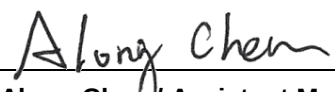


FCC C2PC Test Report

FCC ID : I4L-MRBE50
Equipment : Roamii BE Lite Mesh System
Model No. : MRBE50
Brand Name : msi
Applicant : Micro-Star Int'l Co.,Ltd
Address : No.69, Lide St., Zhonghe Dist., New Taipei City
235, Taiwan
Standard : 47 CFR FCC Part 15.407
Received Date : Mar. 07, 2024
Tested Date : Jul. 08 ~ Jul. 31, 2024

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

Reviewed by:


Along Chen / Assistant Manager

Approved by:

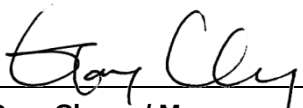

Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FR430702-01AN	Rev. 01	Initial issue	Aug. 13, 2024

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.198MHz 45.95 (Margin -17.76dB) - QP	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 5642.00MHz 68.15 (Margin -0.05dB) - PK	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	Conducted Output Power	Max Power [dBm]: Non-beamforming mode 5150~5250MHz: 29.00 5250~5350MHz: 23.65 5470~5725MHz: 23.67 5725~5850MHz: 29.59 5850~5895MHz: 29.52 Beamforming mode 5150~5250MHz: 28.80 5250~5350MHz: 23.43 5470~5725MHz: 23.20 5725~5850MHz: 29.16 5850~5895MHz: 29.44	Pass
15.407(a)	Power Spectral Density	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

This is a Class II Permissive Change report (C2PC).

This report is issued as a supplementary report to original report no. FR430702AN.

Reasons for the change are listed as follows:

- (1) Add/Change/Remove hardware components (capacitor, resistor, filter bead)
- (2) Add thermal pad (PAD 12/14/16)
- (3) Change thermal pad (PAD 1/2/7/11)

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
5150-5250 5250-5350 5470-5725 5725-5850 5850-5895	a	5180-5240 5260-5320 5500-5720 5745-5825 5845-5885	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5] 169-177 [3]	2	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850 5850-5895	n (HT20) ac (VHT20) ax (HE20) be (EHT20)	5180-5240 5260-5320 5500-5720 5745-5825 5845-5885	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5] 169-177 [3]	2	MCS 0-15 MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725 5725-5850 5850-5895	n (HT40) ac (VHT40) ax (HE40) be (EHT40)	5190-5230 5270-5310 5510-5710 5755-5795 5835-5875	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2] 167-175 [2]	2	MCS 0-15 MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725 5725-5850 5850-5895	ac (VHT80) ax (HE80) be (EHT80)	5210 5290 5530-5690 5775 5855	42 [1] 58 [1] 106-138 [3] 155 [1] 171 [1]	2	MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725 5850-5895	ac (VHT160) ax (HE160) be (EHT160)	5250 5570 5815	50 [1] 114 [1] 163 [1]	2	MCS 0-11 MCS 0-11 MCS 0-13
5470-5725	be (EHT240)	5610	122 [1]	2	MCS 0-13
Note 1: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation. Note 2: 802.11n/ac/ax/be supports beamforming function. Note 3: TPC function is supported.					

1.1.2 Antenna Details

Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)					
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895
Aristotle	JP887-2G-P1 (2G-1)	Dipole	UFL	2.41	---	---	---	---	---
Aristotle	JP868-2G-V2 (2G-2)	Dipole	UFL	2.36	---	---	---	---	---
Aristotle	JP887-5G-P1 (5G-1)	Dipole	UFL	---	3.66	3.88	3.24	2.99	3.33
Aristotle	JP887-5G-P2-V2 (5G-2)	Dipole	UFL	---	3.76	4.34	4.09	3.74	3.48

1.1.3 Power Supply Type of Equipment under Test (EUT)

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

1.1.4 Accessories

Accessories		
No.	Equipment	Description
1	AC adapter	Brand: DVE Model: DSA-18PFCA-09 120150 Power Rating: I/P: 100-240V~ 50/60Hz, 0.6A O/P: 12.0V= 1.5A, 18.0W Power line: 1.5m non-shielded without core
2	Ethernet Cable	1m non-shielded without core
3	Wall mount	---
4	Wall mount screw bag	---

1.1.5 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	167	5835
120	5600	175	5875
124	5620	802.11ac VHT80 / ax HE80 / be EHT80	
128	5640	42	5210
132	5660	58	5290
136	5680	106	5530
140	5700	122	5610
144	5720	138	5690
149	5745	155	5775
153	5765	171	5855
157	5785	802.11ac VHT160 / ax HE160 / be EHT160	
161	5805	50	5250
165	5825	114	5570
169	5845	163	5815
173	5865	802.11be EHT240	
177	5885	122	5610

1.1.6 Test Tool and Duty Cycle

Test Tool	QSPR, V6.00.00110.1				
Duty Cycle and Duty Factor	Mode	2T1S		2T2S	
		Duty cycle (%)	Duty factor (dB)	Duty cycle (%)	Duty factor (dB)
	11a	99.90%	0.00	---	---
	be EHT20	98.44%	0.07	98.96%	0.05
	be EHT40	98.44%	0.07	99.48%	0.02
	be EHT80	98.06%	0.08	98.06%	0.08
	be EHT160	98.45%	0.07	98.06%	0.08
	be EHT240	98.06%	0.08	98.07%	0.08

1.1.7 Power Index of Test Tool

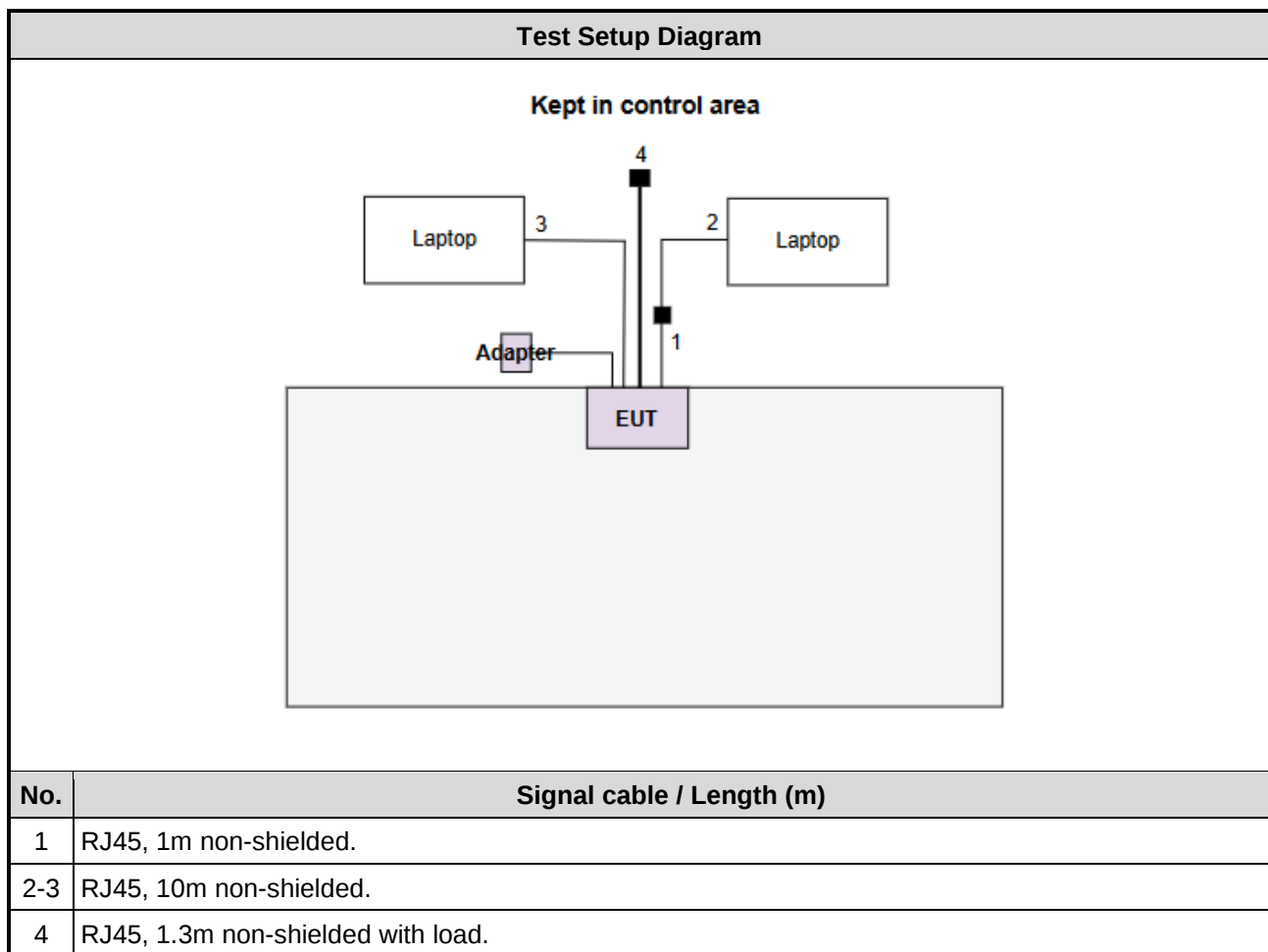
Modulation Mode	Test Frequency (MHz)	Power Index	
		2T1S	2T2S
11a	5180	24	---
11a	5200	24.5	---
11a	5240	24	---
11a	5260	18	---
11a	5300	18.5	---
11a	5320	18.5	---
11a	5500	18	---
11a	5580	18	---
11a	5700	18	---
11a	5720	18.5	---
11a	5745	26	---
11a	5785	26	---
11a	5825	26.5	---
11a	5845	23.5	---
11a	5865	21.5	---
11a	5885	21.5	---
be EHT20	5180	23.5	23.5
be EHT20	5200	25	24.5
be EHT20	5240	24.5	24.5
be EHT20	5260	19	18.5
be EHT20	5300	19	18.5
be EHT20	5320	19	18.5

be EHT20	5500	18.5	18
be EHT20	5580	18.5	18
be EHT20	5700	18	18
be EHT20	5720	18.5	18.5
be EHT20	5745	26.5	26
be EHT20	5785	26.5	26
be EHT20	5825	26.5	26
be EHT20	5845	25	---
be EHT20	5865	21.5	---
be EHT20	5885	21.5	---
be EHT40	5190	21	21
be EHT40	5230	25.5	25
be EHT40	5270	20	20
be EHT40	5310	18.5	18.5
be EHT40	5510	19.5	19.5
be EHT40	5590	20	19.5
be EHT40	5670	19.5	19.5
be EHT40	5710	20	20
be EHT40	5755	26	26
be EHT40	5795	26	26
be EHT40	5835	26	---
be EHT40	5875	25	---
be EHT80	5210	21	21.5
be EHT80	5290	19	19.5
be EHT80	5530	20	20
be EHT80	5610	20	20
be EHT80	5690	20	20
be EHT80	5775	25	24
be EHT80	5855	26	---
be EHT160	5250	20	20.5
be EHT160	5570	18.5	18.5
be EHT160	5815	20	---
be EHT240	5610	18.5	19

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Laptop	DELL	Latitude 5400	DoC	---
2	Laptop	DELL	Latitude 3440	DoC	---
3	RJ45 Load	ICC	DTSE9	---	---

1.3 Test Setup Chart



1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Jul. 30, 2024				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 23, 2024	Feb. 22, 2025
LISN	R&S	ENV216	101579	May 09, 2023	May 08, 2024
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 11, 2023	Oct. 10, 2024
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127666	Mar. 05, 2024	Mar. 04, 2025
50 ohm terminal (Support Unit)	NA	50	03	Aug. 08, 2023	Aug. 07, 2024
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission Below 1GHz				
Test Site	966 chamber 3 / (03CH03-WS)				
Tested Date	Jul. 30, 2024				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 05, 2024	Mar. 04, 2025
Loop Antenna	R&S	HFH2-Z2	100330	Oct. 31, 2023	Oct. 30, 2024
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 02, 2024	Jul. 01, 2025
Preamplifier	EMC	EMC02325	980187	Jun. 27, 2024	Jun. 26, 2025
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 03, 2023	Oct. 02, 2024
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Sep. 22, 2023	Sep. 21, 2024
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Sep. 22, 2023	Sep. 21, 2024
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Sep. 22, 2023	Sep. 21, 2024
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission above 1GHz				
Test Site	966 chamber 3 / (03CH03-WS)				
Tested Date	Jul. 08 ~ Jul. 15, 2024				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101499	Apr. 02, 2024	Apr. 01, 2025
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 14, 2023	Dec. 13, 2024
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Oct. 30, 2023	Oct. 29, 2024
Preamplifier	EMC	EMC118A45SE	980897	Aug. 01, 2023	Jul. 31, 2024
Preamplifier	EMC	EMC184045SE	980903	Jul. 17, 2023	Jul. 16, 2024
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 22, 2023	Sep. 21, 2024
RF cable-8M	EMC	EMC104-SM-SM-80 00	181107	Sep. 22, 2023	Sep. 21, 2024
Attenuator	Pasternack	PE7005-10	10-3	Sep. 27, 2023	Sep. 26, 2024
HIGHPASS FILTER	K&L	11SH10-7000/T1800 0-O/OP	21	Sep. 27, 2023	Sep. 26, 2024
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	Jul. 26 ~ Jul. 31, 2024				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2024	Apr. 17, 2025
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2023	Nov. 20, 2024
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2023	Nov. 20, 2024
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jul. 01, 2024	Jun. 30, 2025
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 16, 2023	Dec. 15, 2024
Attenuator	Pasternack	PE7005-10	10-2	Oct. 05, 2023	Oct. 04, 2024
Measurement Software	Sporton	SENSE-15407_NII	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.407

ANSI C63.10-2013

1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.130 Hz
Conducted power	± 0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Power density	± 0.583 dB
Conducted emission	± 2.715 dB
AC conducted emission	± 2.92 dB
Radiated emission ≤ 1 GHz	± 3.96 dB
Radiated emission > 1 GHz	± 4.51 dB
Time	$\pm 0.1\%$
Temperature	± 0.6 °C

2 Test Configuration

2.1 Testing Facility

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

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

2.2 The Worst Test Modes and Channel Details

Non-beamforming mode

Frequency band 5150~5350 MHz / 5470~5725 MHz / 5850 ~ 5895 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emissions	be EHT40 be EHT40	5230 5835	MCS 0 MCS 0	2T1S
Unwanted Emissions ≤1GHz	be EHT40 be EHT40	5230 5835	MCS 0 MCS 0	2T1S
Unwanted Emissions >1GHz	11a be EHT20 be EHT40 be EHT80 be EHT160 be EHT240	5180 / 5845 5180 / 5700 5190 / 5230 / 5310 / 5510 5210 / 5290 / 5530 5250 / 5570 / 5815 5610	6 Mbps MCS 0 MCS 0 MCS 0 MCS 0 MCS 0	2T1S
Conducted Output Power	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720 5845 / 5865 / 5885	6 Mbps	2T1S
	be EHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720 5845 / 5865 / 5885	MCS 0	
	be EHT40	5190 / 5230 / 5270 / 5310 / 5510 5590 / 5670 / 5710 / 5835 / 5875	MCS 0	
	be EHT80	5210 / 5290 / 5530 / 5610 / 5690 5855	MCS 0	
	be EHT160	5250 / 5570 / 5815	MCS 0	
	be EHT240	5610	MCS 0	
Emission Bandwidth Power Spectral Density	be EHT40 be EHT80 be EHT160	5190 5210 5815	MCS 0 MCS 0 MCS 0	2T1S
Unwanted Emissions >1GHz	be EHT20 be EHT40 be EHT80 be EHT160 be EHT240	5180 5190 / 5230 / 5310 / 5510 5210 / 5290 / 5530 5250 / 5570 / 5815 5610	MCS 0 MCS 0 MCS 0 MCS 0 MCS 0	2T2S
Conducted Output Power	be EHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720 5845 / 5865 / 5885	MCS 0	2T2S
	be EHT40	5190 / 5230 / 5270 / 5310 / 5510 5590 / 5670 / 5710 / 5835 / 5875	MCS 0	
	be EHT80	5210 / 5290 / 5530 / 5610 / 5690 5855	MCS 0	
	be EHT160	5250 / 5570 / 5815	MCS 0	
	be EHT240	5610	MCS 0	

Emission Bandwidth Power Spectral Density	be EHT40 be EHT80	5190 5210	MCS 0 MCS 0	2T2S
--	----------------------	--------------	----------------	------

NOTE:

For 5850 ~ 5895 MHz

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..

Frequency band 5725-5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emissions	11a	5825	6 Mbps	2T1S
Unwanted Emissions ≤1GHz	11a	5825	6 Mbps	2T1S
Unwanted Emissions >1GHz	be EHT80	5775	MCS 0	2T1S
Conducted Output Power	11a	5745 / 5785 / 5825	6 Mbps	2T1S
	be EHT20	5745 / 5785 / 5825	MCS 0	
	be EHT40	5755 / 5795	MCS 0	
	be EHT80	5775	MCS 0	
Unwanted Emissions >1GHz	be EHT80	5775	MCS 0	2T2S
Conducted Output Power	be EHT20	5745 / 5785 / 5825	MCS 0	2T2S
	be EHT40	5755 / 5795	MCS 0	
	be EHT80	5775	MCS 0	

Beamforming mode

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Conducted Output Power	be EHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720 5845 / 5865 / 5885	MCS 0	2T1S / 2T2S
	be EHT40	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710 / 5835 / 5875	MCS 0	
	be EHT80	5210 / 5290 / 5530 / 5610 / 5690 5855	MCS 0	
	be EHT160	5250 / 5570 / 5815	MCS 0	
	be EHT240	5610	MCS 0	
Frequency band 5725-5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Conducted Output Power	be EHT20	5745 / 5785 / 5825	MCS 0	2T1S / 2T2S
	be EHT40	5755 / 5795	MCS 0	
	be EHT80	5775	MCS 0	

3 Transmitter Test Results

3.1 Emission Bandwidth

3.1.1 Limit of Emission Bandwidth

Within the 5.725-5.85 GHz and 5.85 ~ 5.895 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.

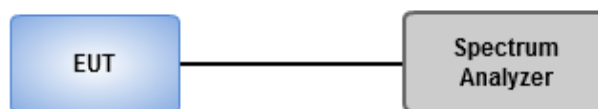
Occupied Bandwidth

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	24°C / 65-68%	Tested By	Roger Lu
-------------------	---------------	-----------	----------

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.	

Frequency Band (MHz) : 5850 ~ 5895 MHz	Limit
☒ Indoor Access Point device	EIRP 36 dBm
☒ Subordinate device	EIRP 36 dBm
☐ Client device	EIRP 30 dBm

3.2.2 Test Procedures

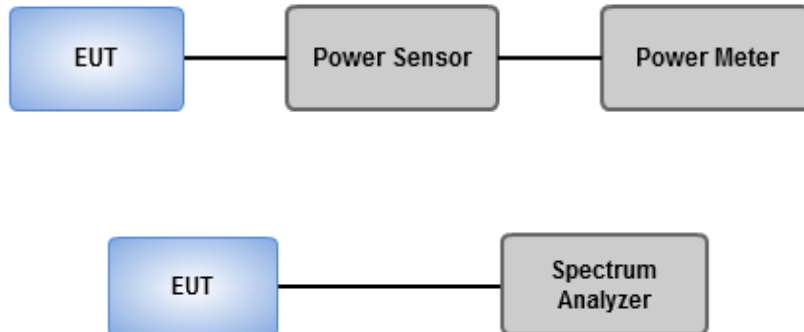
Method PM-G (Measurement using a gated RF average power meter)

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	24°C / 65-68%	Tested By	Roger Lu
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Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

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

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

Frequency Band: 5850 ~ 5895 MHz		Limit
☒	Indoor Access Point device	EIRP 20 dBm/MHz
☒	Subordinate device	EIRP 20 dBm/MHz
☐	Client device	EIRP 14 dBm/MHz

3.3.2 Test Procedures

For 5150 ~ 5250 MHz / 5250 ~ 5350 MHz / 5470 ~ 5725 MHz / 5850 ~ 5895 MHz

Duty cycle $\geq 98\%$

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

Duty cycle $< 98\%$

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

For 5725 ~ 5850 MHz

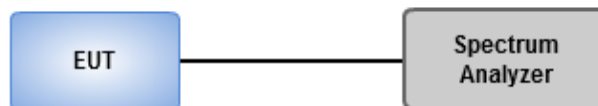
Duty cycle $\geq 98\%$

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

Duty cycle $< 98\%$

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

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	24°C / 65-68%	Tested By	Roger Lu
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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).

Un-restricted band emissions above 1GHz Limit		
Operating Band	Operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz	
Limit	Indoor access point or Subordinate device	All emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz
	Client device	All emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz
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

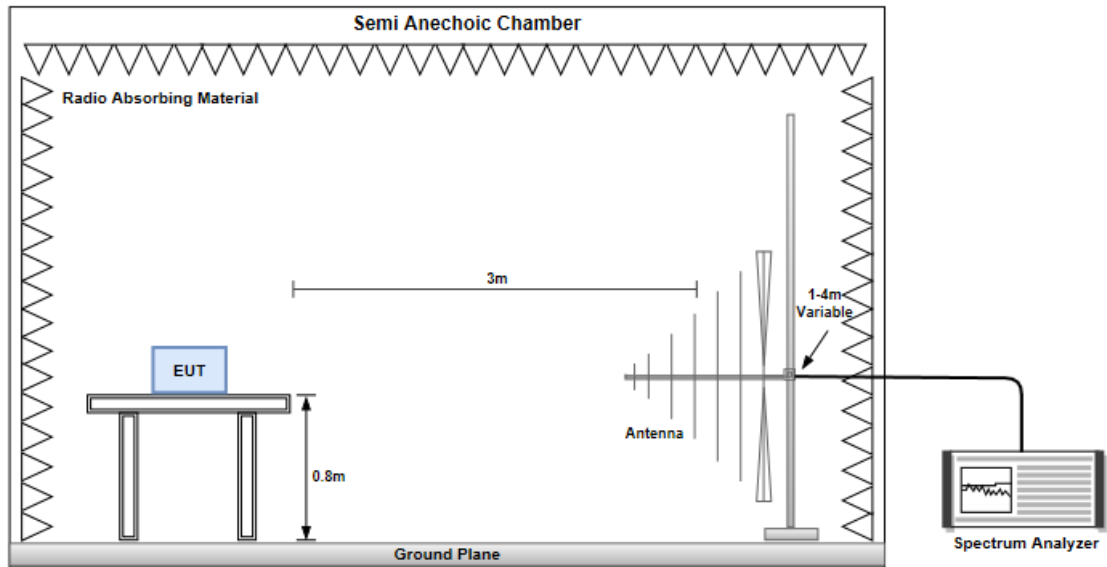
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

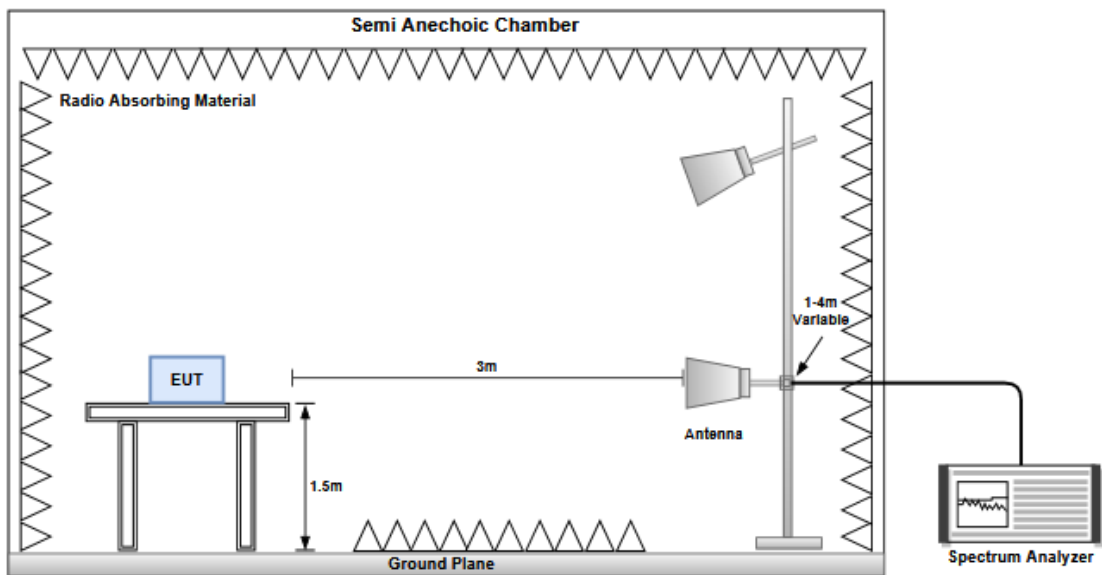
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.5.1 Limit of AC Power Line Conducted Emissions

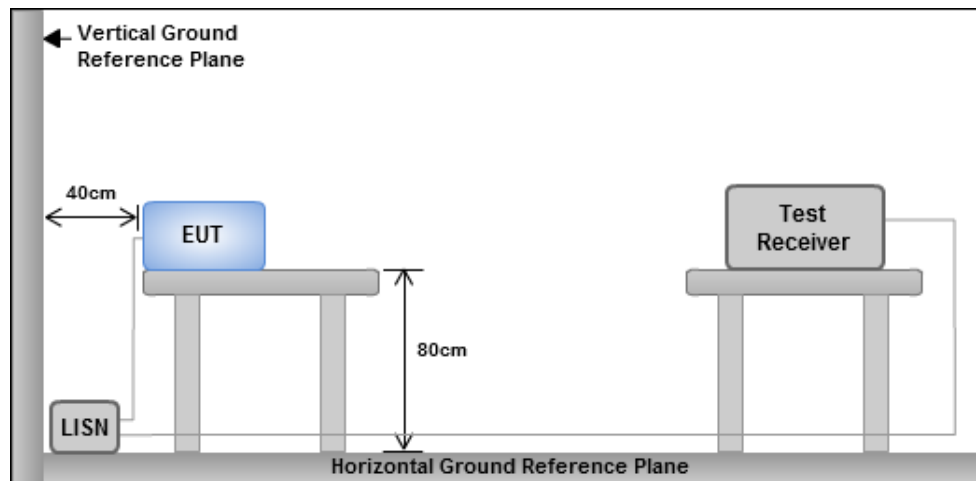
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

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

3.5.2 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

3.5.3 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

3.5.4 Test Results

Refer to Appendix E.

4 Test laboratory information

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

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

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

Linkou

Tel: 886-2-2601-1640

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

Kwei Shan

Tel: 886-3-271-8666

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

Kwei Shan Site II

Tel: 886-3-271-8640

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

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

Tel: 886-3-271-8666

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Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	43.692M	37.961M	38M0D1D	42.9M	37.961M
802.11be EHT80_Nss1,(MCS0)_2TX	86.328M	77.721M	77M7D1D	85.536M	77.601M
5.85-5.895GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	157.872M	157.601M	158MD1D	156.816M	157.121M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.692M	37.961M	42.9M	37.961M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.536M	77.721M	86.328M	77.601M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5815MHz	Pass	500k	156.816M	157.121M	157.872M	157.601M

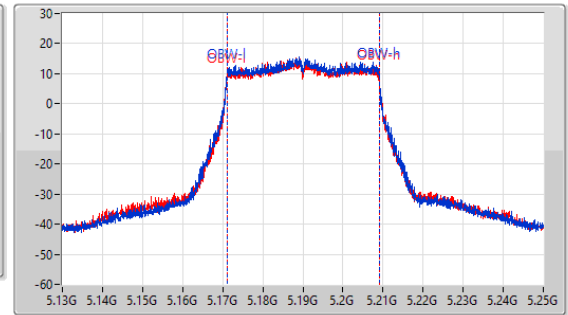
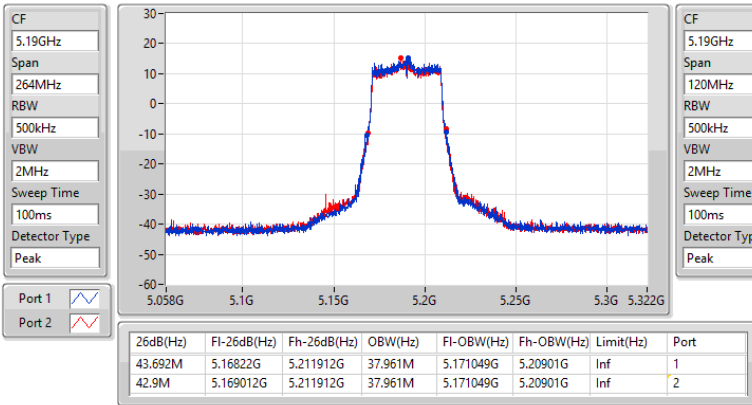
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

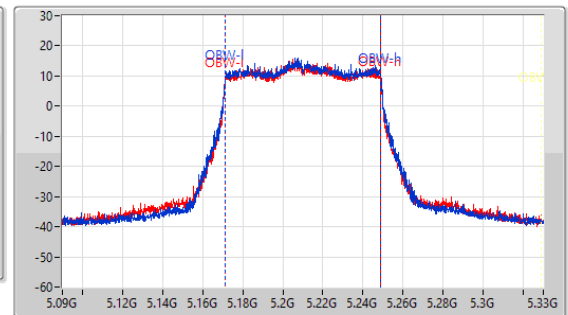
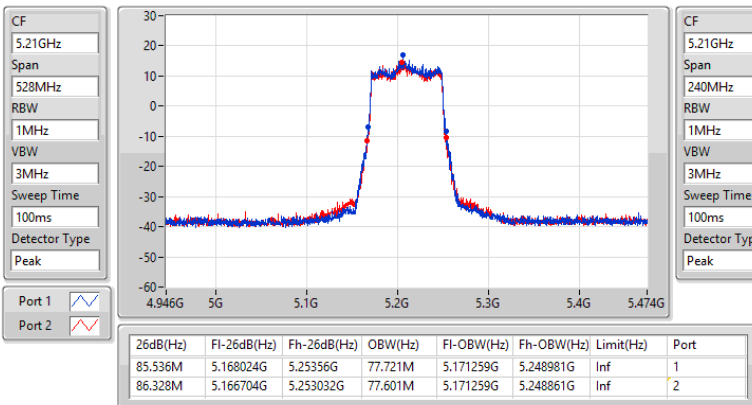
5190MHz



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

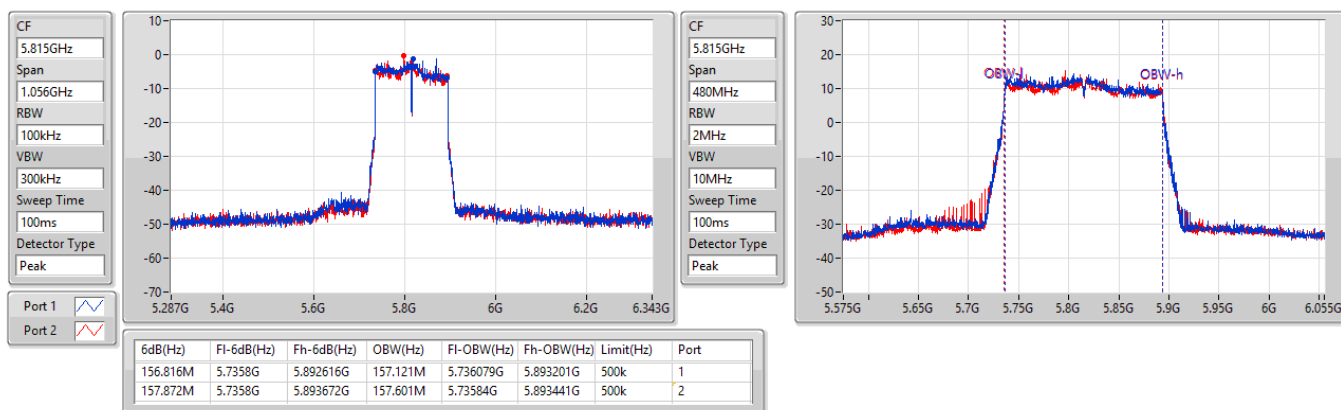




5.85-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

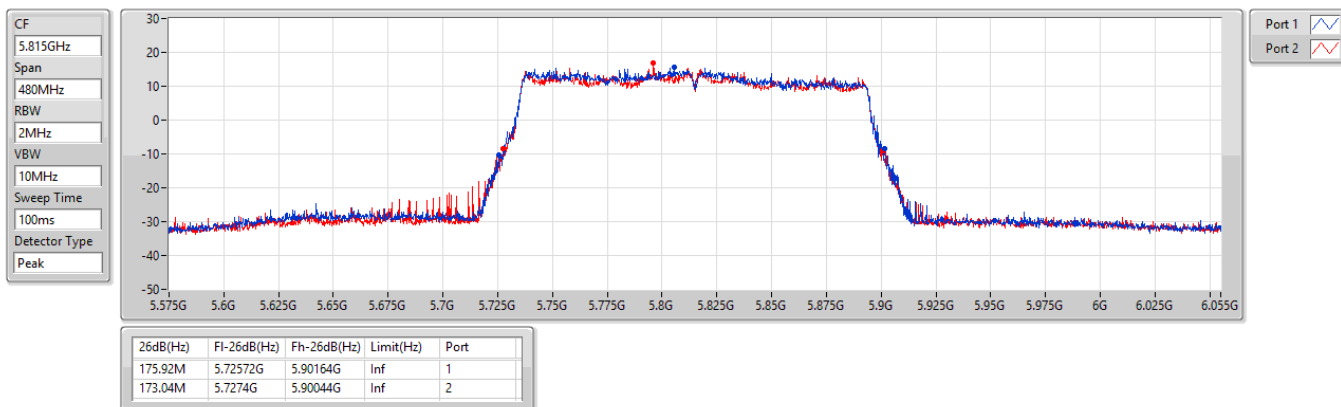
5815MHz



5.85-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5815MHz



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT40_Nss2,(MCS0)_2TX	43.824M	38.081M	38M1D1D	43.56M	38.021M
802.11be EHT80_Nss2,(MCS0)_2TX	86.856M	77.841M	77M8D1D	86.064M	77.601M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.824M	38.021M	43.56M	38.081M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.064M	77.841M	86.856M	77.601M

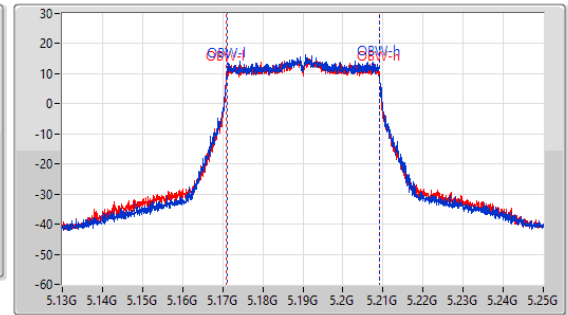
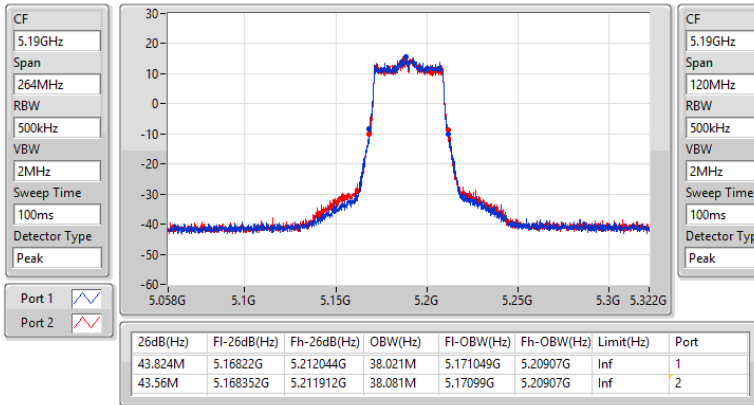
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

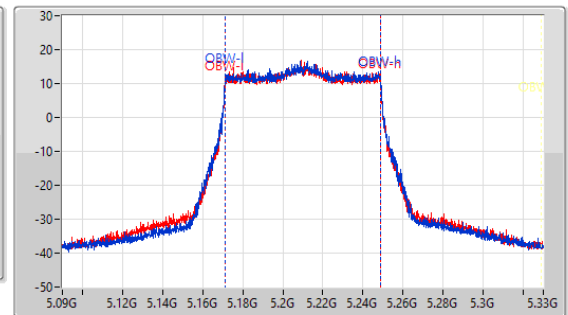
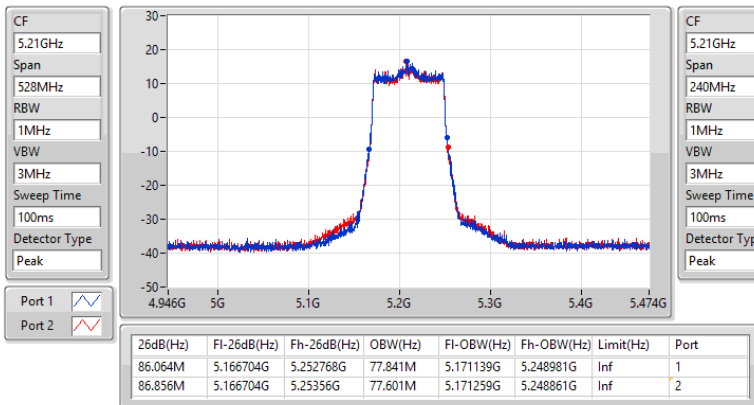
5190MHz



5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz



Non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.77	0.59841	31.53	1.42233
802.11be EHT20_Nss1,(MCS0)_2TX	28.35	0.68391	32.11	1.62555
802.11be EHT40_Nss1,(MCS0)_2TX	29.00	0.79433	32.76	1.88799
802.11be EHT80_Nss1,(MCS0)_2TX	24.20	0.26303	27.96	0.62517
802.11be EHT160_Nss1,(MCS0)_2TX	20.41	0.10990	24.17	0.26122
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.76	0.14997	26.10	0.40738
802.11be EHT20_Nss1,(MCS0)_2TX	22.36	0.17219	26.70	0.46774
802.11be EHT40_Nss1,(MCS0)_2TX	23.54	0.22594	27.88	0.61376
802.11be EHT80_Nss1,(MCS0)_2TX	22.13	0.16331	26.47	0.44361
802.11be EHT160_Nss1,(MCS0)_2TX	20.29	0.10691	24.63	0.29040
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.66	0.14655	25.75	0.37584
802.11be EHT20_Nss1,(MCS0)_2TX	22.20	0.16596	26.29	0.42560
802.11be EHT40_Nss1,(MCS0)_2TX	23.67	0.23281	27.76	0.59704
802.11be EHT80_Nss1,(MCS0)_2TX	23.60	0.22909	27.69	0.58749
802.11be EHT160_Nss1,(MCS0)_2TX	21.88	0.15417	25.97	0.39537
be240_240MHz_Nss1,(MCS0)_2TX	21.05	0.12735	25.14	0.32659
5.85-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.98	0.49888	30.72	1.18032
802.11be EHT20_Nss1,(MCS0)_2TX	28.23	0.66527	31.97	1.57398
802.11be EHT40_Nss1,(MCS0)_2TX	29.52	0.89536	33.26	2.11836
802.11be EHT80_Nss1,(MCS0)_2TX	29.29	0.84918	33.03	2.00909
802.11be EHT160_Nss1,(MCS0)_2TX	23.18	0.20797	26.92	0.49204
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	29.59	0.90991	33.33	2.15278
802.11be EHT20_Nss1,(MCS0)_2TX	29.58	0.90782	33.32	2.14783
802.11be EHT40_Nss1,(MCS0)_2TX	29.57	0.90573	33.31	2.14289
802.11be EHT80_Nss1,(MCS0)_2TX	28.22	0.66374	31.96	1.57036
be240_240MHz_Nss1,(MCS0)_2TX	0.28	0.00107	4.02	0.00252

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.76	24.81	24.11	27.48	30.00	31.24	36.00
5200MHz	Pass	3.76	25.08	24.41	27.77	30.00	31.53	36.00
5240MHz	Pass	3.76	24.63	24.11	27.39	30.00	31.15	36.00
5260MHz	Pass	4.34	18.43	18.03	21.24	24.00	25.58	30.00
5300MHz	Pass	4.34	19.04	18.43	21.76	24.00	26.10	30.00
5320MHz	Pass	4.34	19.03	18.41	21.74	24.00	26.08	30.00
5500MHz	Pass	4.09	18.95	18.32	21.66	24.00	25.75	30.00
5580MHz	Pass	4.09	18.79	18.26	21.54	24.00	25.63	30.00
5700MHz	Pass	4.09	18.5	18.53	21.53	24.00	25.62	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.09	17.67	17.75	20.72	23.05	24.81	29.05
5720MHz Straddle 5.725-5.85GHz	Pass	3.74	10.86	10.87	13.88	30.00	17.62	36.00
5745MHz	Pass	3.74	26.14	26.39	29.28	30.00	33.02	36.00
5785MHz	Pass	3.74	26.28	26.09	29.20	30.00	32.94	36.00
5825MHz	Pass	3.74	26.67	26.49	29.59	30.00	33.33	36.00
5845MHz	Pass	3.74	24.11	23.83	26.98	30.00	30.72	36.00
5865MHz	Pass	3.48	21.95	21.64	24.81	Inf	28.29	36.00
5885MHz	Pass	3.48	21.95	21.5	24.74	Inf	28.22	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.76	24.32	23.61	26.99	30.00	30.75	36.00
5200MHz	Pass	3.76	25.68	24.98	28.35	30.00	32.11	36.00
5240MHz	Pass	3.76	25.29	24.65	27.99	30.00	31.75	36.00
5260MHz	Pass	4.34	19.63	18.96	22.32	24.00	26.66	30.00
5300MHz	Pass	4.34	19.73	18.9	22.35	24.00	26.69	30.00
5320MHz	Pass	4.34	19.71	18.96	22.36	24.00	26.70	30.00
5500MHz	Pass	4.09	19.53	18.82	22.20	24.00	26.29	30.00
5580MHz	Pass	4.09	19.41	18.91	22.18	24.00	26.27	30.00
5700MHz	Pass	4.09	18.82	18.85	21.85	24.00	25.94	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.09	17.59	18.11	20.87	23.21	24.96	29.21
5720MHz Straddle 5.725-5.85GHz	Pass	3.74	12.07	11.79	14.94	30.00	18.68	36.00
5745MHz	Pass	3.74	26.31	26.81	29.58	30.00	33.32	36.00
5785MHz	Pass	3.74	26.36	26.48	29.43	30.00	33.17	36.00
5825MHz	Pass	3.74	26.42	26.44	29.44	30.00	33.18	36.00
5845MHz	Pass	3.74	25.19	25.24	28.23	30.00	31.97	36.00
5865MHz	Pass	3.48	21.95	21.86	24.92	Inf	28.40	36.00
5885MHz	Pass	3.48	21.82	21.84	24.84	Inf	28.32	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.76	22.01	21.55	24.80	30.00	28.56	36.00
5230MHz	Pass	3.76	26.37	25.58	29.00	30.00	32.76	36.00
5270MHz	Pass	4.34	20.79	20.26	23.54	24.00	27.88	30.00
5310MHz	Pass	4.34	19.43	18.61	22.05	24.00	26.39	30.00
5510MHz	Pass	4.09	20.69	20.17	23.45	24.00	27.54	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5590MHz	Pass	4.09	20.74	20.58	23.67	24.00	27.76	30.00
5670MHz	Pass	4.09	20.48	20.02	23.27	24.00	27.36	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.09	20.19	20.12	23.17	24.00	27.26	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.74	9.73	10.14	12.95	30.00	16.69	36.00
5755MHz	Pass	3.74	26.39	26.72	29.57	30.00	33.31	36.00
5795MHz	Pass	3.74	26.42	26.45	29.45	30.00	33.19	36.00
5835MHz	Pass	3.74	26.49	26.52	29.52	30.00	33.26	36.00
5875MHz	Pass	3.48	25.56	25.66	28.62	Inf	32.10	36.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.76	21.45	20.91	24.20	30.00	27.96	36.00
5290MHz	Pass	4.34	19.49	18.71	22.13	24.00	26.47	30.00
5530MHz	Pass	4.09	20.81	20.35	23.60	24.00	27.69	30.00
5610MHz	Pass	4.09	20.68	20.29	23.50	24.00	27.59	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.09	20.32	20.47	23.41	24.00	27.50	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.74	6.17	6.85	9.53	30.00	13.27	36.00
5775MHz	Pass	3.74	25.35	25.07	28.22	30.00	31.96	36.00
5855MHz	Pass	3.74	26.31	26.24	29.29	30.00	33.03	36.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.76	17.71	17.06	20.41	30.00	24.17	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	17.61	16.93	20.29	24.00	24.63	30.00
5570MHz	Pass	4.09	19.14	18.59	21.88	24.00	25.97	30.00
5815MHz	Pass	3.74	20.33	20.01	23.18	30.00	26.92	36.00
be240_240MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	4.09	18.39	17.65	21.05	24.00	25.14	30.00
5610MHz Straddle 5.725-5.85GHz	Pass	3.74	-2.56	-2.91	0.28	30.00	4.02	36.00

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

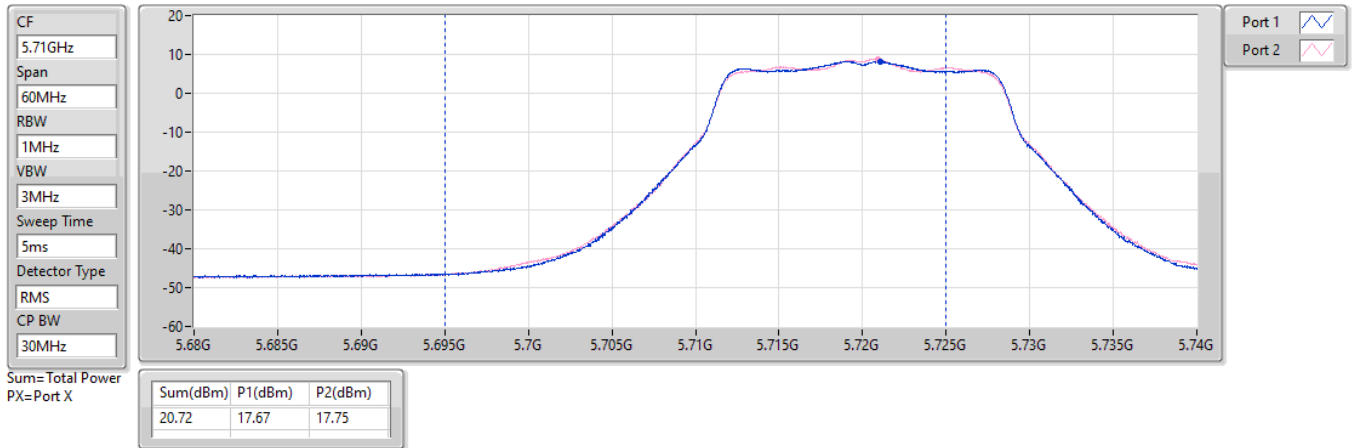
Total Conducted Power of Straddle Channel

Mode	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-
5720MHz Straddle 5.47-5.725GHz	17.67	17.75	21.54
5720MHz Straddle 5.725-5.85GHz	10.86	10.87	
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5720MHz Straddle 5.47-5.725GHz	17.59	18.11	21.86
5720MHz Straddle 5.725-5.85GHz	12.07	11.79	
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5710MHz Straddle 5.47-5.725GHz	20.19	20.12	23.56
5710MHz Straddle 5.725-5.85GHz	9.73	10.14	
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5690MHz Straddle 5.47-5.725GHz	20.32	20.47	23.58
5690MHz Straddle 5.725-5.85GHz	6.17	6.85	
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
5250MHz Straddle 5.15-5.25GHz	17.71	17.06	23.36
5250MHz Straddle 5.25-5.35GHz	17.61	16.93	
802.11be EHT240_Nss1,(MCS0)_2TX	-	-	-
5610MHz Straddle 5.47-5.725GHz	18.39	17.65	21.08
5610MHz Straddle 5.725-5.85GHz	-2.56	-2.91	

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

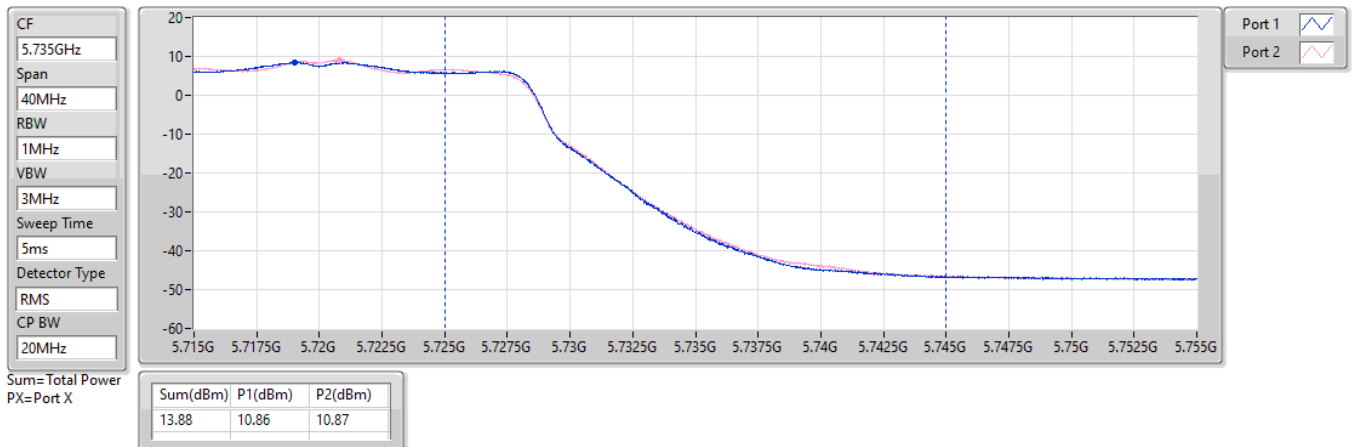
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

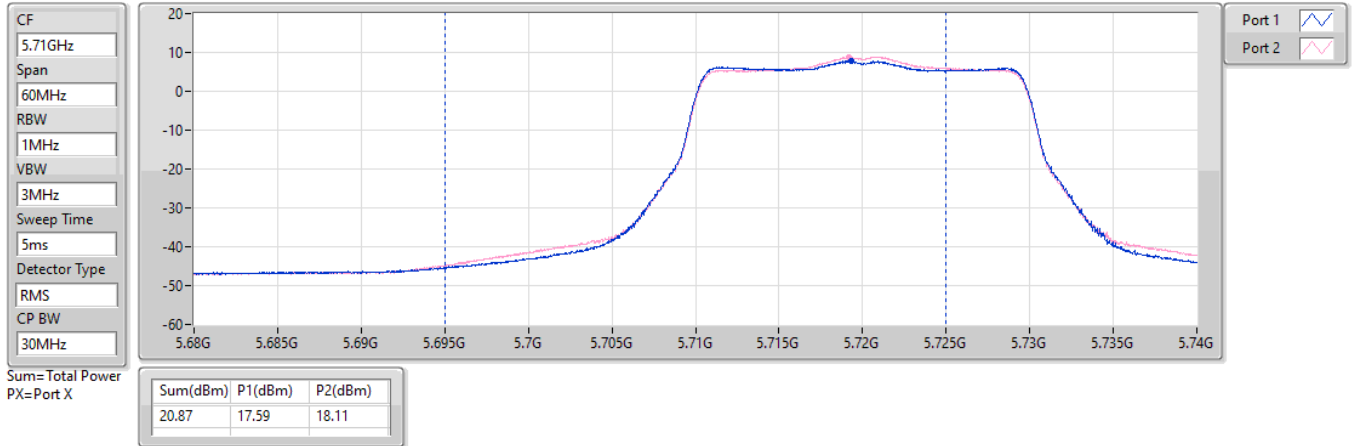
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

AV Power

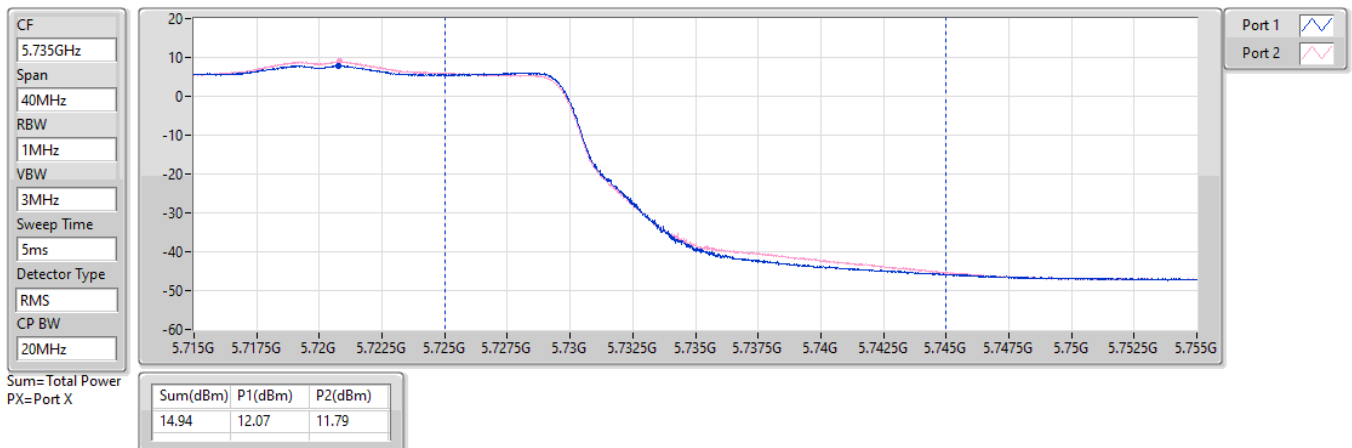
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

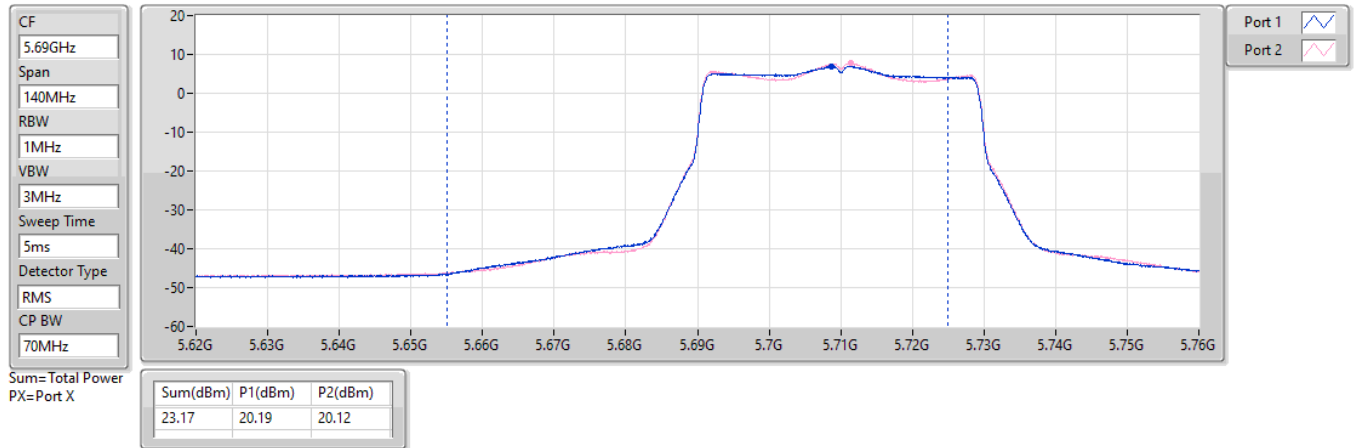




5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

AV Power

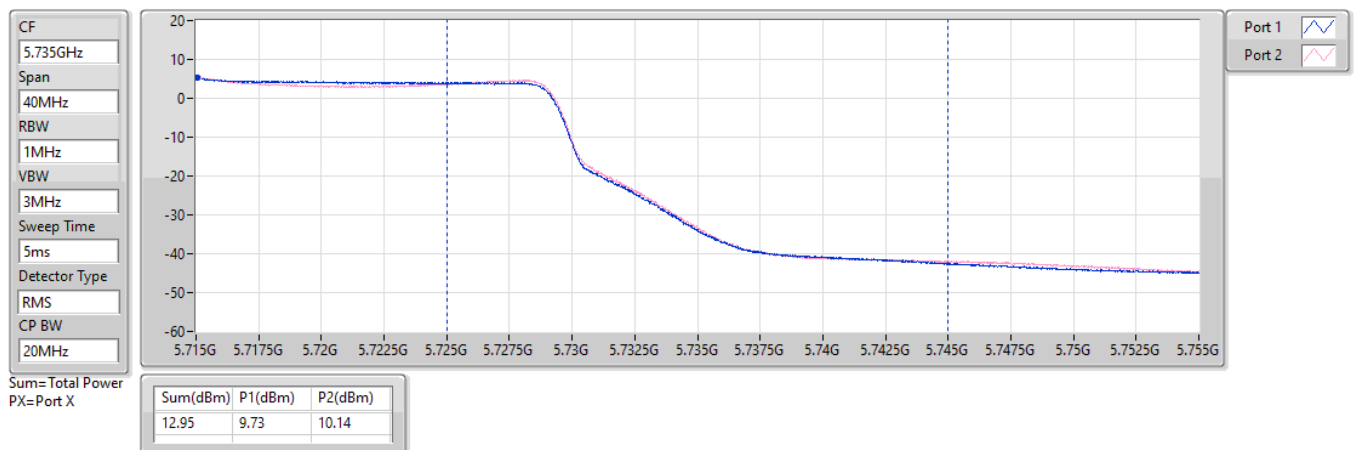
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

AV Power

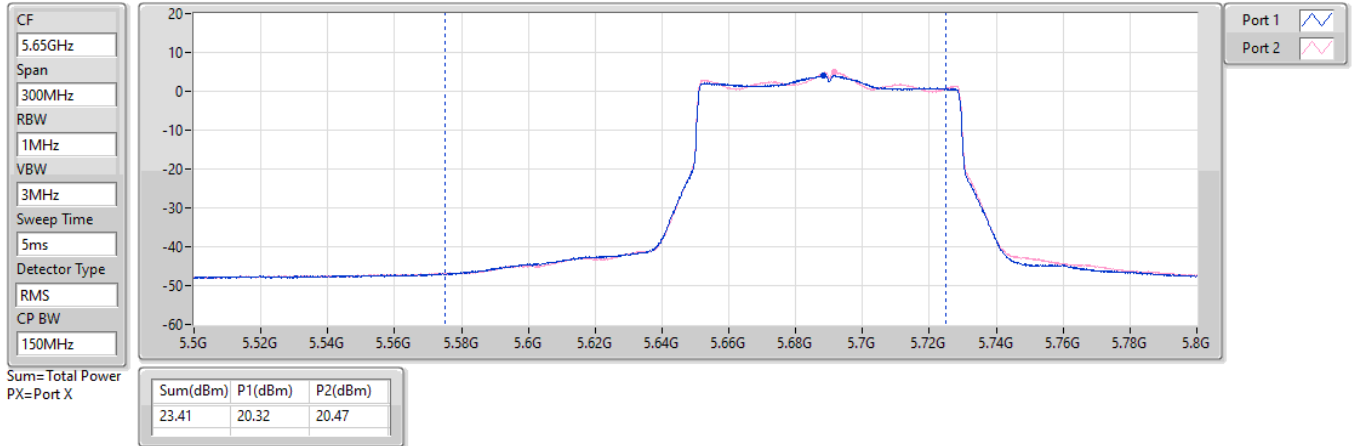
5710MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

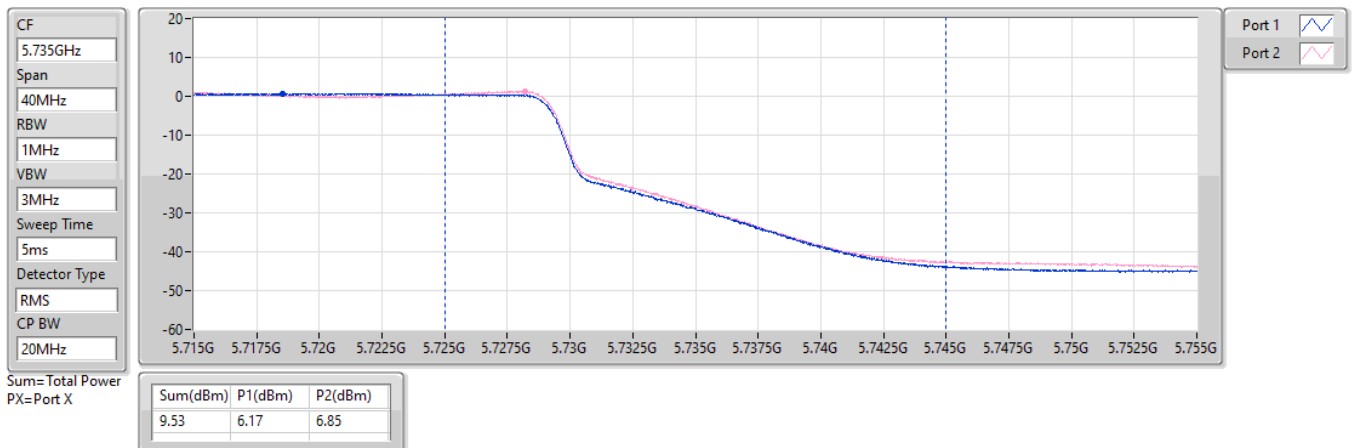
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

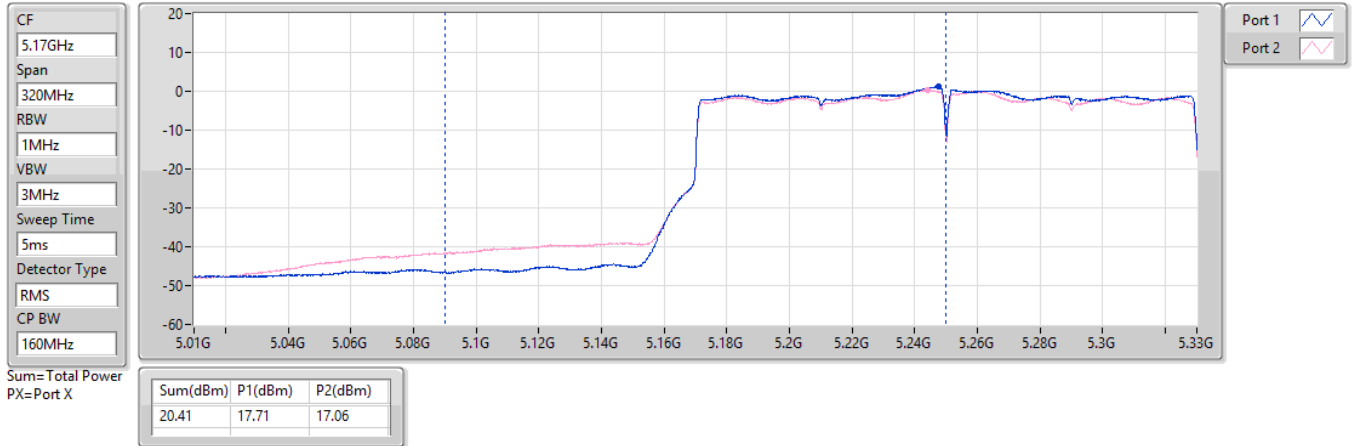
5690MHz Straddle 5.725-5.85GHz_TX



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

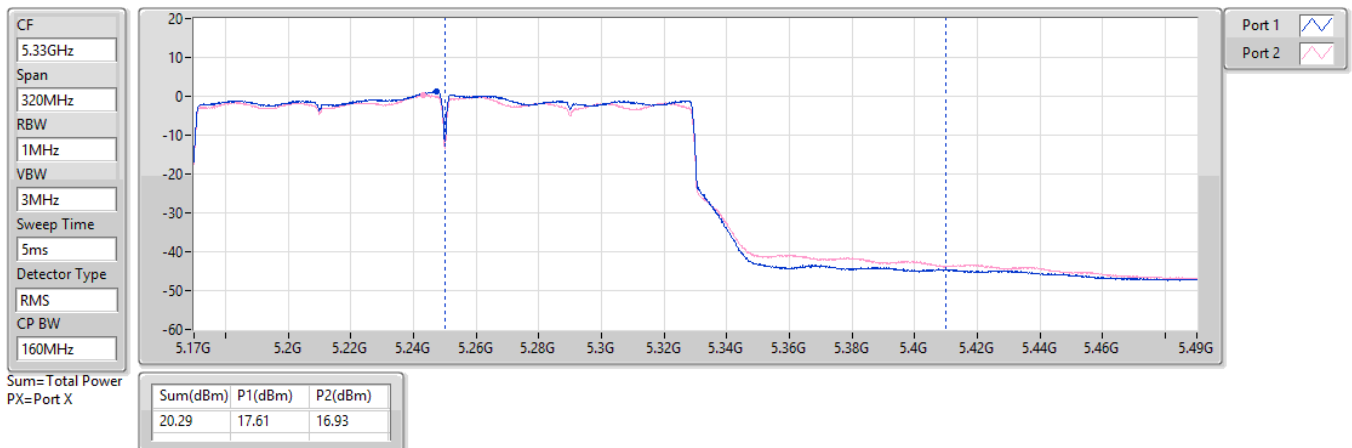
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

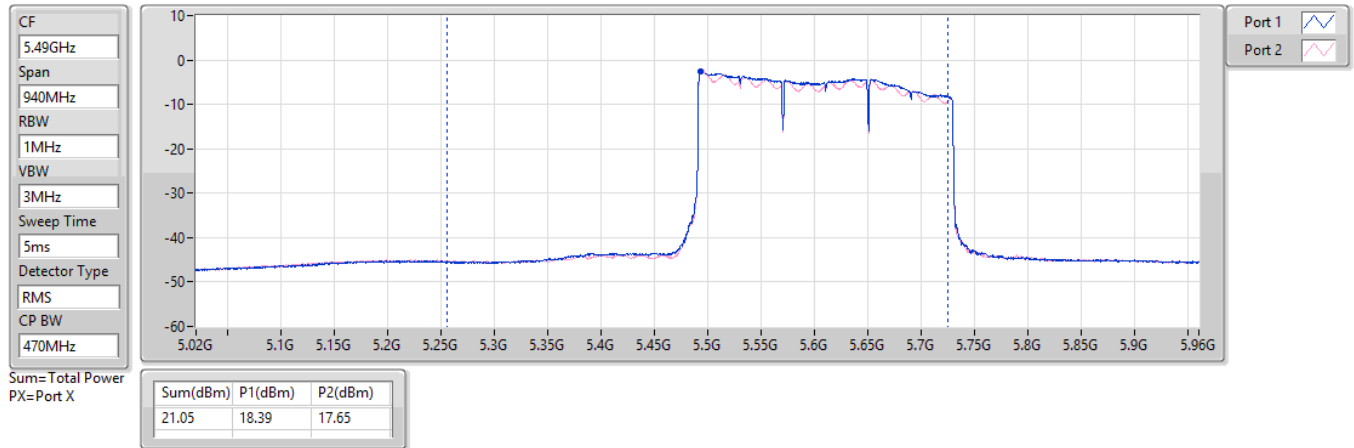




5.47-5.725GHz_be240_240MHz_Nss1,(MCS0)_2TX

AV Power

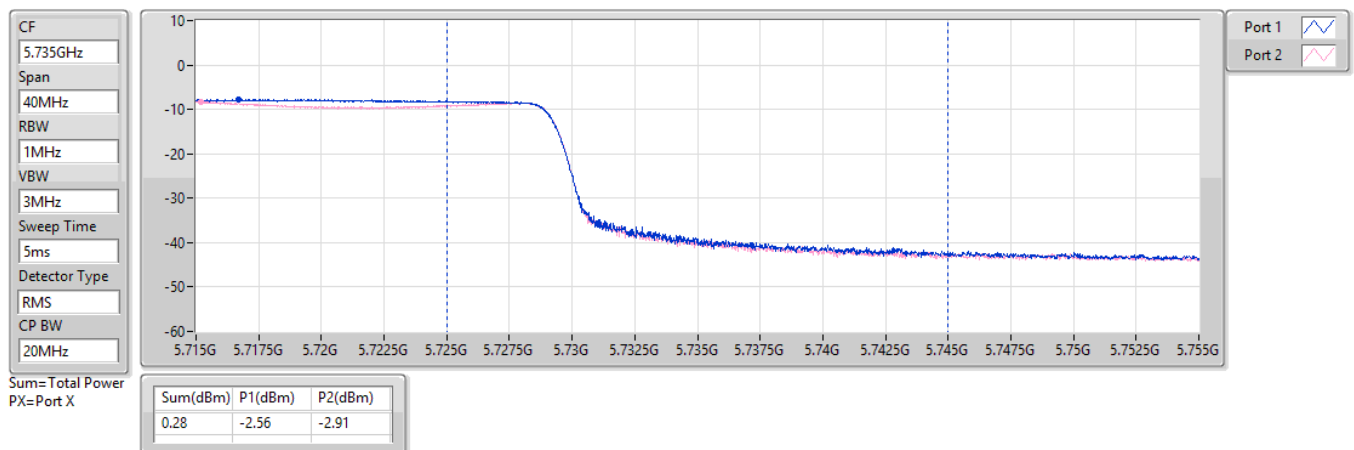
5610MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_be240_240MHz_Nss1,(MCS0)_2TX

AV Power

5610MHz Straddle 5.725-5.85GHz_TX



Beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	28.15	0.65313	32.11	1.62555
802.11be EHT40-BF_Nss1,(MCS0)_2TX	28.80	0.75858	32.76	1.88799
802.11be EHT80-BF_Nss1,(MCS0)_2TX	24.00	0.25119	27.96	0.62517
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.08	0.10186	24.04	0.25351
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	22.03	0.15959	26.70	0.46774
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.21	0.20941	27.88	0.61376
802.11be EHT80-BF_Nss1,(MCS0)_2TX	21.80	0.15136	26.47	0.44361
802.11be EHT160-BF_Nss1,(MCS0)_2TX	19.96	0.09908	24.63	0.29040
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.22	0.10520	26.29	0.42560
802.11be EHT40-BF_Nss1,(MCS0)_2TX	21.69	0.14757	27.76	0.59704
802.11be EHT80-BF_Nss1,(MCS0)_2TX	21.62	0.14521	27.69	0.58749
802.11be EHT160-BF_Nss1,(MCS0)_2TX	19.90	0.09772	25.97	0.39537
be240,BF_240MHz_Nss1,(MCS0)_2TX	18.78	0.07551	24.85	0.30549
5.85-5.895GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	25.96	0.39446	31.97	1.57398
802.11be EHT40-BF_Nss1,(MCS0)_2TX	27.25	0.53088	33.26	2.11836
802.11be EHT80-BF_Nss1,(MCS0)_2TX	27.02	0.50350	33.03	2.00909
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.91	0.12331	26.92	0.49204
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	27.31	0.53827	33.32	2.14783
802.11be EHT40-BF_Nss1,(MCS0)_2TX	27.30	0.53703	33.31	2.14289
802.11be EHT80-BF_Nss1,(MCS0)_2TX	25.95	0.39355	31.96	1.57036
be240,BF_240MHz_Nss1,(MCS0)_2TX	-1.99	0.00063	4.02	0.00252

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.96	24.12	23.41	26.79	30.00	30.75	36.00
5200MHz	Pass	3.96	25.48	24.78	28.15	30.00	32.11	36.00
5240MHz	Pass	3.96	25.09	24.45	27.79	30.00	31.75	36.00
5260MHz	Pass	4.67	19.3	18.63	21.99	24.00	26.66	30.00
5300MHz	Pass	4.67	19.4	18.57	22.02	24.00	26.69	30.00
5320MHz	Pass	4.67	19.38	18.63	22.03	24.00	26.70	30.00
5500MHz	Pass	6.07	17.55	16.84	20.22	23.93	26.29	30.00
5580MHz	Pass	6.07	17.43	16.93	20.20	23.93	26.27	30.00
5700MHz	Pass	6.07	16.84	16.87	19.87	23.93	25.94	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.07	15.32	15.84	18.60	23.14	24.67	29.21
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	9.8	9.52	12.67	29.99	18.68	36.00
5745MHz	Pass	6.01	24.04	24.54	27.31	29.99	33.32	36.00
5785MHz	Pass	6.01	24.09	24.21	27.16	29.99	33.17	36.00
5825MHz	Pass	6.01	24.15	24.17	27.17	29.99	33.18	36.00
5845MHz	Pass	6.01	22.92	22.97	25.96	30.00	31.97	36.00
5865MHz	Pass	5.59	19.84	19.75	22.81	Inf	28.40	36.00
5885MHz	Pass	5.59	19.71	19.73	22.73	Inf	28.32	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.96	21.81	21.35	24.60	30.00	28.56	36.00
5230MHz	Pass	3.96	26.17	25.38	28.80	30.00	32.76	36.00
5270MHz	Pass	4.67	20.46	19.93	23.21	24.00	27.88	30.00
5310MHz	Pass	4.67	19.1	18.28	21.72	24.00	26.39	30.00
5510MHz	Pass	6.07	18.71	18.19	21.47	23.93	27.54	30.00
5590MHz	Pass	6.07	18.76	18.6	21.69	23.93	27.76	30.00
5670MHz	Pass	6.07	18.5	18.04	21.29	23.93	27.36	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.07	17.92	17.85	20.90	23.93	26.97	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.01	7.46	7.87	10.68	29.99	16.69	36.00
5755MHz	Pass	6.01	24.12	24.45	27.30	29.99	33.31	36.00
5795MHz	Pass	6.01	24.15	24.18	27.18	29.99	33.19	36.00
5835MHz	Pass	6.01	24.22	24.25	27.25	30.00	33.26	36.00
5875MHz	Pass	5.59	23.45	23.55	26.51	Inf	32.10	36.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.96	21.25	20.71	24.00	30.00	27.96	36.00
5290MHz	Pass	4.67	19.16	18.38	21.80	24.00	26.47	30.00
5530MHz	Pass	6.07	18.83	18.37	21.62	23.93	27.69	30.00
5610MHz	Pass	6.07	18.7	18.31	21.52	23.93	27.59	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.07	18.05	18.2	21.14	23.93	27.21	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.01	3.9	4.58	7.26	29.99	13.27	36.00
5775MHz	Pass	6.01	23.08	22.8	25.95	29.99	31.96	36.00
5855MHz	Pass	6.01	24.04	23.97	27.02	30.00	33.03	36.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-



Conducted Output Power(Average) – 2T1S

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5250MHz Straddle 5.15-5.25GHz	Pass	3.96	17.38	16.73	20.08	30.00	24.04	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.67	17.28	16.6	19.96	24.00	24.63	30.00
5570MHz	Pass	6.07	17.16	16.61	19.90	23.93	25.97	30.00
5815MHz	Pass	6.01	18.06	17.74	20.91	30.00	26.92	36.00
be240,BF_240MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	6.07	16.12	15.38	18.78	23.93	24.85	30.00
5610MHz Straddle 5.725-5.85GHz	Pass	6.01	-4.83	-5.18	-1.99	29.99	4.02	36.00

DG = Directional Gain; Port X = Port X output power
Directional Gain is measured.

Total Conducted Power of Straddle Channel

Mode	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5720MHz Straddle 5.47-5.725GHz	15.32	15.84	19.59
5720MHz Straddle 5.725-5.85GHz	9.8	9.52	
802.11be EHT40-BF_Nss1,(MCS0)_2TX			
5710MHz Straddle 5.47-5.725GHz	17.92	17.85	21.29
5710MHz Straddle 5.725-5.85GHz	7.46	7.87	
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5690MHz Straddle 5.47-5.725GHz	18.05	18.2	21.31
5690MHz Straddle 5.725-5.85GHz	3.9	4.58	
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
5250MHz Straddle 5.15-5.25GHz	17.38	16.73	23.03
5250MHz Straddle 5.25-5.35GHz	17.28	16.6	
802.11be EHT240-BF_Nss1,(MCS0)_2TX	-	-	-
5610MHz Straddle 5.47-5.725GHz	16.12	15.38	18.81
5610MHz Straddle 5.725-5.85GHz	-4.83	-5.18	

Non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	28.07	0.64121	31.78	1.50661
802.11be EHT40_Nss2,(MCS0)_2TX	28.75	0.74989	32.46	1.76198
802.11be EHT80_Nss2,(MCS0)_2TX	24.74	0.29785	28.45	0.69984
802.11be EHT160_Nss2,(MCS0)_2TX	20.56	0.11376	24.27	0.26730
5.25-5.35GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	22.16	0.16444	26.28	0.42462
802.11be EHT40_Nss2,(MCS0)_2TX	23.65	0.23174	27.77	0.59841
802.11be EHT80_Nss2,(MCS0)_2TX	22.62	0.18281	26.74	0.47206
802.11be EHT160_Nss2,(MCS0)_2TX	20.48	0.11169	24.60	0.28840
5.47-5.725GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	22.04	0.15996	25.73	0.37411
802.11be EHT40_Nss2,(MCS0)_2TX	23.41	0.21928	27.10	0.51286
802.11be EHT80_Nss2,(MCS0)_2TX	23.60	0.22909	27.29	0.53580
802.11be EHT160_Nss2,(MCS0)_2TX	21.96	0.15704	25.65	0.36728
be240_240MHz_Nss2,(MCS0)_2TX	21.67	0.14689	25.36	0.34356
5.85-5.895GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	29.46	0.88308	32.87	1.93642
802.11be EHT40_Nss2,(MCS0)_2TX	29.51	0.89331	32.92	1.95884
802.11be EHT80_Nss2,(MCS0)_2TX	29.27	0.84528	32.68	1.85353
802.11be EHT160_Nss2,(MCS0)_2TX	23.83	0.24155	27.24	0.52966
5.725-5.85GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	29.45	0.88105	32.83	1.91867
802.11be EHT40_Nss2,(MCS0)_2TX	29.52	0.89536	32.90	1.94984
802.11be EHT80_Nss2,(MCS0)_2TX	27.23	0.52845	30.61	1.15080
be240_240MHz_Nss2,(MCS0)_2TX	1.05	0.00127	4.43	0.00277

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.71	24.66	24.01	27.36	30.00	31.07	36.00
5200MHz	Pass	3.71	25.21	24.75	28.00	30.00	31.71	36.00
5240MHz	Pass	3.71	25.29	24.82	28.07	30.00	31.78	36.00
5260MHz	Pass	4.12	19.41	18.76	22.11	24.00	26.23	30.00
5300MHz	Pass	4.12	19.46	18.82	22.16	24.00	26.28	30.00
5320MHz	Pass	4.12	19.47	18.78	22.15	24.00	26.27	30.00
5500MHz	Pass	3.69	19.32	18.71	22.04	24.00	25.73	30.00
5580MHz	Pass	3.69	19.28	18.75	22.03	24.00	25.72	30.00
5700MHz	Pass	3.69	18.98	19.02	22.01	24.00	25.70	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.69	17.79	17.97	20.89	23.20	24.58	29.20
5720MHz Straddle 5.725-5.85GHz	Pass	3.38	12.01	12.13	15.08	30.00	18.46	36.00
5745MHz	Pass	3.38	26.32	26.55	29.45	30.00	32.83	36.00
5785MHz	Pass	3.38	26.38	26.32	29.36	30.00	32.74	36.00
5825MHz	Pass	3.38	26.45	26.34	29.41	30.00	32.79	36.00
5845MHz	Pass	3.41	26.52	26.38	29.46	30.00	32.87	36.00
5865MHz	Pass	3.41	24.69	24.62	27.67	Inf	31.08	36.00
5885MHz	Pass	3.41	24.62	24.55	27.60	Inf	31.01	36.00
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.71	22.15	21.69	24.94	30.00	28.65	36.00
5230MHz	Pass	3.71	26.05	25.41	28.75	30.00	32.46	36.00
5270MHz	Pass	4.12	20.91	20.35	23.65	24.00	27.77	30.00
5310MHz	Pass	4.12	19.42	18.64	22.06	24.00	26.18	30.00
5510MHz	Pass	3.69	20.66	20.12	23.41	24.00	27.10	30.00
5590MHz	Pass	3.69	20.49	20.08	23.30	24.00	26.99	30.00
5670MHz	Pass	3.69	20.54	19.98	23.28	24.00	26.97	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.69	20.13	20.16	23.16	24.00	26.85	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.38	10.03	9.95	13.00	30.00	16.38	36.00
5755MHz	Pass	3.38	26.39	26.62	29.52	30.00	32.90	36.00
5795MHz	Pass	3.38	26.54	26.35	29.46	30.00	32.84	36.00
5835MHz	Pass	3.41	26.55	26.38	29.48	30.00	32.89	36.00
5875MHz	Pass	3.41	26.51	26.49	29.51	Inf	32.92	36.00
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.71	22.02	21.41	24.74	30.00	28.45	36.00
5290MHz	Pass	4.12	19.96	19.22	22.62	24.00	26.74	30.00
5530MHz	Pass	3.69	20.85	20.32	23.60	24.00	27.29	30.00
5610MHz	Pass	3.69	20.58	20.24	23.42	24.00	27.11	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.69	20.35	20.5	23.44	24.00	27.13	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.38	6.53	6.83	9.69	30.00	13.07	36.00
5775MHz	Pass	3.38	24.38	24.05	27.23	30.00	30.61	36.00
5855MHz	Pass	3.41	26.32	26.19	29.27	30.00	32.68	36.00
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5250MHz Straddle 5.15-5.25GHz	Pass	3.71	17.84	17.23	20.56	30.00	24.27	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.12	17.77	17.14	20.48	24.00	24.60	30.00
5570MHz	Pass	3.69	19.25	18.62	21.96	24.00	25.65	30.00
5815MHz	Pass	3.41	21.05	20.58	23.83	30.00	27.24	36.00
be240_240MHz_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	3.69	19.04	18.24	21.67	24.00	25.36	30.00
5610MHz Straddle 5.725-5.85GHz	Pass	3.38	-1.68	-2.26	1.05	30.00	4.43	36.00

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

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

Antenna Model	Operating Frequencies (MHz) / Antenna Gain (dBi)				
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850	5850 ~ 5895
JP887-5G-P1 (5G-1)	3.66	3.88	3.24	2.99	3.33
JP887-5G-P2-V2 (5G-2)	3.76	4.34	4.09	3.74	3.48
Directional Gain (dBi)	3.71	4.12	3.69	3.38	3.41

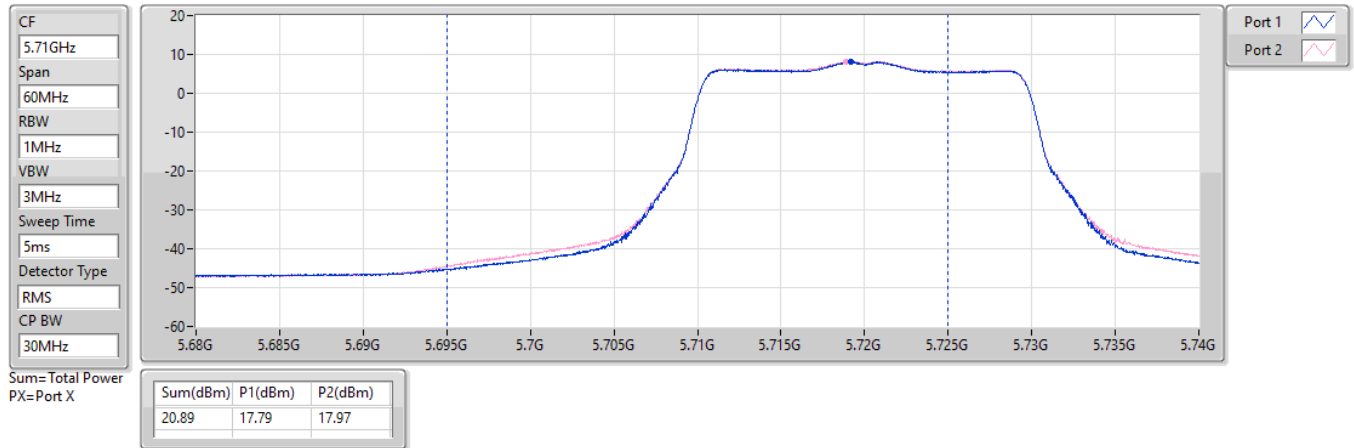
Total Conducted Power of Straddle Channel

Mode	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-
5720MHz Straddle 5.47-5.725GHz	17.79	17.97	21.90
5720MHz Straddle 5.725-5.85GHz	12.01	12.13	
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-
5710MHz Straddle 5.47-5.725GHz	20.13	20.16	23.56
5710MHz Straddle 5.725-5.85GHz	10.03	9.95	
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-
5690MHz Straddle 5.47-5.725GHz	20.35	20.5	23.62
5690MHz Straddle 5.725-5.85GHz	6.53	6.83	
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-
5250MHz Straddle 5.15-5.25GHz	17.84	17.23	23.53
5250MHz Straddle 5.25-5.35GHz	17.77	17.14	
802.11be EHT240_Nss2,(MCS0)_2TX	-	-	-
5610MHz Straddle 5.47-5.725GHz	19.04	18.24	21.71
5610MHz Straddle 5.725-5.85GHz	-1.68	-2.26	

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

AV Power

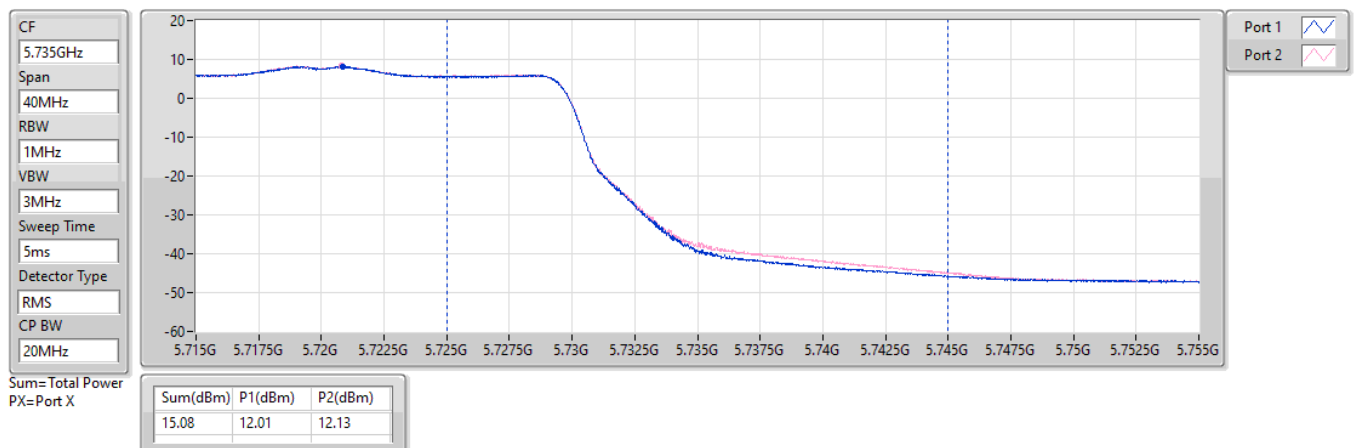
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

AV Power

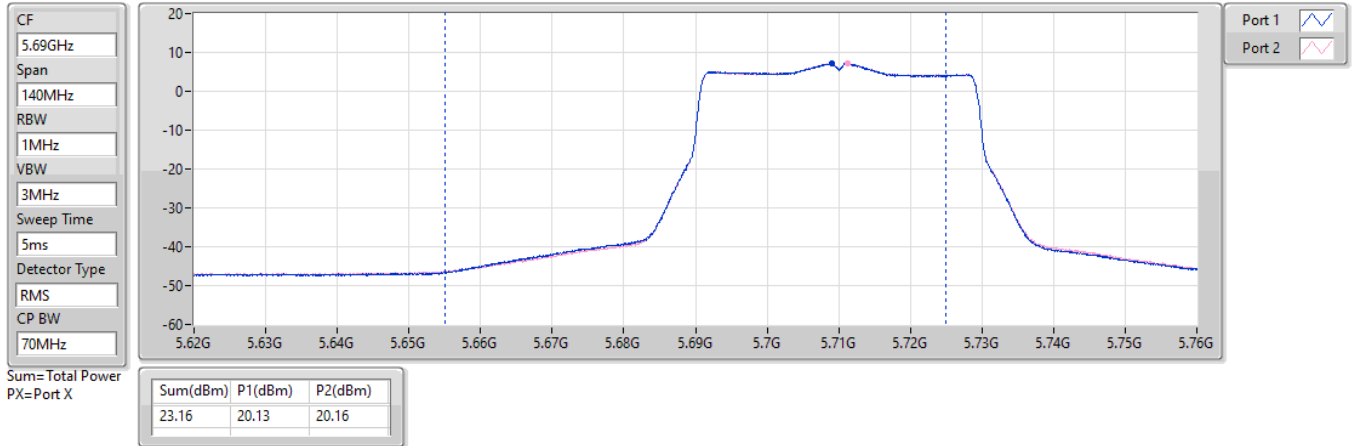
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

AV Power

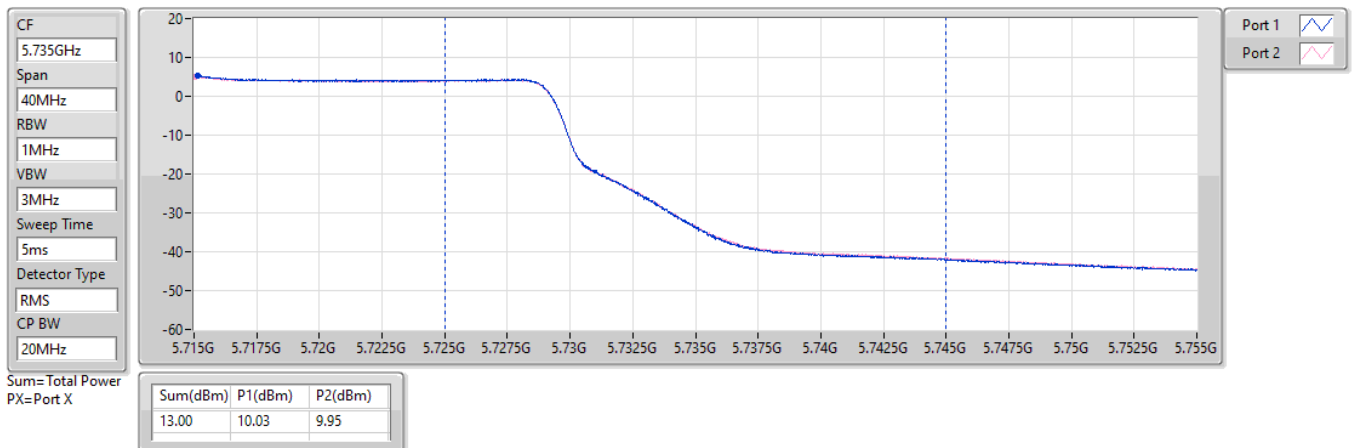
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

AV Power

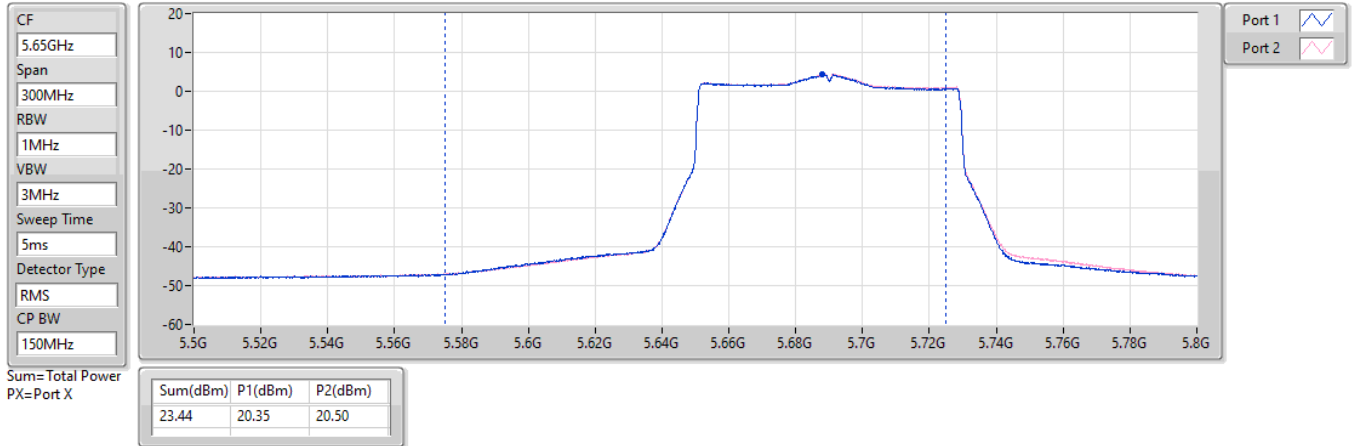
5710MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

AV Power

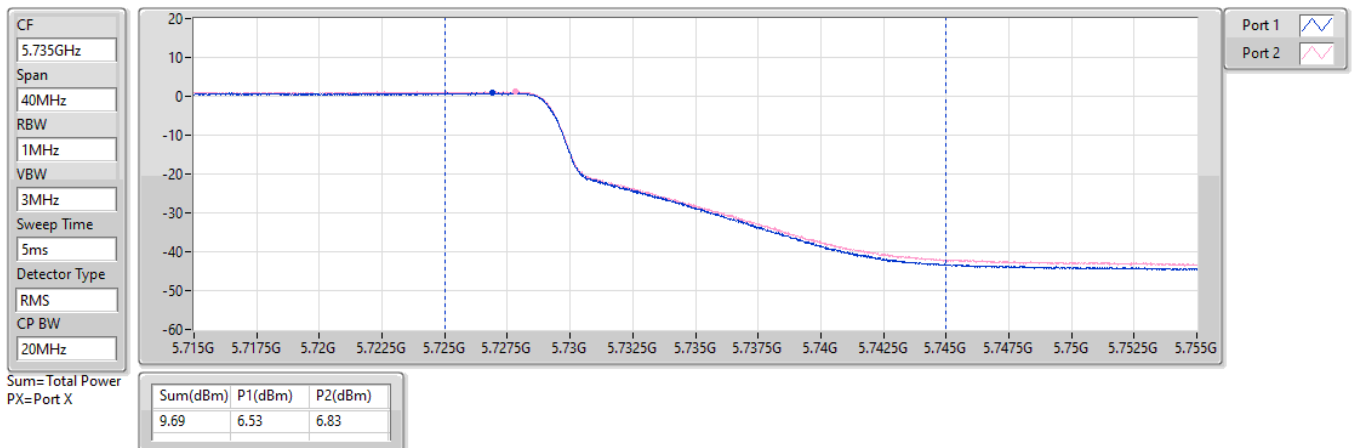
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

AV Power

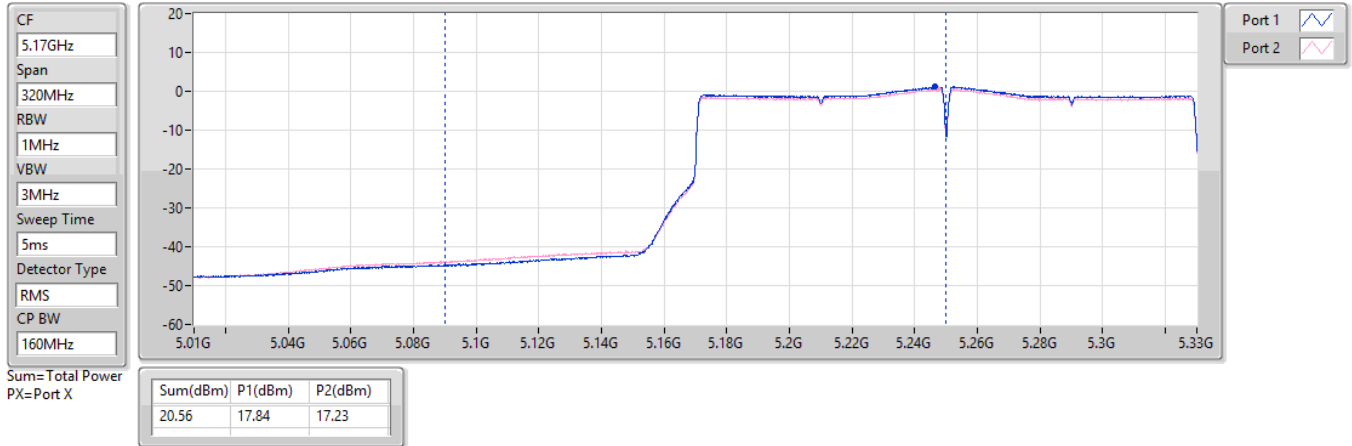
5690MHz Straddle 5.725-5.85GHz_TX



5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

AV Power

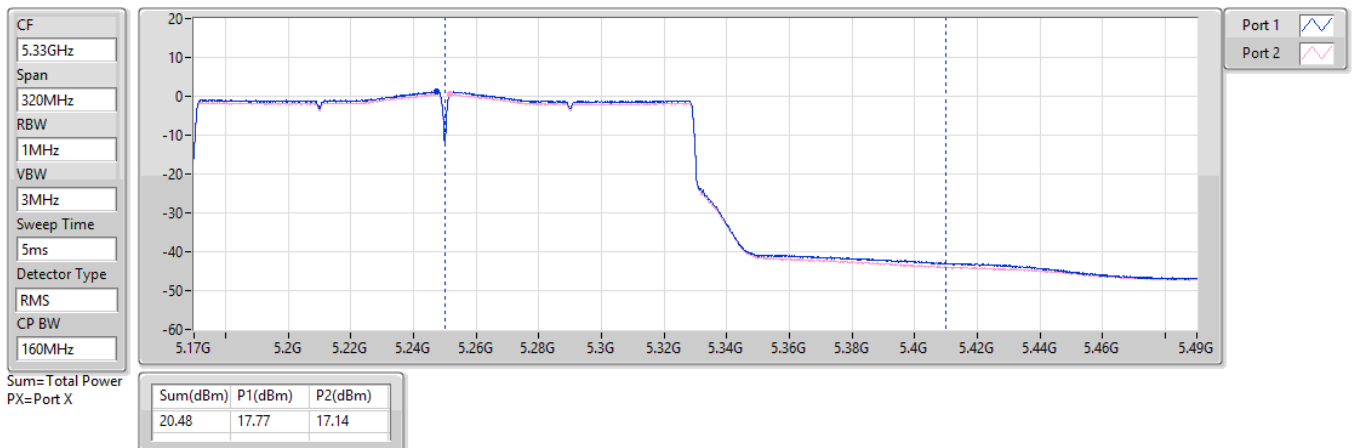
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

AV Power

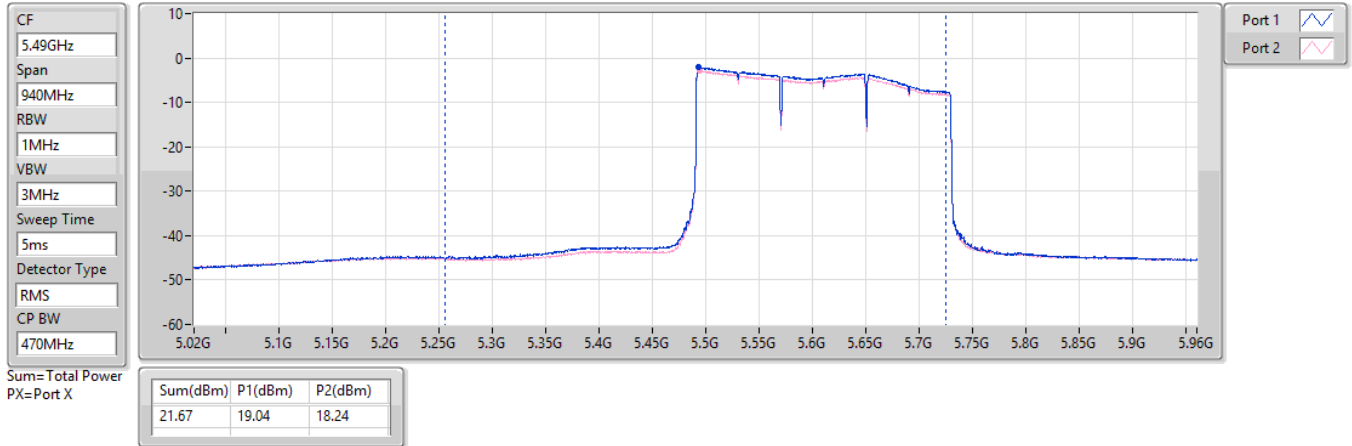
5250MHz Straddle 5.25-5.35GHz_TX



5.47-5.725GHz_be240_240MHz_Nss2,(MCS0)_2TX

AV Power

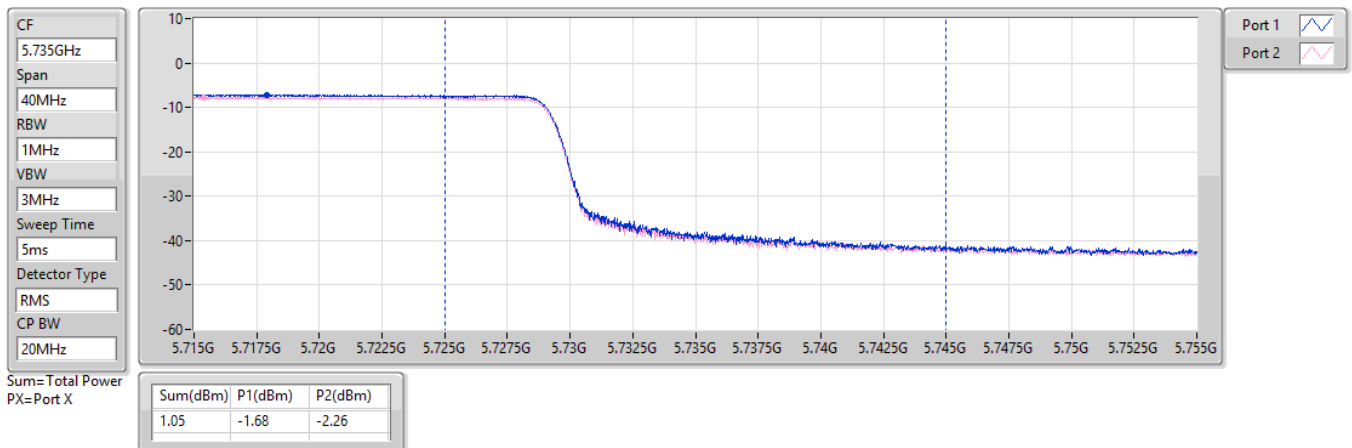
5610MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_be240_240MHz_Nss2,(MCS0)_2TX

AV Power

5610MHz Straddle 5.725-5.85GHz_TX



Beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	28.02	0.63387	31.78	1.50661
802.11be EHT40-BF_Nss2,(MCS0)_2TX	28.70	0.74131	32.46	1.76198
802.11be EHT80-BF_Nss2,(MCS0)_2TX	24.69	0.29444	28.45	0.69984
802.11be EHT160-BF_Nss2,(MCS0)_2TX	20.34	0.10814	24.10	0.25704
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	21.94	0.15631	26.28	0.42462
802.11be EHT40-BF_Nss2,(MCS0)_2TX	23.43	0.22029	27.77	0.59841
802.11be EHT80-BF_Nss2,(MCS0)_2TX	22.40	0.17378	26.74	0.47206
802.11be EHT160-BF_Nss2,(MCS0)_2TX	20.26	0.10617	24.60	0.28840
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	21.64	0.14588	25.73	0.37411
802.11be EHT40-BF_Nss2,(MCS0)_2TX	23.01	0.19999	27.10	0.51286
802.11be EHT80-BF_Nss2,(MCS0)_2TX	23.20	0.20893	27.29	0.53580
802.11be EHT160-BF_Nss2,(MCS0)_2TX	21.56	0.14322	25.65	0.36728
be240,BF_240MHz_Nss2,(MCS0)_2TX	21.27	0.13397	25.36	0.34356
5.85-5.895GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	29.10	0.81283	32.84	1.92309
802.11be EHT40-BF_Nss2,(MCS0)_2TX	29.44	0.87902	32.92	1.95884
802.11be EHT80-BF_Nss2,(MCS0)_2TX	28.91	0.77804	32.65	1.84077
802.11be EHT160-BF_Nss2,(MCS0)_2TX	23.47	0.22233	27.21	0.52602
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	29.09	0.81096	32.83	1.91867
802.11be EHT40-BF_Nss2,(MCS0)_2TX	29.16	0.82414	32.90	1.94984
802.11be EHT80-BF_Nss2,(MCS0)_2TX	26.87	0.48641	30.61	1.15080
be240,BF_240MHz_Nss2,(MCS0)_2TX	0.65	0.00116	4.39	0.00275

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.76	24.61	23.96	27.31	30.00	31.07	36.00
5200MHz	Pass	3.76	25.16	24.7	27.95	30.00	31.71	36.00
5240MHz	Pass	3.76	25.24	24.77	28.02	30.00	31.78	36.00
5260MHz	Pass	4.34	19.19	18.54	21.89	24.00	26.23	30.00
5300MHz	Pass	4.34	19.24	18.6	21.94	24.00	26.28	30.00
5320MHz	Pass	4.34	19.25	18.56	21.93	24.00	26.27	30.00
5500MHz	Pass	4.09	18.92	18.31	21.64	24.00	25.73	30.00
5580MHz	Pass	4.09	18.88	18.35	21.63	24.00	25.72	30.00
5700MHz	Pass	4.09	18.58	18.62	21.61	24.00	25.70	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.09	17.39	17.57	20.49	23.20	24.58	29.20
5720MHz Straddle 5.725-5.85GHz	Pass	3.74	11.61	11.73	14.68	30.00	18.42	36.00
5745MHz	Pass	3.74	25.96	26.19	29.09	30.00	32.83	36.00
5785MHz	Pass	3.74	26.02	25.96	29.00	30.00	32.74	36.00
5825MHz	Pass	3.74	26.09	25.98	29.05	30.00	32.79	36.00
5845MHz	Pass	3.74	26.16	26.02	29.10	30.00	32.84	36.00
5865MHz	Pass	3.48	24.62	24.55	27.60	Inf	31.08	36.00
5885MHz	Pass	3.48	24.55	24.48	27.53	Inf	31.01	36.00
802.11be EHT40-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.76	22.1	21.64	24.89	30.00	28.65	36.00
5230MHz	Pass	3.76	26	25.36	28.70	30.00	32.46	36.00
5270MHz	Pass	4.34	20.69	20.13	23.43	24.00	27.77	30.00
5310MHz	Pass	4.34	19.2	18.42	21.84	24.00	26.18	30.00
5510MHz	Pass	4.09	20.26	19.72	23.01	24.00	27.10	30.00
5590MHz	Pass	4.09	20.09	19.68	22.90	24.00	26.99	30.00
5670MHz	Pass	4.09	20.14	19.58	22.88	24.00	26.97	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.09	19.73	19.76	22.76	24.00	26.85	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.74	9.63	9.55	12.60	30.00	16.34	36.00
5755MHz	Pass	3.74	26.03	26.26	29.16	30.00	32.90	36.00
5795MHz	Pass	3.74	26.18	25.99	29.10	30.00	32.84	36.00
5835MHz	Pass	3.74	26.19	26.02	29.12	30.00	32.86	36.00
5875MHz	Pass	3.48	26.44	26.42	29.44	Inf	32.92	36.00
802.11be EHT80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.76	21.97	21.36	24.69	30.00	28.45	36.00
5290MHz	Pass	4.34	19.74	19	22.40	24.00	26.74	30.00
5530MHz	Pass	4.09	20.45	19.92	23.20	24.00	27.29	30.00
5610MHz	Pass	4.09	20.18	19.84	23.02	24.00	27.11	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.09	19.95	20.1	23.04	24.00	27.13	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.74	6.13	6.43	9.29	30.00	13.03	36.00
5775MHz	Pass	3.74	24.02	23.69	26.87	30.00	30.61	36.00
5855MHz	Pass	3.74	25.96	25.83	28.91	30.00	32.65	36.00
802.11be EHT160-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-



Conducted Output Power(Average) – 2T2S

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5250MHz Straddle 5.15-5.25GHz	Pass	3.76	17.62	17.01	20.34	30.00	24.10	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	17.55	16.92	20.26	24.00	24.60	30.00
5570MHz	Pass	4.09	18.85	18.22	21.56	24.00	25.65	30.00
5815MHz	Pass	3.74	20.69	20.22	23.47	30.00	27.21	36.00
be240,BF_240MHz_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	4.09	18.64	17.84	21.27	24.00	25.36	30.00
5610MHz Straddle 5.725-5.85GHz	Pass	3.74	-2.08	-2.66	0.65	30.00	4.39	36.00

DG = Directional Gain; Port X = Port X output power
Directional Gain is measured.

Total Conducted Power of Straddle Channel

Mode	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)
802.11be EHT20-BF_Nss2,(MCS0)_2TX	-	-	-
5720MHz Straddle 5.47-5.725GHz	17.39	17.57	21.50
5720MHz Straddle 5.725-5.85GHz	11.61	11.73	
802.11be EHT40-BF_Nss2,(MCS0)_2TX	-	-	-
5710MHz Straddle 5.47-5.725GHz	19.73	19.76	23.16
5710MHz Straddle 5.725-5.85GHz	9.63	9.55	
802.11be EHT80-BF_Nss2,(MCS0)_2TX	-	-	-
5690MHz Straddle 5.47-5.725GHz	19.95	20.1	23.22
5690MHz Straddle 5.725-5.85GHz	6.13	6.43	
802.11be EHT160-BF_Nss2,(MCS0)_2TX	-	-	-
5250MHz Straddle 5.15-5.25GHz	17.62	17.01	23.31
5250MHz Straddle 5.25-5.35GHz	17.55	16.92	
802.11be EHT240-BF_Nss2,(MCS0)_2TX	-	-	-
5610MHz Straddle 5.47-5.725GHz	18.64	17.84	21.31
5610MHz Straddle 5.725-5.85GHz	-2.08	-2.66	

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	9.84	13.80
802.11be EHT80_Nss1,(MCS0)_2TX	6.42	10.38
5.85-5.895GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	-0.74	5.27

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.96	7.25	6.42	9.84	17.00	13.80	23.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.96	4.07	3.18	6.42	17.00	10.38	23.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5815MHz	Pass	6.01	-3.58	-3.62	-0.74	Inf	5.27	20.00

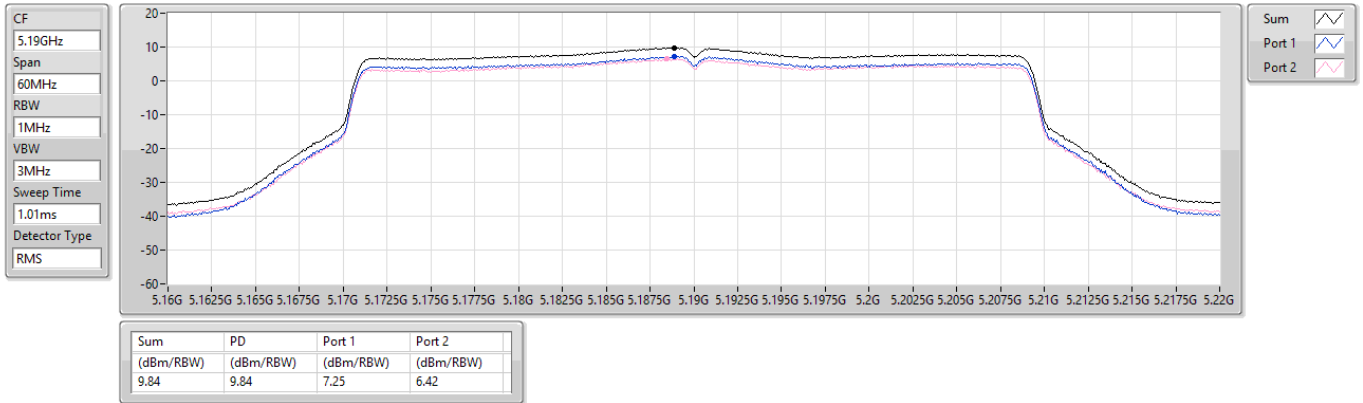
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

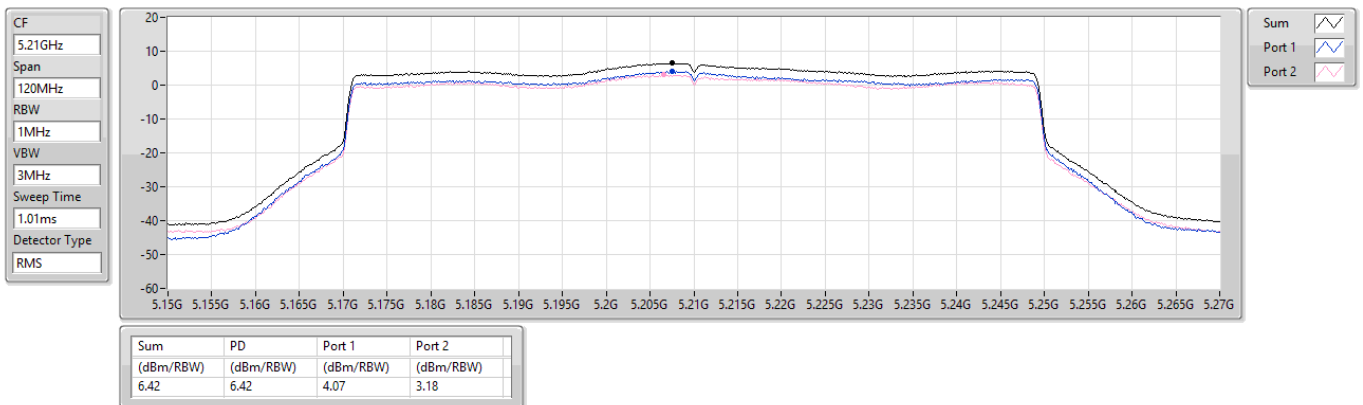
5190MHz

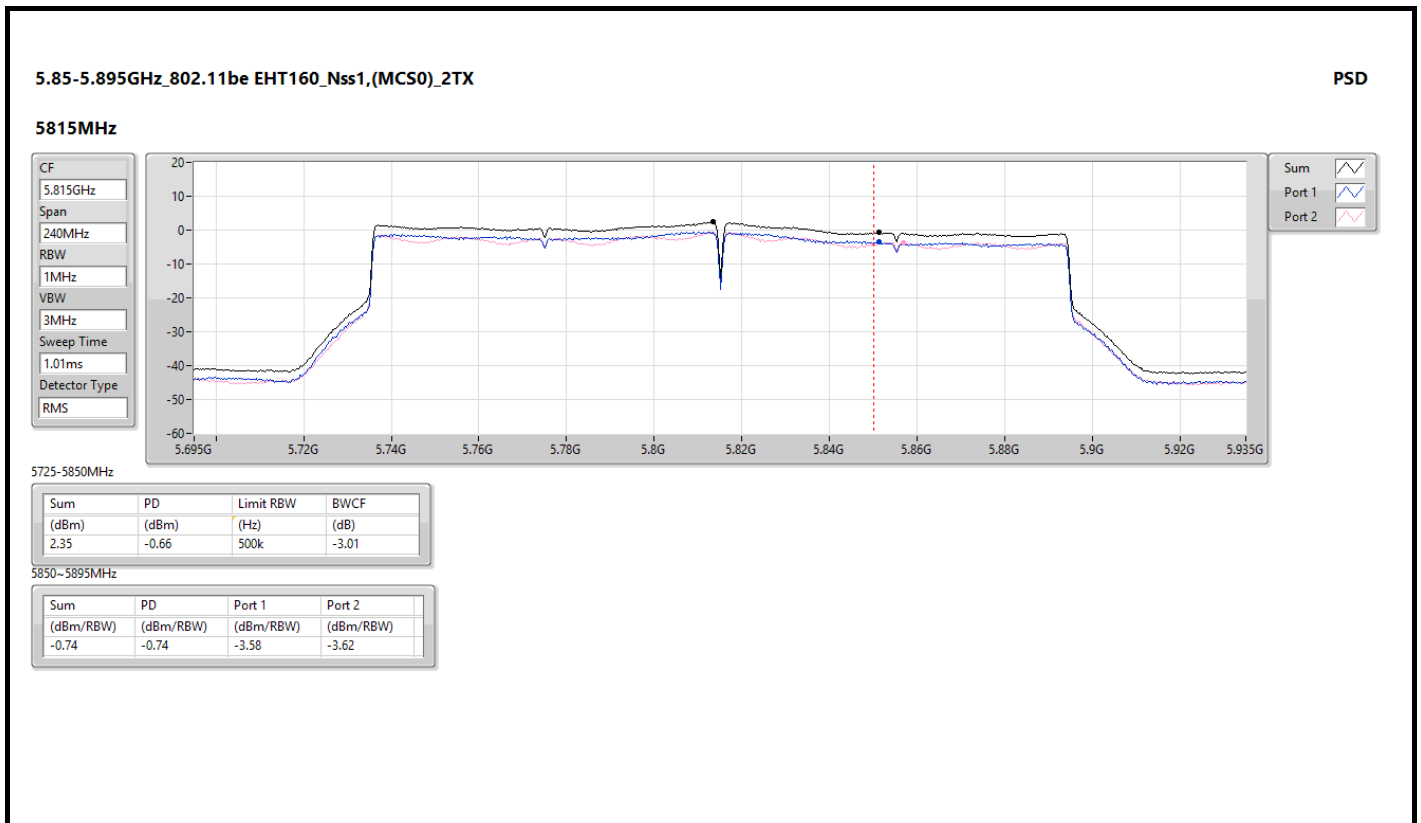


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5210MHz





**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT40_Nss2,(MCS0)_2TX	10.01	13.72
802.11be EHT80_Nss2,(MCS0)_2TX	6.70	10.41

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.71	7.33	6.84	10.01	17.00	13.72	23.00
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.71	3.98	3.40	6.70	17.00	10.41	23.00

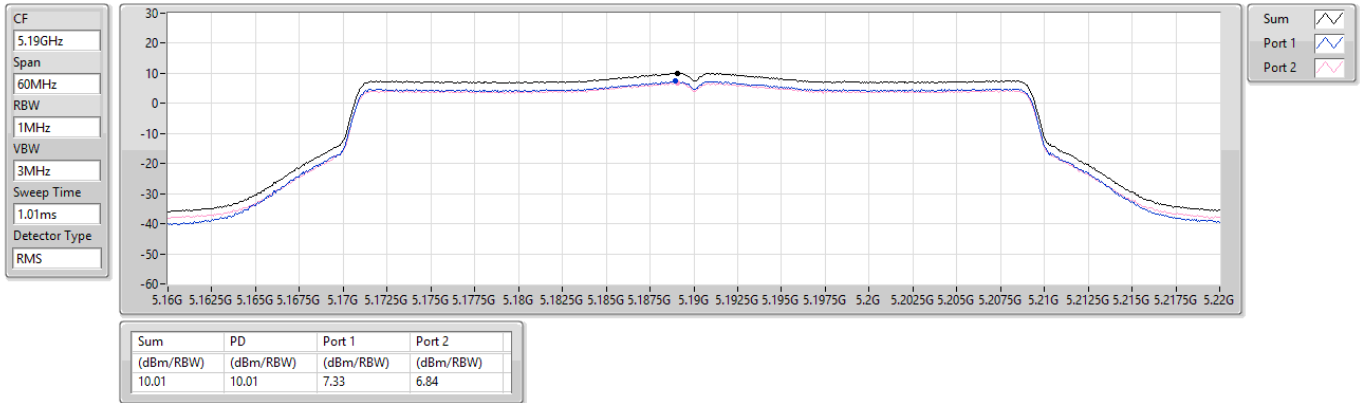
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

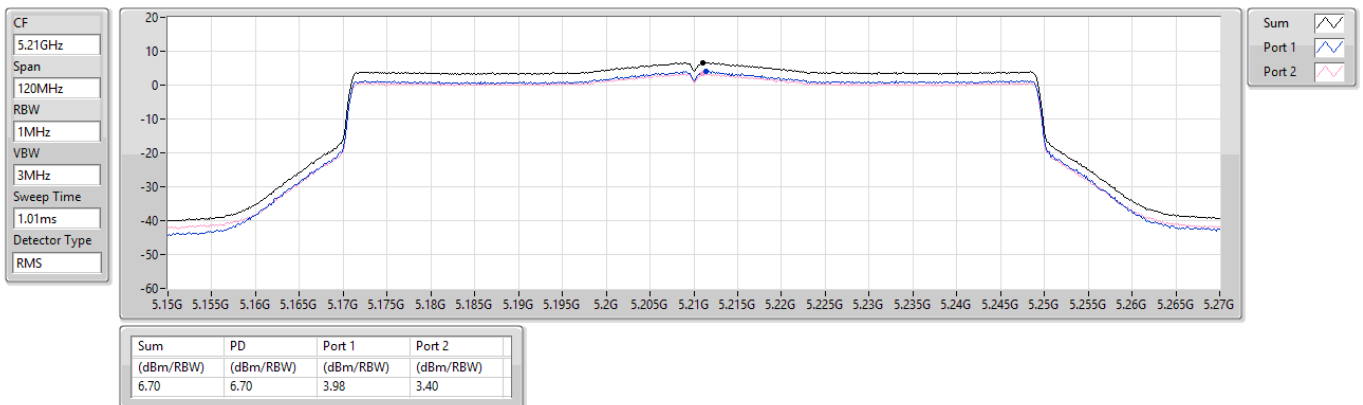
5190MHz



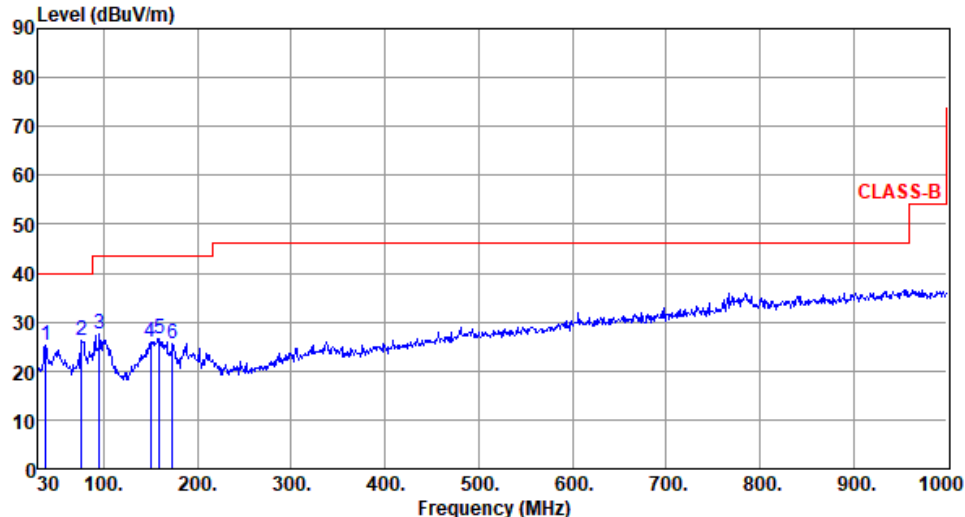
5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

PSD

5210MHz



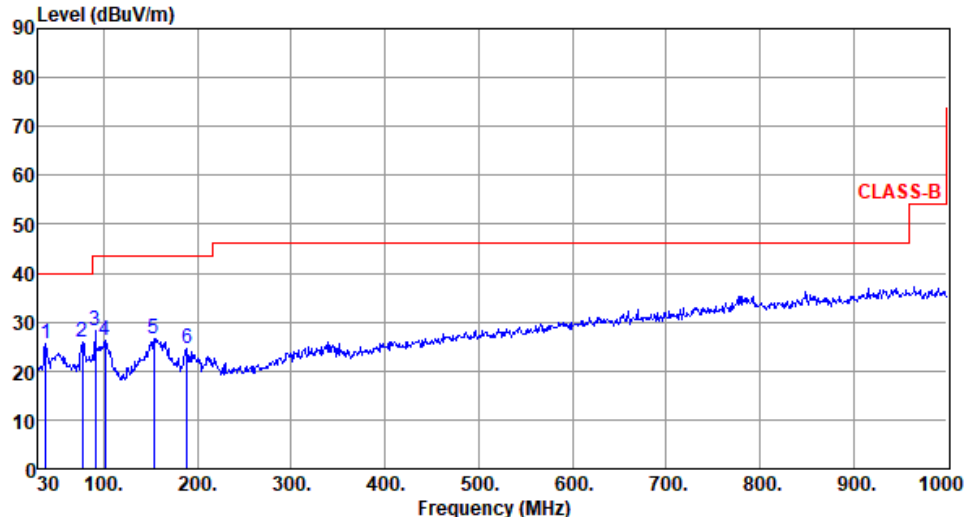
Unwanted Emissions (Below 1GHz)

Modulation	be EHT40	Test Freq. (MHz)	5230																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung Temperature(°C):25 Humidity(%):62																																																																									
Level (dBuV/m)  <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>37.76</td><td>25.11</td><td>40.00</td><td>-14.89</td><td>34.71</td><td>-9.60</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>76.56</td><td>26.37</td><td>40.00</td><td>-13.63</td><td>38.99</td><td>-12.62</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>94.99</td><td>27.66</td><td>43.50</td><td>-15.84</td><td>41.71</td><td>-14.05</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>150.28</td><td>25.98</td><td>43.50</td><td>-17.52</td><td>34.42</td><td>-8.44</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>159.01</td><td>26.67</td><td>43.50</td><td>-16.83</td><td>35.07</td><td>-8.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>173.56</td><td>25.58</td><td>43.50</td><td>-17.92</td><td>35.00</td><td>-9.42</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	37.76	25.11	40.00	-14.89	34.71	-9.60	Peak	---	---	2	76.56	26.37	40.00	-13.63	38.99	-12.62	Peak	---	---	3	94.99	27.66	43.50	-15.84	41.71	-14.05	Peak	---	---	4	150.28	25.98	43.50	-17.52	34.42	-8.44	Peak	---	---	5	159.01	26.67	43.50	-16.83	35.07	-8.40	Peak	---	---	6	173.56	25.58	43.50	-17.92	35.00	-9.42	Peak	---	---
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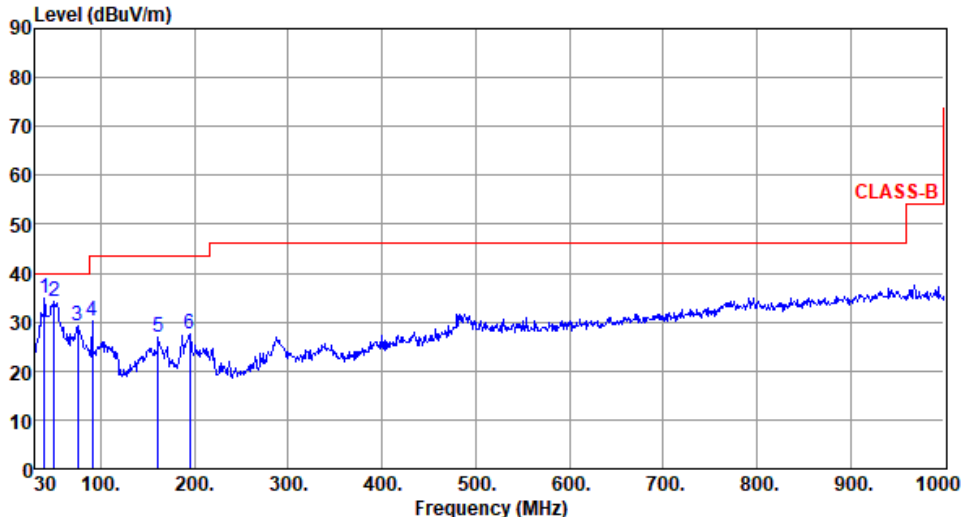


Modulation	be EHT40	Test Freq. (MHz)	5230
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):25 Humidity(%):62			
Level (dBuV/m)			

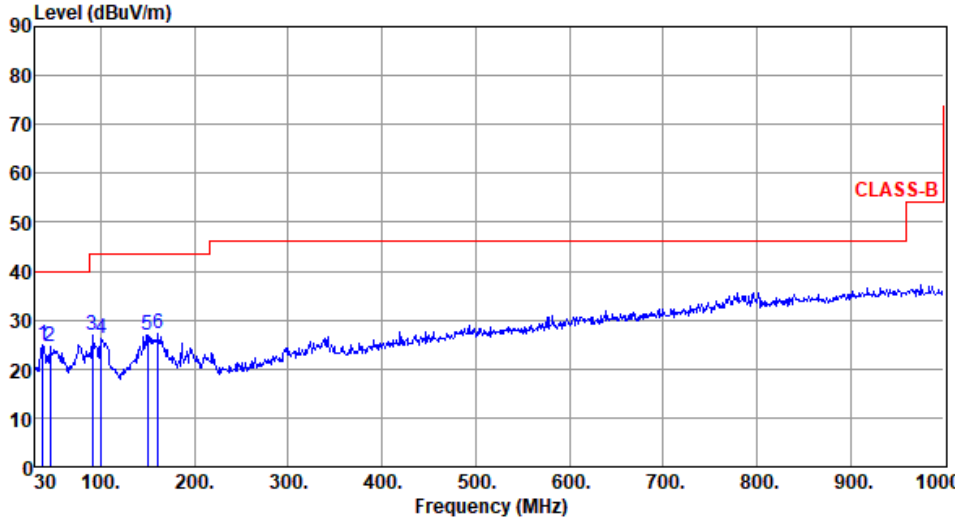


Modulation	be EHT40	Test Freq. (MHz)	5835																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung Temperature(°C):25 Humidity(%):62																																																																									
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>37.76</td><td>25.46</td><td>40.00</td><td>-14.54</td><td>35.06</td><td>-9.60</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>77.53</td><td>25.79</td><td>40.00</td><td>-14.21</td><td>38.74</td><td>-12.95</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>91.11</td><td>28.23</td><td>43.50</td><td>-15.27</td><td>42.72</td><td>-14.49</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>101.78</td><td>26.20</td><td>43.50</td><td>-17.30</td><td>39.10</td><td>-12.90</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>153.19</td><td>26.67</td><td>43.50</td><td>-16.83</td><td>35.25</td><td>-8.58</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>189.08</td><td>24.67</td><td>43.50</td><td>-18.83</td><td>35.78</td><td>-11.11</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	37.76	25.46	40.00	-14.54	35.06	-9.60	Peak	---	---	2	77.53	25.79	40.00	-14.21	38.74	-12.95	Peak	---	---	3	91.11	28.23	43.50	-15.27	42.72	-14.49	Peak	---	---	4	101.78	26.20	43.50	-17.30	39.10	-12.90	Peak	---	---	5	153.19	26.67	43.50	-16.83	35.25	-8.58	Peak	---	---	6	189.08	24.67	43.50	-18.83	35.78	-11.11	Peak	---	---
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Polarization	Vertical																																																																								
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Modulation	11a	Test Freq. (MHz)	5825																																																																						
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Modulation	11a	Test Freq. (MHz)	5825																																																																						
Polarization	Vertical																																																																								
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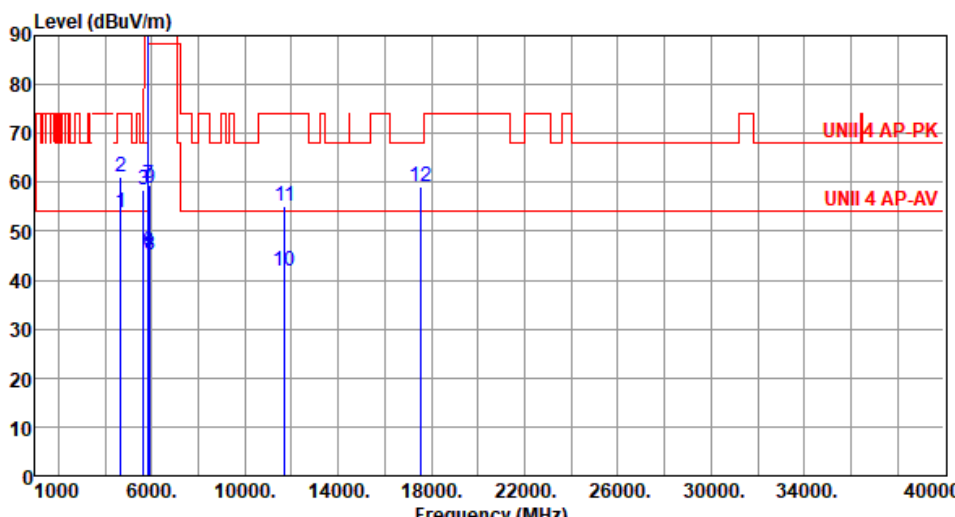
Unwanted Emissions (Above 1GHz) for 11a

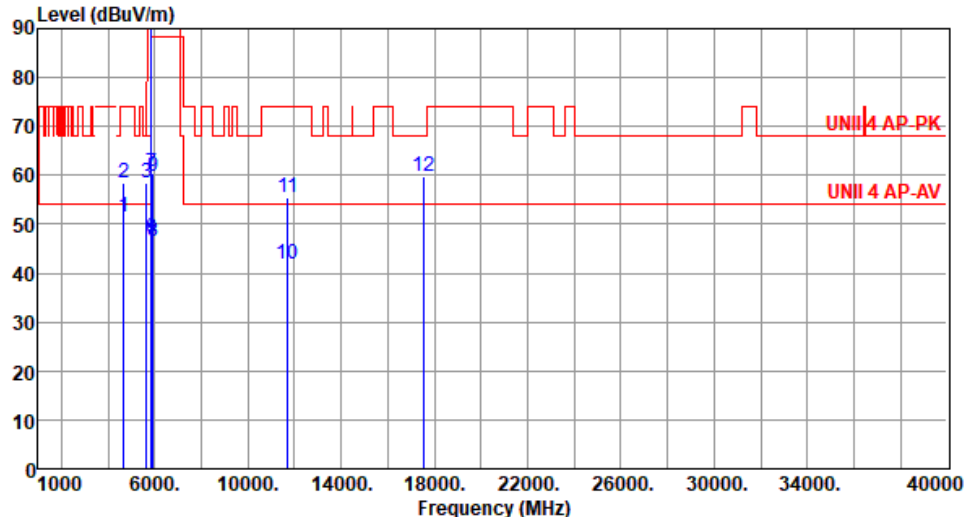
Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBuV/m) <			



Modulation	11a	Test Freq. (MHz)	5180						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.29	54.00	-0.71	52.64	0.65	Average	134	306
2	5150.00	69.49	74.00	-4.51	68.84	0.65	Peak	134	306
3 *	5180.00	110.48			109.88	0.60	Average	134	306
4 *	5180.00	120.20			119.60	0.60	Peak	134	306
5	10360.00	54.55	68.20	-13.65	46.43	8.12	Peak	100	29
6	15540.00	42.33	54.00	-11.67	37.41	4.92	Average	100	55
7	15540.00	55.68	74.00	-18.32	50.76	4.92	Peak	100	55
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	11a	Test Freq. (MHz)	5845																																																																																																																																			
Polarization	Horizontal																																																																																																																																					
Test By :Akun Chung Temperature(°C):26 Humidity(%):63																																																																																																																																						
																																																																																																																																						
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																																													
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12	17535.00	59.15	68.20	-9.05	52.49	6.66	Peak	100	56																																																																																																																													
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																																																																						

Modulation	11a	Test Freq. (MHz)	5845						
Polarization	Vertical								
Test By :Akun Chung Temperature(°C):26 Humidity(%):63									
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4676.00	51.39	54.00	-2.61	51.40	-0.01	Average	102	234
2	4676.00	58.32	74.00	-15.68	58.33	-0.01	Peak	102	234
3	5650.00	58.31	68.20	-9.89	57.65	0.66	Peak	184	328
4 *	5845.00	111.71			110.63	1.08	Average	184	328
5 *	5845.00	120.83			119.75	1.08	Peak	184	328
6	5895.00	47.16	110.20	-63.04	45.78	1.38	Average	184	328
7	5895.00	60.47	130.20	-69.73	59.09	1.38	Peak	184	328
8	5925.00	46.56	88.20	-41.64	45.12	1.44	Average	184	328
9	5925.00	59.69	108.20	-48.51	58.25	1.44	Peak	184	328
10	11690.00	41.77	54.00	-12.23	33.83	7.94	Average	100	21
11	11690.00	55.55	74.00	-18.45	47.61	7.94	Peak	100	21
12	17535.00	59.91	68.20	-8.29	53.25	6.66	Peak	100	15

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



Unwanted Emissions (Above 1GHz) for be EHT20

Modulation	be EHT20		Test Freq. (MHz)		5180																																																																																																								
Polarization	Horizontal																																																																																																												
Test By :Brad Wu			Temperature(°C):23			Humidity(%):66																																																																																																							
Level (dBuV/m) <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>5150.00</td><td>53.43</td><td>54.00</td><td>-0.57</td><td>52.78</td><td>0.65</td><td>Average</td><td>302</td><td>126</td></tr><tr><td>2</td><td>5150.00</td><td>68.40</td><td>74.00</td><td>-5.60</td><td>67.75</td><td>0.65</td><td>Peak</td><td>302</td><td>126</td></tr><tr><td>3 *</td><td>5180.00</td><td>109.62</td><td></td><td></td><td>109.02</td><td>0.60</td><td>Average</td><td>100</td><td>126</td></tr><tr><td>4 *</td><td>5180.00</td><td>121.69</td><td></td><td></td><td>121.09</td><td>0.60</td><td>Peak</td><td>100</td><td>126</td></tr><tr><td>5</td><td>10360.00</td><td>53.89</td><td>68.20</td><td>-14.31</td><td>45.77</td><td>8.12</td><td>Peak</td><td>100</td><td>26</td></tr><tr><td>6</td><td>15540.00</td><td>41.85</td><td>54.00</td><td>-12.15</td><td>36.93</td><td>4.92</td><td>Average</td><td>100</td><td>32</td></tr><tr><td>7</td><td>15540.00</td><td>55.56</td><td>74.00</td><td>-18.44</td><td>50.64</td><td>4.92</td><td>Peak</td><td>100</td><td>32</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	5150.00	53.43	54.00	-0.57	52.78	0.65	Average	302	126	2	5150.00	68.40	74.00	-5.60	67.75	0.65	Peak	302	126	3 *	5180.00	109.62			109.02	0.60	Average	100	126	4 *	5180.00	121.69			121.09	0.60	Peak	100	126	5	10360.00	53.89	68.20	-14.31	45.77	8.12	Peak	100	26	6	15540.00	41.85	54.00	-12.15	36.93	4.92	Average	100	32	7	15540.00	55.56	74.00	-18.44	50.64	4.92	Peak	100	32
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																				
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		dBuV/m			dBuV			cm	deg																																																																																																				
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																																													



Modulation	be EHT20	Test Freq. (MHz)	5180						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.37	54.00	-1.63	51.72	0.65	Average	145	295
2	5150.00	68.03	74.00	-5.97	67.38	0.65	Peak	145	295
3 *	5180.00	109.44			108.84	0.60	Average	145	317
4 *	5180.00	121.18			120.58	0.60	Peak	145	317
5	10360.00	54.48	68.20	-13.72	46.36	8.12	Peak	100	31
6	15540.00	42.26	54.00	-11.74	37.34	4.92	Average	100	42
7	15540.00	55.64	74.00	-18.36	50.72	4.92	Peak	100	42
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).									



Modulation	be EHT20	Test Freq. (MHz)	5700																																																																																										
Polarization	Horizontal																																																																																												
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																													
Level (dBuV/m) <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>5700.00</td><td>103.54</td><td></td><td></td><td>102.64</td><td>0.90</td><td>Average</td><td>189</td><td>220</td></tr><tr><td>2</td><td>5700.00</td><td>115.85</td><td></td><td></td><td>114.95</td><td>0.90</td><td>Peak</td><td>189</td><td>220</td></tr><tr><td>3</td><td>5725.00</td><td>64.08</td><td>68.20</td><td>-4.12</td><td>63.13</td><td>0.95</td><td>Peak</td><td>189</td><td>220</td></tr><tr><td>4</td><td>11400.00</td><td>42.41</td><td>54.00</td><td>-11.59</td><td>34.35</td><td>8.06</td><td>Average</td><td>100</td><td>39</td></tr><tr><td>5</td><td>11400.00</td><td>54.67</td><td>74.00</td><td>-19.33</td><td>46.61</td><td>8.06</td><td>Peak</td><td>100</td><td>39</td></tr><tr><td>6</td><td>17100.00</td><td>57.96</td><td>68.20</td><td>-10.24</td><td>52.19</td><td>5.77</td><td>Peak</td><td>100</td><td>26</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	5700.00	103.54			102.64	0.90	Average	189	220	2	5700.00	115.85			114.95	0.90	Peak	189	220	3	5725.00	64.08	68.20	-4.12	63.13	0.95	Peak	189	220	4	11400.00	42.41	54.00	-11.59	34.35	8.06	Average	100	39	5	11400.00	54.67	74.00	-19.33	46.61	8.06	Peak	100	39	6	17100.00	57.96	68.20	-10.24	52.19	5.77	Peak	100	26
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																				
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Modulation	be EHT20	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBuV/m)			

Unwanted Emissions (Above 1GHz) for be EHT40

Modulation	be EHT40	Test Freq. (MHz)	5190
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBuV/m)			

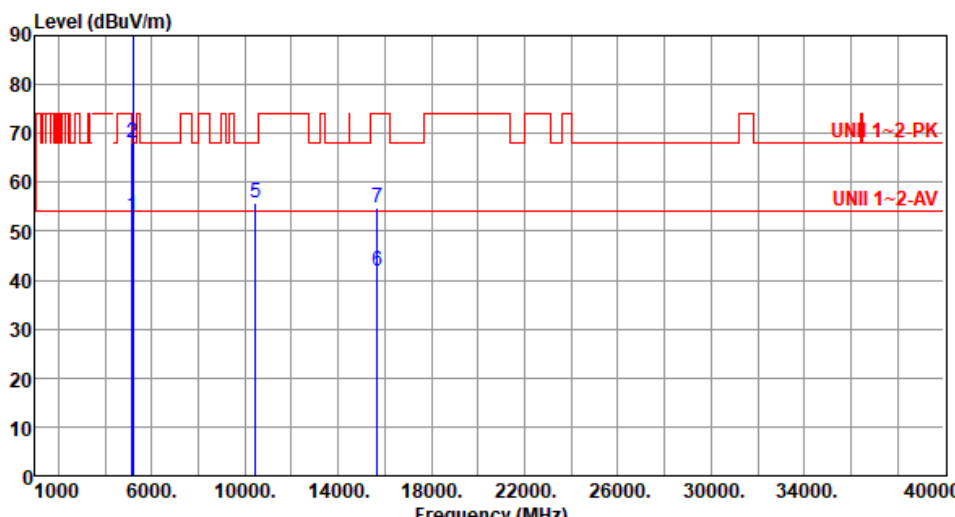


Modulation	be EHT40	Test Freq. (MHz)	5190
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) <			



Modulation	be EHT40	Test Freq. (MHz)	5230																																																																																
Polarization	Horizontal																																																																																		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																			
Level (dBUV/m) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>53.79</td><td>54.00</td><td>-0.21</td><td>53.14</td><td>0.65</td><td>Average</td><td>100</td><td>149</td></tr><tr><td>2</td><td>5150.00</td><td>69.57</td><td>74.00</td><td>-4.43</td><td>68.92</td><td>0.65</td><td>Peak</td><td>100</td><td>149</td></tr><tr><td>3 *</td><td>5230.00</td><td>108.97</td><td></td><td></td><td>108.58</td><td>0.39</td><td>Average</td><td>100</td><td>128</td></tr><tr><td>4 *</td><td>5230.00</td><td>121.62</td><td></td><td></td><td>121.23</td><td>0.39</td><td>Peak</td><td>100</td><td>128</td></tr><tr><td>5</td><td>10460.00</td><td>55.12</td><td>68.20</td><td>-13.08</td><td>46.58</td><td>8.54</td><td>Peak</td><td>100</td><td>49</td></tr><tr><td>6</td><td>15690.00</td><td>41.98</td><td>54.00</td><td>-12.02</td><td>37.12</td><td>4.86</td><td>Average</td><td>100</td><td>27</td></tr><tr><td>7</td><td>15690.00</td><td>55.15</td><td>74.00</td><td>-18.85</td><td>50.29</td><td>4.86</td><td>Peak</td><td>100</td><td>27</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	53.79	54.00	-0.21	53.14	0.65	Average	100	149	2	5150.00	69.57	74.00	-4.43	68.92	0.65	Peak	100	149	3 *	5230.00	108.97			108.58	0.39	Average	100	128	4 *	5230.00	121.62			121.23	0.39	Peak	100	128	5	10460.00	55.12	68.20	-13.08	46.58	8.54	Peak	100	49	6	15690.00	41.98	54.00	-12.02	37.12	4.86	Average	100	27	7	15690.00	55.15	74.00	-18.85	50.29	4.86	Peak	100	27
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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7	15690.00	55.15	74.00	-18.85	50.29	4.86	Peak	100	27																																																																										
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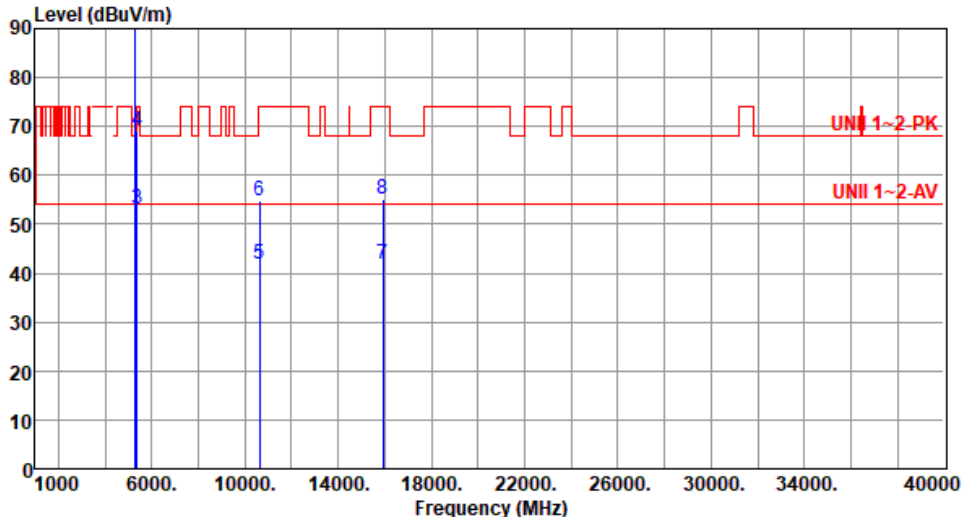
Modulation	be EHT40	Test Freq. (MHz)	5230						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.28	54.00	-0.72	52.63	0.65	Average	100	30
2	5150.00	68.06	74.00	-5.94	67.41	0.65	Peak	100	30
3 *	5230.00	108.54			108.15	0.39	Average	136	2
4 *	5230.00	121.49			121.10	0.39	Peak	136	2
5	10460.00	55.88	68.20	-12.32	47.34	8.54	Peak	100	33
6	15690.00	41.78	54.00	-12.22	36.92	4.86	Average	100	21
7	15690.00	54.76	74.00	-19.24	49.90	4.86	Peak	100	21

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

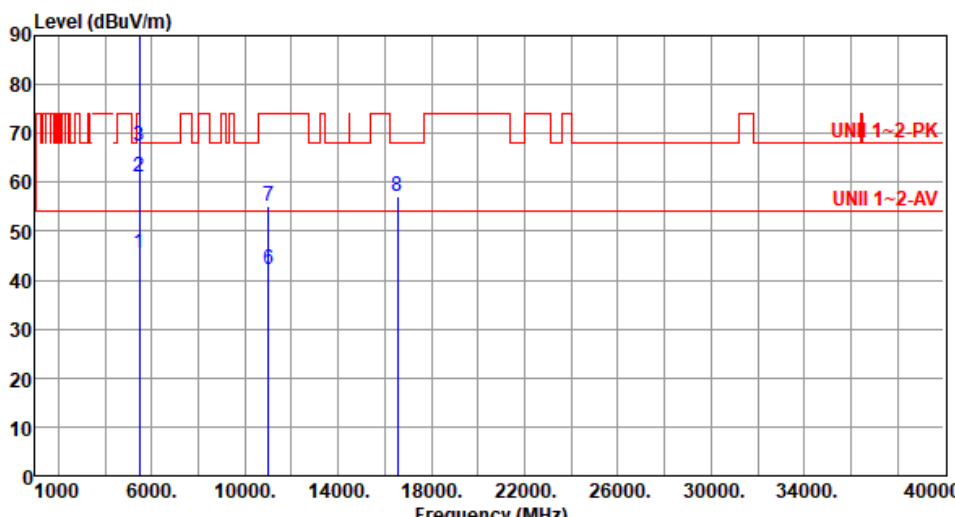


Modulation	be EHT40	Test Freq. (MHz)	5310
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m)			



Modulation	be EHT40		Test Freq. (MHz)		5310																																																																																																																		
Polarization	Vertical																																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																																							
Level (dBuV/m)  <table><thead><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></thead><tbody><tr><td>1</td><td>*</td><td>5310.00</td><td>101.58</td><td></td><td>101.38</td><td>0.20</td><td>Average</td><td>116</td><td>358</td></tr><tr><td>2</td><td>*</td><td>5310.00</td><td>114.06</td><td></td><td>113.86</td><td>0.20</td><td>Peak</td><td>116</td><td>358</td></tr><tr><td>3</td><td></td><td>5350.00</td><td>53.16</td><td>54.00</td><td>53.02</td><td>0.14</td><td>Average</td><td>116</td><td>358</td></tr><tr><td>4</td><td></td><td>5350.00</td><td>68.92</td><td>74.00</td><td>68.78</td><td>0.14</td><td>Peak</td><td>116</td><td>358</td></tr><tr><td>5</td><td></td><td>10620.00</td><td>41.71</td><td>54.00</td><td>33.34</td><td>8.37</td><td>Average</td><td>100</td><td>5</td></tr><tr><td>6</td><td></td><td>10620.00</td><td>54.77</td><td>74.00</td><td>46.40</td><td>8.37</td><td>Peak</td><td>100</td><td>5</td></tr><tr><td>7</td><td></td><td>15930.00</td><td>41.74</td><td>54.00</td><td>37.09</td><td>4.65</td><td>Average</td><td>100</td><td>11</td></tr><tr><td>8</td><td></td><td>15930.00</td><td>55.19</td><td>74.00</td><td>50.54</td><td>4.65</td><td>Peak</td><td>100</td><td>11</td></tr></tbody></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	*	5310.00	101.58		101.38	0.20	Average	116	358	2	*	5310.00	114.06		113.86	0.20	Peak	116	358	3		5350.00	53.16	54.00	53.02	0.14	Average	116	358	4		5350.00	68.92	74.00	68.78	0.14	Peak	116	358	5		10620.00	41.71	54.00	33.34	8.37	Average	100	5	6		10620.00	54.77	74.00	46.40	8.37	Peak	100	5	7		15930.00	41.74	54.00	37.09	4.65	Average	100	11	8		15930.00	55.19	74.00	50.54	4.65	Peak	100	11
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																														
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Modulation	be EHT40	Test Freq. (MHz)	5510						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	45.49	54.00	-8.51	44.99	0.50	Average	100	130
2	5460.00	61.13	74.00	-12.87	60.63	0.50	Peak	100	130
3	5470.00	67.56	68.20	-0.64	67.04	0.52	Peak	100	130
4 *	5510.00	101.05			100.48	0.57	Average	100	130
5 *	5510.00	114.49			113.92	0.57	Peak	100	130
6	11020.00	42.14	54.00	-11.86	33.57	8.57	Average	100	44
7	11020.00	55.02	74.00	-18.98	46.45	8.57	Peak	100	44
8	16530.00	57.17	68.20	-11.03	51.13	6.04	Peak	100	39
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).									



Modulation	be EHT40		Test Freq. (MHz)		5510																																																																																																																		
Polarization	Vertical																																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																																							
Level (dBuV/m) Frequency (MHz) <table><thead><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>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>46.63</td><td>54.00</td><td>-7.37</td><td>46.13</td><td>0.50</td><td>Average</td><td>152</td><td>189</td></tr><tr><td>2</td><td>5460.00</td><td>62.03</td><td>74.00</td><td>-11.97</td><td>61.53</td><td>0.50</td><td>Peak</td><td>152</td><td>189</td></tr><tr><td>3</td><td>5470.00</td><td>68.07</td><td>68.20</td><td>-0.13</td><td>67.55</td><td>0.52</td><td>Peak</td><td>152</td><td>189</td></tr><tr><td>4 *</td><td>5510.00</td><td>103.45</td><td></td><td></td><td>102.88</td><td>0.57</td><td>Average</td><td>152</td><td>189</td></tr><tr><td>5 *</td><td>5510.00</td><td>115.89</td><td></td><td></td><td>115.32</td><td>0.57</td><td>Peak</td><td>152</td><td>189</td></tr><tr><td>6</td><td>11020.00</td><td>42.42</td><td>54.00</td><td>-11.58</td><td>33.85</td><td>8.57</td><td>Average</td><td>100</td><td>18</td></tr><tr><td>7</td><td>11020.00</td><td>54.14</td><td>74.00</td><td>-19.86</td><td>45.57</td><td>8.57</td><td>Peak</td><td>100</td><td>18</td></tr><tr><td>8</td><td>16530.00</td><td>57.32</td><td>68.20</td><td>-10.88</td><td>51.28</td><td>6.04</td><td>Peak</td><td>100</td><td>26</td></tr></tbody></table>											Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	5460.00	46.63	54.00	-7.37	46.13	0.50	Average	152	189	2	5460.00	62.03	74.00	-11.97	61.53	0.50	Peak	152	189	3	5470.00	68.07	68.20	-0.13	67.55	0.52	Peak	152	189	4 *	5510.00	103.45			102.88	0.57	Average	152	189	5 *	5510.00	115.89			115.32	0.57	Peak	152	189	6	11020.00	42.42	54.00	-11.58	33.85	8.57	Average	100	18	7	11020.00	54.14	74.00	-19.86	45.57	8.57	Peak	100	18	8	16530.00	57.32	68.20	-10.88	51.28	6.04	Peak	100	26
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																														
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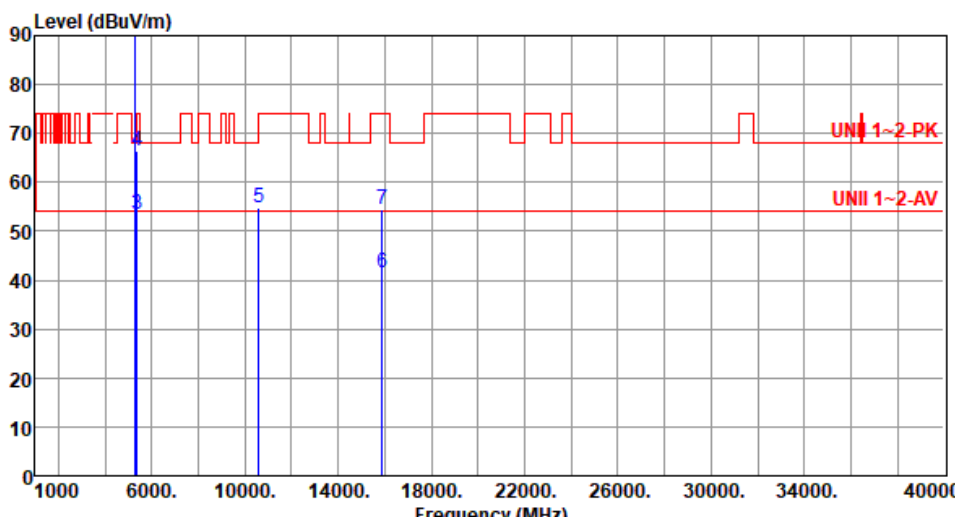
Unwanted Emissions (Above 1GHz) for be EHT80

Modulation	be EHT80	Test Freq. (MHz)	5210
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m)			



Modulation	be EHT80	Test Freq. (MHz)	5210						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.29	54.00	-0.71	52.64	0.65	Average	139	8
2	5150.00	68.49	74.00	-5.51	67.84	0.65	Peak	139	8
3 *	5210.00	101.68			101.18	0.50	Average	139	8
4 *	5210.00	114.37			113.87	0.50	Peak	139	8
5	10420.00	54.00	68.20	-14.20	45.50	8.50	Peak	100	123
6	15630.00	41.92	54.00	-12.08	37.26	4.66	Average	100	281
7	15630.00	55.83	74.00	-18.17	51.17	4.66	Peak	100	281
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).									



Modulation	be EHT80	Test Freq. (MHz)	5290						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
									
	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 *	5290.00	98.57			98.35	0.22	Average	100	128
2 *	5290.00	111.90			111.68	0.22	Peak	100	128
3	5350.00	53.42	54.00	-0.58	53.28	0.14	Average	100	128
4	5350.00	66.40	74.00	-7.60	66.26	0.14	Peak	100	128
5	10580.00	54.68	68.20	-13.52	46.39	8.29	Peak	100	8
6	15870.00	41.60	54.00	-12.40	36.99	4.61	Average	100	24
7	15870.00	54.53	74.00	-19.47	49.92	4.61	Peak	100	24

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

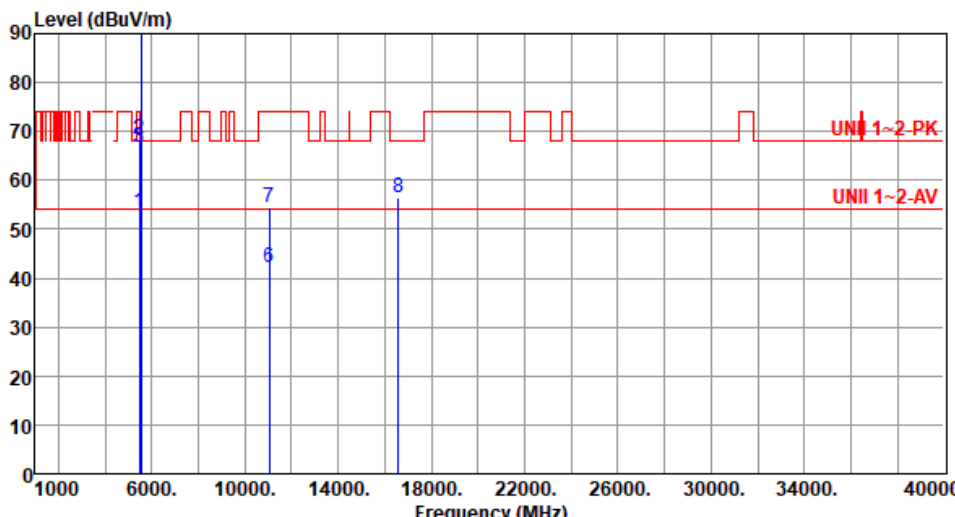


Modulation	be EHT80	Test Freq. (MHz)	5290																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																							
Level (dBuV/m) Frequency (MHz) <table><thead><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></thead><tbody><tr><td>1 *</td><td>5290.00</td><td>99.41</td><td></td><td></td><td>99.19</td><td>0.22</td><td>Average</td><td>136</td><td>8</td></tr><tr><td>2 *</td><td>5290.00</td><td>112.37</td><td></td><td></td><td>112.15</td><td>0.22</td><td>Peak</td><td>136</td><td>8</td></tr><tr><td>3</td><td>5350.00</td><td>52.11</td><td>54.00</td><td>-1.89</td><td>51.97</td><td>0.14</td><td>Average</td><td>136</td><td>8</td></tr><tr><td>4</td><td>5350.00</td><td>65.69</td><td>74.00</td><td>-8.31</td><td>65.55</td><td>0.14</td><td>Peak</td><td>136</td><td>8</td></tr><tr><td>5</td><td>10580.00</td><td>54.75</td><td>68.20</td><td>-13.45</td><td>46.46</td><td>8.29</td><td>Peak</td><td>100</td><td>32</td></tr><tr><td>6</td><td>15870.00</td><td>41.65</td><td>54.00</td><td>-12.35</td><td>37.04</td><td>4.61</td><td>Average</td><td>100</td><td>16</td></tr><tr><td>7</td><td>15870.00</td><td>54.44</td><td>74.00</td><td>-19.56</td><td>49.83</td><td>4.61</td><td>Peak</td><td>100</td><td>16</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.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1 *	5290.00	99.41			99.19	0.22	Average	136	8	2 *	5290.00	112.37			112.15	0.22	Peak	136	8	3	5350.00	52.11	54.00	-1.89	51.97	0.14	Average	136	8	4	5350.00	65.69	74.00	-8.31	65.55	0.14	Peak	136	8	5	10580.00	54.75	68.20	-13.45	46.46	8.29	Peak	100	32	6	15870.00	41.65	54.00	-12.35	37.04	4.61	Average	100	16	7	15870.00	54.44	74.00	-19.56	49.83	4.61	Peak	100	16
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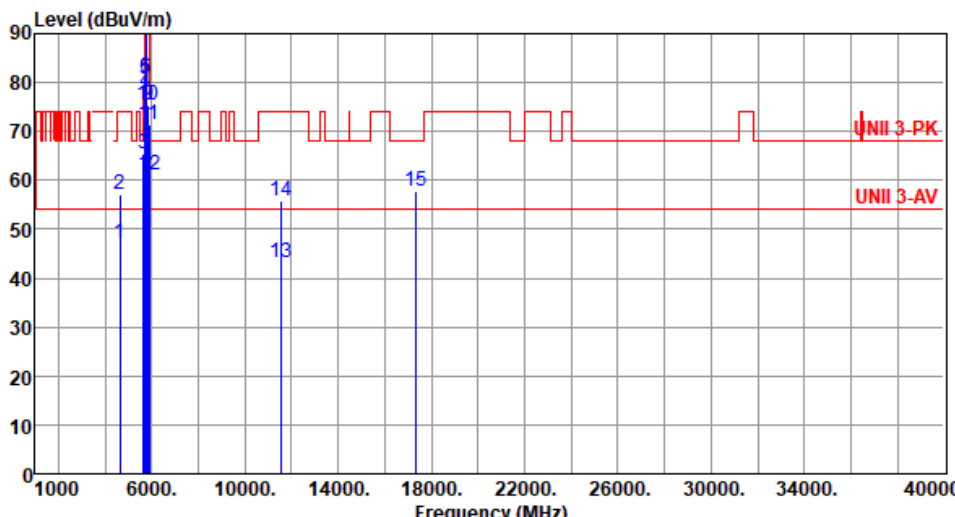


Modulation	be EHT80	Test Freq. (MHz)	5530
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) <			



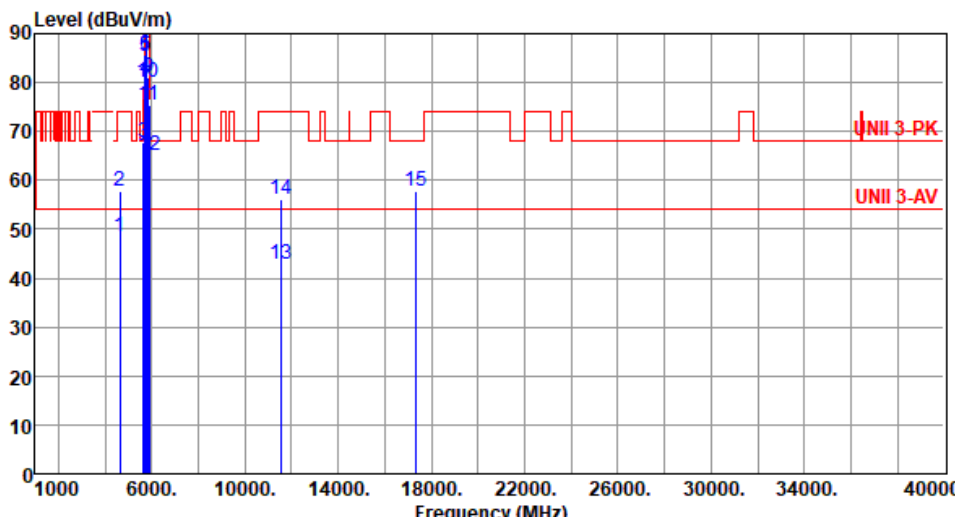
Modulation	be EHT80	Test Freq. (MHz)	5530																																																																																										
Polarization	Vertical																																																																																												
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																													
Level (dBUV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>53.59</td><td>54.00</td><td>-0.41</td><td>53.09</td><td>0.50</td><td>Average</td><td>120</td><td>308</td></tr><tr><td>2</td><td>5460.00</td><td>68.32</td><td>74.00</td><td>-5.68</td><td>67.82</td><td>0.50</td><td>Peak</td><td>120</td><td>308</td></tr><tr><td>3</td><td>5470.00</td><td>66.69</td><td>68.20</td><td>-1.51</td><td>66.17</td><td>0.52</td><td>Peak</td><td>120</td><td>314</td></tr><tr><td>4 *</td><td>5530.00</td><td>100.23</td><td></td><td></td><td>99.69</td><td>0.54</td><td>Average</td><td>120</td><td>314</td></tr><tr><td>5 *</td><td>5530.00</td><td>113.49</td><td></td><td></td><td>112.95</td><td>0.54</td><td>Peak</td><td>120</td><td>314</td></tr><tr><td>6</td><td>11060.00</td><td>42.22</td><td>54.00</td><td>-11.78</td><td>33.83</td><td>8.39</td><td>Average</td><td>100</td><td>23</td></tr><tr><td>7</td><td>11060.00</td><td>54.60</td><td>74.00</td><td>-19.40</td><td>46.21</td><td>8.39</td><td>Peak</td><td>100</td><td>23</td></tr><tr><td>8</td><td>16590.00</td><td>56.56</td><td>68.20</td><td>-11.64</td><td>50.72</td><td>5.84</td><td>Peak</td><td>100</td><td>18</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	5460.00	53.59	54.00	-0.41	53.09	0.50	Average	120	308	2	5460.00	68.32	74.00	-5.68	67.82	0.50	Peak	120	308	3	5470.00	66.69	68.20	-1.51	66.17	0.52	Peak	120	314	4 *	5530.00	100.23			99.69	0.54	Average	120	314	5 *	5530.00	113.49			112.95	0.54	Peak	120	314	6	11060.00	42.22	54.00	-11.78	33.83	8.39	Average	100	23	7	11060.00	54.60	74.00	-19.40	46.21	8.39	Peak	100	23	8	16590.00	56.56	68.20	-11.64	50.72	5.84	Peak	100	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	5460.00	53.59	54.00	-0.41	53.09	0.50	Average	120	308																																																																																				
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Modulation	be EHT80	Test Freq. (MHz)	5775																											
Polarization	Horizontal																													
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																														
																														
	<table><tr><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>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr></table>	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn	MHz	level	dBuV/m	dB	reading	dB/m		High	Table					dBuV			cm	deg		
Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																						
MHz	level	dBuV/m	dB	reading	dB/m		High	Table																						
				dBuV			cm	deg																						
1	4620.00	47.23	54.00	-6.77	47.41	-0.18	Average	110	136																					
2	4620.00	57.08	74.00	-16.92	57.26	-0.18	Peak	110	136																					
3	5650.00	65.31	68.20	-2.89	64.65	0.66	Peak	203	336																					
4	5700.00	77.97	105.20	-27.23	77.07	0.90	Peak	203	336																					
5	5720.00	80.80	110.80	-30.00	79.86	0.94	Peak	203	336																					
6	5725.00	81.09	122.20	-41.11	80.14	0.95	Peak	203	336																					
7 *	5775.00	103.13			102.10	1.03	Average	203	336																					
8 *	5775.00	115.64			114.61	1.03	Peak	203	336																					
9	5850.00	75.34	122.20	-46.86	74.26	1.08	Peak	203	336																					
10	5855.00	75.25	110.80	-35.55	74.13	1.12	Peak	203	336																					
11	5875.00	71.41	105.20	-33.79	70.16	1.25	Peak	203	336																					
12	5925.00	61.07	68.20	-7.13	59.63	1.44	Peak	203	336																					
13	11550.00	43.06	54.00	-10.94	34.58	8.48	Average	100	21																					
14	11550.00	55.68	74.00	-18.32	47.20	8.48	Peak	100	21																					
15	17325.00	57.91	68.20	-10.29	52.24	5.67	Peak	100	12																					

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



Modulation	be EHT80	Test Freq. (MHz)	5775																																																																																																																																																															
Polarization	Vertical																																																																																																																																																																	
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Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																																																																										
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Note 1: Emission Level (dBUV/m) = SA Reading (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 (Above 1GHz) for be EHT160

Modulation	be EHT160	Test Freq. (MHz)	5250
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) <			



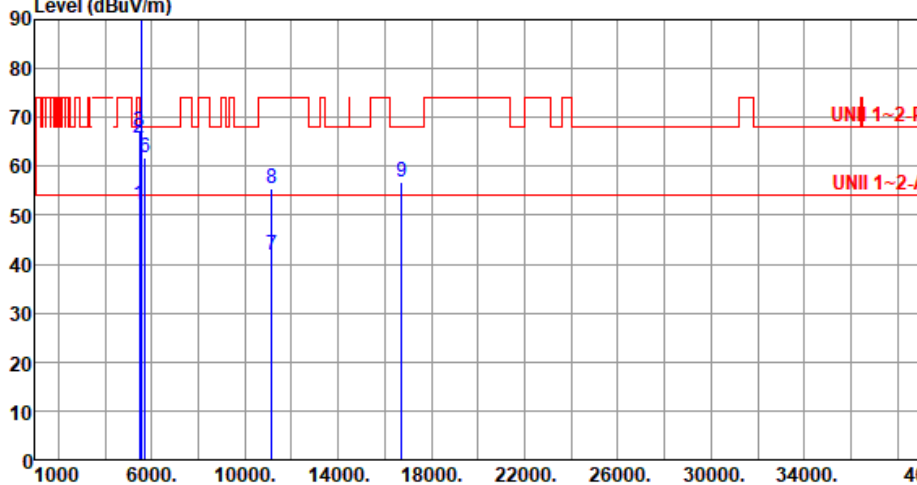
Modulation	be EHT160	Test Freq. (MHz)	5250						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
Level (dBuV/m) Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.10	54.00	-1.90	51.45	0.65	Average	103	5
2	5150.00	66.10	74.00	-7.90	65.45	0.65	Peak	103	5
3 *	5250.00	97.14			96.86	0.28	Average	103	5
4 *	5250.00	109.83			109.55	0.28	Peak	103	5
5	5350.00	53.54	54.00	-0.46	53.40	0.14	Average	103	5
6	5350.00	70.20	74.00	-3.80	70.06	0.14	Peak	103	5
7	10500.00	54.95	68.20	-13.25	46.49	8.46	Peak	100	23
8	15750.00	42.29	54.00	-11.71	37.29	5.00	Average	100	45
9	15750.00	54.94	74.00	-19.06	49.94	5.00	Peak	100	45

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

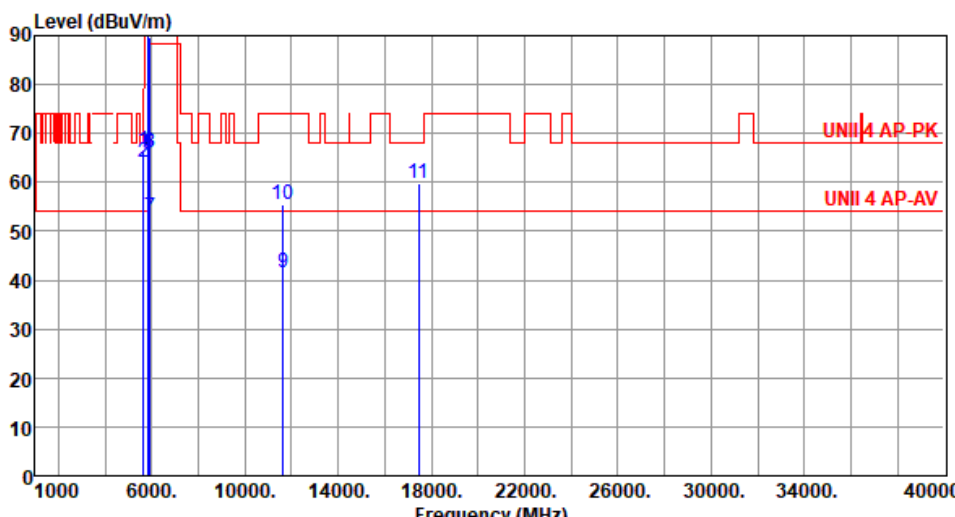


Modulation	be EHT160	Test Freq. (MHz)	5570																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																							
Level (dBUV/m) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>52.21</td><td>54.00</td><td>-1.79</td><td>51.71</td><td>0.50</td><td>Average</td><td>104</td><td>141</td></tr><tr><td>2</td><td>5460.00</td><td>66.79</td><td>74.00</td><td>-7.21</td><td>66.29</td><td>0.50</td><td>Peak</td><td>104</td><td>141</td></tr><tr><td>3</td><td>5470.00</td><td>68.06</td><td>68.20</td><td>-0.14</td><td>67.54</td><td>0.52</td><td>Peak</td><td>104</td><td>141</td></tr><tr><td>4 *</td><td>5570.00</td><td>94.08</td><td></td><td></td><td>93.56</td><td>0.52</td><td>Average</td><td>104</td><td>141</td></tr><tr><td>5 *</td><td>5570.00</td><td>106.94</td><td></td><td></td><td>106.42</td><td>0.52</td><td>Peak</td><td>104</td><td>141</td></tr><tr><td>6</td><td>5725.00</td><td>60.60</td><td>68.20</td><td>-7.60</td><td>59.65</td><td>0.95</td><td>Peak</td><td>104</td><td>141</td></tr><tr><td>7</td><td>11140.00</td><td>41.87</td><td>54.00</td><td>-12.13</td><td>33.57</td><td>8.30</td><td>Average</td><td>100</td><td>24</td></tr><tr><td>8</td><td>11140.00</td><td>55.24</td><td>74.00</td><td>-18.76</td><td>46.94</td><td>8.30</td><td>Peak</td><td>100</td><td>24</td></tr><tr><td>9</td><td>16710.00</td><td>56.81</td><td>68.20</td><td>-11.39</td><td>50.58</td><td>6.23</td><td>Peak</td><td>100</td><td>56</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	52.21	54.00	-1.79	51.71	0.50	Average	104	141	2	5460.00	66.79	74.00	-7.21	66.29	0.50	Peak	104	141	3	5470.00	68.06	68.20	-0.14	67.54	0.52	Peak	104	141	4 *	5570.00	94.08			93.56	0.52	Average	104	141	5 *	5570.00	106.94			106.42	0.52	Peak	104	141	6	5725.00	60.60	68.20	-7.60	59.65	0.95	Peak	104	141	7	11140.00	41.87	54.00	-12.13	33.57	8.30	Average	100	24	8	11140.00	55.24	74.00	-18.76	46.94	8.30	Peak	100	24	9	16710.00	56.81	68.20	-11.39	50.58	6.23	Peak	100	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																																																																																														
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9	16710.00	56.81	68.20	-11.39	50.58	6.23	Peak	100	56																																																																																														
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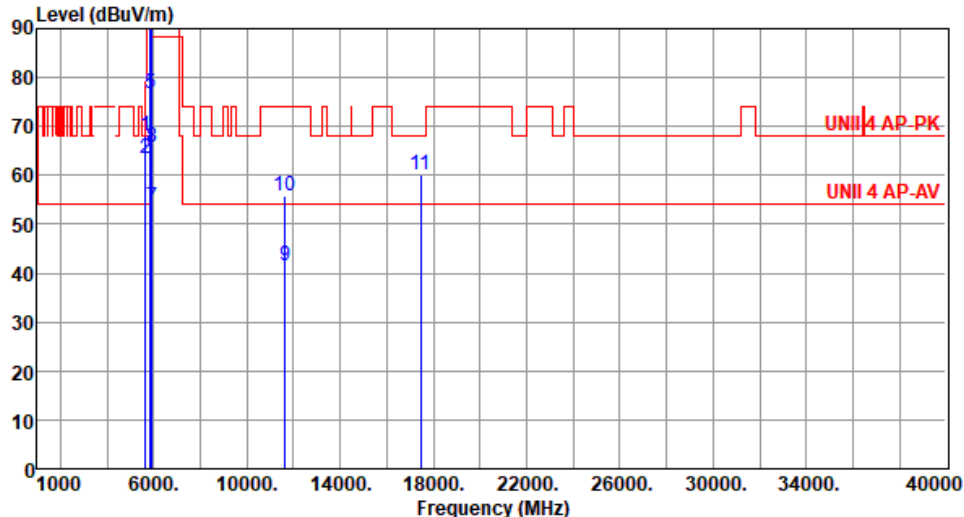
Modulation	be EHT160		Test Freq. (MHz)		5570																																																																																																																												
Polarization	Vertical																																																																																																																																
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																																																	
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>5460.00</td><td>52.15</td><td>54.00</td><td>-1.85</td><td>51.65</td><td>0.50</td><td>Average</td><td>100</td><td>5</td></tr><tr><td>2</td><td>5460.00</td><td>65.74</td><td>74.00</td><td>-8.26</td><td>65.24</td><td>0.50</td><td>Peak</td><td>100</td><td>5</td></tr><tr><td>3</td><td>5470.00</td><td>67.01</td><td>68.20</td><td>-1.19</td><td>66.49</td><td>0.52</td><td>Peak</td><td>100</td><td>5</td></tr><tr><td>4 *</td><td>5570.00</td><td>95.55</td><td></td><td></td><td>95.03</td><td>0.52</td><td>Average</td><td>100</td><td>5</td></tr><tr><td>5 *</td><td>5570.00</td><td>108.40</td><td></td><td></td><td>107.88</td><td>0.52</td><td>Peak</td><td>100</td><td>5</td></tr><tr><td>6</td><td>5725.00</td><td>61.84</td><td>68.20</td><td>-6.36</td><td>60.89</td><td>0.95</td><td>Peak</td><td>100</td><td>5</td></tr><tr><td>7</td><td>11140.00</td><td>41.90</td><td>54.00</td><td>-12.10</td><td>33.60</td><td>8.30</td><td>Average</td><td>100</td><td>44</td></tr><tr><td>8</td><td>11140.00</td><td>55.59</td><td>74.00</td><td>-18.41</td><td>47.29</td><td>8.30</td><td>Peak</td><td>100</td><td>44</td></tr><tr><td>9</td><td>16710.00</td><td>56.86</td><td>68.20</td><td>-11.34</td><td>50.63</td><td>6.23</td><td>Peak</td><td>100</td><td>39</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	5460.00	52.15	54.00	-1.85	51.65	0.50	Average	100	5	2	5460.00	65.74	74.00	-8.26	65.24	0.50	Peak	100	5	3	5470.00	67.01	68.20	-1.19	66.49	0.52	Peak	100	5	4 *	5570.00	95.55			95.03	0.52	Average	100	5	5 *	5570.00	108.40			107.88	0.52	Peak	100	5	6	5725.00	61.84	68.20	-6.36	60.89	0.95	Peak	100	5	7	11140.00	41.90	54.00	-12.10	33.60	8.30	Average	100	44	8	11140.00	55.59	74.00	-18.41	47.29	8.30	Peak	100	44	9	16710.00	56.86	68.20	-11.34	50.63	6.23	Peak	100	39
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																																								
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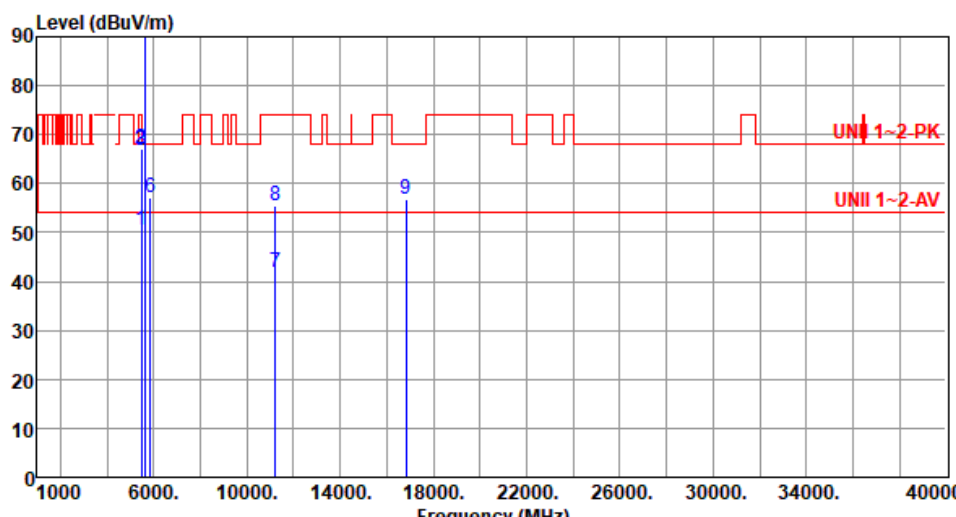
Modulation	be EHT160	Test Freq. (MHz)	5815						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5642.00	66.33	68.20	-1.87	65.69	0.64	Peak	100	344
2	5650.00	64.14	68.20	-4.06	63.48	0.66	Peak	100	344
3 *	5815.00	96.26			95.21	1.05	Average	100	344
4 *	5815.00	108.82			107.77	1.05	Peak	100	344
5	5895.00	65.68	110.20	-44.52	64.30	1.38	Average	100	344
6	5895.00	89.83	130.20	-40.37	88.45	1.38	Peak	100	344
7	5925.00	52.65	88.20	-35.55	51.21	1.44	Average	100	344
8	5925.00	66.20	108.20	-42.00	64.76	1.44	Peak	100	344
9	11630.00	41.66	54.00	-12.34	33.67	7.99	Average	100	271
10	11630.00	55.44	74.00	-18.56	47.45	7.99	Peak	100	271
11	17445.00	59.79	68.20	-8.41	53.61	6.18	Peak	100	113

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



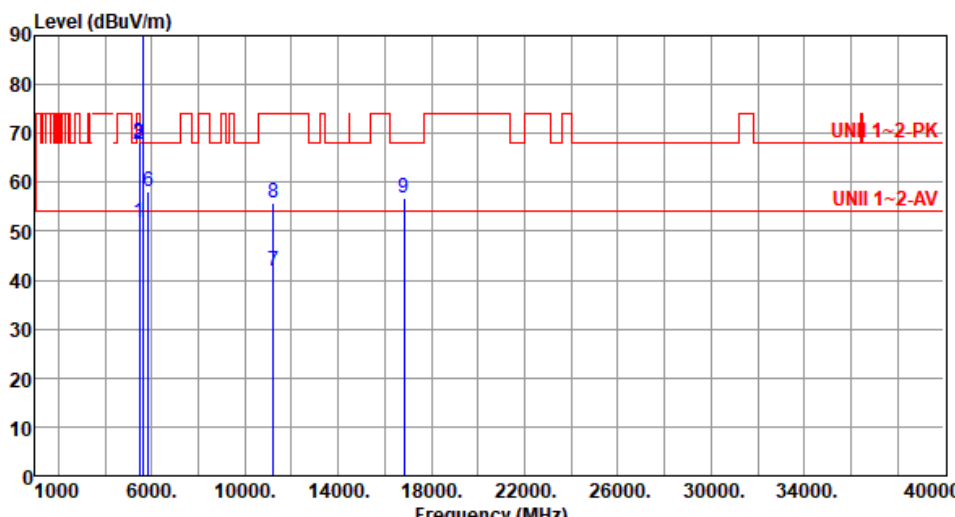
Modulation	be EHT160	Test Freq. (MHz)	5815																																																																																																																								
Polarization	Vertical																																																																																																																										
Test By :Brad Wu Temperature(°C):23 Humidity(%):66																																																																																																																											
																																																																																																																											
<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>5642.00</td><td>68.15</td><td>68.20</td><td>-0.05</td><td>67.51</td><td>0.64</td><td>Peak</td><td>141</td><td>320</td></tr><tr><td>2</td><td>5650.00</td><td>63.54</td><td>68.20</td><td>-4.66</td><td>62.88</td><td>0.66</td><td>Peak</td><td>141</td><td>320</td></tr><tr><td>3 *</td><td>5815.00</td><td>98.57</td><td></td><td></td><td>97.52</td><td>1.05</td><td>Average</td><td>141</td><td>320</td></tr><tr><td>4 *</td><td>5815.00</td><td>111.54</td><td></td><td></td><td>110.49</td><td>1.05</td><td>Peak</td><td>141</td><td>320</td></tr><tr><td>5</td><td>5895.00</td><td>76.64</td><td>110.20</td><td>-33.56</td><td>75.26</td><td>1.38</td><td>Average</td><td>141</td><td>320</td></tr><tr><td>6</td><td>5895.00</td><td>91.76</td><td>130.20</td><td>-38.44</td><td>90.38</td><td>1.38</td><td>Peak</td><td>141</td><td>320</td></tr><tr><td>7</td><td>5925.00</td><td>53.46</td><td>88.20</td><td>-34.74</td><td>52.02</td><td>1.44</td><td>Average</td><td>141</td><td>320</td></tr><tr><td>8</td><td>5925.00</td><td>65.64</td><td>108.20</td><td>-42.56</td><td>64.20</td><td>1.44</td><td>Peak</td><td>141</td><td>320</td></tr><tr><td>9</td><td>11630.00</td><td>41.50</td><td>54.00</td><td>-12.50</td><td>33.51</td><td>7.99</td><td>Average</td><td>100</td><td>278</td></tr><tr><td>10</td><td>11630.00</td><td>55.67</td><td>74.00</td><td>-18.33</td><td>47.68</td><td>7.99</td><td>Peak</td><td>100</td><td>278</td></tr><tr><td>11</td><td>17445.00</td><td>60.03</td><td>68.20</td><td>-8.17</td><td>53.85</td><td>6.18</td><td>Peak</td><td>100</td><td>195</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	5642.00	68.15	68.20	-0.05	67.51	0.64	Peak	141	320	2	5650.00	63.54	68.20	-4.66	62.88	0.66	Peak	141	320	3 *	5815.00	98.57			97.52	1.05	Average	141	320	4 *	5815.00	111.54			110.49	1.05	Peak	141	320	5	5895.00	76.64	110.20	-33.56	75.26	1.38	Average	141	320	6	5895.00	91.76	130.20	-38.44	90.38	1.38	Peak	141	320	7	5925.00	53.46	88.20	-34.74	52.02	1.44	Average	141	320	8	5925.00	65.64	108.20	-42.56	64.20	1.44	Peak	141	320	9	11630.00	41.50	54.00	-12.50	33.51	7.99	Average	100	278	10	11630.00	55.67	74.00	-18.33	47.68	7.99	Peak	100	278	11	17445.00	60.03	68.20	-8.17	53.85	6.18	Peak	100	195
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Unwanted Emissions (Above 1GHz) for be EHT240

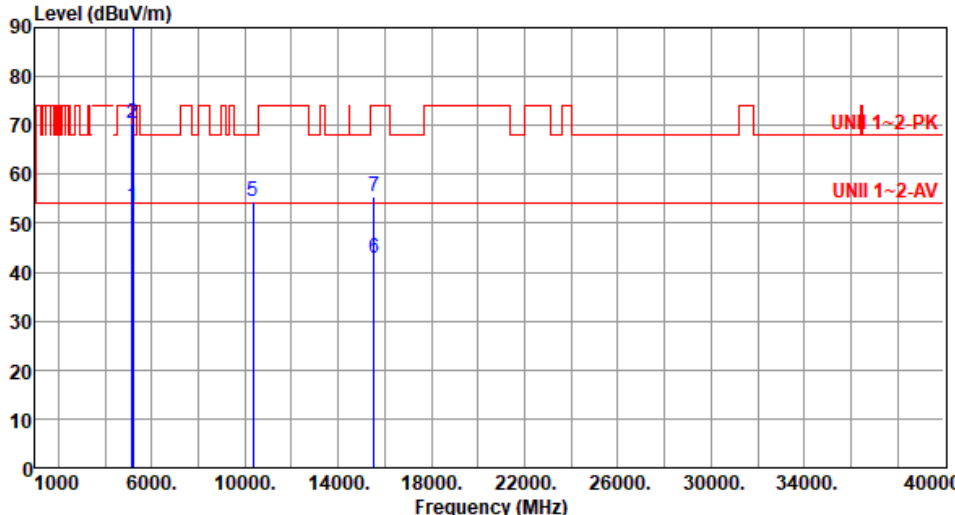
Modulation	be EHT240	Test Freq. (MHz)	5610						
Polarization	Horizontal								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	50.61	54.00	-3.39	50.11	0.50	Average	100	143
2	5460.00	66.95	74.00	-7.05	66.45	0.50	Peak	100	143
3	5470.00	66.80	68.20	-1.40	66.28	0.52	Peak	100	143
4 *	5610.00	91.44			90.87	0.57	Average	100	143
5 *	5610.00	103.67			103.10	0.57	Peak	100	143
6	5850.00	56.96	68.20	-11.24	55.88	1.08	Peak	100	143
7	11220.00	41.97	54.00	-12.03	33.83	8.14	Average	100	19
8	11220.00	55.35	74.00	-18.65	47.21	8.14	Peak	100	19
9	16830.00	56.77	68.20	-11.43	50.38	6.39	Peak	100	47

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



Modulation	be EHT240		Test Freq. (MHz)		5610																																																																																																																												
Polarization	Vertical																																																																																																																																
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																																																																	
Level (dBUV/m)  Frequency (MHz) <table><thead><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></thead><tbody><tr><td>1</td><td>5460.00</td><td>51.76</td><td>54.00</td><td>-2.24</td><td>51.26</td><td>0.50</td><td>Average</td><td>119</td><td>12</td></tr><tr><td>2</td><td>5460.00</td><td>67.70</td><td>74.00</td><td>-6.30</td><td>67.20</td><td>0.50</td><td>Peak</td><td>119</td><td>12</td></tr><tr><td>3</td><td>5470.00</td><td>67.92</td><td>68.20</td><td>-0.28</td><td>67.40</td><td>0.52</td><td>Peak</td><td>119</td><td>12</td></tr><tr><td>4 *</td><td>5610.00</td><td>92.62</td><td></td><td></td><td>92.05</td><td>0.57</td><td>Average</td><td>119</td><td>12</td></tr><tr><td>5 *</td><td>5610.00</td><td>104.94</td><td></td><td></td><td>104.37</td><td>0.57</td><td>Peak</td><td>119</td><td>12</td></tr><tr><td>6</td><td>5850.00</td><td>58.03</td><td>68.20</td><td>-10.17</td><td>56.95</td><td>1.08</td><td>Peak</td><td>119</td><td>12</td></tr><tr><td>7</td><td>11220.00</td><td>41.79</td><td>54.00</td><td>-12.21</td><td>33.65</td><td>8.14</td><td>Average</td><td>100</td><td>34</td></tr><tr><td>8</td><td>11220.00</td><td>55.66</td><td>74.00</td><td>-18.34</td><td>47.52</td><td>8.14</td><td>Peak</td><td>100</td><td>34</td></tr><tr><td>9</td><td>16830.00</td><td>56.83</td><td>68.20</td><td>-11.37</td><td>50.44</td><td>6.39</td><td>Peak</td><td>100</td><td>59</td></tr></tbody></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	5460.00	51.76	54.00	-2.24	51.26	0.50	Average	119	12	2	5460.00	67.70	74.00	-6.30	67.20	0.50	Peak	119	12	3	5470.00	67.92	68.20	-0.28	67.40	0.52	Peak	119	12	4 *	5610.00	92.62			92.05	0.57	Average	119	12	5 *	5610.00	104.94			104.37	0.57	Peak	119	12	6	5850.00	58.03	68.20	-10.17	56.95	1.08	Peak	119	12	7	11220.00	41.79	54.00	-12.21	33.65	8.14	Average	100	34	8	11220.00	55.66	74.00	-18.34	47.52	8.14	Peak	100	34	9	16830.00	56.83	68.20	-11.37	50.44	6.39	Peak	100	59
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																																								
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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 (Above 1GHz) for be EHT20

Modulation	be EHT20	Test Freq. (MHz)	5180						
Polarization	Horizontal								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.48	54.00	-0.52	52.83	0.65	Average	302	131
2	5150.00	70.35	74.00	-3.65	69.70	0.65	Peak	302	131
3 *	5180.00	106.52			105.92	0.60	Average	302	131
4 *	5180.00	119.50			118.90	0.60	Peak	302	131
5	10360.00	54.48	68.20	-13.72	46.36	8.12	Peak	100	37
6	15540.00	42.77	54.00	-11.23	37.85	4.92	Average	100	38
7	15540.00	55.37	74.00	-18.63	50.45	4.92	Peak	100	38

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

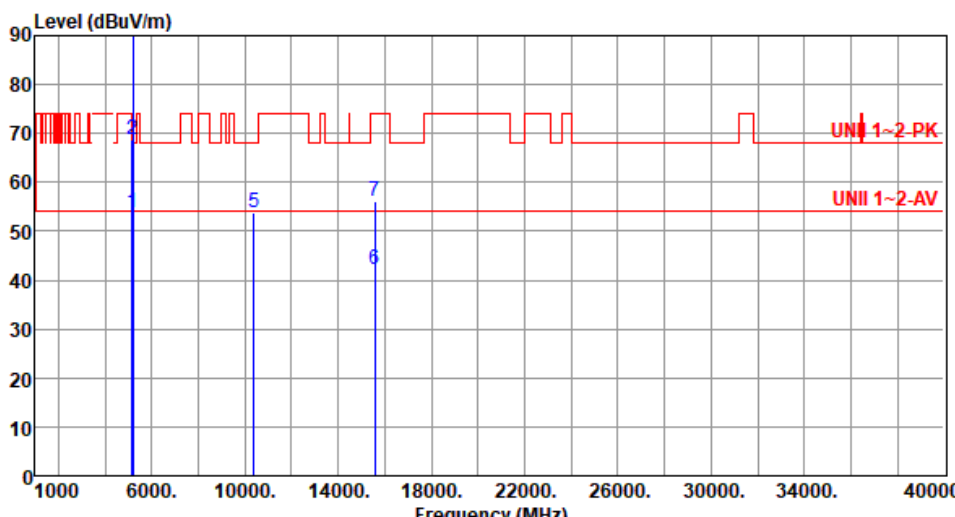


Modulation	be EHT20	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBuV/m)			

Unwanted Emissions (Above 1GHz) for be EHT40

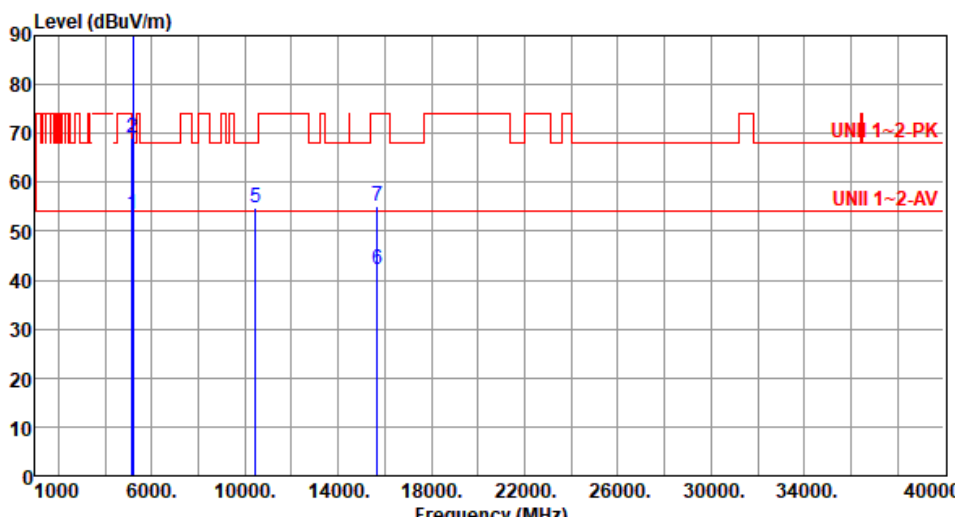
Modulation	be EHT40	Test Freq. (MHz)	5190
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBuV/m)			



Modulation	be EHT40	Test Freq. (MHz)	5190						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.90	54.00	-0.10	53.25	0.65	Average	140	18
2	5150.00	68.89	74.00	-5.11	68.24	0.65	Peak	140	18
3 *	5190.00	103.99			103.42	0.57	Average	140	18
4 *	5190.00	116.64			116.07	0.57	Peak	140	18
5	10380.00	53.77	68.20	-14.43	45.47	8.30	Peak	100	128
6	15570.00	42.09	54.00	-11.91	37.29	4.80	Average	100	156
7	15570.00	56.11	74.00	-17.89	51.31	4.80	Peak	100	156

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



Modulation	be EHT40	Test Freq. (MHz)	5230						
Polarization	Horizontal								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.53	54.00	-0.47	52.88	0.65	Average	315	130
2	5150.00	69.19	74.00	-4.81	68.54	0.65	Peak	315	130
3 *	5230.00	105.59			105.20	0.39	Average	315	130
4 *	5230.00	117.60			117.21	0.39	Peak	315	130
5	10460.00	54.92	68.20	-13.28	46.38	8.54	Peak	100	54
6	15690.00	42.03	54.00	-11.97	37.17	4.86	Average	100	33
7	15690.00	55.05	74.00	-18.95	50.19	4.86	Peak	100	33
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).									



Modulation	be EHT40	Test Freq. (MHz)	5230																																																																																
Polarization	Vertical																																																																																		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																			
Level (dBUV/m) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>51.98</td><td>54.00</td><td>-2.02</td><td>51.33</td><td>0.65</td><td>Average</td><td>104</td><td>216</td></tr><tr><td>2</td><td>5150.00</td><td>68.06</td><td>74.00</td><td>-5.94</td><td>67.41</td><td>0.65</td><td>Peak</td><td>104</td><td>216</td></tr><tr><td>3 *</td><td>5230.00</td><td>105.21</td><td></td><td></td><td>104.82</td><td>0.39</td><td>Average</td><td>104</td><td>216</td></tr><tr><td>4 *</td><td>5230.00</td><td>117.23</td><td></td><td></td><td>116.84</td><td>0.39</td><td>Peak</td><td>104</td><td>216</td></tr><tr><td>5</td><td>10460.00</td><td>55.02</td><td>68.20</td><td>-13.18</td><td>46.48</td><td>8.54</td><td>Peak</td><td>100</td><td>104</td></tr><tr><td>6</td><td>15690.00</td><td>42.28</td><td>54.00</td><td>-11.72</td><td>37.42</td><td>4.86</td><td>Average</td><td>100</td><td>115</td></tr><tr><td>7</td><td>15690.00</td><td>55.28</td><td>74.00</td><td>-18.72</td><td>50.42</td><td>4.86</td><td>Peak</td><td>100</td><td>115</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	51.98	54.00	-2.02	51.33	0.65	Average	104	216	2	5150.00	68.06	74.00	-5.94	67.41	0.65	Peak	104	216	3 *	5230.00	105.21			104.82	0.39	Average	104	216	4 *	5230.00	117.23			116.84	0.39	Peak	104	216	5	10460.00	55.02	68.20	-13.18	46.48	8.54	Peak	100	104	6	15690.00	42.28	54.00	-11.72	37.42	4.86	Average	100	115	7	15690.00	55.28	74.00	-18.72	50.42	4.86	Peak	100	115
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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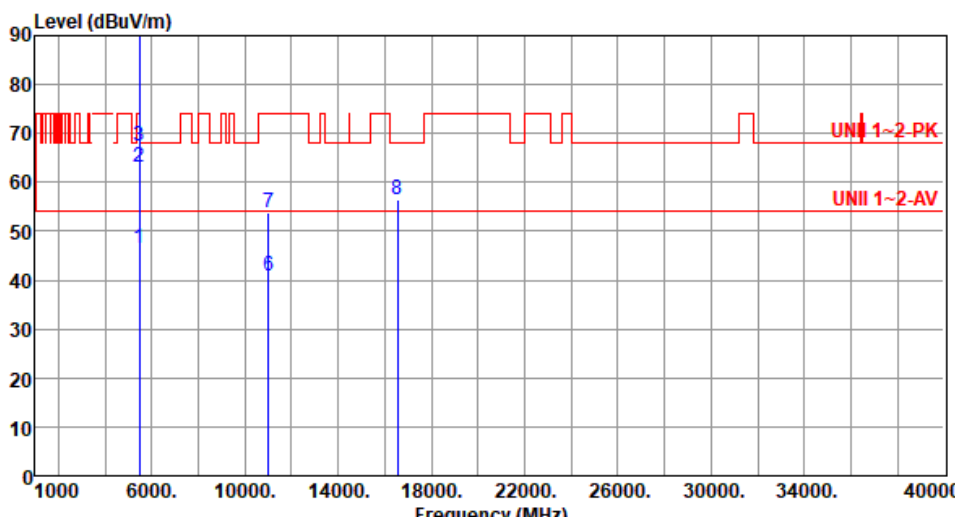


Modulation	be EHT40	Test Freq. (MHz)	5310																																																																																																														
Polarization	Horizontal																																																																																																																
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																																																	
Level (dBuV/m) <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>5310.00</td><td>99.60</td><td></td><td></td><td>99.40</td><td>0.20</td><td>Average</td><td>307</td><td>133</td></tr><tr><td>2 *</td><td>5310.00</td><td>111.00</td><td></td><td></td><td>110.80</td><td>0.20</td><td>Peak</td><td>307</td><td>133</td></tr><tr><td>3</td><td>5350.00</td><td>52.63</td><td>54.00</td><td>-1.37</td><td>52.49</td><td>0.14</td><td>Average</td><td>307</td><td>133</td></tr><tr><td>4</td><td>5350.00</td><td>67.12</td><td>74.00</td><td>-6.88</td><td>66.98</td><td>0.14</td><td>Peak</td><td>307</td><td>133</td></tr><tr><td>5</td><td>10620.00</td><td>40.44</td><td>54.00</td><td>-13.56</td><td>32.07</td><td>8.37</td><td>Average</td><td>100</td><td>33</td></tr><tr><td>6</td><td>10620.00</td><td>54.38</td><td>74.00</td><td>-19.62</td><td>46.01</td><td>8.37</td><td>Peak</td><td>100</td><td>33</td></tr><tr><td>7</td><td>15930.00</td><td>41.69</td><td>54.00</td><td>-12.31</td><td>37.04</td><td>4.65</td><td>Average</td><td>100</td><td>38</td></tr><tr><td>8</td><td>15930.00</td><td>53.83</td><td>74.00</td><td>-20.17</td><td>49.18</td><td>4.65</td><td>Peak</td><td>100</td><td>38</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 *	5310.00	99.60			99.40	0.20	Average	307	133	2 *	5310.00	111.00			110.80	0.20	Peak	307	133	3	5350.00	52.63	54.00	-1.37	52.49	0.14	Average	307	133	4	5350.00	67.12	74.00	-6.88	66.98	0.14	Peak	307	133	5	10620.00	40.44	54.00	-13.56	32.07	8.37	Average	100	33	6	10620.00	54.38	74.00	-19.62	46.01	8.37	Peak	100	33	7	15930.00	41.69	54.00	-12.31	37.04	4.65	Average	100	38	8	15930.00	53.83	74.00	-20.17	49.18	4.65	Peak	100	38
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																								
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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).																																																																																																																	



Modulation	be EHT40	Test Freq. (MHz)	5310
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBuV/m)			



Modulation	be EHT40	Test Freq. (MHz)	5510						
Polarization	Horizontal								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.49	54.00	-7.51	45.99	0.50	Average	294	106
2	5460.00	62.97	74.00	-11.03	62.47	0.50	Peak	294	106
3	5470.00	67.33	68.20	-0.87	66.81	0.52	Peak	294	106
4 *	5510.00	100.67			100.10	0.57	Average	294	106
5 *	5510.00	114.02			113.45	0.57	Peak	294	106
6	11020.00	40.86	54.00	-13.14	32.29	8.57	Average	100	39
7	11020.00	53.75	74.00	-20.25	45.18	8.57	Peak	100	39
8	16530.00	56.32	68.20	-11.88	50.28	6.04	Peak	100	42

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



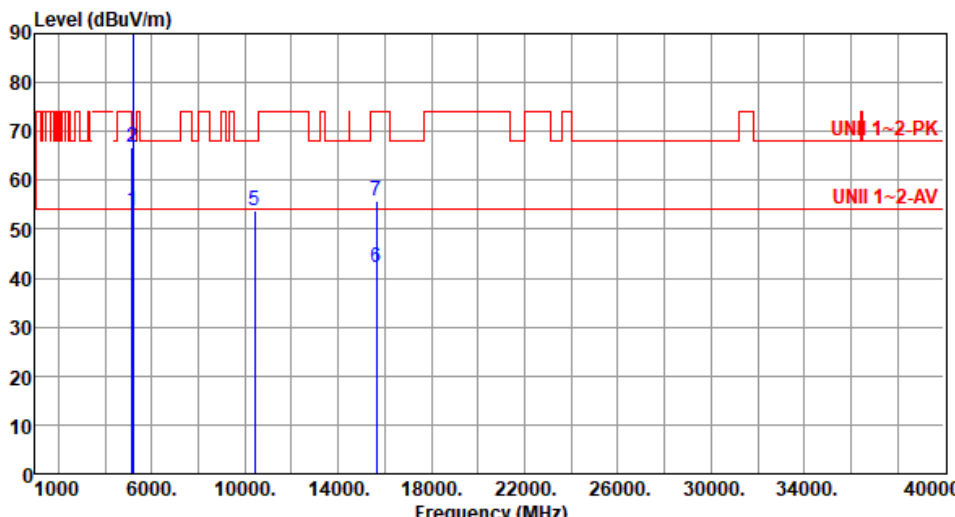
Modulation	be EHT40	Test Freq. (MHz)	5510						
Polarization	Vertical								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.49	54.00	-6.51	46.99	0.50	Average	109	12
2	5460.00	63.80	74.00	-10.20	63.30	0.50	Peak	109	12
3	5470.00	67.92	68.20	-0.28	67.40	0.52	Peak	109	12
4 *	5510.00	101.05			100.48	0.57	Average	109	12
5 *	5510.00	113.45			112.88	0.57	Peak	109	12
6	11020.00	40.95	54.00	-13.05	32.38	8.57	Average	100	109
7	11020.00	53.95	74.00	-20.05	45.38	8.57	Peak	100	109
8	16530.00	56.08	68.20	-12.12	50.04	6.04	Peak	100	112

Note 1: Emission Level (dBuV/m) = SA Reading (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 (Above 1GHz) for be EHT80

Modulation	be EHT80	Test Freq. (MHz)	5210
Polarization	Horizontal		
Test By :Brad Wu Temperature(°C):23 Humidity(%):66			
Level (dBuV/m) </			



Modulation	be EHT80	Test Freq. (MHz)	5210						
Polarization	Vertical								
Test By :Brad Wu Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.69	54.00	-0.31	53.04	0.65	Average	126	17
2	5150.00	66.84	74.00	-7.16	66.19	0.65	Peak	126	17
3 *	5210.00	100.36			99.86	0.50	Average	126	17
4 *	5210.00	113.21			112.71	0.50	Peak	126	17
5	10420.00	53.96	68.20	-14.24	45.46	8.50	Peak	100	122
6	15630.00	42.06	54.00	-11.94	37.40	4.66	Average	100	100
7	15630.00	55.89	74.00	-18.11	51.23	4.66	Peak	100	100
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).									



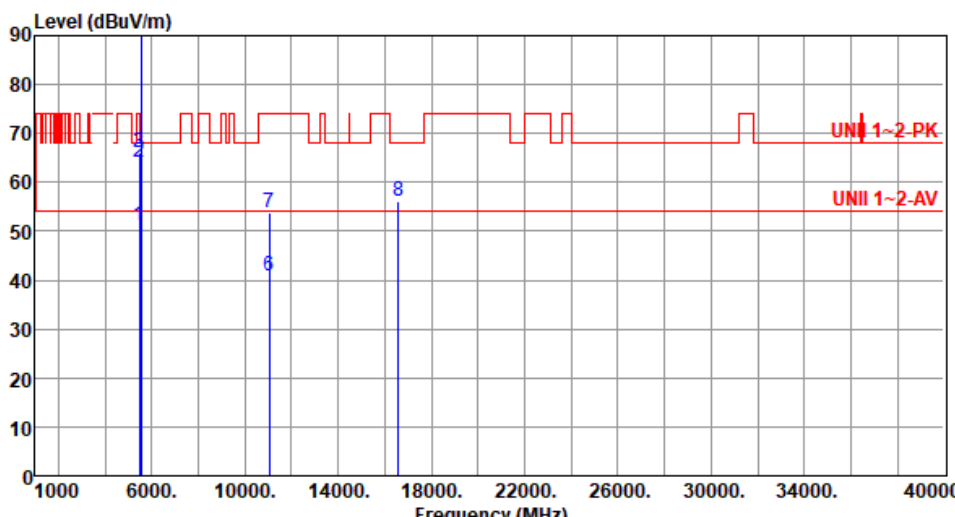
Modulation	be EHT80	Test Freq. (MHz)	5290
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBuV/m) <			



Modulation	be EHT80	Test Freq. (MHz)	5290						
Polarization	Vertical								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1 *	5290.00	97.41			97.19	0.22	Average	136	12
2 *	5290.00	109.82			109.60	0.22	Peak	136	12
3	5350.00	53.43	54.00	-0.57	53.29	0.14	Average	136	12
4	5350.00	67.64	74.00	-6.36	67.50	0.14	Peak	136	12
5	10580.00	54.58	68.20	-13.62	46.29	8.29	Peak	100	101
6	15870.00	41.69	54.00	-12.31	37.08	4.61	Average	100	108
7	15870.00	55.10	74.00	-18.90	50.49	4.61	Peak	100	108

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



Modulation	be EHT80	Test Freq. (MHz)	5530						
Polarization	Horizontal								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	51.17	54.00	-2.83	50.67	0.50	Average	306	101
2	5460.00	64.16	74.00	-9.84	63.66	0.50	Peak	306	101
3	5470.00	66.06	68.20	-2.14	65.54	0.52	Peak	306	101
4 *	5530.00	97.14			96.60	0.54	Average	306	101
5 *	5530.00	110.33			109.79	0.54	Peak	306	101
6	11060.00	40.68	54.00	-13.32	32.29	8.39	Average	100	34
7	11060.00	53.77	74.00	-20.23	45.38	8.39	Peak	100	34
8	16590.00	56.13	68.20	-12.07	50.29	5.84	Peak	100	39

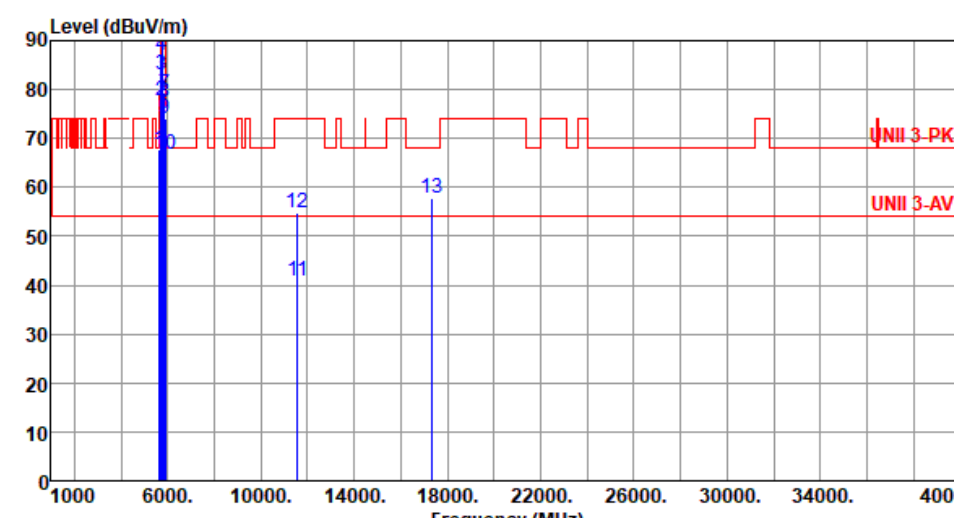
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	be EHT80	Test Freq. (MHz)	5530
Polarization	Vertical		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) </			

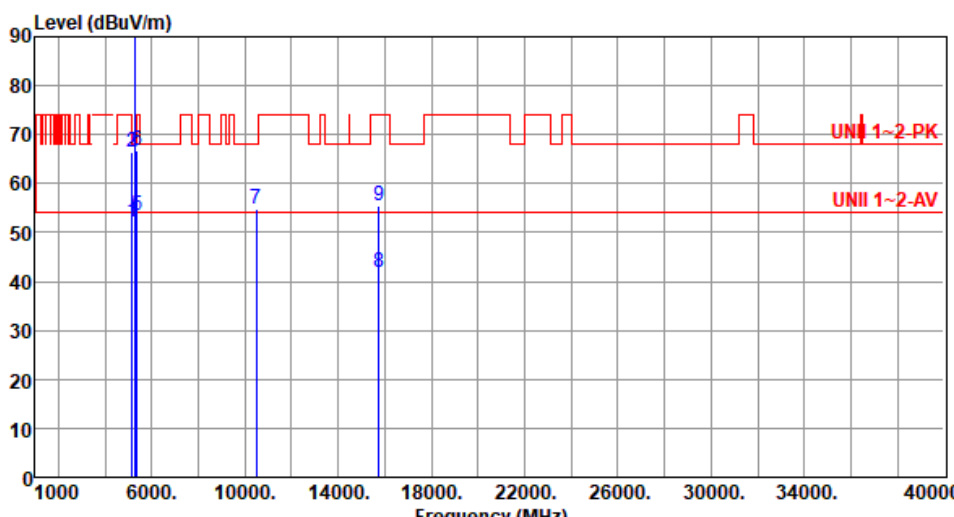


Modulation	be EHT80	Test Freq. (MHz)	5775
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) <			

Modulation	be EHT80	Test Freq. (MHz)	5775						
Polarization	Vertical								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.69	68.20	-0.51	67.03	0.66	Peak	201	327
2	5700.00	77.85	105.20	-27.35	76.95	0.90	Peak	201	327
3	5720.00	82.87	110.80	-27.93	81.93	0.94	Peak	201	327
4	5725.00	86.92	122.20	-35.28	85.97	0.95	Peak	201	327
5 *	5775.00	103.98			102.95	1.03	Average	201	327
6 *	5775.00	116.85			115.82	1.03	Peak	201	327
7	5850.00	79.00	122.20	-43.20	77.92	1.08	Peak	201	327
8	5855.00	77.36	110.80	-33.44	76.24	1.12	Peak	201	327
9	5875.00	74.05	105.20	-31.15	72.80	1.25	Peak	201	327
10	5925.00	66.65	68.20	-1.55	65.21	1.44	Peak	201	327
11	11550.00	40.76	54.00	-13.24	32.28	8.48	Average	100	103
12	11550.00	54.68	74.00	-19.32	46.20	8.48	Peak	100	103
13	17325.00	57.86	68.20	-10.34	52.19	5.67	Peak	100	109

Note 1: Emission Level (dBUV/m) = SA Reading (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 (Above 1GHz) for be EHT160

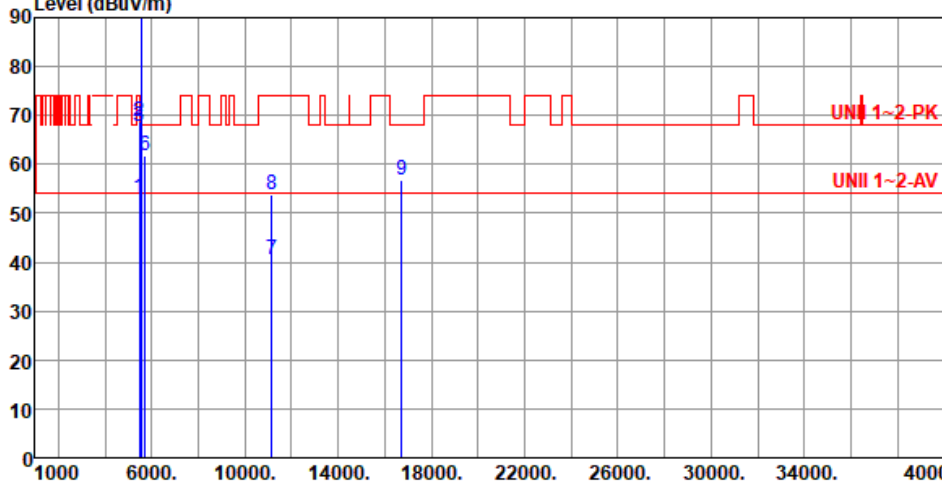
Modulation	be EHT160	Test Freq. (MHz)	5250						
Polarization	Horizontal								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.17	54.00	-1.83	51.52	0.65	Average	303	132
2	5150.00	66.40	74.00	-7.60	65.75	0.65	Peak	303	132
3 *	5250.00	94.82			94.54	0.28	Average	303	132
4 *	5250.00	108.24			107.96	0.28	Peak	303	132
5	5350.00	53.56	54.00	-0.44	53.42	0.14	Average	303	132
6	5350.00	66.72	74.00	-7.28	66.58	0.14	Peak	303	132
7	10500.00	54.70	68.20	-13.50	46.24	8.46	Peak	100	46
8	15750.00	41.78	54.00	-12.22	36.78	5.00	Average	100	48
9	15750.00	55.52	74.00	-18.48	50.52	5.00	Peak	100	48

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

Modulation	be EHT160	Test Freq. (MHz)	5250						
Polarization	Vertical								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
Level (dBuV/m) Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.85	54.00	-1.15	52.20	0.65	Average	134	8
2	5150.00	67.24	74.00	-6.76	66.59	0.65	Peak	134	8
3 *	5250.00	94.85			94.57	0.28	Average	134	8
4 *	5250.00	106.80			106.52	0.28	Peak	134	8
5	5350.00	53.66	54.00	-0.34	53.52	0.14	Average	134	8
6	5350.00	67.12	74.00	-6.88	66.98	0.14	Peak	134	8
7	10500.00	54.54	68.20	-13.66	46.08	8.46	Peak	100	104
8	15750.00	41.57	54.00	-12.43	36.57	5.00	Average	100	109
9	15750.00	55.21	74.00	-18.79	50.21	5.00	Peak	100	109

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

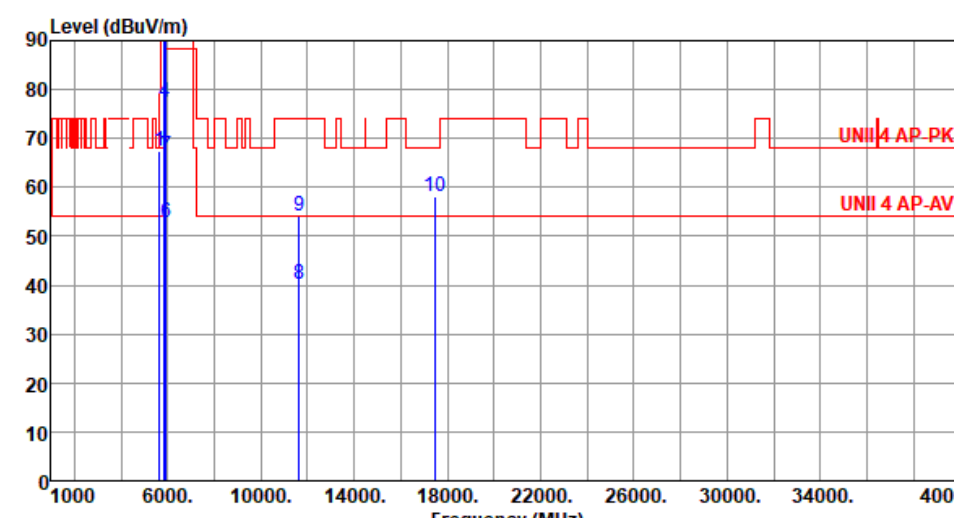
Modulation	be EHT160	Test Freq. (MHz)	5570
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBuV/m) <			

Modulation	be EHT160	Test Freq. (MHz)	5570						
Polarization	Vertical								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
Level (dBUV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	53.04	54.00	-0.96	52.54	0.50	Average	137	311
2	5460.00	68.80	74.00	-5.20	68.30	0.50	Peak	137	311
3	5470.00	67.69	68.20	-0.51	67.17	0.52	Peak	137	311
4 *	5570.00	92.94			92.42	0.52	Average	137	311
5 *	5570.00	105.22			104.70	0.52	Peak	137	311
6	5725.00	61.86	68.20	-6.34	60.91	0.95	Peak	137	311
7	11140.00	40.59	54.00	-13.41	32.29	8.30	Average	100	109
8	11140.00	53.70	74.00	-20.30	45.40	8.30	Peak	100	109
9	16710.00	56.81	68.20	-11.39	50.58	6.23	Peak	100	111

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

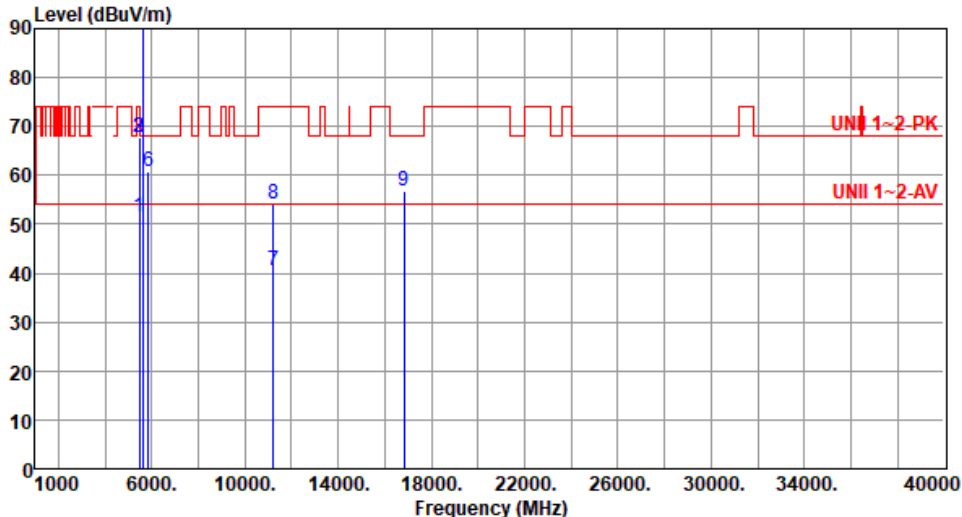


Modulation	be EHT160	Test Freq. (MHz)	5815																																																																																																														
Polarization	Horizontal																																																																																																																
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																																																	
Level (dBUV/m) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5650.00</td><td>65.92</td><td>68.20</td><td>-2.28</td><td>65.26</td><td>0.66</td><td>Peak</td><td>283</td><td>96</td></tr><tr><td>2 *</td><td>5815.00</td><td>96.62</td><td></td><td></td><td>95.57</td><td>1.05</td><td>Average</td><td>283</td><td>96</td></tr><tr><td>3 *</td><td>5815.00</td><td>109.07</td><td></td><td></td><td>108.02</td><td>1.05</td><td>Peak</td><td>283</td><td>96</td></tr><tr><td>4</td><td>5895.00</td><td>76.48</td><td>110.20</td><td>-33.72</td><td>75.10</td><td>1.38</td><td>Average</td><td>283</td><td>96</td></tr><tr><td>5</td><td>5895.00</td><td>93.65</td><td>130.20</td><td>-36.55</td><td>92.27</td><td>1.38</td><td>Peak</td><td>283</td><td>96</td></tr><tr><td>6</td><td>5925.00</td><td>52.64</td><td>88.20</td><td>-35.56</td><td>51.20</td><td>1.44</td><td>Average</td><td>283</td><td>96</td></tr><tr><td>7</td><td>5925.00</td><td>65.74</td><td>108.20</td><td>-42.46</td><td>64.30</td><td>1.44</td><td>Peak</td><td>283</td><td>96</td></tr><tr><td>8</td><td>11630.00</td><td>40.47</td><td>54.00</td><td>-13.53</td><td>32.48</td><td>7.99</td><td>Average</td><td>100</td><td>47</td></tr><tr><td>9</td><td>11630.00</td><td>54.08</td><td>74.00</td><td>-19.92</td><td>46.09</td><td>7.99</td><td>Peak</td><td>100</td><td>47</td></tr><tr><td>10</td><td>17445.00</td><td>58.36</td><td>68.20</td><td>-9.84</td><td>52.18</td><td>6.18</td><td>Peak</td><td>100</td><td>53</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	65.92	68.20	-2.28	65.26	0.66	Peak	283	96	2 *	5815.00	96.62			95.57	1.05	Average	283	96	3 *	5815.00	109.07			108.02	1.05	Peak	283	96	4	5895.00	76.48	110.20	-33.72	75.10	1.38	Average	283	96	5	5895.00	93.65	130.20	-36.55	92.27	1.38	Peak	283	96	6	5925.00	52.64	88.20	-35.56	51.20	1.44	Average	283	96	7	5925.00	65.74	108.20	-42.46	64.30	1.44	Peak	283	96	8	11630.00	40.47	54.00	-13.53	32.48	7.99	Average	100	47	9	11630.00	54.08	74.00	-19.92	46.09	7.99	Peak	100	47	10	17445.00	58.36	68.20	-9.84	52.18	6.18	Peak	100	53
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
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7	5925.00	65.74	108.20	-42.46	64.30	1.44	Peak	283	96																																																																																																								
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Modulation	be EHT160	Test Freq. (MHz)	5815																																																																																																														
Polarization	Vertical																																																																																																																
Test By :Akun Chung Temperature(°C):23 Humidity(%):66																																																																																																																	
Level (dBuV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5650.00</td><td>67.56</td><td>68.20</td><td>-0.64</td><td>66.90</td><td>0.66</td><td>Peak</td><td>188</td><td>327</td></tr><tr><td>2 *</td><td>5815.00</td><td>97.12</td><td></td><td></td><td>96.07</td><td>1.05</td><td>Average</td><td>188</td><td>327</td></tr><tr><td>3 *</td><td>5815.00</td><td>109.28</td><td></td><td></td><td>108.23</td><td>1.05</td><td>Peak</td><td>188</td><td>327</td></tr><tr><td>4</td><td>5895.00</td><td>77.27</td><td>110.20</td><td>-32.93</td><td>75.89</td><td>1.38</td><td>Average</td><td>188</td><td>327</td></tr><tr><td>5</td><td>5895.00</td><td>95.88</td><td>130.20</td><td>-34.32</td><td>94.50</td><td>1.38</td><td>Peak</td><td>188</td><td>327</td></tr><tr><td>6</td><td>5925.00</td><td>52.69</td><td>88.20</td><td>-35.51</td><td>51.25</td><td>1.44</td><td>Average</td><td>188</td><td>327</td></tr><tr><td>7</td><td>5925.00</td><td>66.42</td><td>108.20</td><td>-41.78</td><td>64.98</td><td>1.44</td><td>Peak</td><td>188</td><td>327</td></tr><tr><td>8</td><td>11630.00</td><td>40.26</td><td>54.00</td><td>-13.74</td><td>32.27</td><td>7.99</td><td>Average</td><td>100</td><td>104</td></tr><tr><td>9</td><td>11630.00</td><td>54.03</td><td>74.00</td><td>-19.97</td><td>46.04</td><td>7.99</td><td>Peak</td><td>100</td><td>104</td></tr><tr><td>10</td><td>17445.00</td><td>58.23</td><td>68.20</td><td>-9.97</td><td>52.05</td><td>6.18</td><td>Peak</td><td>100</td><td>109</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	5650.00	67.56	68.20	-0.64	66.90	0.66	Peak	188	327	2 *	5815.00	97.12			96.07	1.05	Average	188	327	3 *	5815.00	109.28			108.23	1.05	Peak	188	327	4	5895.00	77.27	110.20	-32.93	75.89	1.38	Average	188	327	5	5895.00	95.88	130.20	-34.32	94.50	1.38	Peak	188	327	6	5925.00	52.69	88.20	-35.51	51.25	1.44	Average	188	327	7	5925.00	66.42	108.20	-41.78	64.98	1.44	Peak	188	327	8	11630.00	40.26	54.00	-13.74	32.27	7.99	Average	100	104	9	11630.00	54.03	74.00	-19.97	46.04	7.99	Peak	100	104	10	17445.00	58.23	68.20	-9.97	52.05	6.18	Peak	100	109
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
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2 *	5815.00	97.12			96.07	1.05	Average	188	327																																																																																																								
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10	17445.00	58.23	68.20	-9.97	52.05	6.18	Peak	100	109																																																																																																								

Unwanted Emissions (Above 1GHz) for be EHT240

Modulation	be EHT240	Test Freq. (MHz)	5610
Polarization	Horizontal		
Test By :Akun Chung Temperature(°C):23 Humidity(%):66			
Level (dBuV/m) <			

Modulation	be EHT240		Test Freq. (MHz)		5610				
Polarization	Vertical								
Test By :Akun Chung Temperature(°C):23 Humidity(%):66									
									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	5460.00	51.55	54.00	-2.45	51.05	0.50	Average	117	13
2	5460.00	67.76	74.00	-6.24	67.26	0.50	Peak	117	13
3	5470.00	67.73	68.20	-0.47	67.21	0.52	Peak	201	328
4 *	5610.00	91.80			91.23	0.57	Average	201	328
5 *	5610.00	103.72			103.15	0.57	Peak	201	328
6	5850.00	60.88	68.20	-7.32	59.80	1.08	Peak	201	328
7	11220.00	40.38	54.00	-13.62	32.24	8.14	Average	100	107
8	11220.00	54.22	74.00	-19.78	46.08	8.14	Peak	100	107
9	16830.00	56.77	68.20	-11.43	50.38	6.39	Peak	100	114

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

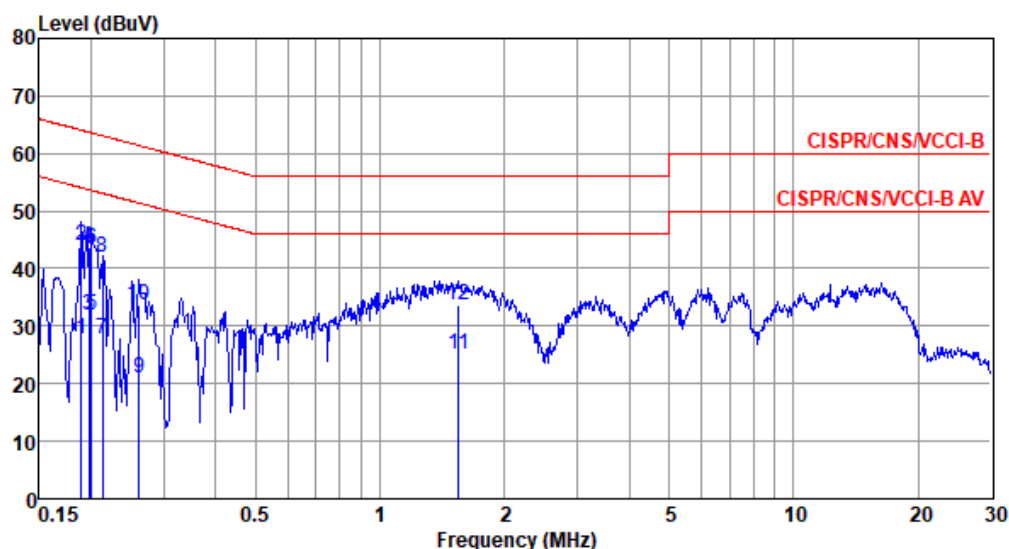


Modulation Mode	be EHT40	Test Freq. (MHz)	5230
Power Phase	Line		

Test by : Joe Liao_AK

Temperature: 26°C

Humidity: 66%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.189	27.63	54.06	-26.43	17.68	9.65	0.06	0.24	Average
2	0.189	43.93	64.06	-20.13	33.98	9.65	0.06	0.24	QP
3	0.198	31.88	53.71	-21.83	21.92	9.65	0.06	0.25	Average
4*	0.198	43.70	63.71	-20.01	33.74	9.65	0.06	0.25	QP
5	0.201	31.83	53.58	-21.75	21.87	9.65	0.06	0.25	Average
6	0.201	43.43	63.58	-20.15	33.47	9.65	0.06	0.25	QP
7	0.213	27.77	53.10	-25.33	17.80	9.65	0.06	0.26	Average
8	0.213	41.96	63.10	-21.14	31.99	9.65	0.06	0.26	QP
9	0.262	20.86	51.38	-30.52	10.86	9.65	0.07	0.28	Average
10	0.262	33.73	61.38	-27.65	23.73	9.65	0.07	0.28	QP
11	1.552	25.14	46.00	-20.86	15.01	9.66	0.10	0.37	Average
12	1.552	33.62	56.00	-22.38	23.49	9.66	0.10	0.37	QP

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

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

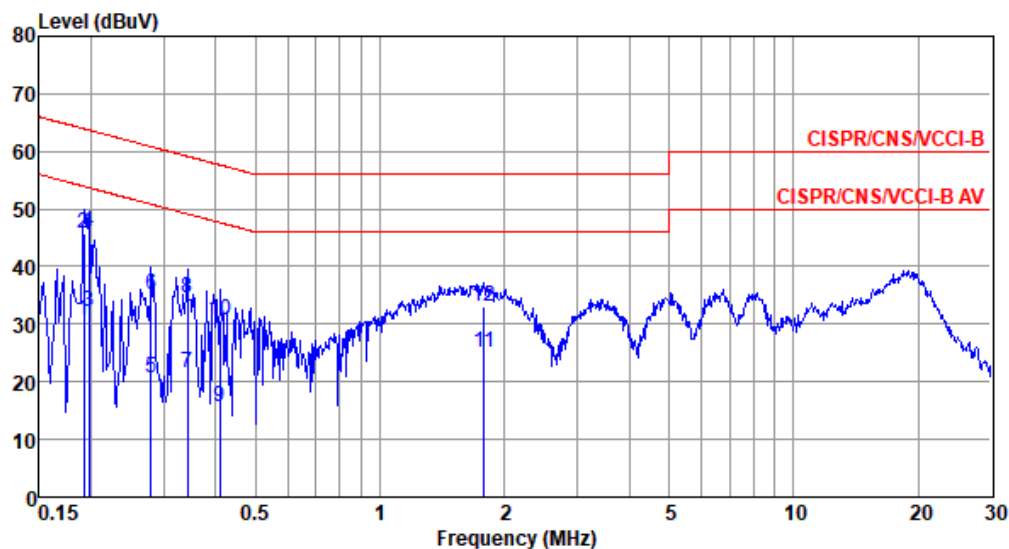


Modulation Mod	be EHT40	Test Freq. (MHz)	5230
Power Phase	Neutral		

Test by : Joe Liao_AK

Temperature: 26°C

Humidity: 66%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.192	30.80	53.93	-23.13	20.93	9.65	0.06	0.16	Average
2	0.192	45.63	63.93	-18.30	35.76	9.65	0.06	0.16	QP
3	0.198	32.27	53.71	-21.44	22.39	9.65	0.06	0.17	Average
4*	0.198	45.95	63.71	-17.76	36.07	9.65	0.06	0.17	QP
5	0.279	20.67	50.85	-30.18	10.74	9.65	0.07	0.21	Average
6	0.279	35.27	60.85	-25.58	25.34	9.65	0.07	0.21	QP
7	0.343	21.51	49.13	-27.62	11.56	9.64	0.08	0.23	Average
8	0.343	34.58	59.13	-24.55	24.63	9.64	0.08	0.23	QP
9	0.410	15.58	47.64	-32.06	5.61	9.64	0.08	0.25	Average
10	0.410	30.70	57.64	-26.94	20.73	9.64	0.08	0.25	QP
11	1.781	25.20	46.00	-20.80	15.10	9.66	0.11	0.33	Average
12	1.781	33.08	56.00	-22.92	22.98	9.66	0.11	0.33	QP

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

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

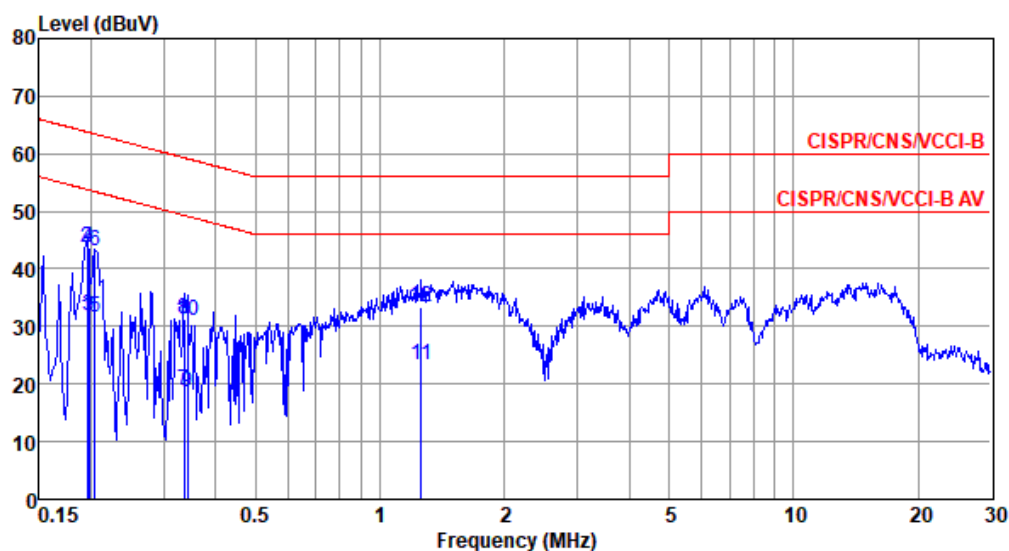


Modulation Mode	be EHT40	Test Freq. (MHz)	5835
Power Phase	Line		

Test by : Joe Liao_AK

Temperature: 26°C

Humidity: 66%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.195	31.48	53.80	-22.32	21.52	9.65	0.06	0.25	Average
2*	0.195	43.81	63.80	-19.99	33.85	9.65	0.06	0.25	QP
3	0.198	31.84	53.71	-21.87	21.88	9.65	0.06	0.25	Average
4	0.198	43.72	63.71	-19.99	33.76	9.65	0.06	0.25	QP
5	0.204	31.68	53.45	-21.77	21.72	9.65	0.06	0.25	Average
6	0.204	43.17	63.45	-20.28	33.21	9.65	0.06	0.25	QP
7	0.336	18.87	49.31	-30.44	8.85	9.64	0.07	0.31	Average
8	0.336	31.15	59.31	-28.16	21.13	9.64	0.07	0.31	QP
9	0.343	18.62	49.13	-30.51	8.59	9.64	0.08	0.31	Average
10	0.343	30.99	59.13	-28.14	20.96	9.64	0.08	0.31	QP
11	1.255	23.29	46.00	-22.71	13.17	9.65	0.10	0.37	Average
12	1.255	33.39	56.00	-22.61	23.27	9.65	0.10	0.37	QP

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

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



Modulation Mod	be EHT40	Test Freq. (MHz)	5835																																																																																																																																		
Power Phase	Neutral																																																																																																																																				
Test by : Joe Liao_AK Temperature: 26°C Humidity: 66%																																																																																																																																					
Level (dBuV) Frequency (MHz) <table><tr><th></th><th>Freq MHz</th><th>Level dBuV</th><th>Limit Line dBuV</th><th>Over Limit dB</th><th>Read Level dBuV</th><th>Factor dB</th><th>Cable loss dB</th><th>Aux dB</th><th>Remark</th></tr><tr><td>1</td><td>0.198</td><td>32.21</td><td>53.71</td><td>-21.50</td><td>22.33</td><td>9.65</td><td>0.06</td><td>0.17</td><td>Average</td></tr><tr><td>2*</td><td>0.198</td><td>45.91</td><td>63.71</td><td>-17.80</td><td>36.03</td><td>9.65</td><td>0.06</td><td>0.17</td><td>QP</td></tr><tr><td>3</td><td>0.201</td><td>32.41</td><td>53.58</td><td>-21.17</td><td>22.53</td><td>9.65</td><td>0.06</td><td>0.17</td><td>Average</td></tr><tr><td>4</td><td>0.201</td><td>45.78</td><td>63.58</td><td>-17.80</td><td>35.90</td><td>9.65</td><td>0.06</td><td>0.17</td><td>QP</td></tr><tr><td>5</td><td>0.211</td><td>30.37</td><td>53.18</td><td>-22.81</td><td>20.48</td><td>9.65</td><td>0.06</td><td>0.18</td><td>Average</td></tr><tr><td>6</td><td>0.211</td><td>45.26</td><td>63.18</td><td>-17.92</td><td>35.37</td><td>9.65</td><td>0.06</td><td>0.18</td><td>QP</td></tr><tr><td>7</td><td>0.323</td><td>21.44</td><td>49.62</td><td>-28.18</td><td>11.50</td><td>9.64</td><td>0.07</td><td>0.23</td><td>Average</td></tr><tr><td>8</td><td>0.323</td><td>34.98</td><td>59.62</td><td>-24.64</td><td>25.04</td><td>9.64</td><td>0.07</td><td>0.23</td><td>QP</td></tr><tr><td>9</td><td>0.336</td><td>21.79</td><td>49.31</td><td>-27.52</td><td>11.85</td><td>9.64</td><td>0.07</td><td>0.23</td><td>Average</td></tr><tr><td>10</td><td>0.336</td><td>34.91</td><td>59.31</td><td>-24.40</td><td>24.97</td><td>9.64</td><td>0.07</td><td>0.23</td><td>QP</td></tr><tr><td>11</td><td>1.680</td><td>24.91</td><td>46.00</td><td>-21.09</td><td>14.81</td><td>9.66</td><td>0.11</td><td>0.33</td><td>Average</td></tr><tr><td>12</td><td>1.680</td><td>33.55</td><td>56.00</td><td>-22.45</td><td>23.45</td><td>9.66</td><td>0.11</td><td>0.33</td><td>QP</td></tr></table>					Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark	1	0.198	32.21	53.71	-21.50	22.33	9.65	0.06	0.17	Average	2*	0.198	45.91	63.71	-17.80	36.03	9.65	0.06	0.17	QP	3	0.201	32.41	53.58	-21.17	22.53	9.65	0.06	0.17	Average	4	0.201	45.78	63.58	-17.80	35.90	9.65	0.06	0.17	QP	5	0.211	30.37	53.18	-22.81	20.48	9.65	0.06	0.18	Average	6	0.211	45.26	63.18	-17.92	35.37	9.65	0.06	0.18	QP	7	0.323	21.44	49.62	-28.18	11.50	9.64	0.07	0.23	Average	8	0.323	34.98	59.62	-24.64	25.04	9.64	0.07	0.23	QP	9	0.336	21.79	49.31	-27.52	11.85	9.64	0.07	0.23	Average	10	0.336	34.91	59.31	-24.40	24.97	9.64	0.07	0.23	QP	11	1.680	24.91	46.00	-21.09	14.81	9.66	0.11	0.33	Average	12	1.680	33.55	56.00	-22.45	23.45	9.66	0.11	0.33	QP
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark																																																																																																																												
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Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB). 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).																																																																																																																																					

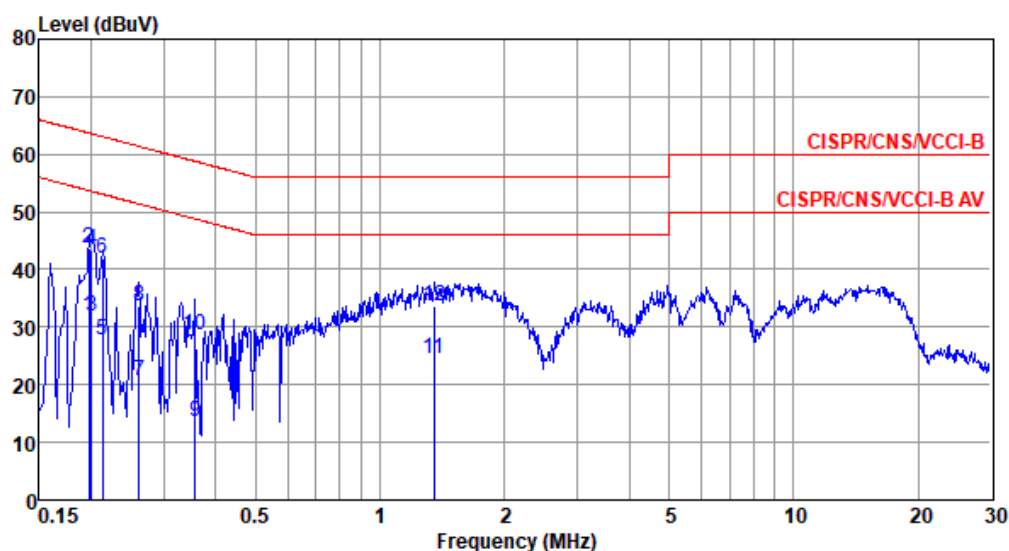


Modulation Mod	11a	Test Freq. (MHz)	5825
Power Phase	Line		

Test by : Joe Liao_AK

Temperature: 26°C

Humidity: 66%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.198	31.88	53.71	-21.83	21.92	9.65	0.06	0.25	Average
2*	0.198	43.78	63.71	-19.93	33.82	9.65	0.06	0.25	QP
3	0.201	31.92	53.58	-21.66	21.96	9.65	0.06	0.25	Average
4	0.201	43.50	63.58	-20.08	33.54	9.65	0.06	0.25	QP
5	0.213	27.70	53.10	-25.40	17.73	9.65	0.06	0.26	Average
6	0.213	41.87	63.10	-21.23	31.90	9.65	0.06	0.26	QP
7	0.262	20.79	51.38	-30.59	10.79	9.65	0.07	0.28	Average
8	0.262	33.76	61.38	-27.62	23.76	9.65	0.07	0.28	QP
9	0.358	13.70	48.78	-35.08	3.66	9.64	0.08	0.32	Average
10	0.358	28.66	58.78	-30.12	18.62	9.64	0.08	0.32	QP
11	1.352	24.46	46.00	-21.54	14.34	9.65	0.10	0.37	Average
12	1.352	33.53	56.00	-22.47	23.41	9.65	0.10	0.37	QP

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

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

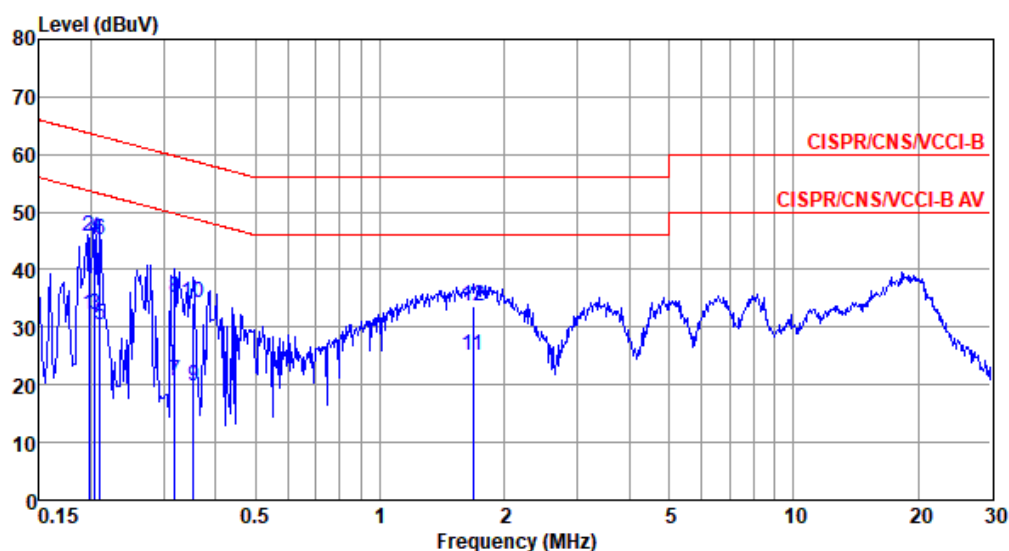


Modulation Mod	11a	Test Freq. (MHz)	5825
Power Phase	Neutral		

Test by : Joe Liao_AK

Temperature: 26°C

Humidity: 66%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.198	32.24	53.71	-21.47	22.36	9.65	0.06	0.17	Average
2*	0.198	45.89	63.71	-17.82	36.01	9.65	0.06	0.17	QP
3	0.204	32.17	53.45	-21.28	22.29	9.65	0.06	0.17	Average
4	0.204	45.58	63.45	-17.87	35.70	9.65	0.06	0.17	QP
5	0.211	30.36	53.18	-22.82	20.47	9.65	0.06	0.18	Average
6	0.211	45.19	63.18	-17.99	35.30	9.65	0.06	0.18	QP
7	0.318	20.65	49.75	-29.10	10.72	9.64	0.07	0.22	Average
8	0.318	35.26	59.75	-24.49	25.33	9.64	0.07	0.22	QP
9	0.354	19.91	48.87	-28.96	9.95	9.64	0.08	0.24	Average
10	0.354	34.34	58.87	-24.53	24.38	9.64	0.08	0.24	QP
11	1.680	25.01	46.00	-20.99	14.91	9.66	0.11	0.33	Average
12	1.680	33.76	56.00	-22.24	23.66	9.66	0.11	0.33	QP

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

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