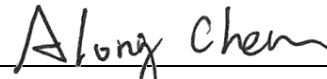


FCC Test Report

FCC ID : HDC-17600085
Equipment : WiFi 7 2.5G Router
Model No. : SDG-8712, SDG-8712v
(Please refer to section 1.1.1 for more details)
Brand Name : Adtran
Applicant : Adtran
Address : 901 Explorer Boulevard, Huntsville, Alabama,
United States, 35806-2807
Standard : 47 CFR FCC Part 15.407
Received Date : Dec. 02, 2025
Tested Date : Dec. 02, 2025 ~ Jan. 07, 2026

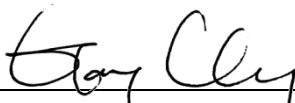
We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:



Along Chen / Manager

Approved by:



Gary Chang / Manager

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Appendix E. Frequency Stability		
Appendix F. AC Power Line Conducted Emissions		

Release Record

Report No.	Version	Description	Issued Date
FR5D0301AN	Rev. 01	Initial issue	Feb. 24, 2026

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.153MHz 56.26 (Margin -9.56dB) - QP	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 5149.80MHz 53.88(Margin -0.12dB) - AV	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	Conducted Output Power	Max Power [dBm]: Non-beamforming mode 5150~5250MHz: 29.76 5250~5350MHz: 23.83 5470~5725MHz: 23.90 5725~5850MHz: 29.84 Beamforming mode 5150~5250MHz: 29.38 5250~5350MHz: 23.80 5470~5725MHz: 23.82 5725~5850MHz: 29.54	Pass
15.407(a)	Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:

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

Comments and Explanations:

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

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
Adtran	SDG-8712	WiFi 7 2.5G Router	w/o VoIP
	SDG-8712v		with VoIP

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	5	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]	5	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]	5	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]	5	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]	5	MCS 0-11 MCS 0-11 MCS 0-13
Note: OFDM- BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation.					

1.1.3 Antenna Details

Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
			2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
ANT1	PIFA	UFL	1.43	3.03	3.98	3.6	3.54
ANT2	PIFA	UFL	0.71	2.71	3.53	3.3	4.01
ANT3	PIFA	UFL	2.83	3.07	2.88	3.83	4.05
ANT4	PIFA	UFL	1.62	2.93	3.07	3.52	4.9
Single 5G	PIFA	UFL	-	1.59	2.04	2.95	2.41
DFS	PIFA	UFL	-	4	4.1	4.5	4.3

1.1.4 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

1.1.5 Accessories

Accessories		
No.	Equipment	Description
1	AC adapter	Brand: MOSO Model: V30-V3000R120-036T0-US (US plug) I/P: 100-240Vac, 50/60Hz, 1.0A O/P: 12V=3.0A, 36.0W Power Line: DC 2m non-shielded without core
2	AC adapter	Brand: FRECOM Model: F36L7-120300SPACP (interchangeable AC plug) I/P: 100-240Vac, 50/60Hz, 0.9A O/P: 12V=3.0A, 36.0W Power Line: DC 1.2m non-shielded without core
3	AC adapter	Brand: MASS POWER Model: S042-1B120300VU-H (US plug) I/P: 100-240Vac, 50/60Hz, 1.0A O/P: 12Vdc, 3.0A, 36.0W Power Line: DC 1.8m non-shielded without core
4	RJ45 cable	2m non-shielded without core
5	wall mount kit	---

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 / 11ax 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	Non-beamforming: QATool_Dbg, V0.0.2.106 Beamforming: Putty, V0.78.0.0				
Duty Cycle and Duty Factor	Mode	Non-beamforming		Beamforming	
		Duty cycle (%)	Duty factor (dB)	Duty cycle (%)	Duty factor (dB)
	11a	98.96%	0.05	---	---
	be EHT20	98.80%	0.05	99.63%	0.02
	be EHT40	99.40%	0.03	98.47%	0.07
	be EHT80	97.02%	0.13	97.14%	0.13
	be EHT160	93.59%	0.29	92.25%	0.35

1.1.8 Power Index of Test Tool

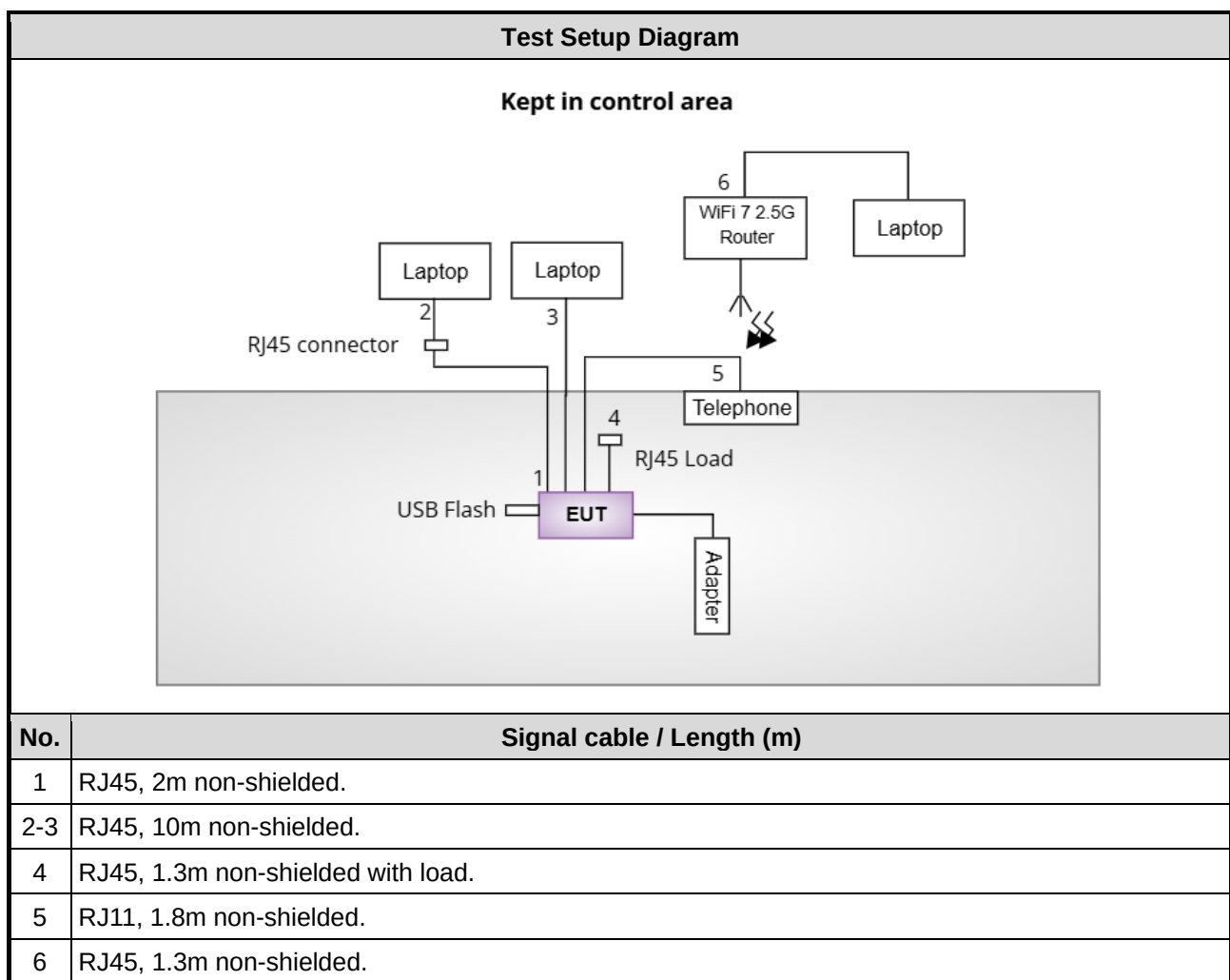
Modulation Mode	Test Frequency (MHz)	Power Index	
		Non-Beamforming	Beamforming
11a	5180	18.5	---
11a	5200	19.5	---
11a	5240	19.5	---
11a	5260	13.5	---
11a	5300	13.5	---
11a	5320	13.5	---
11a	5500	14	---
11a	5580	14	---
11a	5700	14	---
11a	5745	20.5	---
11a	5785	20.5	---
11a	5825	20.5	---
be EHT20	5180	17	33
be EHT20	5200	19.5	39
be EHT20	5240	20	40
be EHT20	5260	14	29
be EHT20	5300	14	29
be EHT20	5320	14	30
be EHT20	5500	14.5	31
be EHT20	5580	14.5	31
be EHT20	5680	14.5	28
be EHT20	5700	13.5	24
be EHT20	5745	20	41
be EHT20	5785	20	41
be EHT20	5825	20	41

Modulation Mode	Test Frequency (MHz)	Power Index	
		Non-Beamforming	Beamforming
be EHT40	5190	15	29
be EHT40	5230	18	37
be EHT40	5270	13.5	28
be EHT40	5310	13.5	28
be EHT40	5510	14	30
be EHT40	5590	14	29
be EHT40	5670	14	29
be EHT40	5755	19.5	39
be EHT40	5795	19.5	38
be EHT80	5210	14	25
be EHT80	5290	12.5	25
be EHT80	5530	14	29
be EHT80	5610	14	29
be EHT80	5775	17	34
be EHT160	5250	12.5	26
be EHT160	5570	13.5	26

Modulation Mode	Test Frequency (MHz)	Power Index	
		Non-Beamforming	Beamforming
11a	5720	14	---
be EHT20	5720	14	30
be EHT40	5710	14	29
be EHT80	5690	14	29

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Telephone	HTT	HTT-806	---	---
2	RJ45 Load	ICC	--	---	---
3	RJ45 connector	ICC	--	---	---
4	USB Flash	Kingston (USB 3.2)	DTKN128GB	---	---
5	WiFi 7 2.5G Router	Adtran	SDG-8712	---	Provided by applicant.
6	Laptop	DELL	Latitude E5470	DoC	---
7	Laptop	DELL	Latitude 5440	DoC	---
8	Laptop	DELL	Latitude 5400	DoC	---



1.3 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Dec. 02 ~ Dec. 26, 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	101498	Nov. 06, 2025	Nov. 05, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2025	Nov. 16, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Sep. 05, 2025	Sep. 04, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1095	Sep. 03, 2025	Sep. 02, 2026
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 28, 2025	Nov. 27, 2026
Preamplifier	EMC	EMC02325	980225	Jun. 13, 2025	Jun. 12, 2026
Preamplifier	EMC	EMC118A45SE	980898	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 01, 2025	Sep. 30, 2026
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 01, 2025	Sep. 30, 2026
LF cable 11M	EMC	EMCCFD400-NW-N W-11000	200801	Oct. 01, 2025	Sep. 30, 2026
LF cable 1M	EMC	EMCCFD400-NM-N M-1000	160502	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M- 8000	210920	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M- 3000	210922	Oct. 01, 2025	Sep. 30, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 01, 2025	Sep. 30, 2026
Attenuator	Pasternack	PE7005-10	10-1	Oct. 01, 2025	Sep. 30, 2026
HIGHPASS FILTER 7.5-18G	STI	STI15-9722	STI-HP7.5G-A	Oct. 01, 2025	Sep. 30, 2026
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	Jan. 07, 2026				
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. 07, 2025	May. 06, 2026
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Mar. 21, 2025	Mar. 20, 2026
RF Cable-CON	EMC	EMCCFD300-BM-B M-6000	50821	Oct. 07, 2025	Oct. 06, 2026
50 ohm terminal	NA	50	3	Jul. 30, 2025	Jul. 29, 2026
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	Dec. 04 ~ Dec. 25, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 09, 2025	Jun. 08, 2026
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2025	Nov. 20, 2026
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2025	Nov. 20, 2026
Attenuator	Pasternack	PE7005-10	10-2	Oct. 03, 2025	Oct. 02, 2026
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 26, 2025	Jun. 25, 2026
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 27, 2024	Dec. 26, 2025
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 26, 2025	Jun. 25, 2026
Measurement Software	Sporton	SENSE-15407_NII	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.4 Test Standards

47 CFR FCC Part 15.407

ANSI C63.10-2020

ANSI C63.4-2014 + C63.4a-2017

1.5 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

1.6 Deviation from Test Standard and Measurement Procedure

None

1.7 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	± 4.32 dB
Unwanted Emission > 1 GHz	± 4.90 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, 03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Non-beamforming mode

Frequency band 5150~5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emissions	11a	5785	6 Mbps	---
Unwanted Emissions ≤1GHz	11a	5785	6 Mbps	---
Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
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
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. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Z-plane results were found as the worst case and were shown in this report.				
2. Three adapters (MOSO, FRECOM and MASS POWER) had been covered during the pretest, and found that MOSO adapter was the worst case of AC Power line conducted emission test item and MASS POWER adapter was the worst case of Radiated Spurious emission test item.				
3. Two models (SDG-8712 and SDG-8712v) had been covered during the pretest, and found that SDG-8712v model was the worst case and was selected for final test.				

Beamforming mode

Frequency band 5150~5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emissions	be EHT20	5785	MCS 0	---
Unwanted Emissions ≤1GHz	be EHT20	5785	MCS 0	---
Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth Power Spectral Density	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
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth 6dB bandwidth Power Spectral Density	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 Z-plane results were found as the worst case and were shown in this report.				
2. Three adapters (MOSO, FRECOM and MASS POWER) had been covered during the pretest, and found that MOSO adapter was the worst case of AC Power line conducted emission test item and MASS POWER adapter was the worst case of Radiated Spurious emission test item.				
3. Two models (SDG-8712 and SDG-8712v) had been covered during the pretest, and found that SDG-8712v model was the worst case and was selected for final test.				

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.

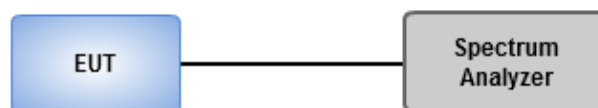
Occupied Bandwidth

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	20-23°C / 62-66%	Tested By	Aska Huang
-------------------	------------------	-----------	------------

Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

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

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

3.2.2 Test Procedures

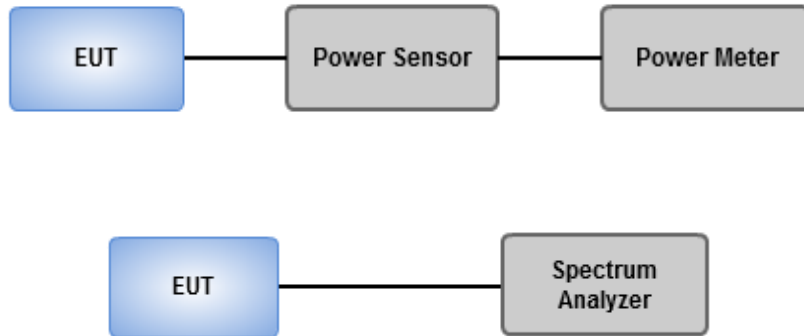
Method PM-G (Measurement using a gated RF average power meter)

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

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

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

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	20-23°C / 62-66%	Tested By	Aska Huang
-------------------	------------------	-----------	------------

Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

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

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

3.3.2 Test Procedures

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

Duty cycle $\geq$ 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. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. Sweep time = auto
3. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter
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

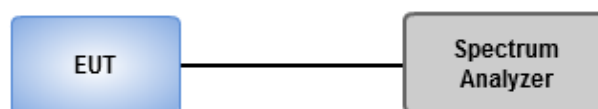
Duty cycle $\geq$ 98 %

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. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. Sweep time = auto
3. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter
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	20-23°C / 62-66%	Tested By	Aska Huang
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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

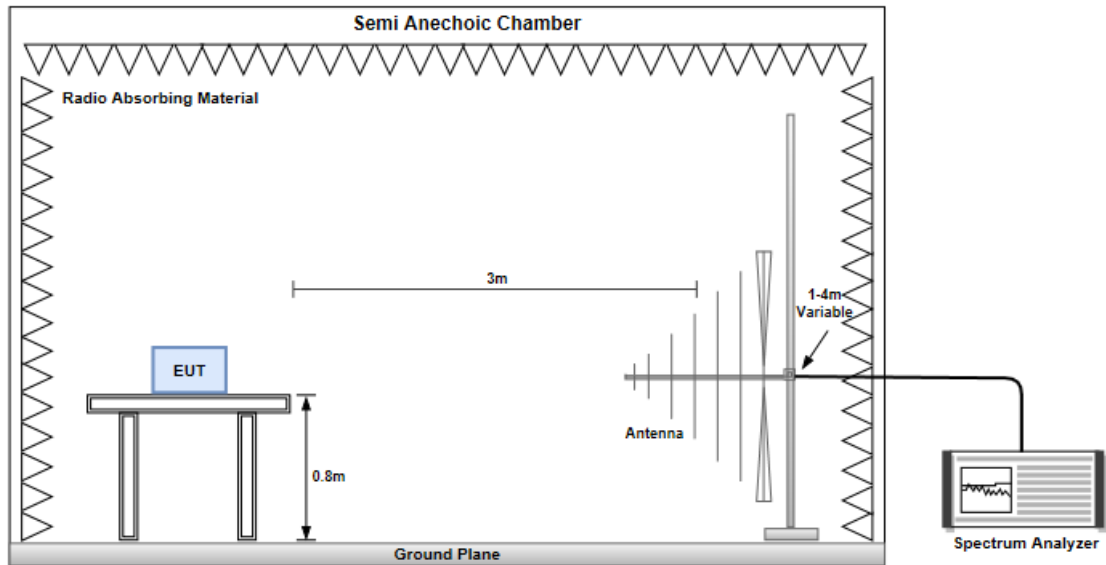
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

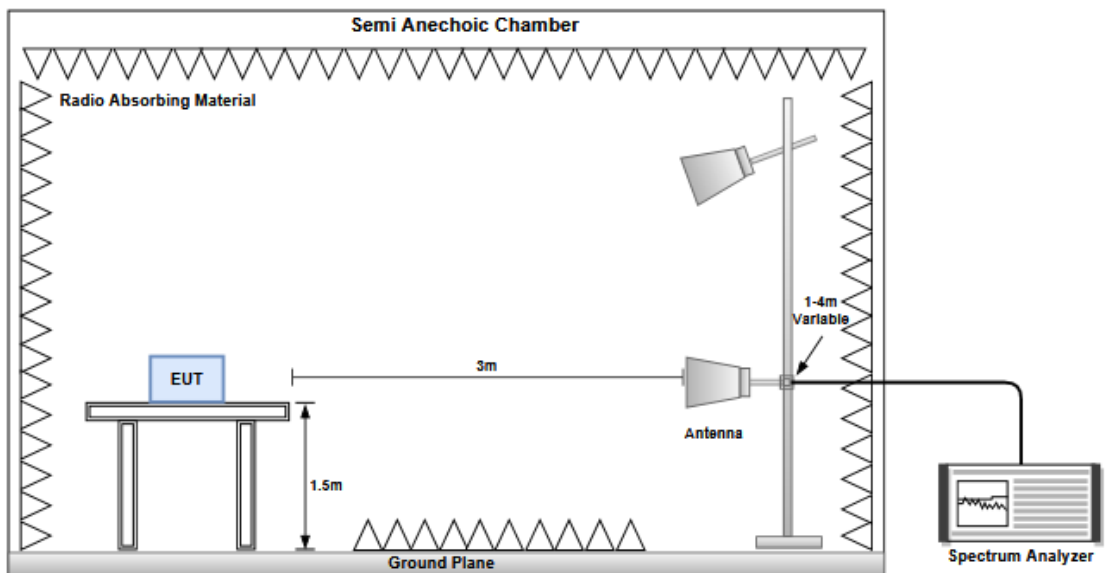
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

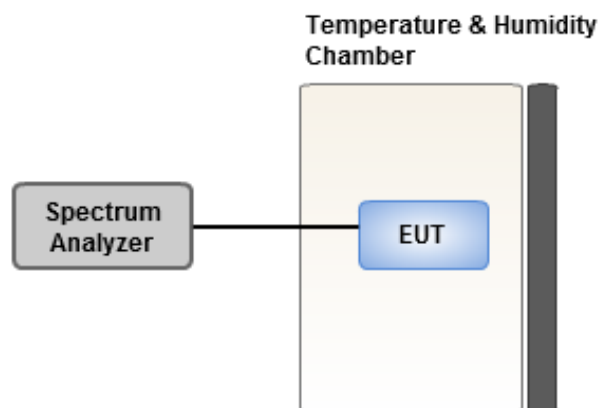
3.5.1 Limit of Frequency Stability

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	20-23°C / 62-66%	Tested By	Aska Huang
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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

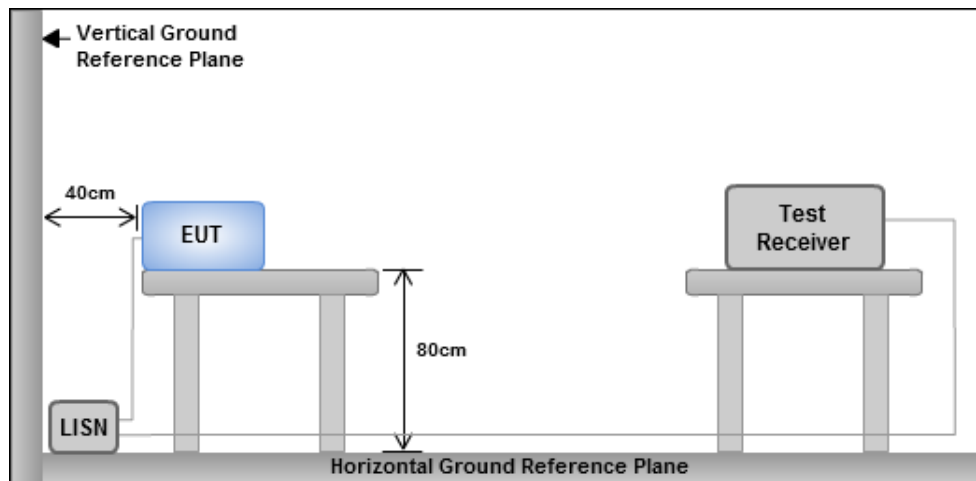
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

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 <https://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.)

Zhonghe

Tel: 886-2-2222-0288

1F, No. 6, Jiankang Road, Zhonghe
District, New Taipei City 235045,
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==

Non-beamforming mode
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)_5TX	36.74M	16.604M	16M6D1D	25.685M	16.416M
802.11be EHT20_Nss1,(MCS0)_5TX	42.075M	19.05M	19M1D1D	23.485M	18.858M
802.11be EHT40_Nss1,(MCS0)_5TX	46.64M	37.592M	37M6D1D	39.49M	37.504M
802.11be EHT80_Nss1,(MCS0)_5TX	80.52M	76.995M	77M0D1D	80.08M	76.698M
802.11be EHT160_Nss1,(MCS0)_5TX	80.8M	77.903M	77M9D1D	80.08M	77.643M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_5TX	22.825M	16.379M	16M4D1D	18.26M	16.315M
802.11be EHT20_Nss1,(MCS0)_5TX	27.06M	18.864M	18M9D1D	19.8M	18.801M
802.11be EHT40_Nss1,(MCS0)_5TX	39.6M	37.552M	37M6D1D	39.38M	37.434M
802.11be EHT80_Nss1,(MCS0)_5TX	80.3M	76.963M	77M0D1D	80.08M	76.807M
802.11be EHT160_Nss1,(MCS0)_5TX	80.08M	77.723M	77M7D1D	80M	77.531M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_5TX	24.42M	16.38M	16M4D1D	14.19M	13.154M
802.11be EHT20_Nss1,(MCS0)_5TX	23.705M	18.868M	18M9D1D	14.925M	14.372M
802.11be EHT40_Nss1,(MCS0)_5TX	41.25M	37.55M	37M6D1D	34.755M	33.483M
802.11be EHT80_Nss1,(MCS0)_5TX	85.8M	77.109M	77M1D1D	74.925M	72.8M
802.11be EHT160_Nss1,(MCS0)_5TX	171.16M	155.749M	156MD1D	168.08M	155.485M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_5TX	16.28M	18.444M	18M4D1D	3.12M	3.298M
802.11be EHT20_Nss1,(MCS0)_5TX	18.865M	19.168M	19M2D1D	4.4M	4.479M
802.11be EHT40_Nss1,(MCS0)_5TX	35.86M	37.894M	37M9D1D	4.02M	4.035M
802.11be EHT80_Nss1,(MCS0)_5TX	75.24M	77.215M	77M2D1D	4M	4.042M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)
802.11a_Nss1,(6Mbps)_5TX												
5180MHz	Pass	Inf	31.075M	16.472M	29.26M	16.492M	26.07M	16.446M	27.995M	16.432M	27.775M	16.416M
5200MHz	Pass	Inf	36.74M	16.58M	35.035M	16.604M	33.44M	16.56M	32.78M	16.512M	30.91M	16.44M
5240MHz	Pass	Inf	36.19M	16.584M	31.295M	16.517M	33.495M	16.503M	30.91M	16.485M	25.685M	16.46M
5260MHz	Pass	Inf	18.425M	16.318M	18.26M	16.326M	18.26M	16.317M	18.425M	16.315M	18.315M	16.318M
5300MHz	Pass	Inf	19.085M	16.364M	22.44M	16.371M	21.835M	16.363M	22.495M	16.363M	21.835M	16.369M
5320MHz	Pass	Inf	20.68M	16.379M	22.825M	16.375M	21.835M	16.365M	21.01M	16.362M	21.945M	16.369M
5500MHz	Pass	Inf	21.67M	16.38M	21.34M	16.377M	22.825M	16.369M	22.88M	16.357M	22.275M	16.368M
5580MHz	Pass	Inf	18.26M	16.322M	18.205M	16.332M	18.26M	16.319M	18.315M	16.332M	18.37M	16.322M
5700MHz	Pass	Inf	24.145M	16.376M	20.57M	16.368M	23.705M	16.365M	24.42M	16.352M	21.34M	16.365M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.19M	13.161M	14.205M	13.166M	14.25M	13.187M	14.265M	13.173M	14.19M	13.154M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.302M	3.12M	3.298M	3.12M	3.319M	3.12M	3.329M	3.12M	3.327M
5745MHz	Pass	500k	16.28M	16.786M	16.28M	16.825M	16.005M	16.583M	15.675M	16.706M	16.28M	17.033M
5785MHz	Pass	500k	16.28M	16.913M	16.06M	17.148M	15.455M	16.649M	16.06M	16.886M	16.28M	18.444M
5825MHz	Pass	500k	16.28M	17.354M	16.28M	17.045M	16.28M	17.02M	16.28M	16.808M	16.28M	18.026M
802.11be EHT20_Nss1,(MCS0)_5TX												
5180MHz	Pass	Inf	27.61M	18.879M	28.71M	18.886M	25.685M	18.879M	23.76M	18.858M	23.485M	18.877M
5200MHz	Pass	Inf	35.475M	18.989M	33.275M	18.988M	32.065M	18.983M	29.81M	18.94M	29.315M	18.929M
5240MHz	Pass	Inf	42.075M	19.05M	35.805M	19.029M	35.255M	19.034M	35.475M	18.994M	31.735M	18.948M
5260MHz	Pass	Inf	20.02M	18.826M	19.8M	18.825M	19.855M	18.827M	19.855M	18.801M	19.855M	18.816M
5300MHz	Pass	Inf	24.86M	18.864M	20.955M	18.858M	20.845M	18.856M	21.945M	18.835M	22.11M	18.857M
5320MHz	Pass	Inf	26.895M	18.856M	23.87M	18.855M	25.025M	18.858M	20.46M	18.831M	27.06M	18.861M
5500MHz	Pass	Inf	19.855M	18.864M	20.79M	18.866M	22.77M	18.867M	21.725M	18.841M	20.02M	18.868M
5580MHz	Pass	Inf	20.075M	18.831M	19.745M	18.817M	19.8M	18.826M	19.8M	18.823M	19.855M	18.83M
5680MHz	Pass	Inf	23.705M	18.866M	22.495M	18.856M	20.02M	18.855M	19.8M	18.838M	19.8M	18.863M
5700MHz	Pass	Inf	22.99M	18.855M	20.955M	18.846M	20.845M	18.857M	20.13M	18.821M	21.45M	18.859M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.925M	14.386M	14.97M	14.406M	14.955M	14.381M	14.925M	14.372M	14.97M	14.396M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.492M	4.42M	4.479M	4.48M	4.493M	4.48M	4.496M	4.4M	4.492M
5745MHz	Pass	500k	18.81M	18.982M	18.81M	18.993M	18.425M	18.943M	18.535M	18.949M	18.81M	19.04M
5785MHz	Pass	500k	18.865M	19.012M	18.81M	19.055M	18.81M	18.982M	18.48M	18.995M	18.81M	19.12M
5825MHz	Pass	500k	18.59M	19.061M	18.81M	19.001M	18.81M	19.013M	18.81M	19.008M	18.755M	19.168M
802.11be EHT40_Nss1,(MCS0)_5TX												
5190MHz	Pass	Inf	41.25M	37.529M	40.04M	37.504M	39.49M	37.55M	39.71M	37.551M	41.8M	37.522M
5230MHz	Pass	Inf	46.64M	37.592M	39.49M	37.534M	44.22M	37.571M	39.93M	37.542M	39.49M	37.548M
5270MHz	Pass	Inf	39.38M	37.5M	39.49M	37.434M	39.6M	37.471M	39.38M	37.47M	39.49M	37.52M
5310MHz	Pass	Inf	39.6M	37.519M	39.49M	37.532M	39.6M	37.552M	39.49M	37.503M	39.49M	37.545M
5510MHz	Pass	Inf	39.71M	37.518M	39.6M	37.458M	41.25M	37.54M	39.49M	37.514M	39.49M	37.534M
5590MHz	Pass	Inf	39.49M	37.454M	39.38M	37.451M	39.49M	37.47M	39.38M	37.39M	39.38M	37.461M
5670MHz	Pass	Inf	39.6M	37.523M	39.6M	37.55M	39.49M	37.487M	39.6M	37.51M	40.15M	37.52M

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)	Port 5-N dB (Hz)	Port 5-OBW (Hz)
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.79M	33.549M	34.79M	33.575M	34.755M	33.483M	34.79M	33.519M	34.79M	33.567M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.065M	4.02M	4.035M	4.02M	4.055M	4.02M	4.054M	4.02M	4.05M
5755MHz	Pass	500k	34.98M	37.738M	34.98M	37.732M	35.42M	37.69M	34.98M	37.711M	35.2M	37.787M
5795MHz	Pass	500k	35.31M	37.794M	35.31M	37.809M	35.86M	37.717M	35.64M	37.773M	35.09M	37.894M
802.11be EHT80_Nss1,(MCS0)_5TX												
5210MHz	Pass	Inf	80.52M	76.846M	80.08M	76.757M	80.08M	76.698M	80.08M	76.995M	80.3M	76.953M
5290MHz	Pass	Inf	80.08M	76.807M	80.08M	76.963M	80.3M	76.874M	80.08M	76.93M	80.08M	76.873M
5530MHz	Pass	Inf	80.3M	76.965M	80.3M	77.109M	80.3M	77.031M	80.08M	76.792M	85.8M	76.933M
5610MHz	Pass	Inf	80.08M	76.791M	80.08M	76.798M	80.08M	76.872M	80.08M	76.652M	80.08M	76.805M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.925M	72.874M	75M	72.857M	74.925M	72.8M	74.925M	72.916M	75M	72.999M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.077M	4.02M	4.042M	4.02M	4.056M	4M	4.054M	4M	4.055M
5775MHz	Pass	500k	75.24M	77.079M	75.02M	77.042M	72.6M	76.924M	75.02M	77.215M	75.02M	76.968M
802.11be EHT160_Nss1,(MCS0)_5TX												
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.903M	80.08M	77.763M	80.08M	77.678M	80.16M	77.643M	80.64M	77.73M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.08M	77.723M	80.08M	77.603M	80.08M	77.597M	80M	77.531M	80.08M	77.573M
5570MHz	Pass	Inf	168.08M	155.693M	171.16M	155.712M	168.08M	155.714M	168.96M	155.749M	168.08M	155.485M

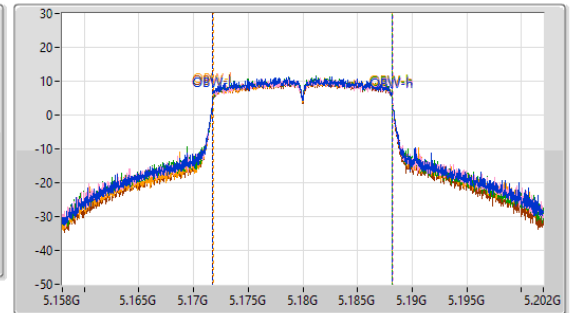
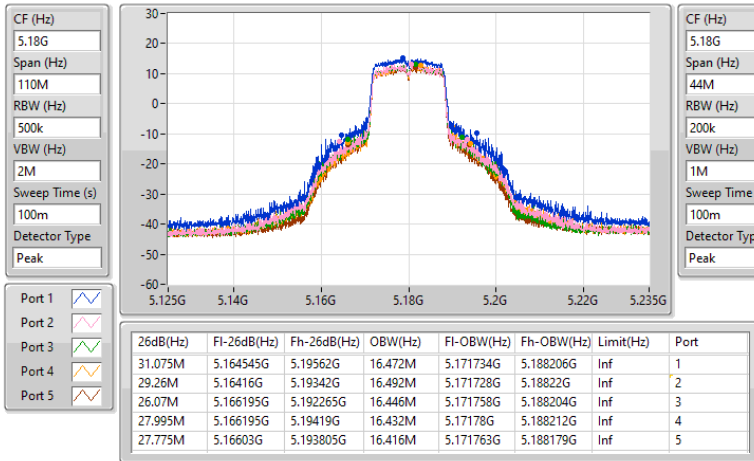
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

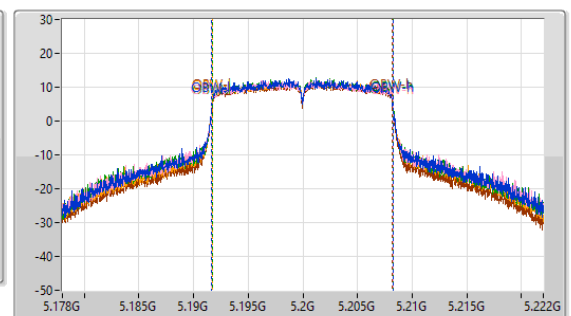
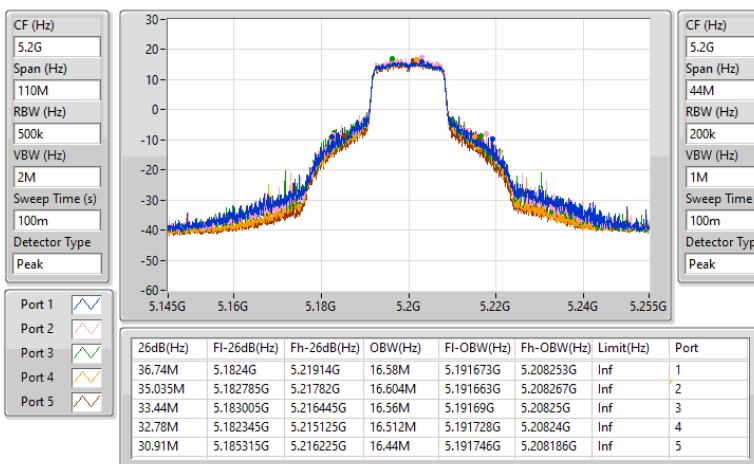
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

5200MHz

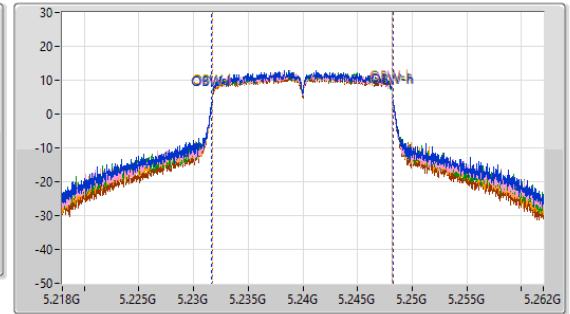
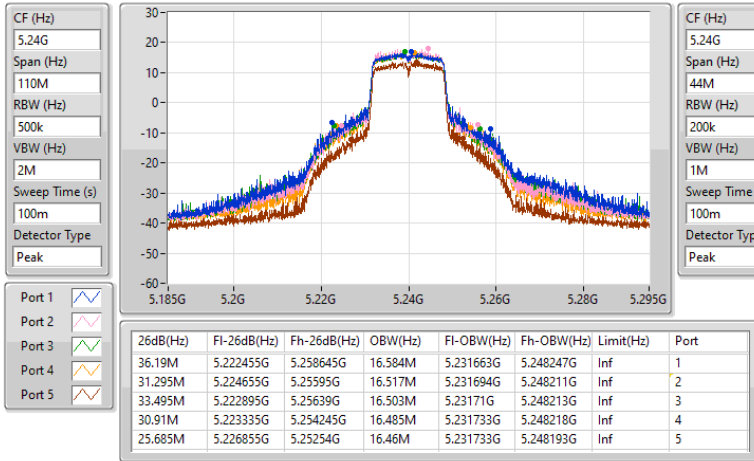




5.15-5.25GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

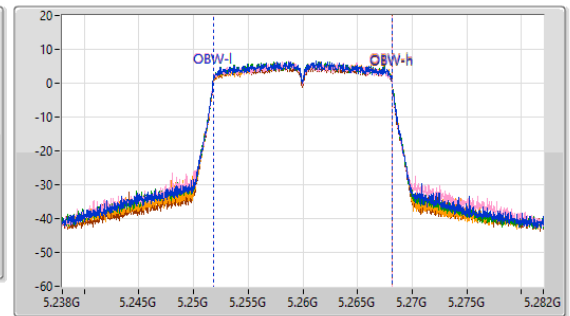
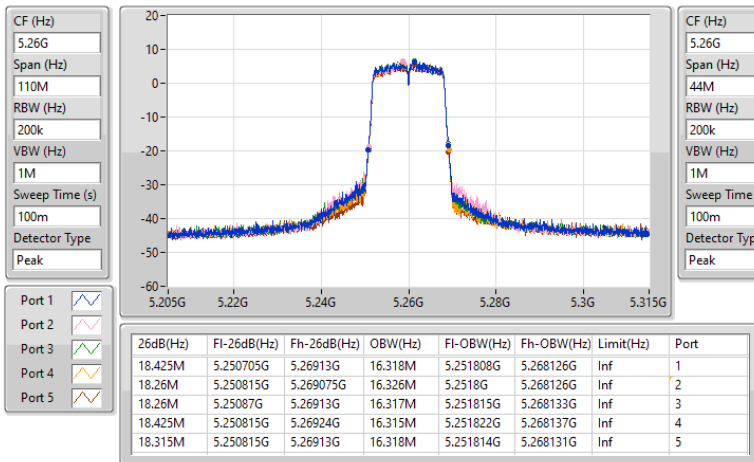
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

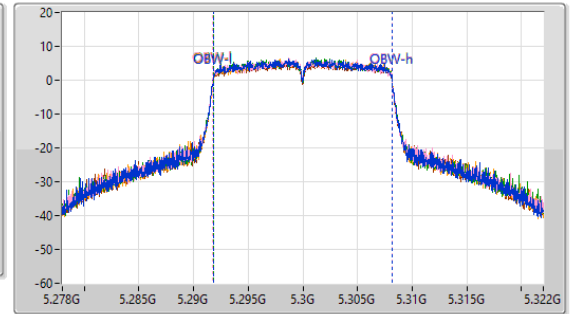
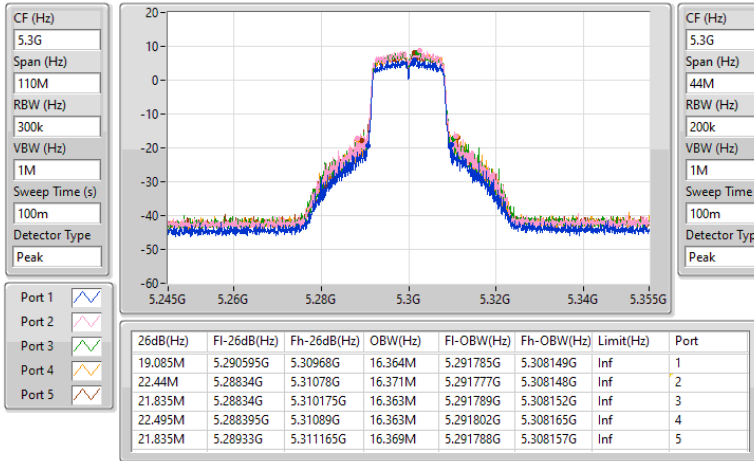
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

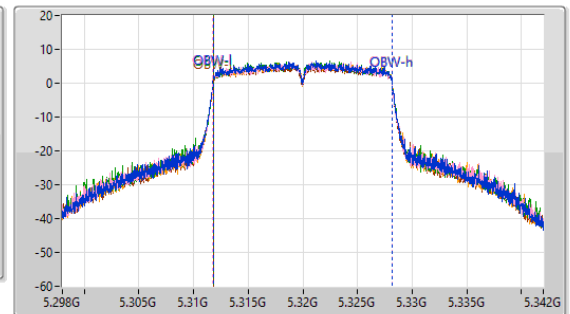
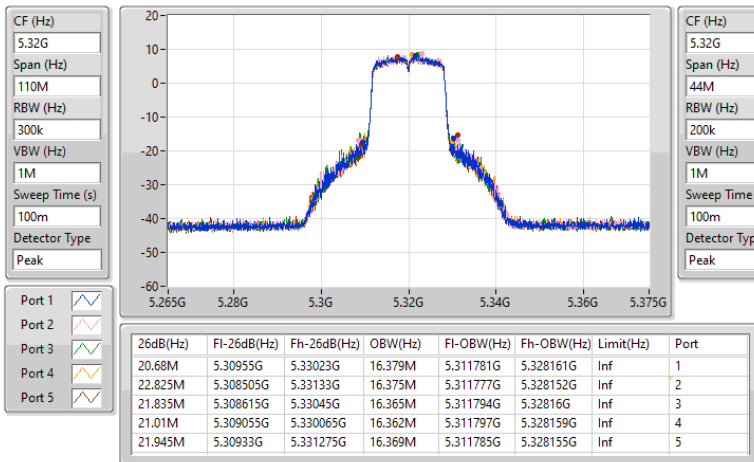
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

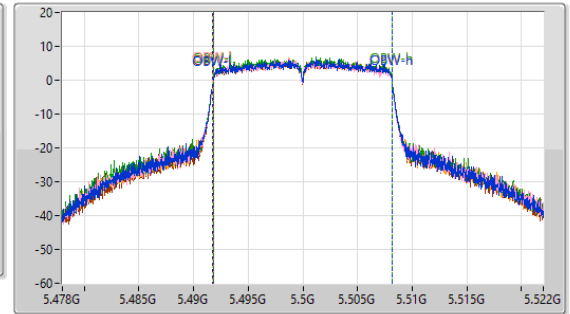
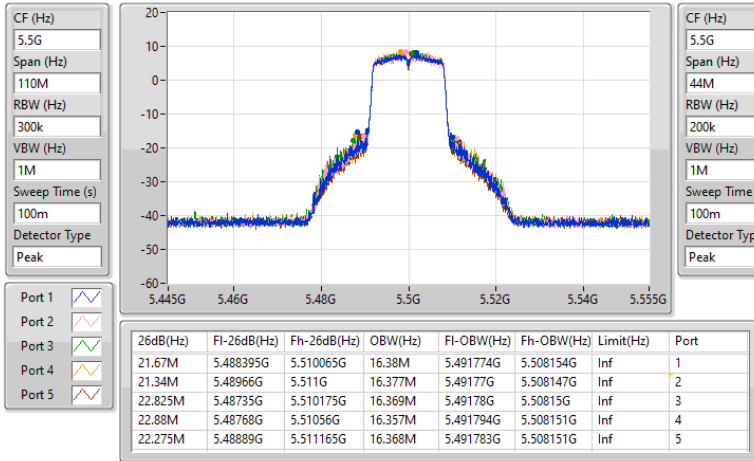
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

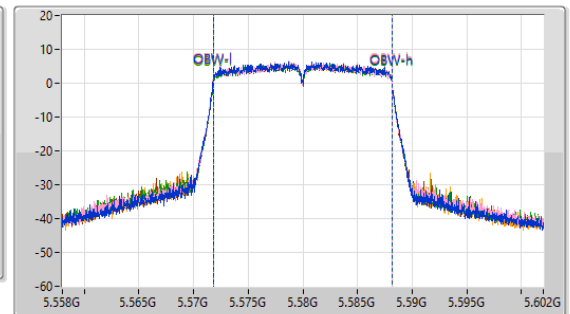
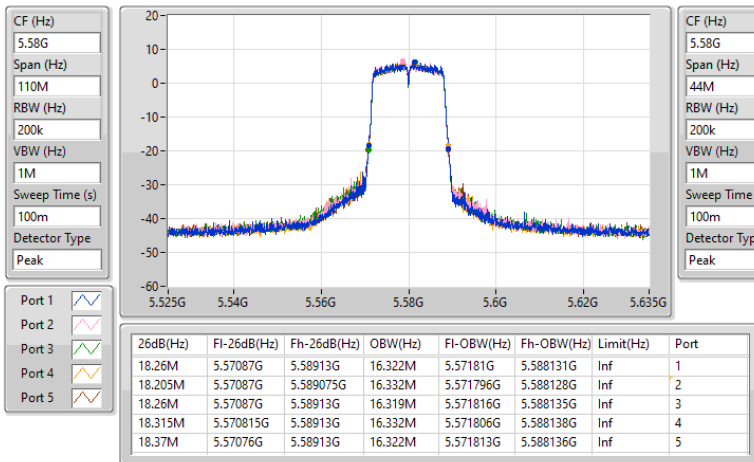
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

5580MHz

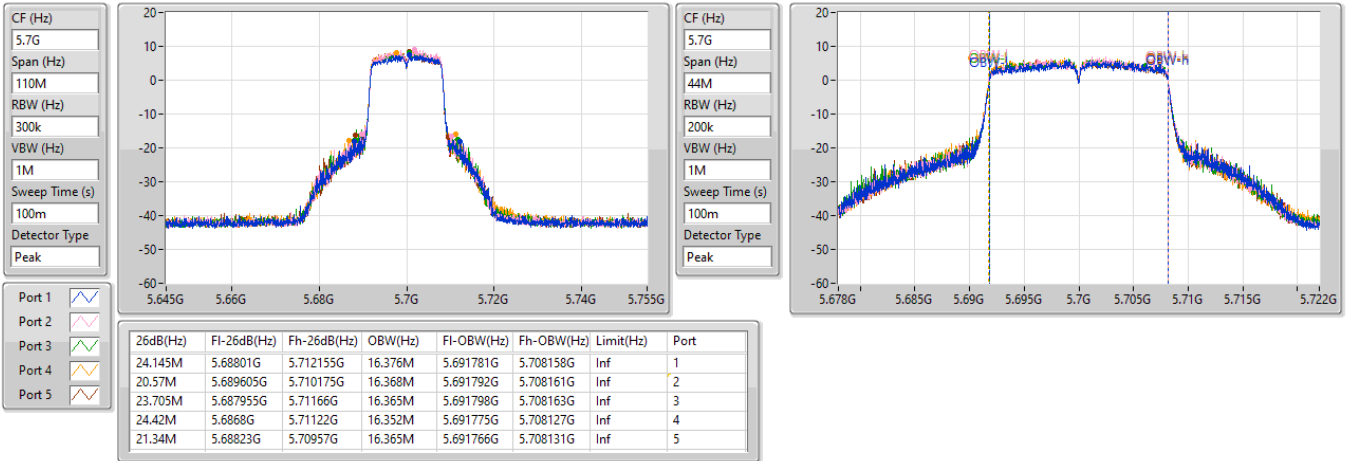




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

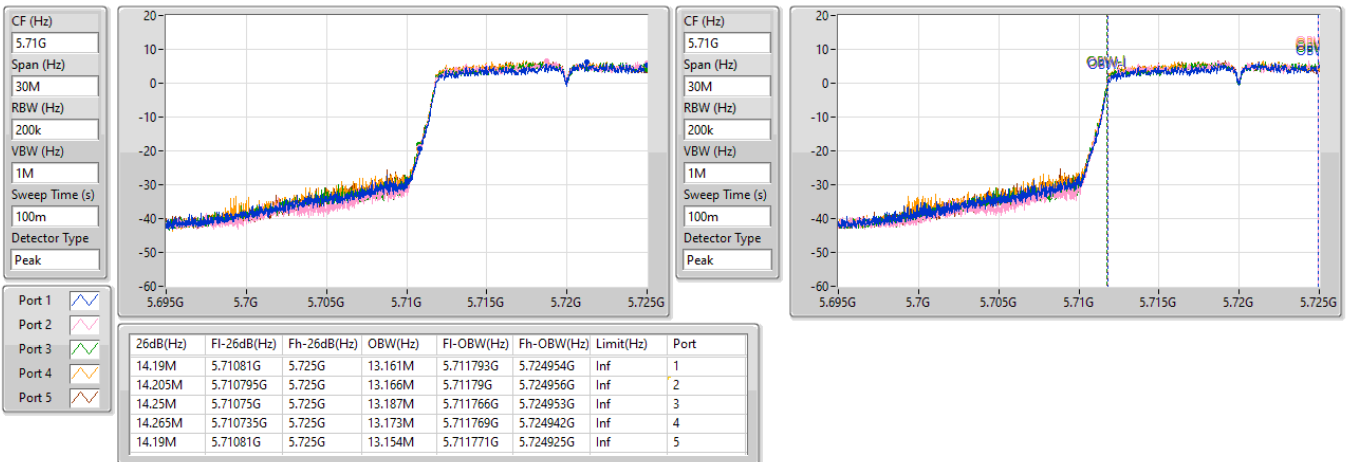
5700MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

5720MHz Straddle 5.47-5.725GHz

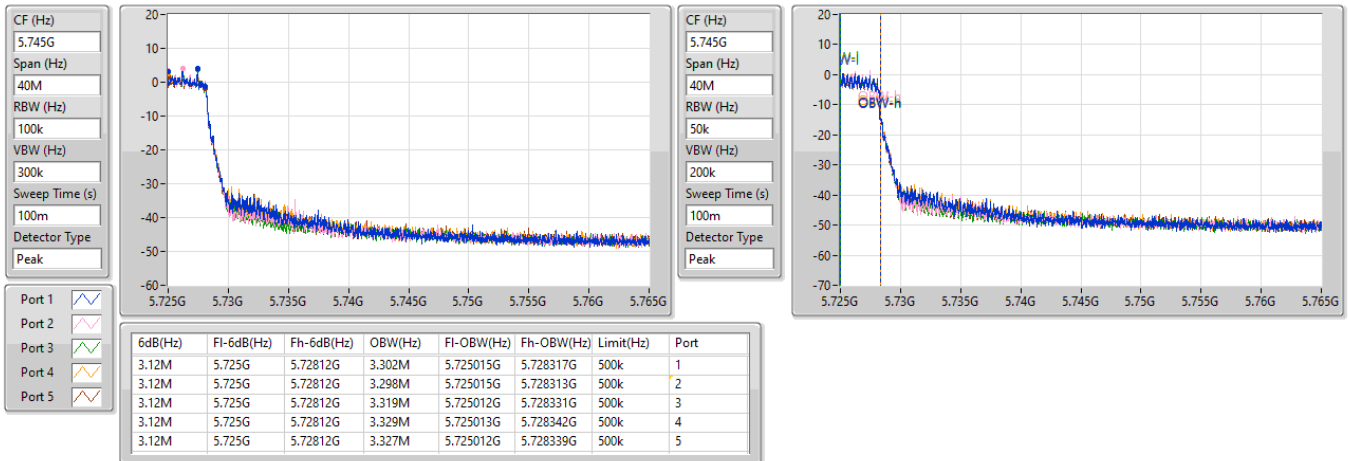




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

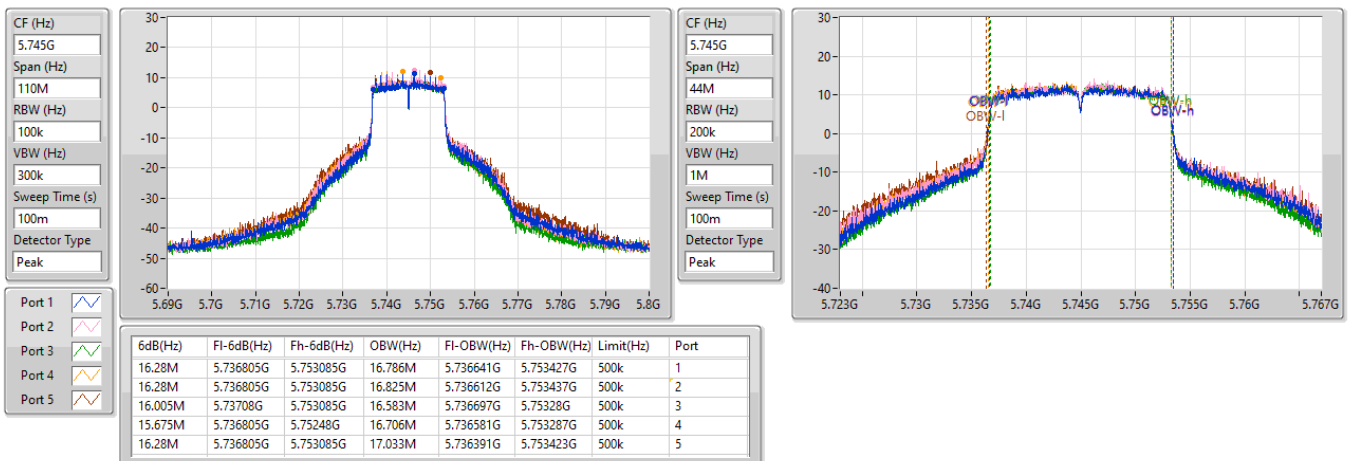
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

5745MHz

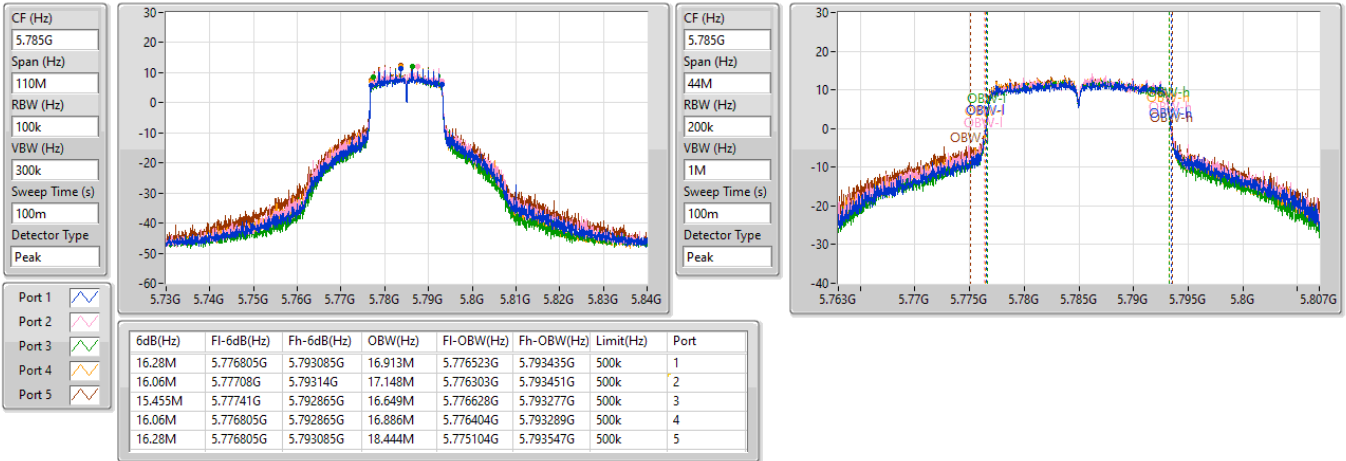




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

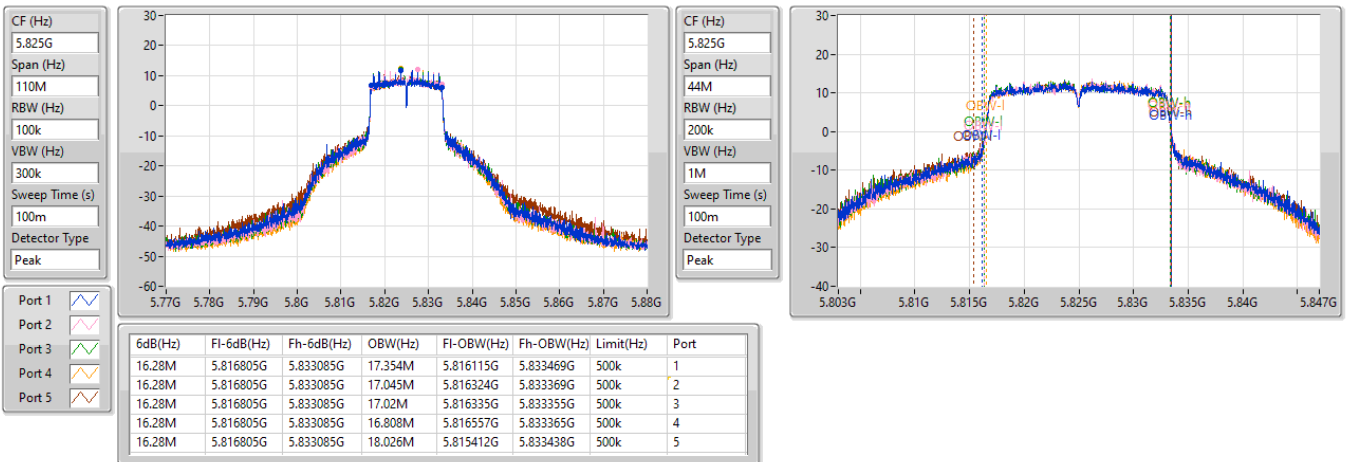
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

EBW

5825MHz

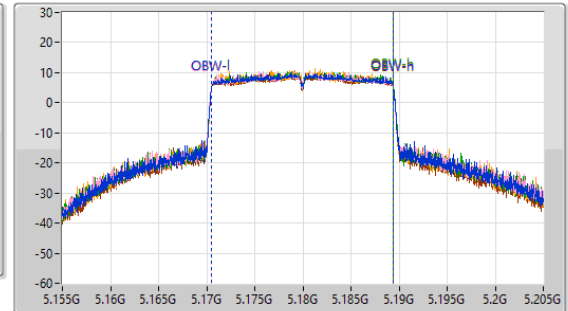
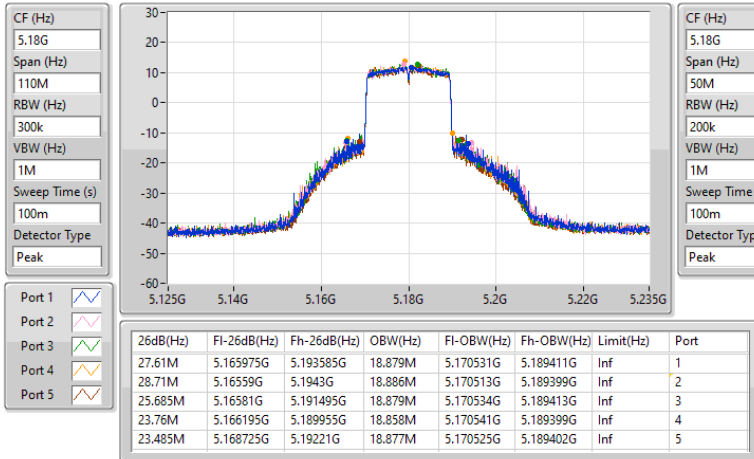




5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

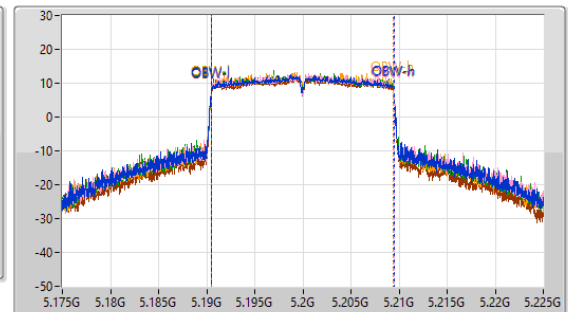
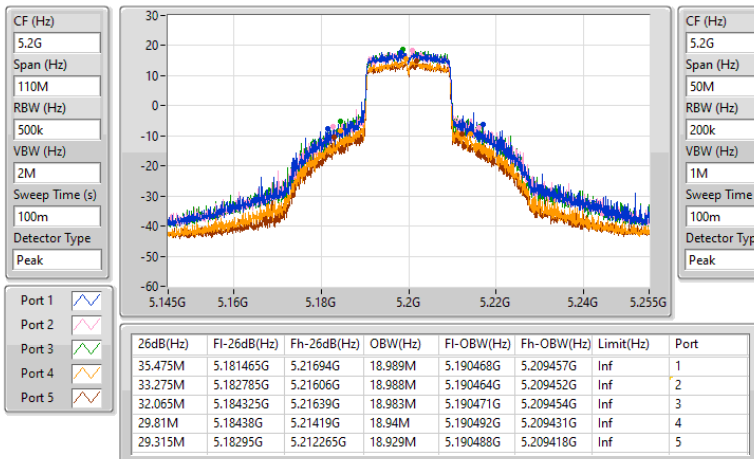
5180MHz



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

5200MHz

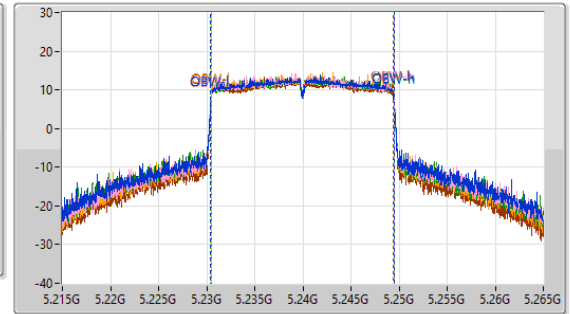
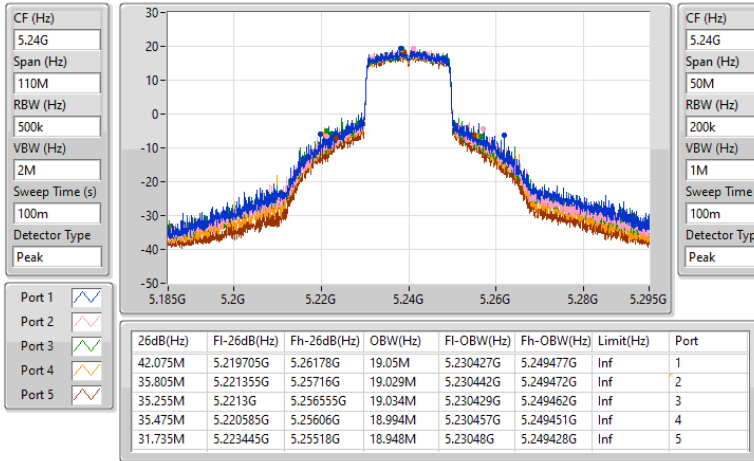




5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

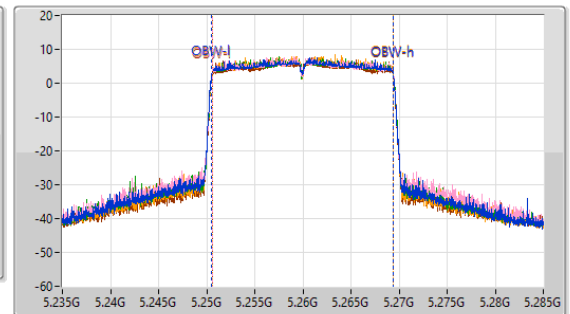
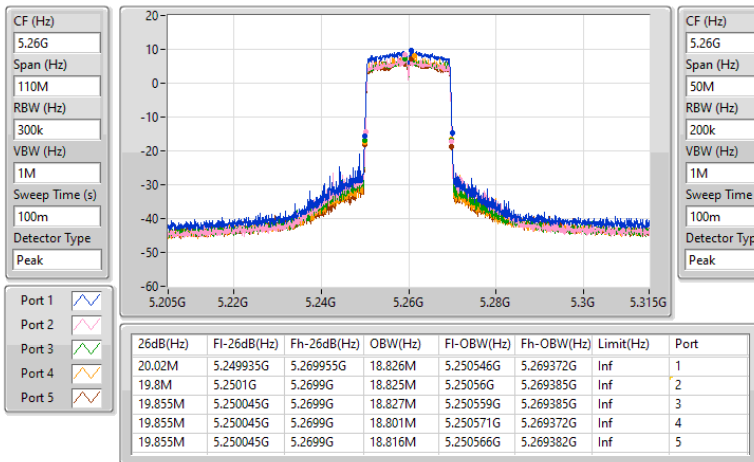
5240MHz



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

5260MHz

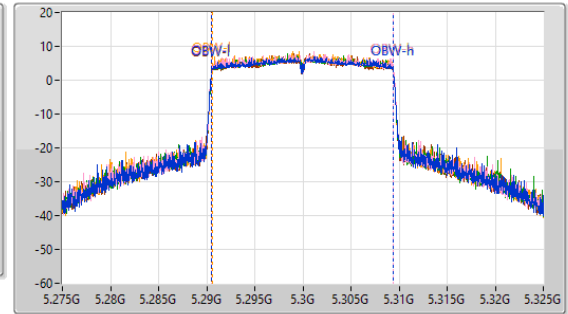
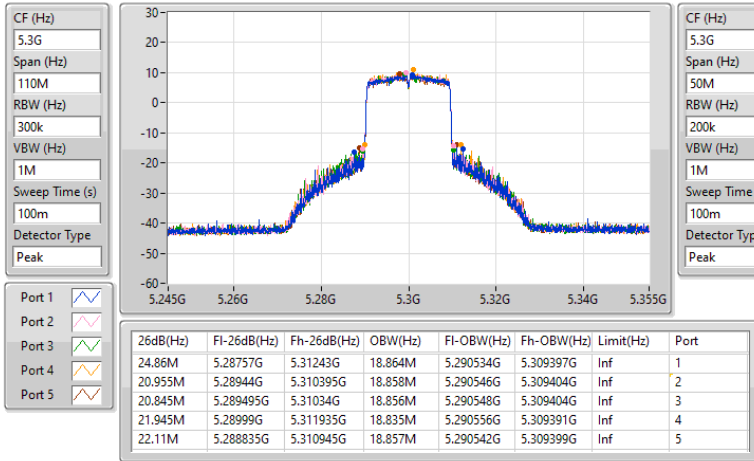




5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

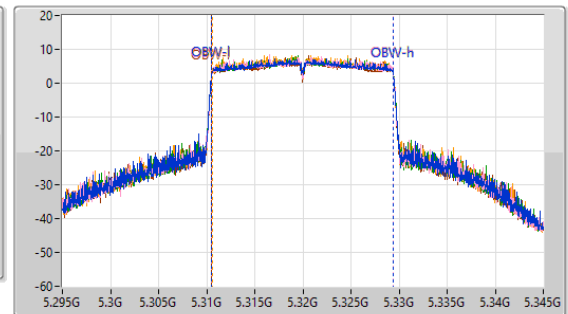
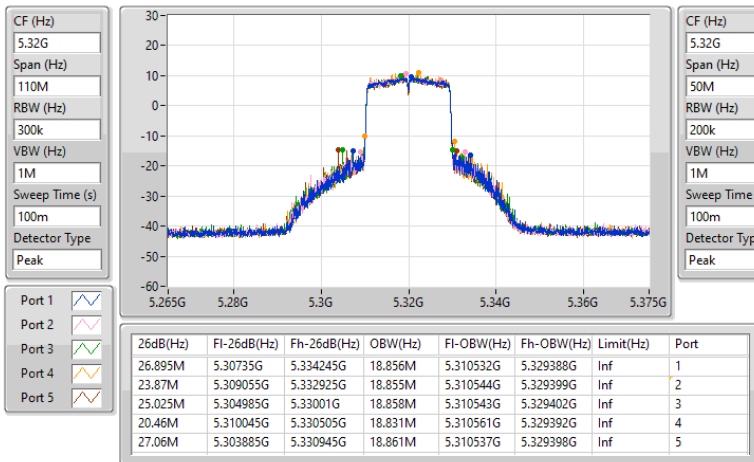
5300MHz



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

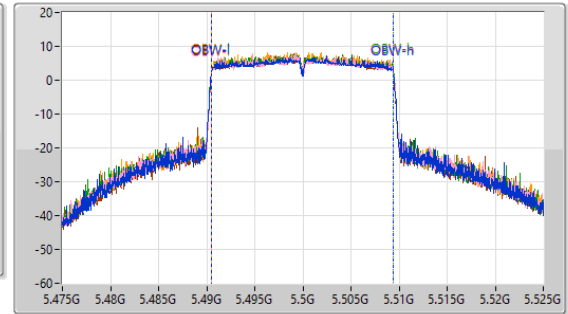
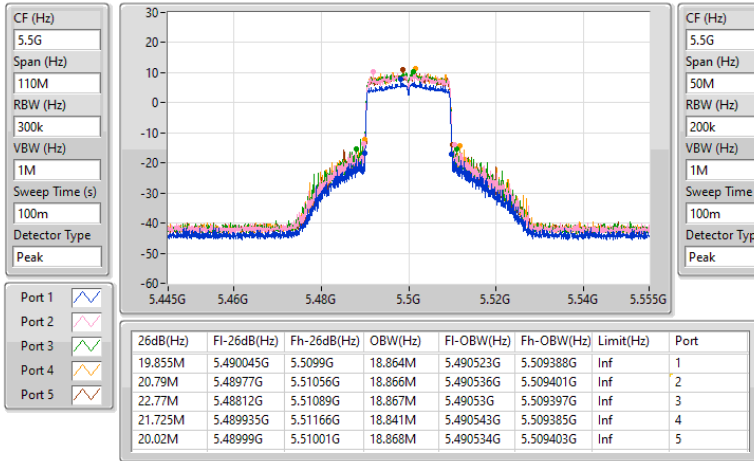
5320MHz



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

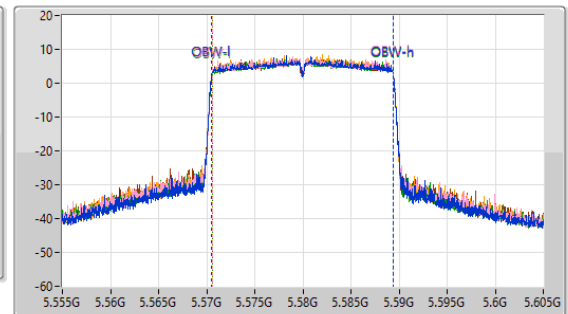
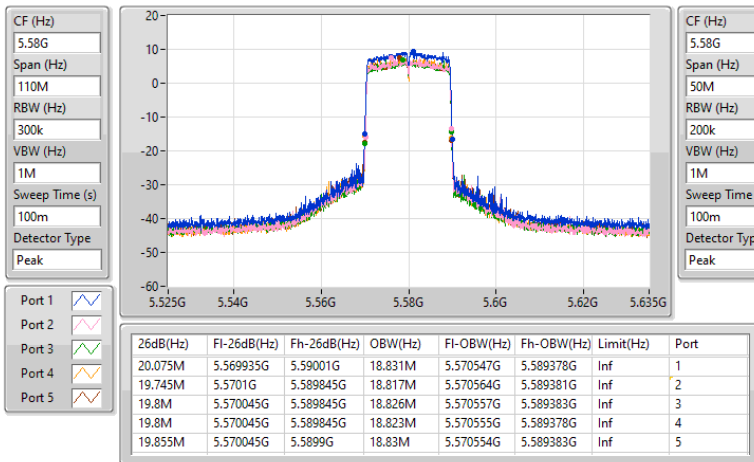
5500MHz



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

5580MHz

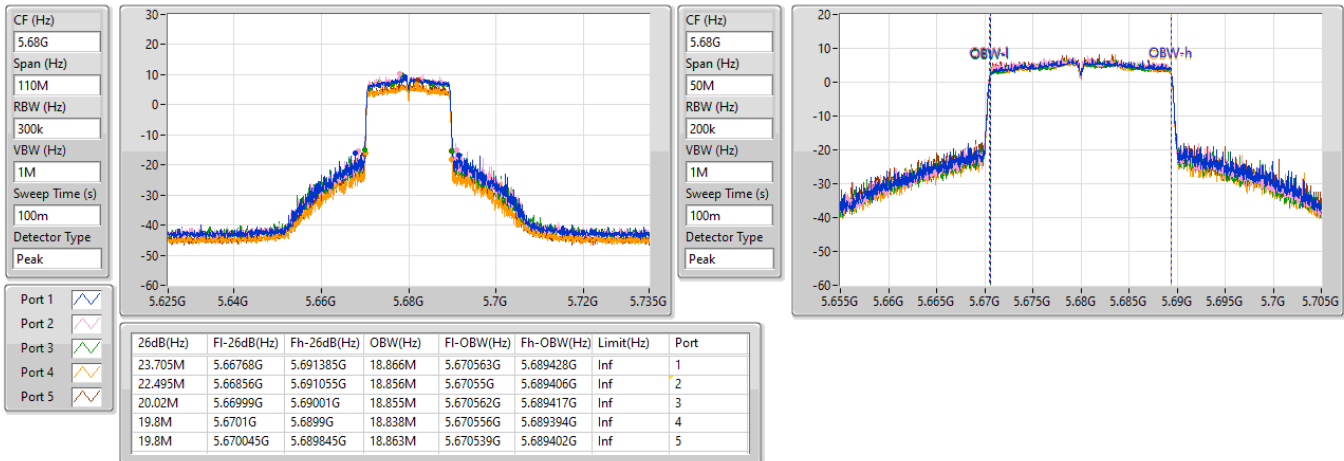




5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

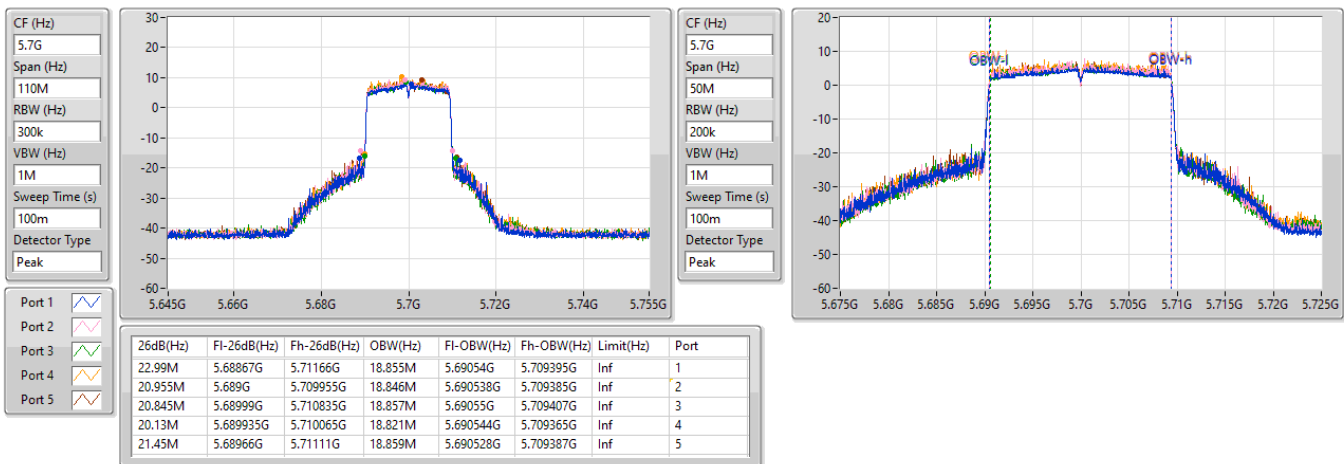
5680MHz



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

5700MHz

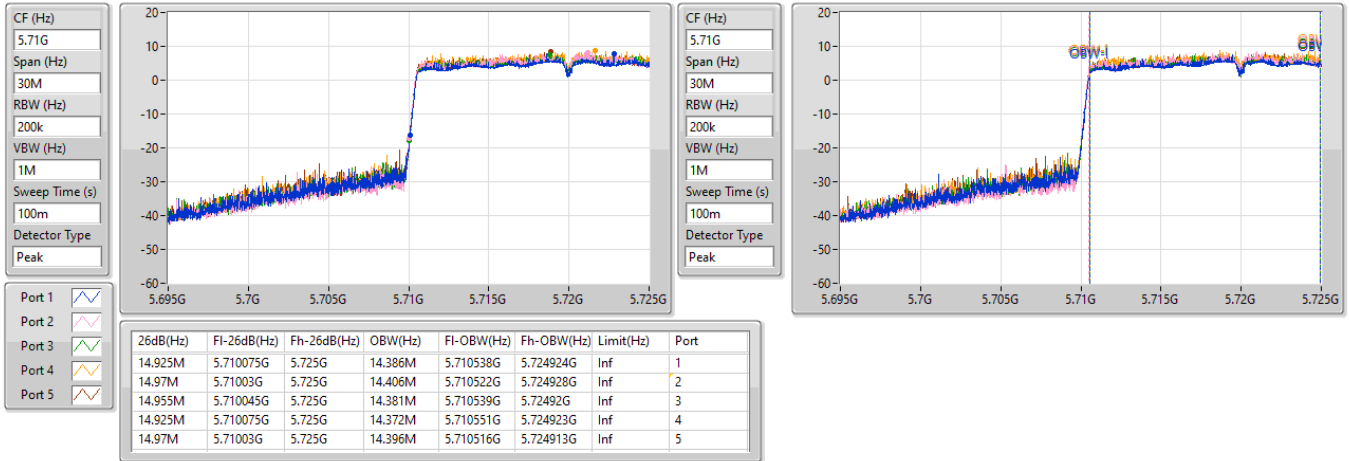




5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

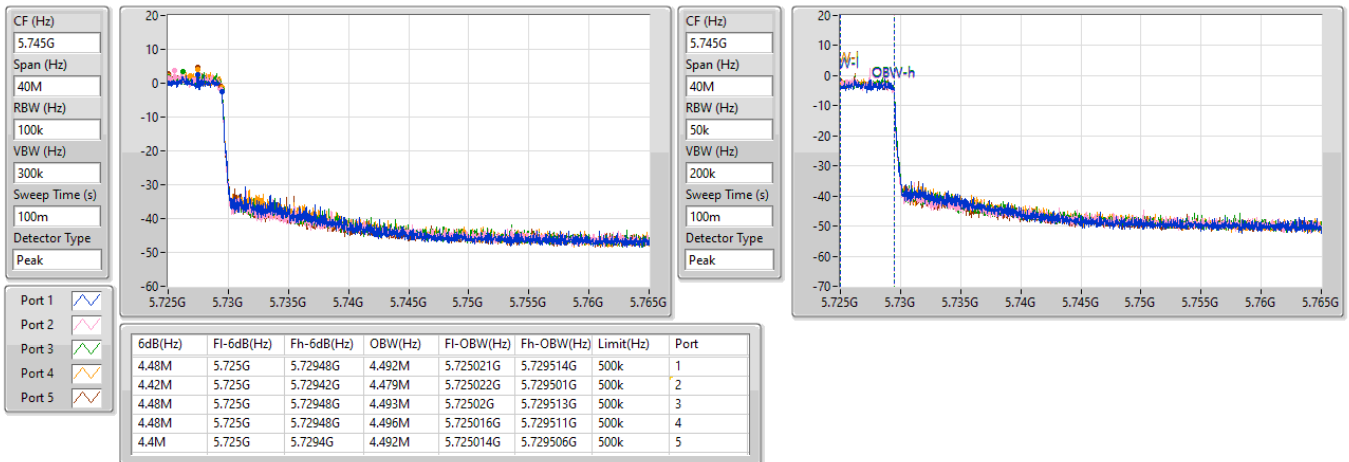
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

5720MHz Straddle 5.725-5.85GHz

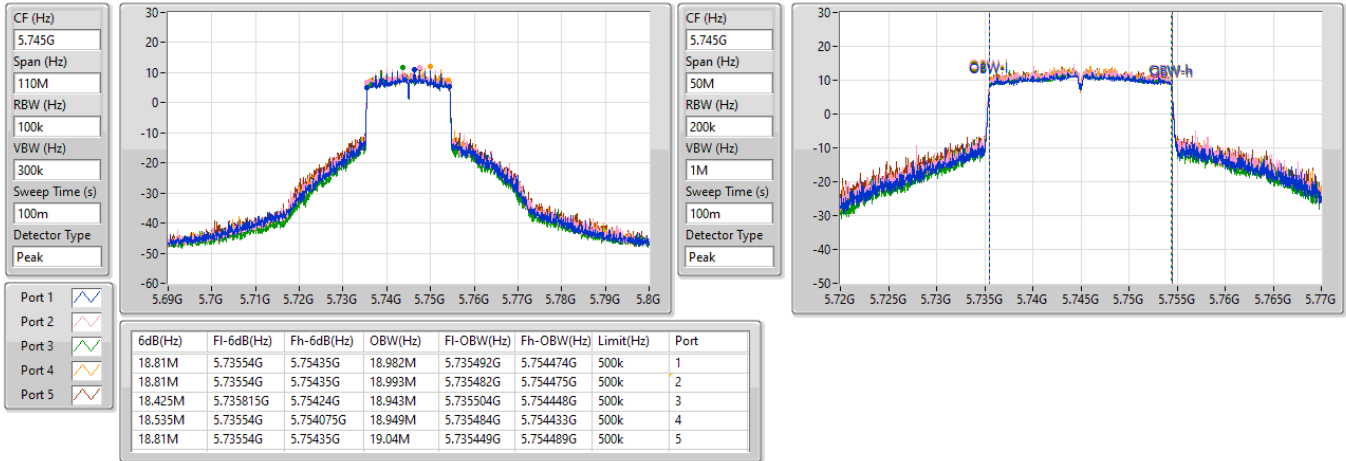




5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

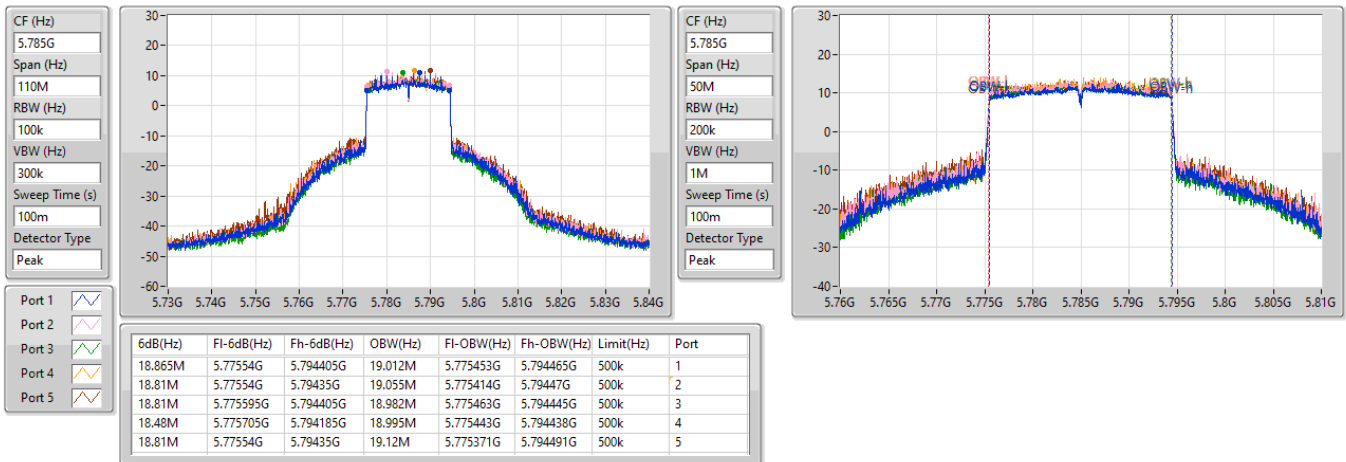
5745MHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

5785MHz

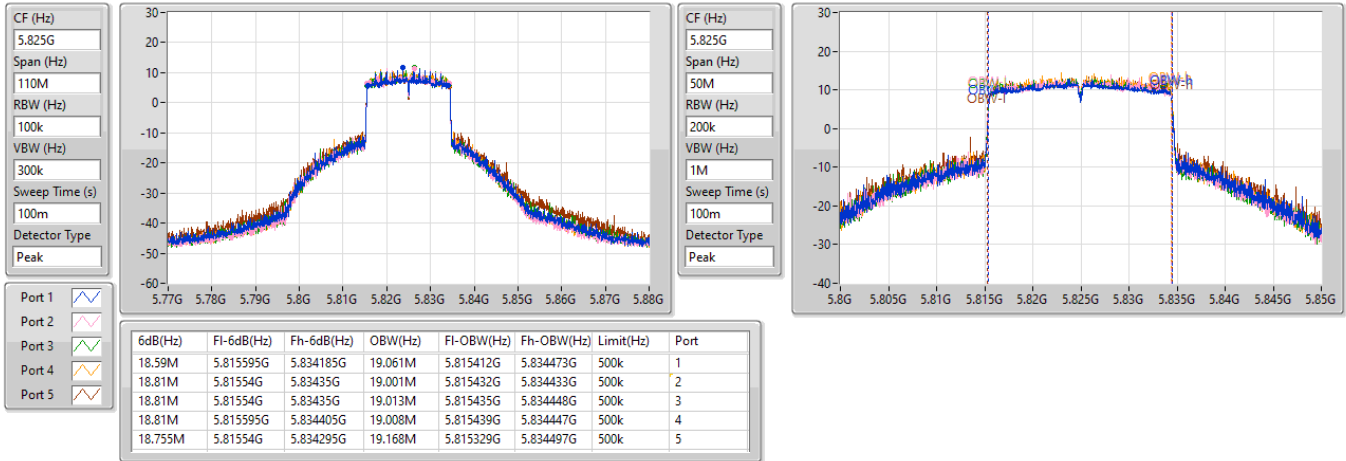




5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

EBW

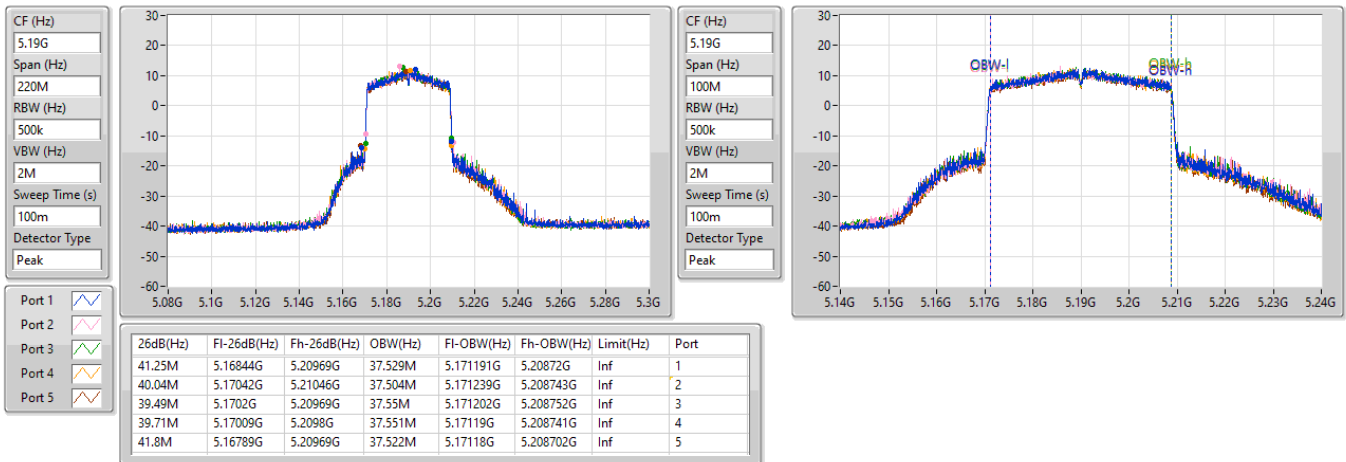
5825MHz



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

5190MHz

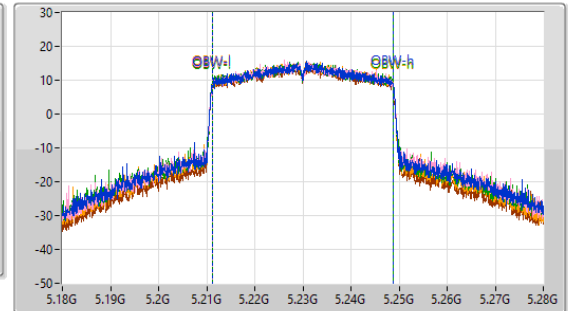
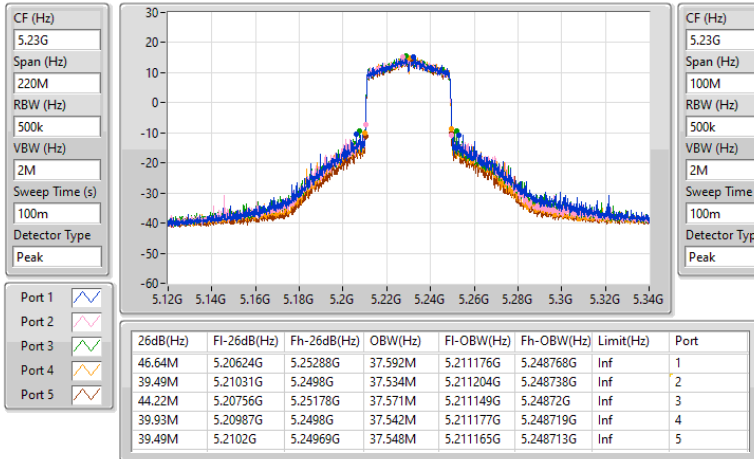




5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

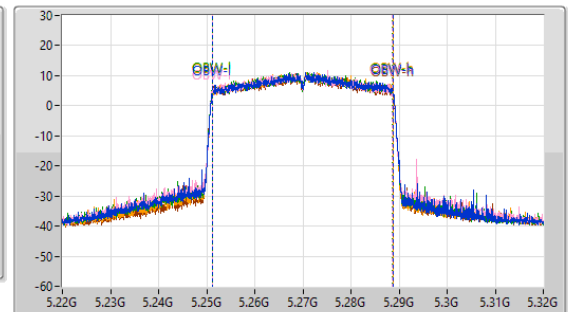
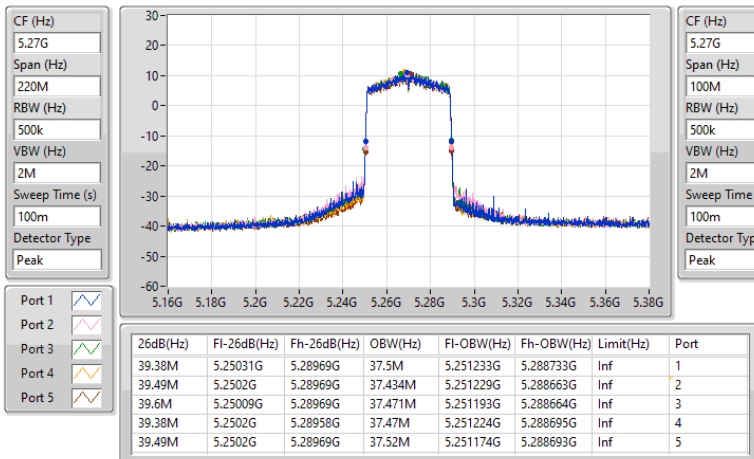
5230MHz



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

5270MHz

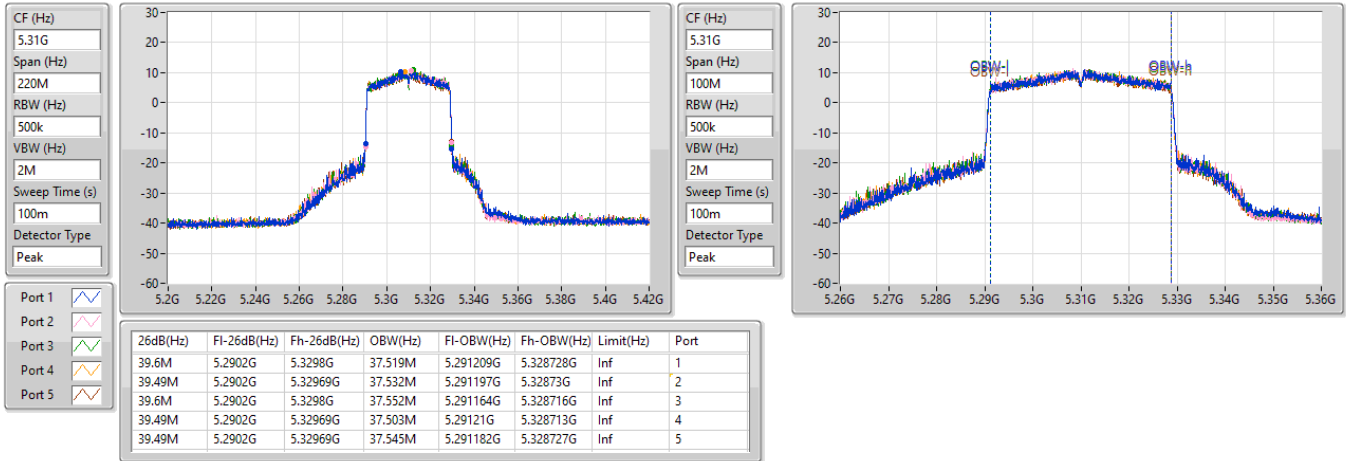




5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

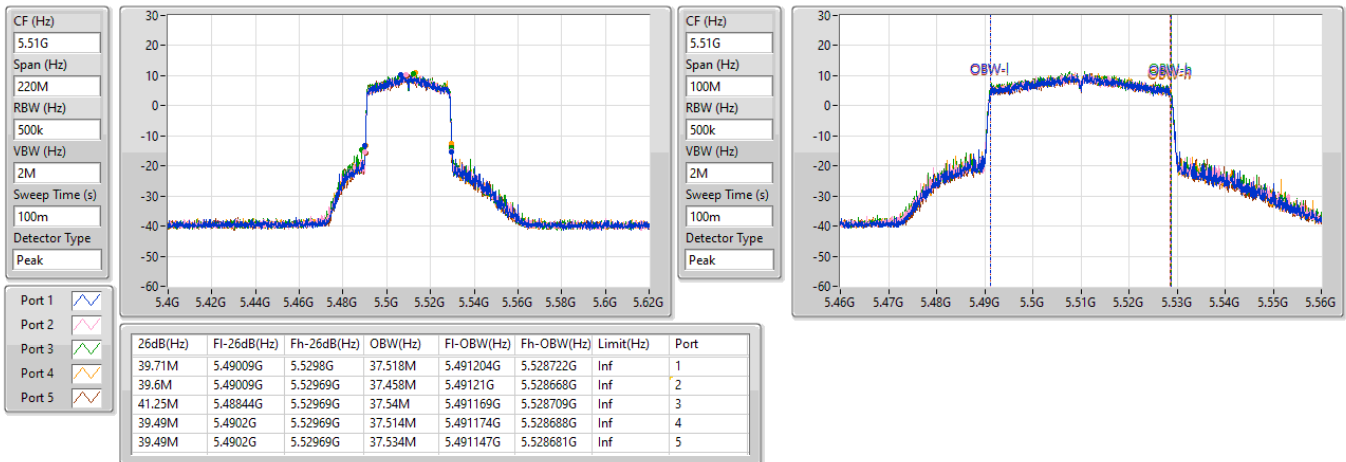
5310MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

5510MHz

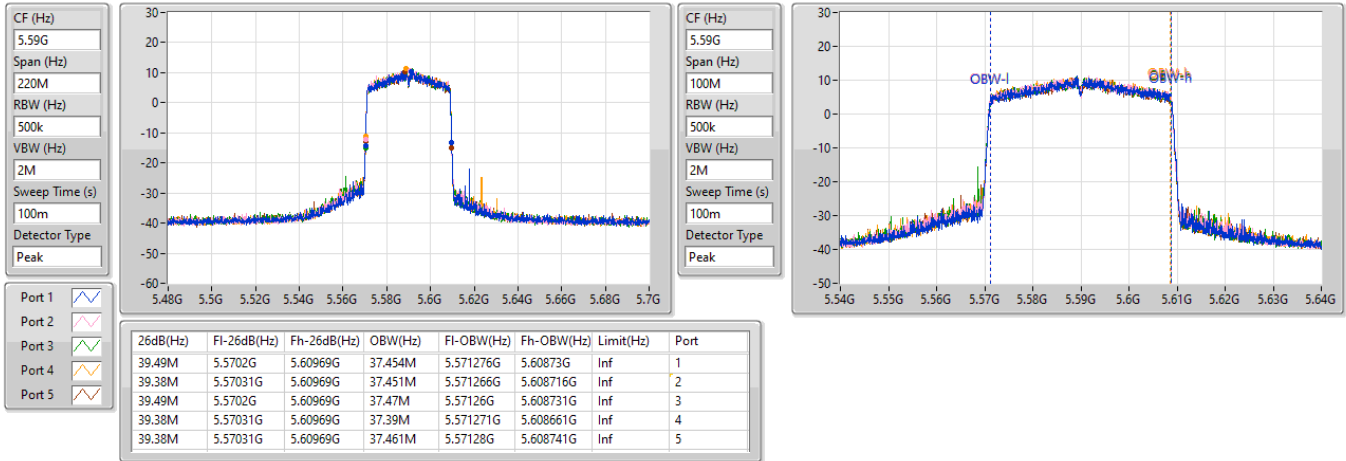




5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

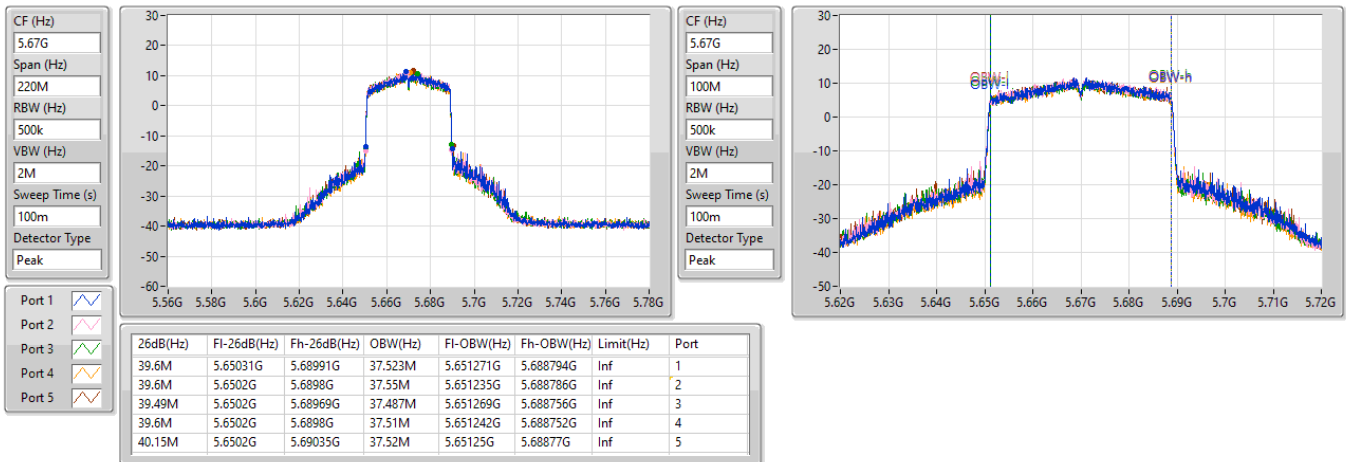
5590MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

5670MHz

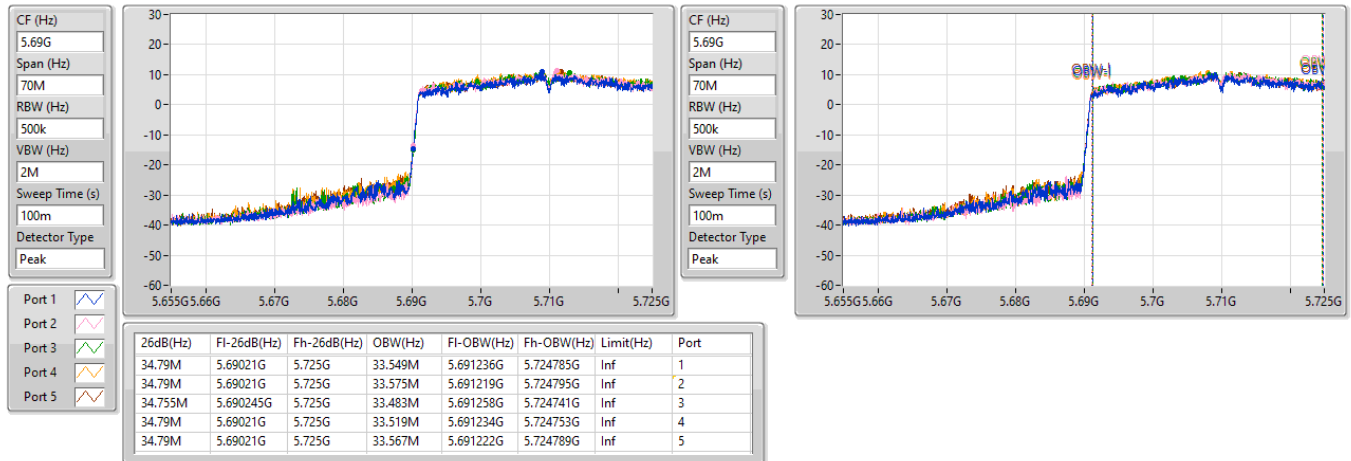




5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

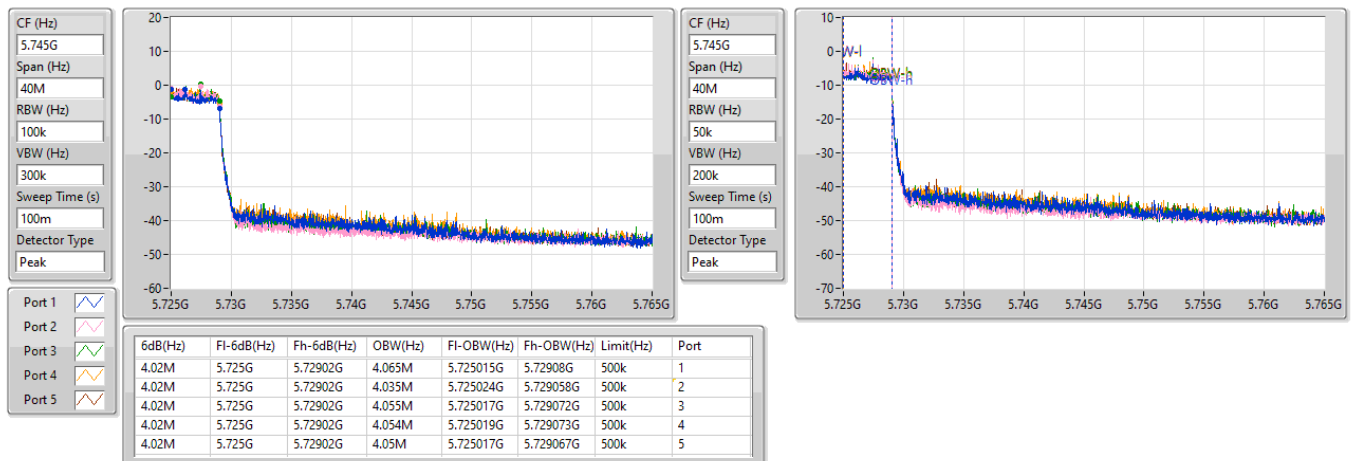
5710MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

5710MHz Straddle 5.725-5.85GHz

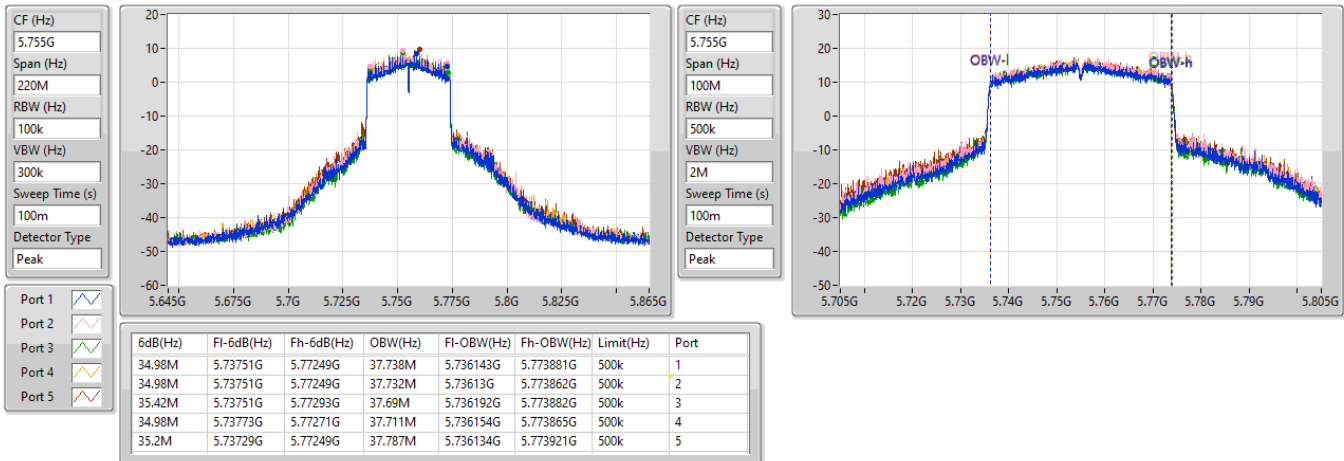




5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

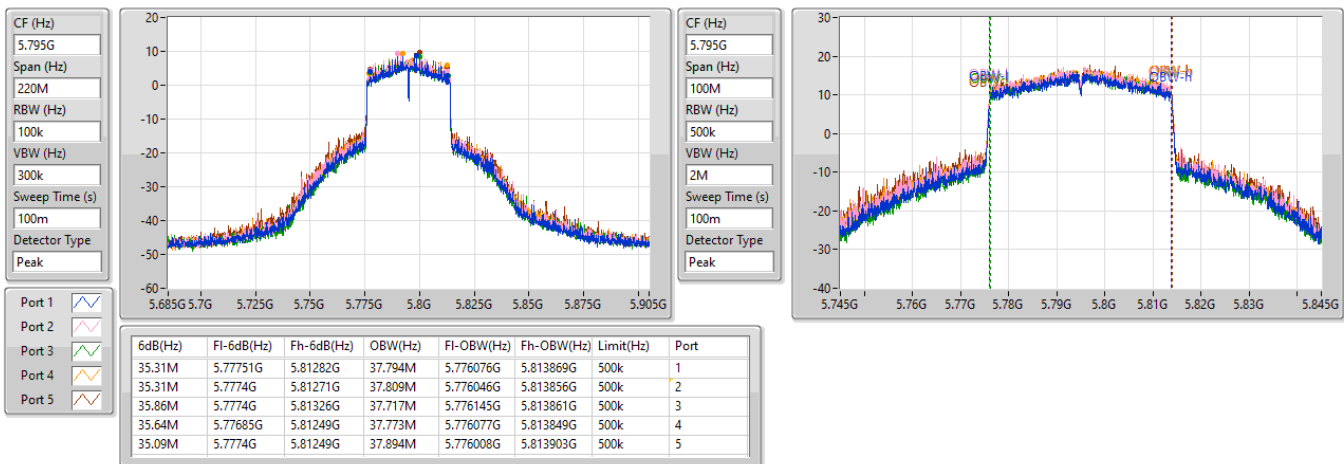
5755MHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_5TX

EBW

5795MHz

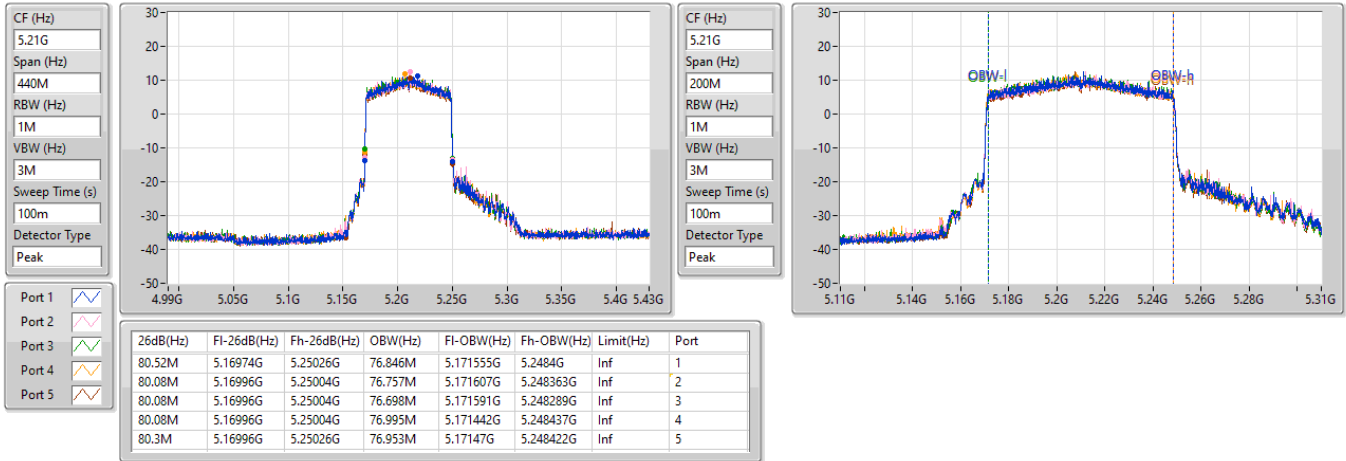




5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_5TX

EBW

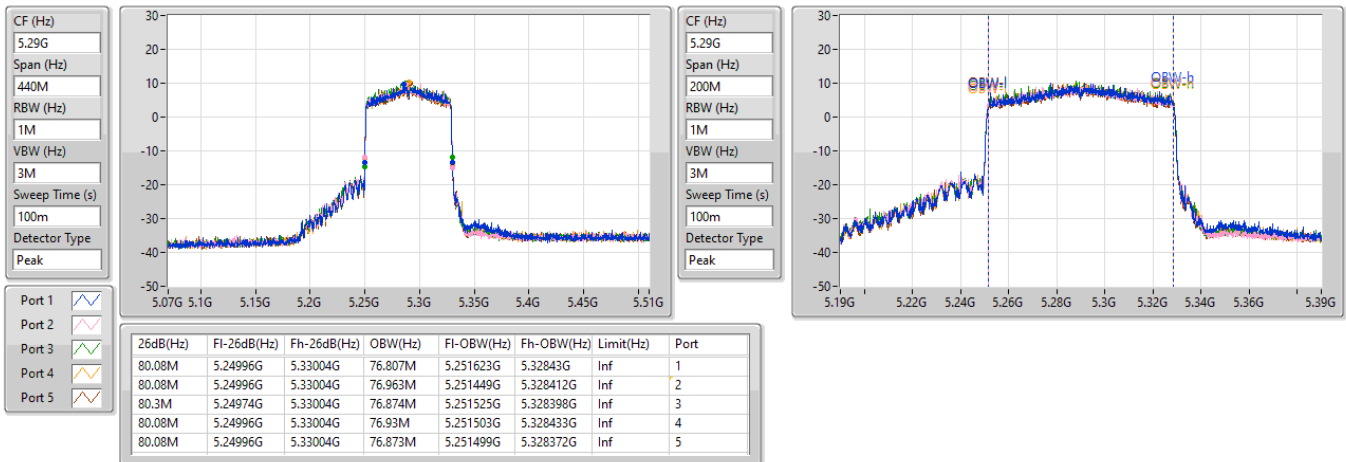
5210MHz



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_5TX

EBW

5290MHz

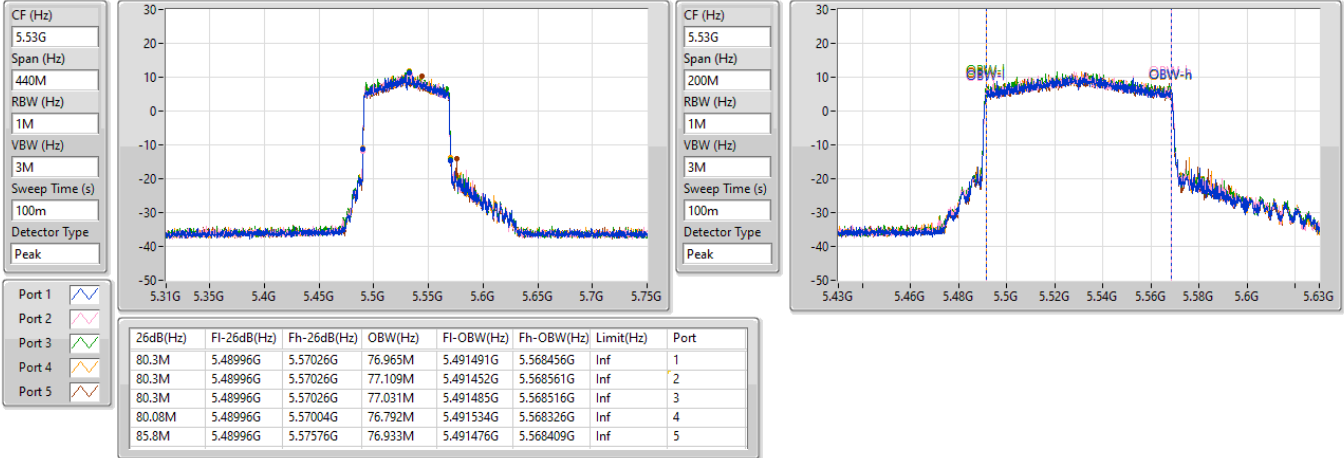




5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_5TX

EBW

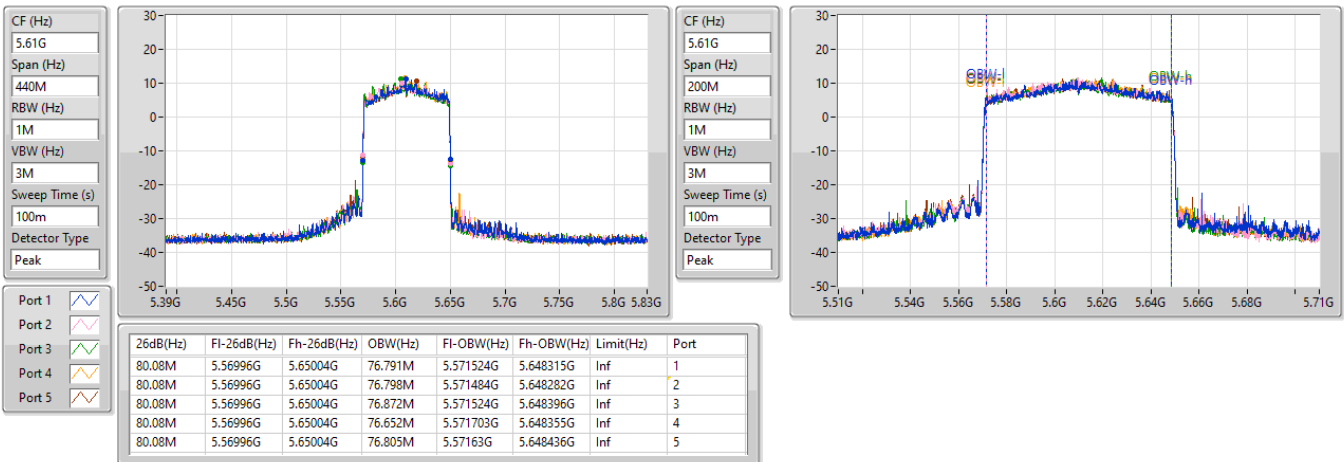
5530MHz



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_5TX

EBW

5610MHz

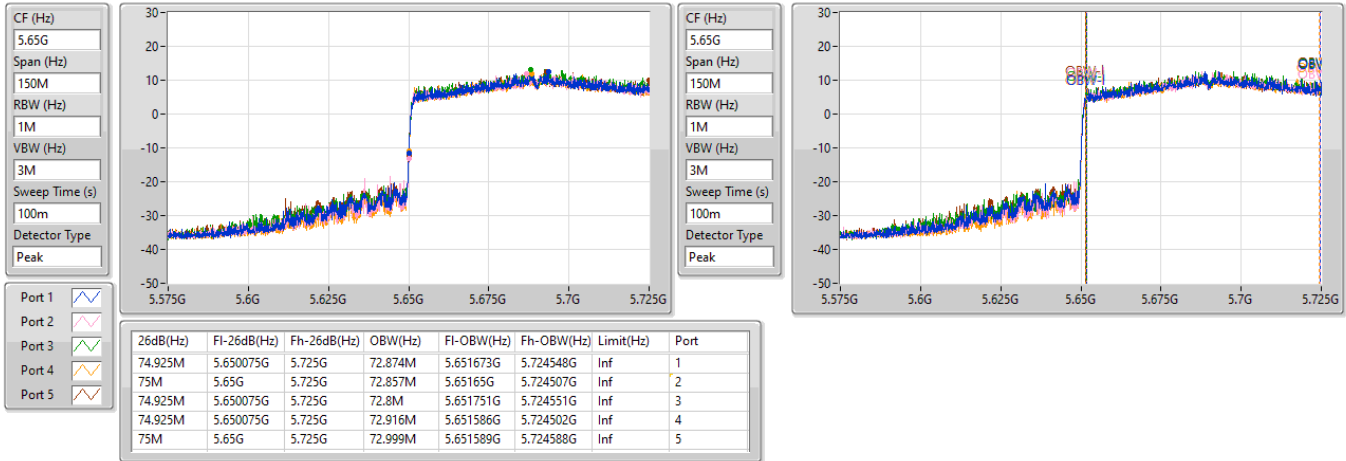




5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_5TX

EBW

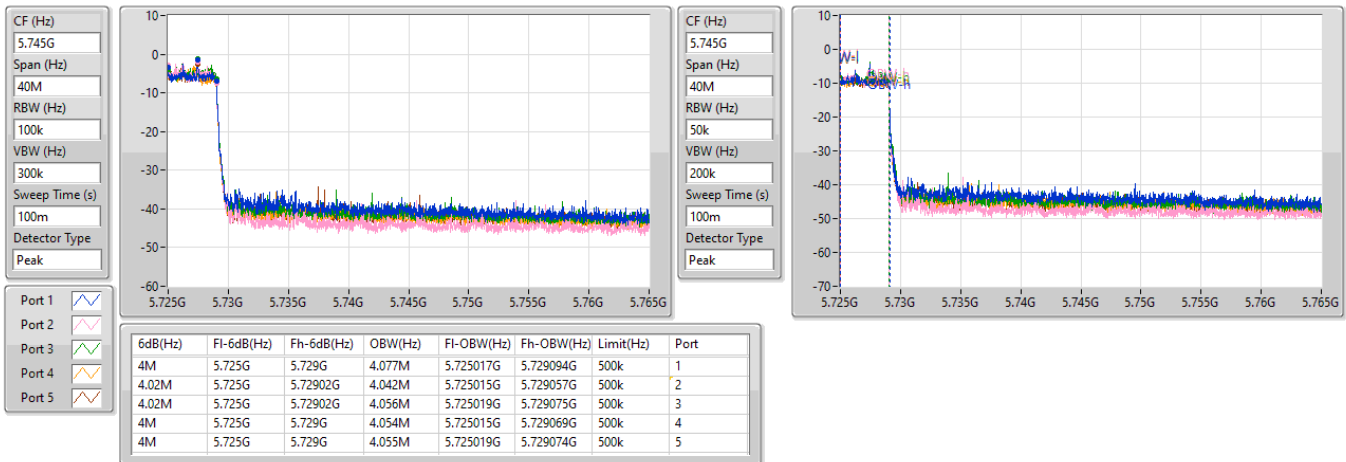
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_5TX

EBW

5690MHz Straddle 5.725-5.85GHz

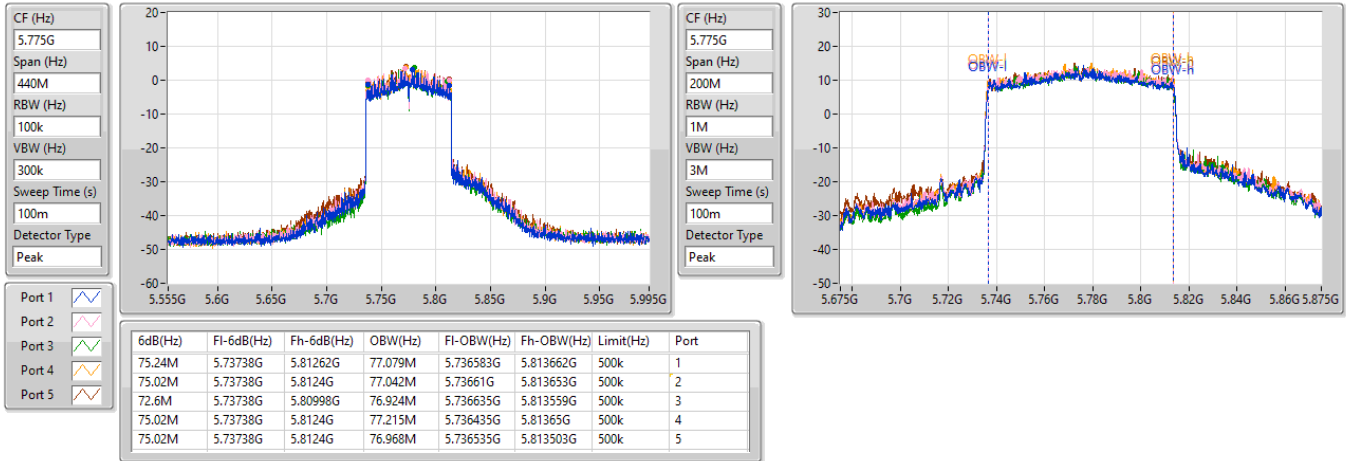




5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_5TX

EBW

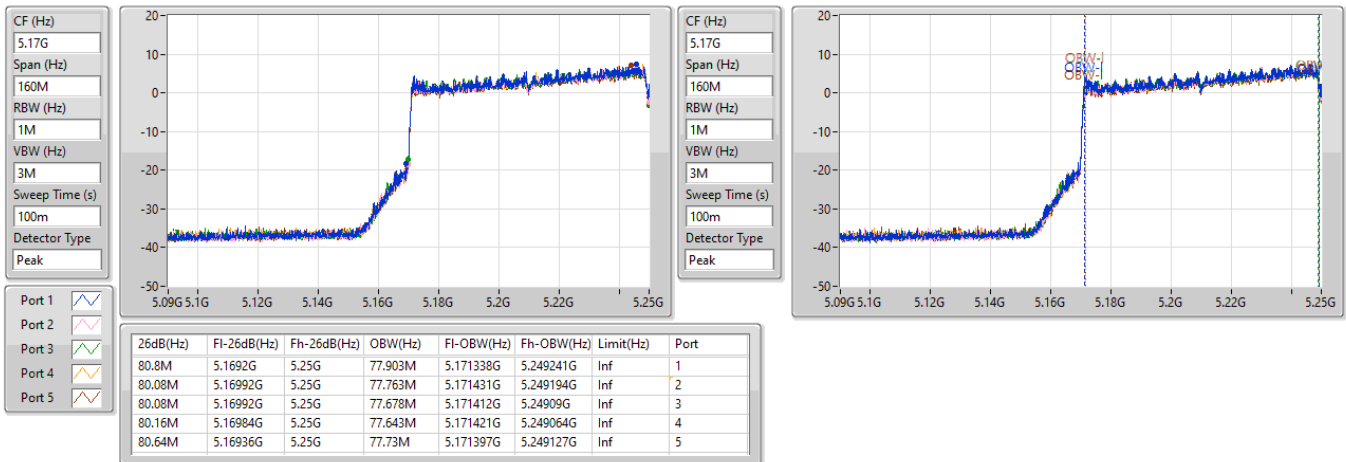
5775MHz



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_5TX

EBW

5250MHz Straddle 5.15-5.25GHz

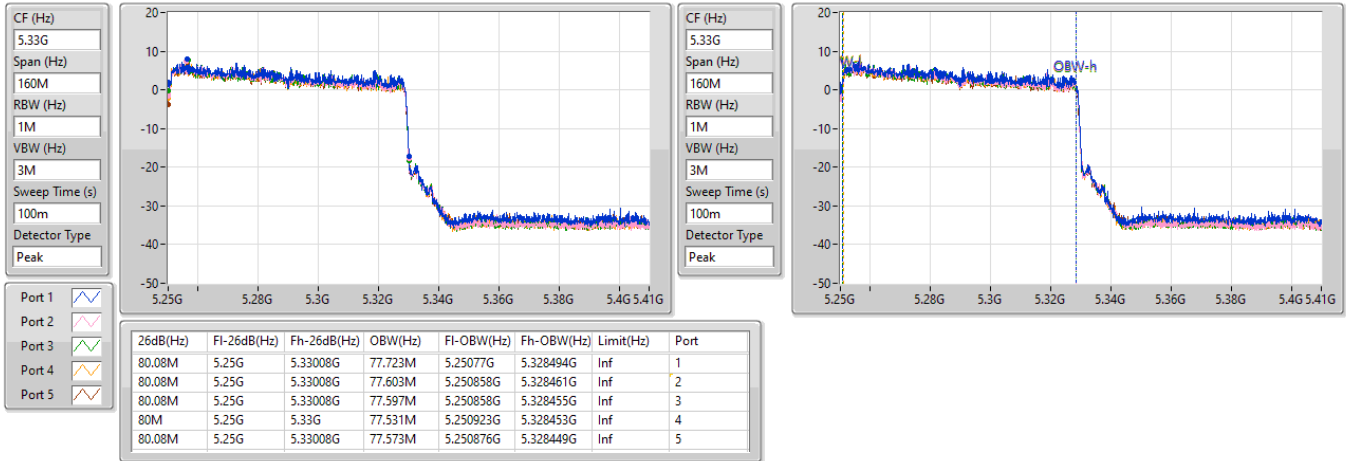




5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_5TX

EBW

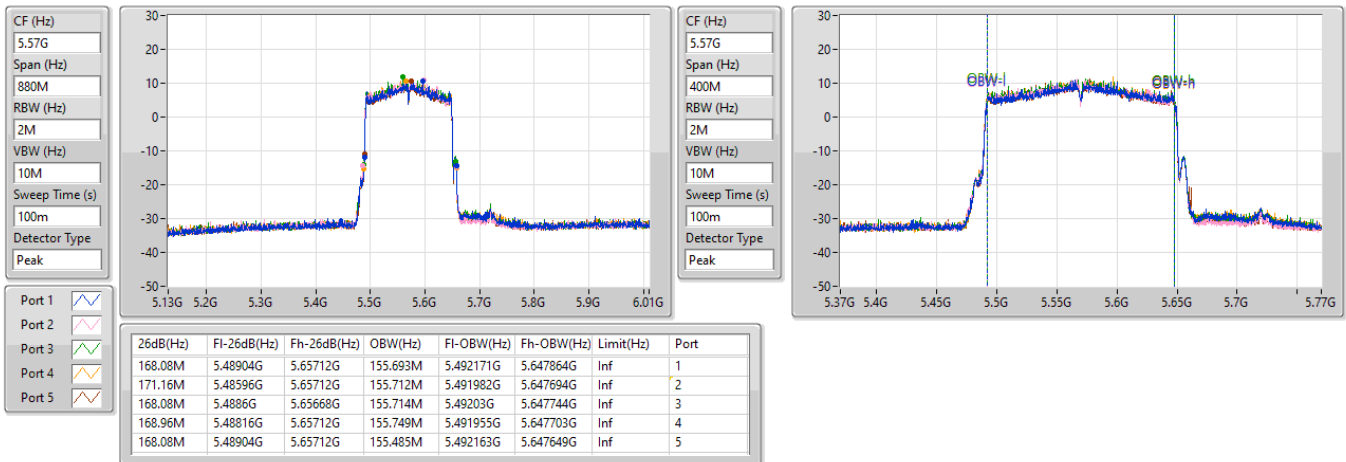
5250MHz Straddle 5.25-5.35GHz



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_5TX

EBW

5570MHz



Beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	39.27M	19.012M	19M0D1D	20.02M	18.85M
802.11be EHT40-BF_Nss1,(MCS0)_5TX	48.62M	37.663M	37M7D1D	39.38M	37.475M
802.11be EHT80-BF_Nss1,(MCS0)_5TX	80.3M	76.927M	76M9D1D	80.08M	76.821M
802.11be EHT160-BF_Nss1,(MCS0)_5TX	81.2M	77.741M	77M7D1D	80.16M	77.604M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	22.44M	18.868M	18M9D1D	19.855M	18.816M
802.11be EHT40-BF_Nss1,(MCS0)_5TX	40.04M	37.541M	37M5D1D	39.38M	37.467M
802.11be EHT80-BF_Nss1,(MCS0)_5TX	80.08M	77.03M	77M0D1D	80.08M	76.83M
802.11be EHT160-BF_Nss1,(MCS0)_5TX	80.24M	77.648M	77M6D1D	80M	77.424M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	24.805M	18.86M	18M9D1D	14.94M	14.388M
802.11be EHT40-BF_Nss1,(MCS0)_5TX	42.35M	37.561M	37M6D1D	34.79M	33.576M
802.11be EHT80-BF_Nss1,(MCS0)_5TX	80.3M	76.964M	77M0D1D	74.925M	72.763M
802.11be EHT160-BF_Nss1,(MCS0)_5TX	164.12M	155.839M	156MD1D	161.92M	155.543M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	18.865M	19.455M	19M5D1D	4.38M	4.49M
802.11be EHT40-BF_Nss1,(MCS0)_5TX	35.75M	37.79M	37M8D1D	3.94M	4.049M
802.11be EHT80-BF_Nss1,(MCS0)_5TX	75.46M	77.082M	77M1D1D	3.94M	4.055M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_5TX												
5180MHz	Pass	Inf	20.68M	18.856M	20.24M	18.857M	20.075M	18.852M	20.02M	18.85M	20.845M	18.867M
5200MHz	Pass	Inf	31.9M	18.937M	28.435M	18.958M	32.78M	18.927M	25.685M	18.908M	25.52M	18.902M
5240MHz	Pass	Inf	36.905M	18.99M	39.27M	19.012M	33.495M	18.98M	32.065M	18.96M	26.125M	18.942M
5260MHz	Pass	Inf	20.075M	18.819M	20.075M	18.819M	19.855M	18.831M	19.855M	18.816M	19.91M	18.821M
5300MHz	Pass	Inf	22.44M	18.831M	20.68M	18.847M	20.075M	18.857M	21.505M	18.841M	20.295M	18.841M
5320MHz	Pass	Inf	20.515M	18.857M	20.57M	18.868M	20.515M	18.866M	21.835M	18.868M	20.46M	18.859M
5500MHz	Pass	Inf	21.67M	18.844M	22.275M	18.852M	21.78M	18.86M	20.57M	18.853M	20.515M	18.836M
5580MHz	Pass	Inf	20.02M	18.82M	20.02M	18.817M	20.02M	18.826M	19.855M	18.822M	19.8M	18.809M
5680MHz	Pass	Inf	24.805M	18.839M	20.075M	18.848M	21.725M	18.856M	23.485M	18.837M	20.02M	18.854M
5700MHz	Pass	Inf	20.02M	18.848M	20.02M	18.845M	20.02M	18.858M	19.855M	18.839M	19.855M	18.848M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.955M	14.397M	14.955M	14.411M	14.955M	14.411M	14.955M	14.388M	14.94M	14.419M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.495M	4.38M	4.491M	4.42M	4.499M	4.46M	4.507M	4.4M	4.49M
5745MHz	Pass	500k	18.755M	19.006M	18.48M	19.041M	18.425M	18.95M	18.535M	19.026M	17.82M	19.135M
5785MHz	Pass	500k	18.59M	19.077M	18.425M	19.129M	17.82M	18.99M	18.755M	19.064M	18.645M	19.341M
5825MHz	Pass	500k	18.7M	19.171M	18.645M	19.076M	18.15M	19.03M	18.865M	19.038M	18.425M	19.455M
802.11be EHT40-BF_Nss1,(MCS0)_5TX												
5190MHz	Pass	Inf	39.6M	37.522M	41.14M	37.486M	39.6M	37.503M	39.49M	37.508M	39.49M	37.475M
5230MHz	Pass	Inf	47.85M	37.663M	48.62M	37.631M	45.1M	37.601M	47.52M	37.64M	39.38M	37.55M
5270MHz	Pass	Inf	39.49M	37.471M	39.49M	37.468M	39.49M	37.482M	39.6M	37.48M	39.49M	37.491M
5310MHz	Pass	Inf	39.93M	37.529M	39.38M	37.541M	39.71M	37.467M	39.49M	37.541M	40.04M	37.502M
5510MHz	Pass	Inf	40.48M	37.486M	39.6M	37.561M	40.04M	37.52M	42.35M	37.561M	39.49M	37.511M
5590MHz	Pass	Inf	39.6M	37.431M	39.49M	37.474M	39.6M	37.462M	39.49M	37.494M	39.49M	37.466M
5670MHz	Pass	Inf	39.6M	37.542M	39.6M	37.524M	39.49M	37.534M	39.6M	37.496M	39.6M	37.475M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.825M	33.621M	34.825M	33.578M	34.86M	33.655M	34.79M	33.576M	35M	33.594M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.058M	3.94M	4.056M	4.04M	4.049M	4.02M	4.056M	3.98M	4.056M
5755MHz	Pass	500k	35.09M	37.754M	34.98M	37.708M	34.98M	37.654M	35.31M	37.726M	34.87M	37.79M
5795MHz	Pass	500k	34.98M	37.685M	32.67M	37.693M	35.09M	37.643M	35.09M	37.72M	35.75M	37.775M
802.11be EHT80-BF_Nss1,(MCS0)_5TX												
5210MHz	Pass	Inf	80.08M	76.927M	80.3M	76.898M	80.08M	76.821M	80.3M	76.914M	80.3M	76.848M
5290MHz	Pass	Inf	80.08M	76.962M	80.08M	76.95M	80.08M	77.03M	80.08M	76.942M	80.08M	76.83M
5530MHz	Pass	Inf	80.3M	76.907M	80.08M	76.875M	80.08M	76.964M	80.3M	76.959M	80.08M	76.763M
5610MHz	Pass	Inf	80.08M	76.73M	79.86M	76.732M	80.08M	76.858M	80.08M	76.835M	80.08M	76.83M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75M	72.908M	74.925M	72.84M	75.075M	72.782M	75M	72.763M	75M	72.907M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.076M	3.96M	4.057M	3.94M	4.055M	3.96M	4.067M	3.98M	4.074M
5775MHz	Pass	500k	71.5M	77.082M	75.02M	77.073M	75.46M	76.881M	73.7M	77.007M	72.6M	77.053M



Emission Bandwidth

Appendix A

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)	Port 5-N dB (Hz)	Port 5-OBW (Hz)
802.11be EHT160-BF_Nss1,(MCS0)_5TX												
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.24M	77.737M	80.16M	77.617M	81.2M	77.741M	80.16M	77.623M	80.24M	77.604M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.08M	77.648M	80.24M	77.548M	80M	77.424M	80.08M	77.626M	80M	77.492M
5570MHz	Pass	Inf	163.68M	155.791M	162.8M	155.679M	161.92M	155.769M	162.36M	155.839M	164.12M	155.543M

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

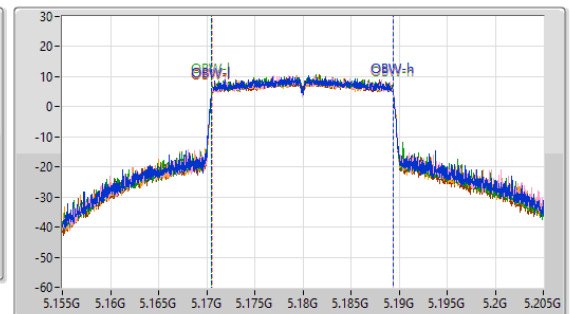
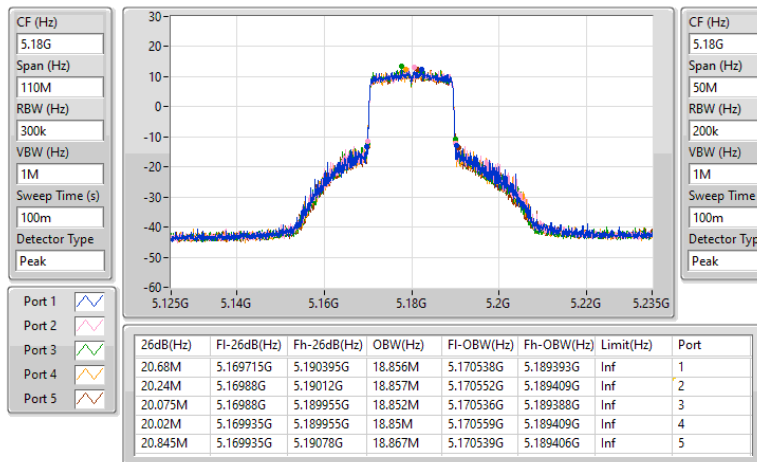
Port X-OBW = Port X 99% occupied bandwidth



5.15-5.25GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

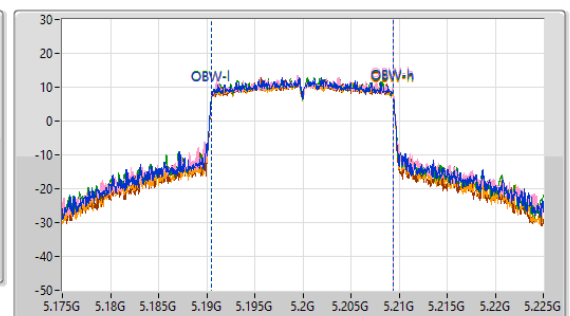
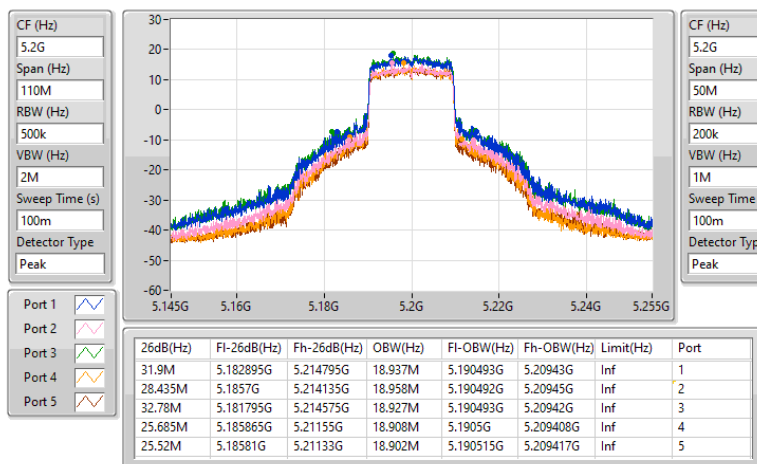
5180MHz



5.15-5.25GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

5200MHz

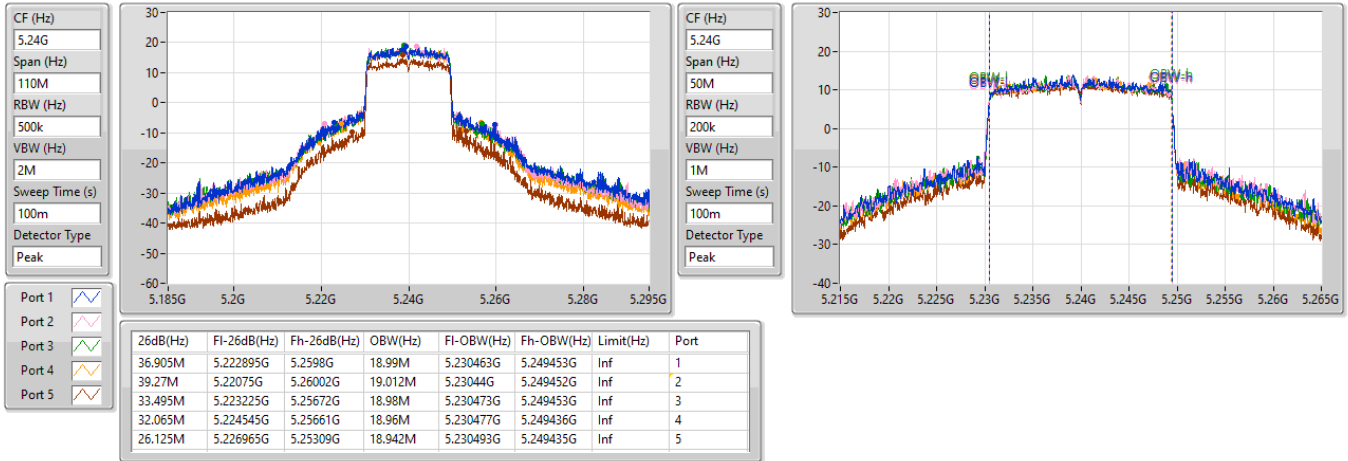




5.15-5.25GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

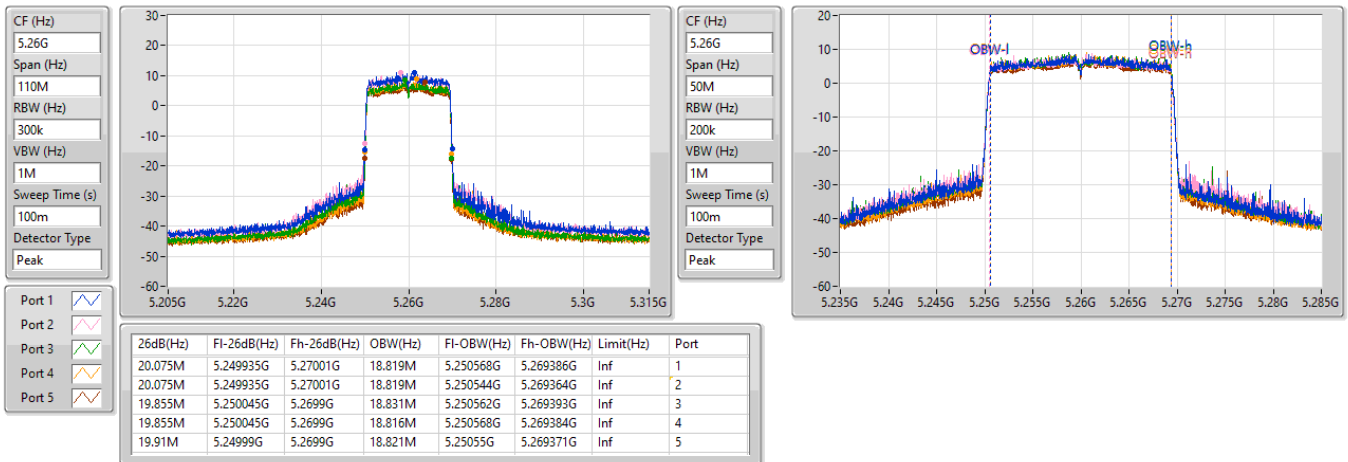
5240MHz



5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

5260MHz

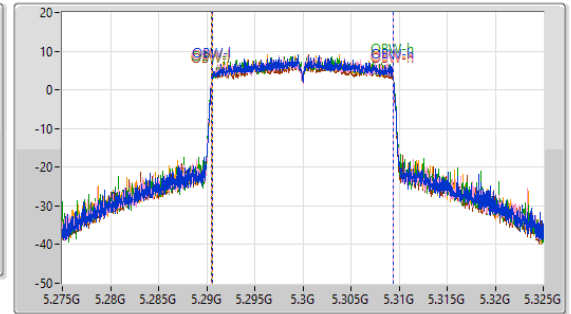
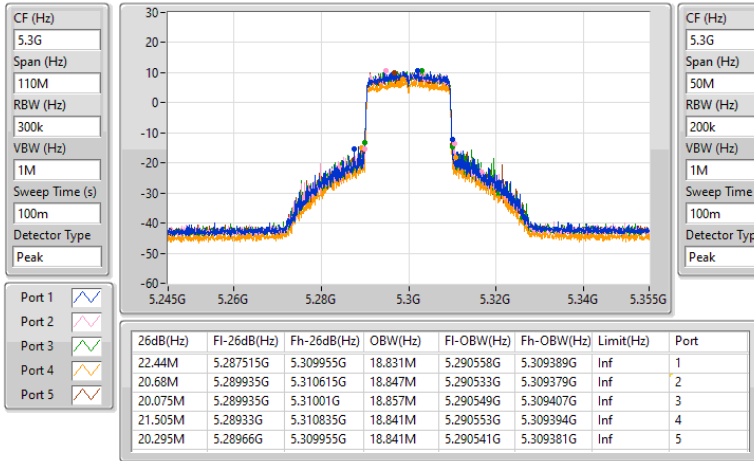




5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

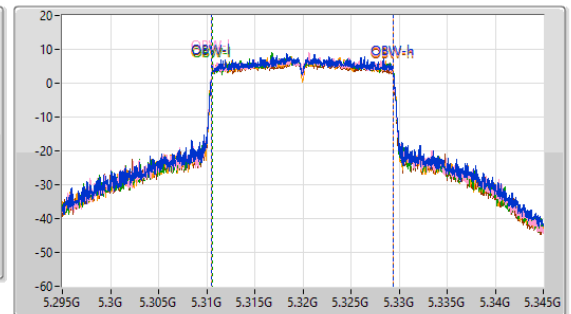
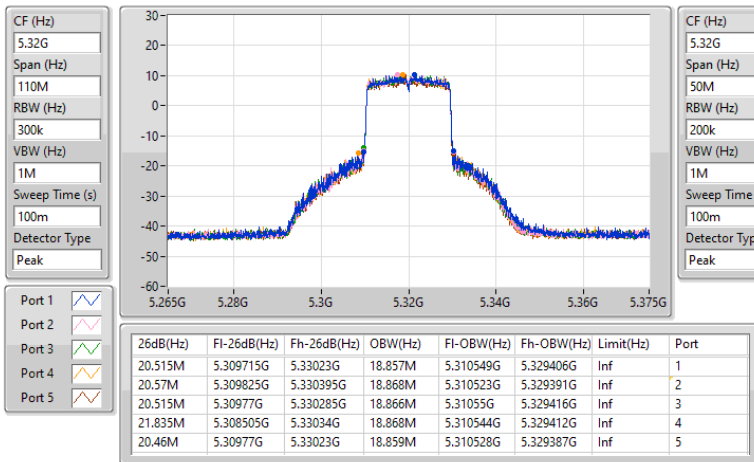
5300MHz



5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

5320MHz

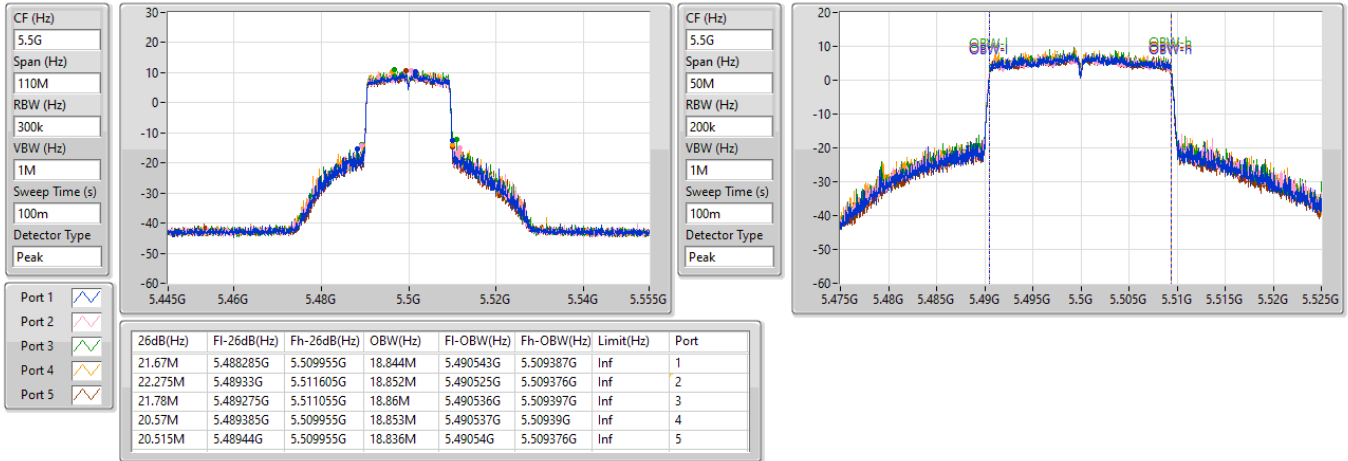




5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

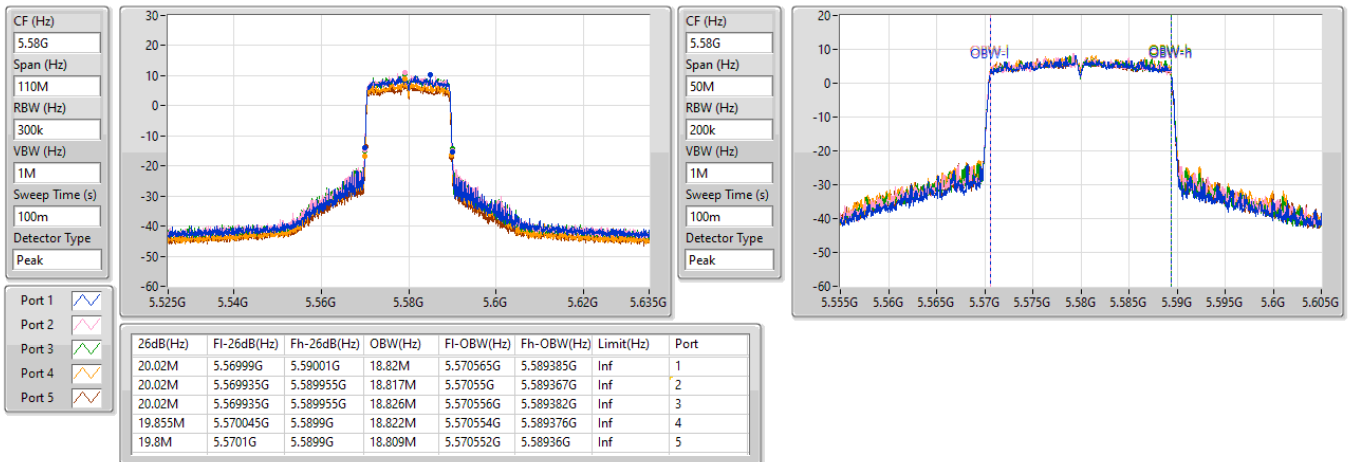
5500MHz



5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

5580MHz

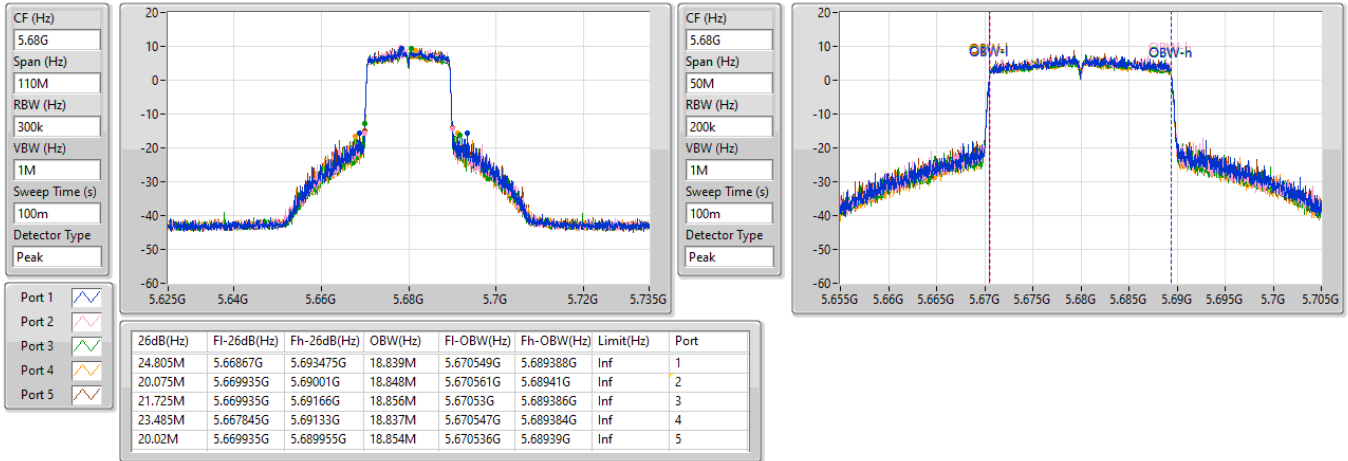




5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

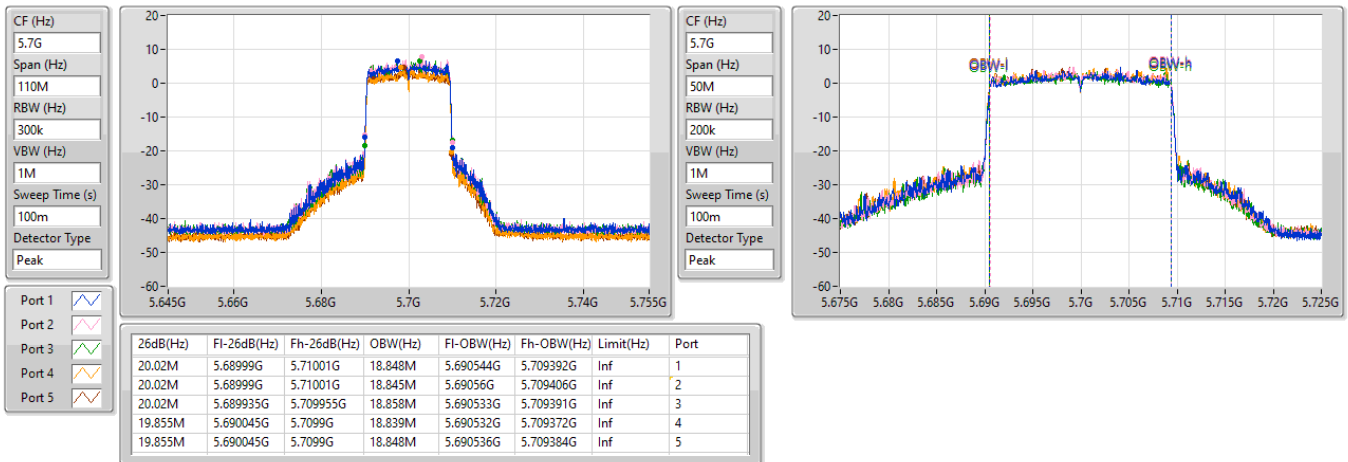
5680MHz



5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

5700MHz

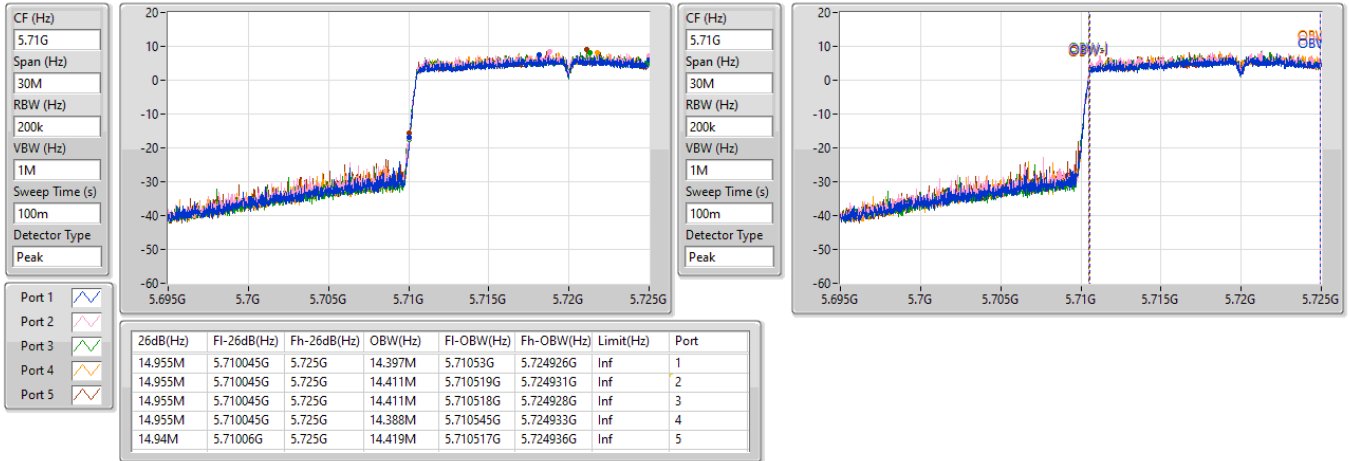




5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

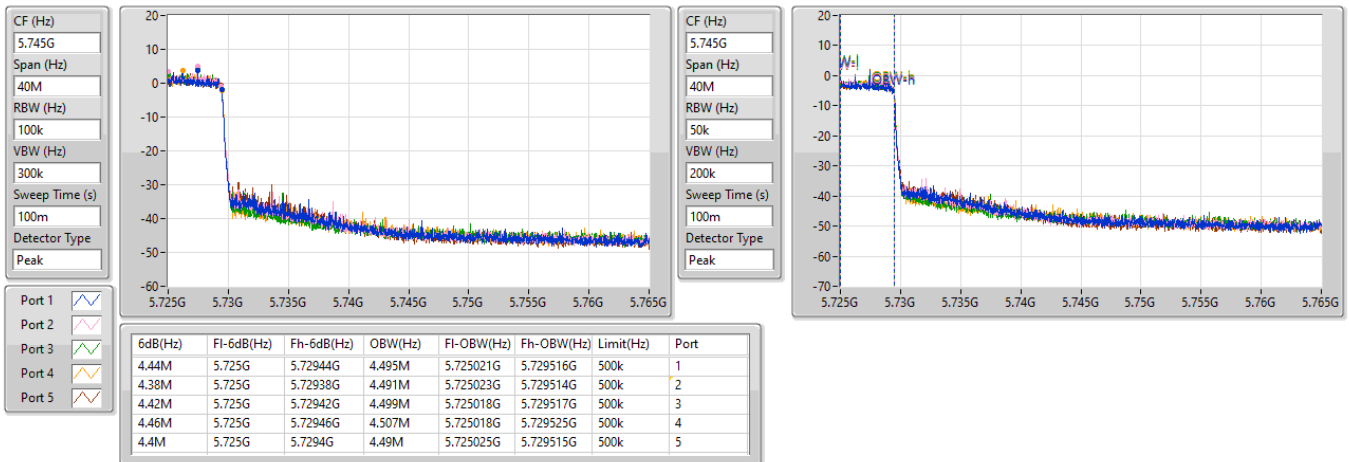
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

5720MHz Straddle 5.725-5.85GHz

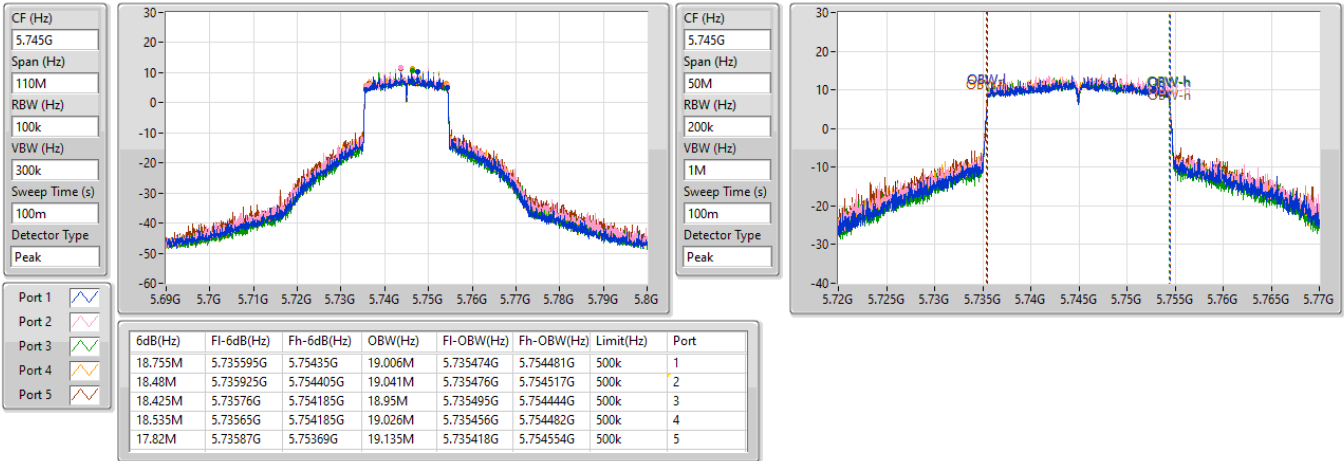




5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

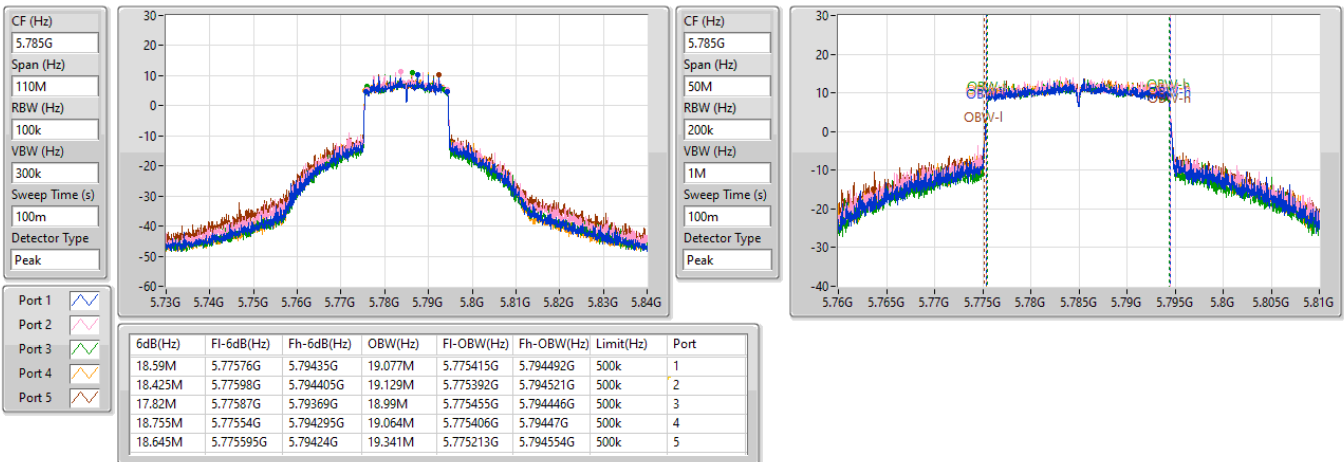
5745MHz



5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

5785MHz

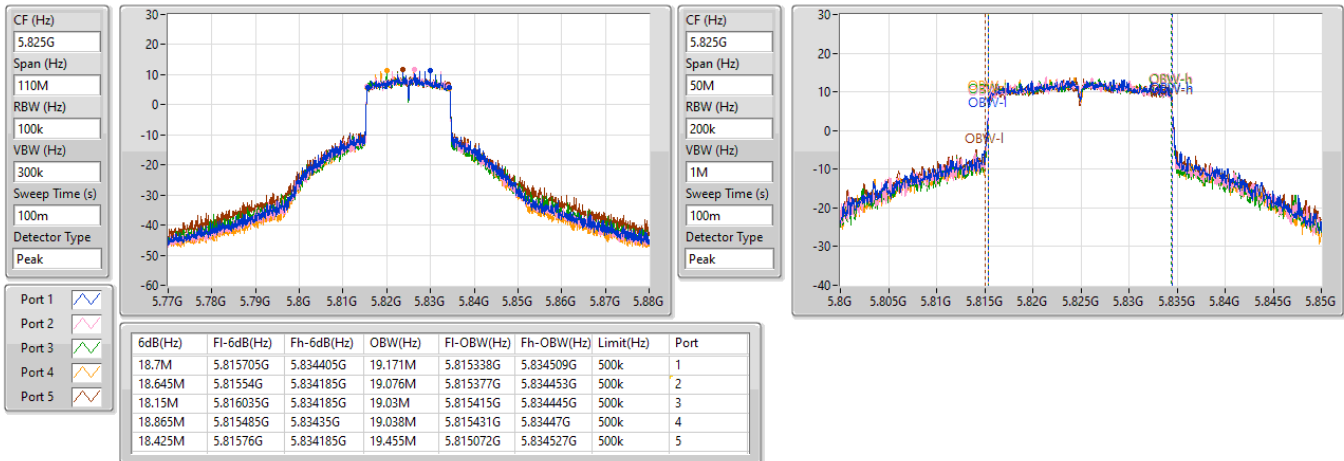




5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

EBW

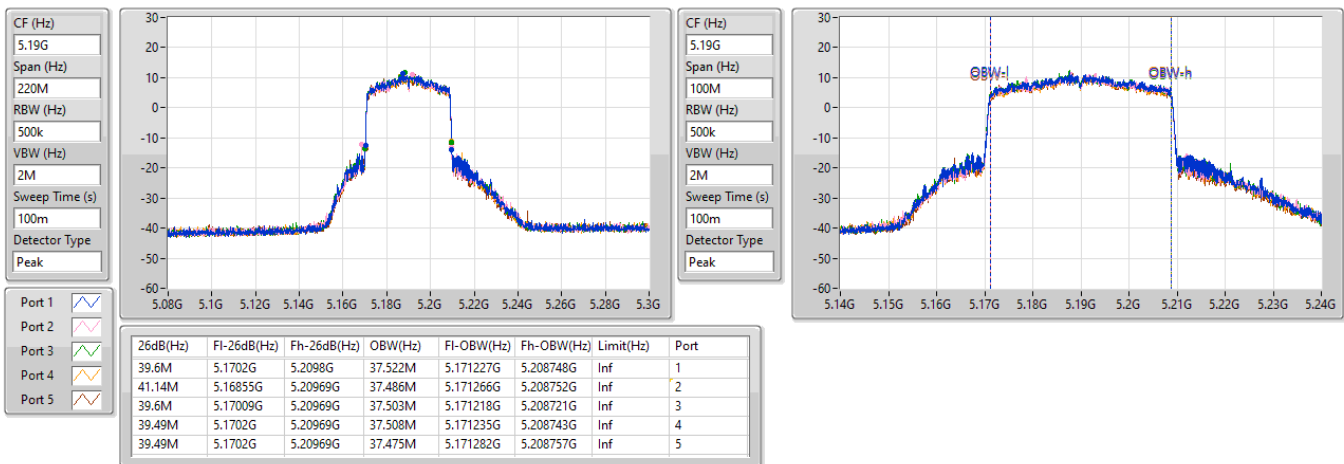
5825MHz



5.15-5.25GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

5190MHz

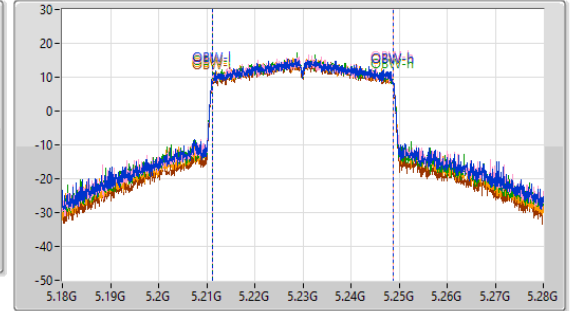
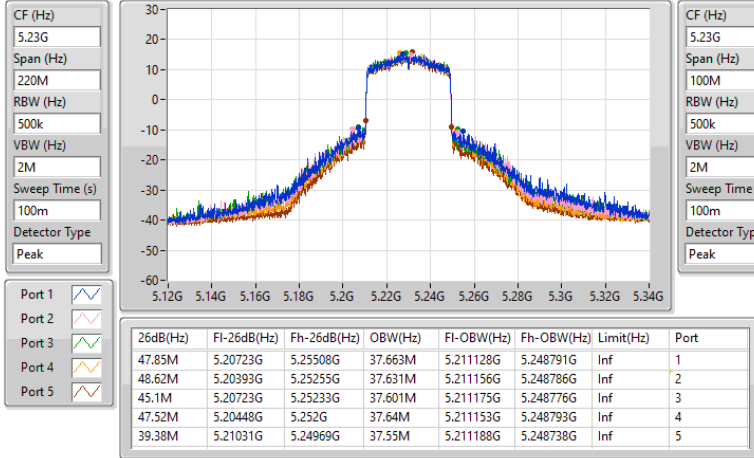




5.15-5.25GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

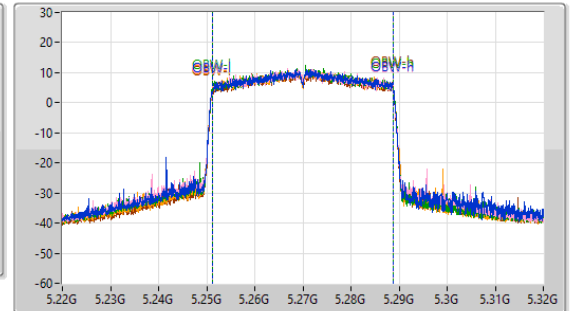
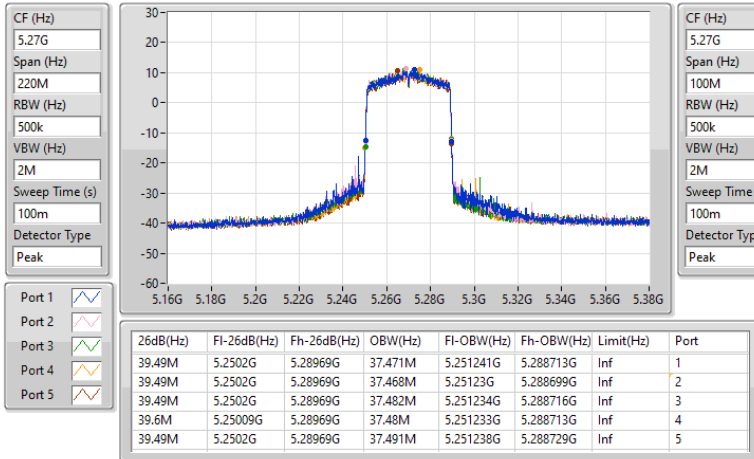
5230MHz



5.25-5.35GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

5270MHz

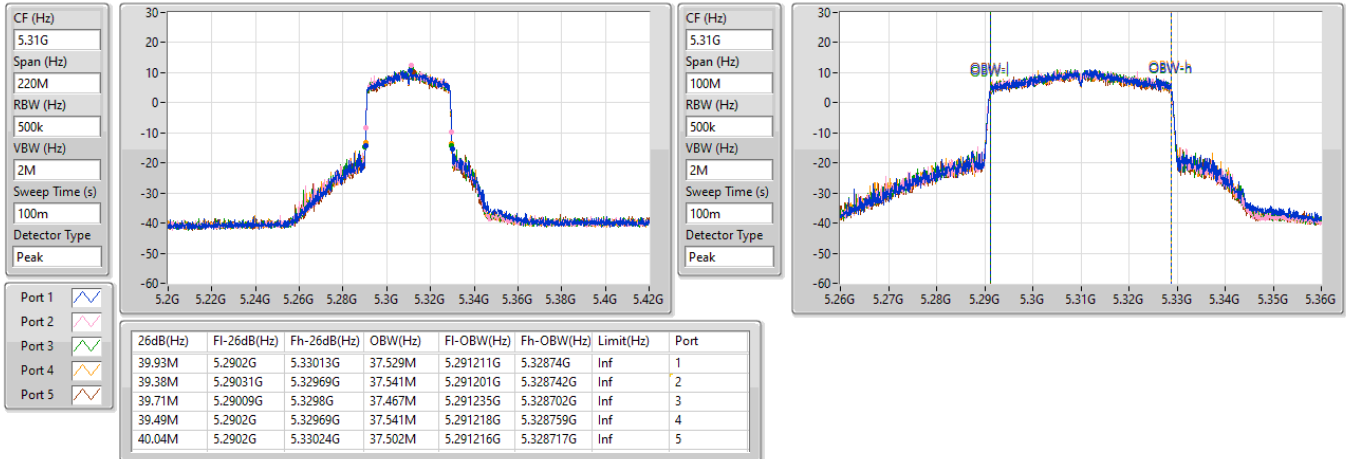




5.25-5.35GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

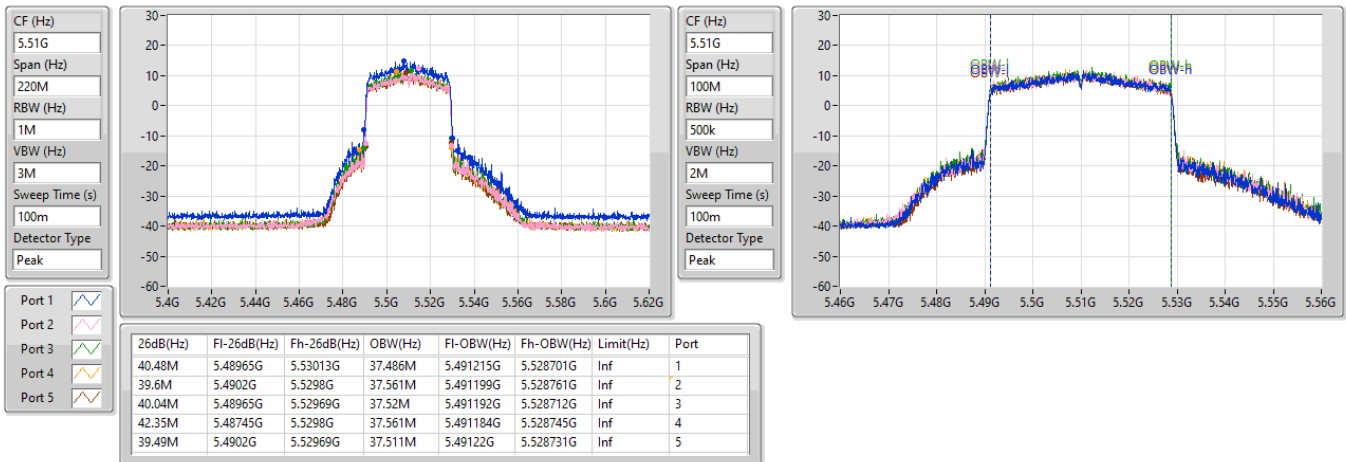
5310MHz



5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

5510MHz

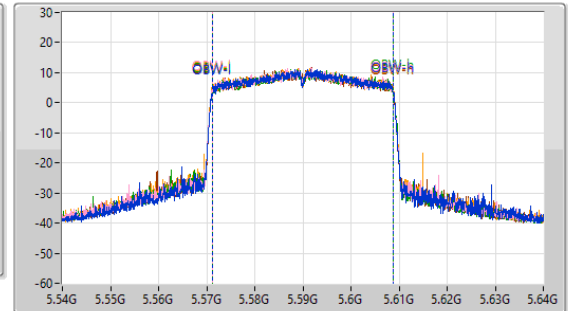
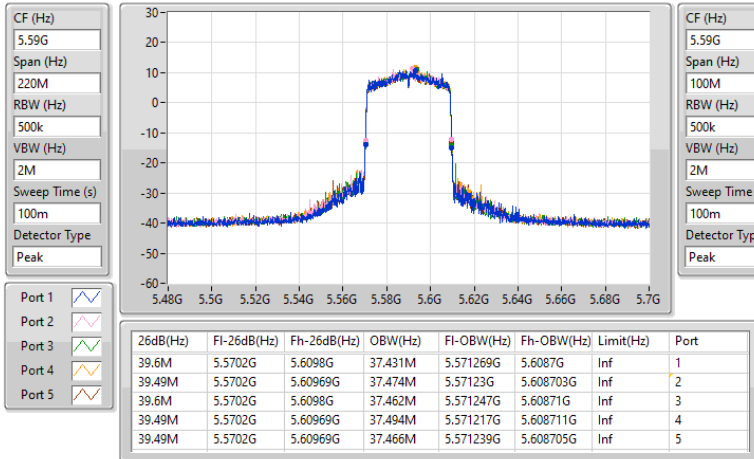




5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

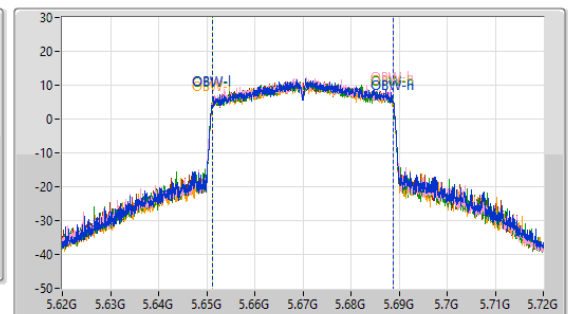
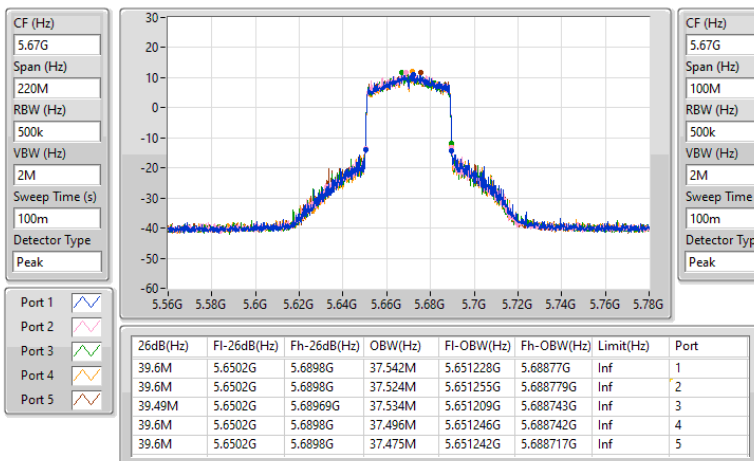
5590MHz



5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

5670MHz

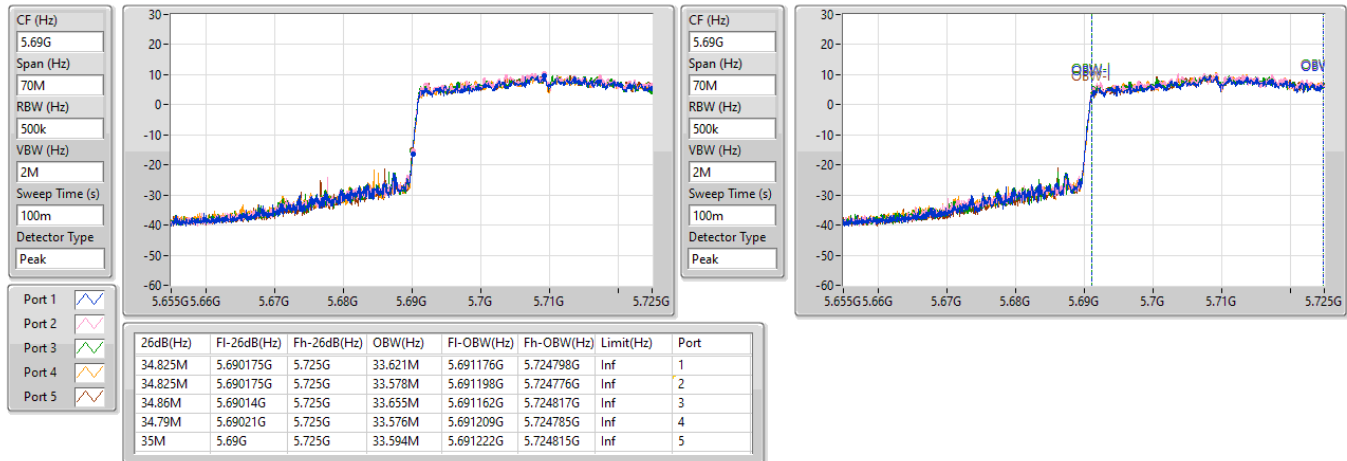




5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

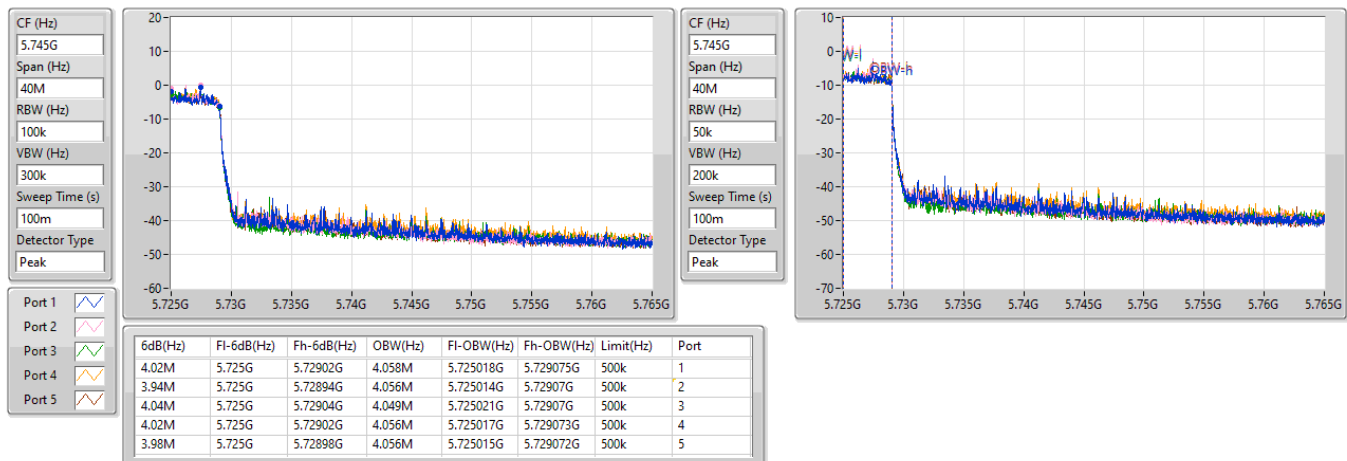
5710MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

5710MHz Straddle 5.725-5.85GHz

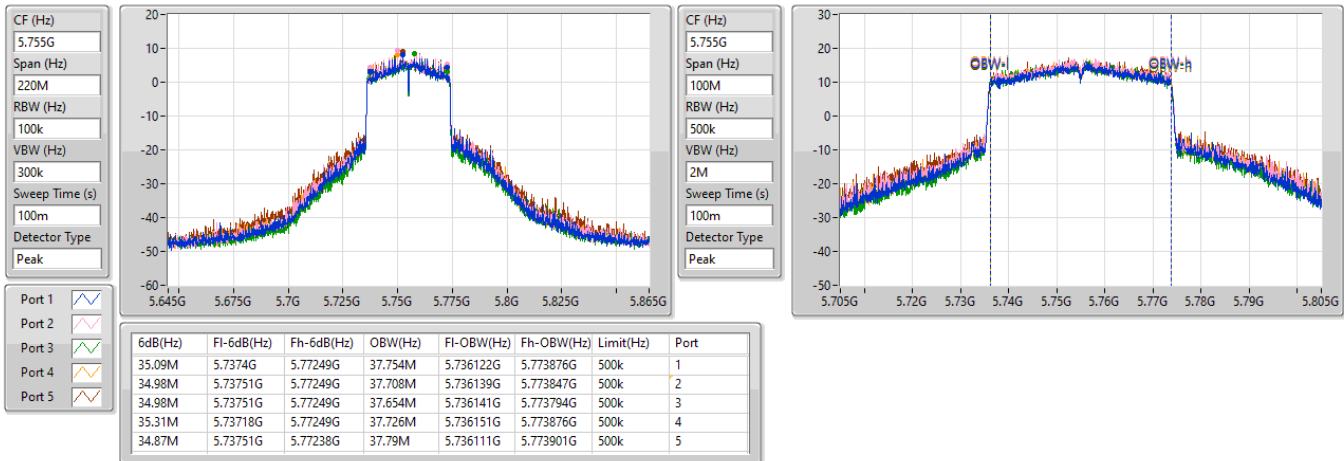




5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

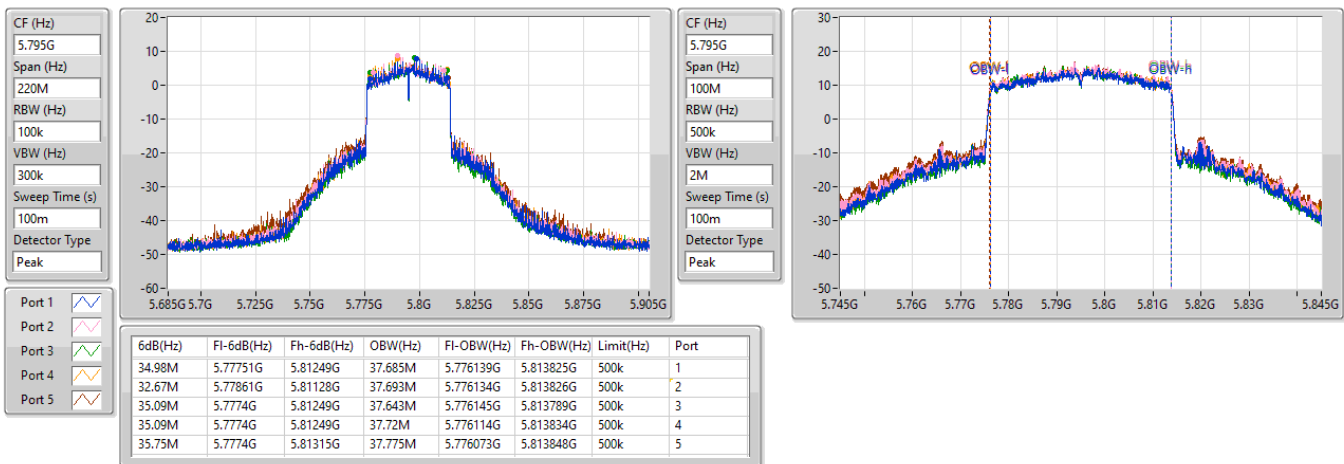
5755MHz



5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

EBW

5795MHz

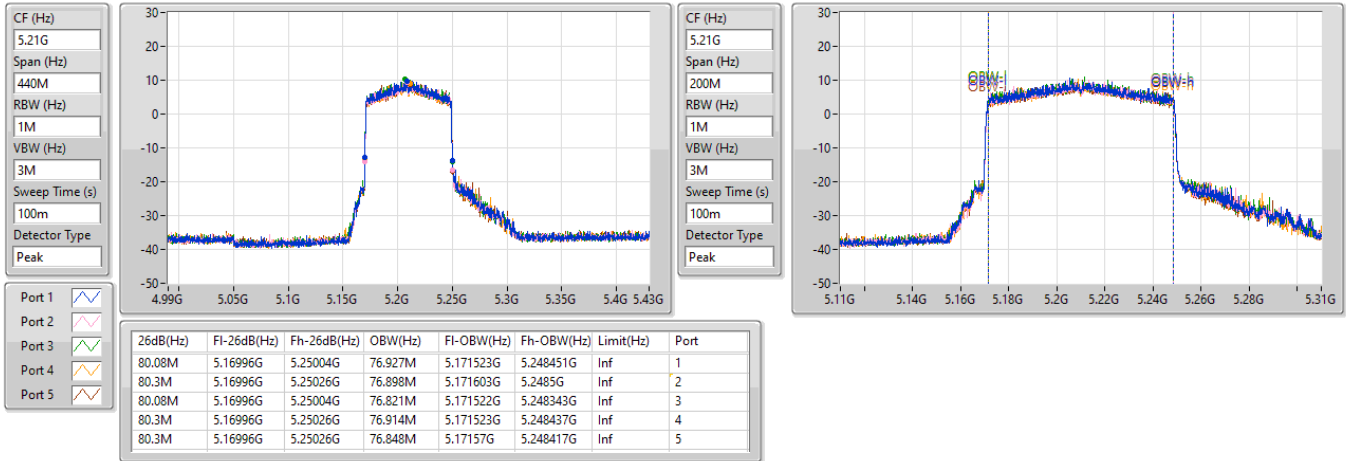




5.15-5.25GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

EBW

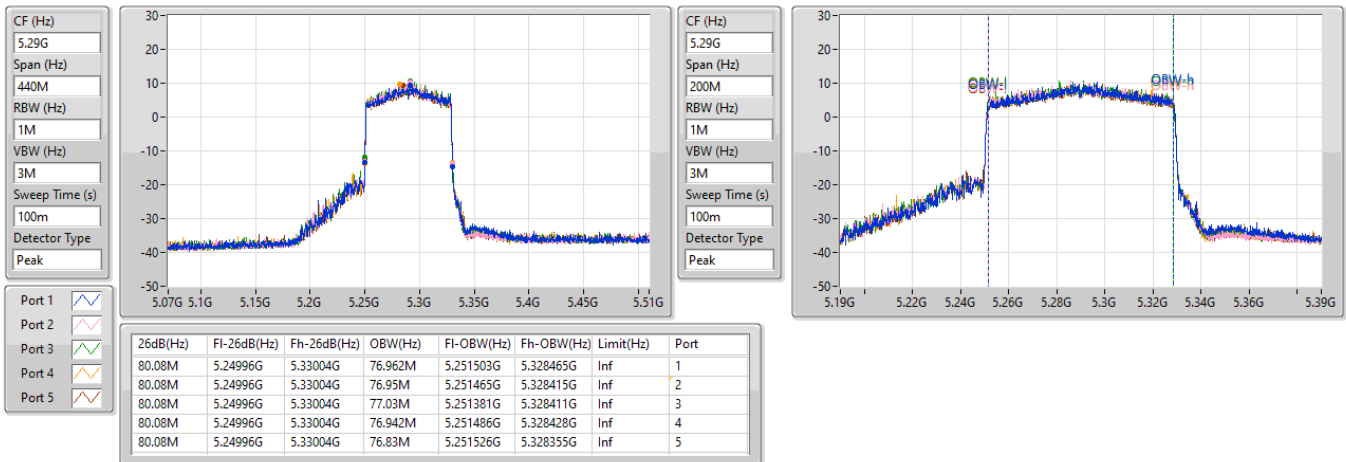
5210MHz



5.25-5.35GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

EBW

5290MHz

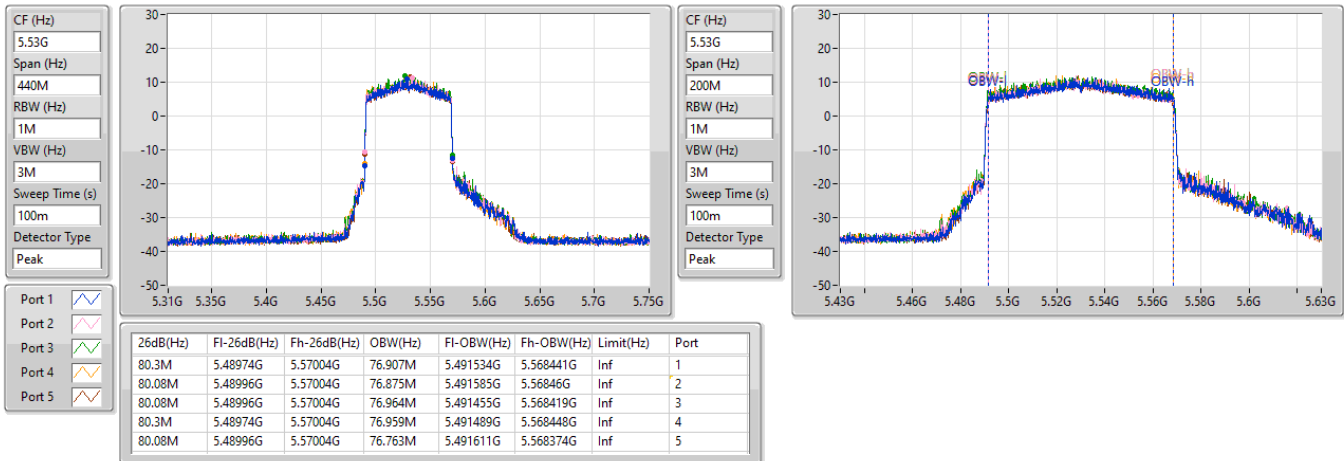




5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

EBW

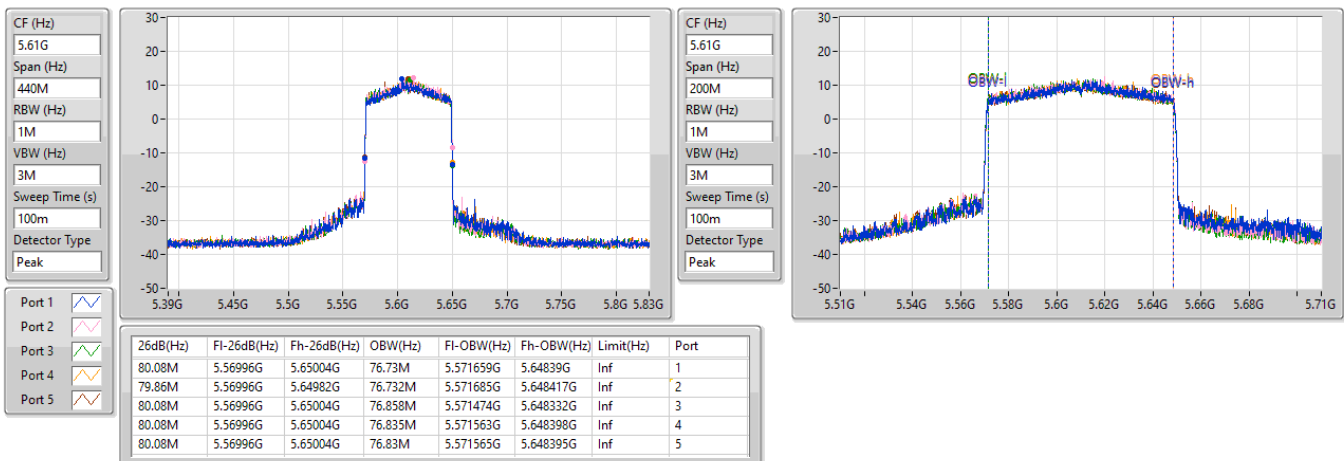
5530MHz



5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

EBW

5610MHz

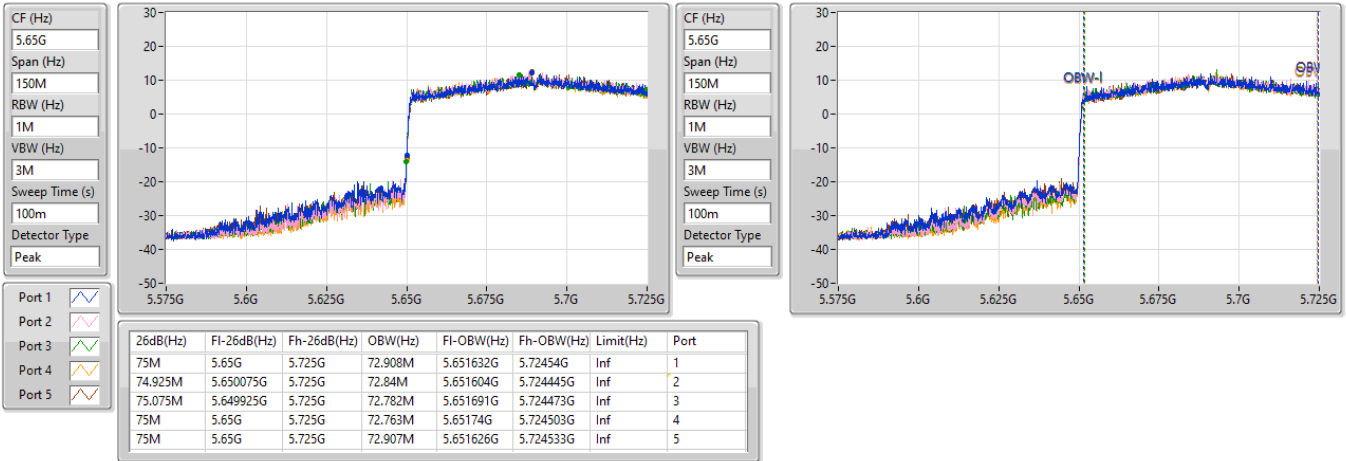




5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

EBW

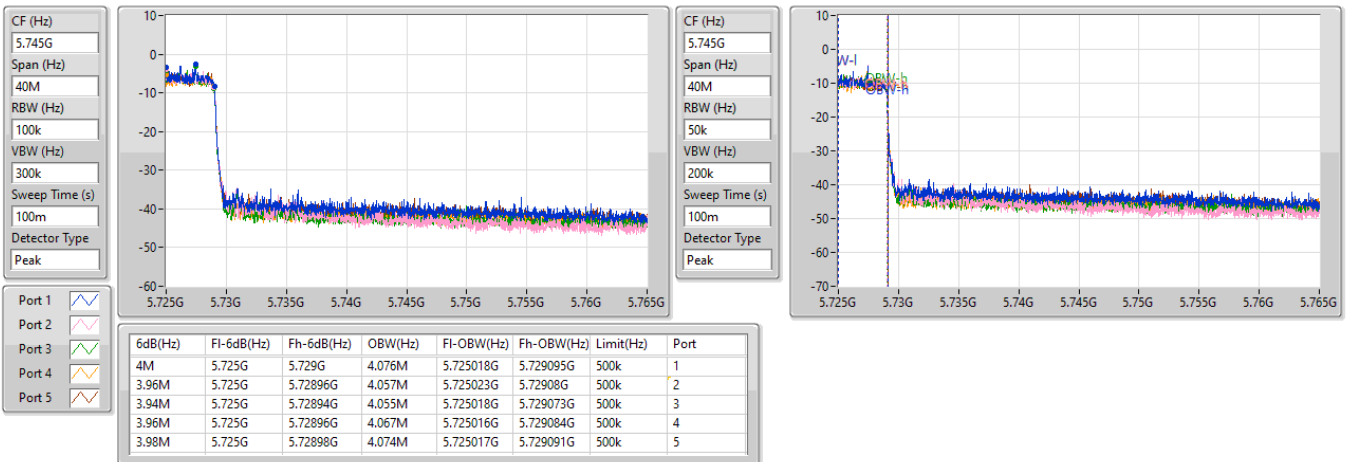
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

EBW

5690MHz Straddle 5.725-5.85GHz

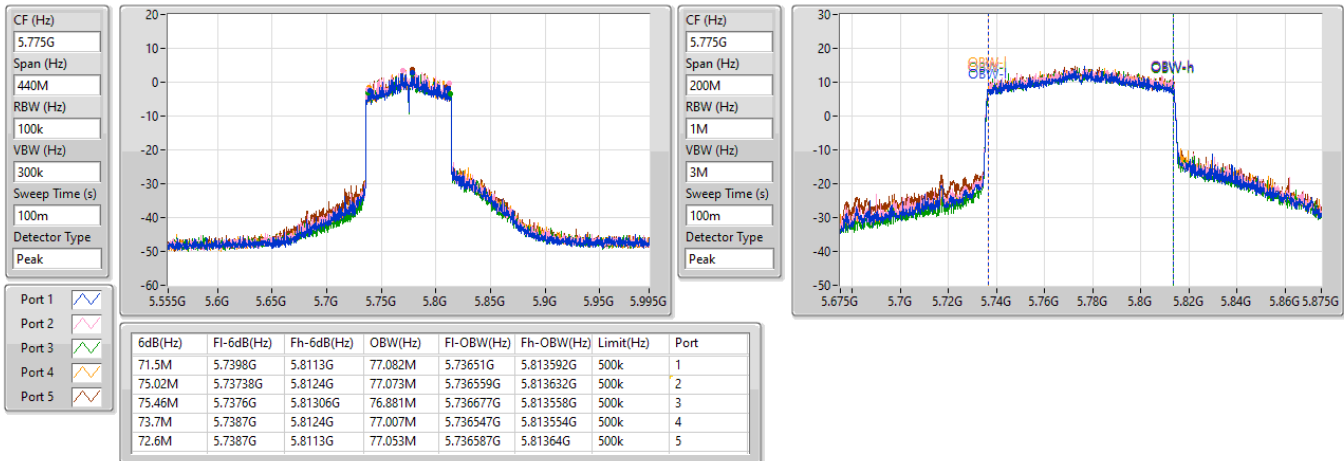




5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

EBW

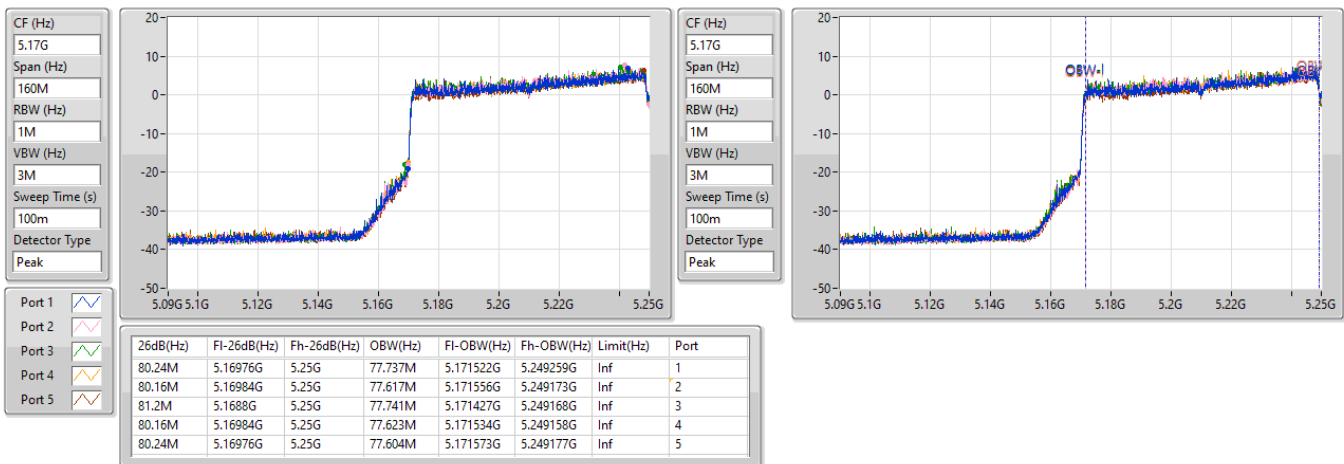
5775MHz



5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_5TX

EBW

5250MHz Straddle 5.15-5.25GHz

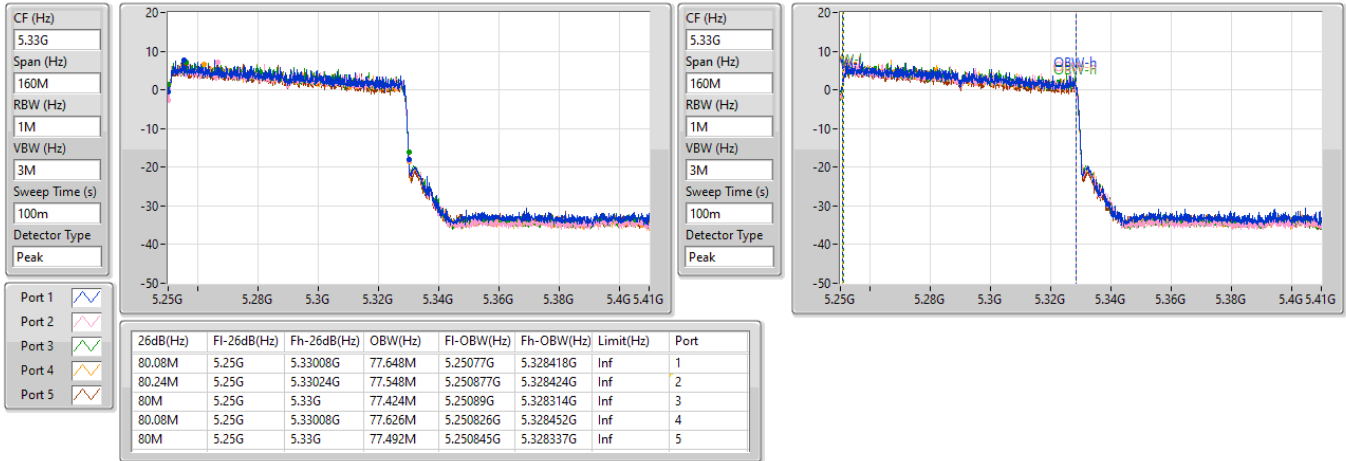




5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_5TX

EBW

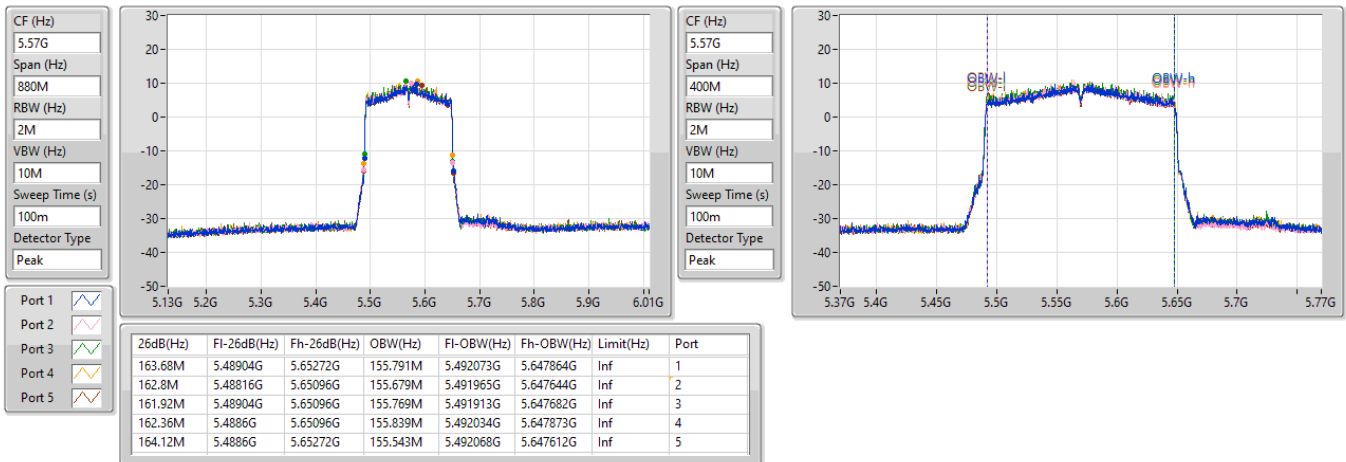
5250MHz Straddle 5.25-5.35GHz



5.47-5.725GHz_802.11be EHT160-BF_Nss1,(MCS0)_5TX

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)_5TX	29.13	0.81846	34.42	2.76694
802.11be EHT20_Nss1,(MCS0)_5TX	29.76	0.94624	35.05	3.19890
802.11be EHT40_Nss1,(MCS0)_5TX	28.01	0.63241	33.30	2.13796
802.11be EHT80_Nss1,(MCS0)_5TX	23.80	0.23988	29.09	0.81096
802.11be EHT160_Nss1,(MCS0)_5TX	19.13	0.08185	24.42	0.27669
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_5TX	23.15	0.20654	28.94	0.78343
802.11be EHT20_Nss1,(MCS0)_5TX	23.83	0.24155	29.62	0.91622
802.11be EHT40_Nss1,(MCS0)_5TX	23.66	0.23227	29.45	0.88105
802.11be EHT80_Nss1,(MCS0)_5TX	22.38	0.17298	28.17	0.65615
802.11be EHT160_Nss1,(MCS0)_5TX	19.23	0.08375	25.02	0.31769
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_5TX	23.06	0.20230	28.91	0.77804
802.11be EHT20_Nss1,(MCS0)_5TX	23.43	0.22029	29.28	0.84723
802.11be EHT40_Nss1,(MCS0)_5TX	23.90	0.24547	29.75	0.94406
802.11be EHT80_Nss1,(MCS0)_5TX	23.77	0.23823	29.62	0.91622
802.11be EHT160_Nss1,(MCS0)_5TX	22.80	0.19055	28.65	0.73282
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_5TX	29.84	0.96383	35.75	3.75837
802.11be EHT20_Nss1,(MCS0)_5TX	29.55	0.90157	35.46	3.51560
802.11be EHT40_Nss1,(MCS0)_5TX	29.40	0.87096	35.31	3.39625
802.11be EHT80_Nss1,(MCS0)_5TX	26.70	0.46774	32.61	1.82390

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_5TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.29	20.85	20.61	21.02	20.83	20.24	27.71	30.00	33.00	36.00
5200MHz	Pass	5.29	22.19	21.91	22.26	22.09	21.62	29.01	30.00	34.30	36.00
5240MHz	Pass	5.29	22.27	22.25	22.36	22.19	21.58	29.13	30.00	34.42	36.00
5260MHz	Pass	5.79	16.39	16.17	16.32	16.19	15.64	23.14	23.62	28.93	29.62
5300MHz	Pass	5.79	16.28	16.15	16.25	16.21	15.71	23.11	23.81	28.90	29.81
5320MHz	Pass	5.79	16.3	16.12	16.36	16.18	15.81	23.15	24.00	28.94	30.00
5500MHz	Pass	5.85	16.01	15.83	16.45	16.01	15.74	23.00	24.00	28.85	30.00
5580MHz	Pass	5.85	16.11	16.01	16.05	16.24	15.75	23.02	23.60	28.87	29.60
5700MHz	Pass	5.85	15.64	16.26	16.07	16.32	16.01	23.06	24.00	28.91	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	14.62	15.2	15.1	15.54	15.38	22.17	22.52	28.02	28.52
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	8.58	8.69	8.52	8.44	8.28	15.49	30.00	21.40	36.00
5745MHz	Pass	5.91	22.25	23.21	22.57	23.04	23.01	29.82	30.00	35.73	36.00
5785MHz	Pass	5.91	22.21	23.32	22.56	23.03	23.02	29.84	30.00	35.75	36.00
5825MHz	Pass	5.91	22.51	23.11	22.96	22.94	22.65	29.83	30.00	35.74	36.00
802.11be EHT20_Nss1,(MCS0)_5TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.29	19.78	19.32	19.74	19.56	19.06	26.49	30.00	31.78	36.00
5200MHz	Pass	5.29	22.32	22.07	22.28	22.16	21.62	29.09	30.00	34.38	36.00
5240MHz	Pass	5.29	22.92	22.86	23.01	22.72	22.31	29.76	30.00	35.05	36.00
5260MHz	Pass	5.79	17.12	16.88	17.01	16.78	16.38	23.83	23.97	29.62	29.97
5300MHz	Pass	5.79	17.03	16.86	17.02	16.75	16.45	23.82	24.00	29.61	30.00
5320MHz	Pass	5.79	17.05	16.91	16.87	16.85	16.49	23.83	24.00	29.62	30.00
5500MHz	Pass	5.85	16.55	16.23	16.73	16.41	16.17	23.41	23.98	29.26	29.98
5580MHz	Pass	5.85	16.55	16.54	16.48	16.45	16.15	23.43	23.95	29.28	29.95
5680MHz	Pass	5.85	16.49	16.48	16.44	16.39	16.12	23.38	24.00	29.23	30.00
5700MHz	Pass	5.85	15.19	15.58	15.86	15.95	15.83	22.68	24.00	28.53	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	14.88	15.35	15.47	15.67	15.44	22.36	22.74	28.21	28.74
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	9.19	9.75	9.85	10.02	9.82	16.72	30.00	22.63	36.00
5745MHz	Pass	5.91	21.91	22.82	22.41	22.79	22.68	29.52	30.00	35.43	36.00
5785MHz	Pass	5.91	22.01	22.83	22.43	22.78	22.7	29.55	30.00	35.46	36.00
5825MHz	Pass	5.91	22.48	22.51	22.62	22.72	22.27	29.51	30.00	35.42	36.00
802.11be EHT40_Nss1,(MCS0)_5TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.29	18.02	17.63	18.04	17.89	17.5	24.81	30.00	30.10	36.00
5230MHz	Pass	5.29	21.21	21.08	21.27	21.09	20.42	28.01	30.00	33.30	36.00
5270MHz	Pass	5.79	16.81	16.58	16.62	16.58	16.21	23.55	24.00	29.34	30.00
5310MHz	Pass	5.79	16.85	16.66	16.85	16.76	16.19	23.66	24.00	29.45	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	5.85	16.56	16.52	17.02	16.68	16.15	23.58	24.00	29.43	30.00
5590MHz	Pass	5.85	16.28	17.01	17.03	16.75	16.43	23.70	24.00	29.55	30.00
5670MHz	Pass	5.85	17.05	17.16	16.9	16.63	16.79	23.90	24.00	29.75	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.85	15.68	16.04	16.2	16.48	16.19	23.12	24.00	28.97	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	4.59	5.3	5.31	5.38	5.18	12.15	30.00	18.06	36.00
5755MHz	Pass	5.91	21.92	22.65	22.14	22.46	22.62	29.36	30.00	35.27	36.00
5795MHz	Pass	5.91	21.95	22.63	22.23	22.52	22.66	29.40	30.00	35.31	36.00
802.11be EHT80_Nss1,(MCS0)_5TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.29	17.08	16.68	17.03	16.76	16.46	23.80	30.00	29.09	36.00
5290MHz	Pass	5.79	15.51	15.36	15.62	15.5	14.95	22.38	24.00	28.17	30.00
5530MHz	Pass	5.85	16.57	16.48	16.85	16.53	16.12	23.51	24.00	29.36	30.00
5610MHz	Pass	5.85	16.62	16.56	16.52	16.72	16.31	23.54	24.00	29.39	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.85	16.81	16.62	17.21	16.4	16.8	23.77	24.00	29.62	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.91	2.8	2.95	3.38	2.51	2.68	9.86	30.00	15.77	36.00
5775MHz	Pass	5.91	19.25	19.85	19.52	19.86	20.01	26.70	30.00	32.61	36.00
802.11be EHT160_Nss1,(MCS0)_5TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.29	12.38	12.11	12.24	12.18	11.78	19.13	30.00	24.42	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.79	12.71	12.14	12.19	12.22	11.9	19.23	24.00	25.02	30.00
5570MHz	Pass	5.85	15.82	15.76	16.18	15.83	15.45	22.80	24.00	28.65	30.00

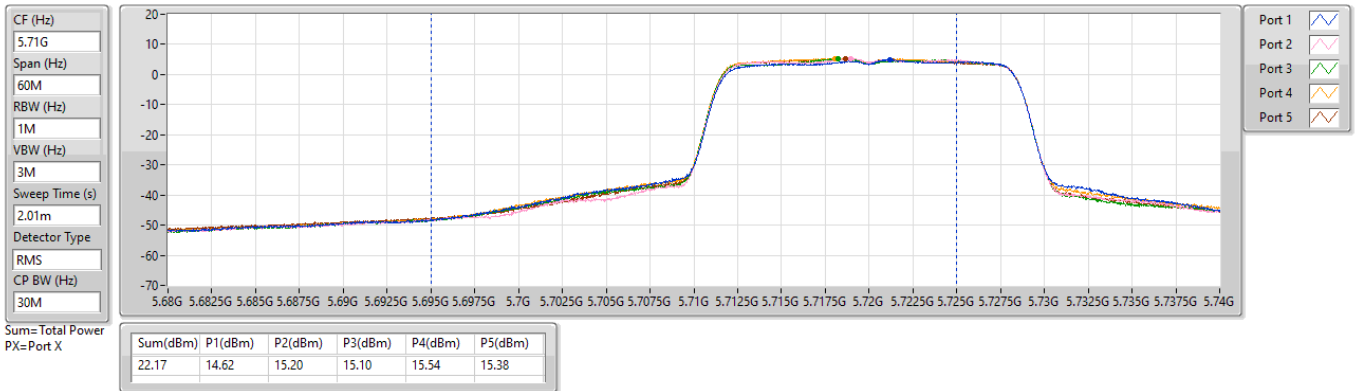
DG = Directional Gain; Port X = Port X output power
Directional Gain refers to antenna specification.



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

AV Power

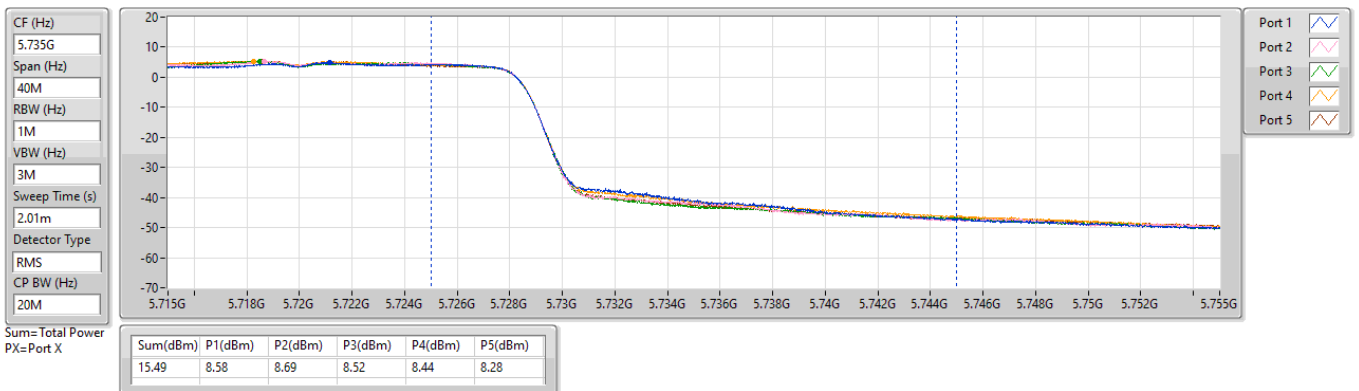
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

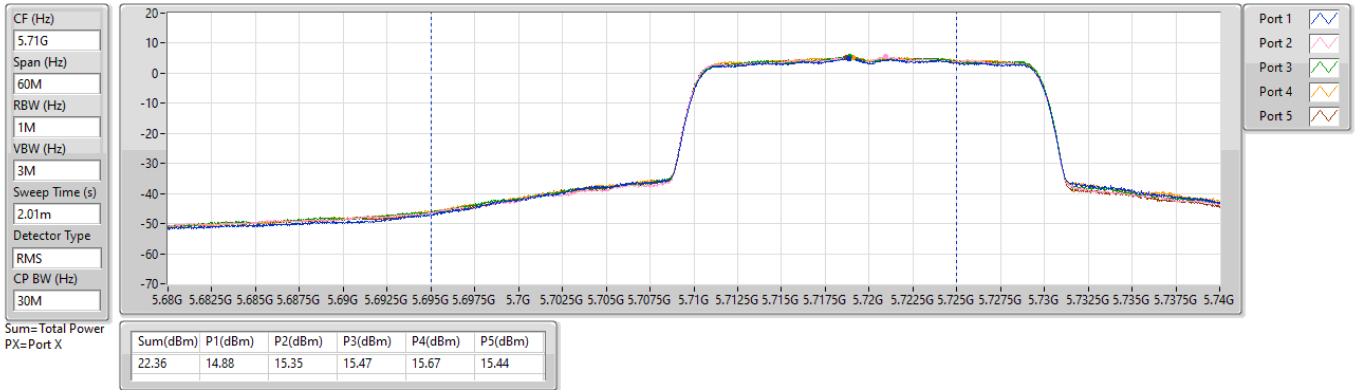




5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

AV Power

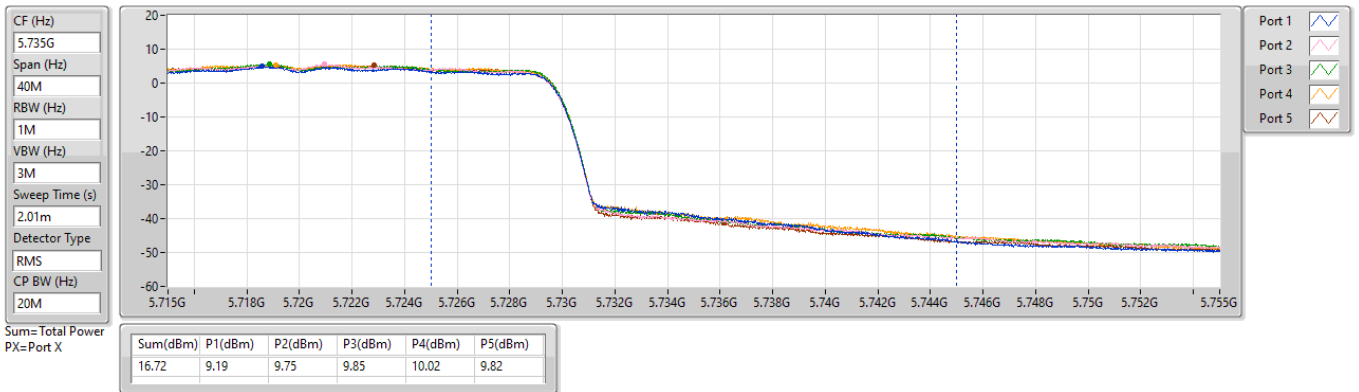
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

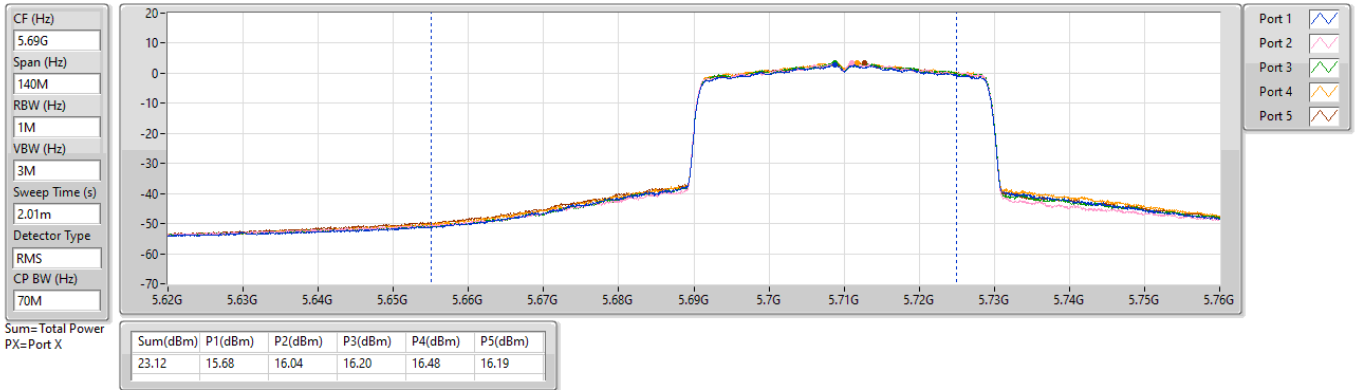




5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

AV Power

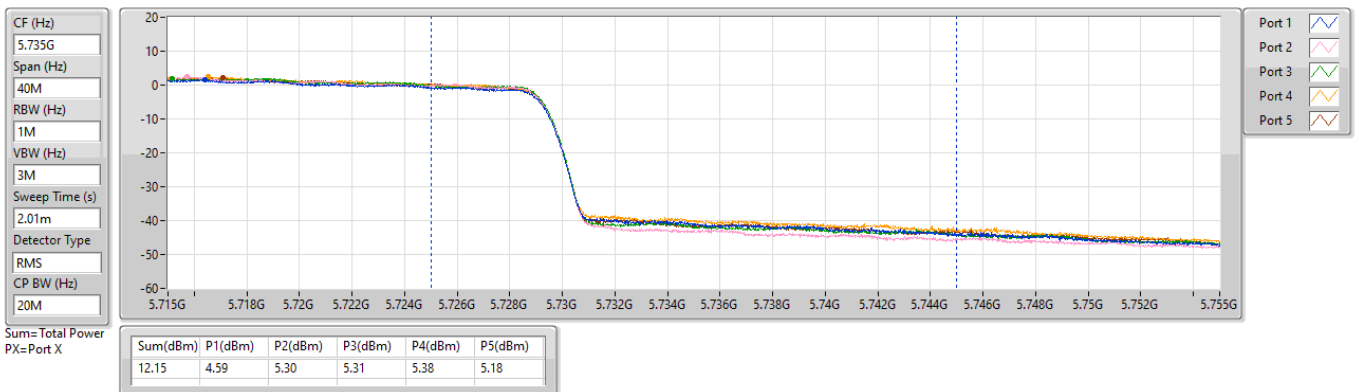
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_5TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

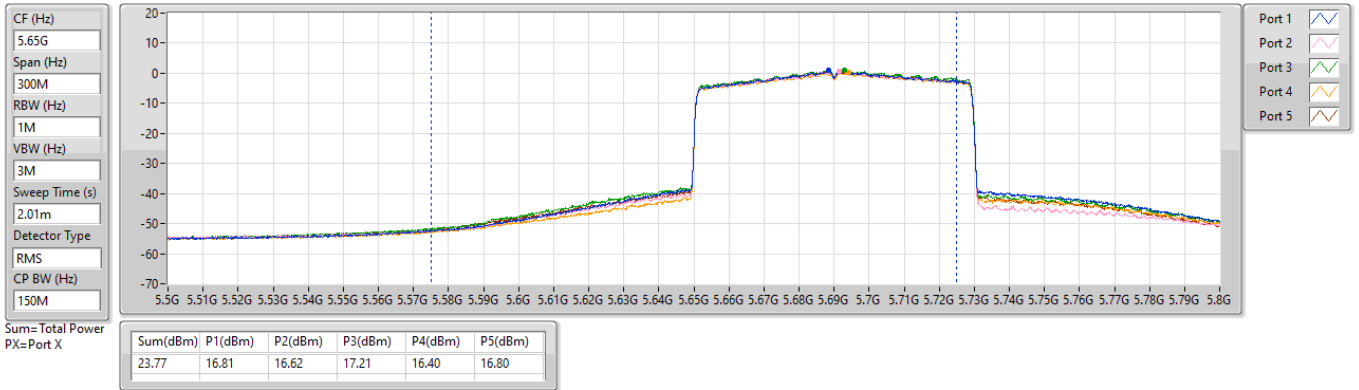




5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_5TX

AV Power

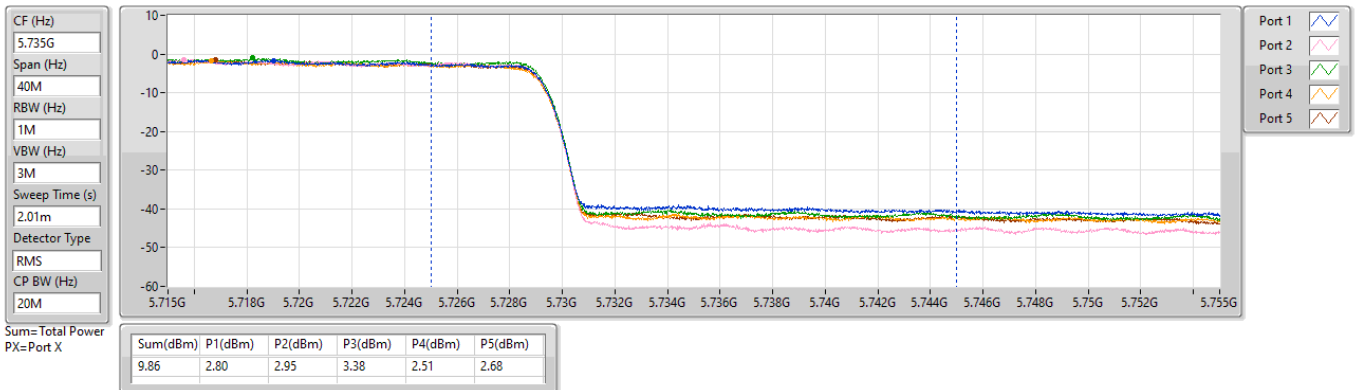
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_5TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

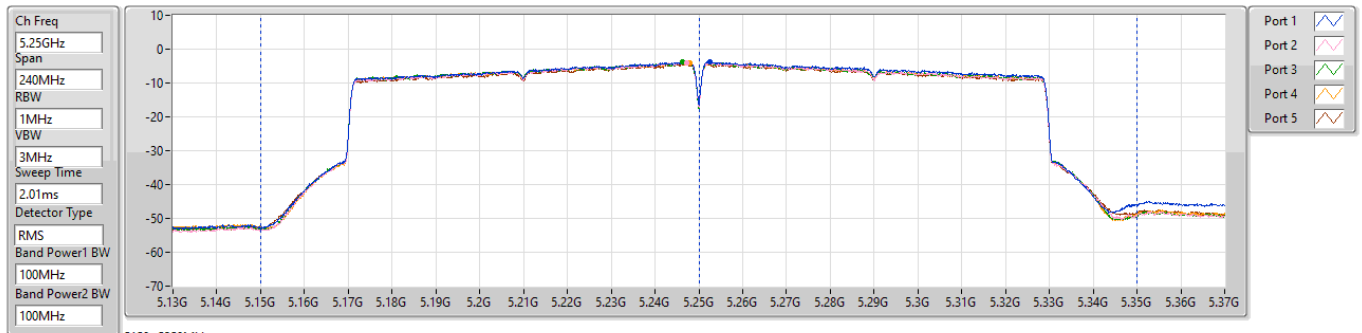




5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_5TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX



Sum= Total Power
PX=Port X

5150~5250MHz					
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)
19.13	12.38	12.11	12.24	12.18	11.78

5250~5350MHz					
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)
19.23	12.71	12.14	12.19	12.22	11.90

Beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	29.38	0.86696	34.67	2.93089
802.11be EHT40-BF_Nss1,(MCS0)_5TX	27.95	0.62373	33.24	2.10863
802.11be EHT80-BF_Nss1,(MCS0)_5TX	21.62	0.14521	26.91	0.49091
802.11be EHT160-BF_Nss1,(MCS0)_5TX	18.61	0.07261	23.90	0.24547
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	23.80	0.23988	29.59	0.90991
802.11be EHT40-BF_Nss1,(MCS0)_5TX	23.51	0.22439	29.30	0.85114
802.11be EHT80-BF_Nss1,(MCS0)_5TX	21.67	0.14689	27.46	0.55719
802.11be EHT160-BF_Nss1,(MCS0)_5TX	18.98	0.07907	24.77	0.29992
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	23.39	0.21827	29.24	0.83946
802.11be EHT40-BF_Nss1,(MCS0)_5TX	23.82	0.24099	29.67	0.92683
802.11be EHT80-BF_Nss1,(MCS0)_5TX	23.44	0.22080	29.29	0.84918
802.11be EHT160-BF_Nss1,(MCS0)_5TX	21.24	0.13305	27.09	0.51168
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	29.54	0.89950	35.45	3.50752
802.11be EHT40-BF_Nss1,(MCS0)_5TX	28.61	0.72611	34.52	2.83139
802.11be EHT80-BF_Nss1,(MCS0)_5TX	26.06	0.40365	31.97	1.57398

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_5TX											
5180MHz	Pass	5.29	18.85	18.63	18.87	18.32	18.65	25.66	30.00	30.95	36.00
5200MHz	Pass	5.29	21.9	21.82	22.02	21.53	21.58	28.76	30.00	34.05	36.00
5240MHz	Pass	5.29	22.32	22.74	22.52	22.34	22.01	29.38	30.00	34.67	36.00
5260MHz	Pass	5.79	16.76	17.07	16.7	16.44	16.32	23.66	23.98	29.45	29.98
5300MHz	Pass	5.79	16.89	17.14	16.85	16.65	16.49	23.80	24.00	29.59	30.00
5320MHz	Pass	5.79	17.06	16.63	17	17.03	16.28	23.80	24.00	29.59	30.00
5500MHz	Pass	5.85	16.09	15.74	16.64	16.42	16.65	23.31	24.00	29.16	30.00
5580MHz	Pass	5.85	16.67	16.61	16.12	16.53	16.05	23.39	23.97	29.24	29.97
5680MHz	Pass	5.85	16.31	16.73	16.11	16.23	16.44	23.36	24.00	29.21	30.00
5700MHz	Pass	5.85	12.43	13.01	12.68	12.54	12.53	19.63	23.98	25.48	29.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	14.76	15.64	15.38	15.39	15.31	22.30	22.74	28.15	28.74
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	9.46	10.26	10.12	10.13	9.72	16.94	30.00	22.85	36.00
5745MHz	Pass	5.91	21.75	23.09	22.02	22.61	22.65	29.44	30.00	35.35	36.00
5785MHz	Pass	5.91	21.85	23.05	22.43	22.64	22.7	29.54	30.00	35.45	36.00
5825MHz	Pass	5.91	22.08	22.86	22.53	22.56	22.4	29.48	30.00	35.39	36.00
802.11be EHT40-BF_Nss1,(MCS0)_5TX											
5190MHz	Pass	5.29	17.01	16.56	16.97	16.26	16.24	23.61	30.00	28.90	36.00
5230MHz	Pass	5.29	21.26	21.1	21.02	20.83	20.57	27.95	30.00	33.24	36.00
5270MHz	Pass	5.79	16.82	16.45	16.56	16.4	16.33	23.51	24.00	29.30	30.00
5310MHz	Pass	5.79	16.59	16.33	16.37	15.78	15.62	23.14	24.00	28.93	30.00
5510MHz	Pass	5.85	16.29	16.02	16.47	16.28	15.52	23.12	24.00	28.97	30.00
5590MHz	Pass	5.85	16.62	16.81	16.18	16.35	16.20	23.43	24.00	29.28	30.00
5670MHz	Pass	5.85	16.82	17.24	16.53	16.93	16.62	23.82	24.00	29.67	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.85	15.43	16.14	15.84	16.11	15.78	22.86	24.00	28.71	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	4.51	5.02	4.84	5.03	4.77	11.83	30.00	17.74	36.00
5755MHz	Pass	5.91	21.48	22.01	21.23	21.45	21.89	28.61	30.00	34.52	36.00
5795MHz	Pass	5.91	20.98	21.62	20.77	21.21	21.82	28.29	30.00	34.20	36.00
802.11be EHT80-BF_Nss1,(MCS0)_5TX											
5210MHz	Pass	5.29	15.12	14.6	14.85	14.31	14.22	21.62	30.00	26.91	36.00
5290MHz	Pass	5.79	14.96	14.73	14.87	14.47	14.33	21.67	24.00	27.46	30.00
5530MHz	Pass	5.85	16.53	16.24	16.55	16.1	16.17	23.31	24.00	29.16	30.00
5610MHz	Pass	5.85	16.31	16.72	16.11	16.32	16.24	23.33	24.00	29.18	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.85	16.55	16.67	16.47	16.2	16.34	23.44	24.00	29.29	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.91	2.53	2.36	2.26	1.96	2.23	9.26	30.00	15.17	36.00
5775MHz	Pass	5.91	18.7	19.54	18.88	18.84	19.34	26.06	30.00	31.97	36.00

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

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT160-BF_Nss1,(MCS0)_5TX											
5250MHz Straddle 5.15-5.25GHz	Pass	5.29	11.63	11.75	11.93	11.52	11.25	18.61	30.00	23.90	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.79	12.34	11.91	12.23	11.9	11.51	18.98	24.00	24.77	30.00
5570MHz	Pass	5.85	14.17	14.35	14.77	14.05	13.86	21.24	24.00	27.09	30.00

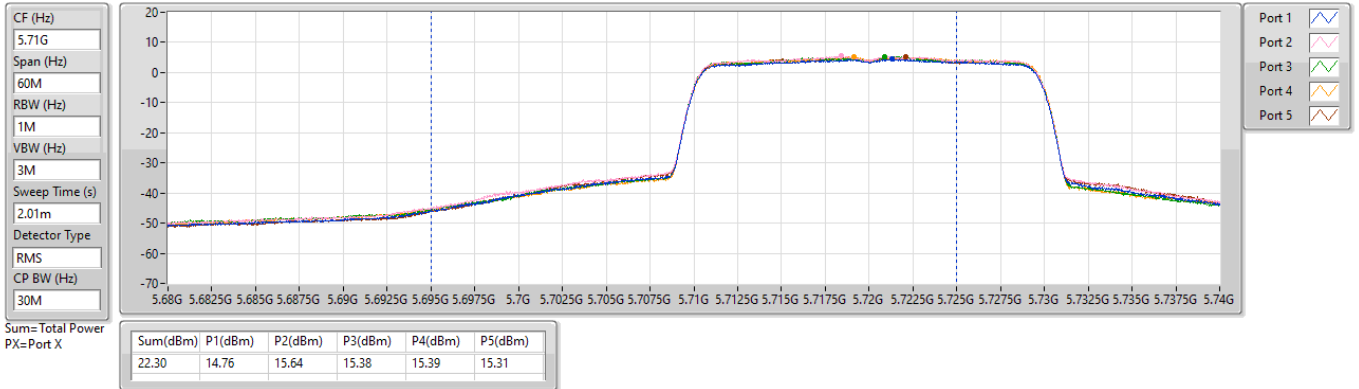
DG = Directional Gain; Port X = Port X output power
Directional Gain refers to antenna specification.



5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

AV Power

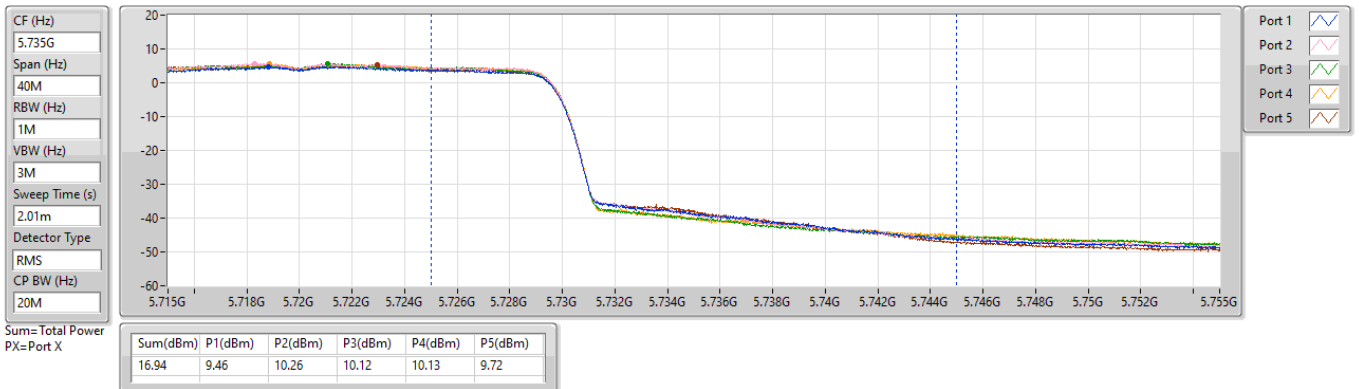
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

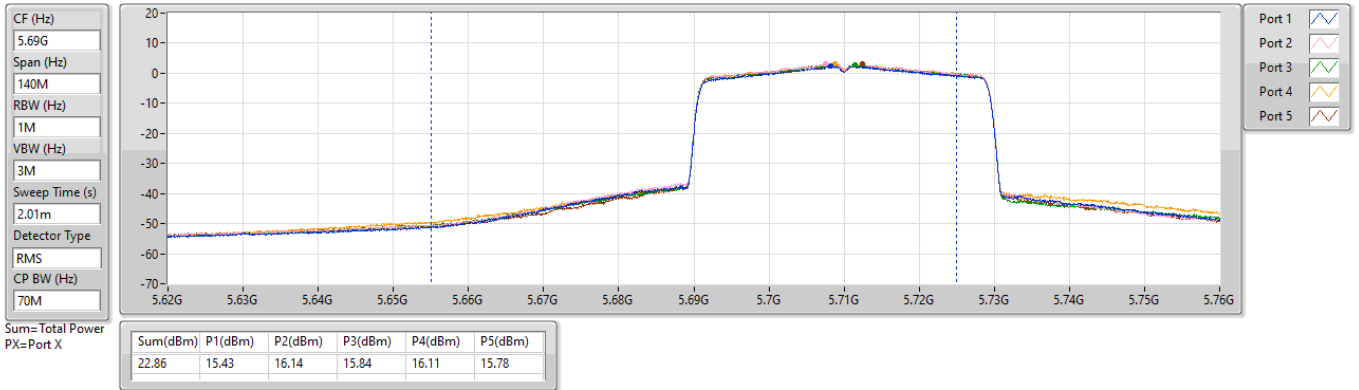




5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

AV Power

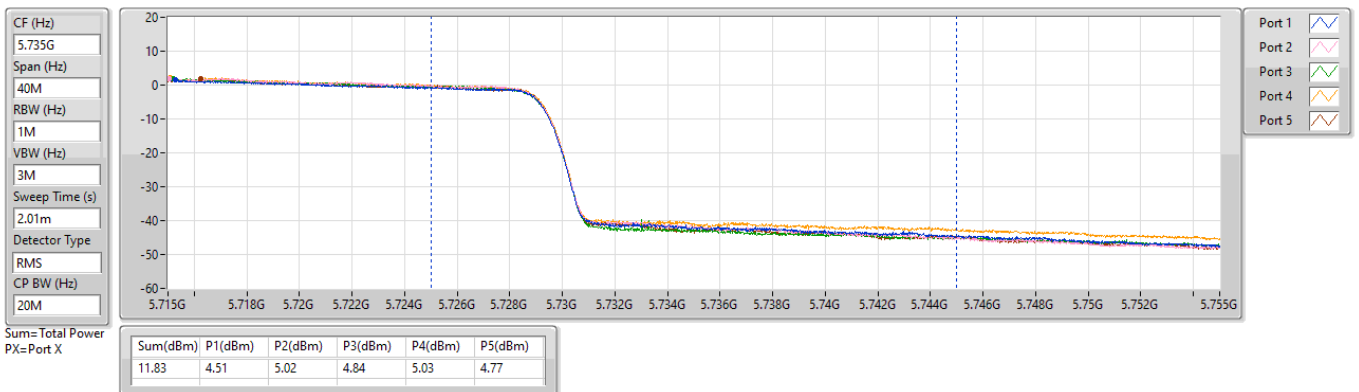
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

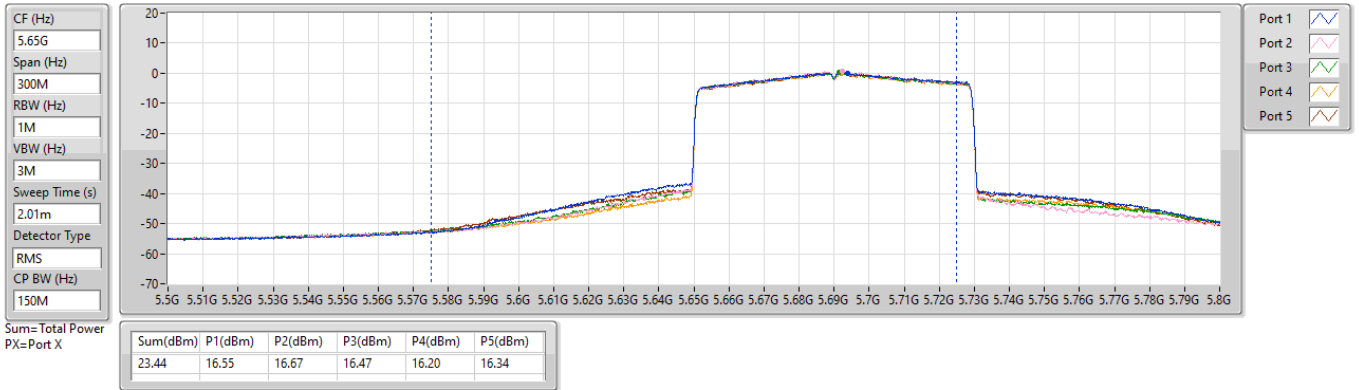




5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

AV Power

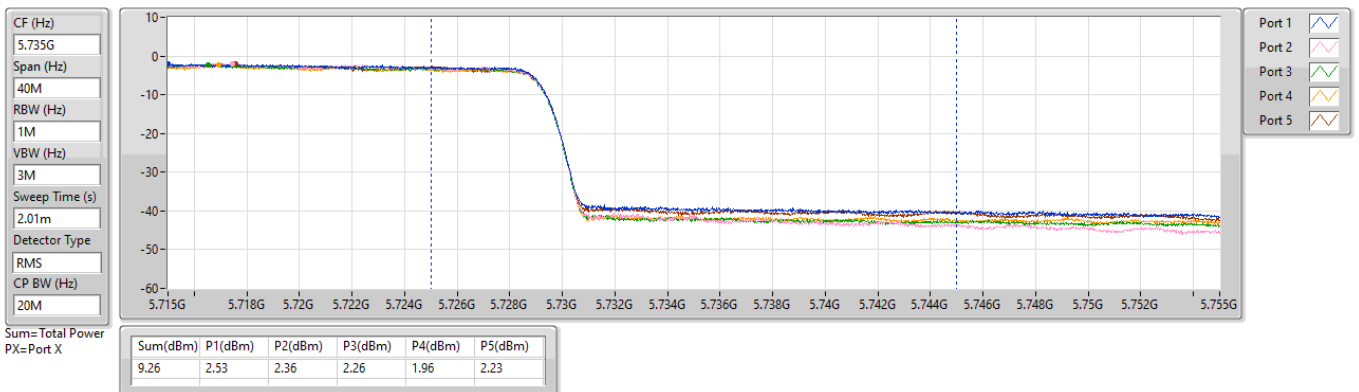
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

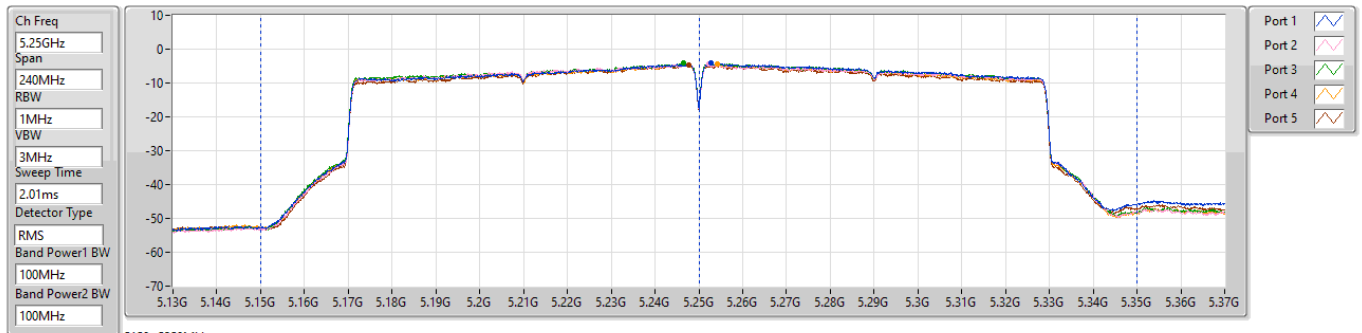




5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_5TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX



Sum= Total Power
PX=Port X

5150~5250MHz					
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)
18.61	11.63	11.75	11.93	11.52	11.25

5250~5350MHz					
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)
18.98	12.34	11.91	12.23	11.90	11.51

Non-beamforming mode
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_5TX	16.69	21.98
802.11be EHT20_Nss1,(MCS0)_5TX	16.89	22.18
802.11be EHT40_Nss1,(MCS0)_5TX	12.83	18.12
802.11be EHT80_Nss1,(MCS0)_5TX	5.19	10.48
802.11be EHT160_Nss1,(MCS0)_5TX	1.33	6.62
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_5TX	10.63	16.42
802.11be EHT20_Nss1,(MCS0)_5TX	10.87	16.66
802.11be EHT40_Nss1,(MCS0)_5TX	8.52	14.31
802.11be EHT80_Nss1,(MCS0)_5TX	3.79	9.58
802.11be EHT160_Nss1,(MCS0)_5TX	1.20	6.99
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_5TX	10.79	16.64
802.11be EHT20_Nss1,(MCS0)_5TX	10.84	16.69
802.11be EHT40_Nss1,(MCS0)_5TX	8.91	14.76
802.11be EHT80_Nss1,(MCS0)_5TX	5.92	11.77
802.11be EHT160_Nss1,(MCS0)_5TX	1.74	7.59
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_5TX	15.78	21.69
802.11be EHT20_Nss1,(MCS0)_5TX	15.01	20.92
802.11be EHT40_Nss1,(MCS0)_5TX	12.87	18.78
802.11be EHT80_Nss1,(MCS0)_5TX	6.89	12.80

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)	Port 5 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_5TX											
5180MHz	Pass	5.29	8.38	8.47	8.83	8.30	8.03	15.30	17.00	20.59	23.00
5200MHz	Pass	5.29	9.64	9.74	9.96	9.50	8.98	16.47	17.00	21.76	23.00
5240MHz	Pass	5.29	10.06	9.91	9.99	9.76	9.19	16.69	17.00	21.98	23.00
5260MHz	Pass	5.79	3.96	3.83	3.79	3.69	3.25	10.57	11.00	16.36	17.00
5300MHz	Pass	5.79	4.04	3.92	3.83	3.57	3.33	10.63	11.00	16.42	17.00
5320MHz	Pass	5.79	3.91	3.85	3.73	3.6	3.26	10.57	11.00	16.36	17.00
5500MHz	Pass	5.85	3.62	3.59	3.92	3.77	3.28	10.52	11.00	16.37	17.00
5580MHz	Pass	5.85	3.36	4.32	4.24	3.89	3.73	10.79	11.00	16.64	17.00
5700MHz	Pass	5.85	3.44	3.8	3.74	3.81	3.91	10.62	11.00	16.47	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	3.47	4.06	3.87	4	3.97	10.74	11.00	16.59	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	1.22	1.63	1.5	1.15	0.85	8.23	30.00	14.14	36.00
5745MHz	Pass	5.91	8.21	9.56	8.90	8.82	9.09	15.77	30.00	21.68	36.00
5785MHz	Pass	5.91	8.23	9.61	8.83	8.92	8.96	15.77	30.00	21.68	36.00
5825MHz	Pass	5.91	8.66	9.24	8.92	8.99	8.76	15.78	30.00	21.69	36.00
802.11be EHT20_Nss1,(MCS0)_5TX											
5180MHz	Pass	5.29	6.80	6.81	7.10	6.79	6.26	13.59	17.00	18.88	23.00
5200MHz	Pass	5.29	9.27	9.29	9.57	9.24	8.65	16.09	17.00	21.38	23.00
5240MHz	Pass	5.29	10.23	10.22	10.09	9.92	9.51	16.89	17.00	22.18	23.00
5260MHz	Pass	5.79	4.31	4.04	4.26	4.03	3.6	10.85	11.00	16.64	17.00
5300MHz	Pass	5.79	4.09	4.06	4.17	4.04	3.64	10.85	11.00	16.64	17.00
5320MHz	Pass	5.79	4.26	4.05	4.16	3.97	3.73	10.87	11.00	16.66	17.00
5500MHz	Pass	5.85	3.96	3.82	4.37	3.92	3.67	10.76	11.00	16.61	17.00
5580MHz	Pass	5.85	3.27	4.42	4.46	4.07	3.69	10.84	11.00	16.69	17.00
5700MHz	Pass	5.85	2.65	3.22	3.26	3.36	2.97	9.84	11.00	15.69	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	3.23	4.05	3.91	3.95	3.6	10.54	11.00	16.39	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	0.4	1.4	0.93	1.27	1.1	7.77	30.00	13.68	36.00
5745MHz	Pass	5.91	7.61	8.45	8.14	8.30	8.46	15.01	30.00	20.92	36.00
5785MHz	Pass	5.91	7.60	8.37	8.03	8.21	8.44	14.94	30.00	20.85	36.00
5825MHz	Pass	5.91	7.83	8.02	8.21	8.40	8.11	14.86	30.00	20.77	36.00
802.11be EHT40_Nss1,(MCS0)_5TX											
5190MHz	Pass	5.29	2.86	2.83	3.04	2.84	2.46	9.57	17.00	14.86	23.00
5230MHz	Pass	5.29	6.09	6.04	6.16	6.05	5.59	12.83	17.00	18.12	23.00
5270MHz	Pass	5.79	1.58	1.71	1.84	1.60	1.41	8.52	11.00	14.31	17.00
5310MHz	Pass	5.79	1.78	1.5	1.66	1.5	1.34	8.43	11.00	14.22	17.00
5510MHz	Pass	5.85	1.16	1.20	1.71	1.41	1.31	8.22	11.00	14.07	17.00
5590MHz	Pass	5.85	1.33	1.41	1.50	1.68	1.31	8.35	11.00	14.20	17.00
5670MHz	Pass	5.85	2.09	2	2.49	1.69	2.05	8.91	11.00	14.76	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.85	1.26	1.87	1.85	2.01	1.58	8.53	11.00	14.38	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	-3.74	-2.73	-3.28	-2.95	-2.74	3.75	30.00	9.66	36.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5755MHz	Pass	5.91	5.36	6.29	5.73	6.53	6.23	12.85	30.00	18.76	36.00
5795MHz	Pass	5.91	5.46	6.19	5.87	6.45	6.17	12.87	30.00	18.78	36.00
802.11be EHT80_Nss1,(MCS0)_5TX											
5210MHz	Pass	5.29	-1.58	-1.82	-1.43	-1.79	-1.83	5.19	17.00	10.48	23.00
5290MHz	Pass	5.79	-2.95	-3.22	-2.81	-2.90	-3.34	3.79	11.00	9.58	17.00
5530MHz	Pass	5.85	-1.97	-1.71	-1.47	-1.50	-2.02	5.05	11.00	10.90	17.00
5610MHz	Pass	5.85	-1.76	-1.56	-1.59	-1.38	-1.62	5.27	11.00	11.12	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.85	-0.66	-1.02	-0.34	-1.36	-0.84	5.92	11.00	11.77	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.91	-5.63	-5.07	-5.07	-5.66	-5.42	1.26	30.00	7.17	36.00
5775MHz	Pass	5.91	-0.39	0.32	-0.18	0.46	0.33	6.89	30.00	12.80	36.00
802.11be EHT160_Nss1,(MCS0)_5TX											
5250MHz Straddle 5.15-5.25GHz	Pass	5.29	-5.22	-5.56	-5.56	-5.72	-5.94	1.33	17.00	6.62	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.79	-5.36	-5.72	-5.62	-5.68	-6.03	1.20	11.00	6.99	17.00
5570MHz	Pass	5.85	-5.10	-5.03	-4.71	-4.81	-5.20	1.74	11.00	7.59	17.00

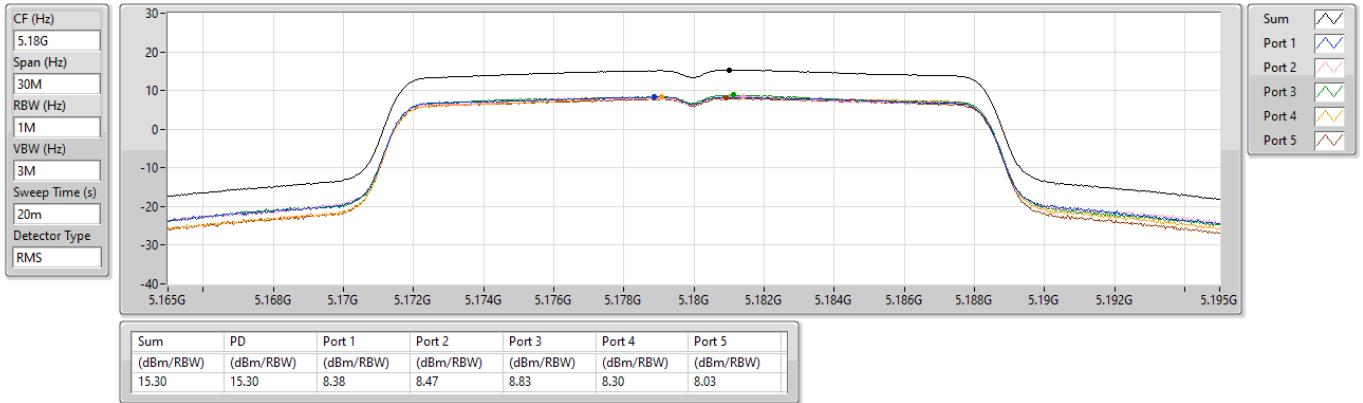
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

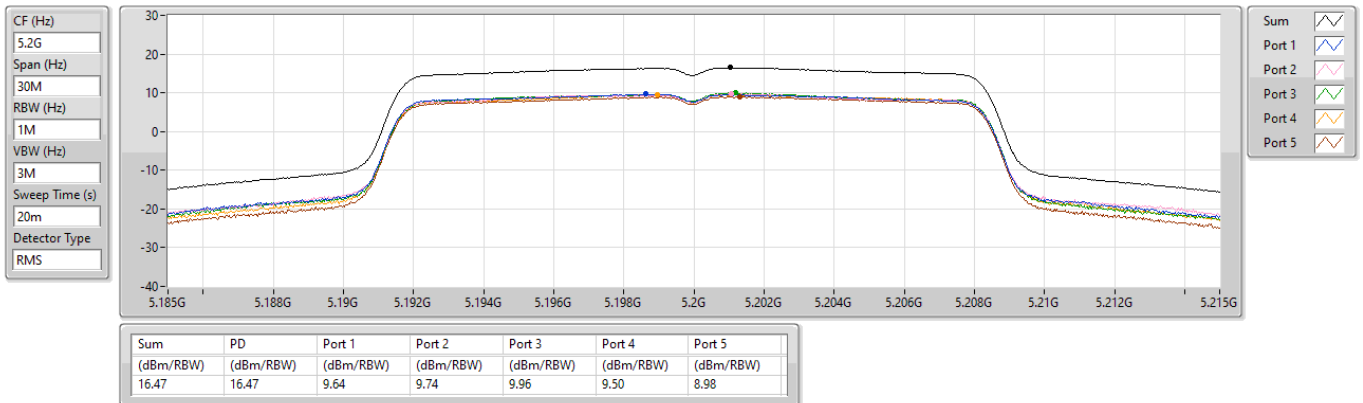
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

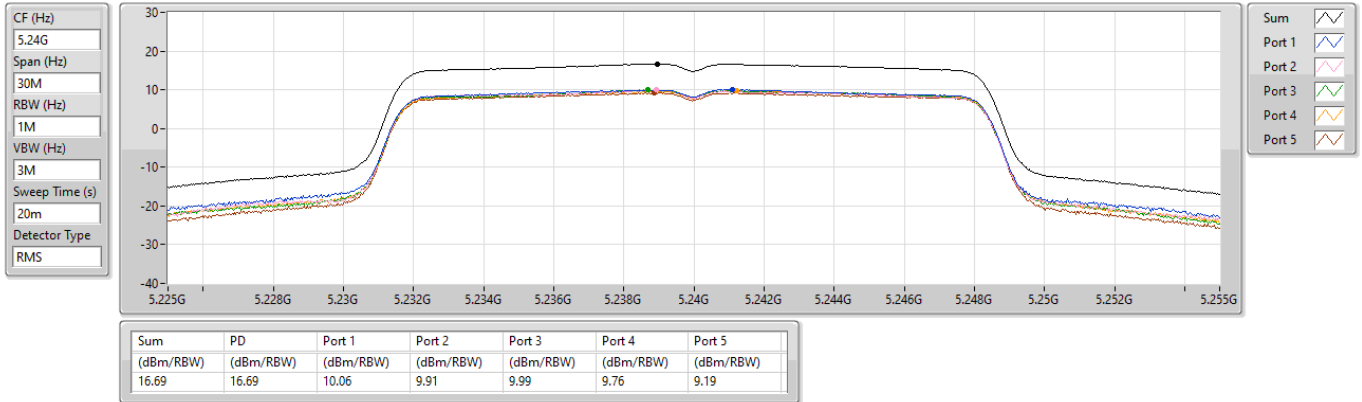
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5.15-5.25GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

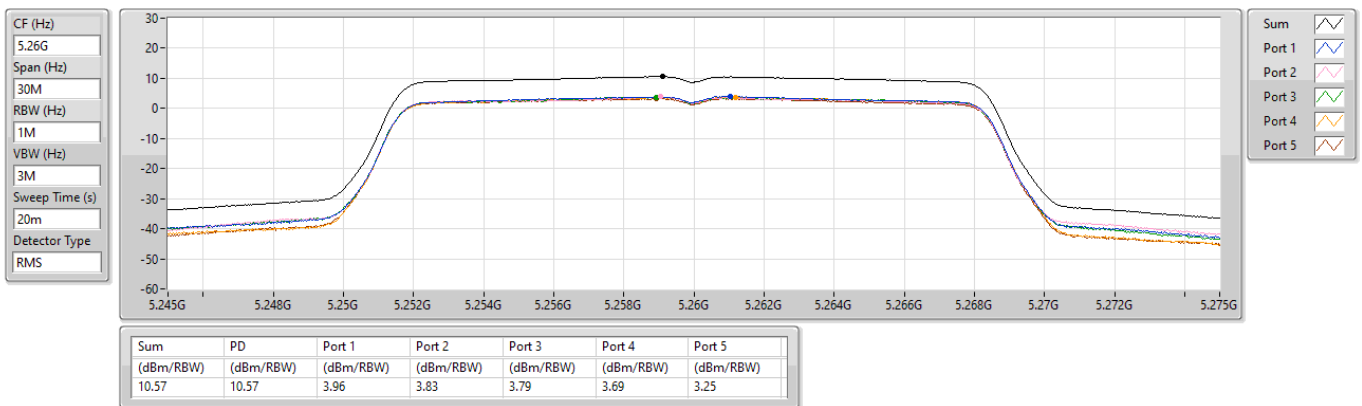
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5.25-5.35GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

5260MHz

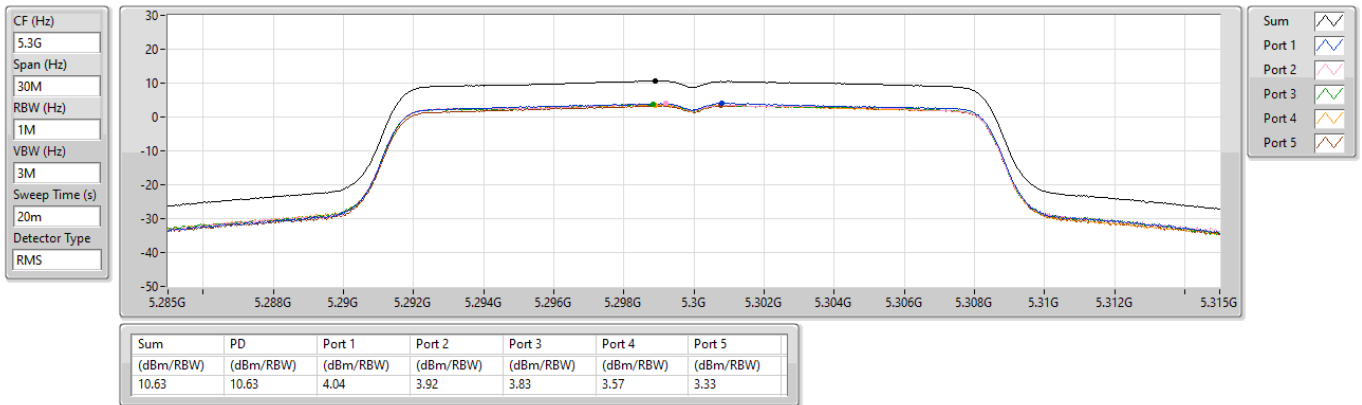




5.25-5.35GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

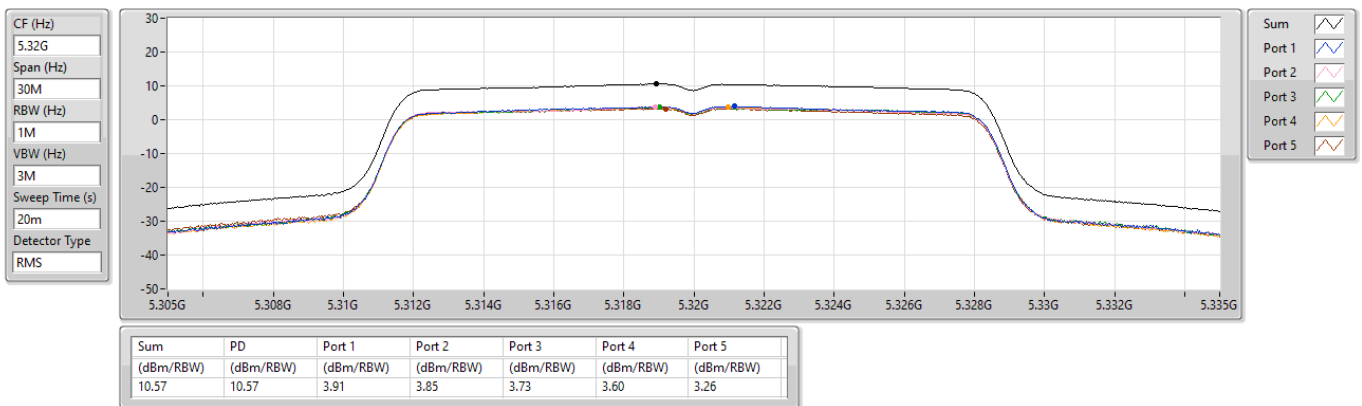
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

5320MHz

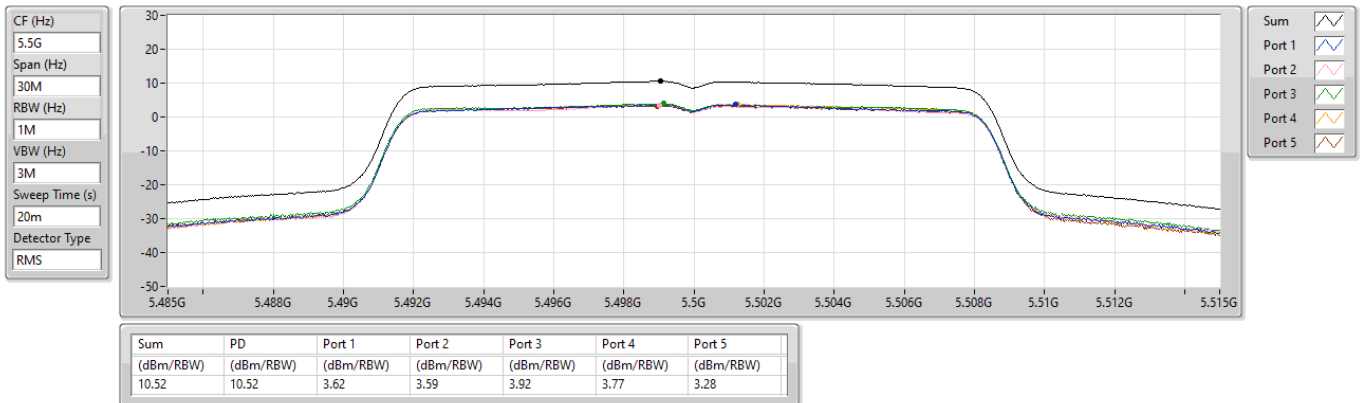




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

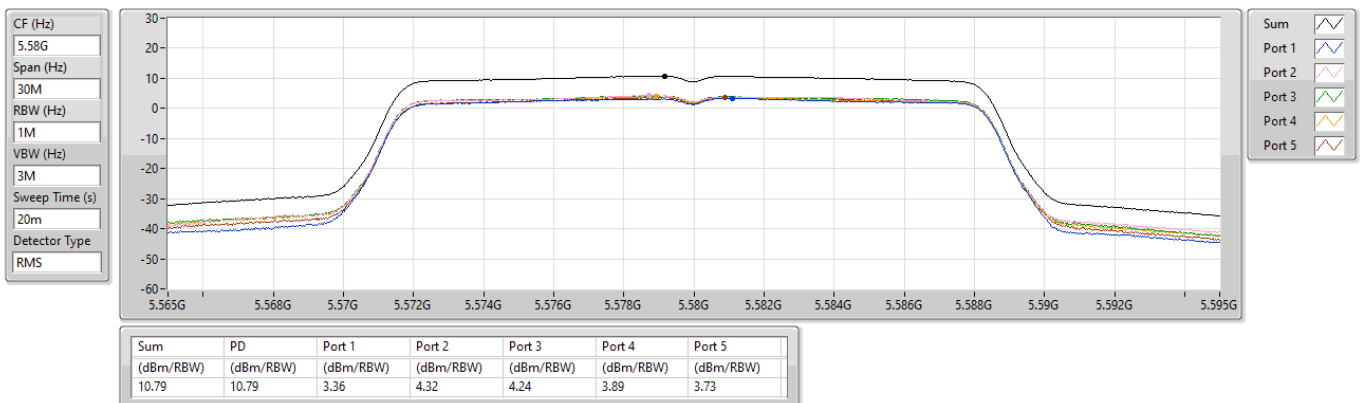
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

5580MHz

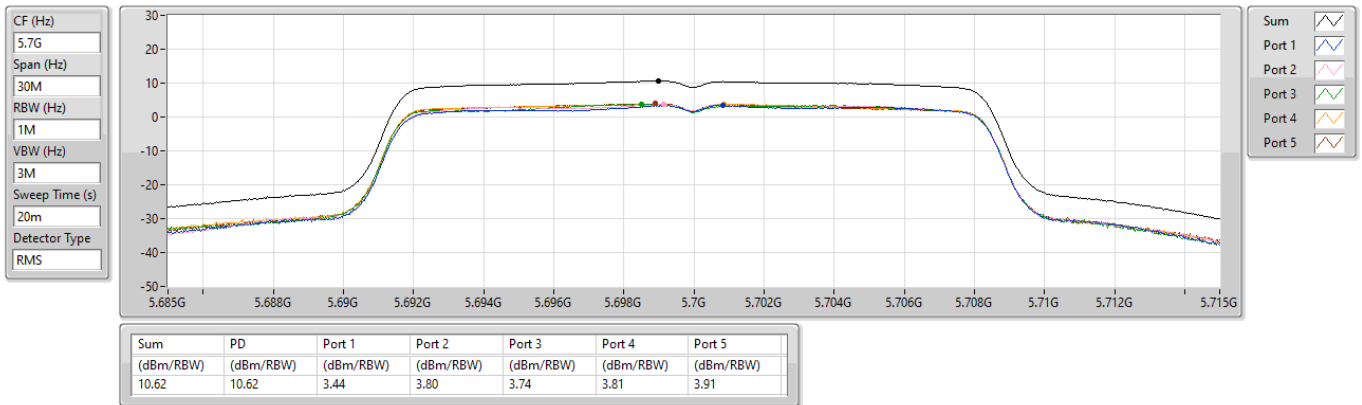




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

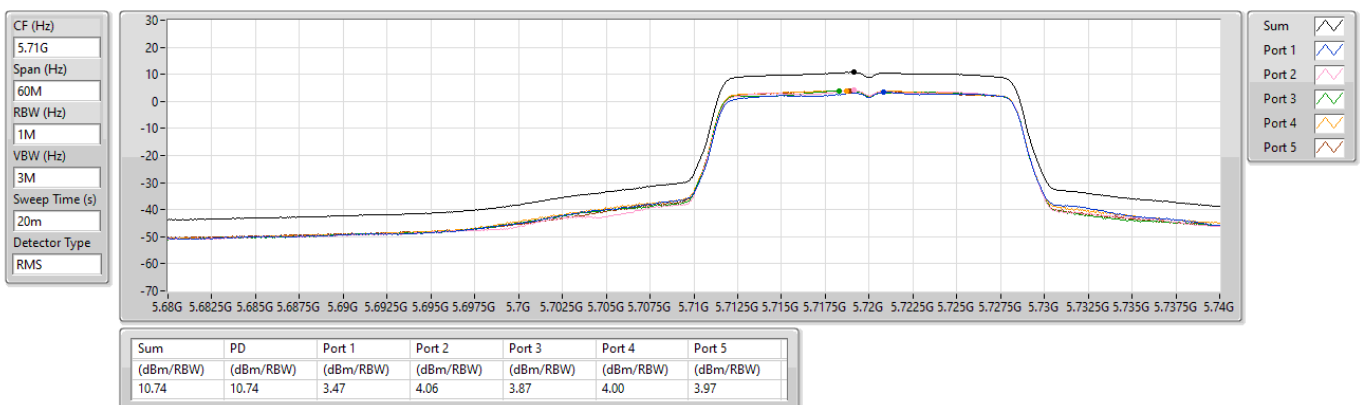
5700MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

5720MHz Straddle 5.47-5.725GHz

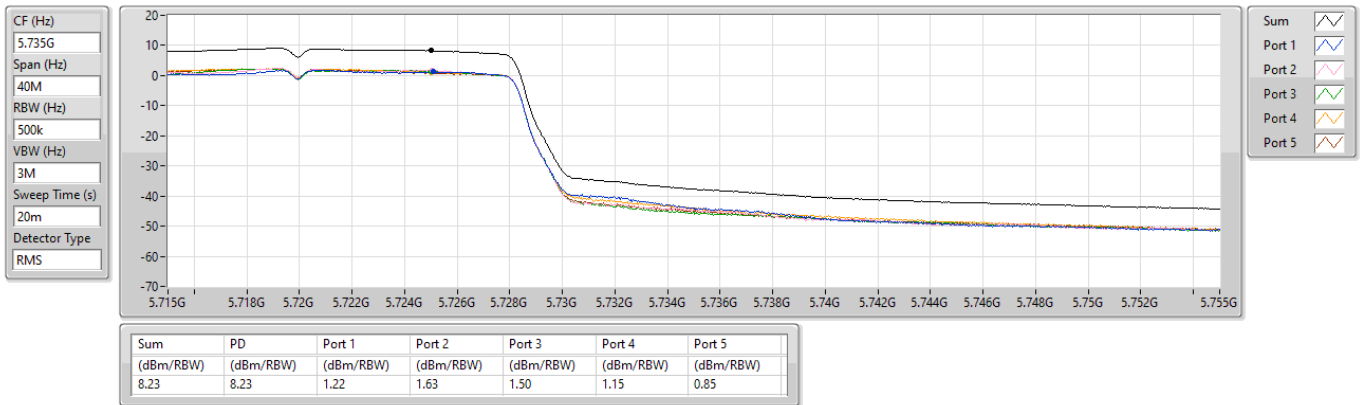




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

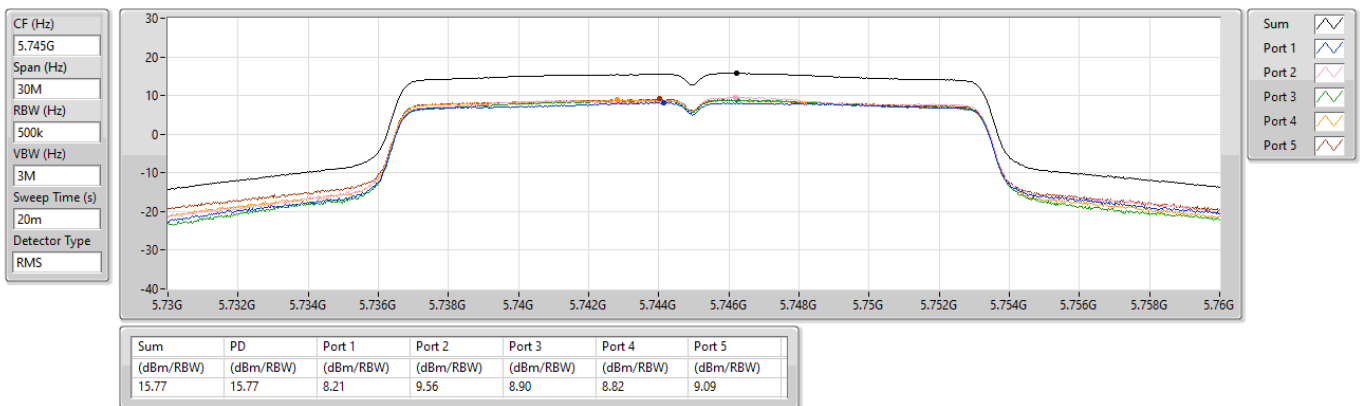
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

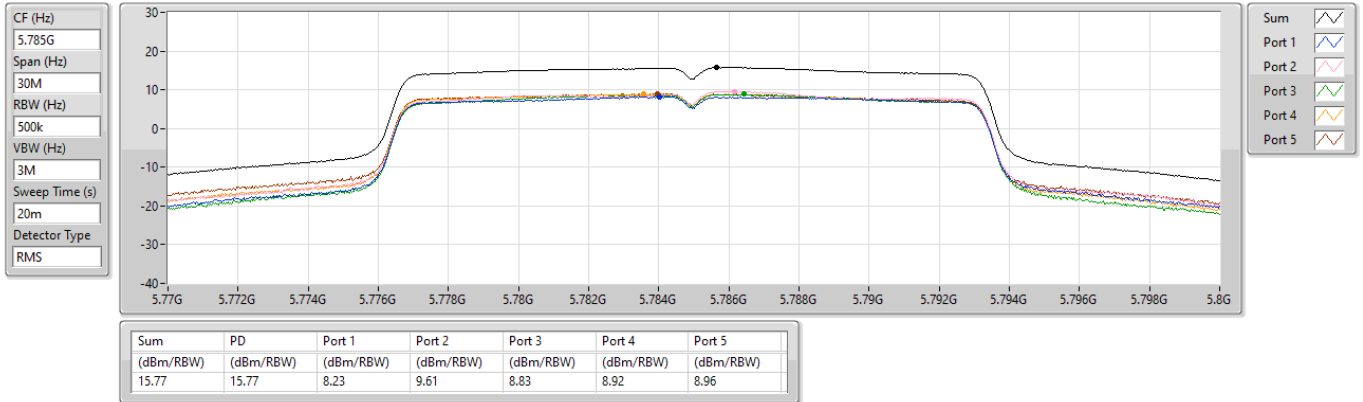
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

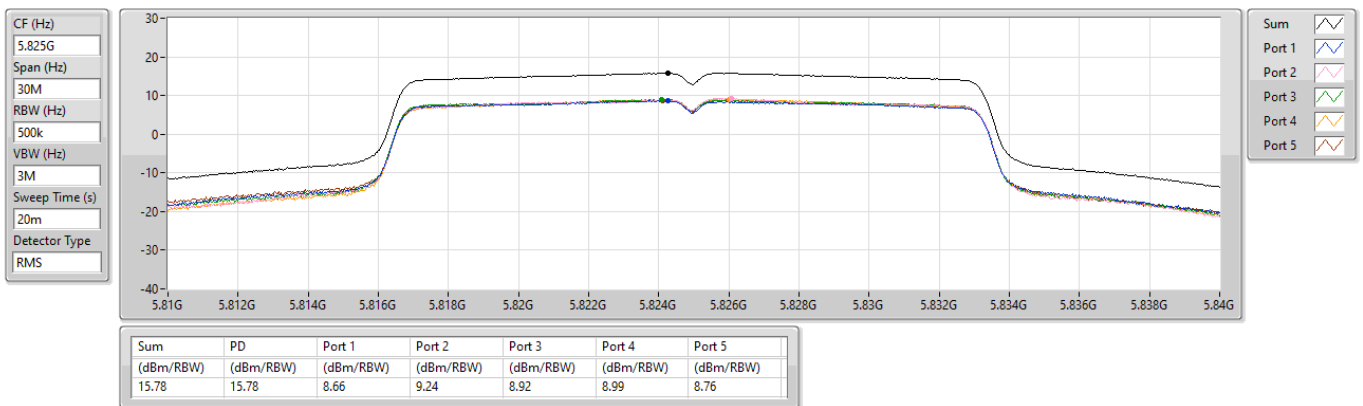
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_5TX

PSD

5825MHz

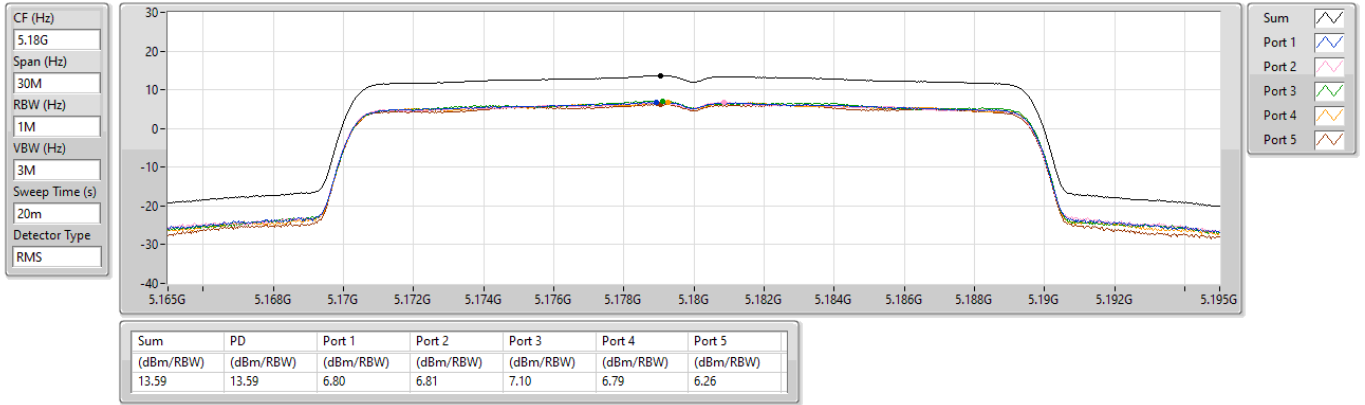




5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

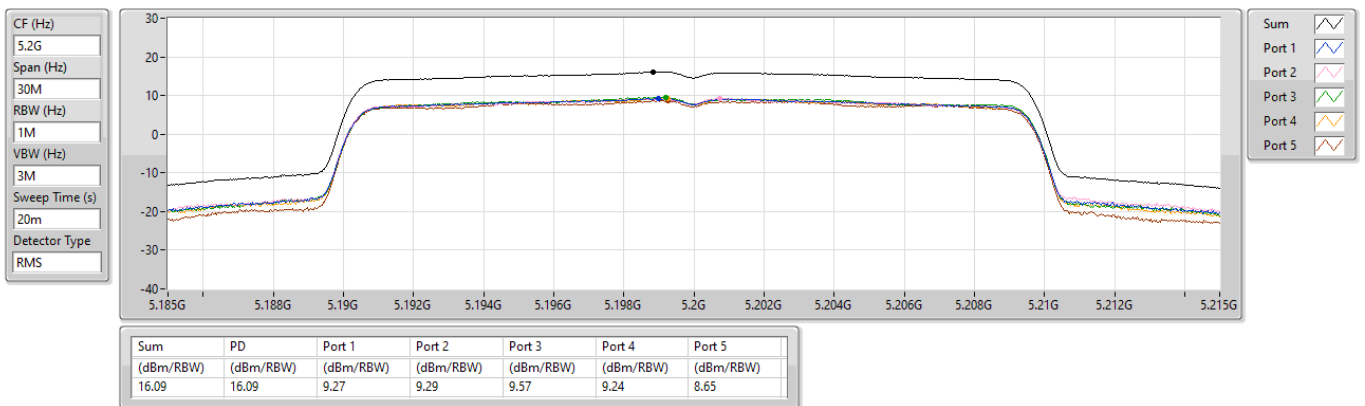
5180MHz



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

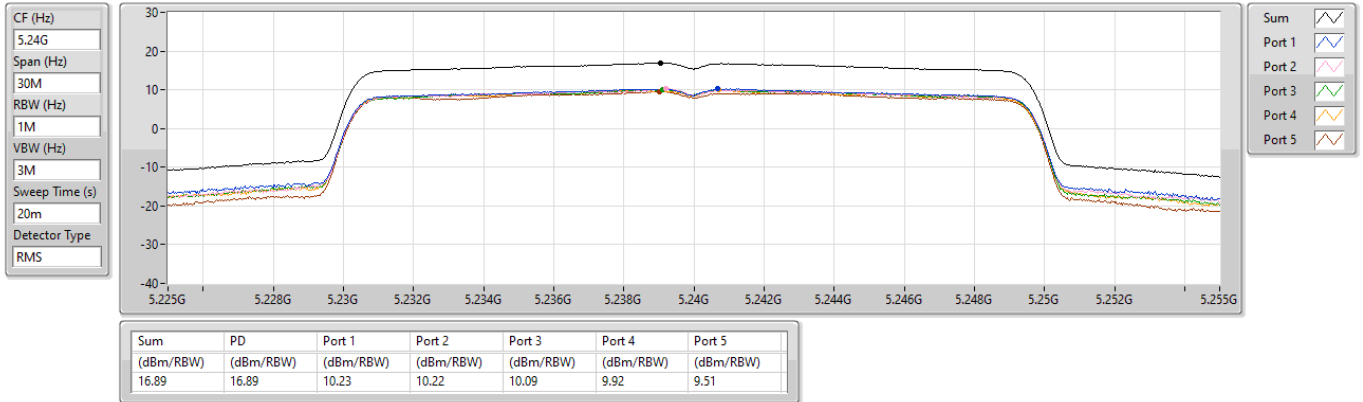
5200MHz



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

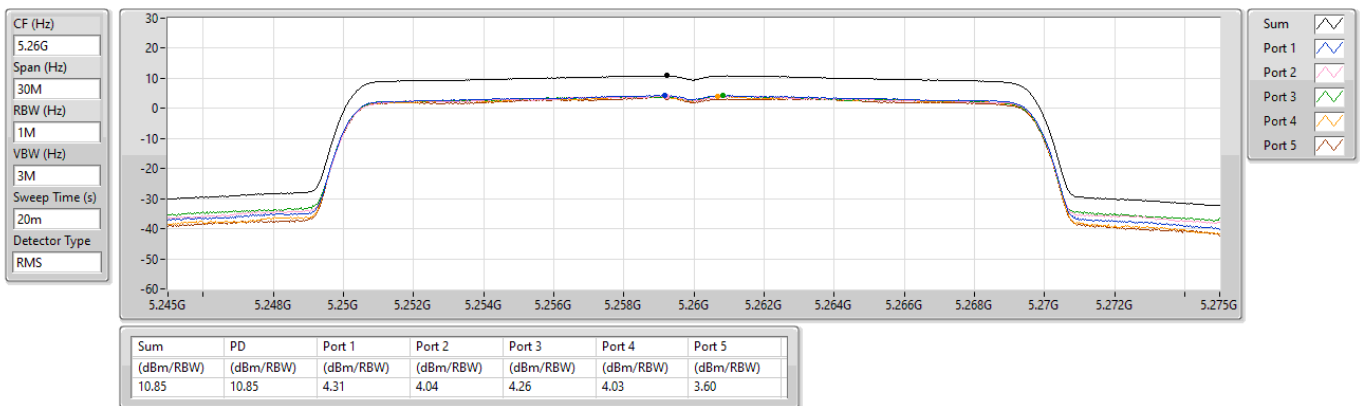
5240MHz



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

5260MHz



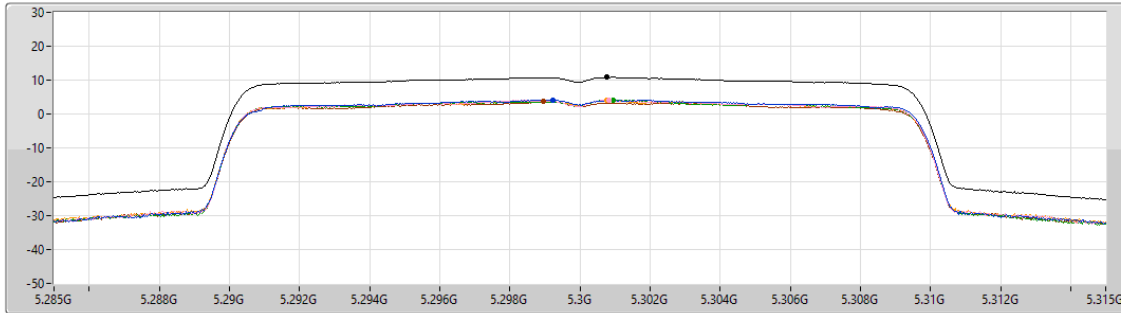


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

5300MHz

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4
Port 5

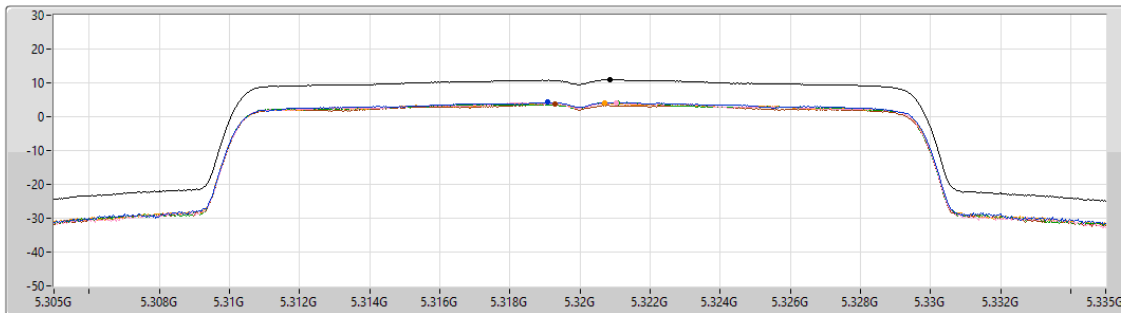
Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.85	10.85	4.09	4.06	4.17	4.04	3.64

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

5320MHz

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4
Port 5

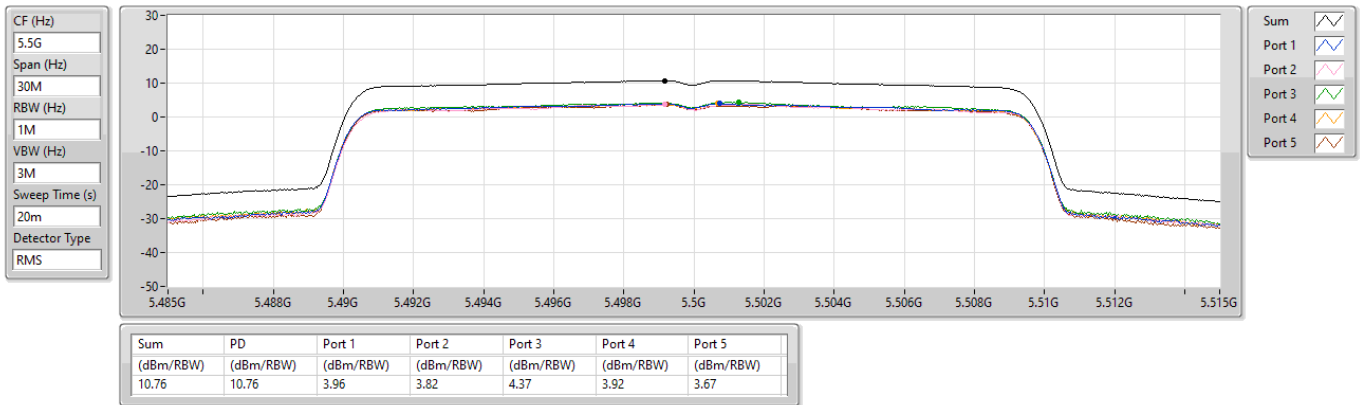
Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.87	10.87	4.26	4.05	4.16	3.97	3.73



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

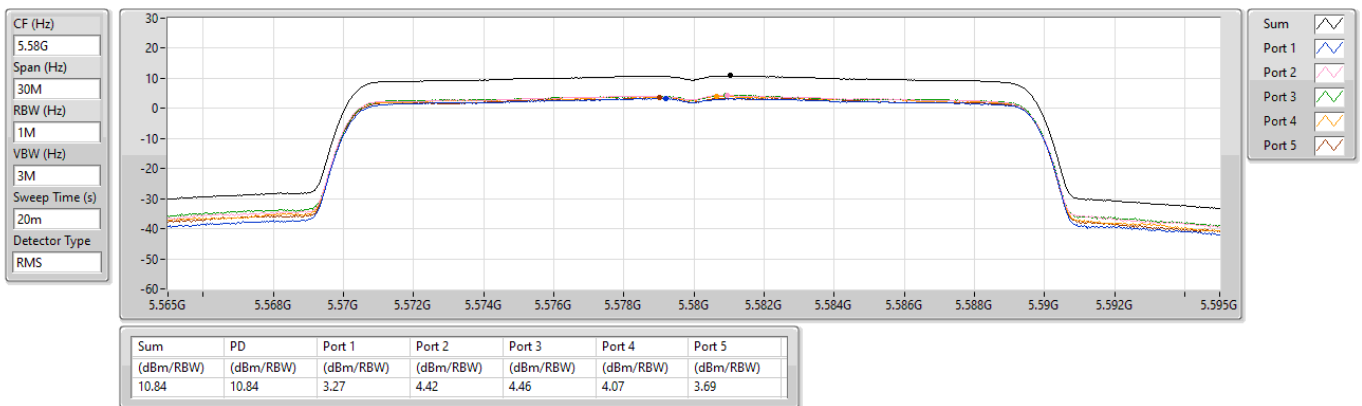
5500MHz



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

5580MHz

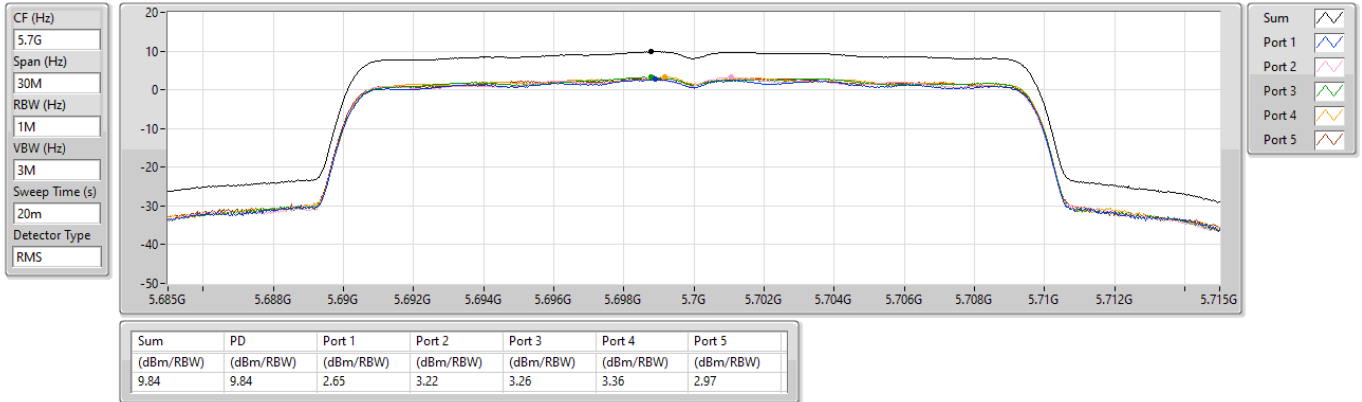




5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

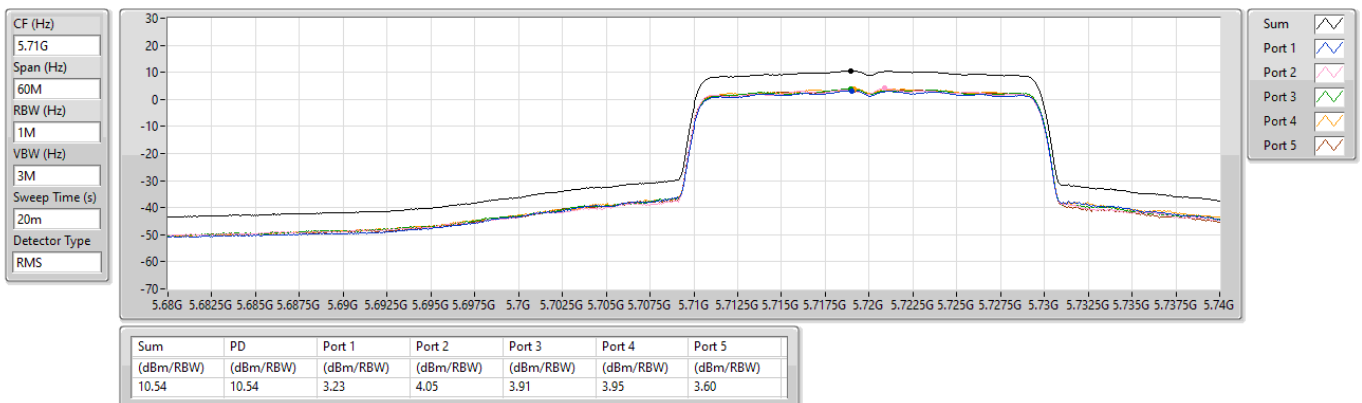
5700MHz



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

5720MHz Straddle 5.47-5.725GHz

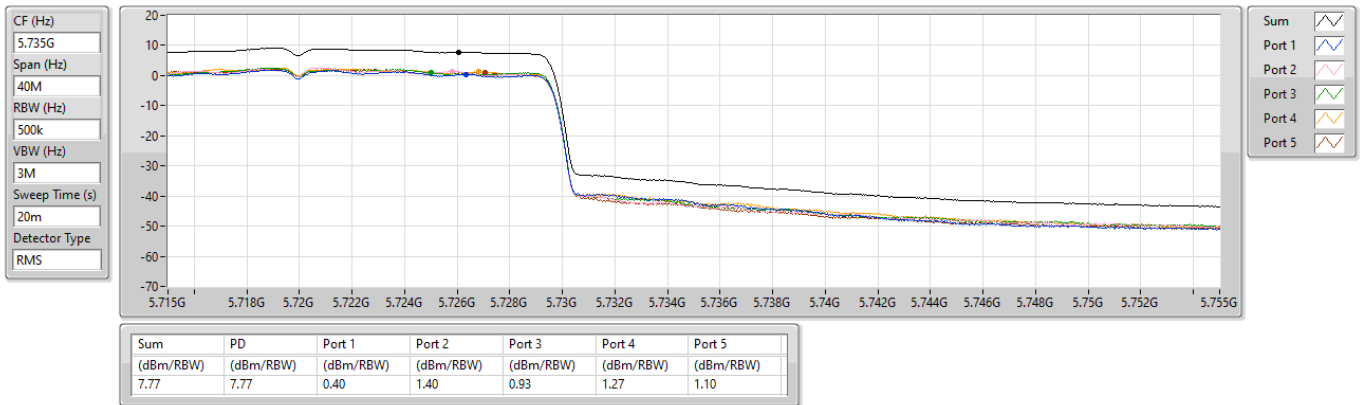




5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

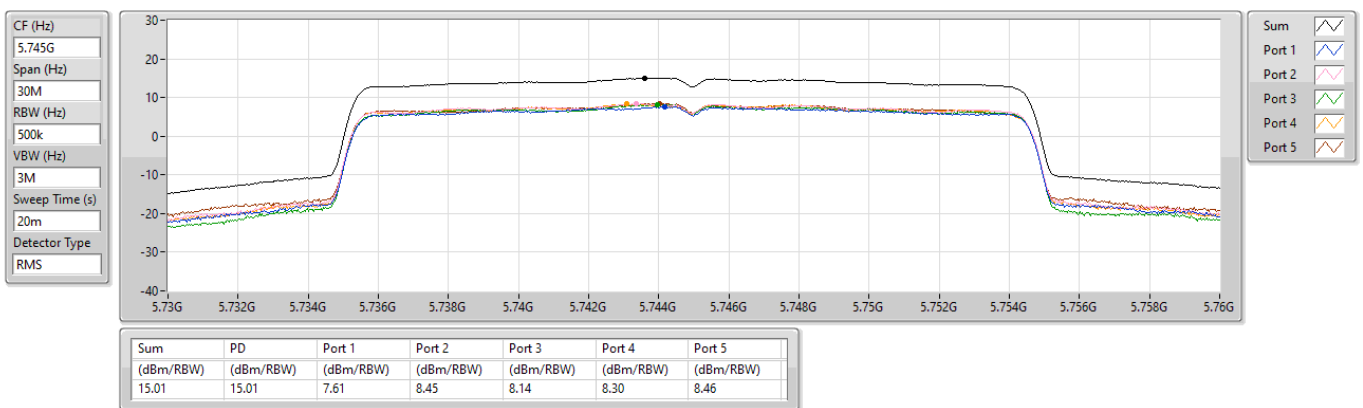
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

5745MHz

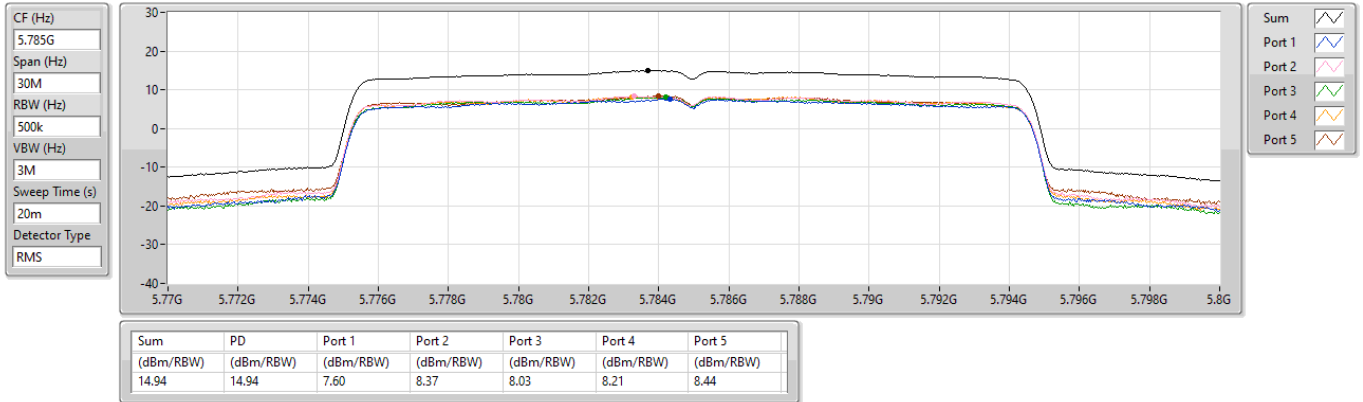




5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

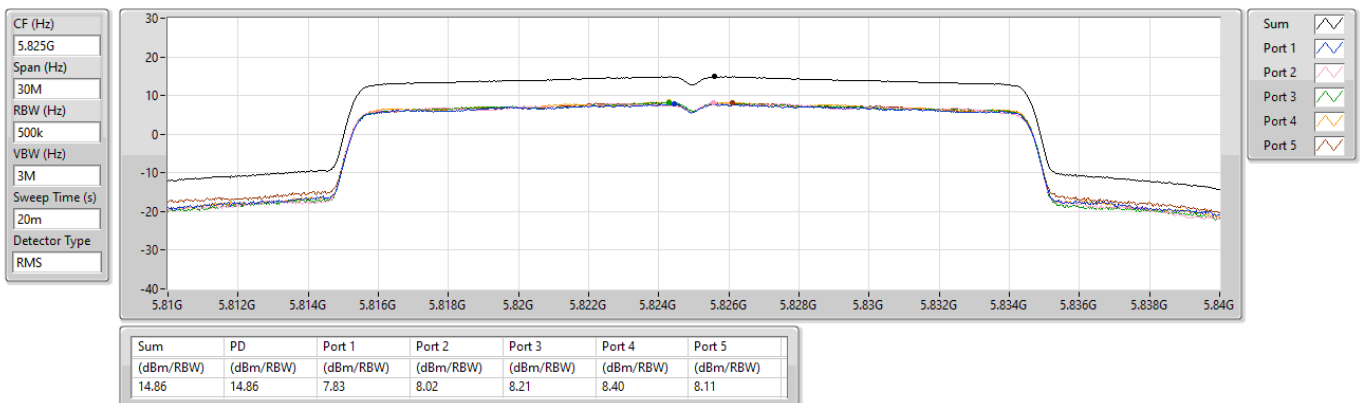
5785MHz



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_5TX

PSD

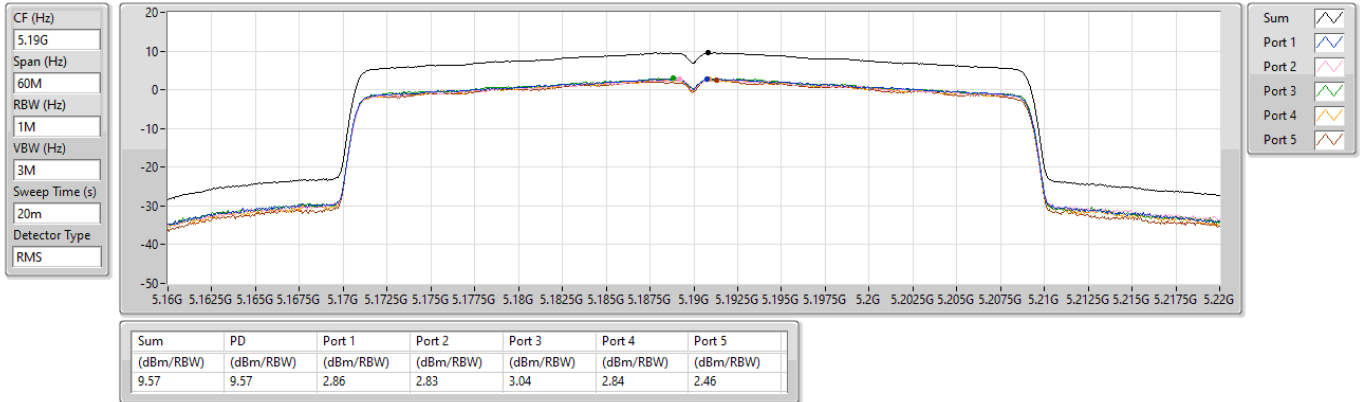
5825MHz



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

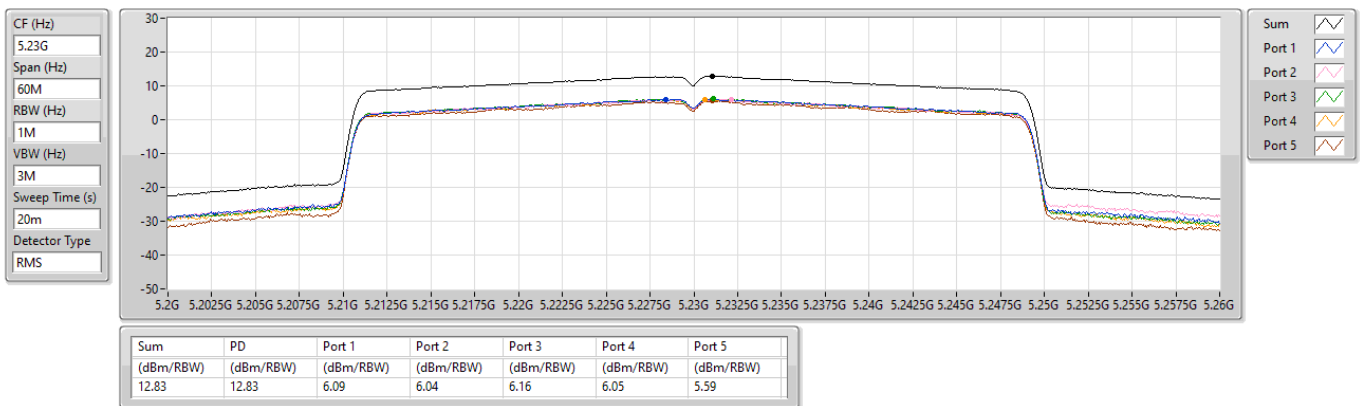
5190MHz



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

5230MHz

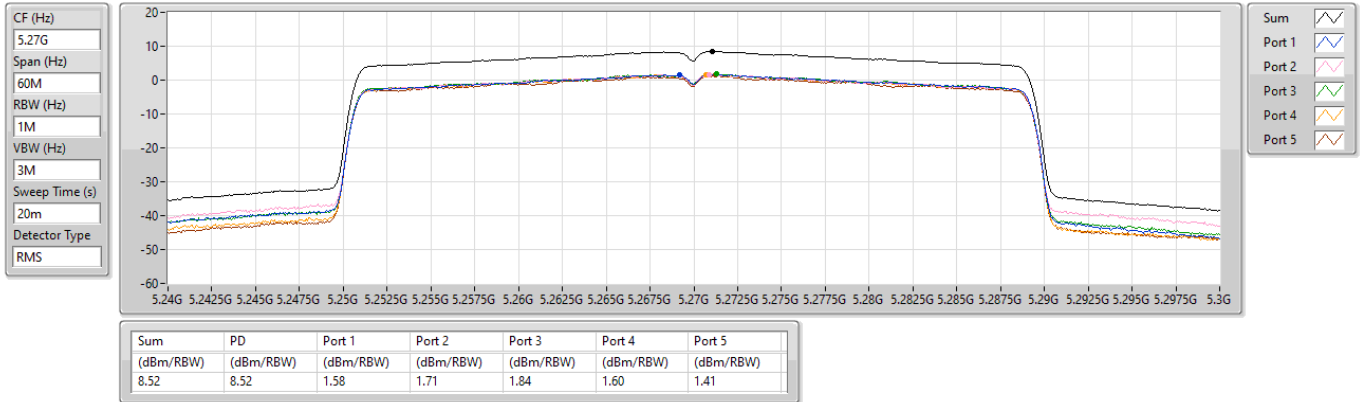




5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

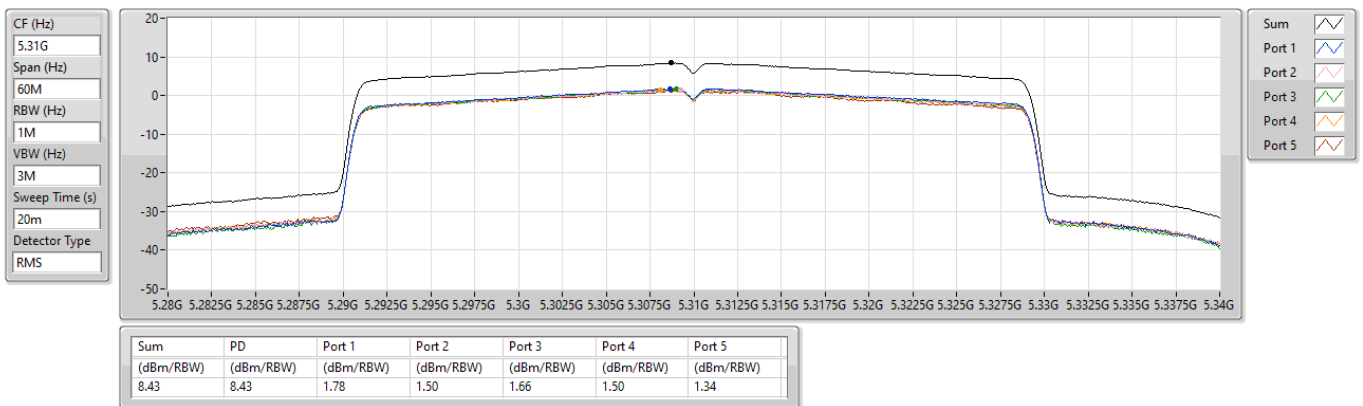
5270MHz



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

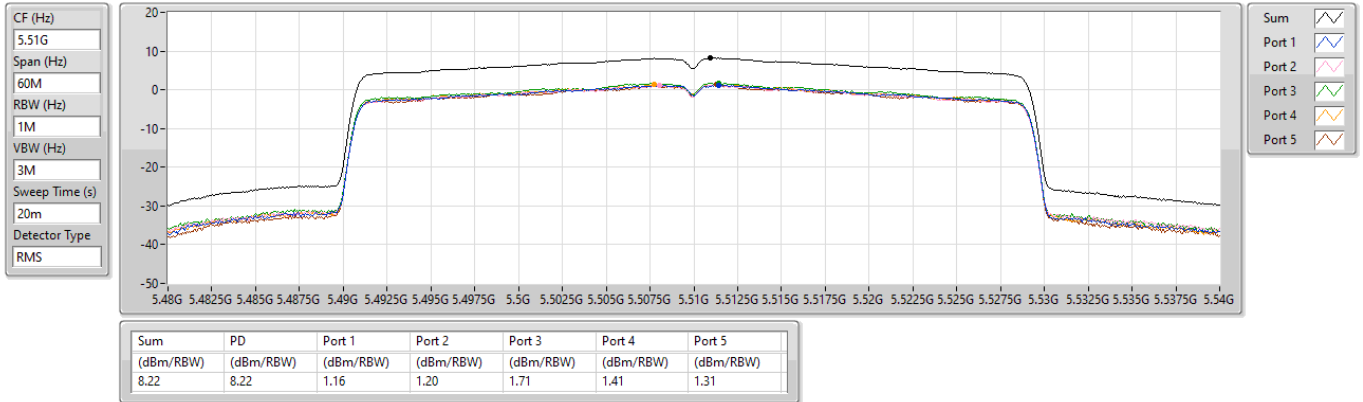
5310MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

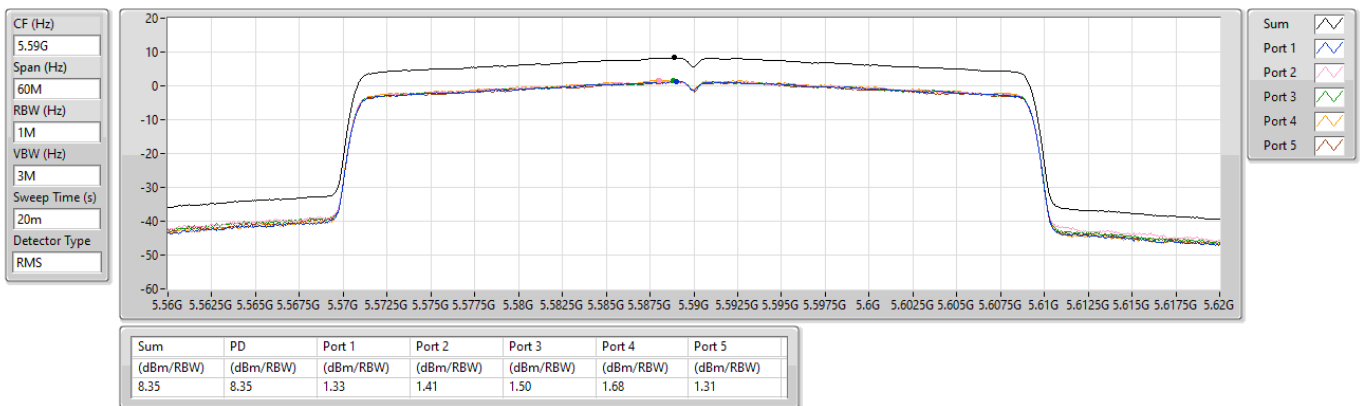
5510MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

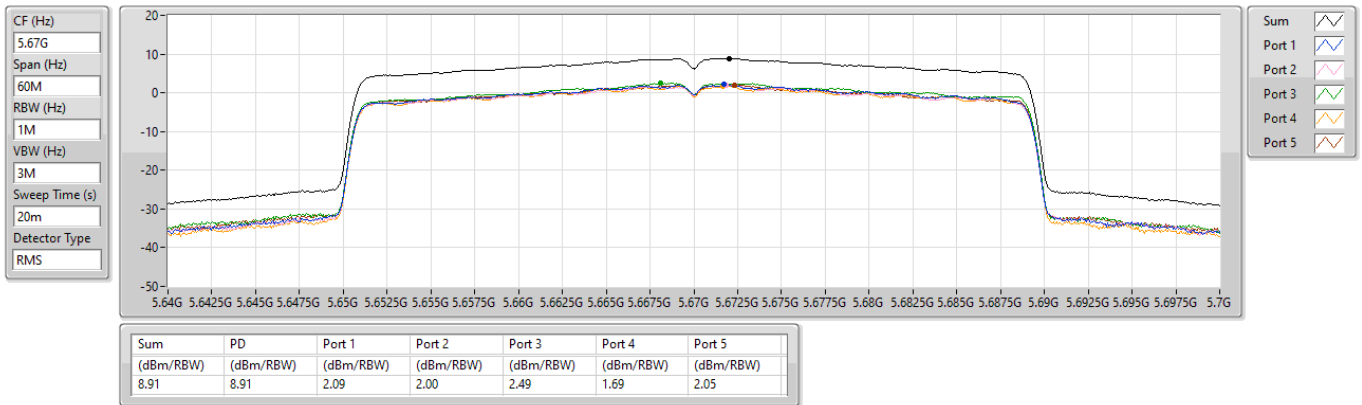
5590MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

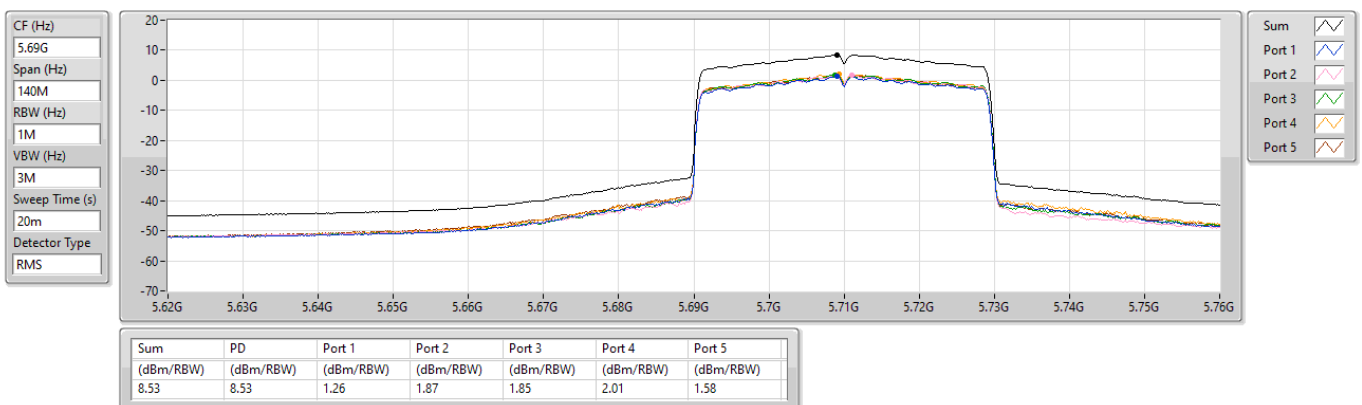
5670MHz



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

5710MHz Straddle 5.47-5.725GHz

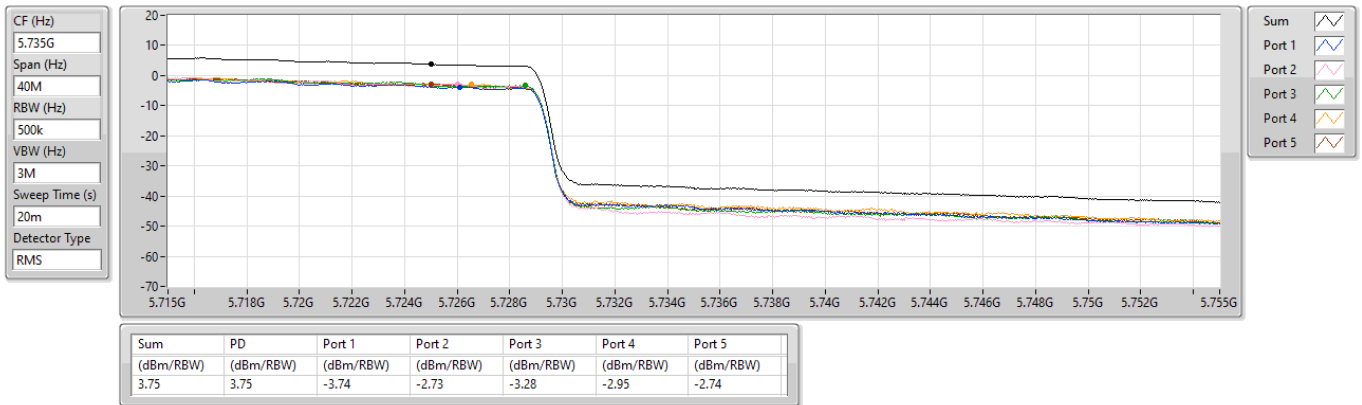




5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

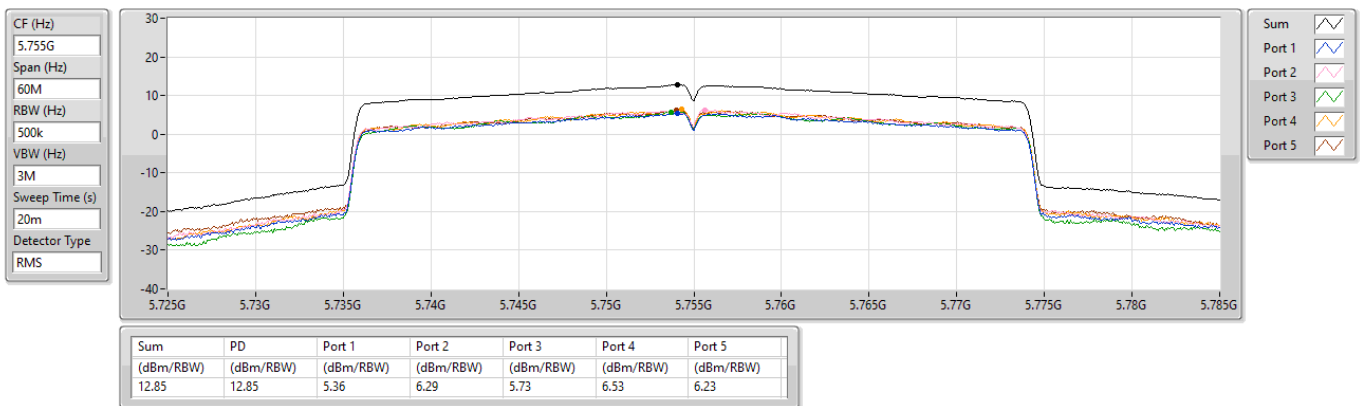
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

5755MHz

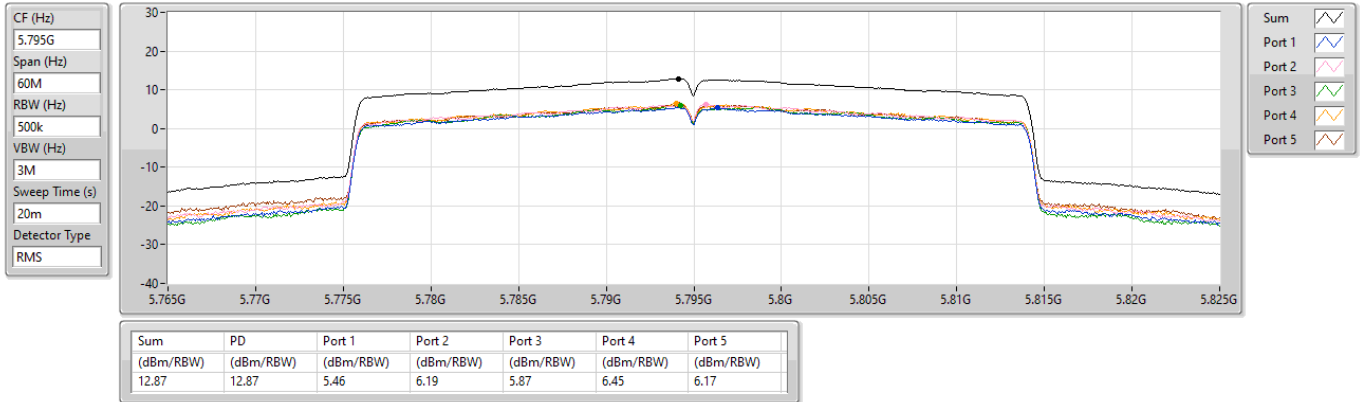




5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_5TX

PSD

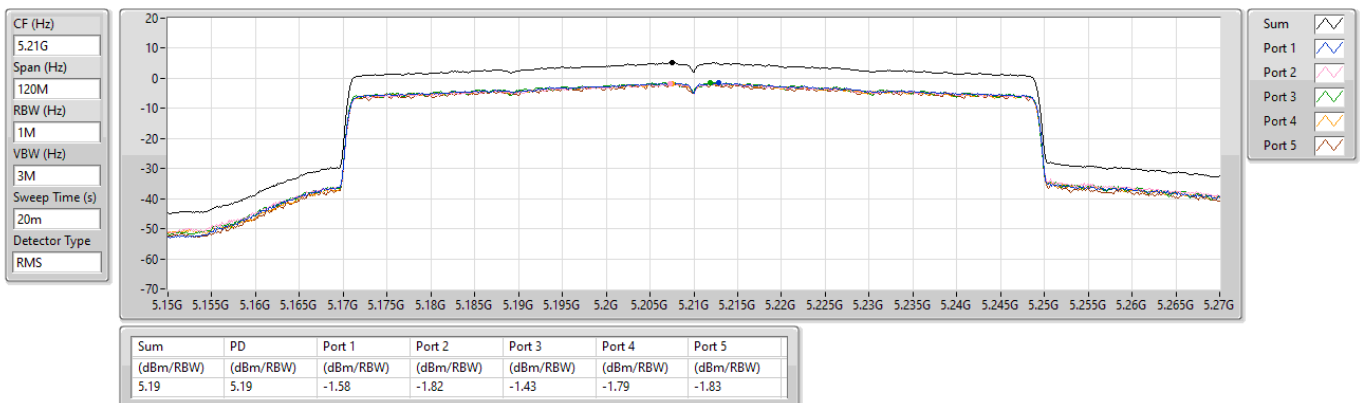
5795MHz



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_5TX

PSD

5210MHz



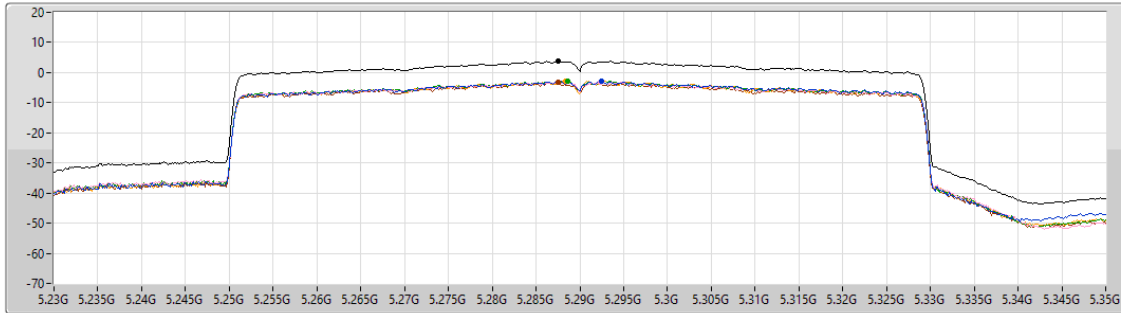


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_5TX

PSD

5290MHz

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4
Port 5

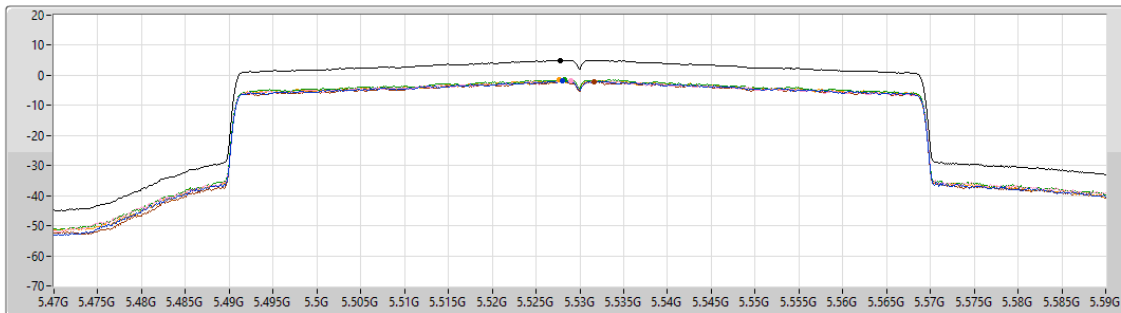
Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.79	3.79	-2.95	-3.22	-2.81	-2.90	-3.34

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_5TX

PSD

5530MHz

CF (Hz)
5.53G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



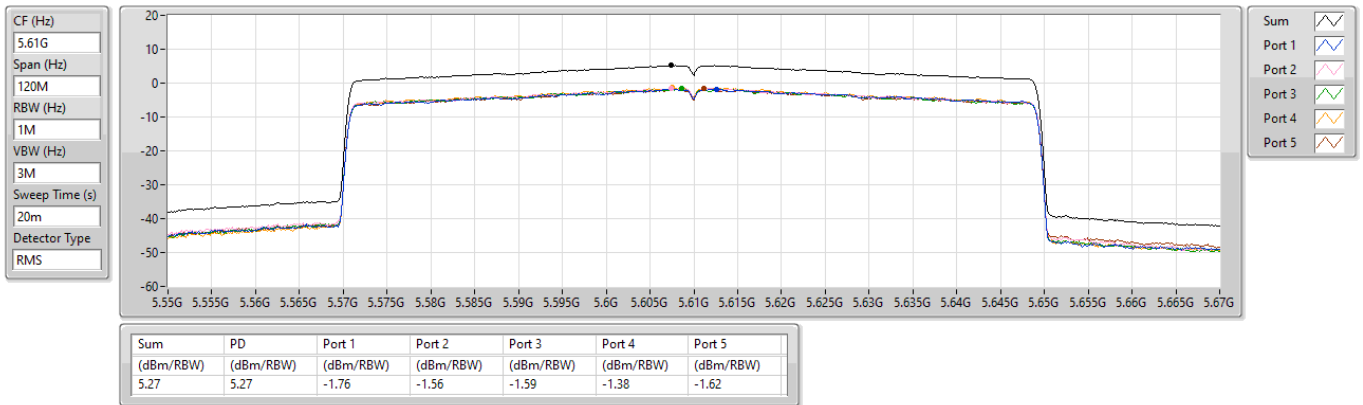
Sum
Port 1
Port 2
Port 3
Port 4
Port 5

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.05	5.05	-1.97	-1.71	-1.47	-1.50	-2.02

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_5TX

PSD

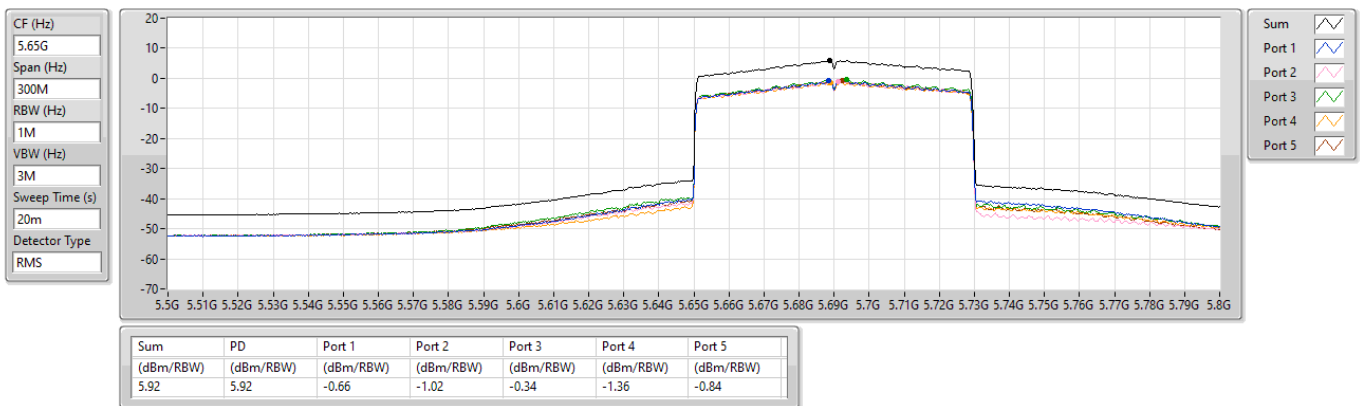
5610MHz



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_5TX

PSD

5690MHz Straddle 5.47-5.725GHz

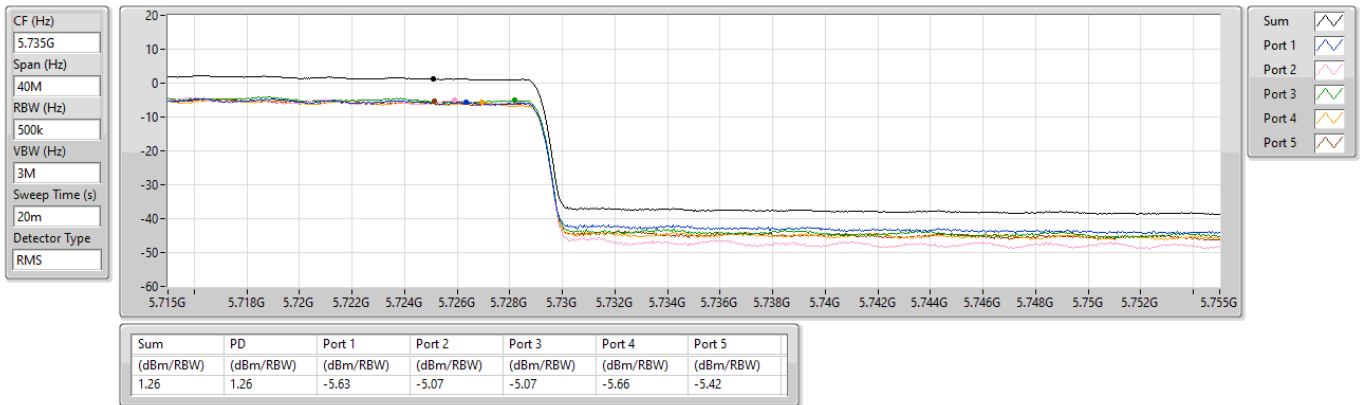




5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_5TX

PSD

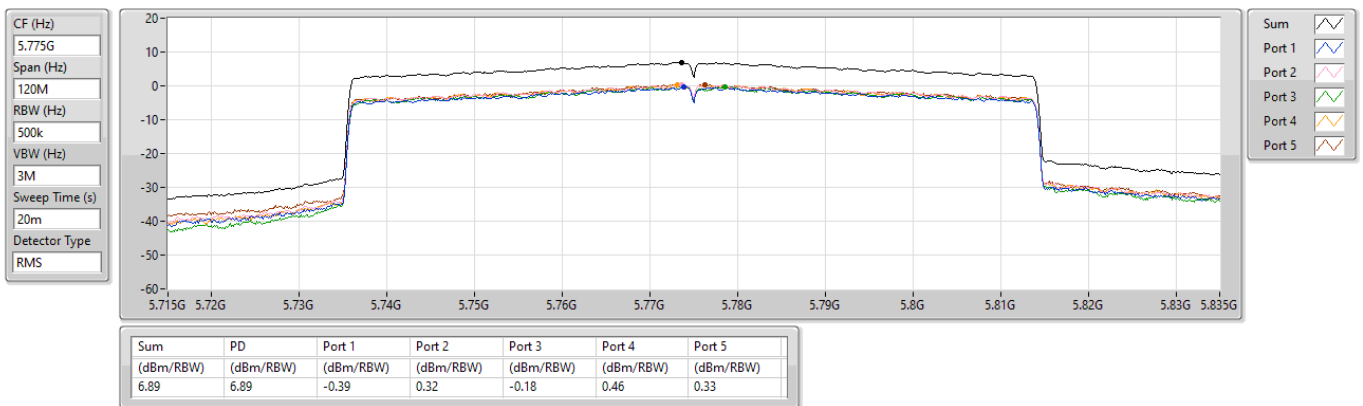
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_5TX

PSD

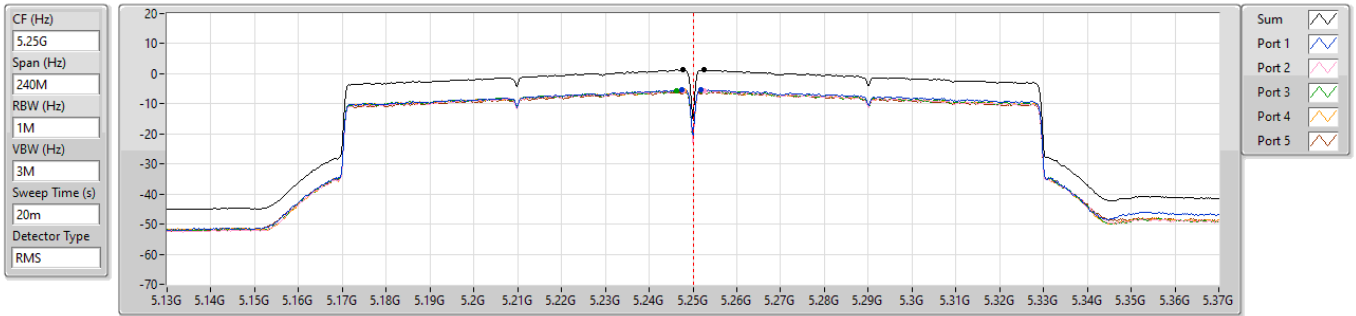
5775MHz



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_5TX

PSD

5250MHz Straddle 5.15-5.25GHz



5150-5250MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.33	1.33	-5.22	-5.56	-5.56	-5.72	-5.94

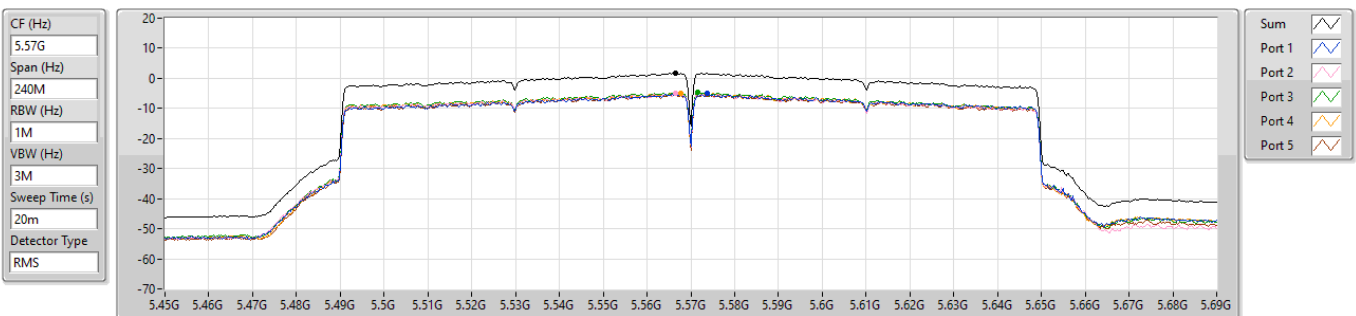
5250-5350MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.20	1.20	-5.36	-5.72	-5.62	-5.68	-6.03

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_5TX

PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.74	1.74	-5.10	-5.03	-4.71	-4.81	-5.20

Beamforming mode
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	16.45	21.74
802.11be EHT40-BF_Nss1,(MCS0)_5TX	13.19	18.48
802.11be EHT80-BF_Nss1,(MCS0)_5TX	3.81	9.10
802.11be EHT160-BF_Nss1,(MCS0)_5TX	0.86	6.15
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	10.95	16.74
802.11be EHT40-BF_Nss1,(MCS0)_5TX	8.65	14.44
802.11be EHT80-BF_Nss1,(MCS0)_5TX	3.80	9.59
802.11be EHT160-BF_Nss1,(MCS0)_5TX	0.80	6.59
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	10.90	16.75
802.11be EHT40-BF_Nss1,(MCS0)_5TX	9.20	15.05
802.11be EHT80-BF_Nss1,(MCS0)_5TX	5.58	11.43
802.11be EHT160-BF_Nss1,(MCS0)_5TX	1.08	6.93
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_5TX	15.18	21.09
802.11be EHT40-BF_Nss1,(MCS0)_5TX	12.57	18.48
802.11be EHT80-BF_Nss1,(MCS0)_5TX	6.75	12.66

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)	Port 5 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20-BF_Nss1,(MCS0)_5TX											
5180MHz	Pass	5.29	5.83	5.76	6.01	5.68	5.35	12.60	17.00	17.89	23.00
5200MHz	Pass	5.29	8.91	8.88	9.15	8.65	8.49	15.70	17.00	20.99	23.00
5240MHz	Pass	5.29	9.60	9.82	9.90	9.74	8.83	16.45	17.00	21.74	23.00
5260MHz	Pass	5.79	4.11	4.22	4.41	4.13	3.42	10.95	11.00	16.74	17.00
5300MHz	Pass	5.79	4.10	4.22	4.41	4.10	3.46	10.93	11.00	16.72	17.00
5320MHz	Pass	5.79	4.05	4.11	4.28	4.19	3.54	10.92	11.00	16.71	17.00
5500MHz	Pass	5.85	3.84	3.89	4.49	4.26	3.63	10.87	11.00	16.72	17.00
5580MHz	Pass	5.85	3.86	4.16	4.08	4.34	3.82	10.90	11.00	16.75	17.00
5680MHz	Pass	5.85	2.93	3.27	2.83	2.51	3.27	9.73	11.00	15.58	17.00
5700MHz	Pass	5.85	-0.08	0.60	0.23	0.66	0.73	7.17	11.00	13.02	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	2.82	3.85	3.74	3.72	3.45	10.28	11.00	16.13	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	0.71	1.35	1.42	1.51	0.97	7.99	30.00	13.90	36.00
5745MHz	Pass	5.91	7.84	8.66	8.35	8.50	8.42	15.18	30.00	21.09	36.00
5785MHz	Pass	5.91	7.86	8.71	8.08	8.40	8.44	15.01	30.00	20.92	36.00
5825MHz	Pass	5.91	8.15	8.64	8.25	8.35	8.14	15.16	30.00	21.07	36.00
802.11be EHT40-BF_Nss1,(MCS0)_5TX											
5190MHz	Pass	5.29	2.11	2.04	2.42	1.95	1.71	8.82	17.00	14.11	23.00
5230MHz	Pass	5.29	6.31	6.45	6.56	6.22	5.71	13.19	17.00	18.48	23.00
5270MHz	Pass	5.79	1.88	1.99	2.08	1.74	1.27	8.65	11.00	14.44	17.00
5310MHz	Pass	5.79	1.72	1.73	1.92	1.68	1.34	8.57	11.00	14.36	17.00
5510MHz	Pass	5.85	1.97	2.13	2.59	2.47	1.92	9.08	11.00	14.93	17.00
5590MHz	Pass	5.85	1.62	1.94	1.72	2.06	1.63	8.67	11.00	14.52	17.00
5670MHz	Pass	5.85	2.40	2.56	2.33	1.72	2.39	9.20	11.00	15.05	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.85	0.81	1.60	1.43	1.44	1.26	8.14	11.00	13.99	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	-3.69	-3.26	-3.37	-3.30	-3.05	3.58	30.00	9.49	36.00
5755MHz	Pass	5.91	5.16	5.97	5.76	5.84	5.83	12.57	30.00	18.48	36.00
5795MHz	Pass	5.91	4.78	5.49	5.21	5.26	5.48	12.10	30.00	18.01	36.00
802.11be EHT80-BF_Nss1,(MCS0)_5TX											
5210MHz	Pass	5.29	-2.81	-3.02	-2.80	-3.00	-3.46	3.81	17.00	9.10	23.00
5290MHz	Pass	5.79	-2.99	-3.02	-2.78	-3.09	-3.37	3.80	11.00	9.59	17.00
5530MHz	Pass	5.85	-1.64	-1.54	-1.04	-1.38	-1.85	5.32	11.00	11.17	17.00
5610MHz	Pass	5.85	-1.28	-1.23	-1.36	-1.04	-1.43	5.47	11.00	11.32	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.85	-1.40	-0.99	-1.21	-1.62	-1.26	5.58	11.00	11.43	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.91	-5.90	-5.86	-6.03	-6.47	-5.81	0.83	30.00	6.74	36.00
5775MHz	Pass	5.91	-0.67	0.36	-0.29	-0.11	0.29	6.75	30.00	12.66	36.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT160-BF_Nss1,(MCS0)_5TX											
5250MHz Straddle 5.15-5.25GHz	Pass	5.29	-5.95	-6.16	-5.71	-6.15	-6.20	0.86	17.00	6.15	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.79	-5.79	-6.04	-5.92	-5.90	-6.39	0.80	11.00	6.59	17.00
5570MHz	Pass	5.85	-5.90	-5.82	-5.20	-5.70	-5.93	1.08	11.00	6.93	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;

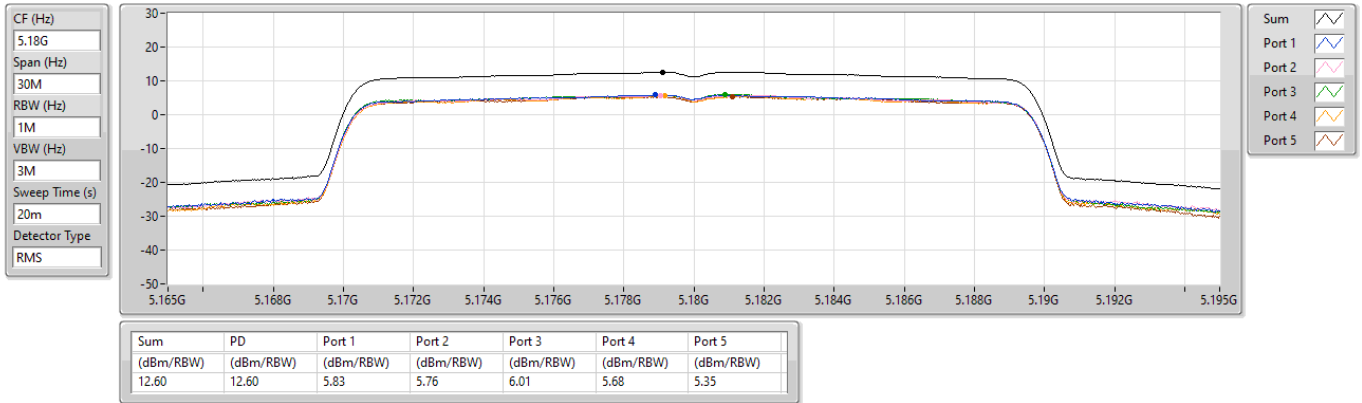
Directional Gain refers to antenna specification.



5.15-5.25GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

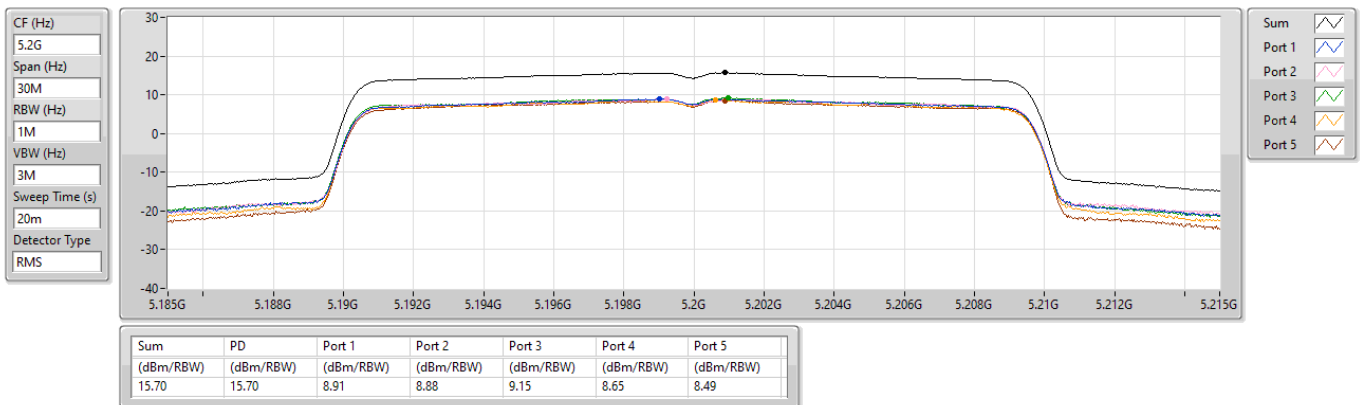
5180MHz



5.15-5.25GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

5200MHz

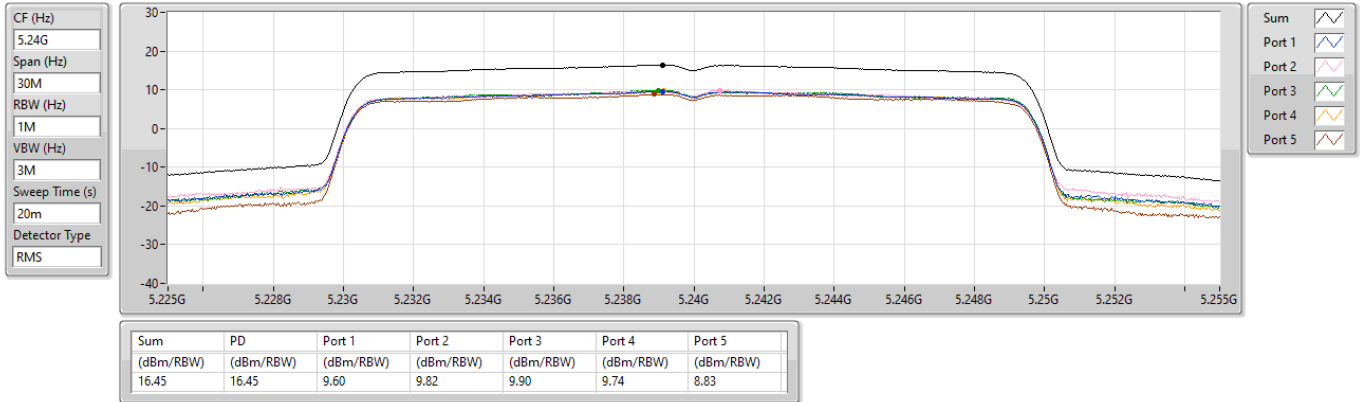




5.15-5.25GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

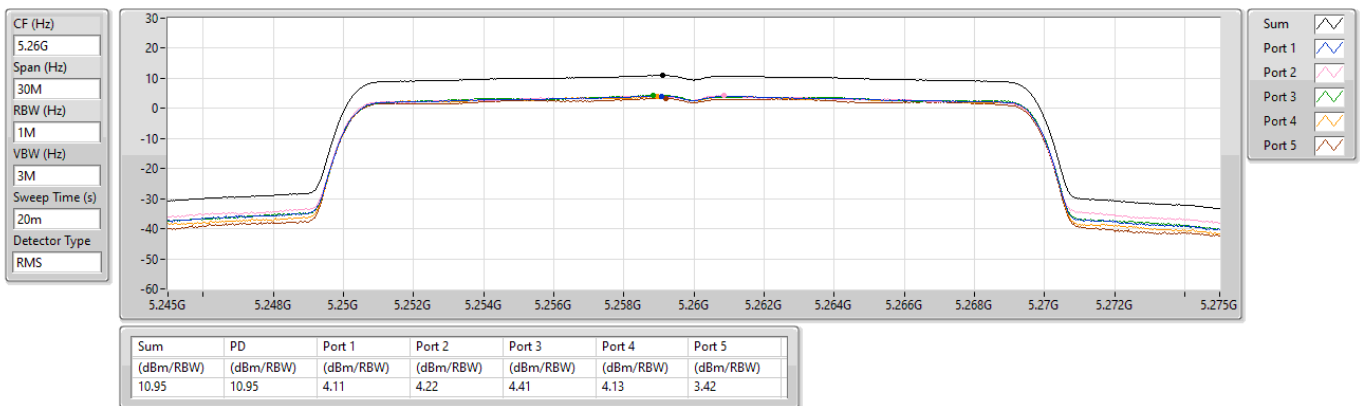
5240MHz



5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

5260MHz

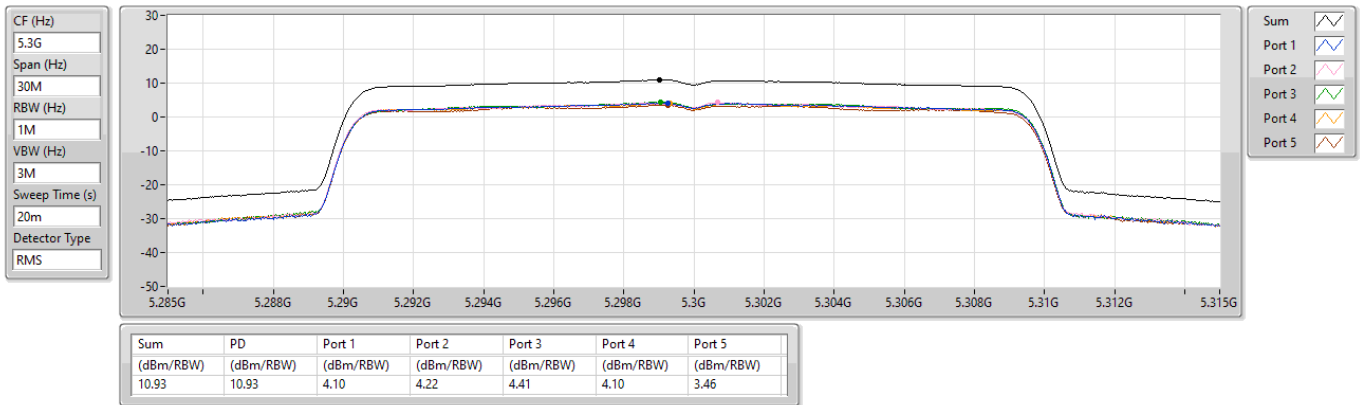




5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

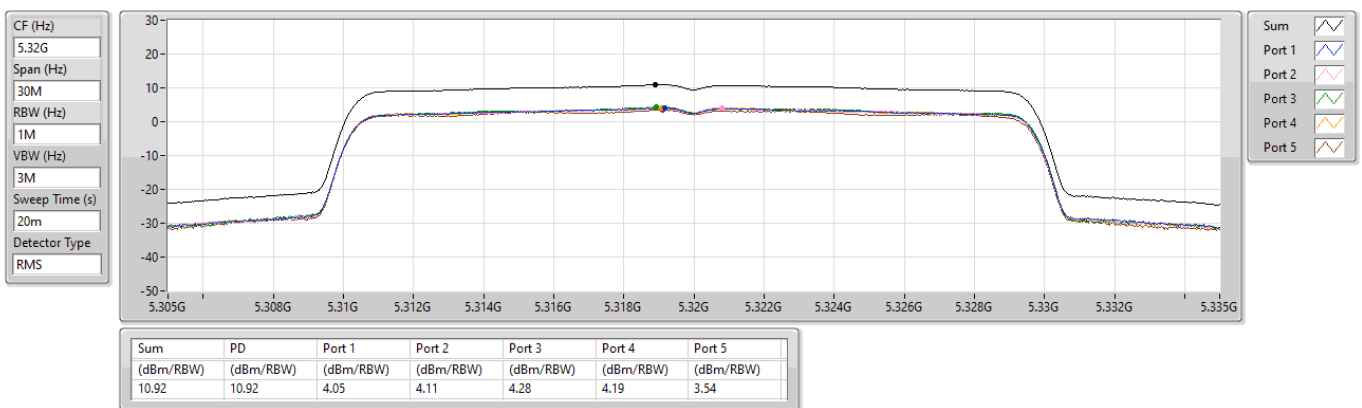
5300MHz



5.25-5.35GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

5320MHz

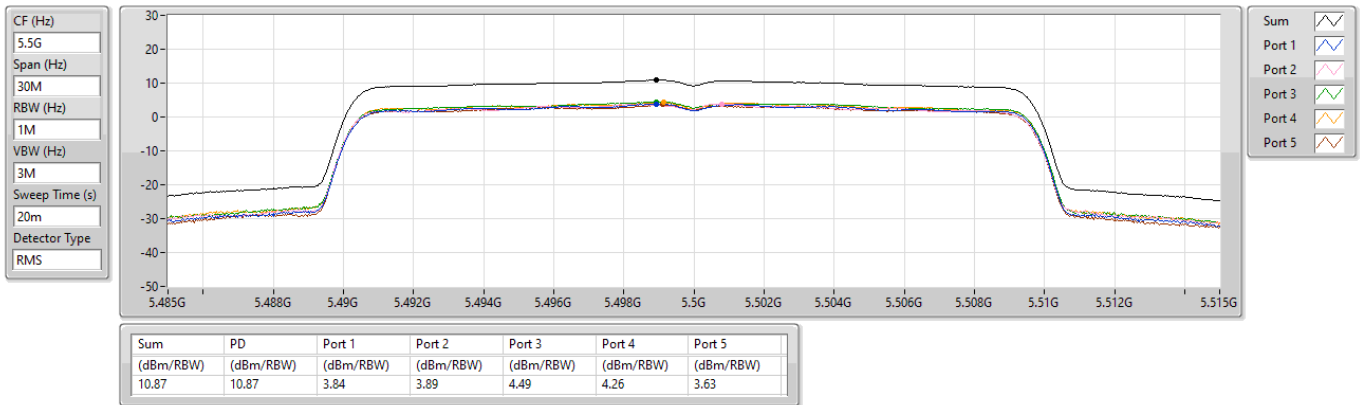




5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

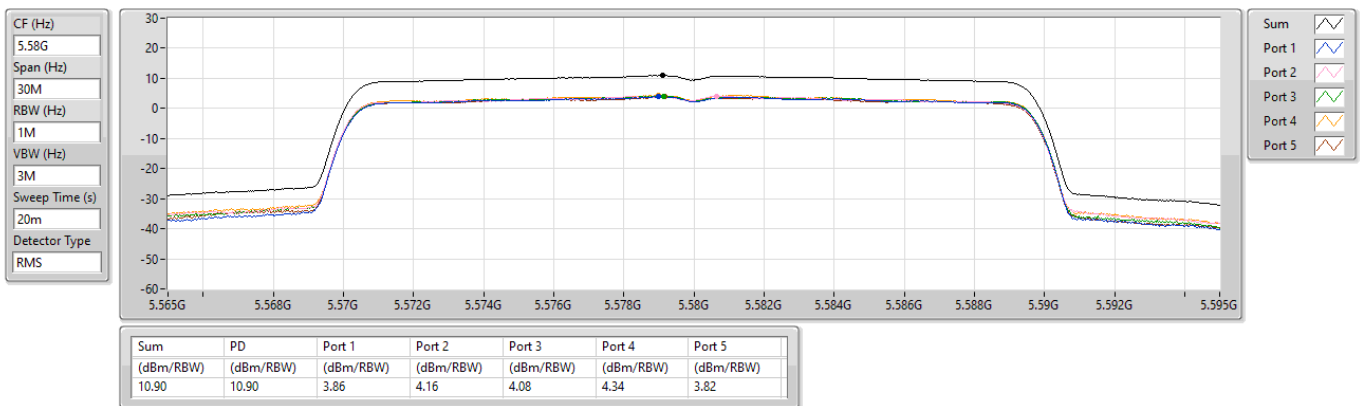
5500MHz



5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

5580MHz

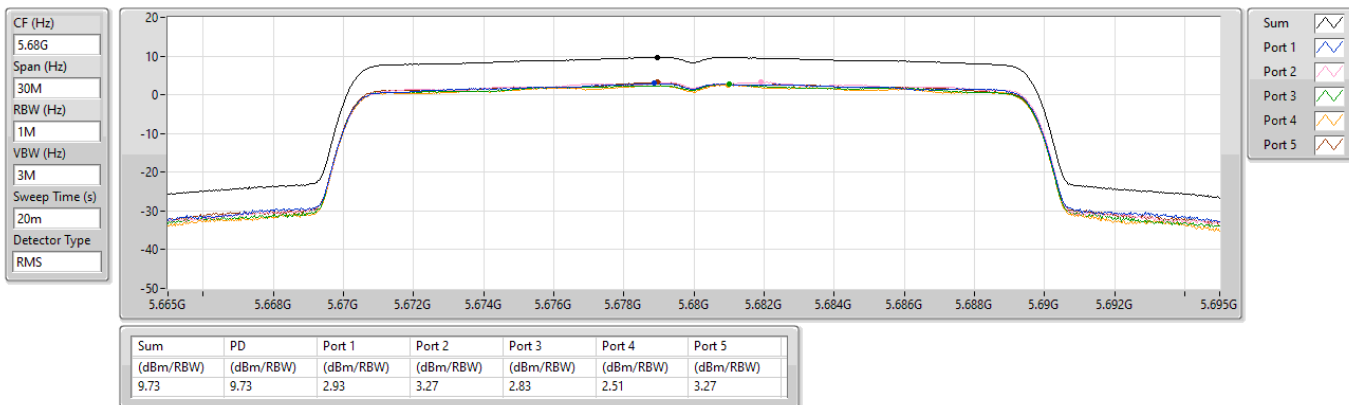




5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

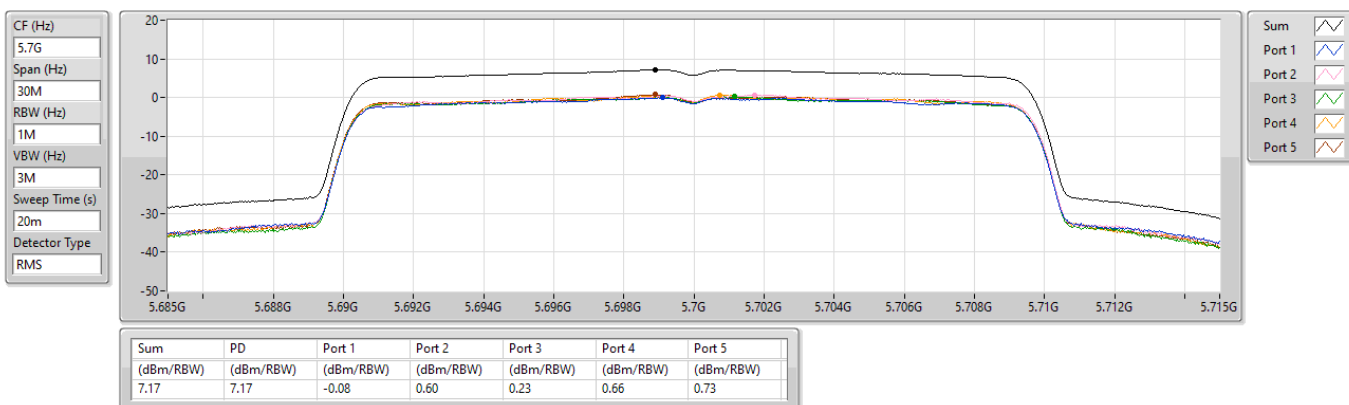
5680MHz



5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

5700MHz

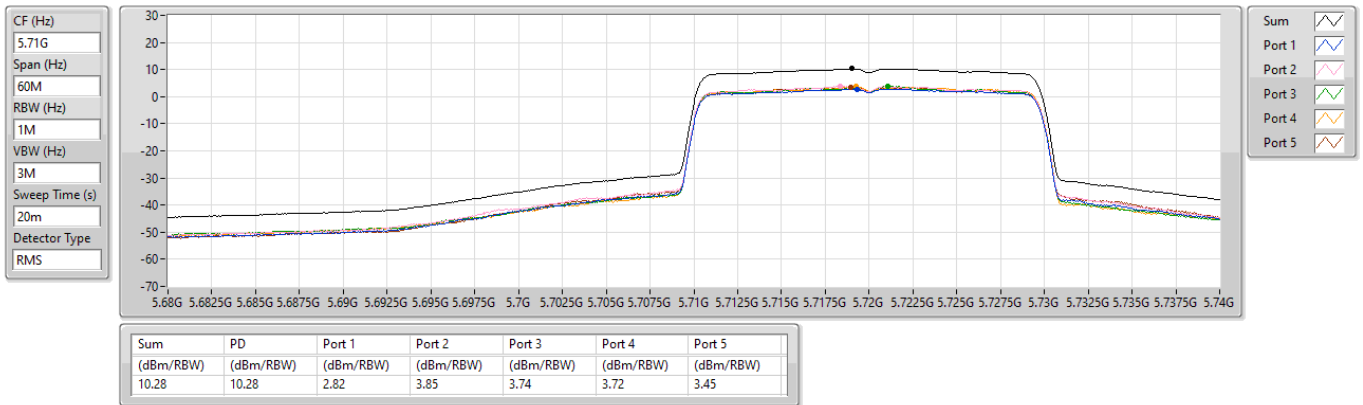




5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

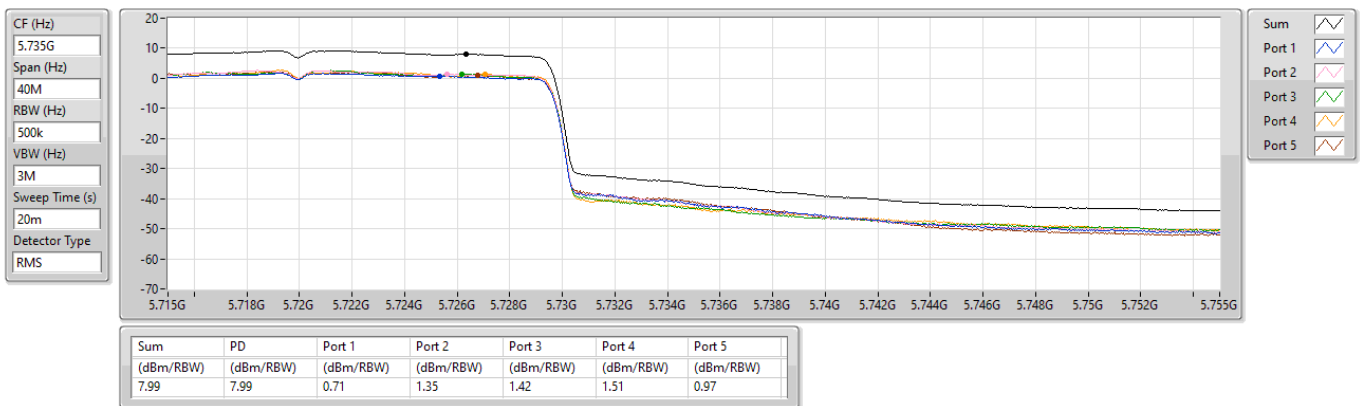
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

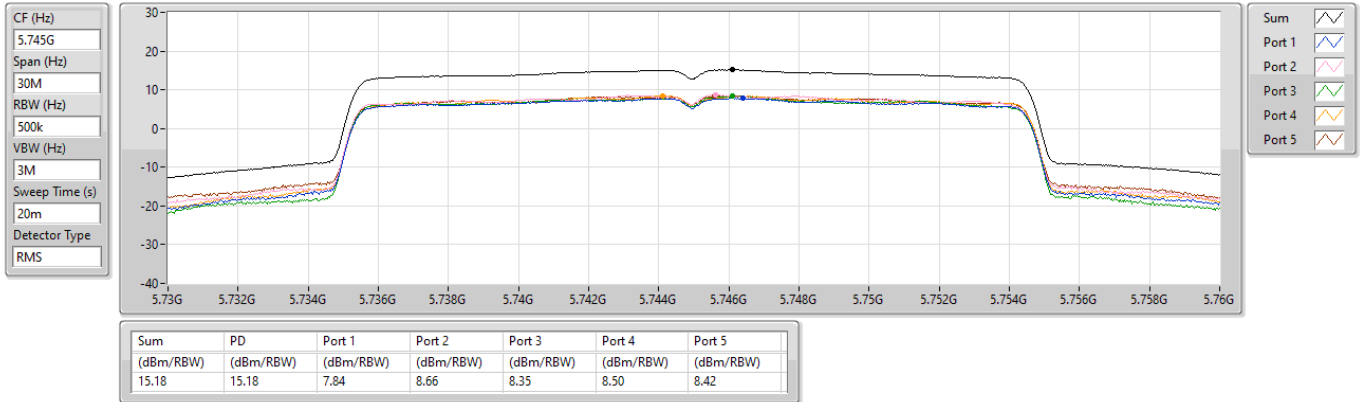
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

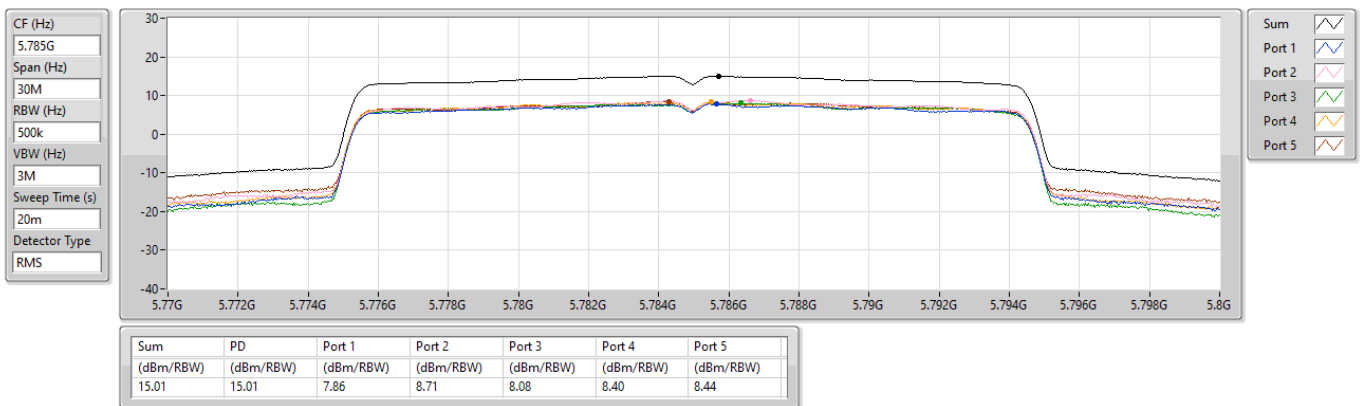
5745MHz



5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

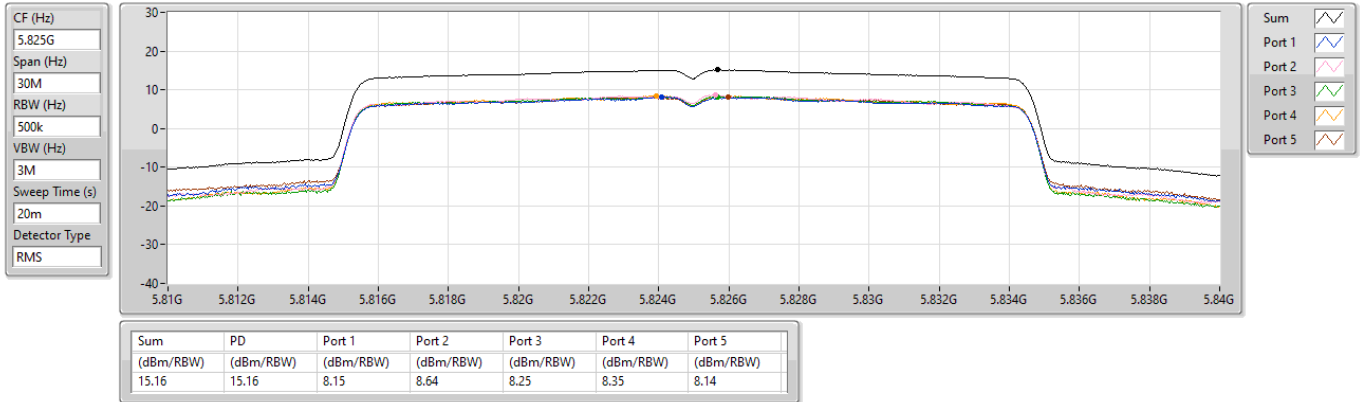
5785MHz



5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_5TX

PSD

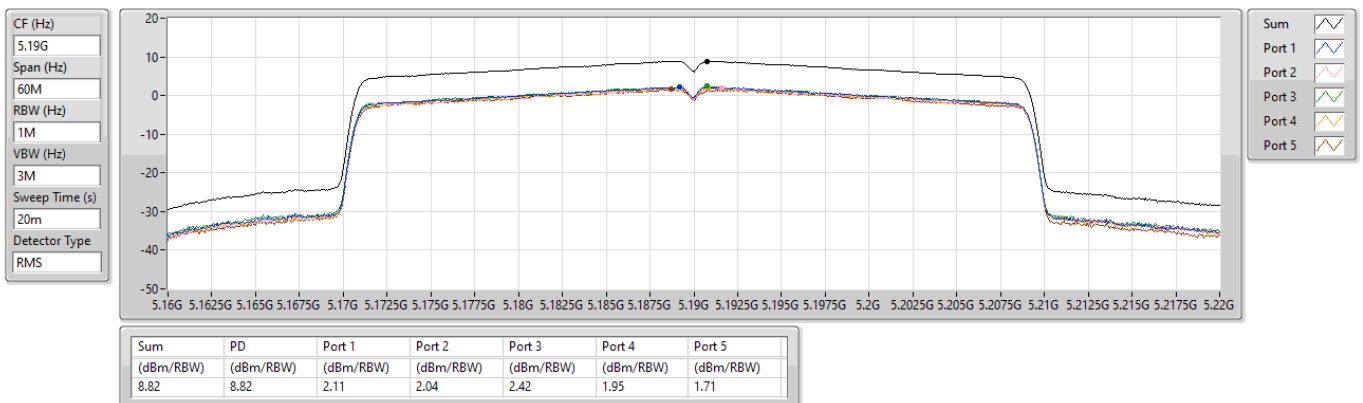
5825MHz



5.15-5.25GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

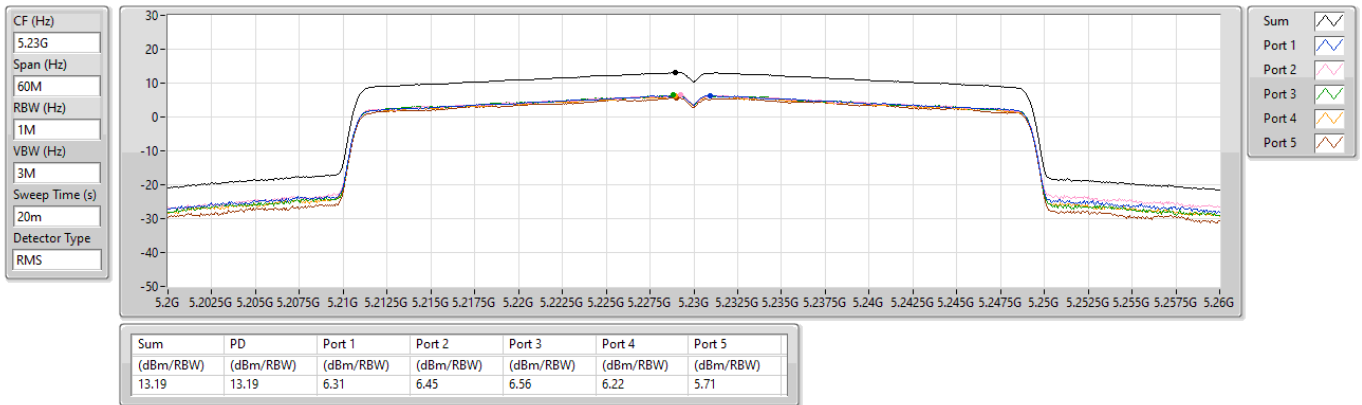
5190MHz



5.15-5.25GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

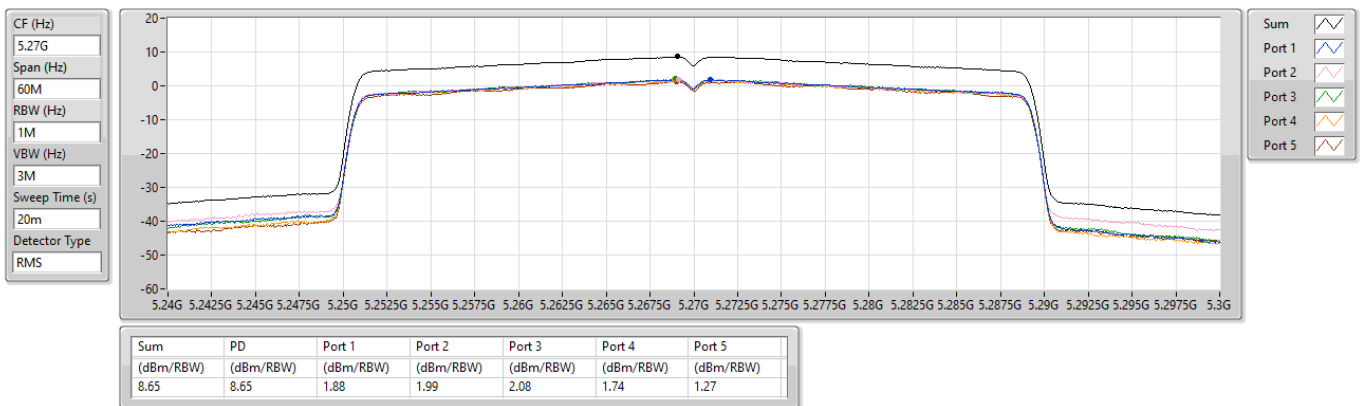
5230MHz



5.25-5.35GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

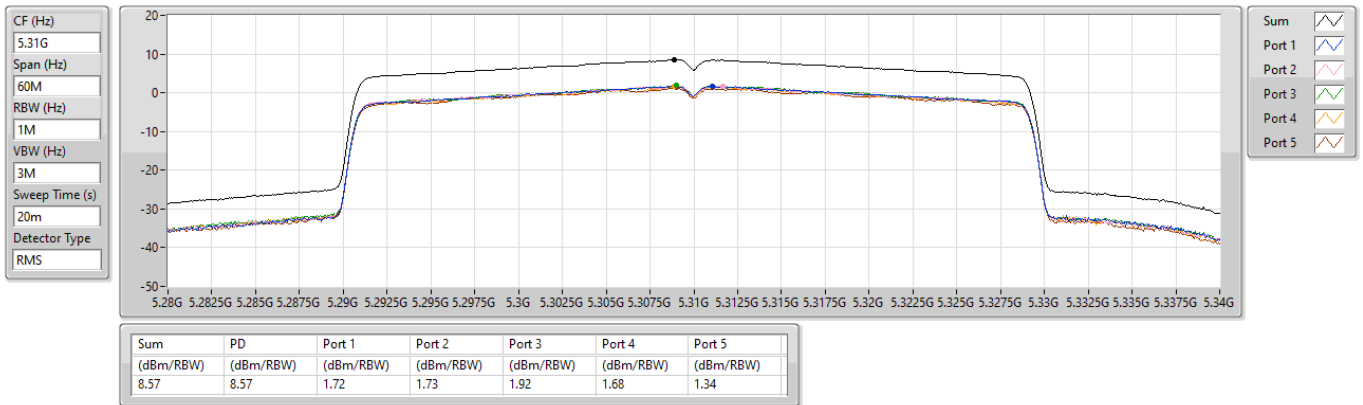
5270MHz



5.25-5.35GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

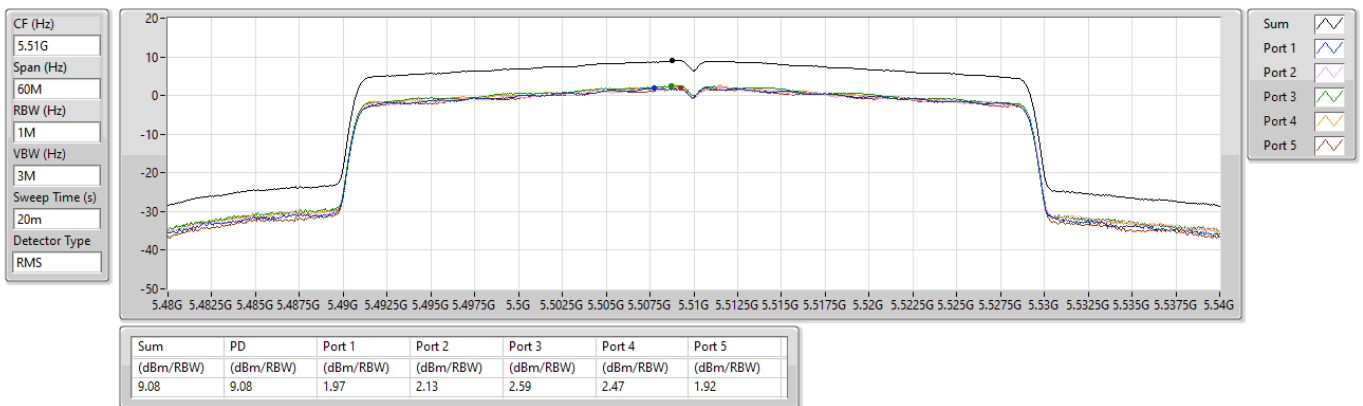
5310MHz



5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

5510MHz



5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

5590MHz

CF (Hz)
5.59G

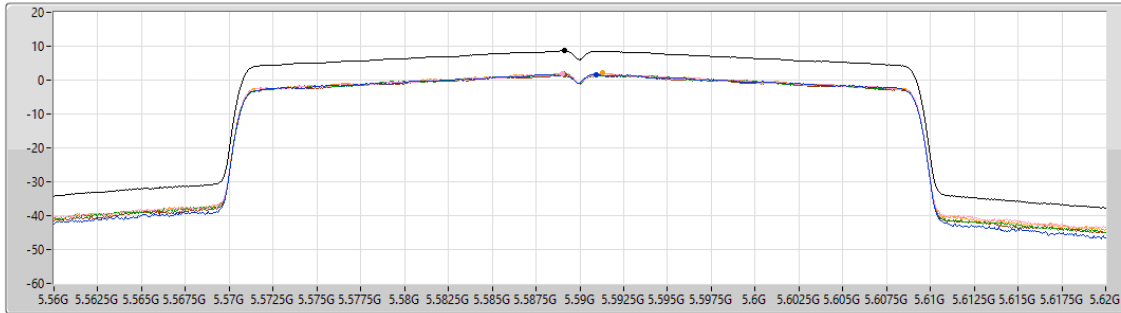
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Port 5

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.67	8.67	1.62	1.94	1.72	2.06	1.63

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

5670MHz

CF (Hz)
5.67G

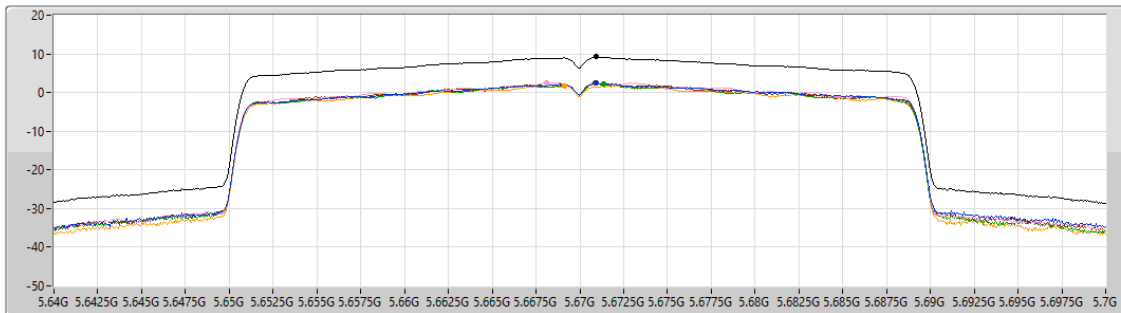
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Port 5

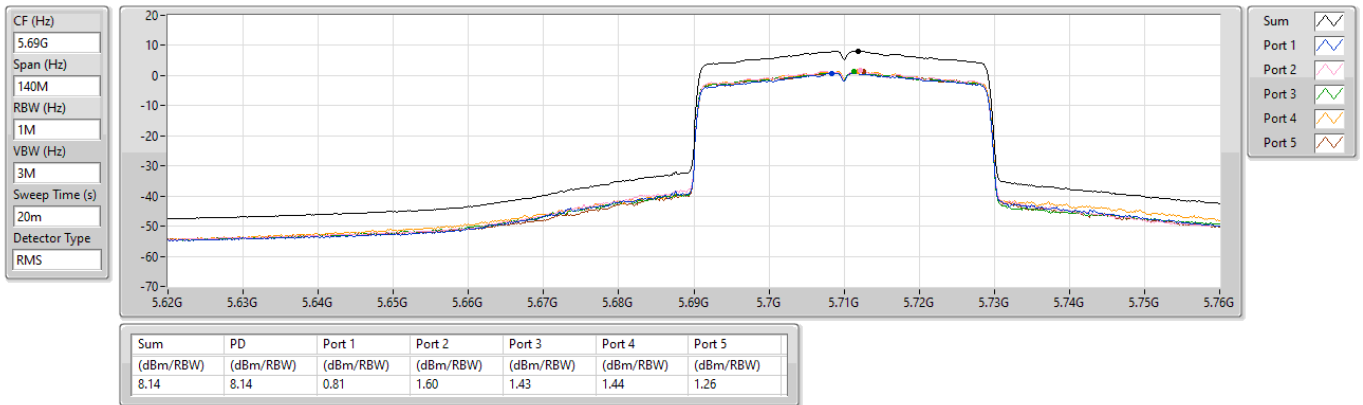
Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.20	9.20	2.40	2.56	2.33	1.72	2.39



5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

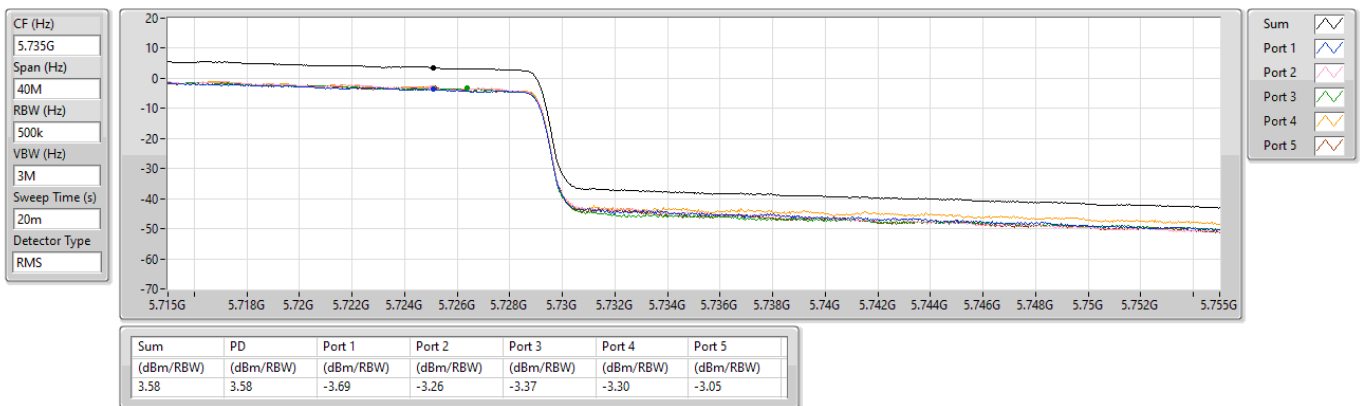
5710MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

5710MHz Straddle 5.725-5.85GHz

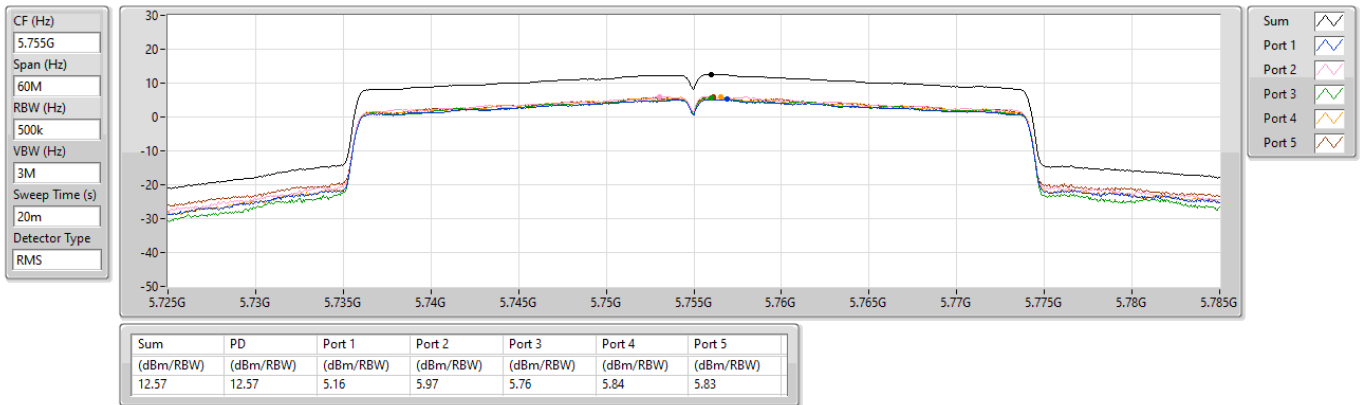




5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

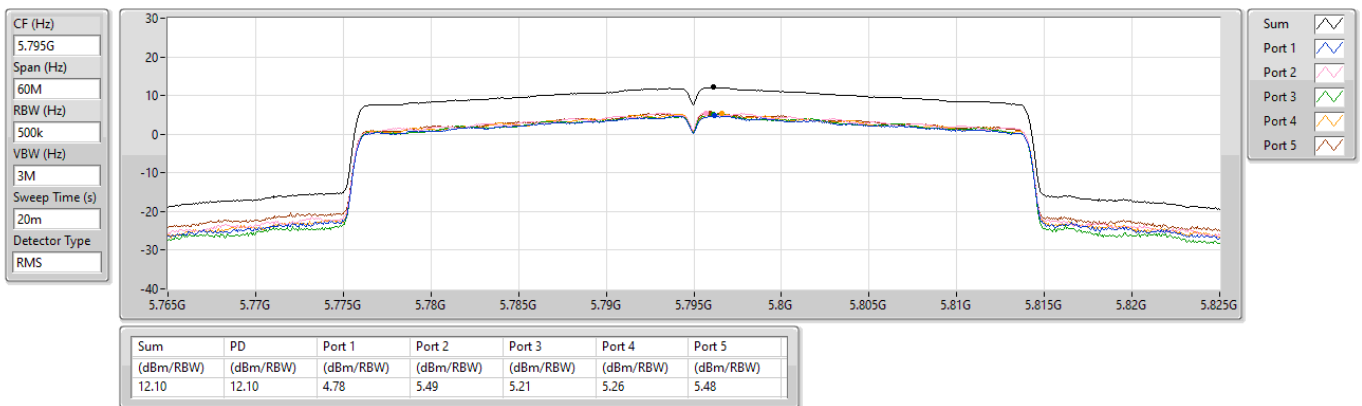
5755MHz



5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_5TX

PSD

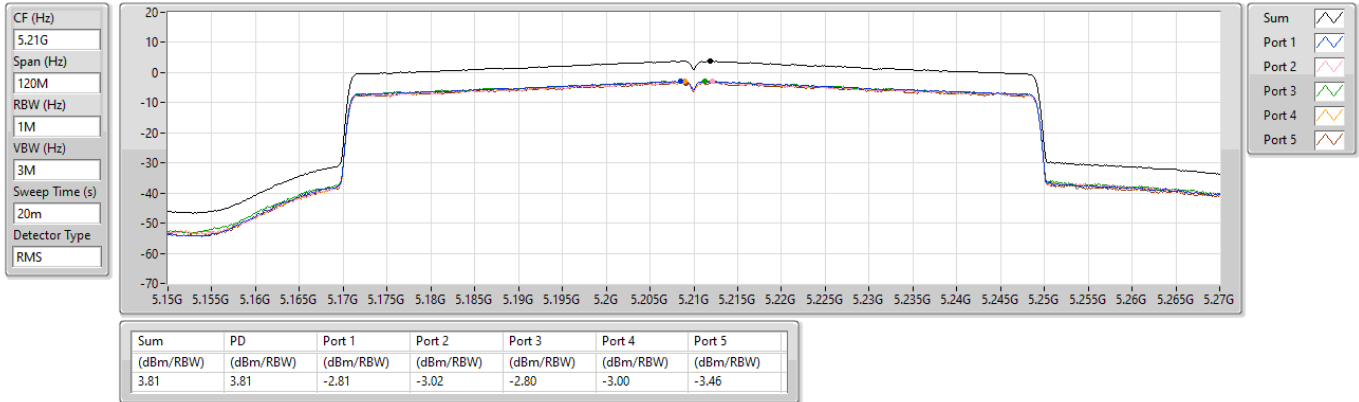
5795MHz



5.15-5.25GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

PSD

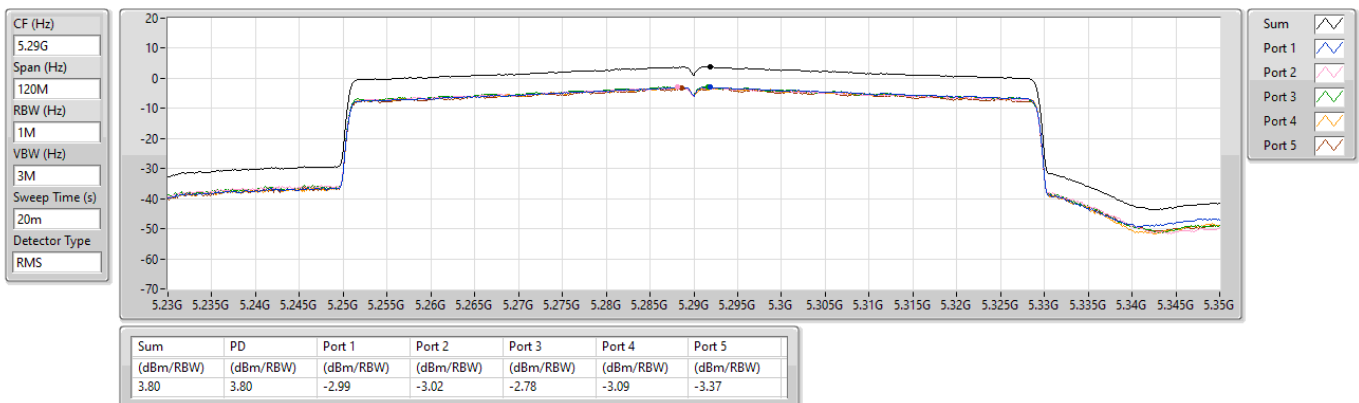
5210MHz



5.25-5.35GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

PSD

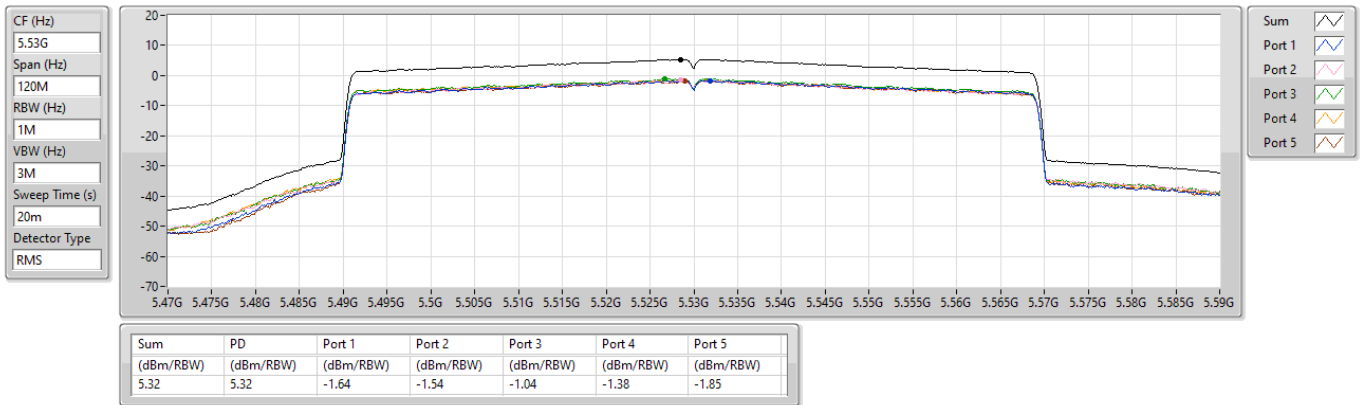
5290MHz



5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

PSD

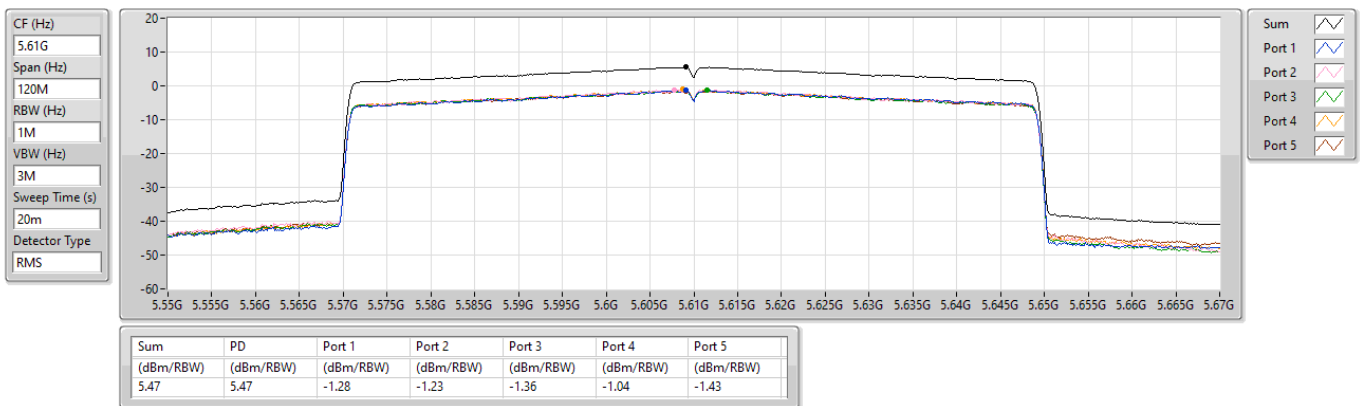
5530MHz



5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

PSD

5610MHz

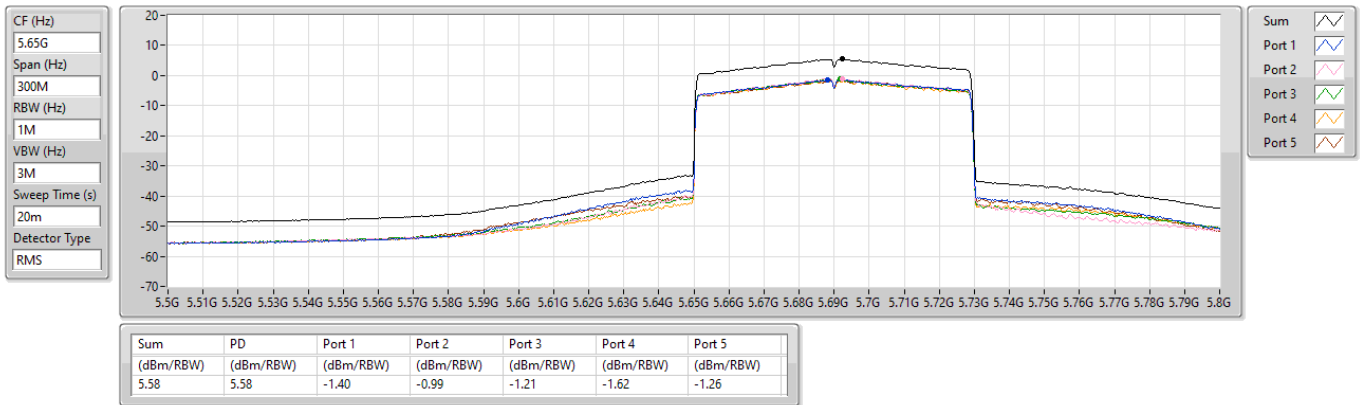




5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

PSD

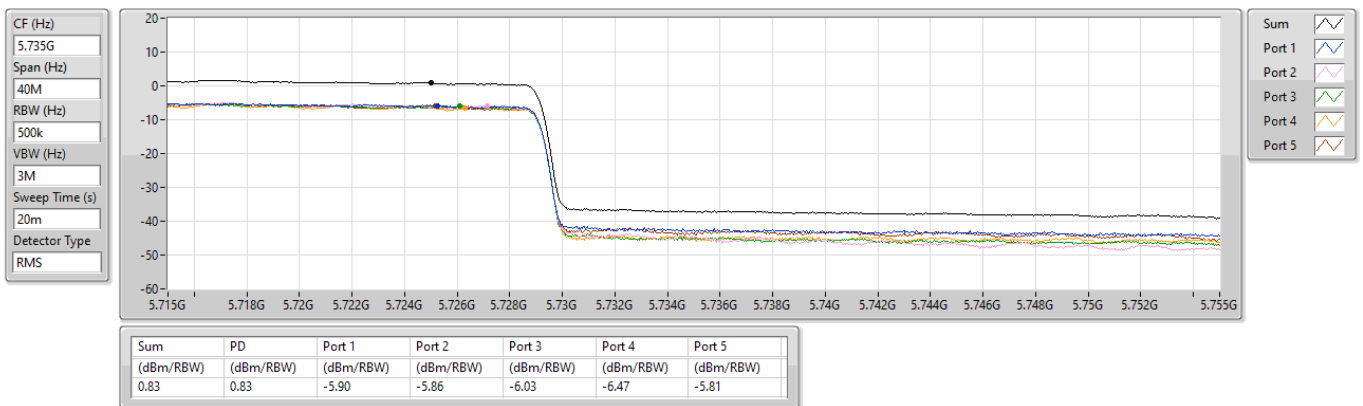
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

PSD

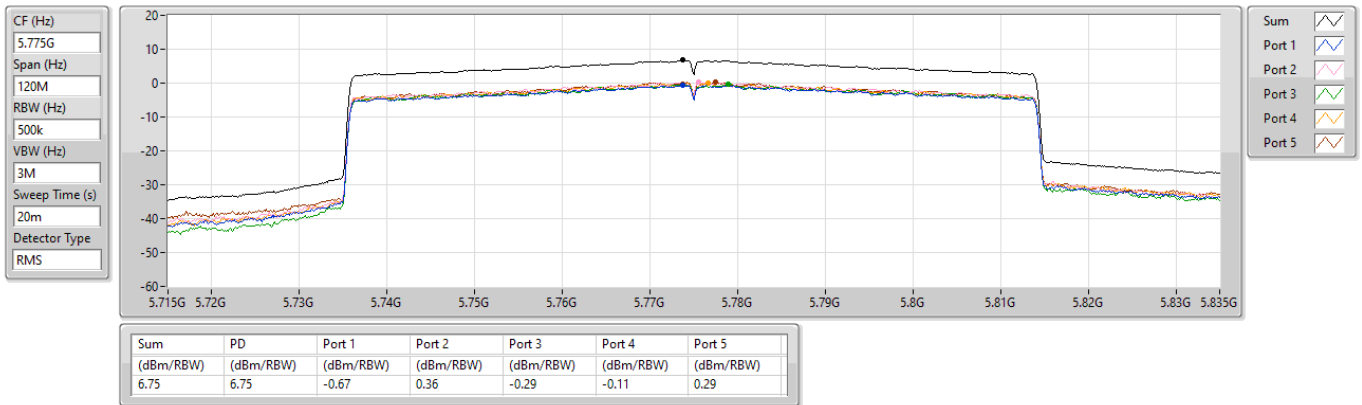
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_5TX

PSD

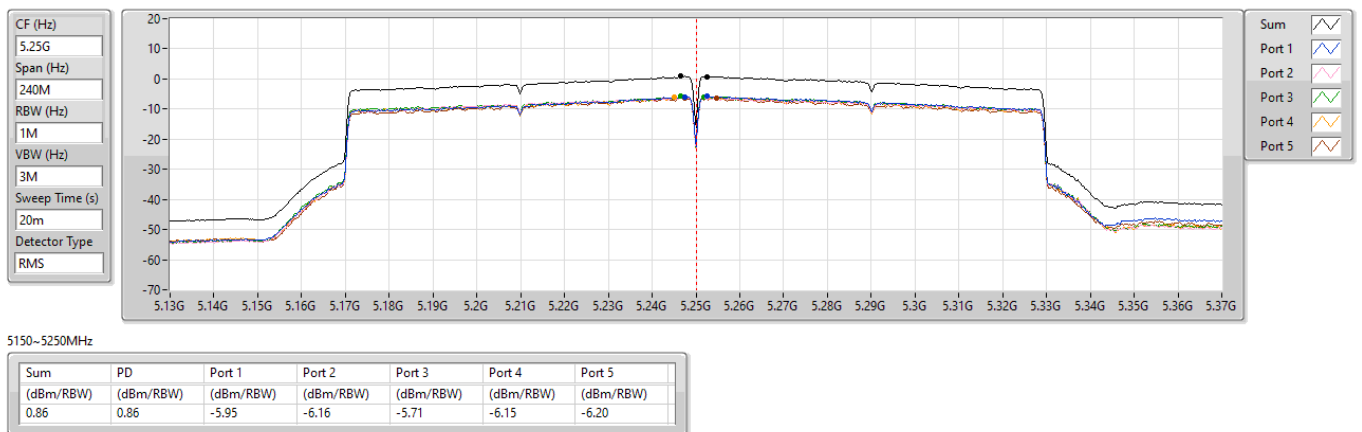
5775MHz



5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_5TX

PSD

5250MHz Straddle 5.15-5.25GHz



5250-5350MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.80	0.80	-5.79	-6.04	-5.92	-5.90	-6.39

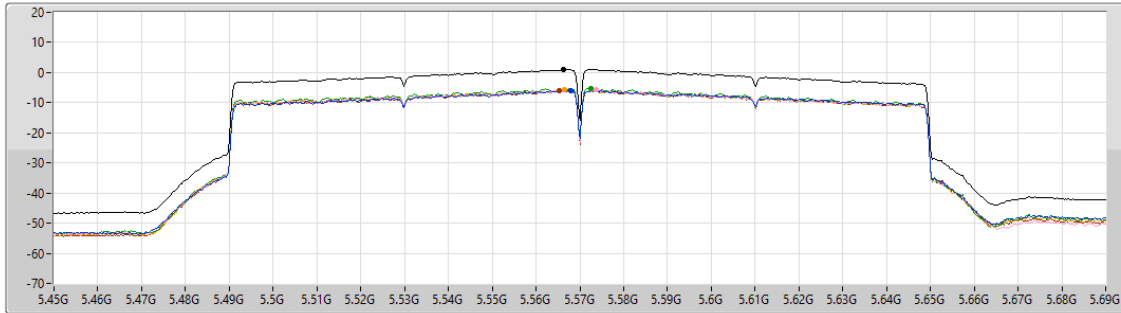


5.47-5.725GHz_802.11be EHT160-BF_Nss1,(MCS0)_5TX

PSD

5570MHz

CF (Hz)
5.57G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4
Port 5

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.08	1.08	-5.90	-5.82	-5.20	-5.70	-5.93

**Non-beamforming mode****Unwanted Emissions (Below 1GHz)**

Modulation	11a	Test Freq. (MHz)	5785																																																																						
Polarization	Horizontal																																																																								
Test By :Hugo Zhen Temperature(°C):21 Humidity(%):65																																																																									
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>97.90</td><td>29.87</td><td>43.50</td><td>-13.63</td><td>43.57</td><td>-13.70</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>140.58</td><td>33.75</td><td>43.50</td><td>-9.75</td><td>42.91</td><td>-9.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>331.67</td><td>32.75</td><td>46.00</td><td>-13.25</td><td>39.84</td><td>-7.09</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>481.05</td><td>31.25</td><td>46.00</td><td>-14.75</td><td>34.46</td><td>-3.21</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>779.81</td><td>35.68</td><td>46.00</td><td>-10.32</td><td>32.77</td><td>2.91</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>904.94</td><td>36.66</td><td>46.00</td><td>-9.34</td><td>32.08</td><td>4.58</td><td>Peak</td><td>---</td><td>---</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	97.90	29.87	43.50	-13.63	43.57	-13.70	Peak	---	---	2	140.58	33.75	43.50	-9.75	42.91	-9.16	Peak	---	---	3	331.67	32.75	46.00	-13.25	39.84	-7.09	Peak	---	---	4	481.05	31.25	46.00	-14.75	34.46	-3.21	Peak	---	---	5	779.81	35.68	46.00	-10.32	32.77	2.91	Peak	---	---	6	904.94	36.66	46.00	-9.34	32.08	4.58	Peak	---	---
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	97.90	29.87	43.50	-13.63	43.57	-13.70	Peak	---	---																																																																
2	140.58	33.75	43.50	-9.75	42.91	-9.16	Peak	---	---																																																																
3	331.67	32.75	46.00	-13.25	39.84	-7.09	Peak	---	---																																																																
4	481.05	31.25	46.00	-14.75	34.46	-3.21	Peak	---	---																																																																
5	779.81	35.68	46.00	-10.32	32.77	2.91	Peak	---	---																																																																
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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: All spurious emissions below 30MHz are more than 20 dB below the limit.																																																																									



Modulation	11a		Test Freq. (MHz)		5785																																																																																														
Polarization	Vertical																																																																																																		
Test By :Hugo Zhen			Temperature(°C):21			Humidity(%):65																																																																																													
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>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>52.31</td><td>34.02</td><td>40.00</td><td>-5.98</td><td>42.30</td><td>-8.28</td><td>QP</td><td>100</td><td>162</td></tr><tr><td>2</td><td>94.02</td><td>37.30</td><td>43.50</td><td>-6.20</td><td>51.60</td><td>-14.30</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>325.85</td><td>33.11</td><td>46.00</td><td>-12.89</td><td>40.34</td><td>-7.23</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>406.36</td><td>32.10</td><td>46.00</td><td>-13.90</td><td>37.32</td><td>-5.22</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>517.91</td><td>34.08</td><td>46.00</td><td>-11.92</td><td>36.35</td><td>-2.27</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>812.79</td><td>35.93</td><td>46.00</td><td>-10.07</td><td>32.66</td><td>3.27</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/m			dBuV			cm	deg	1	52.31	34.02	40.00	-5.98	42.30	-8.28	QP	100	162	2	94.02	37.30	43.50	-6.20	51.60	-14.30	Peak	---	---	3	325.85	33.11	46.00	-12.89	40.34	-7.23	Peak	---	---	4	406.36	32.10	46.00	-13.90	37.32	-5.22	Peak	---	---	5	517.91	34.08	46.00	-11.92	36.35	-2.27	Peak	---	---	6	812.79	35.93	46.00	-10.07	32.66	3.27	Peak	---	---
	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	52.31	34.02	40.00	-5.98	42.30	-8.28	QP	100	162																																																																																										
2	94.02	37.30	43.50	-6.20	51.60	-14.30	Peak	---	---																																																																																										
3	325.85	33.11	46.00	-12.89	40.34	-7.23	Peak	---	---																																																																																										
4	406.36	32.10	46.00	-13.90	37.32	-5.22	Peak	---	---																																																																																										
5	517.91	34.08	46.00	-11.92	36.35	-2.27	Peak	---	---																																																																																										
6	812.79	35.93	46.00	-10.07	32.66	3.27	Peak	---	---																																																																																										
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.																																																																																																			



Unwanted Emissions (Above 1GHz)

Modulation	11a	Test Freq. (MHz)	5180																																								
Polarization	Horizontal																																										
Test By :Akun Chung Temperature(°C):22 Humidity(%):65																																											
<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>10360.00</td><td>53.64</td><td>68.20</td><td>-14.56</td><td>44.94</td><td>8.70</td><td>Peak</td><td>100</td><td>29</td></tr><tr><td>2</td><td>15540.00</td><td>50.62</td><td>54.00</td><td>-3.38</td><td>44.07</td><td>6.55</td><td>Average</td><td>264</td><td>58</td></tr><tr><td>3</td><td>15540.00</td><td>65.42</td><td>74.00</td><td>-8.58</td><td>58.87</td><td>6.55</td><td>Peak</td><td>264</td><td>58</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	10360.00	53.64	68.20	-14.56	44.94	8.70	Peak	100	29	2	15540.00	50.62	54.00	-3.38	44.07	6.55	Average	264	58	3	15540.00	65.42	74.00	-8.58	58.87	6.55	Peak	264	58
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10360.00	53.64	68.20	-14.56	44.94	8.70	Peak	100	29																																		
2	15540.00	50.62	54.00	-3.38	44.07	6.55	Average	264	58																																		
3	15540.00	65.42	74.00	-8.58	58.87	6.55	Peak	264	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).																																											



Unwanted Emissions

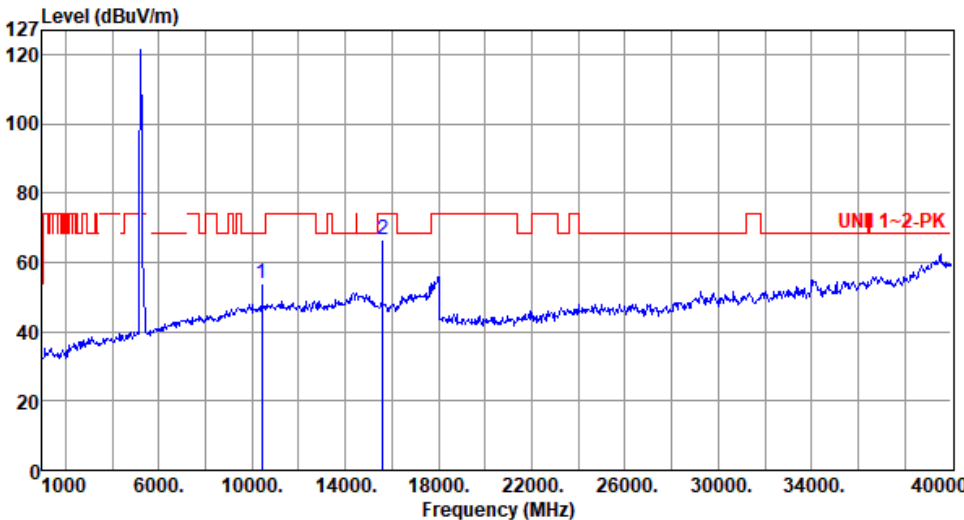
Appendix D

Modulation	11a	Test Freq. (MHz)	5180																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):22 Humidity(%):65																																											
<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>10360.00</td><td>52.29</td><td>68.20</td><td>-15.91</td><td>43.59</td><td>8.70</td><td>Peak</td><td>100</td><td>21</td></tr><tr><td>2</td><td>15540.00</td><td>52.54</td><td>54.00</td><td>-1.46</td><td>45.99</td><td>6.55</td><td>Average</td><td>361</td><td>322</td></tr><tr><td>3</td><td>15540.00</td><td>68.61</td><td>74.00</td><td>-5.39</td><td>62.06</td><td>6.55</td><td>Peak</td><td>361</td><td>322</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	10360.00	52.29	68.20	-15.91	43.59	8.70	Peak	100	21	2	15540.00	52.54	54.00	-1.46	45.99	6.55	Average	361	322	3	15540.00	68.61	74.00	-5.39	62.06	6.55	Peak	361	322
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10360.00	52.29	68.20	-15.91	43.59	8.70	Peak	100	21																																		
2	15540.00	52.54	54.00	-1.46	45.99	6.55	Average	361	322																																		
3	15540.00	68.61	74.00	-5.39	62.06	6.55	Peak	361	322																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Unwanted Emissions

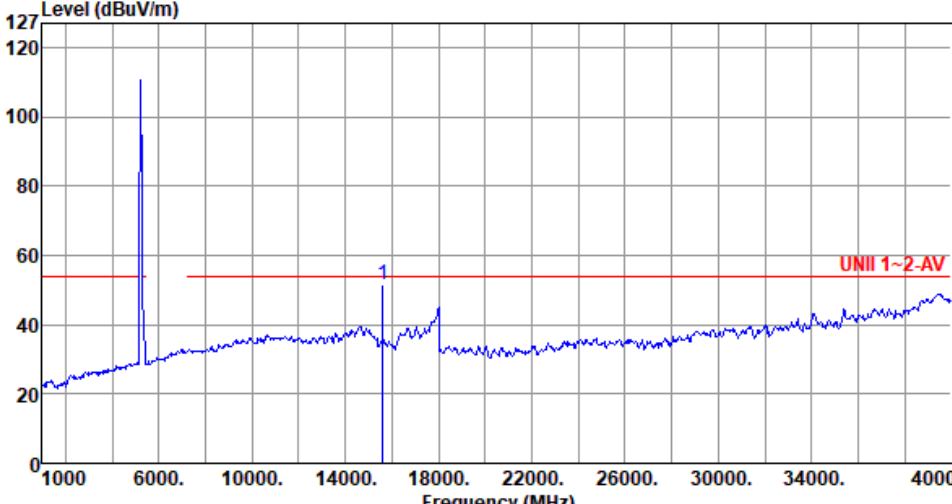
Appendix D

Modulation	11a	Test Freq. (MHz)	5200																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																	
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>10400.00</td><td>53.92</td><td>68.20</td><td>-14.28</td><td>45.23</td><td>8.69</td><td>Peak</td><td>100</td><td>25</td></tr><tr><td>2</td><td>15600.00</td><td>66.66</td><td>74.00</td><td>-7.34</td><td>60.28</td><td>6.38</td><td>Peak</td><td>269</td><td>43</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	10400.00	53.92	68.20	-14.28	45.23	8.69	Peak	100	25	2	15600.00	66.66	74.00	-7.34	60.28	6.38	Peak	269	43
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	10400.00	53.92	68.20	-14.28	45.23	8.69	Peak	100	25																								
2	15600.00	66.66	74.00	-7.34	60.28	6.38	Peak	269	43																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Unwanted Emissions

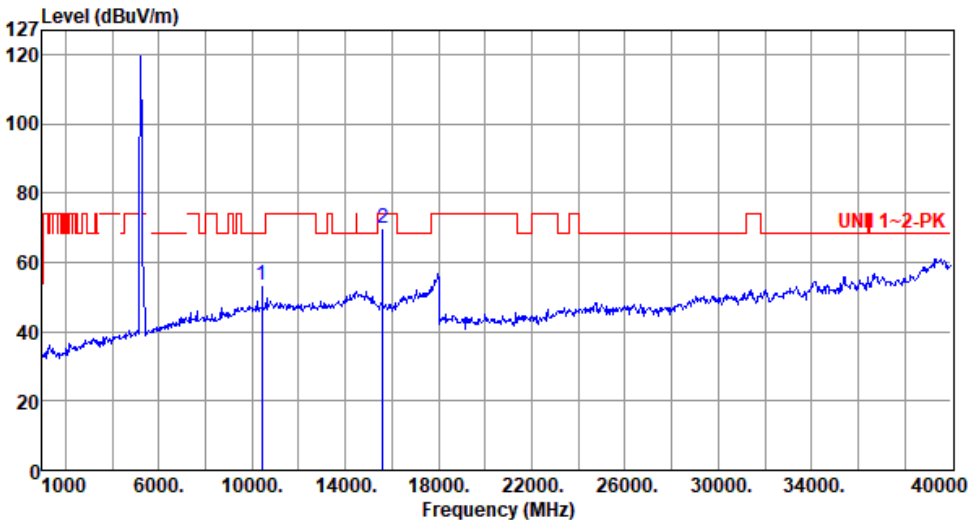
Appendix D

Modulation	11a	Test Freq. (MHz)	5200																				
Polarization	Horizontal-Average																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																							
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>15600.00</td><td>51.71</td><td>54.00</td><td>-2.29</td><td>45.33</td><td>6.38</td><td>Average</td><td>269</td><td>43</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	15600.00	51.71	54.00	-2.29	45.33	6.38	Average	269	43
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg														
1	15600.00	51.71	54.00	-2.29	45.33	6.38	Average	269	43														
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																							



Unwanted Emissions

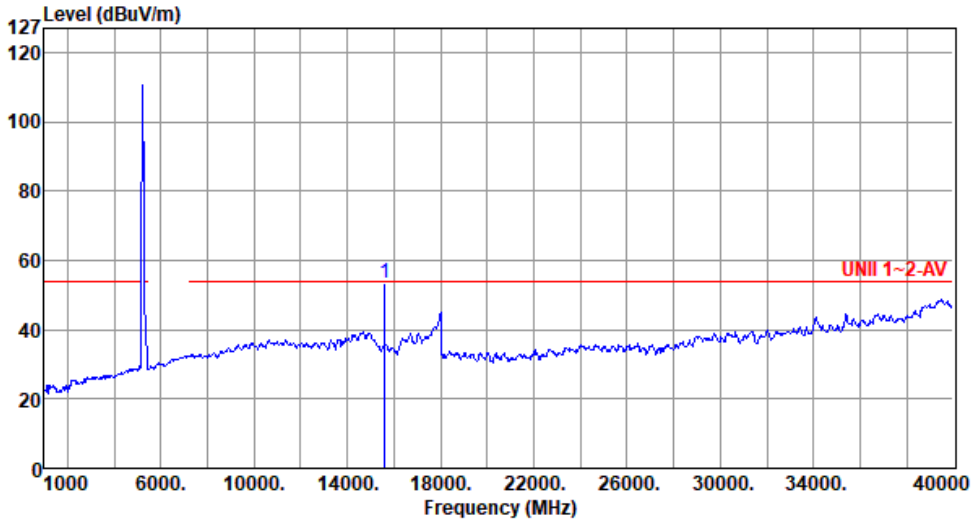
Appendix D

Modulation	11a	Test Freq. (MHz)	5200																														
Polarization	Vertical-Peak																																
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																	
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>10400.00</td><td>53.33</td><td>68.20</td><td>-14.87</td><td>44.64</td><td>8.69</td><td>Peak</td><td>100</td><td>16</td></tr><tr><td>2</td><td>15600.00</td><td>69.74</td><td>74.00</td><td>-4.26</td><td>63.36</td><td>6.38</td><td>Peak</td><td>364</td><td>324</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	10400.00	53.33	68.20	-14.87	44.64	8.69	Peak	100	16	2	15600.00	69.74	74.00	-4.26	63.36	6.38	Peak	364	324
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	10400.00	53.33	68.20	-14.87	44.64	8.69	Peak	100	16																								
2	15600.00	69.74	74.00	-4.26	63.36	6.38	Peak	364	324																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Unwanted Emissions

Appendix D

Modulation	11a	Test Freq. (MHz)	5200																				
Polarization	Vertical-Average																						
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																							
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>15600.00</td><td>53.64</td><td>54.00</td><td>-0.36</td><td>47.26</td><td>6.38</td><td>Average</td><td>364</td><td>324</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	15600.00	53.64	54.00	-0.36	47.26	6.38	Average	364	324
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg														
1	15600.00	53.64	54.00	-0.36	47.26	6.38	Average	364	324														
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																							



Modulation	11a	Test Freq. (MHz)	5240
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5240																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):22 Humidity(%):65																																											
<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>10480.00</td><td>52.84</td><td>68.20</td><td>-15.36</td><td>43.98</td><td>8.86</td><td>Peak</td><td>100</td><td>22</td></tr><tr><td>2</td><td>15720.00</td><td>52.51</td><td>54.00</td><td>-1.49</td><td>46.13</td><td>6.38</td><td>Average</td><td>339</td><td>321</td></tr><tr><td>3</td><td>15720.00</td><td>67.57</td><td>74.00</td><td>-6.43</td><td>61.19</td><td>6.38</td><td>Peak</td><td>339</td><td>321</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	10480.00	52.84	68.20	-15.36	43.98	8.86	Peak	100	22	2	15720.00	52.51	54.00	-1.49	46.13	6.38	Average	339	321	3	15720.00	67.57	74.00	-6.43	61.19	6.38	Peak	339	321
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10480.00	52.84	68.20	-15.36	43.98	8.86	Peak	100	22																																		
2	15720.00	52.51	54.00	-1.49	46.13	6.38	Average	339	321																																		
3	15720.00	67.57	74.00	-6.43	61.19	6.38	Peak	339	321																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											

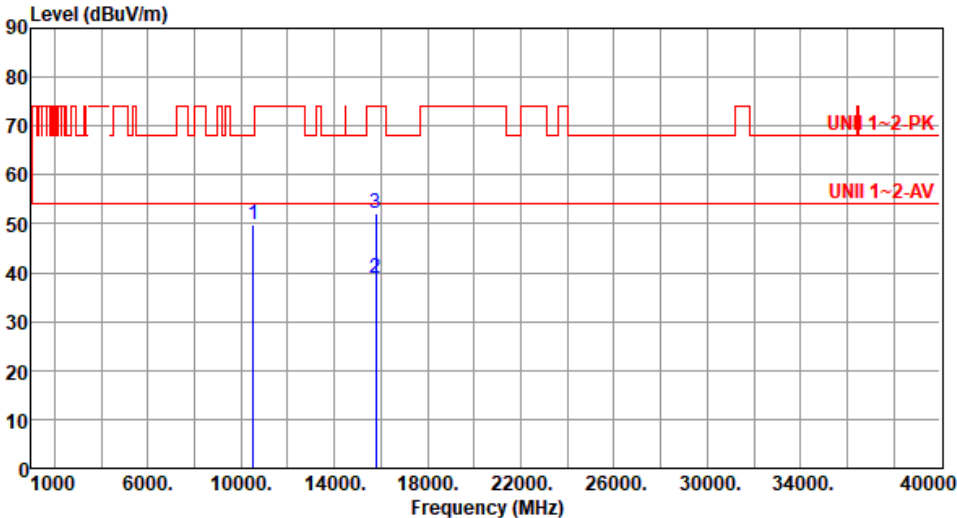


Unwanted Emissions

Appendix D

Modulation	11a	Test Freq. (MHz)	5260
Polarization	Horizontal		
Test By :Roger Lu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5260																																																		
Polarization	Vertical																																																				
Test By :Roger Lu Temperature(°C):22 Humidity(%):65																																																					
Level (dBuV/m)  <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10520.00</td><td>49.82</td><td>68.20</td><td>-18.38</td><td>40.92</td><td>8.90</td><td>Peak</td><td>100</td><td>41</td></tr><tr><td>2</td><td>15780.00</td><td>38.90</td><td>54.00</td><td>-15.10</td><td>32.60</td><td>6.30</td><td>Average</td><td>205</td><td>11</td></tr><tr><td>3</td><td>15780.00</td><td>52.27</td><td>74.00</td><td>-21.73</td><td>45.97</td><td>6.30</td><td>Peak</td><td>205</td><td>11</td></tr></table>					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	10520.00	49.82	68.20	-18.38	40.92	8.90	Peak	100	41	2	15780.00	38.90	54.00	-15.10	32.60	6.30	Average	205	11	3	15780.00	52.27	74.00	-21.73	45.97	6.30	Peak	205	11
	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	10520.00	49.82	68.20	-18.38	40.92	8.90	Peak	100	41																																												
2	15780.00	38.90	54.00	-15.10	32.60	6.30	Average	205	11																																												
3	15780.00	52.27	74.00	-21.73	45.97	6.30	Peak	205	11																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Unwanted Emissions

Appendix D

Modulation	11a	Test Freq. (MHz)	5300																																																		
Polarization	Horizontal																																																				
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																					
Level (dBuV/m) UNI 1~2-PK UNI 1~2-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>10600.00</td><td>36.65</td><td>54.00</td><td>-17.35</td><td>27.59</td><td>9.06</td><td>Average</td><td>100</td><td>22</td></tr><tr><td>2</td><td>10600.00</td><td>49.42</td><td>74.00</td><td>-24.58</td><td>40.36</td><td>9.06</td><td>Peak</td><td>100</td><td>22</td></tr><tr><td>3</td><td>15900.00</td><td>38.82</td><td>54.00</td><td>-15.18</td><td>32.30</td><td>6.52</td><td>Average</td><td>118</td><td>63</td></tr><tr><td>4</td><td>15900.00</td><td>51.56</td><td>74.00</td><td>-22.44</td><td>45.04</td><td>6.52</td><td>Peak</td><td>118</td><td>63</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	10600.00	36.65	54.00	-17.35	27.59	9.06	Average	100	22	2	10600.00	49.42	74.00	-24.58	40.36	9.06	Peak	100	22	3	15900.00	38.82	54.00	-15.18	32.30	6.52	Average	118	63	4	15900.00	51.56	74.00	-22.44	45.04	6.52	Peak	118	63
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	10600.00	36.65	54.00	-17.35	27.59	9.06	Average	100	22																																												
2	10600.00	49.42	74.00	-24.58	40.36	9.06	Peak	100	22																																												
3	15900.00	38.82	54.00	-15.18	32.30	6.52	Average	118	63																																												
4	15900.00	51.56	74.00	-22.44	45.04	6.52	Peak	118	63																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Unwanted Emissions

Appendix D

Modulation	11a	Test Freq. (MHz)	5300																																																		
Polarization	Vertical																																																				
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																																					
<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>10600.00</td><td>36.90</td><td>54.00</td><td>-17.10</td><td>27.84</td><td>9.06</td><td>Average</td><td>100</td><td>36</td></tr><tr><td>2</td><td>10600.00</td><td>49.88</td><td>74.00</td><td>-24.12</td><td>40.82</td><td>9.06</td><td>Peak</td><td>100</td><td>36</td></tr><tr><td>3</td><td>15900.00</td><td>39.20</td><td>54.00</td><td>-14.80</td><td>32.68</td><td>6.52</td><td>Average</td><td>202</td><td>10</td></tr><tr><td>4</td><td>15900.00</td><td>52.49</td><td>74.00</td><td>-21.51</td><td>45.97</td><td>6.52</td><td>Peak</td><td>202</td><td>10</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	10600.00	36.90	54.00	-17.10	27.84	9.06	Average	100	36	2	10600.00	49.88	74.00	-24.12	40.82	9.06	Peak	100	36	3	15900.00	39.20	54.00	-14.80	32.68	6.52	Average	202	10	4	15900.00	52.49	74.00	-21.51	45.97	6.52	Peak	202	10
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	10600.00	36.90	54.00	-17.10	27.84	9.06	Average	100	36																																												
2	10600.00	49.88	74.00	-24.12	40.82	9.06	Peak	100	36																																												
3	15900.00	39.20	54.00	-14.80	32.68	6.52	Average	202	10																																												
4	15900.00	52.49	74.00	-21.51	45.97	6.52	Peak	202	10																																												
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																					

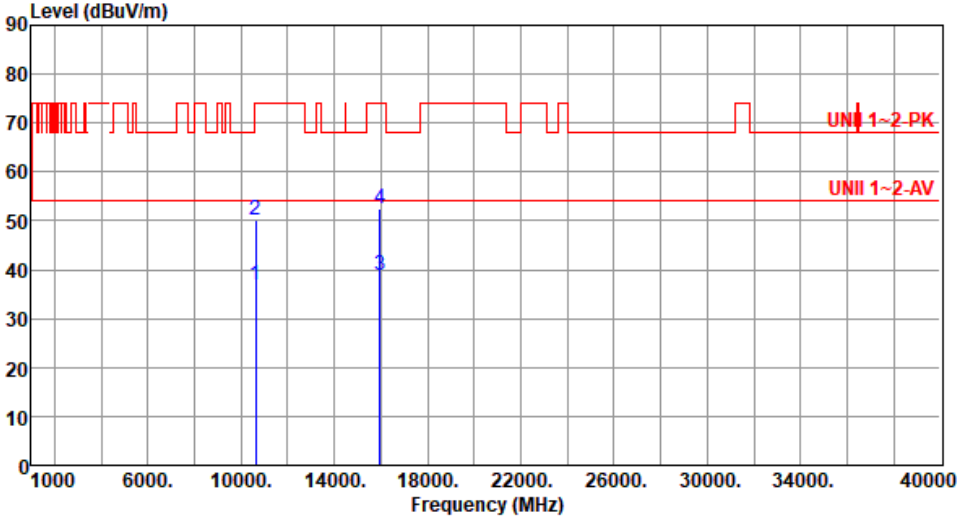


Unwanted Emissions

Appendix D

Modulation	11a	Test Freq. (MHz)	5320																																																		
Polarization	Horizontal																																																				
Test By :Roger Lu Temperature(°C):22 Humidity(%):65																																																					
<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>10640.00</td><td>36.56</td><td>54.00</td><td>-17.44</td><td>27.50</td><td>9.06</td><td>Average</td><td>100</td><td>29</td></tr><tr><td>2</td><td>10640.00</td><td>49.38</td><td>74.00</td><td>-24.62</td><td>40.32</td><td>9.06</td><td>Peak</td><td>100</td><td>29</td></tr><tr><td>3</td><td>15960.00</td><td>38.76</td><td>54.00</td><td>-15.24</td><td>32.43</td><td>6.33</td><td>Average</td><td>114</td><td>68</td></tr><tr><td>4</td><td>15960.00</td><td>51.52</td><td>74.00</td><td>-22.48</td><td>45.19</td><td>6.33</td><td>Peak</td><td>114</td><td>68</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	10640.00	36.56	54.00	-17.44	27.50	9.06	Average	100	29	2	10640.00	49.38	74.00	-24.62	40.32	9.06	Peak	100	29	3	15960.00	38.76	54.00	-15.24	32.43	6.33	Average	114	68	4	15960.00	51.52	74.00	-22.48	45.19	6.33	Peak	114	68
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	10640.00	36.56	54.00	-17.44	27.50	9.06	Average	100	29																																												
2	10640.00	49.38	74.00	-24.62	40.32	9.06	Peak	100	29																																												
3	15960.00	38.76	54.00	-15.24	32.43	6.33	Average	114	68																																												
4	15960.00	51.52	74.00	-22.48	45.19	6.33	Peak	114	68																																												
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																					

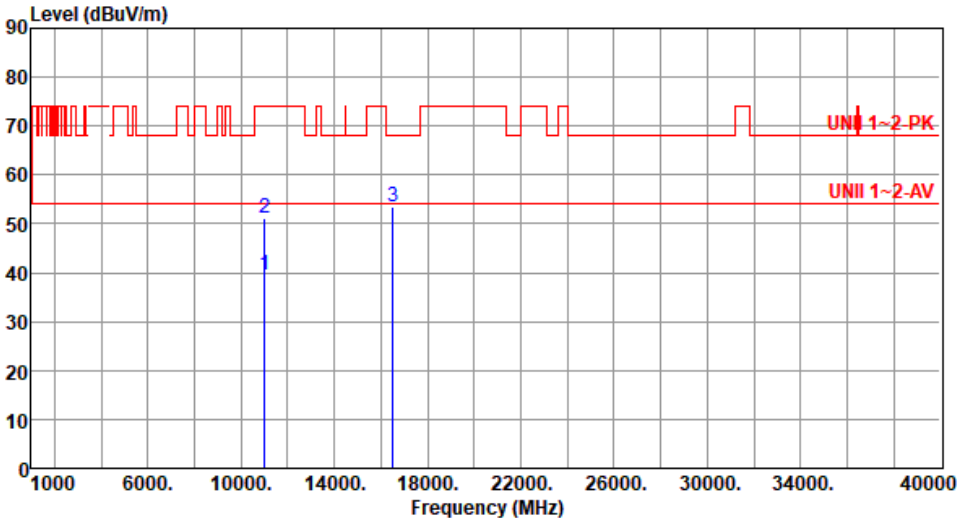


Modulation	11a	Test Freq. (MHz)	5320																																																		
Polarization	Vertical																																																				
Test By :Roger Lu Temperature(°C):22 Humidity(%):65																																																					
 <table><tr><th></th><th>Freq. MHz</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>10640.00</td><td>36.98</td><td>54.00</td><td>-17.02</td><td>27.92</td><td>9.06</td><td>Average</td><td>100</td><td>42</td></tr><tr><td>2</td><td>10640.00</td><td>50.02</td><td>74.00</td><td>-23.98</td><td>40.96</td><td>9.06</td><td>Peak</td><td>100</td><td>42</td></tr><tr><td>3</td><td>15960.00</td><td>38.91</td><td>54.00</td><td>-15.09</td><td>32.58</td><td>6.33</td><td>Average</td><td>203</td><td>16</td></tr><tr><td>4</td><td>15960.00</td><td>52.42</td><td>74.00</td><td>-21.58</td><td>46.09</td><td>6.33</td><td>Peak</td><td>203</td><td>16</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	10640.00	36.98	54.00	-17.02	27.92	9.06	Average	100	42	2	10640.00	50.02	74.00	-23.98	40.96	9.06	Peak	100	42	3	15960.00	38.91	54.00	-15.09	32.58	6.33	Average	203	16	4	15960.00	52.42	74.00	-21.58	46.09	6.33	Peak	203	16
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	10640.00	36.98	54.00	-17.02	27.92	9.06	Average	100	42																																												
2	10640.00	50.02	74.00	-23.98	40.96	9.06	Peak	100	42																																												
3	15960.00	38.91	54.00	-15.09	32.58	6.33	Average	203	16																																												
4	15960.00	52.42	74.00	-21.58	46.09	6.33	Peak	203	16																																												
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																					



Unwanted Emissions

Appendix D

Modulation	11a	Test Freq. (MHz)	5500																																								
Polarization	Horizontal																																										
Test By :Roger Lu Temperature(°C):22 Humidity(%):65																																											
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>11000.00</td><td>39.62</td><td>54.00</td><td>-14.38</td><td>30.25</td><td>9.37</td><td>Average</td><td>114</td><td>51</td></tr><tr><td>2</td><td>11000.00</td><td>51.28</td><td>74.00</td><td>-22.72</td><td>41.91</td><td>9.37</td><td>Peak</td><td>114</td><td>51</td></tr><tr><td>3</td><td>16500.00</td><td>53.42</td><td>68.20</td><td>-14.78</td><td>44.95</td><td>8.47</td><td>Peak</td><td>322</td><td>64</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	11000.00	39.62	54.00	-14.38	30.25	9.37	Average	114	51	2	11000.00	51.28	74.00	-22.72	41.91	9.37	Peak	114	51	3	16500.00	53.42	68.20	-14.78	44.95	8.47	Peak	322	64
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11000.00	39.62	54.00	-14.38	30.25	9.37	Average	114	51																																		
2	11000.00	51.28	74.00	-22.72	41.91	9.37	Peak	114	51																																		
3	16500.00	53.42	68.20	-14.78	44.95	8.47	Peak	322	64																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											

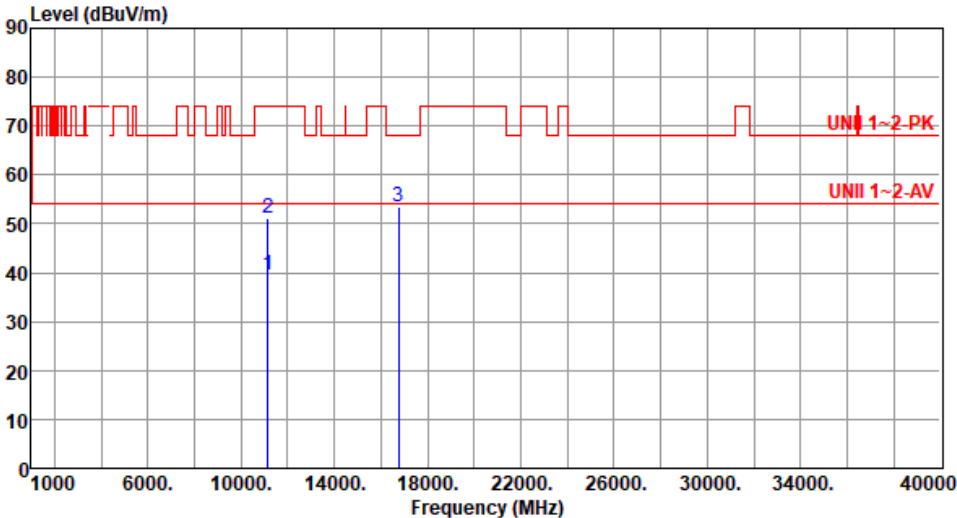


Unwanted Emissions

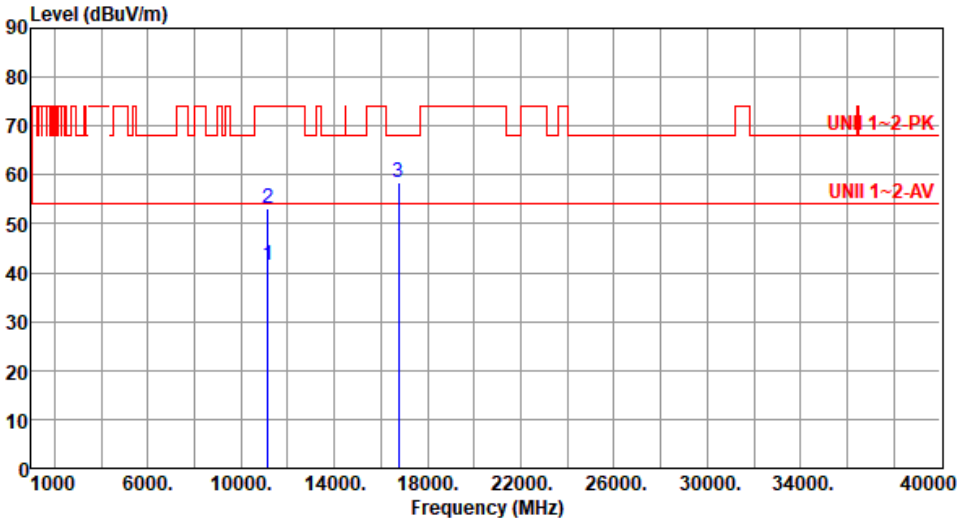
Appendix D

Modulation	11a	Test Freq. (MHz)	5500																																								
Polarization	Vertical																																										
Test By :Roger Lu Temperature(°C):22 Humidity(%):65																																											
Level (dBuV/m) UNII 1~2-PK UNII 1~2-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>11000.00</td><td>40.88</td><td>54.00</td><td>-13.12</td><td>31.51</td><td>9.37</td><td>Average</td><td>187</td><td>344</td></tr><tr><td>2</td><td>11000.00</td><td>52.39</td><td>74.00</td><td>-21.61</td><td>43.02</td><td>9.37</td><td>Peak</td><td>187</td><td>344</td></tr><tr><td>3</td><td>16500.00</td><td>57.69</td><td>68.20</td><td>-10.51</td><td>49.22</td><td>8.47</td><td>Peak</td><td>260</td><td>25</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	11000.00	40.88	54.00	-13.12	31.51	9.37	Average	187	344	2	11000.00	52.39	74.00	-21.61	43.02	9.37	Peak	187	344	3	16500.00	57.69	68.20	-10.51	49.22	8.47	Peak	260	25
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11000.00	40.88	54.00	-13.12	31.51	9.37	Average	187	344																																		
2	11000.00	52.39	74.00	-21.61	43.02	9.37	Peak	187	344																																		
3	16500.00	57.69	68.20	-10.51	49.22	8.47	Peak	260	25																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	11a	Test Freq. (MHz)	5580																																								
Polarization	Horizontal																																										
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																											
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>11160.00</td><td>39.55</td><td>54.00</td><td>-14.45</td><td>30.72</td><td>8.83</td><td>Average</td><td>119</td><td>56</td></tr><tr><td>2</td><td>11160.00</td><td>51.19</td><td>74.00</td><td>-22.81</td><td>42.36</td><td>8.83</td><td>Peak</td><td>119</td><td>56</td></tr><tr><td>3</td><td>16740.00</td><td>53.35</td><td>68.20</td><td>-14.85</td><td>44.39</td><td>8.96</td><td>Peak</td><td>330</td><td>70</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	11160.00	39.55	54.00	-14.45	30.72	8.83	Average	119	56	2	11160.00	51.19	74.00	-22.81	42.36	8.83	Peak	119	56	3	16740.00	53.35	68.20	-14.85	44.39	8.96	Peak	330	70
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11160.00	39.55	54.00	-14.45	30.72	8.83	Average	119	56																																		
2	11160.00	51.19	74.00	-22.81	42.36	8.83	Peak	119	56																																		
3	16740.00	53.35	68.20	-14.85	44.39	8.96	Peak	330	70																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	11a	Test Freq. (MHz)	5580																																								
Polarization	Vertical																																										
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																											
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>11160.00</td><td>41.64</td><td>54.00</td><td>-12.36</td><td>32.81</td><td>8.83</td><td>Average</td><td>229</td><td>333</td></tr><tr><td>2</td><td>11160.00</td><td>53.07</td><td>74.00</td><td>-20.93</td><td>44.24</td><td>8.83</td><td>Peak</td><td>229</td><td>333</td></tr><tr><td>3</td><td>16740.00</td><td>58.56</td><td>68.20</td><td>-9.64</td><td>49.60</td><td>8.96</td><td>Peak</td><td>276</td><td>13</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	11160.00	41.64	54.00	-12.36	32.81	8.83	Average	229	333	2	11160.00	53.07	74.00	-20.93	44.24	8.83	Peak	229	333	3	16740.00	58.56	68.20	-9.64	49.60	8.96	Peak	276	13
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11160.00	41.64	54.00	-12.36	32.81	8.83	Average	229	333																																		
2	11160.00	53.07	74.00	-20.93	44.24	8.83	Peak	229	333																																		
3	16740.00	58.56	68.20	-9.64	49.60	8.96	Peak	276	13																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Unwanted Emissions

Appendix D

Modulation	11a	Test Freq. (MHz)	5700																																								
Polarization	Horizontal																																										
Test By :Roger Lu Temperature(°C):22 Humidity(%):65																																											
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>11400.00</td><td>39.42</td><td>54.00</td><td>-14.58</td><td>30.29</td><td>9.13</td><td>Average</td><td>114</td><td>63</td></tr><tr><td>2</td><td>11400.00</td><td>51.13</td><td>74.00</td><td>-22.87</td><td>42.00</td><td>9.13</td><td>Peak</td><td>114</td><td>63</td></tr><tr><td>3</td><td>17100.00</td><td>53.29</td><td>68.20</td><td>-14.91</td><td>44.83</td><td>8.46</td><td>Peak</td><td>324</td><td>56</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	11400.00	39.42	54.00	-14.58	30.29	9.13	Average	114	63	2	11400.00	51.13	74.00	-22.87	42.00	9.13	Peak	114	63	3	17100.00	53.29	68.20	-14.91	44.83	8.46	Peak	324	56
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11400.00	39.42	54.00	-14.58	30.29	9.13	Average	114	63																																		
2	11400.00	51.13	74.00	-22.87	42.00	9.13	Peak	114	63																																		
3	17100.00	53.29	68.20	-14.91	44.83	8.46	Peak	324	56																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											

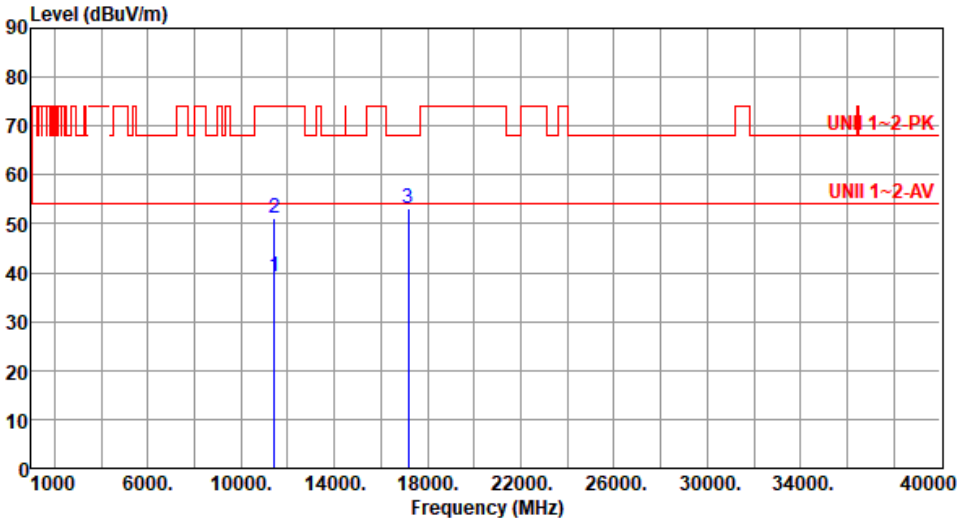


Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Roger Lu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			



Unwanted Emissions

Appendix D

Modulation	11a	Test Freq. (MHz)	5720																																								
Polarization	Horizontal																																										
Test By :Roger Lu Temperature(°C):22 Humidity(%):65																																											
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>11440.00</td><td>39.24</td><td>54.00</td><td>-14.76</td><td>30.01</td><td>9.23</td><td>Average</td><td>121</td><td>48</td></tr><tr><td>2</td><td>11440.00</td><td>51.02</td><td>74.00</td><td>-22.98</td><td>41.79</td><td>9.23</td><td>Peak</td><td>121</td><td>48</td></tr><tr><td>3</td><td>17160.00</td><td>53.18</td><td>68.20</td><td>-15.02</td><td>44.70</td><td>8.48</td><td>Peak</td><td>315</td><td>44</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	11440.00	39.24	54.00	-14.76	30.01	9.23	Average	121	48	2	11440.00	51.02	74.00	-22.98	41.79	9.23	Peak	121	48	3	17160.00	53.18	68.20	-15.02	44.70	8.48	Peak	315	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																																		
1	11440.00	39.24	54.00	-14.76	30.01	9.23	Average	121	48																																		
2	11440.00	51.02	74.00	-22.98	41.79	9.23	Peak	121	48																																		
3	17160.00	53.18	68.20	-15.02	44.70	8.48	Peak	315	44																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											

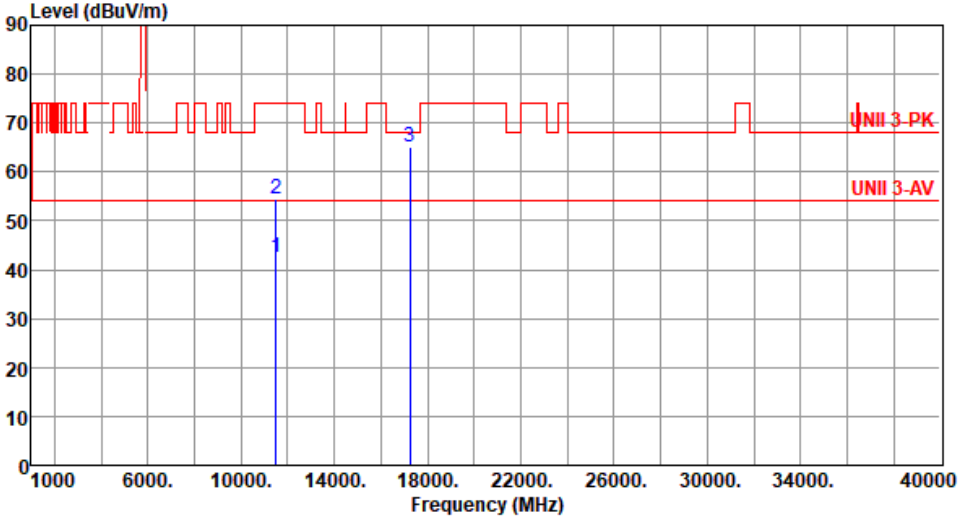


Unwanted Emissions

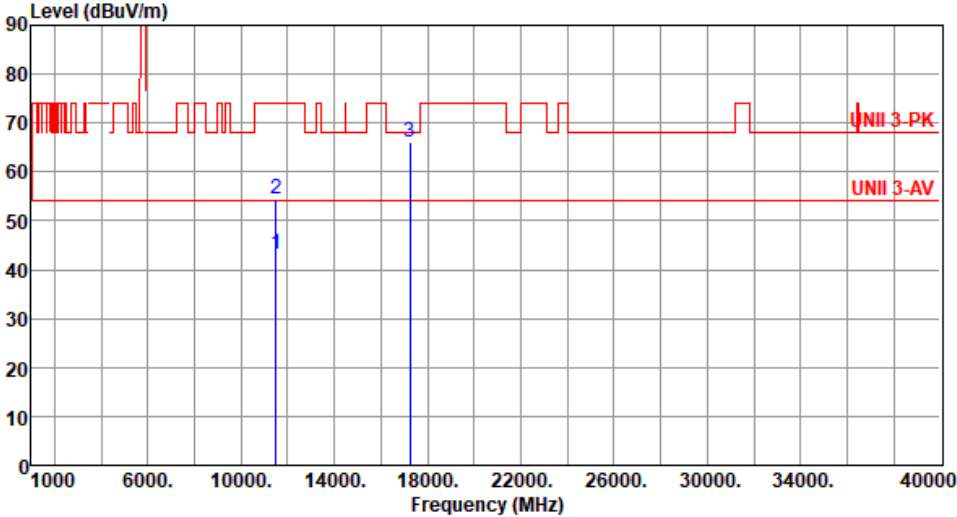
Appendix D

Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical		
Test By :Roger Lu Temperature(°C):22 Humidity(%):65			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5745																																								
Polarization	Horizontal																																										
Test By :Akun Chung Temperature(°C):22 Humidity(%):65																																											
 <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>11490.00</td><td>42.37</td><td>54.00</td><td>-11.63</td><td>33.02</td><td>9.35</td><td>Average</td><td>114</td><td>56</td></tr><tr><td>2</td><td>11490.00</td><td>54.61</td><td>74.00</td><td>-19.39</td><td>45.26</td><td>9.35</td><td>Peak</td><td>114</td><td>56</td></tr><tr><td>3</td><td>17235.00</td><td>65.04</td><td>68.20</td><td>-3.16</td><td>56.47</td><td>8.57</td><td>Peak</td><td>219</td><td>237</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	11490.00	42.37	54.00	-11.63	33.02	9.35	Average	114	56	2	11490.00	54.61	74.00	-19.39	45.26	9.35	Peak	114	56	3	17235.00	65.04	68.20	-3.16	56.47	8.57	Peak	219	237
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11490.00	42.37	54.00	-11.63	33.02	9.35	Average	114	56																																		
2	11490.00	54.61	74.00	-19.39	45.26	9.35	Peak	114	56																																		
3	17235.00	65.04	68.20	-3.16	56.47	8.57	Peak	219	237																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	11a	Test Freq. (MHz)	5745																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):22 Humidity(%):65																																											
 <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>11490.00</td><td>43.02</td><td>54.00</td><td>-10.98</td><td>33.67</td><td>9.35</td><td>Average</td><td>172</td><td>347</td></tr><tr><td>2</td><td>11490.00</td><td>54.63</td><td>74.00</td><td>-19.37</td><td>45.28</td><td>9.35</td><td>Peak</td><td>172</td><td>347</td></tr><tr><td>3</td><td>17235.00</td><td>65.98</td><td>68.20</td><td>-2.22</td><td>57.41</td><td>8.57</td><td>Peak</td><td>215</td><td>26</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	11490.00	43.02	54.00	-10.98	33.67	9.35	Average	172	347	2	11490.00	54.63	74.00	-19.37	45.28	9.35	Peak	172	347	3	17235.00	65.98	68.20	-2.22	57.41	8.57	Peak	215	26
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11490.00	43.02	54.00	-10.98	33.67	9.35	Average	172	347																																		
2	11490.00	54.63	74.00	-19.37	45.28	9.35	Peak	172	347																																		
3	17235.00	65.98	68.20	-2.22	57.41	8.57	Peak	215	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).																																											



Modulation	11a	Test Freq. (MHz)	5785																																								
Polarization	Horizontal																																										
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																											
<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>11570.00</td><td>45.30</td><td>54.00</td><td>-8.70</td><td>36.12</td><td>9.18</td><td>Average</td><td>100</td><td>53</td></tr><tr><td>2</td><td>11570.00</td><td>58.86</td><td>74.00</td><td>-15.14</td><td>49.68</td><td>9.18</td><td>Peak</td><td>100</td><td>53</td></tr><tr><td>3</td><td>17355.00</td><td>65.79</td><td>68.20</td><td>-2.41</td><td>56.80</td><td>8.99</td><td>Peak</td><td>100</td><td>203</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	11570.00	45.30	54.00	-8.70	36.12	9.18	Average	100	53	2	11570.00	58.86	74.00	-15.14	49.68	9.18	Peak	100	53	3	17355.00	65.79	68.20	-2.41	56.80	8.99	Peak	100	203
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11570.00	45.30	54.00	-8.70	36.12	9.18	Average	100	53																																		
2	11570.00	58.86	74.00	-15.14	49.68	9.18	Peak	100	53																																		
3	17355.00	65.79	68.20	-2.41	56.80	8.99	Peak	100	203																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											

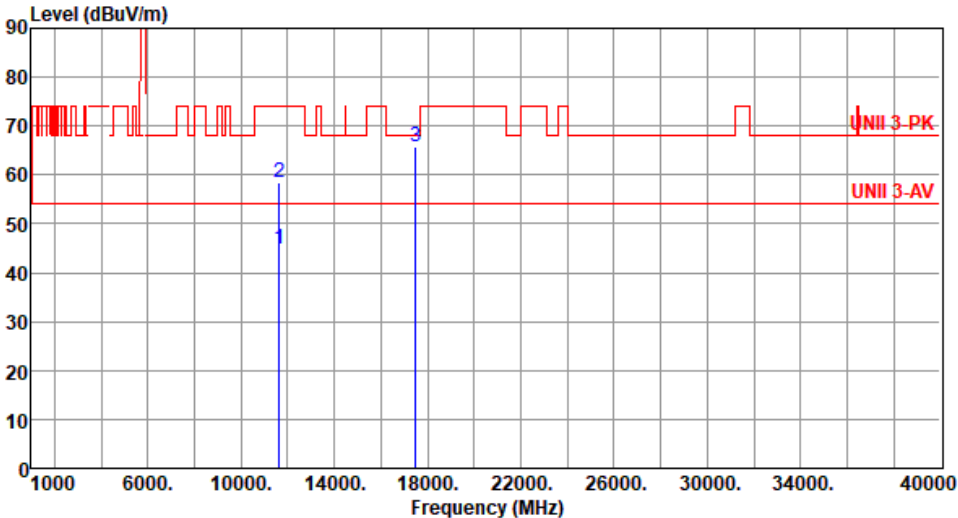


Unwanted Emissions

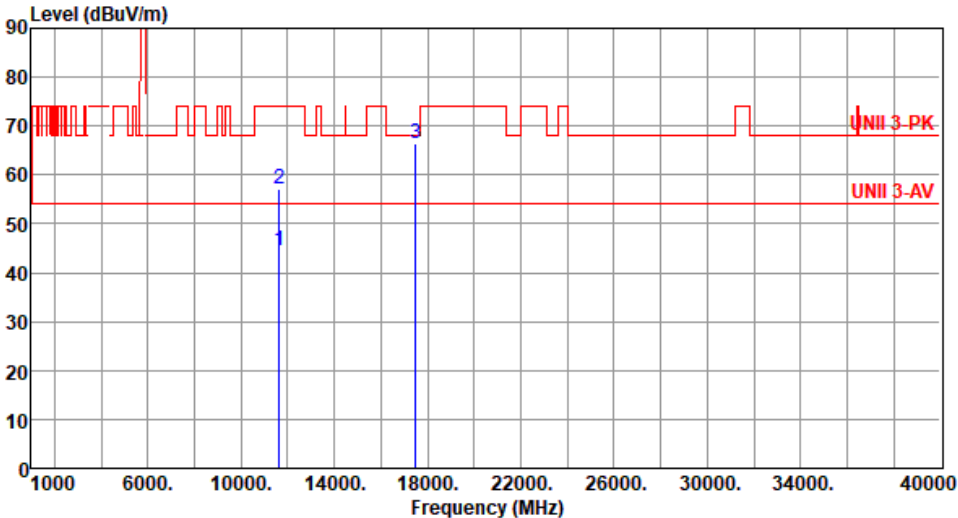
Appendix D

Modulation	11a	Test Freq. (MHz)	5785																																								
Polarization	Vertical																																										
Test By :Brad Wu Temperature(°C):22 Humidity(%):65																																											
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>11570.00</td><td>47.71</td><td>54.00</td><td>-6.29</td><td>38.53</td><td>9.18</td><td>Average</td><td>358</td><td>356</td></tr><tr><td>2</td><td>11570.00</td><td>60.62</td><td>74.00</td><td>-13.38</td><td>51.44</td><td>9.18</td><td>Peak</td><td>358</td><td>356</td></tr><tr><td>3</td><td>17355.00</td><td>67.03</td><td>68.20</td><td>-1.17</td><td>58.04</td><td>8.99</td><td>Peak</td><td>296</td><td>11</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	11570.00	47.71	54.00	-6.29	38.53	9.18	Average	358	356	2	11570.00	60.62	74.00	-13.38	51.44	9.18	Peak	358	356	3	17355.00	67.03	68.20	-1.17	58.04	8.99	Peak	296	11
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11570.00	47.71	54.00	-6.29	38.53	9.18	Average	358	356																																		
2	11570.00	60.62	74.00	-13.38	51.44	9.18	Peak	358	356																																		
3	17355.00	67.03	68.20	-1.17	58.04	8.99	Peak	296	11																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	11a	Test Freq. (MHz)	5825																																								
Polarization	Horizontal																																										
Test By :Akun Chung Temperature(°C):22 Humidity(%):65																																											
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>11650.00</td><td>44.96</td><td>54.00</td><td>-9.04</td><td>36.32</td><td>8.64</td><td>Average</td><td>100</td><td>51</td></tr><tr><td>2</td><td>11650.00</td><td>58.42</td><td>74.00</td><td>-15.58</td><td>49.78</td><td>8.64</td><td>Peak</td><td>100</td><td>51</td></tr><tr><td>3</td><td>17475.00</td><td>65.77</td><td>68.20</td><td>-2.43</td><td>56.55</td><td>9.22</td><td>Peak</td><td>224</td><td>239</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	11650.00	44.96	54.00	-9.04	36.32	8.64	Average	100	51	2	11650.00	58.42	74.00	-15.58	49.78	8.64	Peak	100	51	3	17475.00	65.77	68.20	-2.43	56.55	9.22	Peak	224	239
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11650.00	44.96	54.00	-9.04	36.32	8.64	Average	100	51																																		
2	11650.00	58.42	74.00	-15.58	49.78	8.64	Peak	100	51																																		
3	17475.00	65.77	68.20	-2.43	56.55	9.22	Peak	224	239																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	11a	Test Freq. (MHz)	5825																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):22 Humidity(%):65																																											
 <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>11650.00</td><td>44.54</td><td>54.00</td><td>-9.46</td><td>35.90</td><td>8.64</td><td>Average</td><td>296</td><td>358</td></tr><tr><td>2</td><td>11650.00</td><td>56.99</td><td>74.00</td><td>-17.01</td><td>48.35</td><td>8.64</td><td>Peak</td><td>296</td><td>358</td></tr><tr><td>3</td><td>17475.00</td><td>66.58</td><td>68.20</td><td>-1.62</td><td>57.36</td><td>9.22</td><td>Peak</td><td>319</td><td>346</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	11650.00	44.54	54.00	-9.46	35.90	8.64	Average	296	358	2	11650.00	56.99	74.00	-17.01	48.35	8.64	Peak	296	358	3	17475.00	66.58	68.20	-1.62	57.36	9.22	Peak	319	346
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11650.00	44.54	54.00	-9.46	35.90	8.64	Average	296	358																																		
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Unwanted Emissions

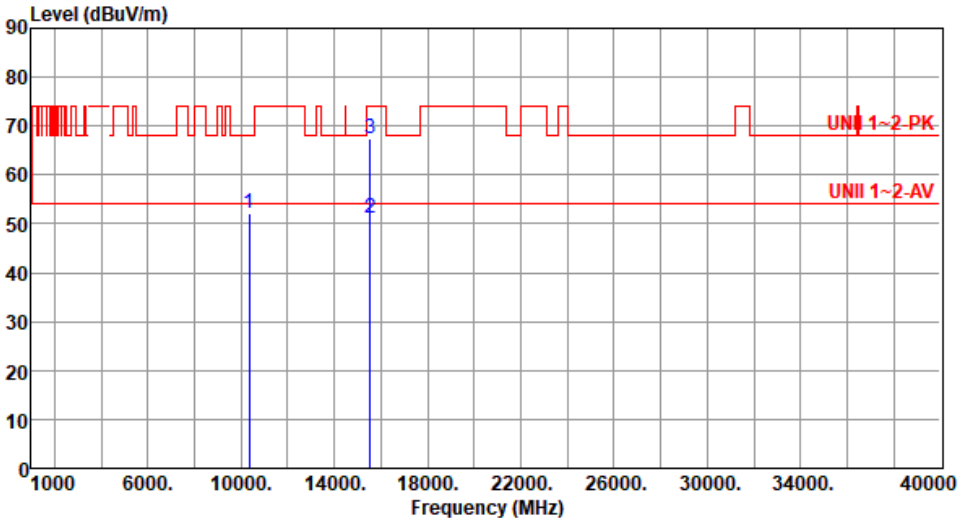
Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):21 Humidity(%):62			
Level (dBuV/m) <			



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5180																																								
Polarization	Vertical																																										
Test By :Akun Chung 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>10360.00</td><td>52.04</td><td>68.20</td><td>-16.16</td><td>43.34</td><td>8.70</td><td>Peak</td><td>100</td><td>25</td></tr><tr><td>2</td><td>15540.00</td><td>51.26</td><td>54.00</td><td>-2.74</td><td>44.71</td><td>6.55</td><td>Average</td><td>359</td><td>326</td></tr><tr><td>3</td><td>15540.00</td><td>67.29</td><td>74.00</td><td>-6.71</td><td>60.74</td><td>6.55</td><td>Peak</td><td>359</td><td>326</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).					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	10360.00	52.04	68.20	-16.16	43.34	8.70	Peak	100	25	2	15540.00	51.26	54.00	-2.74	44.71	6.55	Average	359	326	3	15540.00	67.29	74.00	-6.71	60.74	6.55	Peak	359	326
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10360.00	52.04	68.20	-16.16	43.34	8.70	Peak	100	25																																		
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Unwanted Emissions

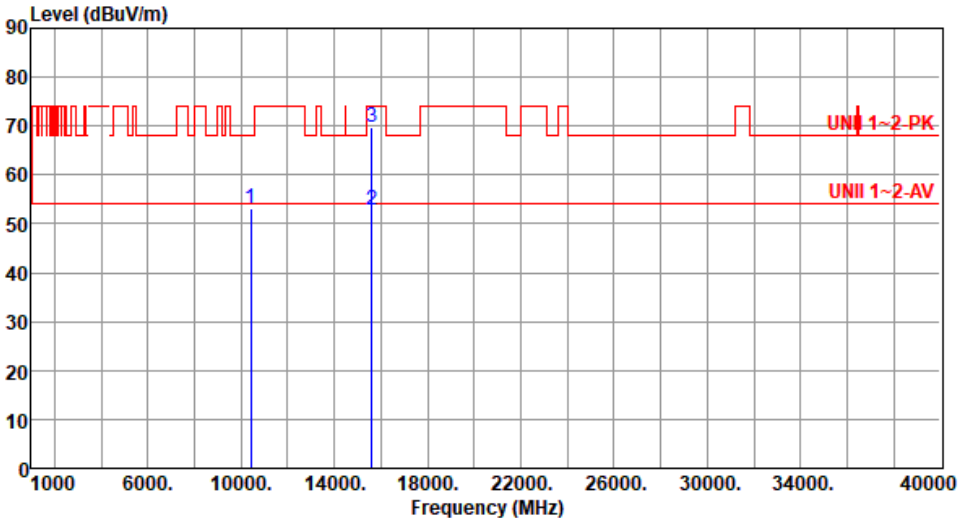
Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5200																																								
Polarization	Horizontal																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
Level (dBuV/m) UNII 1~2-PK UNII 1~2-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>10400.00</td><td>54.54</td><td>68.20</td><td>-13.66</td><td>45.85</td><td>8.69</td><td>Peak</td><td>182</td><td>56</td></tr><tr><td>2</td><td>15600.00</td><td>49.69</td><td>54.00</td><td>-4.31</td><td>43.31</td><td>6.38</td><td>Average</td><td>225</td><td>48</td></tr><tr><td>3</td><td>15600.00</td><td>64.53</td><td>74.00</td><td>-9.47</td><td>58.15</td><td>6.38</td><td>Peak</td><td>225</td><td>48</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	10400.00	54.54	68.20	-13.66	45.85	8.69	Peak	182	56	2	15600.00	49.69	54.00	-4.31	43.31	6.38	Average	225	48	3	15600.00	64.53	74.00	-9.47	58.15	6.38	Peak	225	48
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10400.00	54.54	68.20	-13.66	45.85	8.69	Peak	182	56																																		
2	15600.00	49.69	54.00	-4.31	43.31	6.38	Average	225	48																																		
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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).																																											



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5200																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):21 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>10400.00</td><td>53.12</td><td>68.20</td><td>-15.08</td><td>44.43</td><td>8.69</td><td>Peak</td><td>100</td><td>29</td></tr><tr><td>2</td><td>15600.00</td><td>52.81</td><td>54.00</td><td>-1.19</td><td>46.43</td><td>6.38</td><td>Average</td><td>361</td><td>325</td></tr><tr><td>3</td><td>15600.00</td><td>69.65</td><td>74.00</td><td>-4.35</td><td>63.27</td><td>6.38</td><td>Peak</td><td>361</td><td>325</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	10400.00	53.12	68.20	-15.08	44.43	8.69	Peak	100	29	2	15600.00	52.81	54.00	-1.19	46.43	6.38	Average	361	325	3	15600.00	69.65	74.00	-4.35	63.27	6.38	Peak	361	325
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10400.00	53.12	68.20	-15.08	44.43	8.69	Peak	100	29																																		
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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).																																											



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5240
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):21 Humidity(%):62			
Level (dBuV/m)			



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5240
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):21 Humidity(%):62			
Level (dBuV/m) </			



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5260																																								
Polarization	Horizontal																																										
Test By :Roger Lu Temperature(°C):21 Humidity(%):62																																											
	<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>10520.00</td><td>49.42</td><td>68.20</td><td>-18.78</td><td>40.52</td><td>8.90</td><td>Peak</td><td>100</td><td>34</td></tr><tr><td>2</td><td>15780.00</td><td>38.83</td><td>54.00</td><td>-15.17</td><td>32.53</td><td>6.30</td><td>Average</td><td>114</td><td>62</td></tr><tr><td>3</td><td>15780.00</td><td>51.56</td><td>74.00</td><td>-22.44</td><td>45.26</td><td>6.30</td><td>Peak</td><td>114</td><td>62</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	10520.00	49.42	68.20	-18.78	40.52	8.90	Peak	100	34	2	15780.00	38.83	54.00	-15.17	32.53	6.30	Average	114	62	3	15780.00	51.56	74.00	-22.44	45.26	6.30	Peak	114	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	10520.00	49.42	68.20	-18.78	40.52	8.90	Peak	100	34																																		
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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).																																											



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5260
Polarization	Vertical		
Test By :Roger Lu Temperature(°C):21 Humidity(%):62			
Level (dBuV/m)			



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5300
Polarization	Horizontal		
Test By :Roger Lu Temperature(°C):21 Humidity(%):62			
Level (dBuV/m)			



Unwanted Emissions

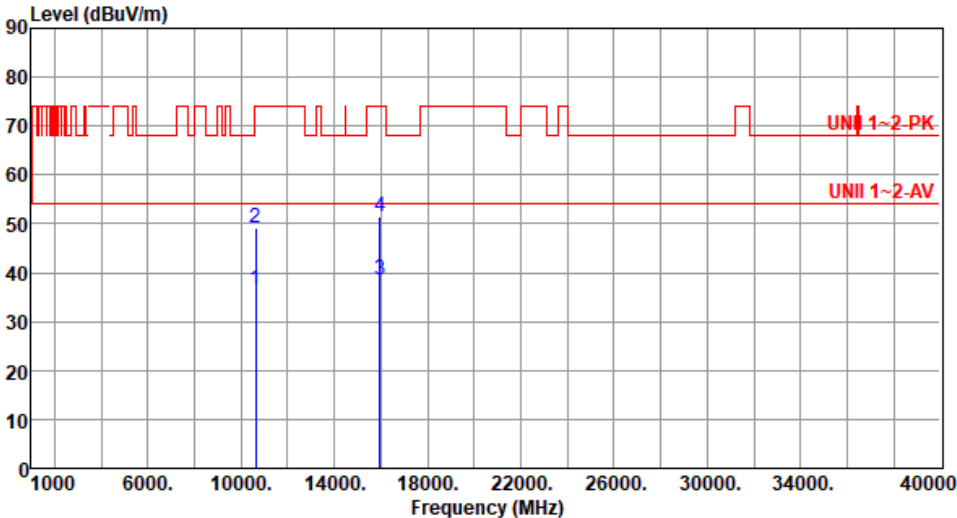
Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5300																																																		
Polarization	Vertical																																																				
Test By :Roger Lu Temperature(°C):21 Humidity(%):62																																																					
<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>10600.00</td><td>36.87</td><td>54.00</td><td>-17.13</td><td>27.81</td><td>9.06</td><td>Average</td><td>100</td><td>42</td></tr><tr><td>2</td><td>10600.00</td><td>49.98</td><td>74.00</td><td>-24.02</td><td>40.92</td><td>9.06</td><td>Peak</td><td>100</td><td>42</td></tr><tr><td>3</td><td>15900.00</td><td>39.72</td><td>54.00</td><td>-14.28</td><td>33.20</td><td>6.52</td><td>Average</td><td>277</td><td>22</td></tr><tr><td>4</td><td>15900.00</td><td>52.89</td><td>74.00</td><td>-21.11</td><td>46.37</td><td>6.52</td><td>Peak</td><td>277</td><td>22</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	10600.00	36.87	54.00	-17.13	27.81	9.06	Average	100	42	2	10600.00	49.98	74.00	-24.02	40.92	9.06	Peak	100	42	3	15900.00	39.72	54.00	-14.28	33.20	6.52	Average	277	22	4	15900.00	52.89	74.00	-21.11	46.37	6.52	Peak	277	22
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	10600.00	36.87	54.00	-17.13	27.81	9.06	Average	100	42																																												
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Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5320																																																		
Polarization	Horizontal																																																				
Test By :Roger Lu Temperature(℃):21 Humidity(%):62																																																					
 <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>10640.00</td><td>36.45</td><td>54.00</td><td>-17.55</td><td>27.39</td><td>9.06</td><td>Average</td><td>100</td><td>34</td></tr><tr><td>2</td><td>10640.00</td><td>49.26</td><td>74.00</td><td>-24.74</td><td>40.20</td><td>9.06</td><td>Peak</td><td>100</td><td>34</td></tr><tr><td>3</td><td>15960.00</td><td>38.69</td><td>54.00</td><td>-15.31</td><td>32.36</td><td>6.33</td><td>Average</td><td>112</td><td>65</td></tr><tr><td>4</td><td>15960.00</td><td>51.48</td><td>74.00</td><td>-22.52</td><td>45.15</td><td>6.33</td><td>Peak</td><td>112</td><td>65</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	10640.00	36.45	54.00	-17.55	27.39	9.06	Average	100	34	2	10640.00	49.26	74.00	-24.74	40.20	9.06	Peak	100	34	3	15960.00	38.69	54.00	-15.31	32.36	6.33	Average	112	65	4	15960.00	51.48	74.00	-22.52	45.15	6.33	Peak	112	65
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	10640.00	36.45	54.00	-17.55	27.39	9.06	Average	100	34																																												
2	10640.00	49.26	74.00	-24.74	40.20	9.06	Peak	100	34																																												
3	15960.00	38.69	54.00	-15.31	32.36	6.33	Average	112	65																																												
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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).																																																					



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5320																																																		
Polarization	Vertical																																																				
Test By :Roger Lu Temperature(°C):21 Humidity(%):62																																																					
<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>10640.00</td><td>37.12</td><td>54.00</td><td>-16.88</td><td>28.06</td><td>9.06</td><td>Average</td><td>100</td><td>40</td></tr><tr><td>2</td><td>10640.00</td><td>50.08</td><td>74.00</td><td>-23.92</td><td>41.02</td><td>9.06</td><td>Peak</td><td>100</td><td>40</td></tr><tr><td>3</td><td>15960.00</td><td>39.40</td><td>54.00</td><td>-14.60</td><td>33.07</td><td>6.33</td><td>Average</td><td>282</td><td>16</td></tr><tr><td>4</td><td>15960.00</td><td>51.59</td><td>74.00</td><td>-22.41</td><td>45.26</td><td>6.33</td><td>Peak</td><td>282</td><td>16</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	10640.00	37.12	54.00	-16.88	28.06	9.06	Average	100	40	2	10640.00	50.08	74.00	-23.92	41.02	9.06	Peak	100	40	3	15960.00	39.40	54.00	-14.60	33.07	6.33	Average	282	16	4	15960.00	51.59	74.00	-22.41	45.26	6.33	Peak	282	16
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
1	10640.00	37.12	54.00	-16.88	28.06	9.06	Average	100	40																																												
2	10640.00	50.08	74.00	-23.92	41.02	9.06	Peak	100	40																																												
3	15960.00	39.40	54.00	-14.60	33.07	6.33	Average	282	16																																												
4	15960.00	51.59	74.00	-22.41	45.26	6.33	Peak	282	16																																												
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																					



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Roger Lu Temperature(°C):21 Humidity(%):62			
Level (dBuV/m) <			



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5500																																								
Polarization	Vertical																																										
Test By :Roger Lu Temperature(°C):21 Humidity(%):62																																											
<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>11000.00</td><td>41.16</td><td>54.00</td><td>-12.84</td><td>31.79</td><td>9.37</td><td>Average</td><td>192</td><td>345</td></tr><tr><td>2</td><td>11000.00</td><td>52.66</td><td>74.00</td><td>-21.34</td><td>43.29</td><td>9.37</td><td>Peak</td><td>192</td><td>345</td></tr><tr><td>3</td><td>16500.00</td><td>58.91</td><td>68.20</td><td>-9.29</td><td>50.44</td><td>8.47</td><td>Peak</td><td>319</td><td>18</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	11000.00	41.16	54.00	-12.84	31.79	9.37	Average	192	345	2	11000.00	52.66	74.00	-21.34	43.29	9.37	Peak	192	345	3	16500.00	58.91	68.20	-9.29	50.44	8.47	Peak	319	18
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11000.00	41.16	54.00	-12.84	31.79	9.37	Average	192	345																																		
2	11000.00	52.66	74.00	-21.34	43.29	9.37	Peak	192	345																																		
3	16500.00	58.91	68.20	-9.29	50.44	8.47	Peak	319	18																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											

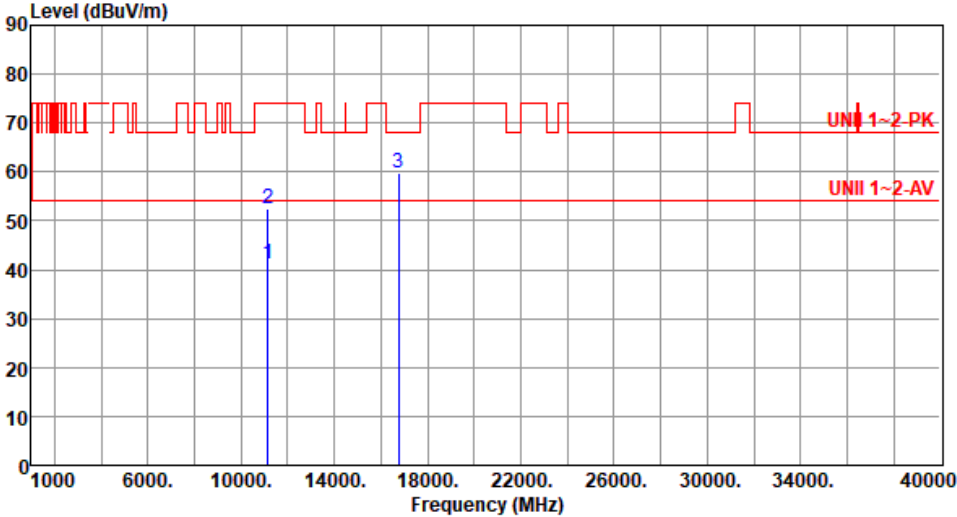


Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5580
Polarization	Horizontal		
Test By :Roger Lu Temperature(°C):21 Humidity(%):62			
Level (dBuV/m)			

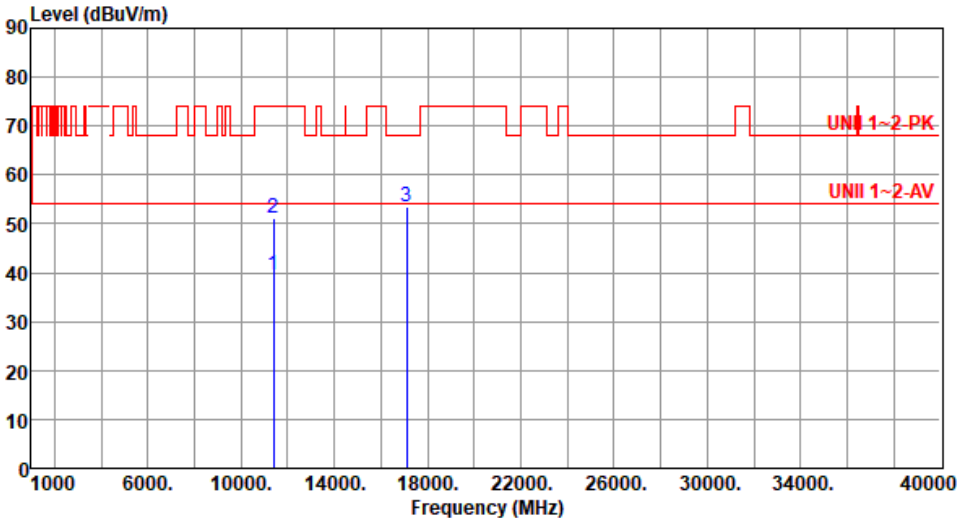


Modulation	be EHT20	Test Freq. (MHz)	5580																																								
Polarization	Vertical																																										
Test By :Roger Lu Temperature(°C):21 Humidity(%):62																																											
 <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</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>11160.00</td><td>41.22</td><td>54.00</td><td>-12.78</td><td>32.39</td><td>8.83</td><td>Average</td><td>213</td><td>345</td></tr><tr><td>2</td><td>11160.00</td><td>52.36</td><td>74.00</td><td>-21.64</td><td>43.53</td><td>8.83</td><td>Peak</td><td>213</td><td>345</td></tr><tr><td>3</td><td>16740.00</td><td>59.90</td><td>68.20</td><td>-8.30</td><td>50.94</td><td>8.96</td><td>Peak</td><td>275</td><td>14</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	11160.00	41.22	54.00	-12.78	32.39	8.83	Average	213	345	2	11160.00	52.36	74.00	-21.64	43.53	8.83	Peak	213	345	3	16740.00	59.90	68.20	-8.30	50.94	8.96	Peak	275	14
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11160.00	41.22	54.00	-12.78	32.39	8.83	Average	213	345																																		
2	11160.00	52.36	74.00	-21.64	43.53	8.83	Peak	213	345																																		
3	16740.00	59.90	68.20	-8.30	50.94	8.96	Peak	275	14																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5700																																								
Polarization	Horizontal																																										
Test By :Roger Lu Temperature(°C):21 Humidity(%):62																																											
 <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>11400.00</td><td>39.56</td><td>54.00</td><td>-14.44</td><td>30.43</td><td>9.13</td><td>Average</td><td>112</td><td>68</td></tr><tr><td>2</td><td>11400.00</td><td>51.29</td><td>74.00</td><td>-22.71</td><td>42.16</td><td>9.13</td><td>Peak</td><td>112</td><td>68</td></tr><tr><td>3</td><td>17100.00</td><td>53.41</td><td>68.20</td><td>-14.79</td><td>44.95</td><td>8.46</td><td>Peak</td><td>329</td><td>64</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	11400.00	39.56	54.00	-14.44	30.43	9.13	Average	112	68	2	11400.00	51.29	74.00	-22.71	42.16	9.13	Peak	112	68	3	17100.00	53.41	68.20	-14.79	44.95	8.46	Peak	329	64
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11400.00	39.56	54.00	-14.44	30.43	9.13	Average	112	68																																		
2	11400.00	51.29	74.00	-22.71	42.16	9.13	Peak	112	68																																		
3	17100.00	53.41	68.20	-14.79	44.95	8.46	Peak	329	64																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Unwanted Emissions

Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Roger Lu Temperature(°C):21 Humidity(%):62			
Level (dBuV/m) </			



Modulation	be EHT20	Test Freq. (MHz)	5720
Polarization	Horizontal		
Test By :Roger Lu Temperature(°C):21 Humidity(%):62			
Level (dBuV/m)			

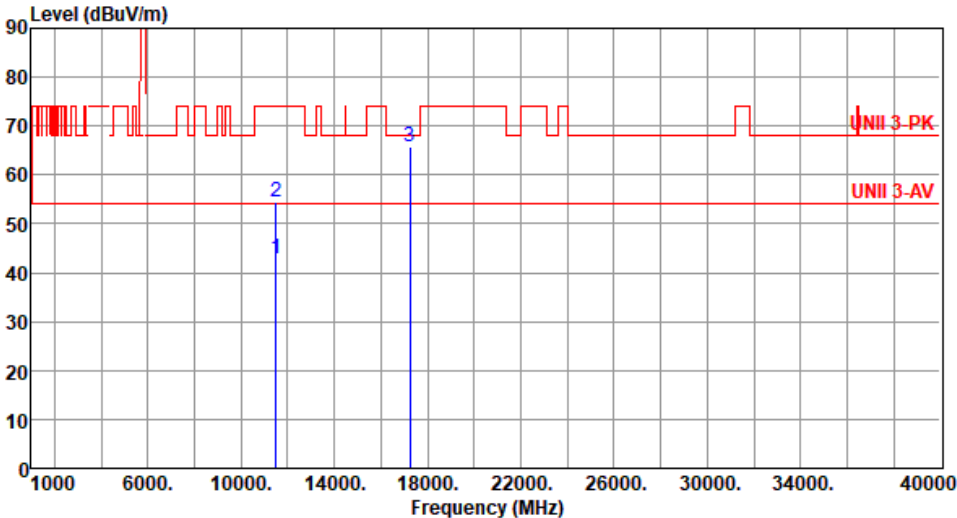


Modulation	be EHT20	Test Freq. (MHz)	5720																																								
Polarization	Vertical																																										
Test By :Roger Lu Temperature(°C):21 Humidity(%):62																																											
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. 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>11440.00</td><td>41.24</td><td>54.00</td><td>-12.76</td><td>32.01</td><td>9.23</td><td>Average</td><td>199</td><td>342</td></tr><tr><td>2</td><td>11440.00</td><td>53.20</td><td>74.00</td><td>-20.80</td><td>43.97</td><td>9.23</td><td>Peak</td><td>199</td><td>342</td></tr><tr><td>3</td><td>17160.00</td><td>58.42</td><td>68.20</td><td>-9.78</td><td>49.94</td><td>8.48</td><td>Peak</td><td>278</td><td>15</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	11440.00	41.24	54.00	-12.76	32.01	9.23	Average	199	342	2	11440.00	53.20	74.00	-20.80	43.97	9.23	Peak	199	342	3	17160.00	58.42	68.20	-9.78	49.94	8.48	Peak	278	15
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11440.00	41.24	54.00	-12.76	32.01	9.23	Average	199	342																																		
2	11440.00	53.20	74.00	-20.80	43.97	9.23	Peak	199	342																																		
3	17160.00	58.42	68.20	-9.78	49.94	8.48	Peak	278	15																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	be EHT20	Test Freq. (MHz)	5745																																								
Polarization	Horizontal																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
<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>11490.00</td><td>42.44</td><td>54.00</td><td>-11.56</td><td>33.09</td><td>9.35</td><td>Average</td><td>112</td><td>35</td></tr><tr><td>2</td><td>11490.00</td><td>54.65</td><td>74.00</td><td>-19.35</td><td>45.30</td><td>9.35</td><td>Peak</td><td>112</td><td>35</td></tr><tr><td>3</td><td>17235.00</td><td>65.13</td><td>68.20</td><td>-3.07</td><td>56.56</td><td>8.57</td><td>Peak</td><td>216</td><td>244</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	11490.00	42.44	54.00	-11.56	33.09	9.35	Average	112	35	2	11490.00	54.65	74.00	-19.35	45.30	9.35	Peak	112	35	3	17235.00	65.13	68.20	-3.07	56.56	8.57	Peak	216	244
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11490.00	42.44	54.00	-11.56	33.09	9.35	Average	112	35																																		
2	11490.00	54.65	74.00	-19.35	45.30	9.35	Peak	112	35																																		
3	17235.00	65.13	68.20	-3.07	56.56	8.57	Peak	216	244																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	be EHT20	Test Freq. (MHz)	5745																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
 <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>11490.00</td><td>42.86</td><td>54.00</td><td>-11.14</td><td>33.51</td><td>9.35</td><td>Average</td><td>166</td><td>341</td></tr><tr><td>2</td><td>11490.00</td><td>54.59</td><td>74.00</td><td>-19.41</td><td>45.24</td><td>9.35</td><td>Peak</td><td>166</td><td>341</td></tr><tr><td>3</td><td>17235.00</td><td>65.87</td><td>68.20</td><td>-2.33</td><td>57.30</td><td>8.57</td><td>Peak</td><td>214</td><td>28</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	11490.00	42.86	54.00	-11.14	33.51	9.35	Average	166	341	2	11490.00	54.59	74.00	-19.41	45.24	9.35	Peak	166	341	3	17235.00	65.87	68.20	-2.33	57.30	8.57	Peak	214	28
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11490.00	42.86	54.00	-11.14	33.51	9.35	Average	166	341																																		
2	11490.00	54.59	74.00	-19.41	45.24	9.35	Peak	166	341																																		
3	17235.00	65.87	68.20	-2.33	57.30	8.57	Peak	214	28																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Unwanted Emissions

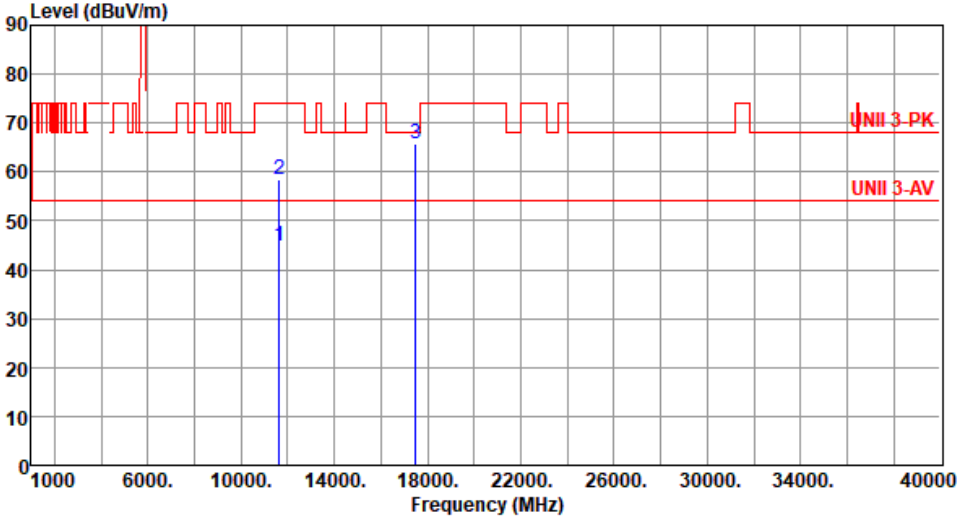
Appendix D

Modulation	be EHT20	Test Freq. (MHz)	5785																																								
Polarization	Horizontal																																										
Test By :Akun Chung 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>11570.00</td><td>44.38</td><td>54.00</td><td>-9.62</td><td>35.20</td><td>9.18</td><td>Average</td><td>100</td><td>46</td></tr><tr><td>2</td><td>11570.00</td><td>57.94</td><td>74.00</td><td>-16.06</td><td>48.76</td><td>9.18</td><td>Peak</td><td>100</td><td>46</td></tr><tr><td>3</td><td>17355.00</td><td>63.93</td><td>68.20</td><td>-4.27</td><td>54.94</td><td>8.99</td><td>Peak</td><td>216</td><td>238</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	11570.00	44.38	54.00	-9.62	35.20	9.18	Average	100	46	2	11570.00	57.94	74.00	-16.06	48.76	9.18	Peak	100	46	3	17355.00	63.93	68.20	-4.27	54.94	8.99	Peak	216	238
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11570.00	44.38	54.00	-9.62	35.20	9.18	Average	100	46																																		
2	11570.00	57.94	74.00	-16.06	48.76	9.18	Peak	100	46																																		
3	17355.00	63.93	68.20	-4.27	54.94	8.99	Peak	216	238																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											

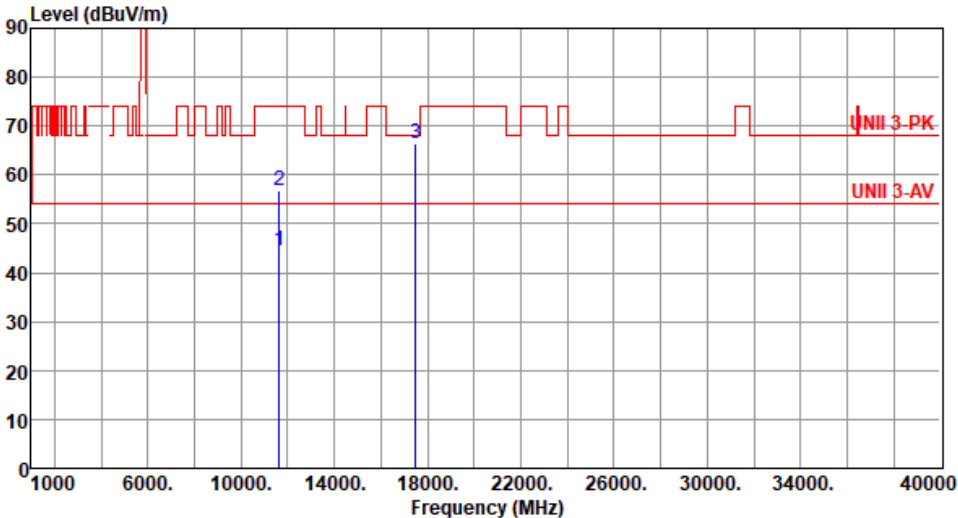


Modulation	be EHT20	Test Freq. (MHz)	5785																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</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>11570.00</td><td>44.19</td><td>54.00</td><td>-9.81</td><td>35.01</td><td>9.18</td><td>Average</td><td>295</td><td>7</td></tr><tr><td>2</td><td>11570.00</td><td>56.75</td><td>74.00</td><td>-17.25</td><td>47.57</td><td>9.18</td><td>Peak</td><td>295</td><td>7</td></tr><tr><td>3</td><td>17355.00</td><td>65.57</td><td>68.20</td><td>-2.63</td><td>56.58</td><td>8.99</td><td>Peak</td><td>144</td><td>247</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	11570.00	44.19	54.00	-9.81	35.01	9.18	Average	295	7	2	11570.00	56.75	74.00	-17.25	47.57	9.18	Peak	295	7	3	17355.00	65.57	68.20	-2.63	56.58	8.99	Peak	144	247
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11570.00	44.19	54.00	-9.81	35.01	9.18	Average	295	7																																		
2	11570.00	56.75	74.00	-17.25	47.57	9.18	Peak	295	7																																		
3	17355.00	65.57	68.20	-2.63	56.58	8.99	Peak	144	247																																		
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																											



Modulation	be EHT20	Test Freq. (MHz)	5825																																								
Polarization	Horizontal																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
 <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>11650.00</td><td>44.82</td><td>54.00</td><td>-9.18</td><td>36.18</td><td>8.64</td><td>Average</td><td>100</td><td>56</td></tr><tr><td>2</td><td>11650.00</td><td>58.31</td><td>74.00</td><td>-15.69</td><td>49.67</td><td>8.64</td><td>Peak</td><td>100</td><td>56</td></tr><tr><td>3</td><td>17475.00</td><td>65.62</td><td>68.20</td><td>-2.58</td><td>56.40</td><td>9.22</td><td>Peak</td><td>221</td><td>245</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	11650.00	44.82	54.00	-9.18	36.18	8.64	Average	100	56	2	11650.00	58.31	74.00	-15.69	49.67	8.64	Peak	100	56	3	17475.00	65.62	68.20	-2.58	56.40	9.22	Peak	221	245
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11650.00	44.82	54.00	-9.18	36.18	8.64	Average	100	56																																		
2	11650.00	58.31	74.00	-15.69	49.67	8.64	Peak	100	56																																		
3	17475.00	65.62	68.20	-2.58	56.40	9.22	Peak	221	245																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	be EHT20	Test Freq. (MHz)	5825																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
 <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>11650.00</td><td>44.42</td><td>54.00</td><td>-9.58</td><td>35.78</td><td>8.64</td><td>Average</td><td>294</td><td>351</td></tr><tr><td>2</td><td>11650.00</td><td>56.82</td><td>74.00</td><td>-17.18</td><td>48.18</td><td>8.64</td><td>Peak</td><td>294</td><td>351</td></tr><tr><td>3</td><td>17475.00</td><td>66.45</td><td>68.20</td><td>-1.75</td><td>57.23</td><td>9.22</td><td>Peak</td><td>316</td><td>341</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	11650.00	44.42	54.00	-9.58	35.78	8.64	Average	294	351	2	11650.00	56.82	74.00	-17.18	48.18	8.64	Peak	294	351	3	17475.00	66.45	68.20	-1.75	57.23	9.22	Peak	316	341
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	11650.00	44.42	54.00	-9.58	35.78	8.64	Average	294	351																																		
2	11650.00	56.82	74.00	-17.18	48.18	8.64	Peak	294	351																																		
3	17475.00	66.45	68.20	-1.75	57.23	9.22	Peak	316	341																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Unwanted Emissions

Appendix D

Modulation	be EHT40	Test Freq. (MHz)	5190																																								
Polarization	Horizontal																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
Level (dBuV/m) UNII 1~2-PK UNII 1~2-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>10380.00</td><td>53.24</td><td>68.20</td><td>-14.96</td><td>44.54</td><td>8.70</td><td>Peak</td><td>100</td><td>52</td></tr><tr><td>2</td><td>15570.00</td><td>48.26</td><td>54.00</td><td>-5.74</td><td>41.78</td><td>6.48</td><td>Average</td><td>264</td><td>58</td></tr><tr><td>3</td><td>15570.00</td><td>63.15</td><td>74.00</td><td>-10.85</td><td>56.67</td><td>6.48</td><td>Peak</td><td>264</td><td>58</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	10380.00	53.24	68.20	-14.96	44.54	8.70	Peak	100	52	2	15570.00	48.26	54.00	-5.74	41.78	6.48	Average	264	58	3	15570.00	63.15	74.00	-10.85	56.67	6.48	Peak	264	58
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10380.00	53.24	68.20	-14.96	44.54	8.70	Peak	100	52																																		
2	15570.00	48.26	54.00	-5.74	41.78	6.48	Average	264	58																																		
3	15570.00	63.15	74.00	-10.85	56.67	6.48	Peak	264	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).																																											



Unwanted Emissions

Appendix D

Modulation	be EHT40	Test Freq. (MHz)	5190																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
Level (dBuV/m) UNI 1~2-PK UNI 1~2-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>10380.00</td><td>51.95</td><td>68.20</td><td>-16.25</td><td>43.25</td><td>8.70</td><td>Peak</td><td>100</td><td>21</td></tr><tr><td>2</td><td>15570.00</td><td>49.15</td><td>54.00</td><td>-4.85</td><td>42.67</td><td>6.48</td><td>Average</td><td>354</td><td>322</td></tr><tr><td>3</td><td>15570.00</td><td>65.11</td><td>74.00</td><td>-8.89</td><td>58.63</td><td>6.48</td><td>Peak</td><td>354</td><td>322</td></tr></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).					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	10380.00	51.95	68.20	-16.25	43.25	8.70	Peak	100	21	2	15570.00	49.15	54.00	-4.85	42.67	6.48	Average	354	322	3	15570.00	65.11	74.00	-8.89	58.63	6.48	Peak	354	322
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10380.00	51.95	68.20	-16.25	43.25	8.70	Peak	100	21																																		
2	15570.00	49.15	54.00	-4.85	42.67	6.48	Average	354	322																																		
3	15570.00	65.11	74.00	-8.89	58.63	6.48	Peak	354	322																																		



Unwanted Emissions

Appendix D

Modulation	be EHT40	Test Freq. (MHz)	5230																																								
Polarization	Horizontal																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
<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>10460.00</td><td>52.25</td><td>68.20</td><td>-15.95</td><td>43.38</td><td>8.87</td><td>Peak</td><td>268</td><td>134</td></tr><tr><td>2</td><td>15690.00</td><td>48.32</td><td>54.00</td><td>-5.68</td><td>42.02</td><td>6.30</td><td>Average</td><td>229</td><td>243</td></tr><tr><td>3</td><td>15690.00</td><td>62.11</td><td>74.00</td><td>-11.89</td><td>55.81</td><td>6.30</td><td>Peak</td><td>229</td><td>243</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	10460.00	52.25	68.20	-15.95	43.38	8.87	Peak	268	134	2	15690.00	48.32	54.00	-5.68	42.02	6.30	Average	229	243	3	15690.00	62.11	74.00	-11.89	55.81	6.30	Peak	229	243
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10460.00	52.25	68.20	-15.95	43.38	8.87	Peak	268	134																																		
2	15690.00	48.32	54.00	-5.68	42.02	6.30	Average	229	243																																		
3	15690.00	62.11	74.00	-11.89	55.81	6.30	Peak	229	243																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	be EHT40	Test Freq. (MHz)	5230																																								
Polarization	Vertical																																										
Test By :Akun Chung Temperature(°C):21 Humidity(%):62																																											
<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>10460.00</td><td>52.54</td><td>68.20</td><td>-15.66</td><td>43.67</td><td>8.87</td><td>Peak</td><td>100</td><td>47</td></tr><tr><td>2</td><td>15690.00</td><td>50.08</td><td>54.00</td><td>-3.92</td><td>43.78</td><td>6.30</td><td>Average</td><td>339</td><td>321</td></tr><tr><td>3</td><td>15690.00</td><td>65.12</td><td>74.00</td><td>-8.88</td><td>58.82</td><td>6.30</td><td>Peak</td><td>339</td><td>321</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	10460.00	52.54	68.20	-15.66	43.67	8.87	Peak	100	47	2	15690.00	50.08	54.00	-3.92	43.78	6.30	Average	339	321	3	15690.00	65.12	74.00	-8.88	58.82	6.30	Peak	339	321
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																		
1	10460.00	52.54	68.20	-15.66	43.67	8.87	Peak	100	47																																		
2	15690.00	50.08	54.00	-3.92	43.78	6.30	Average	339	321																																		
3	15690.00	65.12	74.00	-8.88	58.82	6.30	Peak	339	321																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											