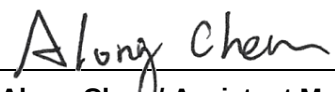


FCC Test Report

FCC ID : I88WE4600-00
Equipment : Tri-Band Wireless BE19000 2.5G Extender
Model No. : WE4600-00
Brand Name : ZYXEL
Applicant : Zyxel Communications Corporation
Address : No.2 Industry East RD. IX, Hsinchu Science
Park, Hsinchu 30075, Taiwan
Standard : 47 CFR FCC Part 15.407
Received Date : Dec. 05, 2024
Tested Date : Mar. 14 ~ Apr. 01, 2025

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:


Along Chen / Assistant Manager

Approved by:

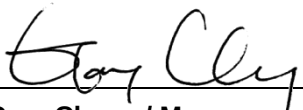

Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FR4D0501-01AN	Rev. 01	Initial issue	Aug. 19, 2025

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.168MHz 52.99 (Margin -12.09dB) - QP	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 17475.00MHz 68.09 (Margin -0.11dB) - PK	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	Conducted Output Power	Max Power [dBm]: Non-beamforming mode 5150~5250MHz: 27.37 5250~5350MHz: 23.65 5470~5725MHz: 23.90 5725~5850MHz: 27.43 Beamforming mode 5150~5250MHz: 27.11 5250~5350MHz: 22.93 5470~5725MHz: 22.59 5725~5850MHz: 26.03	Pass
15.407(a)	Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20) ac (VHT20) ax (HE20) be (EHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-31 MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40) ac (VHT40) ax (HE40) be (EHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-31 MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT80) ax (HE80) be (EHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	4	MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725	ac (VHT160) ax (HE160) be (EHT160)	5250 5570	50 [1] 114 [1]	4	MCS 0-11 MCS 0-11 MCS 0-13
Note 1 : OFDM/OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation.					

1.1.2 Configuration of Equipment under Test (EUT)

Power Supply Type	12Vdc from adapter	
TPC	☒ Support	☐ Not support
Beamforming	☒ Support	☐ Not support
RU Configuration	☒ Full RU	☐ Partial RU
Channel Puncturing	☐ Support	☒ Not support

1.1.3 Chip

CPU	Model: MT7988D
Wi-Fi 2.4GHz Chip	Model: MT7975N
Wi-Fi 5GHz Chip	Model: MT7977iBN
Wi-Fi 6GHz Chip	Model: MT7977iAN

1.1.4 Accessories

Accessories		
No.	Equipment	Description
1	AC adapter	Brand: FRECOM Model: FC030A05-120025U Power Rating: I/P: 100-240V~ 50/60Hz, 1.2A O/P: 12.0V= 2.5A, 30.0W Power line: 1.5m non-shielded without core
2	RJ45 cable	1.5m non-shielded without core

1.1.5 Antenna Details

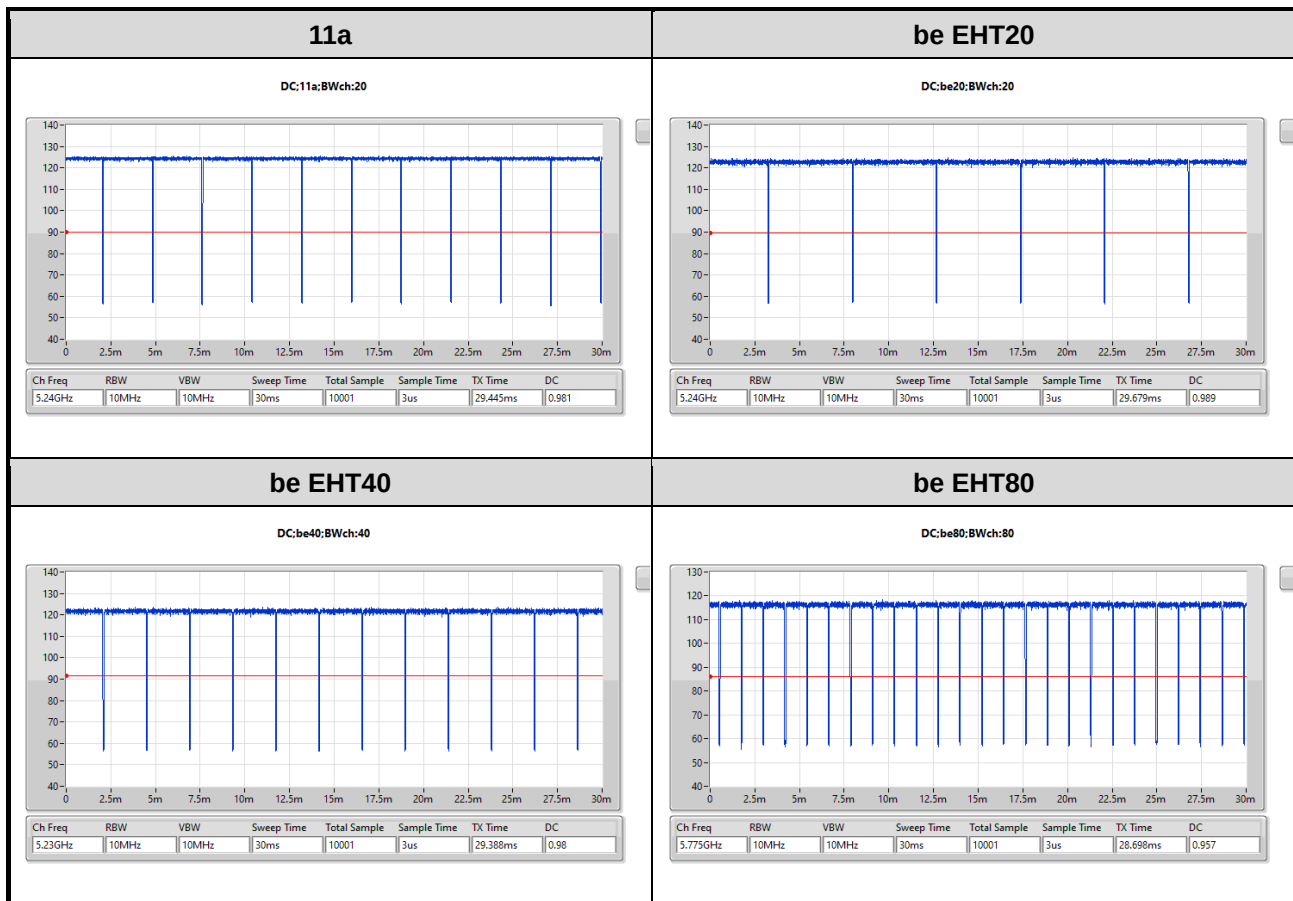
Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
					2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
DO1	INPAQ	56-001-000602Z	Dipole	UFL	4.6	2.97	3.1	4.09	4.21
DW2	INPAQ	56-001-000603Z	Dipole	UFL	2.9	2.29	2.29	2.74	4.56
DE3	INPAQ	56-001-000604Z	Dipole	UFL	3.88	2.93	2.92	3.67	2.76
DU4	INPAQ	56-001-000605Z	Dipole	UFL	4.75	4.98	4.76	3.7	3.77

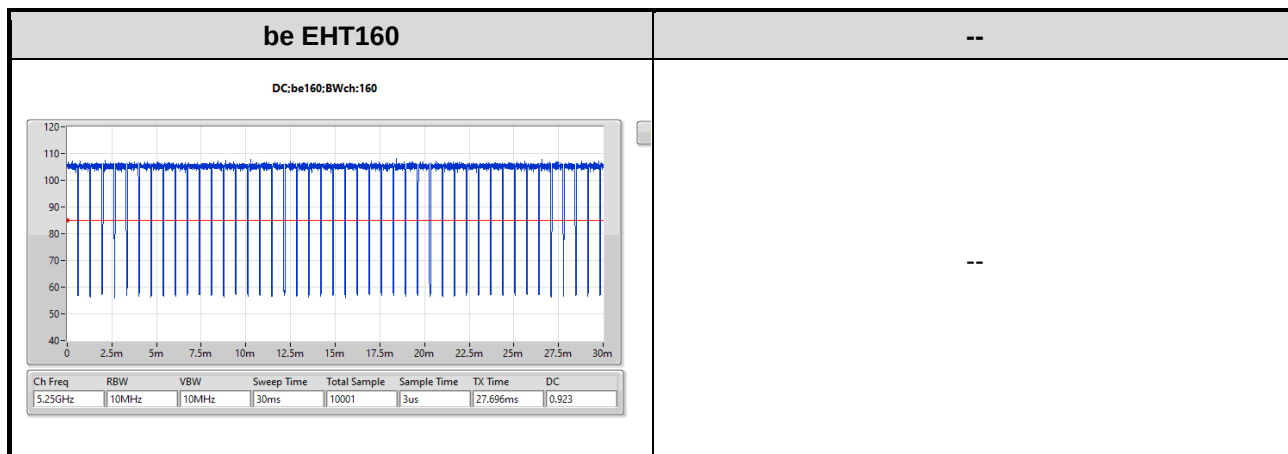
1.1.6 Channel List

802.11a / n HT20 / ac VHT20 / ax HE20 / be EHT20		802.11n HT40 / ac VHT40 / ax HE40 / be EHT40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	118	5590
64	5320	126	5630
100	5500	134	5670
104	5520	142	5710
108	5540	151	5755
112	5560	159	5795
116	5580	802.11ac VHT80 / ax HE80 / be EHT80	
120	5600	42	5210
124	5620	58	5290
128	5640	106	5530
132	5660	122	5610
136	5680	138	5690
140	5700	155	5775
144	5720	802.11ac VHT160 / ax HE160 / be EHT160	
149	5745	50	5250
153	5765	114	5570
157	5785	---	---
161	5805	---	---
165	5825	---	---

1.1.7 Test Tool and Duty Cycle

Test Tool	QATool_Dbg, Version: 0.0.2.106		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11a	98.15%	0.08
	be EHT20	98.93%	0.05
	be EHT40	97.96%	0.09
	be EHT80	95.66%	0.19
	be EHT160	92.32%	0.35





1.1.8 Power Index of Test Tool

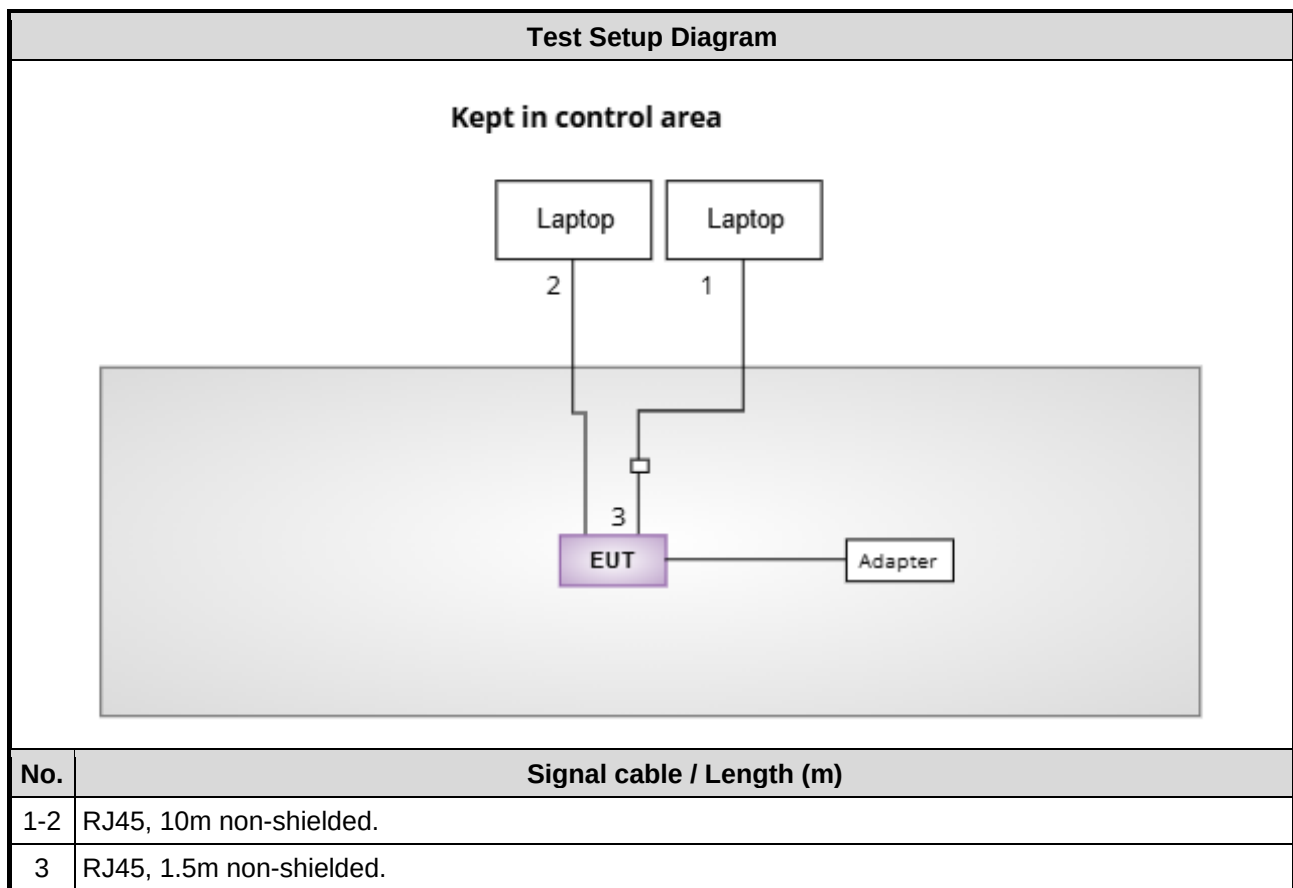
Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	16.5
11a	5200	18
11a	5240	20.5
11a	5260	15
11a	5300	15
11a	5320	15
11a	5500	15.5
11a	5580	15.5
11a	5700	15.5
11a	5720	15
11a	5745	19
11a	5785	18.5
11a	5825	17
be EHT20	5180	18
be EHT20	5200	19.5
be EHT20	5240	22
be EHT20	5260	16.5
be EHT20	5300	16.5
be EHT20	5320	16.5
be EHT20	5500	17
be EHT20	5580	17
be EHT20	5700	16.5
be EHT20	5720	17
be EHT20	5745	21.5
be EHT20	5785	21.5
be EHT20	5825	19.5

Modulation Mode	Test Frequency (MHz)	Power Index
be EHT40	5190	16.5
be EHT40	5230	21
be EHT40	5270	16.5
be EHT40	5310	16
be EHT40	5510	17.5
be EHT40	5590	17.5
be EHT40	5670	17
be EHT40	5710	18
be EHT40	5755	20.5
be EHT40	5795	22
be EHT80	5210	15
be EHT80	5290	13.5
be EHT80	5530	16.5
be EHT80	5610	18
be EHT80	5690	18
be EHT80	5775	19.5
be EHT160	5250	15.5
be EHT160	5570	16

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Laptop	DELL	Latitude 5400	DoC	---
2	Laptop	DELL	Latitude 3440	DoC	---
3	RJ45 Connector	ICC	RJ45 Connector	---	---

1.3 Test Setup Chart



1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Mar. 14 ~ Mar. 21, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101499	Apr. 02, 2024	Apr. 01, 2025
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 05, 2024	Nov. 04, 2025
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 02, 2024	Jul. 01, 2025
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 20, 2024	Dec. 19, 2025
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 18, 2024	Nov. 17, 2025
Preamplifier	EMC	EMC02325	980187	Jun. 27, 2024	Jun. 26, 2025
Preamplifier	EMC	EMC118A45SE	980897	Aug. 05, 2024	Aug. 04, 2025
Preamplifier	EMC	EMC184045SE	980903	Jul. 30, 2024	Jul. 29, 2025
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 02, 2024	Oct. 01, 2025
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Sep. 20, 2024	Sep. 19, 2025
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Sep. 20, 2024	Sep. 19, 2025
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Sep. 20, 2024	Sep. 19, 2025
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 20, 2024	Sep. 19, 2025
RF cable-8M	EMC	EMC104-SM-SM-8000	181107	Sep. 20, 2024	Sep. 19, 2025
Attenuator	Pasternack	PE7005-10	10-3	Sep. 20, 2024	Sep. 19, 2025
HIGHPASS FILTER	K&L	11SH10-7000/T18000-O/O	21	Sep. 20, 2024	Sep. 19, 2025
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Mar. 25, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 25, 2025	Feb. 24, 2026
LISN	R&S	ENV216	101579	May. 09, 2024	May. 08, 2025
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Mar. 21, 2025	Mar. 20, 2026
RF Cable-CON	EMC	EMCCFD300-BM-BM-6000	50821	Oct. 09, 2024	Oct. 08, 2025
50 ohm terminal	NA	50	01	Jun. 19, 2024	Jun. 18, 2025
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	Mar. 21 ~ Apr. 01, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 17, 2024	Jun. 16, 2025
Power Meter	Anritsu	ML2495A	1241002	Nov. 26, 2024	Nov. 25, 2025
Power Sensor	Anritsu	MA2411B	1207366	Nov. 26, 2024	Nov. 25, 2025
Attenuator	Pasternack	PE7005-10	10-2	Oct. 04, 2024	Oct. 03, 2025
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jul. 01, 2024	Jun. 30, 2025
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 27, 2024	Dec. 26, 2025
Measurement Software	Sporton	SENSE-15407_NII	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.407
ANSI C63.10-2013

1.6 Reference Guidance

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

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

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

2 Test Configuration

2.1 Testing Facility

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

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

2.2 The Worst Test Modes and Channel Details

Non-beamforming mode

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emissions	be EHT20	5240	MCS 0	---
Unwanted Emissions ≤1GHz	be EHT20	5240	MCS 0	---
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	---
	be EHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	be EHT40	5190 / 5230 / 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	be EHT80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
	be EHT160	5250 / 5570	MCS 0	
Frequency Stability	Un-modulation	5300	---	---
Frequency band 5725-5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emissions	be EHT40	5795	MCS 0	---
Unwanted Emissions ≤1GHz	be EHT40	5795	MCS 0	---
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth 6dB bandwidth Power Spectral Density	11a	5745 / 5785 / 5825	6 Mbps	---
	be EHT20	5745 / 5785 / 5825	MCS 0	
	be EHT40	5755 / 5795	MCS 0	
	be EHT80	5775	MCS 0	
Frequency Stability	Un-modulation	5785	---	---
NOTE:				
1. Beamforming mode is calculated not measured. The calculation method is conducted power of non-beamforming – (Directional gain - max gain of single antenna).				

Beamforming mode

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Conducted Output Power	be EHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	---
	be EHT40	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	be EHT80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
	be EHT160	5250 / 5570	MCS 0	
Frequency band 5725-5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Conducted Output Power	be EHT20	5745 / 5785 / 5825	MCS 0	---
	be EHT40	5755 / 5795	MCS 0	
	be EHT80	5775	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 X-plane results were found as the worst case and were shown in this report.				
2. Beamforming mode is calculated not measured. The calculation method is conducted power of non-beamforming – (Directional gain - max gain of single antenna).				

3 Transmitter Test Results

3.1 Emission Bandwidth

3.1.1 Limit of Emission Bandwidth

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

3.1.2 Test Procedures

26dB Bandwidth

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

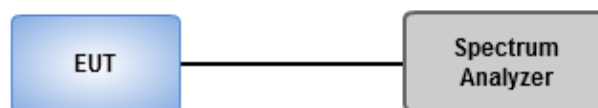
Occupied Bandwidth

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

6dB Bandwidth

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

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	23-24°C / 62-65%	Tested By	Roger Lu, Akun Chung
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Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

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

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

3.2.2 Test Procedures

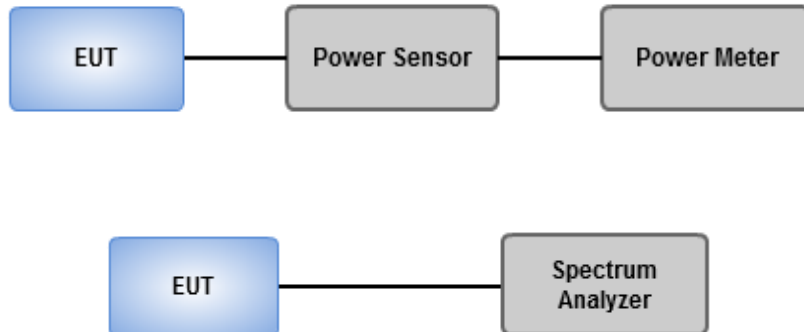
Method PM-G (Measurement using a gated RF average power meter)

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

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

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

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	23-24°C / 62-65%	Tested By	Roger Lu, Akun Chung
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Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

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

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

3.3.2 Test Procedures

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

Duty cycle $\geq 98\%$

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

Duty cycle $< 98\%$

1. Set RBW = 1 MHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time $\geq 10 \times (\text{number of points in sweep}) \times (\text{total on/off period of the transmitted signal})$.
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add $10 \log(1/x)$, where x is the duty cycle.

For 5725 ~ 5850 MHz

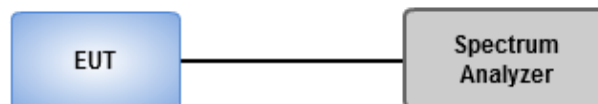
Duty cycle $\geq 98\%$

1. Set RBW = 500 kHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle $< 98\%$

1. Set RBW = 500 kHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time $\geq 10 \times (\text{number of points in sweep}) \times (\text{total on/off period of the transmitted signal})$.
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add $10 \log(1/x)$, where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	23-24°C / 62-65%	Tested By	Roger Lu, Akun Chung
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Refer to Appendix C.

3.4 Unwanted Emissions

3.4.1 Limit of Unwanted Emissions

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

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.850 GHz	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.4.2 Test Procedures

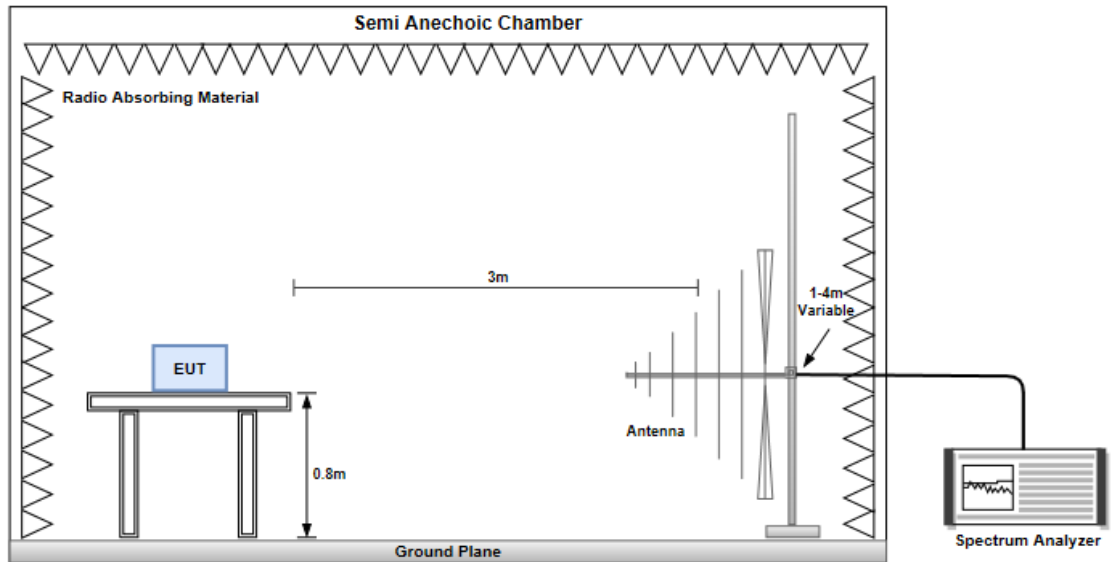
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

Note:

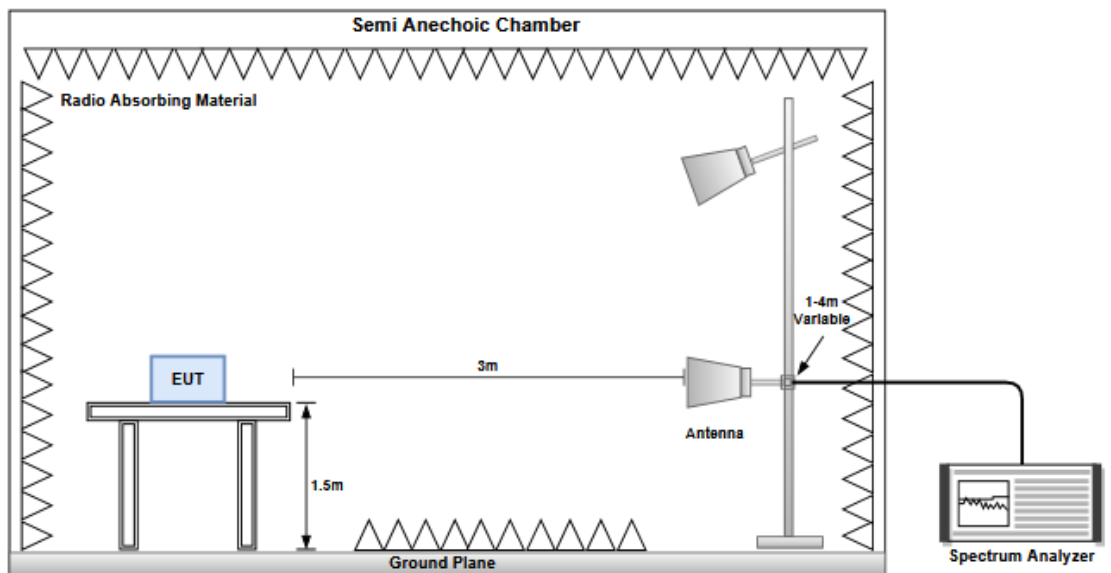
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

Unwanted Emissions below 1 GHz



Unwanted Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Frequency Stability

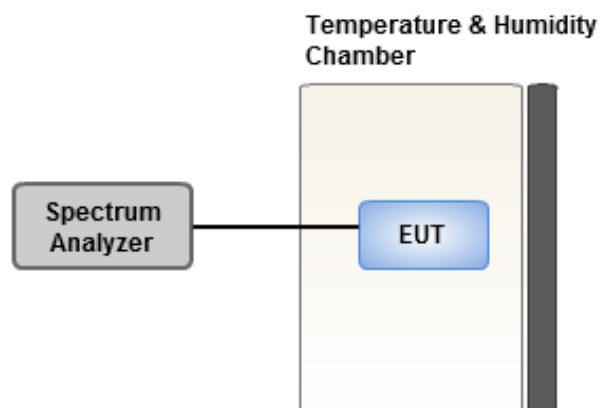
3.5.1 Limit of Frequency Stability

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

3.5.2 Test Procedures

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

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	23-24°C / 62-65%	Tested By	Roger Lu, Akun Chung
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Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

3.6.1 Limit of AC Power Line Conducted Emissions

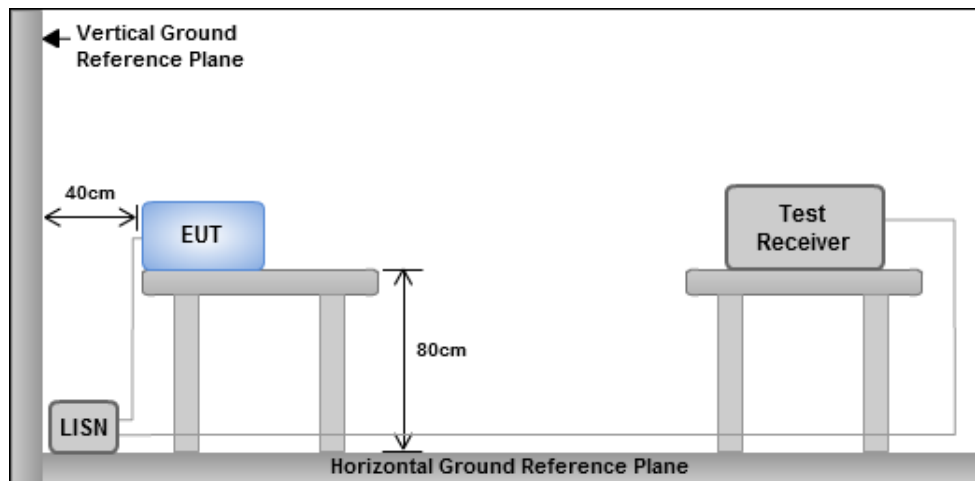
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.6.2 Test Procedures

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

3.6.3 Test Setup



- Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 Test laboratory information

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

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

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

Kwei Shan

Tel: 886-3-271-8666

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

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	39.006M	17.795M	17M8D1D	20.328M	16.35M
802.11be EHT20_Nss1,(MCS0)_4TX	39.204M	19.267M	19M3D1D	20.064M	18.839M
802.11be EHT40_Nss1,(MCS0)_4TX	58.476M	37.801M	37M8D1D	39.336M	37.449M
802.11be EHT80_Nss1,(MCS0)_4TX	80.52M	77.052M	77M1D1D	79.992M	76.835M
802.11be EHT160_Nss1,(MCS0)_4TX	80.16M	77.688M	77M7D1D	80M	77.395M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.232M	16.428M	16M4D1D	18.612M	16.33M
802.11be EHT20_Nss1,(MCS0)_4TX	24.42M	18.877M	18M9D1D	19.8M	18.826M
802.11be EHT40_Nss1,(MCS0)_4TX	39.468M	37.564M	37M6D1D	39.336M	37.443M
802.11be EHT80_Nss1,(MCS0)_4TX	80.256M	77.077M	77M1D1D	79.992M	76.802M
802.11be EHT160_Nss1,(MCS0)_4TX	80.32M	77.745M	77M7D1D	80.16M	77.544M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.704M	16.387M	16M4D1D	14.175M	13.067M
802.11be EHT20_Nss1,(MCS0)_4TX	25.014M	18.88M	18M9D1D	14.865M	14.344M
802.11be EHT40_Nss1,(MCS0)_4TX	44.22M	37.648M	37M6D1D	34.65M	33.429M
802.11be EHT80_Nss1,(MCS0)_4TX	84.48M	77.118M	77M1D1D	74.925M	72.854M
802.11be EHT160_Nss1,(MCS0)_4TX	163.152M	156.176M	156MD1D	162.096M	155.392M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.368M	16.824M	16M8D1D	3.14M	3.374M
802.11be EHT20_Nss1,(MCS0)_4TX	18.942M	20.162M	20M2D1D	4.4M	4.54M
802.11be EHT40_Nss1,(MCS0)_4TX	36.96M	38.478M	38M5D1D	3.98M	4.109M
802.11be EHT80_Nss1,(MCS0)_4TX	74.448M	77.092M	77M1D1D	3.96M	4.613M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX										
5180MHz	Pass	Inf	22.902M	16.408M	20.328M	16.393M	23.166M	16.439M	24.156M	16.35M
5200MHz	Pass	Inf	33.726M	16.563M	26.004M	16.425M	23.562M	16.385M	36.366M	16.635M
5240MHz	Pass	Inf	39.006M	17.795M	35.31M	16.721M	34.584M	16.73M	33.858M	16.587M
5260MHz	Pass	Inf	21.978M	16.35M	18.876M	16.395M	19.668M	16.354M	18.81M	16.33M
5300MHz	Pass	Inf	22.836M	16.387M	21.054M	16.428M	18.612M	16.382M	19.866M	16.358M
5320MHz	Pass	Inf	22.308M	16.386M	23.232M	16.393M	20.46M	16.387M	20.922M	16.367M
5500MHz	Pass	Inf	19.47M	16.379M	19.008M	16.343M	18.48M	16.353M	21.45M	16.368M
5580MHz	Pass	Inf	19.272M	16.344M	18.282M	16.335M	18.216M	16.328M	18.282M	16.351M
5700MHz	Pass	Inf	21.516M	16.375M	22.242M	16.354M	22.572M	16.387M	22.704M	16.361M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.175M	13.108M	14.175M	13.067M	14.175M	13.164M	14.25M	13.123M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.393M	3.14M	3.375M	3.2M	3.374M	3.16M	3.405M
5745MHz	Pass	500k	16.038M	16.64M	16.302M	16.566M	16.302M	16.803M	15.642M	16.824M
5785MHz	Pass	500k	16.302M	16.491M	16.038M	16.502M	15.906M	16.589M	16.038M	16.595M
5825MHz	Pass	500k	16.368M	16.48M	15.708M	16.371M	16.302M	16.5M	16.302M	16.419M
802.11be EHT20_Nss1,(MCS0)_4TX										
5180MHz	Pass	Inf	23.496M	18.855M	20.064M	18.839M	20.064M	18.888M	24.684M	18.881M
5200MHz	Pass	Inf	31.284M	18.925M	23.166M	18.862M	22.638M	18.878M	28.182M	18.942M
5240MHz	Pass	Inf	37.422M	19.267M	32.208M	19.008M	39.204M	19.023M	31.68M	18.945M
5260MHz	Pass	Inf	19.998M	18.832M	19.8M	18.856M	19.866M	18.826M	19.8M	18.85M
5300MHz	Pass	Inf	24.42M	18.877M	20.724M	18.861M	22.044M	18.854M	19.8M	18.845M
5320MHz	Pass	Inf	21.912M	18.857M	21.582M	18.849M	22.44M	18.861M	19.866M	18.838M
5500MHz	Pass	Inf	25.014M	18.859M	21.714M	18.88M	20.922M	18.861M	19.866M	18.851M
5580MHz	Pass	Inf	19.866M	18.838M	19.8M	18.836M	19.734M	18.825M	19.8M	18.836M
5700MHz	Pass	Inf	20.262M	18.847M	19.8M	18.848M	19.998M	18.843M	19.8M	18.832M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.955M	14.359M	14.895M	14.372M	14.94M	14.344M	14.865M	14.35M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.542M	4.54M	4.545M	4.4M	4.54M	4.52M	4.554M
5745MHz	Pass	500k	18.018M	19.094M	18.678M	19.091M	18.48M	20.162M	18.81M	19.863M
5785MHz	Pass	500k	18.678M	19.045M	18.876M	19.071M	18.282M	19.388M	18.678M	19.233M
5825MHz	Pass	500k	18.942M	18.988M	18.678M	18.893M	18.414M	19.019M	18.744M	18.97M
802.11be EHT40_Nss1,(MCS0)_4TX										
5190MHz	Pass	Inf	39.468M	37.552M	39.336M	37.449M	39.336M	37.525M	39.468M	37.576M
5230MHz	Pass	Inf	58.344M	37.801M	52.14M	37.674M	58.476M	37.712M	56.628M	37.654M
5270MHz	Pass	Inf	39.336M	37.556M	39.336M	37.451M	39.468M	37.443M	39.468M	37.564M
5310MHz	Pass	Inf	39.468M	37.55M	39.468M	37.56M	39.468M	37.537M	39.336M	37.485M
5510MHz	Pass	Inf	39.336M	37.515M	40.788M	37.532M	39.336M	37.648M	39.6M	37.568M
5590MHz	Pass	Inf	39.6M	37.48M	39.468M	37.568M	39.6M	37.56M	39.336M	37.555M
5670MHz	Pass	Inf	39.6M	37.572M	42.504M	37.573M	39.6M	37.574M	44.22M	37.47M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.755M	33.49M	34.685M	33.531M	34.65M	33.429M	42M	33.552M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.127M	4M	4.109M	4.08M	4.122M	4.04M	4.69M

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)
5755MHz	Pass	500k	36.564M	37.692M	33.396M	37.665M	31.812M	37.771M	36.96M	37.856M
5795MHz	Pass	500k	35.508M	38.012M	29.964M	38.134M	33.264M	38.478M	34.716M	38.267M
802.11be EHT80_Nss1,(MCS0)_4TX										
5210MHz	Pass	Inf	80.52M	77.052M	80.52M	76.963M	80.256M	76.911M	79.992M	76.835M
5290MHz	Pass	Inf	80.256M	76.885M	79.992M	76.802M	80.256M	76.89M	79.992M	77.077M
5530MHz	Pass	Inf	84.48M	77.11M	80.256M	76.95M	80.256M	77.118M	79.992M	76.949M
5610MHz	Pass	Inf	81.048M	76.838M	81.048M	77.089M	79.992M	76.95M	80.256M	76.831M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.925M	72.854M	75M	72.872M	74.925M	72.857M	75.15M	72.892M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.685M	3.98M	11.333M	4.06M	4.613M	3.96M	19.575M
5775MHz	Pass	500k	73.656M	76.909M	66.264M	77.022M	74.184M	77.024M	74.448M	77.092M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.583M	80.16M	77.662M	80.16M	77.688M	80M	77.395M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.16M	77.707M	80.32M	77.745M	80.24M	77.723M	80.16M	77.544M
5570MHz	Pass	Inf	162.624M	155.895M	163.152M	156.176M	162.624M	155.633M	162.096M	155.392M

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

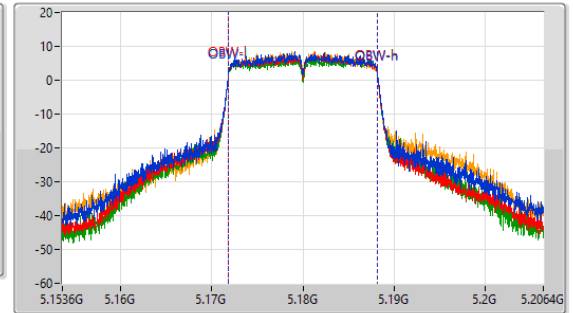
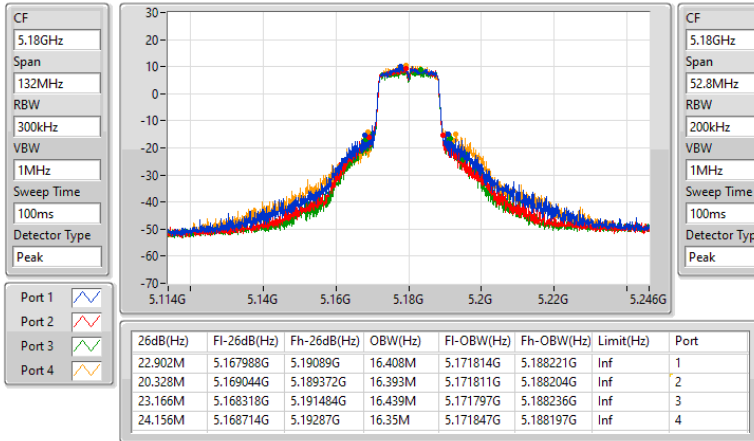
Port X-OBW = Port X 99% occupied bandwidth



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

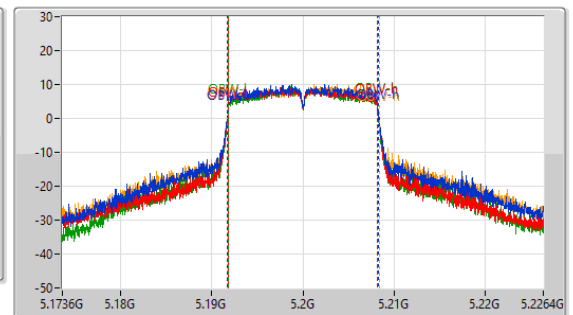
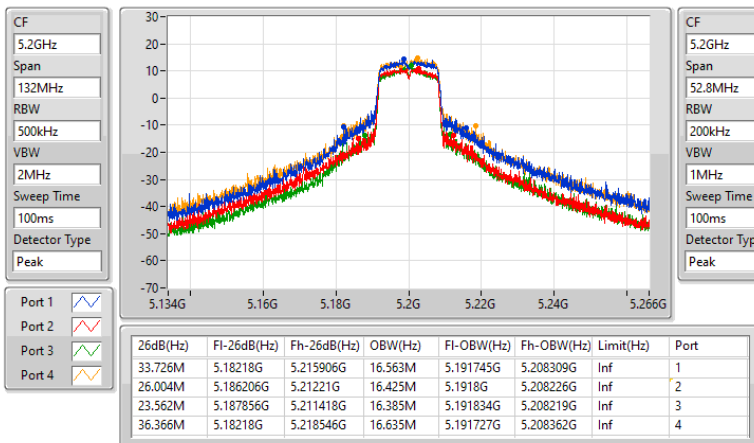
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

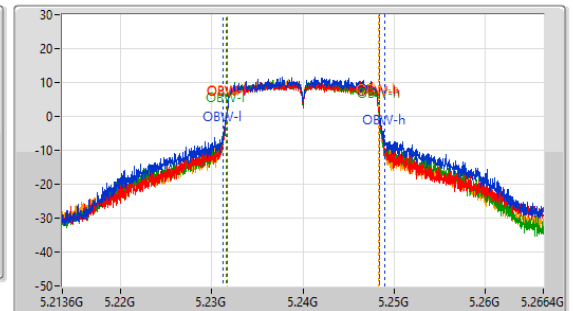
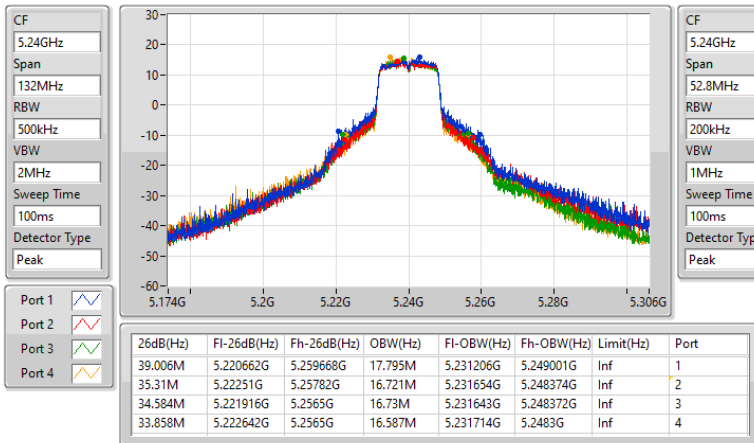
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

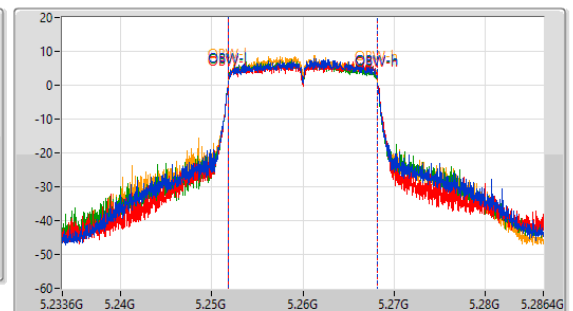
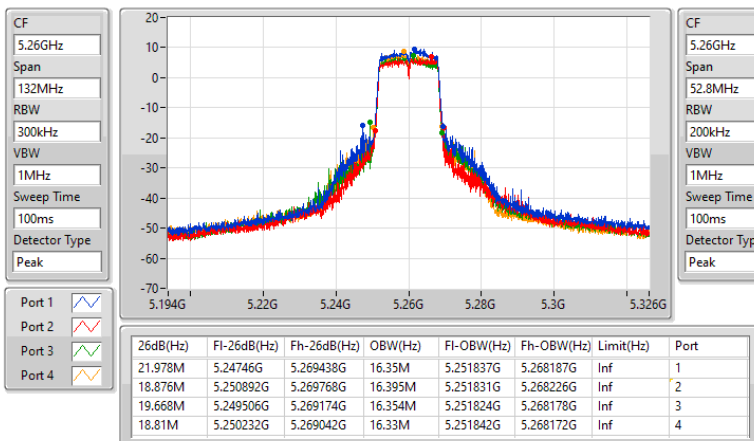
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

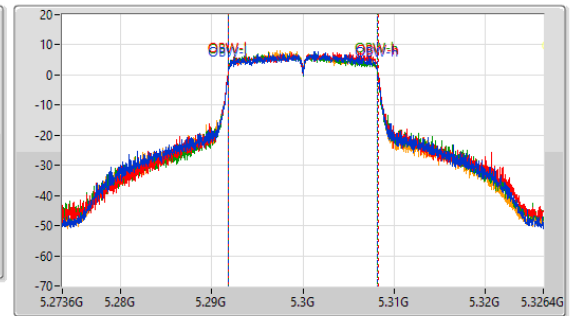
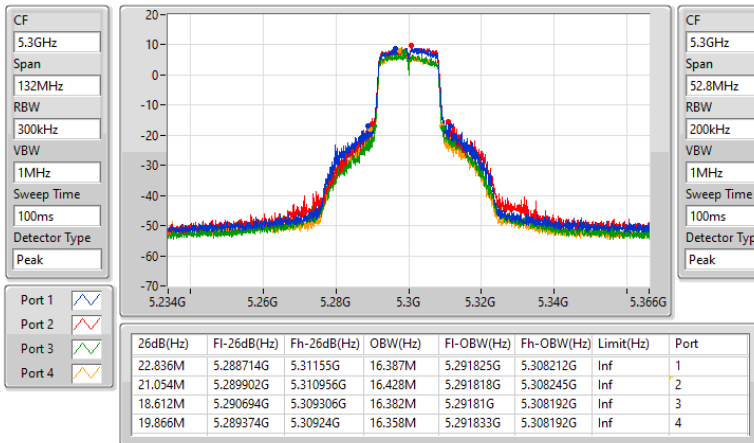




5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

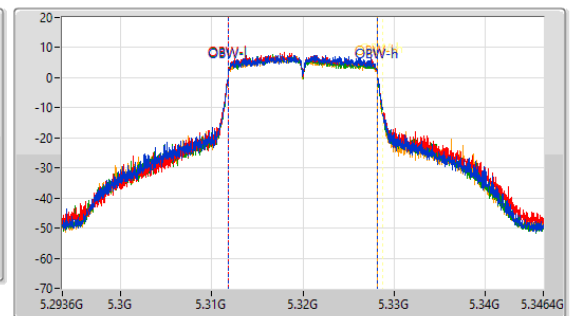
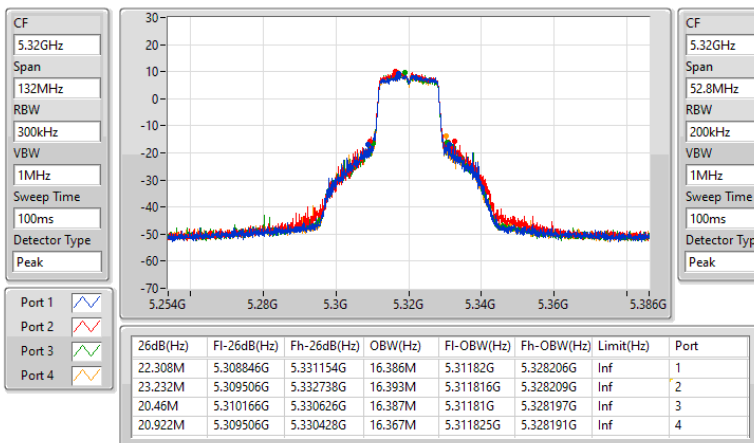
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

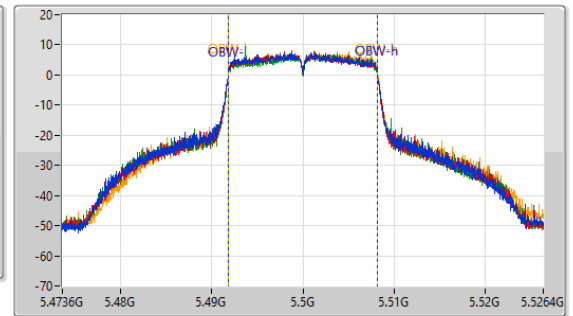
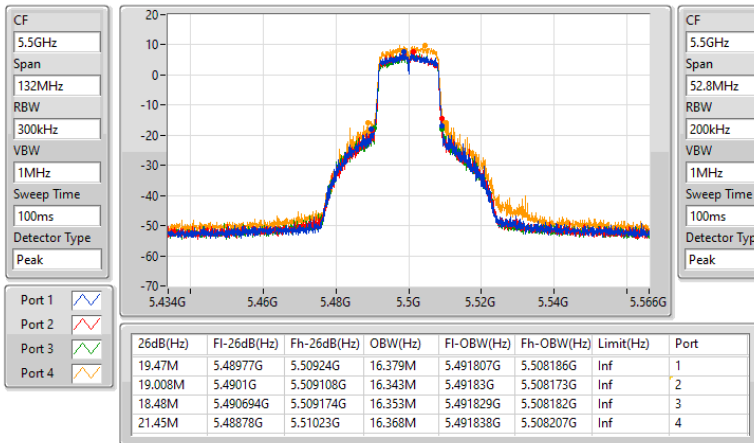
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

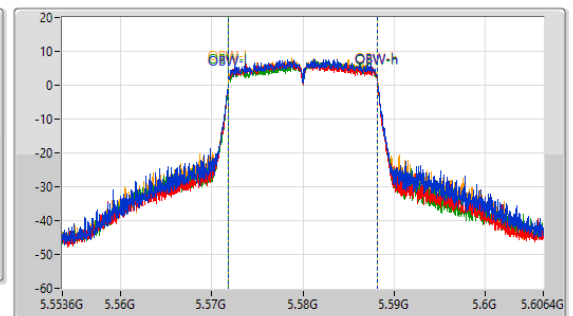
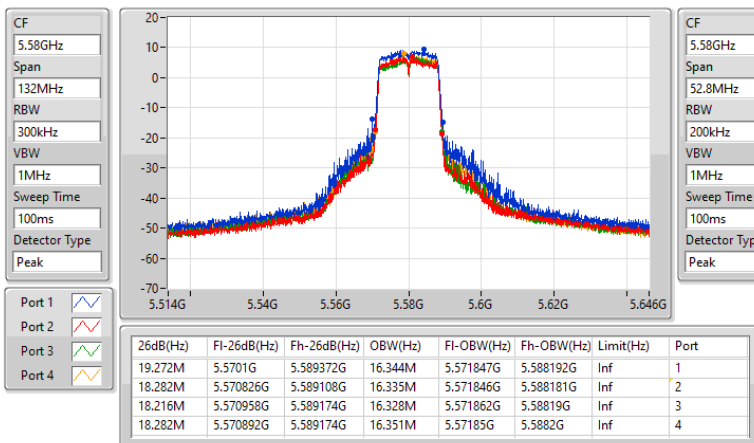
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

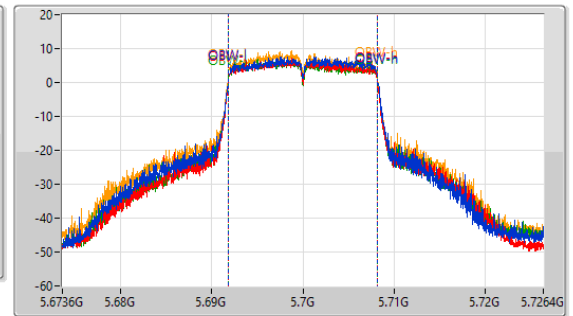
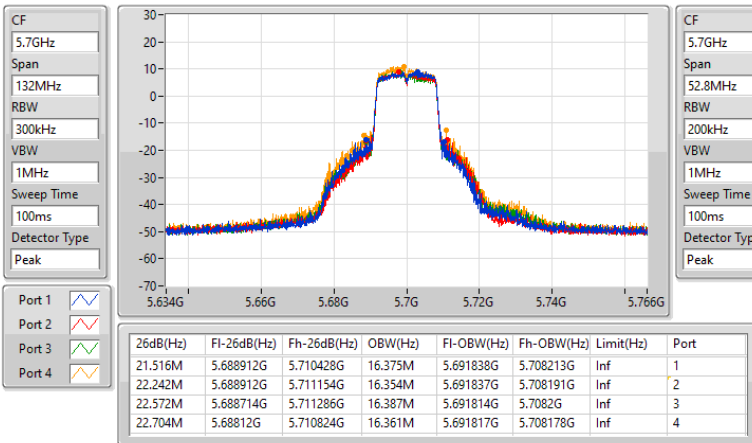




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

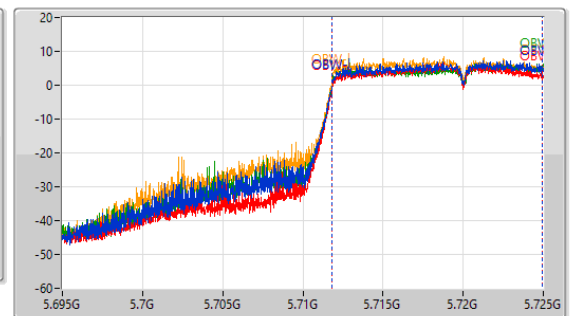
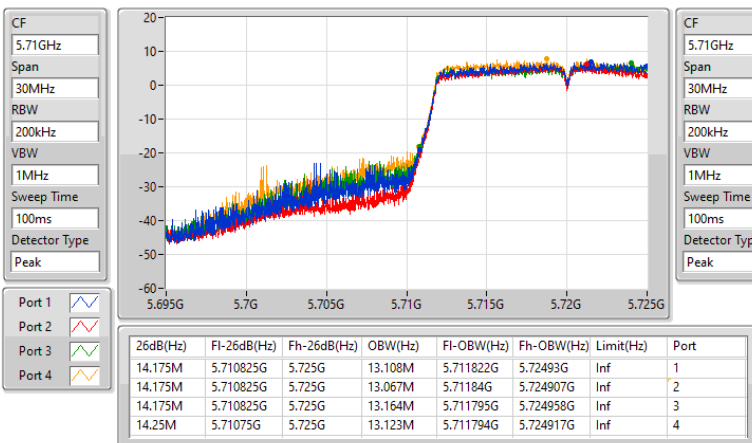
5700MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

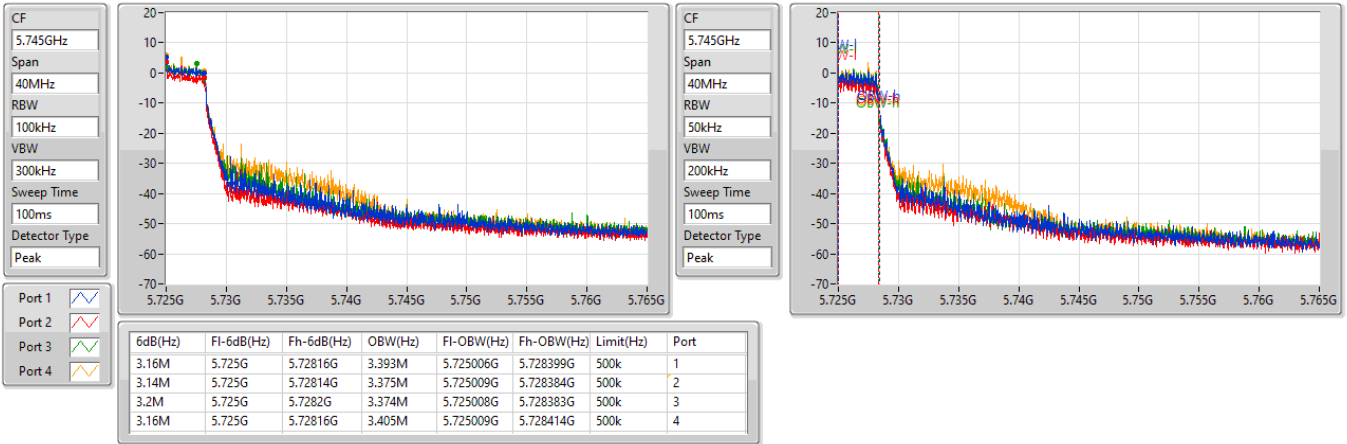
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

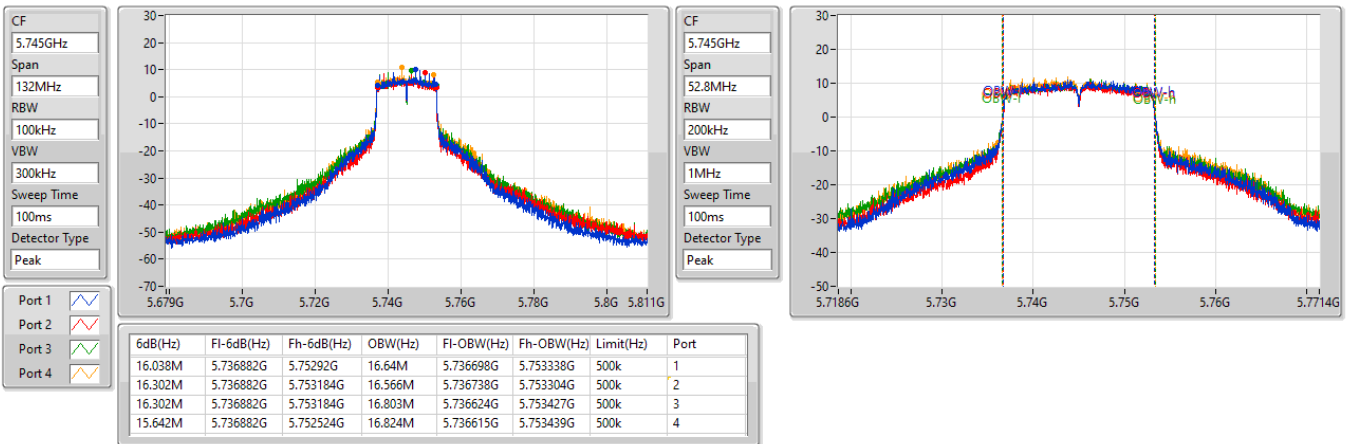
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

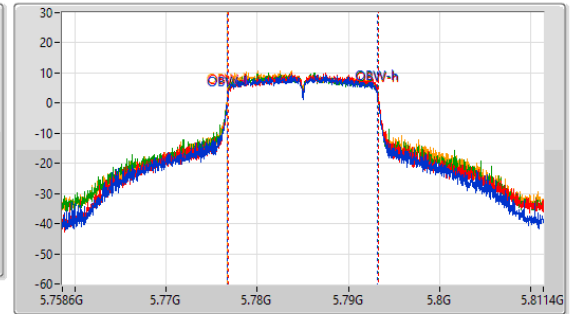
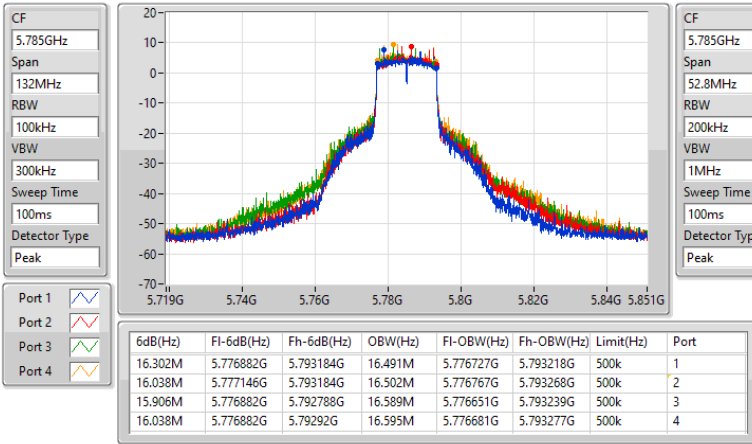
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

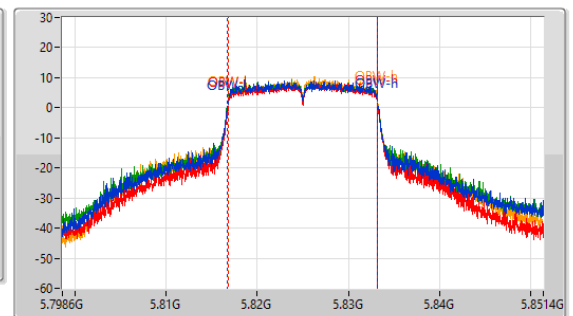
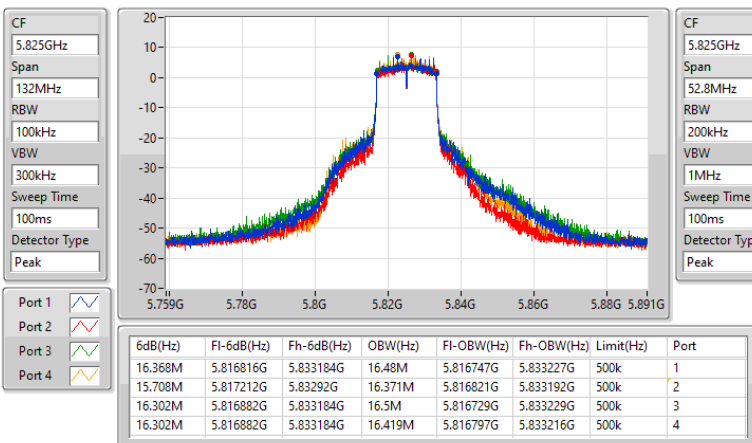
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

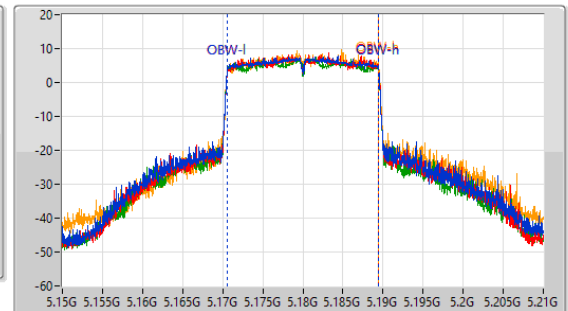
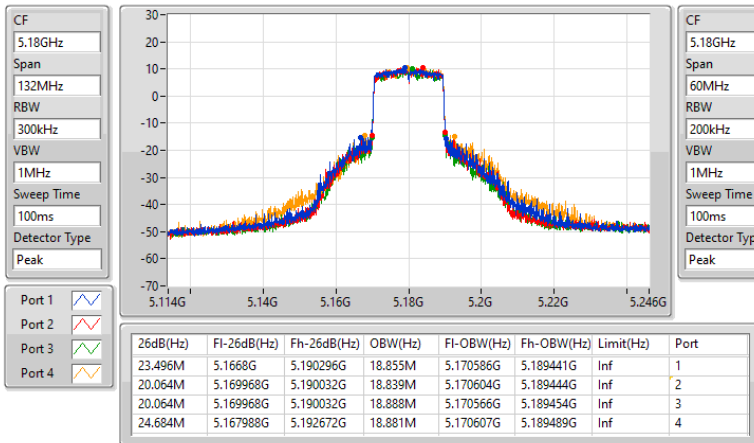
5825MHz



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

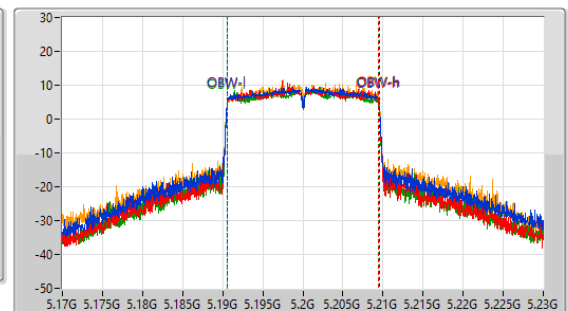
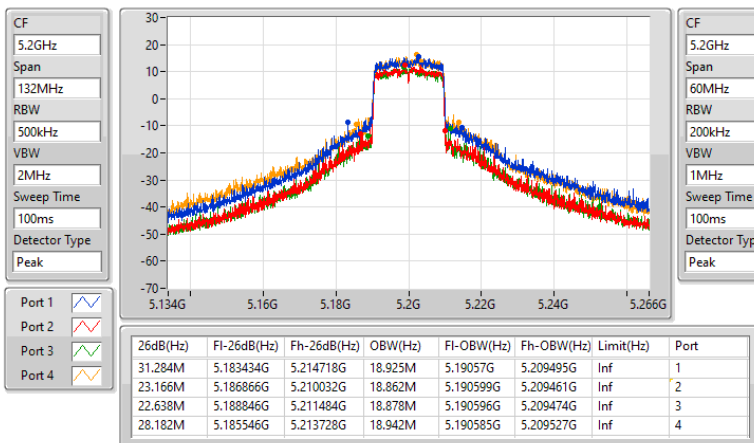
5180MHz



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

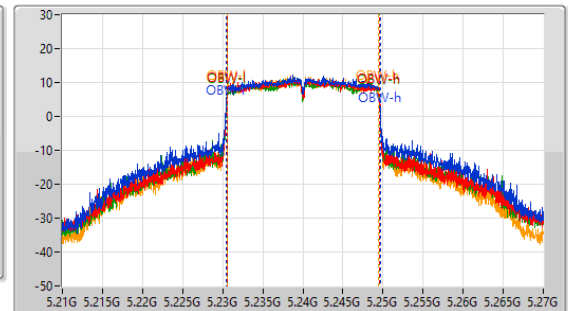
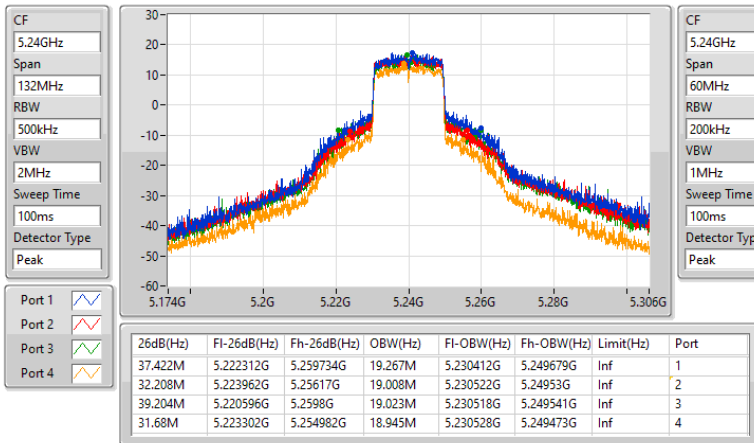
5200MHz



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

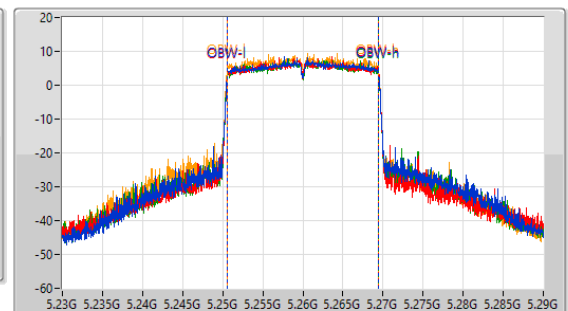
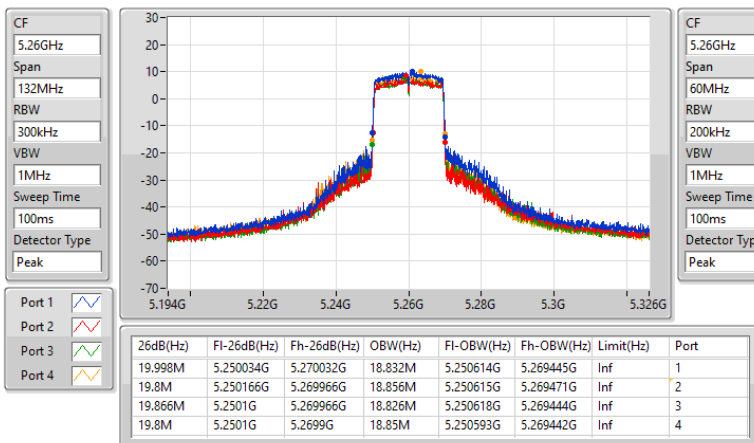
5240MHz



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

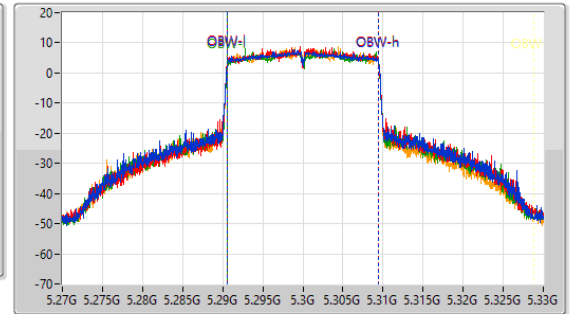
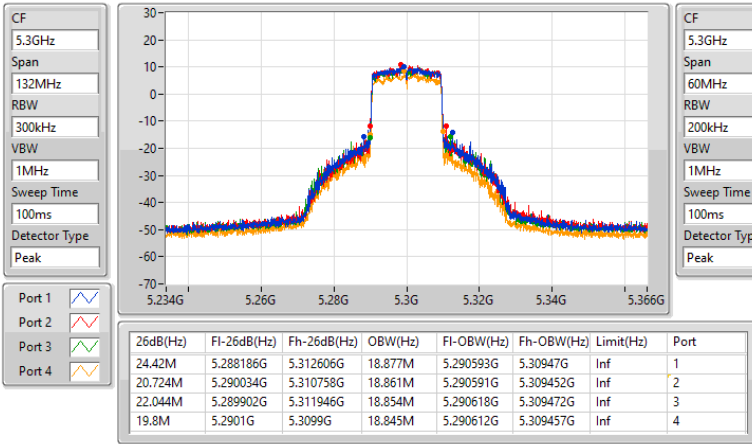




5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

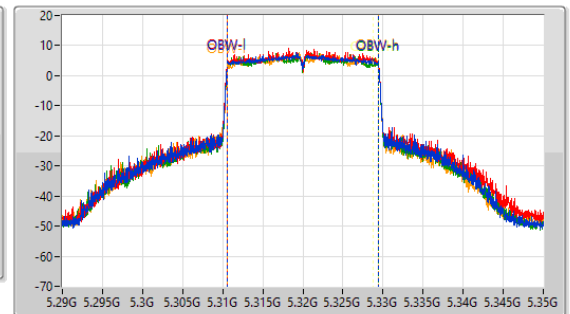
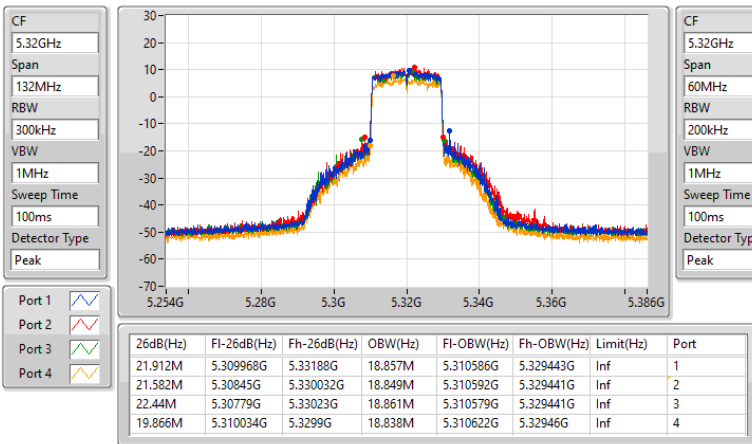
5300MHz



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

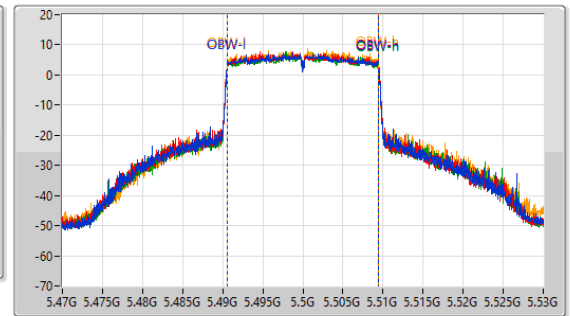
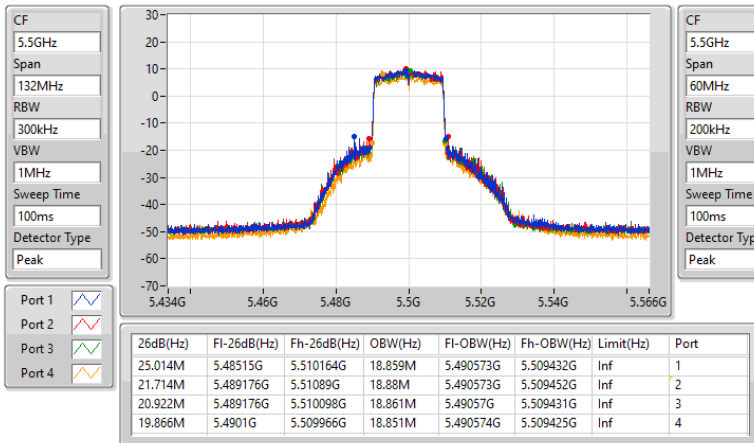




5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

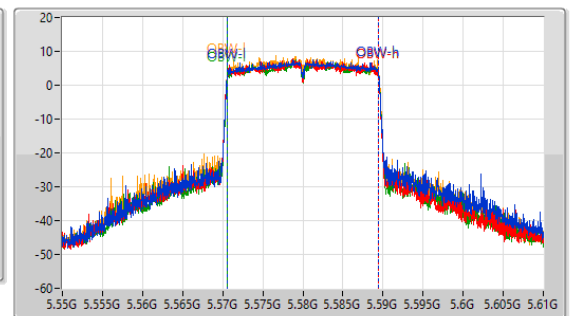
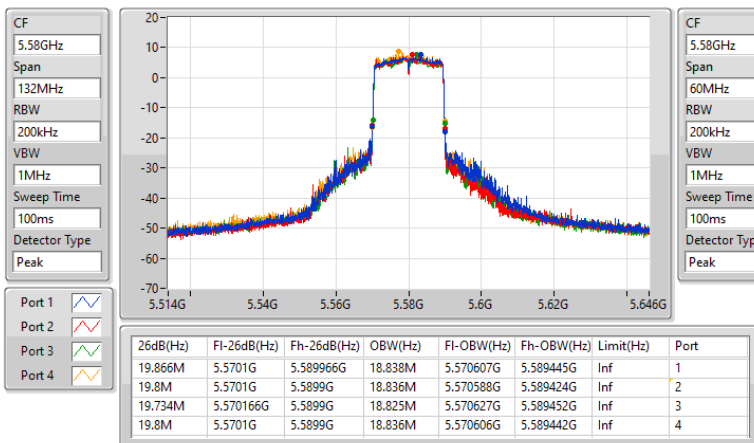
5500MHz



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

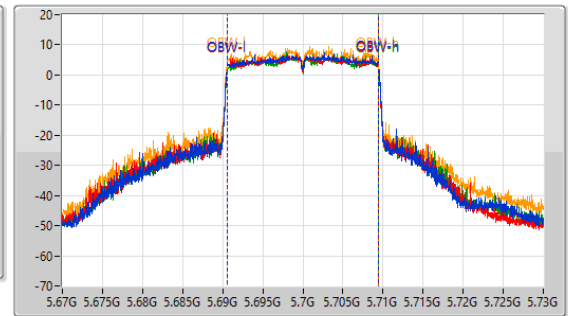
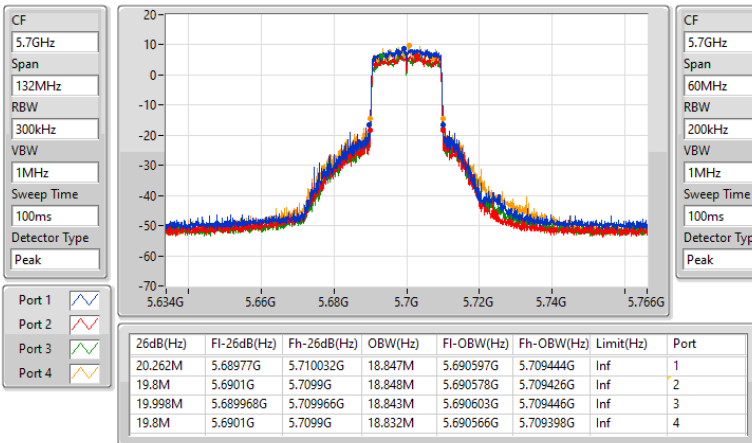




5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

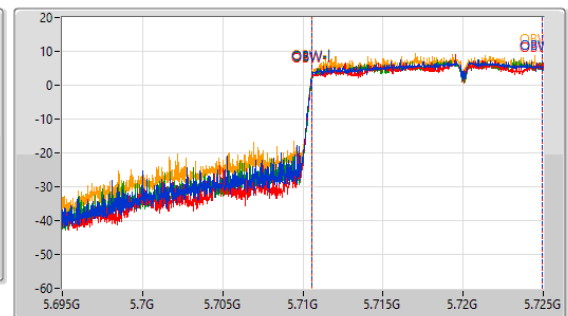
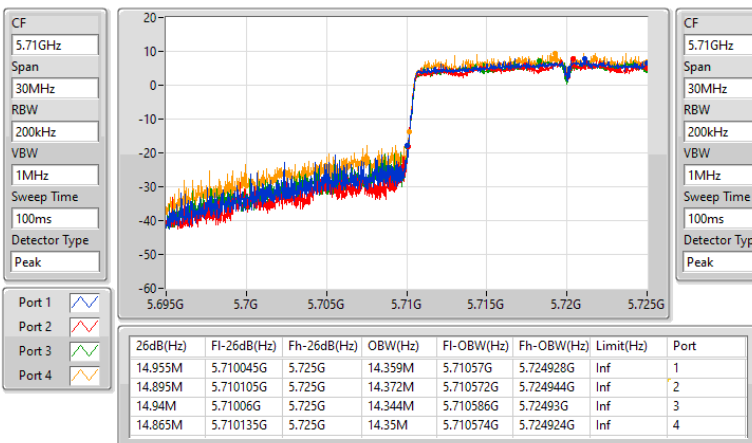
5700MHz



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

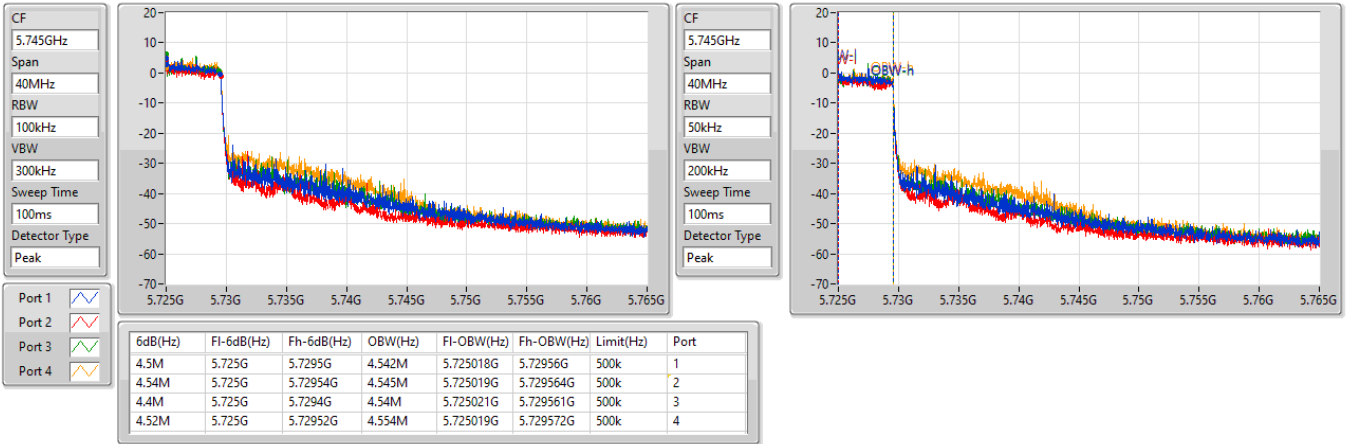




5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

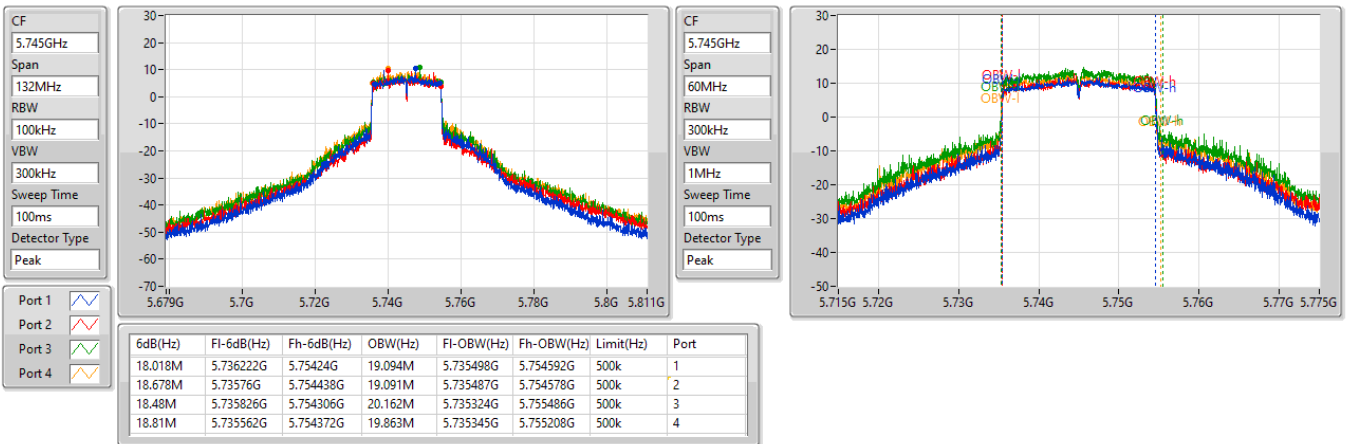
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

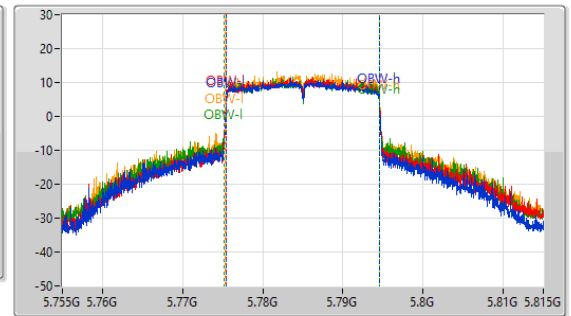
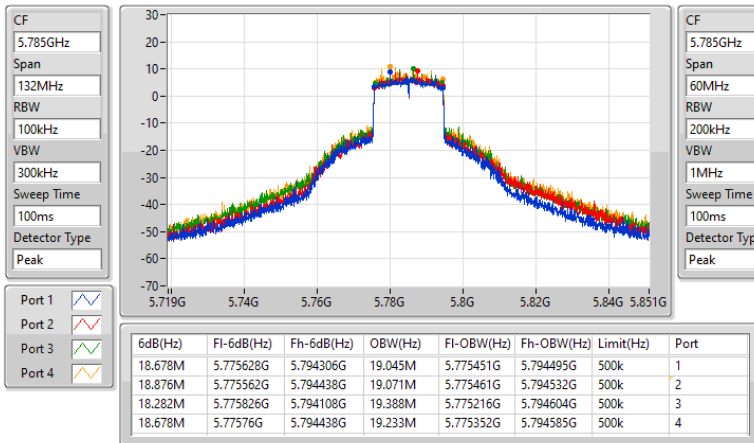
5745MHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

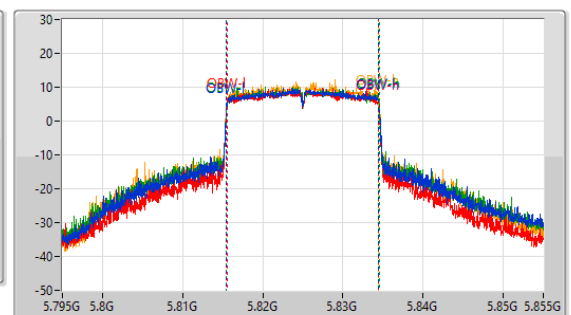
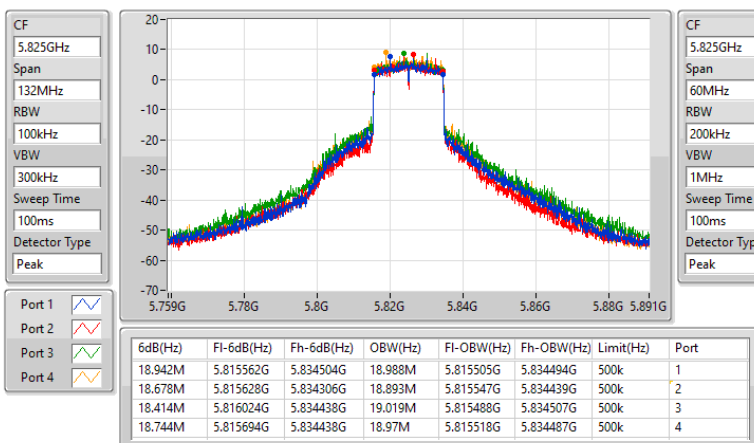
5785MHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

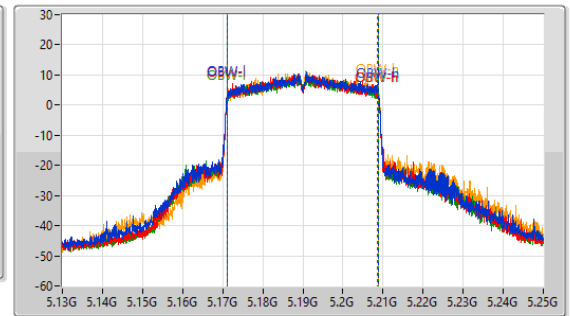
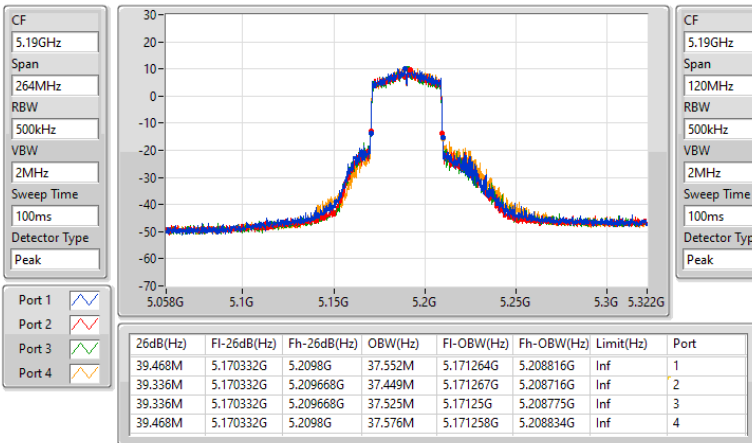




5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

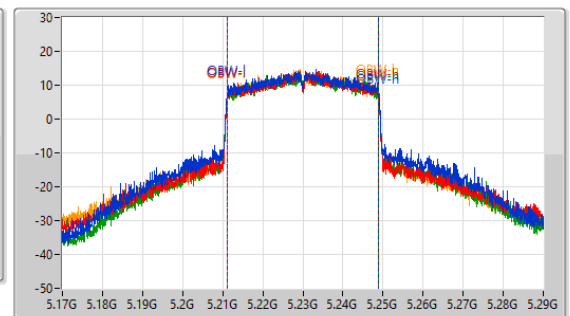
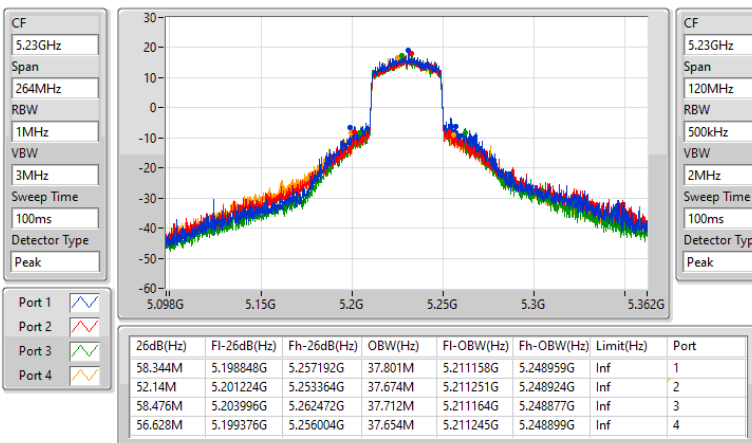
5190MHz



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

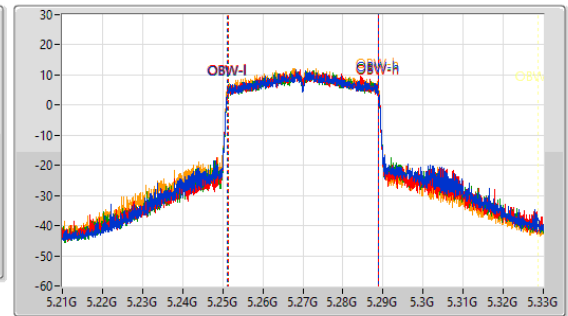
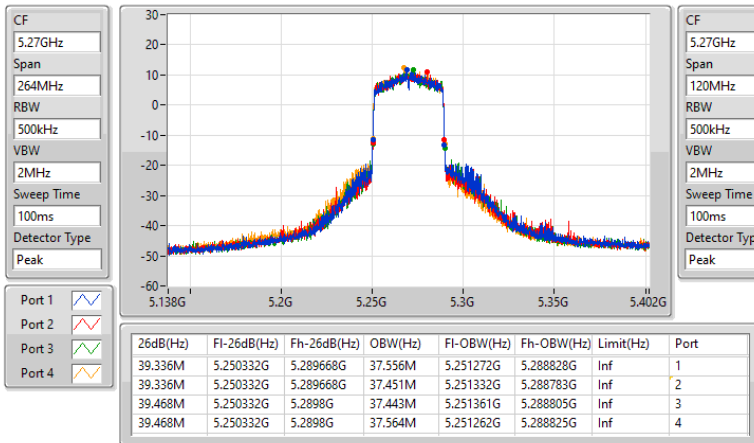




5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

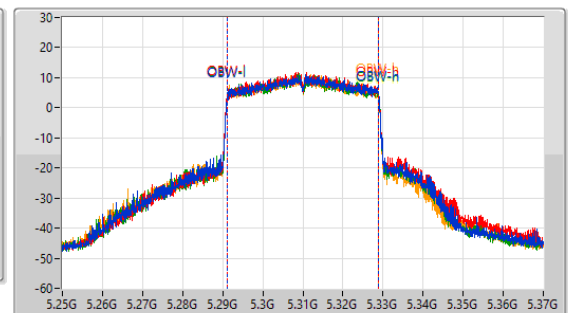
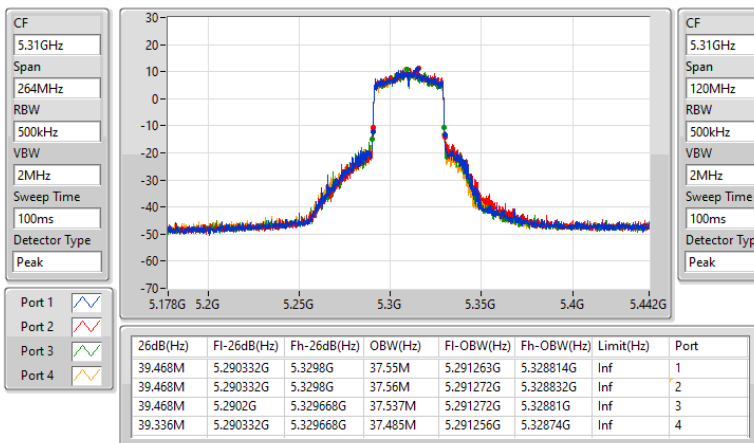
5270MHz



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

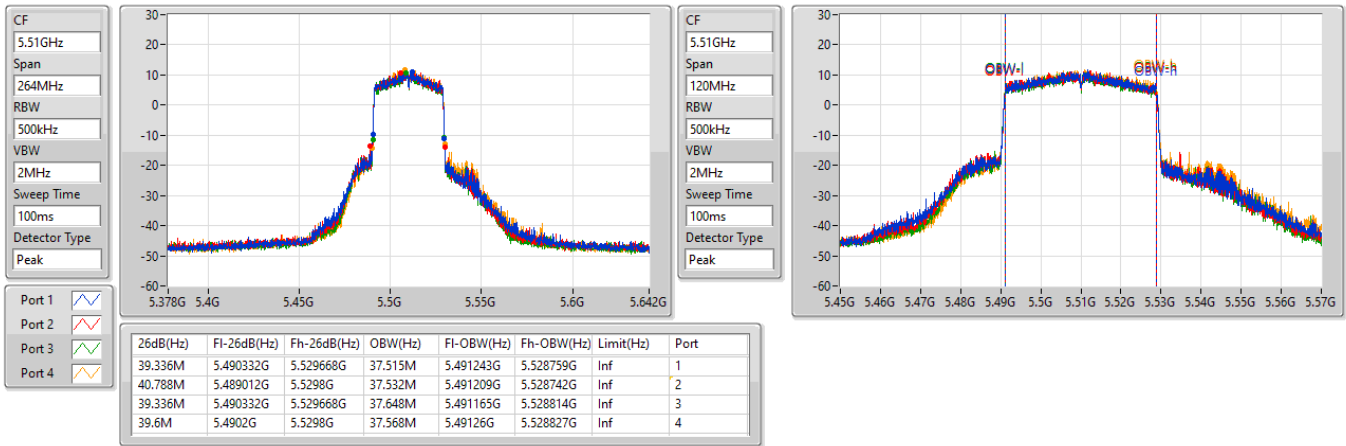




5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

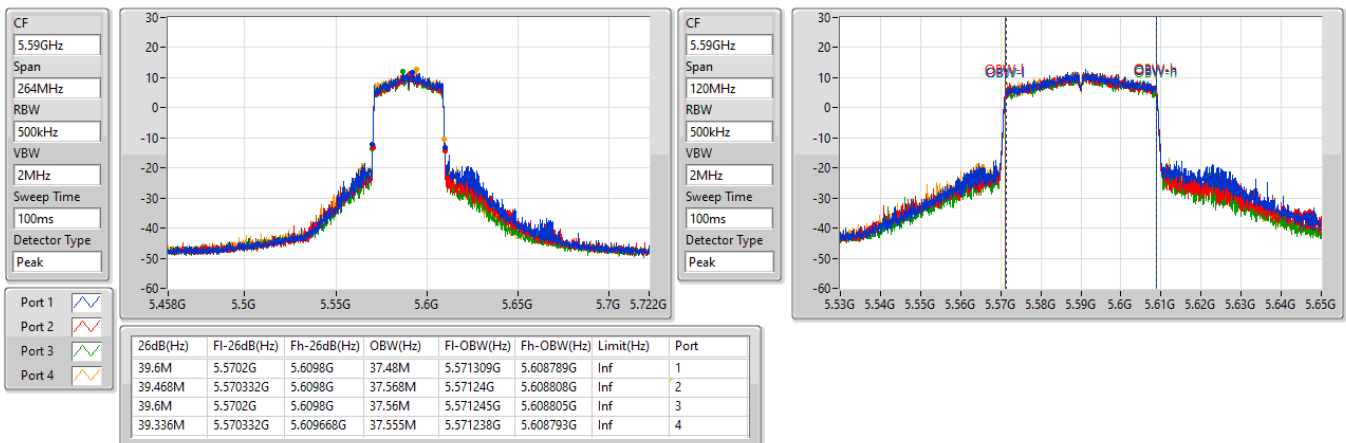
5510MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5590MHz

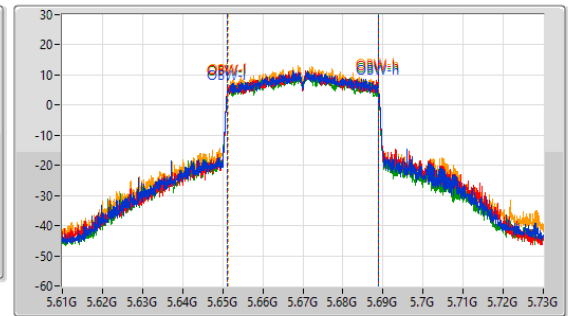
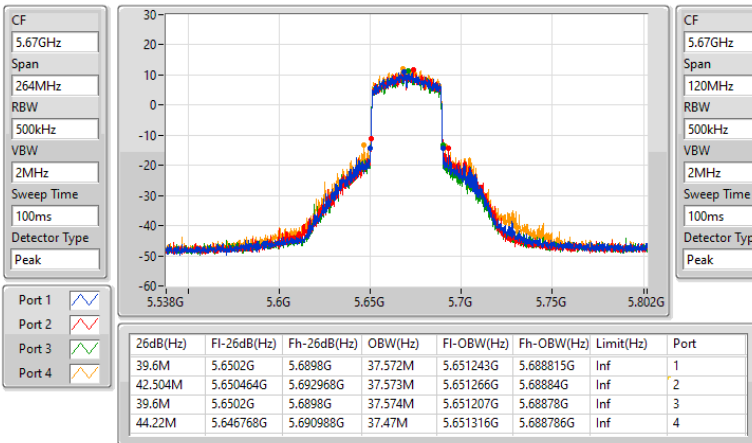




5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

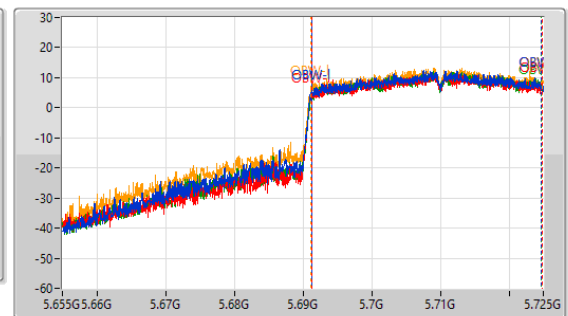
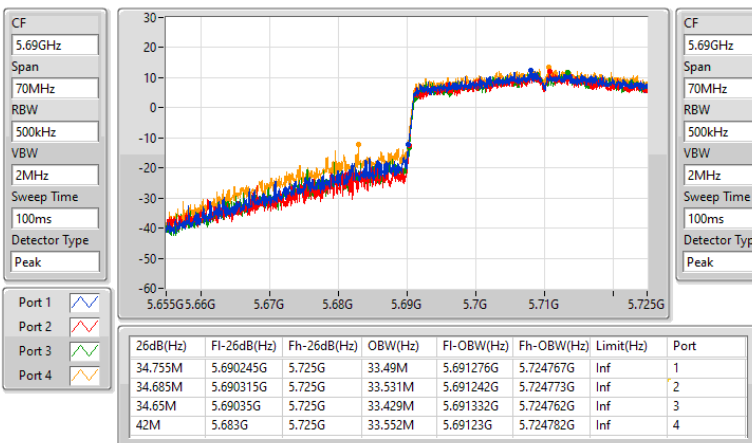
5670MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

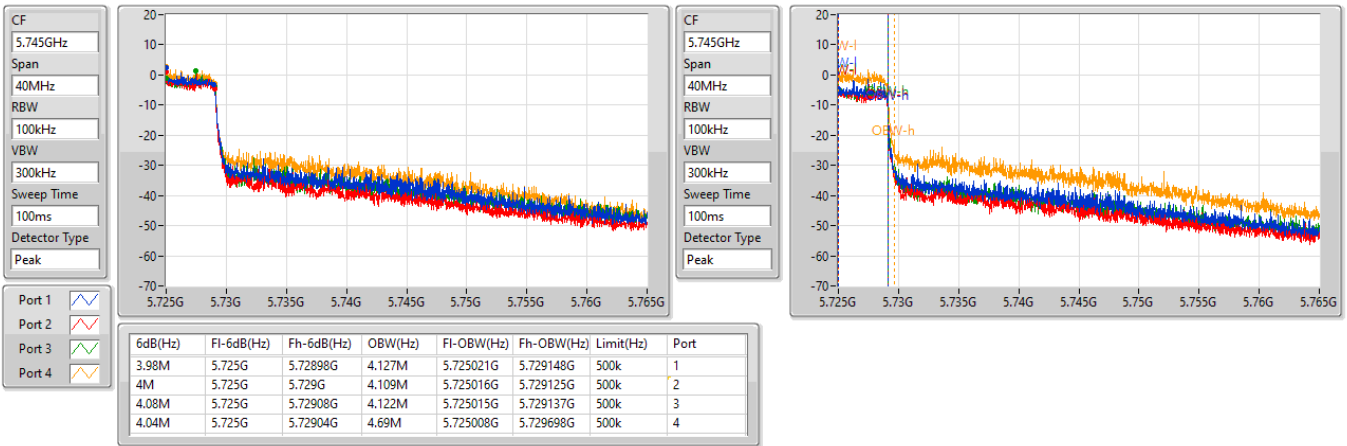
5710MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

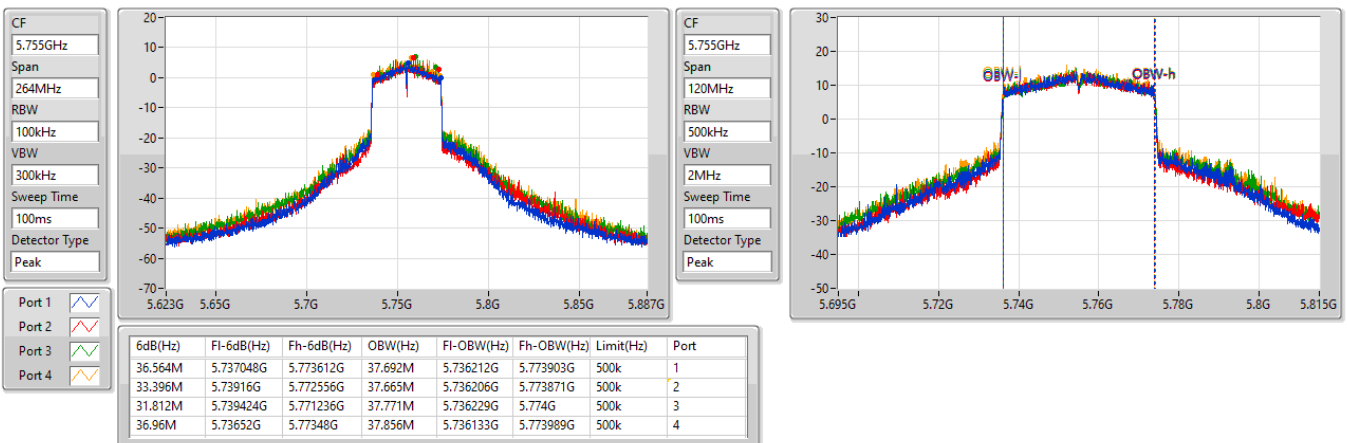
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

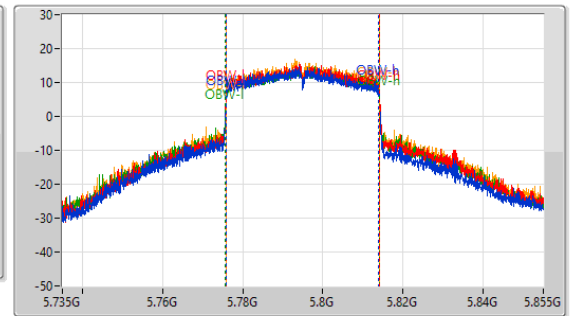
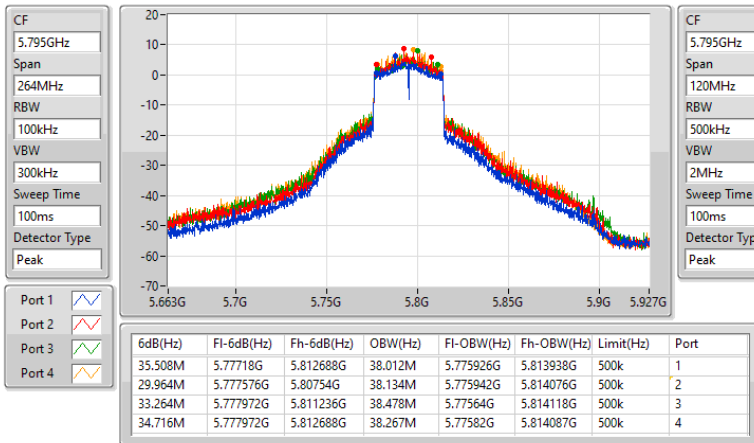
5755MHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

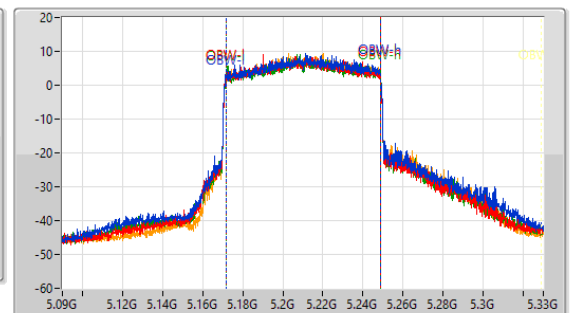
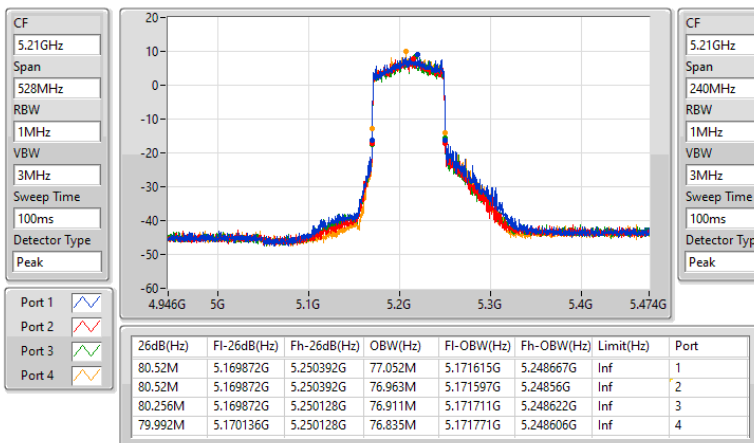
5795MHz



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

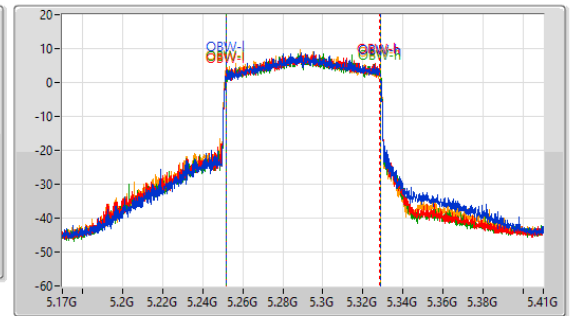
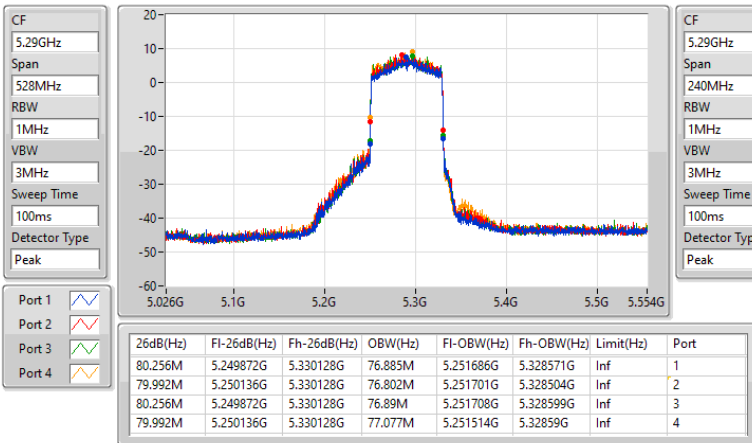




5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

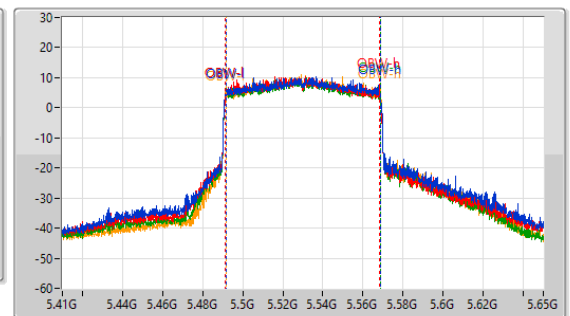
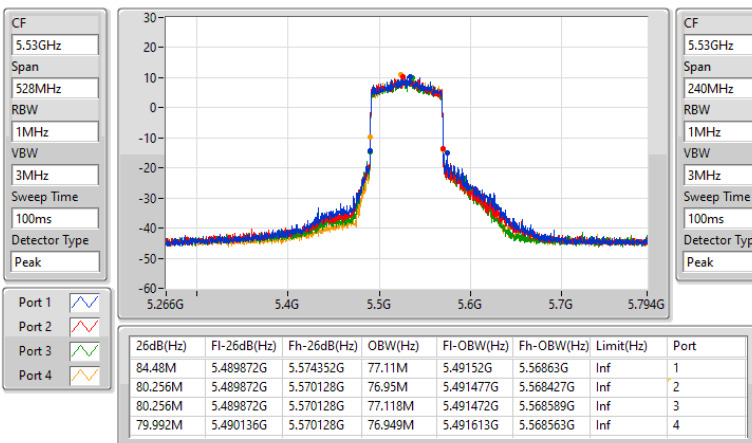
5290MHz



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

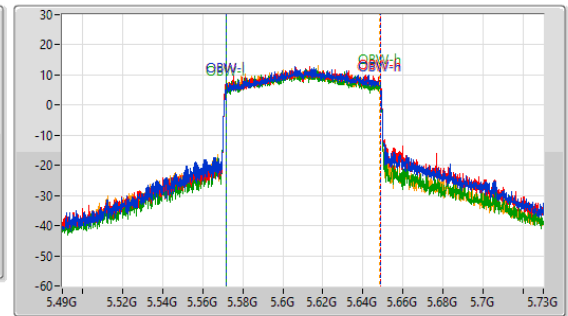
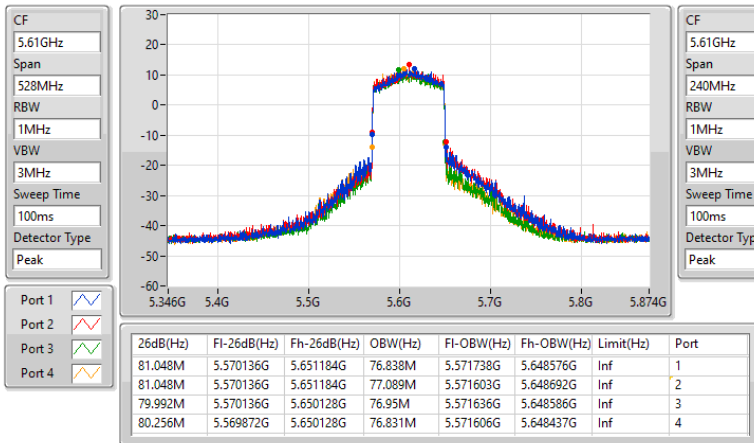




5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

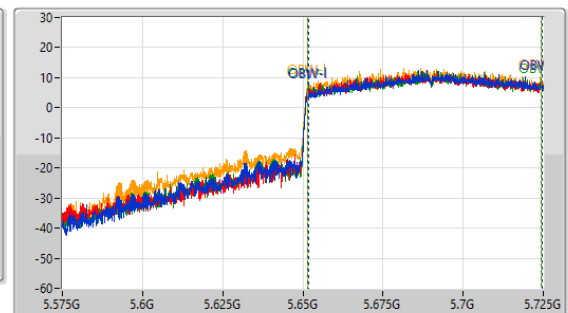
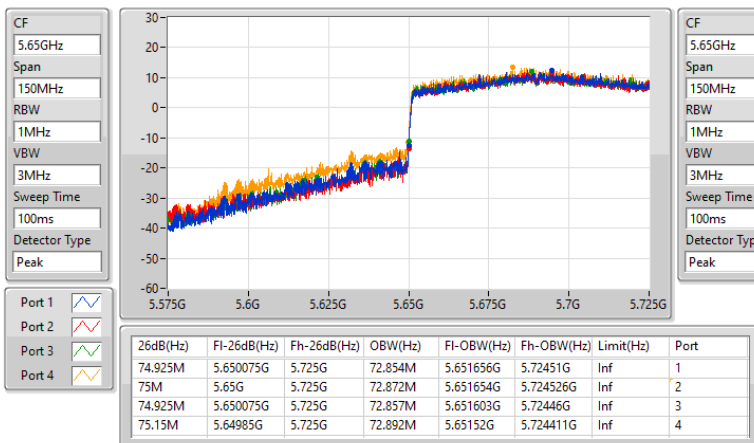
5610MHz



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

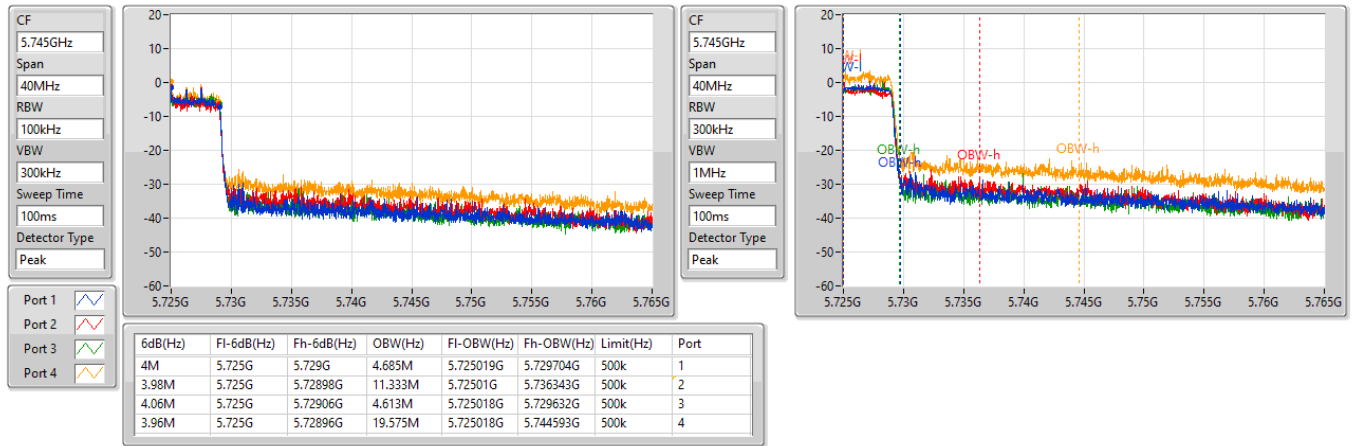




5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

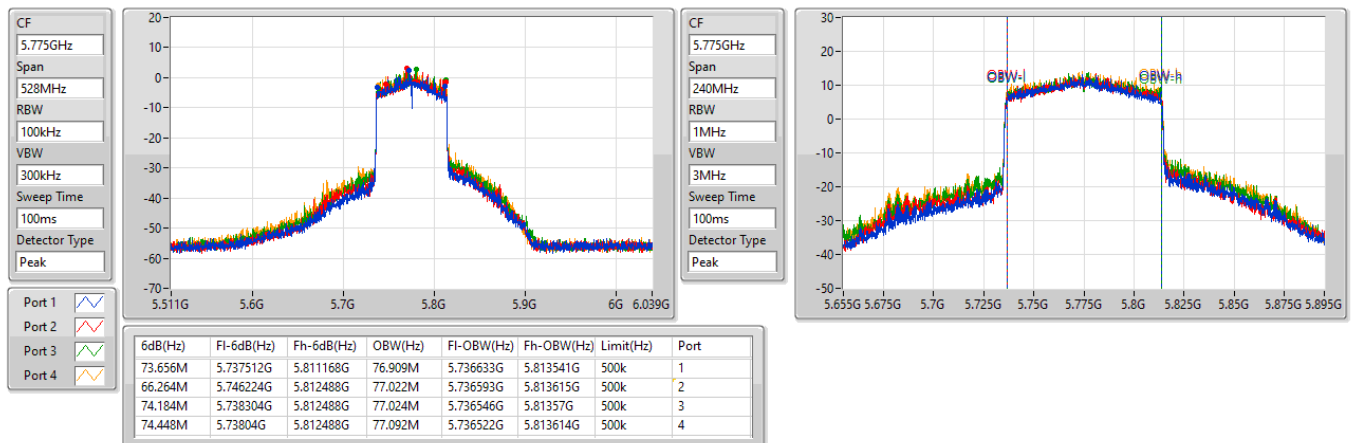
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

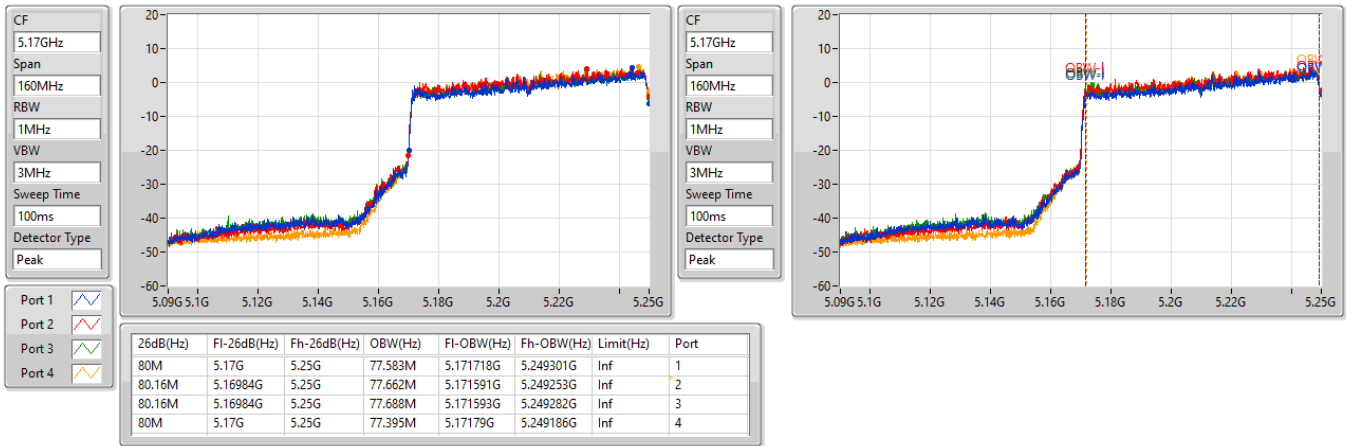
5775MHz



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

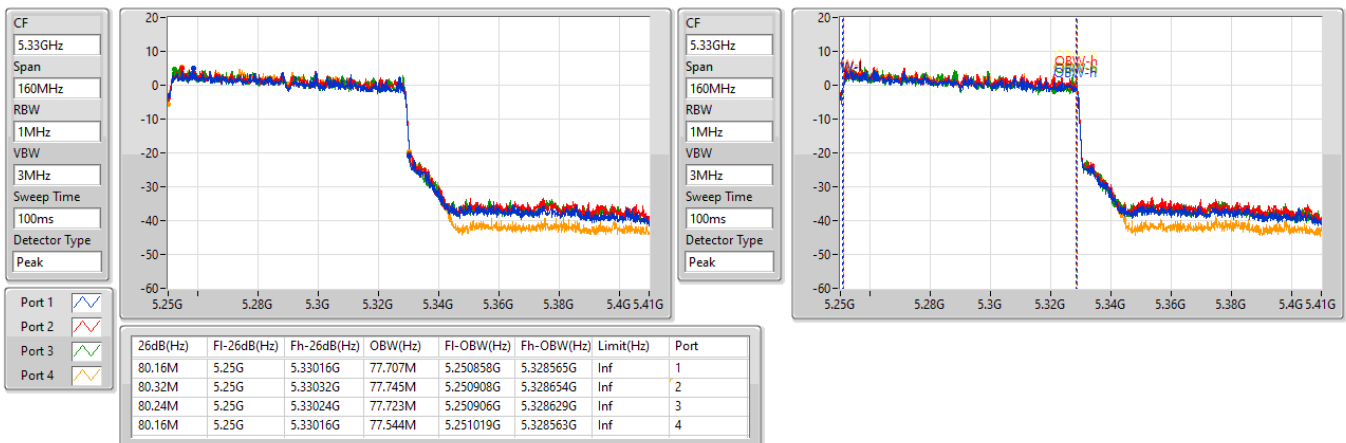
5250MHz Straddle 5.15-5.25GHz



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

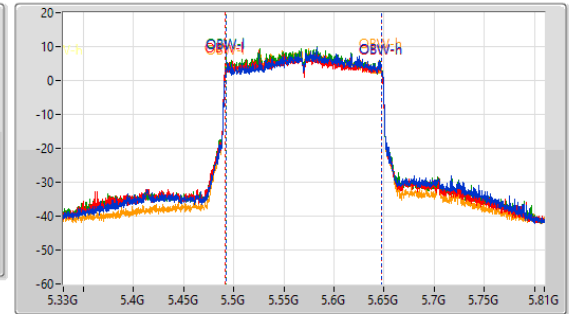
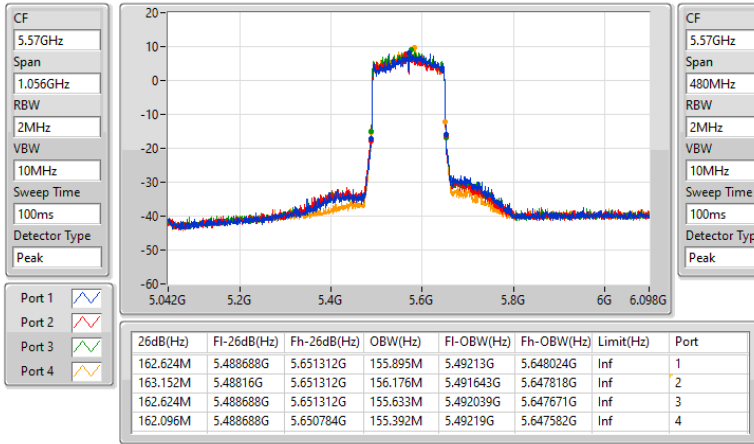




5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz



Non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	27.14	0.51761	32.12	1.62930
802.11be EHT20_Nss1,(MCS0)_4TX	27.37	0.54576	32.35	1.71791
802.11be EHT40_Nss1,(MCS0)_4TX	26.48	0.44463	31.46	1.39959
802.11be EHT80_Nss1,(MCS0)_4TX	20.16	0.10375	25.14	0.32659
802.11be EHT160_Nss1,(MCS0)_4TX	15.73	0.03741	20.71	0.11776
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.65	0.23174	28.41	0.69343
802.11be EHT20_Nss1,(MCS0)_4TX	23.65	0.23174	28.41	0.69343
802.11be EHT40_Nss1,(MCS0)_4TX	23.53	0.22542	28.29	0.67453
802.11be EHT80_Nss1,(MCS0)_4TX	19.74	0.09419	24.50	0.28184
802.11be EHT160_Nss1,(MCS0)_4TX	16.91	0.04909	21.67	0.14689
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.52	0.22491	27.61	0.57677
802.11be EHT20_Nss1,(MCS0)_4TX	23.42	0.21979	27.51	0.56364
802.11be EHT40_Nss1,(MCS0)_4TX	23.90	0.24547	27.99	0.62951
802.11be EHT80_Nss1,(MCS0)_4TX	23.81	0.24044	27.90	0.61660
802.11be EHT160_Nss1,(MCS0)_4TX	19.54	0.08995	23.63	0.23067
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.46	0.44259	31.02	1.26474
802.11be EHT20_Nss1,(MCS0)_4TX	27.29	0.53580	31.85	1.53109
802.11be EHT40_Nss1,(MCS0)_4TX	27.43	0.55335	31.99	1.58125
802.11be EHT80_Nss1,(MCS0)_4TX	24.77	0.29992	29.33	0.85704

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.98	18.12	17.66	17.21	17.72	23.71	30.00	28.69	36.00
5200MHz	Pass	4.98	19.44	19.06	18.58	19.51	25.18	30.00	30.16	36.00
5240MHz	Pass	4.98	21.74	21.12	20.79	20.75	27.14	30.00	32.12	36.00
5260MHz	Pass	4.76	17.26	17.19	17.18	18.57	23.61	23.74	28.37	29.74
5300MHz	Pass	4.76	17.41	17.54	17.56	17.63	23.56	23.70	28.32	29.70
5320MHz	Pass	4.76	17.72	17.85	17.47	17.48	23.65	24.00	28.41	30.00
5500MHz	Pass	4.09	17.2	17.28	16.41	17.97	23.27	23.67	27.36	29.67
5580MHz	Pass	4.09	17.66	17.01	16.79	17.75	23.34	23.60	27.43	29.60
5700MHz	Pass	4.09	17.45	16.79	16.92	18.61	23.52	24.00	27.61	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.09	16.19	15.34	15.4	16.97	22.05	22.52	26.14	28.52
5720MHz Straddle 5.725-5.85GHz	Pass	4.56	9.29	7.93	9.33	9.71	15.14	30.00	19.70	36.00
5745MHz	Pass	4.56	20.22	19.92	20.55	20.99	26.46	30.00	31.02	36.00
5785MHz	Pass	4.56	19.41	19.65	20.11	20.54	25.97	30.00	30.53	36.00
5825MHz	Pass	4.56	18.61	18.34	18.66	19.28	24.76	30.00	29.32	36.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.98	17.92	17.65	17.11	17.84	23.66	30.00	28.64	36.00
5200MHz	Pass	4.98	19.09	18.82	18.84	19.65	25.13	30.00	30.11	36.00
5240MHz	Pass	4.98	21.74	21.32	21.27	21.05	27.37	30.00	32.35	36.00
5260MHz	Pass	4.76	17.22	17.25	17.15	18.33	23.54	23.97	28.30	29.97
5300MHz	Pass	4.76	17.52	17.53	17.43	17.64	23.55	23.97	28.31	29.97
5320MHz	Pass	4.76	17.65	18.12	17.55	17.15	23.65	23.98	28.41	29.98
5500MHz	Pass	4.09	17.23	17.36	16.82	17.74	23.32	23.98	27.41	29.98
5580MHz	Pass	4.09	17.48	17.16	16.93	17.95	23.42	23.95	27.51	29.95
5700MHz	Pass	4.09	16.64	16.28	16.36	18.15	22.95	23.97	27.04	29.97
5720MHz Straddle 5.47-5.725GHz	Pass	4.09	16.4	15.57	16.12	17.22	22.39	22.72	26.48	28.72
5720MHz Straddle 5.725-5.85GHz	Pass	4.56	11.05	10.03	10.6	11.45	16.83	30.00	21.39	36.00
5745MHz	Pass	4.56	21.11	20.85	21.22	21.85	27.29	30.00	31.85	36.00
5785MHz	Pass	4.56	20.65	20.74	20.82	21.26	26.89	30.00	31.45	36.00
5825MHz	Pass	4.56	19.44	19.02	19.48	20.31	25.61	30.00	30.17	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.98	16.33	16.09	15.51	16.73	22.21	30.00	27.19	36.00
5230MHz	Pass	4.98	20.85	20.41	20.12	20.43	26.48	30.00	31.46	36.00
5270MHz	Pass	4.76	17.22	17.34	17.26	18.16	23.53	24.00	28.29	30.00
5310MHz	Pass	4.76	16.42	17.16	16.84	16.85	22.85	24.00	27.61	30.00
5510MHz	Pass	4.09	17.77	17.97	17.43	17.83	23.78	24.00	27.87	30.00

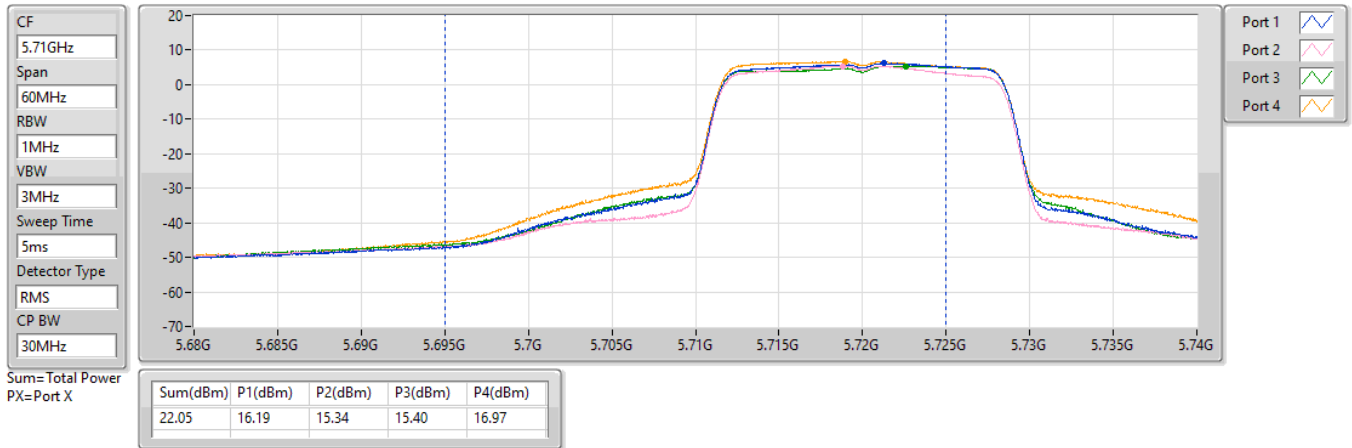
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5590MHz	Pass	4.09	17.76	17.23	17.25	18.12	23.63	24.00	27.72	30.00
5670MHz	Pass	4.09	17.03	16.92	16.65	18.35	23.31	24.00	27.40	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.09	17.91	17.05	17.45	18.88	23.90	24.00	27.99	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.56	6.97	6.02	6.51	7.73	12.87	30.00	17.43	36.00
5755MHz	Pass	4.56	20.04	19.62	20.66	20.95	26.37	30.00	30.93	36.00
5795MHz	Pass	4.56	20.65	21.57	21.31	22.01	27.43	30.00	31.99	36.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.98	14.28	13.85	13.82	14.58	20.16	30.00	25.14	36.00
5290MHz	Pass	4.76	13.72	13.65	13.73	13.79	19.74	24.00	24.50	30.00
5530MHz	Pass	4.09	15.86	15.75	15.25	16.42	21.86	24.00	25.95	30.00
5610MHz	Pass	4.09	17.82	17.7	17.12	17.65	23.60	24.00	27.69	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.09	17.61	17.15	17.31	18.88	23.81	24.00	27.90	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.56	3.71	2.78	3.37	4.09	9.53	30.00	14.09	36.00
5775MHz	Pass	4.56	18.43	18.14	18.86	19.46	24.77	30.00	29.33	36.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.98	9.05	10.05	9.49	10.15	15.73	30.00	20.71	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.76	10.54	11.11	10.76	11.11	16.91	24.00	21.67	30.00
5570MHz	Pass	4.09	13.41	12.82	14.03	13.73	19.54	24.00	23.63	30.00

DG = Directional Gain; Port X = Port X output power
Directional Gain refers to antenna report.

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

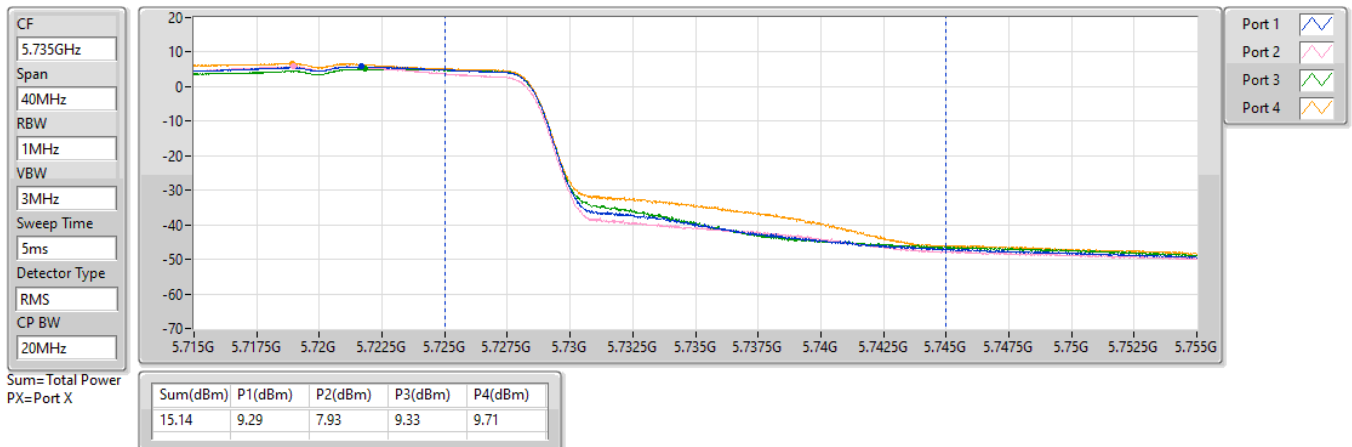
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

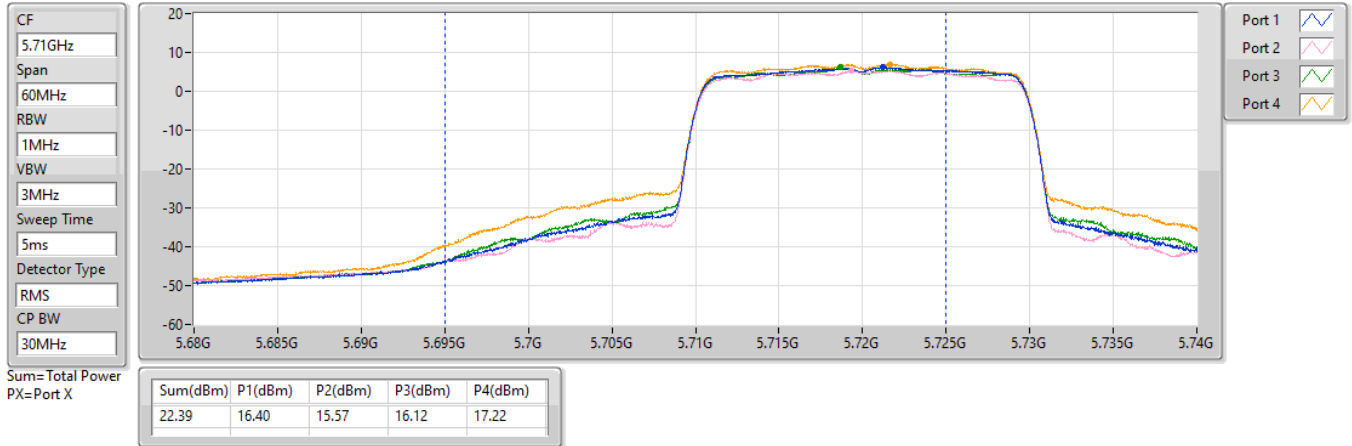
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

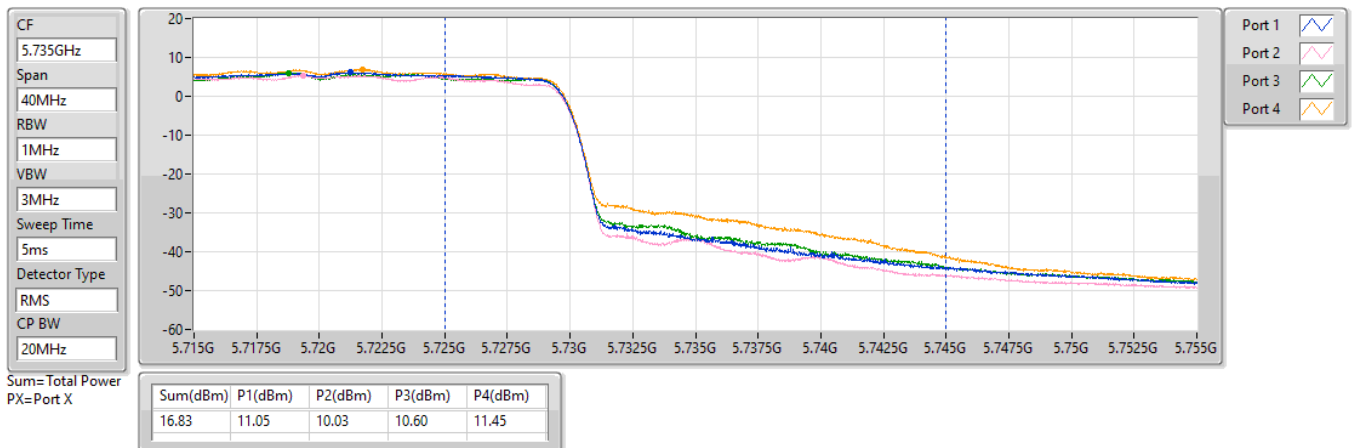
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

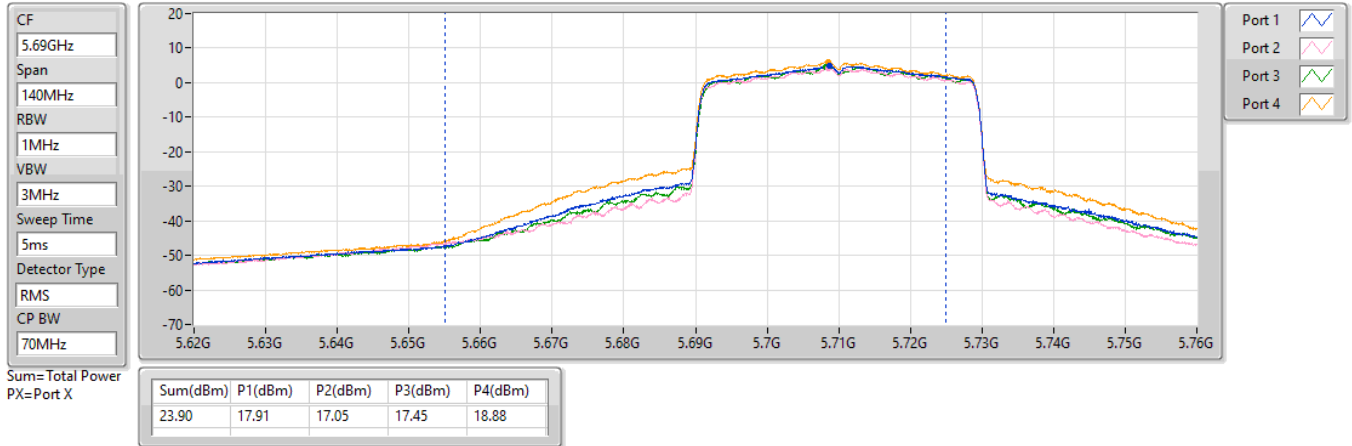
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

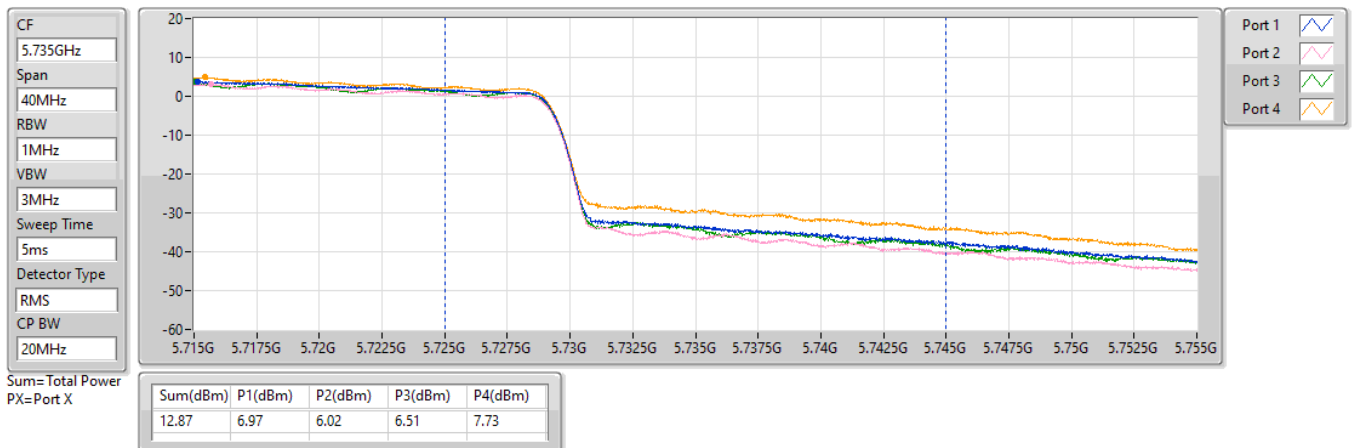
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

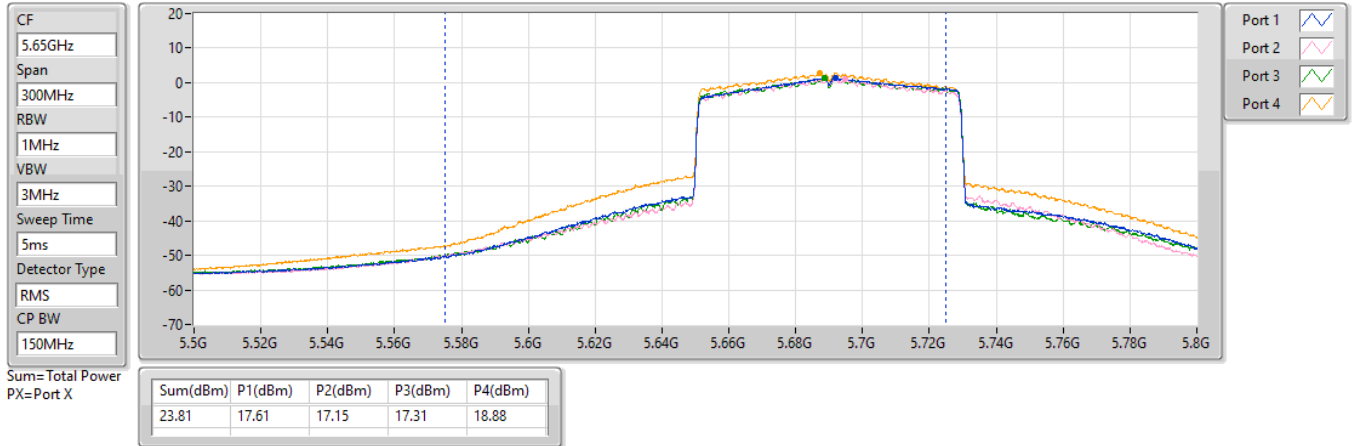




5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

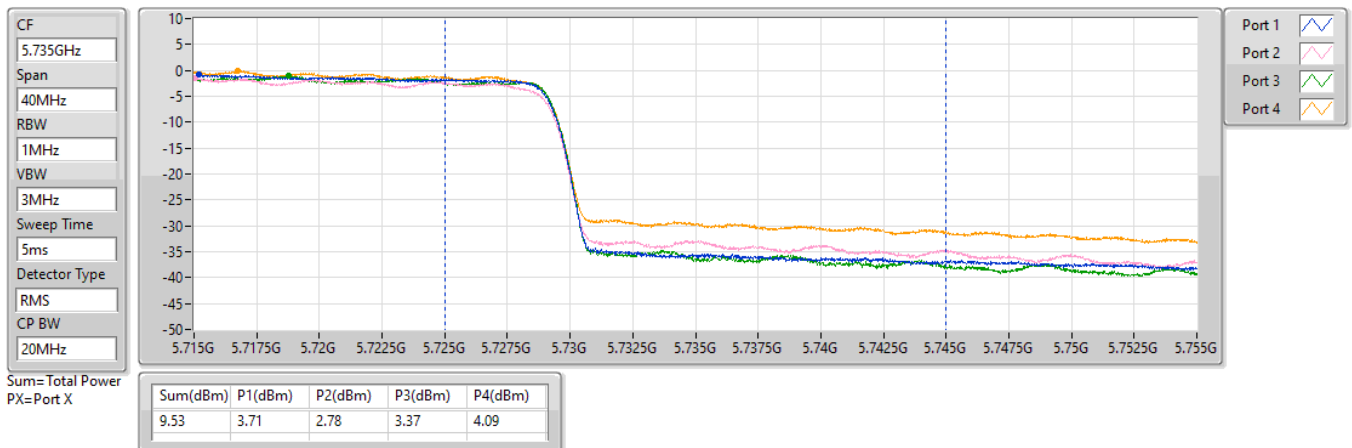
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

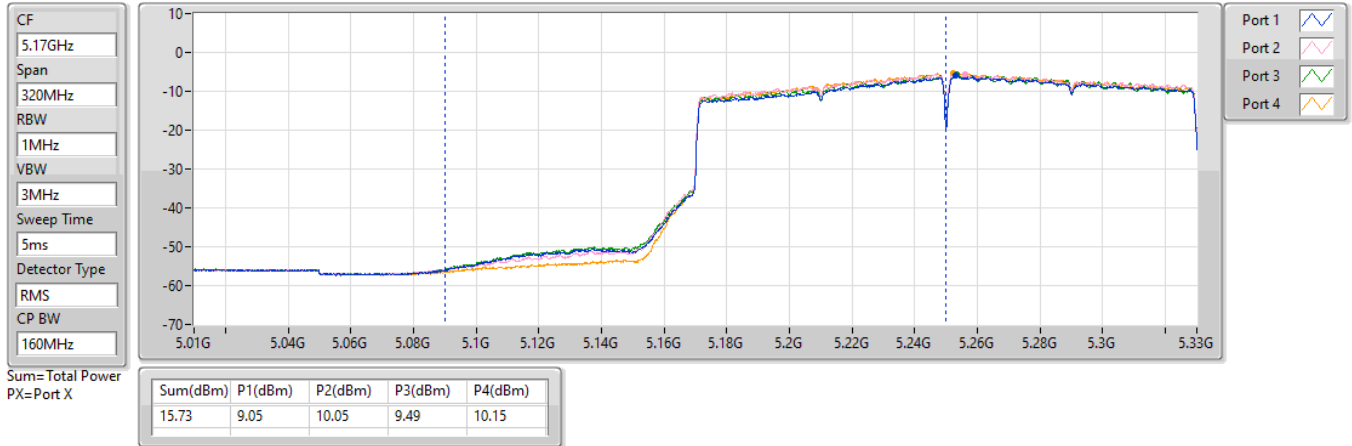
5690MHz Straddle 5.725-5.85GHz_TX



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

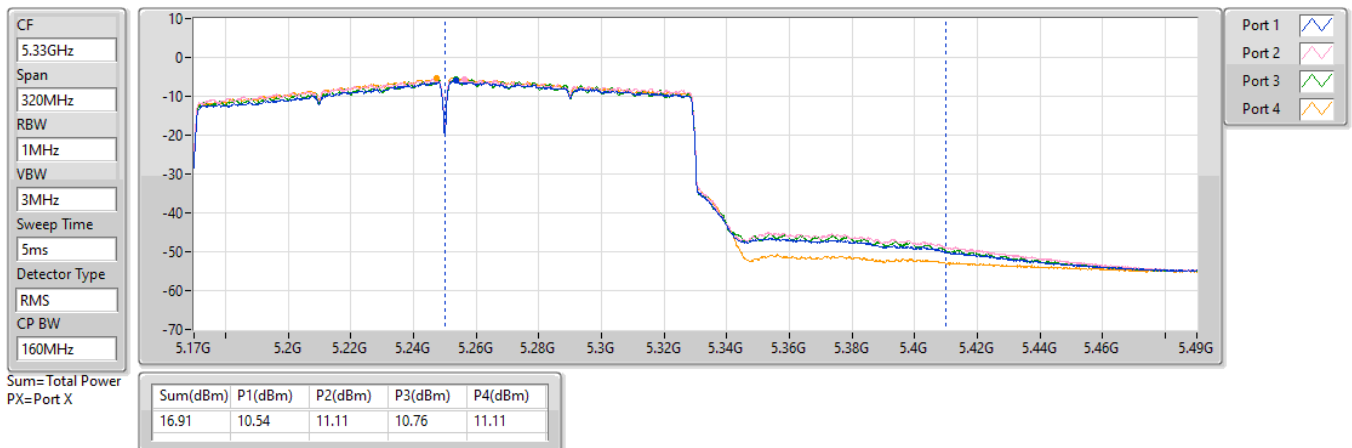
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX



Beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	27.11	0.51404	32.35	1.71791
802.11be EHT40-BF_Nss1,(MCS0)_4TX	26.22	0.41879	31.46	1.39959
802.11be EHT80-BF_Nss1,(MCS0)_4TX	19.90	0.09772	25.14	0.32659
802.11be EHT160-BF_Nss1,(MCS0)_4TX	15.01	0.03170	20.25	0.10593
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.93	0.19634	28.41	0.69343
802.11be EHT40-BF_Nss1,(MCS0)_4TX	22.81	0.19099	28.29	0.67453
802.11be EHT80-BF_Nss1,(MCS0)_4TX	19.02	0.07980	24.50	0.28184
802.11be EHT160-BF_Nss1,(MCS0)_4TX	16.19	0.04159	21.67	0.14689
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	22.23	0.16711	27.51	0.56364
802.11be EHT40-BF_Nss1,(MCS0)_4TX	22.59	0.18155	27.87	0.61235
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.41	0.17418	27.69	0.58749
802.11be EHT160-BF_Nss1,(MCS0)_4TX	18.35	0.06839	23.63	0.23067
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	25.89	0.38815	31.85	1.53109
802.11be EHT40-BF_Nss1,(MCS0)_4TX	26.03	0.40087	31.99	1.58125
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.37	0.21727	29.33	0.85704

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)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.24	17.66	17.39	16.85	17.58	23.40	30.00	28.64	36.00
5200MHz	Pass	5.24	18.83	18.56	18.58	19.39	24.87	30.00	30.11	36.00
5240MHz	Pass	5.24	21.48	21.06	21.01	20.79	27.11	30.00	32.35	36.00
5260MHz	Pass	5.48	16.5	16.53	16.43	17.61	22.82	23.97	28.30	29.97
5300MHz	Pass	5.48	16.8	16.81	16.71	16.92	22.83	23.97	28.31	29.97
5320MHz	Pass	5.48	16.93	17.4	16.83	16.43	22.93	23.98	28.41	29.98
5500MHz	Pass	5.28	16.04	16.17	15.63	16.55	22.13	23.98	27.41	29.98
5580MHz	Pass	5.28	16.29	15.97	15.74	16.76	22.23	23.95	27.51	29.95
5700MHz	Pass	5.28	15.45	15.09	15.17	16.96	21.76	23.97	27.04	29.97
5720MHz Straddle 5.47-5.725GHz	Pass	5.28	15	14.17	14.72	15.82	20.99	22.72	26.27	28.72
5720MHz Straddle 5.725-5.85GHz	Pass	5.96	9.65	8.63	9.2	10.05	15.43	30.00	21.39	36.00
5745MHz	Pass	5.96	19.71	19.45	19.82	20.45	25.89	30.00	31.85	36.00
5785MHz	Pass	5.96	19.25	19.34	19.42	19.86	25.49	30.00	31.45	36.00
5825MHz	Pass	5.96	18.04	17.62	18.08	18.91	24.21	30.00	30.17	36.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.24	16.07	15.83	15.25	16.47	21.95	30.00	27.19	36.00
5230MHz	Pass	5.24	20.59	20.15	19.86	20.17	26.22	30.00	31.46	36.00
5270MHz	Pass	5.48	16.5	16.62	16.54	17.44	22.81	24.00	28.29	30.00
5310MHz	Pass	5.48	15.7	16.44	16.12	16.13	22.13	24.00	27.61	30.00
5510MHz	Pass	5.28	16.58	16.78	16.24	16.64	22.59	24.00	27.87	30.00
5590MHz	Pass	5.28	16.57	16.04	16.06	16.93	22.44	24.00	27.72	30.00
5670MHz	Pass	5.28	15.84	15.73	15.46	17.16	22.12	24.00	27.40	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.28	16.51	15.65	16.05	17.48	22.50	24.00	27.78	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.96	5.57	4.62	5.11	6.33	11.47	30.00	17.43	36.00
5755MHz	Pass	5.96	18.64	18.22	19.26	19.55	24.97	30.00	30.93	36.00
5795MHz	Pass	5.96	19.25	20.17	19.91	20.61	26.03	30.00	31.99	36.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.24	14.02	13.59	13.56	14.32	19.90	30.00	25.14	36.00
5290MHz	Pass	5.48	13	12.93	13.01	13.07	19.02	24.00	24.50	30.00
5530MHz	Pass	5.28	14.67	14.56	14.06	15.23	20.67	24.00	25.95	30.00
5610MHz	Pass	5.28	16.63	16.51	15.93	16.46	22.41	24.00	27.69	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.28	16.21	15.75	15.91	17.48	22.41	24.00	27.69	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.96	2.31	1.38	1.97	2.69	8.13	30.00	14.09	36.00

**Conducted Output Power(Average)****Appendix B**

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)
5775MHz	Pass	5.96	17.03	16.74	17.46	18.06	23.37	30.00	29.33	36.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.24	8.33	9.33	8.77	9.43	15.01	30.00	20.25	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.48	9.82	10.39	10.04	10.39	16.19	24.00	21.67	30.00
5570MHz	Pass	5.28	12.22	11.63	12.84	12.54	18.35	24.00	23.63	30.00

DG = Directional Gain; Port X = Port X output power
Directional Gain refers to antenna report.

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.34	19.58
802.11be EHT20_Nss1,(MCS0)_4TX	14.44	19.68
802.11be EHT40_Nss1,(MCS0)_4TX	11.65	16.89
802.11be EHT80_Nss1,(MCS0)_4TX	2.48	7.72
802.11be EHT160_Nss1,(MCS0)_4TX	-1.56	3.68
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.84	16.32
802.11be EHT20_Nss1,(MCS0)_4TX	10.87	16.35
802.11be EHT40_Nss1,(MCS0)_4TX	8.72	14.20
802.11be EHT80_Nss1,(MCS0)_4TX	2.20	7.68
802.11be EHT160_Nss1,(MCS0)_4TX	-1.25	4.23
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.88	16.16
802.11be EHT20_Nss1,(MCS0)_4TX	10.87	16.15
802.11be EHT40_Nss1,(MCS0)_4TX	9.42	14.70
802.11be EHT80_Nss1,(MCS0)_4TX	6.01	11.29
802.11be EHT160_Nss1,(MCS0)_4TX	-0.46	4.82
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.84	18.80
802.11be EHT20_Nss1,(MCS0)_4TX	13.35	19.31
802.11be EHT40_Nss1,(MCS0)_4TX	10.91	16.87
802.11be EHT80_Nss1,(MCS0)_4TX	5.39	11.35

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX										
5180MHz	Pass	5.24	5.74	5.42	4.38	6.18	11.35	17.00	16.59	23.00
5200MHz	Pass	5.24	7.34	6.73	6.73	7.17	12.82	17.00	18.06	23.00
5240MHz	Pass	5.24	9.03	8.08	8.19	8.81	14.34	17.00	19.58	23.00
5260MHz	Pass	5.48	4.72	4.43	4.11	6.17	10.76	11.00	16.24	17.00
5300MHz	Pass	5.48	4.86	4.96	4.94	5.29	10.84	11.00	16.32	17.00
5320MHz	Pass	5.48	4.78	5.23	4.86	4.80	10.80	11.00	16.28	17.00
5500MHz	Pass	5.28	4.85	4.87	4.11	5.26	10.62	11.00	15.90	17.00
5580MHz	Pass	5.28	4.95	4.85	4.24	5.21	10.70	11.00	15.98	17.00
5700MHz	Pass	5.28	5.34	4.58	4.39	6.43	10.88	11.00	16.16	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.28	4.83	4.34	4.41	5.42	10.65	11.00	15.93	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.96	2.39	0.34	2.30	2.17	7.78	30.00	13.74	36.00
5745MHz	Pass	5.96	7.13	6.50	6.99	7.67	12.84	30.00	18.80	36.00
5785MHz	Pass	5.96	5.44	5.89	6.22	6.69	11.92	30.00	17.88	36.00
5825MHz	Pass	5.96	4.85	4.50	4.98	6.14	11.00	30.00	16.96	36.00
802.11be EHT20_Nss1,(MCS0)_4TX										
5180MHz	Pass	5.24	5.11	4.94	4.80	5.42	10.86	17.00	16.10	23.00
5200MHz	Pass	5.24	6.68	6.27	6.18	7.07	12.26	17.00	17.50	23.00
5240MHz	Pass	5.24	9.07	8.56	8.33	8.56	14.44	17.00	19.68	23.00
5260MHz	Pass	5.48	4.81	4.47	4.59	5.90	10.69	11.00	16.17	17.00
5300MHz	Pass	5.48	4.86	5.22	4.94	5.31	10.77	11.00	16.25	17.00
5320MHz	Pass	5.48	4.77	5.51	5.46	4.85	10.87	11.00	16.35	17.00
5500MHz	Pass	5.28	4.62	4.99	4.12	5.17	10.59	11.00	15.87	17.00
5580MHz	Pass	5.28	4.91	4.60	4.70	5.60	10.82	11.00	16.10	17.00
5700MHz	Pass	5.28	3.98	3.97	3.83	5.66	10.08	11.00	15.36	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.28	4.95	4.17	4.72	5.97	10.87	11.00	16.15	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.96	2.43	2.16	1.72	2.93	8.18	30.00	14.14	36.00
5745MHz	Pass	5.96	7.26	7.49	7.24	8.55	13.35	30.00	19.31	36.00
5785MHz	Pass	5.96	6.28	7.11	7.01	7.81	12.90	30.00	18.86	36.00
5825MHz	Pass	5.96	5.52	5.15	6.13	6.61	11.64	30.00	17.60	36.00
802.11be EHT40_Nss1,(MCS0)_4TX										
5190MHz	Pass	5.24	1.68	1.59	1.12	2.46	7.40	17.00	12.64	23.00
5230MHz	Pass	5.24	6.05	5.90	5.39	5.75	11.65	17.00	16.89	23.00
5270MHz	Pass	5.48	2.74	2.66	2.57	3.95	8.72	11.00	14.20	17.00
5310MHz	Pass	5.48	2.21	2.64	2.62	2.04	8.12	11.00	13.60	17.00
5510MHz	Pass	5.28	2.78	3.02	2.35	3.19	8.62	11.00	13.90	17.00
5590MHz	Pass	5.28	3.09	2.90	2.93	3.34	8.77	11.00	14.05	17.00
5670MHz	Pass	5.28	1.98	2.47	2.10	2.95	8.04	11.00	13.32	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5710MHz Straddle 5.47-5.725GHz	Pass	5.28	3.19	2.77	3.00	4.67	9.42	11.00	14.70	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.96	-1.33	-2.12	-1.44	-0.22	4.54	30.00	10.50	36.00
5755MHz	Pass	5.96	4.02	3.85	4.42	5.02	10.09	30.00	16.05	36.00
5795MHz	Pass	5.96	4.34	5.20	5.19	5.73	10.91	30.00	16.87	36.00
802.11be EHT80_Nss1,(MCS0)_4TX										
5210MHz	Pass	5.24	-3.15	-3.55	-3.40	-2.88	2.48	17.00	7.72	23.00
5290MHz	Pass	5.48	-3.53	-3.66	-3.84	-3.15	2.20	11.00	7.68	17.00
5530MHz	Pass	5.28	-1.57	-1.65	-1.94	-1.35	4.14	11.00	9.42	17.00
5610MHz	Pass	5.28	0.24	0.36	0.00	0.10	6.01	11.00	11.29	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.28	-0.21	-0.49	-0.20	1.40	5.99	11.00	11.27	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.96	-4.59	-4.99	-4.96	-4.06	1.20	30.00	7.16	36.00
5775MHz	Pass	5.96	-0.97	-0.36	-0.31	0.41	5.39	30.00	11.35	36.00
802.11be EHT160_Nss1,(MCS0)_4TX										
5250MHz Straddle 5.15-5.25GHz	Pass	5.24	-7.88	-7.03	-7.35	-6.97	-1.56	17.00	3.68	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.48	-7.47	-6.74	-6.97	-6.74	-1.25	11.00	4.23	17.00
5570MHz	Pass	5.28	-6.86	-7.09	-5.35	-6.11	-0.46	11.00	4.82	17.00

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

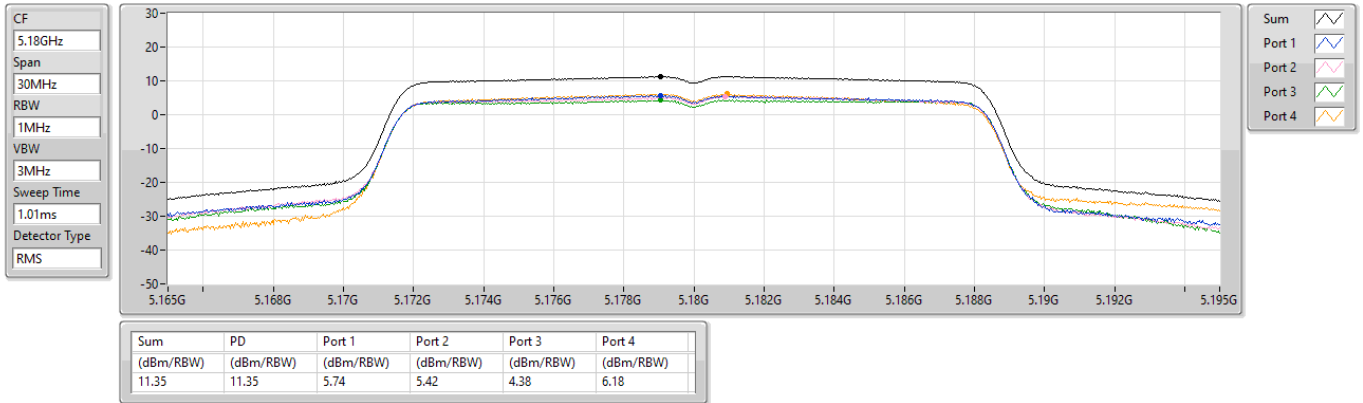
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Directional Gain refers to antenna report.

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

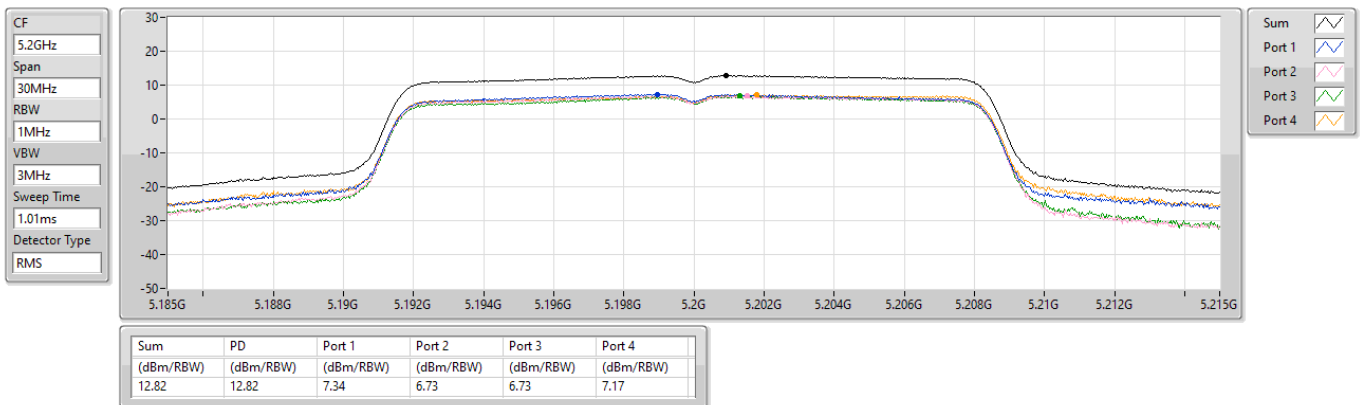
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

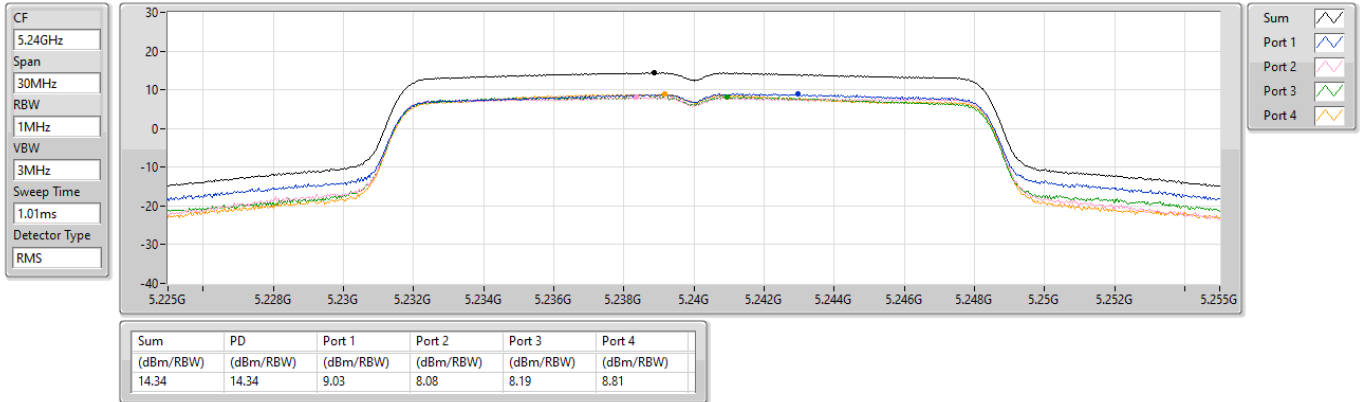
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

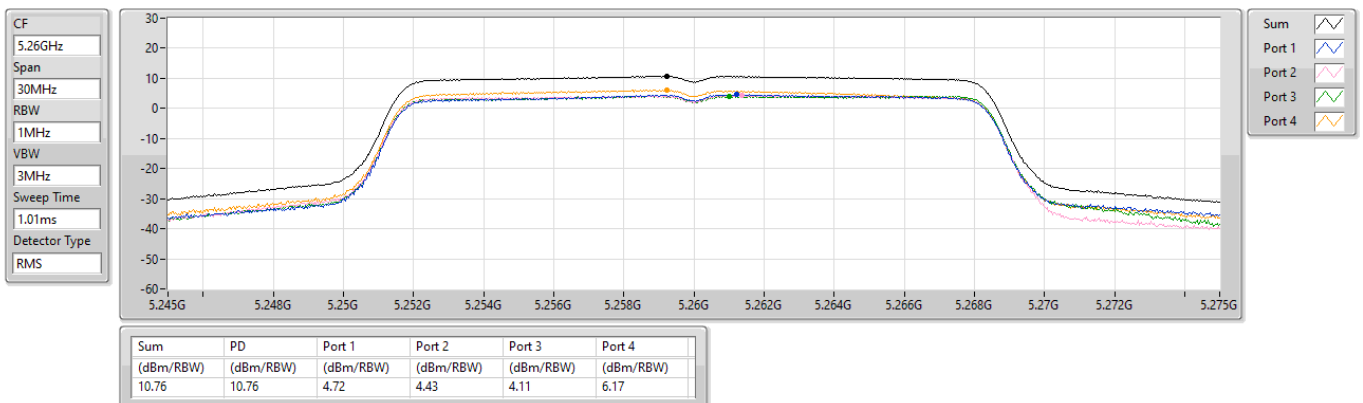
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

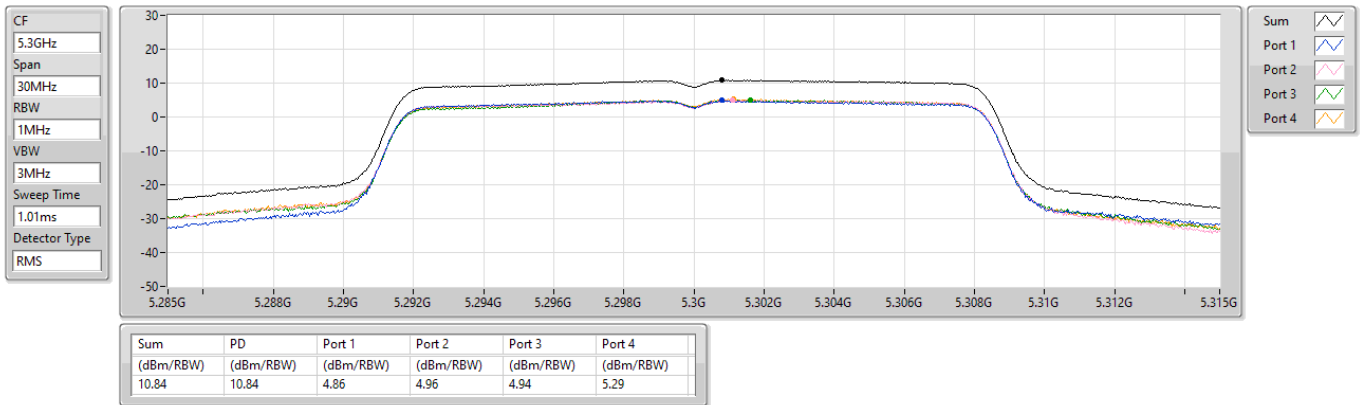
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

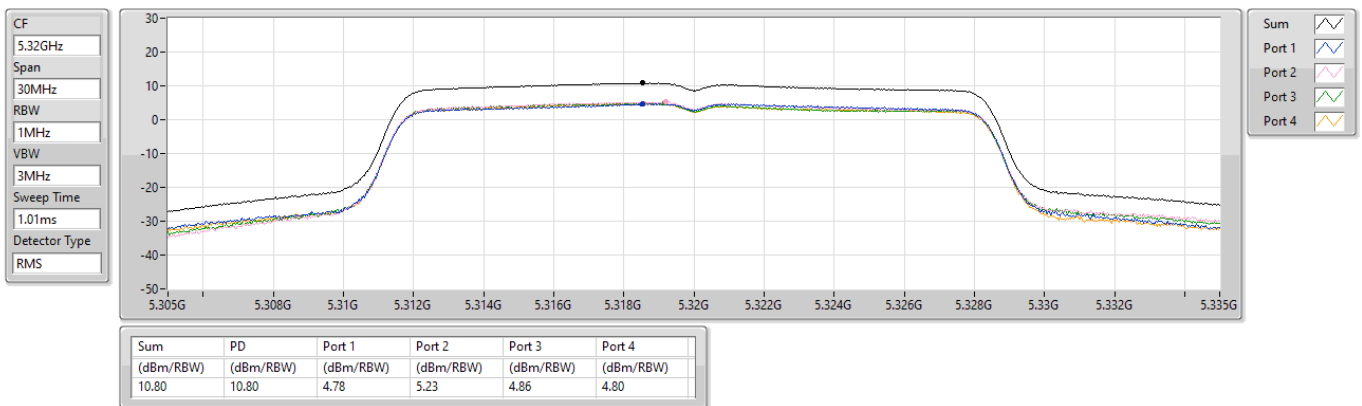
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

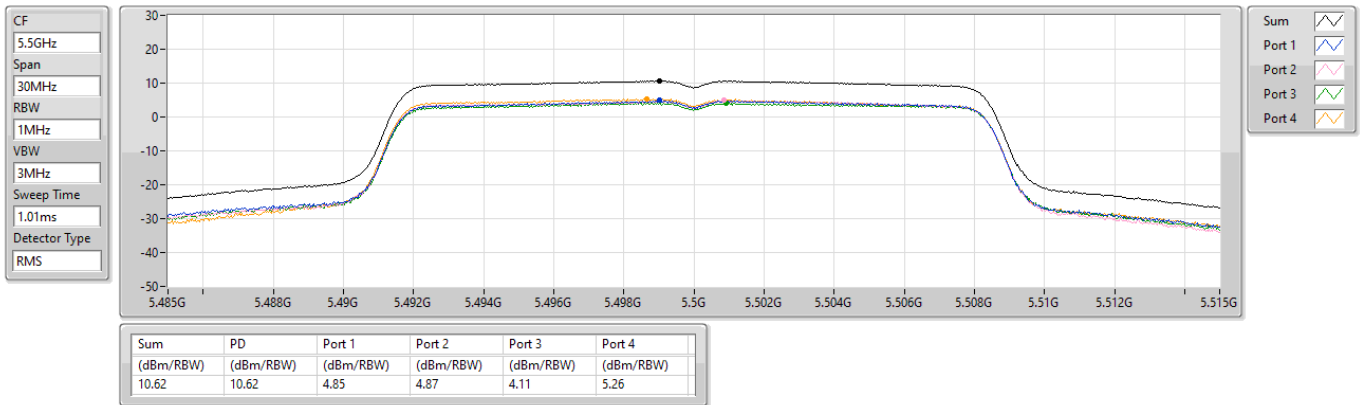
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

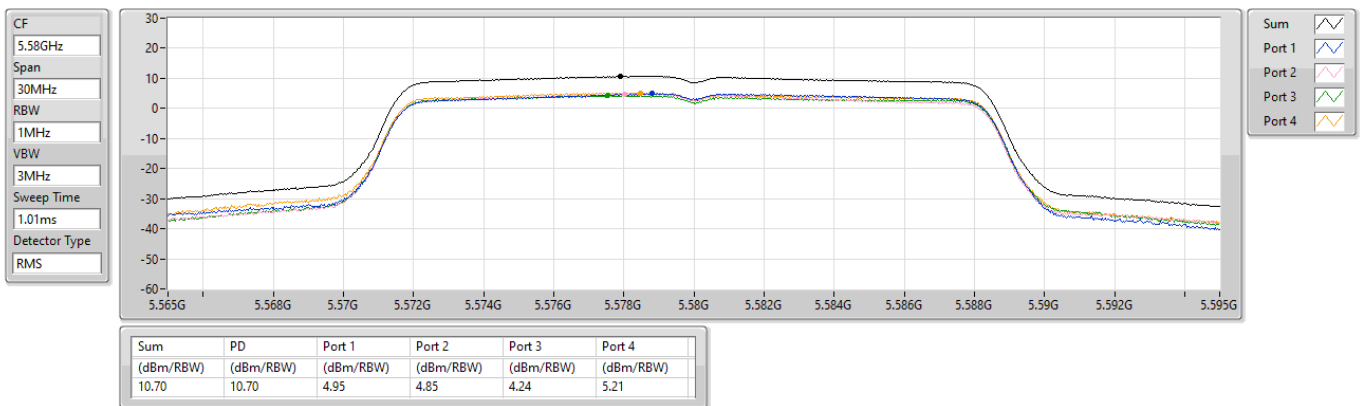
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

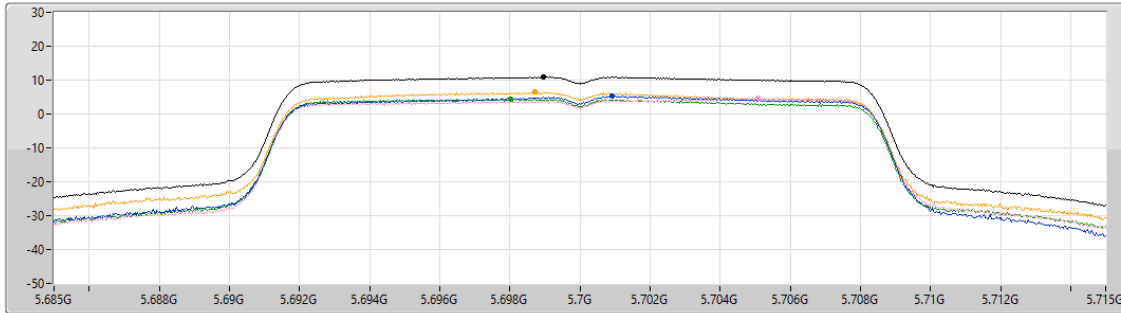


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

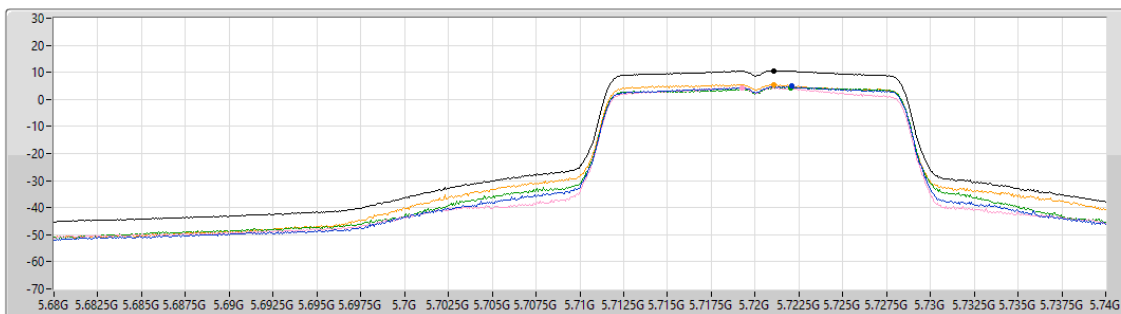
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	5.34	4.58	4.39	6.43

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



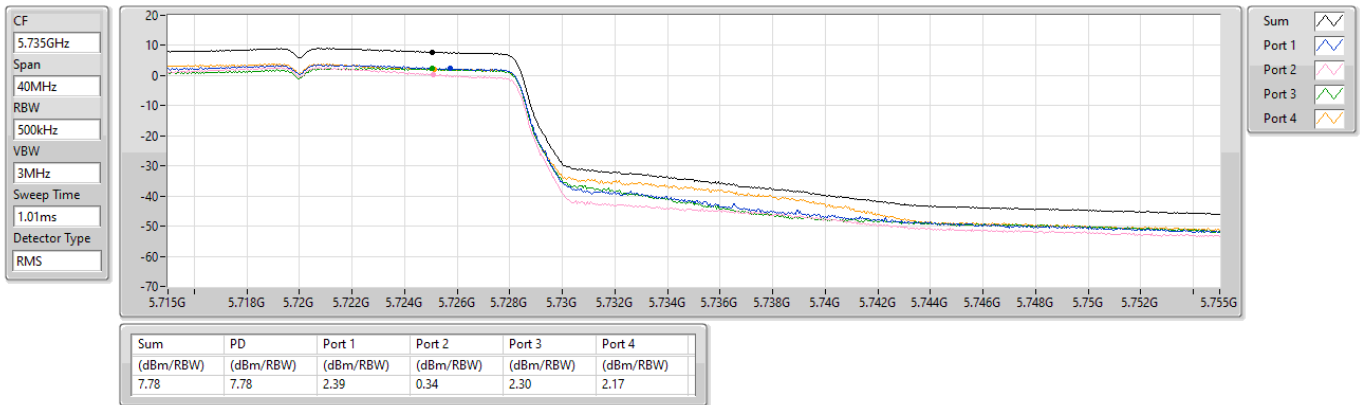
Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	4.83	4.34	4.41	5.42

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

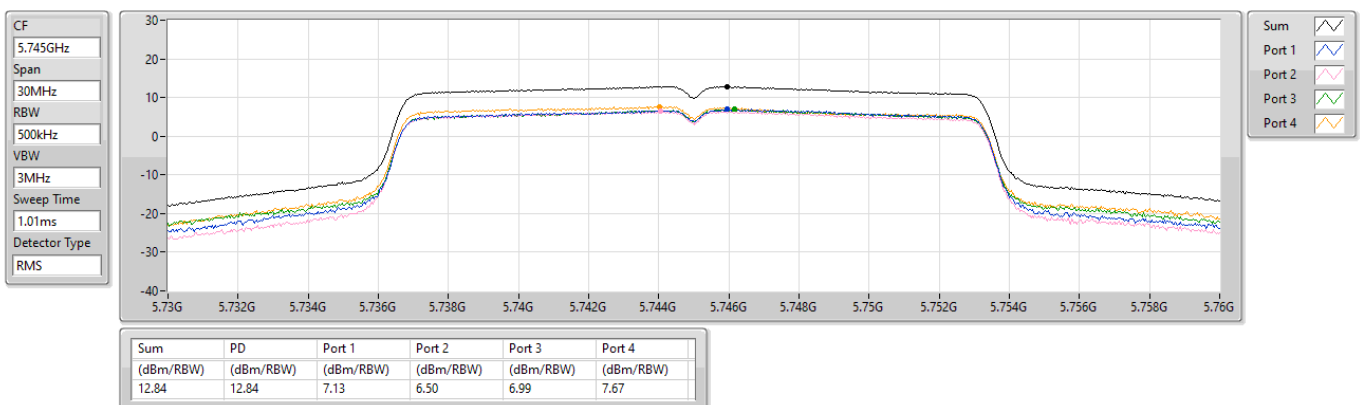
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

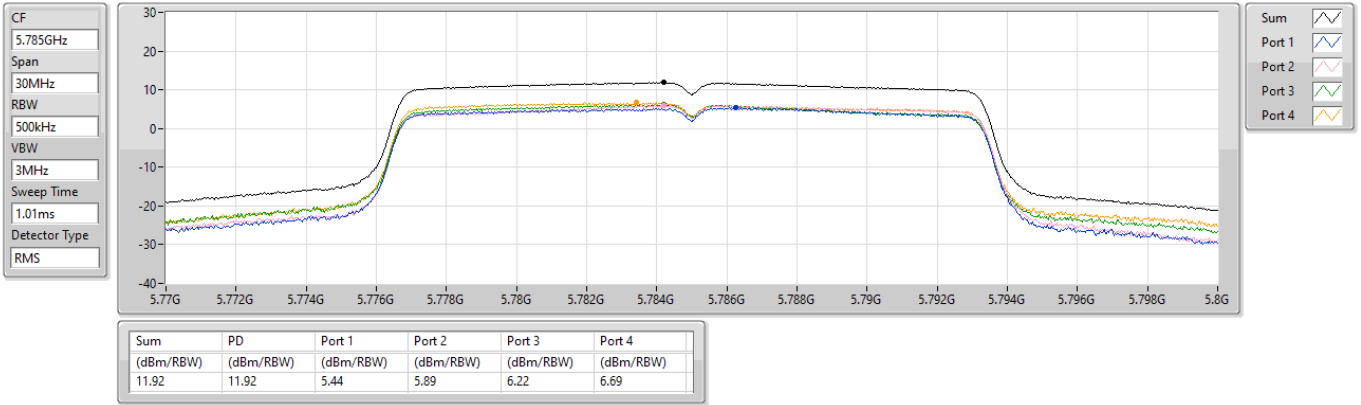
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

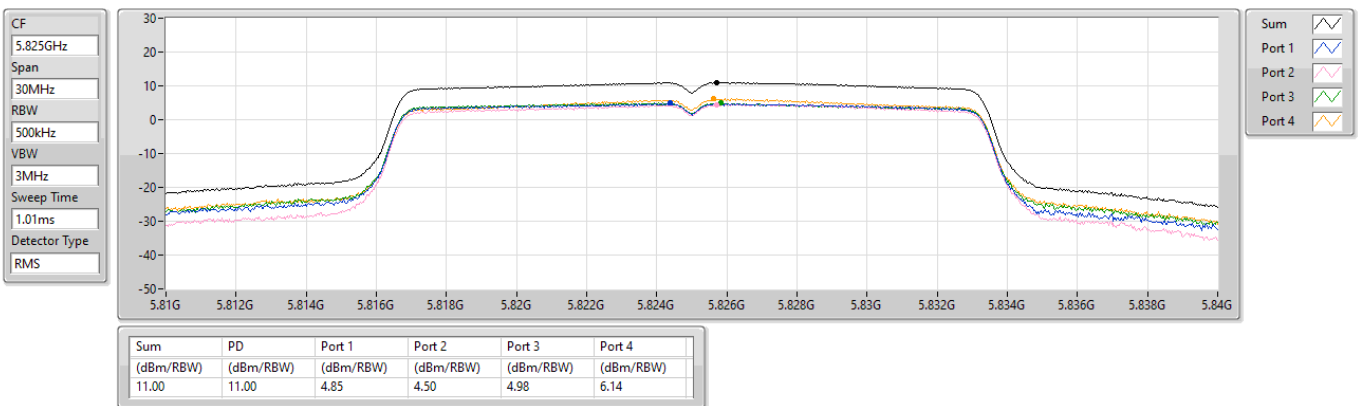
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

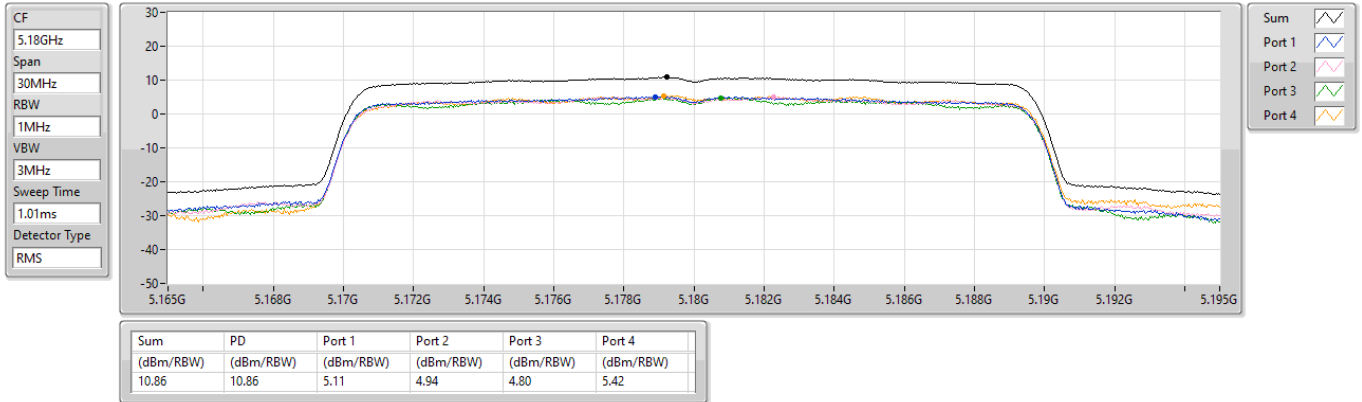
5825MHz



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

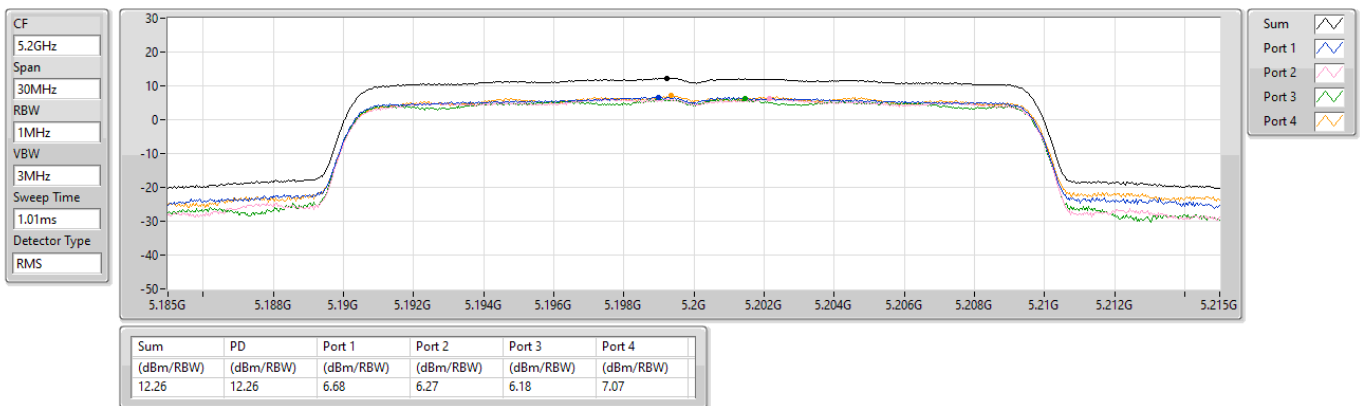
5180MHz



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

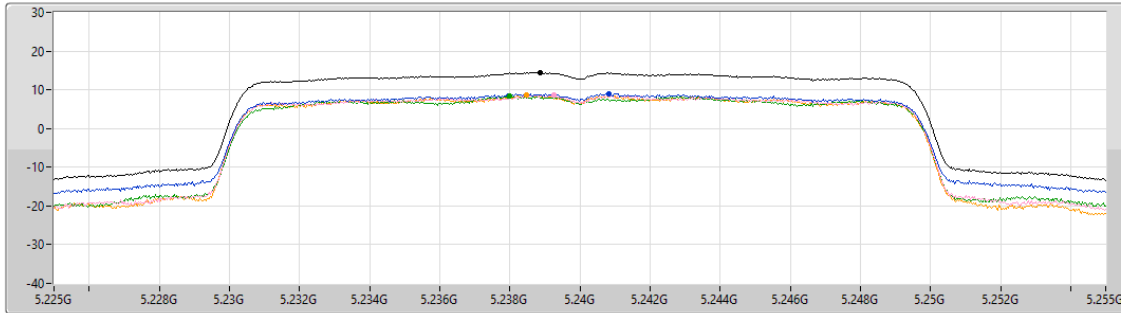


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



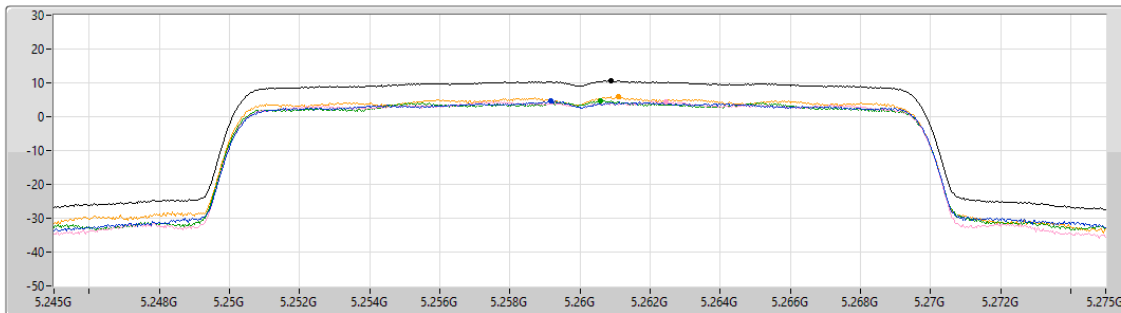
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.44	14.44	9.07	8.56	8.33	8.56

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



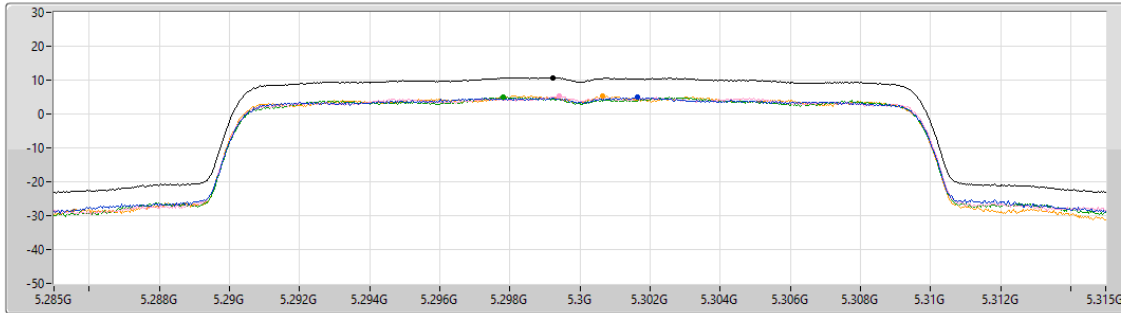
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	4.81	4.47	4.59	5.90

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



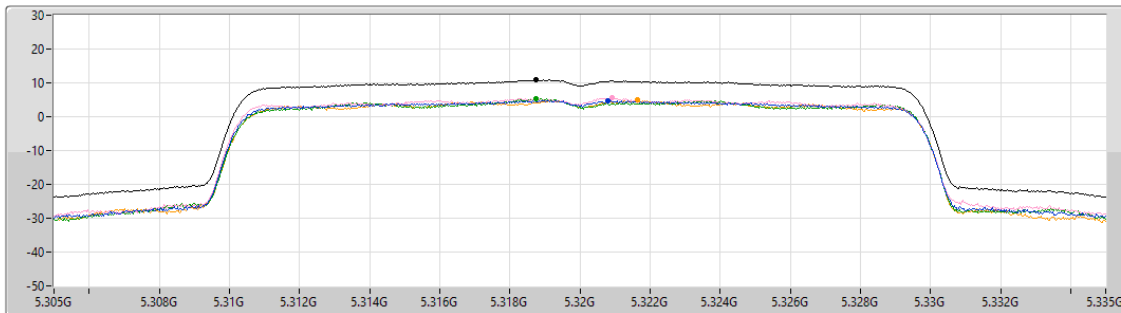
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	4.86	5.22	4.94	5.31

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



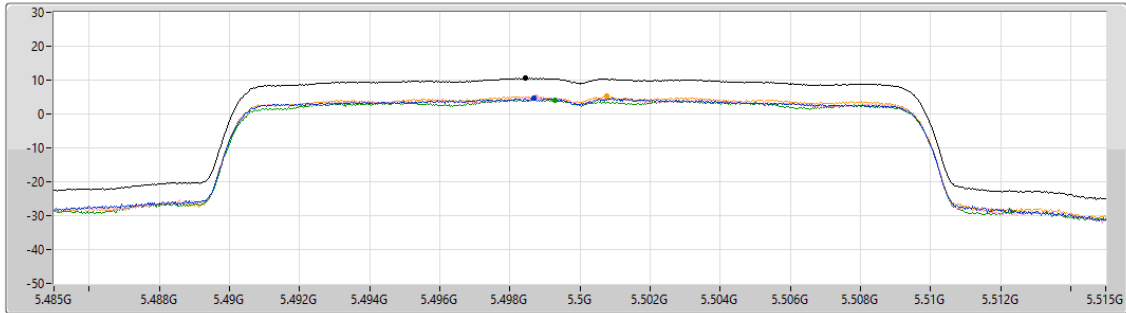
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	4.77	5.51	5.46	4.85

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



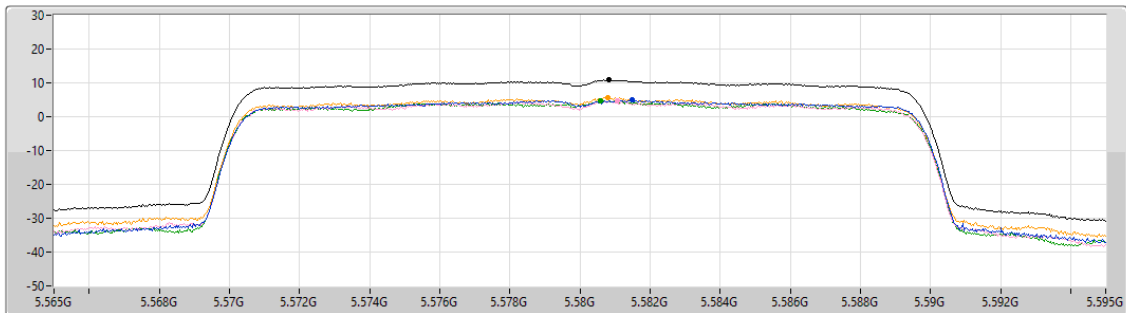
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	4.62	4.99	4.12	5.17

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS

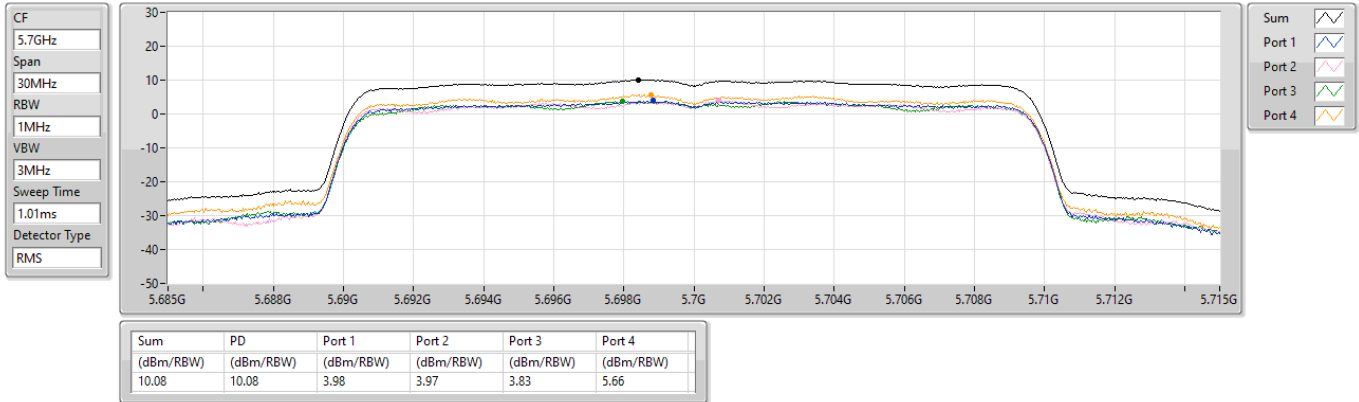


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	4.91	4.60	4.70	5.60

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

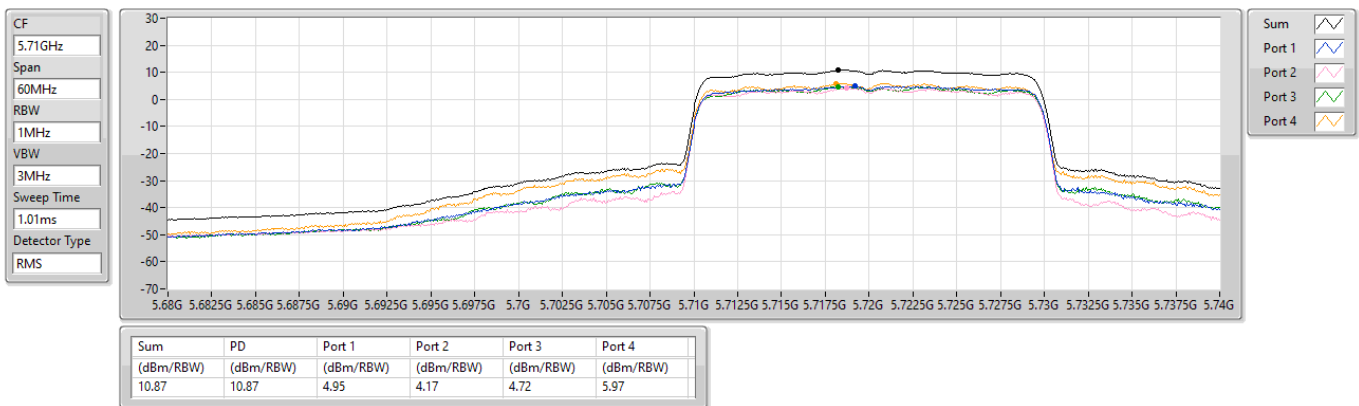
5700MHz



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

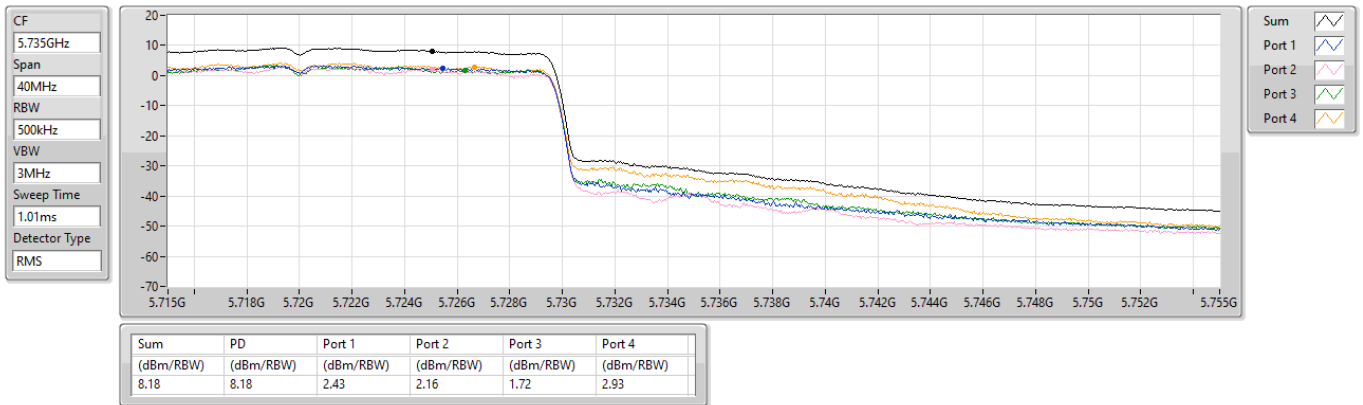
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

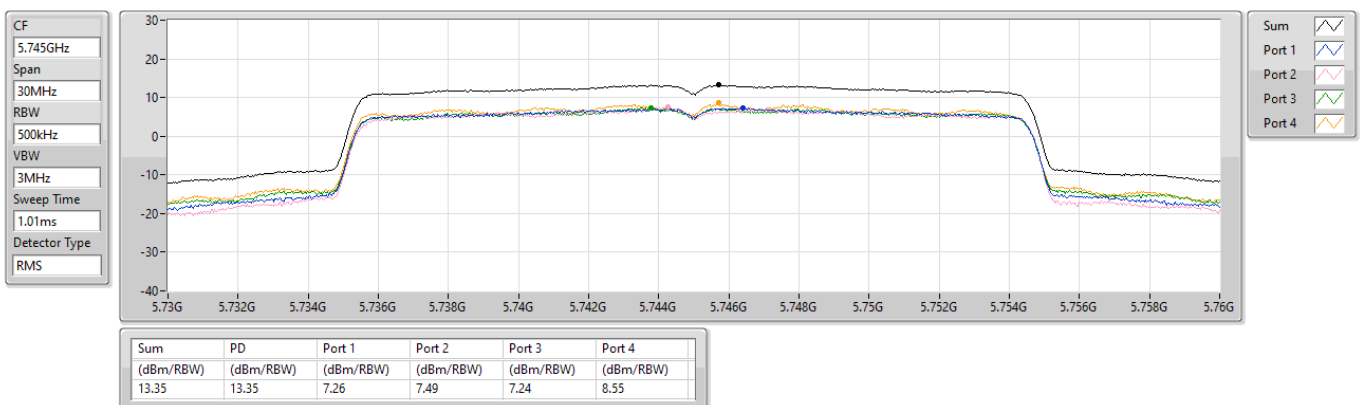
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

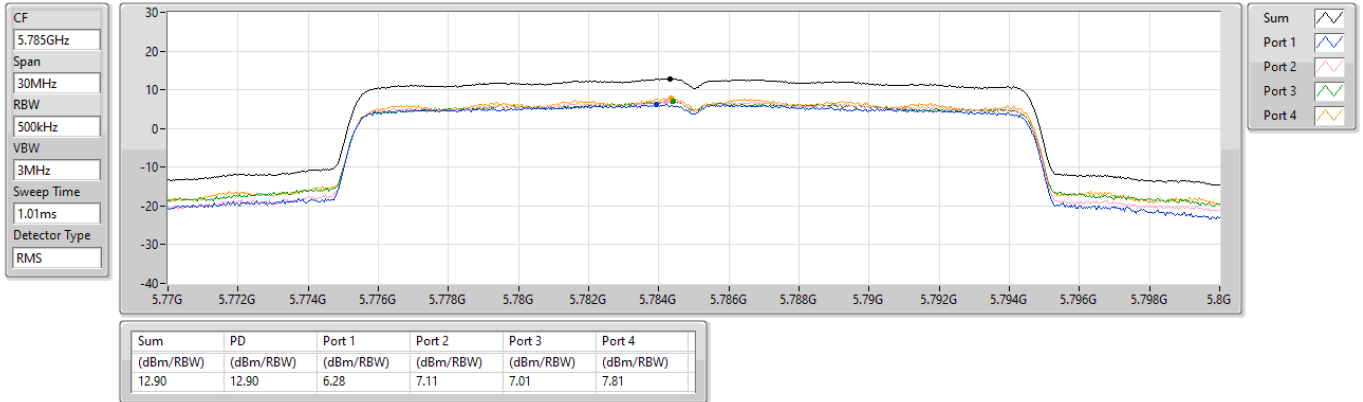
5745MHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

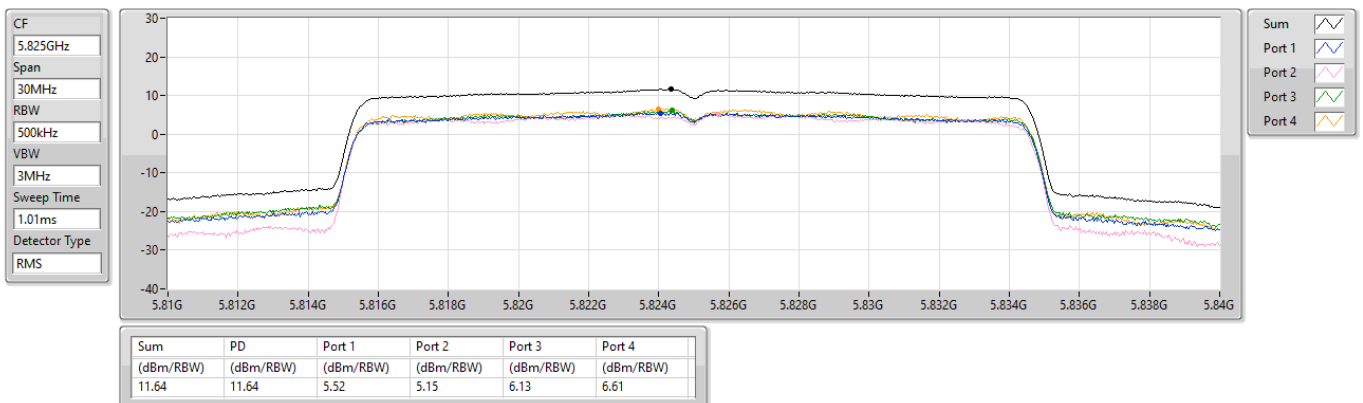
5785MHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

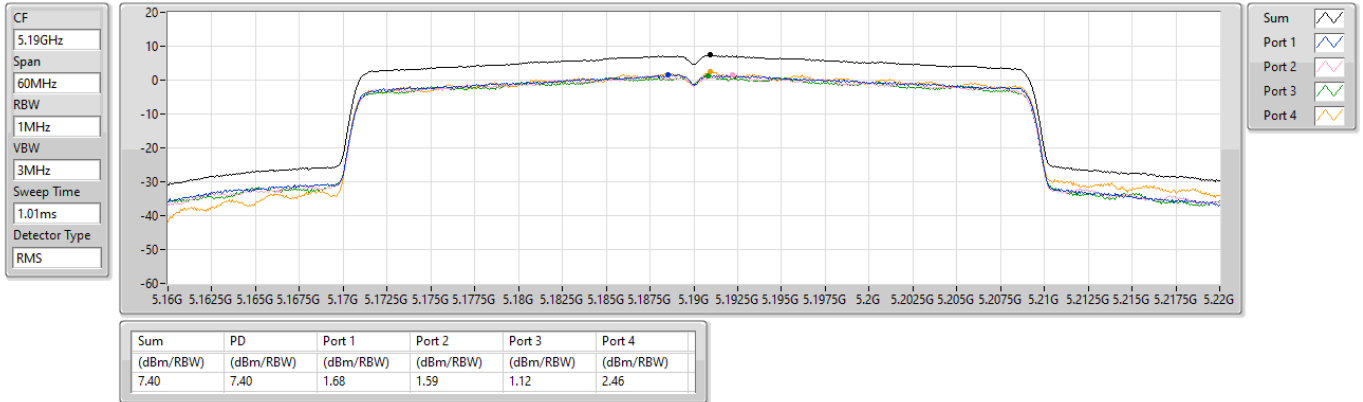
5825MHz



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

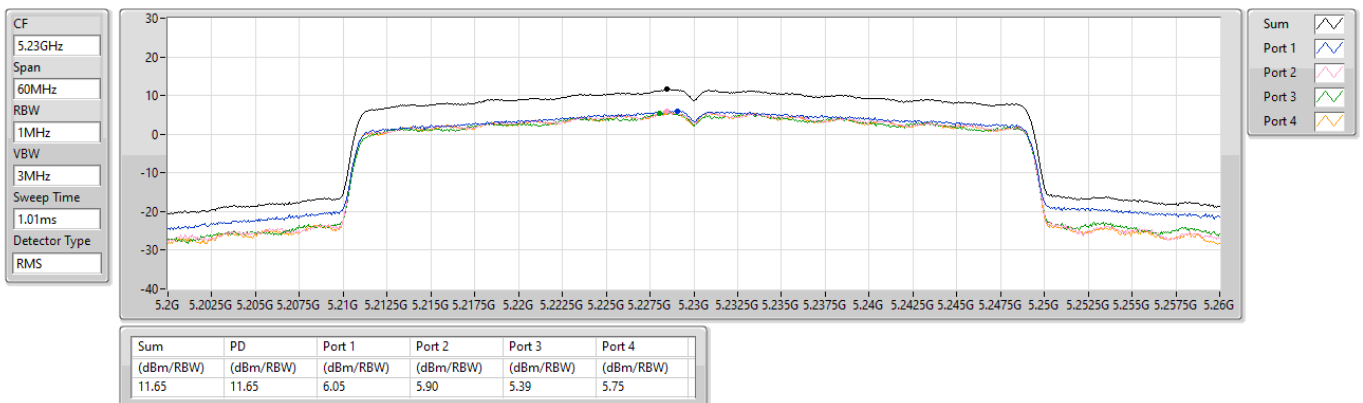
5190MHz



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

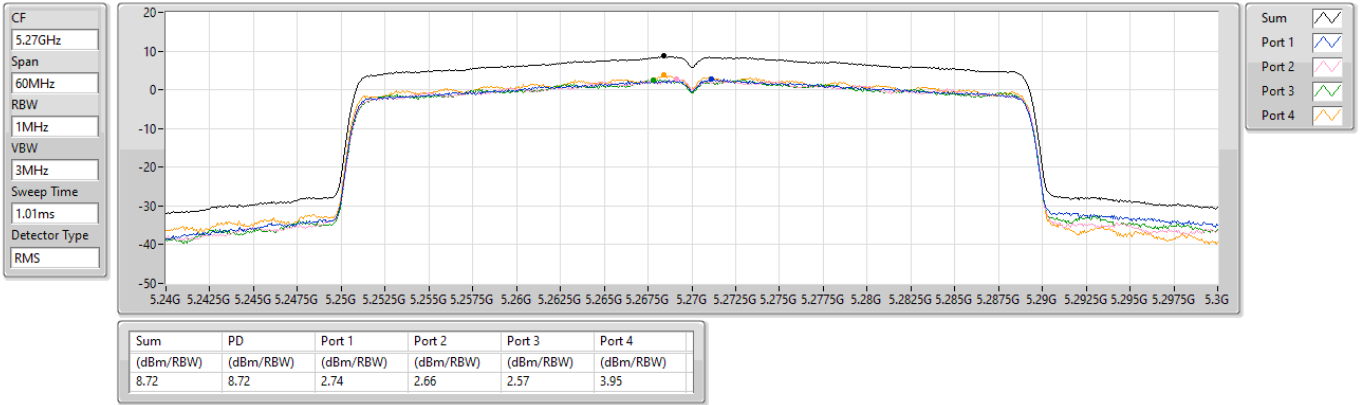
5230MHz



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

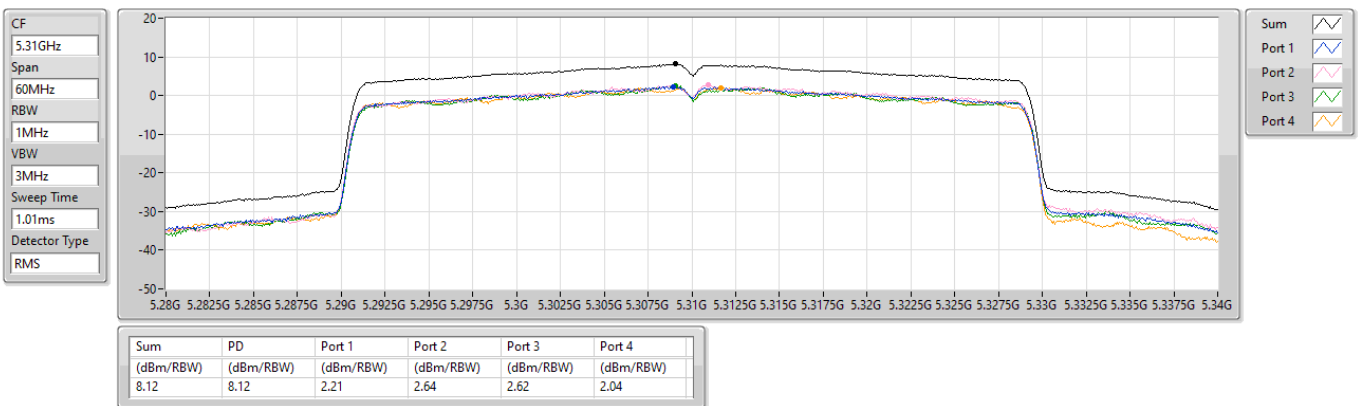
5270MHz



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

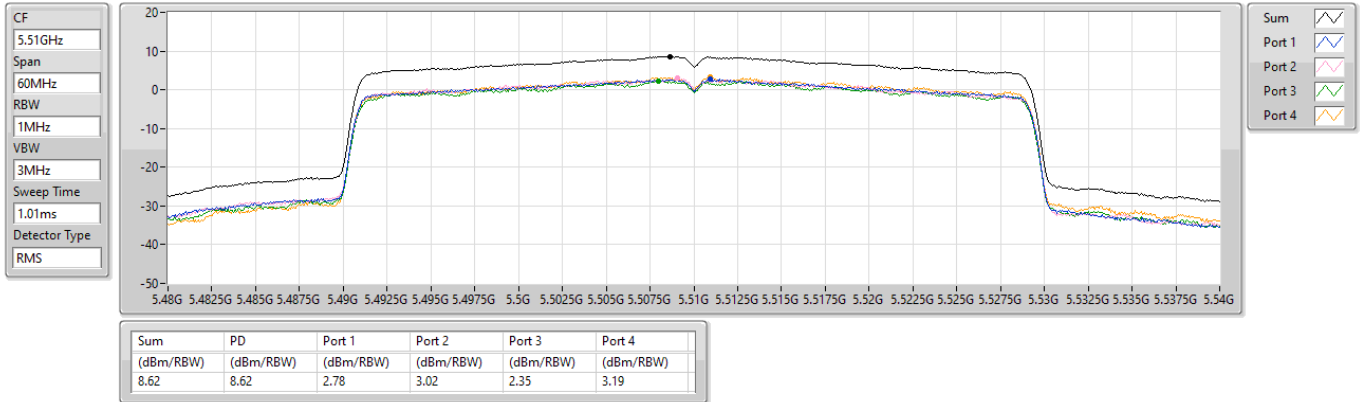
5310MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

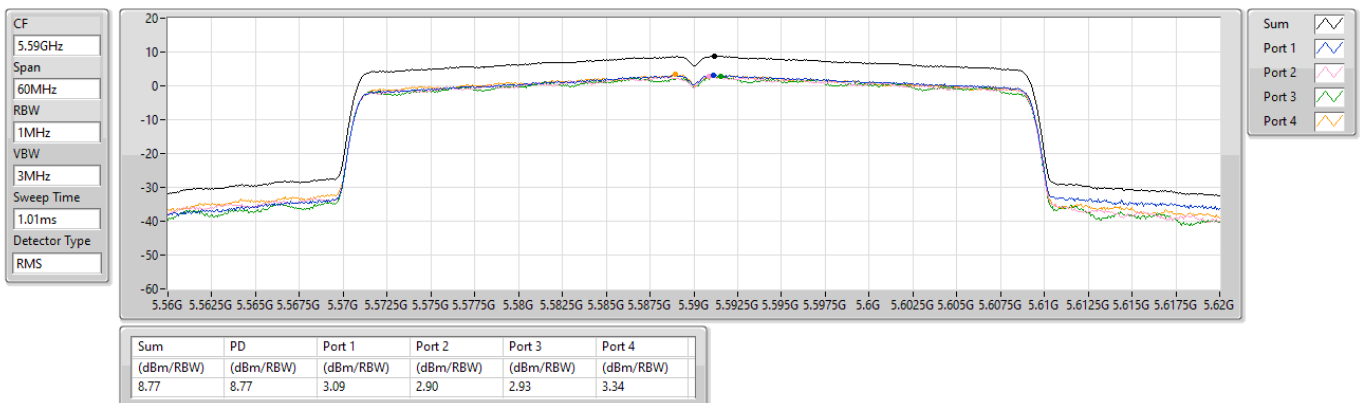
5510MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

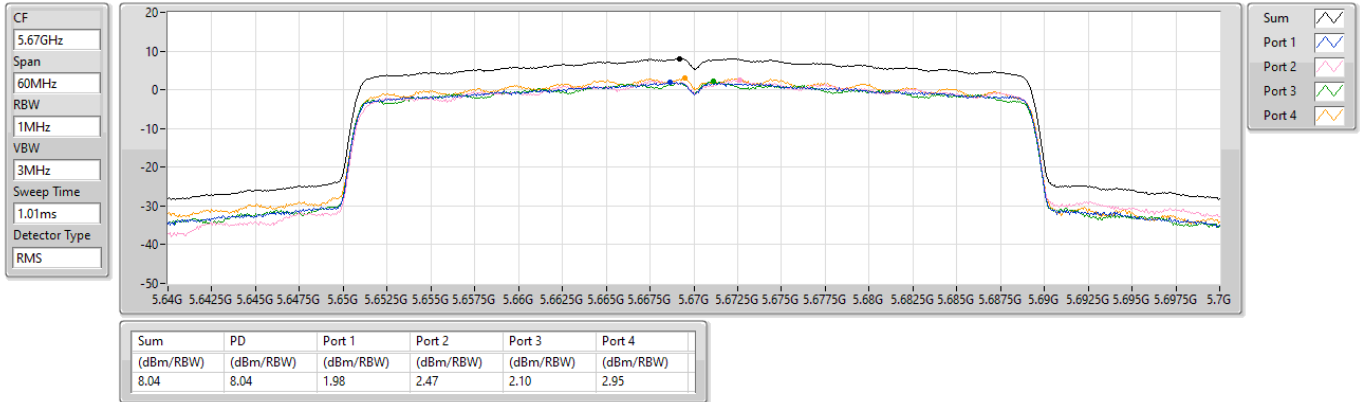
5590MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

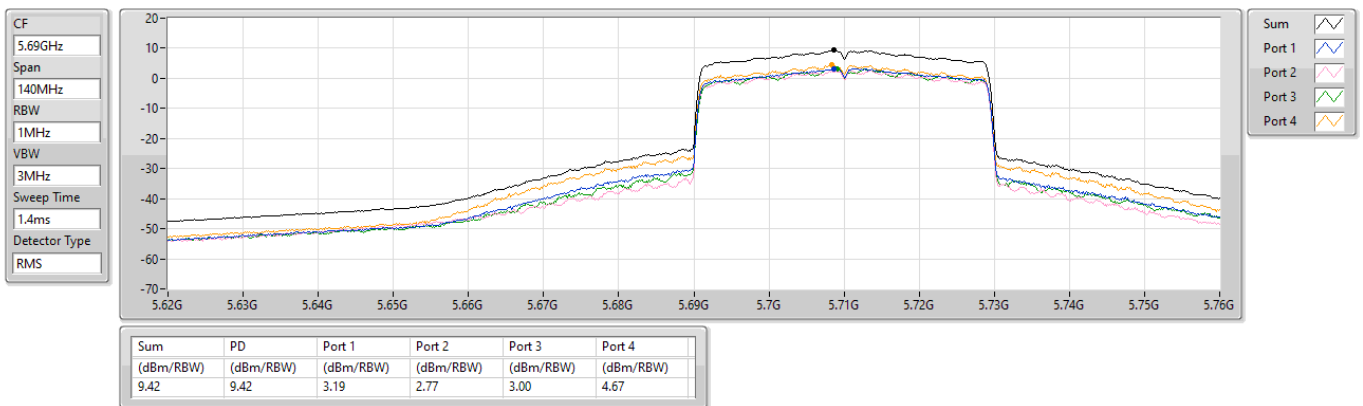
5670MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

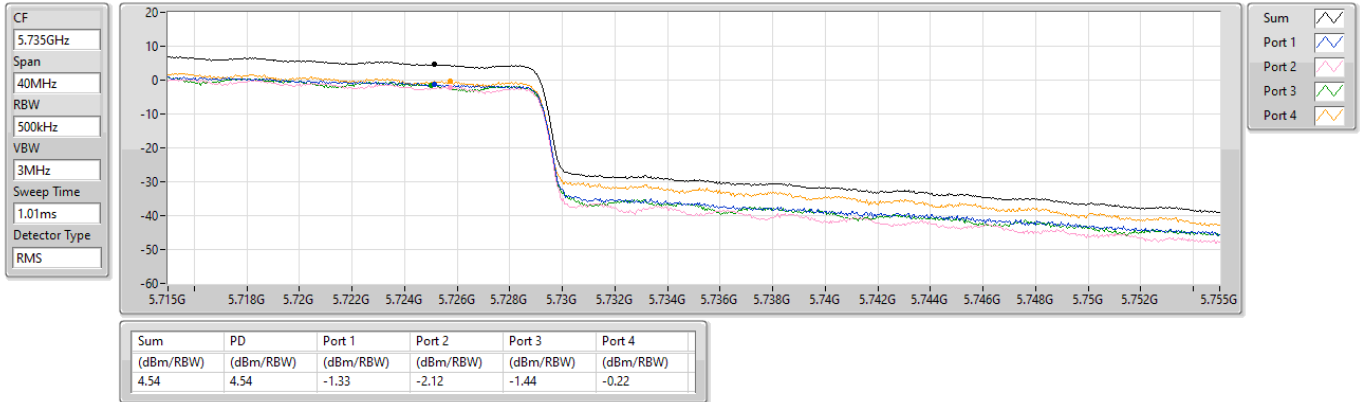
5710MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

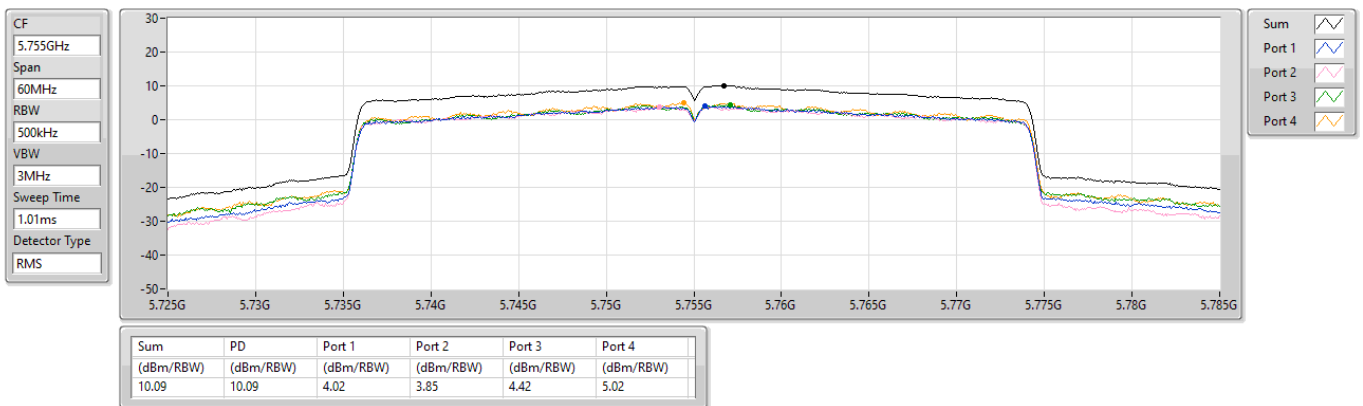
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

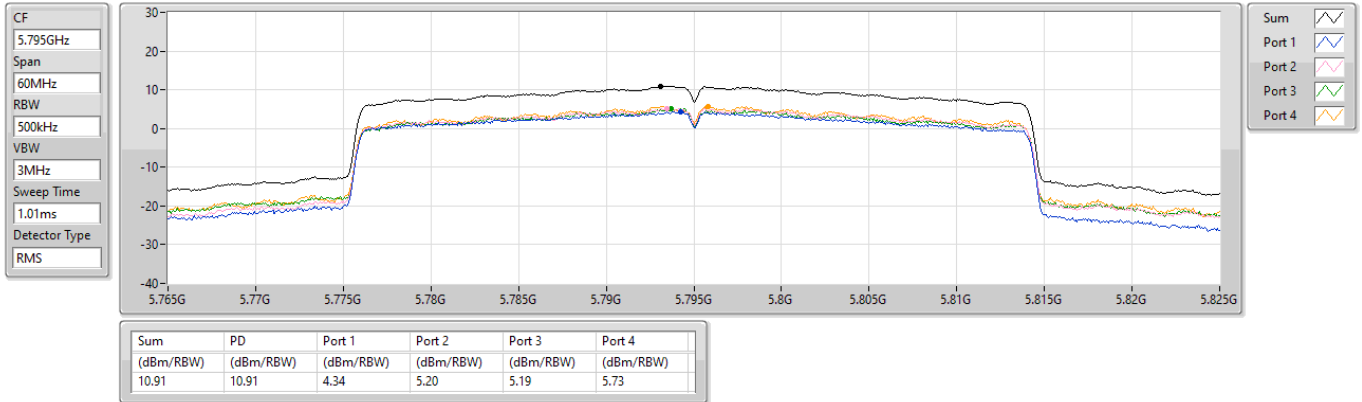
5755MHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

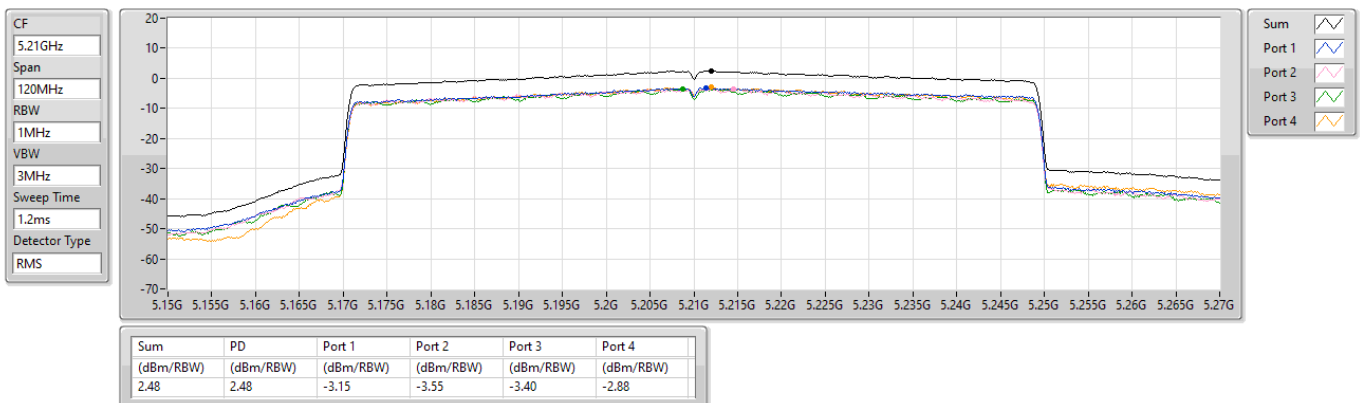
5795MHz



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

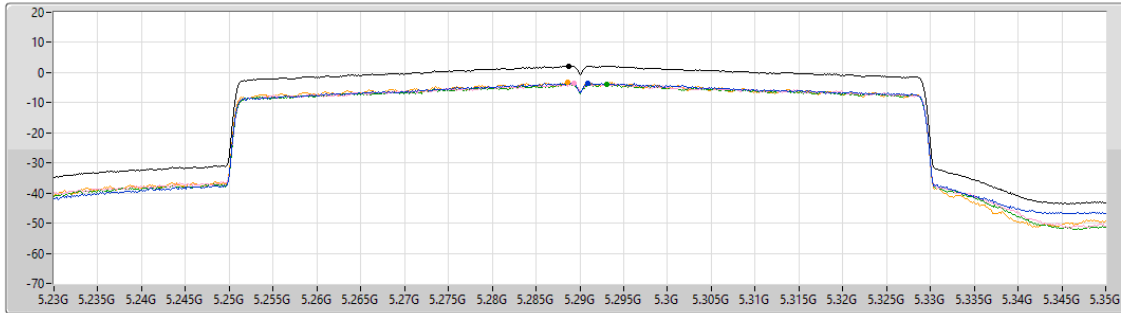


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

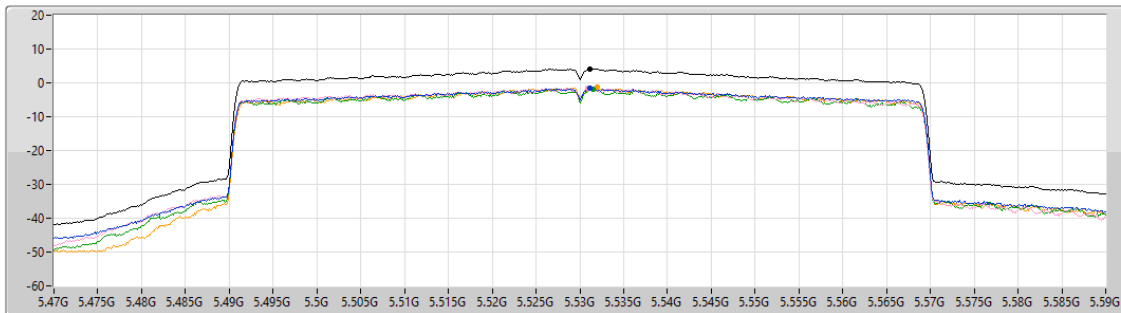
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-3.53	-3.66	-3.84	-3.15

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.2ms
Detector Type
RMS



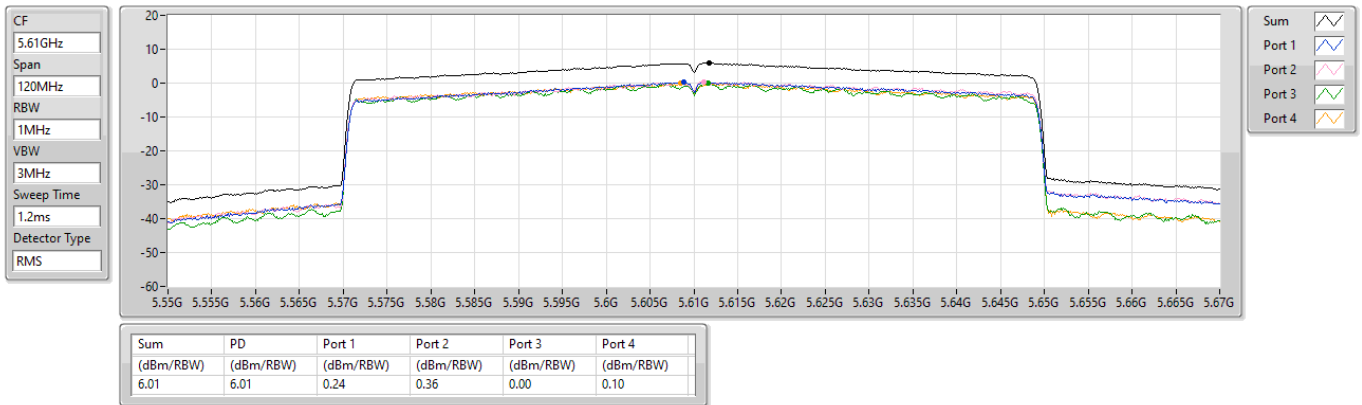
Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.14	4.14	-1.57	-1.65	-1.94	-1.35

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

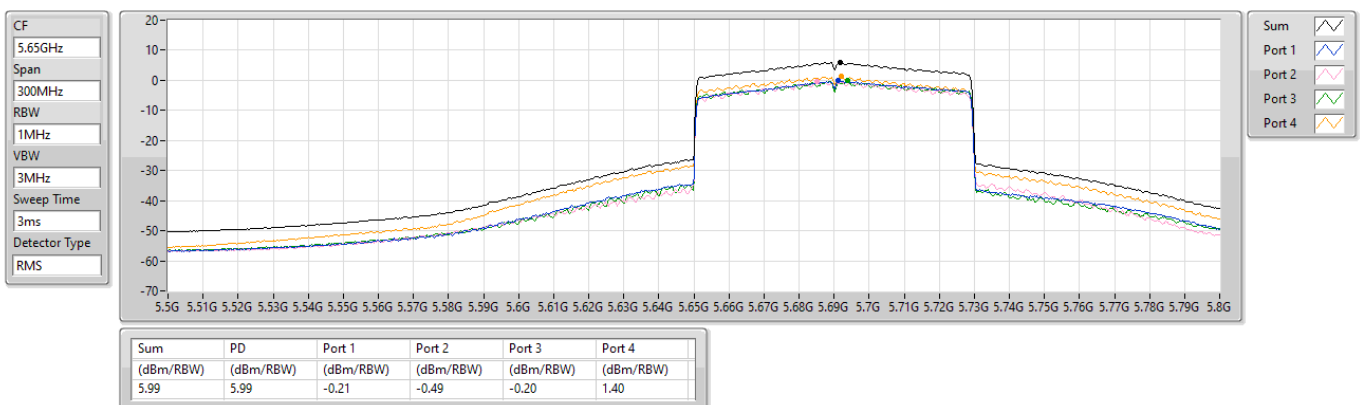
5610MHz



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

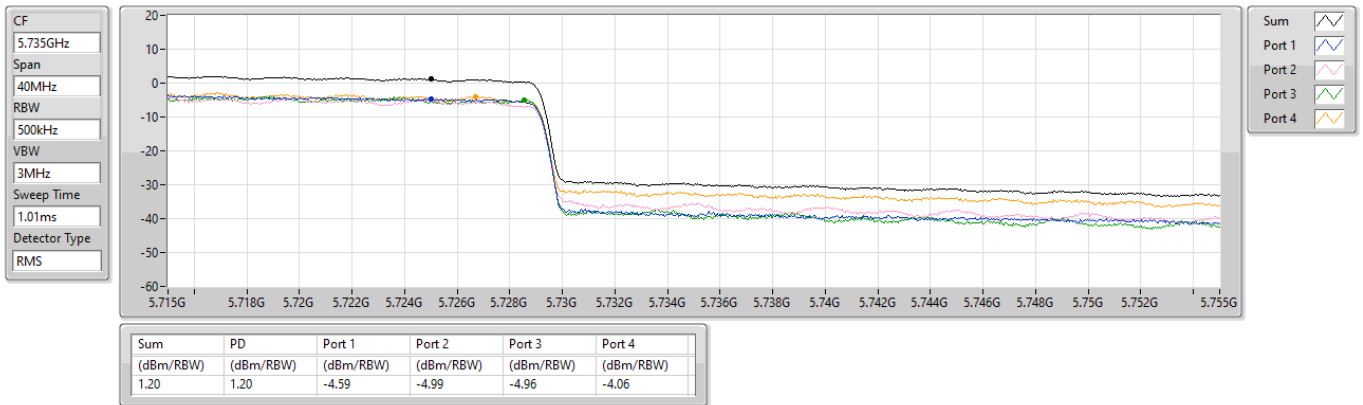
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

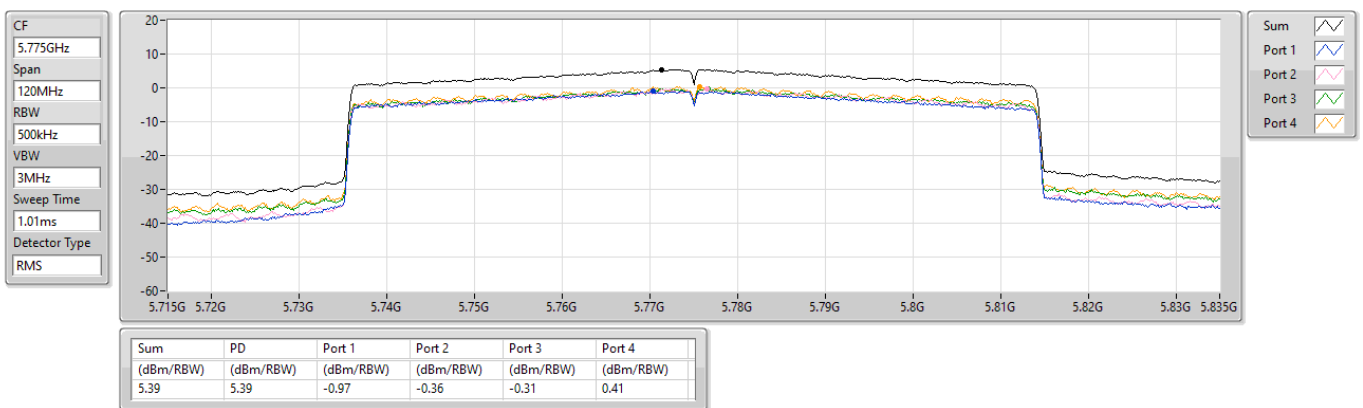
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

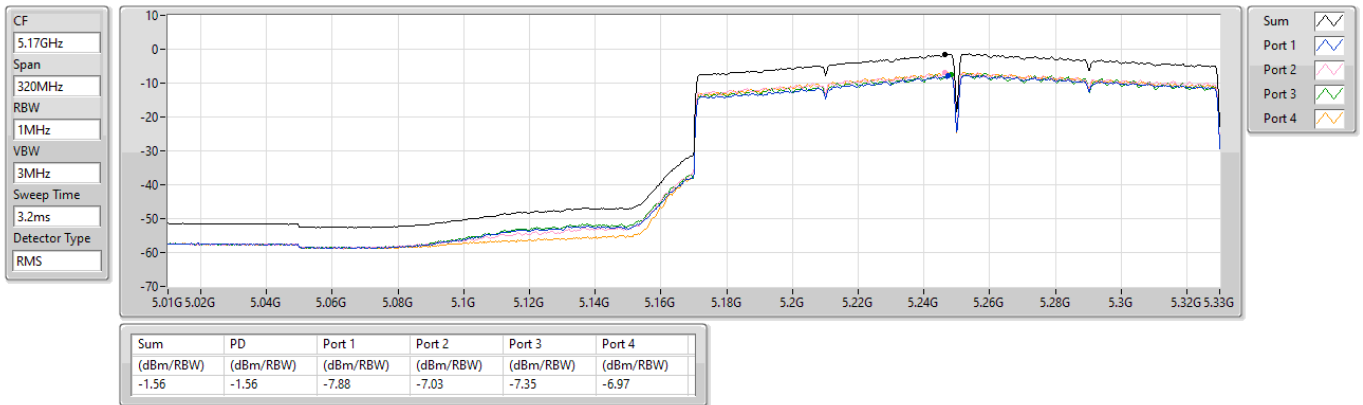
5775MHz



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

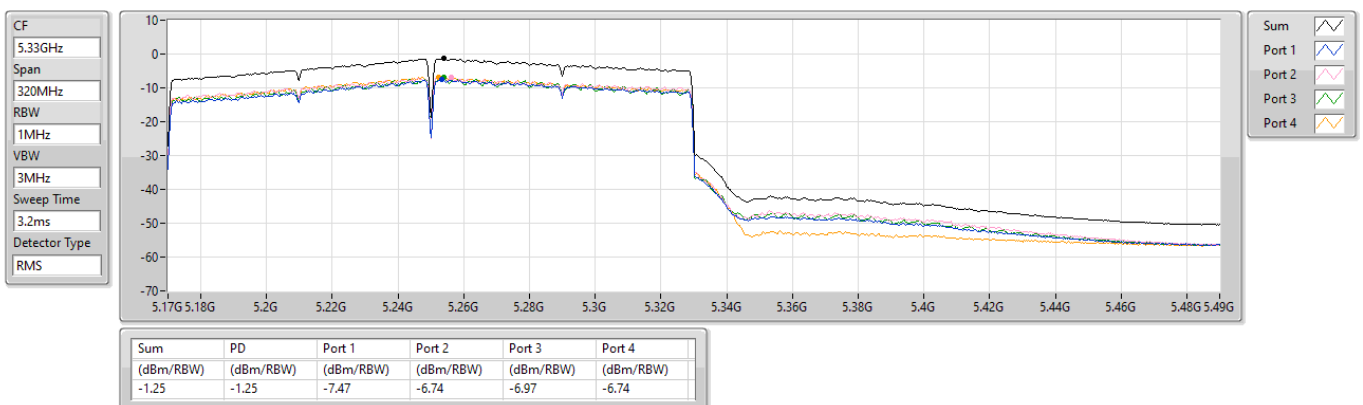
5250MHz Straddle 5.15-5.25GHz



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

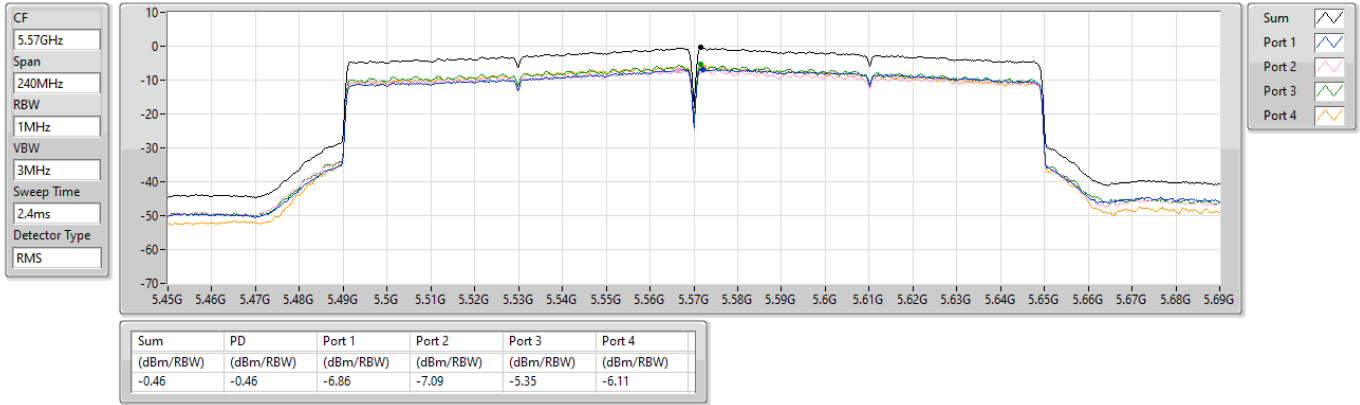
5250MHz Straddle 5.25-5.35GHz



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

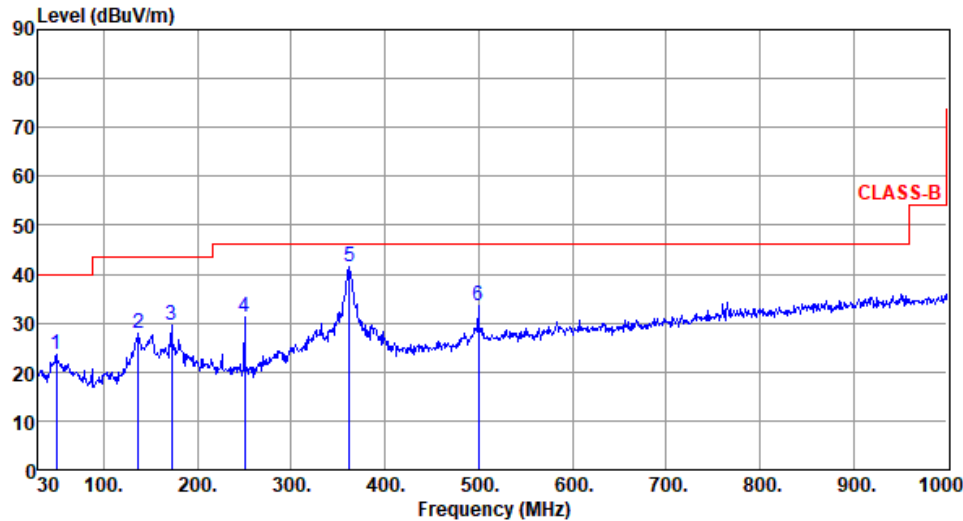
PSD

5570MHz





Unwanted Emissions (Below 1GHz)

Modulation	be EHT20	Test Freq. (MHz)	5240																																																																																										
Polarization	Horizontal																																																																																												
Test By :Brad Wu Temperature(°C):21 Humidity(%):62																																																																																													
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th></th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>49.40</td><td>23.44</td><td>40.00</td><td>-16.56</td><td>32.14</td><td>-8.70</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>136.70</td><td>27.92</td><td>43.50</td><td>-15.58</td><td>37.30</td><td>-9.38</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>172.59</td><td>29.53</td><td>43.50</td><td>-13.97</td><td>38.91</td><td>-9.38</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>250.16</td><td>31.18</td><td>46.00</td><td>-14.82</td><td>41.06</td><td>-9.88</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>361.74</td><td>41.52</td><td>46.00</td><td>-4.48</td><td>48.21</td><td>-6.69</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>499.45</td><td>33.50</td><td>46.00</td><td>-12.50</td><td>36.42</td><td>-2.92</td><td>Peak</td><td>---</td><td>---</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table						dBuV			cm	deg	1	49.40	23.44	40.00	-16.56	32.14	-8.70	Peak	---	---	2	136.70	27.92	43.50	-15.58	37.30	-9.38	Peak	---	---	3	172.59	29.53	43.50	-13.97	38.91	-9.38	Peak	---	---	4	250.16	31.18	46.00	-14.82	41.06	-9.88	Peak	---	---	5	361.74	41.52	46.00	-4.48	48.21	-6.69	Peak	---	---	6	499.45	33.50	46.00	-12.50	36.42	-2.92	Peak	---	---
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Modulation	be EHT20	Test Freq. (MHz)	5240																																																																						
Polarization	Vertical																																																																								
Test By :Brad Wu Temperature(°C):21 Humidity(%):62																																																																									
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>32.91</td><td>29.06</td><td>40.00</td><td>-10.94</td><td>39.19</td><td>-10.13</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>49.40</td><td>33.75</td><td>40.00</td><td>-6.25</td><td>42.45</td><td>-8.70</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>136.70</td><td>24.49</td><td>43.50</td><td>-19.01</td><td>33.87</td><td>-9.38</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>250.02</td><td>28.33</td><td>46.00</td><td>-17.67</td><td>38.21</td><td>-9.88</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>361.65</td><td>41.74</td><td>46.00</td><td>-4.26</td><td>48.43</td><td>-6.69</td><td>QP</td><td>151</td><td>46</td></tr><tr><td>6</td><td>499.44</td><td>38.59</td><td>46.00</td><td>-7.41</td><td>41.51</td><td>-2.92</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	32.91	29.06	40.00	-10.94	39.19	-10.13	Peak	---	---	2	49.40	33.75	40.00	-6.25	42.45	-8.70	Peak	---	---	3	136.70	24.49	43.50	-19.01	33.87	-9.38	Peak	---	---	4	250.02	28.33	46.00	-17.67	38.21	-9.88	Peak	---	---	5	361.65	41.74	46.00	-4.26	48.43	-6.69	QP	151	46	6	499.44	38.59	46.00	-7.41	41.51	-2.92	Peak	---	---
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Modulation	be EHT40	Test Freq. (MHz)	5795																																																																						
Polarization	Horizontal																																																																								
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Modulation	be EHT40	Test Freq. (MHz)	5795																																																																																										
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Unwanted Emissions (Above 1GHz) for 11a

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):63			
Level (dBuV/m) </			



Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):63			
Level (dBuV/m) <			



Modulation	11a	Test Freq. (MHz)	5200
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):63			
Level (dBUV/m)			



Modulation	11a	Test Freq. (MHz)	5200																																																																																																				
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Test By :Brad Wu Temperature(°C):24 Humidity(%):63																																																																																																							
Level (dBUV/m) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>53.53</td><td>54.00</td><td>-0.47</td><td>53.11</td><td>0.42</td><td>Average</td><td>188</td><td>22</td></tr><tr><td>2</td><td>5150.00</td><td>71.51</td><td>74.00</td><td>-2.49</td><td>71.09</td><td>0.42</td><td>Peak</td><td>188</td><td>22</td></tr><tr><td>3 *</td><td>5200.00</td><td>107.86</td><td></td><td></td><td>107.63</td><td>0.23</td><td>Average</td><td>188</td><td>22</td></tr><tr><td>4 *</td><td>5200.00</td><td>118.94</td><td></td><td></td><td>118.71</td><td>0.23</td><td>Peak</td><td>188</td><td>22</td></tr><tr><td>5</td><td>5350.00</td><td>42.58</td><td>54.00</td><td>-11.42</td><td>42.76</td><td>-0.18</td><td>Average</td><td>188</td><td>22</td></tr><tr><td>6</td><td>5350.00</td><td>56.10</td><td>74.00</td><td>-17.90</td><td>56.28</td><td>-0.18</td><td>Peak</td><td>188</td><td>22</td></tr><tr><td>7</td><td>10400.00</td><td>61.89</td><td>68.20</td><td>-6.31</td><td>53.86</td><td>8.03</td><td>Peak</td><td>305</td><td>312</td></tr><tr><td>8</td><td>15600.00</td><td>44.41</td><td>54.00</td><td>-9.59</td><td>39.16</td><td>5.25</td><td>Average</td><td>251</td><td>260</td></tr><tr><td>9</td><td>15600.00</td><td>58.94</td><td>74.00</td><td>-15.06</td><td>53.69</td><td>5.25</td><td>Peak</td><td>251</td><td>260</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	53.53	54.00	-0.47	53.11	0.42	Average	188	22	2	5150.00	71.51	74.00	-2.49	71.09	0.42	Peak	188	22	3 *	5200.00	107.86			107.63	0.23	Average	188	22	4 *	5200.00	118.94			118.71	0.23	Peak	188	22	5	5350.00	42.58	54.00	-11.42	42.76	-0.18	Average	188	22	6	5350.00	56.10	74.00	-17.90	56.28	-0.18	Peak	188	22	7	10400.00	61.89	68.20	-6.31	53.86	8.03	Peak	305	312	8	15600.00	44.41	54.00	-9.59	39.16	5.25	Average	251	260	9	15600.00	58.94	74.00	-15.06	53.69	5.25	Peak	251	260
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m) </			



Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBUV/m)			



Modulation	11a	Test Freq. (MHz)	5260
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) <			



Modulation	11a	Test Freq. (MHz)	5300																																																																																																														
Polarization	Horizontal																																																																																																																
Test By :Brad Wu Temperature(°C):23 Humidity(%):62																																																																																																																	
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
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Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) <			

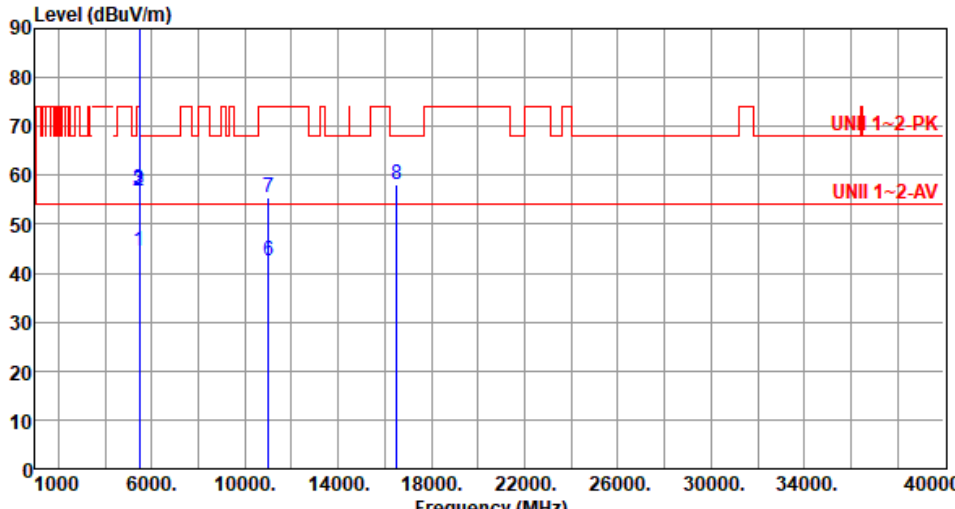


Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) <			



Modulation	11a	Test Freq. (MHz)	5320																																																																																										
Polarization	Vertical																																																																																												
Test By :Brad Wu Temperature(°C):23 Humidity(%):62																																																																																													
Level (dBuV/m) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1 *</td><td>5320.00</td><td>106.61</td><td></td><td></td><td>106.86</td><td>-0.25</td><td>Average</td><td>238</td><td>9</td></tr><tr><td>2 *</td><td>5320.00</td><td>117.80</td><td></td><td></td><td>118.05</td><td>-0.25</td><td>Peak</td><td>238</td><td>9</td></tr><tr><td>3</td><td>5350.00</td><td>44.76</td><td>54.00</td><td>-9.24</td><td>44.94</td><td>-0.18</td><td>Average</td><td>238</td><td>9</td></tr><tr><td>4</td><td>5350.00</td><td>61.24</td><td>74.00</td><td>-12.76</td><td>61.42</td><td>-0.18</td><td>Peak</td><td>238</td><td>9</td></tr><tr><td>5</td><td>10640.00</td><td>43.45</td><td>54.00</td><td>-10.55</td><td>35.09</td><td>8.36</td><td>Average</td><td>100</td><td>29</td></tr><tr><td>6</td><td>10640.00</td><td>57.86</td><td>74.00</td><td>-16.14</td><td>49.50</td><td>8.36</td><td>Peak</td><td>100</td><td>29</td></tr><tr><td>7</td><td>15960.00</td><td>42.84</td><td>54.00</td><td>-11.16</td><td>37.56</td><td>5.28</td><td>Average</td><td>100</td><td>31</td></tr><tr><td>8</td><td>15960.00</td><td>55.69</td><td>74.00</td><td>-18.31</td><td>50.41</td><td>5.28</td><td>Peak</td><td>100</td><td>31</td></tr></tbody></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3:"*" is Peak / Average value of fundamental frequency					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1 *	5320.00	106.61			106.86	-0.25	Average	238	9	2 *	5320.00	117.80			118.05	-0.25	Peak	238	9	3	5350.00	44.76	54.00	-9.24	44.94	-0.18	Average	238	9	4	5350.00	61.24	74.00	-12.76	61.42	-0.18	Peak	238	9	5	10640.00	43.45	54.00	-10.55	35.09	8.36	Average	100	29	6	10640.00	57.86	74.00	-16.14	49.50	8.36	Peak	100	29	7	15960.00	42.84	54.00	-11.16	37.56	5.28	Average	100	31	8	15960.00	55.69	74.00	-18.31	50.41	5.28	Peak	100	31
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
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Modulation	11a	Test Freq. (MHz)	5500						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):23 Humidity(%):62									
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.38	54.00	-9.62	44.25	0.13	Average	247	285
2	5460.00	56.75	74.00	-17.25	56.62	0.13	Peak	247	285
3	5470.00	56.99	68.20	-11.21	56.83	0.16	Peak	247	285
4 *	5500.00	103.96			103.75	0.21	Average	247	285
5 *	5500.00	115.12			114.91	0.21	Peak	247	285
6	11000.00	42.54	54.00	-11.46	33.95	8.59	Average	100	289
7	11000.00	55.58	74.00	-18.42	46.99	8.59	Peak	100	289
8	16500.00	58.09	68.20	-10.11	51.26	6.83	Peak	100	21

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



Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5580																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):62																																																																																																							
Level (dBUV/m) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>43.19</td><td>54.00</td><td>-10.81</td><td>43.06</td><td>0.13</td><td>Average</td><td>248</td><td>276</td></tr><tr><td>2</td><td>5460.00</td><td>56.55</td><td>74.00</td><td>-17.45</td><td>56.42</td><td>0.13</td><td>Peak</td><td>248</td><td>276</td></tr><tr><td>3</td><td>5470.00</td><td>56.69</td><td>68.20</td><td>-11.51</td><td>56.53</td><td>0.16</td><td>Peak</td><td>248</td><td>276</td></tr><tr><td>4 *</td><td>5580.00</td><td>103.89</td><td></td><td></td><td>103.71</td><td>0.18</td><td>Average</td><td>248</td><td>276</td></tr><tr><td>5 *</td><td>5580.00</td><td>114.88</td><td></td><td></td><td>114.70</td><td>0.18</td><td>Peak</td><td>248</td><td>276</td></tr><tr><td>6</td><td>5725.00</td><td>56.87</td><td>68.20</td><td>-11.33</td><td>56.24</td><td>0.63</td><td>Peak</td><td>248</td><td>276</td></tr><tr><td>7</td><td>11160.00</td><td>43.57</td><td>54.00</td><td>-10.43</td><td>35.56</td><td>8.01</td><td>Average</td><td>100</td><td>282</td></tr><tr><td>8</td><td>11160.00</td><td>56.76</td><td>74.00</td><td>-17.24</td><td>48.75</td><td>8.01</td><td>Peak</td><td>100</td><td>282</td></tr><tr><td>9</td><td>16740.00</td><td>58.12</td><td>68.20</td><td>-10.08</td><td>51.15</td><td>6.97</td><td>Peak</td><td>100</td><td>23</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	43.19	54.00	-10.81	43.06	0.13	Average	248	276	2	5460.00	56.55	74.00	-17.45	56.42	0.13	Peak	248	276	3	5470.00	56.69	68.20	-11.51	56.53	0.16	Peak	248	276	4 *	5580.00	103.89			103.71	0.18	Average	248	276	5 *	5580.00	114.88			114.70	0.18	Peak	248	276	6	5725.00	56.87	68.20	-11.33	56.24	0.63	Peak	248	276	7	11160.00	43.57	54.00	-10.43	35.56	8.01	Average	100	282	8	11160.00	56.76	74.00	-17.24	48.75	8.01	Peak	100	282	9	16740.00	58.12	68.20	-10.08	51.15	6.97	Peak	100	23
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBUV/m)			



Modulation	11a	Test Freq. (MHz)	5700																																																																						
Polarization	Horizontal																																																																								
Test By :Brad Wu Temperature(°C):23 Humidity(%):62																																																																									
<table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5700.00</td><td>105.61</td><td></td><td></td><td>105.00</td><td>0.61</td><td>Average</td><td>188</td><td>272</td></tr><tr><td>2</td><td>5700.00</td><td>116.63</td><td></td><td></td><td>116.02</td><td>0.61</td><td>Peak</td><td>188</td><td>272</td></tr><tr><td>3</td><td>5725.00</td><td>65.04</td><td>68.20</td><td>-3.16</td><td>64.41</td><td>0.63</td><td>Peak</td><td>188</td><td>272</td></tr><tr><td>4</td><td>11400.00</td><td>43.42</td><td>54.00</td><td>-10.58</td><td>35.33</td><td>8.09</td><td>Average</td><td>100</td><td>295</td></tr><tr><td>5</td><td>11400.00</td><td>56.61</td><td>74.00</td><td>-17.39</td><td>48.52</td><td>8.09</td><td>Peak</td><td>100</td><td>295</td></tr><tr><td>6</td><td>17100.00</td><td>58.26</td><td>68.20</td><td>-9.94</td><td>51.88</td><td>6.38</td><td>Peak</td><td>100</td><td>44</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5700.00	105.61			105.00	0.61	Average	188	272	2	5700.00	116.63			116.02	0.61	Peak	188	272	3	5725.00	65.04	68.20	-3.16	64.41	0.63	Peak	188	272	4	11400.00	43.42	54.00	-10.58	35.33	8.09	Average	100	295	5	11400.00	56.61	74.00	-17.39	48.52	8.09	Peak	100	295	6	17100.00	58.26	68.20	-9.94	51.88	6.38	Peak	100	44
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) <			



Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5720																																																																																																				
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Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>43.07</td><td>54.00</td><td>-10.93</td><td>42.94</td><td>0.13</td><td>Average</td><td>228</td><td>5</td></tr><tr><td>2</td><td>5460.00</td><td>55.78</td><td>74.00</td><td>-18.22</td><td>55.65</td><td>0.13</td><td>Peak</td><td>228</td><td>5</td></tr><tr><td>3</td><td>5470.00</td><td>56.26</td><td>68.20</td><td>-11.94</td><td>56.10</td><td>0.16</td><td>Peak</td><td>228</td><td>5</td></tr><tr><td>4 *</td><td>5720.00</td><td>105.86</td><td></td><td></td><td>105.24</td><td>0.62</td><td>Average</td><td>228</td><td>5</td></tr><tr><td>5 *</td><td>5720.00</td><td>117.37</td><td></td><td></td><td>116.75</td><td>0.62</td><td>Peak</td><td>228</td><td>5</td></tr><tr><td>6</td><td>5850.00</td><td>57.28</td><td>68.20</td><td>-10.92</td><td>56.50</td><td>0.78</td><td>Peak</td><td>228</td><td>5</td></tr><tr><td>7</td><td>11440.00</td><td>41.82</td><td>54.00</td><td>-12.18</td><td>33.66</td><td>8.16</td><td>Average</td><td>100</td><td>55</td></tr><tr><td>8</td><td>11440.00</td><td>54.46</td><td>74.00</td><td>-19.54</td><td>46.30</td><td>8.16</td><td>Peak</td><td>100</td><td>55</td></tr><tr><td>9</td><td>17160.00</td><td>58.26</td><td>68.20</td><td>-9.94</td><td>51.98</td><td>6.28</td><td>Peak</td><td>100</td><td>47</td></tr></tbody></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: "*" is Peak / Average value of fundamental frequency					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	43.07	54.00	-10.93	42.94	0.13	Average	228	5	2	5460.00	55.78	74.00	-18.22	55.65	0.13	Peak	228	5	3	5470.00	56.26	68.20	-11.94	56.10	0.16	Peak	228	5	4 *	5720.00	105.86			105.24	0.62	Average	228	5	5 *	5720.00	117.37			116.75	0.62	Peak	228	5	6	5850.00	57.28	68.20	-10.92	56.50	0.78	Peak	228	5	7	11440.00	41.82	54.00	-12.18	33.66	8.16	Average	100	55	8	11440.00	54.46	74.00	-19.54	46.30	8.16	Peak	100	55	9	17160.00	58.26	68.20	-9.94	51.98	6.28	Peak	100	47
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m) <			

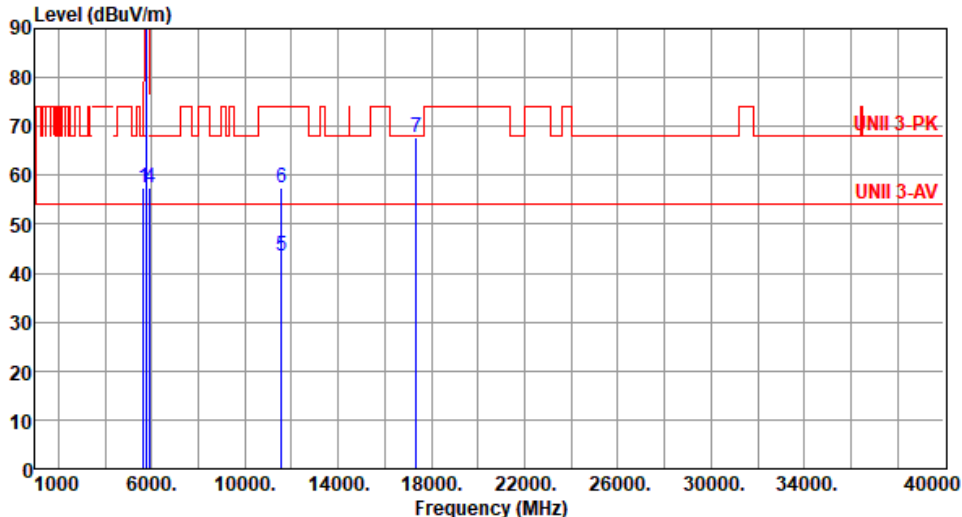


Modulation	11a	Test Freq. (MHz)	5745																																																																																																														
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
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Modulation	11a	Test Freq. (MHz)	5785
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):63			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5785																																																																																
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Test By :Brad Wu Temperature(°C):24 Humidity(%):63																																																																																			
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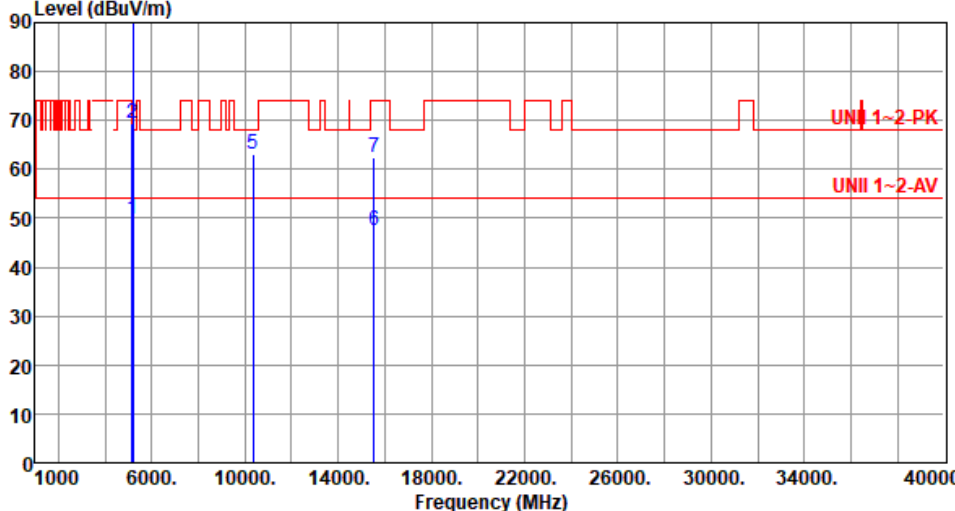
Modulation	11a	Test Freq. (MHz)	5825
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBUV/m)			



Modulation	11a	Test Freq. (MHz)	5825
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBUV/m)			



Unwanted Emissions (Above 1GHz) for be EHT20

Modulation	be EHT20	Test Freq. (MHz)	5180																																																																																
Polarization	Horizontal																																																																																		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64																																																																																			
Level (dBuV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>49.67</td><td>54.00</td><td>-4.33</td><td>49.25</td><td>0.42</td><td>Average</td><td>238</td><td>284</td></tr><tr><td>2</td><td>5150.00</td><td>69.36</td><td>74.00</td><td>-4.64</td><td>68.94</td><td>0.42</td><td>Peak</td><td>238</td><td>284</td></tr><tr><td>3 *</td><td>5180.00</td><td>105.04</td><td></td><td></td><td>104.73</td><td>0.31</td><td>Average</td><td>238</td><td>284</td></tr><tr><td>4 *</td><td>5180.00</td><td>117.58</td><td></td><td></td><td>117.27</td><td>0.31</td><td>Peak</td><td>238</td><td>284</td></tr><tr><td>5</td><td>10360.00</td><td>63.19</td><td>68.20</td><td>-5.01</td><td>55.16</td><td>8.03</td><td>Peak</td><td>224</td><td>285</td></tr><tr><td>6</td><td>15540.00</td><td>47.48</td><td>54.00</td><td>-6.52</td><td>41.97</td><td>5.51</td><td>Average</td><td>187</td><td>199</td></tr><tr><td>7</td><td>15540.00</td><td>62.43</td><td>74.00</td><td>-11.57</td><td>56.92</td><td>5.51</td><td>Peak</td><td>187</td><td>199</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	49.67	54.00	-4.33	49.25	0.42	Average	238	284	2	5150.00	69.36	74.00	-4.64	68.94	0.42	Peak	238	284	3 *	5180.00	105.04			104.73	0.31	Average	238	284	4 *	5180.00	117.58			117.27	0.31	Peak	238	284	5	10360.00	63.19	68.20	-5.01	55.16	8.03	Peak	224	285	6	15540.00	47.48	54.00	-6.52	41.97	5.51	Average	187	199	7	15540.00	62.43	74.00	-11.57	56.92	5.51	Peak	187	199
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2	5150.00	69.36	74.00	-4.64	68.94	0.42	Peak	238	284																																																																										
3 *	5180.00	105.04			104.73	0.31	Average	238	284																																																																										
4 *	5180.00	117.58			117.27	0.31	Peak	238	284																																																																										
5	10360.00	63.19	68.20	-5.01	55.16	8.03	Peak	224	285																																																																										
6	15540.00	47.48	54.00	-6.52	41.97	5.51	Average	187	199																																																																										
7	15540.00	62.43	74.00	-11.57	56.92	5.51	Peak	187	199																																																																										
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable 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	be EHT20	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m) </			



Modulation	be EHT20	Test Freq. (MHz)	5200
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBUV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5200
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5240						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):22 Humidity(%):64									
Level (dBuV/m) Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.14	54.00	-8.86	44.72	0.42	Average	234	256
2	5150.00	63.95	74.00	-10.05	63.53	0.42	Peak	234	256
3 *	5240.00	108.85			108.86	-0.01	Average	234	256
4 *	5240.00	121.75			121.76	-0.01	Peak	234	256
5	5350.00	44.69	54.00	-9.31	44.87	-0.18	Average	234	256
6	5350.00	61.48	74.00	-12.52	61.66	-0.18	Peak	234	256
7	10480.00	67.80	68.20	-0.40	59.68	8.12	Peak	214	285
8	15720.00	51.24	54.00	-2.76	45.80	5.44	Average	190	202
9	15720.00	65.60	74.00	-8.40	60.16	5.44	Peak	190	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	be EHT20	Test Freq. (MHz)	5240						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):64									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.23	54.00	-7.77	45.81	0.42	Average	235	345
2	5150.00	65.17	74.00	-8.83	64.75	0.42	Peak	235	345
3 *	5240.00	110.45			110.46	-0.01	Average	235	345
4 *	5240.00	123.21			123.22	-0.01	Peak	235	345
5	5350.00	44.86	54.00	-9.14	45.04	-0.18	Average	235	345
6	5350.00	61.65	74.00	-12.35	61.83	-0.18	Peak	235	345
7	10480.00	60.70	68.20	-7.50	52.58	8.12	Peak	135	127
8	15720.00	51.79	54.00	-2.21	46.35	5.44	Average	275	271
9	15720.00	65.66	74.00	-8.34	60.22	5.44	Peak	275	271

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable 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	be EHT20	Test Freq. (MHz)	5260																																																																																
Polarization	Horizontal																																																																																		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62																																																																																			
Level (dBuV/m) UNII 1-2-PK UNII 1-2-AV <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>43.14</td><td>54.00</td><td>-10.86</td><td>42.72</td><td>0.42</td><td>Average</td><td>185</td><td>279</td></tr><tr><td>2</td><td>5150.00</td><td>56.82</td><td>74.00</td><td>-17.18</td><td>56.40</td><td>0.42</td><td>Peak</td><td>185</td><td>279</td></tr><tr><td>3 *</td><td>5260.00</td><td>104.64</td><td></td><td></td><td>104.76</td><td>-0.12</td><td>Average</td><td>185</td><td>279</td></tr><tr><td>4 *</td><td>5260.00</td><td>117.26</td><td></td><td></td><td>117.38</td><td>-0.12</td><td>Peak</td><td>185</td><td>279</td></tr><tr><td>5</td><td>10520.00</td><td>57.66</td><td>68.20</td><td>-10.54</td><td>49.54</td><td>8.12</td><td>Peak</td><td>100</td><td>245</td></tr><tr><td>6</td><td>15780.00</td><td>42.93</td><td>54.00</td><td>-11.07</td><td>37.54</td><td>5.39</td><td>Average</td><td>100</td><td>51</td></tr><tr><td>7</td><td>15780.00</td><td>55.86</td><td>74.00</td><td>-18.14</td><td>50.47</td><td>5.39</td><td>Peak</td><td>100</td><td>51</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	43.14	54.00	-10.86	42.72	0.42	Average	185	279	2	5150.00	56.82	74.00	-17.18	56.40	0.42	Peak	185	279	3 *	5260.00	104.64			104.76	-0.12	Average	185	279	4 *	5260.00	117.26			117.38	-0.12	Peak	185	279	5	10520.00	57.66	68.20	-10.54	49.54	8.12	Peak	100	245	6	15780.00	42.93	54.00	-11.07	37.54	5.39	Average	100	51	7	15780.00	55.86	74.00	-18.14	50.47	5.39	Peak	100	51
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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Modulation	be EHT20	Test Freq. (MHz)	5260
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) </			



Modulation	be EHT20	Test Freq. (MHz)	5300
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5300																																																																																																														
Polarization	Vertical																																																																																																																
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Level (dBuV/m) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>43.48</td><td>54.00</td><td>-10.52</td><td>43.06</td><td>0.42</td><td>Average</td><td>254</td><td>355</td></tr><tr><td>2</td><td>5150.00</td><td>56.37</td><td>74.00</td><td>-17.63</td><td>55.95</td><td>0.42</td><td>Peak</td><td>254</td><td>355</td></tr><tr><td>3 *</td><td>5300.00</td><td>106.20</td><td></td><td></td><td>106.48</td><td>-0.28</td><td>Average</td><td>254</td><td>355</td></tr><tr><td>4 *</td><td>5300.00</td><td>119.40</td><td></td><td></td><td>119.68</td><td>-0.28</td><td>Peak</td><td>254</td><td>355</td></tr><tr><td>5</td><td>5350.00</td><td>42.83</td><td>54.00</td><td>-11.17</td><td>43.01</td><td>-0.18</td><td>Average</td><td>254</td><td>355</td></tr><tr><td>6</td><td>5350.00</td><td>56.80</td><td>74.00</td><td>-17.20</td><td>56.98</td><td>-0.18</td><td>Peak</td><td>254</td><td>355</td></tr><tr><td>7</td><td>10600.00</td><td>42.58</td><td>54.00</td><td>-11.42</td><td>34.28</td><td>8.30</td><td>Average</td><td>100</td><td>26</td></tr><tr><td>8</td><td>10600.00</td><td>55.41</td><td>74.00</td><td>-18.59</td><td>47.11</td><td>8.30</td><td>Peak</td><td>100</td><td>26</td></tr><tr><td>9</td><td>15900.00</td><td>42.44</td><td>54.00</td><td>-11.56</td><td>37.12</td><td>5.32</td><td>Average</td><td>100</td><td>35</td></tr><tr><td>10</td><td>15900.00</td><td>55.46</td><td>74.00</td><td>-18.54</td><td>50.14</td><td>5.32</td><td>Peak</td><td>100</td><td>35</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	43.48	54.00	-10.52	43.06	0.42	Average	254	355	2	5150.00	56.37	74.00	-17.63	55.95	0.42	Peak	254	355	3 *	5300.00	106.20			106.48	-0.28	Average	254	355	4 *	5300.00	119.40			119.68	-0.28	Peak	254	355	5	5350.00	42.83	54.00	-11.17	43.01	-0.18	Average	254	355	6	5350.00	56.80	74.00	-17.20	56.98	-0.18	Peak	254	355	7	10600.00	42.58	54.00	-11.42	34.28	8.30	Average	100	26	8	10600.00	55.41	74.00	-18.59	47.11	8.30	Peak	100	26	9	15900.00	42.44	54.00	-11.56	37.12	5.32	Average	100	35	10	15900.00	55.46	74.00	-18.54	50.14	5.32	Peak	100	35
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
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Modulation	be EHT20		Test Freq. (MHz)		5320	
Polarization	Horizontal					
Test By :Brad Wu Temperature(°C):23 Humidity(%):62						
Level (dBuV/m) </						



Modulation	be EHT20	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBUV/m) <			



Modulation	be EHT20	Test Freq. (MHz)	5500
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) </			



Modulation	be EHT20	Test Freq. (MHz)	5580
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			

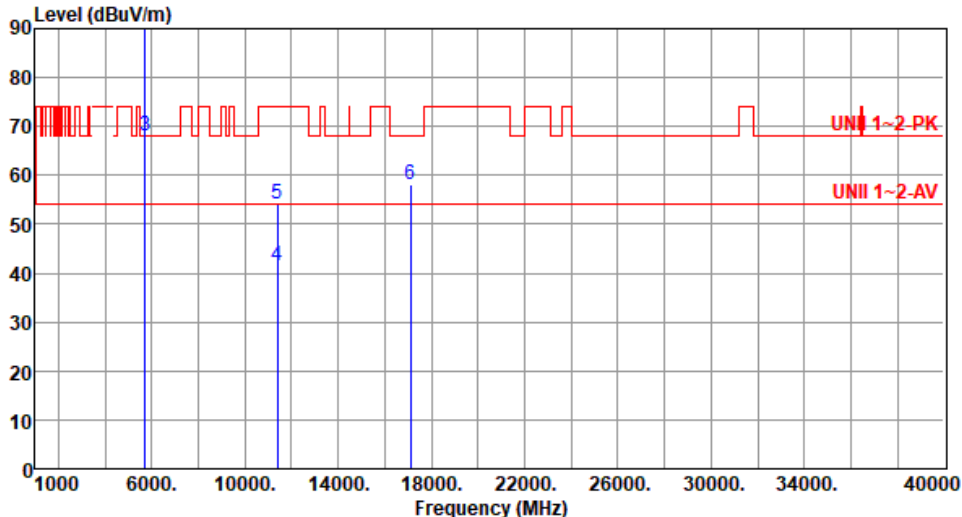


Modulation	be EHT20	Test Freq. (MHz)	5580
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBUV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5700
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5700																																																																						
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Test By :Brad Wu Temperature(°C):23 Humidity(%):62																																																																									
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5700.00</td><td>106.19</td><td></td><td></td><td>105.58</td><td>0.61</td><td>Average</td><td>218</td><td>358</td></tr><tr><td>2</td><td>5700.00</td><td>119.20</td><td></td><td></td><td>118.59</td><td>0.61</td><td>Peak</td><td>218</td><td>358</td></tr><tr><td>3</td><td>5725.00</td><td>68.04</td><td>68.20</td><td>-0.16</td><td>67.41</td><td>0.63</td><td>Peak</td><td>218</td><td>358</td></tr><tr><td>4</td><td>11400.00</td><td>41.64</td><td>54.00</td><td>-12.36</td><td>33.55</td><td>8.09</td><td>Average</td><td>100</td><td>44</td></tr><tr><td>5</td><td>11400.00</td><td>54.29</td><td>74.00</td><td>-19.71</td><td>46.20</td><td>8.09</td><td>Peak</td><td>100</td><td>44</td></tr><tr><td>6</td><td>17100.00</td><td>58.06</td><td>68.20</td><td>-10.14</td><td>51.68</td><td>6.38</td><td>Peak</td><td>100</td><td>31</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5700.00	106.19			105.58	0.61	Average	218	358	2	5700.00	119.20			118.59	0.61	Peak	218	358	3	5725.00	68.04	68.20	-0.16	67.41	0.63	Peak	218	358	4	11400.00	41.64	54.00	-12.36	33.55	8.09	Average	100	44	5	11400.00	54.29	74.00	-19.71	46.20	8.09	Peak	100	44	6	17100.00	58.06	68.20	-10.14	51.68	6.38	Peak	100	31
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Modulation	be EHT20	Test Freq. (MHz)	5720
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBuV/m) </			



Modulation	be EHT20	Test Freq. (MHz)	5720
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):62			
Level (dBUV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5745
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m)			

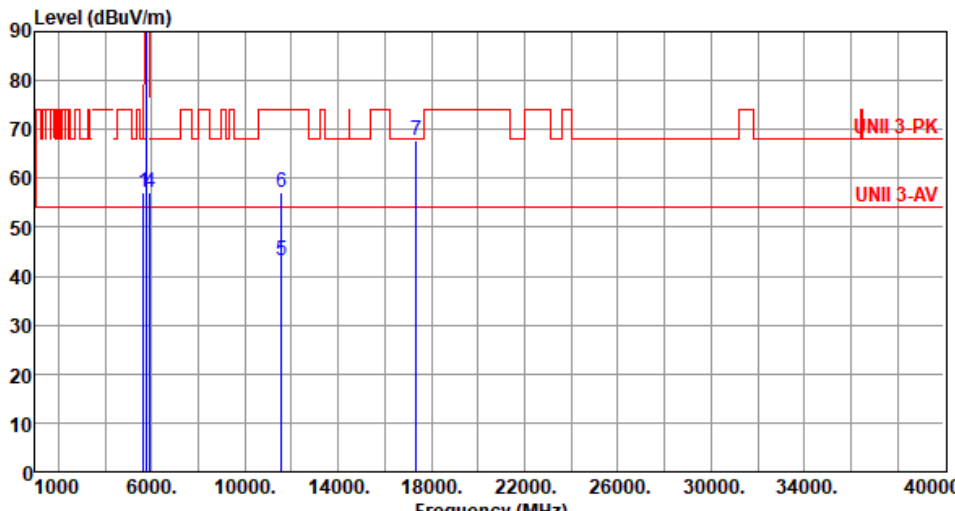


Modulation	be EHT20	Test Freq. (MHz)	5745
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBUV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5785
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBuV/m)			



Modulation	be EHT20	Test Freq. (MHz)	5785																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64																																																																																			
Level (dBuV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5650.00</td><td>57.04</td><td>68.20</td><td>-11.16</td><td>56.76</td><td>0.28</td><td>Peak</td><td>230</td><td>22</td></tr><tr><td>2 *</td><td>5785.00</td><td>109.51</td><td></td><td></td><td>108.77</td><td>0.74</td><td>Average</td><td>230</td><td>22</td></tr><tr><td>3 *</td><td>5785.00</td><td>121.75</td><td></td><td></td><td>121.01</td><td>0.74</td><td>Peak</td><td>230</td><td>22</td></tr><tr><td>4</td><td>5925.00</td><td>57.21</td><td>68.20</td><td>-10.99</td><td>56.20</td><td>1.01</td><td>Peak</td><td>230</td><td>22</td></tr><tr><td>5</td><td>11570.00</td><td>43.28</td><td>54.00</td><td>-10.72</td><td>35.31</td><td>7.97</td><td>Average</td><td>160</td><td>233</td></tr><tr><td>6</td><td>11570.00</td><td>57.13</td><td>74.00</td><td>-16.87</td><td>49.16</td><td>7.97</td><td>Peak</td><td>160</td><td>233</td></tr><tr><td>7</td><td>17355.00</td><td>67.88</td><td>68.20</td><td>-0.32</td><td>61.26</td><td>6.62</td><td>Peak</td><td>199</td><td>85</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	57.04	68.20	-11.16	56.76	0.28	Peak	230	22	2 *	5785.00	109.51			108.77	0.74	Average	230	22	3 *	5785.00	121.75			121.01	0.74	Peak	230	22	4	5925.00	57.21	68.20	-10.99	56.20	1.01	Peak	230	22	5	11570.00	43.28	54.00	-10.72	35.31	7.97	Average	160	233	6	11570.00	57.13	74.00	-16.87	49.16	7.97	Peak	160	233	7	17355.00	67.88	68.20	-0.32	61.26	6.62	Peak	199	85
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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Modulation	be EHT20	Test Freq. (MHz)	5825
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):64			
Level (dBUV/m) </			



Modulation	be EHT20	Test Freq. (MHz)	5825						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):64									
Level (dBUV/m) UNII 3-PK UNII 3-AV Frequency (MHz)									
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	5650.00	57.06	68.20	-11.14	56.78	0.28	Peak	239	23
2 *	5825.00	107.49			106.71	0.78	Average	239	23
3 *	5825.00	120.30			119.52	0.78	Peak	239	23
4	5850.00	85.54	122.20	-36.66	84.76	0.78	Peak	239	23
5	5855.00	78.85	110.80	-31.95	78.04	0.81	Peak	239	23
6	5875.00	69.78	105.20	-35.42	68.89	0.89	Peak	239	23
7	5925.00	57.22	68.20	-10.98	56.21	1.01	Peak	239	23
8	11650.00	43.14	54.00	-10.86	35.63	7.51	Average	156	229
9	11650.00	57.02	74.00	-16.98	49.51	7.51	Peak	156	229
10	17475.00	67.79	68.20	-0.41	60.78	7.01	Peak	203	82

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable 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 be EHT40

Modulation	be EHT40	Test Freq. (MHz)	5190																																																																																
Polarization	Horizontal																																																																																		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61																																																																																			
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>52.06</td><td>54.00</td><td>-1.94</td><td>51.64</td><td>0.42</td><td>Average</td><td>234</td><td>289</td></tr><tr><td>2</td><td>5150.00</td><td>70.68</td><td>74.00</td><td>-3.32</td><td>70.26</td><td>0.42</td><td>Peak</td><td>234</td><td>289</td></tr><tr><td>3 *</td><td>5190.00</td><td>102.95</td><td></td><td></td><td>102.69</td><td>0.26</td><td>Average</td><td>234</td><td>289</td></tr><tr><td>4 *</td><td>5190.00</td><td>116.84</td><td></td><td></td><td>116.58</td><td>0.26</td><td>Peak</td><td>234</td><td>289</td></tr><tr><td>5</td><td>10380.00</td><td>61.04</td><td>68.20</td><td>-7.16</td><td>53.01</td><td>8.03</td><td>Peak</td><td>221</td><td>279</td></tr><tr><td>6</td><td>15570.00</td><td>45.29</td><td>54.00</td><td>-8.71</td><td>39.90</td><td>5.39</td><td>Average</td><td>181</td><td>192</td></tr><tr><td>7</td><td>15570.00</td><td>59.31</td><td>74.00</td><td>-14.69</td><td>53.92</td><td>5.39</td><td>Peak</td><td>181</td><td>192</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	52.06	54.00	-1.94	51.64	0.42	Average	234	289	2	5150.00	70.68	74.00	-3.32	70.26	0.42	Peak	234	289	3 *	5190.00	102.95			102.69	0.26	Average	234	289	4 *	5190.00	116.84			116.58	0.26	Peak	234	289	5	10380.00	61.04	68.20	-7.16	53.01	8.03	Peak	221	279	6	15570.00	45.29	54.00	-8.71	39.90	5.39	Average	181	192	7	15570.00	59.31	74.00	-14.69	53.92	5.39	Peak	181	192
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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5	10380.00	61.04	68.20	-7.16	53.01	8.03	Peak	221	279																																																																										
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable 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	be EHT40	Test Freq. (MHz)	5190
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m) </			



Modulation	be EHT40	Test Freq. (MHz)	5230
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m)			



Modulation	be EHT40	Test Freq. (MHz)	5230
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m) </			



Modulation	be EHT40	Test Freq. (MHz)	5270
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBUV/m) </			



Modulation	be EHT40	Test Freq. (MHz)	5270
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBUV/m)			



Modulation	be EHT40	Test Freq. (MHz)	5310						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):24 Humidity(%):61									
Level (dBuV/m) Frequency (MHz)									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table
		dBuV/m			dBuV			cm	deg
1	*	5310.00	101.92		102.18	-0.26	Average	183	276
2	*	5310.00	115.70		115.96	-0.26	Peak	183	276
3		5350.00	50.94	54.00	51.12	-0.18	Average	183	276
4		5350.00	65.83	74.00	66.01	-0.18	Peak	183	276
5		10620.00	44.54	54.00	36.21	8.33	Average	100	77
6		10620.00	57.68	74.00	49.35	8.33	Peak	100	77
7		15930.00	42.61	54.00	37.31	5.30	Average	100	36
8		15930.00	55.79	74.00	50.49	5.30	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	be EHT40	Test Freq. (MHz)	5310
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m) </			



Modulation	be EHT40	Test Freq. (MHz)	5510
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m) <			



Modulation	be EHT40	Test Freq. (MHz)	5510																																																																																										
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5460.00	47.53	54.00	-6.47	47.40	0.13	Average	219	353																																																																																				
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7	11020.00	54.38	74.00	-19.62	45.83	8.55	Peak	100	55																																																																																				
8	16530.00	57.68	68.20	-10.52	51.01	6.67	Peak	100	76																																																																																				
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable 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	be EHT40	Test Freq. (MHz)	5590						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):24 Humidity(%):61									
Level (dBUV/m) Frequency (MHz)									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.58	54.00	-9.42	44.45	0.13	Average	242	259
2	5460.00	57.16	74.00	-16.84	57.03	0.13	Peak	242	259
3	5470.00	58.26	68.20	-9.94	58.10	0.16	Peak	242	259
4 *	5590.00	101.54			101.38	0.16	Average	242	259
5 *	5590.00	114.98			114.82	0.16	Peak	242	259
6	5725.00	57.22	68.20	-10.98	56.59	0.63	Peak	242	259
7	11180.00	43.26	54.00	-10.74	35.34	7.92	Average	100	291
8	11180.00	56.64	74.00	-17.36	48.72	7.92	Peak	100	291
9	16770.00	57.92	68.20	-10.28	50.95	6.97	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	be EHT40	Test Freq. (MHz)	5590
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m) </			

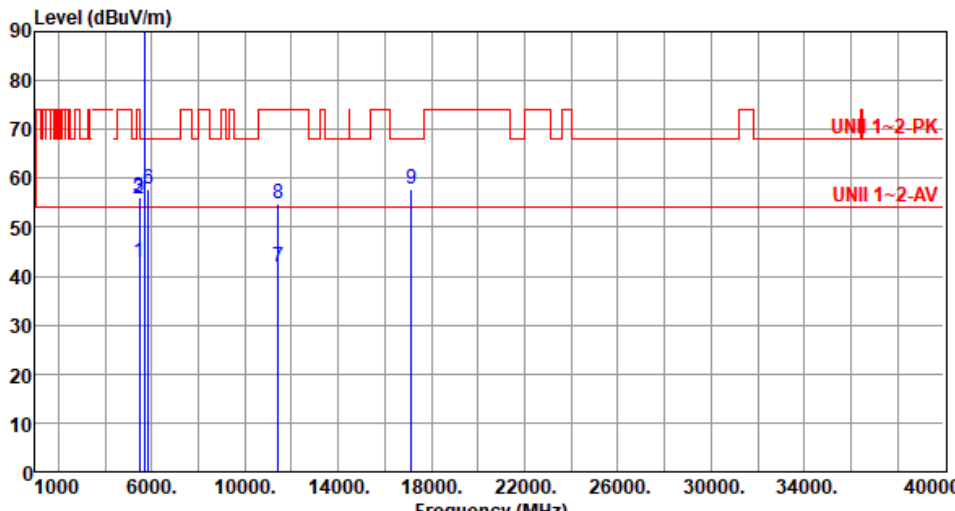


Modulation	be EHT40	Test Freq. (MHz)	5670
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m) </			



Modulation	be EHT40	Test Freq. (MHz)	5670
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m) </			



Modulation	be EHT40	Test Freq. (MHz)	5710																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):61																																																																																																							
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
1	5460.00	42.74	54.00	-11.26	42.61	0.13	Average	241	285																																																																																														
2	5460.00	55.81	74.00	-18.19	55.68	0.13	Peak	241	285																																																																																														
3	5470.00	56.02	68.20	-12.18	55.86	0.16	Peak	241	285																																																																																														
4 *	5710.00	103.86			103.24	0.62	Average	241	285																																																																																														
5 *	5710.00	117.62			117.00	0.62	Peak	241	285																																																																																														
6	5850.00	57.62	68.20	-10.58	56.84	0.78	Peak	241	285																																																																																														
7	11420.00	41.89	54.00	-12.11	33.76	8.13	Average	100	285																																																																																														
8	11420.00	54.65	74.00	-19.35	46.52	8.13	Peak	100	285																																																																																														
9	17130.00	57.84	68.20	-10.36	51.52	6.32	Peak	100	26																																																																																														
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3:"*" is Peak / Average value of fundamental frequency																																																																																																							



Modulation	be EHT40	Test Freq. (MHz)	5710																																																																																																				
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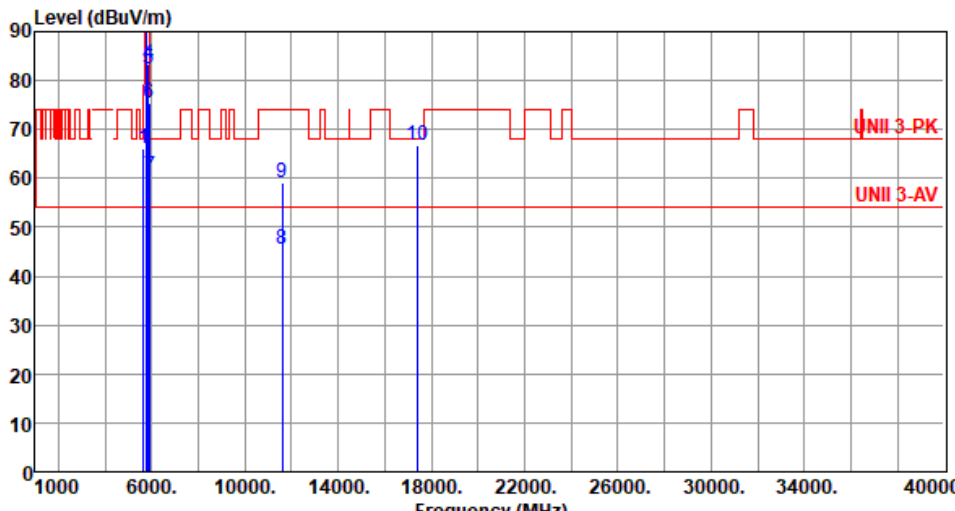


Modulation	be EHT40	Test Freq. (MHz)	5755																																																																																																														
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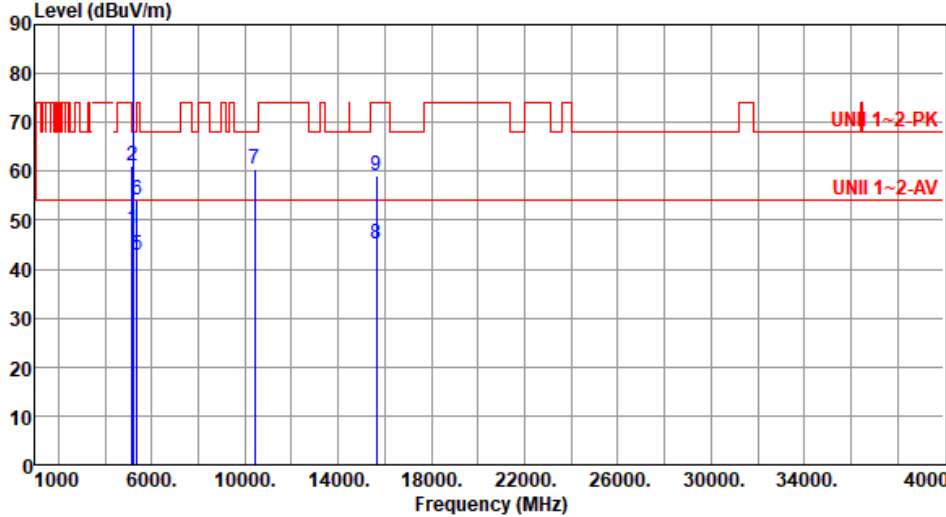
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6	5875.00	75.44	105.20	-29.76	74.55	0.89	Peak	232	280																																																																																																								
7	5925.00	60.50	68.20	-7.70	59.49	1.01	Peak	232	280																																																																																																								
8	11590.00	45.41	54.00	-8.59	37.56	7.85	Average	161	278																																																																																																								
9	11590.00	59.28	74.00	-14.72	51.43	7.85	Peak	161	278																																																																																																								
10	17385.00	66.64	68.20	-1.56	59.89	6.75	Peak	204	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	be EHT40	Test Freq. (MHz)	5795																																																																																																														
Polarization	Vertical																																																																																																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):61																																																																																																																	
Level (dBuV/m) UNII 3-PK UNII 3-AV Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>67.76</td><td>68.20</td><td>-0.44</td><td>67.48</td><td>0.28</td><td>Peak</td><td>240</td><td>340</td></tr><tr><td>2 *</td><td>5795.00</td><td>107.05</td><td></td><td></td><td>106.28</td><td>0.77</td><td>Average</td><td>240</td><td>340</td></tr><tr><td>3 *</td><td>5795.00</td><td>120.27</td><td></td><td></td><td>119.50</td><td>0.77</td><td>Peak</td><td>240</td><td>340</td></tr><tr><td>4</td><td>5850.00</td><td>81.86</td><td>122.20</td><td>-40.34</td><td>81.08</td><td>0.78</td><td>Peak</td><td>240</td><td>340</td></tr><tr><td>5</td><td>5855.00</td><td>76.55</td><td>110.80</td><td>-34.25</td><td>75.74</td><td>0.81</td><td>Peak</td><td>240</td><td>340</td></tr><tr><td>6</td><td>5875.00</td><td>71.92</td><td>105.20</td><td>-33.28</td><td>71.03</td><td>0.89</td><td>Peak</td><td>240</td><td>340</td></tr><tr><td>7</td><td>5925.00</td><td>60.76</td><td>68.20</td><td>-7.44</td><td>59.75</td><td>1.01</td><td>Peak</td><td>240</td><td>340</td></tr><tr><td>8</td><td>11590.00</td><td>42.51</td><td>54.00</td><td>-11.49</td><td>34.66</td><td>7.85</td><td>Average</td><td>100</td><td>24</td></tr><tr><td>9</td><td>11590.00</td><td>55.35</td><td>74.00</td><td>-18.65</td><td>47.50</td><td>7.85</td><td>Peak</td><td>100</td><td>24</td></tr><tr><td>10</td><td>17385.00</td><td>66.08</td><td>68.20</td><td>-2.12</td><td>59.33</td><td>6.75</td><td>Peak</td><td>105</td><td>86</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	67.76	68.20	-0.44	67.48	0.28	Peak	240	340	2 *	5795.00	107.05			106.28	0.77	Average	240	340	3 *	5795.00	120.27			119.50	0.77	Peak	240	340	4	5850.00	81.86	122.20	-40.34	81.08	0.78	Peak	240	340	5	5855.00	76.55	110.80	-34.25	75.74	0.81	Peak	240	340	6	5875.00	71.92	105.20	-33.28	71.03	0.89	Peak	240	340	7	5925.00	60.76	68.20	-7.44	59.75	1.01	Peak	240	340	8	11590.00	42.51	54.00	-11.49	34.66	7.85	Average	100	24	9	11590.00	55.35	74.00	-18.65	47.50	7.85	Peak	100	24	10	17385.00	66.08	68.20	-2.12	59.33	6.75	Peak	105	86
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
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Unwanted Emissions (Above 1GHz) for be EHT80

Modulation	be EHT80	Test Freq. (MHz)	5210																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):61																																																																																																							
Level (dBuV/m)  <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>48.31</td><td>54.00</td><td>-5.69</td><td>47.89</td><td>0.42</td><td>Average</td><td>241</td><td>286</td></tr><tr><td>2</td><td>5150.00</td><td>61.17</td><td>74.00</td><td>-12.83</td><td>60.75</td><td>0.42</td><td>Peak</td><td>241</td><td>286</td></tr><tr><td>3 *</td><td>5210.00</td><td>97.10</td><td></td><td></td><td>96.94</td><td>0.16</td><td>Average</td><td>241</td><td>286</td></tr><tr><td>4 *</td><td>5210.00</td><td>108.40</td><td></td><td></td><td>108.24</td><td>0.16</td><td>Peak</td><td>241</td><td>286</td></tr><tr><td>5</td><td>5350.00</td><td>42.93</td><td>54.00</td><td>-11.07</td><td>43.11</td><td>-0.18</td><td>Average</td><td>241</td><td>286</td></tr><tr><td>6</td><td>5350.00</td><td>54.01</td><td>74.00</td><td>-19.99</td><td>54.19</td><td>-0.18</td><td>Peak</td><td>241</td><td>286</td></tr><tr><td>7</td><td>10420.00</td><td>60.59</td><td>68.20</td><td>-7.61</td><td>52.52</td><td>8.07</td><td>Peak</td><td>100</td><td>38</td></tr><tr><td>8</td><td>15630.00</td><td>45.11</td><td>54.00</td><td>-8.89</td><td>40.00</td><td>5.11</td><td>Average</td><td>100</td><td>86</td></tr><tr><td>9</td><td>15630.00</td><td>59.14</td><td>74.00</td><td>-14.86</td><td>54.03</td><td>5.11</td><td>Peak</td><td>100</td><td>86</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	48.31	54.00	-5.69	47.89	0.42	Average	241	286	2	5150.00	61.17	74.00	-12.83	60.75	0.42	Peak	241	286	3 *	5210.00	97.10			96.94	0.16	Average	241	286	4 *	5210.00	108.40			108.24	0.16	Peak	241	286	5	5350.00	42.93	54.00	-11.07	43.11	-0.18	Average	241	286	6	5350.00	54.01	74.00	-19.99	54.19	-0.18	Peak	241	286	7	10420.00	60.59	68.20	-7.61	52.52	8.07	Peak	100	38	8	15630.00	45.11	54.00	-8.89	40.00	5.11	Average	100	86	9	15630.00	59.14	74.00	-14.86	54.03	5.11	Peak	100	86
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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2	5150.00	61.17	74.00	-12.83	60.75	0.42	Peak	241	286																																																																																														
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Modulation	be EHT80	Test Freq. (MHz)	5210
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBUV/m) </			



Modulation	be EHT80	Test Freq. (MHz)	5290
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBUV/m)			



Modulation	be EHT80	Test Freq. (MHz)	5290																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):61																																																																																																							
Level (dBuV/m) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>43.70</td><td>54.00</td><td>-10.30</td><td>43.28</td><td>0.42</td><td>Average</td><td>232</td><td>349</td></tr><tr><td>2</td><td>5150.00</td><td>54.70</td><td>74.00</td><td>-19.30</td><td>54.28</td><td>0.42</td><td>Peak</td><td>232</td><td>349</td></tr><tr><td>3 *</td><td>5290.00</td><td>98.47</td><td></td><td></td><td>98.71</td><td>-0.24</td><td>Average</td><td>232</td><td>349</td></tr><tr><td>4 *</td><td>5290.00</td><td>110.05</td><td></td><td></td><td>110.29</td><td>-0.24</td><td>Peak</td><td>232</td><td>349</td></tr><tr><td>5</td><td>5350.00</td><td>53.86</td><td>54.00</td><td>-0.14</td><td>54.04</td><td>-0.18</td><td>Average</td><td>232</td><td>349</td></tr><tr><td>6</td><td>5350.00</td><td>67.39</td><td>74.00</td><td>-6.61</td><td>67.57</td><td>-0.18</td><td>Peak</td><td>232</td><td>349</td></tr><tr><td>7</td><td>10580.00</td><td>55.62</td><td>68.20</td><td>-12.58</td><td>47.40</td><td>8.22</td><td>Peak</td><td>100</td><td>91</td></tr><tr><td>8</td><td>15870.00</td><td>42.65</td><td>54.00</td><td>-11.35</td><td>37.43</td><td>5.22</td><td>Average</td><td>100</td><td>52</td></tr><tr><td>9</td><td>15870.00</td><td>55.34</td><td>74.00</td><td>-18.66</td><td>50.12</td><td>5.22</td><td>Peak</td><td>100</td><td>52</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	43.70	54.00	-10.30	43.28	0.42	Average	232	349	2	5150.00	54.70	74.00	-19.30	54.28	0.42	Peak	232	349	3 *	5290.00	98.47			98.71	-0.24	Average	232	349	4 *	5290.00	110.05			110.29	-0.24	Peak	232	349	5	5350.00	53.86	54.00	-0.14	54.04	-0.18	Average	232	349	6	5350.00	67.39	74.00	-6.61	67.57	-0.18	Peak	232	349	7	10580.00	55.62	68.20	-12.58	47.40	8.22	Peak	100	91	8	15870.00	42.65	54.00	-11.35	37.43	5.22	Average	100	52	9	15870.00	55.34	74.00	-18.66	50.12	5.22	Peak	100	52
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable 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	be EHT80	Test Freq. (MHz)	5530
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBuV/m) <			



Modulation	be EHT80	Test Freq. (MHz)	5530
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBuV/m) </			



Modulation	be EHT80	Test Freq. (MHz)	5610																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Roger Lu Temperature(°C):24 Humidity(%):61																																																																																																							
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	be EHT80	Test Freq. (MHz)	5610																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Roger Lu Temperature(°C):24 Humidity(%):61																																																																																																							
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>45.53</td><td>54.00</td><td>-8.47</td><td>45.40</td><td>0.13</td><td>Average</td><td>254</td><td>163</td></tr><tr><td>2</td><td>5460.00</td><td>58.19</td><td>74.00</td><td>-15.81</td><td>58.06</td><td>0.13</td><td>Peak</td><td>254</td><td>163</td></tr><tr><td>3</td><td>5470.00</td><td>59.21</td><td>68.20</td><td>-8.99</td><td>59.05</td><td>0.16</td><td>Peak</td><td>254</td><td>163</td></tr><tr><td>4 *</td><td>5610.00</td><td>101.74</td><td></td><td></td><td>101.56</td><td>0.18</td><td>Average</td><td>254</td><td>163</td></tr><tr><td>5 *</td><td>5610.00</td><td>113.04</td><td></td><td></td><td>112.86</td><td>0.18</td><td>Peak</td><td>254</td><td>163</td></tr><tr><td>6</td><td>5725.00</td><td>64.62</td><td>68.20</td><td>-3.58</td><td>63.99</td><td>0.63</td><td>Peak</td><td>254</td><td>163</td></tr><tr><td>7</td><td>11220.00</td><td>41.59</td><td>54.00</td><td>-12.41</td><td>33.75</td><td>7.84</td><td>Average</td><td>100</td><td>58</td></tr><tr><td>8</td><td>11220.00</td><td>54.18</td><td>74.00</td><td>-19.82</td><td>46.34</td><td>7.84</td><td>Peak</td><td>100</td><td>58</td></tr><tr><td>9</td><td>16830.00</td><td>57.68</td><td>68.20</td><td>-10.52</td><td>50.78</td><td>6.90</td><td>Peak</td><td>100</td><td>66</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	45.53	54.00	-8.47	45.40	0.13	Average	254	163	2	5460.00	58.19	74.00	-15.81	58.06	0.13	Peak	254	163	3	5470.00	59.21	68.20	-8.99	59.05	0.16	Peak	254	163	4 *	5610.00	101.74			101.56	0.18	Average	254	163	5 *	5610.00	113.04			112.86	0.18	Peak	254	163	6	5725.00	64.62	68.20	-3.58	63.99	0.63	Peak	254	163	7	11220.00	41.59	54.00	-12.41	33.75	7.84	Average	100	58	8	11220.00	54.18	74.00	-19.82	46.34	7.84	Peak	100	58	9	16830.00	57.68	68.20	-10.52	50.78	6.90	Peak	100	66
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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8	11220.00	54.18	74.00	-19.82	46.34	7.84	Peak	100	58																																																																																														
9	16830.00	57.68	68.20	-10.52	50.78	6.90	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	be EHT80	Test Freq. (MHz)	5690
Polarization	Horizontal		
Test By :Roger Lu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m)			

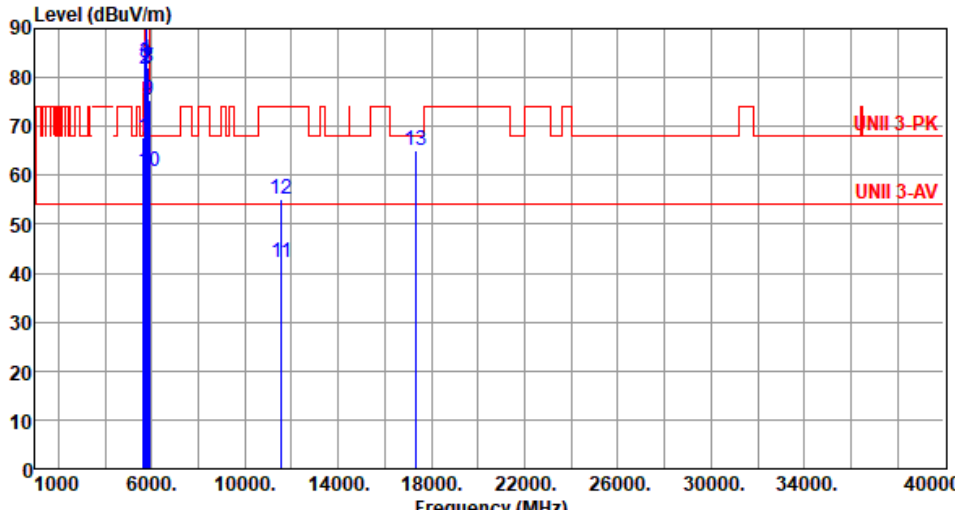


Modulation	be EHT80	Test Freq. (MHz)	5690
Polarization	Vertical		
Test By :Roger Lu Temperature(°C):24 Humidity(%):61			
Level (dBuV/m)			



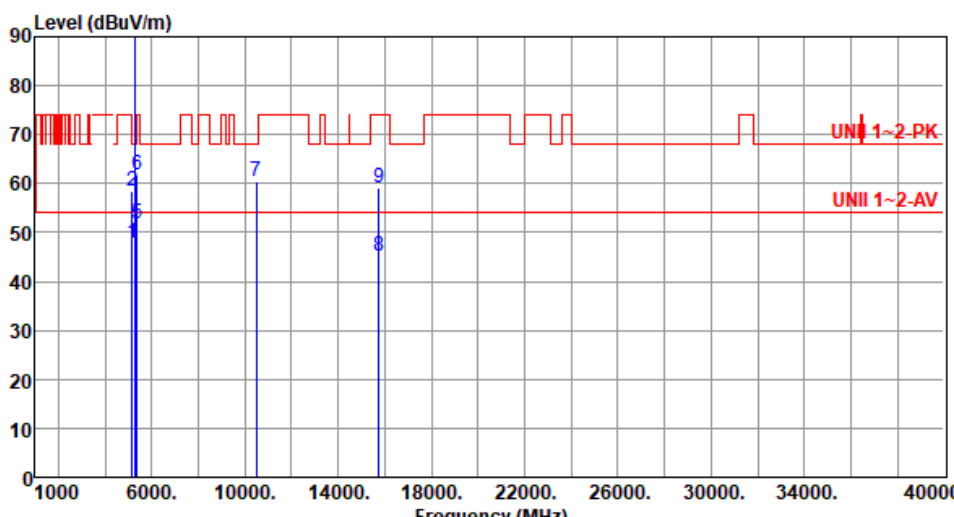
Modulation	be EHT80	Test Freq. (MHz)	5775
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):22 Humidity(%):61			
Level (dBUV/m) </			



Modulation	be EHT80	Test Freq. (MHz)	5775						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):22 Humidity(%):61									
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.90	68.20	-0.30	67.62	0.28	Peak	183	22
2	5700.00	81.67	105.20	-23.53	81.06	0.61	Peak	183	22
3	5720.00	83.18	110.80	-27.62	82.56	0.62	Peak	183	22
4	5725.00	83.67	122.20	-38.53	83.04	0.63	Peak	183	22
5 *	5775.00	102.97			102.26	0.71	Average	183	22
6 *	5775.00	115.06			114.35	0.71	Peak	183	22
7	5850.00	82.13	122.20	-40.07	81.35	0.78	Peak	183	22
8	5855.00	81.92	110.80	-28.88	81.11	0.81	Peak	183	22
9	5875.00	75.25	105.20	-29.95	74.36	0.89	Peak	183	22
10	5925.00	60.61	68.20	-7.59	59.60	1.01	Peak	183	22
11	11550.00	42.04	54.00	-11.96	33.95	8.09	Average	100	28
12	11550.00	54.98	74.00	-19.02	46.89	8.09	Peak	100	28
13	17325.00	65.12	68.20	-3.08	58.67	6.45	Peak	100	77

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable 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 be EHT160

Modulation	be EHT160	Test Freq. (MHz)	5250																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Roger Lu Temperature(°C):24 Humidity(%):61																																																																																																							
Level (dBuV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>47.98</td><td>54.00</td><td>-6.02</td><td>47.56</td><td>0.42</td><td>Average</td><td>246</td><td>288</td></tr><tr><td>2</td><td>5150.00</td><td>58.37</td><td>74.00</td><td>-15.63</td><td>57.95</td><td>0.42</td><td>Peak</td><td>246</td><td>288</td></tr><tr><td>3 *</td><td>5250.00</td><td>93.37</td><td></td><td></td><td>93.45</td><td>-0.08</td><td>Average</td><td>246</td><td>288</td></tr><tr><td>4 *</td><td>5250.00</td><td>104.57</td><td></td><td></td><td>104.65</td><td>-0.08</td><td>Peak</td><td>246</td><td>288</td></tr><tr><td>5</td><td>5350.00</td><td>51.87</td><td>54.00</td><td>-2.13</td><td>52.05</td><td>-0.18</td><td>Average</td><td>246</td><td>288</td></tr><tr><td>6</td><td>5350.00</td><td>61.70</td><td>74.00</td><td>-12.30</td><td>61.88</td><td>-0.18</td><td>Peak</td><td>246</td><td>288</td></tr><tr><td>7</td><td>10500.00</td><td>60.48</td><td>68.20</td><td>-7.72</td><td>52.36</td><td>8.12</td><td>Peak</td><td>100</td><td>42</td></tr><tr><td>8</td><td>15750.00</td><td>45.04</td><td>54.00</td><td>-8.96</td><td>39.50</td><td>5.54</td><td>Average</td><td>100</td><td>89</td></tr><tr><td>9</td><td>15750.00</td><td>59.03</td><td>74.00</td><td>-14.97</td><td>53.49</td><td>5.54</td><td>Peak</td><td>100</td><td>89</td></tr></tbody></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3:"*" is Peak / Average value of fundamental frequency					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	47.98	54.00	-6.02	47.56	0.42	Average	246	288	2	5150.00	58.37	74.00	-15.63	57.95	0.42	Peak	246	288	3 *	5250.00	93.37			93.45	-0.08	Average	246	288	4 *	5250.00	104.57			104.65	-0.08	Peak	246	288	5	5350.00	51.87	54.00	-2.13	52.05	-0.18	Average	246	288	6	5350.00	61.70	74.00	-12.30	61.88	-0.18	Peak	246	288	7	10500.00	60.48	68.20	-7.72	52.36	8.12	Peak	100	42	8	15750.00	45.04	54.00	-8.96	39.50	5.54	Average	100	89	9	15750.00	59.03	74.00	-14.97	53.49	5.54	Peak	100	89
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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9	15750.00	59.03	74.00	-14.97	53.49	5.54	Peak	100	89																																																																																														



Modulation	be EHT160	Test Freq. (MHz)	5250																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Roger Lu Temperature(°C):24 Humidity(%):61																																																																																																							
Level (dBuV/m) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>50.21</td><td>54.00</td><td>-3.79</td><td>49.79</td><td>0.42</td><td>Average</td><td>250</td><td>345</td></tr><tr><td>2</td><td>5150.00</td><td>61.16</td><td>74.00</td><td>-12.84</td><td>60.74</td><td>0.42</td><td>Peak</td><td>250</td><td>345</td></tr><tr><td>3 *</td><td>5250.00</td><td>96.16</td><td></td><td></td><td>96.24</td><td>-0.08</td><td>Average</td><td>250</td><td>345</td></tr><tr><td>4 *</td><td>5250.00</td><td>107.42</td><td></td><td></td><td>107.50</td><td>-0.08</td><td>Peak</td><td>250</td><td>345</td></tr><tr><td>5</td><td>5350.00</td><td>53.62</td><td>54.00</td><td>-0.38</td><td>53.80</td><td>-0.18</td><td>Average</td><td>250</td><td>345</td></tr><tr><td>6</td><td>5350.00</td><td>64.59</td><td>74.00</td><td>-9.41</td><td>64.77</td><td>-0.18</td><td>Peak</td><td>250</td><td>345</td></tr><tr><td>7</td><td>10500.00</td><td>59.75</td><td>68.20</td><td>-8.45</td><td>51.63</td><td>8.12</td><td>Peak</td><td>100</td><td>41</td></tr><tr><td>8</td><td>15750.00</td><td>44.24</td><td>54.00</td><td>-9.76</td><td>38.70</td><td>5.54</td><td>Average</td><td>100</td><td>39</td></tr><tr><td>9</td><td>15750.00</td><td>58.62</td><td>74.00</td><td>-15.38</td><td>53.08</td><td>5.54</td><td>Peak</td><td>100</td><td>39</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	50.21	54.00	-3.79	49.79	0.42	Average	250	345	2	5150.00	61.16	74.00	-12.84	60.74	0.42	Peak	250	345	3 *	5250.00	96.16			96.24	-0.08	Average	250	345	4 *	5250.00	107.42			107.50	-0.08	Peak	250	345	5	5350.00	53.62	54.00	-0.38	53.80	-0.18	Average	250	345	6	5350.00	64.59	74.00	-9.41	64.77	-0.18	Peak	250	345	7	10500.00	59.75	68.20	-8.45	51.63	8.12	Peak	100	41	8	15750.00	44.24	54.00	-9.76	38.70	5.54	Average	100	39	9	15750.00	58.62	74.00	-15.38	53.08	5.54	Peak	100	39
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	be EHT160	Test Freq. (MHz)	5570																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Roger Lu Temperature(°C):24 Humidity(%):61																																																																																																							
Level (dBUV/m) 90 80 70 60 50 40 30 20 10 0 1000 6000. 10000. 14000. 18000. 22000. 26000. 30000. 34000. 40000 Frequency (MHz) UNII 1~2-PK UNII 1~2-AV <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>51.78</td><td>54.00</td><td>-2.22</td><td>51.65</td><td>0.13</td><td>Average</td><td>175</td><td>259</td></tr><tr><td>2</td><td>5460.00</td><td>61.62</td><td>74.00</td><td>-12.38</td><td>61.49</td><td>0.13</td><td>Peak</td><td>175</td><td>259</td></tr><tr><td>3</td><td>5470.00</td><td>63.37</td><td>68.20</td><td>-4.83</td><td>63.21</td><td>0.16</td><td>Peak</td><td>175</td><td>259</td></tr><tr><td>4 *</td><td>5570.00</td><td>92.22</td><td></td><td></td><td>92.02</td><td>0.20</td><td>Average</td><td>175</td><td>259</td></tr><tr><td>5 *</td><td>5570.00</td><td>103.65</td><td></td><td></td><td>103.45</td><td>0.20</td><td>Peak</td><td>175</td><td>259</td></tr><tr><td>6</td><td>5725.00</td><td>61.57</td><td>68.20</td><td>-6.63</td><td>60.94</td><td>0.63</td><td>Peak</td><td>175</td><td>259</td></tr><tr><td>7</td><td>11140.00</td><td>43.05</td><td>54.00</td><td>-10.95</td><td>34.96</td><td>8.09</td><td>Average</td><td>100</td><td>286</td></tr><tr><td>8</td><td>11140.00</td><td>56.48</td><td>74.00</td><td>-17.52</td><td>48.39</td><td>8.09</td><td>Peak</td><td>100</td><td>286</td></tr><tr><td>9</td><td>16710.00</td><td>57.82</td><td>68.20</td><td>-10.38</td><td>50.93</td><td>6.89</td><td>Peak</td><td>100</td><td>44</td></tr></tbody></table> Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: "*" is Peak / Average value of fundamental frequency					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	51.78	54.00	-2.22	51.65	0.13	Average	175	259	2	5460.00	61.62	74.00	-12.38	61.49	0.13	Peak	175	259	3	5470.00	63.37	68.20	-4.83	63.21	0.16	Peak	175	259	4 *	5570.00	92.22			92.02	0.20	Average	175	259	5 *	5570.00	103.65			103.45	0.20	Peak	175	259	6	5725.00	61.57	68.20	-6.63	60.94	0.63	Peak	175	259	7	11140.00	43.05	54.00	-10.95	34.96	8.09	Average	100	286	8	11140.00	56.48	74.00	-17.52	48.39	8.09	Peak	100	286	9	16710.00	57.82	68.20	-10.38	50.93	6.89	Peak	100	44
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7	11140.00	43.05	54.00	-10.95	34.96	8.09	Average	100	286																																																																																														
8	11140.00	56.48	74.00	-17.52	48.39	8.09	Peak	100	286																																																																																														
9	16710.00	57.82	68.20	-10.38	50.93	6.89	Peak	100	44																																																																																														



Modulation	be EHT160	Test Freq. (MHz)	5570						
Polarization	Vertical								
Test By :Roger Lu Temperature(°C):24 Humidity(%):61									
Level (dBuV/m) Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	53.58	54.00	-0.42	53.45	0.13	Average	257	172
2	5460.00	64.68	74.00	-9.32	64.55	0.13	Peak	257	172
3	5470.00	65.74	68.20	-2.46	65.58	0.16	Peak	257	172
4 *	5570.00	94.34			94.14	0.20	Average	257	172
5 *	5570.00	105.83			105.63	0.20	Peak	257	172
6	5725.00	63.44	68.20	-4.76	62.81	0.63	Peak	257	172
7	11140.00	41.45	54.00	-12.55	33.36	8.09	Average	100	76
8	11140.00	54.12	74.00	-19.88	46.03	8.09	Peak	100	76
9	16710.00	57.55	68.20	-10.65	50.66	6.89	Peak	100	58

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



Frequency: 5300 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	1.98	2.31	2.06	2.28
T20°C Vmin	2.00	2.02	2.39	2.20
T40°C Vnom	-7.08	-6.80	-7.16	-7.17
T30°C Vnom	-3.05	-3.02	-2.69	-2.88
T20°C Vnom	1.99	2.05	1.88	1.73
T10°C Vnom	7.34	7.80	7.88	7.34
T0°C Vnom	11.80	11.61	12.14	12.57
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 40		Tmin [°C]: 0	

Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°C Vmax	2.11	2.34	2.58	2.03
T20°C Vmin	2.24	2.68	2.36	2.80
T40°C Vnom	-6.24	-6.99	-6.02	-5.71
T30°C Vnom	-2.85	-1.82	-2.46	-3.28
T20°C Vnom	3.54	2.79	3.75	3.90
T10°C Vnom	7.92	7.10	7.81	8.16
T0°C Vnom	11.04	11.32	11.16	11.48
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 40		Tmin [°C]: 0	

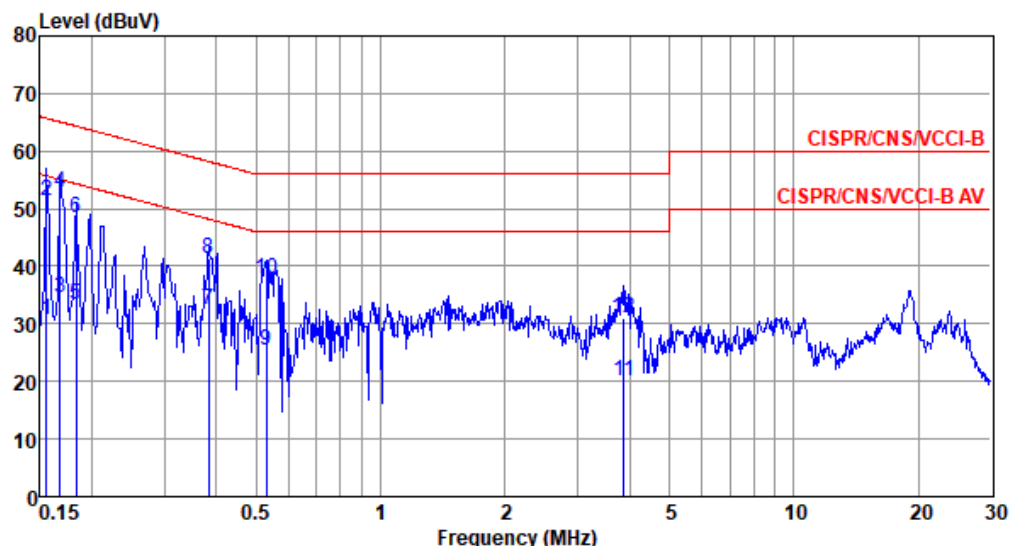


Modulation Mode	be EHT20	Test Freq. (MHz)	5240
Power Phase	Line		

Test by : Sean Yu

Temperature: 26°C

Humidity: 61%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.156	30.79	55.69	-24.90	20.84	9.65	0.08	0.22	Average
2	0.156	51.29	65.69	-14.40	41.34	9.65	0.08	0.22	QP
3	0.168	34.57	55.08	-20.51	24.61	9.65	0.08	0.23	Average
4*	0.168	52.99	65.08	-12.09	43.03	9.65	0.08	0.23	QP
5	0.183	33.38	54.33	-20.95	23.40	9.65	0.08	0.25	Average
6	0.183	48.43	64.33	-15.90	38.45	9.65	0.08	0.25	QP
7	0.383	32.61	48.21	-15.60	22.56	9.64	0.09	0.32	Average
8	0.383	41.44	58.21	-16.77	31.39	9.64	0.09	0.32	QP
9	0.529	25.25	46.00	-20.75	15.18	9.64	0.09	0.34	Average
10	0.529	37.92	56.00	-18.08	27.85	9.64	0.09	0.34	QP
11	3.881	20.22	46.00	-25.78	9.85	9.67	0.22	0.48	Average
12	3.881	30.95	56.00	-25.05	20.58	9.67	0.22	0.48	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).



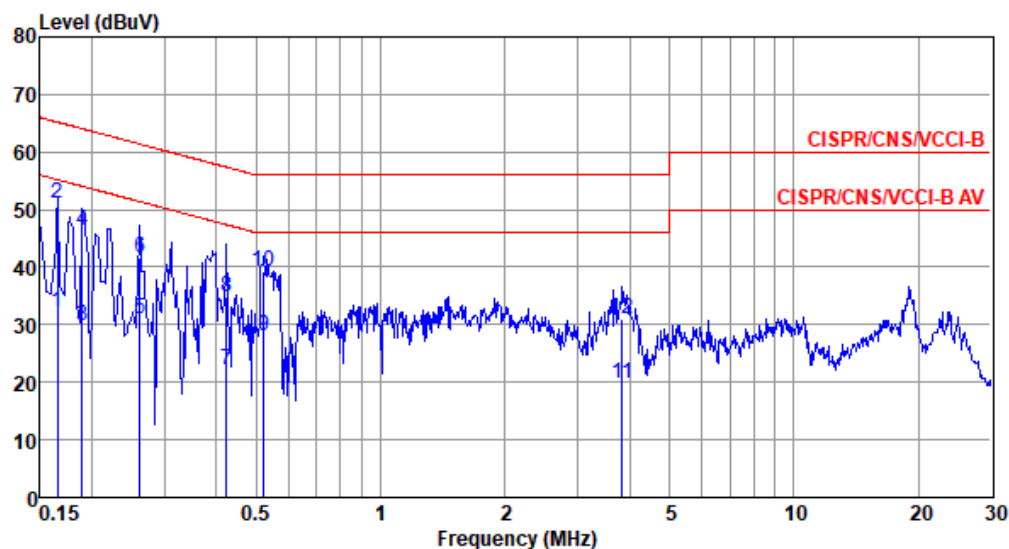
Modulation Mode	be EHT20	Test Freq. (MHz)	5240																																																																																																																																		
Power Phase	Neutral																																																																																																																																				
Test by : Sean Yu Temperature: 26°C Humidity: 61%																																																																																																																																					
Level (dBuV) Frequency (MHz) <table><tr><th></th><th>Freq MHz</th><th>Level dBuV</th><th>Limit Line dBuV</th><th>Over Limit dB</th><th>Read Level dBuV</th><th>Factor dB</th><th>Cable loss dB</th><th>Aux dB</th><th>Remark</th></tr><tr><td>1</td><td>0.156</td><td>29.16</td><td>55.69</td><td>-26.53</td><td>19.27</td><td>9.66</td><td>0.08</td><td>0.15</td><td>Average</td></tr><tr><td>2</td><td>0.156</td><td>50.90</td><td>65.69</td><td>-14.79</td><td>41.01</td><td>9.66</td><td>0.08</td><td>0.15</td><td>QP</td></tr><tr><td>3</td><td>0.168</td><td>33.09</td><td>55.08</td><td>-21.99</td><td>23.19</td><td>9.66</td><td>0.08</td><td>0.16</td><td>Average</td></tr><tr><td>4*</td><td>0.168</td><td>52.76</td><td>65.08</td><td>-12.32</td><td>42.86</td><td>9.66</td><td>0.08</td><td>0.16</td><td>QP</td></tr><tr><td>5</td><td>0.183</td><td>31.37</td><td>54.33</td><td>-22.96</td><td>21.46</td><td>9.65</td><td>0.08</td><td>0.18</td><td>Average</td></tr><tr><td>6</td><td>0.183</td><td>48.00</td><td>64.33</td><td>-16.33</td><td>38.09</td><td>9.65</td><td>0.08</td><td>0.18</td><td>QP</td></tr><tr><td>7</td><td>0.393</td><td>27.67</td><td>47.99</td><td>-20.32</td><td>17.68</td><td>9.64</td><td>0.09</td><td>0.26</td><td>Average</td></tr><tr><td>8</td><td>0.393</td><td>37.64</td><td>57.99</td><td>-20.35</td><td>27.65</td><td>9.64</td><td>0.09</td><td>0.26</td><td>QP</td></tr><tr><td>9</td><td>0.538</td><td>20.10</td><td>46.00</td><td>-25.90</td><td>10.08</td><td>9.64</td><td>0.09</td><td>0.29</td><td>Average</td></tr><tr><td>10</td><td>0.538</td><td>35.13</td><td>56.00</td><td>-20.87</td><td>25.11</td><td>9.64</td><td>0.09</td><td>0.29</td><td>QP</td></tr><tr><td>11</td><td>3.881</td><td>22.41</td><td>46.00</td><td>-23.59</td><td>12.04</td><td>9.68</td><td>0.22</td><td>0.47</td><td>Average</td></tr><tr><td>12</td><td>3.881</td><td>33.02</td><td>56.00</td><td>-22.98</td><td>22.65</td><td>9.68</td><td>0.22</td><td>0.47</td><td>QP</td></tr></table>					Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark	1	0.156	29.16	55.69	-26.53	19.27	9.66	0.08	0.15	Average	2	0.156	50.90	65.69	-14.79	41.01	9.66	0.08	0.15	QP	3	0.168	33.09	55.08	-21.99	23.19	9.66	0.08	0.16	Average	4*	0.168	52.76	65.08	-12.32	42.86	9.66	0.08	0.16	QP	5	0.183	31.37	54.33	-22.96	21.46	9.65	0.08	0.18	Average	6	0.183	48.00	64.33	-16.33	38.09	9.65	0.08	0.18	QP	7	0.393	27.67	47.99	-20.32	17.68	9.64	0.09	0.26	Average	8	0.393	37.64	57.99	-20.35	27.65	9.64	0.09	0.26	QP	9	0.538	20.10	46.00	-25.90	10.08	9.64	0.09	0.29	Average	10	0.538	35.13	56.00	-20.87	25.11	9.64	0.09	0.29	QP	11	3.881	22.41	46.00	-23.59	12.04	9.68	0.22	0.47	Average	12	3.881	33.02	56.00	-22.98	22.65	9.68	0.22	0.47	QP
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark																																																																																																																												
1	0.156	29.16	55.69	-26.53	19.27	9.66	0.08	0.15	Average																																																																																																																												
2	0.156	50.90	65.69	-14.79	41.01	9.66	0.08	0.15	QP																																																																																																																												
3	0.168	33.09	55.08	-21.99	23.19	9.66	0.08	0.16	Average																																																																																																																												
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8	0.393	37.64	57.99	-20.35	27.65	9.64	0.09	0.26	QP																																																																																																																												
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10	0.538	35.13	56.00	-20.87	25.11	9.64	0.09	0.29	QP																																																																																																																												
11	3.881	22.41	46.00	-23.59	12.04	9.68	0.22	0.47	Average																																																																																																																												
12	3.881	33.02	56.00	-22.98	22.65	9.68	0.22	0.47	QP																																																																																																																												
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB). 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).																																																																																																																																					

Modulation Mode	be EHT40	Test Freq. (MHz)	5795
Power Phase	Line		

Test by : Sean Yu

Temperature: 26°C

Humidity: 61%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.165	32.23	55.21	-22.98	22.27	9.65	0.08	0.23	Average
2*	0.165	51.15	65.21	-14.06	41.19	9.65	0.08	0.23	QP
3	0.189	29.76	54.06	-24.30	19.78	9.65	0.08	0.25	Average
4	0.189	46.32	64.06	-17.74	36.34	9.65	0.08	0.25	QP
5	0.262	31.12	51.38	-20.26	21.11	9.65	0.08	0.28	Average
6	0.262	41.58	61.38	-19.80	31.57	9.65	0.08	0.28	QP
7	0.424	22.06	47.37	-25.31	12.01	9.64	0.09	0.32	Average
8	0.424	34.73	57.37	-22.64	24.68	9.64	0.09	0.32	QP
9	0.521	27.99	46.00	-18.01	17.92	9.64	0.09	0.34	Average
10	0.521	39.28	56.00	-16.72	29.21	9.64	0.09	0.34	QP
11	3.840	19.65	46.00	-26.35	9.28	9.67	0.22	0.48	Average
12	3.840	30.99	56.00	-25.01	20.62	9.67	0.22	0.48	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

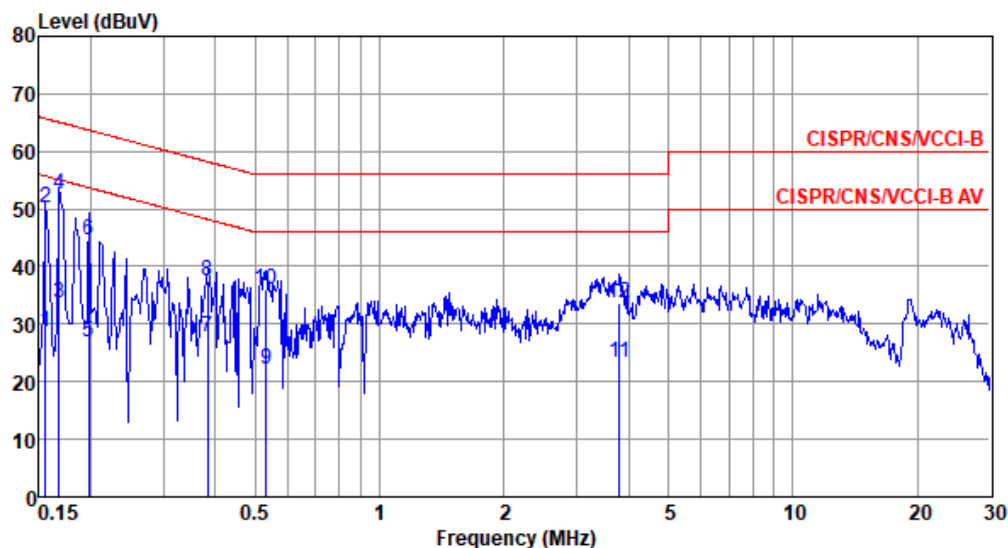
2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).

Modulation Mode	be EHT40	Test Freq. (MHz)	5795
Power Phase	Neutral		

Test by : Sean Yu

Temperature: 26°C

Humidity: 61%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.156	28.74	55.69	-26.95	18.85	9.66	0.08	0.15	Average
2	0.156	50.08	65.69	-15.61	40.19	9.66	0.08	0.15	QP
3	0.168	33.59	55.08	-21.49	23.69	9.66	0.08	0.16	Average
4*	0.168	52.45	65.08	-12.63	42.55	9.66	0.08	0.16	QP
5	0.198	26.97	53.71	-26.74	17.04	9.65	0.08	0.20	Average
6	0.198	44.53	63.71	-19.18	34.60	9.65	0.08	0.20	QP
7	0.383	27.86	48.21	-20.35	17.87	9.64	0.09	0.26	Average
8	0.383	37.47	58.21	-20.74	27.48	9.64	0.09	0.26	QP
9	0.532	22.14	46.00	-23.86	12.12	9.64	0.09	0.29	Average
10	0.532	35.88	56.00	-20.12	25.86	9.64	0.09	0.29	QP
11	3.799	23.36	46.00	-22.64	12.99	9.68	0.22	0.47	Average
12	3.799	33.59	56.00	-22.41	23.22	9.68	0.22	0.47	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).