

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)
Report No.: RFBFLF-WTW-P24030369-1
FCC ID: MSQ-RTBE7M00
Product: BE3600 Dual Band WiFi Router, BE5000 Dual Band WiFi Router
Brand: ASUS
Model No.: BD5, BD4, BE5000, BE3600
Received Date: 2024/4/11
Test Date: 2024/7/2 ~ 2024/8/13
Issued Date: 2024/8/26
Applicant: ASUSTeK COMPUTER INC.
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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration / 723255 / TW2022
Designation Number:

Approved by: _____

May Chen / Manager

, Date: _____

2024/8/26

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Prepared by : Phoenix Huang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBFLF-WTW-P24030369-1	Original release.	2024/8/26

1 Certificate

Product: BE3600 Dual Band WiFi Router, BE5000 Dual Band WiFi Router

Brand: ASUS

Test Model: BD5, BD4, BE5000, BE3600

Sample Status: Engineering sample

Applicant: ASUSTeK COMPUTER INC.

Test Date: 2024/7/2 ~ 2024/8/13

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

Measurement ANSI C63.10-2013

procedure: KDB 789033 D02 General UNII Test Procedure New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(2)	26 dB Bandwidth	-	For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6 dB Bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
---	Occupied Bandwidth	-	Reference only.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -3.44 dB at 26.60938 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -3.5 dB at 42.79 MHz
15.407(b) (1/10) 15.407(b) (2/10) 15.407(b) (3/10) 15.407(b) (4(i)/10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.1 dB at 5470.00 and 5725.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.

Notes:

1. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. The "Dynamic Frequency Selection measurement" was recorded in DFS test report.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Specification	Expanded Uncertainty (k=2) (±)
26 dB Bandwidth	-	1050.00 Hz
RF Output Power	-	1.1 dB
Power Spectral Density	-	1.3 dB
6 dB Bandwidth	-	1050.00 Hz
Occupied Bandwidth	-	1050.00 Hz
Frequency Stability	-	0.16 ppm
AC Power Conducted Emissions	150 kHz ~ 30 MHz	1.9 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.5 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.1 dB
	18 GHz ~ 40 GHz	5.3 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	BE3600 Dual Band WiFi Router, BE5000 Dual Band WiFi Router
Brand	ASUS
Test Model	BD5, BD4, BE5000, BE3600
Status of EUT	Engineering sample
Power Supply Rating	12 Vdc from adapter
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax mode 4096QAM for OFDMA in 11be mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 1733.3 Mbps 802.11ax: up to 2401.9 Mbps 802.11be: up to 4323.6 Mbps
Operating Frequency	5.18 GHz ~ 5.25 GHz 5.25 GHz ~ 5.32 GHz 5.5 GHz ~ 5.72 GHz 5.745 GHz ~ 5.825 GHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40): 12 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80): 6 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160): 2 802.11be (EHT240): 1
Output Power	CDD Mode: 5.18 GHz ~ 5.25 GHz: 975.098 mW (29.89 dBm) 5.25 GHz ~ 5.32 GHz: 248.618 mW (23.96 dBm) 5.5 GHz ~ 5.72 GHz: 246.639 mW (23.92 dBm) 5.745 GHz ~ 5.825 GHz: 996.733 mW (29.99 dBm) Beamforming Mode 5.18 GHz ~ 5.25 GHz: 803.795 mW (29.05 dBm) 5.25 GHz ~ 5.32 GHz: 247.2 mW (23.93 dBm) 5.5 GHz ~ 5.72 GHz: 248.082 mW (23.95 dBm) 5.745 GHz ~ 5.825 GHz: 980.718 mW (29.92 dBm)
EUT Category	Indoor Access Point

Note:

1. The EUT has below model names, more detailed information as below table.

Product Name	Model Name	Difference
BE3600 Dual Band WiFi Router	BD4	Not enable 240 MHz bandwidth in the 5GHz band
	BE3600	
BE5000 Dual Band WiFi Router	BD5	Enable 240 MHz bandwidth in the 5GHz band
	BE5000	

2. The EUT uses following accessories.

Item	Brand	Model	Specification
AC Adapter 1	AMC	AD-0181200150US-1	AC Input: 100-240 V~, 50/60 Hz, 0.6 A DC Output: 12 V=, 1.5 A DC Output Cable: non-shielded, 1.5 m
AC Adapter 2	KEYU	KA1801A-1201500US	AC Input: 100-240V~, 50/60 Hz, 0.55 A DC Output: 12V=, 1.5 A DC Output Cable: non-shielded, 1.5 m
RJ45 Cable 1	AOC	CON-C-460	Signal Line: White, Cat 5e, non-shielded, 1.5 m
RJ45 Cable 2	AOC	CON-C-443	Signal Line: Black, Cat 5e, non-shielded, 1.5 m

3. There are WLAN (2.4 GHz) and WLAN (5 GHz) technology used for the EUT.

4. Simultaneously transmission combination.

Combination	Technology	
1	WLAN (2.4 GHz)	WLAN (5 GHz)

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

5. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna No.	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	0	Xinsheng	EmP162-B-I90(R)	3	2.4~2.4835	Dipole	ipex(MHF)	90
2	1	Xinsheng	EmP163-B-I60(Y)	3	2.4~2.4835	Dipole	ipex(MHF)	60
3	0	Xinsheng	EmP264-B-I75(W)	3	5.15~5.85	Dipole	ipex(MHF)	75
4	1	Xinsheng	EmP263-B-I135(G)	3	5.15~5.85	Dipole	ipex(MHF)	135

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

2. The EUT incorporates a MIMO function:

5 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11a	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
802.11ac (VHT20)	2TX	2RX
802.11ac (VHT40)	2TX	2RX
802.11ac (VHT80)	2TX	2RX
802.11ac (VHT160)	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11be (EHT20)	2TX	2RX
802.11be (EHT40)	2TX	2RX
802.11be (EHT80)	2TX	2RX
802.11be (EHT160)	2TX	2RX
802.11be (EHT240)	2TX	2RX

Note:

1. All of modulation mode support beamforming function except 802.11a modulation mode.
2. The EUT support Beamforming and CDD mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.
3. The modulation and bandwidth are similar for 802.11n mode for 20 MHz (40 MHz), 802.11ac mode for 20 MHz (40 MHz, 80 MHz, 160 MHz), 802.11ax mode for 20 MHz (40 MHz, 80 MHz, 160 MHz) and 802.11be mode for 20 MHz (40 MHz, 80 MHz, 160 MHz) therefore the manufacturer will control the power for 802.11n/ac/ax mode is same as the 802.11be mode or more lower than it and investigated worst case to representative mode in test report.

3.3 Channel List

FOR 5180 ~ 5320 MHz

8 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20):

Channel	Frequency	Channel	Frequency
36	5180 MHz	52	5260 MHz
40	5200 MHz	56	5280 MHz
44	5220 MHz	60	5300 MHz
48	5240 MHz	64	5320 MHz

4 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	54	5270 MHz
46	5230 MHz	62	5310 MHz

2 channels are provided for 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80):

Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz

1 straddle channel is provided for 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160):

Channel	Frequency
50	5250 MHz

FOR 5500 ~ 5720 MHz

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20):

Channel	Frequency	Channel	Frequency
100	5500 MHz	124	5620 MHz
104	5520 MHz	128	5640 MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600 MHz	144	5720 MHz

6 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40):

Channel	Frequency	Channel	Frequency
102	5510 MHz	126	5630 MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz	142	5710 MHz

3 channels are provided for 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80):

Channel	Frequency	Channel	Frequency
106	5530 MHz	138	5690 MHz
122	5610 MHz		

1 channel is provided for 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160):

Channel	Frequency
114	5570 MHz

1 straddle channel is provided for 802.11be (EHT240):

Channel	Frequency
122	5610 MHz

FOR 5745 ~ 5825 MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20):

Channel	Frequency	Channel	Frequency
149	5745 MHz	161	5805 MHz
153	5765 MHz	165	5825 MHz
157	5785 MHz		

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40):

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80):

Channel	Frequency
155	5775 MHz

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. The AC Adapter has the following models: Adapter 1/ Adapter 2. Pre-scan these models of AC Adapters and find the worst case as a representative test condition. 2. The RJ45 Cable has the following models: RJ45 Cable 1/ RJ45 Cable 2. Pre-scan these models of RJ45 Cables and find the worst case as a representative test condition. 3. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
Worst Case:	1. AC Adapter worst condition: Adapter 2 2. RJ45 Cable worst condition: RJ45 Cable 2

Following channel(s) was (were) selected for the final test as listed below:

Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
26 dB Bandwidth	802.11a	CDD	52, 60, 64, 100, 116, 140, 144	BPSK	6Mb/s
	802.11be (EHT20)	Beamforming	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0
	802.11be (EHT40)		54, 62, 102, 110, 134, 142	BPSK	MCS0
	802.11be (EHT80)		58, 106, 122, 138	BPSK	MCS0
	802.11be (EHT160)		50, 114	BPSK	MCS0
	802.11be (EHT240)		122	BPSK	MCS0
RF Output Power	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)		38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
	802.11be (EHT80)		42, 58, 106, 122, 138, 155	BPSK	MCS0
	802.11be (EHT160)		50, 114	BPSK	MCS0
	802.11be (EHT240)		122	BPSK	MCS0
Power Spectral Density	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)		38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
	802.11be (EHT80)		42, 58, 106, 122, 138, 155	BPSK	MCS0
	802.11be (EHT160)		50, 114	BPSK	MCS0
	802.11be (EHT240)		122	BPSK	MCS0

Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
6 dB Bandwidth	802.11a	CDD	144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	Beamforming	144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)		142, 151, 159	BPSK	MCS0
	802.11be (EHT80)		138, 155	BPSK	MCS0
Occupied Bandwidth	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)		38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
	802.11be (EHT80)		42, 58, 106, 122, 138, 155	BPSK	MCS0
	802.11be (EHT160)		50, 114	BPSK	MCS0
	802.11be (EHT240)		122	BPSK	MCS0
Frequency Stability	802.11a	-	36	unmodulated	-
AC Power Conducted Emissions	802.11be (EHT40)	Beamforming	151	BPSK	MCS0
Unwanted Emissions below 1 GHz	802.11be (EHT40)	Beamforming	151	BPSK	MCS0
Unwanted Emissions above 1 GHz	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)		38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
	802.11be (EHT80)		42, 58, 106, 122, 138, 155	BPSK	MCS0
	802.11be (EHT160)		50, 114	BPSK	MCS0
	802.11be (EHT240)		122	BPSK	MCS0

Note:

- Partial RU (resource unit) and channel puncturing mechanisms are not supported.
- EUT has variant models of BD4/BD5, and the hardware designs are identical. The difference between the two models is the BD4 model does not enable 240MHz bandwidth in the 5GHz band. From the above, BD5 was selected as the representative test condition.

3.5 Duty Cycle of Test Signal

802.11a CDD: Duty cycle = 1.978 ms / 1.993 ms x 100% = 99.2%

802.11be (EHT20) Beamforming:

Duty cycle = 2.976 ms / 3.102 ms x 100% = 95.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.18 \text{ dB}$

802.11be (EHT40) Beamforming:

Duty cycle = 3.651 ms / 3.836 ms x 100% = 95.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.21 \text{ dB}$

802.11be (EHT80) Beamforming:

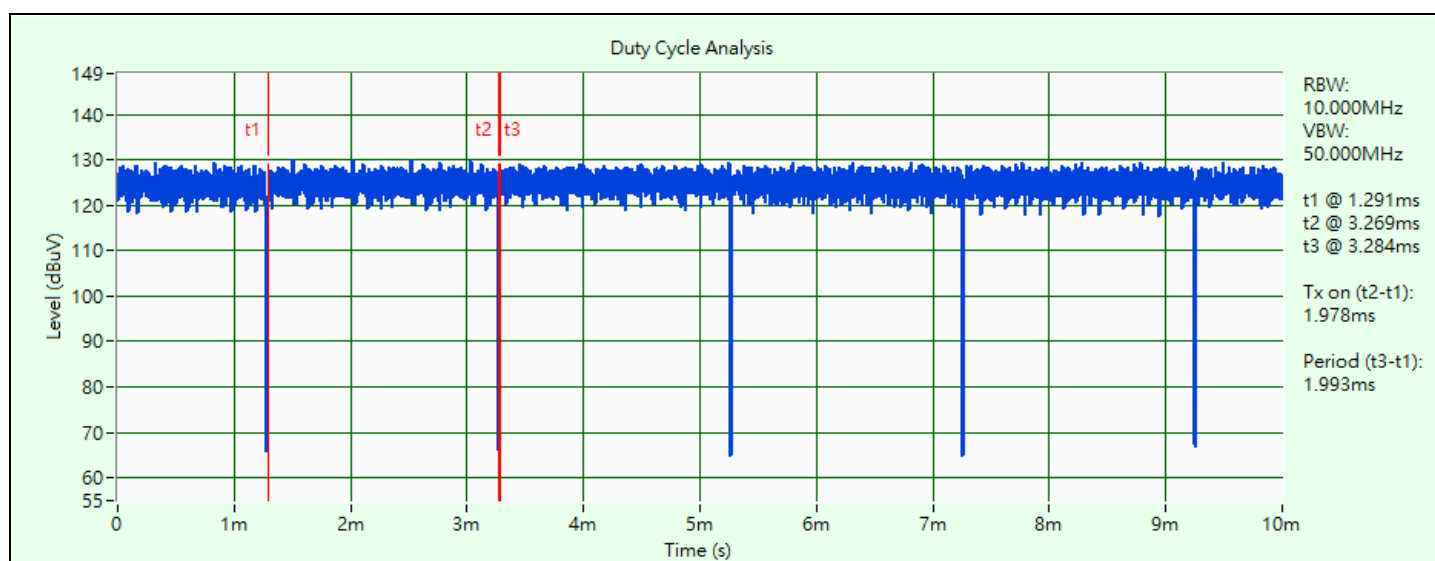
Duty cycle = 3.878 ms / 4.036 ms x 100% = 96.1%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.17 \text{ dB}$

802.11be (EHT160) Beamforming:

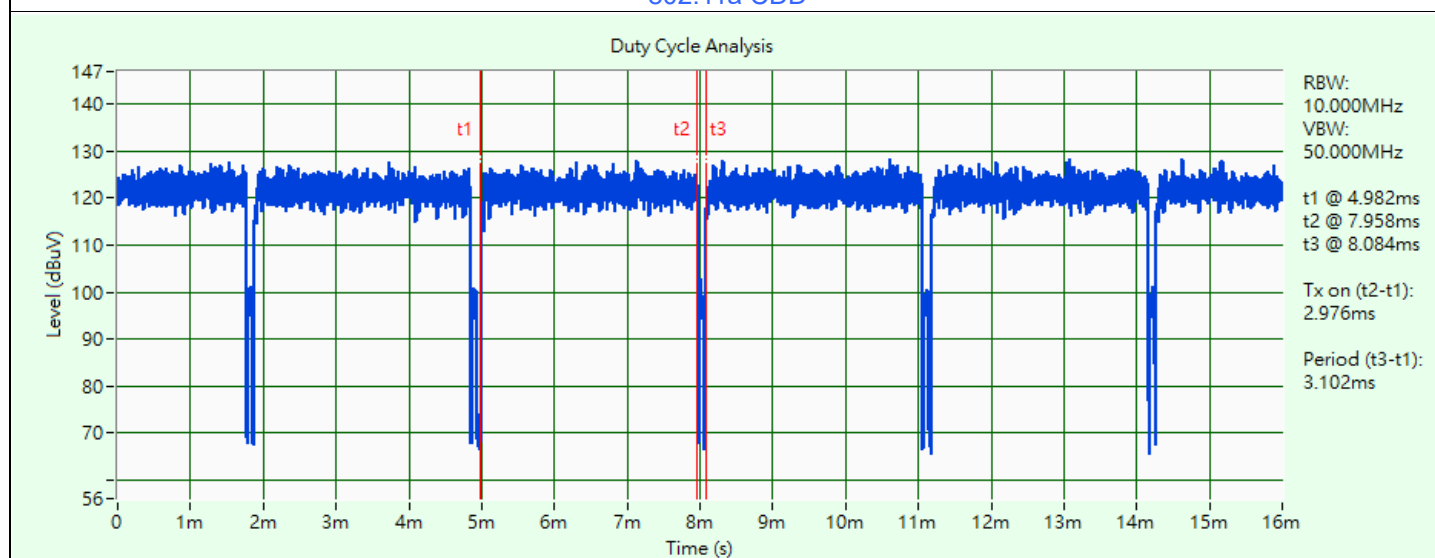
Duty cycle = 3.886 ms / 3.984 ms x 100% = 97.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.11 \text{ dB}$

802.11be (EHT240) Beamforming:

Duty cycle = 3.89 ms / 3.988 ms x 100% = 97.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.11 \text{ dB}$

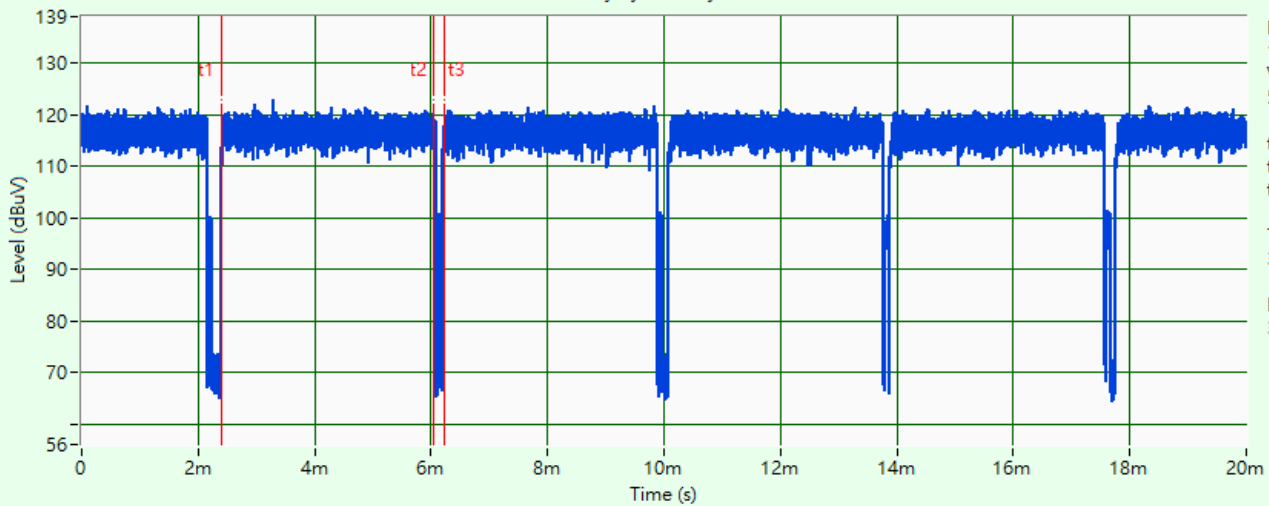


802.11a CDD



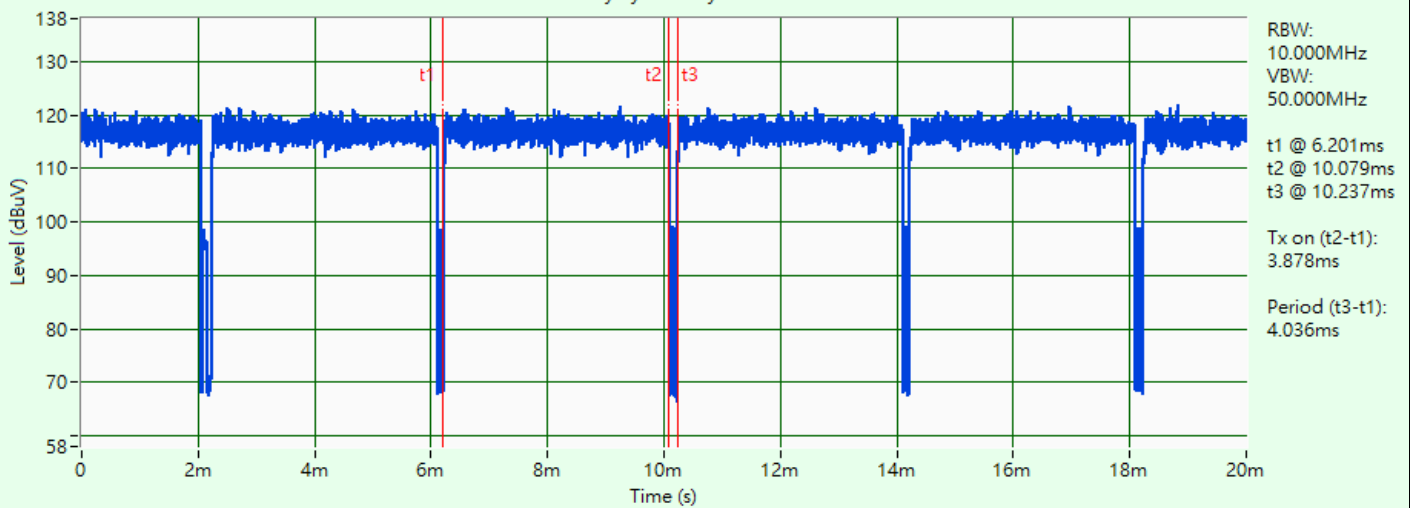
802.11be (EHT20) Beamforming

Duty Cycle Analysis



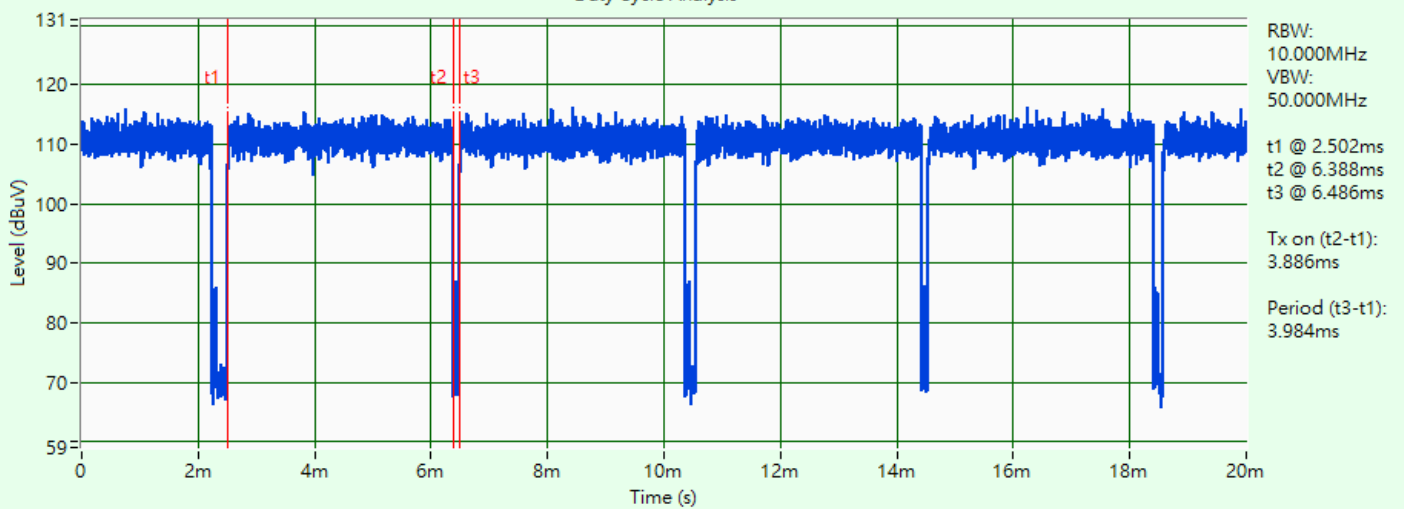
802.11be (EHT40) Beamforming

Duty Cycle Analysis

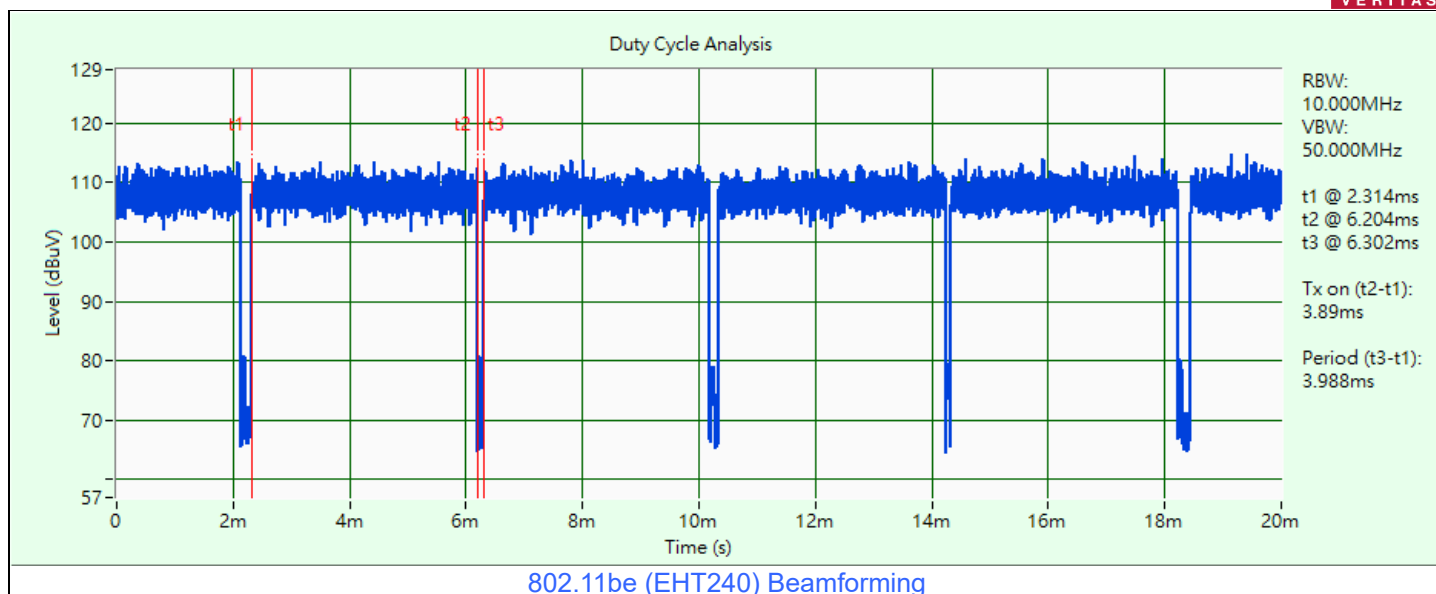


802.11be (EHT80) Beamforming

Duty Cycle Analysis



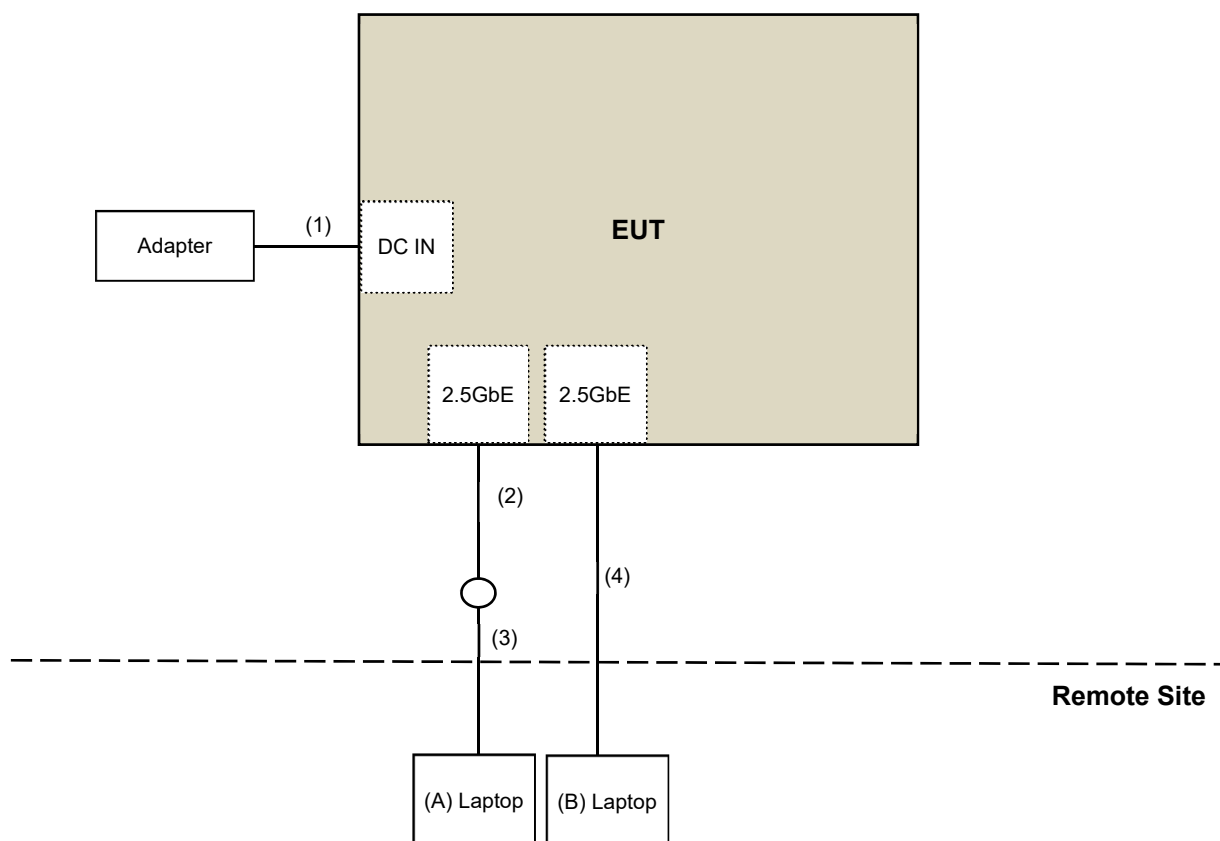
802.11be (EHT160) Beamforming



3.6 Test Program Used and Operation Descriptions

Controlling software (QPSR V6.00.00113.4) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Lenovo	20U5S01X00 L14	PF-28LKK7	N/A	Provided by Lab
B	Laptop	Lenovo	20U5S01X00 L14	PF-1ANPYA	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.5	No	0	Supplied by applicant
2	RJ-45 Cable	1	1.5	No	0	Supplied by applicant
3	RJ-45 Cable	1	10	No	0	Provided by Lab
4	RJ-45 Cable	1	10	No	0	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 26 dB Bandwidth

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXA Signal Analyzer Keysight	N9020B	MY60112408	2024/3/7	2025/3/6
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/8/7 ~ 2024/8/13

4.2 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXA Signal Analyzer Keysight	N9020B	MY60112408	2024/3/7	2025/3/6
Pulse Power Sensor Anritsu	MA2411B	1726434	2024/6/7	2025/6/6
RF Power Meter Anritsu	ML2495A	1529002	2024/6/7	2025/6/6
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/8/7 ~ 2024/8/13

4.3 Power Spectral Density

Refer to section 4.1 to get the tested date and information of the instruments.

4.4 6 dB Bandwidth

Refer to section 4.1 to get the tested date and information of the instruments.

4.5 Occupied Bandwidth

Refer to section 4.1 to get the tested date and information of the instruments.

4.6 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
AC Power Source GOOD WILL	6905S	1991551	N/A	N/A
MXA Signal Analyzer Keysight	N9020B	MY60112408	2024/3/7	2025/3/6
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2023/12/20	2024/12/19
True RMS Clamp Meter FLUKE	325	31130711WS	2024/6/13	2025/6/12

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/8/7 ~ 2024/8/13

4.7 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance Telegartner	50 ohm	3	2023/10/20	2024/10/19
EMI Test Receiver R&S	ESCS 30	847124/029	2023/10/18	2024/10/17
Fixed Attenuator STI	STI02-2200-10	005	2024/2/19	2025/2/18
LISN R&S	ESH3-Z5	835239/001	2024/4/3	2025/4/2
		848773/004	2023/10/13	2024/10/12
RF Coaxial Cable JYEBAO	5D-FB	COCCAB-001	2024/2/19	2025/2/18
Software BVADT	BVADT_Cond_V7.3.7.4	N/A	N/A	N/A

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2024/7/4

4.8 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-406	2023/10/13	2024/10/12
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Fixed Attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	2024/2/17	2025/2/16
Loop Antenna Electro-Metrics	EM-6879	264	2024/2/23	2025/2/22
MXE EMI Receiver Agilent	N9038A	MY51210202	2023/7/19	2024/7/18
Preamplifier EMCI	EMC330N	980701	2024/2/17	2025/2/16
	EMC001340	980142	2024/2/19	2025/2/18
RF Coaxial Cable JYBAO	5D-FB	LOOPCAB-001	2024/2/19	2025/2/18
		LOOPCAB-002	2024/2/19	2025/2/18
RF Coaxial Cable mTJ	100100-CFD400LW-200	CFD400-200	2024/2/17	2025/2/16
	100100-CFD400LW-400	CFD400-400	2024/2/17	2025/2/16
	100100-CFD400LW-800	CFD400-800	2024/2/17	2025/2/16
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2024/7/4

4.9 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-783	2023/11/12	2024/11/11
	BBHA 9170	9170-739	2023/11/12	2024/11/11
MXA Signal Analyzer Keysight	N9020B	MY60112410	2024/3/13	2025/3/12
Preamplifier EMCI	EMC12630SE	980688	2023/10/3	2024/10/2
	EMC184045SE	980387	2023/8/9	2024/8/8
RF Coaxial Cable EMCI	EMC102-KM-KM-1200	160924	2024/1/29	2025/1/28
	EMC102-KM-KM-4000	200214	2024/1/29	2025/1/28
	EMC104-SM-SM-1200	160922	2024/1/29	2025/1/28
	EMC104-SM-SM-2000	180502	2024/1/29	2025/1/28
	EMC104-SM-SM-6000	210704	2023/11/2	2024/11/1
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2024/7/2 ~ 2024/8/6

5 Limits of Test Items

5.1 26 dB Bandwidth

The results are for reference only.

5.2 RF Output Power

Operation Band	EUT Category	Limit
U-NII-1	Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
	Fixed point-to-point Access Point	1 Watt (30 dBm)
	Indoor Access Point	1 Watt (30 dBm)
	Mobile and Portable client device	250mW (24 dBm)

Operation Band	Limit
U-NII-2A	250 mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	250 mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 D01 Multiple Transmitter Output Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

5.3 Power Spectral Density

Operation Band	EUT Category	Limit
U-NII-1	Outdoor Access Point	17 dBm/MHz
	Fixed point-to-point Access Point	
	Indoor Access Point	
	Mobile and Portable client device	11 dBm/MHz

Operation Band	Limit
U-NII-2A	11 dBm/MHz
U-NII-2C	11 dBm/MHz
U-NII-3	30 dBm/500 kHz

5.4 6 dB Bandwidth

Within the 5.725-5.850 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.5 Occupied Bandwidth

The results are for reference only.

5.6 Frequency Stability

The frequency of the carrier signal shall be maintained within band of operation.

5.7 AC Power Conducted Emissions

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Notes:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

5.8 Unwanted Emissions below 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

5.9 Unwanted Emissions above 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Applicable To	Limit	
789033 D02 General UNII Test Procedure New Rules v02r01	Field Strength at 3 m	
	PK: 74 (dBμV/m)	AV: 54 (dBμV/m)

For transmitters operating in the 5.15-5.25 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)

For transmitters operating in the 5.25-5.35 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(2)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)

For transmitters operating in the 5.47-5.725 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(3)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)

For transmitters operating in the 5.725-5.850 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(4)(i)	PK: -27 (dBm/MHz) ^{*1}	PK: 68.2 (dBμV/m) ^{*1}
	PK: 10 (dBm/MHz) ^{*2}	PK: 105.2 (dBμV/m) ^{*2}
	PK: 15.6 (dBm/MHz) ^{*3}	PK: 110.8 (dBμV/m) ^{*3}
	PK: 27 (dBm/MHz) ^{*4}	PK: 122.2 (dBμV/m) ^{*4}

^{*1} beyond 75 MHz or more above of the band edge.

^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

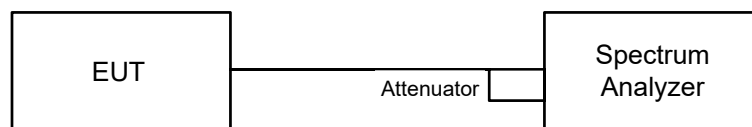
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts).}$$

6 Test Arrangements

6.1 26 dB Bandwidth

6.1.1 Test Setup

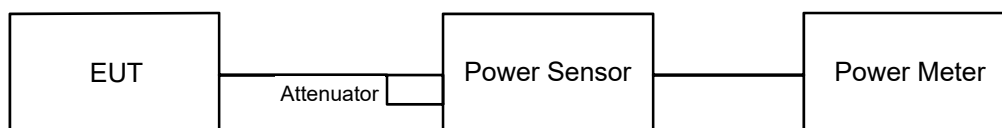


6.1.2 Test Procedure

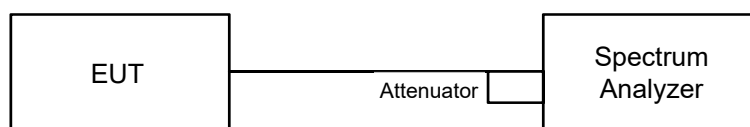
- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

6.2 RF Output Power

6.2.1 Test Setup



For channel straddling:



6.2.2 Test Procedure

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst and set the detector to average. Duty factor is not added to measured value.

For channel straddling:

Method SA-1

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
- Sweep points ≥ $[2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value

Note: When measuring straddle channel power, use compute power by integrating the spectrum across the 26 dB EBW or 99% OBW of the signal using the instrument's band power measurement function, with band limits set equal to the EBW or OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB EBW or 99% OBW of the spectrum.

For channel straddling:

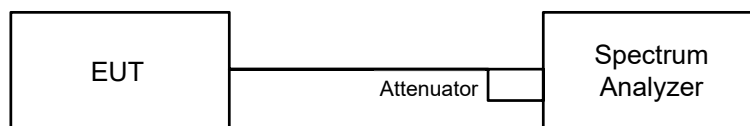
Method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.) Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- Record the max value and add 10 log (1/duty cycle).

Note: When measuring straddle channel power, use compute power by integrating the spectrum across the 26 dB EBW or 99% OBW of the signal using the instrument’s band power measurement function, with band limits set equal to the EBW or OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB EBW or 99% OBW of the spectrum.

6.3 Power Spectral Density

6.3.1 Test Setup



6.3.2 Test Procedure

For specified measurement bandwidth 1 MHz:

Method SA-1

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value

For specified measurement bandwidth 1 MHz:

Method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- Record the max value and add 10 log (1/duty cycle).

For specified measurement bandwidth 500 kHz:

Method SA-1

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
- Scale the observed power level to an equivalent value in 500 kHz by adjusting (increasing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500 \text{ kHz}/300 \text{ kHz})$
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value

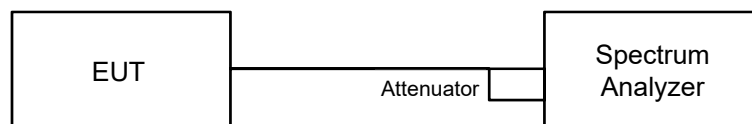
For specified measurement bandwidth 500 kHz:

Method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
- Scale the observed power level to an equivalent value in 500 kHz by adjusting (increasing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500 \text{ kHz}/300 \text{ kHz})$
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- Record the max value and add $10 \log (1/\text{duty cycle})$.

6.4 6 dB Bandwidth

6.4.1 Test Setup

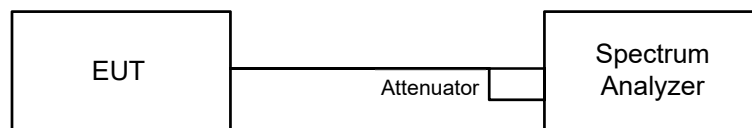


6.4.2 Test Procedure

- Set resolution bandwidth (RBW) = 100 kHz.
- Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$, Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.5 Occupied Bandwidth

6.5.1 Test Setup

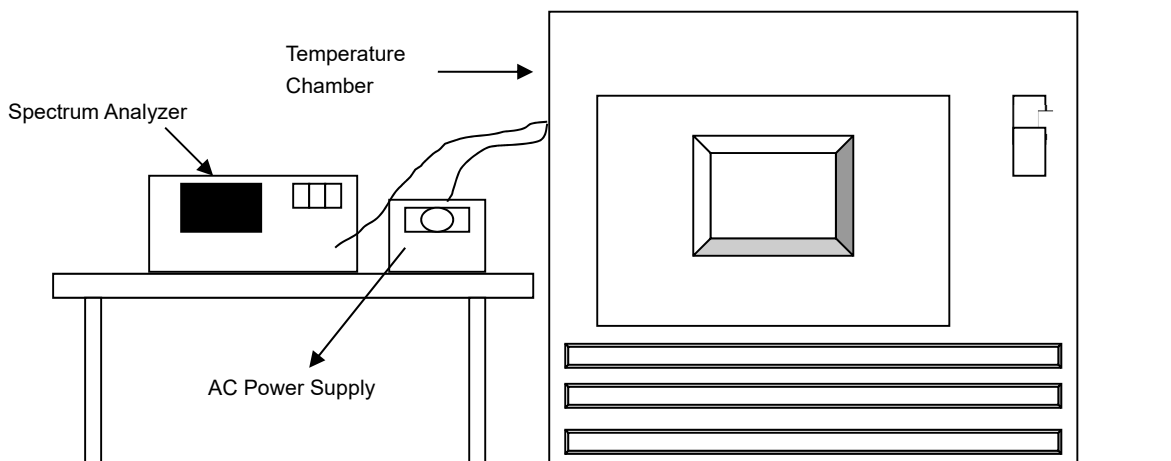


6.5.2 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to Sampling. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean power of a given emission.

6.6 Frequency Stability

6.6.1 Test Setup

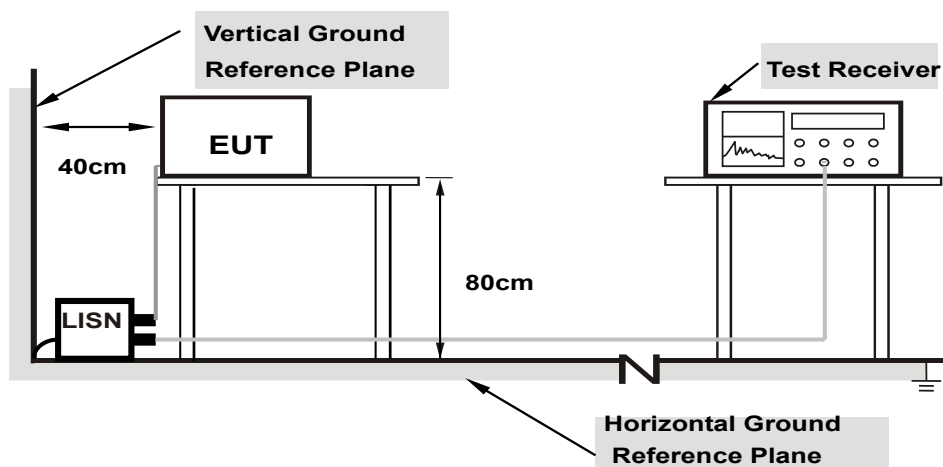


6.6.2 Test Procedure

- The EUT was placed inside the environmental test chamber and powered by nominal AC voltage.
- Turn the EUT on and couple its output to a spectrum analyzer.
- Turn the EUT off and set the chamber to the highest temperature specified.
- Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
- Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
- The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

6.7 AC Power Conducted Emissions

6.7.1 Test Setup



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

For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.7.2 Test Procedure

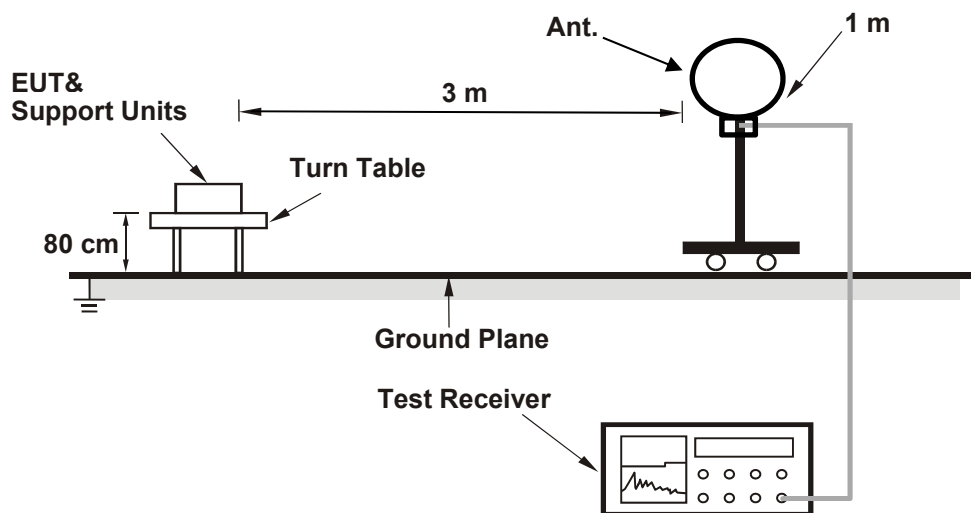
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

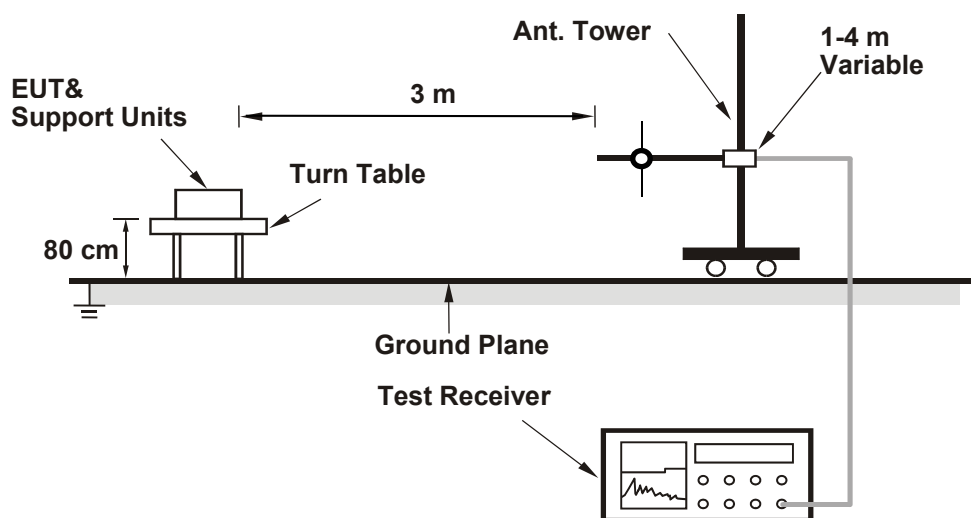
6.8 Unwanted Emissions below 1 GHz

6.8.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.8.2 Test Procedure

For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

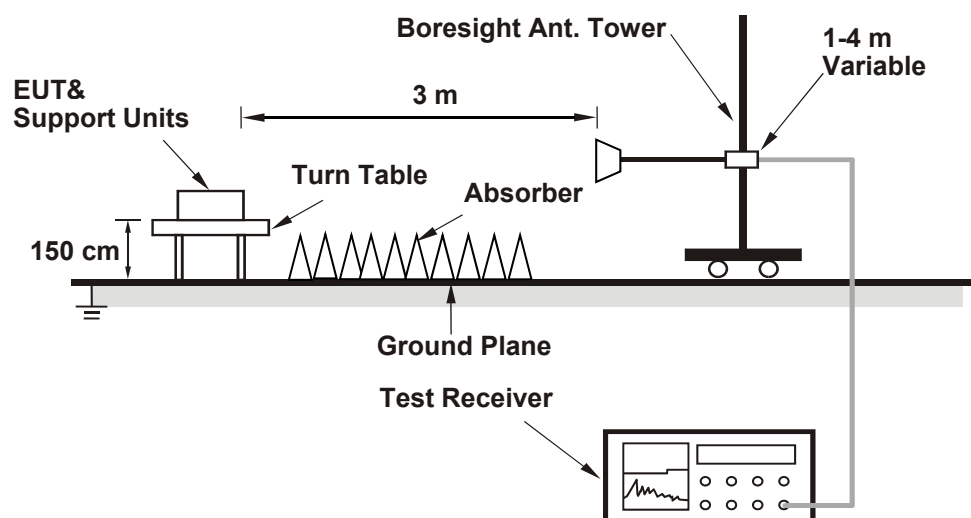
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

6.9 Unwanted Emissions above 1 GHz

6.9.1 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.9.2 Test Procedure

- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10 Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1 GHz.
- All modes of operation were investigated and the worst-case emissions are reported.

7 Test Results of Test Item

7.1 26 dB Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng
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802.11a CDD

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	22.44	21.94
60	5300	22.45	21.85
64	5320	22.31	21.99
100	5500	22.81	22.02
116	5580	22.74	22.36
140	5700	22.69	22.28
144 (U-NII-2C)	5720	16.59	16.42
144 (U-NII-3)	5720	6.05	5.98

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	21.94	24.41 > 24
60	5300	21.85	24.39 > 24
64	5320	21.99	24.42 > 24
100	5500	22.02	24.42 > 24
116	5580	22.36	24.49 > 24
140	5700	22.28	24.47 > 24
144 (U-NII-2C)	5720	16.42	23.15 < 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11be (EHT20) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	22.36	22.54
60	5300	22.25	22.25
64	5320	22.74	22.64
100	5500	22.96	22.77
116	5580	23.25	23.46
140	5700	23.42	23.04
144 (U-NII-2C)	5720	16.82	16.25
144 (U-NII-3)	5720	6.36	6.31

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	22.36	24.49 > 24
60	5300	22.25	24.47 > 24
64	5320	22.64	24.54 > 24
100	5500	22.77	24.57 > 24
116	5580	23.25	24.66 > 24
140	5700	23.04	24.62 > 24
144 (U-NII-2C)	5720	16.25	23.1 < 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11be (EHT40) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	42.67	43.13
62	5310	42.24	43.92
102	5510	43.06	43.81
110	5550	44.06	42.50
134	5670	43.07	42.90
142 (U-NII-2C)	5710	36.95	36.74
142 (U-NII-3)	5710	6.71	6.37

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
54	5270	42.67	27.3 > 24
62	5310	42.24	27.25 > 24
102	5510	43.06	27.34 > 24
110	5550	42.50	27.28 > 24
134	5670	42.90	27.32 > 24
142 (U-NII-2C)	5710	36.74	26.65 > 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11be (EHT80) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	85.49	86.81
106	5530	86.58	87.47
122	5610	87.15	85.20
138 (U-NII-2C)	5690	78.30	78.41
138 (U-NII-3)	5690	8.42	8.29

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
58	5290	85.49	30.31 > 24
106	5530	86.58	30.37 > 24
122	5610	85.20	30.3 > 24
138 (U-NII-2C)	5690	78.30	29.93 > 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11be (EHT160) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-1)	5250	87.27	86.79
50 (U-NII-2A)	5250	87.21	88.67
114	5570	172.61	174.03

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
50 (U-NII-2A)	5250	87.21	30.4 > 24
114	5570	172.61	33.37 > 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

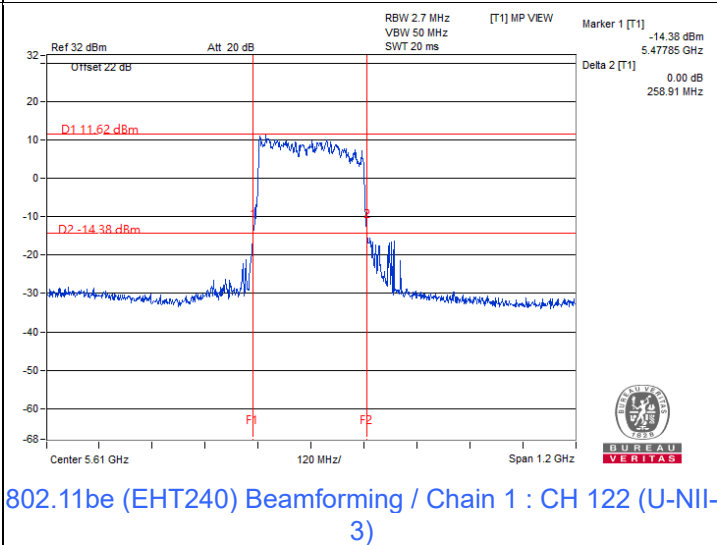
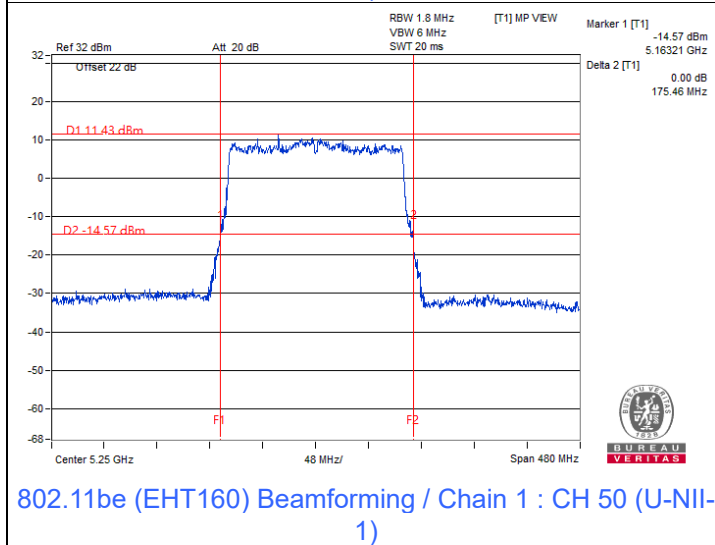
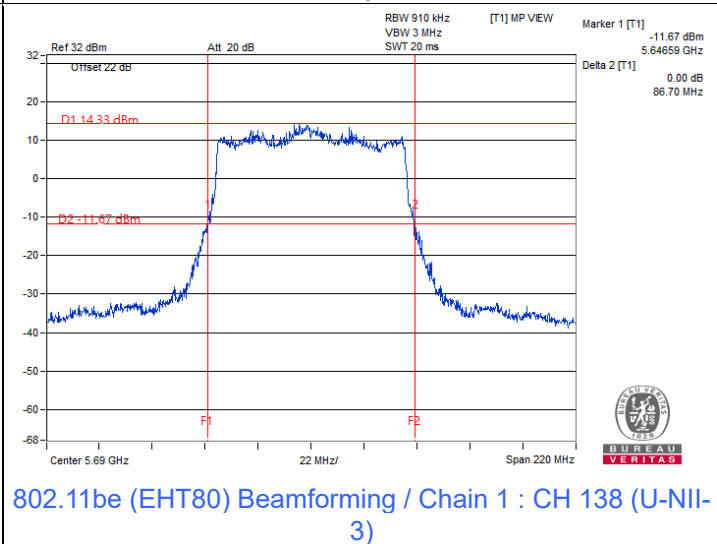
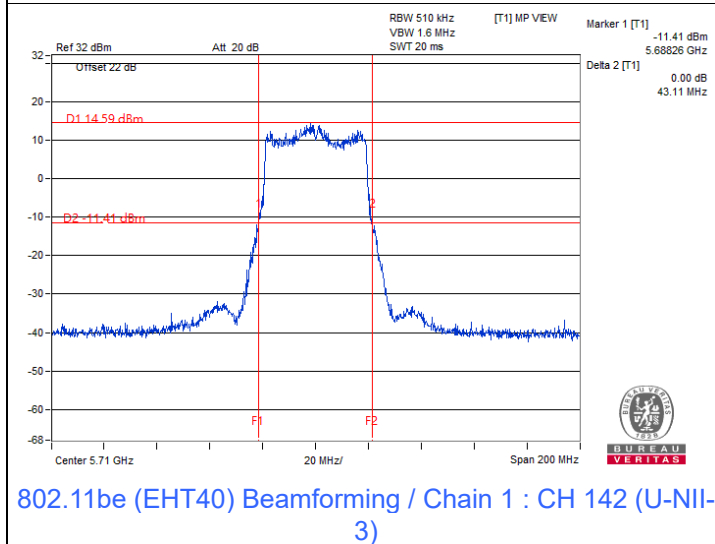
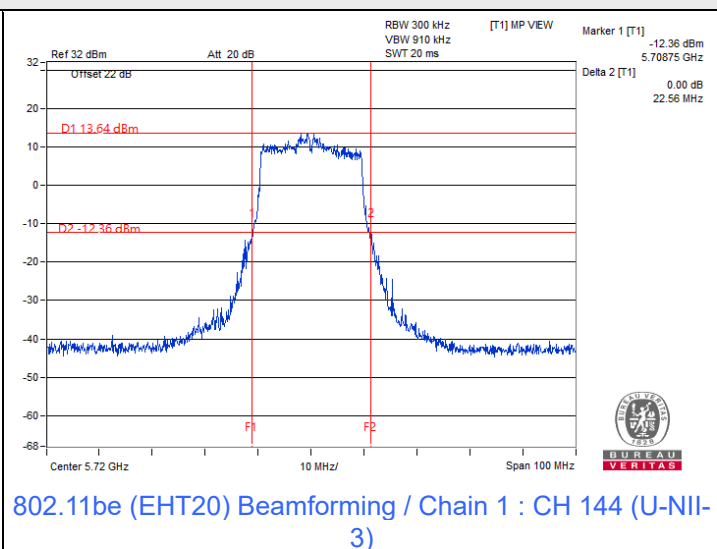
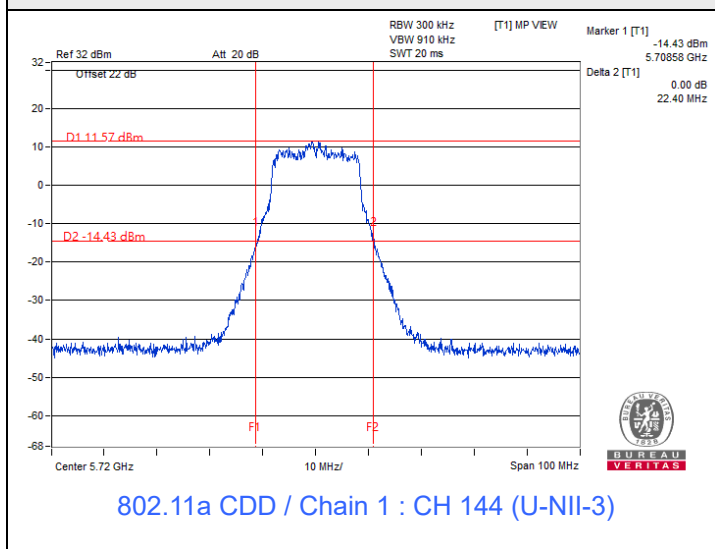
802.11be (EHT240) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
122 (U-NII-2C)	5610	249.66	247.15
122 (U-NII-3)	5610	17.12	11.76

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
122 (U-NII-2C)	5610	247.15	34.92 > 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

Spectrum Plot of Minimum Value



Notes:

1. For U-NII-2C straddle channel = 5725 MHz - Marker 1
2. For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz
3. For U-NII-1 straddle channel = 5250 MHz - Marker 1
4. For U-NII-2A straddle channel = Marker 1 + Delta 2 - 5250 MHz

7.2 RF Output Power

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng
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802.11a CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	24.04	24.32	523.909	27.19	30	Pass
40	5200	26.87	26.84	969.466	29.87	30	Pass
48	5240	26.92	26.84	975.098	29.89	30	Pass
52	5260	20.96	20.93	248.618	23.96	24	Pass
60	5300	21.09	20.69	245.748	23.90	24	Pass
64	5320	20.76	21.12	248.544	23.95	24	Pass
100	5500	20.73	21.07	246.242	23.91	24	Pass
116	5580	20.96	20.71	242.499	23.85	24	Pass
140	5700	20.69	21.12	246.639	23.92	24	Pass
*144 (U-NII-2C)	5720	18.45	18.63	142.93	21.55	23.15	Pass
*144 (U-NII-3)	5720	11.18	11.06	25.886	14.13	30	Pass
149	5745	26.91	27.04	996.733	29.99	30	Pass
157	5785	26.90	26.63	950.035	29.78	30	Pass
165	5825	26.89	26.82	969.492	29.87	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 3 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 3 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 3 dBi < 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 3 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	24.33	24.51	553.507	27.43	29.99	Pass
40	5200	25.82	26.00	780.051	28.92	29.99	Pass
48	5240	26.14	25.94	803.795	29.05	29.99	Pass
52	5260	20.96	20.88	247.2	23.93	23.99	Pass
60	5300	21.19	20.55	245.024	23.89	23.99	Pass
64	5320	20.52	20.85	234.338	23.70	23.99	Pass
100	5500	20.71	21.05	245.111	23.89	23.99	Pass
116	5580	21.04	20.65	243.202	23.86	23.99	Pass
140	5700	20.65	21.19	247.667	23.94	23.99	Pass
*144 (U-NII-2C)	5720	19.22	19.99	191.092	22.81	23.09	Pass
*144 (U-NII-3)	5720	13.24	12.93	42.444	16.28	29.99	Pass
149	5745	26.68	26.75	938.737	29.73	29.99	Pass
157	5785	26.92	26.78	968.471	29.86	29.99	Pass
165	5825	27.05	26.75	980.142	29.91	29.99	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- For U-NII-1, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.01-6) = 29.99 dBm.
- For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.01-6)].
- For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.01-6)].
- For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.01-6) = 29.99 dBm.

802.11be (EHT40) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	18.67	18.86	150.534	21.78	29.99	Pass
46	5230	25.66	25.92	758.97	28.80	29.99	Pass
54	5270	20.66	21.09	244.941	23.89	23.99	Pass
62	5310	20.67	20.94	240.846	23.82	23.99	Pass
102	5510	20.79	21.05	247.3	23.93	23.99	Pass
110	5550	20.86	21.01	248.082	23.95	23.99	Pass
134	5670	20.82	20.92	244.376	23.88	23.99	Pass
*142 (U-NII-2C)	5710	20.24	19.86	212.771	23.28	23.99	Pass
*142 (U-NII-3)	5710	10.21	9.51	20.413	13.10	29.99	Pass
151	5755	26.87	26.94	980.718	29.92	29.99	Pass
159	5795	26.89	26.69	955.312	29.80	29.99	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- For U-NII-1, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.01 - 6) = 29.99$ dBm.
- For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit - (6.01 - 6)].
- For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit - (6.01 - 6)].
- For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.01 - 6) = 29.99$ dBm.

802.11be (EHT80) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	18.96	18.92	156.688	21.95	29.99	Pass
58	5290	20.63	21.00	241.504	23.83	23.99	Pass
106	5530	20.73	20.95	242.756	23.85	23.99	Pass
122	5610	20.60	20.83	235.875	23.73	23.99	Pass
*138 (U-NII-2C)	5690	20.10	20.00	210.573	23.23	23.99	Pass
*138 (U-NII-3)	5690	6.48	6.74	9.54	9.80	29.99	Pass
155	5775	24.33	24.45	549.631	27.40	29.99	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- For U-NII-1, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.01-6) = 29.99 dBm.
- For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.01-6)].
- For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.01-6)].
- For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.01-6) = 29.99 dBm.

802.11be (EHT160) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	14.92	14.53	60.923	17.85	29.99	Pass
*50 (U-NII-2A)	5250	14.26	14.47	56.037	17.48	23.99	Pass
114	5570	19.20	19.13	165.023	22.18	23.99	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- For U-NII-1, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.01-6) = 29.99 dBm.
- For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.01-6)].
- For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.01-6)].

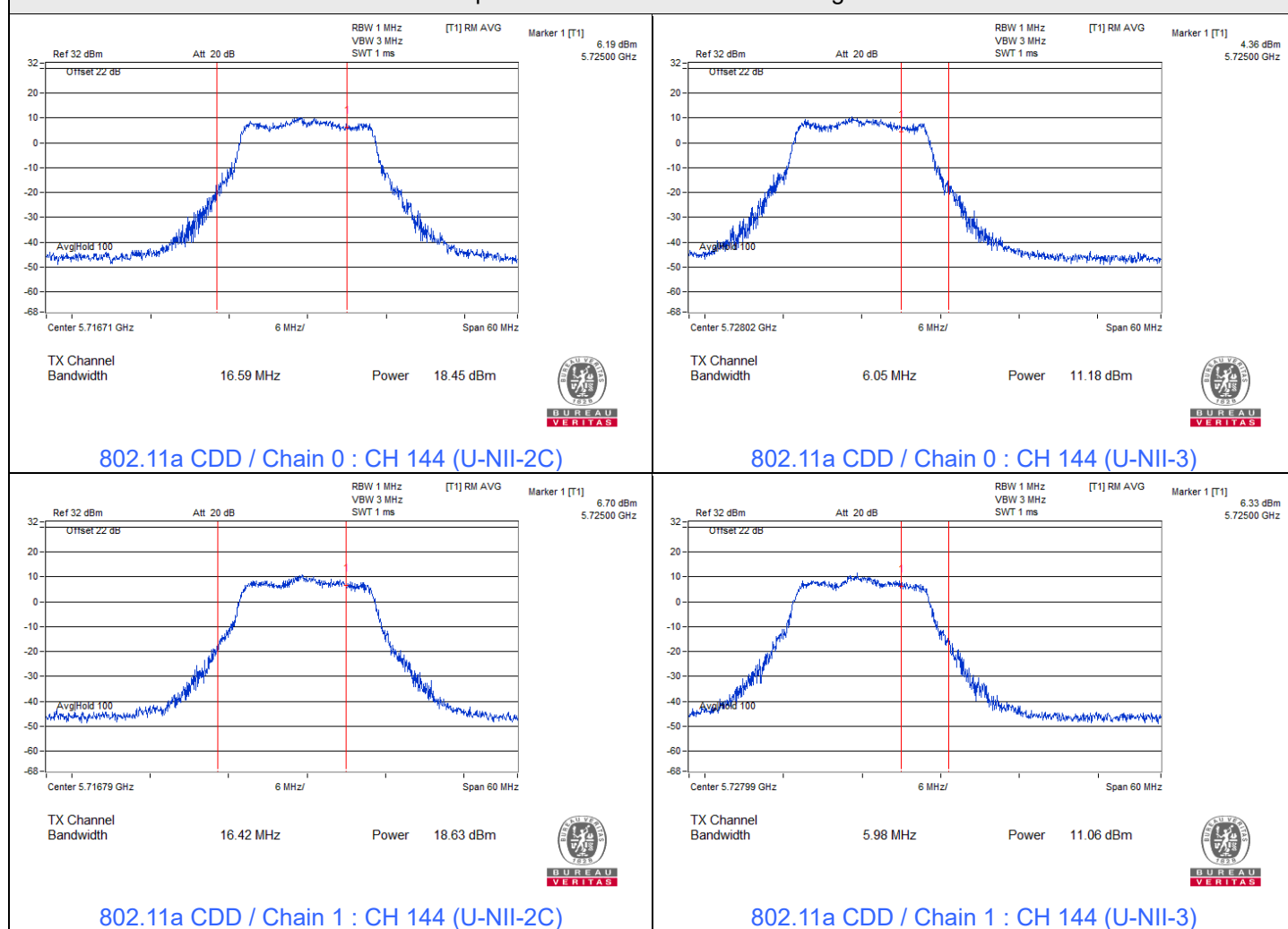
802.11be (EHT240) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*122 (U-NII-2C)	5610	17.33	17.29	110.367	20.43	23.99	Pass
*122 (U-NII-3)	5610	-4.56	-3.03	0.869	-0.61	29.99	Pass

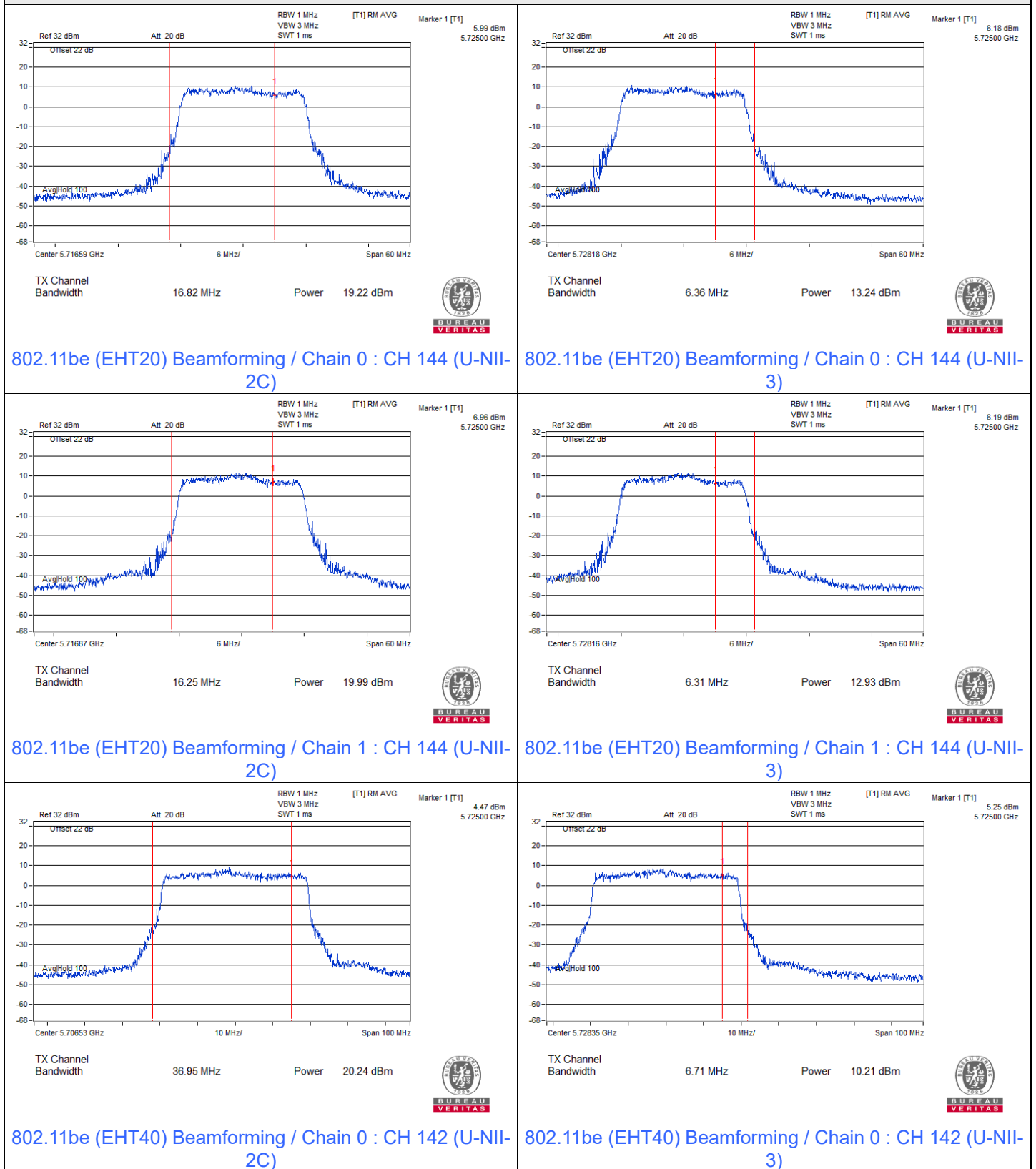
Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.01-6)].
- For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.01-6) = 29.99 dBm.

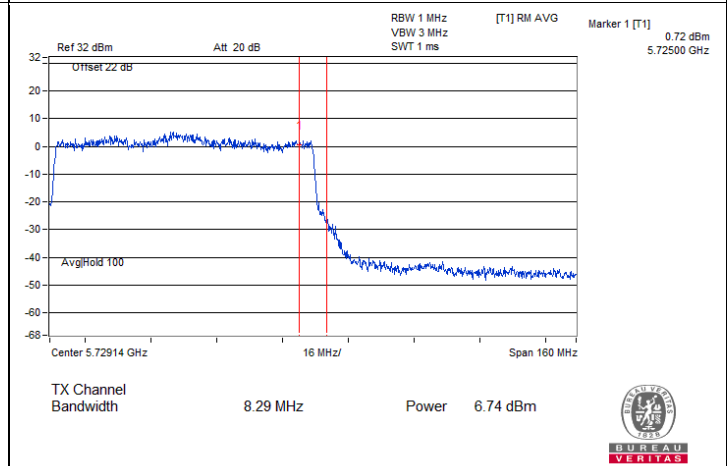
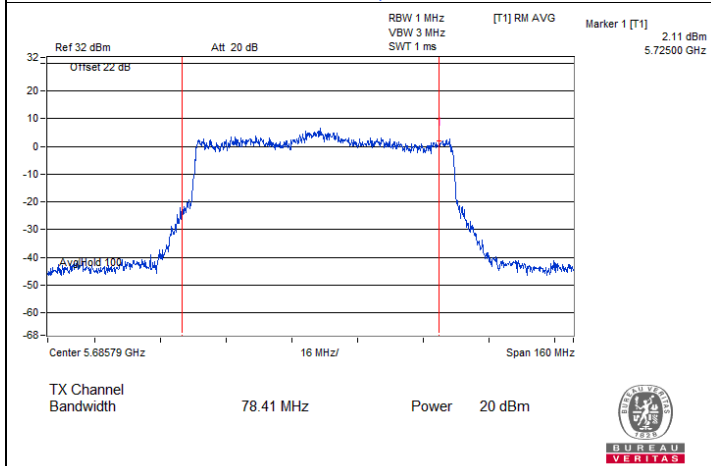
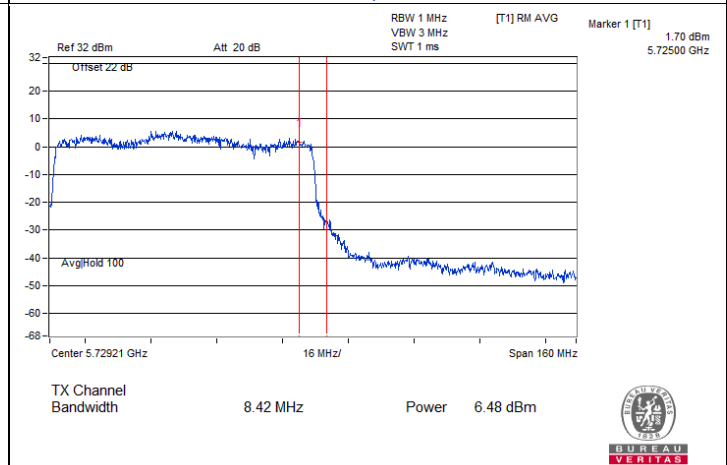
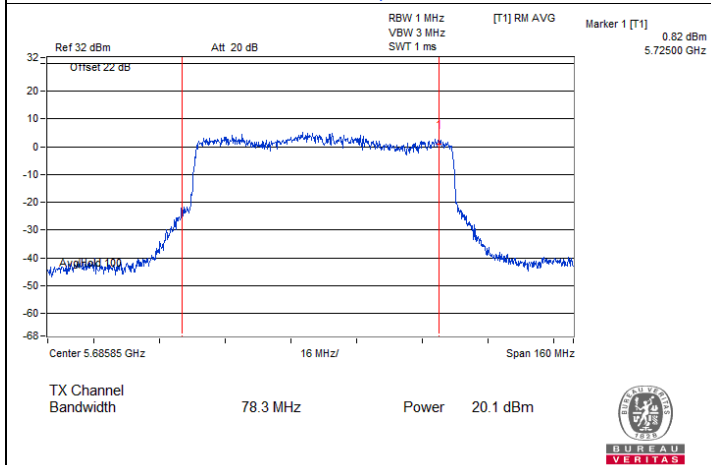
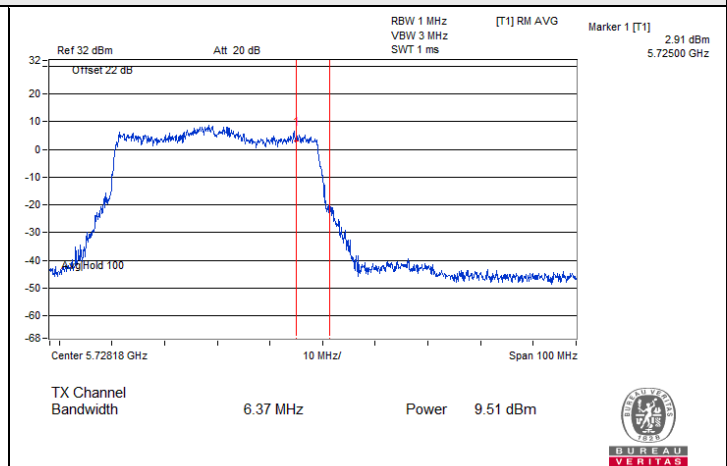
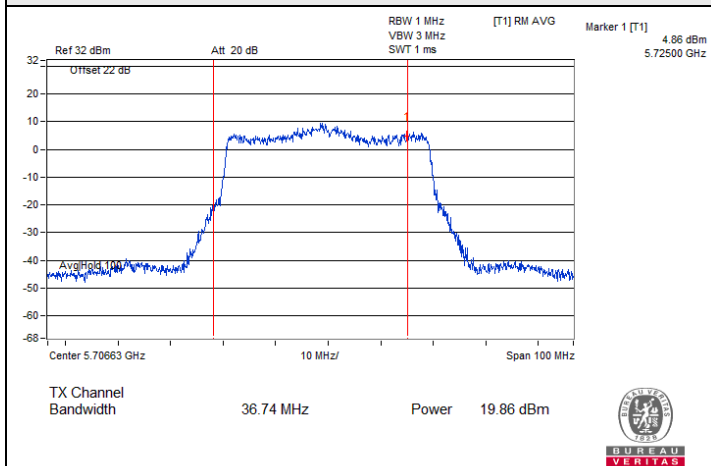
Spectrum Plot for channel straddling



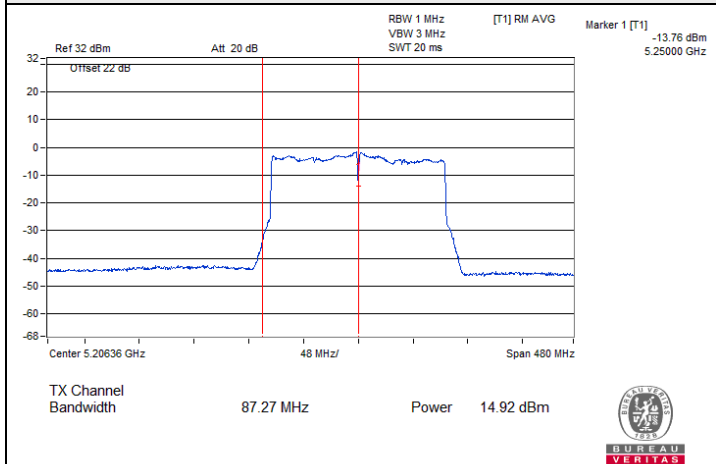
Spectrum Plot for channel straddling



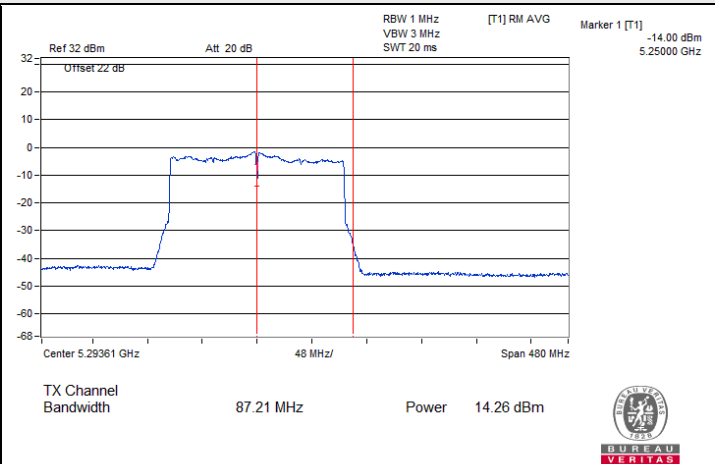
Spectrum Plot for channel straddling



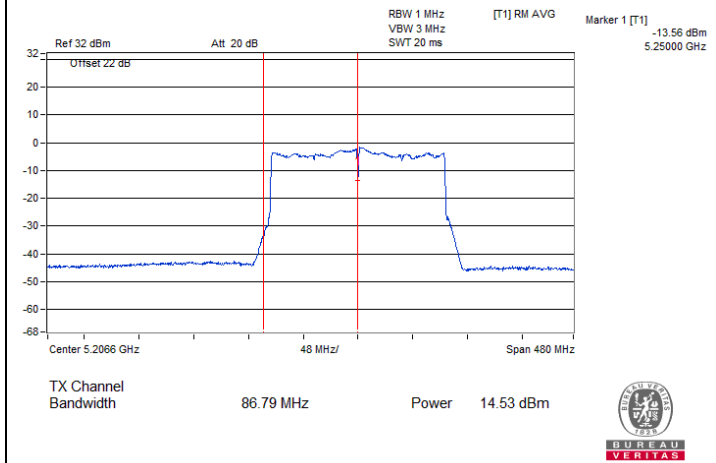
Spectrum Plot for channel straddling



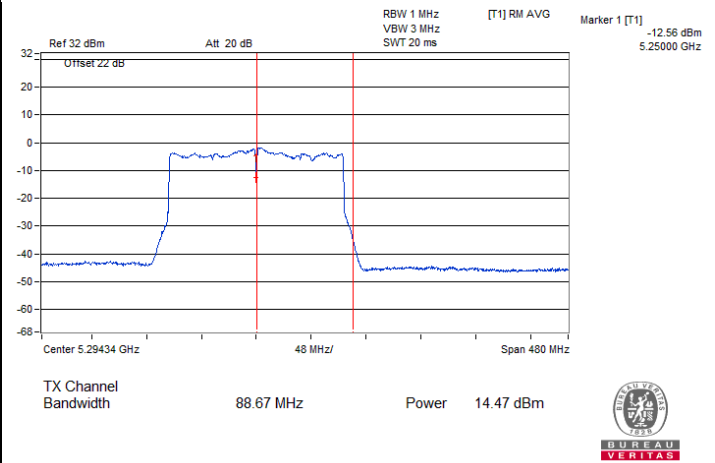
802.11be (EHT160) Beamforming / Chain 0 : CH 50 (U-NII-1)



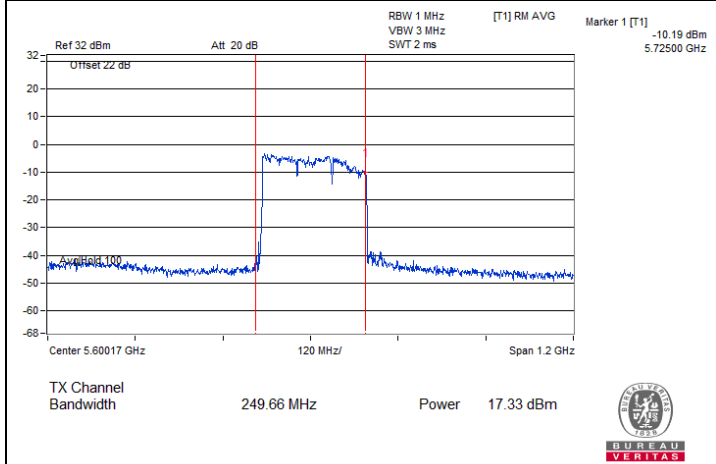
802.11be (EHT160) Beamforming / Chain 0 : CH 50 (U-NII-2A)



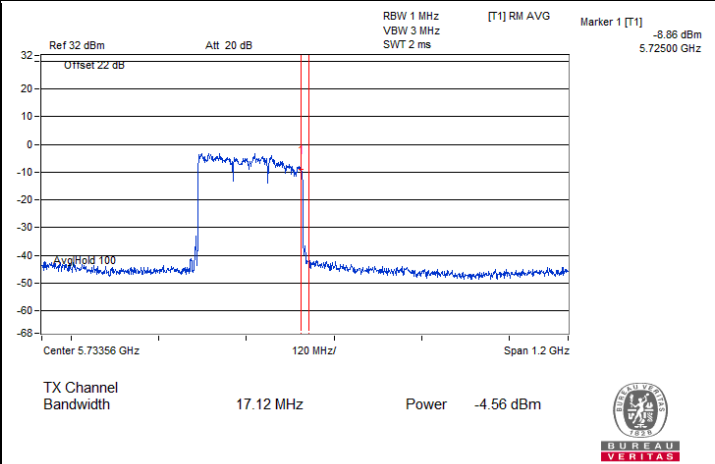
802.11be (EHT160) Beamforming / Chain 1 : CH 50 (U-NII-1)



802.11be (EHT160) Beamforming / Chain 1 : CH 50 (U-NII-2A)

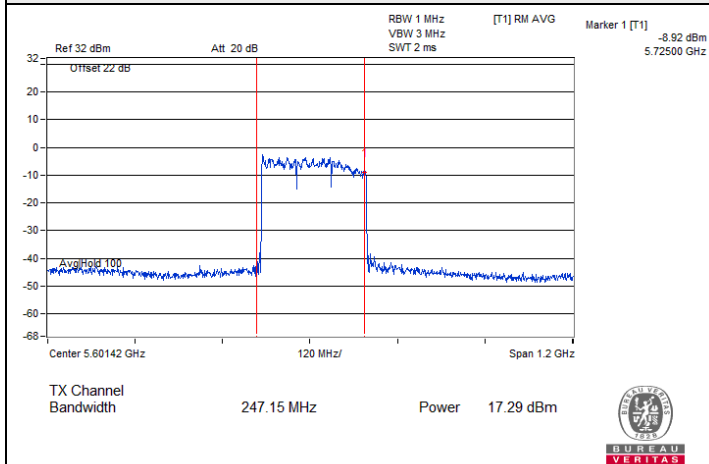


802.11be (EHT240) Beamforming / Chain 0 : CH 122 (U-NII-2C)

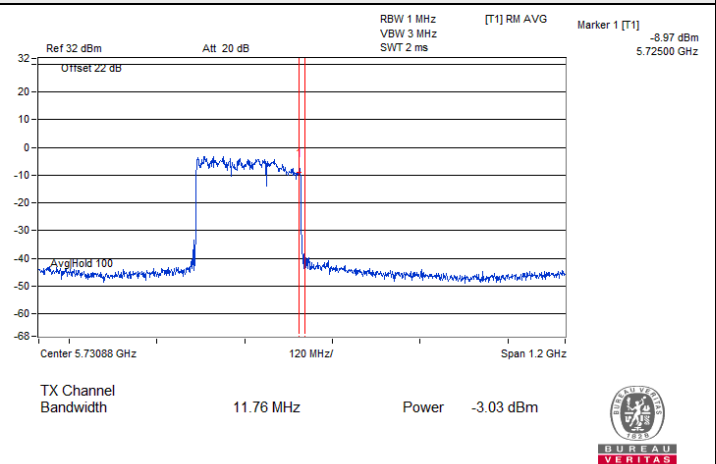


802.11be (EHT240) Beamforming / Chain 0 : CH 122 (U-NII-3)

Spectrum Plot for channel straddling



802.11be (EHT240) Beamforming / Chain 1 : CH 122 (U-NII-2C)



802.11be (EHT240) Beamforming / Chain 1 : CH 122 (U-NII-3)

7.3 Power Spectral Density

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng
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802.11a CDD

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
36	5180	13.38	12.86	16.14	16.99	Pass
40	5200	13.38	12.80	16.11	16.99	Pass
48	5240	13.43	12.82	16.15	16.99	Pass
52	5260	6.63	5.73	9.21	10.99	Pass
60	5300	6.17	5.70	8.95	10.99	Pass
64	5320	6.07	5.65	8.88	10.99	Pass
100	5500	5.92	5.48	8.72	10.99	Pass
116	5580	6.33	4.81	8.65	10.99	Pass
140	5700	6.03	5.11	8.60	10.99	Pass
144 (U-NII-2C)	5720	7.08	7.69	10.41	10.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 6.01 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.01-6) = 16.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.

802.11be (EHT20) Beamforming

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	13.20	13.08	0.18	16.33	16.99	Pass
40	5200	12.98	13.09	0.18	16.23	16.99	Pass
48	5240	13.22	13.01	0.18	16.31	16.99	Pass
52	5260	6.53	6.63	0.18	9.77	10.99	Pass
60	5300	6.55	6.40	0.18	9.67	10.99	Pass
64	5320	6.48	6.36	0.18	9.61	10.99	Pass
100	5500	6.82	5.41	0.18	9.36	10.99	Pass
116	5580	7.00	5.01	0.18	9.31	10.99	Pass
140	5700	6.33	4.82	0.18	8.83	10.99	Pass
144 (U-NII-2C)	5720	6.96	8.31	0.18	10.88	10.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 6.01 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.01-6) = 16.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.

802.11be (EHT40) Beamforming

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
38	5190	4.67	4.97	0.21	8.04	16.99	Pass
46	5230	12.20	11.82	0.21	15.23	16.99	Pass
54	5270	6.26	6.08	0.21	9.39	10.99	Pass
62	5310	6.21	5.82	0.21	9.24	10.99	Pass
102	5510	6.21	5.03	0.21	8.88	10.99	Pass
110	5550	6.31	4.81	0.21	8.84	10.99	Pass
134	5670	5.90	4.46	0.21	8.46	10.99	Pass
142 (U-NII-2C)	5710	6.18	7.39	0.21	10.05	10.99	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- For U-NII-1, the directional gain is 6.01 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.01-6) = 16.99 dBm/MHz.
- For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.
- For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.

802.11be (EHT80) Beamforming

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
42	5210	2.19	2.11	0.17	5.33	16.99	Pass
58	5290	4.04	3.74	0.17	7.07	10.99	Pass
106	5530	4.31	3.08	0.17	6.92	10.99	Pass
122	5610	4.59	2.95	0.17	7.03	10.99	Pass
138 (U-NII-2C)	5690	3.90	5.52	0.17	7.97	10.99	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
- For U-NII-1, the directional gain is 6.01 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.01-6) = 16.99 dBm/MHz.
- For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.
- For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.

802.11be (EHT160) Beamforming

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
50 (U-NII-1)	5250	-3.66	-2.00	0.11	0.37	16.99	Pass
50 (U-NII-2A)	5250	-3.59	-1.83	0.11	0.50	10.99	Pass
114	5570	-1.53	0.24	0.11	2.56	10.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 6.01 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.01-6) = 16.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.

802.11be (EHT240) Beamforming

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
122 (U-NII-2C)	5610	-4.37	-4.76	0.11	-1.44	10.99	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 6.01 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.01-6) = 16.99 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.01-6) = 10.99 dBm/MHz.

802.11a CDD

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1				
144 (U-NII-3)	5720	-0.12	-0.34	2.78	5.00	29.99	Pass
149	5745	11.23	11.50	14.38	16.60	29.99	Pass
157	5785	11.29	10.94	14.13	16.35	29.99	Pass
165	5825	11.16	10.90	14.04	16.26	29.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.01-6) = 29.99 dBm/500kHz.

802.11be (EHT20) Beamforming

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	0.23	-0.65	2.82	0.18	5.22	29.99	Pass
149	5745	9.48	10.32	12.93	0.18	15.33	29.99	Pass
157	5785	9.94	9.87	12.92	0.18	15.32	29.99	Pass
165	5825	10.12	10.01	13.08	0.18	15.48	29.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.01-6) = 29.99 dBm/500kHz.

802.11be (EHT40) Beamforming

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-1.38	-0.93	1.86	0.21	4.29	29.99	Pass
151	5755	6.73	7.23	10	0.21	12.43	29.99	Pass
159	5795	6.67	6.74	9.72	0.21	12.15	29.99	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.01-6) = 29.99 dBm/500kHz.

802.11be (EHT80) Beamforming

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-4.27	-3.49	-0.85	0.17	1.54	29.99	Pass
155	5775	1.66	2.42	5.07	0.17	7.46	29.99	Pass

Notes:

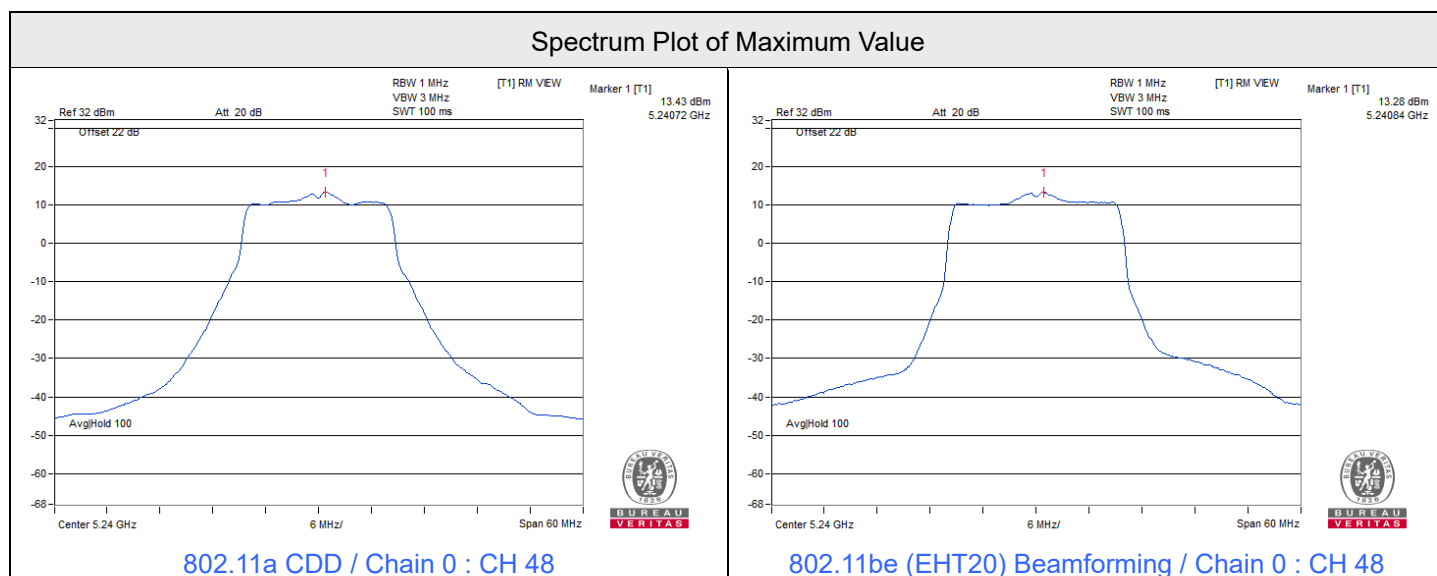
1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.01-6) = 29.99 dBm/500kHz.

802.11be (EHT240) Beamforming

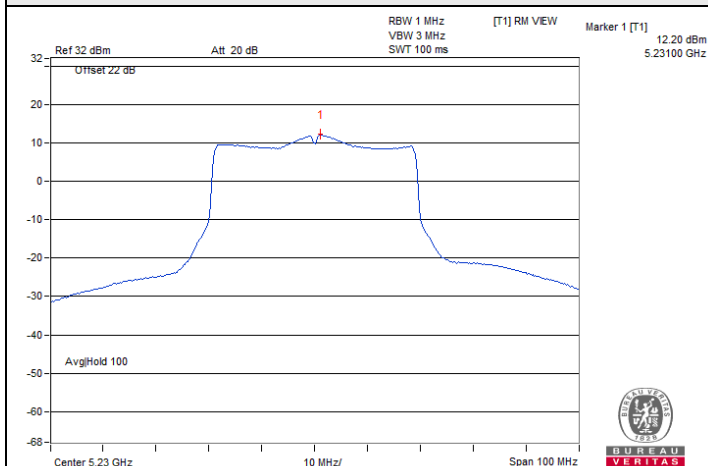
Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
122 (U-NII-3)	5610	-15.10	-15.01	-12.04	0.11	-9.71	29.99	Pass

Notes:

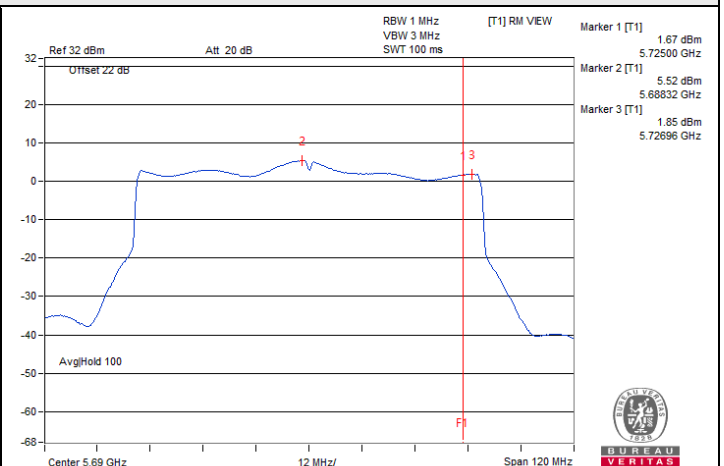
1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 6.01 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.01-6) = 29.99 dBm/500kHz.



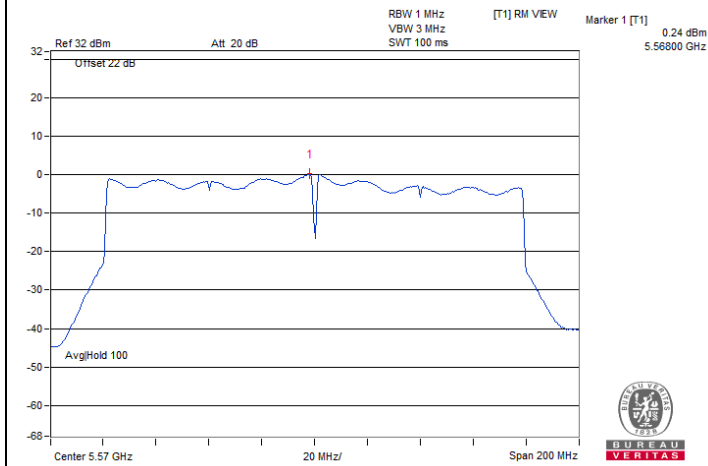
Spectrum Plot of Maximum Value



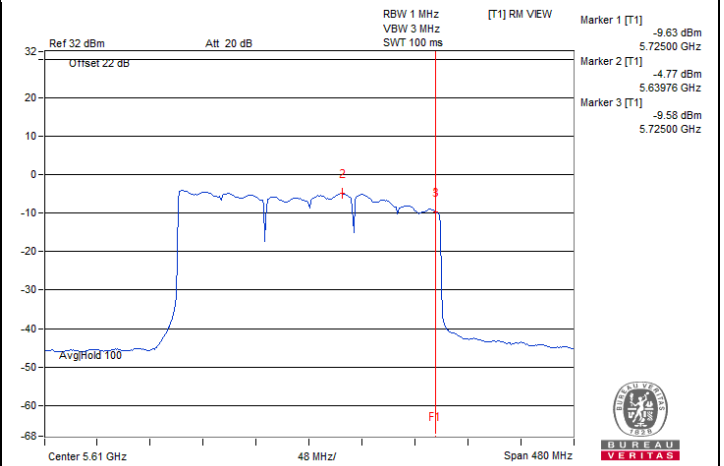
802.11be (EHT40) Beamforming / Chain 0 : CH 46



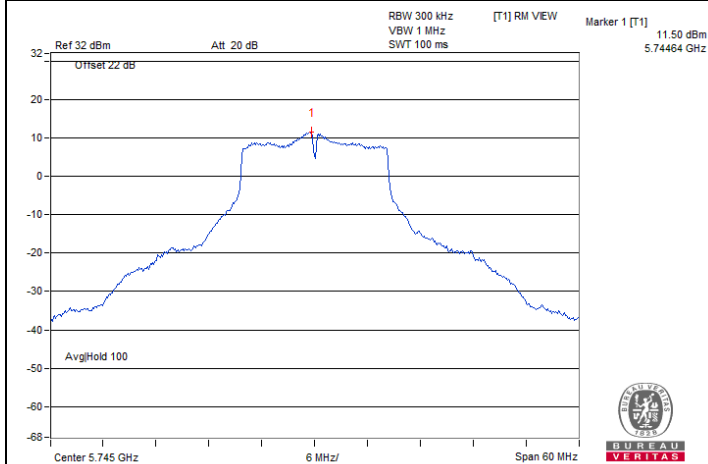
802.11be (EHT80) Beamforming / Chain 1 : CH 138 (U-NII-2C)



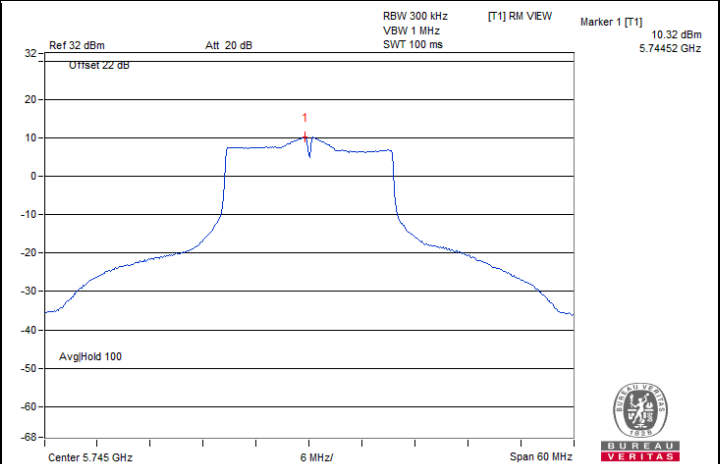
802.11be (EHT160) Beamforming / Chain 1 : CH 114



802.11be (EHT240) Beamforming / Chain 0 : CH 122 (U-NII-2C)

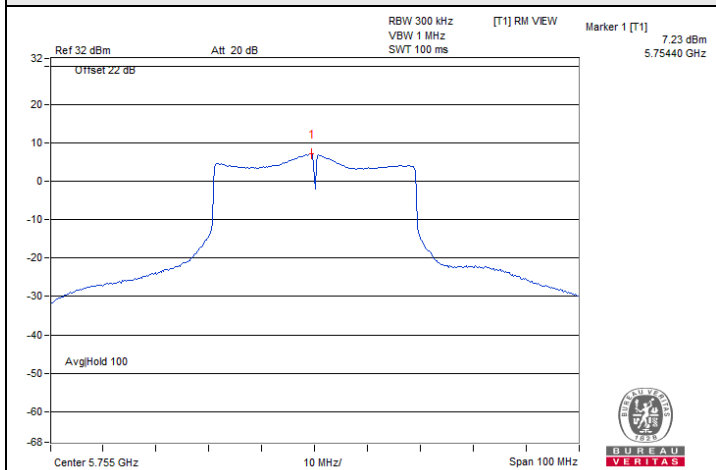


802.11a CDD / Chain 1 : CH 149

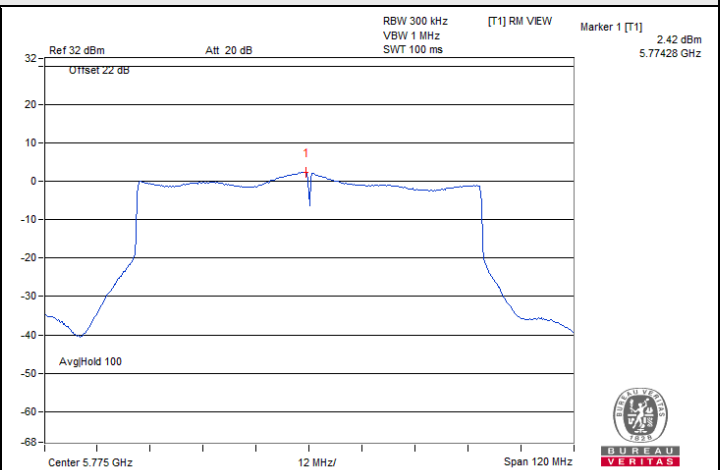


802.11be (EHT20) Beamforming / Chain 1 : CH 149

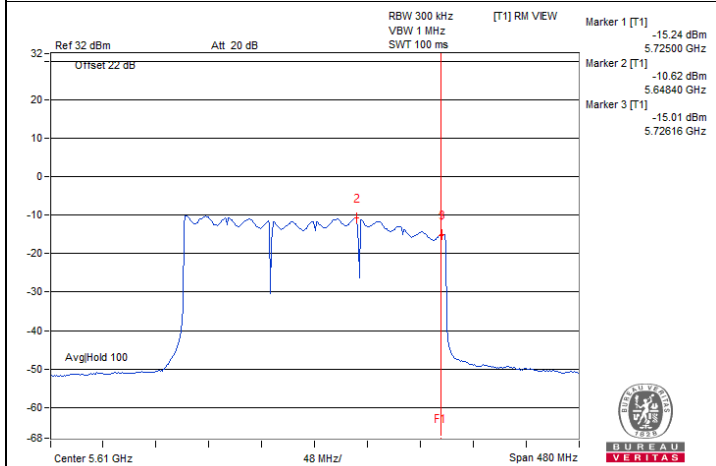
Spectrum Plot of Maximum Value



802.11be (EHT40) Beamforming / Chain 1 : CH 151



802.11be (EHT80) Beamforming / Chain 1 : CH 155



802.11be (EHT240) Beamforming / Chain 1 : CH 122 (U-NII-3)

7.4 6 dB Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng
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802.11a CDD

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	3.13	3.08	0.5	Pass
149	5745	15.60	16.31	0.5	Pass
157	5785	16.29	15.64	0.5	Pass
165	5825	16.29	15.08	0.5	Pass

802.11be (EHT20) Beamforming

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	4.37	2.98	0.5	Pass
149	5745	18.26	18.89	0.5	Pass
157	5785	17.94	18.89	0.5	Pass
165	5825	18.41	19.03	0.5	Pass

802.11be (EHT40) Beamforming

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
142 (U-NII-3)	5710	3.99	4.04	0.5	Pass
151	5755	38.00	38.08	0.5	Pass
159	5795	38.10	37.79	0.5	Pass

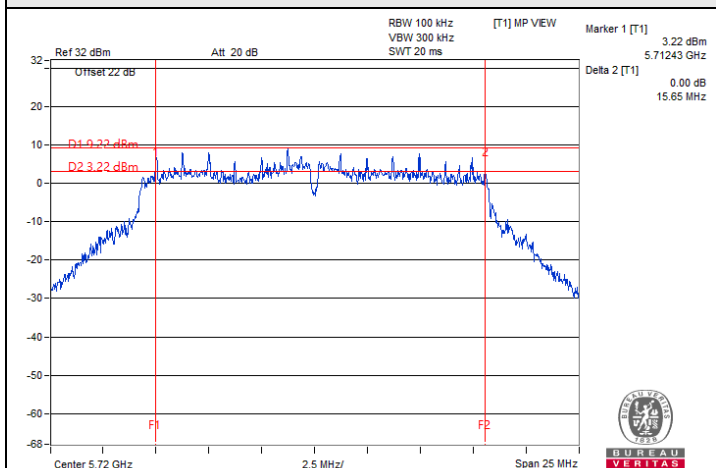
802.11be (EHT80) Beamforming

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
138 (U-NII-3)	5690	1.62	3.82	0.5	Pass
155	5775	76.86	77.84	0.5	Pass

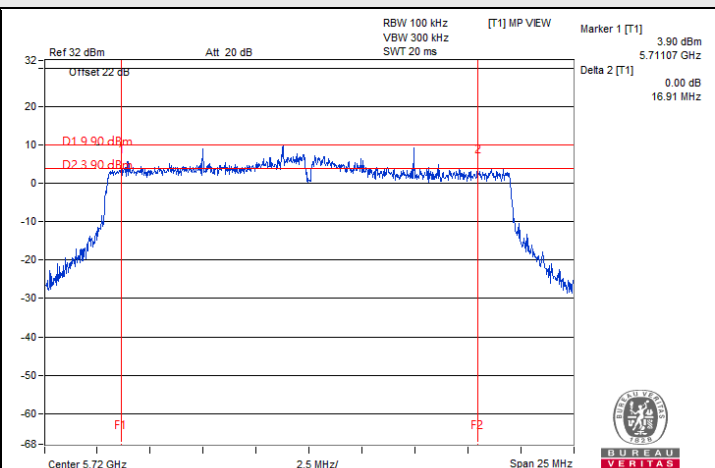
802.11be (EHT240) Beamforming

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
122 (U-NII-3)	5610	3.85	2.94	0.5	Pass

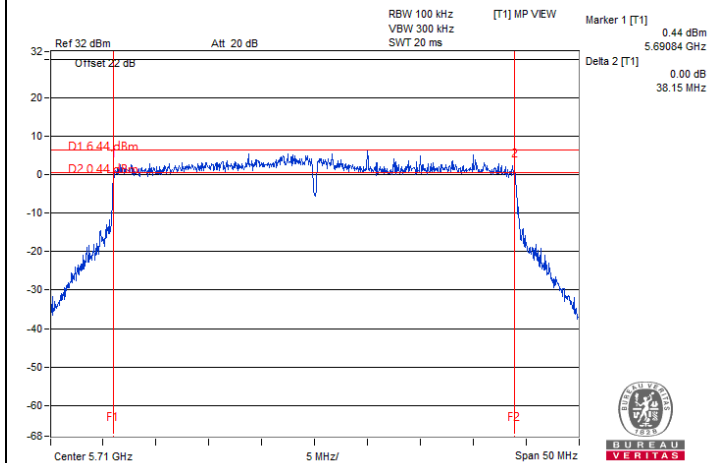
Spectrum Plot of Minimum Value



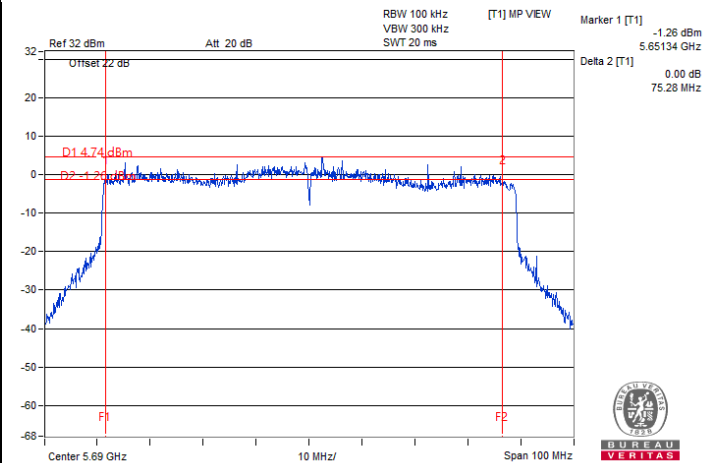
802.11a CDD / Chain 1 : CH 144 (U-NII-3)



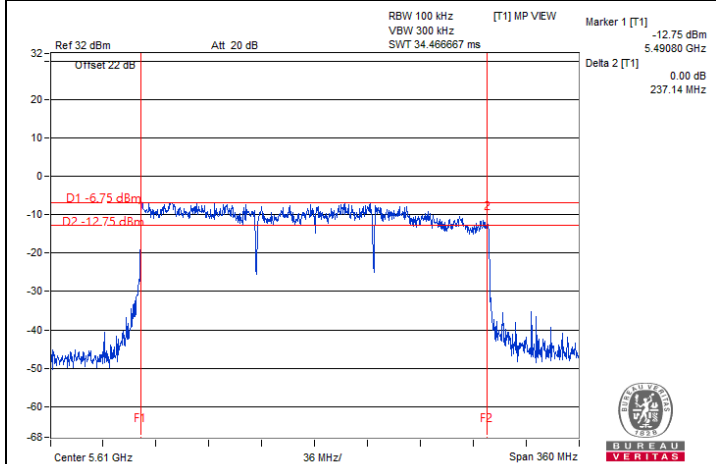
802.11be (EHT20) Beamforming / Chain 1 : CH 144 (U-NII-3)



802.11be (EHT40) Beamforming / Chain 0 : CH 142 (U-NII-3)



802.11be (EHT80) Beamforming / Chain 0 : CH 138 (U-NII-3)



802.11be (EHT240) Beamforming / Chain 1 : CH 122 (U-NII-3)

Note: For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz

7.5 Occupied Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng
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802.11a CDD

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	16.80	16.80
40	5200	16.86	16.80
48	5240	16.80	16.80
52	5260	16.86	16.80
60	5300	16.80	16.80
64	5320	16.80	16.80
100	5500	16.86	16.80
116	5580	16.74	16.92
140	5700	16.86	16.86
144 (U-NII-2C)	5720	13.40	13.34
144 (U-NII-3)	5720	3.34	3.40
149	5745	17.40	18.24
157	5785	16.98	18.84
165	5825	17.04	18.60

802.11be (EHT20) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.96	19.02
40	5200	19.02	19.02
48	5240	18.96	18.96
52	5260	19.02	19.08
60	5300	19.02	19.02
64	5320	19.02	18.96
100	5500	19.08	19.14
116	5580	19.08	19.08
140	5700	19.14	19.08
144 (U-NII-2C)	5720	14.54	14.48
144 (U-NII-3)	5720	4.54	4.48
149	5745	19.14	19.20
157	5785	19.08	19.32
165	5825	19.02	19.32

802.11be (EHT40) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	38.28	38.28
46	5230	38.28	38.16
54	5270	38.28	38.16
62	5310	38.28	38.28
102	5510	38.28	37.92
110	5550	38.04	38.04
134	5670	38.16	37.92
142 (U-NII-2C)	5710	33.96	33.96
142 (U-NII-3)	5710	4.08	3.96
151	5755	38.16	38.40
159	5795	38.28	38.40

802.11be (EHT80) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	77.76	77.76
58	5290	77.76	77.76
106	5530	77.28	77.28
122	5610	77.28	77.28
138 (U-NII-2C)	5690	73.64	73.88
138 (U-NII-3)	5690	3.64	3.64
155	5775	77.52	77.52

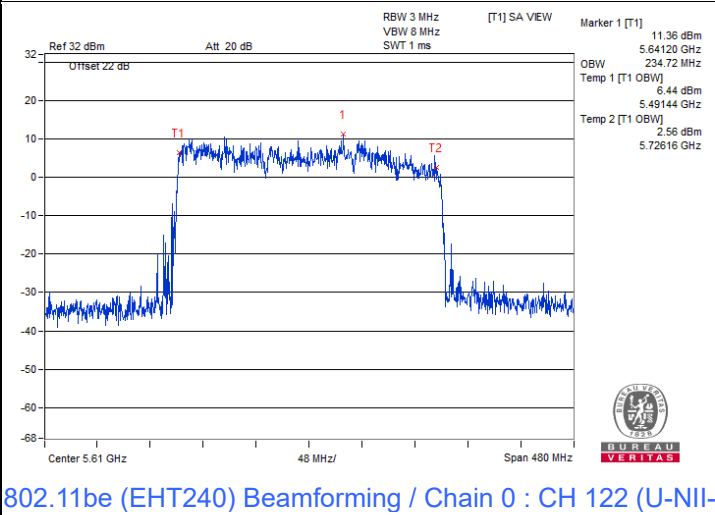
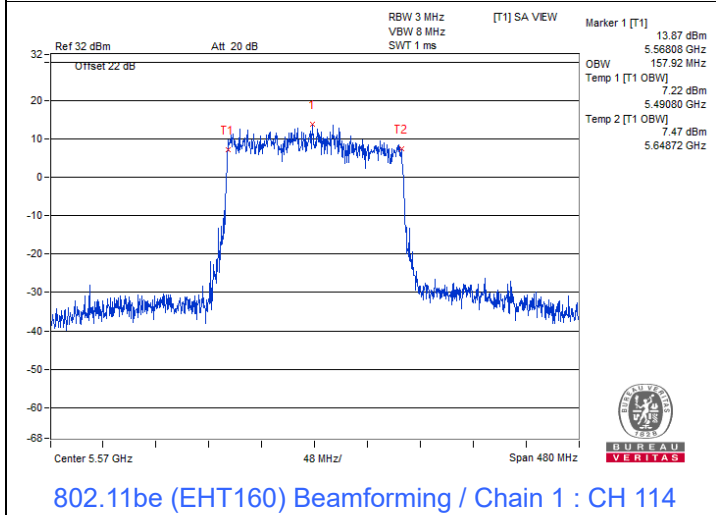
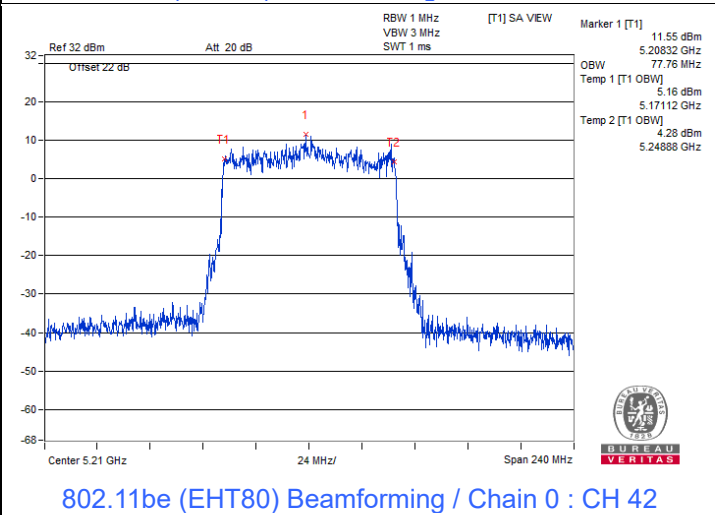
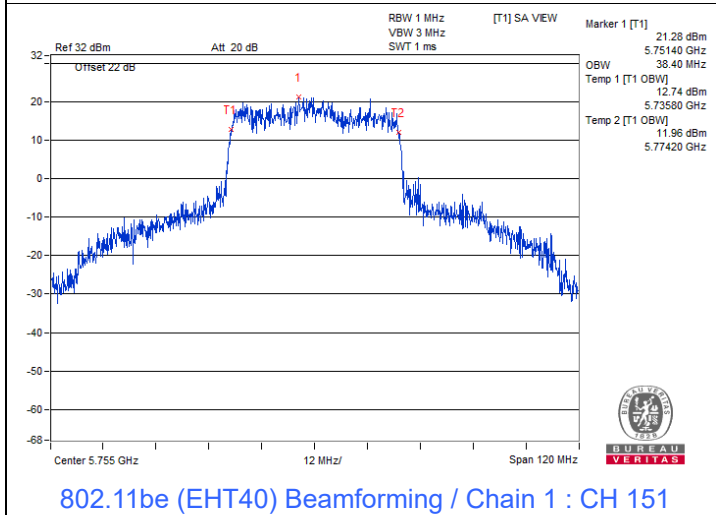
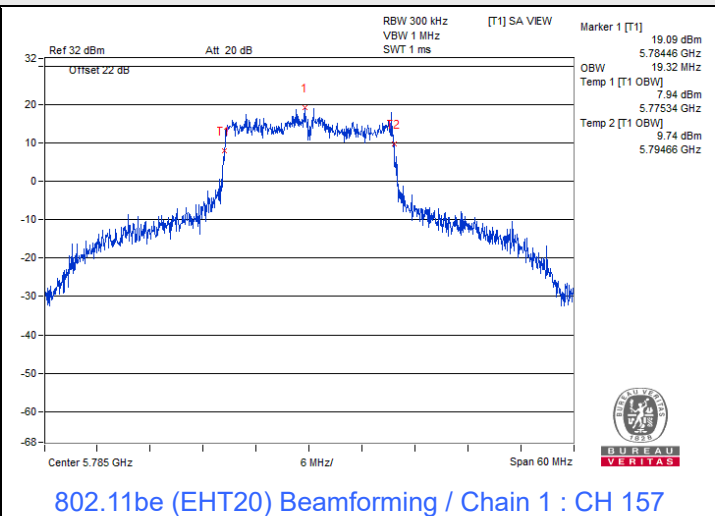
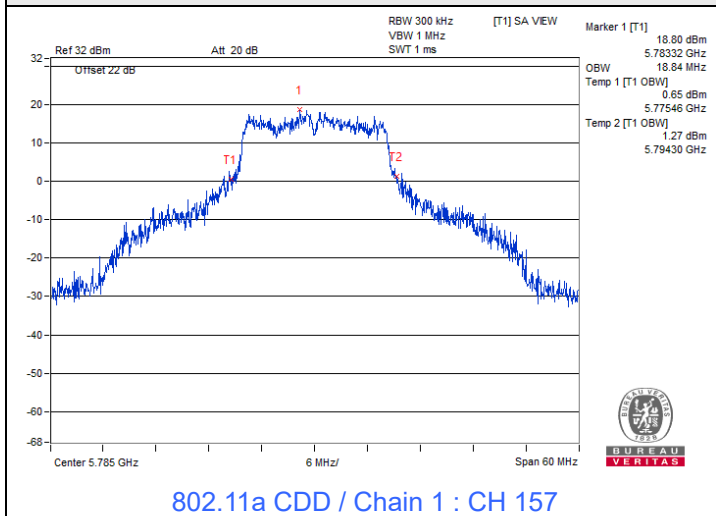
802.11be (EHT160) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-1)	5250	78.72	78.24
50 (U-NII-2A)	5250	78.72	79.20
114	5570	156.48	157.92

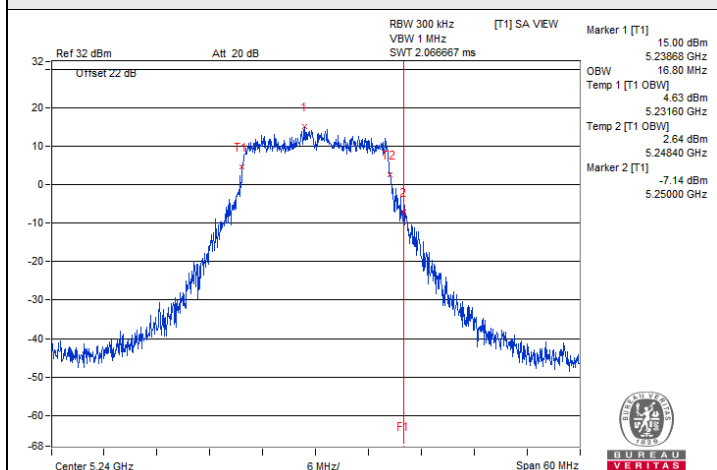
802.11be (EHT240) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
122 (U-NII-2C)	5610	233.56	233.56
122 (U-NII-3)	5610	1.16	2.12

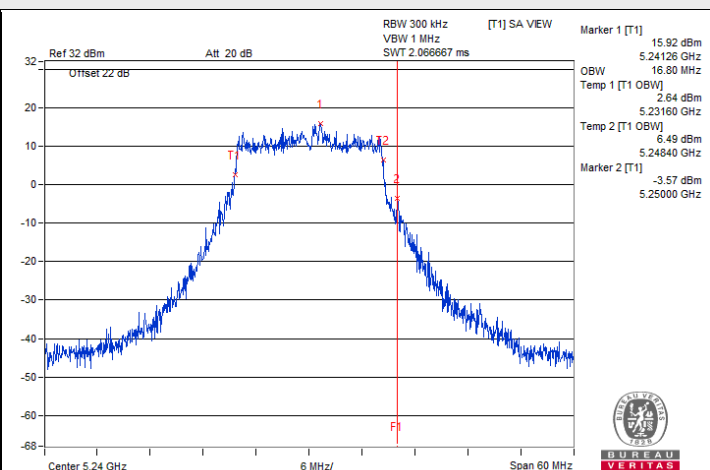
Spectrum Plot of Maximum Value



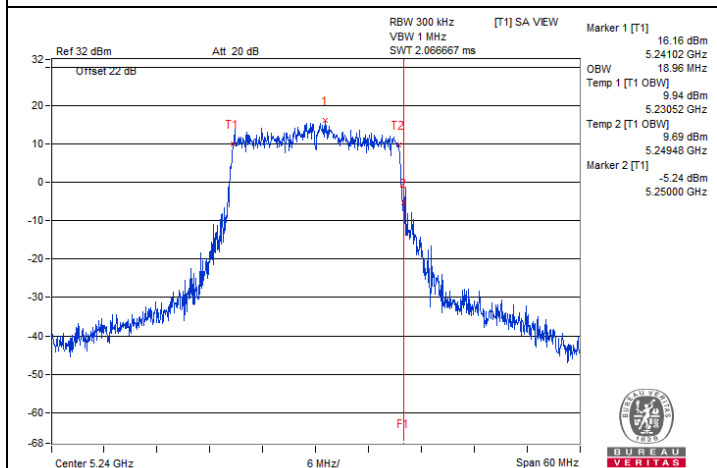
Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A)



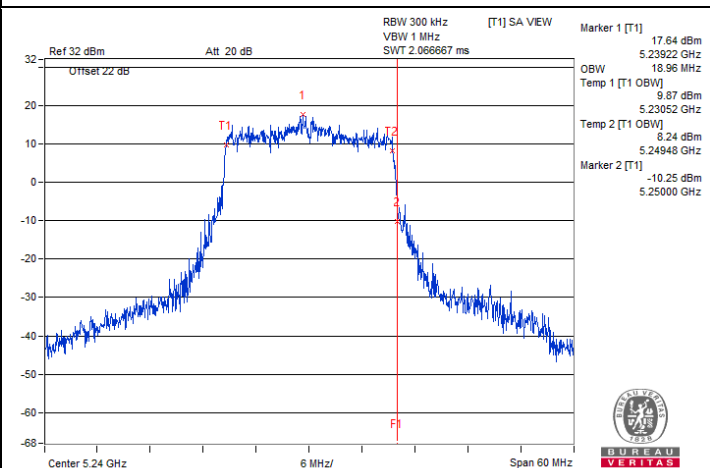
802.11a CDD / Chain 0 : CH 48



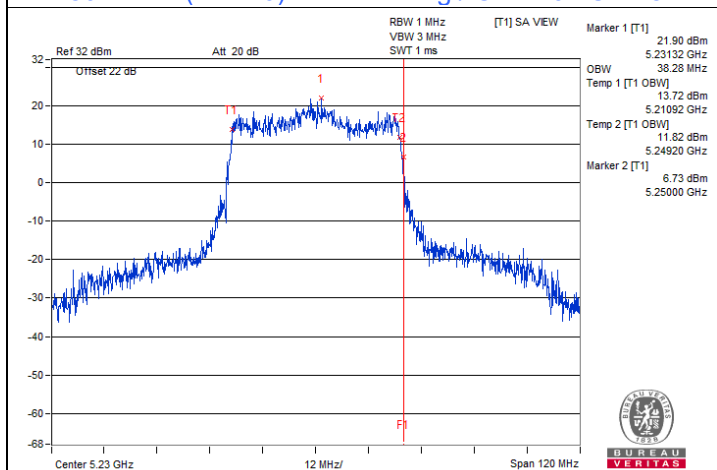
802.11a CDD / Chain 1 : CH 48



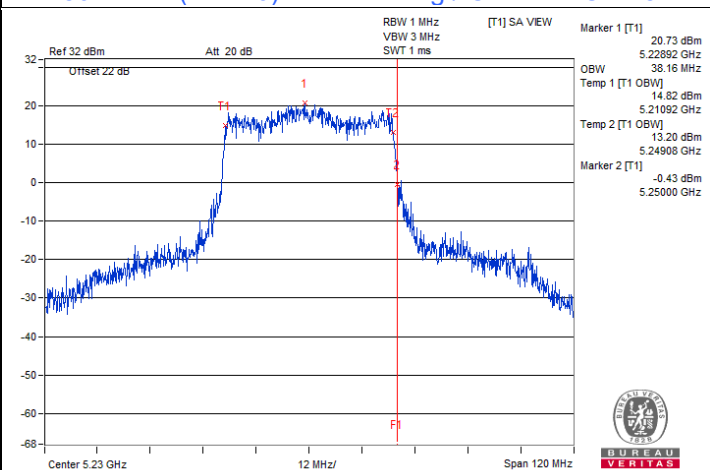
802.11be (EHT20) Beamforming / Chain 0 : CH 48



802.11be (EHT20) Beamforming / Chain 1 : CH 48

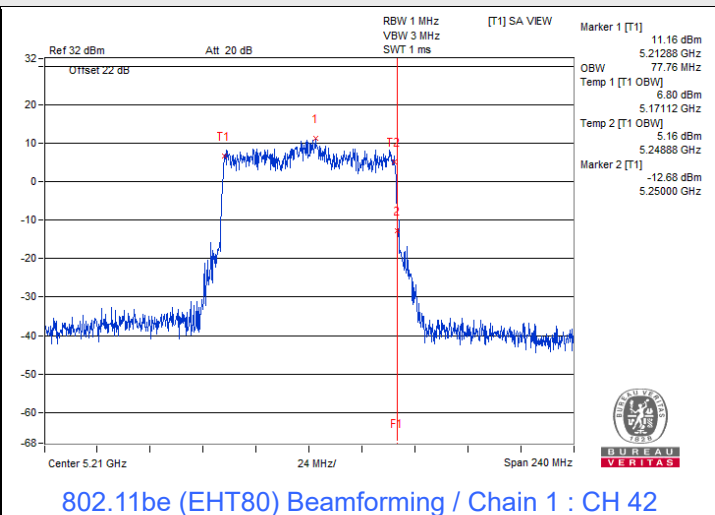
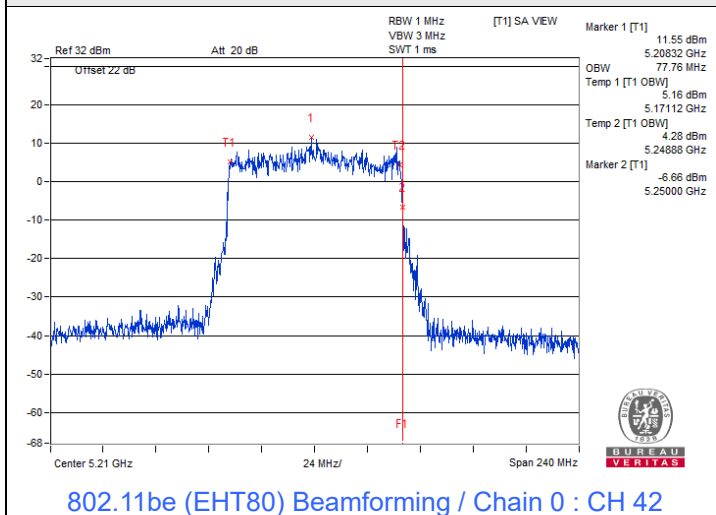


802.11be (EHT40) Beamforming / Chain 0 : CH 46

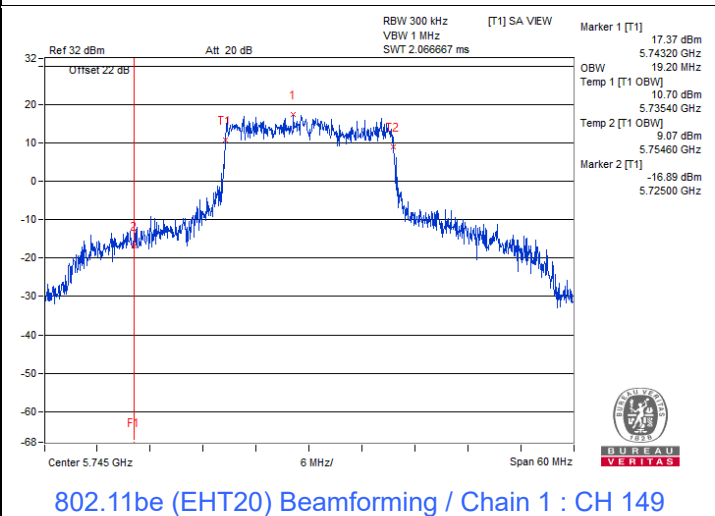
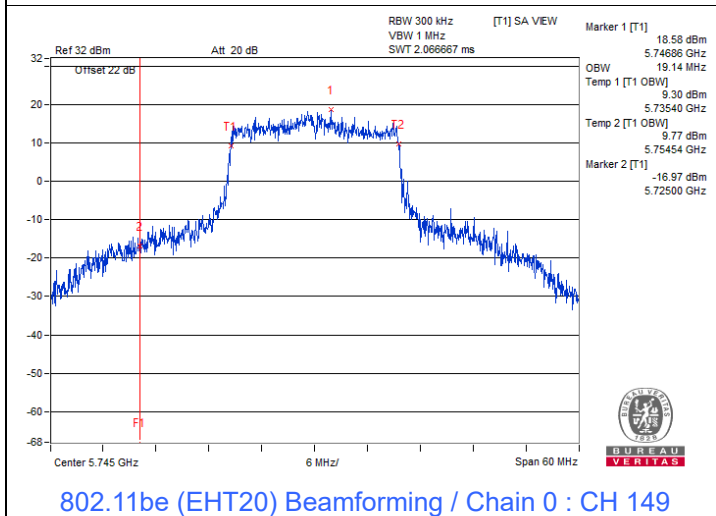
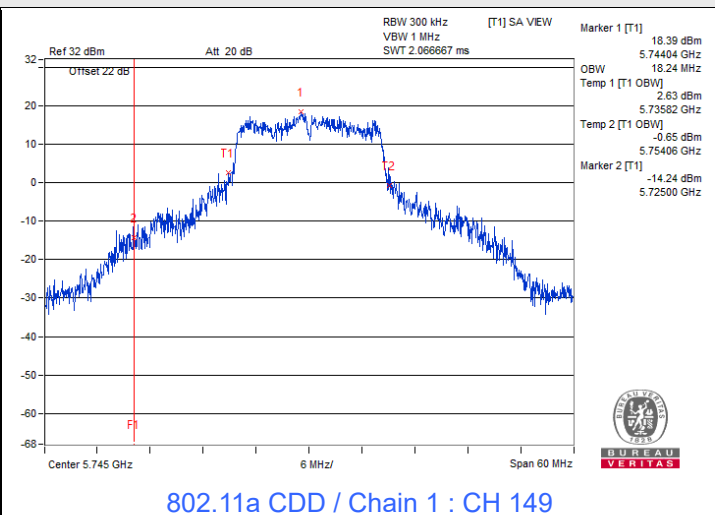
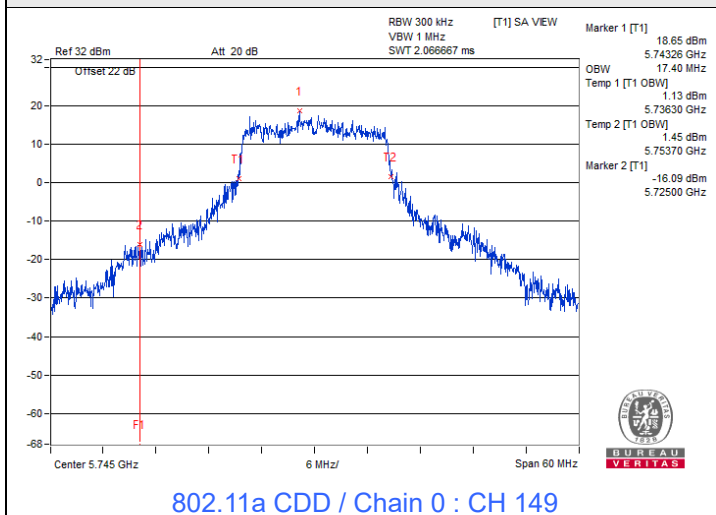


802.11be (EHT40) Beamforming / Chain 1 : CH 46

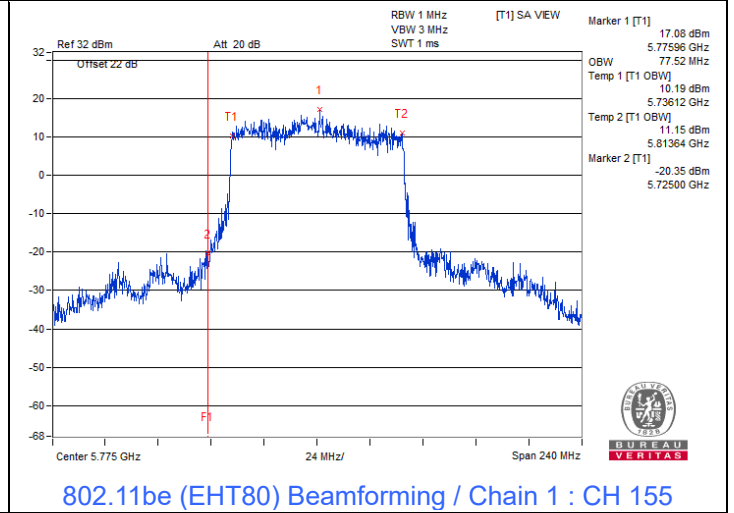
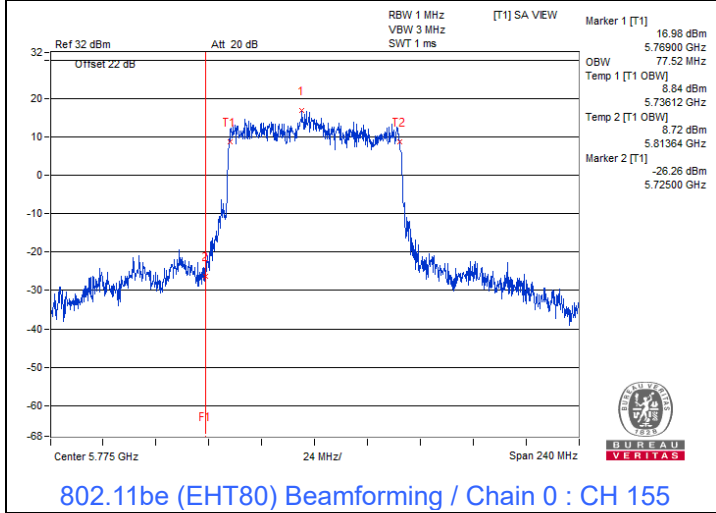
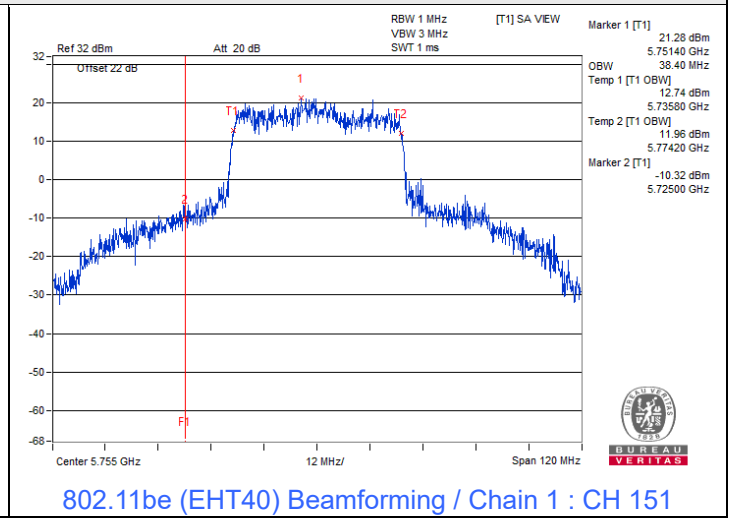
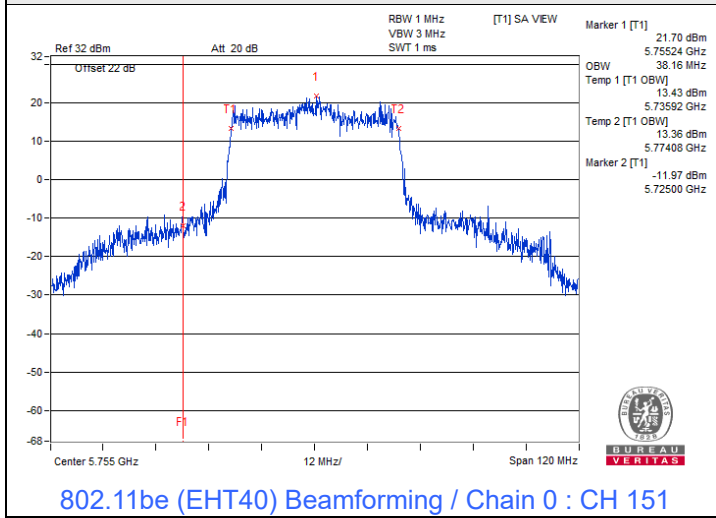
Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A)



Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C)



**Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C)**



7.6 Frequency Stability

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng
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Frequency Stability Versus Temperature									
Operating Frequency: 5180 MHz									
Temp. (°C)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
40	120	5180.0168	Pass	5180.0157	Pass	5180.0177	Pass	5180.0168	Pass
30	120	5180.0032	Pass	5180.0043	Pass	5180.0026	Pass	5180.0025	Pass
20	120	5179.9938	Pass	5179.9965	Pass	5179.9936	Pass	5179.9948	Pass
10	120	5180.0051	Pass	5180.0068	Pass	5180.0054	Pass	5180.0058	Pass
0	120	5180.0219	Pass	5180.0203	Pass	5180.0197	Pass	5180.0215	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
Temp. (°C)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	138	5179.9971	Pass	5179.9941	Pass	5179.9965	Pass	5179.9971	Pass
	120	5179.9938	Pass	5179.9965	Pass	5179.9936	Pass	5179.9948	Pass
	102	5180.0004	Pass	5180.0007	Pass	5180.0022	Pass	5180.0043	Pass

7.7 AC Power Conducted Emissions

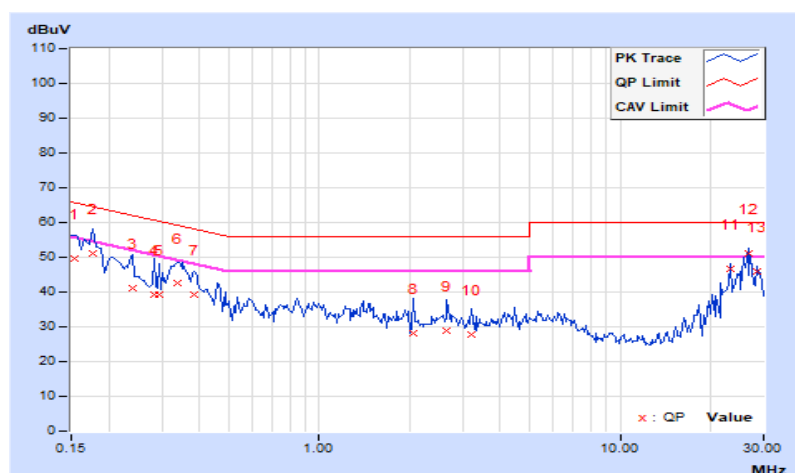
Beamforming

RF Mode	802.11be (EHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	10.03	39.62	22.24	49.65	32.27	65.79	55.79	-16.14	-23.52
2	0.17734	10.03	41.02	30.05	51.05	40.08	64.61	54.61	-13.56	-14.53
3	0.23984	10.03	31.21	16.79	41.24	26.82	62.10	52.10	-20.86	-25.28
4	0.28281	10.03	29.13	18.60	39.16	28.63	60.73	50.73	-21.57	-22.10
5	0.29453	10.03	29.15	15.41	39.18	25.44	60.40	50.40	-21.22	-24.96
6	0.33750	10.03	32.70	26.13	42.73	36.16	59.26	49.26	-16.53	-13.10
7	0.38438	10.03	29.39	20.94	39.42	30.97	58.18	48.18	-18.76	-17.21
8	2.04297	10.12	18.00	11.44	28.12	21.56	56.00	46.00	-27.88	-24.44
9	2.66016	10.17	18.83	12.42	29.00	22.59	56.00	46.00	-27.00	-23.41
10	3.22266	10.21	17.42	11.84	27.63	22.05	56.00	46.00	-28.37	-23.95
11	23.12891	11.40	35.29	30.79	46.69	42.19	60.00	50.00	-13.31	-7.81
12	26.60938	11.57	39.43	34.99	51.00	46.56	60.00	50.00	-9.00	-3.44
13	28.68359	11.68	34.32	30.83	46.00	42.51	60.00	50.00	-14.00	-7.49

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

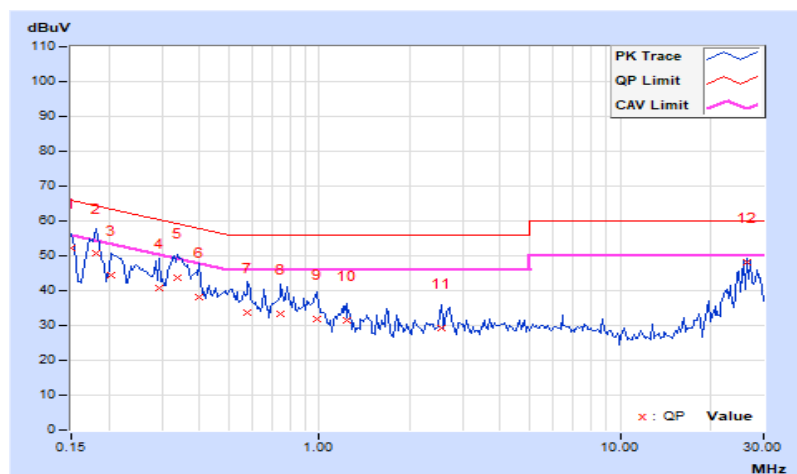


RF Mode	802.11be (EHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	10.02	42.37	29.98	52.39	40.00	66.00	56.00	-13.61	-16.00
2	0.18125	10.03	40.76	28.28	50.79	38.31	64.43	54.43	-13.64	-16.12
3	0.20469	10.03	34.56	18.76	44.59	28.79	63.42	53.42	-18.83	-24.63
4	0.29453	10.03	30.57	15.19	40.60	25.22	60.40	50.40	-19.80	-25.18
5	0.33750	10.03	33.55	24.59	43.58	34.62	59.26	49.26	-15.68	-14.64
6	0.40000	10.03	27.98	20.73	38.01	30.76	57.85	47.85	-19.84	-17.09
7	0.57969	10.04	23.58	17.92	33.62	27.96	56.00	46.00	-22.38	-18.04
8	0.74766	10.04	23.21	17.48	33.25	27.52	56.00	46.00	-22.75	-18.48
9	0.98203	10.05	21.65	16.04	31.70	26.09	56.00	46.00	-24.30	-19.91
10	1.23047	10.06	21.56	16.43	31.62	26.49	56.00	46.00	-24.38	-19.51
11	2.54297	10.12	19.27	13.45	29.39	23.57	56.00	46.00	-26.61	-22.43
12	26.48438	11.15	37.18	32.93	48.33	44.08	60.00	50.00	-11.67	-5.92

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



7.8 Unwanted Emissions below 1 GHz

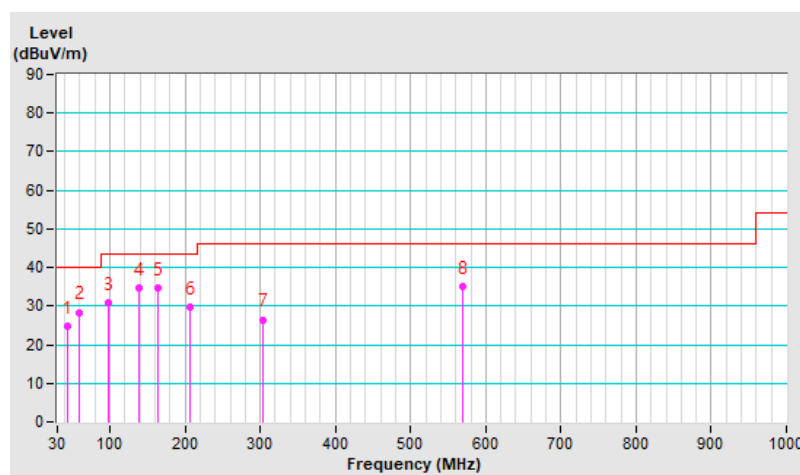
Beamforming

RF Mode	802.11be (EHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 67 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.80	24.6 QP	40.0	-15.4	2.00 H	241	37.3	-12.7
2	58.71	28.4 QP	40.0	-11.6	2.00 H	38	41.5	-13.1
3	98.46	30.9 QP	43.5	-12.6	2.00 H	98	48.1	-17.2
4	139.22	34.6 QP	43.5	-8.9	2.00 H	83	47.6	-13.0
5	163.96	34.8 QP	43.5	-8.7	2.00 H	80	47.5	-12.7
6	206.18	29.7 QP	43.5	-13.8	1.50 H	94	45.6	-15.9
7	303.61	26.5 QP	46.0	-19.5	2.00 H	254	37.8	-11.3
8	569.03	34.9 QP	46.0	-11.1	1.50 H	330	40.1	-5.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

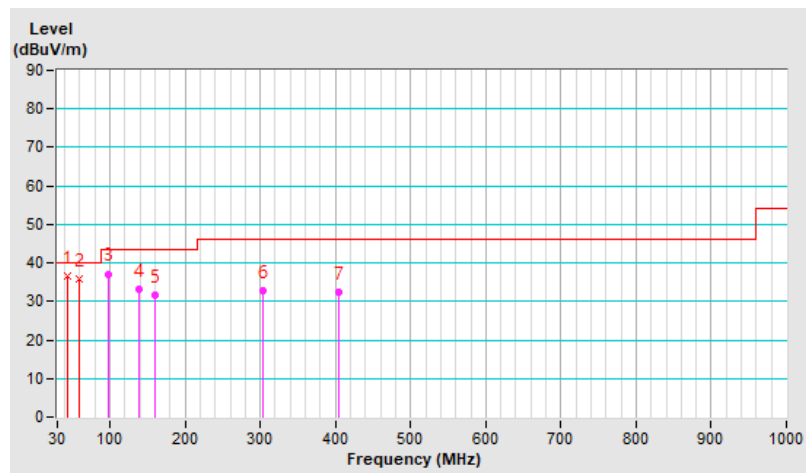


RF Mode	802.11be (EHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 67 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	42.79	36.5 QP	40.0	-3.5	1.00 V	313	49.3	-12.8
2	58.71	35.9 QP	40.0	-4.1	1.00 V	127	49.0	-13.1
3	98.43	37.2 QP	43.5	-6.3	1.00 V	197	54.4	-17.2
4	139.25	33.1 QP	43.5	-10.4	1.00 V	305	46.1	-13.0
5	159.66	31.8 QP	43.5	-11.7	1.00 V	50	44.4	-12.6
6	303.22	32.9 QP	46.0	-13.1	1.00 V	360	44.2	-11.3
7	404.27	32.4 QP	46.0	-13.6	1.00 V	352	41.5	-9.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.9 Unwanted Emissions above 1 GHz

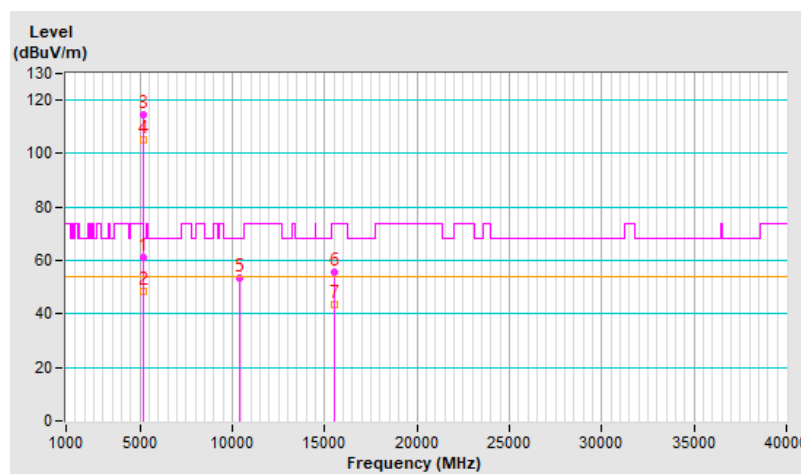
CDD

RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.1 PK	74.0	-12.9	1.08 H	103	55.1	6.0
2	5150.00	48.5 AV	54.0	-5.5	1.08 H	103	42.5	6.0
3	*5180.00	114.7 PK			1.08 H	103	108.8	5.9
4	*5180.00	105.1 AV			1.08 H	103	99.2	5.9
5	#10360.00	53.2 PK	68.2	-15.0	1.49 H	26	37.3	15.9
6	15540.00	55.6 PK	74.0	-18.4	1.74 H	296	38.7	16.9
7	15540.00	43.7 AV	54.0	-10.3	1.74 H	296	26.8	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

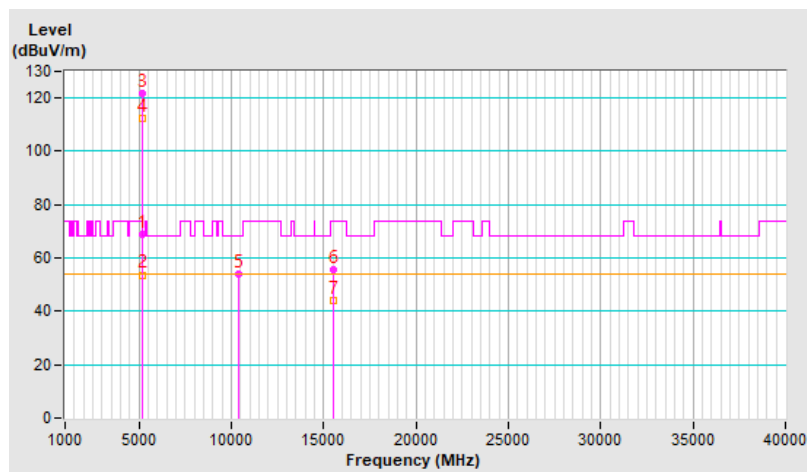


RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	1.83 V	279	62.9	6.0
2	5150.00	53.7 AV	54.0	-0.3	1.83 V	279	47.7	6.0
3	*5180.00	121.5 PK			1.83 V	279	115.6	5.9
4	*5180.00	112.1 AV			1.83 V	279	106.2	5.9
5	#10360.00	54.0 PK	68.2	-14.2	1.69 V	18	38.1	15.9
6	15540.00	55.8 PK	74.0	-18.2	1.55 V	343	38.9	16.9
7	15540.00	43.9 AV	54.0	-10.1	1.55 V	343	27.0	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

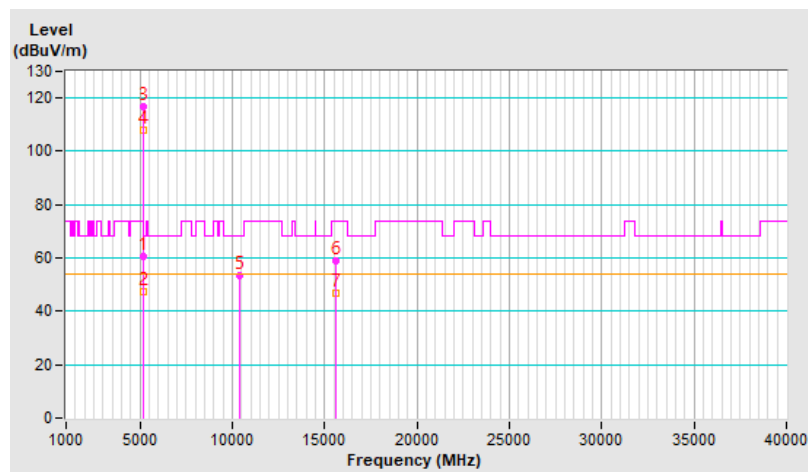


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.4 PK	74.0	-13.6	1.11 H	105	54.4	6.0
2	5150.00	47.3 AV	54.0	-6.7	1.11 H	105	41.3	6.0
3	*5200.00	116.8 PK			1.11 H	105	111.1	5.7
4	*5200.00	107.7 AV			1.11 H	105	102.0	5.7
5	#10400.00	53.6 PK	68.2	-14.6	1.53 H	40	37.5	16.1
6	15600.00	58.8 PK	74.0	-15.2	1.69 H	287	41.9	16.9
7	15600.00	46.8 AV	54.0	-7.2	1.69 H	287	29.9	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

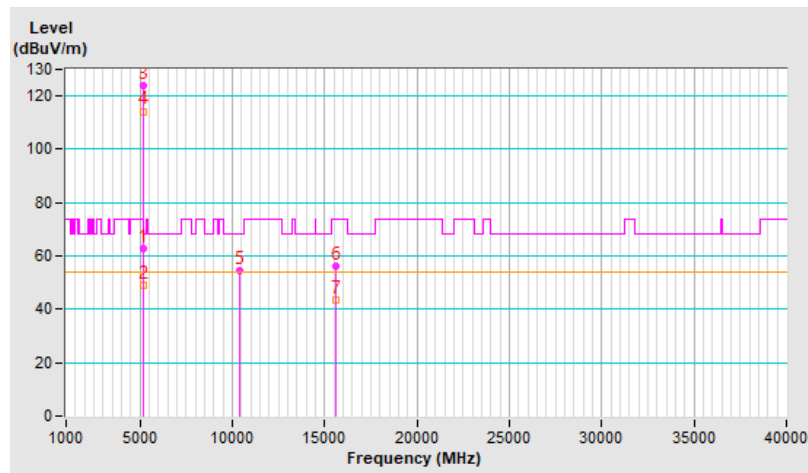


RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.8 PK	74.0	-11.2	1.72 V	203	56.8	6.0
2	5150.00	49.2 AV	54.0	-4.8	1.72 V	203	43.2	6.0
3	*5200.00	123.7 PK			1.72 V	203	118.0	5.7
4	*5200.00	114.3 AV			1.72 V	203	108.6	5.7
5	#10400.00	54.4 PK	68.2	-13.8	1.72 V	5	38.3	16.1
6	15600.00	56.0 PK	74.0	-18.0	1.50 V	344	39.1	16.9
7	15600.00	43.7 AV	54.0	-10.3	1.50 V	344	26.8	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

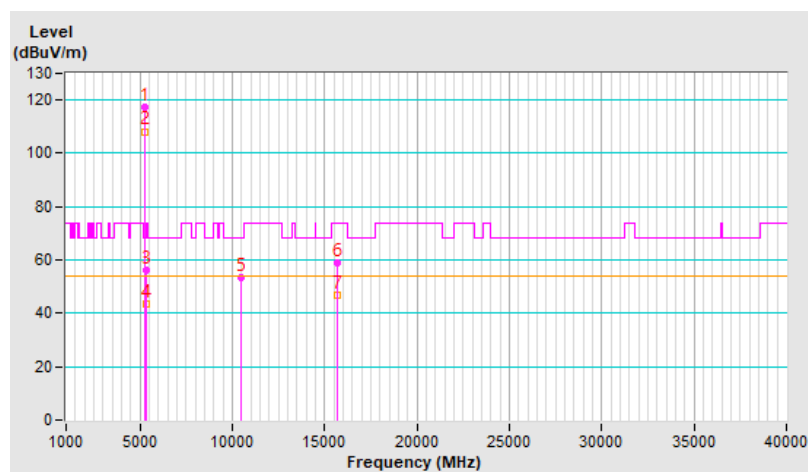


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	117.5 PK			1.89 H	89	111.9	5.6
2	*5240.00	108.2 AV			1.89 H	89	102.6	5.6
3	5350.00	56.0 PK	74.0	-18.0	1.89 H	89	50.1	5.9
4	5350.00	43.7 AV	54.0	-10.3	1.89 H	89	37.8	5.9
5	#10480.00	53.6 PK	68.2	-14.6	1.58 H	33	37.6	16.0
6	15720.00	58.8 PK	74.0	-15.2	1.71 H	303	41.6	17.2
7	15720.00	46.7 AV	54.0	-7.3	1.71 H	303	29.5	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

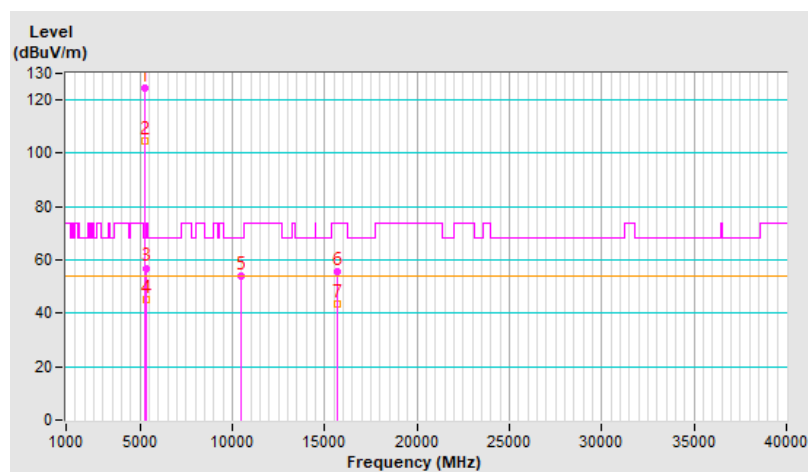


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	124.3 PK			1.83 V	276	118.7	5.6
2	*5240.00	104.8 AV			1.83 V	276	99.2	5.6
3	5350.00	57.0 PK	74.0	-17.0	1.83 V	276	51.1	5.9
4	5350.00	45.3 AV	54.0	-8.7	1.83 V	276	39.4	5.9
5	#10480.00	54.2 PK	68.2	-14.0	1.78 V	5	38.2	16.0
6	15720.00	55.8 PK	74.0	-18.2	1.46 V	345	38.6	17.2
7	15720.00	43.7 AV	54.0	-10.3	1.46 V	345	26.5	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

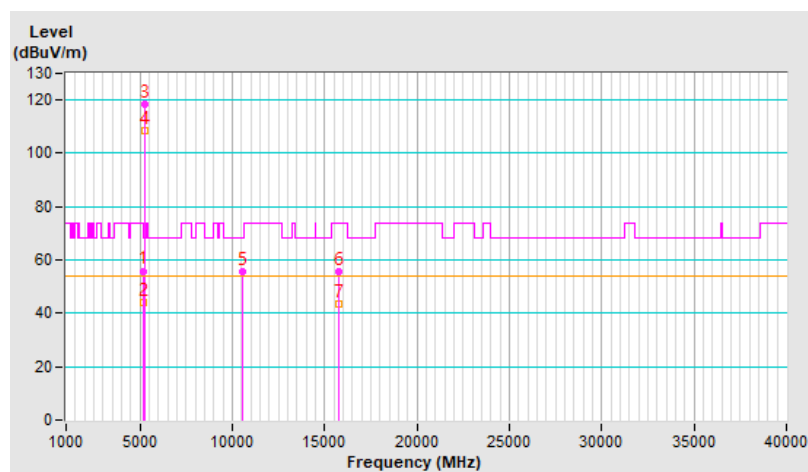


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.9 PK	74.0	-18.1	1.87 H	102	49.9	6.0
2	5150.00	44.1 AV	54.0	-9.9	1.87 H	102	38.1	6.0
3	*5260.00	118.2 PK			1.87 H	102	112.7	5.5
4	*5260.00	108.5 AV			1.87 H	102	103.0	5.5
5	#10520.00	55.4 PK	68.2	-12.8	1.44 H	20	39.5	15.9
6	15780.00	55.5 PK	74.0	-18.5	1.49 H	310	38.4	17.1
7	15780.00	43.4 AV	54.0	-10.6	1.49 H	310	26.3	17.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

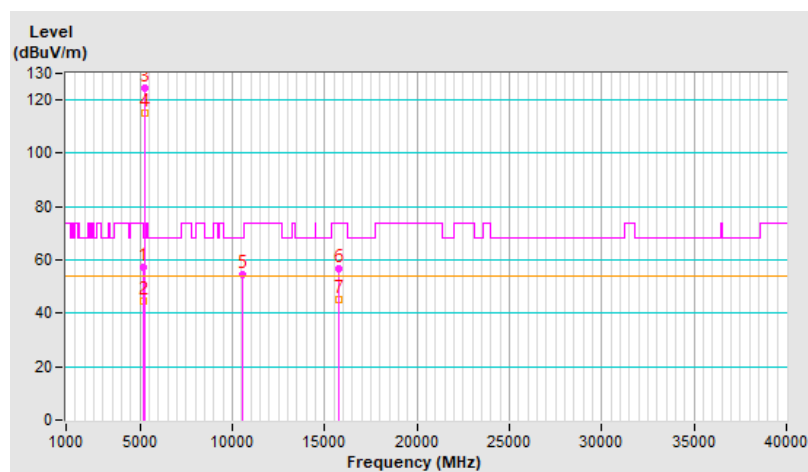


RF Mode	802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.2 PK	74.0	-16.8	1.83 V	278	51.2	6.0
2	5150.00	44.8 AV	54.0	-9.2	1.83 V	278	38.8	6.0
3	*5260.00	124.7 PK			1.83 V	278	119.2	5.5
4	*5260.00	115.3 AV			1.83 V	278	109.8	5.5
5	#10520.00	54.5 PK	68.2	-13.7	1.51 V	6	38.6	15.9
6	15780.00	56.8 PK	74.0	-17.2	3.90 V	7	39.7	17.1
7	15780.00	45.4 AV	54.0	-8.6	3.90 V	7	28.3	17.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

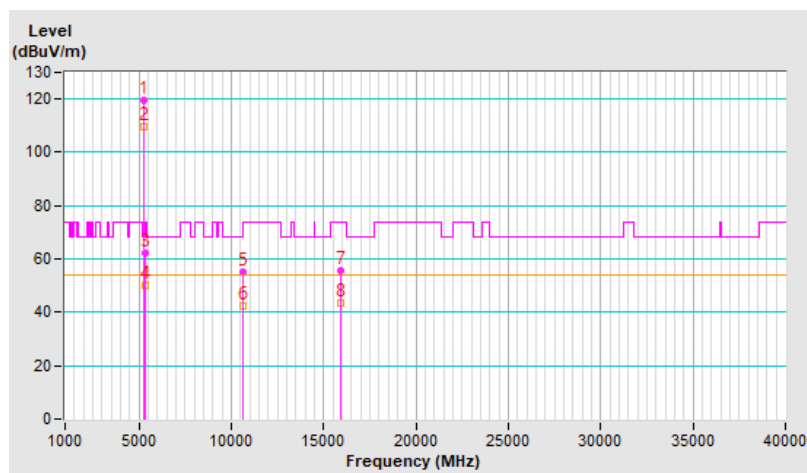


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	119.4 PK			1.92 H	100	114.0	5.4
2	*5300.00	109.6 AV			1.92 H	100	104.2	5.4
3	5350.00	62.1 PK	74.0	-11.9	1.92 H	100	56.2	5.9
4	5350.00	50.2 AV	54.0	-3.8	1.92 H	100	44.3	5.9
5	10600.00	55.0 PK	74.0	-19.0	1.47 H	33	38.7	16.3
6	10600.00	42.6 AV	54.0	-11.4	1.47 H	33	26.3	16.3
7	15900.00	55.6 PK	74.0	-18.4	1.50 H	326	38.2	17.4
8	15900.00	43.7 AV	54.0	-10.3	1.50 H	326	26.3	17.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

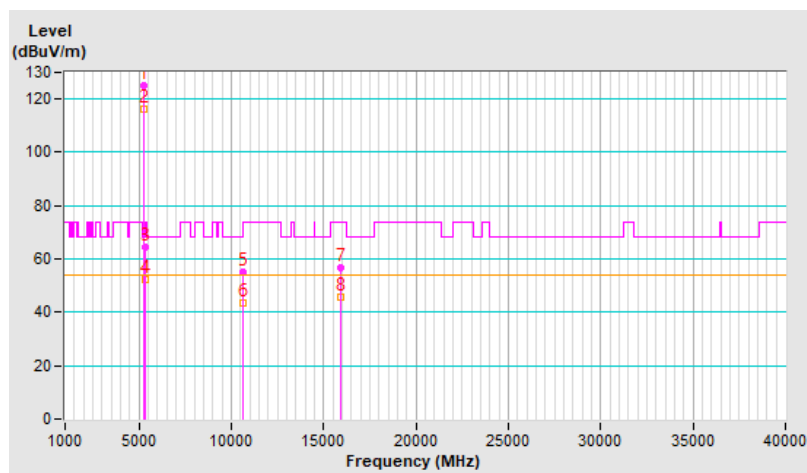


RF Mode	802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	125.1 PK			1.92 V	278	119.7	5.4
2	*5300.00	116.0 AV			1.92 V	278	110.6	5.4
3	5350.00	64.6 PK	74.0	-9.4	1.92 V	278	58.7	5.9
4	5350.00	52.3 AV	54.0	-1.7	1.92 V	278	46.4	5.9
5	10600.00	55.1 PK	74.0	-18.9	1.50 V	3	38.8	16.3
6	10600.00	43.3 AV	54.0	-10.7	1.50 V	3	27.0	16.3
7	15900.00	56.8 PK	74.0	-17.2	3.85 V	18	39.4	17.4
8	15900.00	45.5 AV	54.0	-8.5	3.85 V	18	28.1	17.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

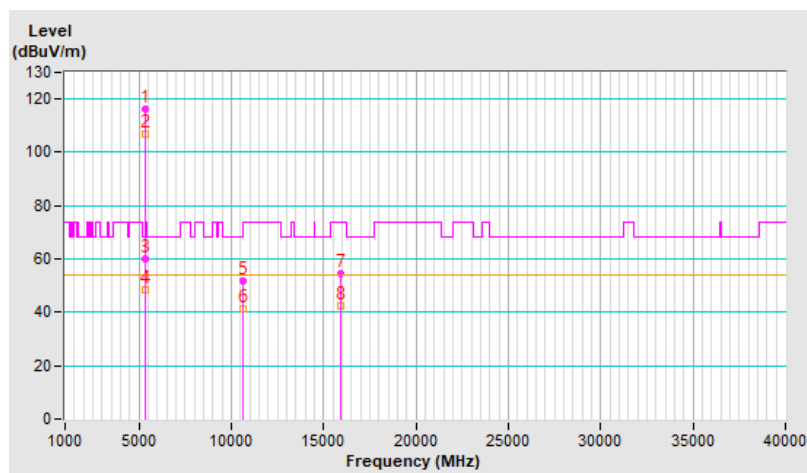


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	116.4 PK			2.00 H	97	110.8	5.6
2	*5320.00	107.0 AV			2.00 H	97	101.4	5.6
3	5350.00	59.8 PK	74.0	-14.2	2.00 H	97	53.9	5.9
4	5350.00	48.5 AV	54.0	-5.5	2.00 H	97	42.6	5.9
5	10640.00	51.9 PK	74.0	-22.1	1.42 H	48	35.5	16.4
6	10640.00	41.5 AV	54.0	-12.5	1.42 H	48	25.1	16.4
7	15960.00	54.5 PK	74.0	-19.5	1.50 H	329	37.3	17.2
8	15960.00	42.5 AV	54.0	-11.5	1.50 H	329	25.3	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

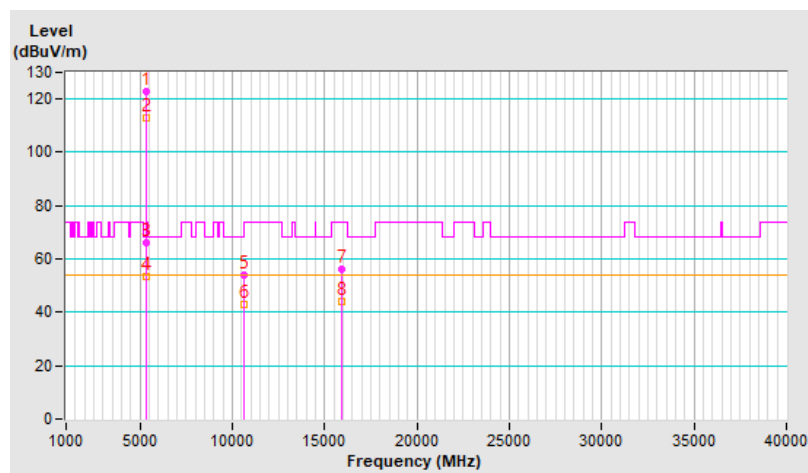


RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	123.0 PK			1.83 V	202	117.4	5.6
2	*5320.00	113.1 AV			1.83 V	202	107.5	5.6
3	5350.00	66.2 PK	74.0	-7.8	1.83 V	202	60.3	5.9
4	5350.00	53.3 AV	54.0	-0.7	1.83 V	202	47.4	5.9
5	10640.00	54.2 PK	74.0	-19.8	1.47 V	12	37.8	16.4
6	10640.00	42.9 AV	54.0	-11.1	1.47 V	12	26.5	16.4
7	15960.00	56.2 PK	74.0	-17.8	3.88 V	21	39.0	17.2
8	15960.00	43.8 AV	54.0	-10.2	3.88 V	21	26.6	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

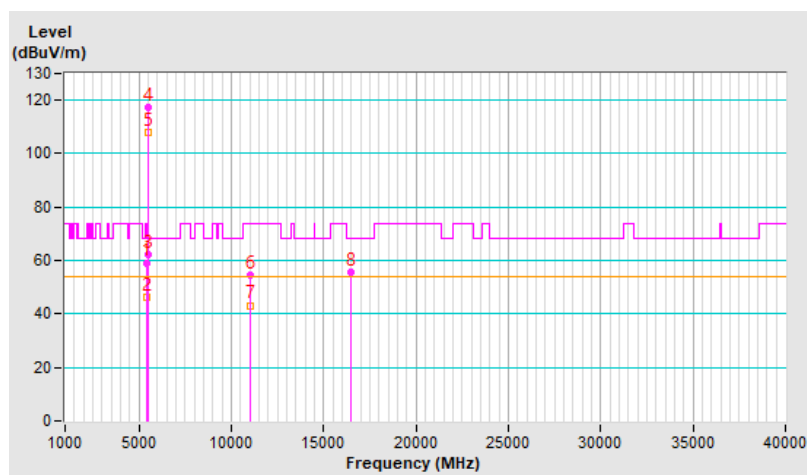


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.2 PK	74.0	-14.8	2.01 H	93	53.2	6.0
2	5460.00	46.2 AV	54.0	-7.8	2.01 H	93	40.2	6.0
3	#5470.00	62.1 PK	68.2	-6.1	2.01 H	93	56.1	6.0
4	*5500.00	117.1 PK			2.01 H	93	111.1	6.0
5	*5500.00	107.8 AV			2.01 H	93	101.8	6.0
6	11000.00	54.3 PK	74.0	-19.7	1.64 H	35	37.4	16.9
7	11000.00	43.2 AV	54.0	-10.8	1.64 H	35	26.3	16.9
8	#16500.00	55.7 PK	68.2	-12.5	1.52 H	3	36.1	19.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

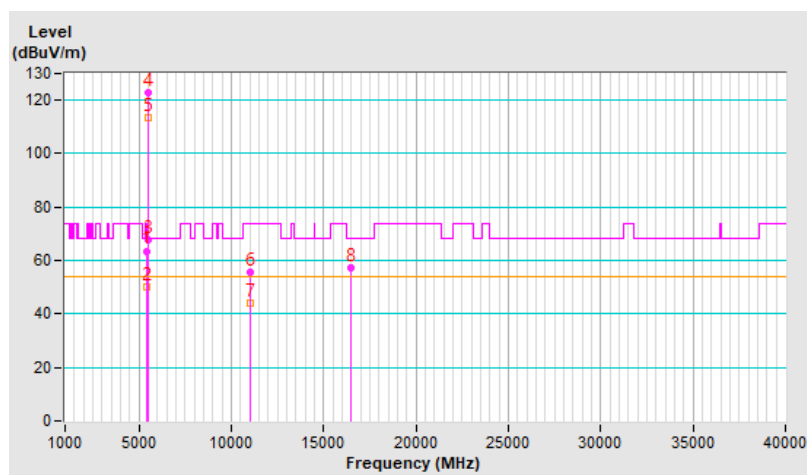


RF Mode	802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	63.6 PK	74.0	-10.4	1.81 V	205	57.6	6.0
2	5460.00	50.2 AV	54.0	-3.8	1.81 V	205	44.2	6.0
3	#5470.00	67.5 PK	68.2	-0.7	1.81 V	205	61.5	6.0
4	*5500.00	122.8 PK			1.81 V	205	116.8	6.0
5	*5500.00	113.2 AV			1.81 V	205	107.2	6.0
6	11000.00	55.4 PK	74.0	-18.6	1.48 V	15	38.5	16.9
7	11000.00	44.1 AV	54.0	-9.9	1.48 V	15	27.2	16.9
8	#16500.00	57.2 PK	68.2	-11.0	3.77 V	17	37.6	19.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

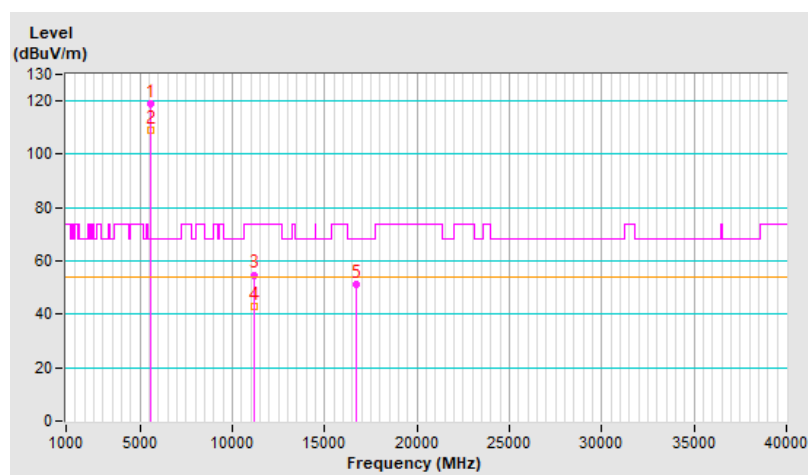


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	118.9 PK			1.99 H	87	113.0	5.9
2	*5580.00	109.1 AV			1.99 H	87	103.2	5.9
3	11160.00	54.8 PK	74.0	-19.2	1.59 H	45	38.2	16.6
4	11160.00	42.9 AV	54.0	-11.1	1.59 H	45	26.3	16.6
5	#16740.00	51.1 PK	68.2	-17.1	1.50 H	15	29.8	21.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

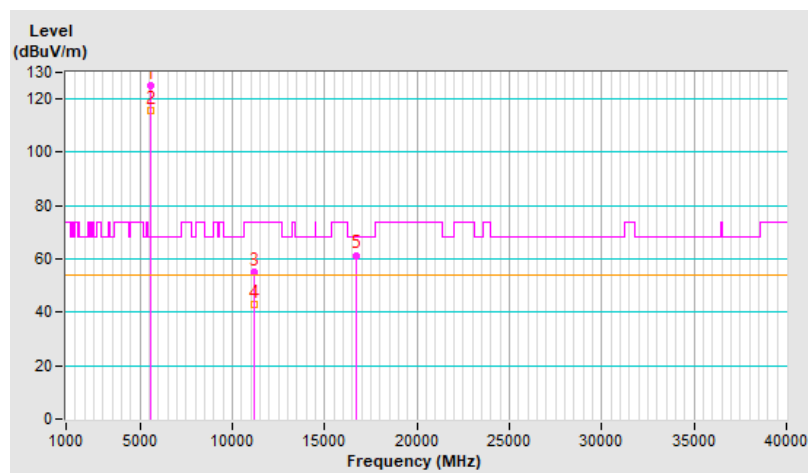


RF Mode	802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	124.9 PK			1.80 V	206	119.0	5.9
2	*5580.00	115.8 AV			1.80 V	206	109.9	5.9
3	11160.00	55.1 PK	74.0	-18.9	1.51 V	6	38.5	16.6
4	11160.00	43.0 AV	54.0	-11.0	1.51 V	6	26.4	16.6
5	#16740.00	61.4 PK	68.2	-6.8	3.75 V	12	40.1	21.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

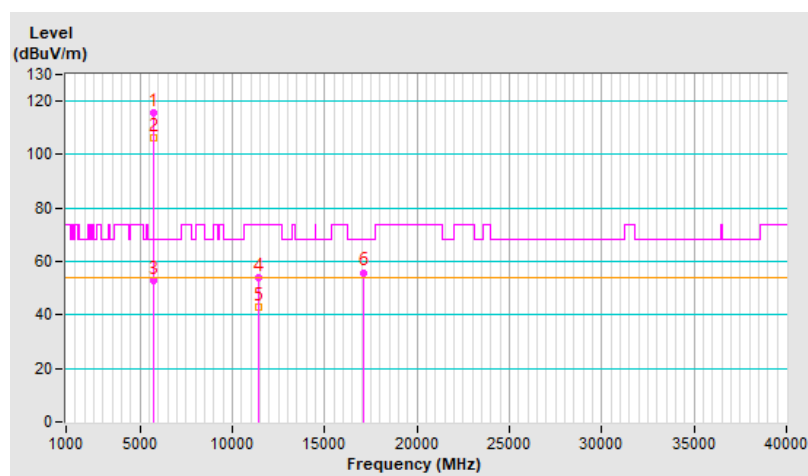


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	115.6 PK			1.94 H	85	109.5	6.1
2	*5700.00	106.1 AV			1.94 H	85	100.0	6.1
3	#5725.00	52.7 PK	68.2	-15.5	1.94 H	85	46.5	6.2
4	11400.00	53.9 PK	74.0	-20.1	1.55 H	34	37.0	16.9
5	11400.00	42.9 AV	54.0	-11.1	1.55 H	34	26.0	16.9
6	#17100.00	55.9 PK	68.2	-12.3	1.49 H	8	35.7	20.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

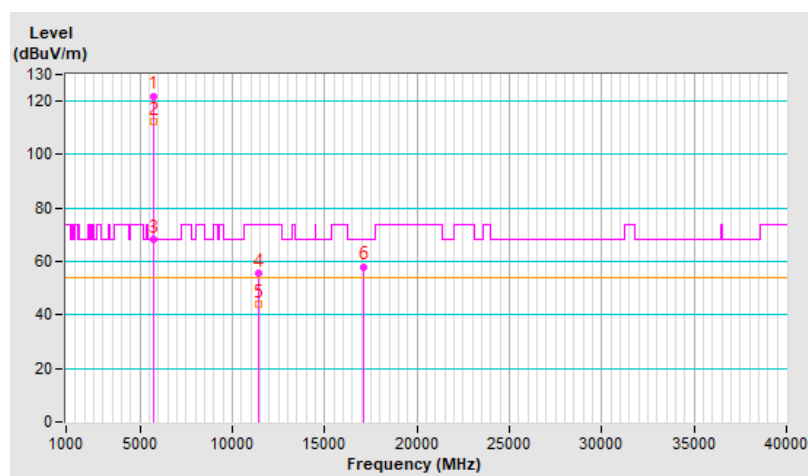


RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	122.0 PK			1.99 V	206	115.9	6.1
2	*5700.00	112.5 AV			1.99 V	206	106.4	6.1
3	#5725.00	68.1 PK	68.2	-0.1	1.99 V	206	61.9	6.2
4	11400.00	55.6 PK	74.0	-18.4	1.51 V	6	38.7	16.9
5	11400.00	44.3 AV	54.0	-9.7	1.51 V	6	27.4	16.9
6	#17100.00	58.1 PK	68.2	-10.1	3.73 V	9	37.9	20.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

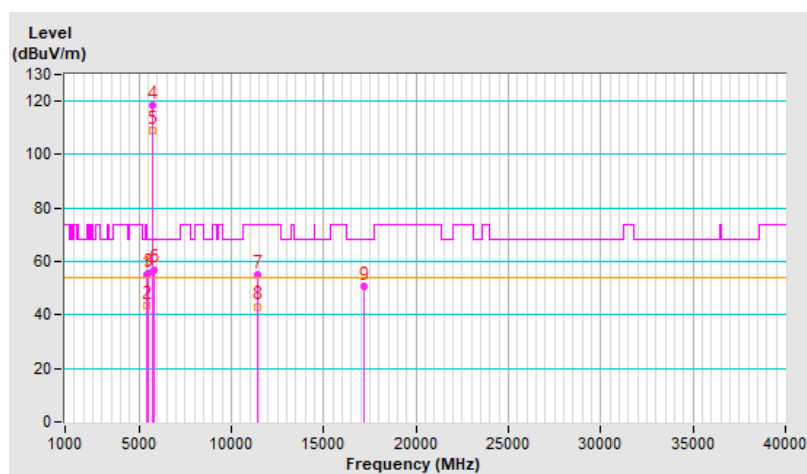


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.3 PK	74.0	-18.7	1.93 H	86	49.3	6.0
2	5460.00	43.7 AV	54.0	-10.3	1.93 H	86	37.7	6.0
3	#5470.00	55.6 PK	68.2	-12.6	1.93 H	86	49.6	6.0
4	*5720.00	118.2 PK			1.93 H	86	112.0	6.2
5	*5720.00	109.2 AV			1.93 H	86	103.0	6.2
6	#5850.00	57.0 PK	68.2	-11.2	1.93 H	86	50.4	6.6
7	11440.00	55.1 PK	74.0	-18.9	1.54 H	46	38.2	16.9
8	11440.00	43.2 AV	54.0	-10.8	1.54 H	46	26.3	16.9
9	#17160.00	50.7 PK	68.2	-17.5	1.55 H	22	30.7	20.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

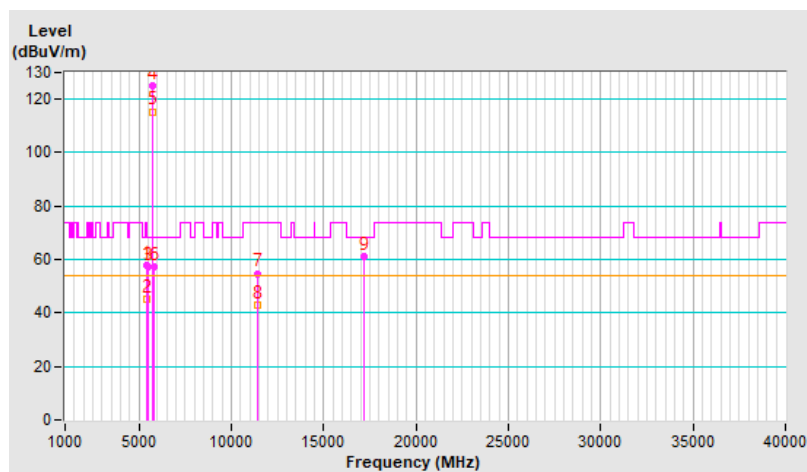


RF Mode	802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.6 PK	74.0	-16.4	1.90 V	208	51.6	6.0
2	5460.00	45.4 AV	54.0	-8.6	1.90 V	208	39.4	6.0
3	#5470.00	57.1 PK	68.2	-11.1	1.90 V	208	51.1	6.0
4	*5720.00	125.1 PK			1.90 V	208	118.9	6.2
5	*5720.00	115.4 AV			1.90 V	208	109.2	6.2
6	#5850.00	57.2 PK	68.2	-11.0	1.90 V	208	50.6	6.6
7	11440.00	54.8 PK	74.0	-19.2	1.53 V	17	37.9	16.9
8	11440.00	42.9 AV	54.0	-11.1	1.53 V	17	26.0	16.9
9	#17160.00	61.2 PK	68.2	-7.0	3.75 V	16	41.2	20.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

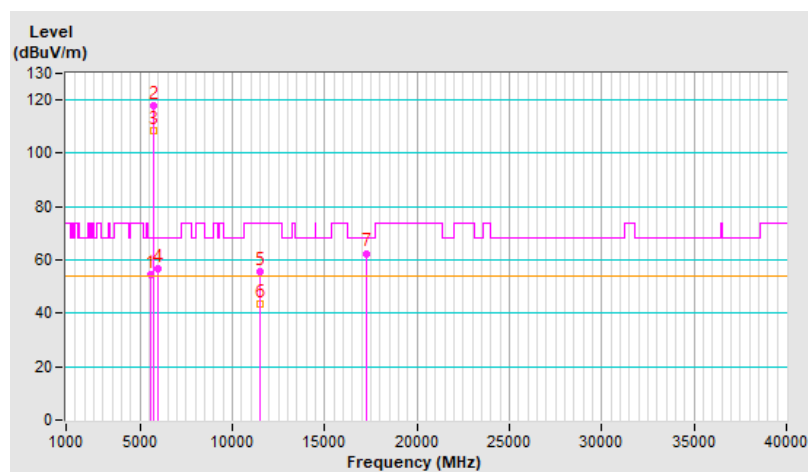


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5600.40	54.7 PK	68.2	-13.5	1.92 H	86	48.8	5.9
2	*5745.00	117.7 PK			1.92 H	86	111.3	6.4
3	*5745.00	108.5 AV			1.92 H	86	102.1	6.4
4	#5989.91	56.5 PK	68.2	-11.7	1.92 H	86	50.0	6.5
5	11490.00	55.8 PK	74.0	-18.2	1.43 H	23	38.9	16.9
6	11490.00	43.6 AV	54.0	-10.4	1.43 H	23	26.7	16.9
7	#17235.00	62.5 PK	68.2	-5.7	1.54 H	337	42.4	20.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

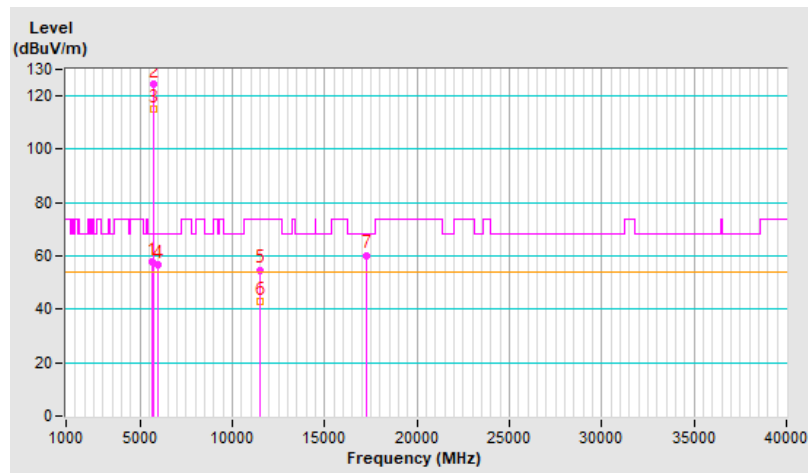


RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5618.77	57.7 PK	68.2	-10.5	1.78 V	204	51.8	5.9
2	*5745.00	124.5 PK			1.78 V	204	118.1	6.4
3	*5745.00	115.0 AV			1.78 V	204	108.6	6.4
4	#5987.82	56.6 PK	68.2	-11.6	1.78 V	204	50.1	6.5
5	11490.00	54.8 PK	74.0	-19.2	1.51 V	18	37.9	16.9
6	11490.00	42.9 AV	54.0	-11.1	1.51 V	18	26.0	16.9
7	#17235.00	60.3 PK	68.2	-7.9	1.43 V	324	40.2	20.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

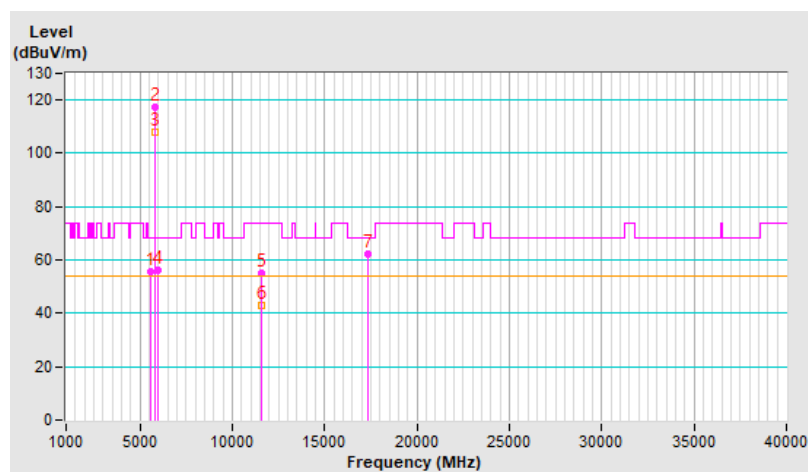


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5563.42	55.6 PK	68.2	-12.6	1.95 H	88	49.7	5.9
2	*5785.00	117.3 PK			1.95 H	88	110.8	6.5
3	*5785.00	107.8 AV			1.95 H	88	101.3	6.5
4	#6003.24	56.3 PK	68.2	-11.9	1.95 H	88	49.8	6.5
5	11570.00	55.2 PK	74.0	-18.8	1.45 H	27	38.2	17.0
6	11570.00	43.1 AV	54.0	-10.9	1.45 H	27	26.1	17.0
7	#17355.00	62.3 PK	68.2	-5.9	1.50 H	325	41.2	21.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

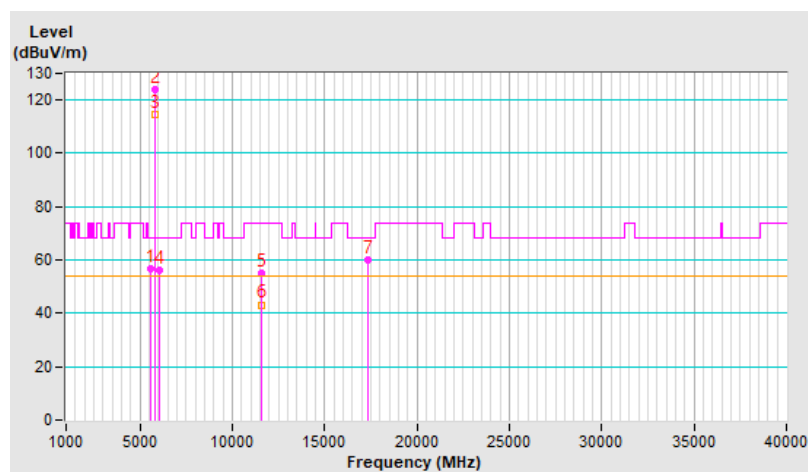


RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5591.72	56.9 PK	68.2	-11.3	1.63 V	209	51.0	5.9
2	*5785.00	123.8 PK			1.63 V	209	117.3	6.5
3	*5785.00	114.6 AV			1.63 V	209	108.1	6.5
4	#6021.14	56.3 PK	68.2	-11.9	1.63 V	209	49.8	6.5
5	11570.00	55.3 PK	74.0	-18.7	1.49 V	4	38.3	17.0
6	11570.00	43.2 AV	54.0	-10.8	1.49 V	4	26.2	17.0
7	#17355.00	60.1 PK	68.2	-8.1	1.46 V	322	39.0	21.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

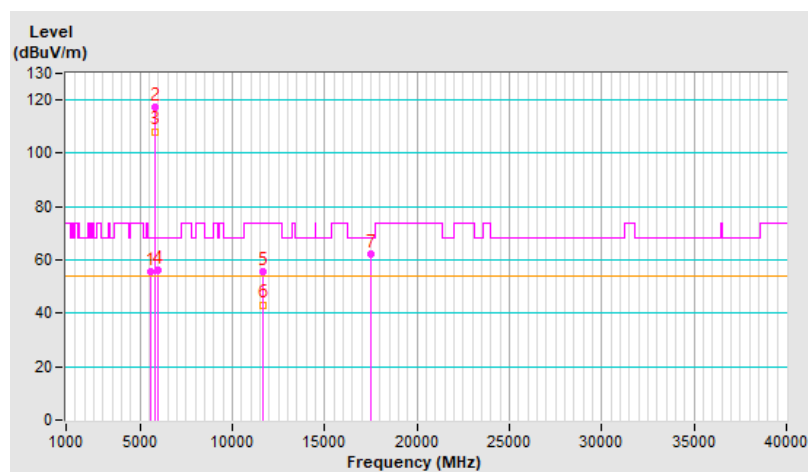


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5555.31	55.7 PK	68.2	-12.5	1.88 H	85	49.8	5.9
2	*5825.00	117.5 PK			1.88 H	85	110.9	6.6
3	*5825.00	108.2 AV			1.88 H	85	101.6	6.6
4	#5951.10	56.2 PK	68.2	-12.0	1.88 H	85	49.8	6.4
5	11650.00	55.4 PK	74.0	-18.6	1.51 H	42	38.5	16.9
6	11650.00	43.2 AV	54.0	-10.8	1.51 H	42	26.3	16.9
7	#17475.00	62.1 PK	68.2	-6.1	1.45 H	331	39.7	22.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

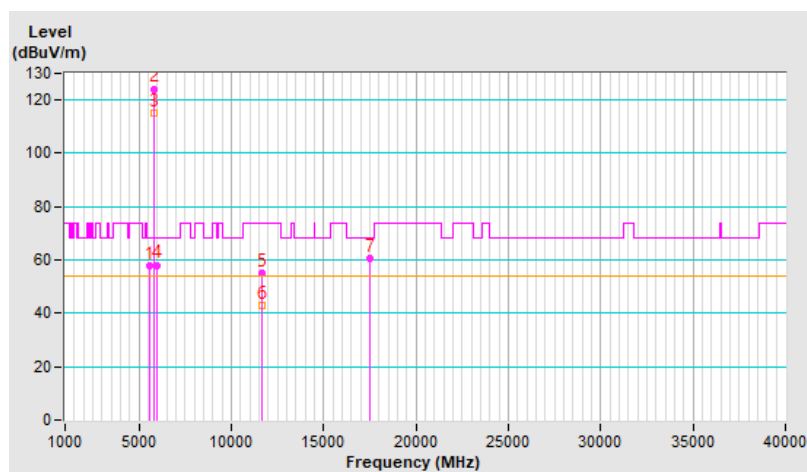


RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5594.31	57.9 PK	68.2	-10.3	1.74 V	213	52.0	5.9
2	*5825.00	124.2 PK			1.74 V	213	117.6	6.6
3	*5825.00	114.9 AV			1.74 V	213	108.3	6.6
4	#5993.98	58.1 PK	68.2	-10.1	1.74 V	213	51.6	6.5
5	11650.00	54.9 PK	74.0	-19.1	1.48 V	13	38.0	16.9
6	11650.00	42.7 AV	54.0	-11.3	1.48 V	13	25.8	16.9
7	#17475.00	60.6 PK	68.2	-7.6	1.50 V	329	38.2	22.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



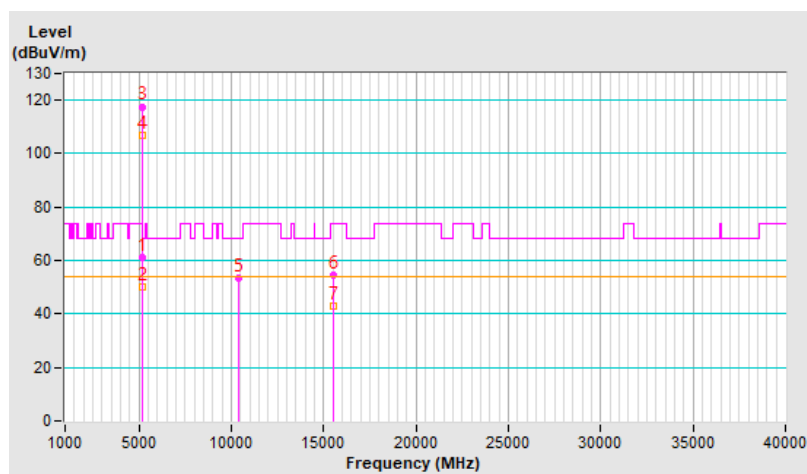
Beamforming

RF Mode	802.11be (EHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.2 PK	74.0	-12.8	1.02 H	95	55.2	6.0
2	5150.00	50.0 AV	54.0	-4.0	1.02 H	95	44.0	6.0
3	*5180.00	117.6 PK			1.02 H	95	111.7	5.9
4	*5180.00	107.0 AV			1.02 H	95	101.1	5.9
5	#10360.00	53.5 PK	68.2	-14.7	1.53 H	182	37.6	15.9
6	15540.00	54.7 PK	74.0	-19.3	1.79 H	204	37.8	16.9
7	15540.00	42.9 AV	54.0	-11.1	1.79 H	204	26.0	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

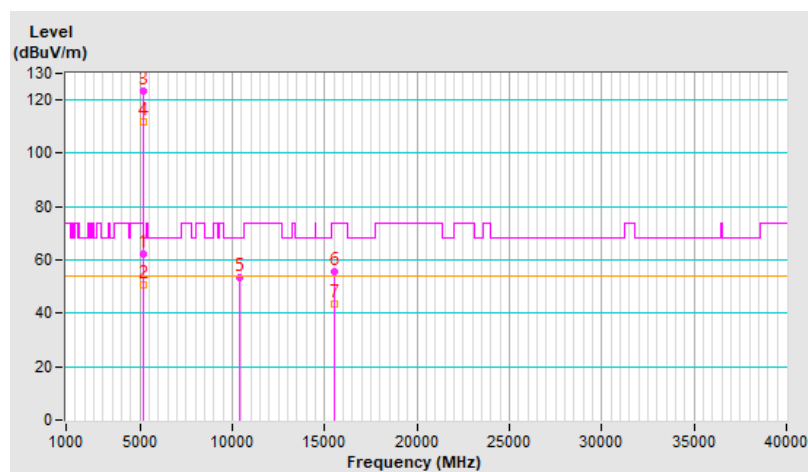


RF Mode	802.11be (EHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5147.70	62.0 PK	74.0	-12.0	2.05 V	213	56.0	6.0
2	5147.70	50.6 AV	54.0	-3.4	2.05 V	213	44.6	6.0
3	*5180.00	123.5 PK			2.05 V	213	117.6	5.9
4	*5180.00	111.8 AV			2.05 V	213	105.9	5.9
5	#10360.00	53.6 PK	68.2	-14.6	1.45 V	152	37.7	15.9
6	15540.00	55.6 PK	74.0	-18.4	1.64 V	200	38.7	16.9
7	15540.00	43.7 AV	54.0	-10.3	1.64 V	200	26.8	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

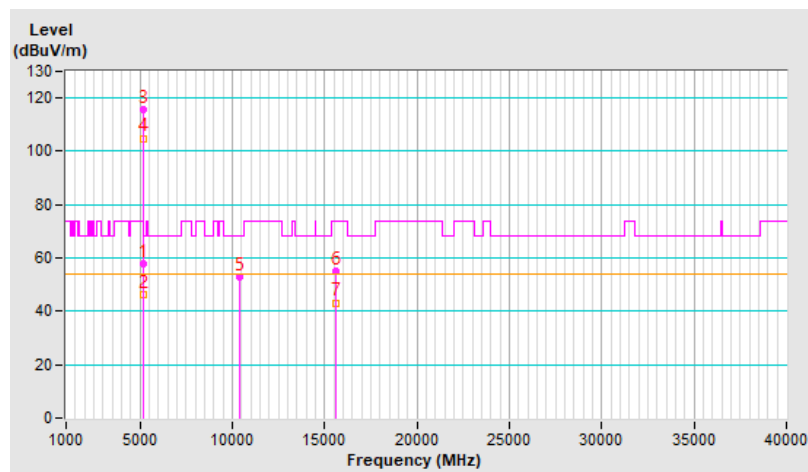


RF Mode	802.11be (EHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.6 PK	74.0	-16.4	1.02 H	106	51.6	6.0
2	5150.00	46.2 AV	54.0	-7.8	1.02 H	106	40.2	6.0
3	*5200.00	115.9 PK			1.02 H	106	110.2	5.7
4	*5200.00	104.9 AV			1.02 H	106	99.2	5.7
5	#10400.00	52.9 PK	68.2	-15.3	1.45 H	176	36.8	16.1
6	15600.00	55.1 PK	74.0	-18.9	1.73 H	212	38.2	16.9
7	15600.00	43.2 AV	54.0	-10.8	1.73 H	212	26.3	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

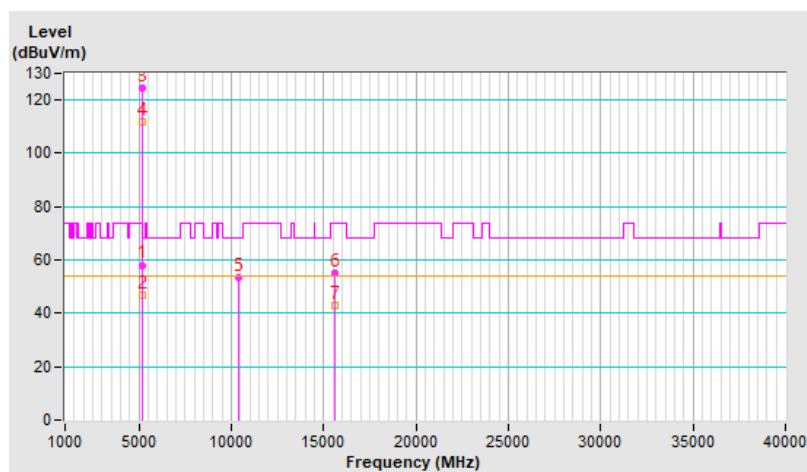


RF Mode	802.11be (EHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.1 PK	74.0	-15.9	2.06 V	212	52.1	6.0
2	5150.00	46.7 AV	54.0	-7.3	2.06 V	212	40.7	6.0
3	*5200.00	124.3 PK			2.06 V	212	118.6	5.7
4	*5200.00	111.9 AV			2.06 V	212	106.2	5.7
5	#10400.00	53.3 PK	68.2	-14.9	1.44 V	172	37.2	16.1
6	15600.00	55.2 PK	74.0	-18.8	1.60 V	206	38.3	16.9
7	15600.00	43.1 AV	54.0	-10.9	1.60 V	206	26.2	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

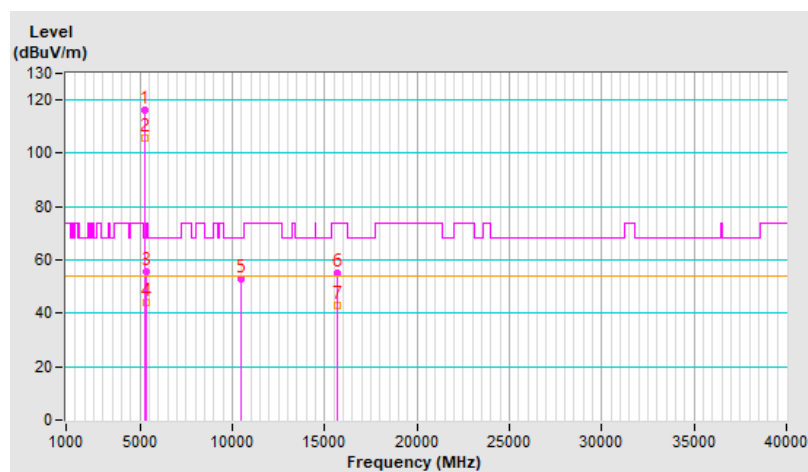


RF Mode	802.11be (EHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	116.4 PK			1.90 H	100	110.8	5.6
2	*5240.00	105.6 AV			1.90 H	100	100.0	5.6
3	5350.00	55.6 PK	74.0	-18.4	1.90 H	100	49.7	5.9
4	5350.00	44.3 AV	54.0	-9.7	1.90 H	100	38.4	5.9
5	#10480.00	52.9 PK	68.2	-15.3	1.49 H	186	36.9	16.0
6	15720.00	55.1 PK	74.0	-18.9	1.73 H	220	37.9	17.2
7	15720.00	43.1 AV	54.0	-10.9	1.73 H	220	25.9	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

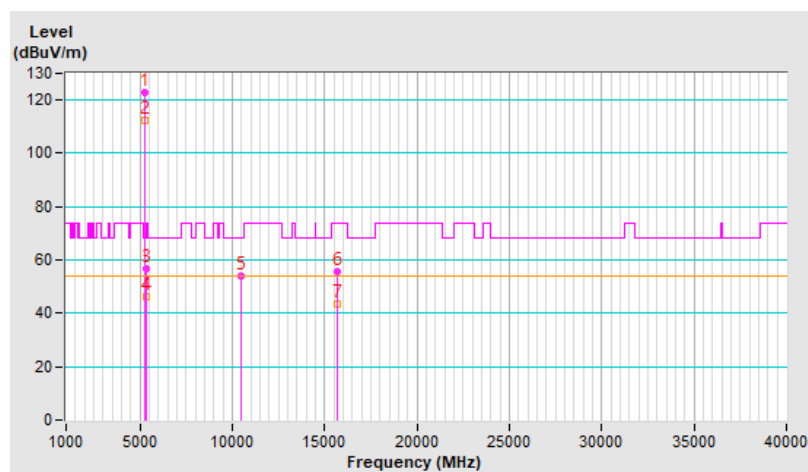


RF Mode	802.11be (EHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	123.0 PK			2.07 V	215	117.4	5.6
2	*5240.00	112.1 AV			2.07 V	215	106.5	5.6
3	5350.00	56.8 PK	74.0	-17.2	2.07 V	215	50.9	5.9
4	5350.00	46.4 AV	54.0	-7.6	2.07 V	215	40.5	5.9
5	#10480.00	53.8 PK	68.2	-14.4	1.50 V	164	37.8	16.0
6	15720.00	55.5 PK	74.0	-18.5	1.64 V	205	38.3	17.2
7	15720.00	43.4 AV	54.0	-10.6	1.64 V	205	26.2	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

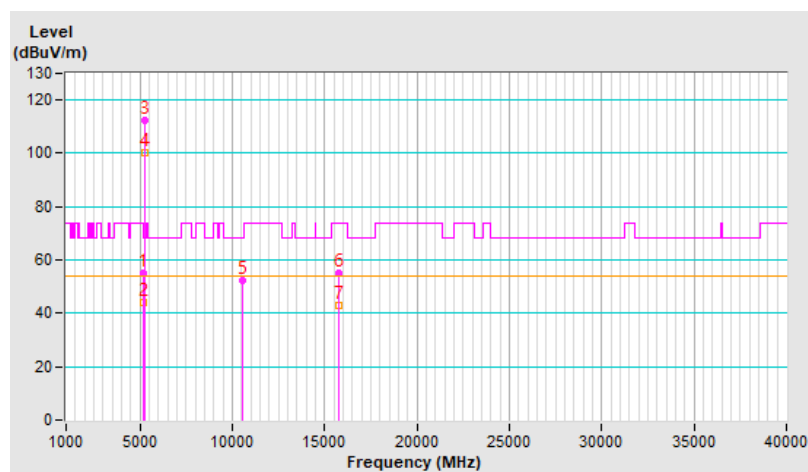


RF Mode	802.11be (EHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.2 PK	74.0	-18.8	1.88 H	99	49.2	6.0
2	5150.00	43.8 AV	54.0	-10.2	1.88 H	99	37.8	6.0
3	*5260.00	112.2 PK			1.88 H	99	106.7	5.5
4	*5260.00	100.3 AV			1.88 H	99	94.8	5.5
5	#10520.00	52.3 PK	68.2	-15.9	1.44 H	183	36.4	15.9
6	15780.00	54.9 PK	74.0	-19.1	1.67 H	217	37.8	17.1
7	15780.00	42.8 AV	54.0	-11.2	1.67 H	217	25.7	17.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

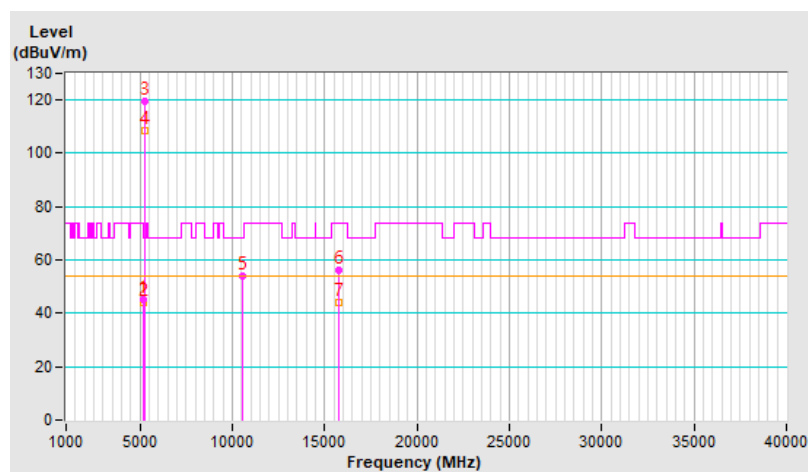


RF Mode	802.11be (EHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	45.4 PK	74.0	-28.6	1.94 V	210	39.4	6.0
2	5150.00	44.1 AV	54.0	-9.9	1.94 V	210	38.1	6.0
3	*5260.00	119.6 PK			1.94 V	210	114.1	5.5
4	*5260.00	108.5 AV			1.94 V	210	103.0	5.5
5	#10520.00	53.9 PK	68.2	-14.3	1.49 V	173	38.0	15.9
6	15780.00	56.1 PK	74.0	-17.9	1.58 V	202	39.0	17.1
7	15780.00	43.8 AV	54.0	-10.2	1.58 V	202	26.7	17.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

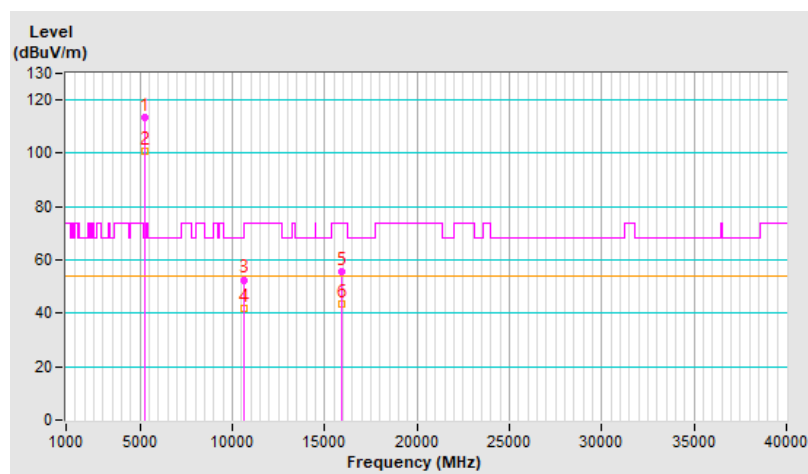


RF Mode	802.11be (EHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	113.2 PK			1.71 H	100	107.8	5.4
2	*5300.00	100.9 AV			1.71 H	100	95.5	5.4
3	10600.00	52.6 PK	74.0	-21.4	1.48 H	196	36.3	16.3
4	10600.00	42.0 AV	54.0	-12.0	1.48 H	196	25.7	16.3
5	15900.00	55.8 PK	74.0	-18.2	1.68 H	226	38.4	17.4
6	15900.00	43.5 AV	54.0	-10.5	1.68 H	226	26.1	17.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

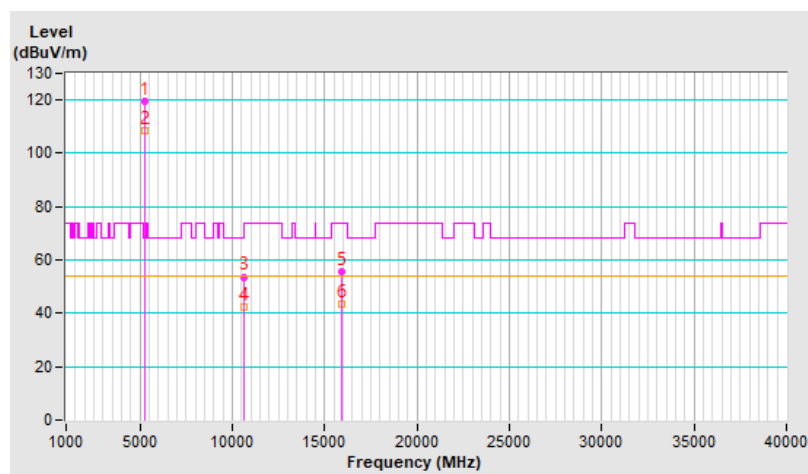


RF Mode	802.11be (EHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	119.5 PK			1.93 V	210	114.1	5.4
2	*5300.00	108.4 AV			1.93 V	210	103.0	5.4
3	10600.00	53.7 PK	74.0	-20.3	1.47 V	179	37.4	16.3
4	10600.00	42.4 AV	54.0	-11.6	1.47 V	179	26.1	16.3
5	15900.00	55.6 PK	74.0	-18.4	1.65 V	208	38.2	17.4
6	15900.00	43.6 AV	54.0	-10.4	1.65 V	208	26.2	17.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

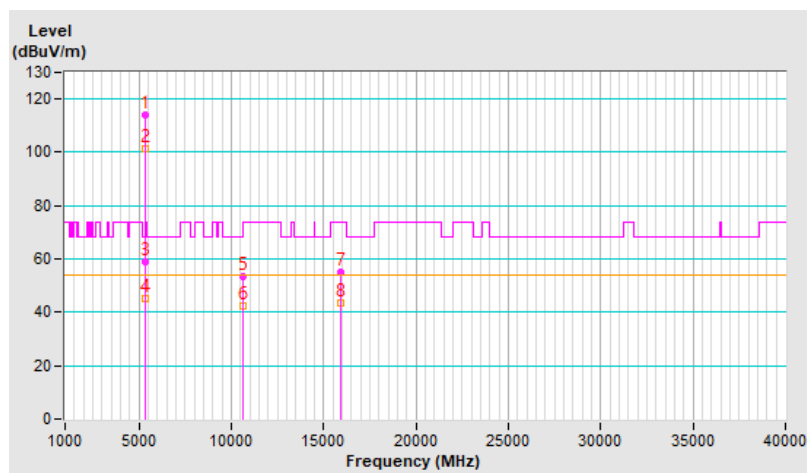


RF Mode	802.11be (EHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	114.1 PK			1.99 H	97	108.5	5.6
2	*5320.00	101.1 AV			1.99 H	97	95.5	5.6
3	5350.00	58.9 PK	74.0	-15.1	1.99 H	97	53.0	5.9
4	5350.00	44.9 AV	54.0	-9.1	1.99 H	97	39.0	5.9
5	10640.00	53.5 PK	74.0	-20.5	1.49 H	191	37.1	16.4
6	10640.00	42.4 AV	54.0	-11.6	1.49 H	191	26.0	16.4
7	15960.00	55.1 PK	74.0	-18.9	1.78 H	204	37.9	17.2
8	15960.00	43.4 AV	54.0	-10.6	1.78 H	204	26.2	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

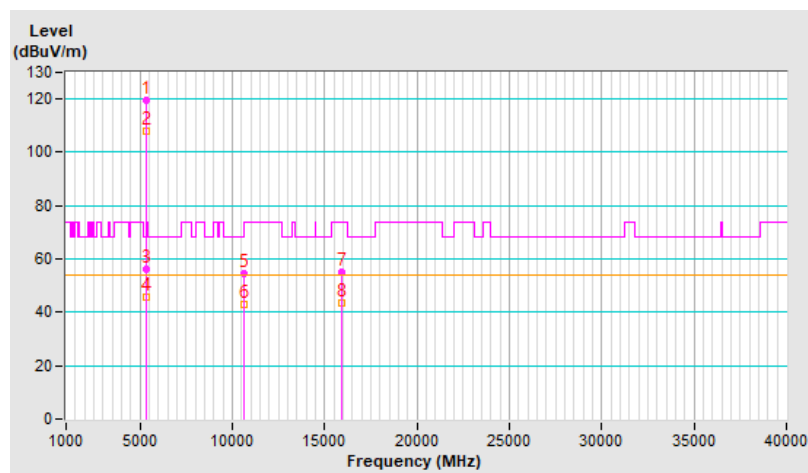


RF Mode	802.11be (EHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	119.4 PK			1.88 V	214	113.8	5.6
2	*5320.00	108.1 AV			1.88 V	214	102.5	5.6
3	5350.00	56.2 PK	74.0	-17.8	1.88 V	214	50.3	5.9
4	5350.00	45.5 AV	54.0	-8.5	1.88 V	214	39.6	5.9
5	10640.00	54.3 PK	74.0	-19.7	1.49 V	177	37.9	16.4
6	10640.00	43.0 AV	54.0	-11.0	1.49 V	177	26.6	16.4
7	15960.00	55.3 PK	74.0	-18.7	1.67 V	203	38.1	17.2
8	15960.00	43.4 AV	54.0	-10.6	1.67 V	203	26.2	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

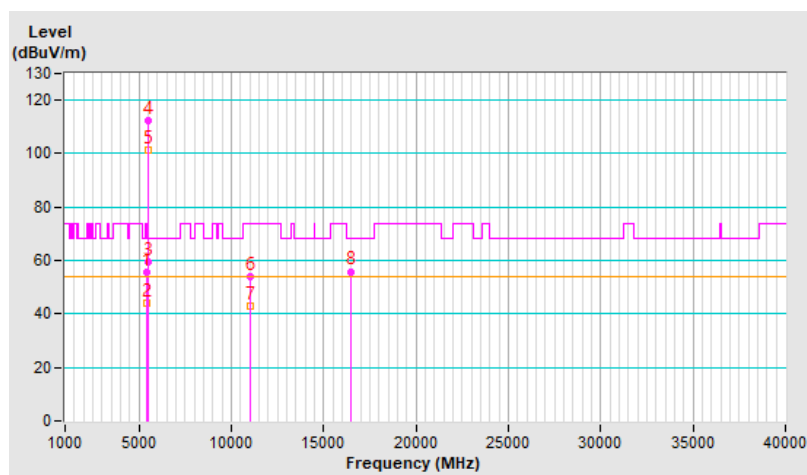


RF Mode	802.11be (EHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.8 PK	74.0	-18.2	1.89 H	94	49.8	6.0
2	5460.00	43.8 AV	54.0	-10.2	1.89 H	94	37.8	6.0
3	#5470.00	59.6 PK	68.2	-8.6	1.89 H	94	53.6	6.0
4	*5500.00	112.1 PK			1.89 H	94	106.1	6.0
5	*5500.00	101.2 AV			1.89 H	94	95.2	6.0
6	11000.00	53.9 PK	74.0	-20.1	1.50 H	204	37.0	16.9
7	11000.00	43.0 AV	54.0	-11.0	1.50 H	204	26.1	16.9
8	#16500.00	55.9 PK	68.2	-12.3	1.78 H	248	36.3	19.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

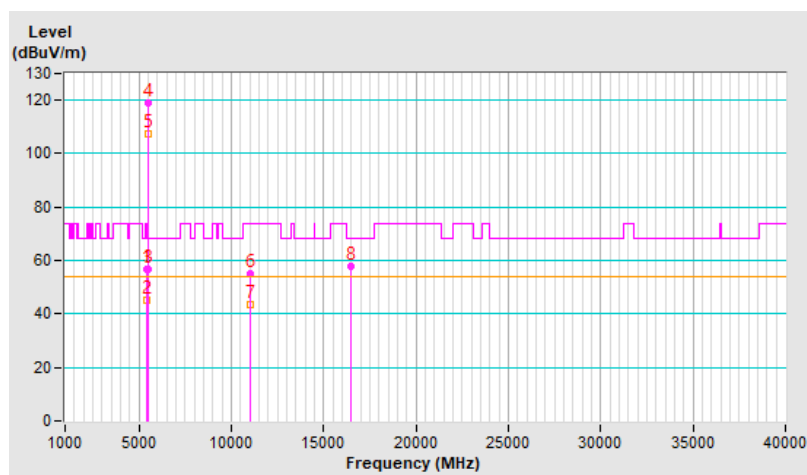


RF Mode	802.11be (EHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.9 PK	74.0	-17.1	1.71 V	212	50.9	6.0
2	5460.00	45.2 AV	54.0	-8.8	1.71 V	212	39.2	6.0
3	#5470.00	56.9 PK	68.2	-11.3	1.71 V	212	50.9	6.0
4	*5500.00	118.8 PK			1.71 V	212	112.8	6.0
5	*5500.00	107.4 AV			1.71 V	212	101.4	6.0
6	11000.00	55.1 PK	74.0	-18.9	1.51 V	159	38.2	16.9
7	11000.00	43.6 AV	54.0	-10.4	1.51 V	159	26.7	16.9
8	#16500.00	57.9 PK	68.2	-10.3	1.65 V	217	38.3	19.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

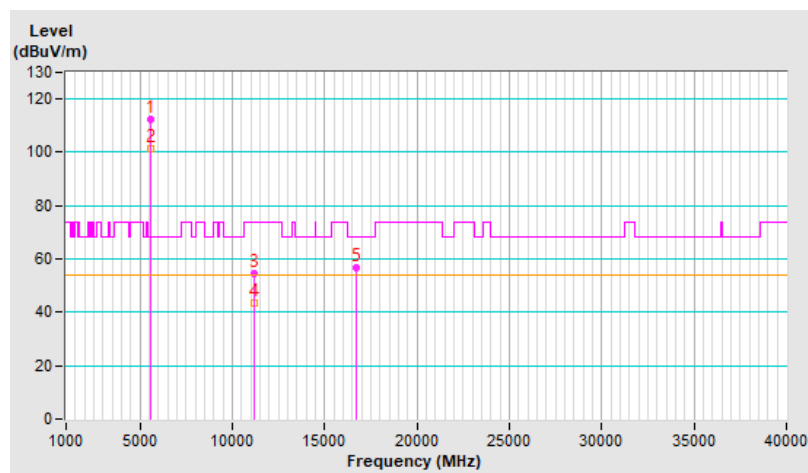


RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	112.6 PK			1.88 H	104	106.7	5.9
2	*5580.00	101.4 AV			1.88 H	104	95.5	5.9
3	11160.00	54.6 PK	74.0	-19.4	1.54 H	199	38.0	16.6
4	11160.00	43.6 AV	54.0	-10.4	1.54 H	199	27.0	16.6
5	#16740.00	56.6 PK	68.2	-11.6	1.76 H	230	35.3	21.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

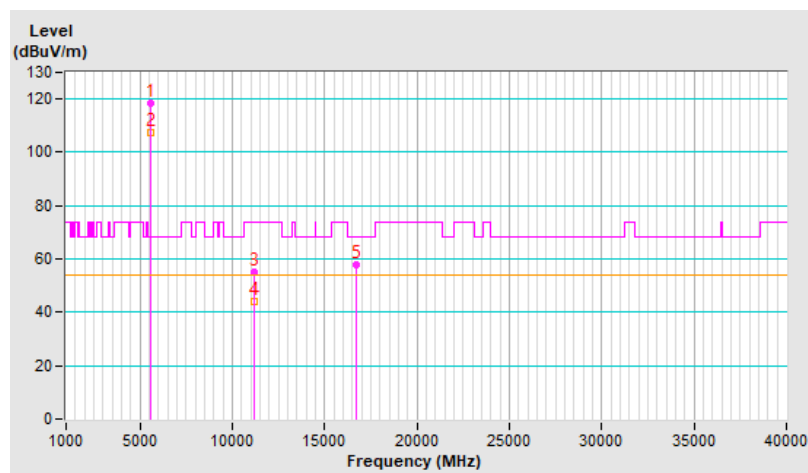


RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	118.2 PK			1.85 V	221	112.3	5.9
2	*5580.00	107.5 AV			1.85 V	221	101.6	5.9
3	11160.00	55.3 PK	74.0	-18.7	1.52 V	170	38.7	16.6
4	11160.00	43.9 AV	54.0	-10.1	1.52 V	170	27.3	16.6
5	#16740.00	57.9 PK	68.2	-10.3	1.70 V	210	36.6	21.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

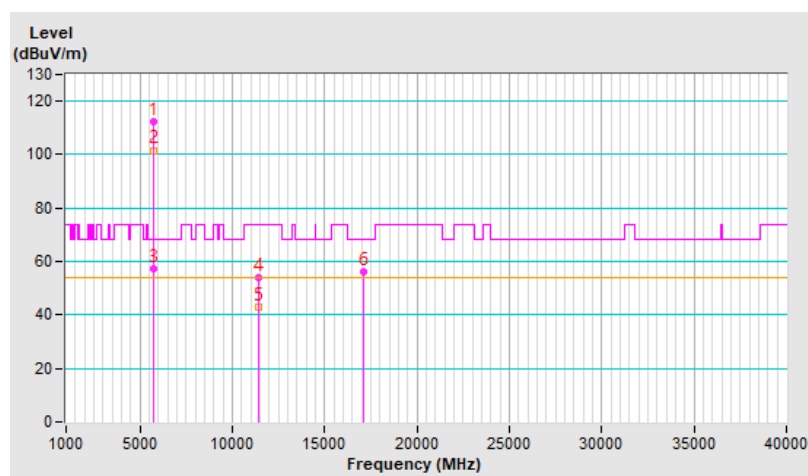


RF Mode	802.11be (EHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	112.5 PK			1.89 H	86	106.4	6.1
2	*5700.00	101.6 AV			1.89 H	86	95.5	6.1
3	#5725.00	57.3 PK	68.2	-10.9	1.89 H	86	51.1	6.2
4	11400.00	54.1 PK	74.0	-19.9	1.55 H	206	37.2	16.9
5	11400.00	43.1 AV	54.0	-10.9	1.55 H	206	26.2	16.9
6	#17100.00	56.3 PK	68.2	-11.9	1.76 H	233	36.1	20.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

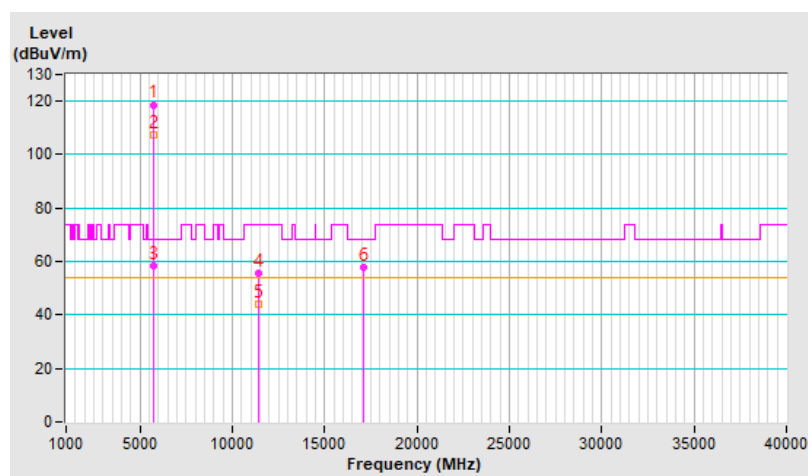


RF Mode	802.11be (EHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	118.7 PK			1.84 V	216	112.6	6.1
2	*5700.00	107.3 AV			1.84 V	216	101.2	6.1
3	#5725.00	58.2 PK	68.2	-10.0	1.84 V	216	52.0	6.2
4	11400.00	55.8 PK	74.0	-18.2	1.56 V	170	38.9	16.9
5	11400.00	44.2 AV	54.0	-9.8	1.56 V	170	27.3	16.9
6	#17100.00	57.7 PK	68.2	-10.5	1.69 V	219	37.5	20.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

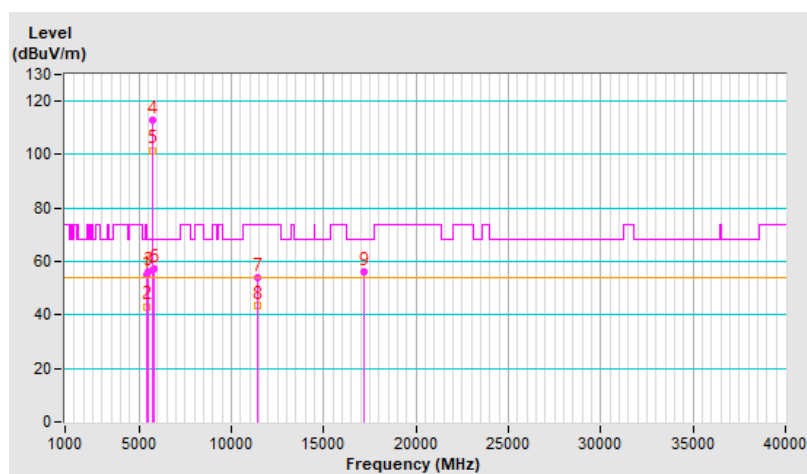


RF Mode	802.11be (EHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.2 PK	74.0	-18.8	1.85 H	102	49.2	6.0
2	5460.00	43.2 AV	54.0	-10.8	1.85 H	102	37.2	6.0
3	#5470.00	56.3 PK	68.2	-11.9	1.85 H	102	50.3	6.0
4	*5720.00	112.7 PK			1.85 H	102	106.5	6.2
5	*5720.00	101.6 AV			1.85 H	102	95.4	6.2
6	#5850.00	57.2 PK	68.2	-11.0	1.85 H	102	50.6	6.6
7	11440.00	54.1 PK	74.0	-19.9	1.54 H	215	37.2	16.9
8	11440.00	43.3 AV	54.0	-10.7	1.54 H	215	26.4	16.9
9	#17160.00	56.4 PK	68.2	-11.8	1.72 H	236	36.4	20.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

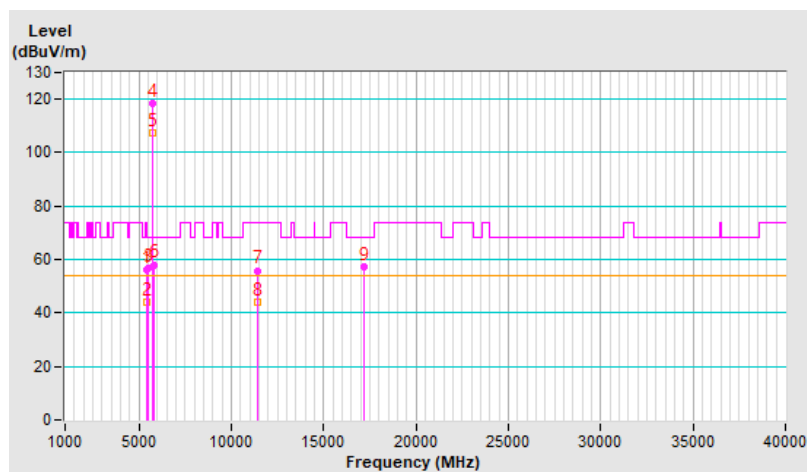


RF Mode	802.11be (EHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.2 PK	74.0	-17.8	1.85 V	215	50.2	6.0
2	5460.00	44.3 AV	54.0	-9.7	1.85 V	215	38.3	6.0
3	#5470.00	56.8 PK	68.2	-11.4	1.85 V	215	50.8	6.0
4	*5720.00	118.2 PK			1.85 V	215	112.0	6.2
5	*5720.00	107.5 AV			1.85 V	215	101.3	6.2
6	#5850.00	58.1 PK	68.2	-10.1	1.85 V	215	51.5	6.6
7	11440.00	55.9 PK	74.0	-18.1	1.55 V	184	39.0	16.9
8	11440.00	44.3 AV	54.0	-9.7	1.55 V	184	27.4	16.9
9	#17160.00	57.3 PK	68.2	-10.9	1.72 V	225	37.3	20.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

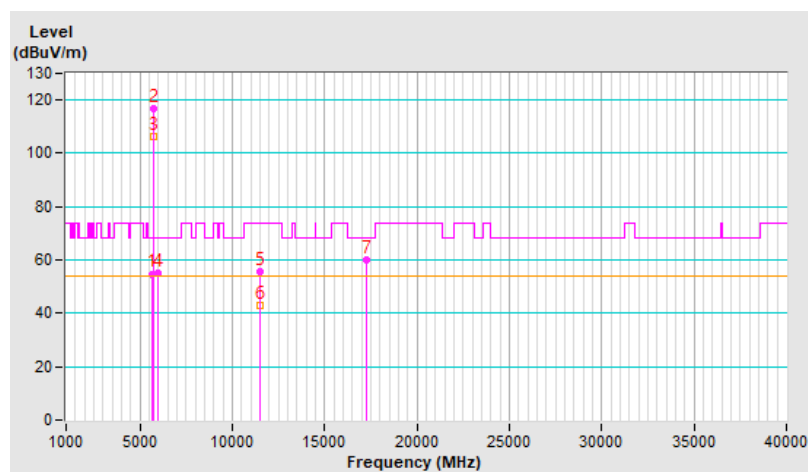


RF Mode	802.11be (EHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.78	54.8 PK	68.2	-13.4	2.39 H	102	48.8	6.0
2	*5745.00	117.0 PK			2.39 H	102	110.6	6.4
3	*5745.00	106.2 AV			2.39 H	102	99.8	6.4
4	#5952.49	55.2 PK	68.2	-13.0	2.39 H	102	48.8	6.4
5	11490.00	55.8 PK	74.0	-18.2	1.53 H	205	38.9	16.9
6	11490.00	43.0 AV	54.0	-11.0	1.53 H	205	26.1	16.9
7	#17235.00	60.2 PK	68.2	-8.0	1.79 H	235	40.1	20.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

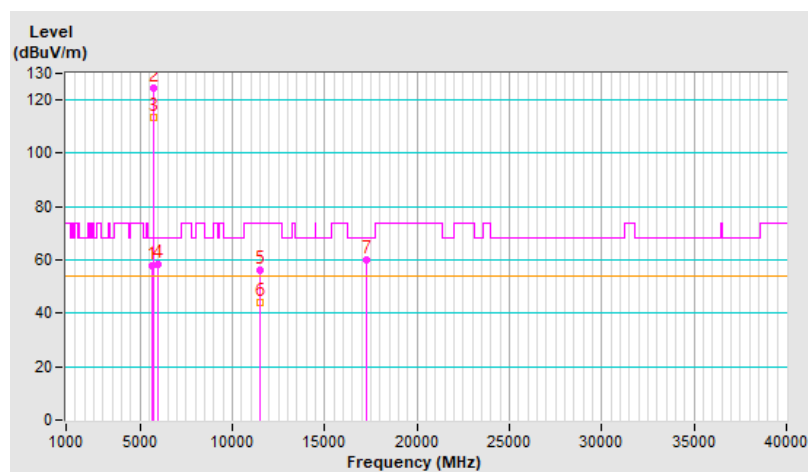


RF Mode	802.11be (EHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.03	57.6 PK	68.2	-10.6	1.75 V	220	51.7	5.9
2	*5745.00	124.5 PK			1.75 V	220	118.1	6.4
3	*5745.00	113.6 AV			1.75 V	220	107.2	6.4
4	#5948.44	58.4 PK	68.2	-9.8	1.75 V	220	52.0	6.4
5	11490.00	56.3 PK	74.0	-17.7	1.59 V	180	39.4	16.9
6	11490.00	43.8 AV	54.0	-10.2	1.59 V	180	26.9	16.9
7	#17235.00	60.2 PK	68.2	-8.0	1.62 V	223	40.1	20.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

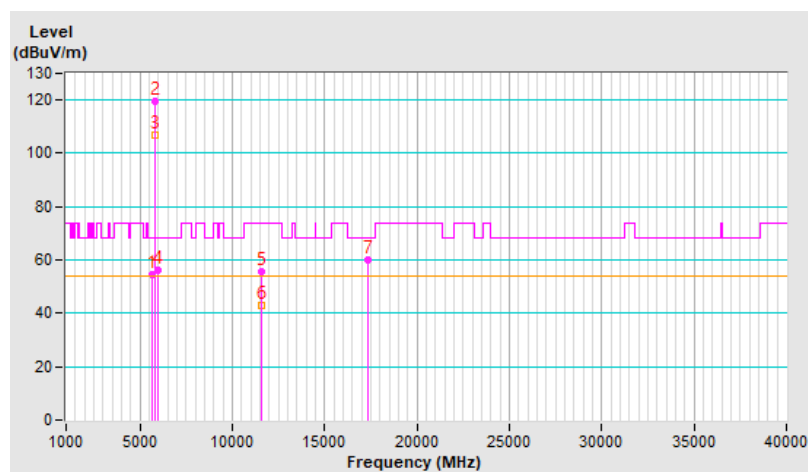


RF Mode	802.11be (EHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5630.80	54.7 PK	68.2	-13.5	2.60 H	98	48.8	5.9
2	*5785.00	119.7 PK			2.60 H	98	113.2	6.5
3	*5785.00	106.8 AV			2.60 H	98	100.3	6.5
4	#5979.61	56.2 PK	68.2	-12.0	2.60 H	98	49.7	6.5
5	11570.00	55.7 PK	74.0	-18.3	1.61 H	183	38.7	17.0
6	11570.00	42.9 AV	54.0	-11.1	1.61 H	183	25.9	17.0
7	#17355.00	59.9 PK	68.2	-8.3	1.84 H	212	38.8	21.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

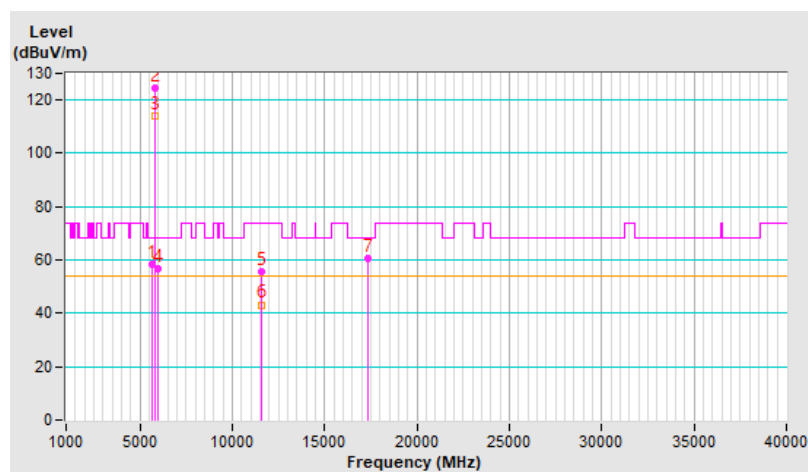


RF Mode	802.11be (EHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.70	58.3 PK	68.2	-9.9	1.70 V	213	52.4	5.9
2	*5785.00	124.6 PK			1.70 V	213	118.1	6.5
3	*5785.00	113.9 AV			1.70 V	213	107.4	6.5
4	#5945.59	56.8 PK	68.2	-11.4	1.70 V	213	50.4	6.4
5	11570.00	55.5 PK	74.0	-18.5	1.60 V	171	38.5	17.0
6	11570.00	43.2 AV	54.0	-10.8	1.60 V	171	26.2	17.0
7	#17355.00	60.4 PK	68.2	-7.8	1.64 V	205	39.3	21.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

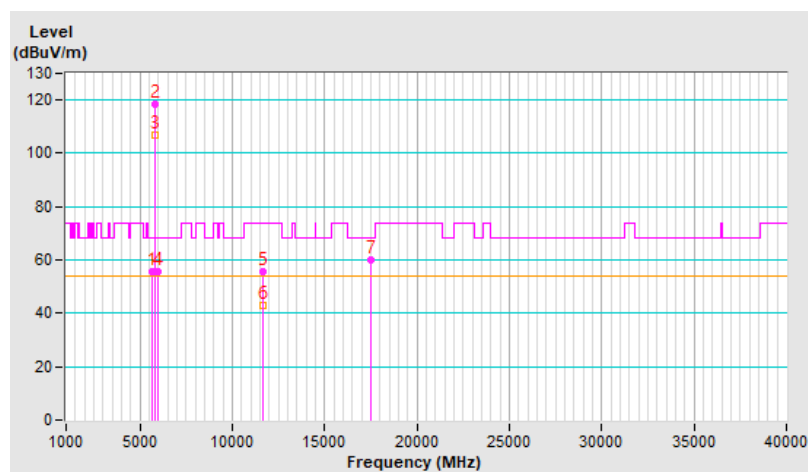


RF Mode	802.11be (EHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5639.42	55.7 PK	68.2	-12.5	2.59 H	95	49.7	6.0
2	*5825.00	118.3 PK			2.59 H	95	111.7	6.6
3	*5825.00	106.7 AV			2.59 H	95	100.1	6.6
4	#5961.29	55.8 PK	68.2	-12.4	2.59 H	95	49.3	6.5
5	11650.00	55.8 PK	74.0	-18.2	1.56 H	190	38.9	16.9
6	11650.00	43.1 AV	54.0	-10.9	1.56 H	190	26.2	16.9
7	#17475.00	59.8 PK	68.2	-8.4	1.80 H	223	37.4	22.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

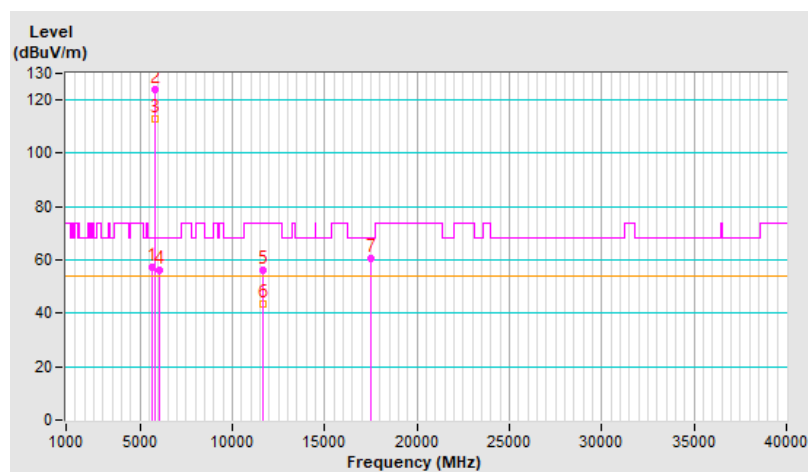


RF Mode	802.11be (EHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.32	57.4 PK	68.2	-10.8	1.49 V	226	51.5	5.9
2	*5825.00	124.1 PK			1.49 V	226	117.5	6.6
3	*5825.00	113.0 AV			1.49 V	226	106.4	6.6
4	#6018.04	56.2 PK	68.2	-12.0	1.49 V	226	49.7	6.5
5	11650.00	56.0 PK	74.0	-18.0	1.56 V	170	39.1	16.9
6	11650.00	43.5 AV	54.0	-10.5	1.56 V	170	26.6	16.9
7	#17475.00	60.4 PK	68.2	-7.8	1.67 V	215	38.0	22.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

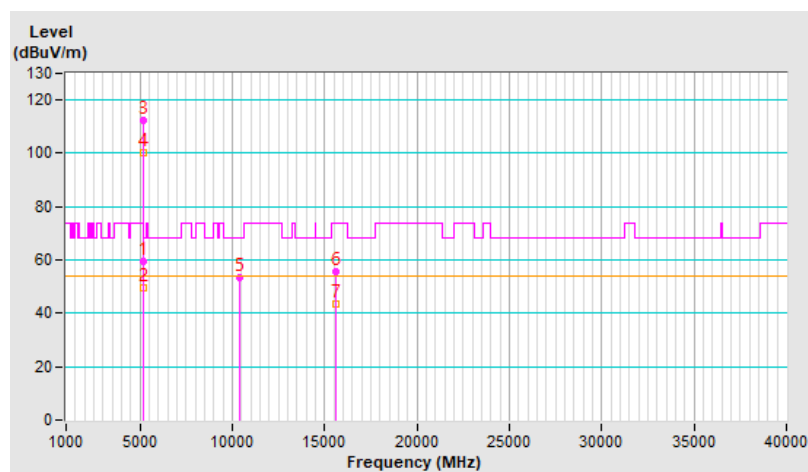


RF Mode	802.11be (EHT40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.6 PK	74.0	-14.4	1.00 H	92	53.6	6.0
2	5150.00	49.6 AV	54.0	-4.4	1.00 H	92	43.6	6.0
3	*5190.00	112.4 PK			1.00 H	92	106.6	5.8
4	*5190.00	100.2 AV			1.00 H	92	94.4	5.8
5	#10380.00	53.2 PK	68.2	-15.0	1.48 H	185	37.2	16.0
6	15570.00	55.5 PK	74.0	-18.5	1.79 H	212	38.6	16.9
7	15570.00	43.5 AV	54.0	-10.5	1.79 H	212	26.6	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

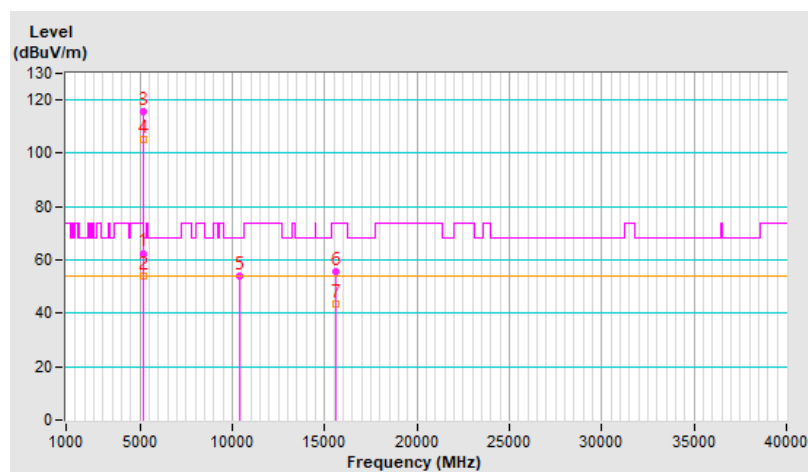


RF Mode	802.11be (EHT40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.5 PK	74.0	-11.5	1.77 V	204	56.5	6.0
2	5150.00	53.8 AV	54.0	-0.2	1.77 V	204	47.8	6.0
3	*5190.00	115.7 PK			1.77 V	204	109.9	5.8
4	*5190.00	105.4 AV			1.77 V	204	99.6	5.8
5	#10380.00	54.1 PK	68.2	-14.1	1.48 V	170	38.1	16.0
6	15570.00	55.5 PK	74.0	-18.5	1.66 V	217	38.6	16.9
7	15570.00	43.4 AV	54.0	-10.6	1.66 V	217	26.5	16.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

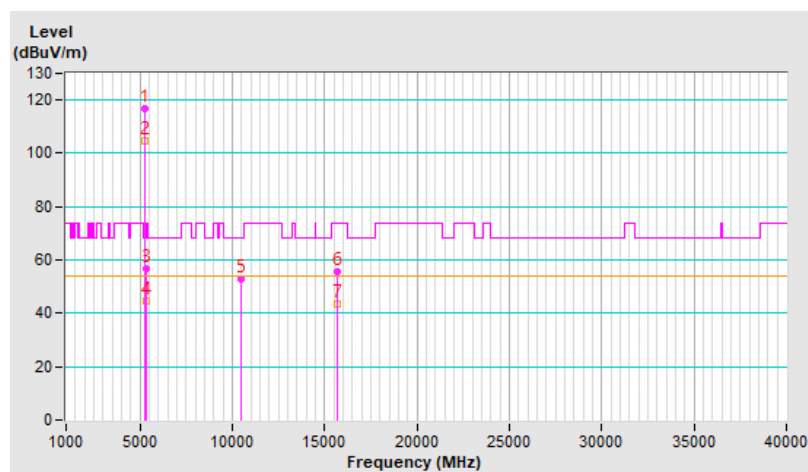


RF Mode	802.11be (EHT40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5230.00	117.0 PK			1.02 H	87	111.4	5.6
2	*5230.00	104.7 AV			1.02 H	87	99.1	5.6
3	5350.00	56.9 PK	74.0	-17.1	1.02 H	87	51.0	5.9
4	5350.00	44.4 AV	54.0	-9.6	1.02 H	87	38.5	5.9
5	#10460.00	52.8 PK	68.2	-15.4	1.46 H	173	36.8	16.0
6	15690.00	55.6 PK	74.0	-18.4	1.74 H	215	38.4	17.2
7	15690.00	43.4 AV	54.0	-10.6	1.74 H	215	26.2	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

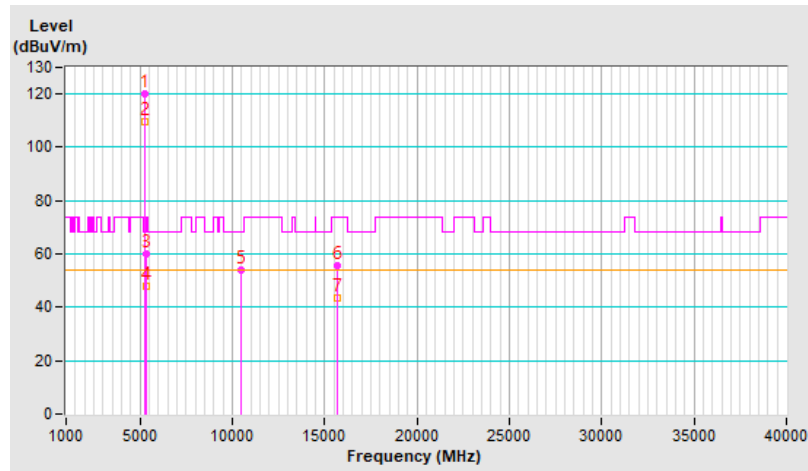


RF Mode	802.11be (EHT40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5230.00	119.9 PK			1.83 V	208	114.3	5.6
2	*5230.00	109.6 AV			1.83 V	208	104.0	5.6
3	5350.00	59.8 PK	74.0	-14.2	1.83 V	208	53.9	5.9
4	5350.00	47.9 AV	54.0	-6.1	1.83 V	208	42.0	5.9
5	#10460.00	54.1 PK	68.2	-14.1	1.46 V	168	38.1	16.0
6	15690.00	55.6 PK	74.0	-18.4	1.68 V	212	38.4	17.2
7	15690.00	43.5 AV	54.0	-10.5	1.68 V	212	26.3	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

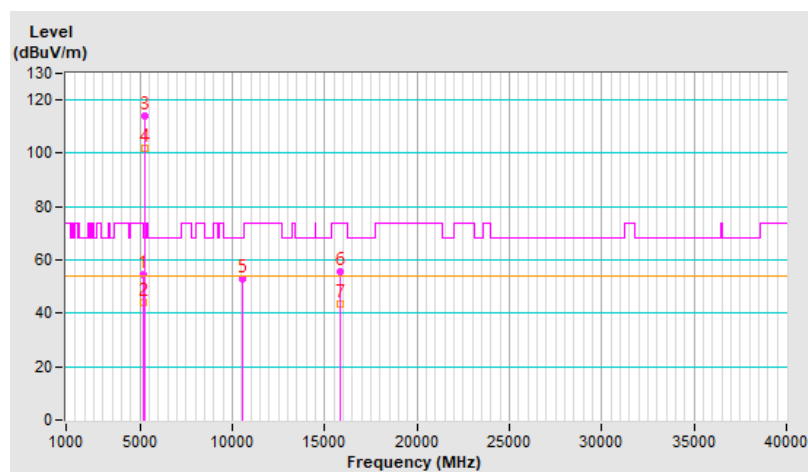


RF Mode	802.11be (EHT40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.6 PK	74.0	-19.4	1.03 H	88	48.6	6.0
2	5150.00	43.9 AV	54.0	-10.1	1.03 H	88	37.9	6.0
3	*5270.00	113.8 PK			1.03 H	88	108.3	5.5
4	*5270.00	102.0 AV			1.03 H	88	96.5	5.5
5	#10540.00	52.7 PK	68.2	-15.5	1.44 H	178	36.6	16.1
6	15810.00	55.4 PK	74.0	-18.6	1.67 H	225	38.3	17.1
7	15810.00	43.5 AV	54.0	-10.5	1.67 H	225	26.4	17.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

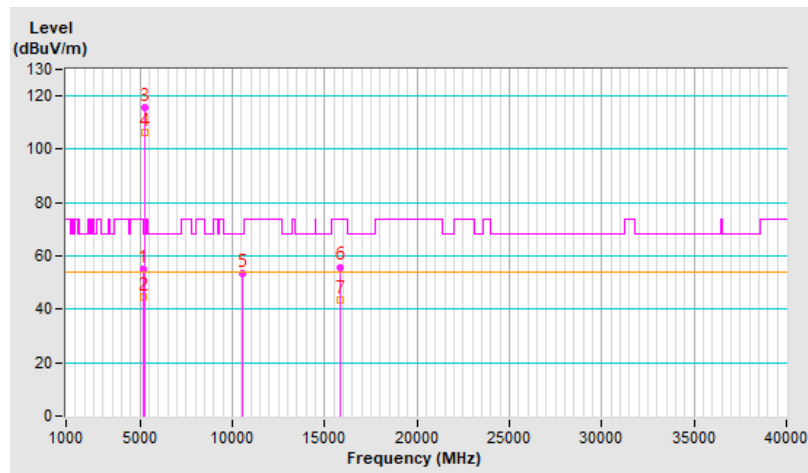


RF Mode	802.11be (EHT40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.9 PK	74.0	-19.1	2.00 V	212	48.9	6.0
2	5150.00	44.5 AV	54.0	-9.5	2.00 V	212	38.5	6.0
3	*5270.00	115.5 PK			2.00 V	212	110.0	5.5
4	*5270.00	106.1 AV			2.00 V	212	100.6	5.5
5	#10540.00	53.4 PK	68.2	-14.8	1.51 V	152	37.3	16.1
6	15810.00	55.9 PK	74.0	-18.1	1.69 V	191	38.8	17.1
7	15810.00	43.6 AV	54.0	-10.4	1.69 V	191	26.5	17.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

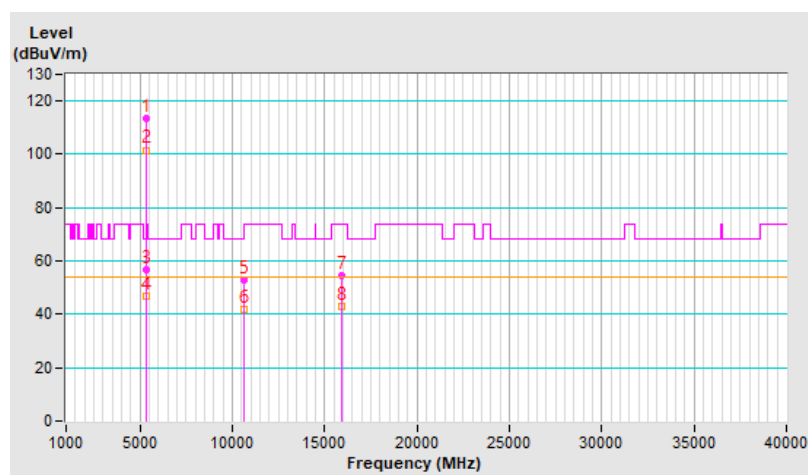


RF Mode	802.11be (EHT40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	113.6 PK			1.03 H	88	108.1	5.5
2	*5310.00	101.6 AV			1.03 H	88	96.1	5.5
3	5350.00	56.8 PK	74.0	-17.2	1.03 H	88	50.9	5.9
4	5350.00	46.8 AV	54.0	-7.2	1.03 H	88	40.9	5.9
5	10620.00	52.7 PK	74.0	-21.3	1.55 H	199	36.3	16.4
6	10620.00	41.9 AV	54.0	-12.1	1.55 H	199	25.5	16.4
7	15930.00	54.6 PK	74.0	-19.4	1.68 H	209	37.3	17.3
8	15930.00	42.7 AV	54.0	-11.3	1.68 H	209	25.4	17.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

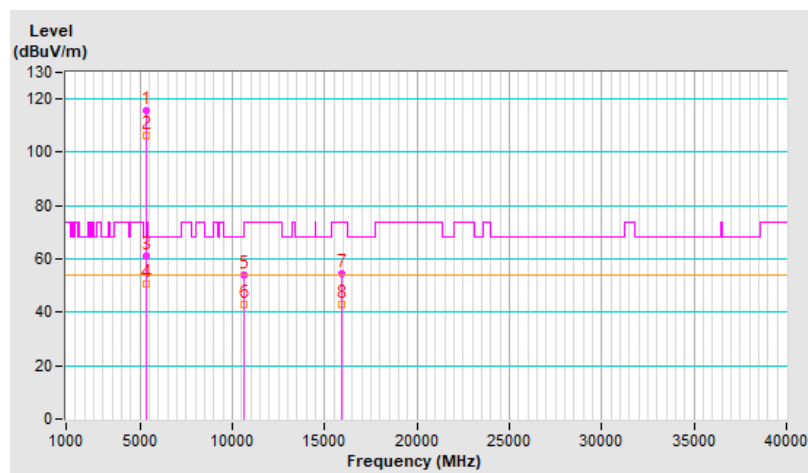


RF Mode	802.11be (EHT40)	Channel	CH 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	115.8 PK			1.88 V	212	110.3	5.5
2	*5310.00	106.2 AV			1.88 V	212	100.7	5.5
3	5350.00	60.9 PK	74.0	-13.1	1.88 V	212	55.0	5.9
4	5350.00	50.9 AV	54.0	-3.1	1.88 V	212	45.0	5.9
5	10620.00	53.8 PK	74.0	-20.2	1.51 V	177	37.4	16.4
6	10620.00	42.8 AV	54.0	-11.2	1.51 V	177	26.4	16.4
7	15930.00	54.7 PK	74.0	-19.3	1.67 V	200	37.4	17.3
8	15930.00	42.9 AV	54.0	-11.1	1.67 V	200	25.6	17.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

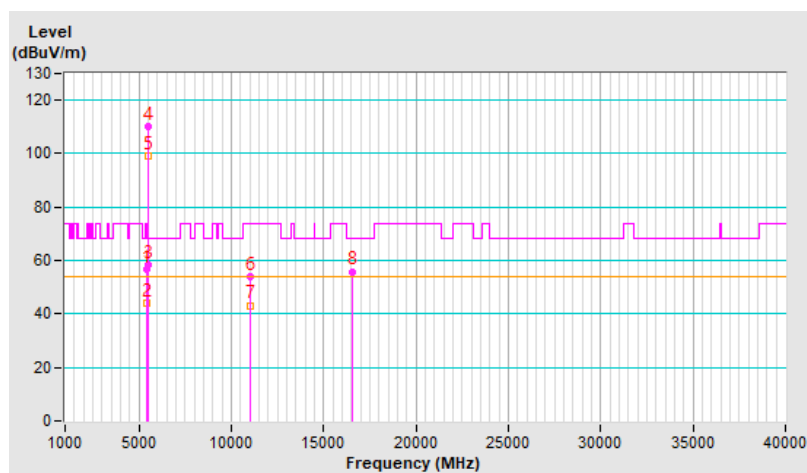


RF Mode	802.11be (EHT40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.5 PK	74.0	-17.5	1.89 H	105	50.5	6.0
2	5460.00	44.0 AV	54.0	-10.0	1.89 H	105	38.0	6.0
3	#5470.00	58.6 PK	68.2	-9.6	1.89 H	105	52.6	6.0
4	*5510.00	110.2 PK			1.89 H	105	104.2	6.0
5	*5510.00	99.3 AV			1.89 H	105	93.3	6.0
6	11020.00	53.8 PK	74.0	-20.2	1.54 H	207	36.8	17.0
7	11020.00	43.2 AV	54.0	-10.8	1.54 H	207	26.2	17.0
8	#16530.00	55.9 PK	68.2	-12.3	1.75 H	259	36.0	19.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

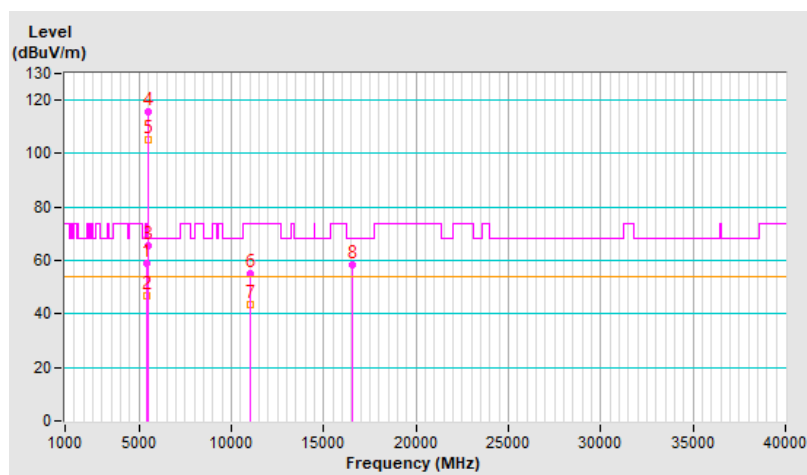


RF Mode	802.11be (EHT40)	Channel	CH 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.9 PK	74.0	-15.1	1.73 V	209	52.9	6.0
2	5460.00	46.9 AV	54.0	-7.1	1.73 V	209	40.9	6.0
3	#5470.00	65.6 PK	68.2	-2.6	1.73 V	209	59.6	6.0
4	*5510.00	115.7 PK			1.73 V	209	109.7	6.0
5	*5510.00	105.2 AV			1.73 V	209	99.2	6.0
6	11020.00	55.1 PK	74.0	-18.9	1.46 V	181	38.1	17.0
7	11020.00	43.7 AV	54.0	-10.3	1.46 V	181	26.7	17.0
8	#16530.00	58.4 PK	68.2	-9.8	1.70 V	197	38.5	19.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

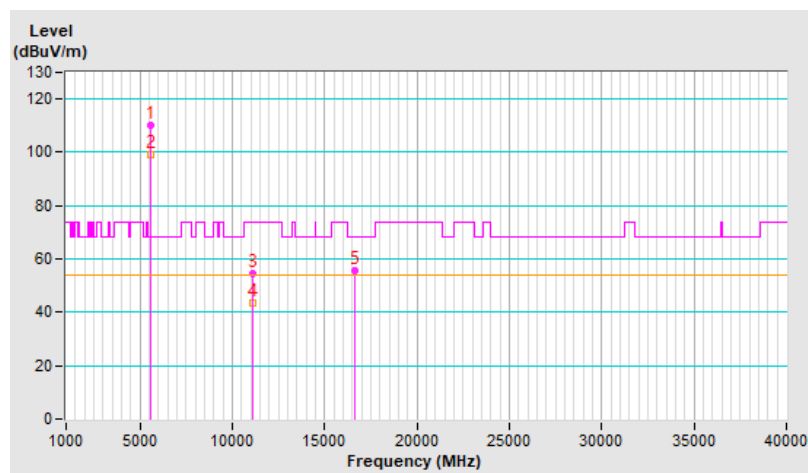


RF Mode	802.11be (EHT40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	110.3 PK			2.01 H	87	104.4	5.9
2	*5550.00	98.9 AV			2.01 H	87	93.0	5.9
3	11100.00	54.4 PK	74.0	-19.6	1.46 H	192	37.4	17.0
4	11100.00	43.4 AV	54.0	-10.6	1.46 H	192	26.4	17.0
5	#16650.00	55.8 PK	68.2	-12.4	1.80 H	235	34.8	21.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

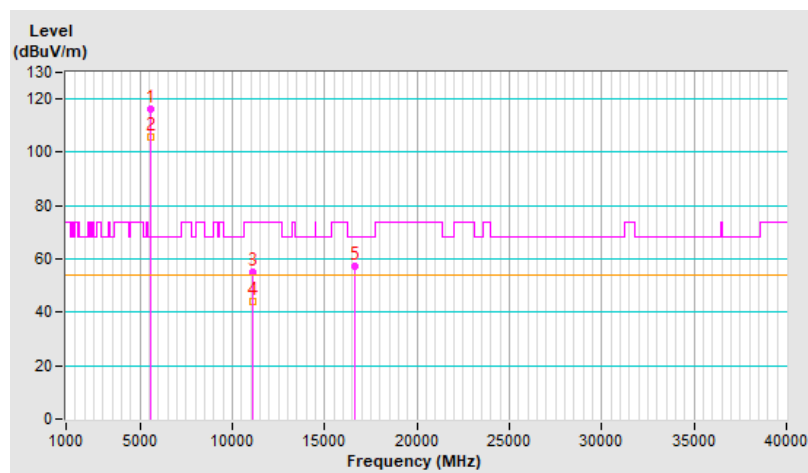


RF Mode	802.11be (EHT40)	Channel	CH 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	116.0 PK			1.78 V	220	110.1	5.9
2	*5550.00	105.6 AV			1.78 V	220	99.7	5.9
3	11100.00	55.3 PK	74.0	-18.7	1.53 V	176	38.3	17.0
4	11100.00	44.1 AV	54.0	-9.9	1.53 V	176	27.1	17.0
5	#16650.00	57.4 PK	68.2	-10.8	1.64 V	223	36.4	21.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

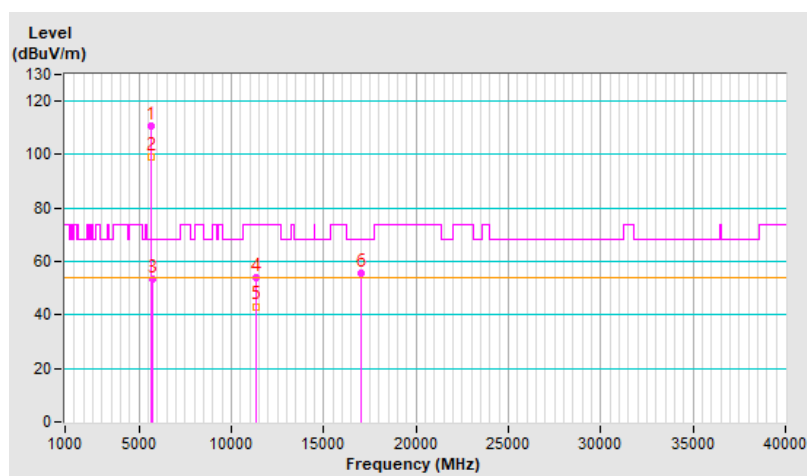


RF Mode	802.11be (EHT40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	110.5 PK			1.01 H	88	104.5	6.0
2	*5670.00	99.1 AV			1.01 H	88	93.1	6.0
3	#5725.00	53.6 PK	68.2	-14.6	1.01 H	88	47.4	6.2
4	11340.00	54.1 PK	74.0	-19.9	1.56 H	208	37.1	17.0
5	11340.00	43.2 AV	54.0	-10.8	1.56 H	208	26.2	17.0
6	#17010.00	55.7 PK	68.2	-12.5	1.79 H	233	34.9	20.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

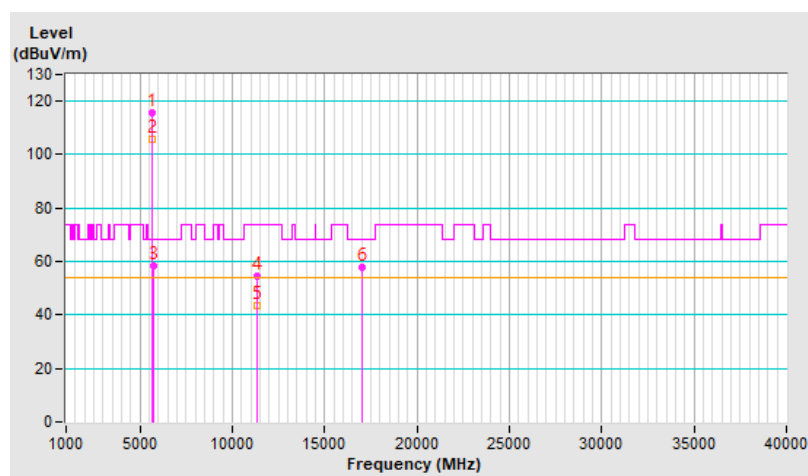


RF Mode	802.11be (EHT40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	115.8 PK			1.70 V	194	109.8	6.0
2	*5670.00	105.5 AV			1.70 V	194	99.5	6.0
3	#5725.00	58.4 PK	68.2	-9.8	1.70 V	194	52.2	6.2
4	11340.00	54.6 PK	74.0	-19.4	1.49 V	173	37.6	17.0
5	11340.00	43.4 AV	54.0	-10.6	1.49 V	173	26.4	17.0
6	#17010.00	57.6 PK	68.2	-10.6	1.75 V	207	36.8	20.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

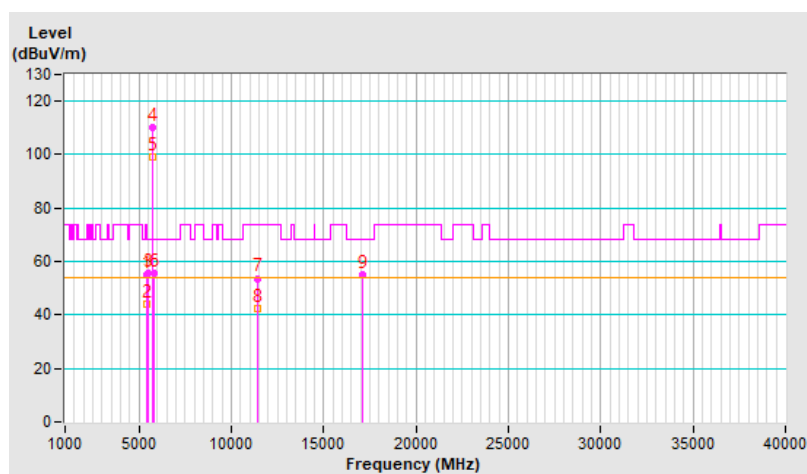


RF Mode	802.11be (EHT40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.3 PK	74.0	-18.7	1.05 H	86	49.3	6.0
2	5460.00	43.9 AV	54.0	-10.1	1.05 H	86	37.9	6.0
3	#5470.00	55.5 PK	68.2	-12.7	1.05 H	86	49.5	6.0
4	*5710.00	110.4 PK			1.05 H	86	104.2	6.2
5	*5710.00	99.3 AV			1.05 H	86	93.1	6.2
6	#5850.00	55.7 PK	68.2	-12.5	1.05 H	86	49.1	6.6
7	11420.00	53.7 PK	74.0	-20.3	1.49 H	219	36.8	16.9
8	11420.00	42.6 AV	54.0	-11.4	1.49 H	219	25.7	16.9
9	#17130.00	55.2 PK	68.2	-13.0	1.80 H	246	35.1	20.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

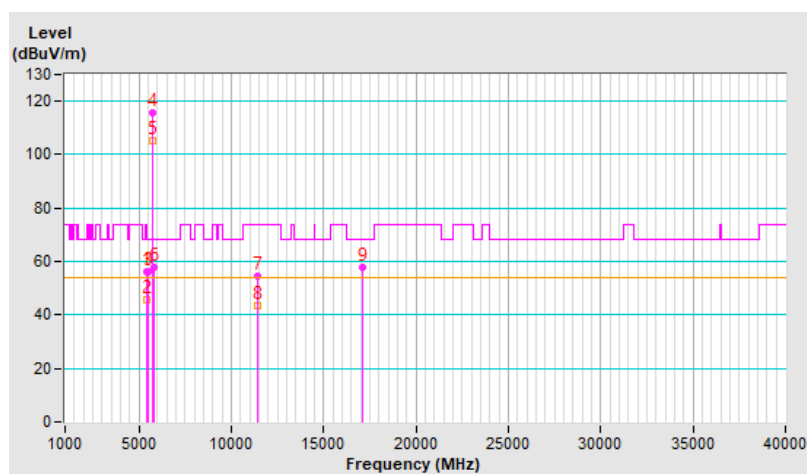


RF Mode	802.11be (EHT40)	Channel	CH 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.4 PK	74.0	-17.6	1.69 V	222	50.4	6.0
2	5460.00	45.5 AV	54.0	-8.5	1.69 V	222	39.5	6.0
3	#5470.00	56.2 PK	68.2	-12.0	1.69 V	222	50.2	6.0
4	*5710.00	115.5 PK			1.69 V	222	109.3	6.2
5	*5710.00	105.2 AV			1.69 V	222	99.0	6.2
6	#5850.00	57.6 PK	68.2	-10.6	1.69 V	222	51.0	6.6
7	11420.00	54.7 PK	74.0	-19.3	1.54 V	165	37.8	16.9
8	11420.00	43.5 AV	54.0	-10.5	1.54 V	165	26.6	16.9
9	#17130.00	57.7 PK	68.2	-10.5	1.73 V	206	37.6	20.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

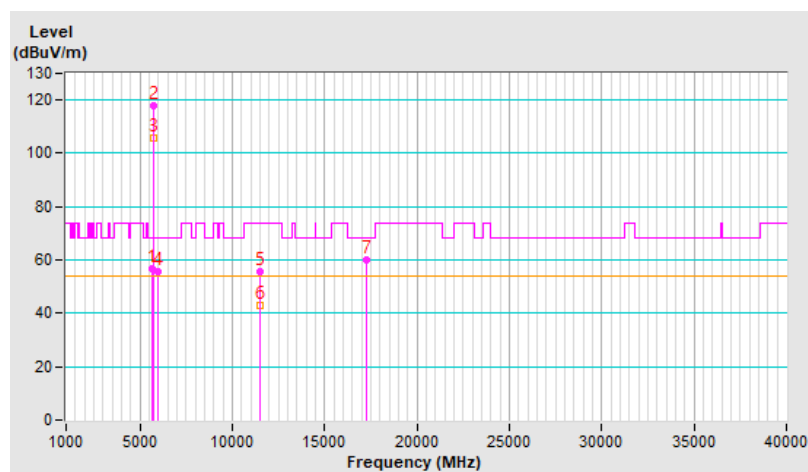


RF Mode	802.11be (EHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.95	56.9 PK	68.2	-11.3	1.01 H	88	50.9	6.0
2	*5755.00	117.8 PK			1.01 H	88	111.4	6.4
3	*5755.00	105.6 AV			1.01 H	88	99.2	6.4
4	#5972.69	55.5 PK	68.2	-12.7	1.01 H	88	49.0	6.5
5	11510.00	55.6 PK	74.0	-18.4	1.52 H	200	38.7	16.9
6	11510.00	43.1 AV	54.0	-10.9	1.52 H	200	26.2	16.9
7	#17265.00	59.8 PK	68.2	-8.4	1.76 H	237	39.5	20.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

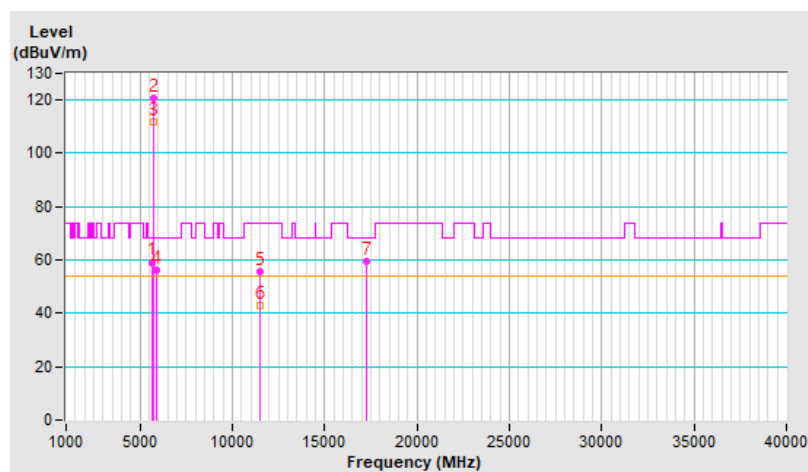


RF Mode	802.11be (EHT40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5619.23	59.2 PK	68.2	-9.0	1.89 V	220	53.3	5.9
2	*5755.00	120.8 PK			1.89 V	220	114.4	6.4
3	*5755.00	111.7 AV			1.89 V	220	105.3	6.4
4	#5928.43	56.0 PK	68.2	-12.2	1.89 V	220	49.6	6.4
5	11510.00	55.8 PK	74.0	-18.2	1.58 V	171	38.9	16.9
6	11510.00	43.1 AV	54.0	-10.9	1.58 V	171	26.2	16.9
7	#17265.00	59.6 PK	68.2	-8.6	1.67 V	225	39.3	20.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

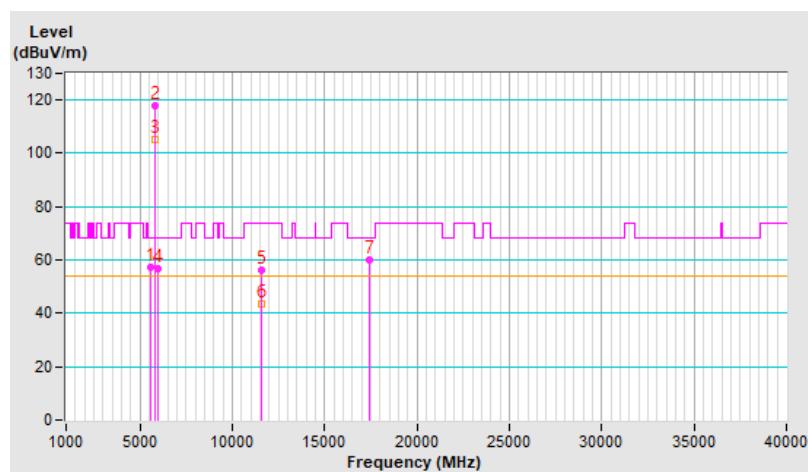


RF Mode	802.11be (EHT40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5601.29	57.1 PK	68.2	-11.1	1.01 H	89	51.2	5.9
2	*5795.00	117.7 PK			1.01 H	89	111.1	6.6
3	*5795.00	105.4 AV			1.01 H	89	98.8	6.6
4	#5993.29	56.6 PK	68.2	-11.6	1.01 H	89	50.1	6.5
5	11590.00	56.3 PK	74.0	-17.7	1.59 H	198	39.4	16.9
6	11590.00	43.3 AV	54.0	-10.7	1.59 H	198	26.4	16.9
7	#17385.00	59.8 PK	68.2	-8.4	1.83 H	213	38.3	21.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

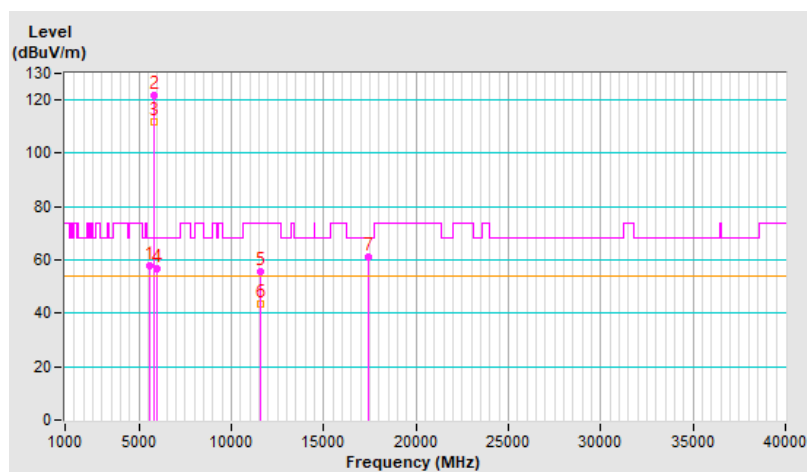


RF Mode	802.11be (EHT40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5609.07	58.0 PK	68.2	-10.2	1.90 V	220	52.1	5.9
2	*5795.00	121.5 PK			1.90 V	220	114.9	6.6
3	*5795.00	111.7 AV			1.90 V	220	105.1	6.6
4	#5937.29	56.6 PK	68.2	-11.6	1.90 V	220	50.2	6.4
5	11590.00	55.7 PK	74.0	-18.3	1.58 V	182	38.8	16.9
6	11590.00	43.5 AV	54.0	-10.5	1.58 V	182	26.6	16.9
7	#17385.00	61.0 PK	68.2	-7.2	1.64 V	211	39.5	21.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

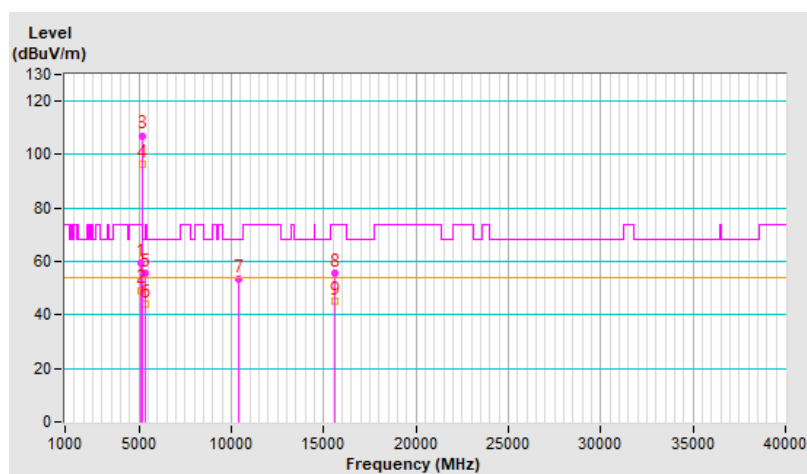


RF Mode	802.11be (EHT80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5136.65	59.5 PK	74.0	-14.5	1.00 H	92	53.5	6.0
2	5136.65	49.3 AV	54.0	-4.7	1.00 H	92	43.3	6.0
3	*5210.00	107.1 PK			1.00 H	92	101.4	5.7
4	*5210.00	96.5 AV			1.00 H	92	90.8	5.7
5	5350.00	55.5 PK	74.0	-18.5	1.00 H	92	49.6	5.9
6	5350.00	44.1 AV	54.0	-9.9	1.00 H	92	38.2	5.9
7	#10420.00	53.6 PK	68.2	-14.6	1.55 H	191	37.5	16.1
8	15630.00	55.7 PK	74.0	-18.3	1.82 H	239	38.7	17.0
9	15630.00	45.0 AV	54.0	-9.0	1.82 H	239	28.0	17.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

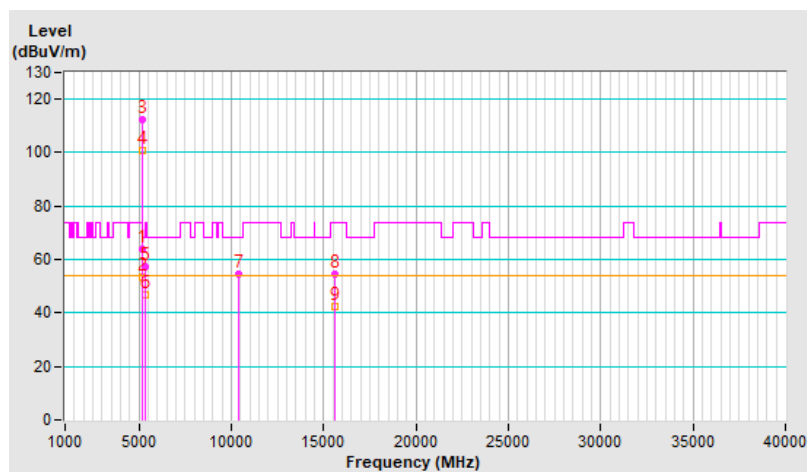


RF Mode	802.11be (EHT80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.9 PK	74.0	-10.1	2.01 V	208	57.9	6.0
2	5150.00	53.5 AV	54.0	-0.5	2.01 V	208	47.5	6.0
3	*5210.00	112.4 PK			2.01 V	208	106.7	5.7
4	*5210.00	101.0 AV			2.01 V	208	95.3	5.7
5	5350.00	57.3 PK	74.0	-16.7	2.01 V	208	51.4	5.9
6	5350.00	46.8 AV	54.0	-7.2	2.01 V	208	40.9	5.9
7	#10420.00	54.3 PK	68.2	-13.9	1.52 V	171	38.2	16.1
8	15630.00	54.4 PK	74.0	-19.6	1.70 V	195	37.4	17.0
9	15630.00	42.6 AV	54.0	-11.4	1.70 V	195	25.6	17.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

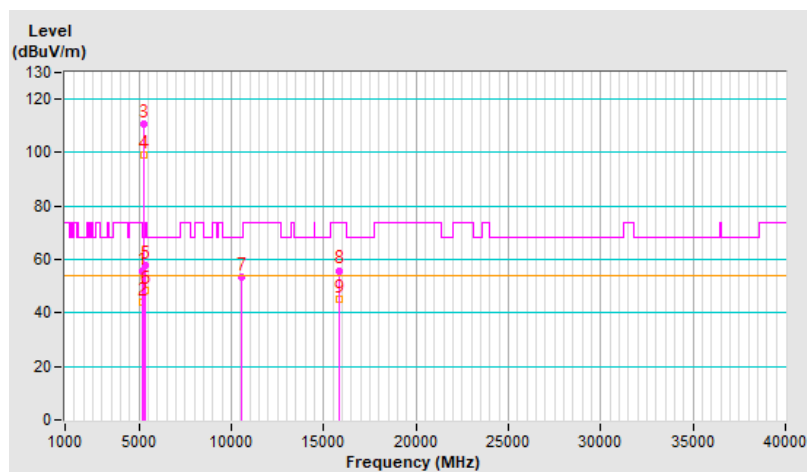


RF Mode	802.11be (EHT80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.4 PK	74.0	-18.6	1.00 H	88	49.4	6.0
2	5150.00	44.2 AV	54.0	-9.8	1.00 H	88	38.2	6.0
3	*5290.00	110.5 PK			1.00 H	88	105.1	5.4
4	*5290.00	98.9 AV			1.00 H	88	93.5	5.4
5	5350.00	58.0 PK	74.0	-16.0	1.00 H	88	52.1	5.9
6	5350.00	48.4 AV	54.0	-5.6	1.00 H	88	42.5	5.9
7	#10580.00	53.6 PK	68.2	-14.6	1.48 H	201	37.3	16.3
8	15870.00	55.9 PK	74.0	-18.1	1.74 H	248	38.6	17.3
9	15870.00	44.9 AV	54.0	-9.1	1.74 H	248	27.6	17.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

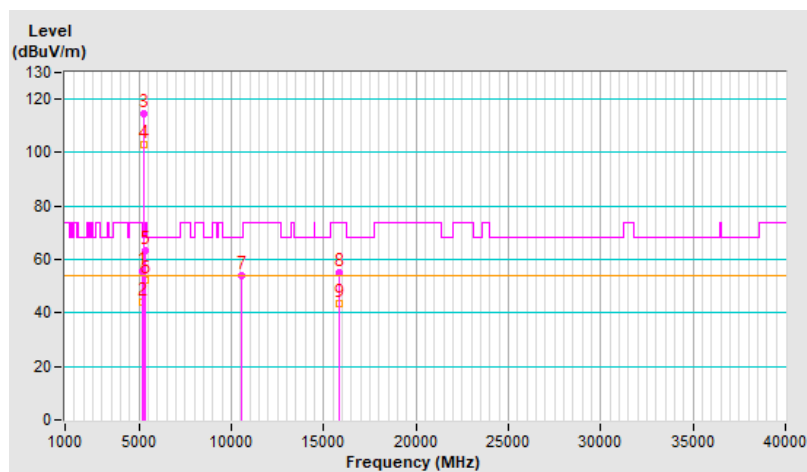


RF Mode	802.11be (EHT80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.5 PK	74.0	-18.5	1.70 V	214	49.5	6.0
2	5150.00	44.2 AV	54.0	-9.8	1.70 V	214	38.2	6.0
3	*5290.00	114.6 PK			1.70 V	214	109.2	5.4
4	*5290.00	103.2 AV			1.70 V	214	97.8	5.4
5	5366.00	63.2 PK	74.0	-10.8	1.70 V	214	57.3	5.9
6	5366.00	52.3 AV	54.0	-1.7	1.70 V	214	46.4	5.9
7	#10580.00	53.9 PK	68.2	-14.3	1.51 V	183	37.6	16.3
8	15870.00	55.3 PK	74.0	-18.7	1.69 V	185	38.0	17.3
9	15870.00	43.4 AV	54.0	-10.6	1.69 V	185	26.1	17.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

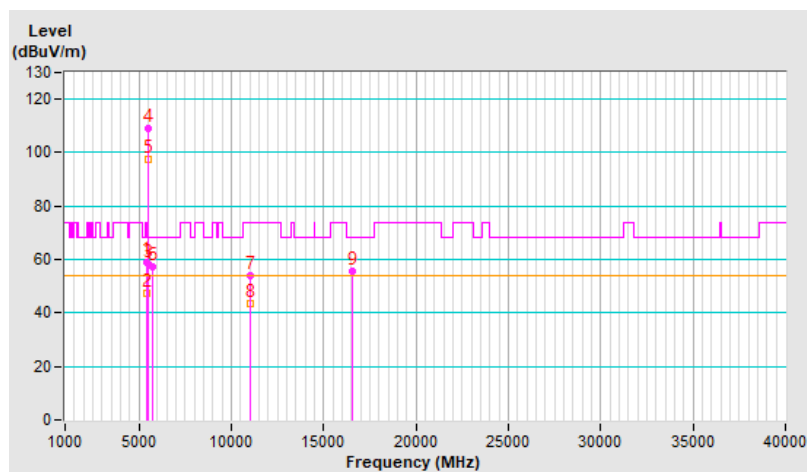


RF Mode	802.11be (EHT80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5452.80	59.2 PK	74.0	-14.8	2.02 H	88	53.2	6.0
2	5452.80	47.4 AV	54.0	-6.6	2.02 H	88	41.4	6.0
3	#5470.00	58.5 PK	68.2	-9.7	2.02 H	88	52.5	6.0
4	*5530.00	109.3 PK			2.02 H	88	103.3	6.0
5	*5530.00	97.5 AV			2.02 H	88	91.5	6.0
6	#5725.00	57.2 PK	68.2	-11.0	2.02 H	88	51.0	6.2
7	11060.00	54.1 PK	74.0	-19.9	1.50 H	210	37.2	16.9
8	11060.00	43.4 AV	54.0	-10.6	1.50 H	210	26.5	16.9
9	#16590.00	55.8 PK	68.2	-12.4	1.85 H	248	35.4	20.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

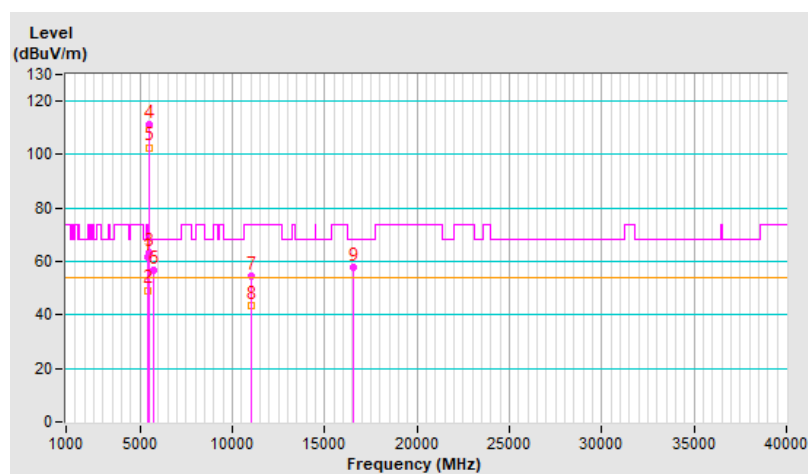


RF Mode	802.11be (EHT80)	Channel	CH 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5448.11	61.8 PK	74.0	-12.2	1.99 V	210	55.7	6.1
2	5448.11	49.3 AV	54.0	-4.7	1.99 V	210	43.2	6.1
3	#5470.00	63.5 PK	68.2	-4.7	1.99 V	210	57.5	6.0
4	*5530.00	111.5 PK			1.99 V	210	105.5	6.0
5	*5530.00	102.7 AV			1.99 V	210	96.7	6.0
6	#5725.00	56.6 PK	68.2	-11.6	1.99 V	210	50.4	6.2
7	11060.00	54.6 PK	74.0	-19.4	1.50 V	159	37.7	16.9
8	11060.00	43.5 AV	54.0	-10.5	1.50 V	159	26.6	16.9
9	#16590.00	58.0 PK	68.2	-10.2	1.69 V	198	37.6	20.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

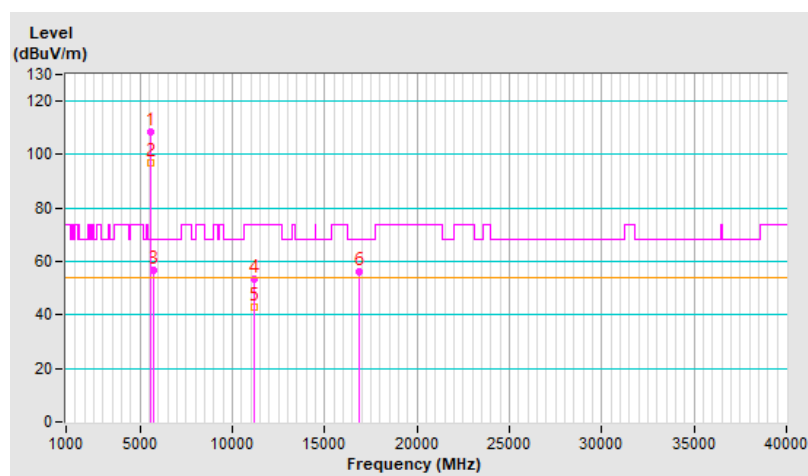


RF Mode	802.11be (EHT80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	108.4 PK			1.00 H	88	102.5	5.9
2	*5610.00	96.7 AV			1.00 H	88	90.8	5.9
3	#5725.00	56.6 PK	68.2	-11.6	1.00 H	88	50.4	6.2
4	11220.00	53.5 PK	74.0	-20.5	1.52 H	205	36.8	16.7
5	11220.00	42.8 AV	54.0	-11.2	1.52 H	205	26.1	16.7
6	#16830.00	56.1 PK	68.2	-12.1	1.77 H	235	34.9	21.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

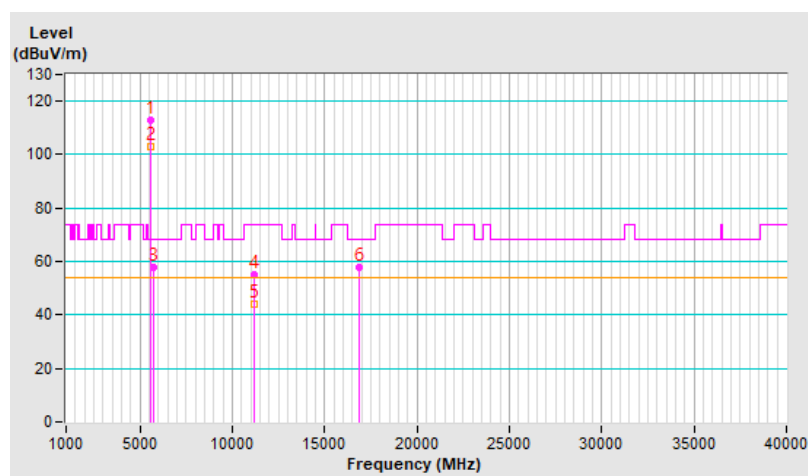


RF Mode	802.11be (EHT80)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	112.9 PK			1.68 V	206	107.0	5.9
2	*5610.00	103.0 AV			1.68 V	206	97.1	5.9
3	#5725.00	57.7 PK	68.2	-10.5	1.68 V	206	51.5	6.2
4	11220.00	55.2 PK	74.0	-18.8	1.50 V	175	38.5	16.7
5	11220.00	44.1 AV	54.0	-9.9	1.50 V	175	27.4	16.7
6	#16830.00	57.7 PK	68.2	-10.5	1.76 V	203	36.5	21.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

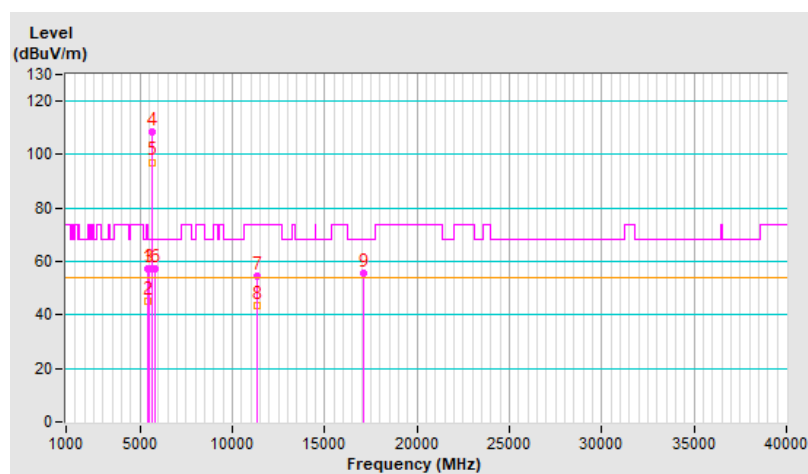


RF Mode	802.11be (EHT80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.4 PK	74.0	-16.6	1.00 H	87	51.4	6.0
2	5460.00	45.1 AV	54.0	-8.9	1.00 H	87	39.1	6.0
3	#5470.00	57.2 PK	68.2	-11.0	1.00 H	87	51.2	6.0
4	*5690.00	108.6 PK			1.00 H	87	102.5	6.1
5	*5690.00	97.2 AV			1.00 H	87	91.1	6.1
6	#5850.00	57.2 PK	68.2	-11.0	1.00 H	87	50.6	6.6
7	11380.00	54.5 PK	74.0	-19.5	1.61 H	211	37.5	17.0
8	11380.00	43.5 AV	54.0	-10.5	1.61 H	211	26.5	17.0
9	#17070.00	55.4 PK	68.2	-12.8	1.74 H	244	35.0	20.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

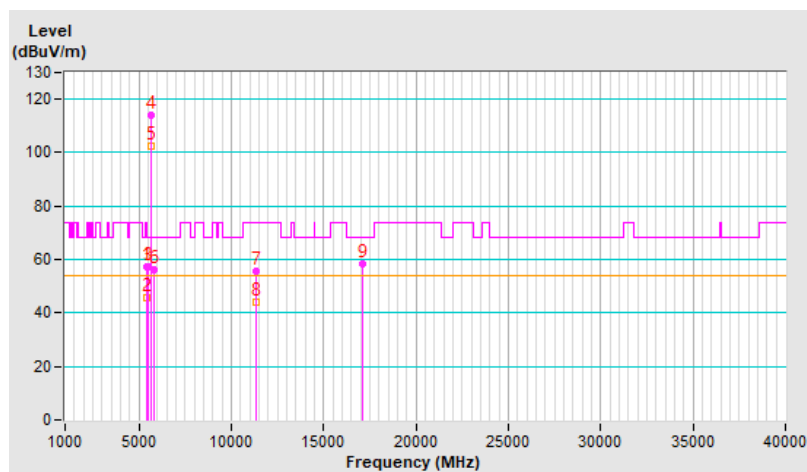


RF Mode	802.11be (EHT80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.3 PK	74.0	-16.7	1.50 V	206	51.3	6.0
2	5460.00	45.5 AV	54.0	-8.5	1.50 V	206	39.5	6.0
3	#5470.00	57.2 PK	68.2	-11.0	1.50 V	206	51.2	6.0
4	*5690.00	114.0 PK			1.50 V	206	107.9	6.1
5	*5690.00	102.6 AV			1.50 V	206	96.5	6.1
6	#5850.00	56.4 PK	68.2	-11.8	1.50 V	206	49.8	6.6
7	11380.00	55.8 PK	74.0	-18.2	1.47 V	156	38.8	17.0
8	11380.00	44.2 AV	54.0	-9.8	1.47 V	156	27.2	17.0
9	#17070.00	58.3 PK	68.2	-9.9	1.65 V	208	37.9	20.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

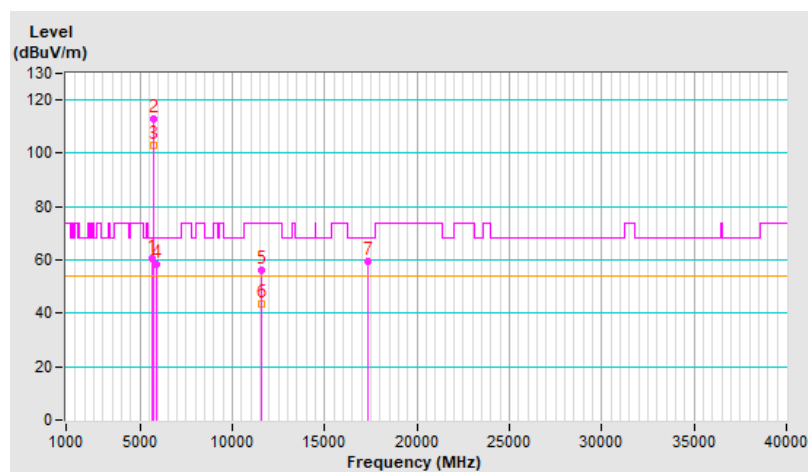


RF Mode	802.11be (EHT80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.68	60.8 PK	68.2	-7.4	1.00 H	90	54.8	6.0
2	*5775.00	113.1 PK			1.00 H	90	106.6	6.5
3	*5775.00	102.8 AV			1.00 H	90	96.3	6.5
4	#5928.63	58.5 PK	68.2	-9.7	1.00 H	90	52.1	6.4
5	11550.00	56.2 PK	74.0	-17.8	1.58 H	187	39.2	17.0
6	11550.00	43.3 AV	54.0	-10.7	1.58 H	187	26.3	17.0
7	#17325.00	59.4 PK	68.2	-8.8	1.82 H	215	38.6	20.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

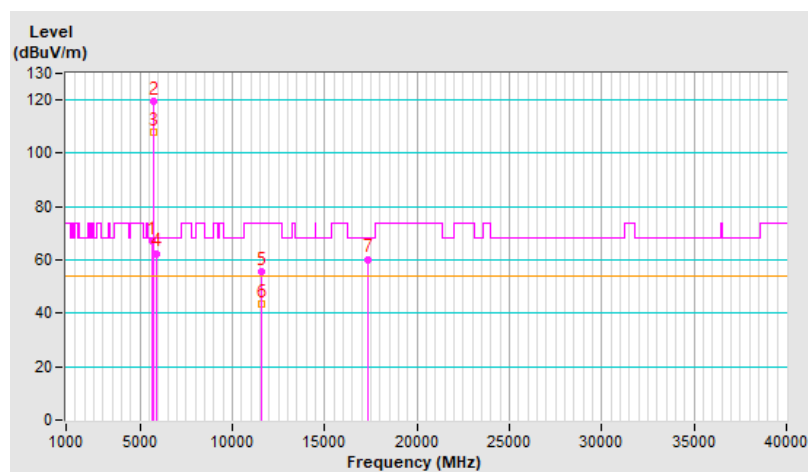


RF Mode	802.11be (EHT80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	67.0 PK	68.2	-1.2	1.66 V	210	60.9	6.1
2	*5775.00	119.7 PK			1.66 V	210	113.2	6.5
3	*5775.00	107.9 AV			1.66 V	210	101.4	6.5
4	#5930.90	62.5 PK	68.2	-5.7	1.66 V	210	56.1	6.4
5	11550.00	55.6 PK	74.0	-18.4	1.53 V	169	38.6	17.0
6	11550.00	43.3 AV	54.0	-10.7	1.53 V	169	26.3	17.0
7	#17325.00	60.3 PK	68.2	-7.9	1.64 V	202	39.5	20.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

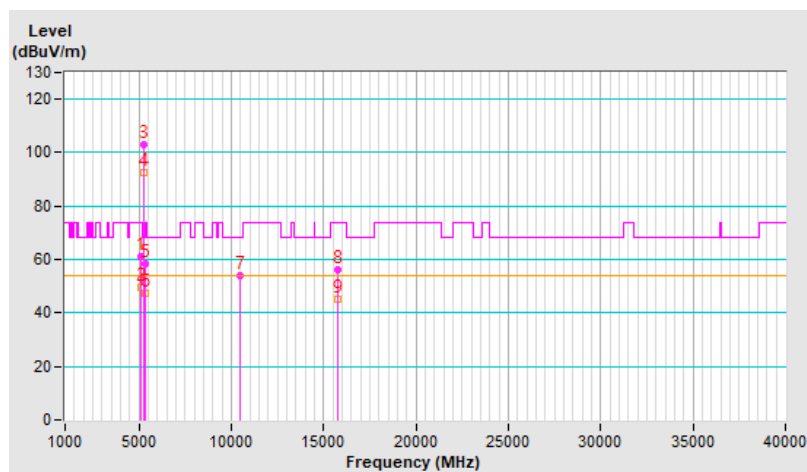


RF Mode	802.11be (EHT160)	Channel	CH 50 : 5250 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5134.61	60.9 PK	74.0	-13.1	1.06 H	88	54.8	6.1
2	5134.61	49.5 AV	54.0	-4.5	1.06 H	88	43.4	6.1
3	*5250.00	102.8 PK			1.06 H	88	97.3	5.5
4	*5250.00	92.5 AV			1.06 H	88	87.0	5.5
5	5371.50	58.5 PK	74.0	-15.5	1.06 H	88	52.5	6.0
6	5371.50	47.2 AV	54.0	-6.8	1.06 H	88	41.2	6.0
7	#10500.00	54.2 PK	68.2	-14.0	1.59 H	203	38.3	15.9
8	15750.00	56.2 PK	74.0	-17.8	1.88 H	231	39.0	17.2
9	15750.00	45.4 AV	54.0	-8.6	1.88 H	231	28.2	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

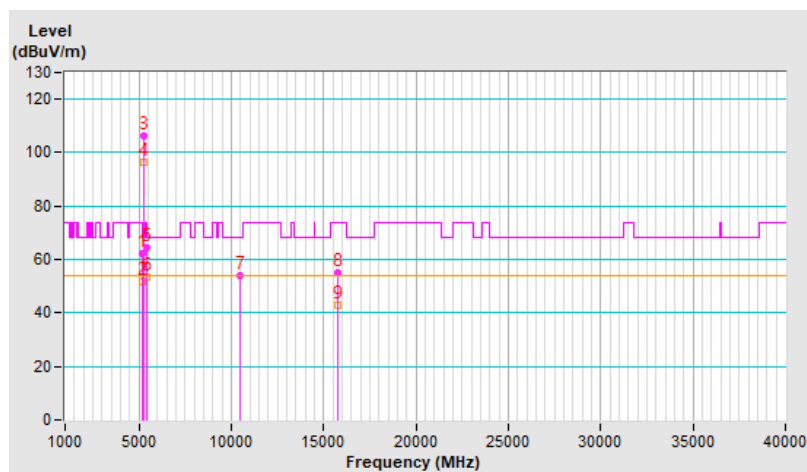


RF Mode	802.11be (EHT160)	Channel	CH 50 : 5250 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5148.30	62.3 PK	74.0	-11.7	1.50 V	213	56.3	6.0
2	5148.30	51.9 AV	54.0	-2.1	1.50 V	213	45.9	6.0
3	*5250.00	106.4 PK			1.50 V	213	100.9	5.5
4	*5250.00	96.5 AV			1.50 V	213	91.0	5.5
5	5385.70	64.3 PK	74.0	-9.7	1.50 V	213	58.3	6.0
6	5385.70	53.5 AV	54.0	-0.5	1.50 V	213	47.5	6.0
7	#10500.00	54.1 PK	68.2	-14.1	1.48 V	168	38.2	15.9
8	15750.00	54.9 PK	74.0	-19.1	1.68 V	196	37.7	17.2
9	15750.00	43.1 AV	54.0	-10.9	1.68 V	196	25.9	17.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

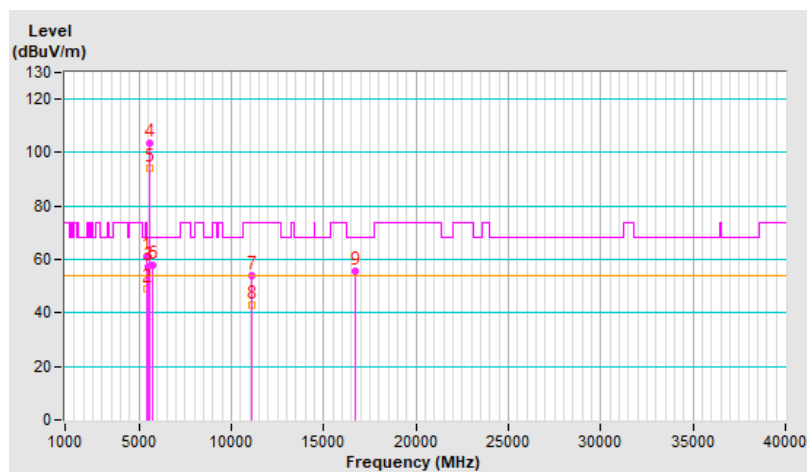


RF Mode	802.11be (EHT160)	Channel	CH 114 : 5570 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5431.43	61.2 PK	74.0	-12.8	1.00 H	90	55.1	6.1
2	5431.43	49.0 AV	54.0	-5.0	1.00 H	90	42.9	6.1
3	#5470.00	57.1 PK	68.2	-11.1	1.00 H	90	51.1	6.0
4	*5570.00	103.7 PK			1.00 H	90	97.8	5.9
5	*5570.00	94.3 AV			1.00 H	90	88.4	5.9
6	#5725.00	57.6 PK	68.2	-10.6	1.00 H	90	51.4	6.2
7	11140.00	54.1 PK	74.0	-19.9	1.54 H	217	37.4	16.7
8	11140.00	43.0 AV	54.0	-11.0	1.54 H	217	26.3	16.7
9	#16710.00	55.4 PK	68.2	-12.8	1.77 H	217	33.9	21.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

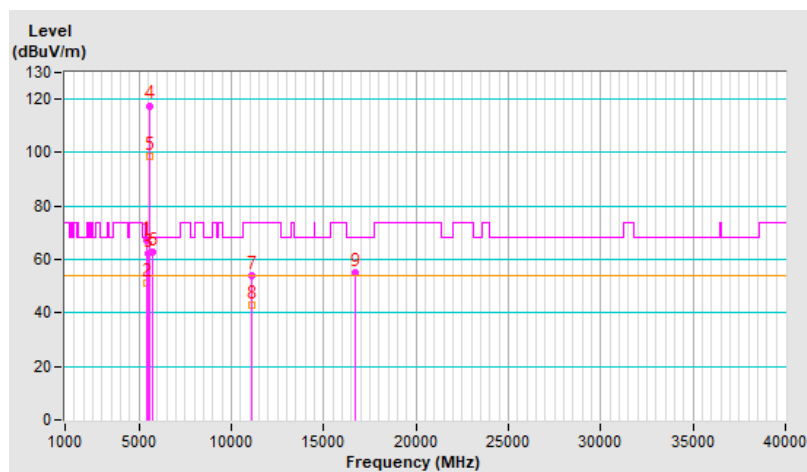


RF Mode	802.11be (EHT160)	Channel	CH 114 : 5570 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5427.00	67.1 PK	74.0	-6.9	1.71 V	207	61.0	6.1
2	5427.00	51.4 AV	54.0	-2.6	1.71 V	207	45.3	6.1
3	#5470.00	62.4 PK	68.2	-5.8	1.71 V	207	56.4	6.0
4	*5570.00	117.6 PK			1.71 V	207	111.7	5.9
5	*5570.00	98.8 AV			1.71 V	207	92.9	5.9
6	#5725.00	62.8 PK	68.2	-5.4	1.71 V	207	56.6	6.2
7	11140.00	54.2 PK	74.0	-19.8	1.52 V	176	37.5	16.7
8	11140.00	43.1 AV	54.0	-10.9	1.52 V	176	26.4	16.7
9	#16710.00	55.0 PK	68.2	-13.2	1.63 V	194	33.5	21.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

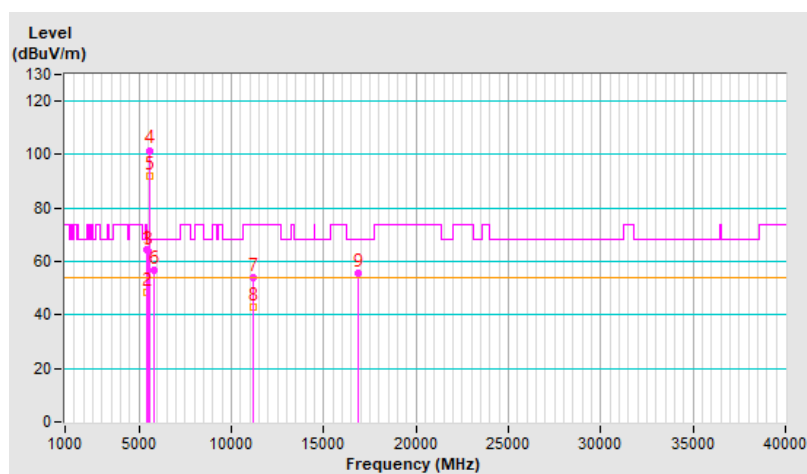


RF Mode	802.11be (EHT240)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5416.00	64.5 PK	74.0	-9.5	2.15 H	89	58.4	6.1
2	5416.00	48.6 AV	54.0	-5.4	2.15 H	89	42.5	6.1
3	#5470.00	63.9 PK	68.2	-4.3	2.15 H	89	57.9	6.0
4	*5610.00	101.6 PK			2.15 H	89	95.7	5.9
5	*5610.00	91.8 AV			2.15 H	89	85.9	5.9
6	#5850.00	56.6 PK	68.2	-11.6	2.15 H	89	50.0	6.6
7	11220.00	53.8 PK	74.0	-20.2	1.57 H	220	37.1	16.7
8	11220.00	43.0 AV	54.0	-11.0	1.57 H	220	26.3	16.7
9	#16830.00	55.4 PK	68.2	-12.8	1.80 H	219	34.2	21.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

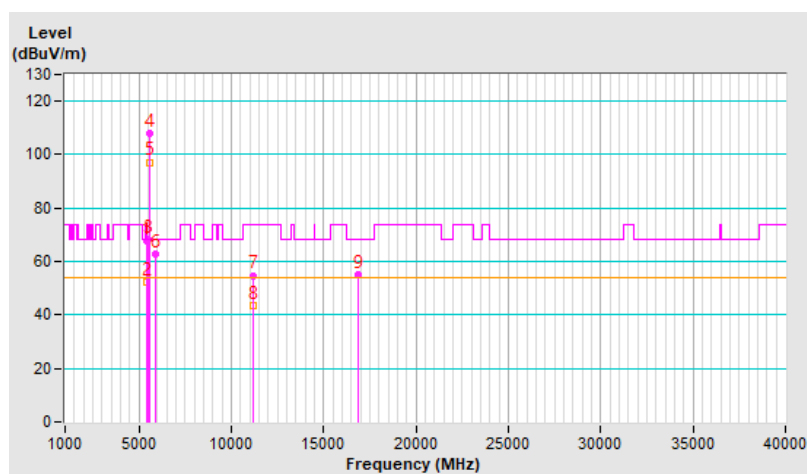


RF Mode	802.11be (EHT240)	Channel	CH 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 72 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5426.25	67.5 PK	74.0	-6.5	1.66 V	198	61.4	6.1
2	5426.25	52.5 AV	54.0	-1.5	1.66 V	198	46.4	6.1
3	#5470.00	68.1 PK	68.2	-0.1	1.66 V	198	62.1	6.0
4	*5610.00	107.8 PK			1.66 V	198	101.9	5.9
5	*5610.00	97.2 AV			1.66 V	198	91.3	5.9
6	#5882.48	62.9 PK	68.2	-5.3	1.66 V	198	56.4	6.5
7	11220.00	54.8 PK	74.0	-19.2	1.51 V	182	38.1	16.7
8	11220.00	43.4 AV	54.0	-10.6	1.51 V	182	26.7	16.7
9	#16830.00	55.2 PK	68.2	-13.0	1.65 V	183	34.0	21.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

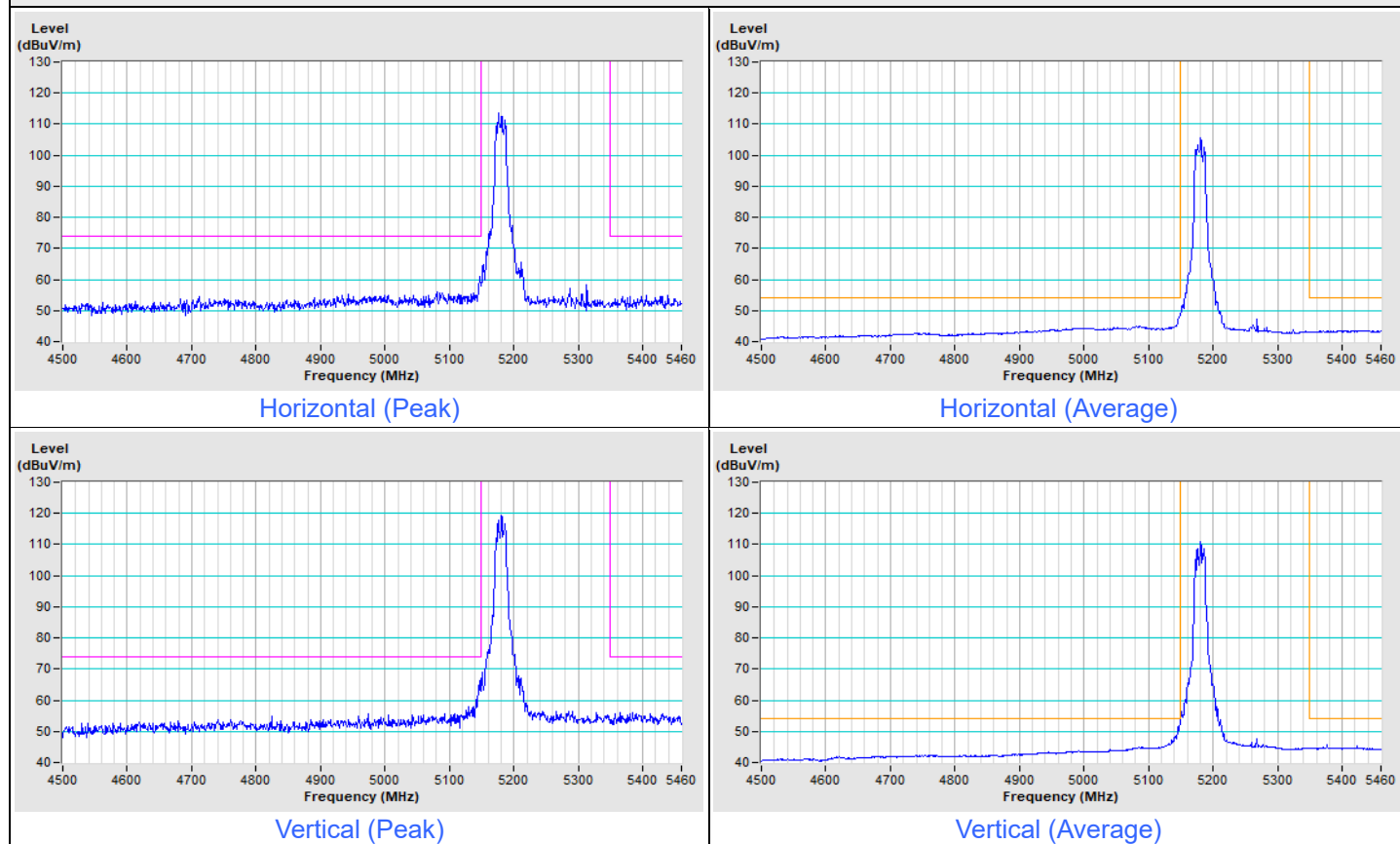


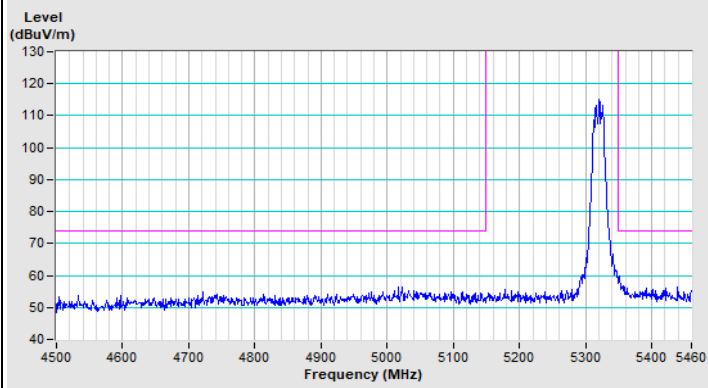
Plot of Band Edge

CDD

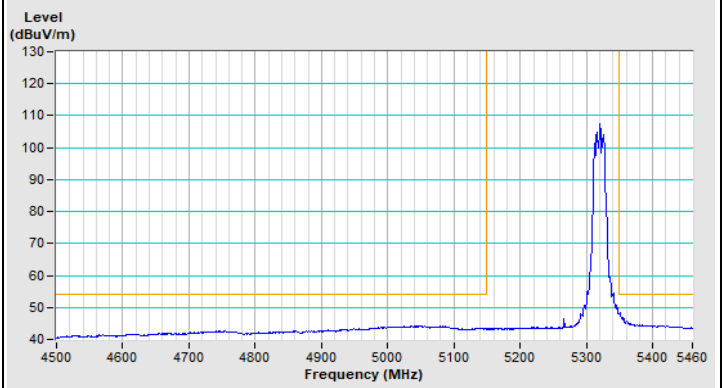
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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802.11a Channel 36

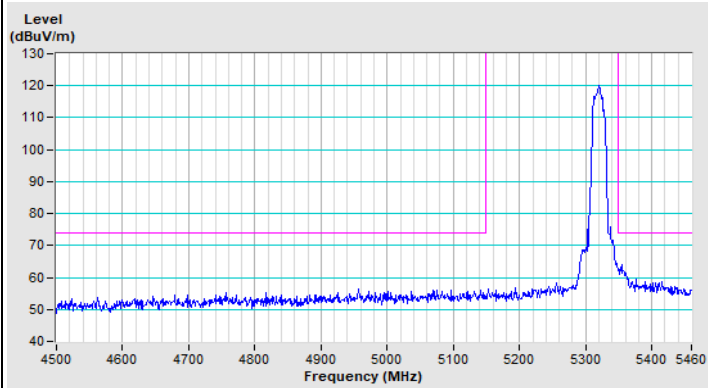


802.11a Channel 64

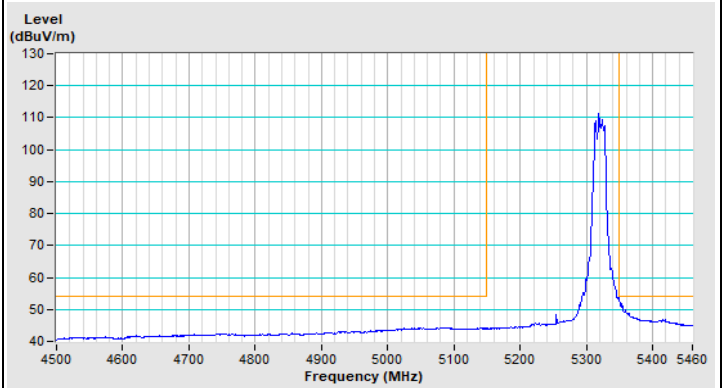
Horizontal (Peak)



Horizontal (Average)



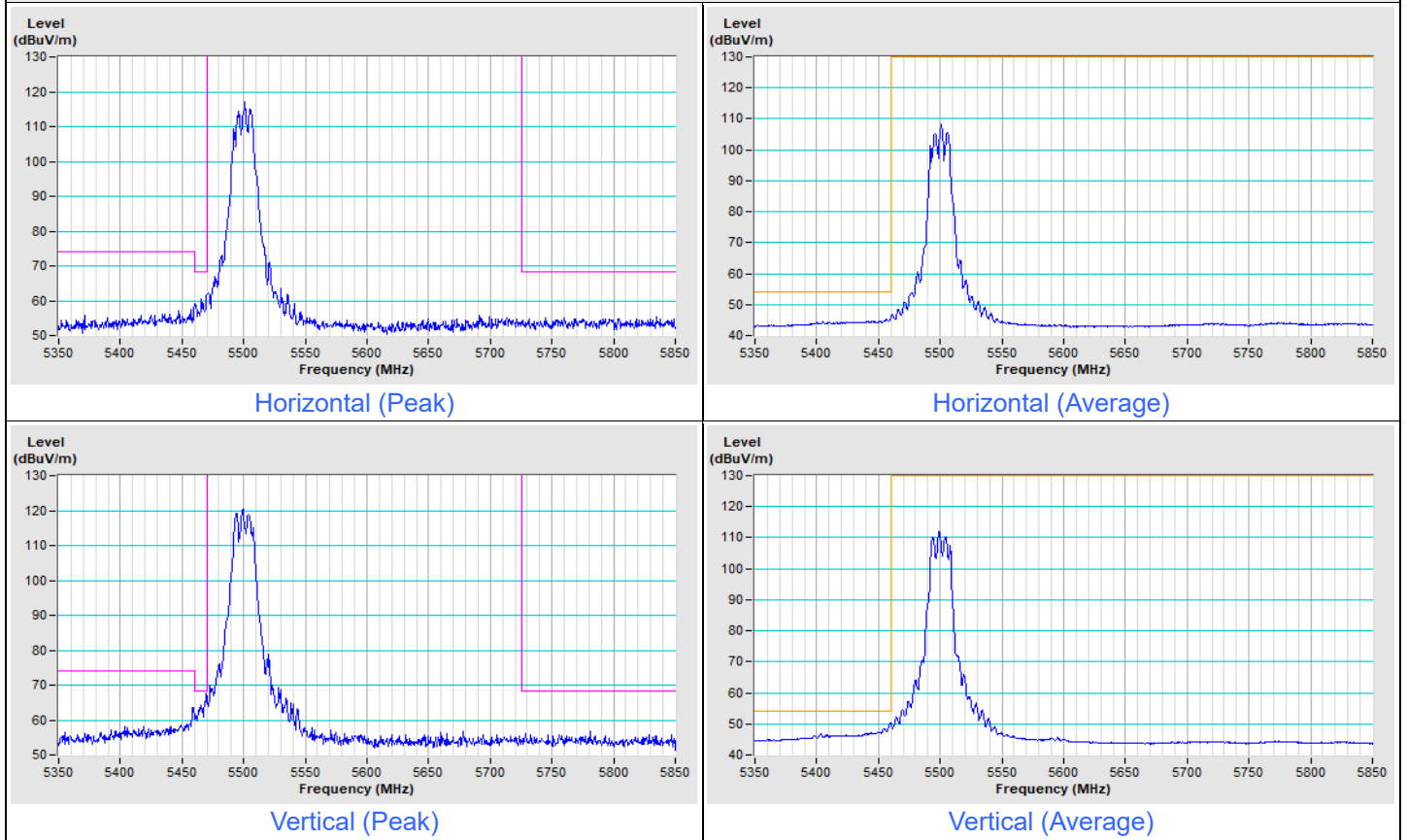
Vertical (Peak)



Vertical (Average)

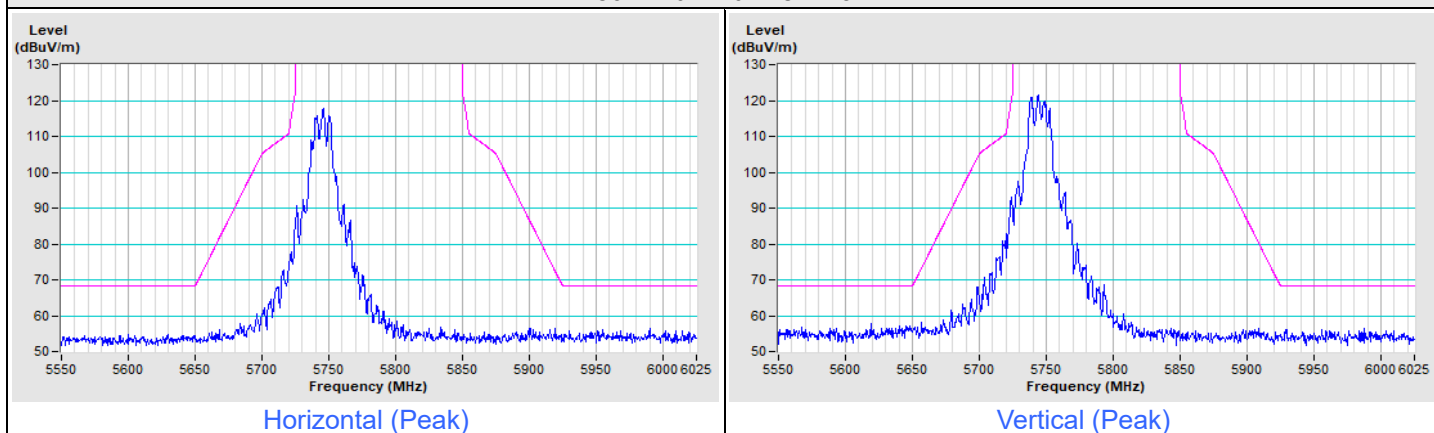
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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802.11a Channel 100

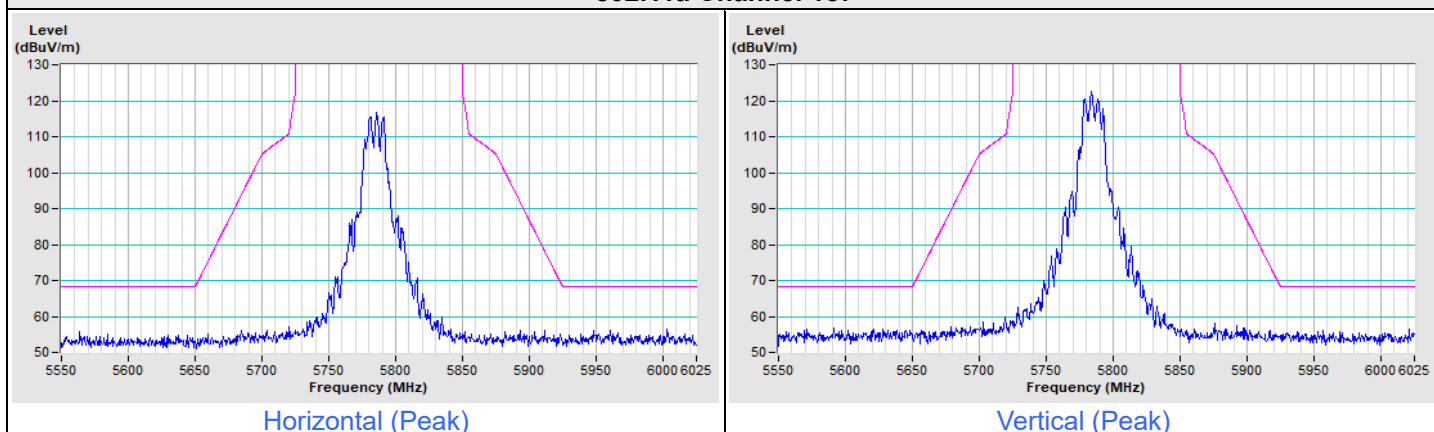


Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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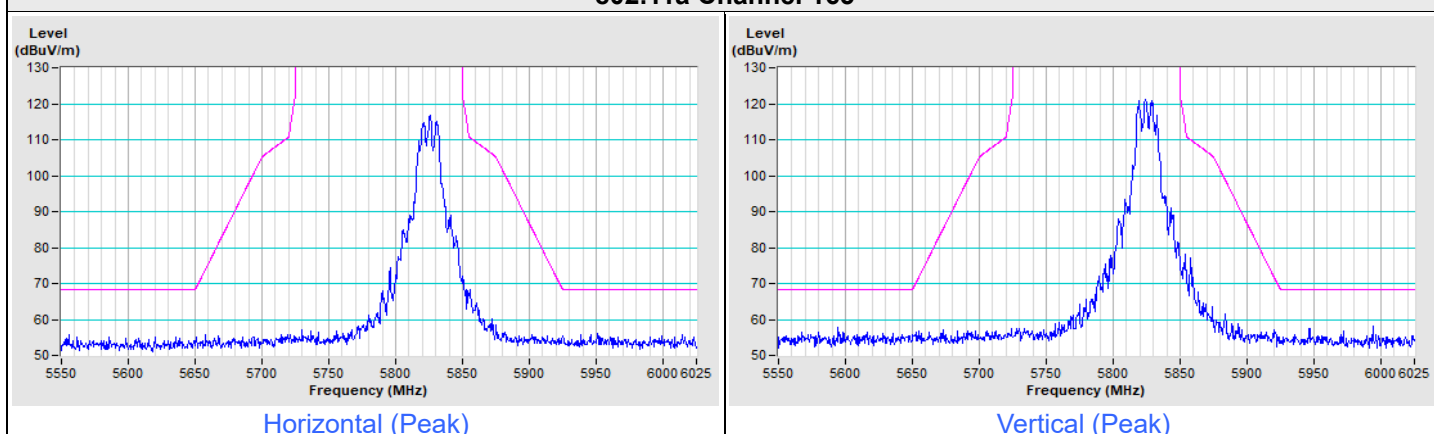
802.11a Channel 149



802.11a Channel 157



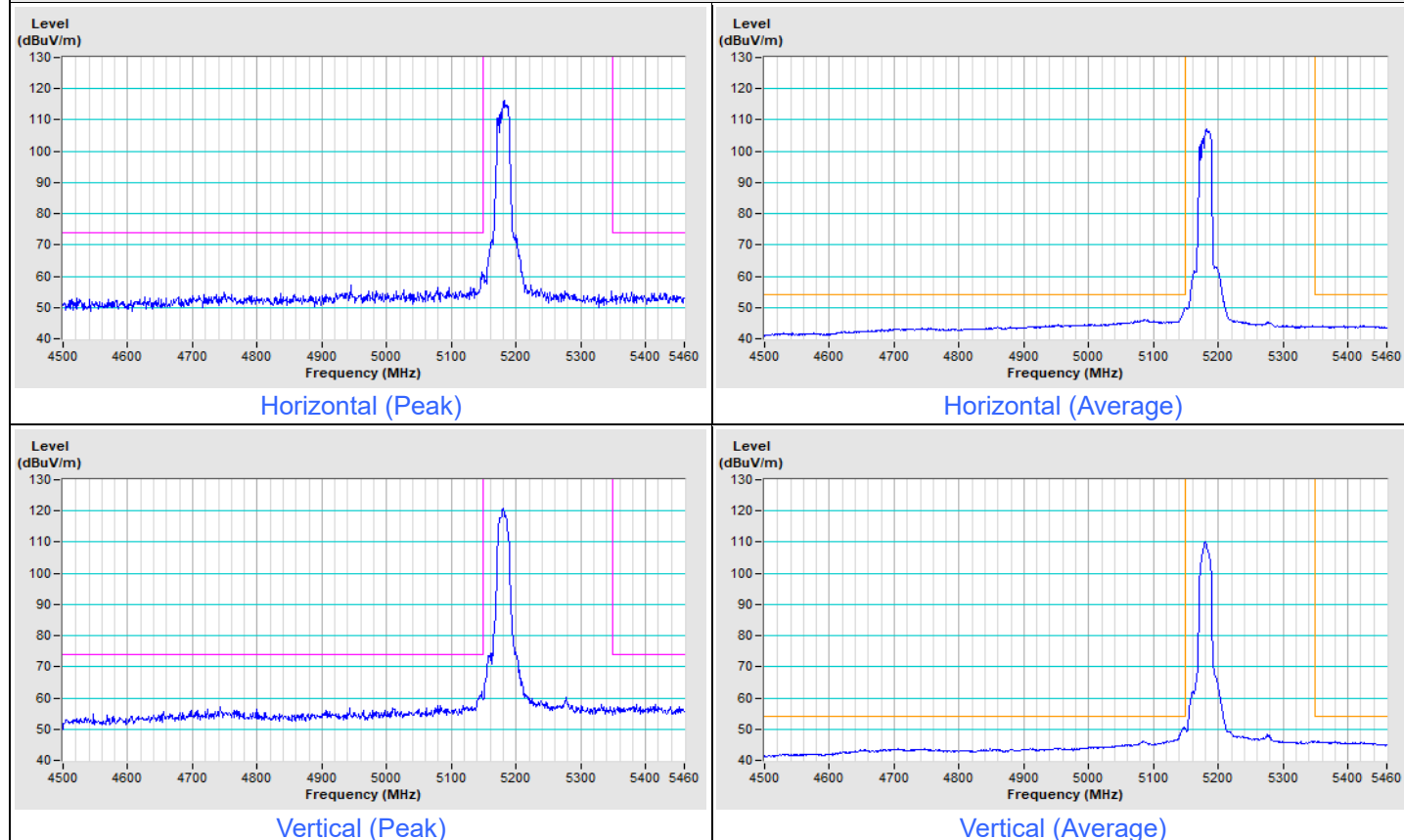
802.11a Channel 165

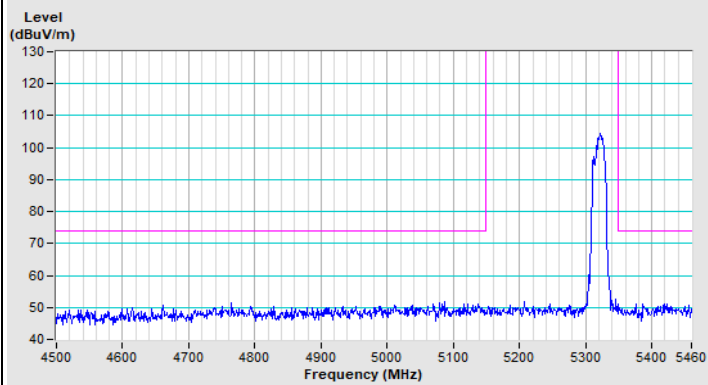


Beamforming

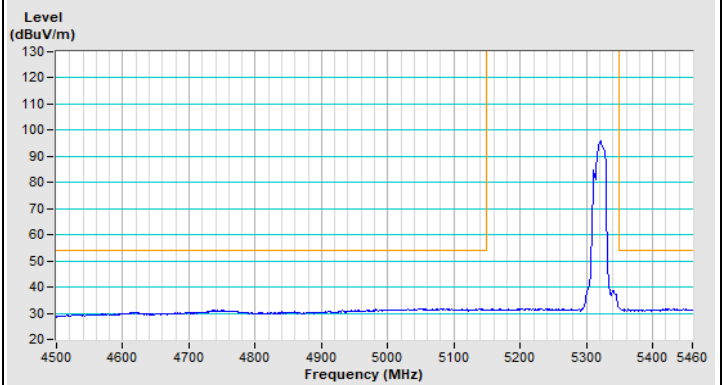
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
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802.11be (EHT20) Channel 36

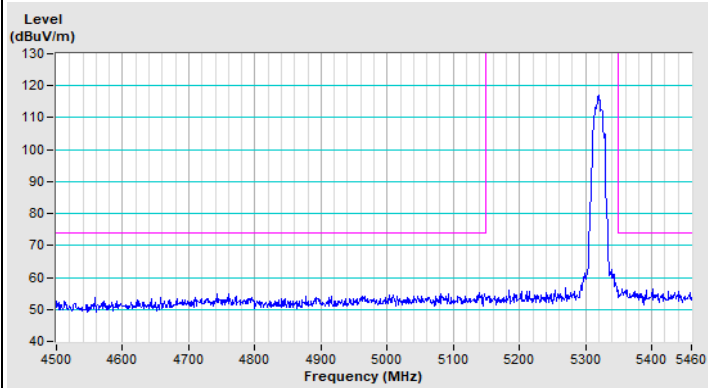


802.11be (EHT20) Channel 64

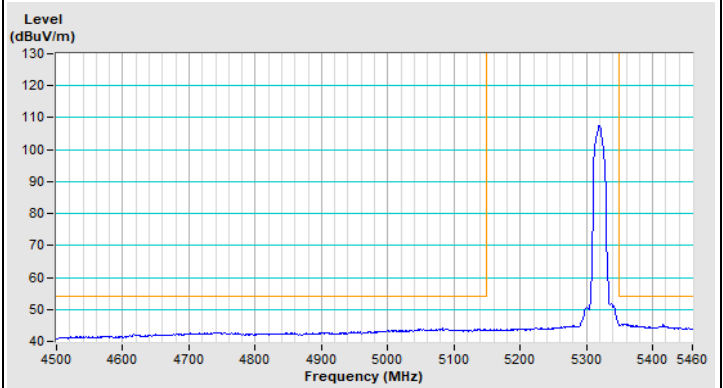
Horizontal (Peak)



Horizontal (Average)



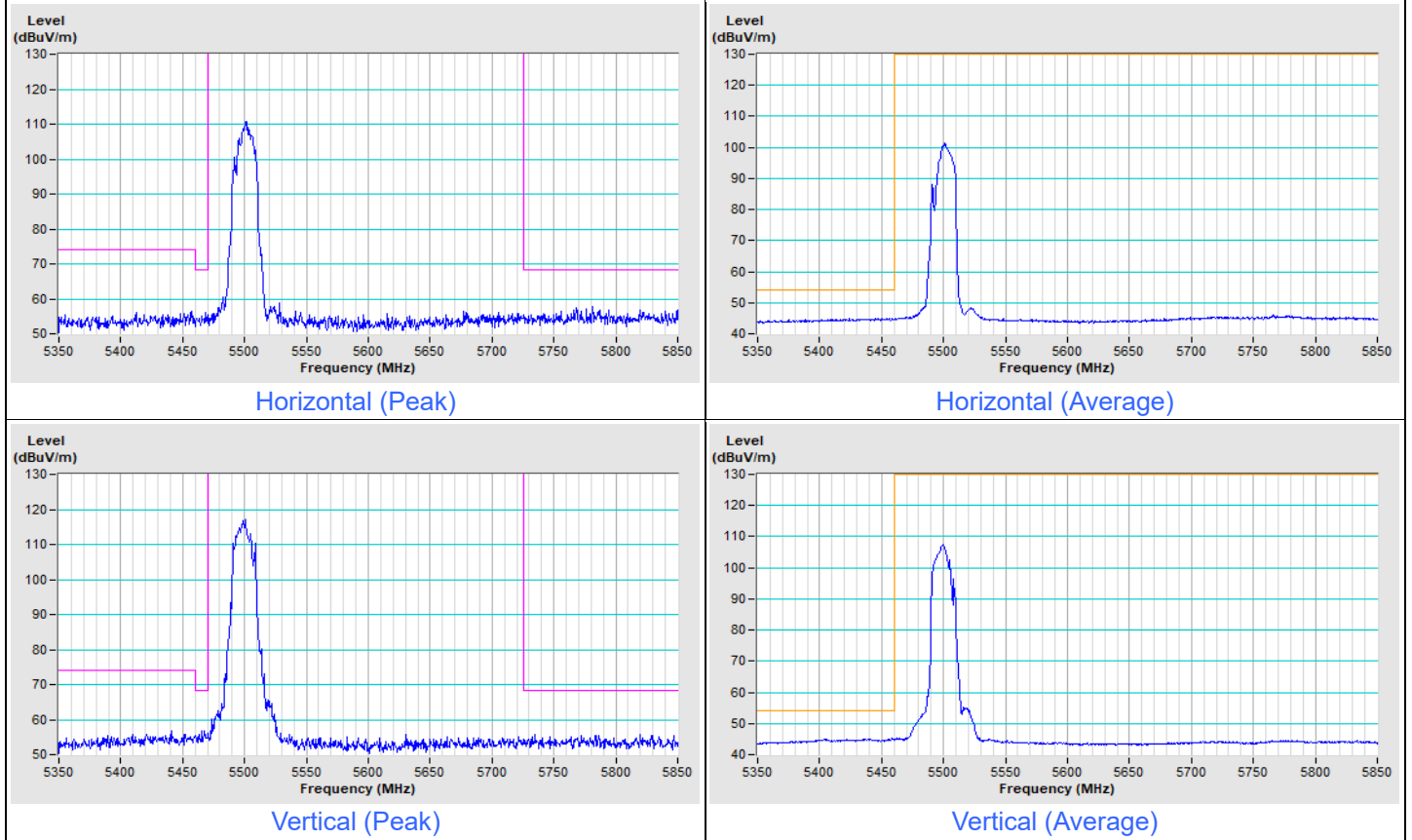
Vertical (Peak)



Vertical (Average)

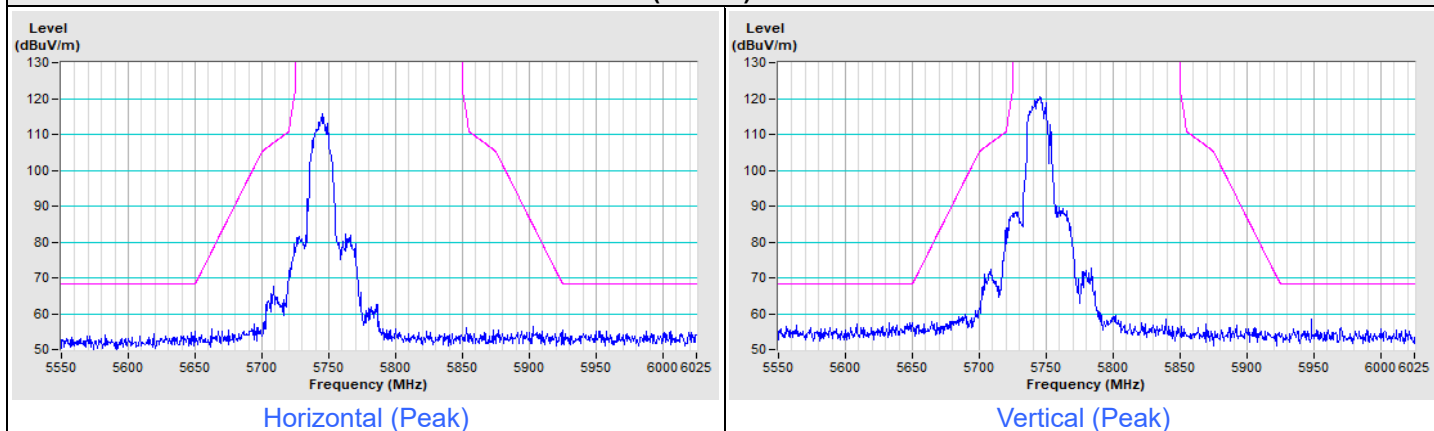
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=510 Hz, DET=Peak
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802.11be (EHT20) Channel 100

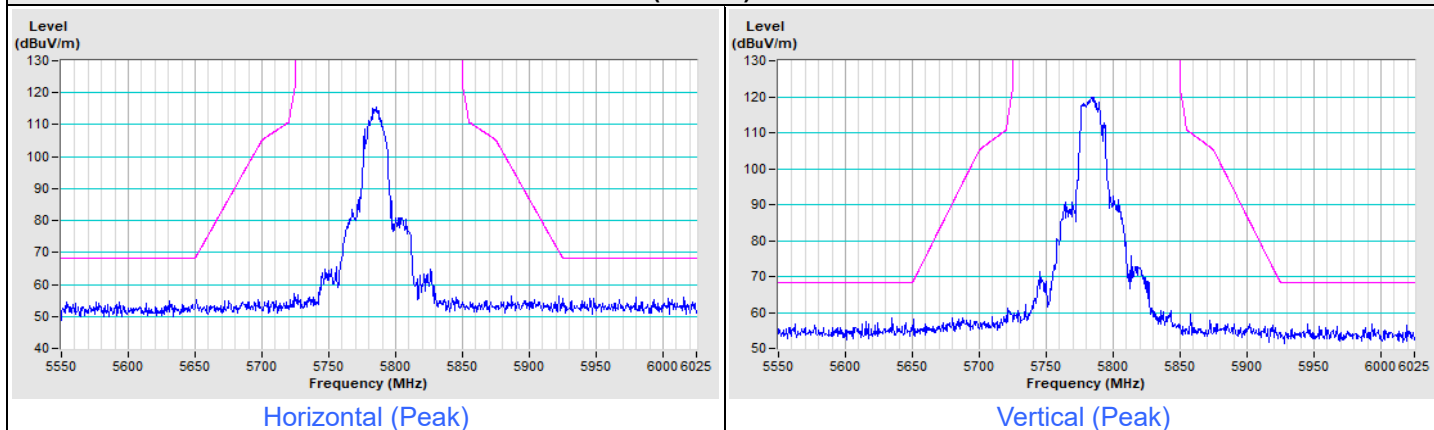


Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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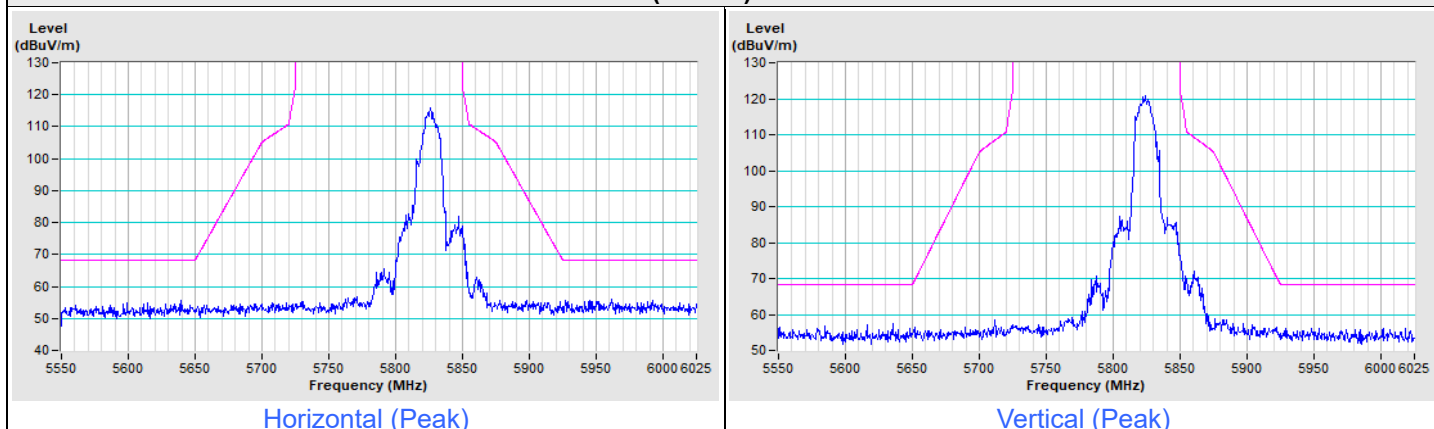
802.11be (EHT20) Channel 149



802.11be (EHT20) Channel 157

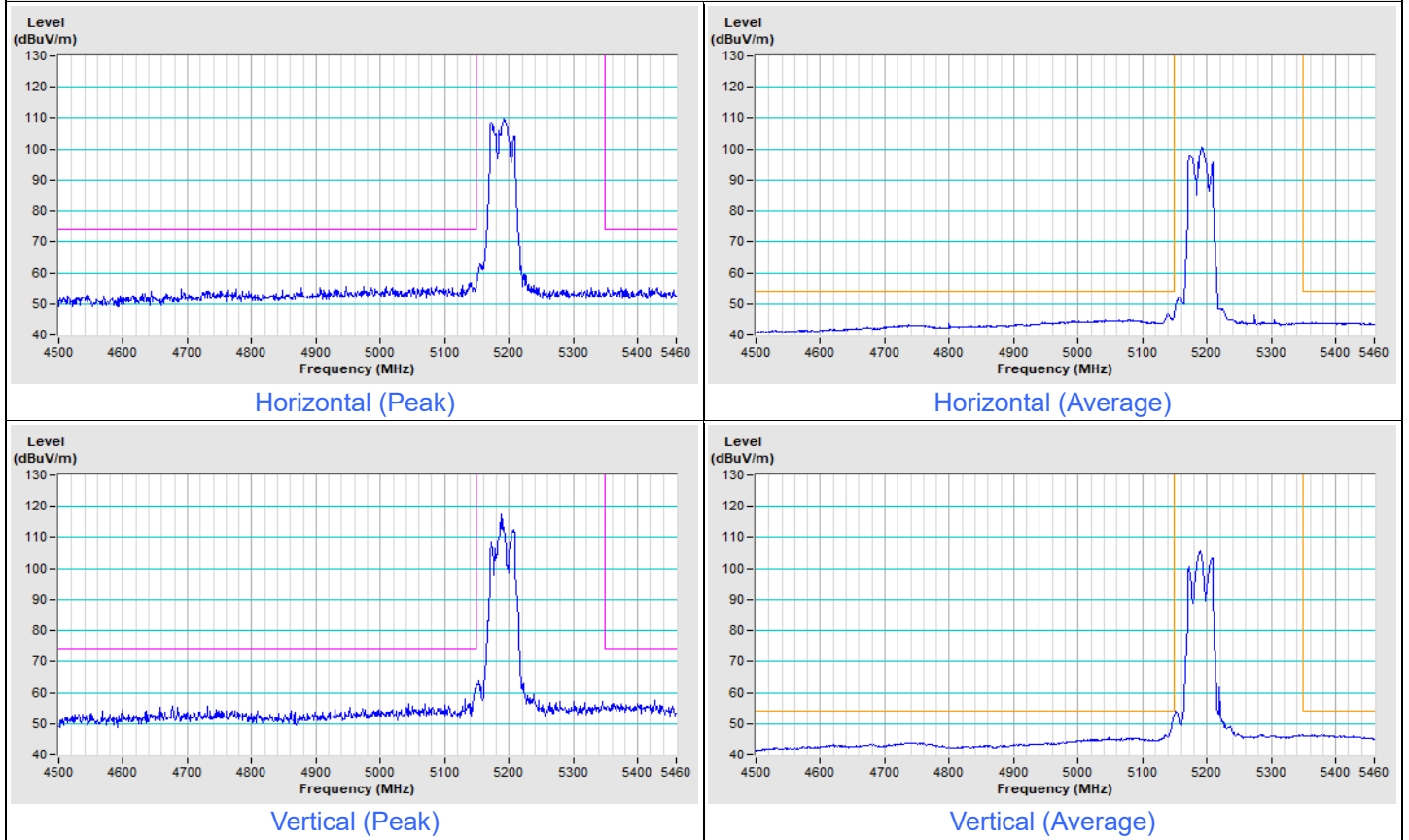


802.11be (EHT20) Channel 165

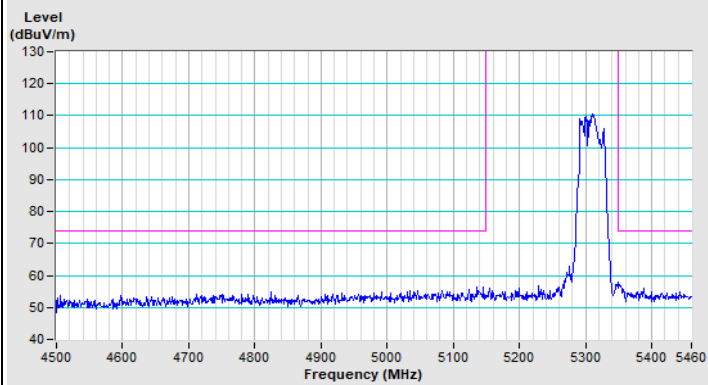


Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
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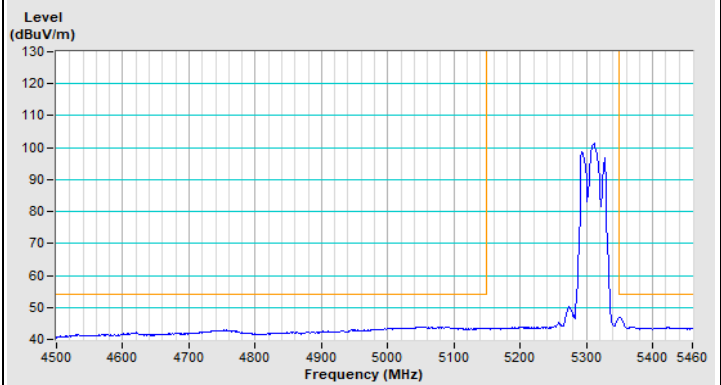
802.11be (EHT40) Channel 38



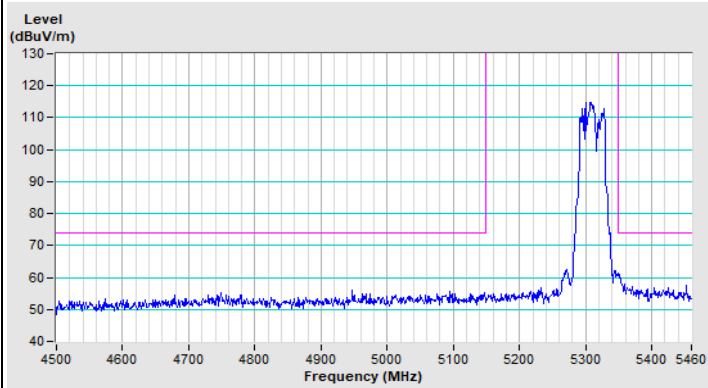
802.11be (EHT40) Channel 62



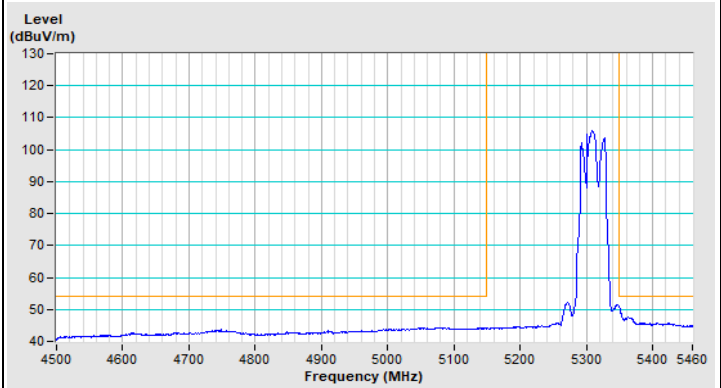
Horizontal (Peak)



Horizontal (Average)



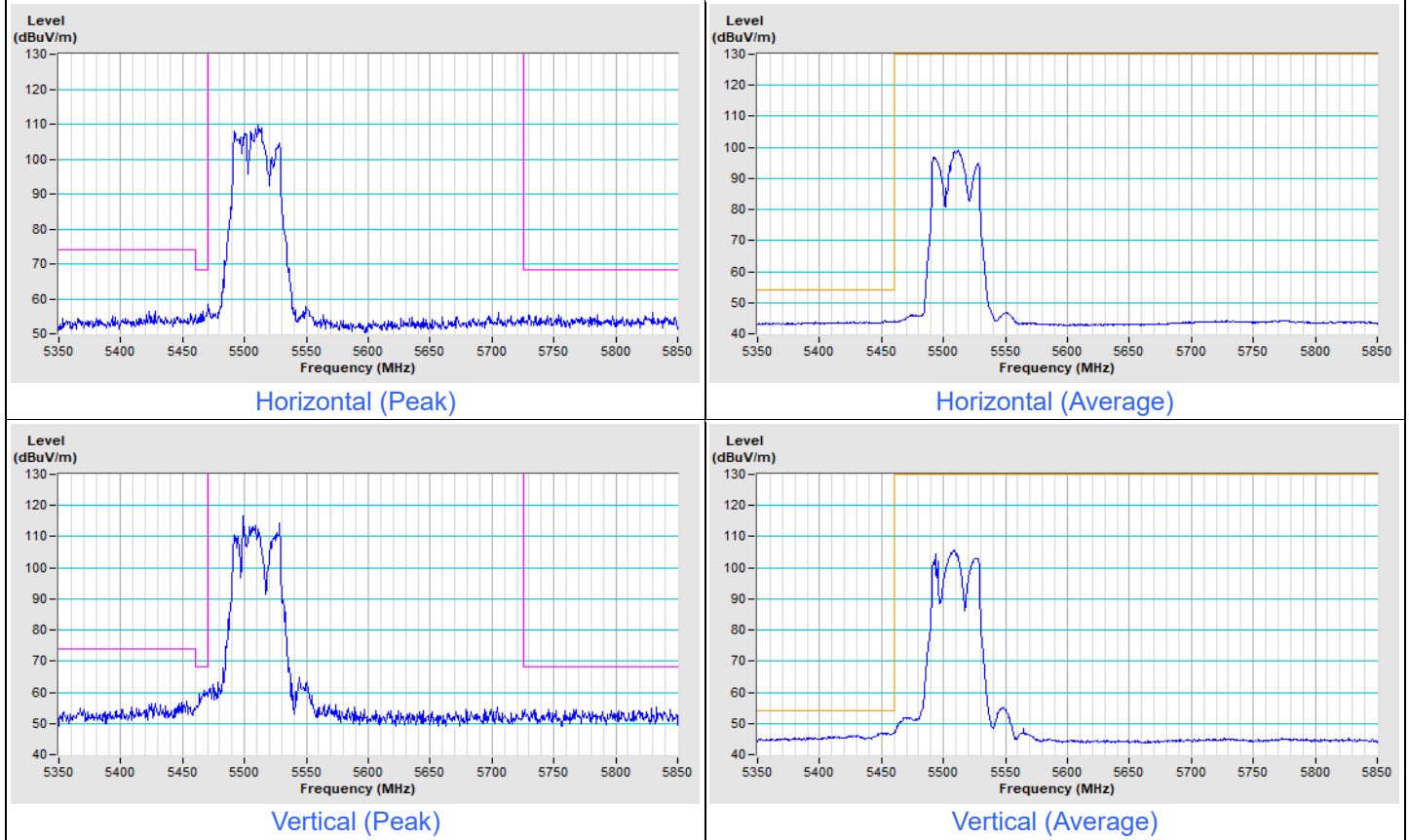
Vertical (Peak)



Vertical (Average)

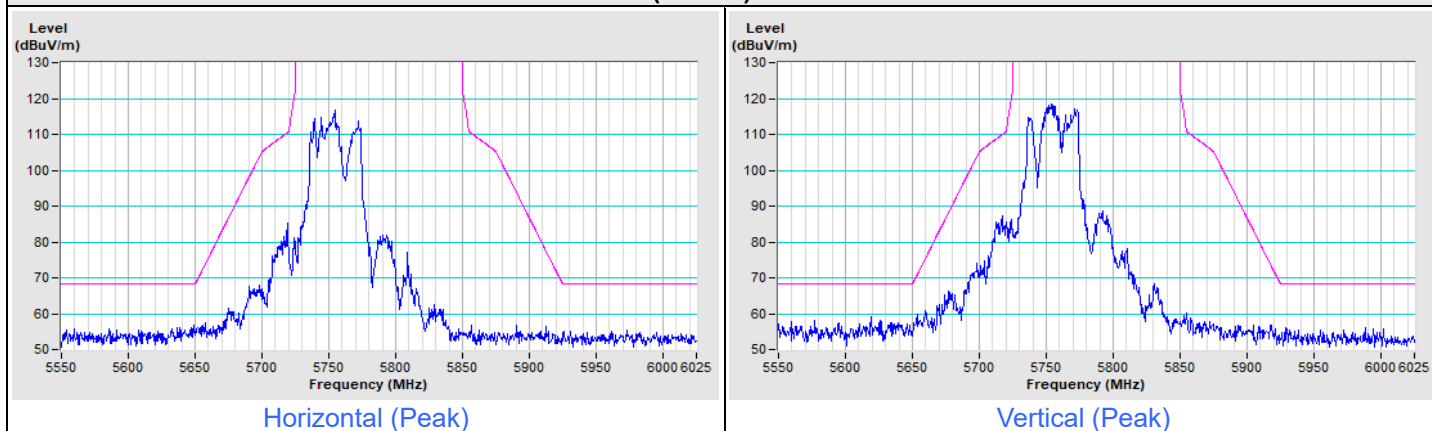
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
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802.11be (EHT40) Channel 102

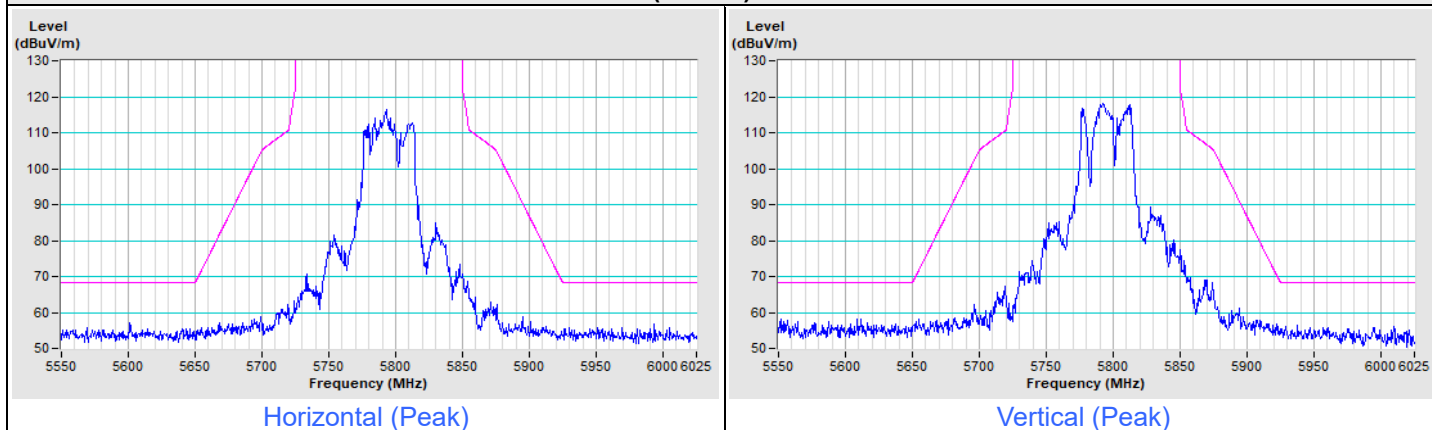


Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11be (EHT40) Channel 151

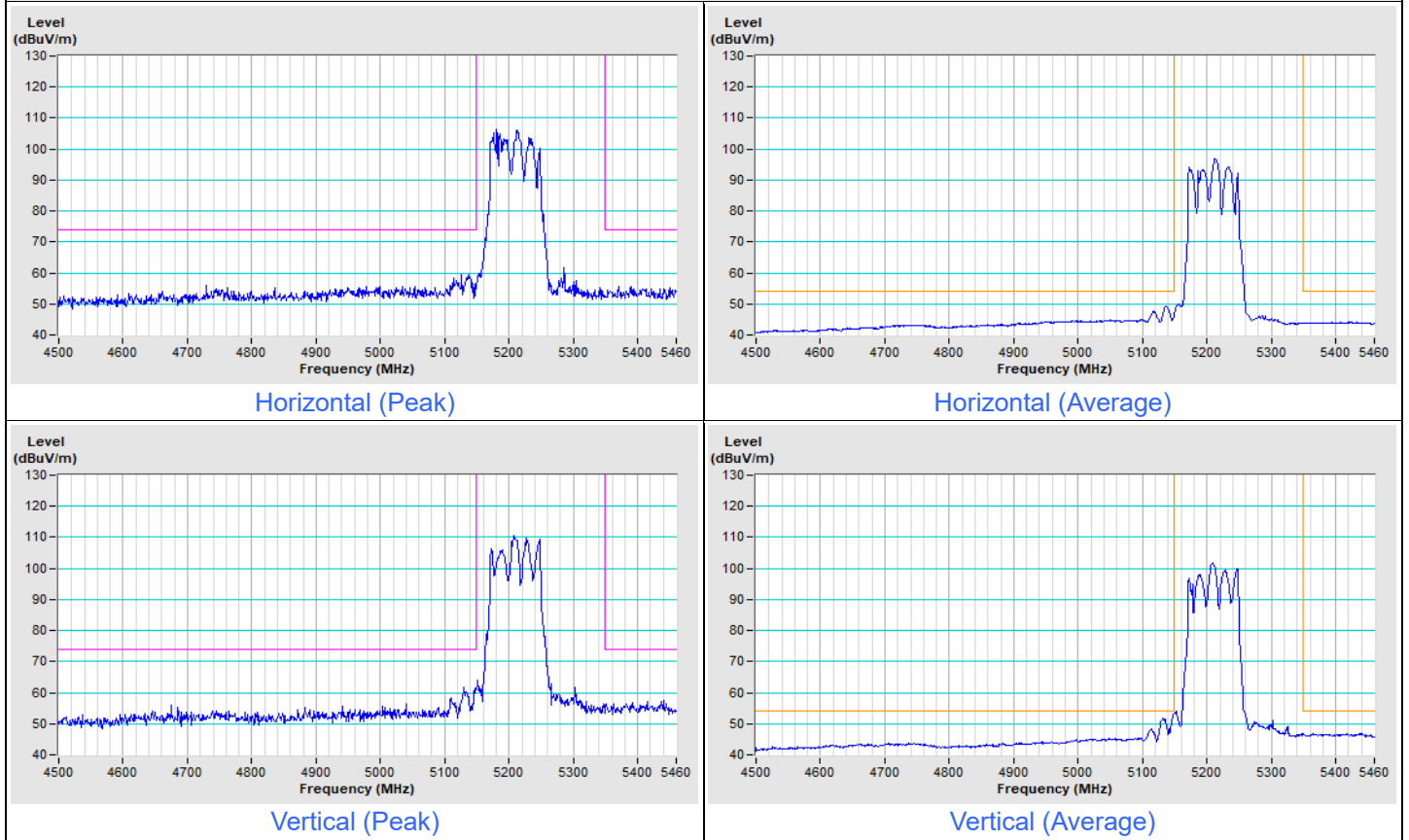


802.11be (EHT40) Channel 159

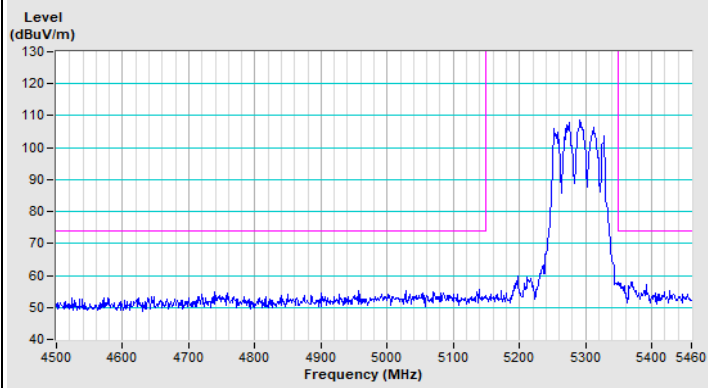


Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
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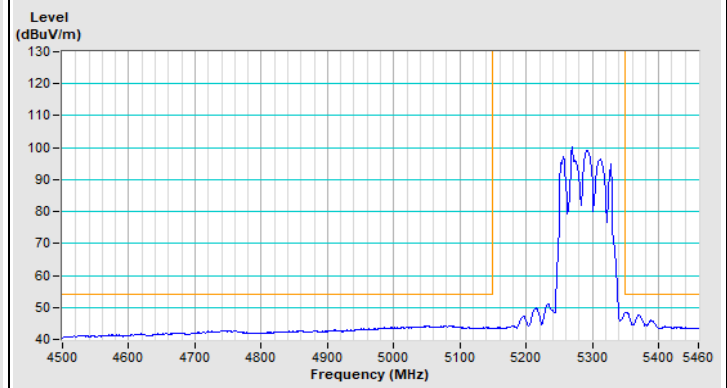
802.11be (EHT80) Channel 42



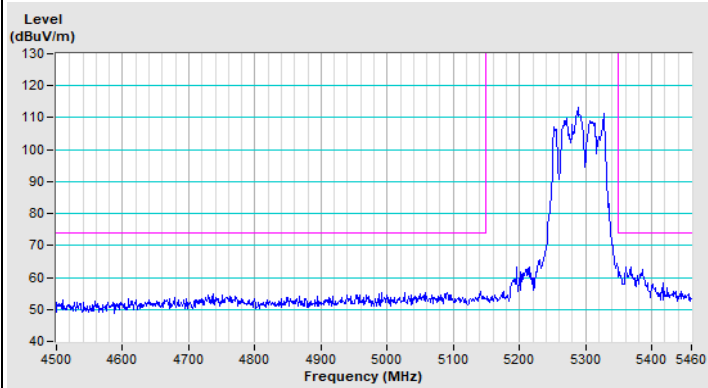
802.11be (EHT80) Channel 58



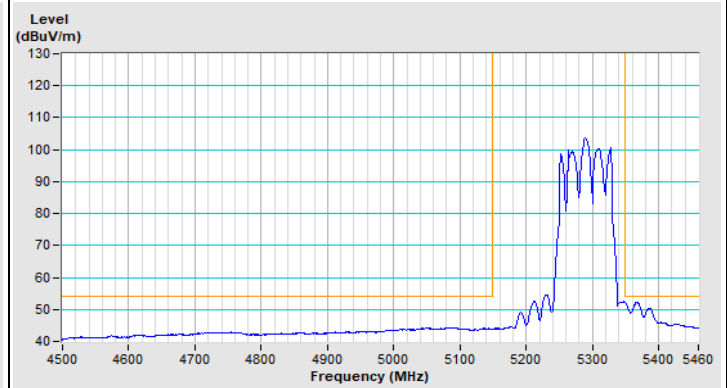
Horizontal (Peak)



Horizontal (Average)



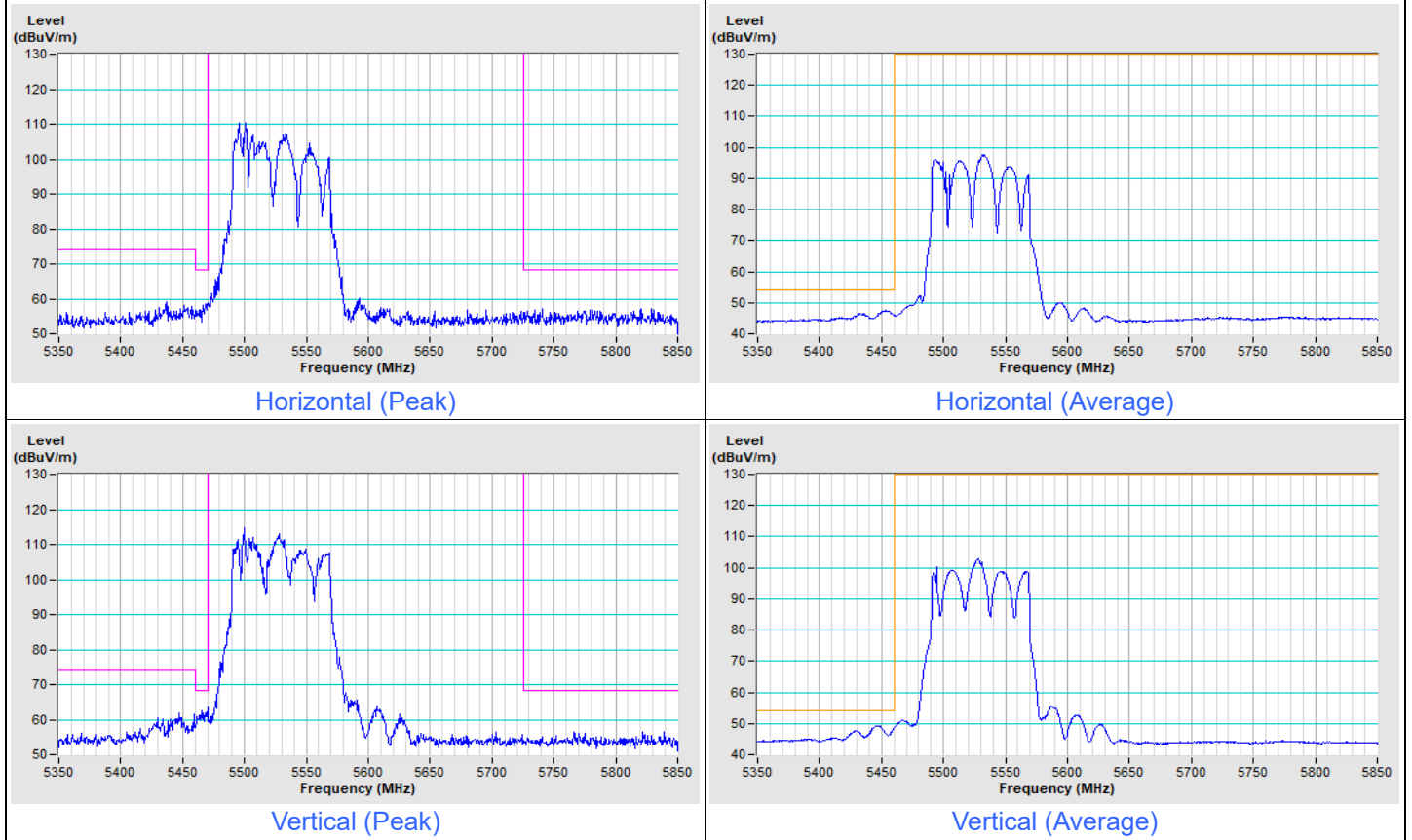
Vertical (Peak)



Vertical (Average)

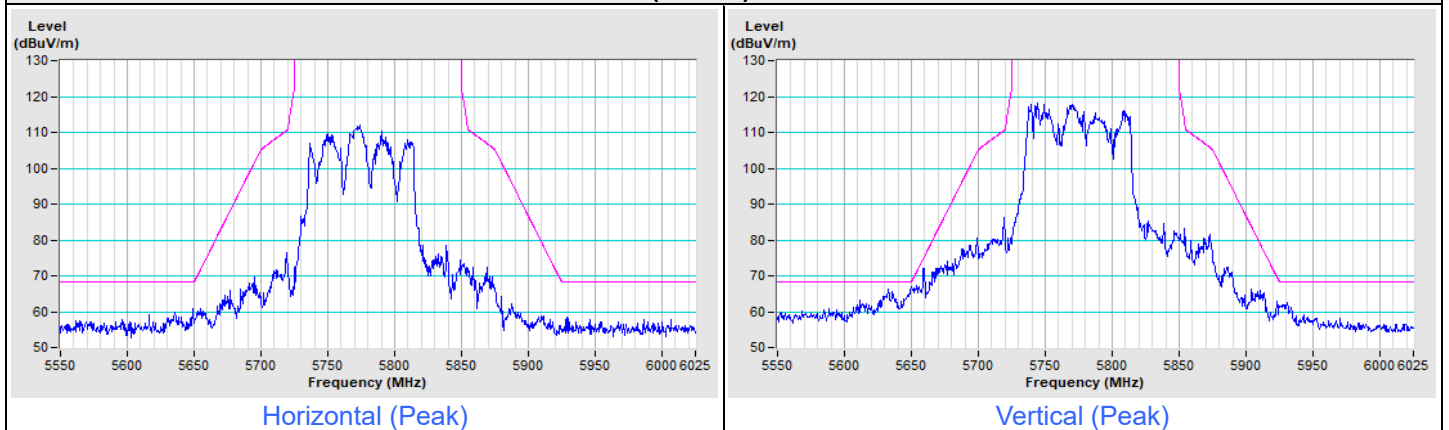
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
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802.11be (EHT80) Channel 106



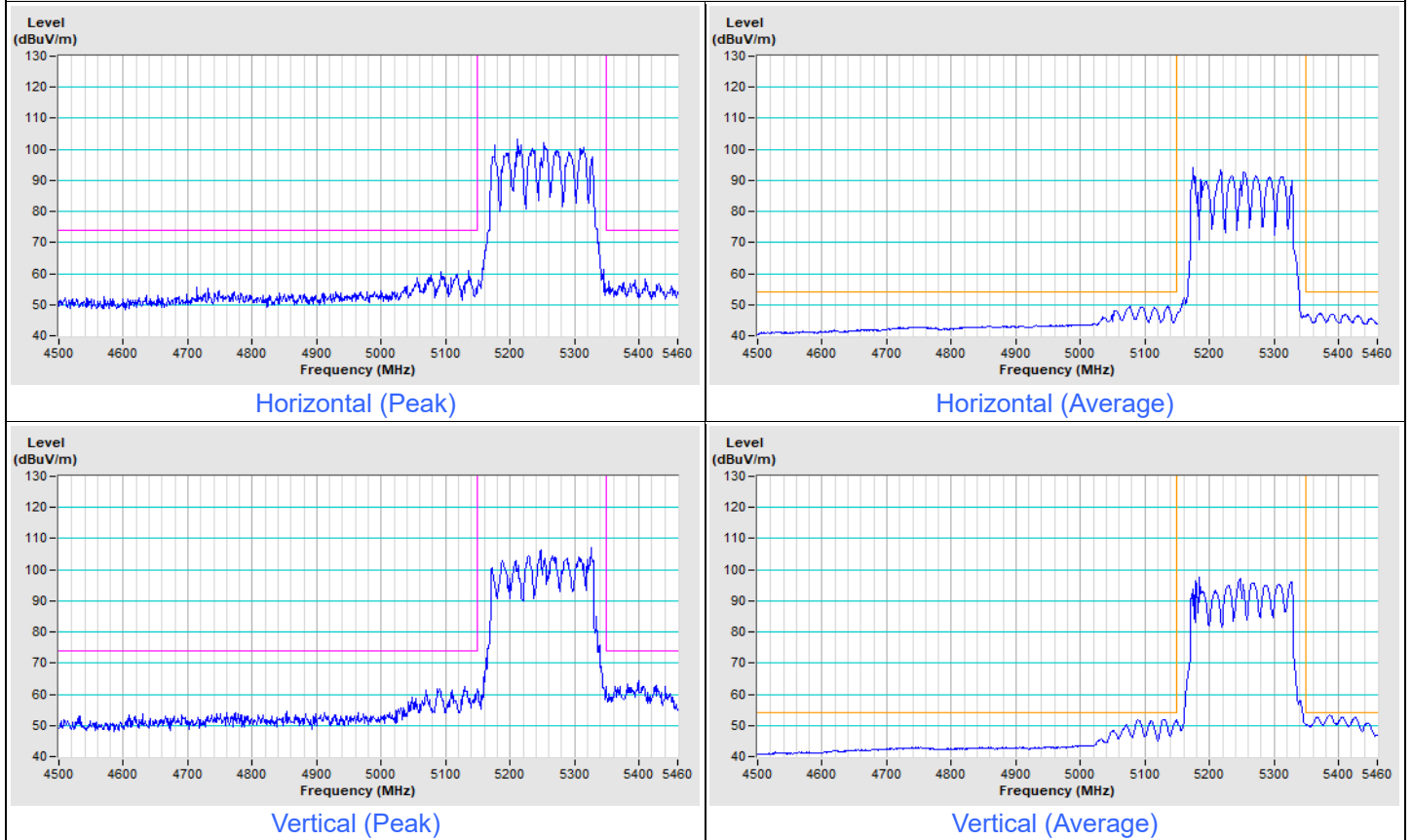
Frequency Range	5.55 GHz ~ 6.025 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11be (EHT80) Channel 155



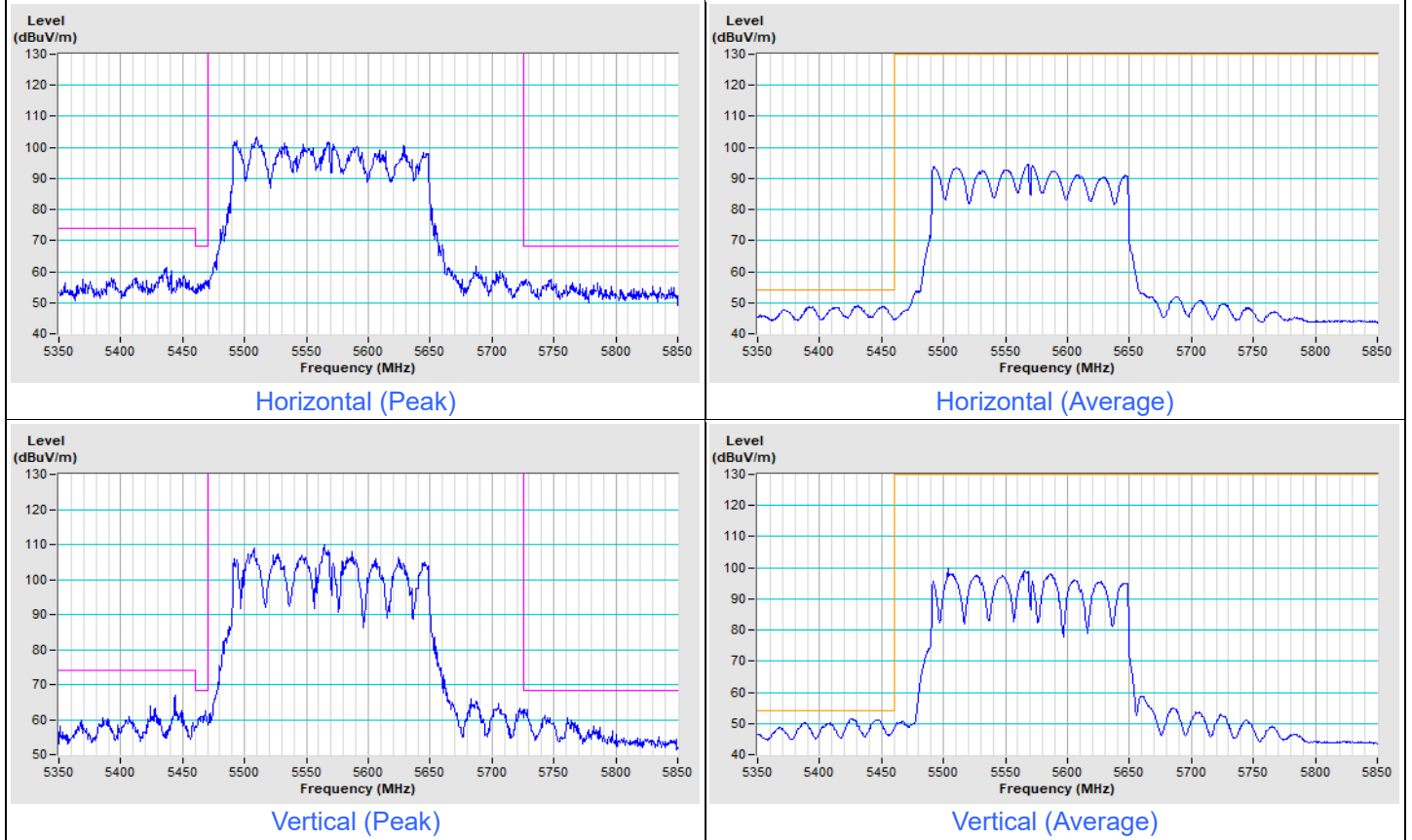
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
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802.11be (EHT160) Channel 50



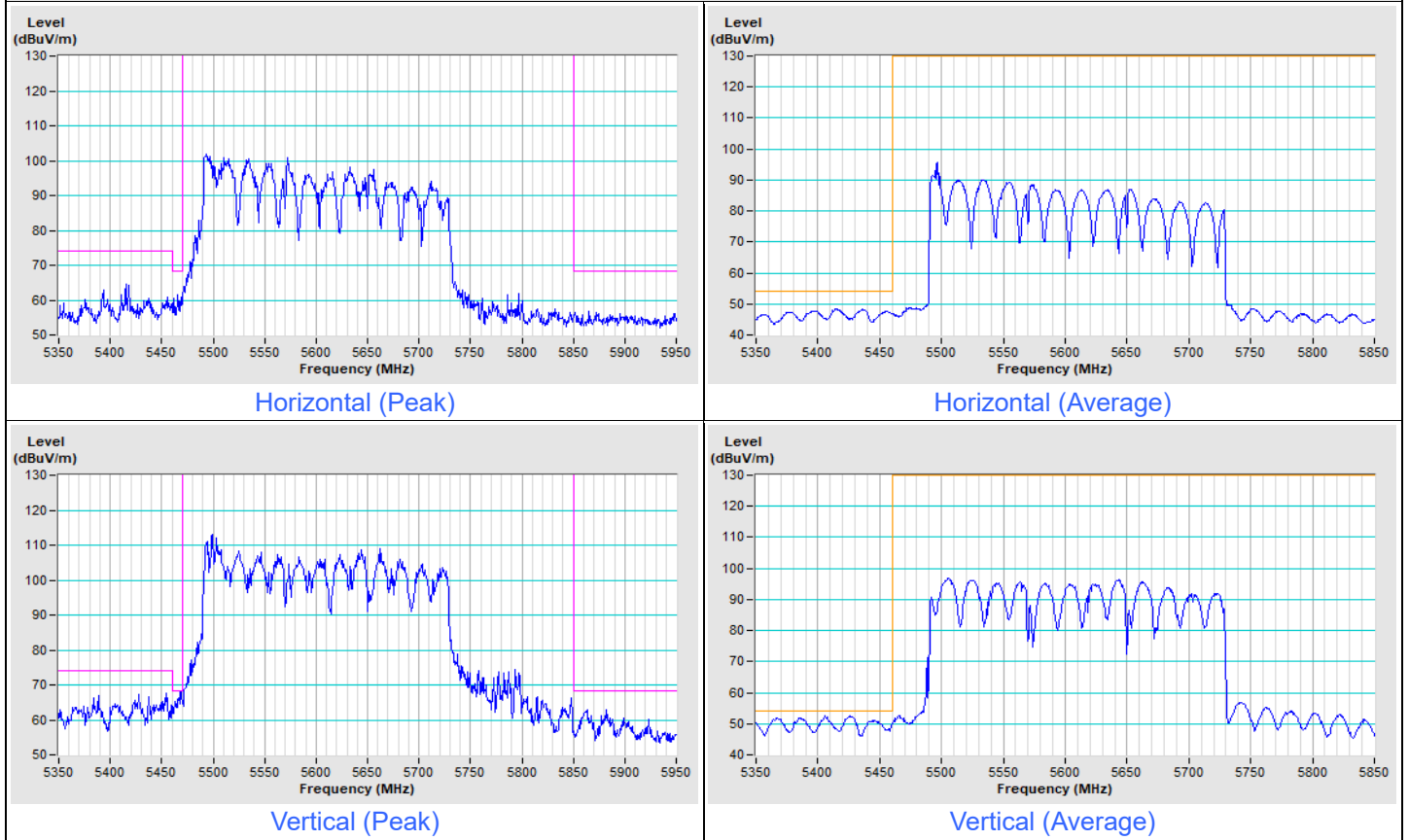
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
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802.11be (EHT160) Channel 114



Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
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802.11be (EHT240) Channel 122



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Email: service.adt@bureauveritas.com

Web Site: <http://ee.bureauveritas.com.tw>

The address and road map of all our labs can be found in our web site also.

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