FCC Test Report

FCC ID	:	**MXF-W1700K**
Equipment	:	**Wi-Fi 7 Router**
Model No.	:	**W1700K**
Brand Name	:	**Q Fiber**
Applicant	:	**Gemtek Technology Co., Ltd.**
Address	:	**No. 15-1 Zhonghua Road, Hsinchu Industrial Park, Hukou, Hsinchu, Taiwan, 30352.**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Jun. 27, 2023**
Tested Date	:	**Jul. 18 ~ Aug. 14, 2023**

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

Reviewed by:	**Approved by:**
Along Chen / Assistant Manager	**Gary Chang / Manager**

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Release Record

Report No.	Version	Description	Issued Date
FR362704AN	Rev. 01	Initial issue	Sep. 19, 2023

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.255MHz 41.80 (Margin -9.80dB) - AV	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]:17355.00MHz 68.09 (Margin -0.11dB) - PK	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	Conducted Output Power	Max Power [dBm]: ***Non-beamforming mode*** 5150-5250MHz: 29.43 5725-5850MHz: 29.71 ***Beamforming mode*** 5150-5250MHz: 29.32 5725-5850MHz: 29.43	Pass
15.407(a)	Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

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

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
5150-5250 5725-5850	a	5180-5240 5745-5825	36-48 [4] 149-165 [5]	4	6-54 Mbps
5150-5250 5725-5850	n (HT20)	5180-5240 5745-5825	36-48 [4] 149-165 [5]	4	MCS 0-31
5150-5250 5725-5850	n (HT40)	5190-5230 5755-5795	38-46 [2] 151-159 [2]	4	MCS 0-31
5150-5250 5725-5850	ac (VHT20)	5180-5240 5745-5825	36-48 [4] 149-165 [5]	4	MCS 0-9
5150-5250 5725-5850	ac (VHT40)	5190-5230 5755-5795	38-46 [2] 151-159 [2]	4	MCS 0-9
5150-5250 5725-5850	ac (VHT80)	5210 5775	42 [1] 155 [1]	4	MCS 0-9
5150-5250 5725-5850	ax (HE20)	5180-5240 5745-5825	36-48 [4] 149-165 [5]	4	MCS 0-11
5150-5250 5725-5850	ax (HE40)	5190-5230 5755-5795	38-46 [2] 151-159 [2]	4	MCS 0-11
5150-5250 5725-5850	ax (HE80)	5210 5775	42 [1] 155 [1]	4	MCS 0-11
5150-5250 5725-5850	be (EHT20)	5180-5240 5745-5825	36-48 [4] 149-165 [5]	4	MCS 0-13
5150-5250 5725-5850	be (EHT 40)	5190-5230 5755-5795	38-46 [2] 151-159 [2]	4	MCS 0-13
5150-5250 5725-5850	be (EHT 80)	5210 5775	42 [1] 155 [1]	4	MCS 0-13
Note 1: OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation. Note 2: 802.11be supports beamforming function.					

1.1.2 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)		
					2400~2483.5	5150~5250	5725~5850
1	Gemtek	WAPE-269BE_Dual_Ant1	PIFA	UFL	1.13	2.45	1.32
2	Gemtek	WAPE-269BE_Dual_Ant2	PIFA	UFL	1.49	3.28	1.57
3	Gemtek	WAPE-269BE_Dual_Ant3	PIFA	UFL	1.67	3.66	2.9
4	Gemtek	WAPE-269BE_Dual_Ant4	PIFA	UFL	1.69	2.9	3.6

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	12Vdc from AC adapter

1.1.4 Accessories

Accessories		
No.	**Equipment**	**Description**
1	AC adapter	Brand: LUCENT TRANS ELECTRONICS CO., LTD. Model: 1A98-LJHL I/P: 100-120V~1.6A, 50-60Hz O/P: 12V⎓5.0A, 60.0W Power Line: 1.8m non-shielded without core
2	AC adapter	Brand: LEI Model: ML60-4120500-A1 I/P: 120V~60Hz, 1.5A O/P: 12V⎓5.0A Power Line: 1.8m non-shielded without core
3	RJ45	Brand: Tung Li Line: 1.8m non-shielded without core
4	RJ45	Brand: RAPID CONN Line: 1.8m non-shielded without core
5	Fan	Brand: SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO LTD Model: MF70151V1-1C010-S99
6	Fan	Brand: Yingfan Model: DB701512HMS4B01F25

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	151	5755
48	5240	159	5795
149	5745	**802.11ac VHT80 / ax HE80 / be EHT80**	
153	5765	42	5210
157	5785	155	5775
161	5805	-	-
165	5825	-	-

1.1.6 Test Tool and Duty Cycle

Test Tool	QATool, Version: 0.0.2.99		
Duty Cycle and Duty Factor	**Mode**	**Duty Cycle (%)**	**Duty Factor (dB)**
	11a	98.48%	0.07
	be EHT20-OFDMA	99.28%	0.03
	be EHT40-OFDMA	99.01%	0.04
	be EHT80-OFDMA	95.15%	0.22

1.1.7 Power Index of Test Tool

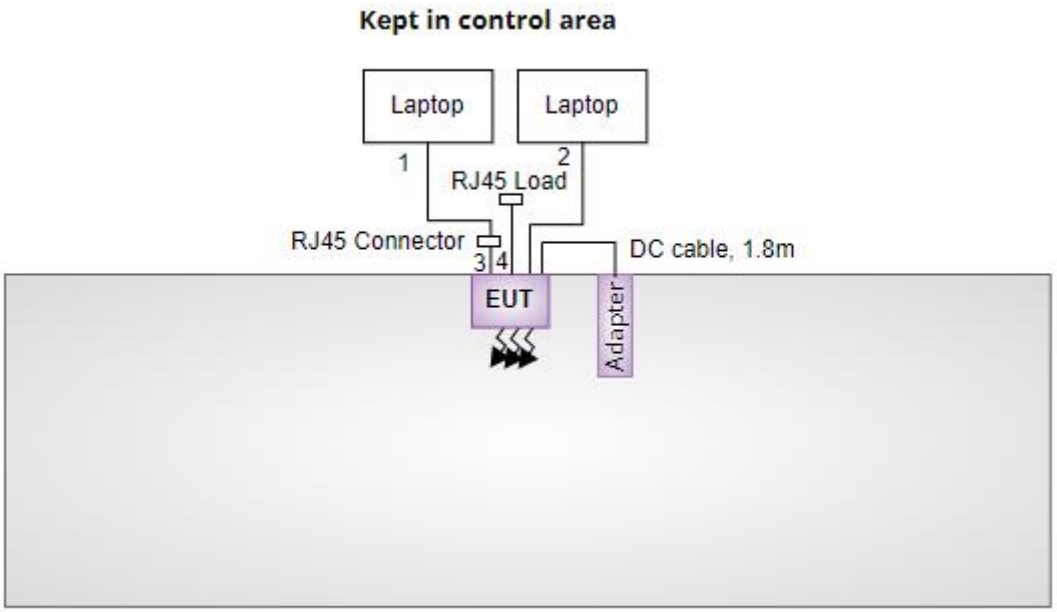
Modulation Mode	Test Frequency (MHz)	Power Index	
		Non-Beamforming	Beamforming
11a	5180	20	---
11a	5200	20.5	---
11a	5240	20	---
11a	5745	20.5	---
11a	5785	17.5	---
11a	5825	19.5	---
be EHT20-OFDMA	5180	20	40
be EHT20-OFDMA	5200	21	42
be EHT20-OFDMA	5240	21	42
be EHT20-OFDMA	5745	20.5	41
be EHT20-OFDMA	5785	17.5	36
be EHT20-OFDMA	5825	19.5	43
be EHT40-OFDMA	5190	18	35
be EHT40-OFDMA	5230	20.5	40
be EHT40-OFDMA	5755	20.5	41
be EHT40-OFDMA	5795	20.5	41
be EHT80-OFDMA	5210	17.5	35
be EHT80-OFDMA	5775	19.5	39

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	RJ45 Load	ICC	--	--	---
2	RJ45 Connector	ICC	RJ45 Connector	--	---
3	Laptop	DELL	Latitude 5400	DoC	---
4	Laptop	DELL	Latitude E5470	DoC	---

1.3 Test Setup Chart

Test Setup Diagram



No.	Signal cable / Length (m)
1-2	RJ45, 10m non-shielded.
3	RJ45, 1.8m non-shielded.
4	RJ45, 1.3m(x2) non-shielded with load.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Aug. 10, 2023				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 17, 2023	Feb. 16, 2024
LISN	R&S	ENV216	101579	May 09, 2023	May 08, 2024
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127667	Jan .03, 2023	Jan .02, 2024
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 17, 2022	Oct. 16, 2023
50 ohm terminal (Support Unit)	NA	50	01	Jun. 14, 2023	Jun. 13, 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 chamber1 / (03CH01-WS)				
Tested Date	Aug. 02, 2023				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 03, 2023	Mar. 02, 2024
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 01, 2022	Oct. 31, 2023
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 31, 2023	Jul. 30, 2024
Preamplifier	EMC	EMC02325	980225	Jun. 28, 2023	Jun. 27, 2024
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 04, 2022	Oct. 03, 2023
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 04, 2022	Oct. 03, 2023
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 04, 2022	Oct. 03, 2023
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 04, 2022	Oct. 03, 2023
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission above 1GHz				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Jul. 18 ~ Aug. 08, 2023				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101498	Nov. 21, 2022	Nov. 20, 2023
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Nov. 25, 2022	Nov. 24, 2023
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Oct. 27, 2022	Oct. 26, 2023
Preamplifier	EMC	EMC118A45SE	980898	Jul. 14, 2023	Jul. 13, 2024
Preamplifier	EMC	EMC184045SE	980903	Jul. 17, 2023	Jul. 16, 2024
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 04, 2022	Oct. 03, 2023
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 04, 2022	Oct. 03, 2023
HIGHPASS FILTER 7-18G	K&L	11SH10-7000/T18000-O/OP	18	Oct. 06, 2022	Oct. 05, 2023
Attenuator	Pasternack	PE7005-10	10-1	Oct. 06, 2022	Oct. 05, 2023
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	Aug. 01 ~ Aug. 14, 2023				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101910	Apr. 14, 2023	Apr. 13, 2024
Power Meter	Anritsu	ML2495A	1241002	Nov. 23, 2022	Nov. 22, 2023
Power Sensor	Anritsu	MA2411B	1207366	Nov. 23, 2022	Nov. 22, 2023
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 21, 2023	Jun. 20, 2024
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 09, 2022	Dec. 08, 2023
Attenuator	Pasternack	PE7005-10	10-2	Oct. 06, 2022	Oct. 05, 2023
Measurement Software	Sporton	SENSE-15407_NII	V5.10	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.407
ANSI C63.10-2013

1.6 Reference Guidance

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

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

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

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Unwanted Emission ≤ 1GHz	±3.41 dB
Unwanted Emission > 1GHz	±4.59 dB
Time	±0.1%
Temperature	±0.4 °C

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

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

2.2 The Worst Test Modes and Channel Details

For Frequency band 5150-5250 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
Non-beamforming mode				
AC Power Line Conducted Emission	be EHT20-OFDMA	5240	MCS 0	---
Unwanted Emissions ≤1GHz	be EHT20-OFDMA	5240	MCS 0	---
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth Power Spectral Density	11a be EHT20-OFDMA be EHT40-OFDMA be EHT80-OFDMA	5180 / 5200 / 5240 5180 / 5200 / 5240 5190 / 5230 5210	6 Mbps MCS 0 MCS 0 MCS 0	---
Frequency Stability	Un-modulation	5200	---	---
Beamforming mode				
Conducted Output Power	be EHT20-OFDMA be EHT40-OFDMA be EHT80-OFDMA	5180 / 5200 / 5240 5190 / 5230 5210	MCS 0 MCS 0 MCS 0	---
For Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
Non-beamforming mode				
AC Power Line Conducted Emission	11a	5745	6 Mbps	---
Unwanted Emissions ≤1GHz	11a	5745	6 Mbps	---
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth Power Spectral Density	11a be EHT20-OFDMA be EHT40-OFDMA be EHT80-OFDMA	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0	---
Frequency Stability	Un-modulation	5785	---	---
Beamforming mode				
Conducted Output Power	be EHT20-OFDMA be EHT40-OFDMA be EHT80-OFDMA	5745 / 5785 / 5825 5755 / 5795 5775	MCS 0 MCS 0 MCS 0	---

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.
2. Two adapters (LUCENT TRANS ELECTRONICS CO., LTD and LEI) had been covered during the pretest, and found that **LEI adapter** was the worst case of AC Power line conducted emission test item and **LUCENT TRANS ELECTRONICS CO., LTD adapter** was the worst case of Unwanted Emission test item.
3. Two RJ45 cable (Tung Li and RAPID CONN) had been covered during the pretest, and found that **Tung Li adapter** was the worst case and was selected for final test.
4. Two Fan (SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO LTD and Yingfan) had been covered during the pretest, and found that **Yingfan** was the worst case and was selected for final test.
5. Non-beamforming and beamforming mode had been covered during the pretest. The worst mode is Non-beamforming thus Non-beamforming is tested for all test items.

3 Transmitter Test Results

3.1 Emission Bandwidth

3.1.1 Limit of Emission Bandwidth

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

3.1.2 Test Procedures

26dB Bandwidth

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

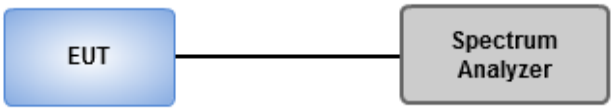
Occupied Bandwidth

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

6dB Bandwidth

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

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	23-26°C / 66-68%	**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**
☒	5725 ~ 5850	Conducted Power: 1 W
Note: “B” is the 26dB emission bandwidth in MHz.		

3.2.2 Test Procedures

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

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

3.2.3 Test Setup

3.2.4 Test Results

Ambient Condition	23-26°C / 66-68%	**Tested By**	Roger Lu

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**
☒	5725 ~ 5850	30 dBm /500 kHz

3.3.2 Test Procedures

For 5150 ~ 5250 MHz

Duty cycle ≥ 98 %

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

Duty cycle < 98 %

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

For 5725 ~ 5850 MHz

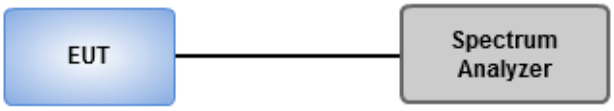
Duty cycle ≥ 98 %

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

Duty cycle < 98 %

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

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	23-26°C / 66-68%	Tested By	Roger Lu

Refer to Appendix C.

3.4 Unwanted Emissions

3.4.1 Limit of Unwanted Emissions

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

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

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

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

3.4.2 Test Procedures

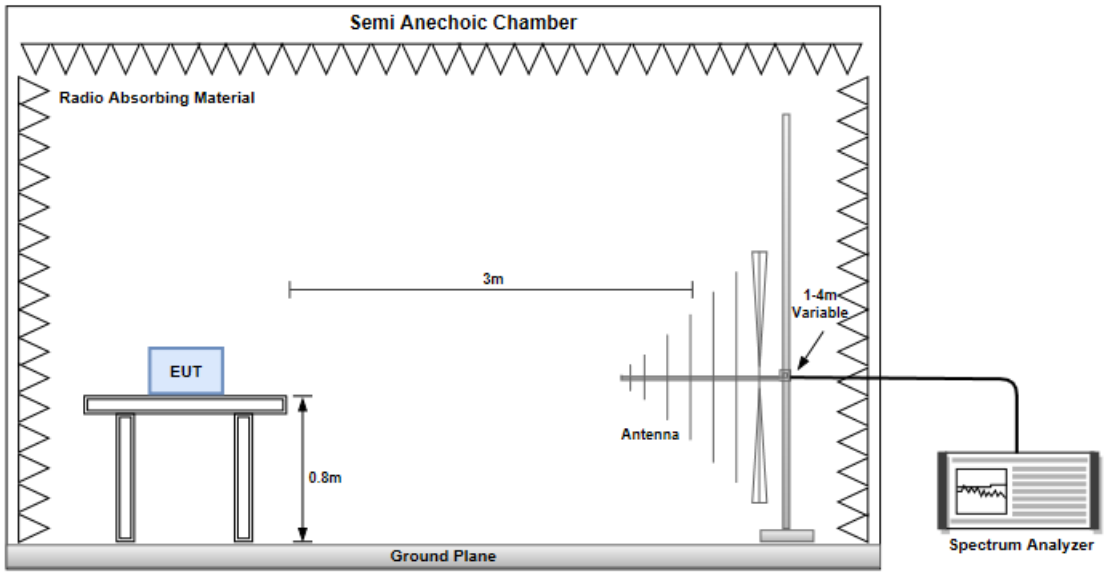
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

Note:

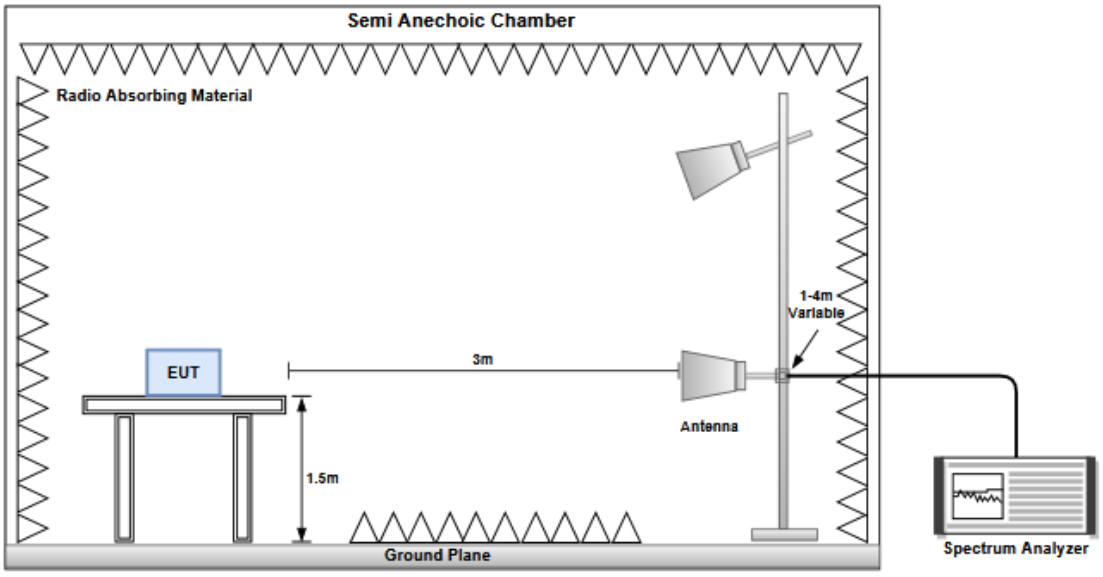
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Frequency Stability

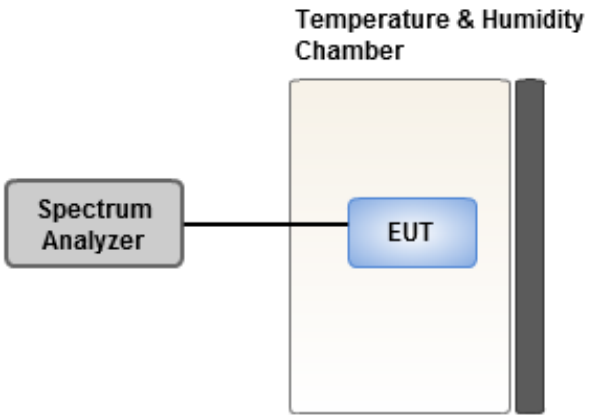
3.5.1 Limit of Frequency Stability

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

3.5.2 Test Procedures

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

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	23-26°C / 66-68%	Tested By	Roger Lu

Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

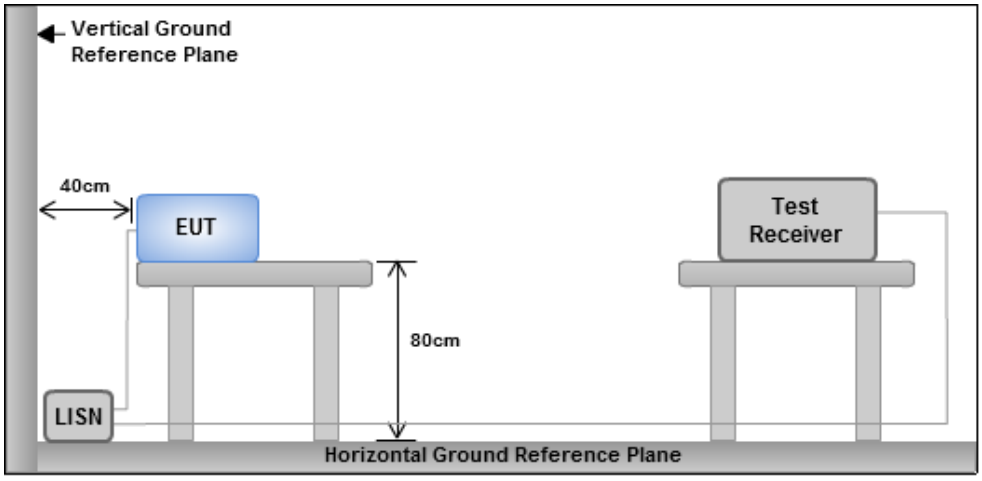
3.6.1 Limit of AC Power Line Conducted Emissions

Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.6.2 Test Procedures

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

3.6.3 Test Setup



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 Test laboratory information

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

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

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

Linkou

Tel: 886-2-2601-1640

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

Kwei Shan

Tel: 886-3-271-8666

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

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

Kwei Shan Site II

Tel: 886-3-271-8640

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

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

Tel: 886-3-271-8666
Fax: 886-3-318-0345
Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	32.076M	16.571M	16M6D1D	18.612M	16.333M
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA	27.588M	18.981M	19M0D1D	19.8M	18.831M
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA	47.388M	37.661M	37M7D1D	39.072M	37.361M
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA	88.704M	76.882M	76M9D1D	80.784M	76.282M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.368M	19.922M	19M9D1D	16.302M	16.413M
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA	19.008M	20.54M	20M5D1D	18.414M	18.891M
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA	36.432M	38.321M	38M3D1D	31.812M	37.781M
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA	73.656M	77.361M	77M4D1D	55.44M	77.001M

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

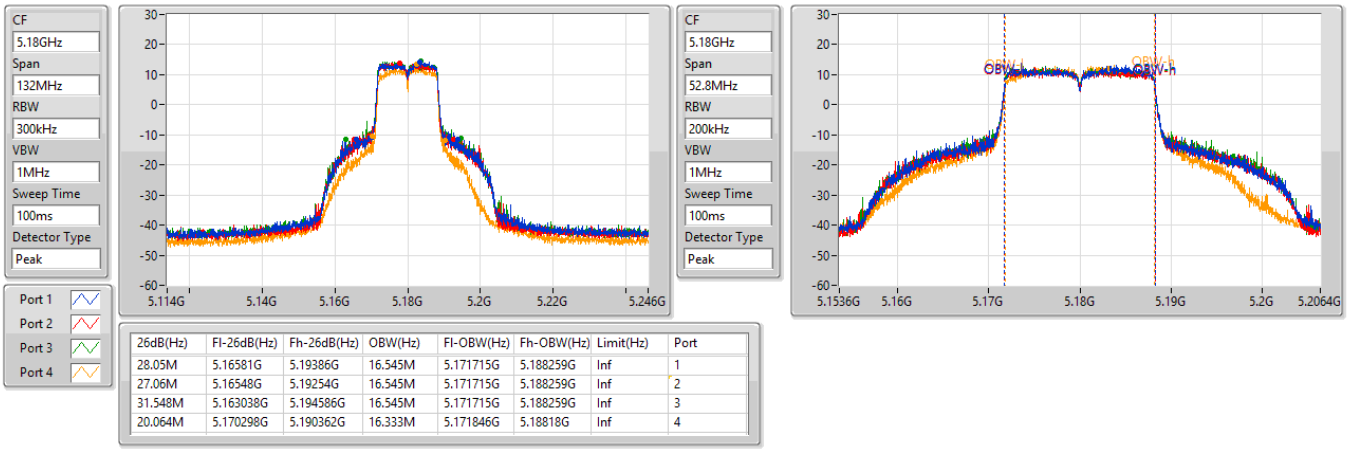
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.05M	16.545M	27.06M	16.545M	31.548M	16.545M	20.064M	16.333M
5200MHz	Pass	Inf	26.664M	16.571M	32.076M	16.571M	25.476M	16.545M	27.918M	16.571M
5240MHz	Pass	Inf	19.272M	16.439M	18.876M	16.439M	18.612M	16.413M	19.206M	16.36M
5745MHz	Pass	500k	16.368M	16.835M	16.368M	16.94M	16.368M	17.019M	16.302M	16.993M
5785MHz	Pass	500k	16.368M	16.439M	16.368M	16.413M	16.368M	16.413M	16.368M	16.413M
5825MHz	Pass	500k	16.368M	18.444M	16.368M	19.922M	16.368M	18.286M	16.368M	18.919M
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.948M	18.951M	26.928M	18.951M	27.588M	18.951M	22.704M	18.861M
5200MHz	Pass	Inf	23.43M	18.951M	24.75M	18.951M	24.024M	18.981M	20.658M	18.831M
5240MHz	Pass	Inf	19.866M	18.921M	19.998M	18.921M	19.8M	18.921M	19.8M	18.891M
5745MHz	Pass	500k	19.008M	19.13M	19.008M	19.07M	19.008M	19.07M	18.876M	19.1M
5785MHz	Pass	500k	18.942M	18.891M	19.008M	18.891M	18.876M	18.921M	18.942M	18.921M
5825MHz	Pass	500k	18.876M	19.16M	18.414M	20.54M	19.008M	19.22M	19.008M	19.25M
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.072M	37.541M	39.336M	37.481M	39.204M	37.541M	47.388M	37.661M
5230MHz	Pass	Inf	39.468M	37.421M	39.072M	37.541M	39.072M	37.421M	39.072M	37.361M
5755MHz	Pass	500k	35.376M	37.781M	34.98M	37.841M	35.112M	37.841M	36.432M	37.781M
5795MHz	Pass	500k	31.812M	38.321M	33.792M	38.021M	35.244M	38.081M	32.076M	38.081M
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.312M	76.882M	83.424M	76.882M	88.704M	76.882M	80.784M	76.282M
5775MHz	Pass	500k	73.656M	77.361M	66.264M	77.121M	68.64M	77.121M	55.44M	77.001M

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

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

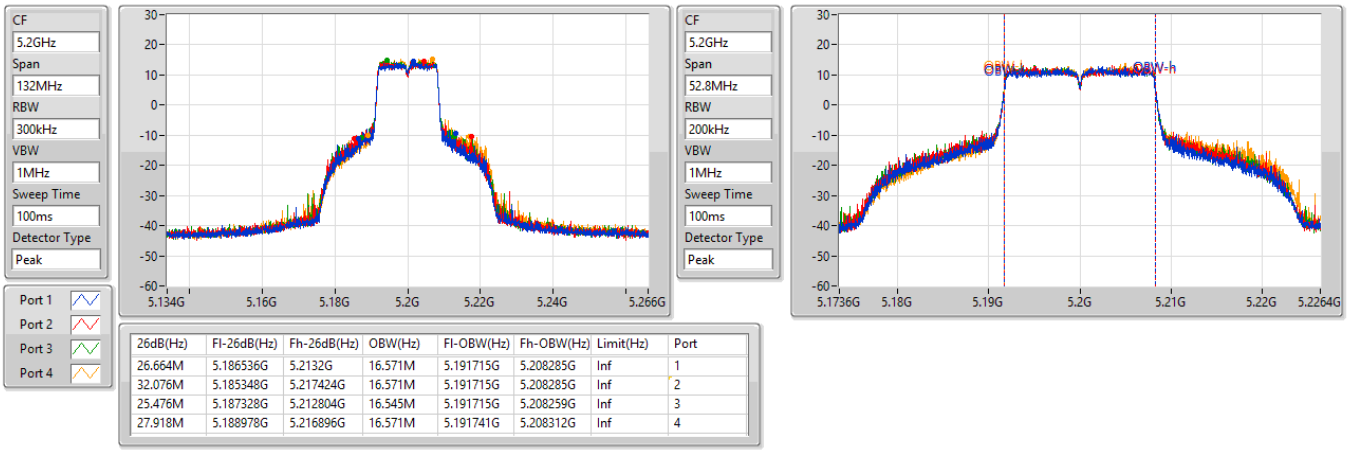
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.05M	5.16581G	5.19386G	16.545M	5.171715G	5.188259G	Inf	1
27.06M	5.16548G	5.19254G	16.545M	5.171715G	5.188259G	Inf	2
31.548M	5.163038G	5.194586G	16.545M	5.171715G	5.188259G	Inf	3
20.064M	5.170298G	5.190362G	16.333M	5.171846G	5.18818G	Inf	4

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

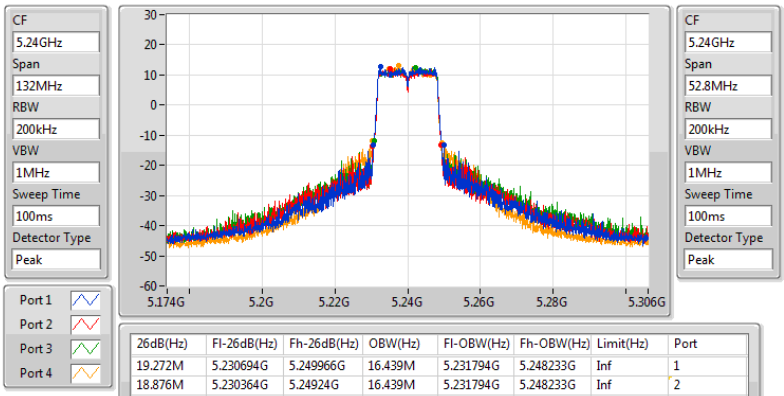
5200MHz

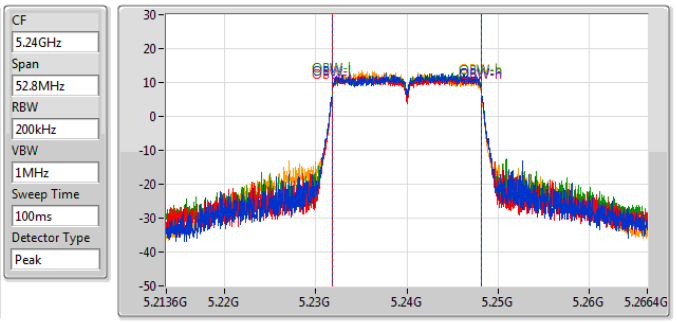


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.664M	5.186536G	5.2132G	16.571M	5.191715G	5.208285G	Inf	1
32.076M	5.185348G	5.217424G	16.571M	5.191715G	5.208285G	Inf	2
25.476M	5.187328G	5.212804G	16.545M	5.191715G	5.208259G	Inf	3
27.918M	5.188978G	5.216896G	16.571M	5.191741G	5.208312G	Inf	4

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

5240MHz

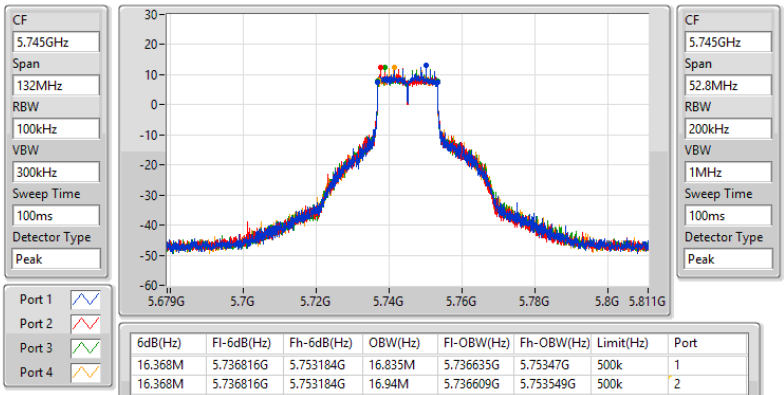


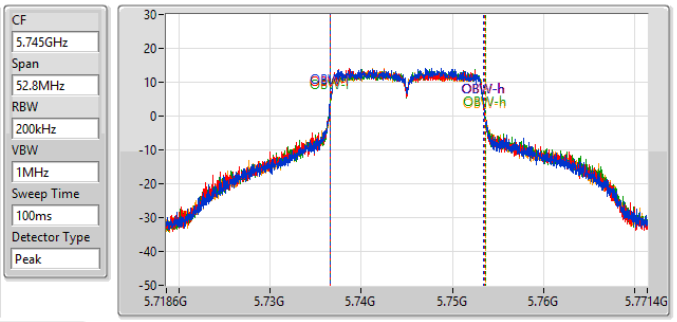


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.272M	5.230694G	5.249966G	16.439M	5.231794G	5.248233G	Inf	1
18.876M	5.230364G	5.24924G	16.439M	5.231794G	5.248233G	Inf	2
18.612M	5.230826G	5.249438G	16.413M	5.23182G	5.248233G	Inf	3
19.206M	5.230298G	5.249504G	16.36M	5.23182G	5.24818G	Inf	4

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

5745MHz

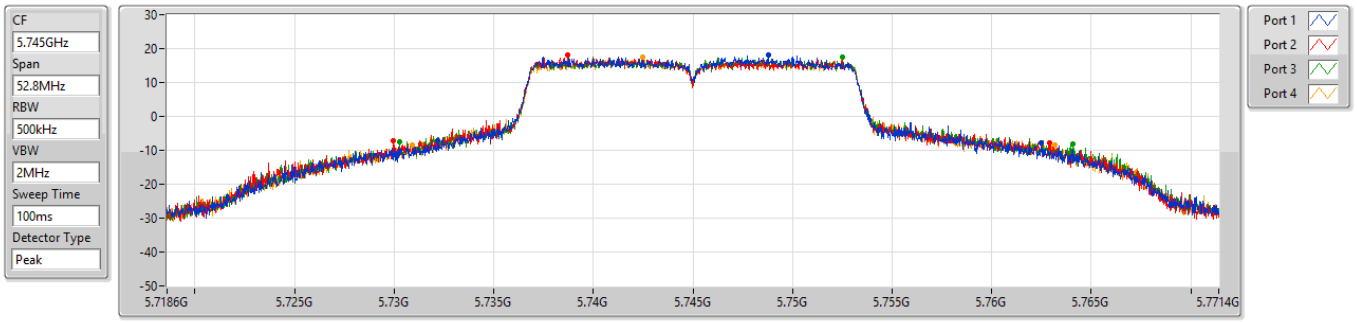




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.368M	5.736816G	5.753184G	16.835M	5.736635G	5.75347G	500k	1
16.368M	5.736816G	5.753184G	16.94M	5.736609G	5.753549G	500k	2
16.368M	5.736816G	5.753184G	17.019M	5.736609G	5.753628G	500k	3
16.302M	5.736882G	5.753184G	16.993M	5.736635G	5.753628G	500k	4

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

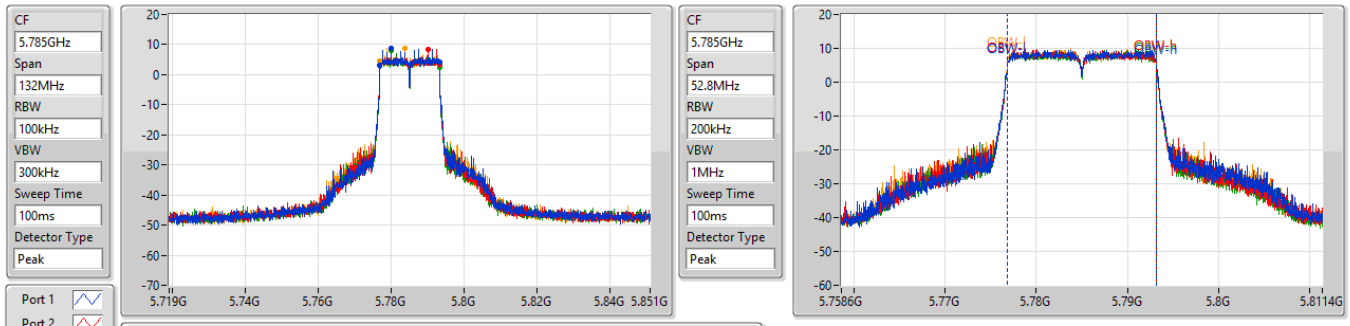
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
30.281M	5.732196G	5.762477G	Inf	1
32.947M	5.729978G	5.762926G	Inf	2
33.792M	5.730269G	5.764061G	Inf	3
32.261M	5.730902G	5.763163G	Inf	4

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

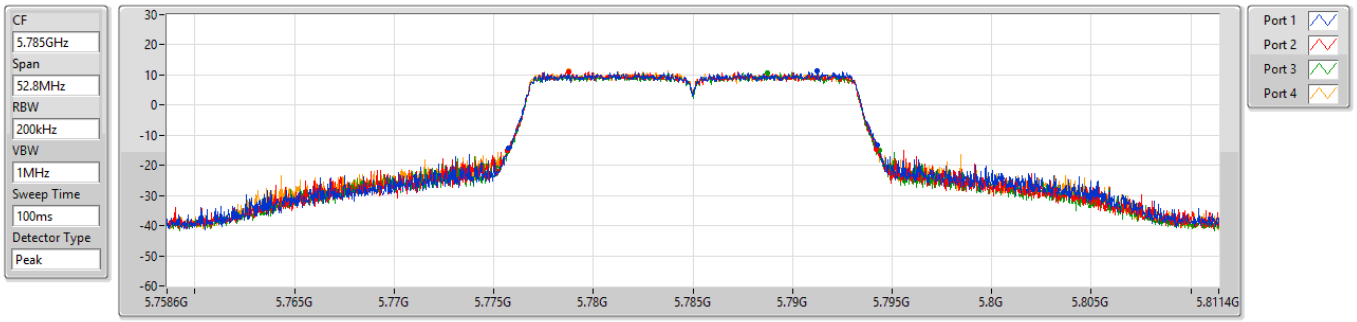
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.368M	5.776816G	5.793184G	16.439M	5.776794G	5.793233G	500k	1
16.368M	5.776816G	5.793184G	16.413M	5.776794G	5.793206G	500k	2
16.368M	5.776816G	5.793184G	16.413M	5.776794G	5.793206G	500k	3
16.368M	5.776816G	5.793184G	16.413M	5.776794G	5.793206G	500k	4

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

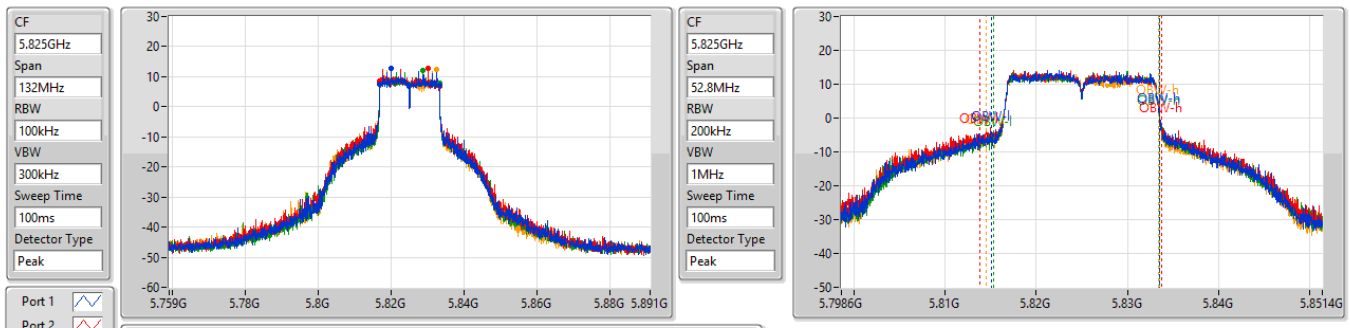
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
18.506M	5.775734G	5.79424G	Inf	1
18.533M	5.775681G	5.794214G	Inf	2
18.691M	5.775681G	5.794372G	Inf	3
18.506M	5.77576G	5.794266G	Inf	4

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

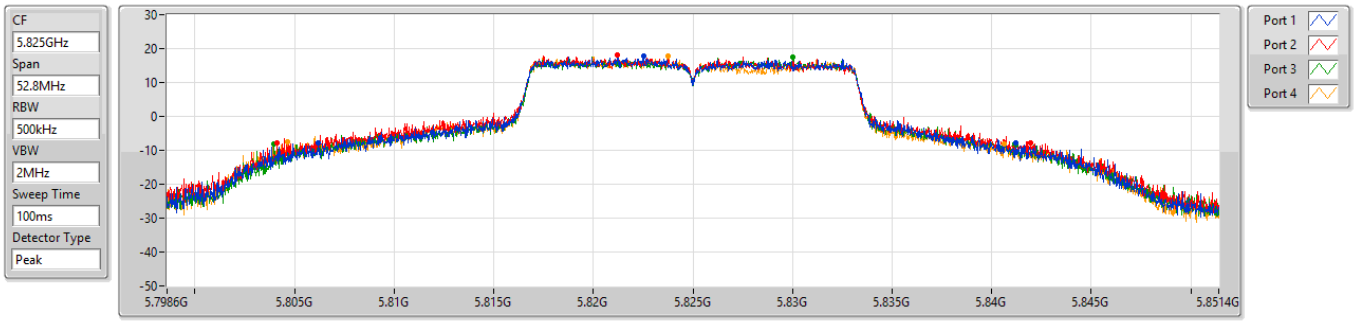
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.368M	5.816816G	5.833184G	18.444M	5.815131G	5.833576G	500k	1
16.368M	5.816816G	5.833184G	19.922M	5.813838G	5.83376G	500k	2
16.368M	5.816816G	5.833184G	18.286M	5.815263G	5.833549G	500k	3
16.368M	5.816816G	5.833184G	18.919M	5.814524G	5.833444G	500k	4

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

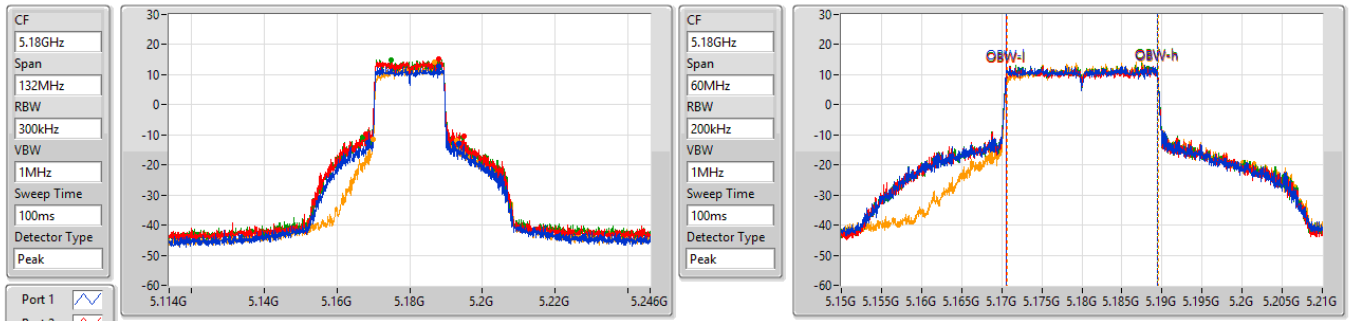
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.033M	5.806203G	5.841236G	Inf	1
37.831M	5.804144G	5.841975G	Inf	2
37.224M	5.803986G	5.84121G	Inf	3
35.957M	5.804672G	5.840629G	Inf	4

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

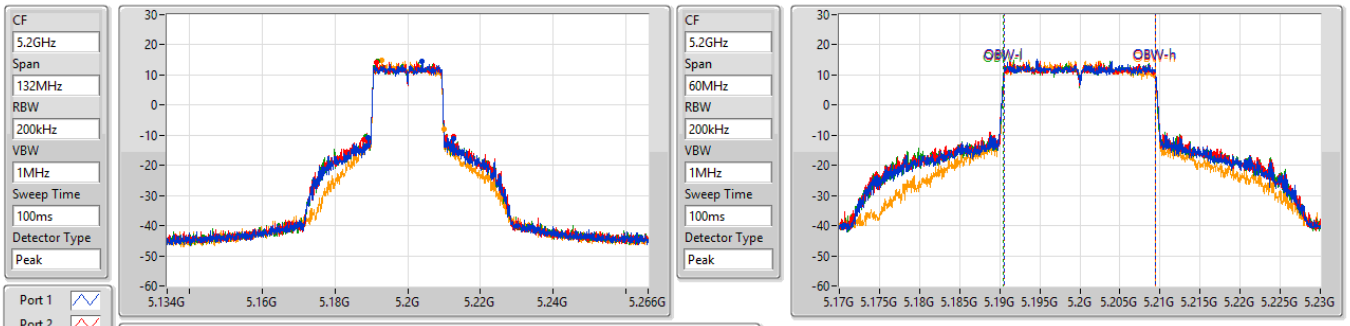
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.948M	5.168516G	5.193464G	18.951M	5.170525G	5.189475G	Inf	1
26.928M	5.167988G	5.194916G	18.951M	5.170525G	5.189475G	Inf	2
27.588M	5.167196G	5.194784G	18.951M	5.170525G	5.189475G	Inf	3
22.704M	5.1701G	5.192804G	18.861M	5.170645G	5.189505G	Inf	4

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

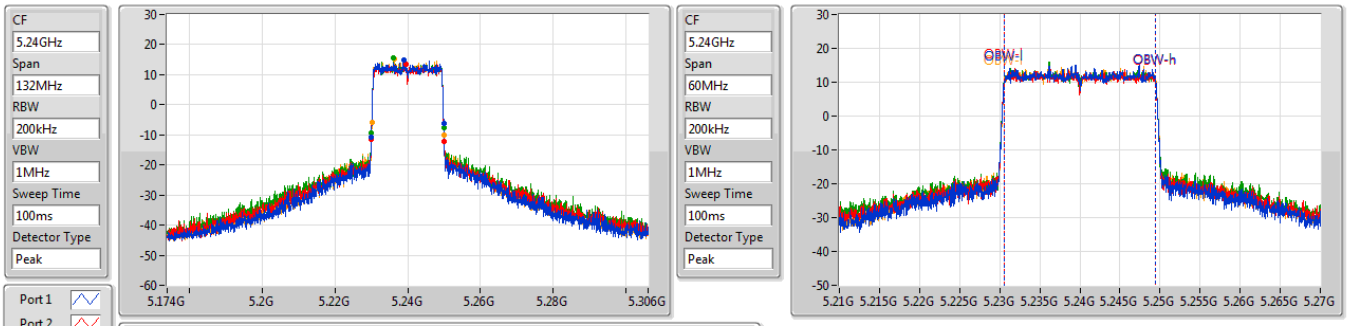
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.43M	5.189176G	5.212606G	18.951M	5.190525G	5.209475G	Inf	1
24.75M	5.187922G	5.212672G	18.951M	5.190525G	5.209475G	Inf	2
24.024M	5.188648G	5.212672G	18.981M	5.190495G	5.209475G	Inf	3
20.658M	5.189242G	5.2099G	18.831M	5.190555G	5.209385G	Inf	4

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

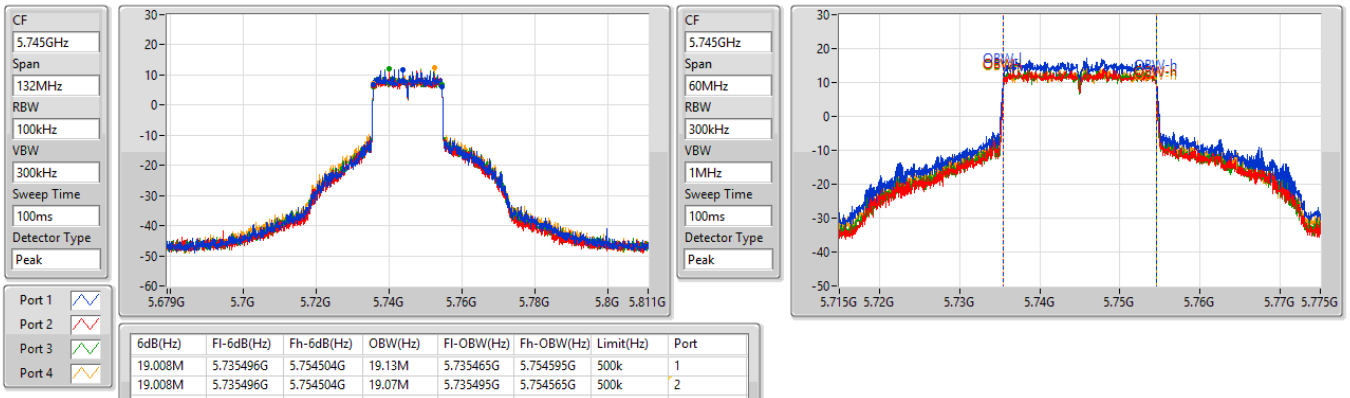
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.866M	5.230034G	5.2499G	18.921M	5.230555G	5.249475G	Inf	1
19.998M	5.230034G	5.250032G	18.921M	5.230555G	5.249475G	Inf	2
19.8M	5.2301G	5.2499G	18.921M	5.230555G	5.249475G	Inf	3
19.8M	5.230166G	5.249966G	18.891M	5.230585G	5.249475G	Inf	4

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

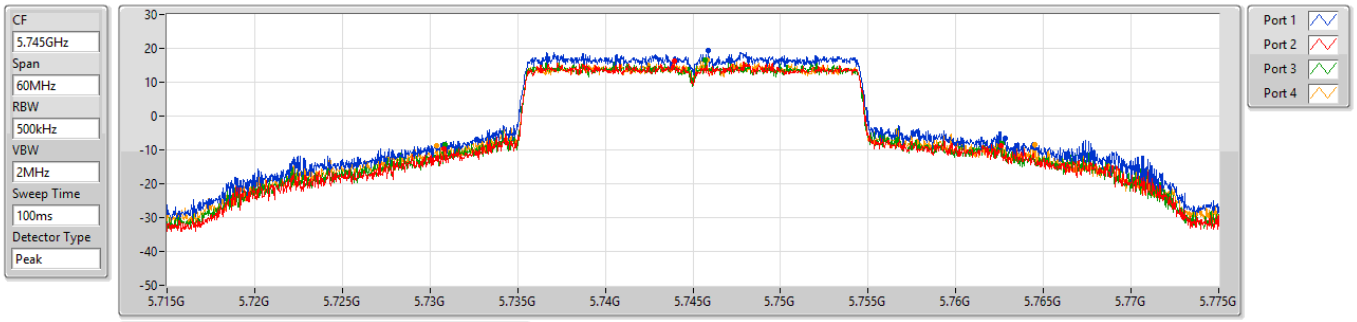
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.008M	5.735496G	5.754504G	19.13M	5.735465G	5.754595G	500k	1
19.008M	5.735496G	5.754504G	19.07M	5.735495G	5.754565G	500k	2
19.008M	5.735496G	5.754504G	19.07M	5.735495G	5.754565G	500k	3
18.876M	5.735562G	5.754438G	19.1M	5.735495G	5.754595G	500k	4

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

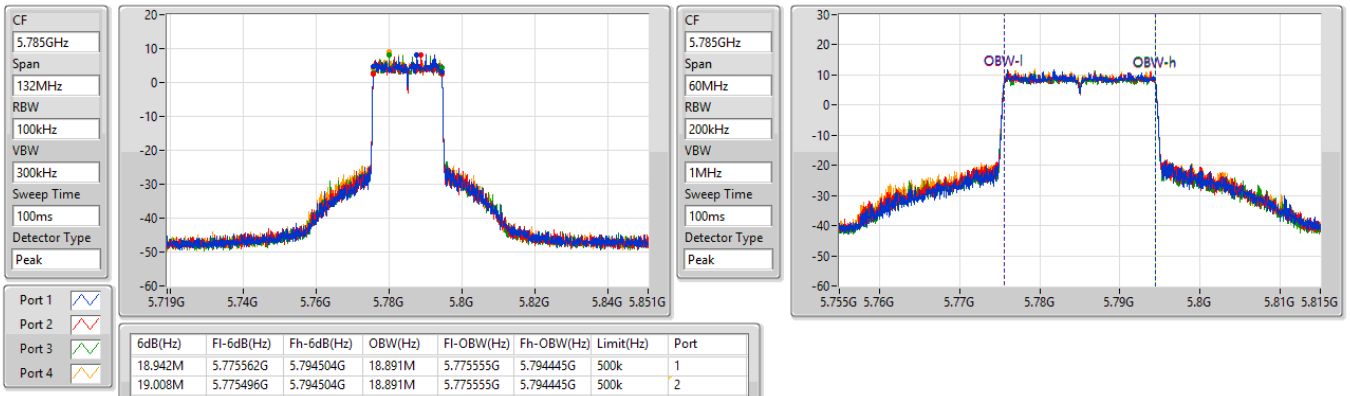
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
30.15M	5.73264G	5.76279G	Inf	1
31.77M	5.73081G	5.76258G	Inf	2
31.77M	5.73084G	5.76261G	Inf	3
34.14M	5.73039G	5.76453G	Inf	4

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

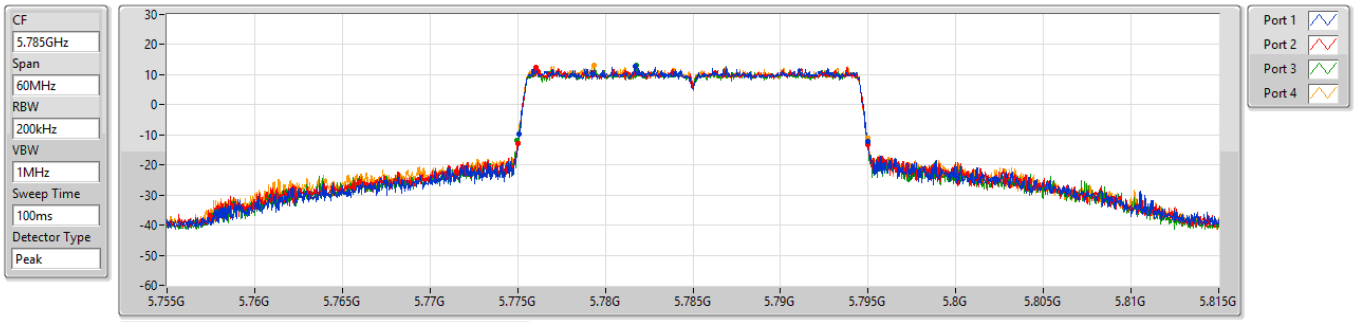
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.942M	5.775562G	5.794504G	18.891M	5.775555G	5.794445G	500k	1
19.008M	5.775496G	5.794504G	18.891M	5.775555G	5.794445G	500k	2
18.876M	5.775562G	5.794438G	18.921M	5.775555G	5.794475G	500k	3
18.942M	5.775496G	5.794438G	18.921M	5.775525G	5.794445G	500k	4

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

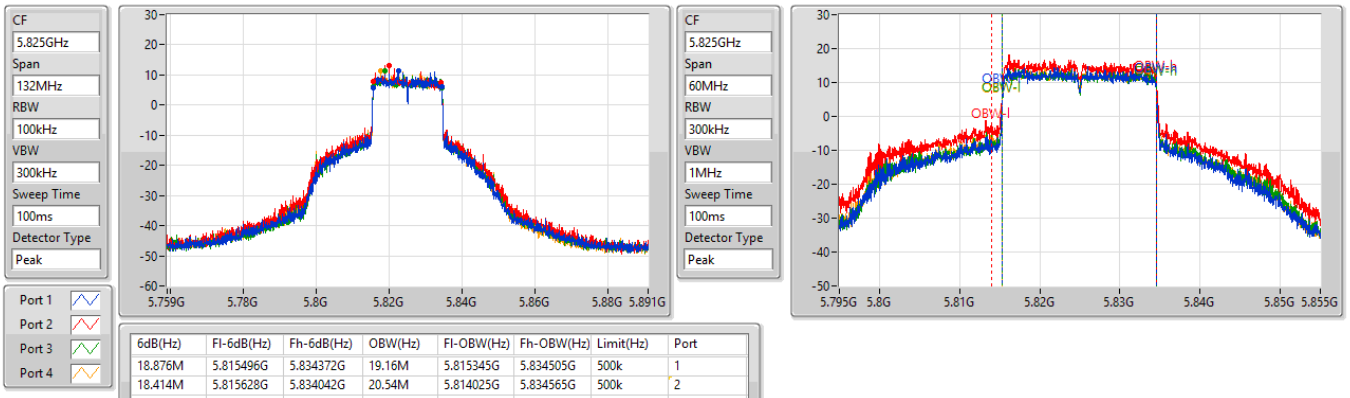
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.89M	5.77507G	5.79496G	Inf	1
19.98M	5.77501G	5.79499G	Inf	2
19.98M	5.77498G	5.79496G	Inf	3
19.95M	5.77501G	5.79496G	Inf	4

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

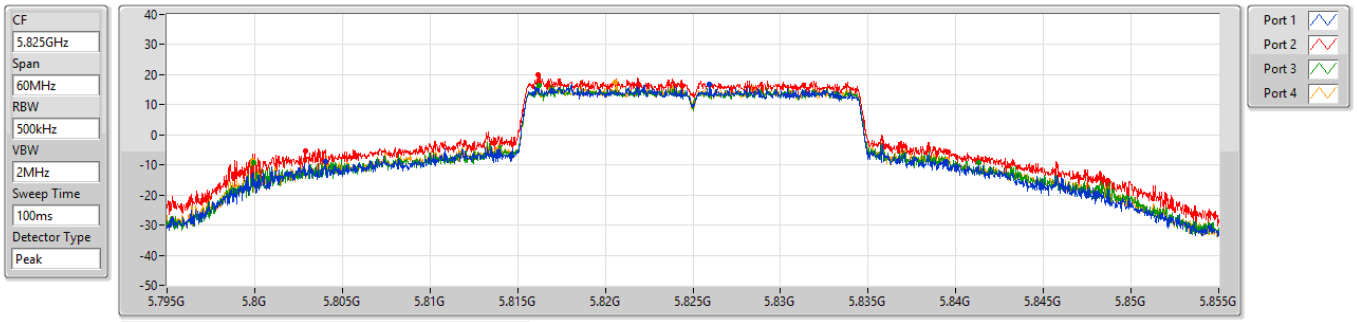
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.876M	5.815496G	5.834372G	19.16M	5.815345G	5.834505G	500k	1
18.414M	5.815628G	5.834042G	20.54M	5.814025G	5.834565G	500k	2
19.008M	5.815496G	5.834504G	19.22M	5.815315G	5.834535G	500k	3
19.008M	5.815496G	5.834504G	19.25M	5.815285G	5.834535G	500k	4

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

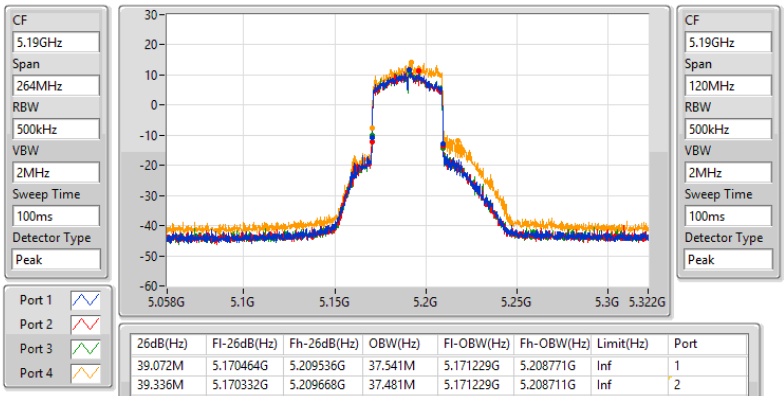
5825MHz

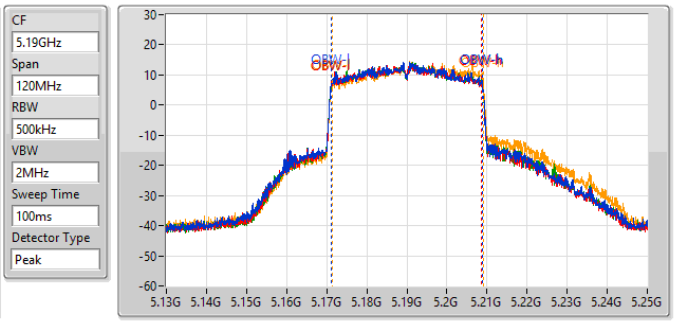


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.4M	5.80406G	5.83946G	Inf	1
36.66M	5.80292G	5.83958G	Inf	2
41.37M	5.79992G	5.84129G	Inf	3
39.63M	5.79986G	5.83949G	Inf	4

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

5190MHz

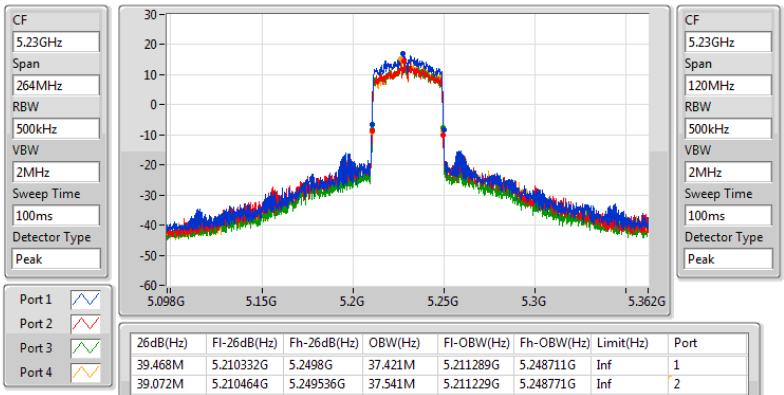


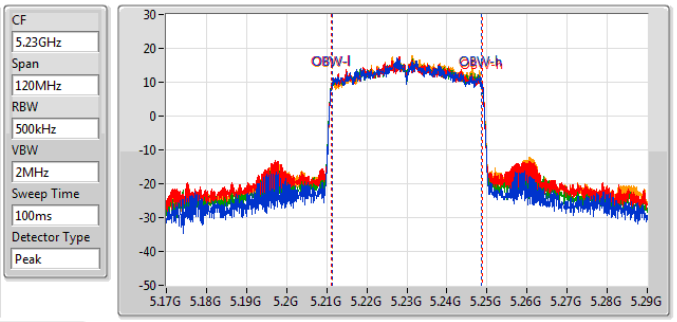


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.072M	5.170464G	5.209536G	37.541M	5.171229G	5.208771G	Inf	1
39.336M	5.170332G	5.209668G	37.481M	5.171229G	5.208711G	Inf	2
39.204M	5.170464G	5.209668G	37.541M	5.171229G	5.208771G	Inf	3
47.388M	5.170332G	5.21772G	37.661M	5.171349G	5.20901G	Inf	4

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

5230MHz

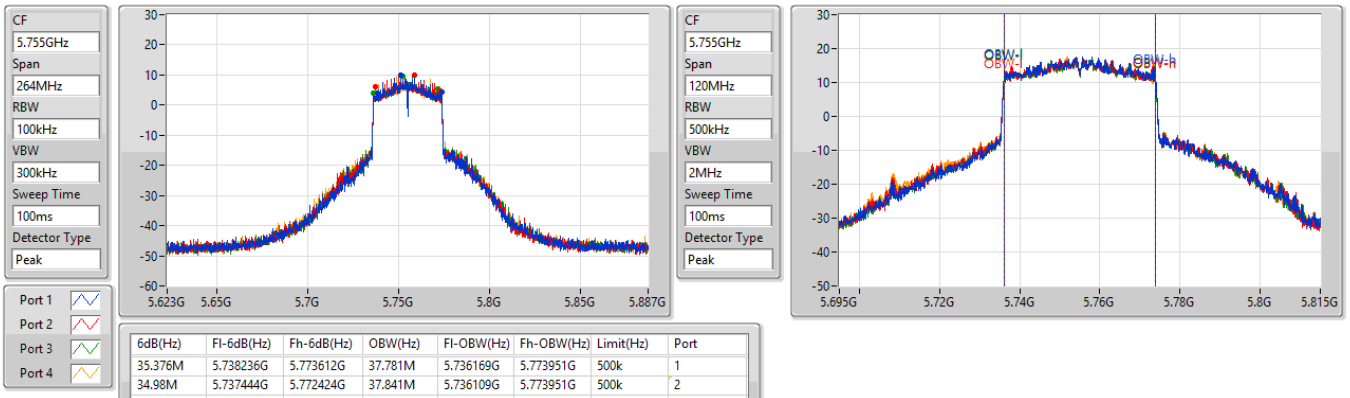




26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.468M	5.210332G	5.2498G	37.421M	5.211289G	5.248711G	Inf	1
39.072M	5.210464G	5.249536G	37.541M	5.211229G	5.248771G	Inf	2
39.072M	5.210464G	5.249536G	37.421M	5.211289G	5.248711G	Inf	3
39.072M	5.210464G	5.249536G	37.361M	5.211349G	5.248711G	Inf	4

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

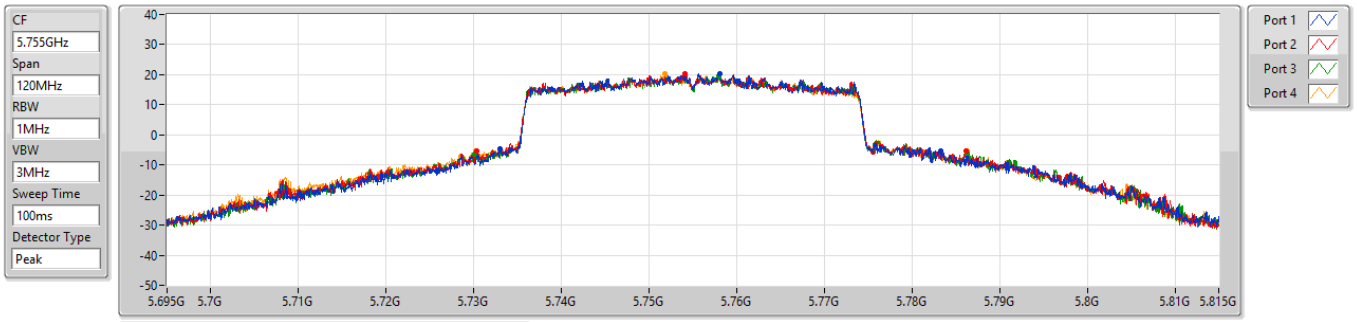
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.376M	5.738236G	5.773612G	37.781M	5.736169G	5.773951G	500k	1
34.98M	5.737444G	5.772424G	37.841M	5.736109G	5.773951G	500k	2
35.112M	5.736256G	5.771368G	37.841M	5.736109G	5.773951G	500k	3
36.432M	5.736784G	5.773216G	37.781M	5.736109G	5.773891G	500k	4

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

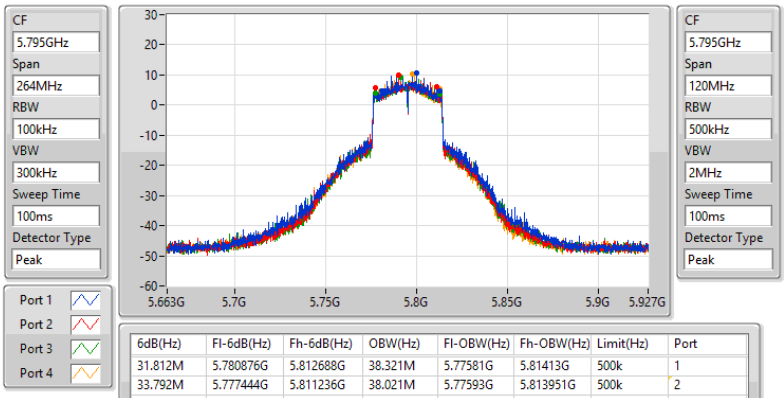
5755MHz

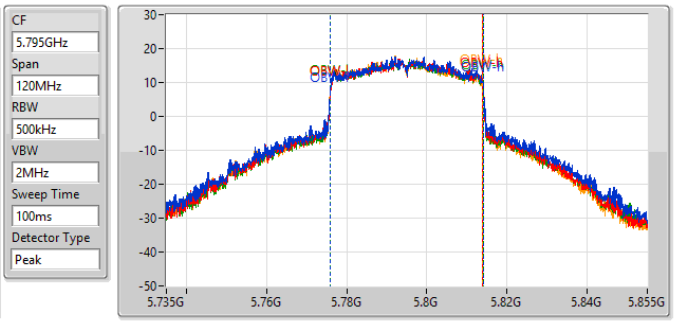


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
50.28M	5.73298G	5.78326G	Inf	1
55.92M	5.73028G	5.7862G	Inf	2
56.16M	5.7301G	5.78626G	Inf	3
56.1M	5.73016G	5.78626G	Inf	4

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

5795MHz

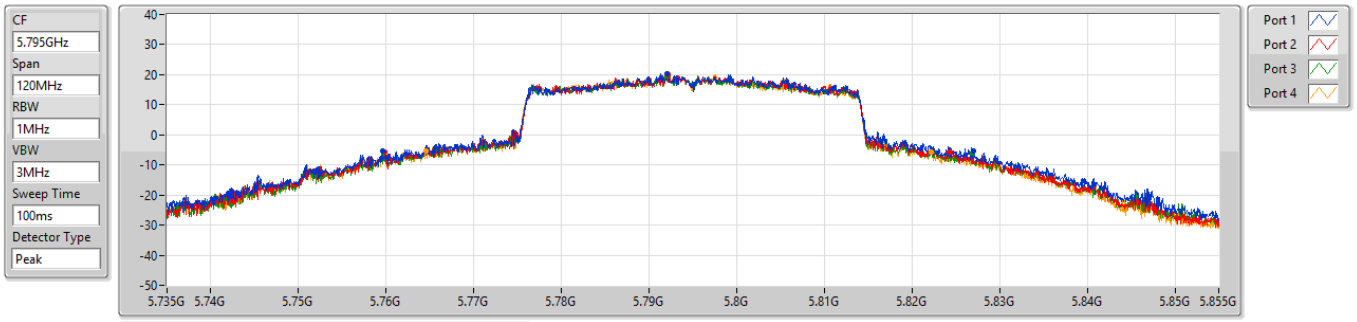




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.812M	5.780876G	5.812688G	38.321M	5.77581G	5.81413G	500k	1
33.792M	5.777444G	5.811236G	38.021M	5.77593G	5.813951G	500k	2
35.244M	5.777444G	5.812688G	38.081M	5.77593G	5.81401G	500k	3
32.076M	5.78048G	5.812556G	38.081M	5.77581G	5.813891G	500k	4

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

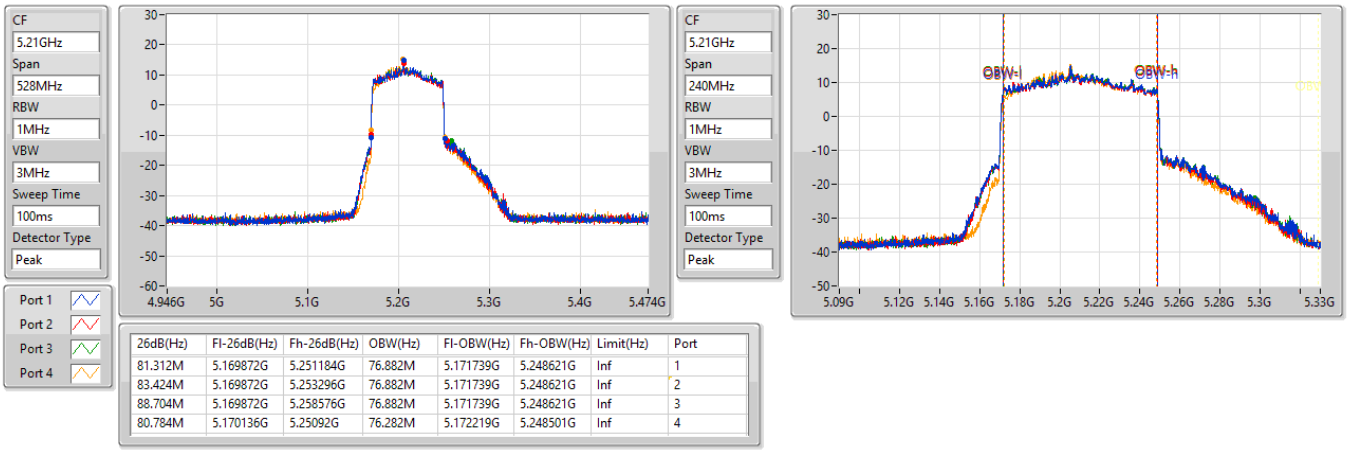
5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
67.38M	5.7596G	5.82698G	Inf	1
64.5M	5.75984G	5.82434G	Inf	2
67.14M	5.75972G	5.82686G	Inf	3
57.72M	5.76452G	5.82224G	Inf	4

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

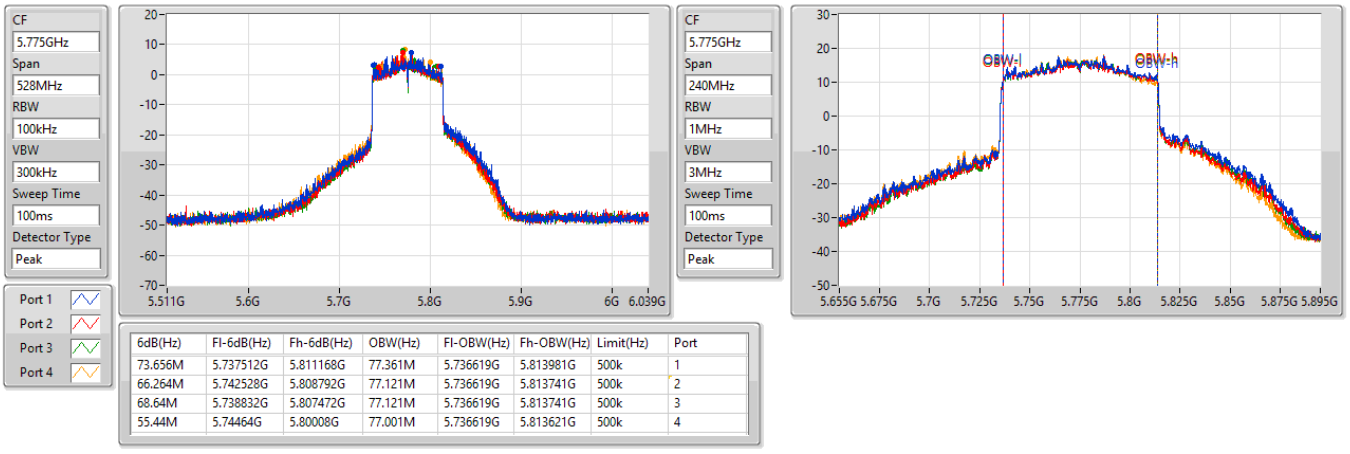
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.312M	5.169872G	5.251184G	76.882M	5.171739G	5.248621G	Inf	1
83.424M	5.169872G	5.253296G	76.882M	5.171739G	5.248621G	Inf	2
88.704M	5.169872G	5.258576G	76.882M	5.171739G	5.248621G	Inf	3
80.784M	5.170136G	5.25092G	76.282M	5.172219G	5.248501G	Inf	4

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

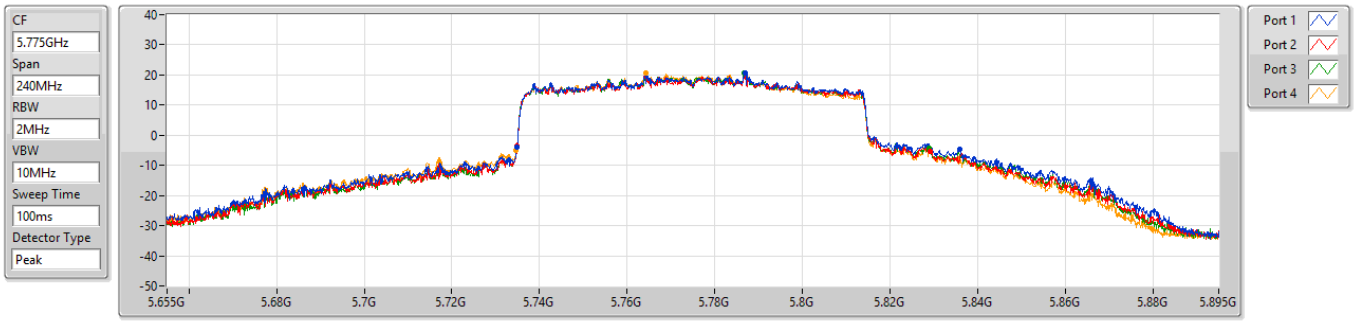
5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.656M	5.737512G	5.811168G	77.361M	5.736619G	5.813981G	500k	1
66.264M	5.742528G	5.808792G	77.121M	5.736619G	5.813741G	500k	2
68.64M	5.738832G	5.807472G	77.121M	5.736619G	5.813741G	500k	3
55.44M	5.74464G	5.80008G	77.001M	5.736619G	5.813621G	500k	4

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

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
100.92M	5.73492G	5.83584G	Inf	1
94.32M	5.73492G	5.82924G	Inf	2
93.96M	5.73492G	5.82888G	Inf	3
94.56M	5.73468G	5.82924G	Inf	4

Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.09	0.81096	32.75	1.88365
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA	29.43	0.87700	33.09	2.03704
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA	28.61	0.72611	32.27	1.68655
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA	25.22	0.33266	28.88	0.77268
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.71	0.93541	33.31	2.14289
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA	29.57	0.90573	33.17	2.07491
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA	29.62	0.91622	33.22	2.09894
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA	28.18	0.65766	31.78	1.50661

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.66	22.47	22.39	22.66	22.82	28.61	30.00	32.27	36.00
5200MHz	Pass	3.66	22.88	22.85	23.15	23.37	29.09	30.00	32.75	36.00
5240MHz	Pass	3.66	22.85	22.51	22.83	23.02	28.83	30.00	32.49	36.00
5745MHz	Pass	3.60	23.72	23.77	23.63	23.64	29.71	30.00	33.31	36.00
5785MHz	Pass	3.60	21.1	21.06	20.83	21.01	27.02	30.00	30.62	36.00
5825MHz	Pass	3.60	23.77	23.73	23.28	23.52	29.60	30.00	33.20	36.00
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.66	22.26	22.56	22.22	22.35	28.37	30.00	32.03	36.00
5200MHz	Pass	3.66	22.87	23.02	23.26	23.51	29.19	30.00	32.85	36.00
5240MHz	Pass	3.66	23.29	23.18	23.62	23.53	29.43	30.00	33.09	36.00
5745MHz	Pass	3.60	23.62	23.73	23.36	23.49	29.57	30.00	33.17	36.00
5785MHz	Pass	3.60	21.16	21.11	20.9	21.08	27.08	30.00	30.68	36.00
5825MHz	Pass	3.60	23.42	23.71	23.26	23.48	29.49	30.00	33.09	36.00
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.66	20.25	20.05	20.24	20.15	26.19	30.00	29.85	36.00
5230MHz	Pass	3.66	22.57	22.56	22.42	22.81	28.61	30.00	32.27	36.00
5755MHz	Pass	3.60	23.52	23.74	23.53	23.62	29.62	30.00	33.22	36.00
5795MHz	Pass	3.60	23.69	23.48	23.25	23.86	29.60	30.00	33.20	36.00
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.66	19.24	19.08	19.2	19.26	25.22	30.00	28.88	36.00
5775MHz	Pass	3.60	21.99	22.34	22.07	22.24	28.18	30.00	31.78	36.00

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

Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX-OFDMA	29.32	0.85507	35.92	3.90841
802.11be EHT40-BF_Nss1,(MCS0)_4TX-OFDMA	28.29	0.67453	34.89	3.08319
802.11be EHT80-BF_Nss1,(MCS0)_4TX-OFDMA	25.16	0.32810	31.76	1.49968
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX-OFDMA	29.43	0.87700	34.89	3.08319
802.11be EHT40-BF_Nss1,(MCS0)_4TX-OFDMA	29.32	0.85507	34.78	3.00608
802.11be EHT80-BF_Nss1,(MCS0)_4TX-OFDMA	28.01	0.63241	33.47	2.22331

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.60	22.45	22.23	21.89	22.17	28.21	29.40	34.81	36.00
5200MHz	Pass	6.60	22.88	22.91	23.42	23.32	29.16	29.40	35.76	36.00
5240MHz	Pass	6.60	22.95	22.71	23.98	23.44	29.32	29.40	35.92	36.00
5745MHz	Pass	5.46	23.64	23.25	23.7	23.03	29.43	30.00	34.89	36.00
5785MHz	Pass	5.46	21.31	20.53	21.22	20.85	27.01	30.00	32.47	36.00
5825MHz	Pass	5.46	23.32	22.73	23.38	23.02	29.14	30.00	34.60	36.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.60	19.37	19.98	19.84	19.82	25.78	29.40	32.38	36.00
5230MHz	Pass	6.60	22.21	21.86	22.98	21.95	28.29	29.40	34.89	36.00
5755MHz	Pass	5.46	23.75	23.16	23.08	23.16	29.32	30.00	34.78	36.00
5795MHz	Pass	5.46	23.39	23.26	23.03	22.95	29.18	30.00	34.64	36.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.60	19.23	19.02	19.19	19.12	25.16	29.40	31.76	36.00
5775MHz	Pass	5.46	22.15	21.78	22.05	21.95	28.01	30.00	33.47	36.00

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

DG gain is measured. Please refer to antenna test report.

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.24	22.84
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA	16.00	22.60
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA	13.89	20.49
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA	7.75	14.35
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.58	21.04
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA	15.07	20.53
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA	13.39	18.85
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA	10.32	15.78

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

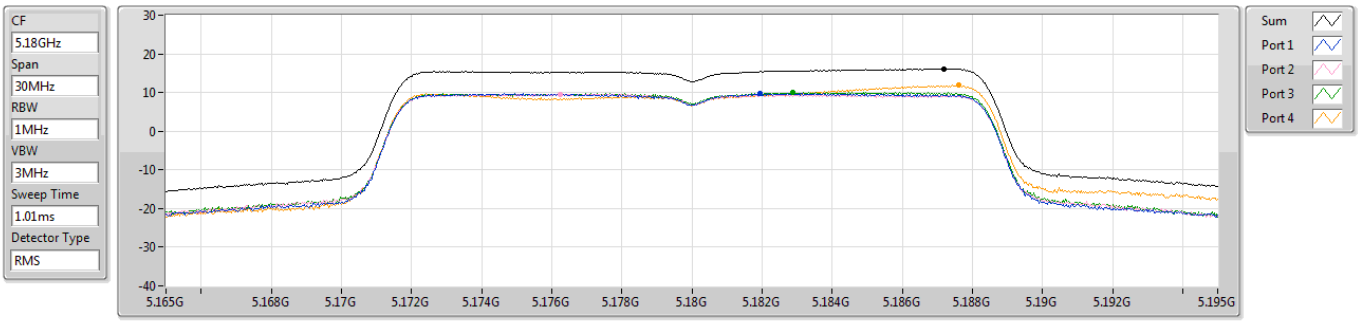
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX										
5180MHz	Pass	6.60	9.81	9.62	10.07	11.90	16.11	16.40	22.71	23.00
5200MHz	Pass	6.60	10.84	10.10	10.37	11.15	16.24	16.40	22.84	23.00
5240MHz	Pass	6.60	10.22	9.84	10.06	10.25	15.88	16.40	22.48	23.00
5745MHz	Pass	5.46	10.17	9.90	9.50	9.94	15.55	30.00	21.01	36.00
5785MHz	Pass	5.46	6.01	6.01	5.62	6.20	11.69	30.00	17.15	36.00
5825MHz	Pass	5.46	9.61	9.94	9.36	9.92	15.58	30.00	21.04	36.00
802.11be EHT20_Nss1,(MCS0)_4TX-OFDMA										
5180MHz	Pass	6.60	9.20	9.02	9.20	9.88	15.01	16.40	21.61	23.00
5200MHz	Pass	6.60	10.11	10.27	10.22	10.94	16.00	16.40	22.60	23.00
5240MHz	Pass	6.60	10.11	9.86	10.35	10.60	15.96	16.40	22.56	23.00
5745MHz	Pass	5.46	9.24	8.79	9.09	9.36	14.80	30.00	20.26	36.00
5785MHz	Pass	5.46	5.63	5.60	5.28	6.07	11.35	30.00	16.81	36.00
5825MHz	Pass	5.46	9.13	9.54	9.02	9.43	15.07	30.00	20.53	36.00
802.11be EHT40_Nss1,(MCS0)_4TX-OFDMA										
5190MHz	Pass	6.60	5.79	5.43	5.40	5.73	11.44	16.40	18.04	23.00
5230MHz	Pass	6.60	8.04	7.90	8.06	8.67	13.89	16.40	20.49	23.00
5755MHz	Pass	5.46	7.59	7.69	7.55	7.97	13.39	30.00	18.85	36.00
5795MHz	Pass	5.46	7.96	7.67	7.40	7.59	13.38	30.00	18.84	36.00
802.11be EHT80_Nss1,(MCS0)_4TX-OFDMA										
5210MHz	Pass	6.60	1.65	1.80	2.03	2.28	7.75	16.40	14.35	23.00
5775MHz	Pass	5.46	4.82	4.36	4.25	4.88	10.32	30.00	15.78	36.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
DG gain is measured. Please refer to antenna test report.

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

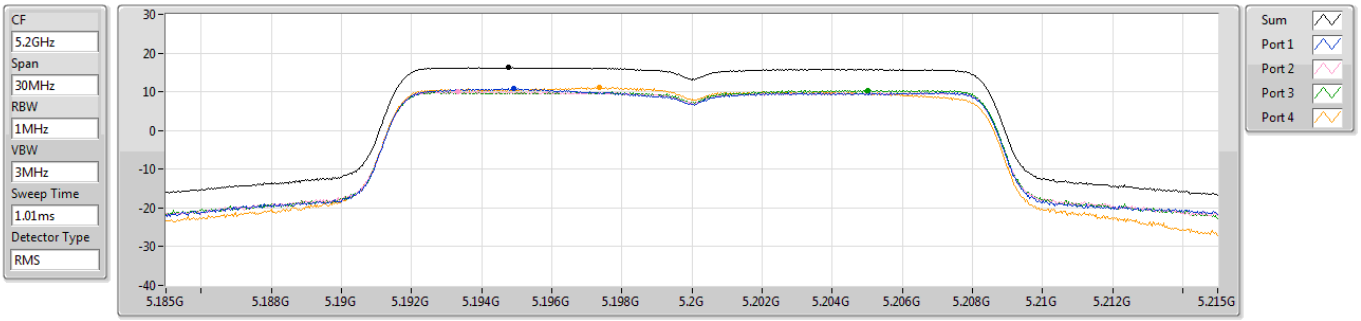
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.11	16.11	9.81	9.62	10.07	11.90

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

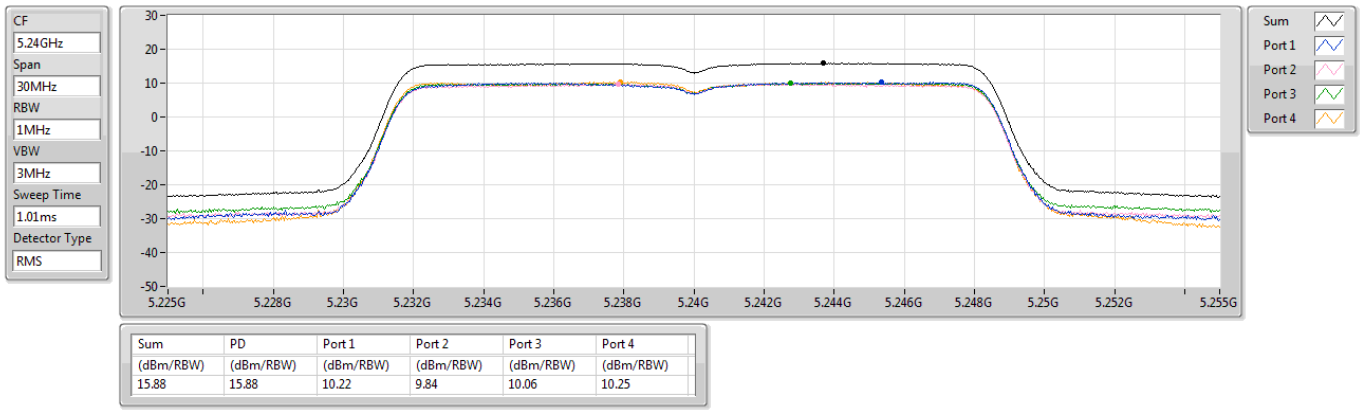
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.24	16.24	10.84	10.10	10.37	11.15

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

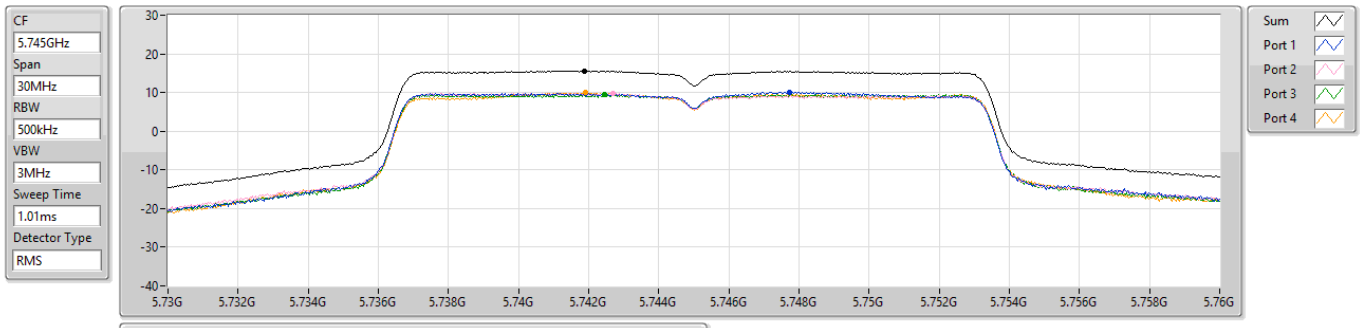
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.88	15.88	10.22	9.84	10.06	10.25

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

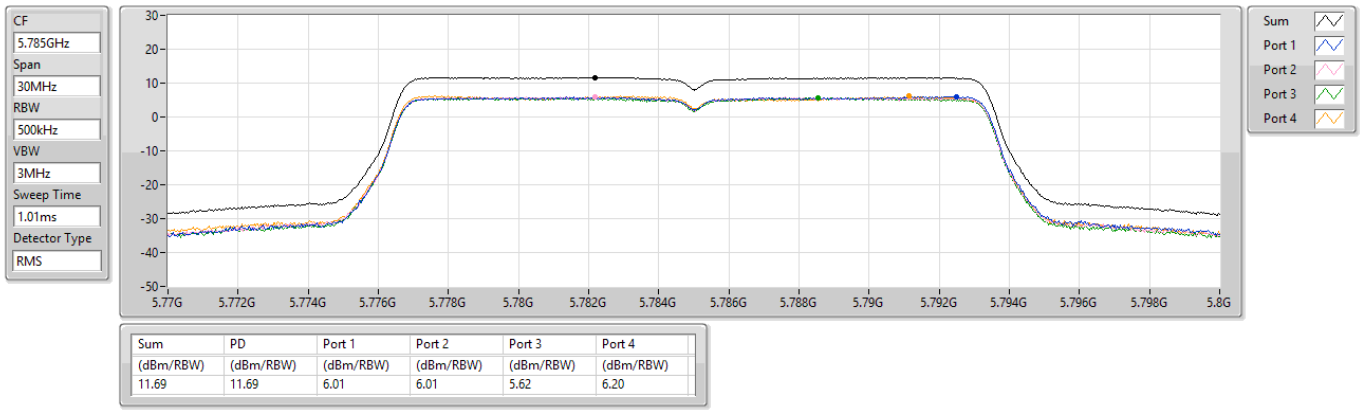
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.55	15.55	10.17	9.90	9.50	9.94

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

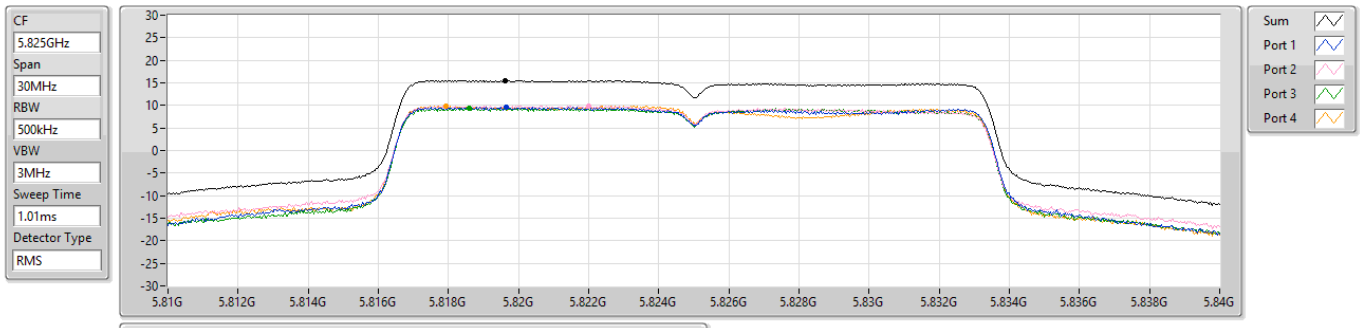
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.69	11.69	6.01	6.01	5.62	6.20

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

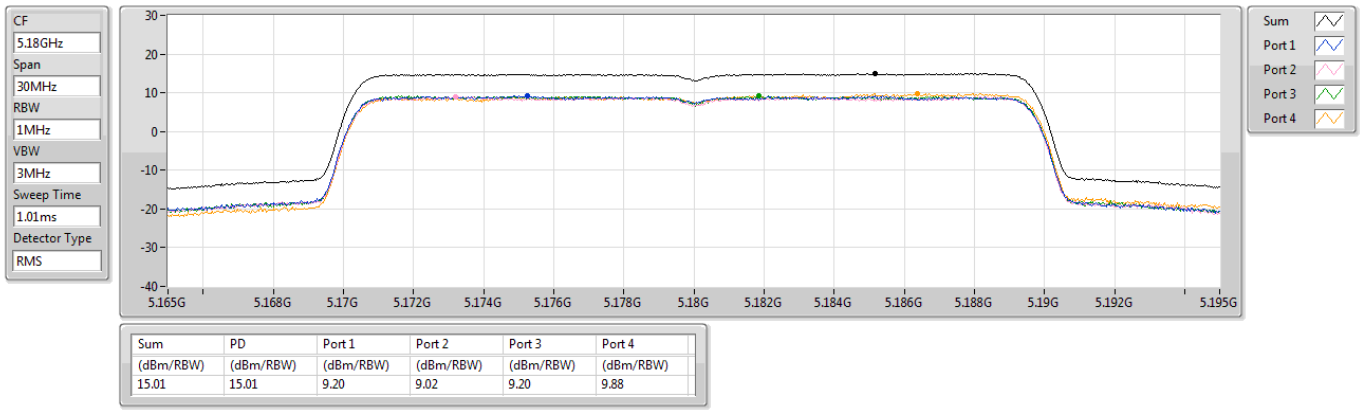
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.58	15.58	9.61	9.94	9.36	9.92

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

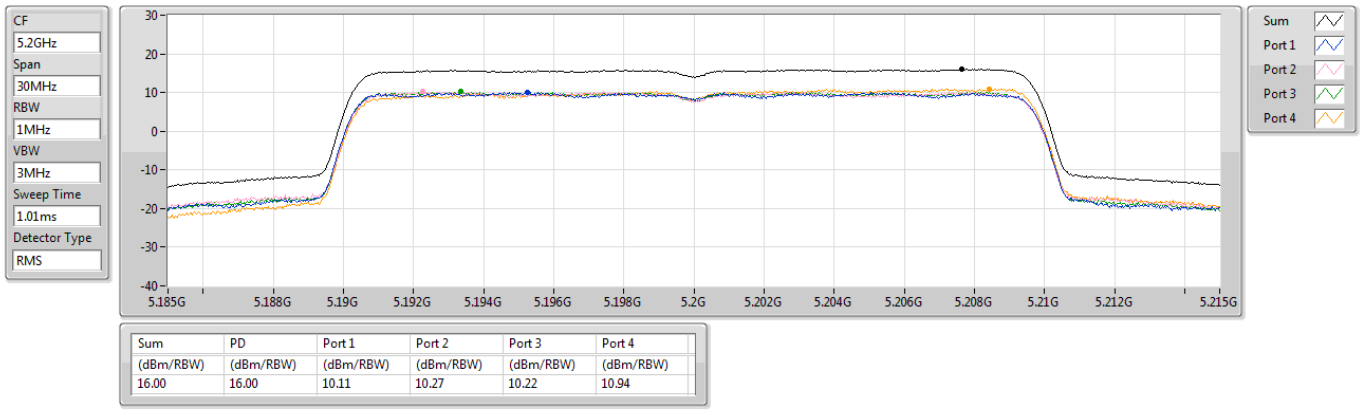
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.01	15.01	9.20	9.02	9.20	9.88

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

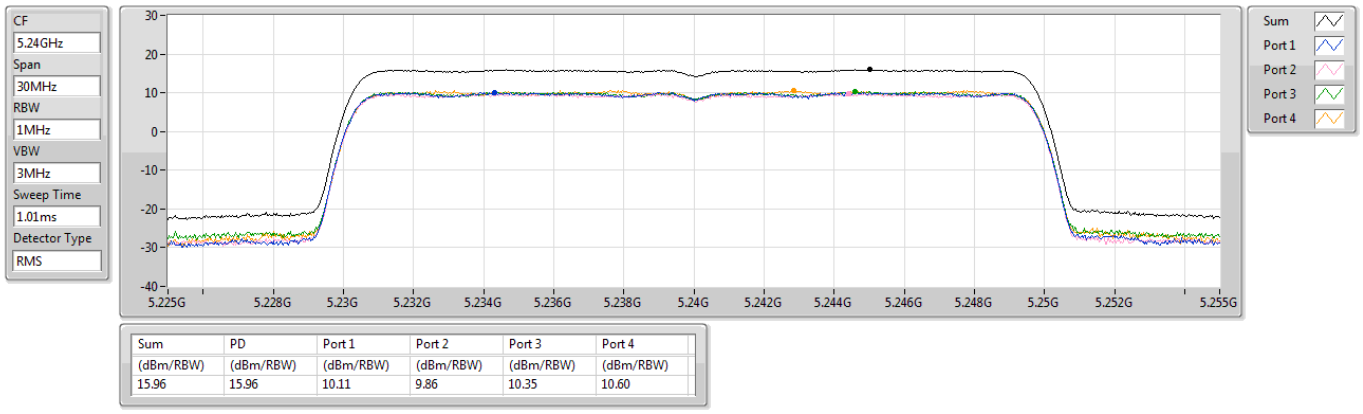
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.00	16.00	10.11	10.27	10.22	10.94

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

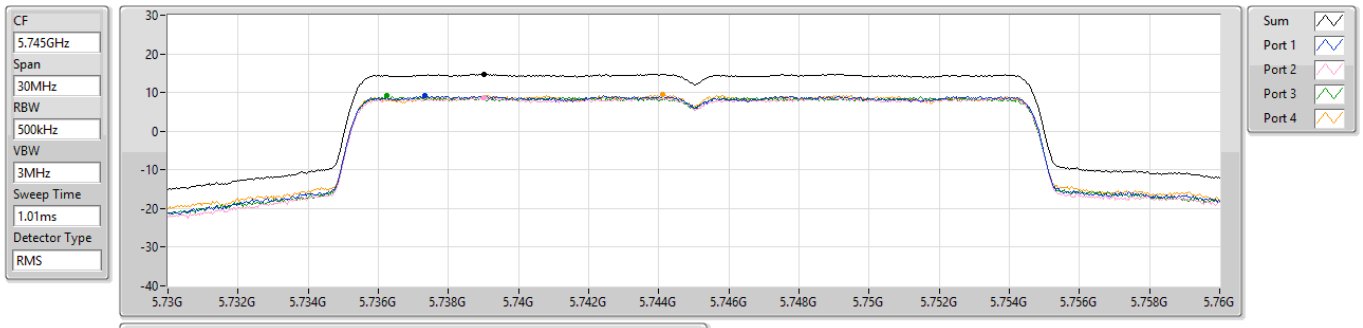
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.96	15.96	10.11	9.86	10.35	10.60

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

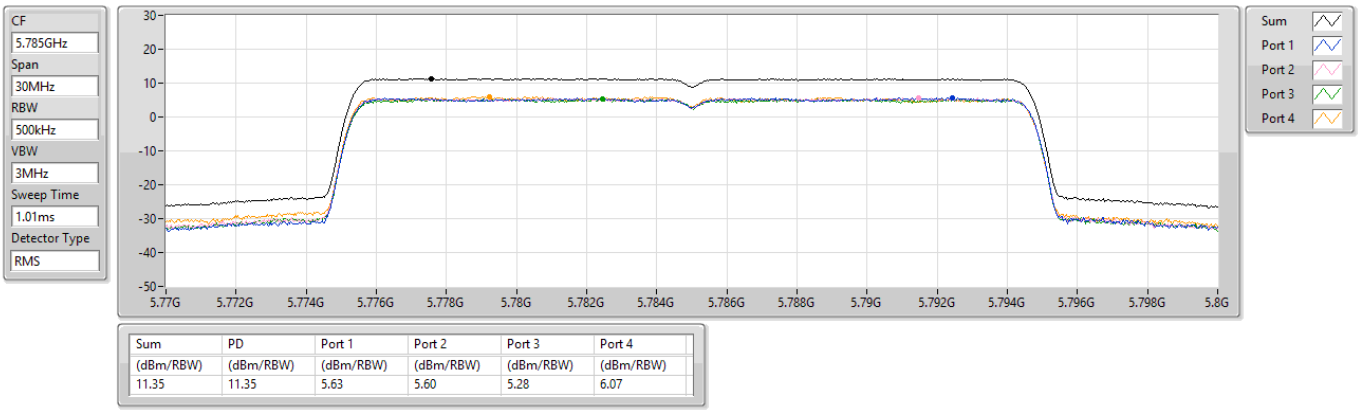
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.80	14.80	9.24	8.79	9.09	9.36

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

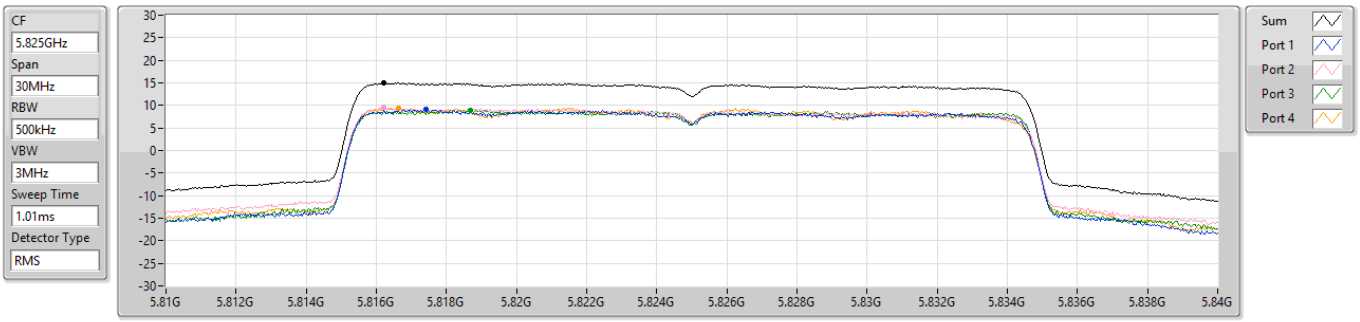
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.35	11.35	5.63	5.60	5.28	6.07

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

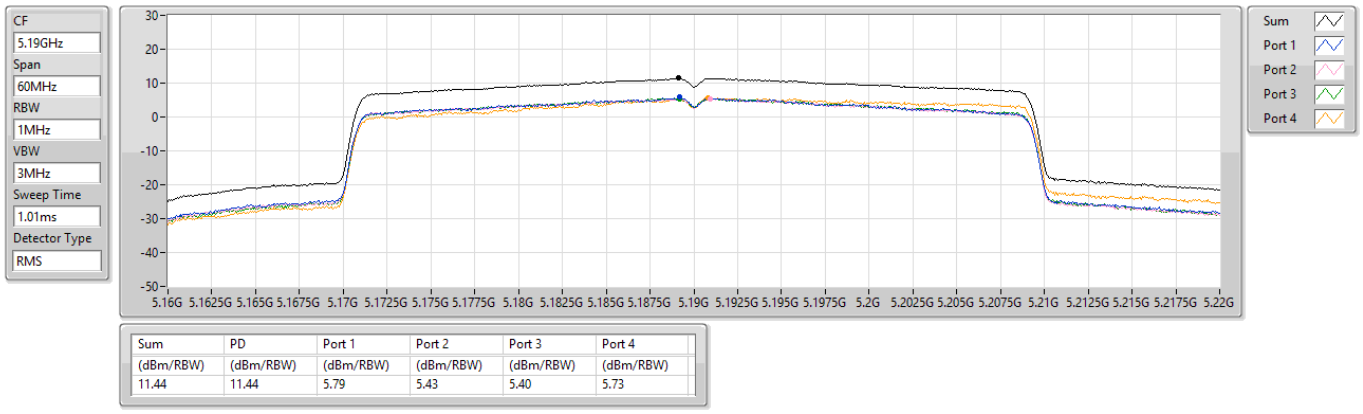
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.07	15.07	9.13	9.54	9.02	9.43

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

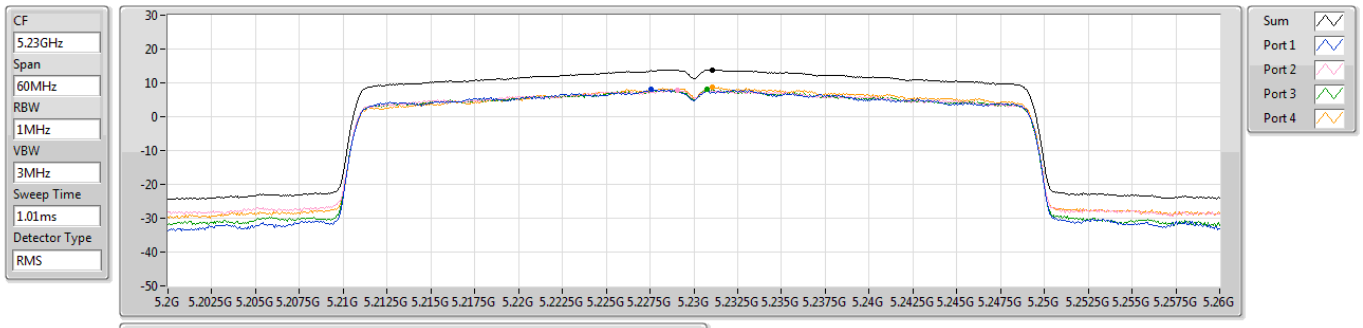
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	5.79	5.43	5.40	5.73

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

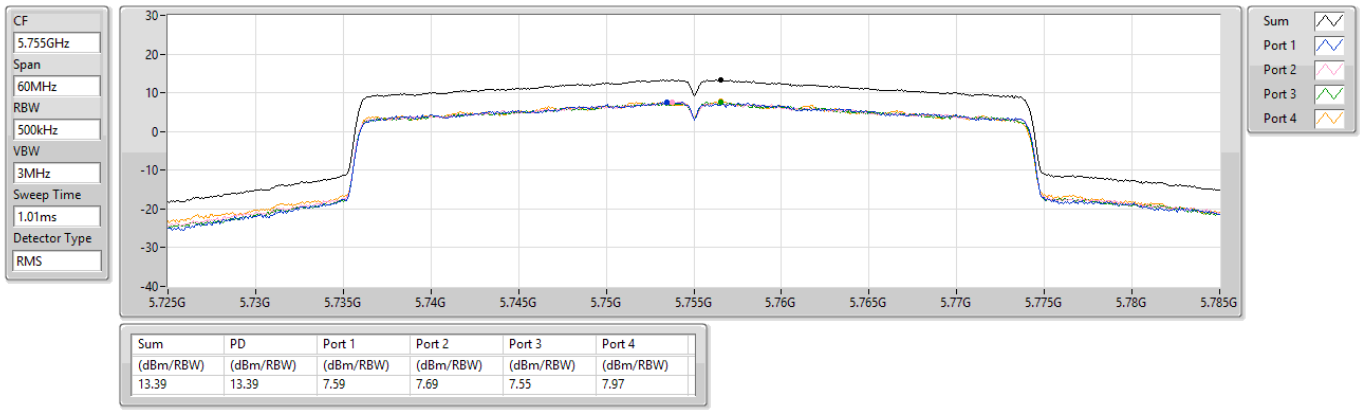
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.89	13.89	8.04	7.90	8.06	8.67

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

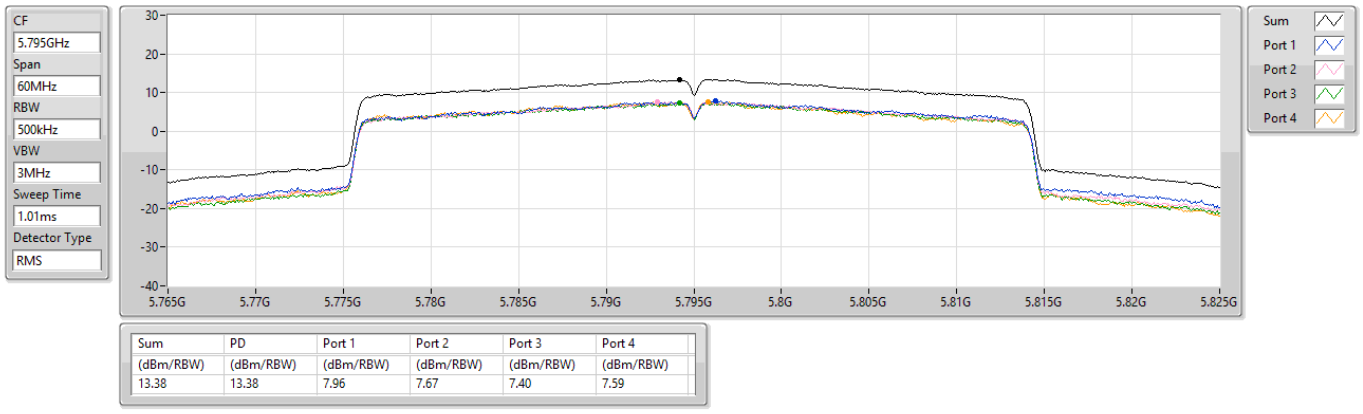
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.39	13.39	7.59	7.69	7.55	7.97

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

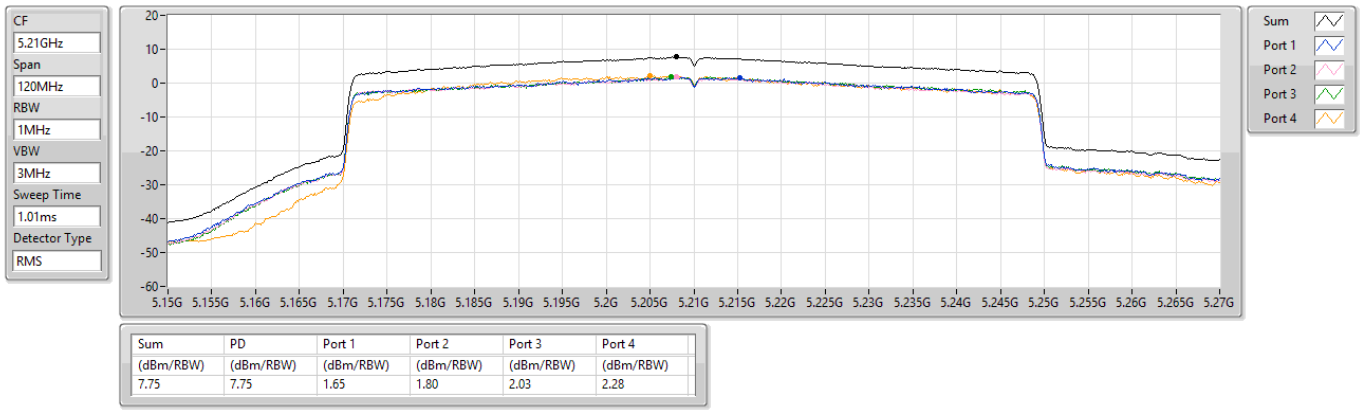
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.38	13.38	7.96	7.67	7.40	7.59

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

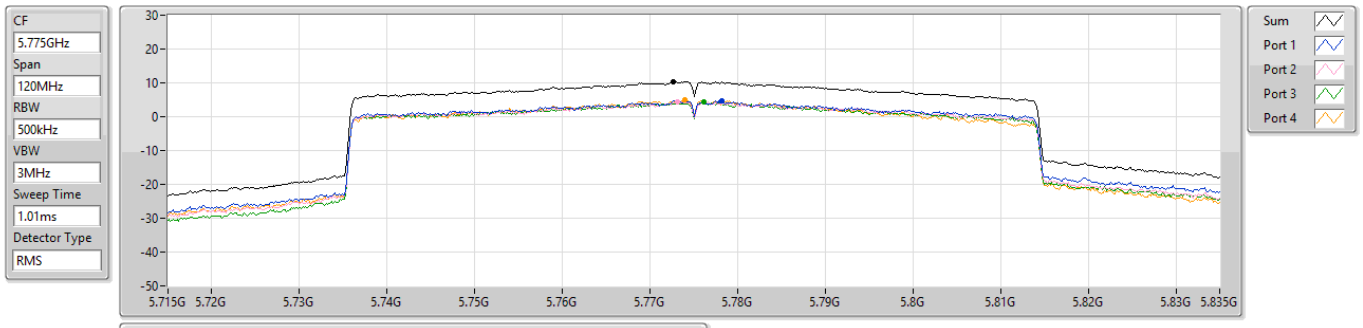
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	1.65	1.80	2.03	2.28

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

5775MHz

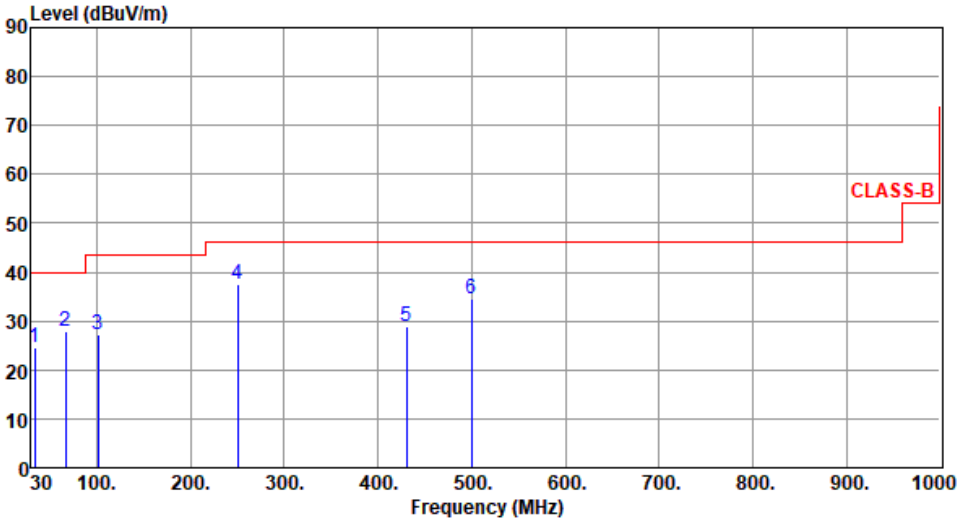


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	4.82	4.36	4.25	4.88

Unwanted Emissions (Below 1GHz)

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):24 Humidity(%):62

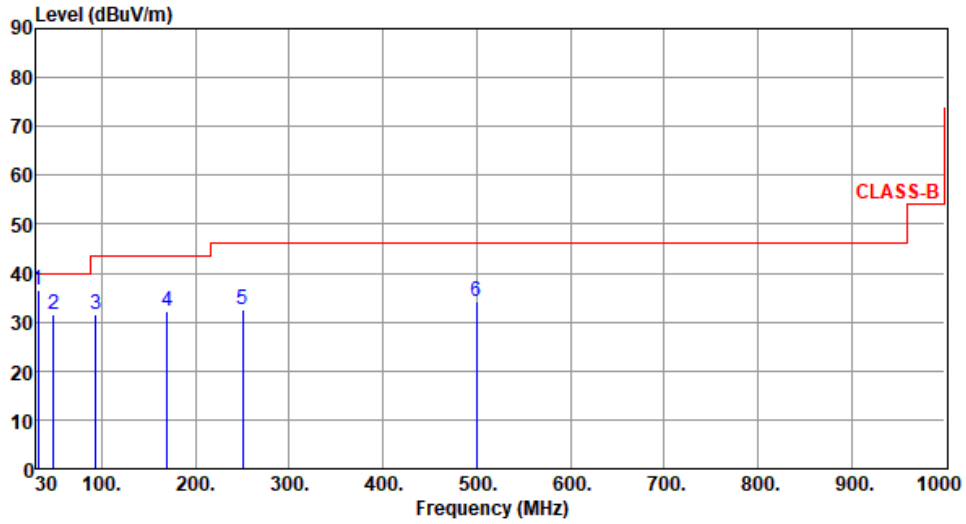


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	33.48	24.51	40.00	-15.49	34.03	-9.52	Peak	---	---
2	66.97	27.96	40.00	-12.04	38.55	-10.59	Peak	---	---
3	101.52	27.13	43.50	-16.37	40.13	-13.00	Peak	---	---
4	250.22	37.44	46.00	-8.56	47.44	-10.00	Peak	---	---
5	430.12	28.79	46.00	-17.21	33.54	-4.75	Peak	---	---
6	499.52	34.48	46.00	-11.52	37.70	-3.22	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):24 Humidity(%):62

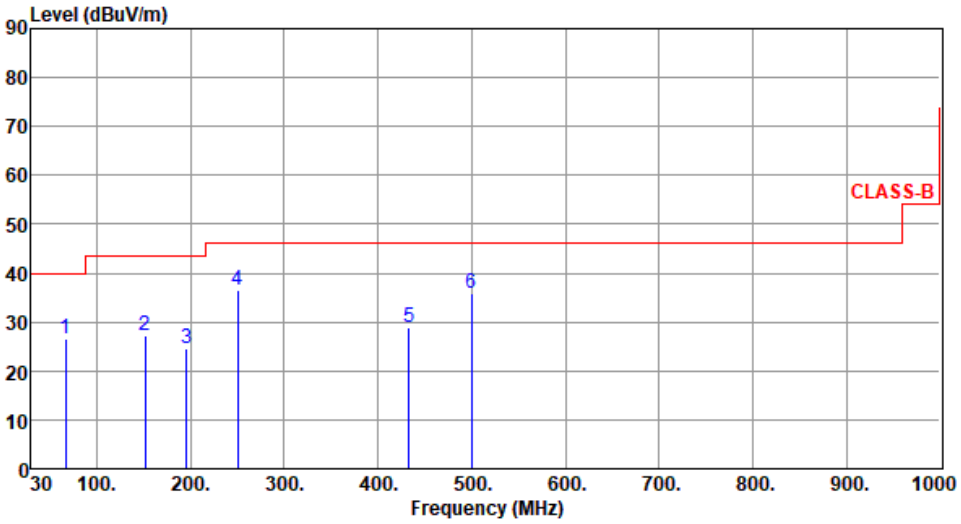


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	31.96	36.44	40.00	-3.56	45.87	-9.43	Peak	---	---
2	48.68	31.52	40.00	-8.48	39.66	-8.14	QP	100	176
3	93.44	31.59	43.50	-11.91	45.72	-14.13	Peak	---	---
4	170.15	32.29	43.50	-11.21	41.74	-9.45	Peak	---	---
5	250.19	32.66	46.00	-13.34	42.66	-10.00	Peak	---	---
6	499.48	34.17	46.00	-11.83	37.39	-3.22	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

Test By :Paul Lin Temperature(℃):24 Humidity(%):62

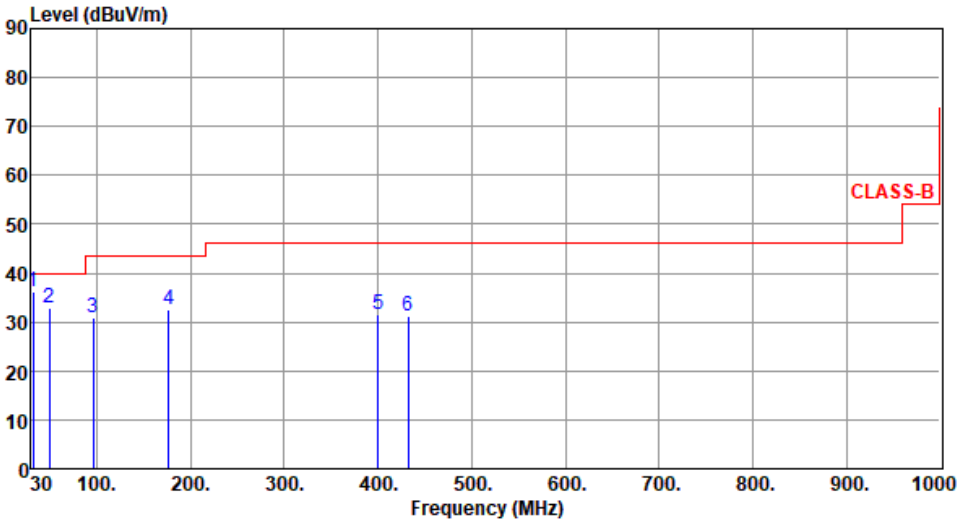


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	66.75	26.42	40.00	-13.58	37.00	-10.58	Peak	---	---
2	151.33	27.18	43.50	-16.32	36.08	-8.90	Peak	---	---
3	195.53	24.62	43.50	-18.88	36.26	-11.64	Peak	---	---
4	250.45	36.49	46.00	-9.51	46.48	-9.99	Peak	---	---
5	433.12	28.79	46.00	-17.21	33.41	-4.62	Peak	---	---
6	500.12	35.88	46.00	-10.12	39.09	-3.21	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):24 Humidity(%):62



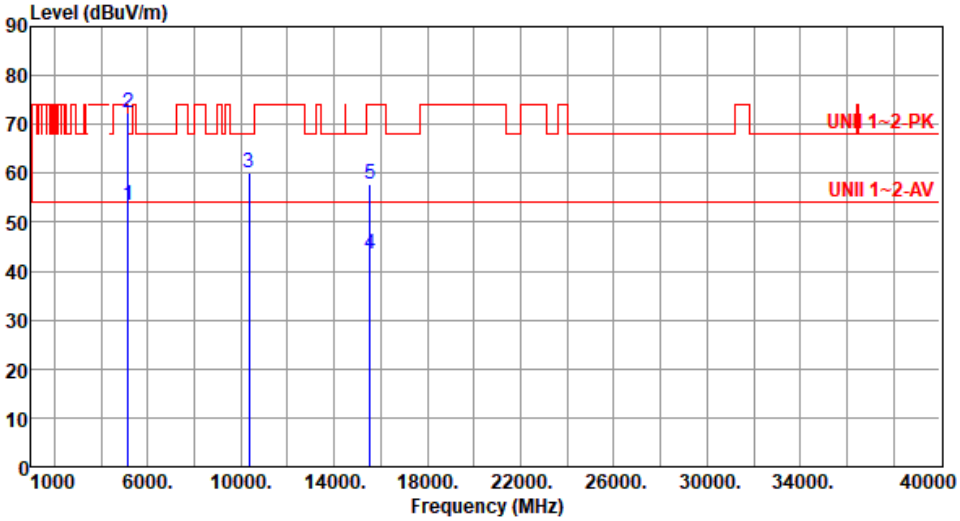
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	32.25	36.18	40.00	-3.82	45.64	-9.46	Peak	---	---
2	49.17	32.75	40.00	-7.25	40.95	-8.20	QP	100	181
3	96.14	31.02	43.50	-12.48	44.86	-13.84	Peak	---	---
4	176.74	32.39	43.50	-11.11	42.40	-10.01	Peak	---	---
5	400.02	31.66	46.00	-14.34	37.28	-5.62	Peak	---	---
6	431.96	31.24	46.00	-14.76	35.91	-4.67	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Unwanted Emissions (Above 1GHz) for 11a

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

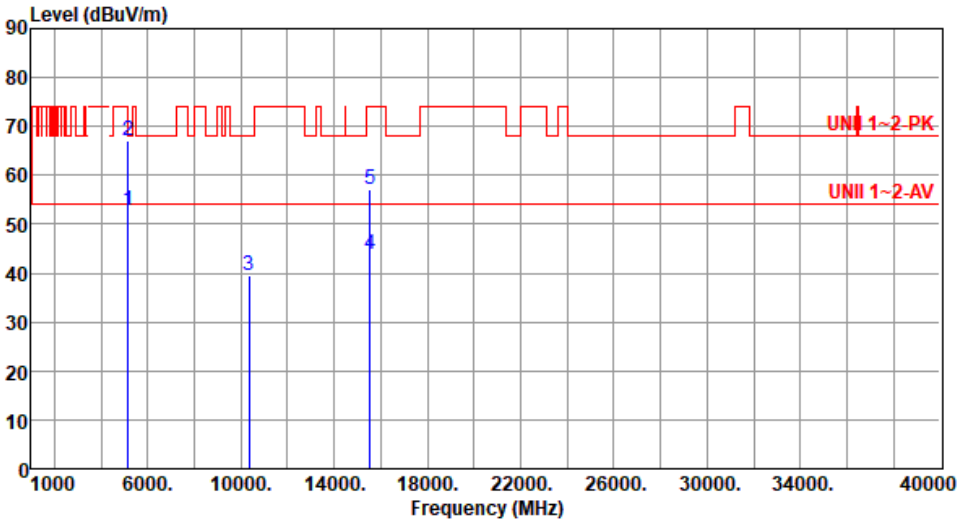


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.31	54.00	-0.69	53.07	0.24	Average	197	357
2	5150.00	72.41	74.00	-1.59	72.17	0.24	Peak	197	357
3	10360.00	60.05	68.20	-8.15	52.96	7.09	Peak	192	207
4	15540.00	43.62	54.00	-10.38	39.47	4.15	Average	100	127
5	15540.00	57.80	74.00	-16.20	53.65	4.15	Peak	100	127

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	5180
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

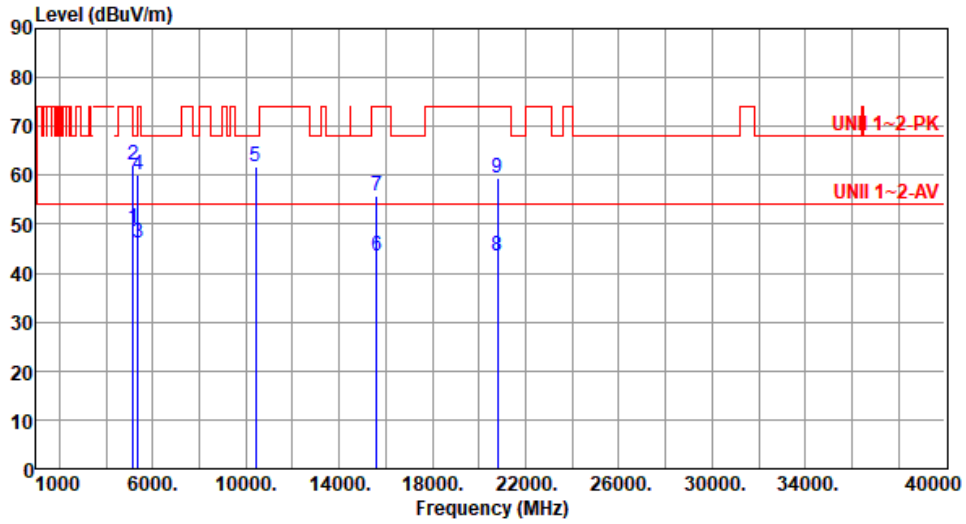


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.66	54.00	-1.34	52.42	0.24	Average	140	326
2	5150.00	67.23	74.00	-6.77	66.99	0.24	Peak	140	326
3	10360.00	39.66	68.20	-28.54	32.57	7.09	Peak	219	206
4	15540.00	43.78	54.00	-10.22	39.63	4.15	Average	100	192
5	15540.00	57.01	74.00	-16.99	52.86	4.15	Peak	100	192

Note 1: Emission Level (dBuV/m) = SA Reading (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)**	5200
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):26 Humidity(%):61

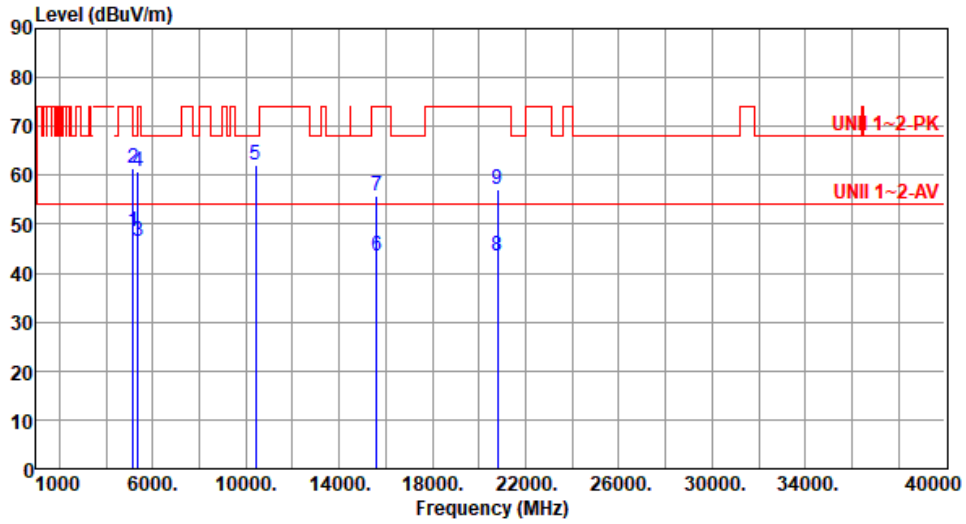


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.08	54.00	-4.92	48.84	0.24	Average	305	3
2	5150.00	62.01	74.00	-11.99	61.77	0.24	Peak	305	3
3	5350.00	46.13	54.00	-7.87	46.31	-0.18	Average	305	3
4	5350.00	60.19	74.00	-13.81	60.37	-0.18	Peak	305	3
5	10400.00	61.73	68.20	-6.47	54.54	7.19	Peak	195	216
6	15600.00	43.65	54.00	-10.35	39.70	3.95	Average	100	127
7	15600.00	55.76	74.00	-18.24	51.81	3.95	Peak	100	127
8	20800.00	43.35	54.00	-10.65	40.90	2.45	Average	217	238
9	20800.00	59.43	74.00	-14.57	56.98	2.45	Peak	217	238

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

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):26 Humidity(%):61

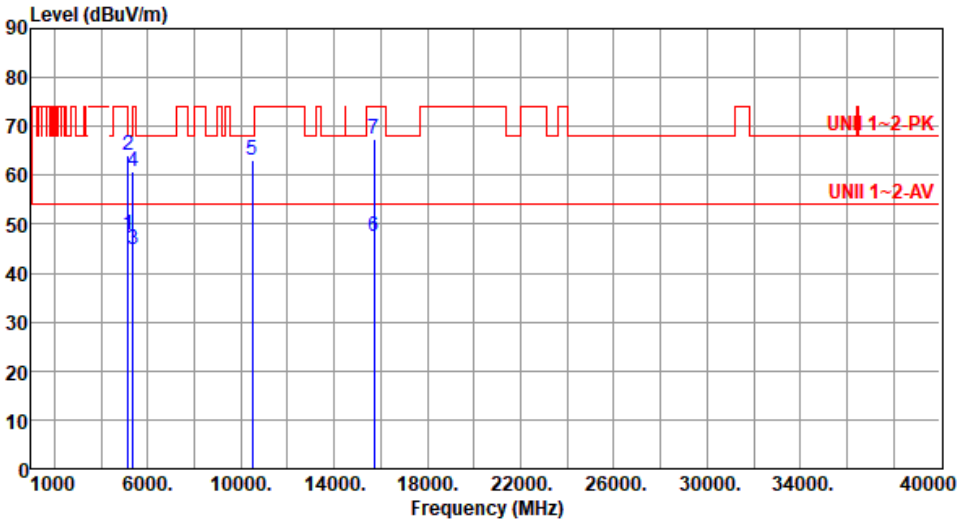


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	48.51	54.00	-5.49	48.27	0.24	Average	132	185
2	5150.00	61.41	74.00	-12.59	61.17	0.24	Peak	132	185
3	5350.00	46.51	54.00	-7.49	46.69	-0.18	Average	132	185
4	5350.00	60.92	74.00	-13.08	61.10	-0.18	Peak	132	185
5	10400.00	62.07	68.20	-6.13	54.88	7.19	Peak	211	194
6	15600.00	43.50	54.00	-10.50	39.55	3.95	Average	100	187
7	15600.00	55.77	74.00	-18.23	51.82	3.95	Peak	100	187
8	20800.00	43.51	54.00	-10.49	41.06	2.45	Average	132	185
9	20800.00	57.12	74.00	-16.88	54.67	2.45	Peak	132	185

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

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

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

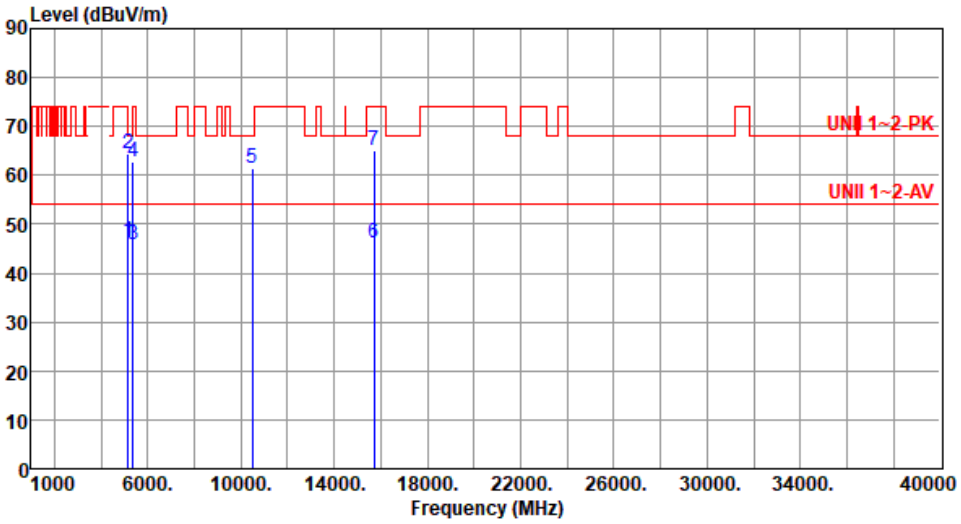


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.76	54.00	-6.24	47.52	0.24	Average	309	12
2	5150.00	64.07	74.00	-9.93	63.83	0.24	Peak	309	12
3	5350.00	44.94	54.00	-9.06	45.12	-0.18	Average	309	12
4	5350.00	60.69	74.00	-13.31	60.87	-0.18	Peak	309	12
5	10480.00	63.06	68.20	-5.14	55.82	7.24	Peak	200	212
6	15720.00	47.38	54.00	-6.62	43.45	3.93	Average	379	198
7	15720.00	67.52	74.00	-6.48	63.59	3.93	Peak	379	198

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

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

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

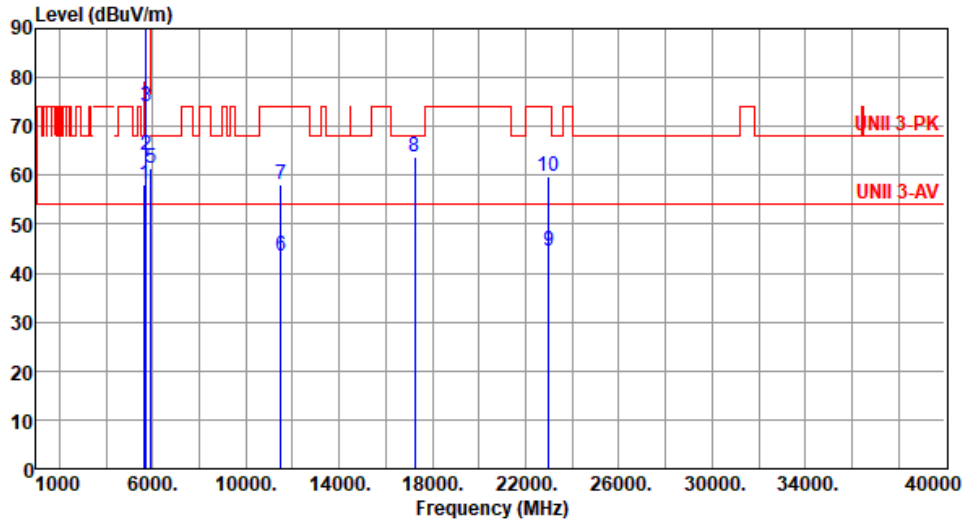


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.64	54.00	-7.36	46.40	0.24	Average	231	331
2	5150.00	64.31	74.00	-9.69	64.07	0.24	Peak	231	331
3	5350.00	45.99	54.00	-8.01	46.17	-0.18	Average	231	331
4	5350.00	62.80	74.00	-11.20	62.98	-0.18	Peak	231	331
5	10480.00	61.38	68.20	-6.82	54.14	7.24	Peak	194	186
6	15720.00	46.08	54.00	-7.92	42.15	3.93	Average	368	153
7	15720.00	64.96	74.00	-9.04	61.03	3.93	Peak	368	153

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

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

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

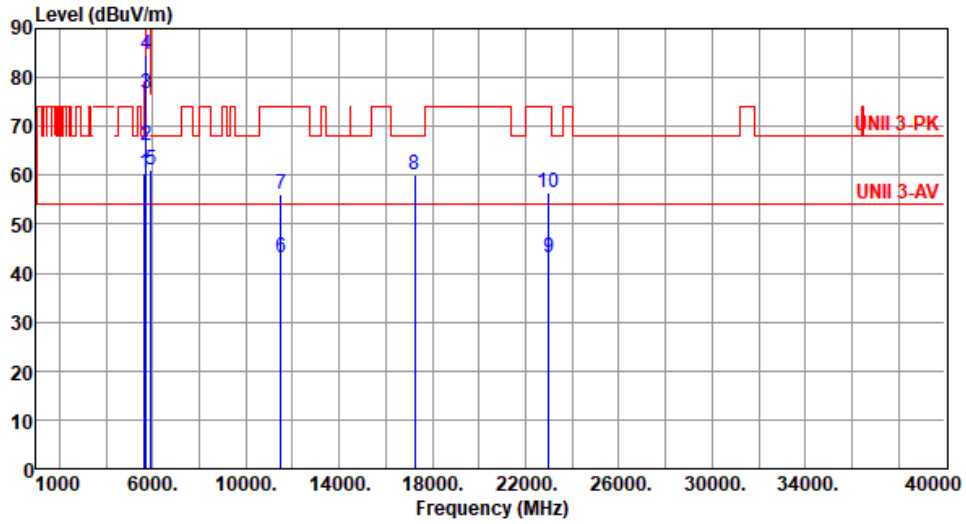


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	58.16	68.20	-10.04	57.92	0.24	Peak	146	18
2	5700.00	64.19	105.20	-41.01	63.72	0.47	Peak	146	18
3	5720.00	74.09	110.80	-36.71	73.52	0.57	Peak	146	18
4	5725.00	92.32	122.20	-29.88	91.73	0.59	Peak	146	18
5	5925.00	61.44	68.20	-6.76	60.25	1.19	Peak	146	18
6	11490.00	43.63	54.00	-10.37	36.38	7.25	Average	210	202
7	11490.00	58.01	74.00	-15.99	50.76	7.25	Peak	210	202
8	17235.00	63.78	68.20	-4.42	57.68	6.10	Peak	184	217
9	22980.00	44.47	54.00	-9.53	38.45	6.02	Average	211	217
10	22980.00	59.91	74.00	-14.09	53.89	6.02	Peak	211	217

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

Modulation	11a	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

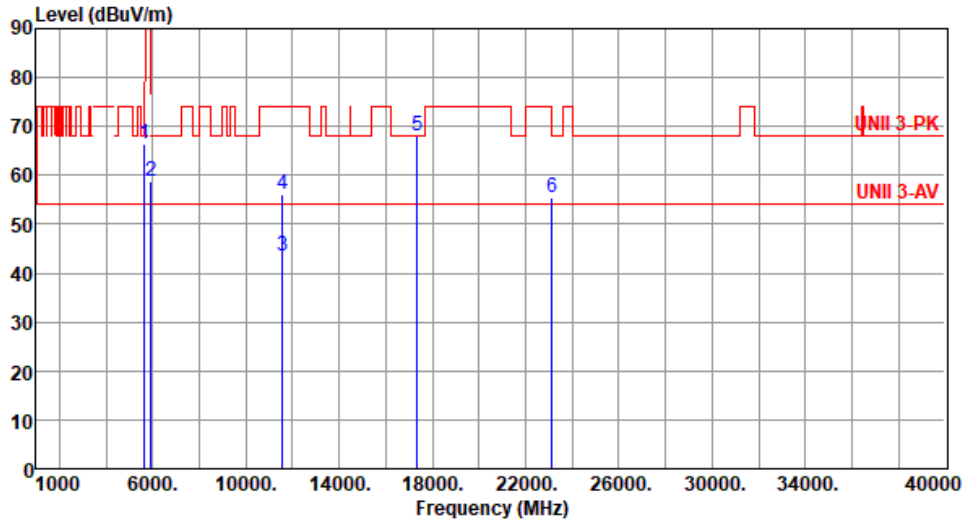


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.61	68.20	-7.59	60.37	0.24	Peak	100	341
2	5700.00	66.00	105.20	-39.20	65.53	0.47	Peak	100	341
3	5720.00	76.71	110.80	-34.09	76.14	0.57	Peak	100	341
4	5725.00	84.72	122.20	-37.48	84.13	0.59	Peak	100	341
5	5925.00	61.15	68.20	-7.05	59.96	1.19	Peak	100	341
6	11490.00	43.08	54.00	-10.92	35.83	7.25	Average	100	64
7	11490.00	55.99	74.00	-18.01	48.74	7.25	Peak	100	64
8	17235.00	60.22	68.20	-7.98	54.12	6.10	Peak	100	152
9	22980.00	43.11	54.00	-10.89	37.09	6.02	Average	100	162
10	22980.00	56.42	74.00	-17.58	50.40	6.02	Peak	100	162

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

Modulation	11a	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

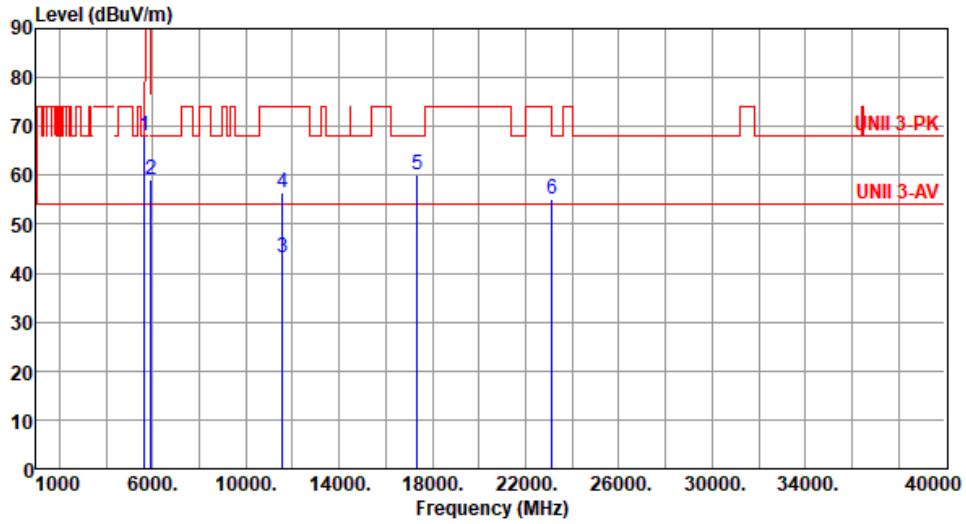


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.47	68.20	-1.73	66.23	0.24	Peak	145	21
2	5925.00	58.64	68.20	-9.56	57.45	1.19	Peak	145	21
3	11570.00	43.48	54.00	-10.52	36.45	7.03	Average	100	48
4	11570.00	56.22	74.00	-17.78	49.19	7.03	Peak	100	48
5	17355.00	68.09	68.20	-0.11	61.86	6.23	Peak	104	210
6	23140.00	55.48	68.20	-12.72	49.37	6.11	Peak	100	49

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

Modulation	11a	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

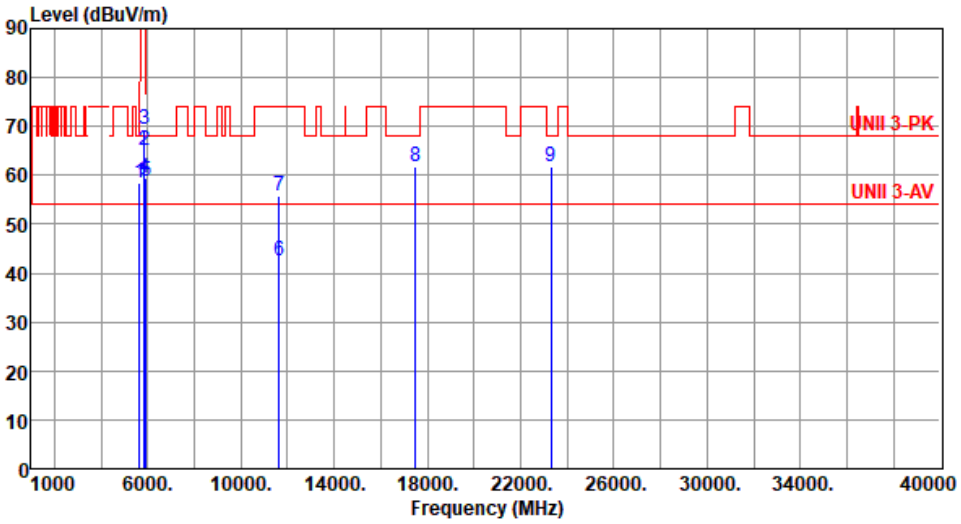


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	68.03	68.20	-0.17	67.79	0.24	Peak	100	341
2	5925.00	59.22	68.20	-8.98	58.03	1.19	Peak	100	341
3	11570.00	43.02	54.00	-10.98	35.99	7.03	Average	100	71
4	11570.00	56.41	74.00	-17.59	49.38	7.03	Peak	100	71
5	17355.00	60.12	68.20	-8.08	53.89	6.23	Peak	100	158
6	23140.00	55.13	68.20	-13.07	49.02	6.11	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	11a	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

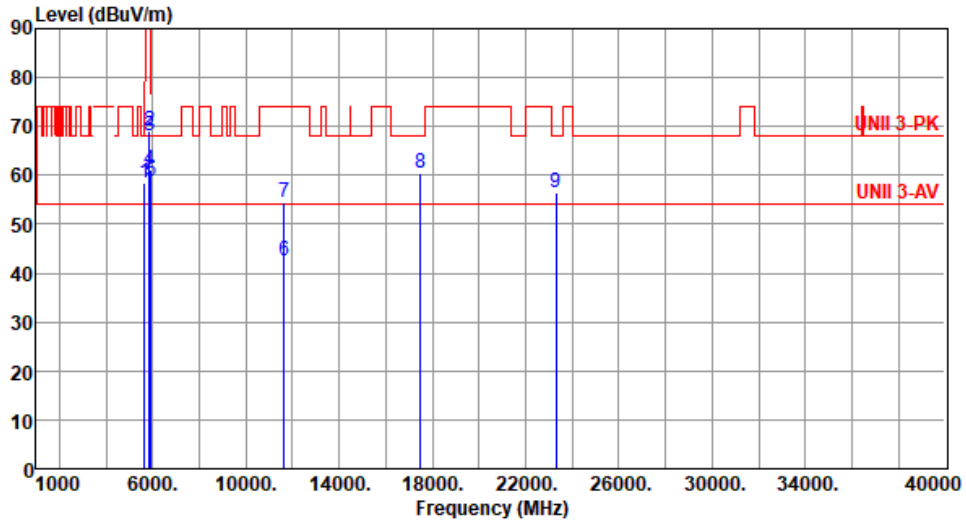


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	58.38	68.20	-9.82	58.14	0.24	Peak	146	19
2	5850.00	65.02	122.20	-57.18	64.14	0.88	Peak	146	19
3	5855.00	69.45	110.80	-41.35	68.54	0.91	Peak	146	19
4	5875.00	59.42	105.20	-45.78	58.42	1.00	Peak	146	19
5	5925.00	58.77	68.20	-9.43	57.58	1.19	Peak	146	19
6	11650.00	42.65	54.00	-11.35	35.89	6.76	Average	208	207
7	11650.00	55.69	74.00	-18.31	48.93	6.76	Peak	208	207
8	17475.00	61.79	68.20	-6.41	55.20	6.59	Peak	179	212
9	23300.00	61.84	68.20	-6.36	55.65	6.19	Peak	310	217

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

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61



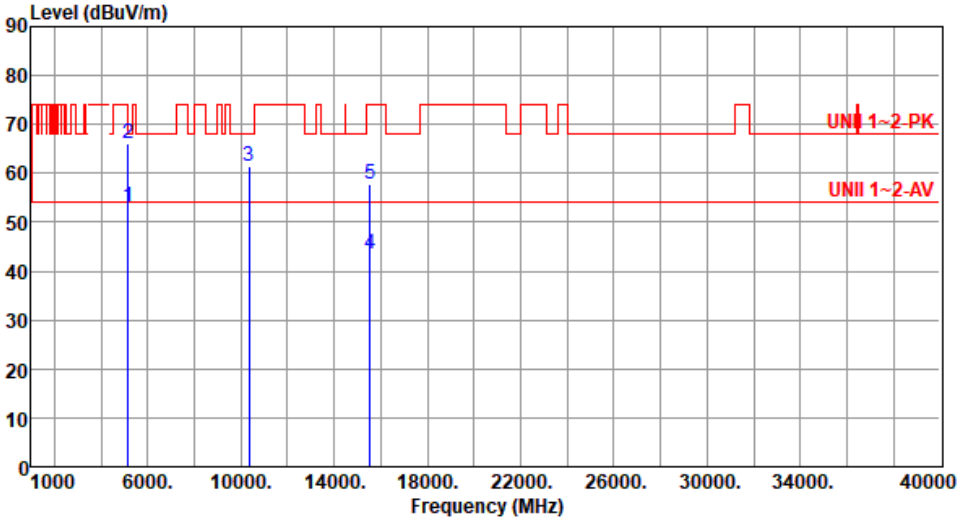
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	58.37	68.20	-9.83	58.13	0.24	Peak	100	340
2	5850.00	69.06	122.20	-53.14	68.18	0.88	Peak	100	340
3	5855.00	67.96	110.80	-42.84	67.05	0.91	Peak	100	340
4	5875.00	60.98	105.20	-44.22	59.98	1.00	Peak	100	340
5	5925.00	58.90	68.20	-9.30	57.71	1.19	Peak	100	340
6	11650.00	42.59	54.00	-11.41	35.83	6.76	Average	100	71
7	11650.00	54.37	74.00	-19.63	47.61	6.76	Peak	100	71
8	17475.00	60.58	68.20	-7.62	53.99	6.59	Peak	100	148
9	23300.00	56.35	68.20	-11.85	50.16	6.19	Peak	100	159

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5180
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

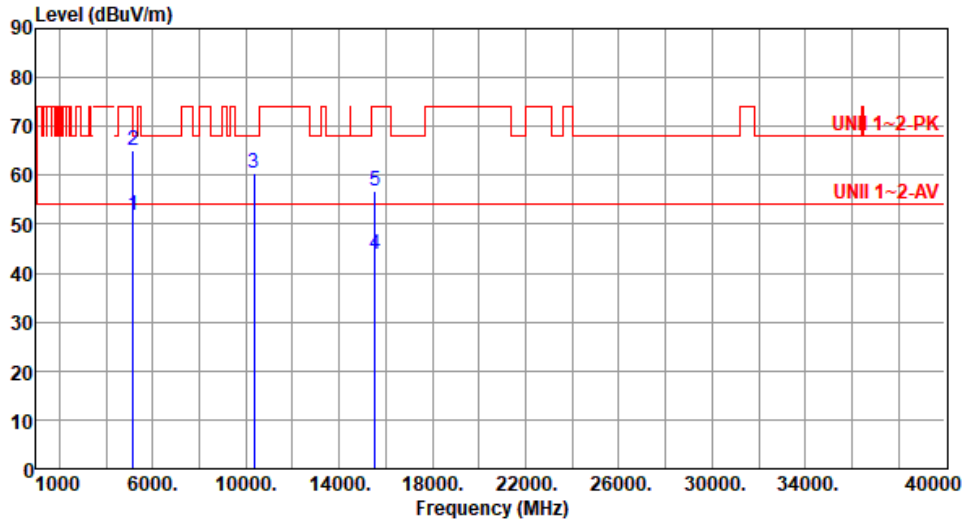


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.23	54.00	-0.77	52.99	0.24	Average	265	11
2	5150.00	66.25	74.00	-7.75	66.01	0.24	Peak	265	11
3	10360.00	61.30	68.20	-6.90	54.21	7.09	Peak	206	211
4	15540.00	43.51	54.00	-10.49	39.36	4.15	Average	100	119
5	15540.00	57.66	74.00	-16.34	53.51	4.15	Peak	100	119

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA	**Test Freq. (MHz)**	5180
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

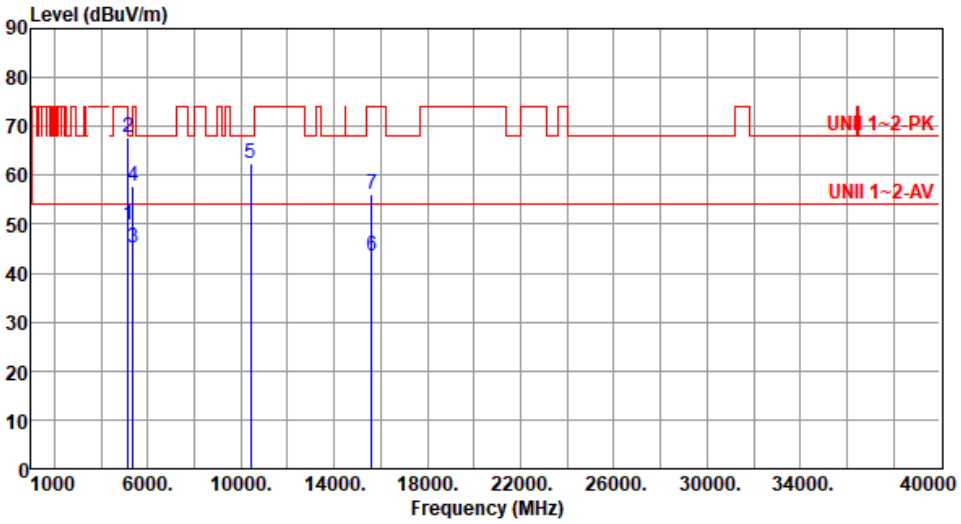


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.87	54.00	-2.13	51.63	0.24	Average	120	336
2	5150.00	65.14	74.00	-8.86	64.90	0.24	Peak	120	336
3	10360.00	60.28	68.20	-7.92	53.19	7.09	Peak	279	188
4	15540.00	43.72	54.00	-10.28	39.57	4.15	Average	100	122
5	15540.00	56.88	74.00	-17.12	52.73	4.15	Peak	100	122

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

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5200
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

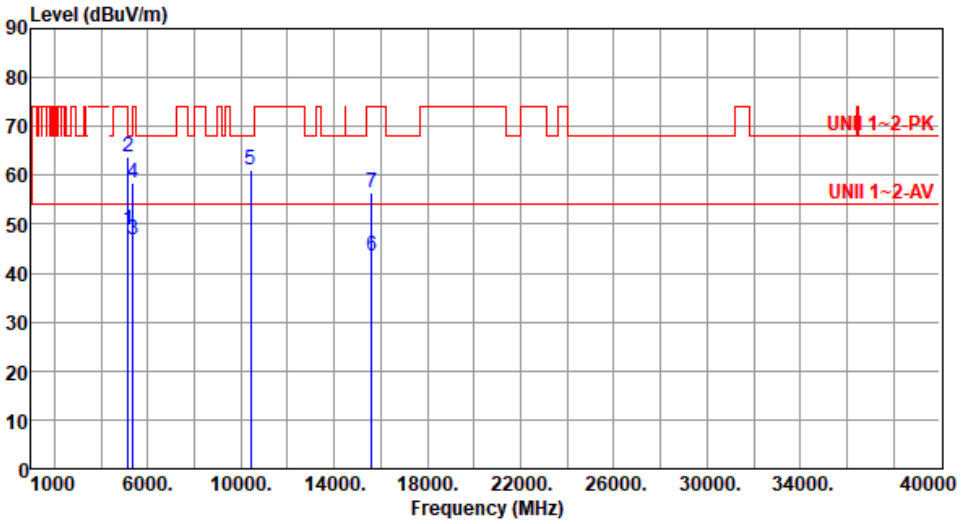


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.97	54.00	-4.03	49.73	0.24	Average	265	11
2	5150.00	67.77	74.00	-6.23	67.53	0.24	Peak	265	11
3	5350.00	45.25	54.00	-8.75	45.43	-0.18	Average	265	11
4	5350.00	57.83	74.00	-16.17	58.01	-0.18	Peak	265	11
5	10400.00	62.50	68.20	-5.70	55.31	7.19	Peak	216	233
6	15600.00	43.62	54.00	-10.38	39.67	3.95	Average	100	26
7	15600.00	56.03	74.00	-17.97	52.08	3.95	Peak	100	26

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

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

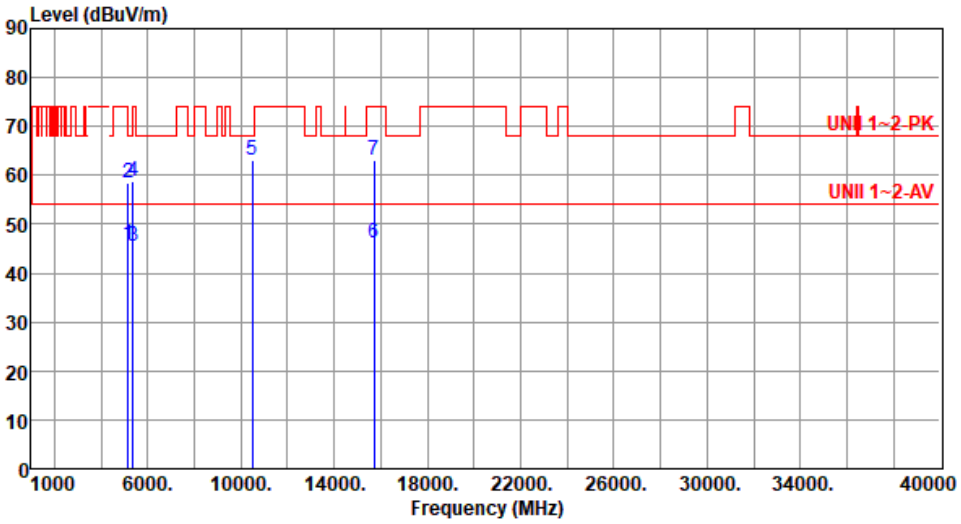


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	48.84	54.00	-5.16	48.60	0.24	Average	120	336
2	5150.00	63.60	74.00	-10.40	63.36	0.24	Peak	120	336
3	5350.00	46.79	54.00	-7.21	46.97	-0.18	Average	120	336
4	5350.00	58.61	74.00	-15.39	58.79	-0.18	Peak	120	336
5	10400.00	61.14	68.20	-7.06	53.95	7.19	Peak	273	193
6	15600.00	43.41	54.00	-10.59	39.46	3.95	Average	100	64
7	15600.00	56.41	74.00	-17.59	52.46	3.95	Peak	100	64

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

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

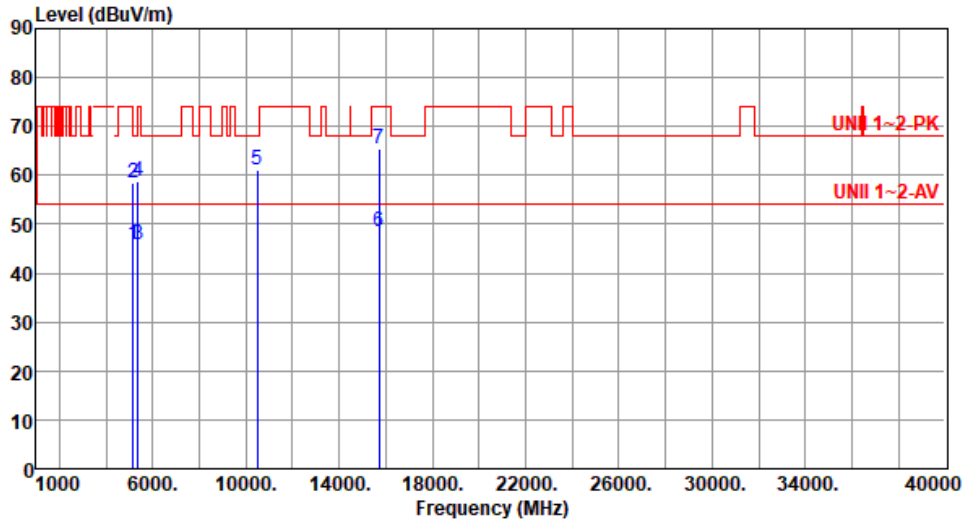


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.72	54.00	-8.28	45.48	0.24	Average	264	13
2	5150.00	58.33	74.00	-15.67	58.09	0.24	Peak	264	13
3	5350.00	45.63	54.00	-8.37	45.81	-0.18	Average	264	13
4	5350.00	58.71	74.00	-15.29	58.89	-0.18	Peak	264	13
5	10480.00	63.11	68.20	-5.09	55.87	7.24	Peak	206	229
6	15720.00	46.24	54.00	-7.76	42.31	3.93	Average	135	213
7	15720.00	63.21	74.00	-10.79	59.28	3.93	Peak	135	213

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):26 Humidity(%):61

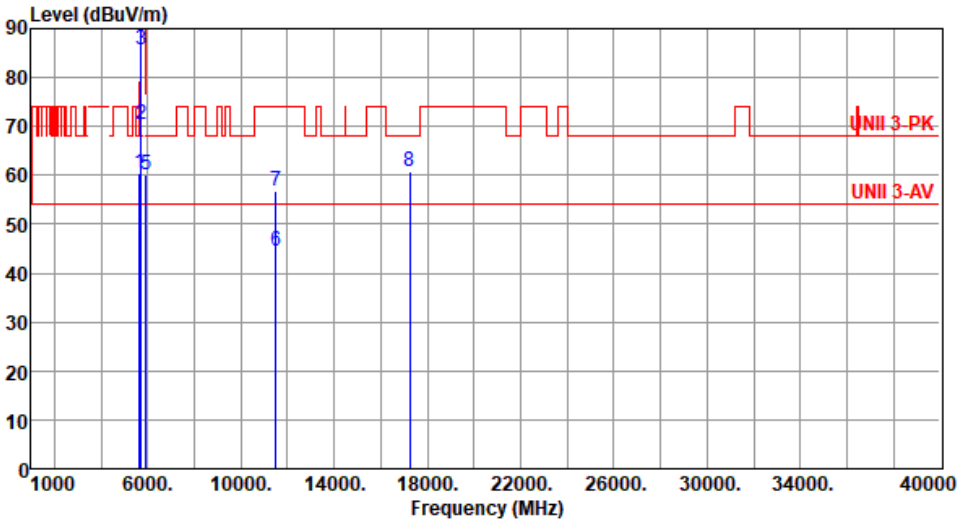


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.88	54.00	-8.12	45.64	0.24	Average	123	331
2	5150.00	58.37	74.00	-15.63	58.13	0.24	Peak	123	331
3	5350.00	45.84	54.00	-8.16	46.02	-0.18	Average	123	331
4	5350.00	58.76	74.00	-15.24	58.94	-0.18	Peak	123	331
5	10480.00	61.08	68.20	-7.12	53.84	7.24	Peak	275	188
6	15720.00	48.40	54.00	-5.60	44.47	3.93	Average	368	151
7	15720.00	65.35	74.00	-8.65	61.42	3.93	Peak	368	151

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

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

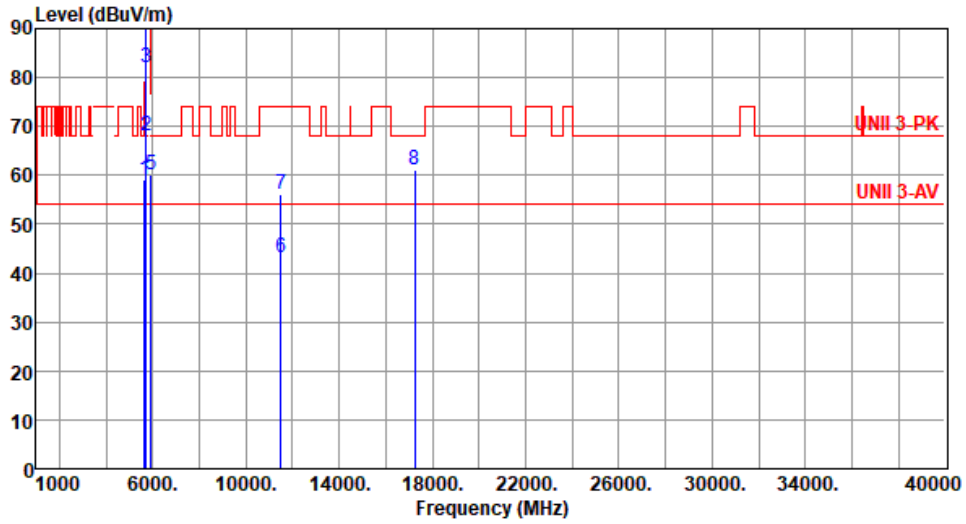


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.30	68.20	-7.90	60.06	0.24	Peak	244	19
2	5700.00	70.33	105.20	-34.87	69.86	0.47	Peak	244	19
3	5720.00	85.74	110.80	-25.06	85.17	0.57	Peak	244	19
4	5725.00	93.23	122.20	-28.97	92.64	0.59	Peak	244	19
5	5925.00	60.04	68.20	-8.16	58.85	1.19	Peak	244	19
6	11490.00	44.35	54.00	-9.65	37.10	7.25	Average	100	207
7	11490.00	56.64	74.00	-17.36	49.39	7.25	Peak	100	207
8	17235.00	60.92	68.20	-7.28	54.82	6.10	Peak	100	216

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

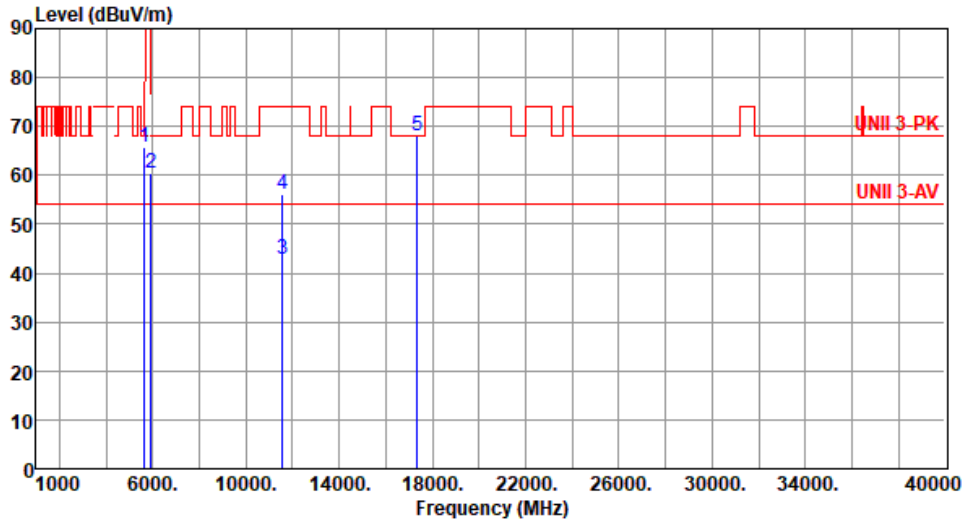


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	59.12	68.20	-9.08	58.88	0.24	Peak	100	17
2	5700.00	68.15	105.20	-37.05	67.68	0.47	Peak	100	17
3	5720.00	81.95	110.80	-28.85	81.38	0.57	Peak	100	17
4	5725.00	92.72	122.20	-29.48	92.13	0.59	Peak	100	17
5	5925.00	60.05	68.20	-8.15	58.86	1.19	Peak	100	17
6	11490.00	43.28	54.00	-10.72	36.03	7.25	Average	100	108
7	11490.00	55.98	74.00	-18.02	48.73	7.25	Peak	100	108
8	17235.00	60.97	68.20	-7.23	54.87	6.10	Peak	100	216

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

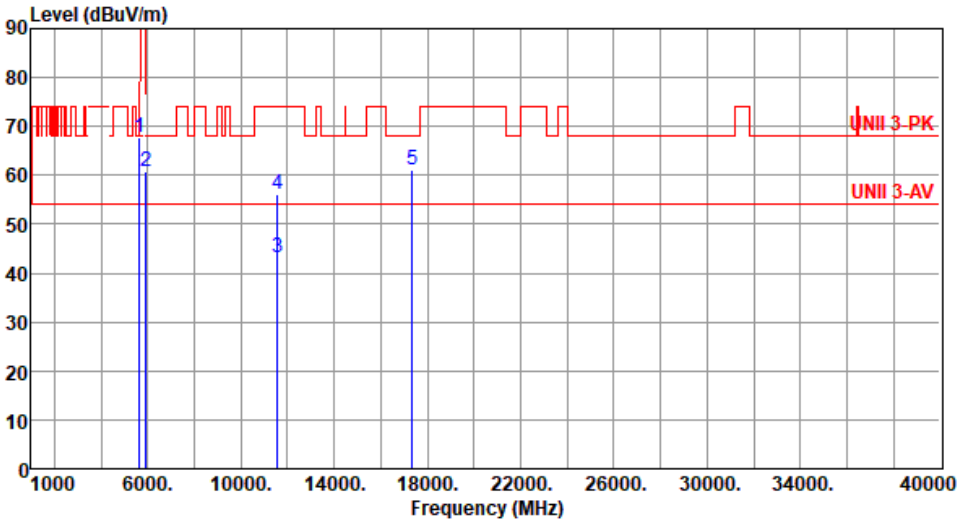


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	65.88	68.20	-2.32	65.64	0.24	Peak	110	21
2	5925.00	60.57	68.20	-7.63	59.38	1.19	Peak	110	21
3	11570.00	42.83	54.00	-11.17	35.80	7.03	Average	100	248
4	11570.00	56.02	74.00	-17.98	48.99	7.03	Peak	100	248
5	17355.00	68.07	68.20	-0.13	61.84	6.23	Peak	108	211

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

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

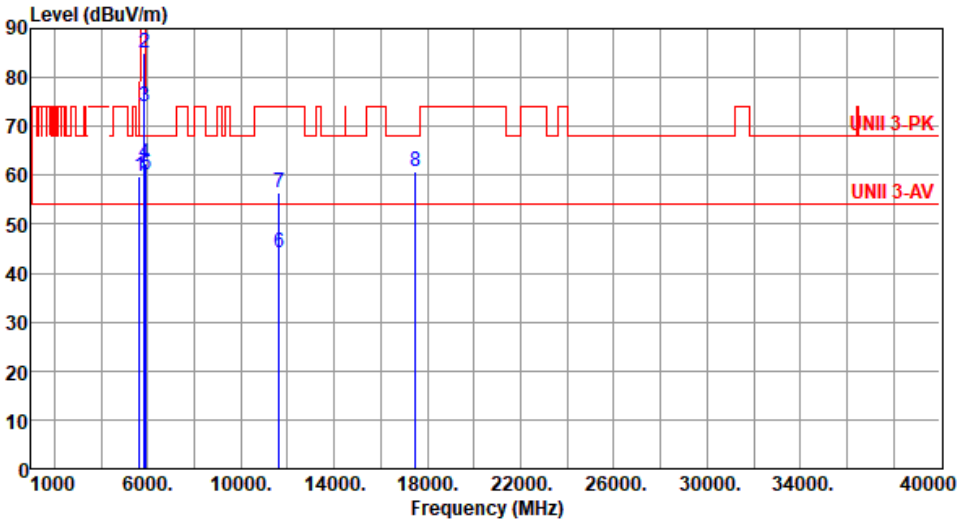


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.83	68.20	-0.37	67.59	0.24	Peak	235	337
2	5925.00	60.88	68.20	-7.32	59.69	1.19	Peak	235	337
3	11570.00	43.02	54.00	-10.98	35.99	7.03	Average	100	186
4	11570.00	56.23	74.00	-17.77	49.20	7.03	Peak	100	186
5	17355.00	61.22	68.20	-6.98	54.99	6.23	Peak	100	214

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

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

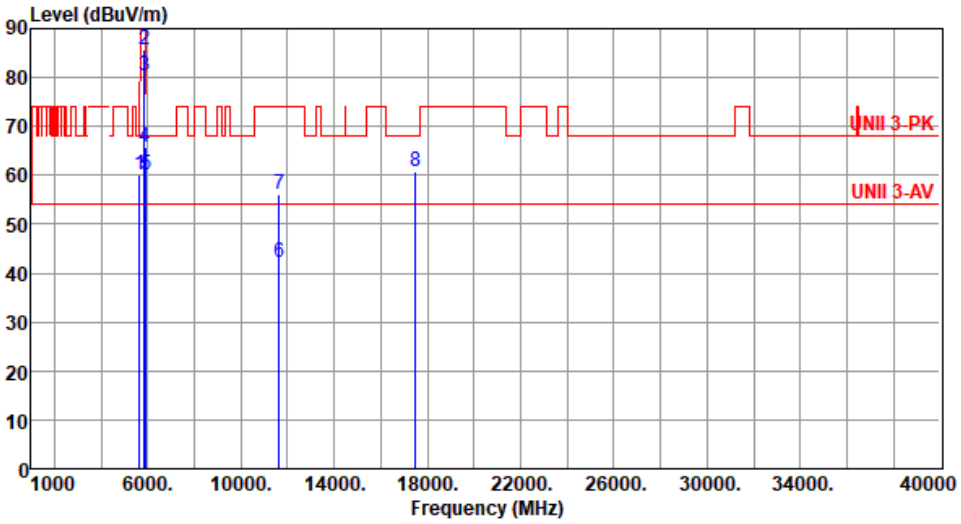


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	59.94	68.20	-8.26	59.70	0.24	Peak	210	20
2	5850.00	84.92	122.20	-37.28	84.04	0.88	Peak	210	20
3	5855.00	74.04	110.80	-36.76	73.13	0.91	Peak	210	20
4	5875.00	62.38	105.20	-42.82	61.38	1.00	Peak	210	20
5	5925.00	60.20	68.20	-8.00	59.01	1.19	Peak	210	20
6	11650.00	44.01	54.00	-9.99	37.25	6.76	Average	169	206
7	11650.00	56.57	74.00	-17.43	49.81	6.76	Peak	169	206
8	17475.00	60.77	68.20	-7.43	54.18	6.59	Peak	166	203

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

Modulation	be EHT20-OFDMA	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62



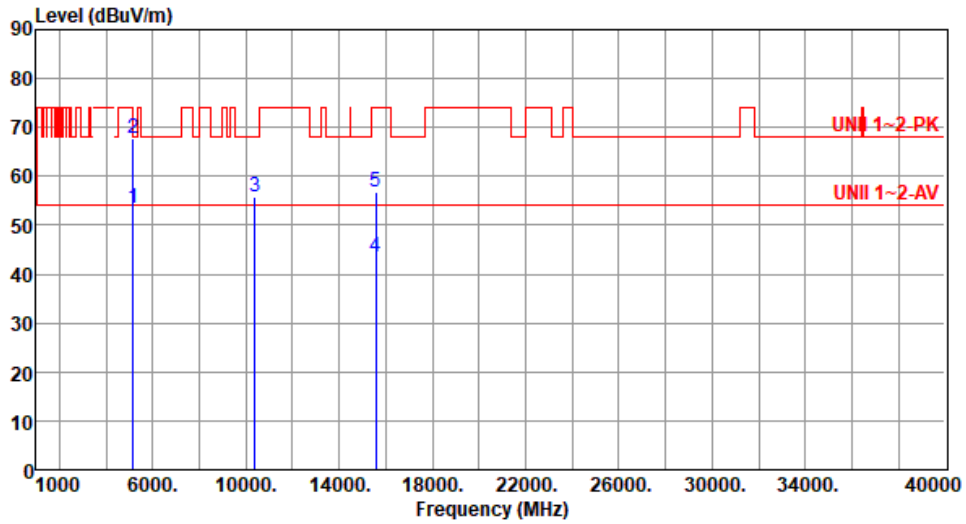
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.07	68.20	-8.13	59.83	0.24	Peak	172	24
2	5850.00	85.70	122.20	-36.50	84.82	0.88	Peak	172	24
3	5855.00	80.24	110.80	-30.56	79.33	0.91	Peak	172	24
4	5875.00	65.64	105.20	-39.56	64.64	1.00	Peak	172	24
5	5925.00	59.95	68.20	-8.25	58.76	1.19	Peak	172	24
6	11650.00	42.24	54.00	-11.76	35.48	6.76	Average	100	128
7	11650.00	56.02	74.00	-17.98	49.26	6.76	Peak	100	128
8	17475.00	60.81	68.20	-7.39	54.22	6.59	Peak	100	209

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

Unwanted Emissions (Above 1GHz) for be EHT40-OFDMA

Modulation	be EHT40-OFDMA	**Test Freq. (MHz)**	5190
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

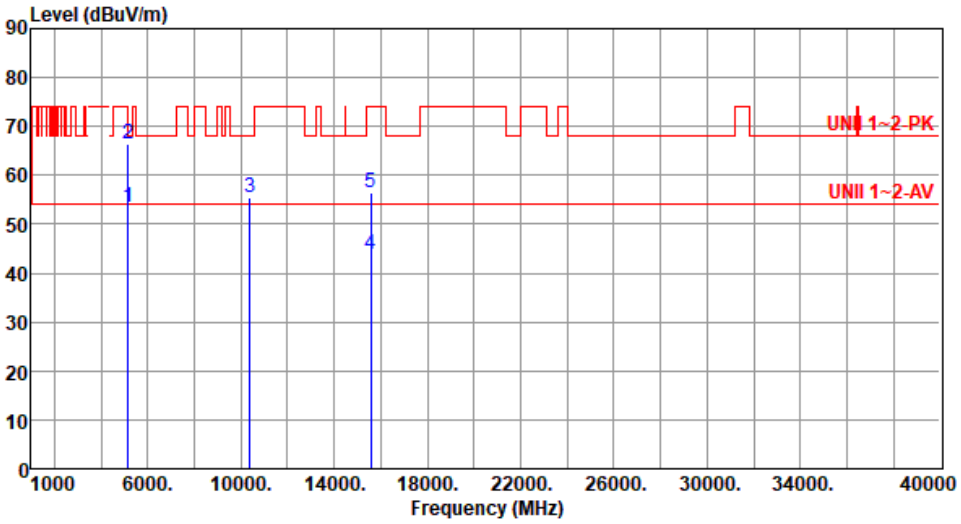


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.32	54.00	-0.68	53.08	0.24	Average	226	5
2	5150.00	67.71	74.00	-6.29	67.47	0.24	Peak	226	5
3	10380.00	55.77	68.20	-12.43	48.63	7.14	Peak	100	114
4	15570.00	43.53	54.00	-10.47	39.49	4.04	Average	100	77
5	15570.00	56.73	74.00	-17.27	52.69	4.04	Peak	100	77

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

Modulation	be EHT40-OFDMA	**Test Freq. (MHz)**	5190
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

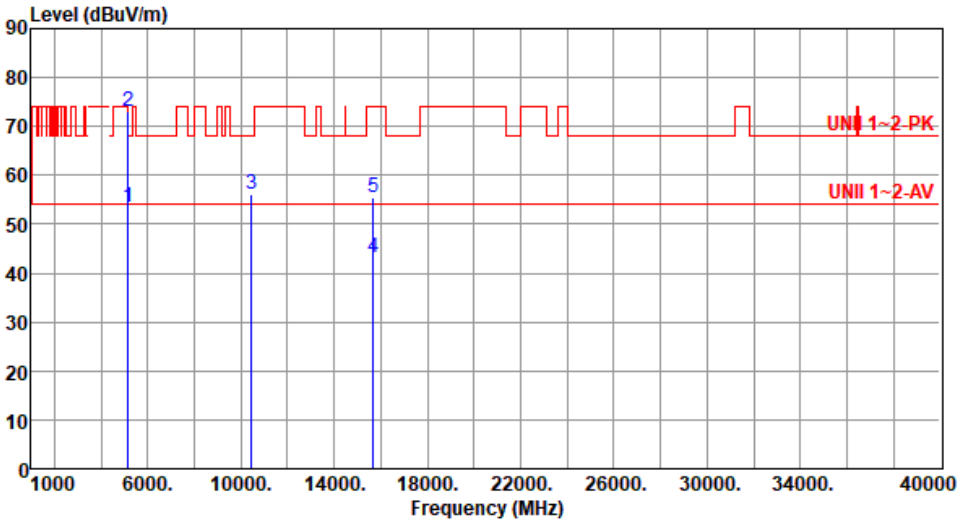


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.35	54.00	-0.65	53.11	0.24	Average	156	9
2	5150.00	66.50	74.00	-7.50	66.26	0.24	Peak	156	9
3	10380.00	55.59	68.20	-12.61	48.45	7.14	Peak	100	81
4	15570.00	43.68	54.00	-10.32	39.64	4.04	Average	100	46
5	15570.00	56.46	74.00	-17.54	52.42	4.04	Peak	100	46

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):64

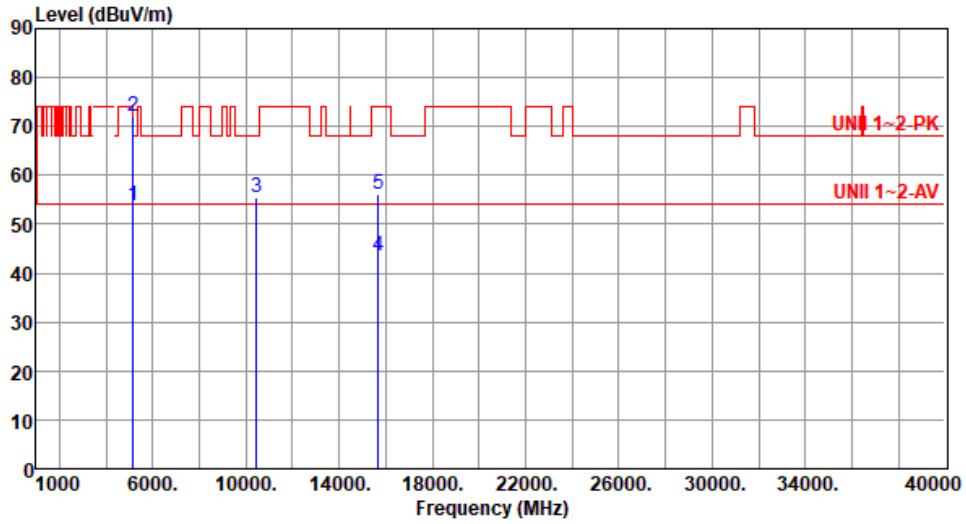


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.54	54.00	-0.46	53.30	0.24	Average	229	7
2	5150.00	72.97	74.00	-1.03	72.73	0.24	Peak	229	7
3	10460.00	55.97	68.20	-12.23	48.73	7.24	Peak	100	56
4	15690.00	43.30	54.00	-10.70	39.38	3.92	Average	100	95
5	15690.00	55.58	74.00	-18.42	51.66	3.92	Peak	100	95

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):64

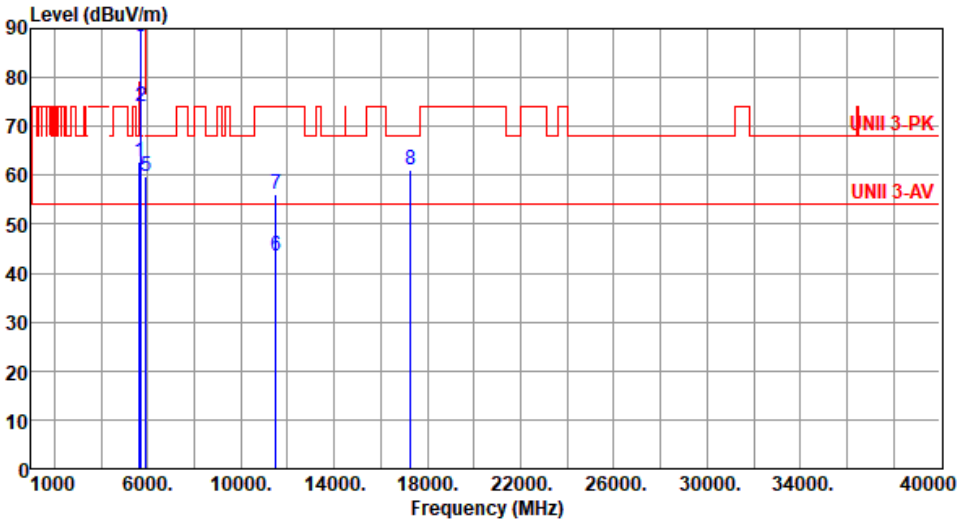


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.78	54.00	-0.22	53.54	0.24	Average	173	12
2	5150.00	71.96	74.00	-2.04	71.72	0.24	Peak	173	12
3	10460.00	55.50	68.20	-12.70	48.26	7.24	Peak	100	107
4	15690.00	43.37	54.00	-10.63	39.45	3.92	Average	100	64
5	15690.00	56.14	74.00	-17.86	52.22	3.92	Peak	100	64

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

Modulation	be EHT40-OFDMA	**Test Freq. (MHz)**	5755
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

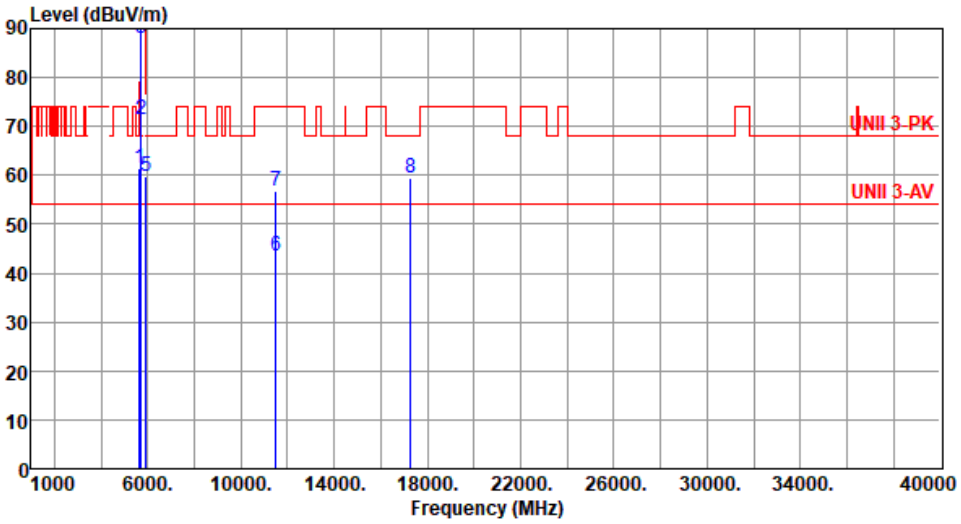


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	62.74	68.20	-5.46	62.50	0.24	Peak	221	17
2	5700.00	74.18	105.20	-31.02	73.71	0.47	Peak	221	17
3	5720.00	88.41	110.80	-22.39	87.84	0.57	Peak	221	17
4	5725.00	91.03	122.20	-31.17	90.44	0.59	Peak	221	17
5	5925.00	59.63	68.20	-8.57	58.44	1.19	Peak	221	17
6	11510.00	43.48	54.00	-10.52	36.24	7.24	Average	100	109
7	11510.00	56.27	74.00	-17.73	49.03	7.24	Peak	100	109
8	17265.00	61.04	68.20	-7.16	54.97	6.07	Peak	100	204

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA	**Test Freq. (MHz)**	5755
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

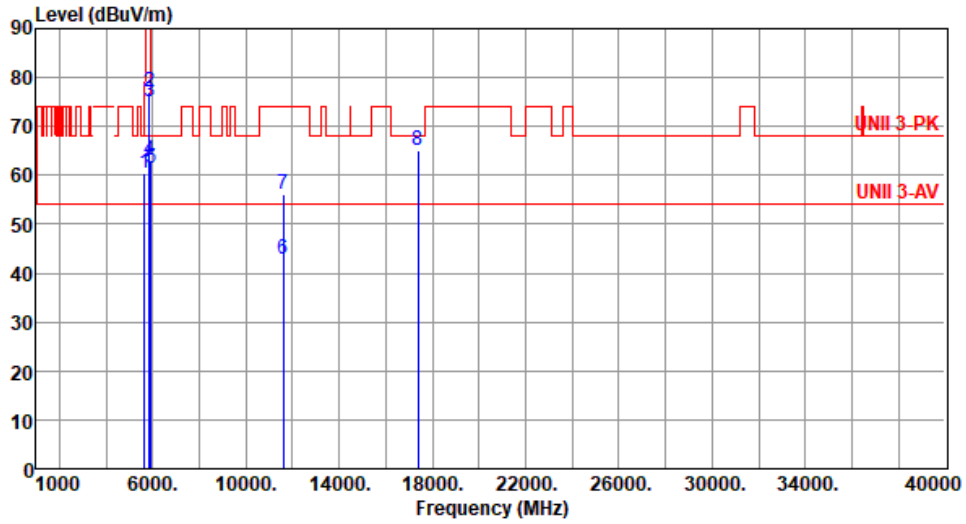


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	61.53	68.20	-6.67	61.29	0.24	Peak	161	23
2	5700.00	71.32	105.20	-33.88	70.85	0.47	Peak	161	23
3	5720.00	88.12	110.80	-22.68	87.55	0.57	Peak	161	23
4	5725.00	90.84	122.20	-31.36	90.25	0.59	Peak	161	23
5	5925.00	59.86	68.20	-8.34	58.67	1.19	Peak	161	23
6	11510.00	43.42	54.00	-10.58	36.18	7.24	Average	100	158
7	11510.00	56.86	74.00	-17.14	49.62	7.24	Peak	100	158
8	17265.00	59.61	68.20	-8.59	53.54	6.07	Peak	100	59

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

Modulation	be EHT40-OFDMA	**Test Freq. (MHz)**	5795
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

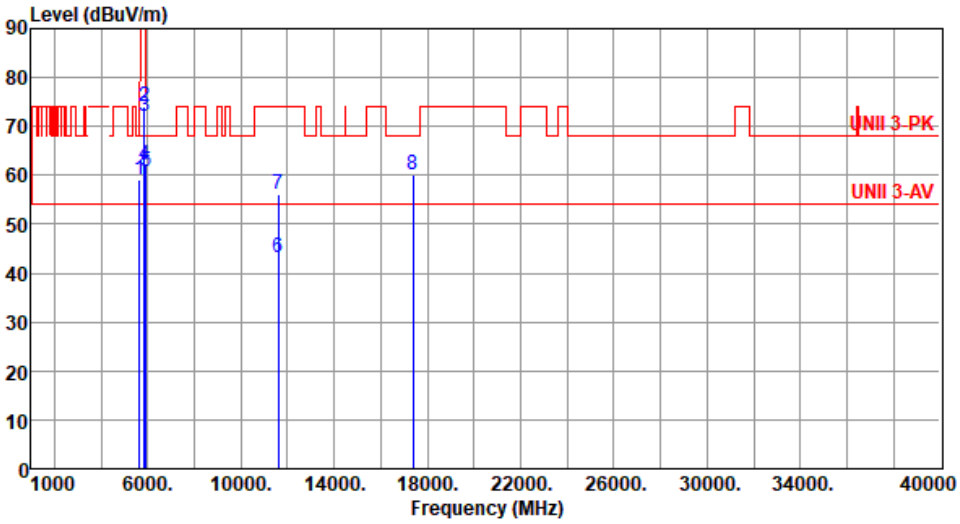


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.42	68.20	-7.78	60.18	0.24	Peak	239	16
2	5850.00	77.07	122.20	-45.13	76.19	0.88	Peak	239	16
3	5855.00	75.01	110.80	-35.79	74.10	0.91	Peak	239	16
4	5875.00	63.14	105.20	-42.06	62.14	1.00	Peak	239	16
5	5925.00	61.42	68.20	-6.78	60.23	1.19	Peak	239	16
6	11590.00	42.94	54.00	-11.06	35.98	6.96	Average	100	71
7	11590.00	56.20	74.00	-17.80	49.24	6.96	Peak	100	71
8	17385.00	64.99	68.20	-3.21	58.65	6.34	Peak	100	224

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

Modulation	be EHT40-OFDMA	**Test Freq. (MHz)**	5795
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62



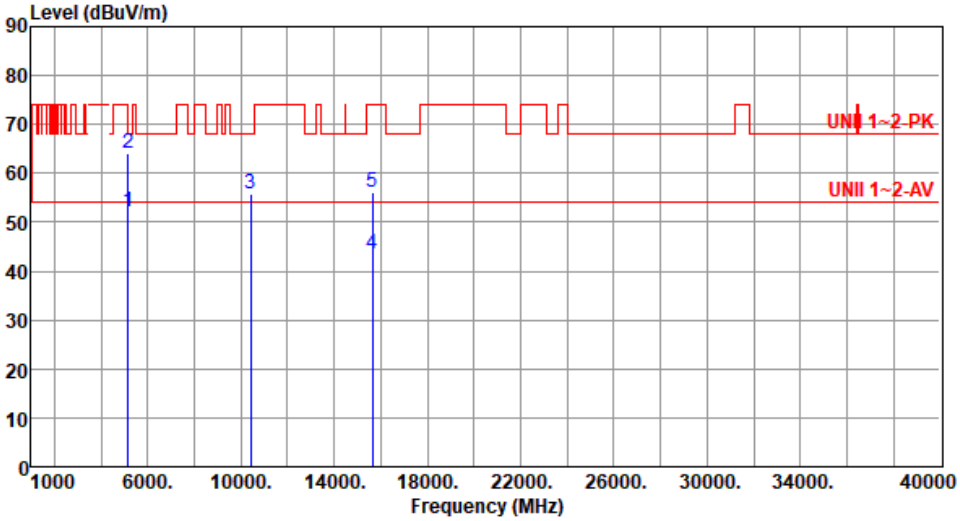
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	59.08	68.20	-9.12	58.84	0.24	Peak	108	18
2	5850.00	74.17	122.20	-48.03	73.29	0.88	Peak	108	18
3	5855.00	71.92	110.80	-38.88	71.01	0.91	Peak	108	18
4	5875.00	62.15	105.20	-43.05	61.15	1.00	Peak	108	18
5	5925.00	60.85	68.20	-7.35	59.66	1.19	Peak	108	18
6	11590.00	43.07	54.00	-10.93	36.11	6.96	Average	100	103
7	11590.00	56.15	74.00	-17.85	49.19	6.96	Peak	100	103
8	17385.00	60.00	68.20	-8.20	53.66	6.34	Peak	100	158

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

Unwanted Emissions (Above 1GHz) for be EHT80-OFDMA

Modulation	be EHT80-OFDMA	**Test Freq. (MHz)**	5210
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

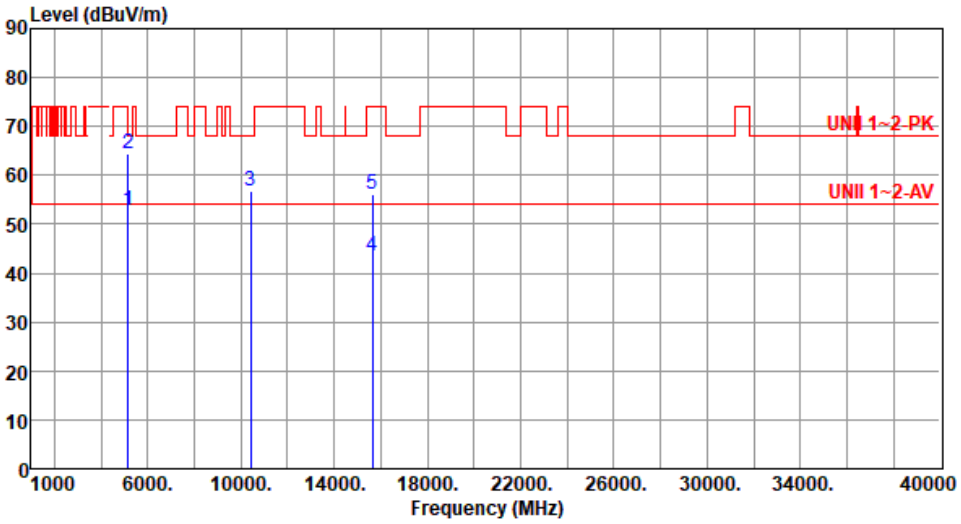


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.17	54.00	-1.83	51.93	0.24	Average	183	3
2	5150.00	64.00	74.00	-10.00	63.76	0.24	Peak	183	3
3	10420.00	55.83	68.20	-12.37	48.63	7.20	Peak	100	133
4	15630.00	43.53	54.00	-10.47	39.60	3.93	Average	100	55
5	15630.00	56.28	74.00	-17.72	52.35	3.93	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	be EHT80-OFDMA	**Test Freq. (MHz)**	5210
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

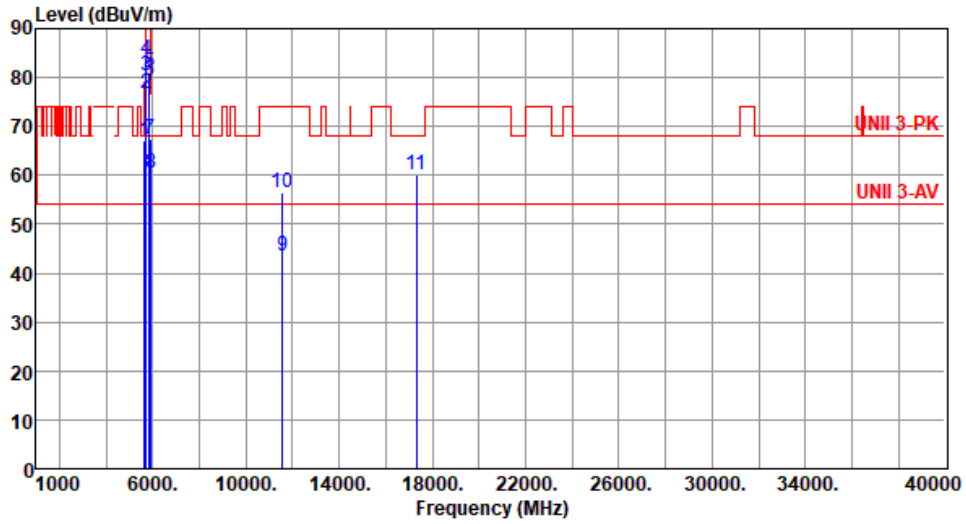


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.86	54.00	-1.14	52.62	0.24	Average	125	343
2	5150.00	64.52	74.00	-9.48	64.28	0.24	Peak	125	343
3	10420.00	56.73	68.20	-11.47	49.53	7.20	Peak	100	95
4	15630.00	43.62	54.00	-10.38	39.69	3.93	Average	100	114
5	15630.00	56.23	74.00	-17.77	52.30	3.93	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	be EHT80-OFDMA	**Test Freq. (MHz)**	5775
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62

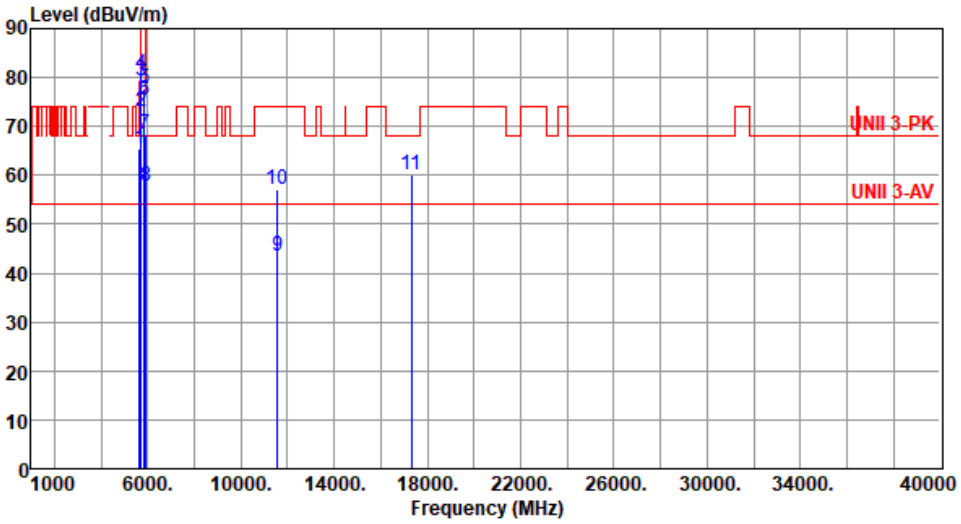


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.03	68.20	-1.17	66.79	0.24	Peak	152	13
2	5700.00	76.61	105.20	-28.59	76.14	0.47	Peak	152	13
3	5720.00	80.24	110.80	-30.56	79.67	0.57	Peak	152	13
4	5725.00	83.85	122.20	-38.35	83.26	0.59	Peak	152	13
5	5850.00	81.10	122.20	-41.10	80.22	0.88	Peak	152	13
6	5855.00	79.36	110.80	-31.44	78.45	0.91	Peak	152	13
7	5875.00	67.42	105.20	-37.78	66.42	1.00	Peak	152	13
8	5925.00	60.52	68.20	-7.68	59.33	1.19	Peak	152	13
9	11550.00	43.38	54.00	-10.62	36.28	7.10	Average	100	79
10	11550.00	56.45	74.00	-17.55	49.35	7.10	Peak	100	79
11	17325.00	60.06	68.20	-8.14	53.94	6.12	Peak	100	183

Note 1: Emission Level (dBuV/m) = SA Reading (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-OFDMA	**Test Freq. (MHz)**	5775
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):26 Humidity(%):62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	65.59	68.20	-2.61	65.35	0.24	Peak	116	14
2	5700.00	72.99	105.20	-32.21	72.52	0.47	Peak	116	14
3	5720.00	79.42	110.80	-31.38	78.85	0.57	Peak	116	14
4	5725.00	80.85	122.20	-41.35	80.26	0.59	Peak	116	14
5	5850.00	77.84	122.20	-44.36	76.96	0.88	Peak	116	14
6	5855.00	75.22	110.80	-35.58	74.31	0.91	Peak	116	14
7	5875.00	68.33	105.20	-36.87	67.33	1.00	Peak	116	14
8	5925.00	57.66	68.20	-10.54	56.47	1.19	Peak	116	14
9	11550.00	43.41	54.00	-10.59	36.31	7.10	Average	100	69
10	11550.00	57.13	74.00	-16.87	50.03	7.10	Peak	100	69
11	17325.00	60.03	68.20	-8.17	53.91	6.12	Peak	100	161

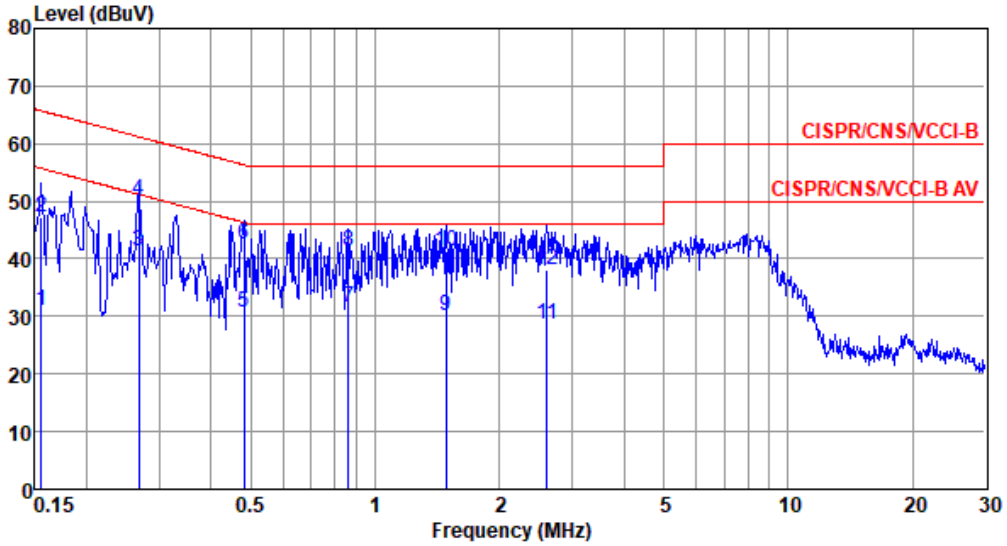
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Frequency: 5200 MHz	Frequency Drift (ppm)			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	0.73	0.41	-0.27	-0.65
T20°CVmin	0.66	0.32	-0.55	-0.91
T40°CVnom	-6.69	-7.20	-7.77	-7.97
T30°CVnom	-2.72	-3.63	-4.67	-4.85
T20°CVnom	0.69	0.30	-0.28	-0.81
T10°CVnom	4.72	4.07	3.37	3.04
T0°CVnom	9.33	6.07	4.94	4.07
Vnom [V]: 120		Vmax [V]: 138		Vmin [V]: 102
Tnom [°C]: 20		Tmax [°C]: 40		Tmin [°C]: 0

Frequency: 5785 MHz	Frequency Drift (ppm			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	4.18	2.41	0.37	-4.25
T20°CVmin	4.42	2.52	0.28	-4.04
T40°CVnom	-7.50	-7.64	-8.07	-8.26
T30°CVnom	0.27	-0.26	-4.28	-6.02
T20°CVnom	4.13	2.75	0.45	-4.28
T10°CVnom	7.52	2.17	-1.97	-3.48
T0°CVnom	10.25	7.88	7.68	6.39
Vnom [V]: 120		Vmax [V]: 138		Vmin [V]: 102
Tnom [°C]: 20		Tmax [°C]: 40		Tmin [°C]: 0

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

Test by : Joe Liao Temperature: 23°C Humidity: 63%

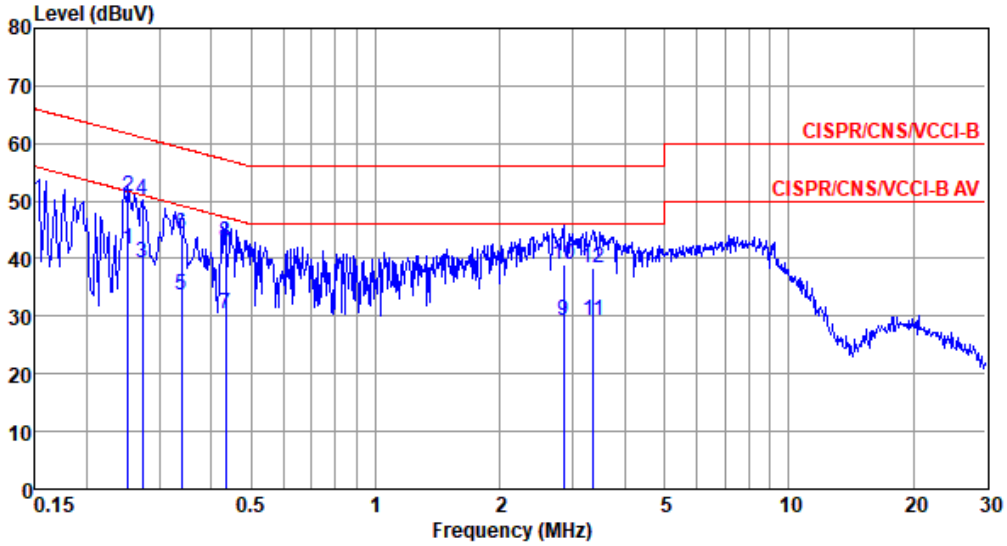


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.156	30.91	55.69	-24.78	21.04	9.63	0.06	0.18	Average
2	0.156	47.09	65.69	-18.60	37.22	9.63	0.06	0.18	QP
3*	0.267	41.23	51.20	-9.97	31.31	9.62	0.06	0.24	Average
4	0.267	50.25	61.20	-10.95	40.33	9.62	0.06	0.24	QP
5	0.481	30.79	46.32	-15.53	20.79	9.62	0.07	0.31	Average
6	0.481	42.37	56.32	-13.95	32.37	9.62	0.07	0.31	QP
7	0.862	31.57	46.00	-14.43	21.51	9.63	0.10	0.33	Average
8	0.862	41.48	56.00	-14.52	31.42	9.63	0.10	0.33	QP
9	1.487	30.19	46.00	-15.81	20.09	9.63	0.12	0.35	Average
10	1.487	41.34	56.00	-14.66	31.24	9.63	0.12	0.35	QP
11	2.608	28.59	46.00	-17.41	18.42	9.64	0.15	0.38	Average
12	2.608	38.19	56.00	-17.81	28.02	9.64	0.15	0.38	QP

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

Modulation Mode	be EHT20-OFDMA	**Test Freq. (MHz)**	5240
Power Phase	Neutral		

Test by : Joe Liao Temperature: 23°C Humidity: 63%

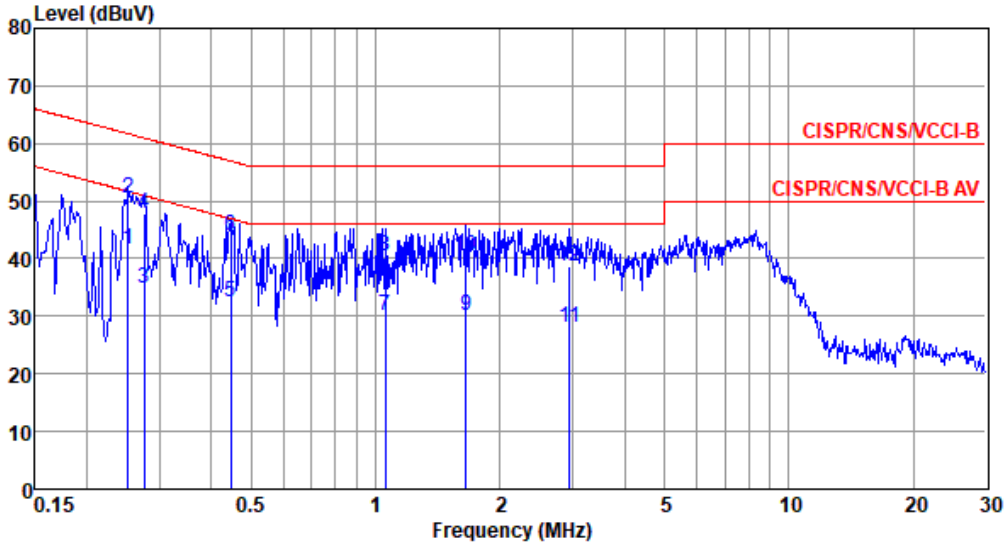


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1*	0.252	41.56	51.69	-10.13	31.64	9.63	0.06	0.23	Average
2	0.252	50.87	61.69	-10.82	40.95	9.63	0.06	0.23	QP
3	0.273	39.25	51.03	-11.78	29.32	9.63	0.06	0.24	Average
4	0.273	50.24	61.03	-10.79	40.31	9.63	0.06	0.24	QP
5	0.339	33.52	49.22	-15.70	23.57	9.62	0.06	0.27	Average
6	0.339	44.37	59.22	-14.85	34.42	9.62	0.06	0.27	QP
7	0.433	30.32	47.20	-16.88	20.34	9.62	0.06	0.30	Average
8	0.433	42.69	57.20	-14.51	32.71	9.62	0.06	0.30	QP
9	2.854	29.15	46.00	-16.85	18.95	9.65	0.16	0.39	Average
10	2.854	38.83	56.00	-17.17	28.63	9.65	0.16	0.39	QP
11	3.364	29.37	46.00	-16.63	19.15	9.65	0.17	0.40	Average
12	3.364	38.27	56.00	-17.73	28.05	9.65	0.17	0.40	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	11a	**Test Freq. (MHz)**	5745
Power Phase	Line		

Test by : Joe Liao Temperature: 23°C Humidity: 63%

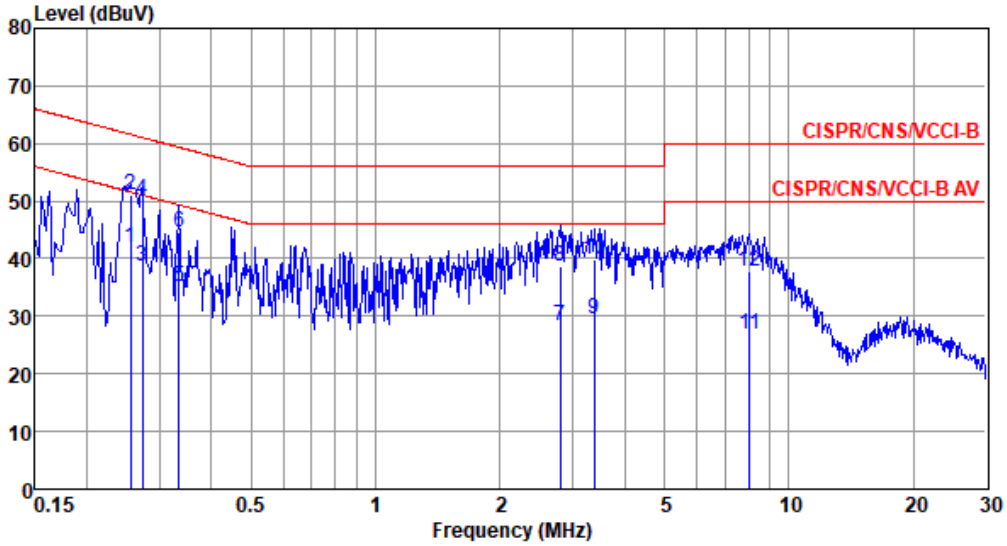


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1*	0.252	41.70	51.69	-9.99	31.79	9.62	0.06	0.23	Average
2	0.252	50.54	61.69	-11.15	40.63	9.62	0.06	0.23	QP
3	0.276	34.75	50.94	-16.19	24.83	9.62	0.06	0.24	Average
4	0.276	47.83	60.94	-13.11	37.91	9.62	0.06	0.24	QP
5	0.447	32.60	46.93	-14.33	22.61	9.62	0.07	0.30	Average
6	0.447	43.84	56.93	-13.09	33.85	9.62	0.07	0.30	QP
7	1.054	30.23	46.00	-15.77	20.16	9.63	0.11	0.33	Average
8	1.054	40.43	56.00	-15.57	30.36	9.63	0.11	0.33	QP
9	1.654	30.26	46.00	-15.74	20.16	9.63	0.12	0.35	Average
10	1.654	40.34	56.00	-15.66	30.24	9.63	0.12	0.35	QP
11	2.946	27.97	46.00	-18.03	17.78	9.64	0.16	0.39	Average
12	2.946	38.77	56.00	-17.23	28.58	9.64	0.16	0.39	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	11a	**Test Freq. (MHz)**	5745
Power Phase	Neutral		

Test by : Joe Liao Temperature: 23°C Humidity: 63%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1*	0.255	41.80	51.60	-9.80	31.88	9.63	0.06	0.23	Average
2	0.255	50.99	61.60	-10.61	41.07	9.63	0.06	0.23	QP
3	0.273	38.77	51.03	-12.26	28.84	9.63	0.06	0.24	Average
4	0.273	50.20	61.03	-10.83	40.27	9.63	0.06	0.24	QP
5	0.334	35.20	49.35	-14.15	25.25	9.62	0.06	0.27	Average
6	0.334	44.66	59.35	-14.69	34.71	9.62	0.06	0.27	QP
7	2.794	28.23	46.00	-17.77	18.05	9.64	0.15	0.39	Average
8	2.794	38.71	56.00	-17.29	28.53	9.64	0.15	0.39	QP
9	3.381	29.38	46.00	-16.62	19.15	9.65	0.17	0.41	Average
10	3.381	39.79	56.00	-16.21	29.56	9.65	0.17	0.41	QP
11	8.020	26.87	50.00	-23.13	16.41	9.70	0.32	0.44	Average
12	8.020	37.91	60.00	-22.09	27.45	9.70	0.32	0.44	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).