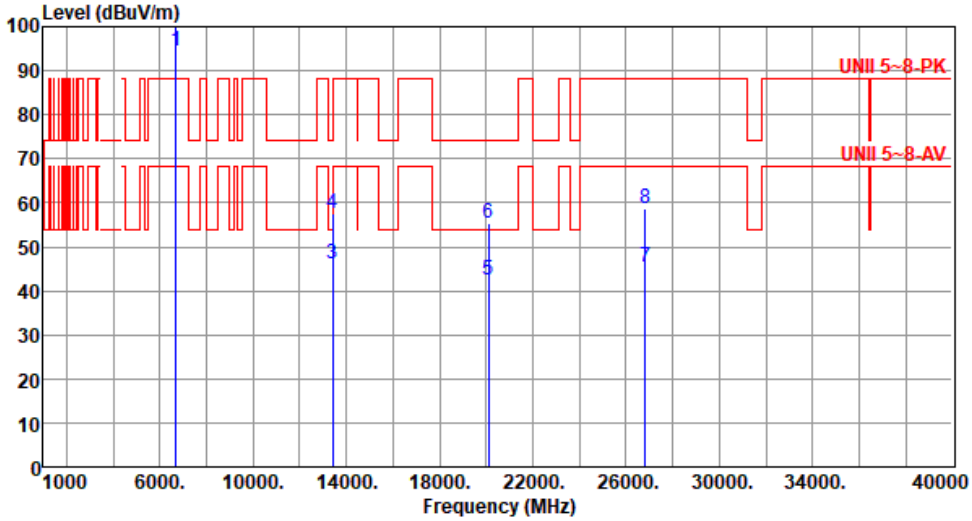


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6625.00	94.89			86.11	8.78	Average	206	45
2	*	6625.00	108.91			100.13	8.78	Peak	206	45
3		13250.00	46.48	54.00	-7.52	30.53	15.95	Average	100	72
4		13250.00	57.84	74.00	-16.16	41.89	15.95	Peak	100	72
5		19875.00	42.64	54.00	-11.36	37.11	5.53	Average	100	38
6		19875.00	56.04	74.00	-17.96	50.51	5.53	Peak	100	38
7		26500.00	44.83	68.20	-23.37	32.02	12.81	Average	310	32
8		26500.00	57.96	88.20	-30.24	45.15	12.81	Peak	310	32

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

Modulation	ax HE80	**Test Freq. (MHz)**	6705
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

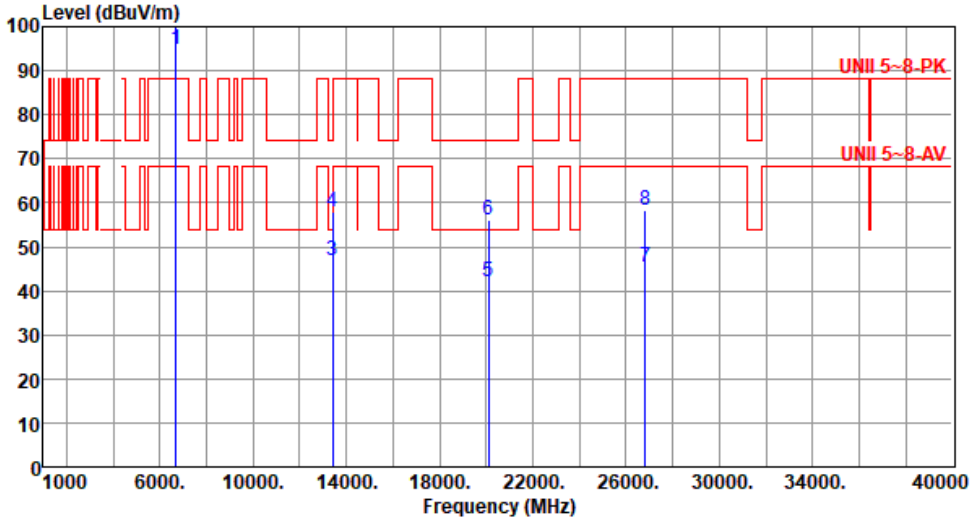


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6705.00	94.48			85.86	8.62	Average	172	9
2	*	6705.00	107.61			98.99	8.62	Peak	172	9
3		13410.00	46.25	68.20	-21.95	29.59	16.66	Average	100	45
4		13410.00	57.74	88.20	-30.46	41.08	16.66	Peak	100	45
5		20115.00	42.29	54.00	-11.71	36.55	5.74	Average	100	14
6		20115.00	55.34	74.00	-18.66	49.60	5.74	Peak	100	14
7		26820.00	45.21	68.20	-22.99	32.29	12.92	Average	191	208
8		26820.00	58.51	88.20	-29.69	45.59	12.92	Peak	191	208

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6705
Polarization	Vertical		

Test By :Brad Wu Temperature(°C):24 Humidity(%):67

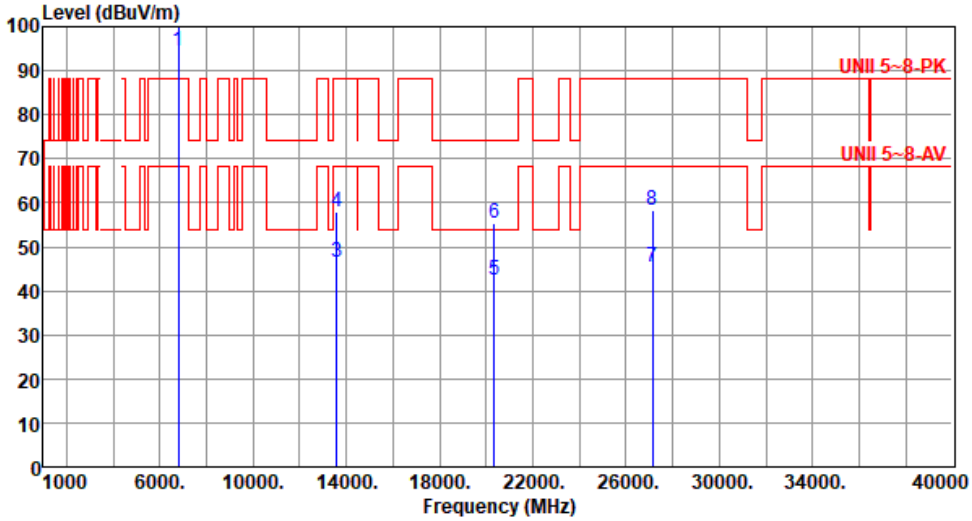


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6705.00	94.75			86.13	8.62	Average	216	43
2	*	6705.00	107.92			99.30	8.62	Peak	216	43
3		13410.00	46.74	68.20	-21.46	30.08	16.66	Average	100	65
4		13410.00	57.91	88.20	-30.29	41.25	16.66	Peak	100	65
5		20115.00	42.17	54.00	-11.83	36.43	5.74	Average	100	45
6		20115.00	56.09	74.00	-17.91	50.35	5.74	Peak	100	45
7		26820.00	45.36	68.20	-22.84	32.44	12.92	Average	300	56
8		26820.00	58.33	88.20	-29.87	45.41	12.92	Peak	300	56

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

Modulation	ax HE80	**Test Freq. (MHz)**	6785
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

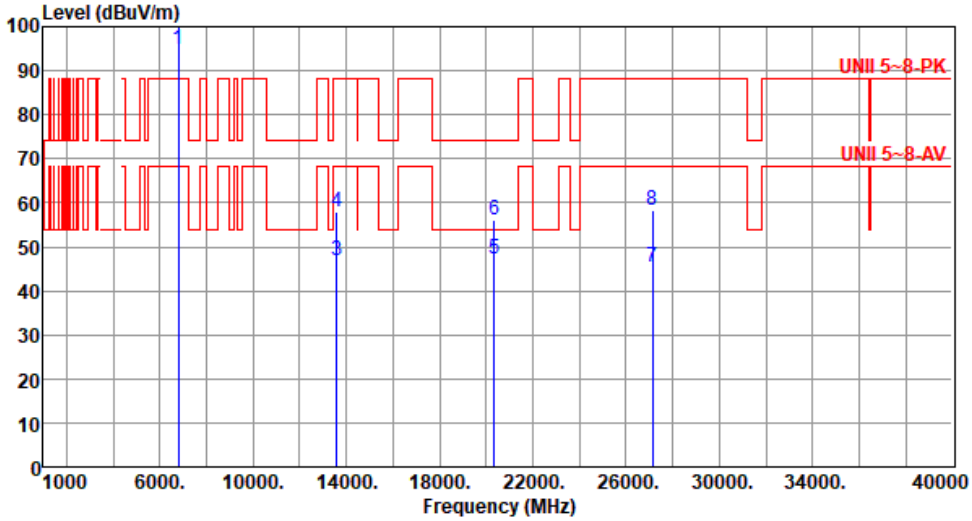


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6785.00	94.54			85.77	8.77	Average	177	14
2	*	6785.00	107.72	------	------	98.95	8.77	Peak	177	14
3		13570.00	46.41	68.20	-21.79	29.56	16.85	Average	100	36
4		13570.00	57.82	88.20	-30.38	40.97	16.85	Peak	100	36
5		20355.00	42.38	54.00	-11.62	36.28	6.10	Average	100	29
6		20355.00	55.41	74.00	-18.59	49.31	6.10	Peak	100	29
7		27140.00	45.33	68.20	-22.87	32.47	12.86	Average	189	206
8		27140.00	58.46	88.20	-29.74	45.60	12.86	Peak	189	206

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

Modulation	ax HE80	**Test Freq. (MHz)**	6785
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

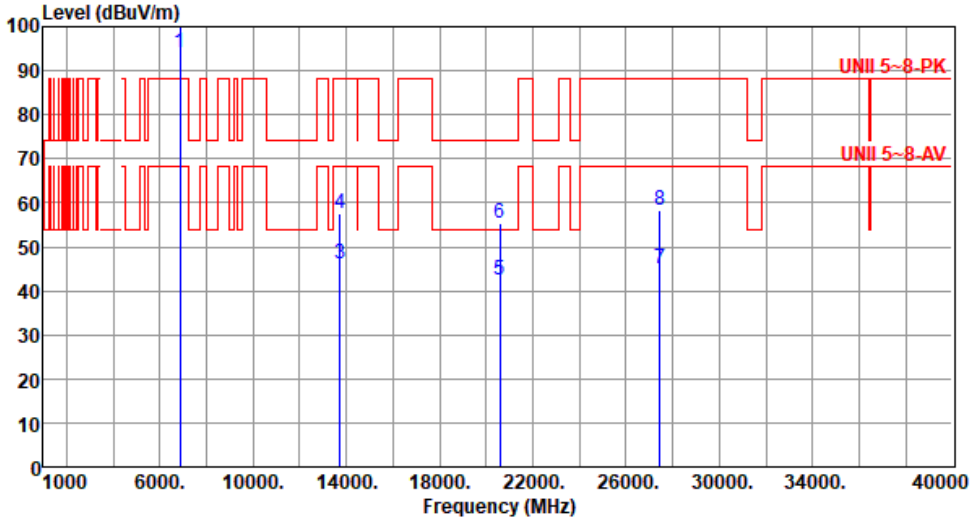


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6785.00	94.86			86.09	8.77	Average	214	45
2	*	6785.00	108.12			99.35	8.77	Peak	214	45
3		13570.00	46.81	68.20	-21.39	29.96	16.85	Average	100	72
4		13570.00	57.96	88.20	-30.24	41.11	16.85	Peak	100	72
5		20355.00	47.28	54.00	-6.72	41.18	6.10	Average	100	51
6		20355.00	56.14	74.00	-17.86	50.04	6.10	Peak	100	51
7		27140.00	45.42	68.20	-22.78	32.56	12.86	Average	100	66
8		27140.00	58.41	88.20	-29.79	45.55	12.86	Peak	100	66

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

Modulation	ax HE80	**Test Freq. (MHz)**	6865
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

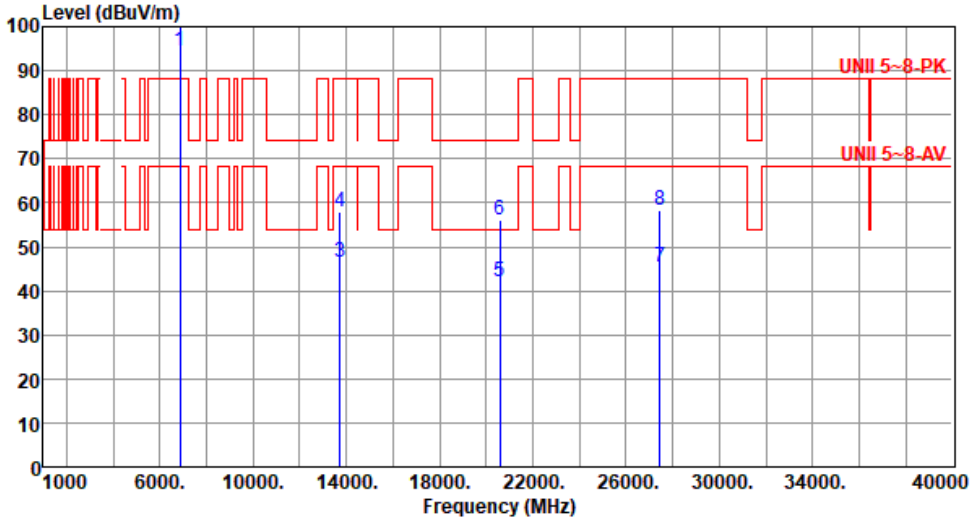


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6865.00	94.23			85.01	9.22	Average	174	12
2	*	6865.00	107.45			98.23	9.22	Peak	174	12
3		13730.00	46.12	68.20	-22.08	29.14	16.98	Average	100	33
4		13730.00	57.69	88.20	-30.51	40.71	16.98	Peak	100	33
5		20595.00	42.31	54.00	-11.69	35.85	6.46	Average	100	28
6		20595.00	55.42	74.00	-18.58	48.96	6.46	Peak	100	28
7		27460.00	45.16	68.20	-23.04	31.78	13.38	Average	100	61
8		27460.00	58.43	88.20	-29.77	45.05	13.38	Peak	100	61

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

Modulation	ax HE80	**Test Freq. (MHz)**	6865
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

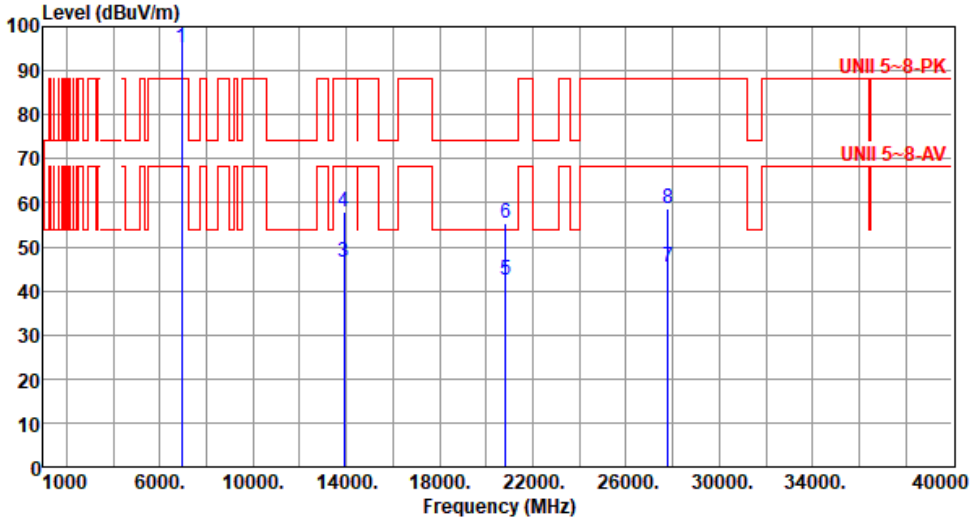


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6865.00	94.56			85.34	9.22	Average	214	45
2	*	6865.00	107.68			98.46	9.22	Peak	214	45
3		13730.00	46.59	68.20	-21.61	29.61	16.98	Average	100	96
4		13730.00	57.82	88.20	-30.38	40.84	16.98	Peak	100	96
5		20595.00	42.14	54.00	-11.86	35.68	6.46	Average	100	71
6		20595.00	55.98	74.00	-18.02	49.52	6.46	Peak	100	71
7		27460.00	45.31	68.20	-22.89	31.93	13.38	Average	100	56
8		27460.00	58.29	88.20	-29.91	44.91	13.38	Peak	100	56

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

Modulation	ax HE80	**Test Freq. (MHz)**	6945
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

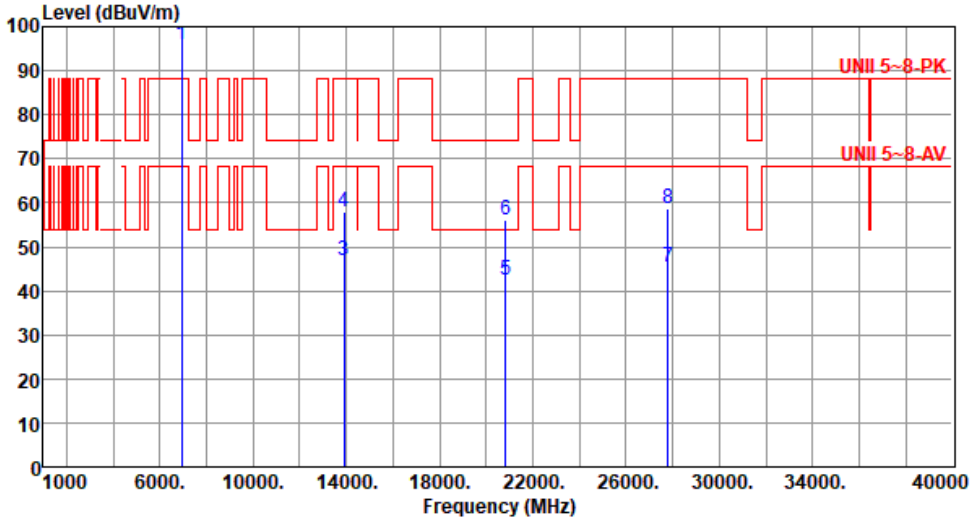


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6945.00	95.26			85.66	9.60	Average	168	10
2	*	6945.00	108.04			98.44	9.60	Peak	168	10
3		13890.00	46.31	68.20	-21.89	29.01	17.30	Average	100	44
4		13890.00	57.82	88.20	-30.38	40.52	17.30	Peak	100	44
5		20835.00	42.41	54.00	-11.59	35.89	6.52	Average	100	31
6		20835.00	55.49	74.00	-18.51	48.97	6.52	Peak	100	31
7		27780.00	45.36	68.20	-22.84	32.28	13.08	Average	192	211
8		27780.00	58.59	88.20	-29.61	45.51	13.08	Peak	192	211

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	6945
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):25 Humidity(%):65

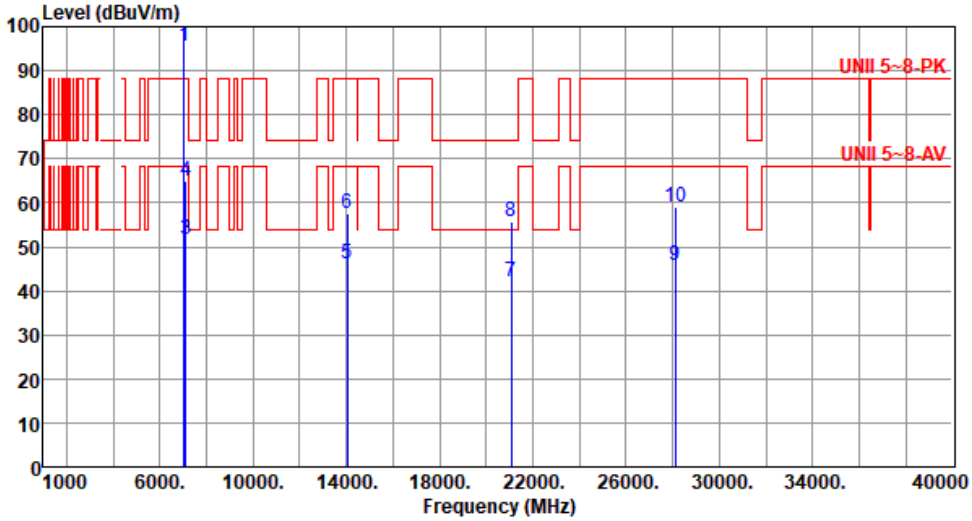


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6945.00	95.81			86.21	9.60	Average	215	42
2	*	6945.00	108.32	-----	-----	98.72	9.60	Peak	215	42
3		13890.00	46.81	68.20	-21.39	29.51	17.30	Average	101	53
4		13890.00	57.96	88.20	-30.24	40.66	17.30	Peak	101	53
5		20835.00	42.35	54.00	-11.65	35.83	6.52	Average	100	77
6		20835.00	56.16	74.00	-17.84	49.64	6.52	Peak	100	77
7		27780.00	45.44	68.20	-22.76	32.36	13.08	Average	295	61
8		27780.00	58.49	88.20	-29.71	45.41	13.08	Peak	295	61

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

Modulation	ax HE80	**Test Freq. (MHz)**	7025
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

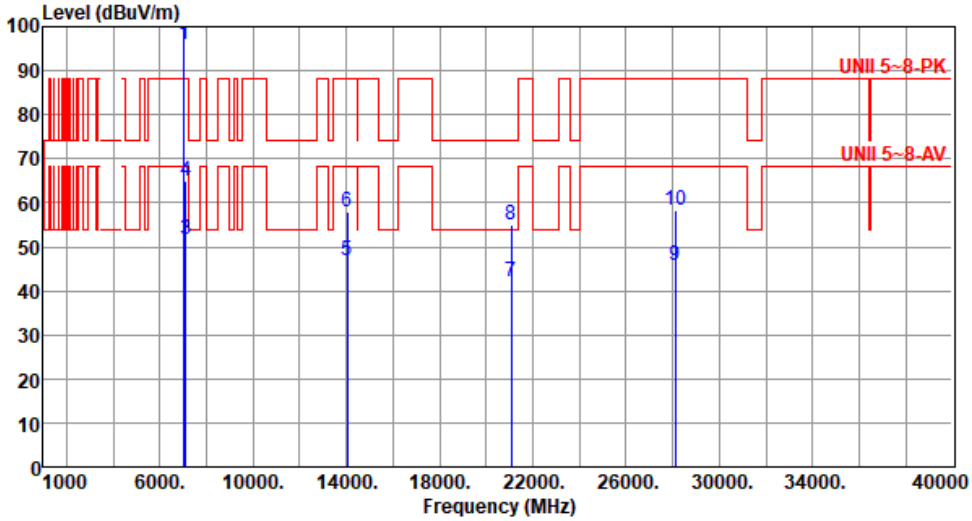


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7025.00	95.52			85.56	9.96	Average	178	9
2	*	7025.00	108.06	------	------	98.10	9.96	Peak	178	9
3		7125.00	51.48	68.20	-16.72	41.07	10.41	Average	178	9
4		7125.00	64.92	88.20	-23.28	54.51	10.41	Peak	178	9
5		14050.00	46.28	68.20	-21.92	28.28	18.00	Average	100	31
6		14050.00	57.69	88.20	-30.51	39.69	18.00	Peak	100	31
7		21075.00	42.06	54.00	-11.94	35.14	6.92	Average	100	82
8		21075.00	55.57	74.00	-18.43	48.65	6.92	Peak	100	82
9		28100.00	45.65	68.20	-22.55	32.40	13.25	Average	198	202
10		28100.00	59.07	88.20	-29.13	45.82	13.25	Peak	198	202

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

Modulation	ax HE80	**Test Freq. (MHz)**	7025
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67



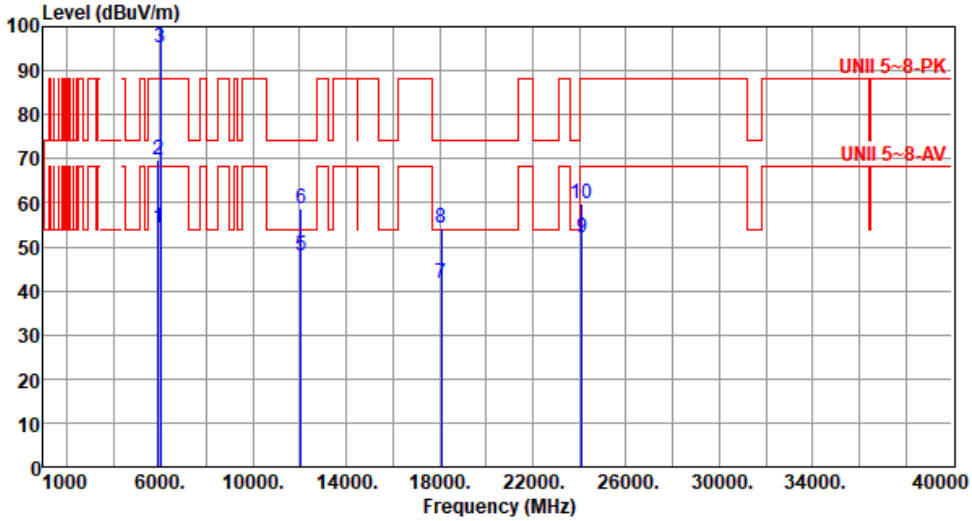
		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	7025.00	95.98			86.02	9.96	Average	216	39
2	*	7025.00	108.45	-----	-----	98.49	9.96	Peak	216	39
3		7125.00	51.56	68.20	-16.64	41.15	10.41	Average	216	39
4		7125.00	65.06	88.20	-23.14	54.65	10.41	Peak	216	39
5		14050.00	46.77	68.20	-21.43	28.77	18.00	Average	100	35
6		14050.00	57.82	88.20	-30.38	39.82	18.00	Peak	100	35
7		21075.00	42.08	54.00	-11.92	35.16	6.92	Average	100	46
8		21075.00	55.03	74.00	-18.97	48.11	6.92	Peak	100	46
9		28100.00	45.75	68.20	-22.45	32.50	13.25	Average	300	19
10		28100.00	58.42	88.20	-29.78	45.17	13.25	Peak	300	19

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

Unwanted Emissions (Above 1GHz) for ax HE160

Modulation	ax HE160	Test Freq. (MHz)	6025
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

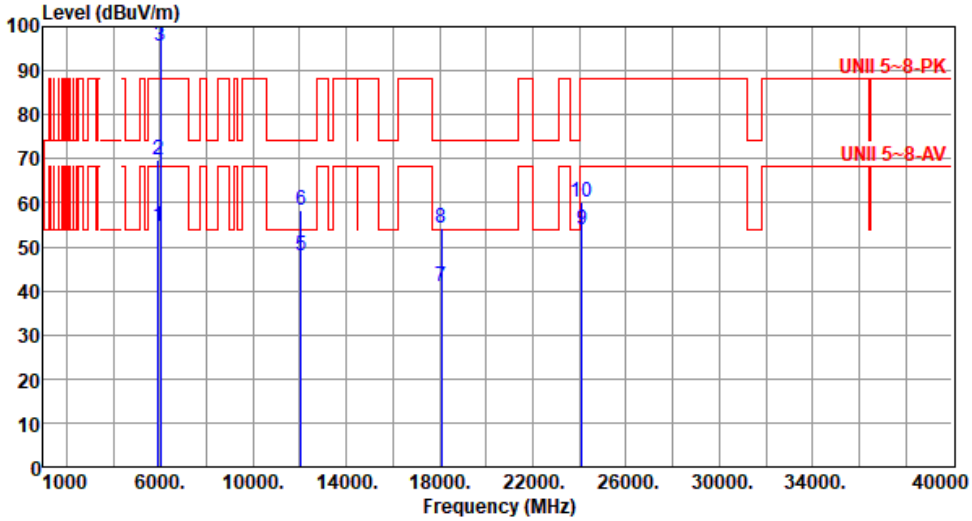


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	54.31	68.20	-13.89	47.28	7.03	Average	179	15
2		5925.00	69.58	88.20	-18.62	62.55	7.03	Peak	179	15
3	*	6025.00	95.15			87.92	7.23	Average	179	15
4	*	6025.00	108.02			100.79	7.23	Peak	179	15
5		12050.00	47.80	54.00	-6.20	32.89	14.91	Average	100	12
6		12050.00	58.53	74.00	-15.47	43.62	14.91	Peak	100	12
7		18075.00	41.60	54.00	-12.40	38.48	3.12	Average	100	45
8		18075.00	54.08	74.00	-19.92	50.96	3.12	Peak	100	45
9		24100.00	51.96	68.20	-16.24	41.66	10.30	Average	181	225
10		24100.00	59.88	88.20	-28.32	49.58	10.30	Peak	181	225

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

Modulation	ax HE160	**Test Freq. (MHz)**	6025
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

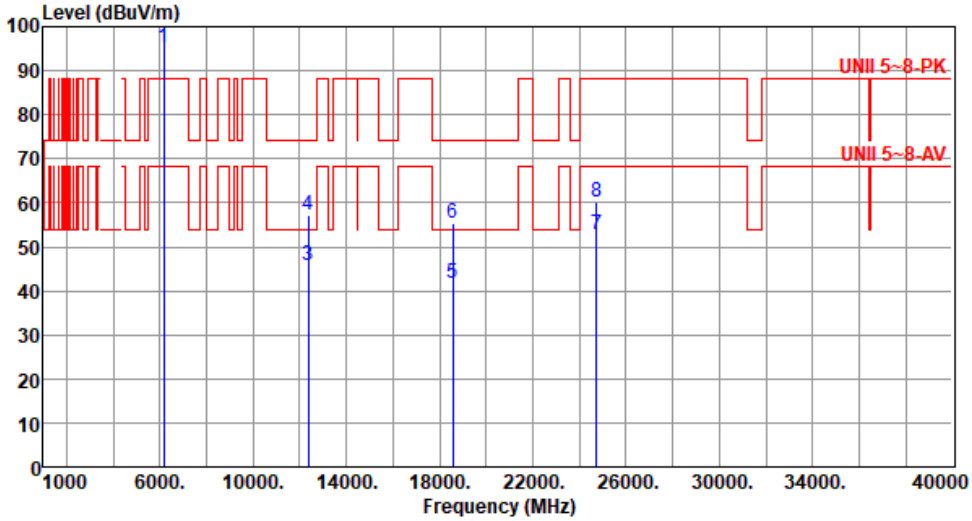


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1		5925.00	54.69	68.20	-13.51	47.66	7.03	Average	211	8
2		5925.00	69.81	88.20	-18.39	62.78	7.03	Peak	211	8
3	*	6025.00	95.43			88.20	7.23	Average	211	8
4	*	6025.00	108.41			101.18	7.23	Peak	211	8
5		12050.00	47.91	54.00	-6.09	33.00	14.91	Average	100	20
6		12050.00	58.34	74.00	-15.66	43.43	14.91	Peak	100	20
7		18075.00	41.07	54.00	-12.93	37.95	3.12	Average	100	122
8		18075.00	54.33	74.00	-19.67	51.21	3.12	Peak	100	122
9		24100.00	53.90	68.20	-14.30	43.60	10.30	Average	312	39
10		24100.00	60.24	88.20	-27.96	49.94	10.30	Peak	312	39

Note 1: Emission Level (dBuV/m) = SA Reading (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	**Test Freq. (MHz)**	6185
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

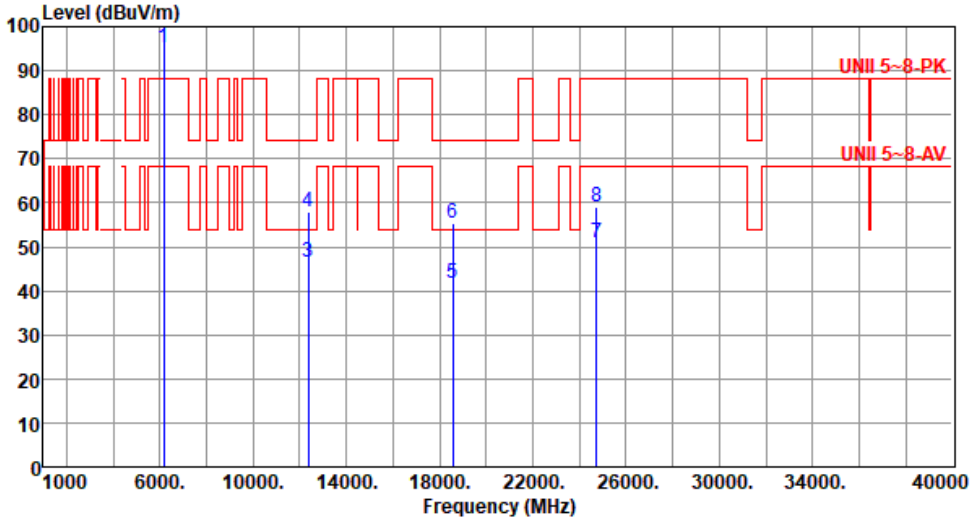


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6185.00	95.02			87.53	7.49	Average	179	18
2	*	6185.00	107.94			100.45	7.49	Peak	179	18
3		12370.00	45.88	54.00	-8.12	31.33	14.55	Average	100	29
4		12370.00	57.36	74.00	-16.64	42.81	14.55	Peak	100	29
5		18555.00	41.76	54.00	-12.24	37.78	3.98	Average	100	36
6		18555.00	55.24	74.00	-18.76	51.26	3.98	Peak	100	36
7		24740.00	52.75	68.20	-15.45	41.74	11.01	Average	178	221
8		24740.00	60.23	88.20	-27.97	49.22	11.01	Peak	178	221

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

Modulation	ax HE160	**Test Freq. (MHz)**	6185
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

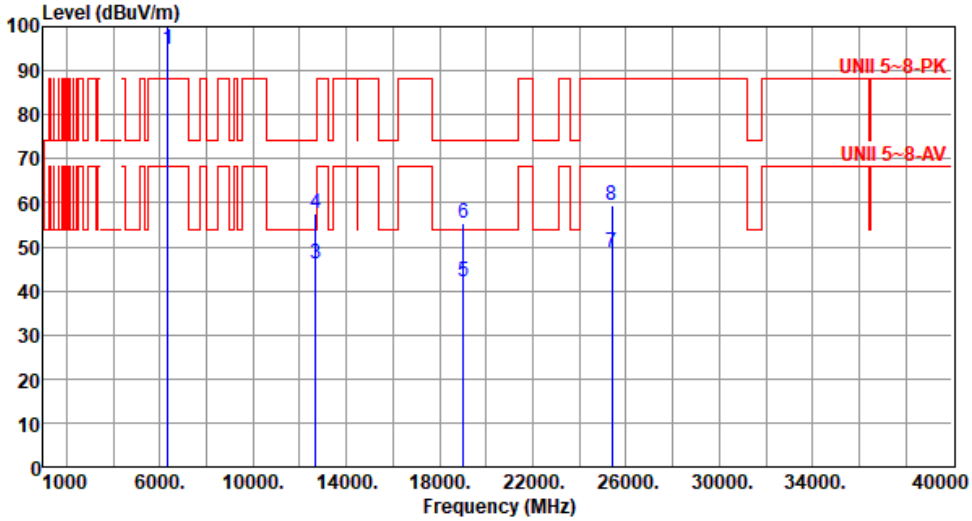


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6185.00	95.29			87.80	7.49	Average	210	5
2	*	6185.00	108.22	-----	-----	100.73	7.49	Peak	210	5
3		12370.00	46.54	54.00	-7.46	31.99	14.55	Average	100	51
4		12370.00	57.79	74.00	-16.21	43.24	14.55	Peak	100	51
5		18555.00	41.58	54.00	-12.42	37.60	3.98	Average	100	47
6		18555.00	55.49	74.00	-18.51	51.51	3.98	Peak	100	47
7		24740.00	50.91	68.20	-17.29	39.90	11.01	Average	301	42
8		24740.00	58.96	88.20	-29.24	47.95	11.01	Peak	301	42

Note 1: Emission Level (dBuV/m) = SA Reading (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	**Test Freq. (MHz)**	6345
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

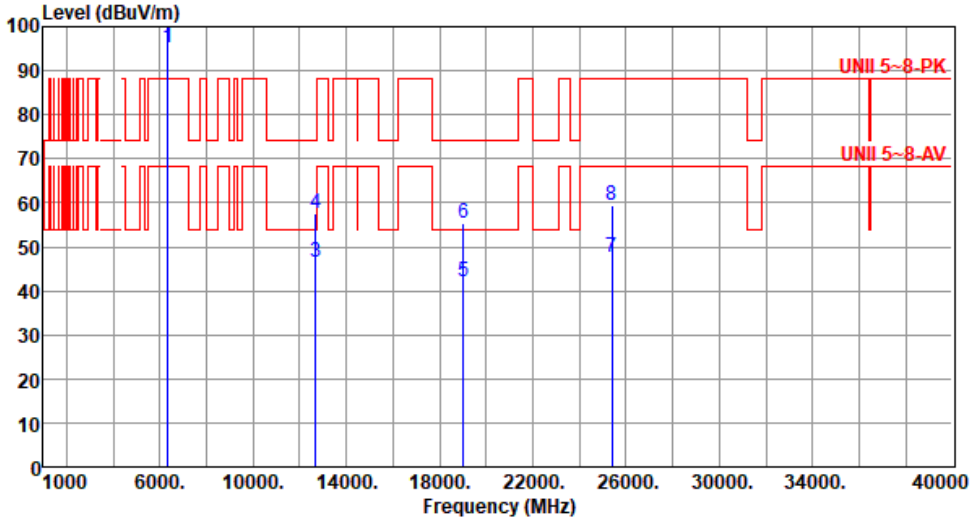


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6345.00	94.86			86.90	7.96	Average	181	11
2	*	6345.00	107.72			99.76	7.96	Peak	181	11
3		12690.00	46.11	54.00	-7.89	31.29	14.82	Average	100	47
4		12690.00	57.58	74.00	-16.42	42.76	14.82	Peak	100	47
5		19035.00	42.17	54.00	-11.83	37.16	5.01	Average	100	74
6		19035.00	55.41	74.00	-18.59	50.40	5.01	Peak	100	74
7		25380.00	48.65	68.20	-19.55	37.14	11.51	Average	181	233
8		25380.00	59.24	88.20	-28.96	47.73	11.51	Peak	181	233

Note 1: Emission Level (dBuV/m) = SA Reading (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	**Test Freq. (MHz)**	6345
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

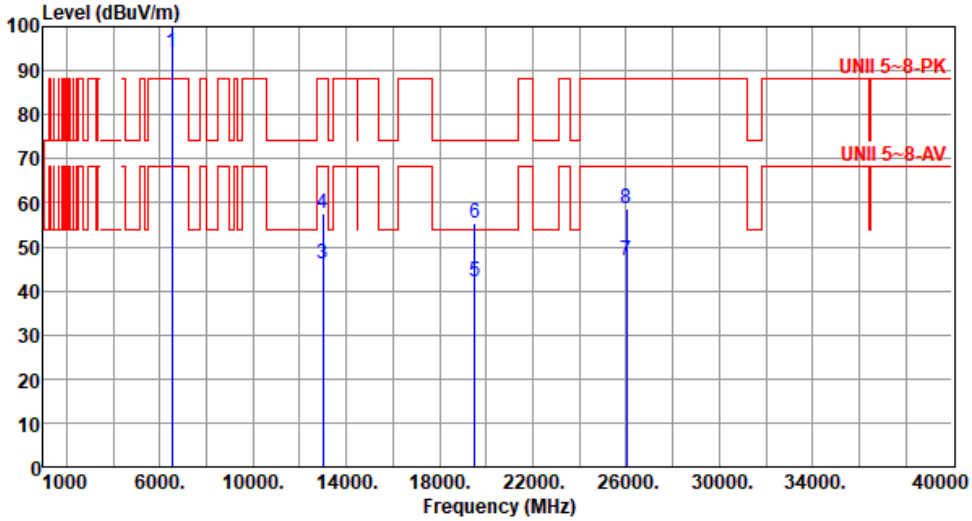


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6345.00	95.19			87.23	7.96	Average	214	5
2	*	6345.00	108.15			100.19	7.96	Peak	214	5
3		12690.00	46.58	54.00	-7.42	31.76	14.82	Average	105	77
4		12690.00	57.72	74.00	-16.28	42.90	14.82	Peak	105	77
5		19035.00	42.18	54.00	-11.82	37.17	5.01	Average	107	51
6		19035.00	55.24	74.00	-18.76	50.23	5.01	Peak	107	51
7		25380.00	47.72	68.20	-20.48	36.21	11.51	Average	316	44
8		25380.00	59.35	88.20	-28.85	47.84	11.51	Peak	316	44

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

Modulation	ax HE160	**Test Freq. (MHz)**	6505
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

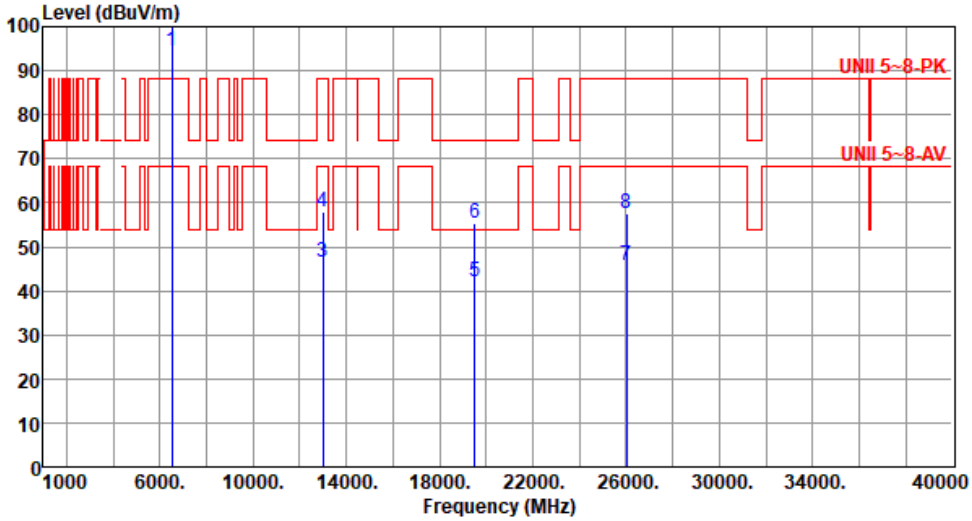


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6505.00	94.23			85.49	8.74	Average	181	12
2	*	6505.00	107.21			98.47	8.74	Peak	181	12
3		13010.00	46.24	68.20	-21.96	30.68	15.56	Average	108	66
4		13010.00	57.61	88.20	-30.59	42.05	15.56	Peak	108	66
5		19515.00	42.13	54.00	-11.87	37.27	4.86	Average	100	47
6		19515.00	55.26	74.00	-18.74	50.40	4.86	Peak	100	47
7		26020.00	46.77	68.20	-21.43	34.86	11.91	Average	201	244
8		26020.00	58.52	88.20	-29.68	46.61	11.91	Peak	201	244

Note 1: Emission Level (dBuV/m) = SA Reading (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	**Test Freq. (MHz)**	6505
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

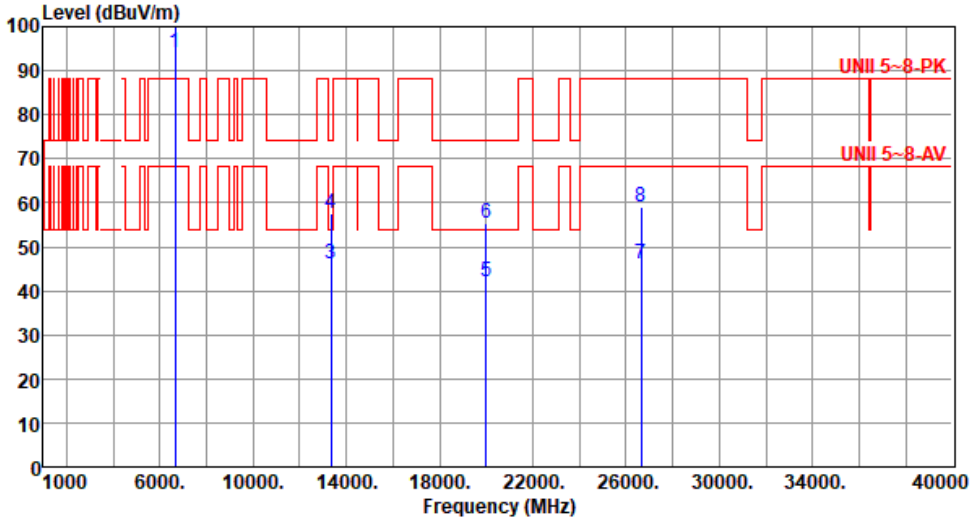


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6505.00	94.58			85.84	8.74	Average	220	52
2	*	6505.00	107.53	------	------	98.79	8.74	Peak	220	52
3		13010.00	46.62	68.20	-21.58	31.06	15.56	Average	100	42
4		13010.00	57.81	88.20	-30.39	42.25	15.56	Peak	100	42
5		19515.00	42.08	54.00	-11.92	37.22	4.86	Average	100	51
6		19515.00	55.24	74.00	-18.76	50.38	4.86	Peak	100	51
7		26020.00	45.78	68.20	-22.42	33.87	11.91	Average	311	19
8		26020.00	57.59	88.20	-30.61	45.68	11.91	Peak	311	19

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

Modulation	ax HE160	**Test Freq. (MHz)**	6665
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

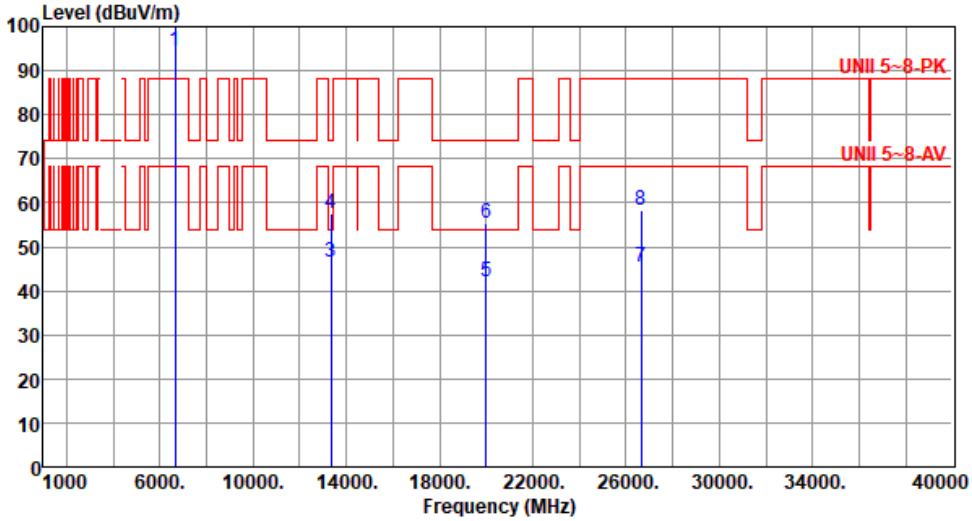


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6665.00	94.08			85.38	8.70	Average	182	13
2	*	6665.00	107.06	-----	-----	98.36	8.70	Peak	182	13
3		13330.00	46.25	54.00	-7.75	30.02	16.23	Average	101	12
4		13330.00	57.65	74.00	-16.35	41.42	16.23	Peak	101	12
5		19995.00	42.19	54.00	-11.81	36.50	5.69	Average	100	26
6		19995.00	55.48	74.00	-18.52	49.79	5.69	Peak	100	26
7		26660.00	46.11	68.20	-22.09	33.20	12.91	Average	198	235
8		26660.00	58.92	88.20	-29.28	46.01	12.91	Peak	198	235

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

Modulation	ax HE160	Test Freq. (MHz)	6665
Polarization	Vertical		

Test By :Brad Wu Temperature(℃):24 Humidity(%):67

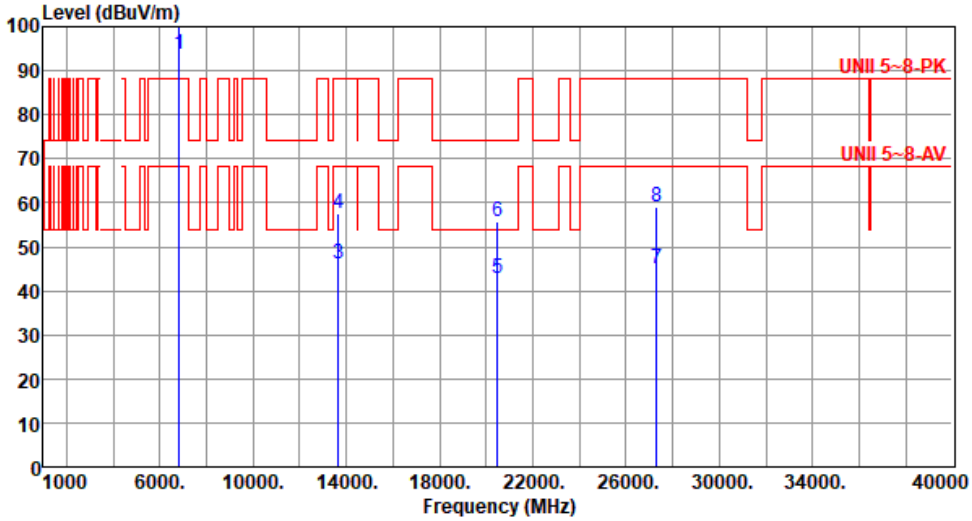


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	*	6665.00	94.32			85.62	8.70	Average	218	49
2	*	6665.00	107.41			98.71	8.70	Peak	218	49
3		13330.00	46.48	54.00	-7.52	30.25	16.23	Average	100	39
4		13330.00	57.71	74.00	-16.29	41.48	16.23	Peak	100	39
5		19995.00	42.16	54.00	-11.84	36.47	5.69	Average	100	47
6		19995.00	55.35	74.00	-18.65	49.66	5.69	Peak	100	47
7		26660.00	45.33	68.20	-22.87	32.42	12.91	Average	314	36
8		26660.00	58.29	88.20	-29.91	45.38	12.91	Peak	314	36

Note 1: Emission Level (dBuV/m) = SA Reading (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	**Test Freq. (MHz)**	6825
Polarization	Horizontal		

Test By :Brad Wu Temperature(℃):24 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	*	6825.00	93.75			84.79	8.96	Average	179	17
2	*	6825.00	106.92	------	------	97.96	8.96	Peak	179	17
3		13650.00	46.14	68.20	-22.06	29.23	16.91	Average	105	26
4		13650.00	57.68	88.20	-30.52	40.77	16.91	Peak	105	26
5		20475.00	42.86	54.00	-11.14	36.42	6.44	Average	100	33
6		20475.00	55.58	74.00	-18.42	49.14	6.44	Peak	100	33
7		27300.00	44.98	68.20	-23.22	31.92	13.06	Average	195	221
8		27300.00	58.86	88.20	-29.34	45.80	13.06	Peak	195	221

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