

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)
Report No.: RFBBQZ-WTW-P25110261-1
FCC ID: PY325300652
Product: BE5000 Dual-Band PoE 2.5G Insight Managed WiFi 7 Access Point
Brand: NETGEAR
Model No.: WBE700
Series Model: WBE708 (refer to item 3.1 for more details)
Received Date: 2025/11/15
Test Date: 2025/11/18 ~ 2026/3/28
Issued Date: 2026/4/17

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration / 788550 / TW0003
Designation Number:

Approved by:

Jeremy Lin

Jeremy Lin / Project Engineer

, Date:

2026/4/17

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Prepared by : Polly Chien / Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFBBQZ-WTW-P25110261-1	Original release.	2026/4/17

1 Certificate

Product: BE5000 Dual-Band PoE 2.5G Insight Managed WiFi 7 Access Point

Brand: NETGEAR

Test Model: WBE700

Series Model: WBE708 (refer to item 3.1 for more details)

Sample Status: Engineering sample

Applicant: NETGEAR, INC.

Test Date: 2025/11/18 ~ 2026/3/28

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

Measurement procedure: ANSI C63.10-2020
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(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -14.52 dB at 0.53800 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -1.9 dB at 39.84 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 -0.4 dB at 5662.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.

Notes:

- Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
- 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	-	206.5 Hz
RF Output Power	-	1.371 dB
Power Spectral Density	-	1.017 dB
6 dB Bandwidth	-	206.5 Hz
Occupied Bandwidth	-	72 Hz
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.88 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.59 dB
	30 MHz ~ 1 GHz	3.64 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	2.29 dB
	18 GHz ~ 40 GHz	2.29 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	BE5000 Dual-Band PoE 2.5G Insight Managed WiFi 7 Access Point
Brand	NETGEAR
Test Model	WBE700
Series Model	WBE708
Model Difference	Refer to Note
Status of EUT	Engineering sample
Power Supply Rating	12 Vdc from Adapter 54 Vdc from POE
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	Up to 4323.5 Mbps
Operating Frequency	5.18 GHz ~ 5.25 GHz 5.25 GHz ~ 5.32 GHz 5.50 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):2 802.11 be (EHT240): 1
Output Power	5.18 GHz ~ 5.25 GHz: 518.363 mW (27.15 dBm) 5.25 GHz ~ 5.32 GHz: 211.399 mW (23.25 dBm) 5.50 GHz ~ 5.72 GHz: 209.684 mW (23.22 dBm) 5.745 GHz ~ 5.825 GHz: 415.993 mW (26.19 dBm)
EUT Category	Indoor Access Point

Note:

1. All models are listed as below.

Brand	Model	HW	FW	Differences
NETGEAR	WBE700	Identical	Identical	SKU, Packing and labelling information Target retail markets
	WBE708	Identical	Identical	SKU, Packing and labelling information Target service provider markets

2. Simultaneously transmission combination.

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

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

3. The EUT uses following support units.

Item	Brand	Model	Specification
AC Adapter	NETGEAR	2AAJ018FC	AC Input: 100-240V~, 50/60Hz, 0.6A DC Output: 12V, 1.5A, 18.0W AC Cable: 1.8M, 0core
POE	NETGEAR	MS108UP	Input: 54Vdc, 4.7A
POE Adapter	NETGEAR	2ABU130S	AC Input: 100-240V~, 50/60Hz, 2.0A DC Output: 54V, 2.4A, 130W AC Cable: 1.8M, 0core DC Output Cable: 1.5M, one core

4. The above EUT information is declared by manufacturer and for more detailed features description, please refer 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.	Antenna Gain(dBi)	Frequency range	Antenna Type	Connector Type
2G-1	3.20	2400 MHz	PIFA	ipex(MHF)
	3.21	2450 MHz		
	3.16	2500 MHz		
2G-2	3.24	2400 MHz		
	3.30	2450 MHz		
	3.22	2500 MHz		
5G-1	3.54	5.15~5.25GHz	PIFA	ipex(MHF)
	3.54	5.25~5.35GHz		
	3.81	5.47~5.725GHz		
	3.86	5.725~5.85GHz		
	3.86	5.850GHz~5.895GHz		
5G-2	3.46	5.15~5.25GHz	PIFA	ipex(MHF)
	3.46	5.25~5.35GHz		
	3.70	5.47~5.725GHz		
	3.57	5.725~5.85GHz		
	3.57	5.850GHz~5.895GHz		

* 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	Beamforming Mode	TX & RX Configuration	
802.11a	Not Support	2TX	2RX
802.11n (HT20)	Support	2TX	2RX
802.11n (HT40)	Support	2TX	2RX
802.11ac (VHT20)	Support	2TX	2RX
802.11ac (VHT40)	Support	2TX	2RX
802.11ac (VHT80)	Support	2TX	2RX
802.11ac (VHT160)	Support	2TX	2RX
802.11ax (HE20)	Support	2TX	2RX
802.11ax (HE40)	Support	2TX	2RX
802.11ax (HE80)	Support	2TX	2RX
802.11ax (HE160)	Support	2TX	2RX
802.11be (EHT20)	Support	2TX	2RX
802.11be (EHT40)	Support	2TX	2RX
802.11be (EHT80)	Support	2TX	2RX
802.11be (EHT160)	Support	2TX	2RX
802.11be (EHT240)	Support	2TX	2RX

Note:

- All of modulation mode support beamforming function except 802.11a modulation mode.
- 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.
- 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, 240 MHz), therefore the investigated worst case to representative mode in test report.
- The EUT does not use channel puncturing and bandwidth reduction.

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
114+138	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. For test items: Adapter mode and POE mode. Pre-scan these modes and find the worst case as a representative test condition. 2. EUT can be used in the following ways: X-axis / Y-axis / Z-axis. Pre-scan these ways 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. The Worst Condition: POE mode 2. X-axis / Y-axis / Z-axis Worst Condition: Y-axis

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)	CDD	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0
	802.11be (EHT40)	CDD	54, 62, 102, 110, 134, 142	BPSK	MCS0
	802.11be (EHT80)	CDD	58, 106, 122, 138	BPSK	MCS0
	802.11be (EHT160)	CDD	50, 114	BPSK	MCS0
	802.11be (EHT240)	CDD	114+138	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)	CDD & Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)	CDD & Beamforming	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
	802.11be (EHT80)	CDD & Beamforming	42, 58, 106, 122, 138, 155	BPSK	MCS0
	802.11be (EHT160)	CDD & Beamforming	50, 114	BPSK	MCS0
	802.11be (EHT240)	CDD & Beamforming	114+138	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)	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)	CDD	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
	802.11be (EHT80)	CDD	42, 58, 106, 122, 138, 155	BPSK	MCS0
	802.11be (EHT160)	CDD	50, 114	BPSK	MCS0
	802.11be (EHT240)	CDD	114+138	BPSK	MCS0
6 dB Bandwidth	802.11a	CDD	144, 149, 157, 165	BPSK	6Mb/s
	802.11ax (HE20)	CDD	144, 149, 157, 165	BPSK	MCS0
	802.11ax (HE40)	CDD	142, 151, 159	BPSK	MCS0
	802.11ax (HE80)	CDD	138, 155	BPSK	MCS0

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

3.5 Duty Cycle of Test Signal

802.11a: Duty cycle = 1.985 ms / 1.99 ms x 100% = 99.7%

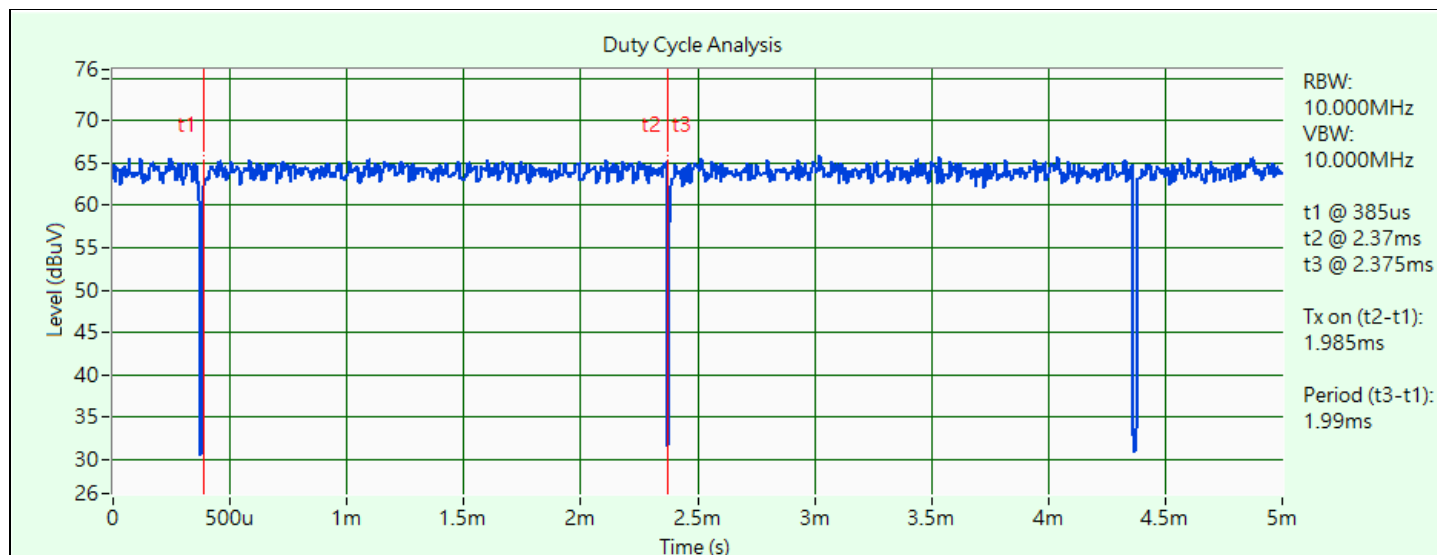
802.11be (EHT20): Duty cycle = 5.475 ms / 5.52 ms x 100% = 99.2%

802.11be (EHT40): Duty cycle = 5.475 ms / 5.505 ms x 100% = 99.5%

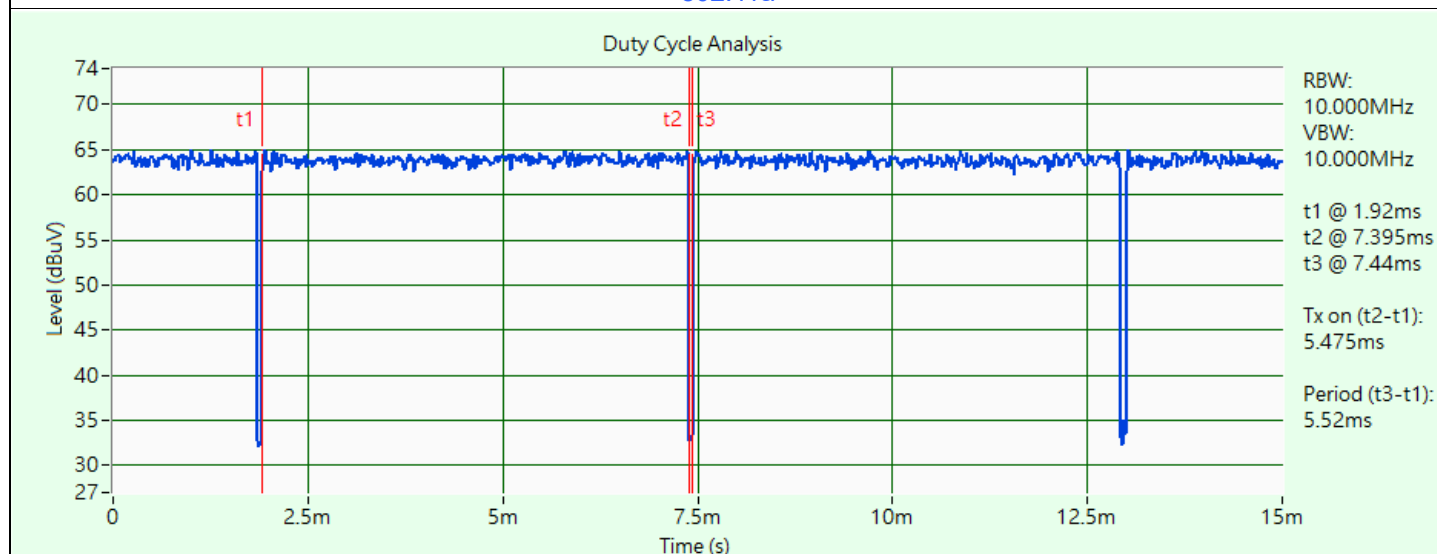
802.11be (EHT80): Duty cycle = 5.475 ms / 5.52 ms x 100% = 99.2%

802.11be (EHT160): Duty cycle = 5.46 ms / 5.55 ms x 100% = 98.4%

802.11be (EHT240): Duty cycle = 5.475 ms / 5.58 ms x 100% = 98.1%

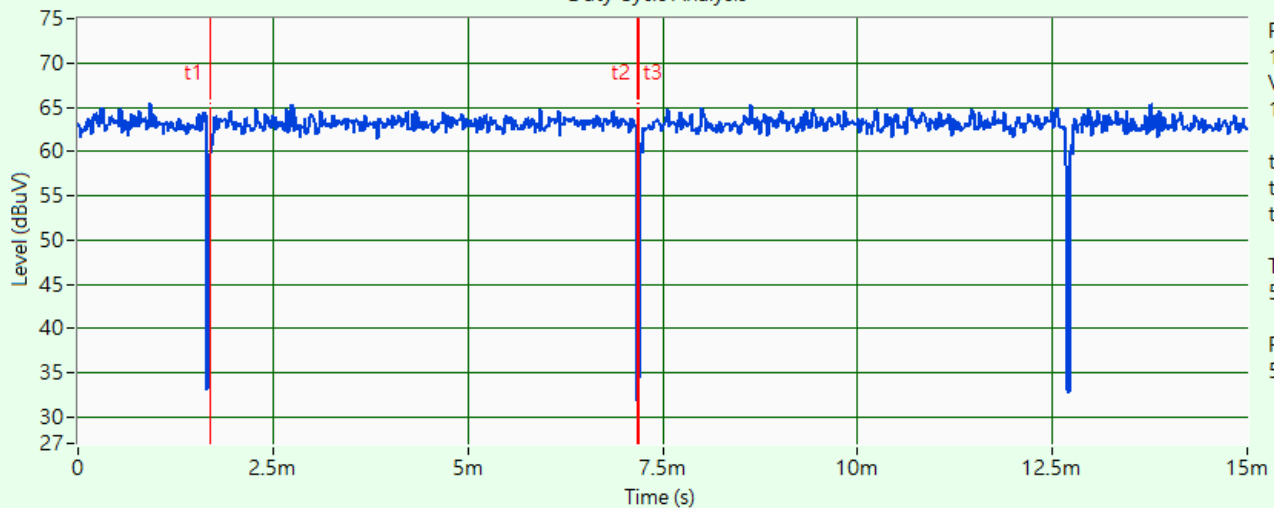


802.11a



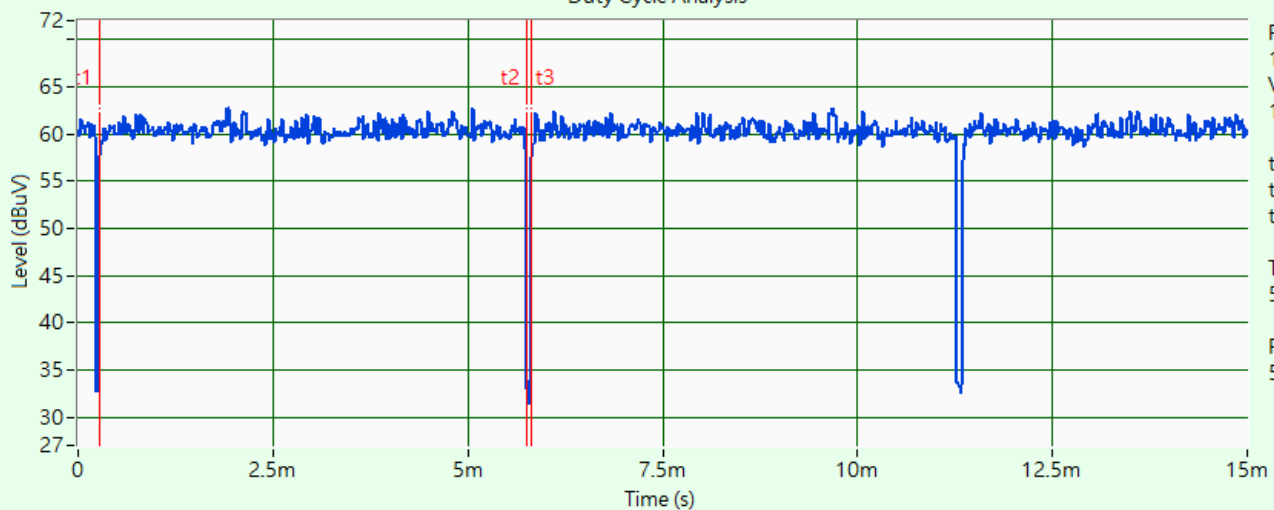
802.11be (EHT20)

Duty Cycle Analysis



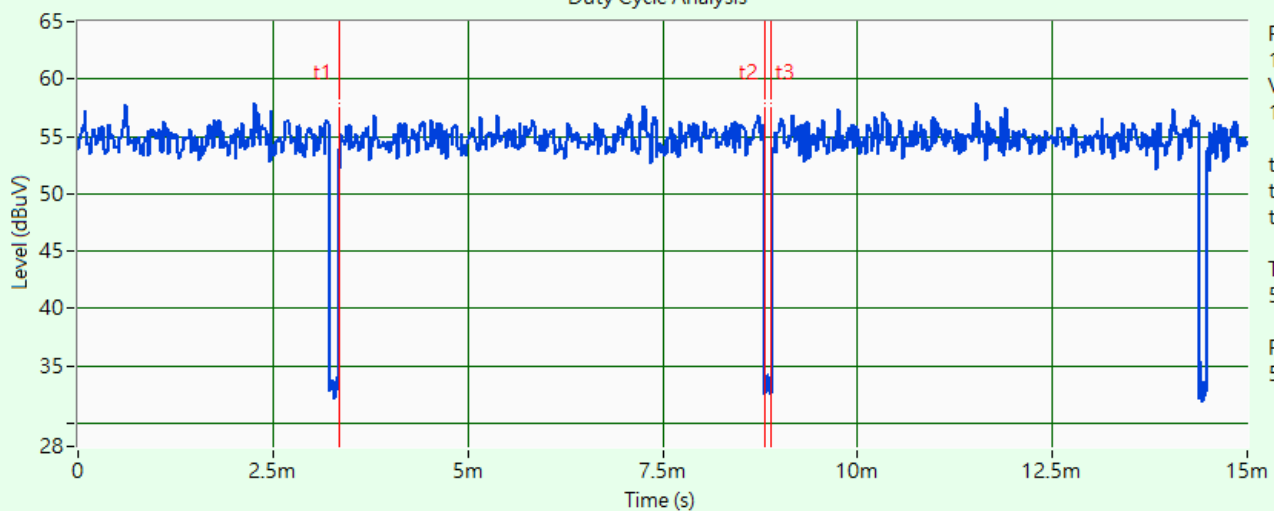
802.11be (EHT40)

Duty Cycle Analysis

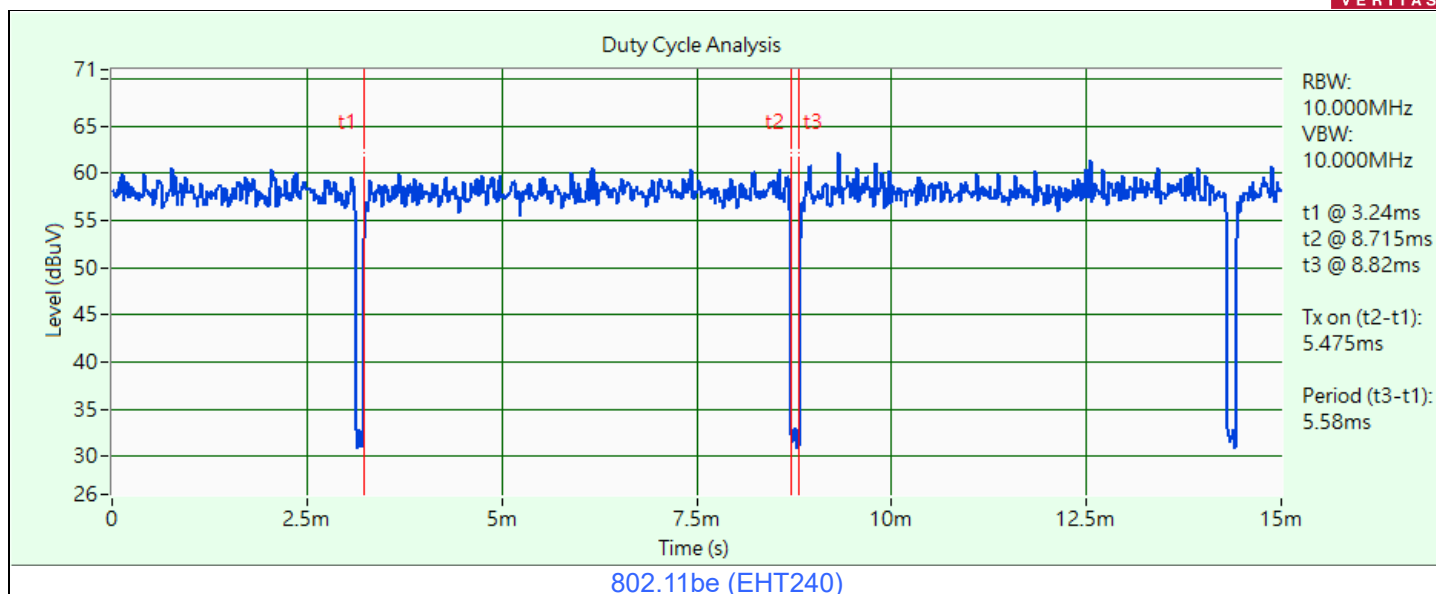


802.11be (EHT80)

Duty Cycle Analysis



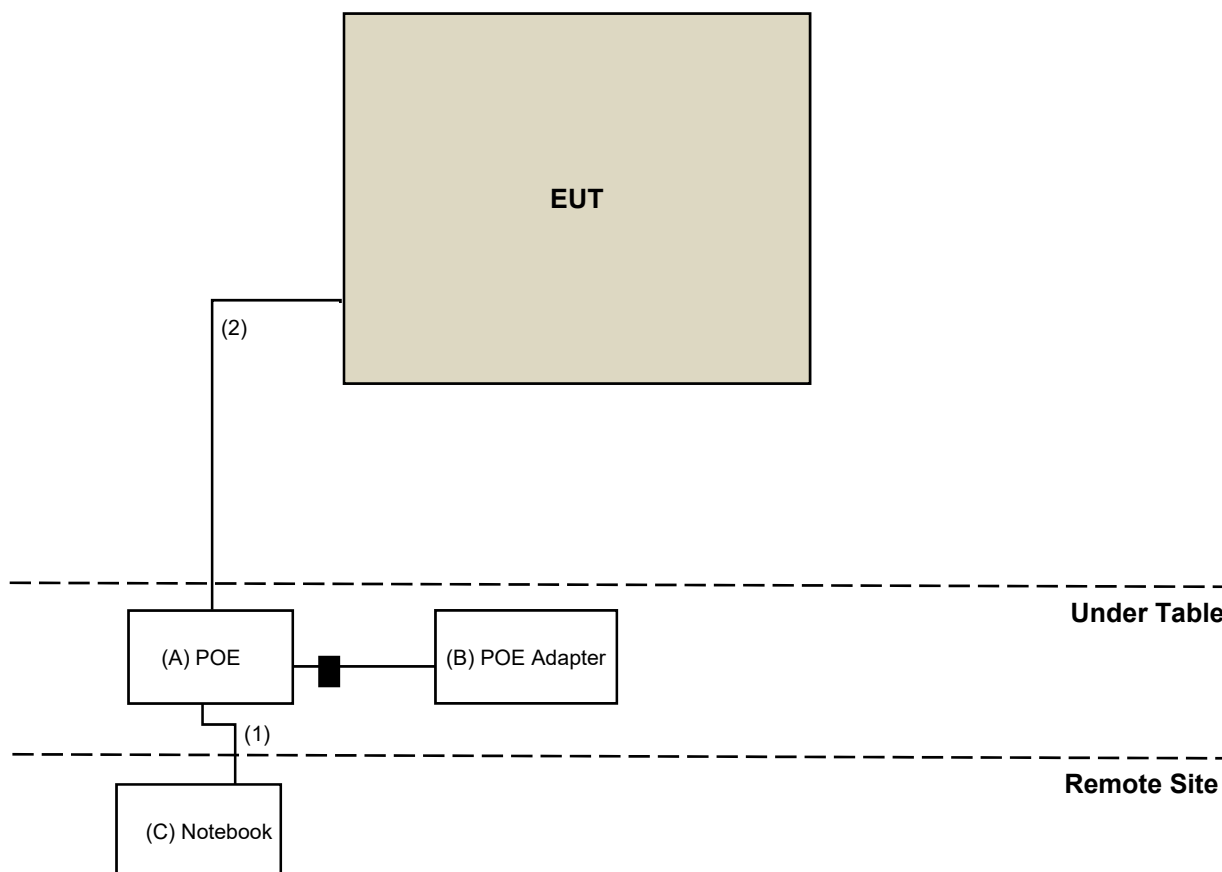
802.11be (EHT160)



3.6 Test Program Used and Operation Descriptions

Controlling software QPST Version 2.0-00202 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	POE	NETGEAR	MS108UP	N/A	N/A	Supplied by applicant
B	POE Adapter	NETGEAR	2ABU130S	N/A	N/A	Supplied by applicant
C	Notebook	DELL	E5430	2RL3YW1	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	RJ-45 Cable	1	10	No	0	Provided by Lab
2	RJ-45 Cable	1	1.5	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
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
Signal & Spectrum Analyzer R&S	FSV3044	101504	2025/6/18	2026/6/17
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/3/28

4.2 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
Peak Power Analyzer Keysight	8990B	MY51000538	2025/5/23	2026/5/22
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
USB Power Sensor Anritsu	MA24408A	12994	2025/12/5	2026/12/4

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/3/28

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 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance HUBER+SUHNER	E1-011276	01	2025/2/11	2026/2/10
	E1-011277	02	2025/10/31	2026/10/30
	E1-011313	11	2025/2/11	2026/2/10
DC LISN Schwarzbeck	NNBM 8126G	8126G-069	2025/11/3	2026/11/2
Diode Pulse Limiter Schwarzbeck	VTSD 9561 F-N	01445	2025/4/27	2026/4/26
EMI Test Receiver R&S	ESCI	100613	2025/11/27	2026/11/26
LISN R&S	ENV216	101826	2025/3/24	2026/3/23
	ESH3-Z5	100311	2025/8/28	2026/8/27
RF Coaxial Cable Woken	5D-FB	Cable-cond1-01	2026/1/3	2027/1/2
Software BVADT	BVADT_Conf_ V7.4.1.0	N/A	N/A	N/A
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2025/8/27	2026/8/26

Notes:

1. The test was performed in HY - Conduction 1.
2. Tested Date: 2026/1/30

4.7 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-155	2025/9/16	2026/9/15
EMI Test Receiver R&S	ESR3	102782	2025/12/8	2026/12/7
Loop Antenna TESEQ	HLA 6121	45745	2025/9/1	2026/8/31
Preamplifier Agilent	8447D	2944A10631	2025/4/27	2026/4/26
RF Coaxial Cable Woken	8D-FB	Cable-CH4-01	2025/6/30	2026/6/29
Signal & Spectrum Analyzer R&S	FSW43	101582	2025/4/15	2026/4/14
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3(Hwaya).
2. Tested Date: 2026/1/29

4.8 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	5	N/A	N/A
EMI Test Receiver R&S	ESR3	102782	2024/12/10 2025/12/8	2025/12/9 2026/12/7
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-408	2025/11/9	2026/11/8
	BBHA 9170	9170-480	2025/11/9	2026/11/8
		BBHA9170241	2025/10/28	2026/10/27
		BBHA9170243	2025/11/9	2026/11/8
Preamplifier EMCI	EMC 184045	980116	2025/9/21	2026/9/20
Preamplifier Keysight	83017A	MY53270295	2025/4/27	2026/4/26
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2025/6/30	2026/6/29
	EMC102-KM-KM-3000	150929	2025/6/30	2026/6/29
RF Coaxial Cable HUBER+SUHNER	EMC104-SM-SM-10000	Cable-CH1-01(RFC-SMS-100-SMS-120+RFC-SMS-100-SMS-4)	2025/4/27	2026/4/26
	SUCOFLEX 104	Cable-CH4-03(250724)	2025/4/27	2026/4/26
Signal & Spectrum Analyzer R&S	FSW43	101582	2025/4/15	2026/4/14
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3(Hwaya).
2. Tested Date: 2025/11/18 ~ 2026/3/27

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 Points	1 Watt (30 dBm)
	Indoor Access Point	1 Watt (30 dBm)
	Client devices	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 Points	
	Indoor Access Point	
	Client devices	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 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.

5.7 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).

5.8 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.

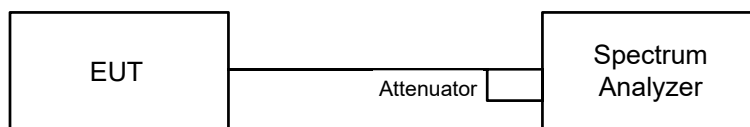
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 26 dB Bandwidth

6.1.1 Test Setup

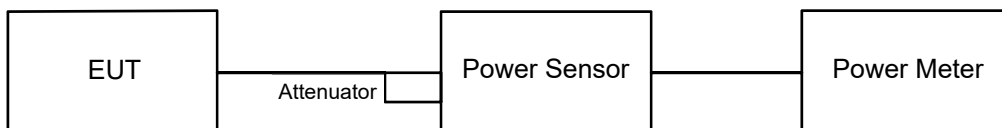


6.1.2 Test Procedure

- a. Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
- b. Set the VBW > RBW.
- c. Detector = peak.
- d. Trace mode = max-hold.
- e. 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 instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

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:

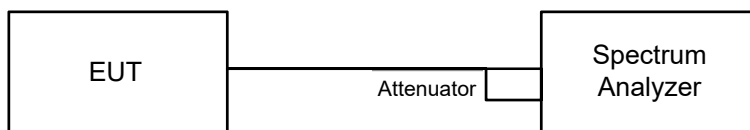
Method SA-1

- Set span to encompass the entire 99% OBW of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS.
- Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (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 (rms) mode.
- Compute power by integrating the spectrum across the 99% OBW of the signal using the instrument's band-power measurement function, with band limits set equal to the 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 99% OBW of the spectrum.
- Record the max value.

Note: When measuring straddle channel power, use compute power by integrating the spectrum across the 99% OBW of the signal using the instrument's band power measurement function, with band limits set equal to the 99% 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 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 99% OBW 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

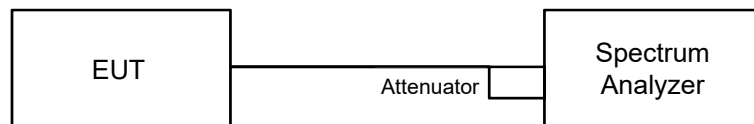
For specified measurement bandwidth 500 kHz:

Method SA-1

- Set span to encompass the entire 99% OBW 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 $\text{BWCF} = 10\log(500 \text{ kHz}/300 \text{ kHz})$.
- 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.

6.4 6 dB Bandwidth

6.4.1 Test Setup

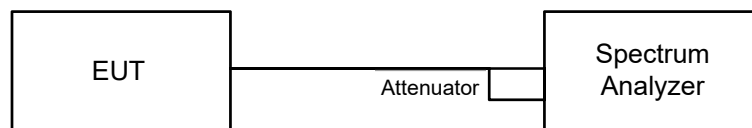


6.4.2 Test Procedure

- Set RBW = 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Trace mode = max-hold.
- Sweep = No faster than coupled (auto) time.
- Allow the trace to stabilize.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.5 Occupied Bandwidth

6.5.1 Test Setup



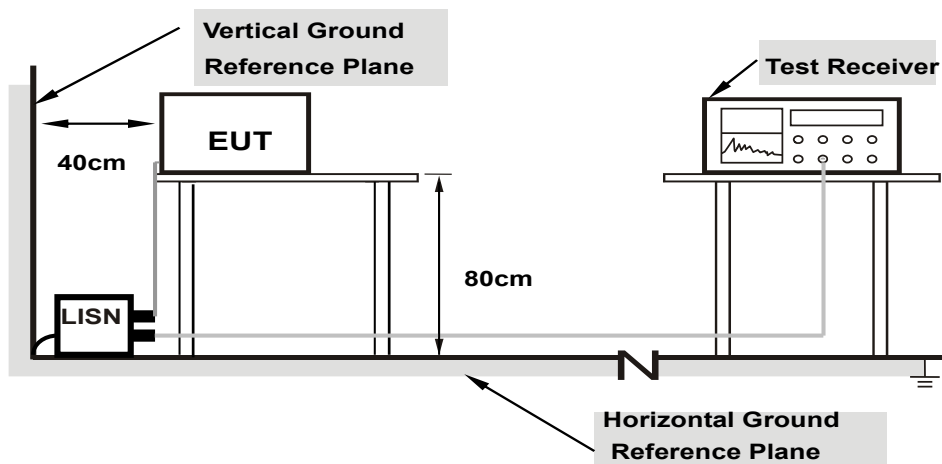
6.5.2 Test Procedure

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

- a. The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b. The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.
- c. Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level.
- d. Step a) through step c) might require iteration to adjust within the specified range.
- e. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used.
- f. Use the 99% power bandwidth function of the instrument and report the measured bandwidth.

6.6 AC Power Conducted Emissions

6.6.1 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).

6.6.2 Test Procedure

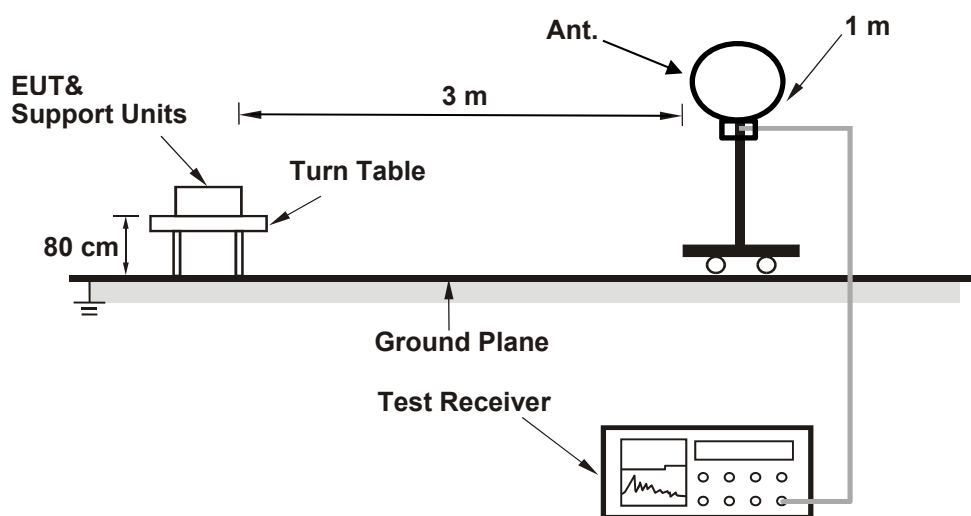
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The 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.

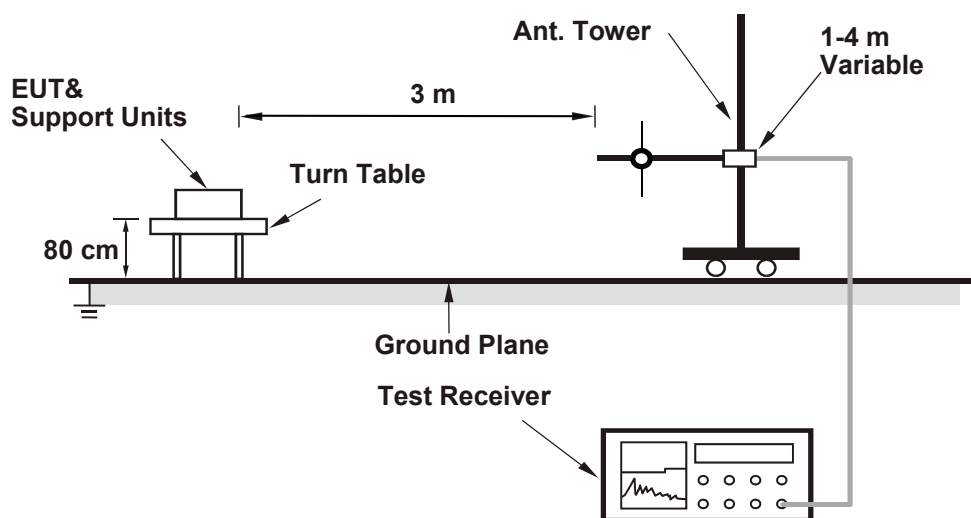
6.7 Unwanted Emissions below 1 GHz

6.7.1 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).

6.7.2 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 (however, peak detector measurements may be used to determine compliance with QP requirements), 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

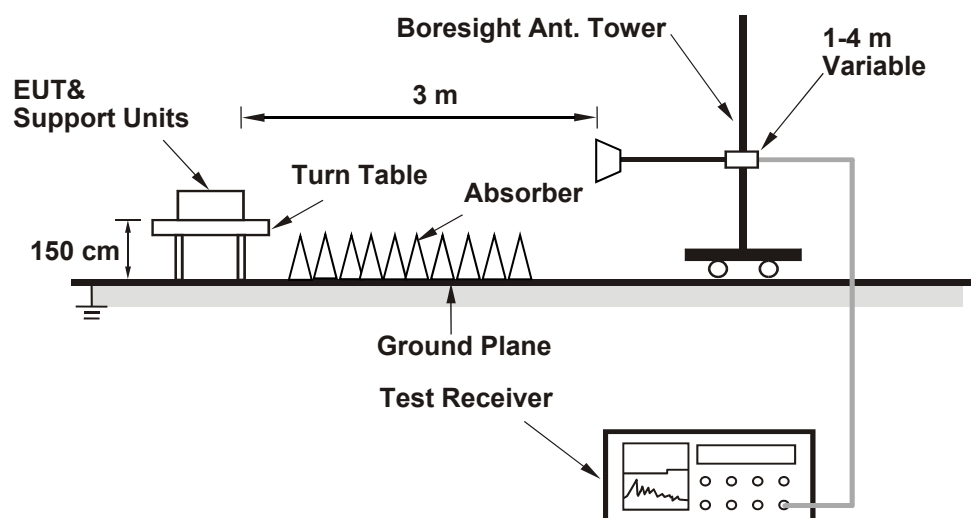
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the 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(QP) detect function, Average(AV) detect function, Peak(PK) detect function and specified bandwidth with maximum hold mode when the test frequencies less than or equal to 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 (however, peak detector measurements may be used to determine compliance with QP requirements).
2. All modes of operation were investigated and the worst-case emissions are reported.

6.8 Unwanted Emissions above 1 GHz

6.8.1 Test Setup



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

6.8.2 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

Environmental Conditions:	25°C, 60% RH	Tested By:	Ivan Tseng
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802.11a

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	22.77	22.72
60	5300	22.44	22.76
64	5320	22.67	22.85
100	5500	21.96	22.83
116	5580	22.23	22.88
140	5700	22.41	22.22
144 (U-NII-2C)	5720	16.35	15.89
144 (U-NII-3)	5720	6.29	6.26

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	22.72	24.56	>	24
60	5300	22.44	24.51	>	24
64	5320	22.67	24.55	>	24
100	5500	21.96	24.41	>	24
116	5580	22.23	24.46	>	24
140	5700	22.22	24.46	>	24
144 (U-NII-2C)	5720	15.89	23.01	<	24

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

802.11be (EHT20)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	24.12	24.11
60	5300	23.54	24.27
64	5320	23.83	24.06
100	5500	21.85	24.68
116	5580	22.01	23.95
140	5700	22.49	23.50
144 (U-NII-2C)	5720	16.34	16.66
144 (U-NII-3)	5720	6.46	6.52

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	24.11	24.82	>	24
60	5300	23.54	24.71	>	24
64	5320	23.83	24.77	>	24
100	5500	21.85	24.39	>	24
116	5580	22.01	24.42	>	24
140	5700	22.49	24.51	>	24
144 (U-NII-2C)	5720	16.34	23.13	<	24

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

802.11be (EHT40)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	43.93	43.88
62	5310	44.00	44.00
102	5510	43.97	43.70
110	5550	44.00	44.26
134	5670	44.01	44.11
142 (U-NII-2C)	5710	37.57	37.11
142 (U-NII-3)	5710	6.78	6.68

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	43.88	27.42	>	24
62	5310	44.00	27.43	>	24
102	5510	43.70	27.4	>	24
110	5550	44.00	27.43	>	24
134	5670	44.01	27.43	>	24
142 (U-NII-2C)	5710	37.11	26.69	>	24

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

802.11be (EHT80)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	87.35	88.56
106	5530	86.95	87.15
122	5610	88.00	87.61
138 (U-NII-2C)	5690	79.37	79.28
138 (U-NII-3)	5690	7.67	9.21

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	87.35	30.41	>	24
106	5530	86.95	30.39	>	24
122	5610	87.61	30.42	>	24
138 (U-NII-2C)	5690	79.28	29.99	>	24

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

802.11be (EHT160)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-1)	5250	87.21	87.32
50 (U-NII-2A)	5250	88.29	86.51
114	5570	175.16	175.49

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
50 (U-NII-2A)	5250	86.51	30.37	>	24
114	5570	175.16	33.43	>	24

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

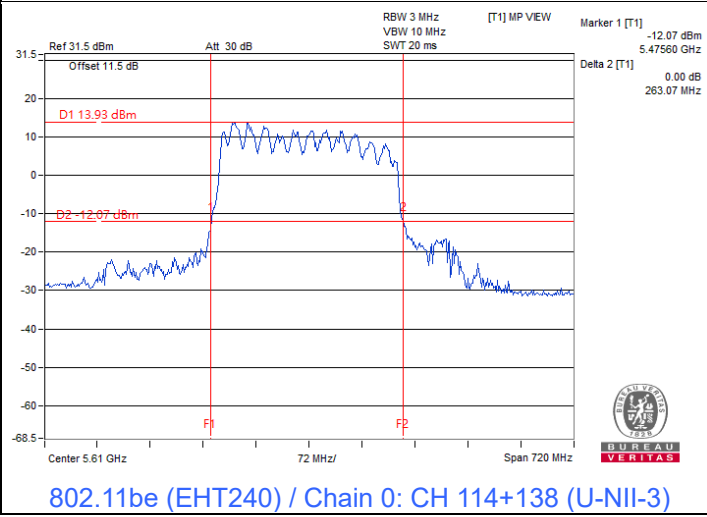
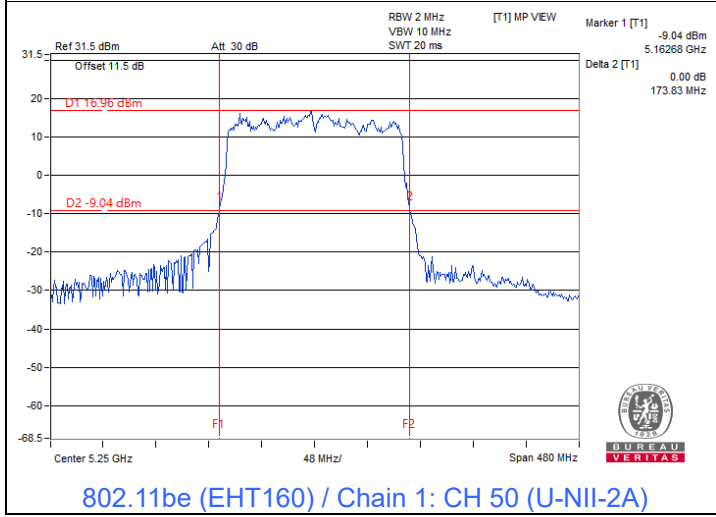
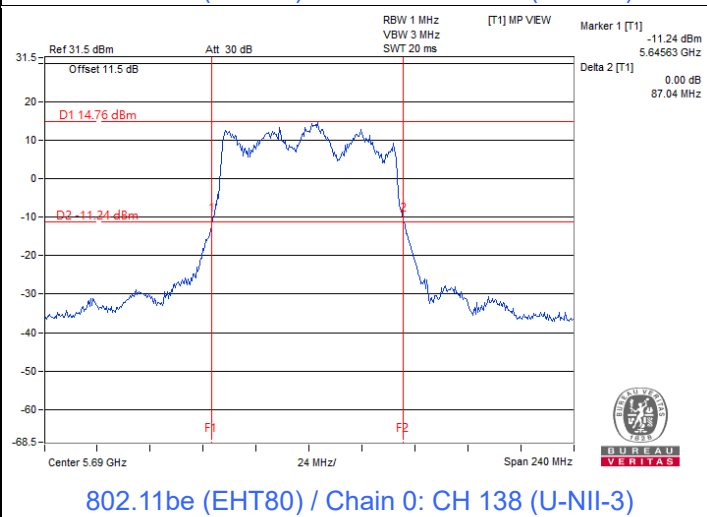
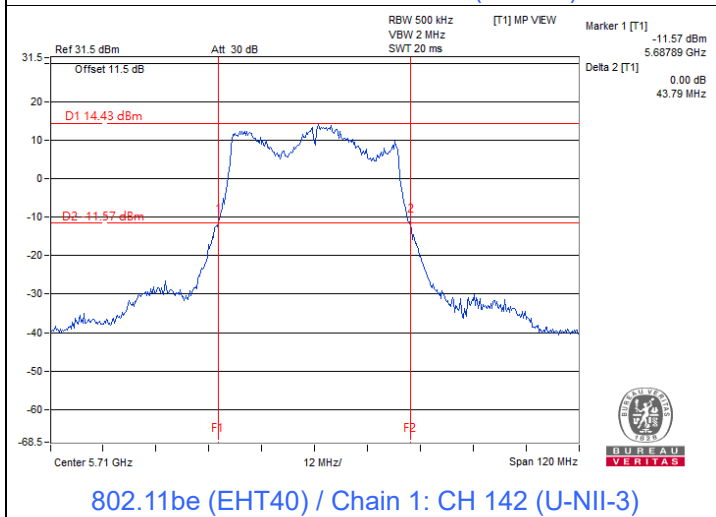
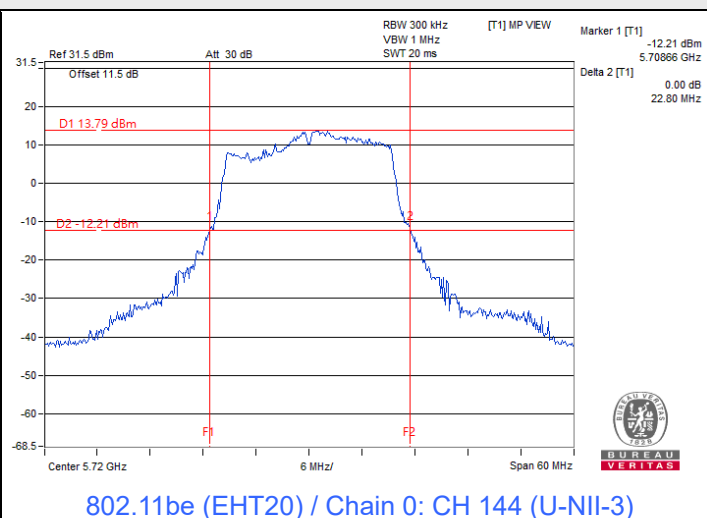
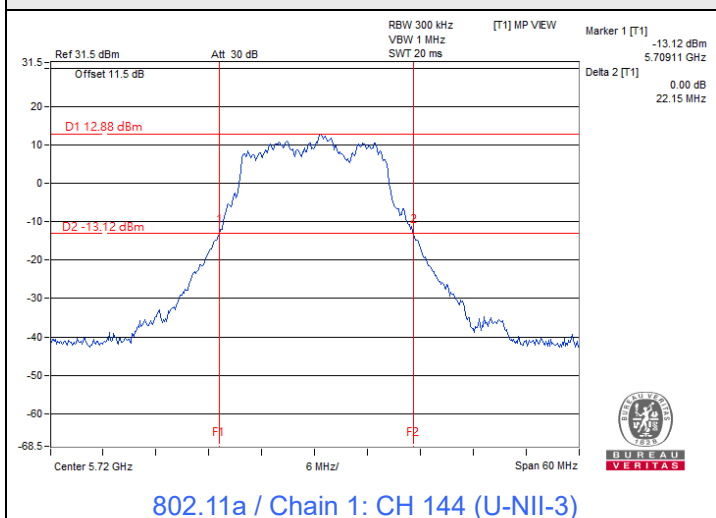
802.11be (EHT240)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
114+138 (U-NII-2C)	5610	249.40	251.68
114+138 (U-NII-3)	5610	13.67	19.54

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
114+138 (U-NII-2C)	5610	249.40	34.96	>	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

Environmental Conditions:	25°C, 60% RH	Tested By:	Ivan Tseng
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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	23.09	23.43	423.997	26.27	30	Pass
40	5200	23.15	23.17	414.029	26.17	30	Pass
48	5240	24.04	24.23	518.363	27.15	30	Pass
52	5260	20.11	20.17	206.557	23.15	24	Pass
60	5300	20.12	20.21	207.756	23.18	24	Pass
64	5320	20.21	20.07	206.579	23.15	24	Pass
100	5500	20.32	19.94	206.274	23.14	24	Pass
116	5580	20.16	20.08	205.612	23.13	24	Pass
140	5700	19.92	20.15	201.689	23.05	24	Pass
*144 (U-NII-2C)	5720	17.84	18.10	125.379	20.98	23.01	Pass
*144 (U-NII-3)	5720	11.35	11.62	28.167	14.50	30	Pass
149	5745	23.09	23.24	414.567	26.18	30	Pass
157	5785	23.11	23.25	415.993	26.19	30	Pass
165	5825	22.82	23.48	414.269	26.17	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 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 3.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 3.86 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 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	22.71	23.82	427.629	26.31	30	Pass
40	5200	22.92	23.17	403.376	26.06	30	Pass
48	5240	23.01	23.11	404.631	26.07	30	Pass
52	5260	19.91	20.39	207.345	23.17	24	Pass
60	5300	20.12	20.22	207.998	23.18	24	Pass
64	5320	20.10	20.22	207.525	23.17	24	Pass
100	5500	20.69	19.58	208.002	23.18	24	Pass
116	5580	20.42	19.84	206.537	23.15	24	Pass
140	5700	19.92	20.36	206.817	23.16	24	Pass
*144 (U-NII-2C)	5720	17.87	18.40	130.418	21.15	23.13	Pass
*144 (U-NII-3)	5720	12.79	13.30	40.39	16.06	30	Pass
149	5745	22.97	23.22	408.047	26.11	30	Pass
157	5785	23.04	23.31	415.661	26.19	30	Pass
165	5825	22.98	23.34	414.384	26.17	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 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 3.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 3.86 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT40) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	22.52	22.97	376.801	25.76	30	Pass
46	5230	23.28	23.42	432.6	26.36	30	Pass
54	5270	20.15	20.26	209.684	23.22	24	Pass
62	5310	20.32	20.16	211.399	23.25	24	Pass
102	5510	20.34	19.98	207.684	23.17	24	Pass
110	5550	20.35	20.05	209.551	23.21	24	Pass
134	5670	20.06	20.22	206.587	23.15	24	Pass
*142 (U-NII-2C)	5710	18.48	18.99	149.719	21.75	24	Pass
*142 (U-NII-3)	5710	6.16	6.82	8.939	9.51	30	Pass
151	5755	22.62	23.42	402.596	26.05	30	Pass
159	5795	22.60	23.38	399.741	26.02	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 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 3.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 3.86 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT80) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	23.52	24.02	477.254	26.79	30	Pass
58	5290	20.21	20.16	208.707	23.20	24	Pass
106	5530	20.35	19.98	207.933	23.18	24	Pass
122	5610	20.15	20.26	209.684	23.22	24	Pass
*138 (U-NII-2C)	5690	19.03	19.03	159.967	22.04	24	Pass
*138 (U-NII-3)	5690	2.56	3.65	4.12	6.15	30	Pass
155	5775	22.64	23.41	402.934	26.05	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 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 3.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 3.86 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT160) CDD

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	18.94	18.71	152.645	21.84	30	Pass
*50 (U-NII-2A)	5250	18.32	18.09	132.337	21.22	24	Pass
114	5570	20.08	20.15	205.373	23.13	24	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 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 3.54 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 3.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT240) CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*114+138 (U-NII-2C)	5610	17.74	17.89	120.947	20.83	24	Pass
*114+138 (U-NII-3)	5610	-4.69	-5.00	0.6559	-1.83	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-2C, the maximum gain is 3.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 3.86 dBi $\leq$ 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	22.71	23.82	427.629	26.31	29.49	Pass
40	5200	22.92	23.17	403.376	26.06	29.49	Pass
48	5240	23.01	23.11	404.631	26.07	29.49	Pass
52	5260	19.91	20.39	207.345	23.17	23.49	Pass
60	5300	20.12	20.22	207.998	23.18	23.49	Pass
64	5320	20.10	20.22	207.525	23.17	23.49	Pass
100	5500	20.69	19.58	208.002	23.18	23.23	Pass
116	5580	20.42	19.84	206.537	23.15	23.23	Pass
140	5700	19.92	20.36	206.817	23.16	23.23	Pass
*144 (U-NII-2C)	5720	17.87	18.40	130.418	21.15	22.36	Pass
*144 (U-NII-3)	5720	12.79	13.30	40.39	16.06	29.27	Pass
149	5745	22.97	23.22	408.047	26.11	29.27	Pass
157	5785	23.04	23.31	415.661	26.19	29.27	Pass
165	5825	22.98	23.34	414.384	26.17	29.27	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.51 - 6) = 29.49$ dBm.
- For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit - (6.51 - 6)].
- For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit - (6.77 - 6)].
- For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.73 - 6) = 29.27$ 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	22.52	22.97	376.801	25.76	29.49	Pass
46	5230	23.28	23.42	432.6	26.36	29.49	Pass
54	5270	20.15	20.26	209.684	23.22	23.49	Pass
62	5310	20.32	20.16	211.399	23.25	23.49	Pass
102	5510	20.34	19.98	207.684	23.17	23.23	Pass
110	5550	20.35	20.05	209.551	23.21	23.23	Pass
134	5670	20.06	20.22	206.587	23.15	23.23	Pass
*142 (U-NII-2C)	5710	18.48	18.99	149.719	21.75	23.23	Pass
*142 (U-NII-3)	5710	6.16	6.82	8.939	9.51	29.27	Pass
151	5755	22.62	23.42	402.596	26.05	29.27	Pass
159	5795	22.60	23.38	399.741	26.02	29.27	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.51-6) = 29.49$ dBm.
- For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.51-6)].
- For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.77-6)].
- For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.73-6) = 29.27$ 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	23.52	24.02	477.254	26.79	29.49	Pass
58	5290	20.21	20.16	208.707	23.20	23.49	Pass
106	5530	20.35	19.98	207.933	23.18	23.23	Pass
122	5610	20.15	20.26	209.684	23.22	23.23	Pass
*138 (U-NII-2C)	5690	19.03	19.03	159.967	22.04	23.23	Pass
*138 (U-NII-3)	5690	2.56	3.65	4.12	6.15	29.27	Pass
155	5775	22.64	23.41	402.934	26.05	29.27	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.51-6) = 29.49$ dBm.
- For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.51-6)].
- For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.77-6)].
- For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.73-6) = 29.27$ 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	18.94	18.71	152.645	21.84	29.49	Pass
*50 (U-NII-2A)	5250	18.32	18.09	132.337	21.22	23.49	Pass
114	5570	20.08	20.15	205.373	23.13	23.23	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.51-6) = 29.49$ dBm.
- For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.51-6)].
- For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.77-6)].

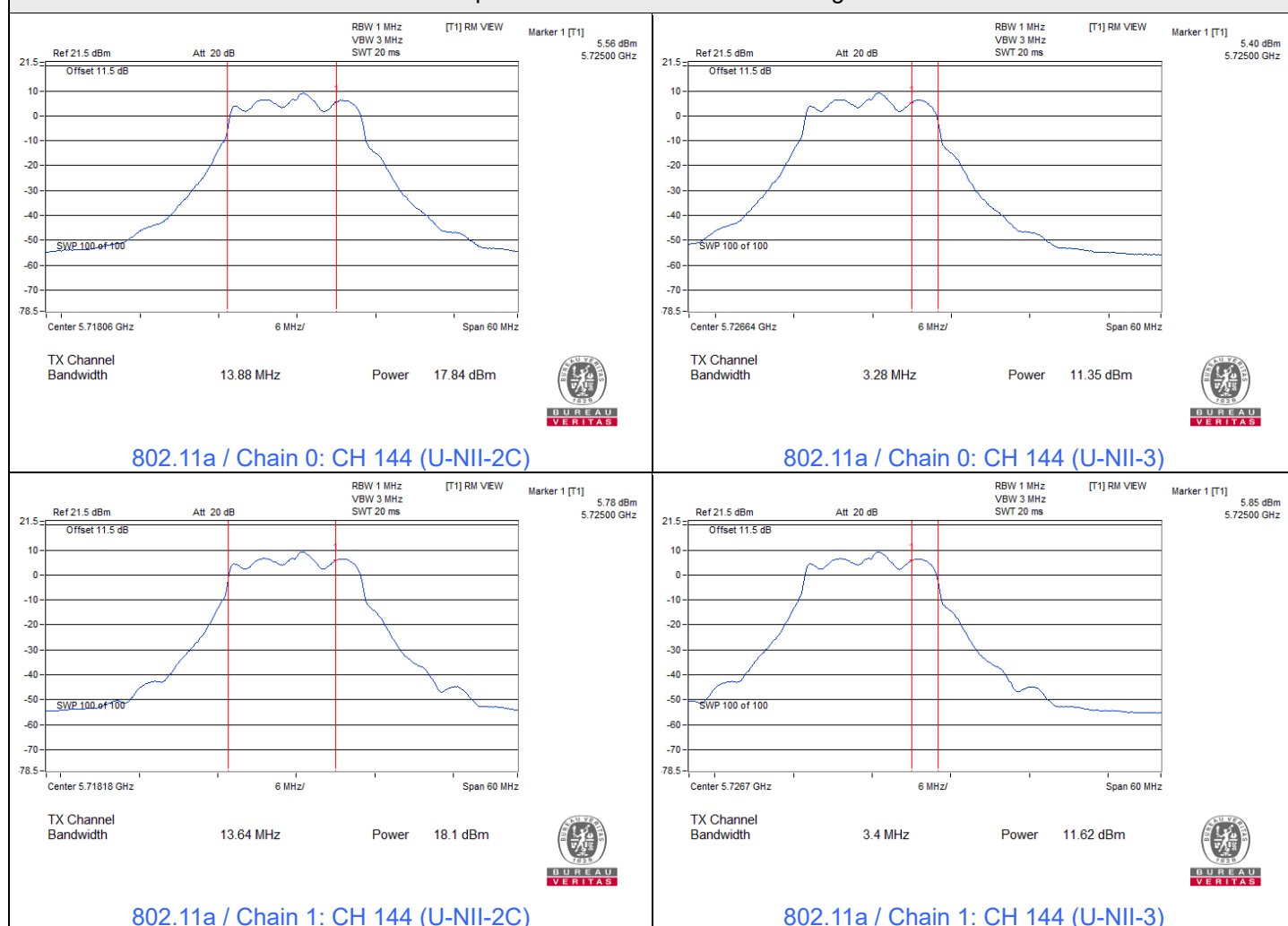
802.11be (EHT240) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*114+138 (U-NII-2C)	5610	17.74	17.89	120.947	20.83	23.23	Pass
*114+138 (U-NII-3)	5610	-4.69	-5.00	0.6559	-1.83	29.27	Pass

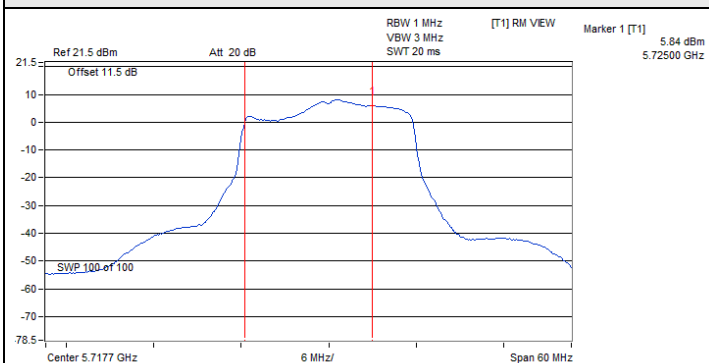
Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.77-6)].
- For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.73-6) = 29.27 dBm.

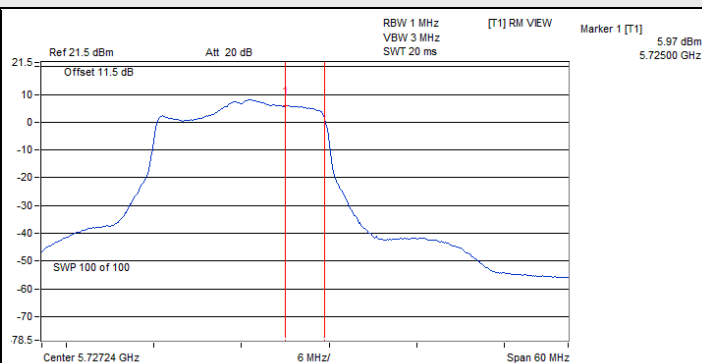
Spectrum Plot for channel straddling



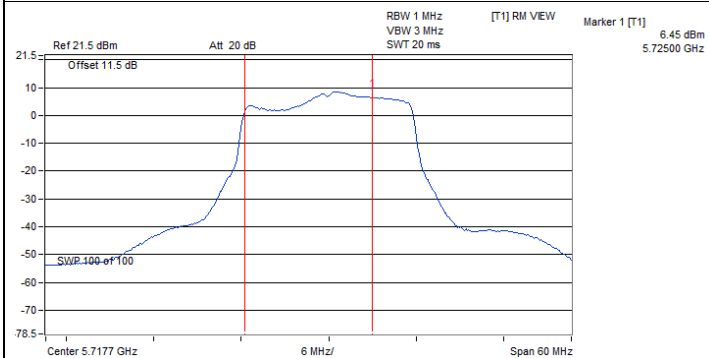
Spectrum Plot for channel straddling



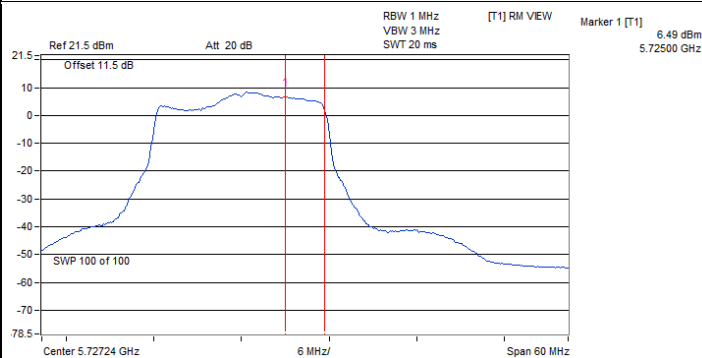
802.11be (EHT20) / Chain 0: CH 144 (U-NII-2C)



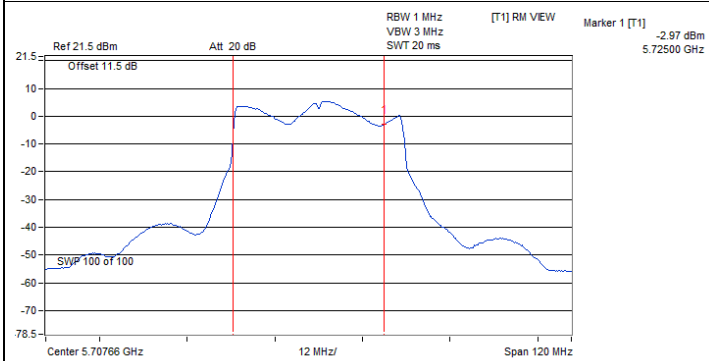
802.11be (EHT20) / Chain 0: CH 144 (U-NII-3)



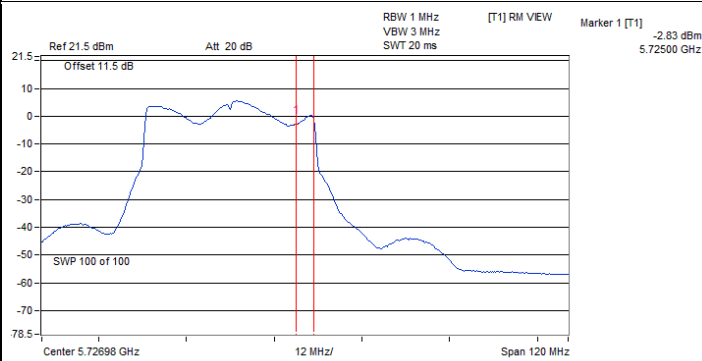
802.11be (EHT20) / Chain 1: CH 144 (U-NII-2C)



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

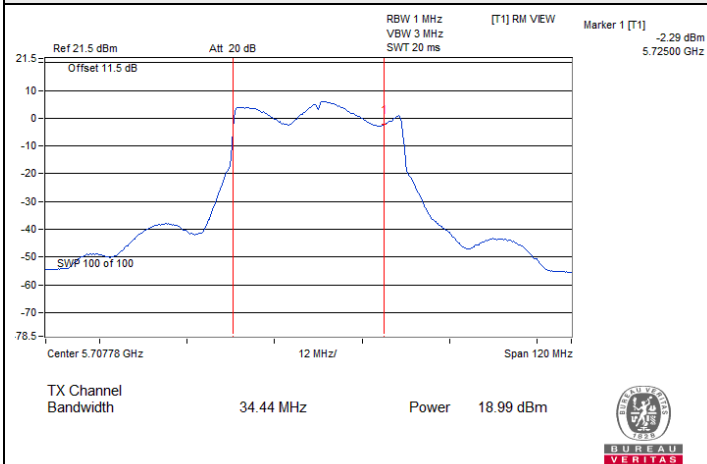


802.11be (EHT40) / Chain 0: CH 142 (U-NII-2C)

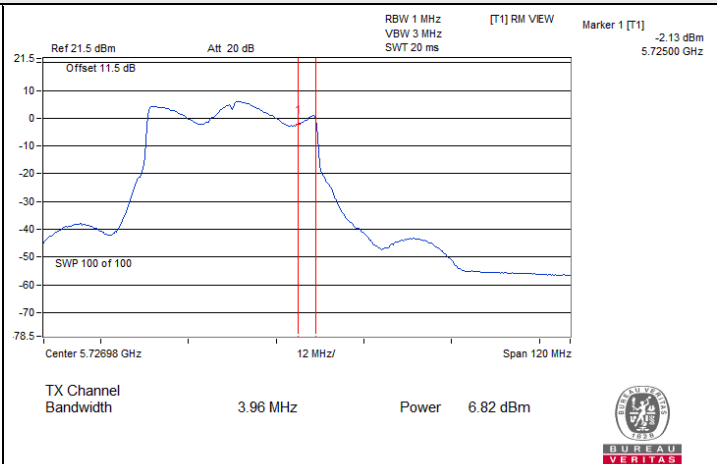


802.11be (EHT40) / Chain 0: CH 142 (U-NII-3)

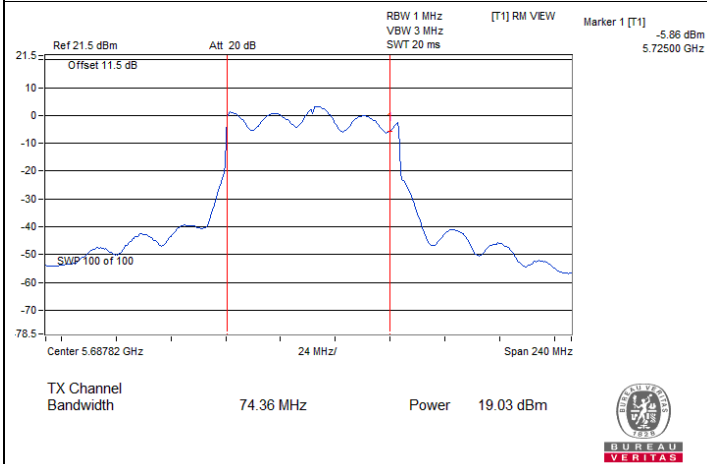
Spectrum Plot for channel straddling



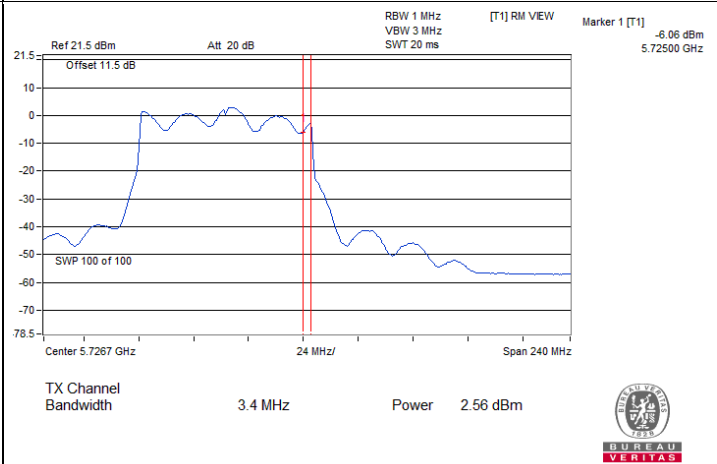
802.11be (EHT40) / Chain 1: CH 142 (U-NII-2C)



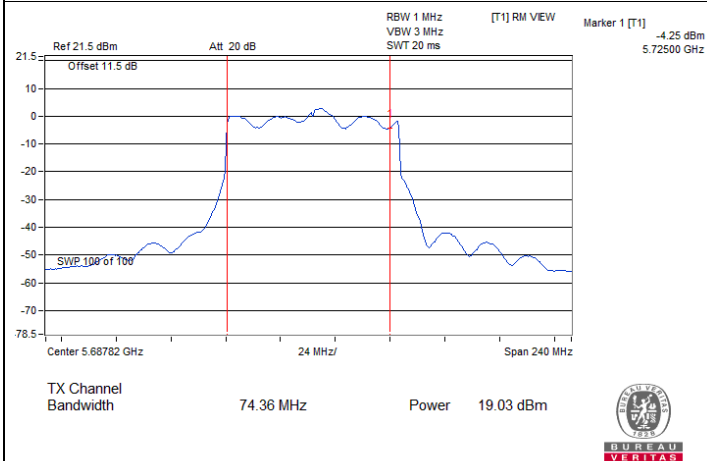
802.11be (EHT40) / Chain 1: CH 142 (U-NII-3)



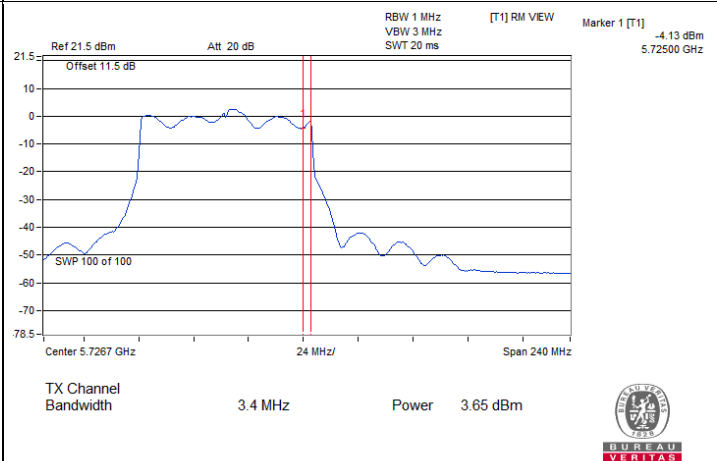
802.11be (EHT80) / Chain 0: CH 138 (U-NII-2C)



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

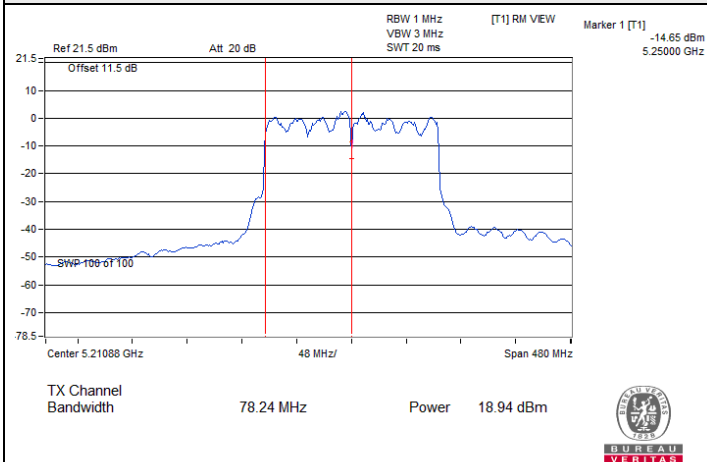


802.11be (EHT80) / Chain 1: CH 138 (U-NII-2C)

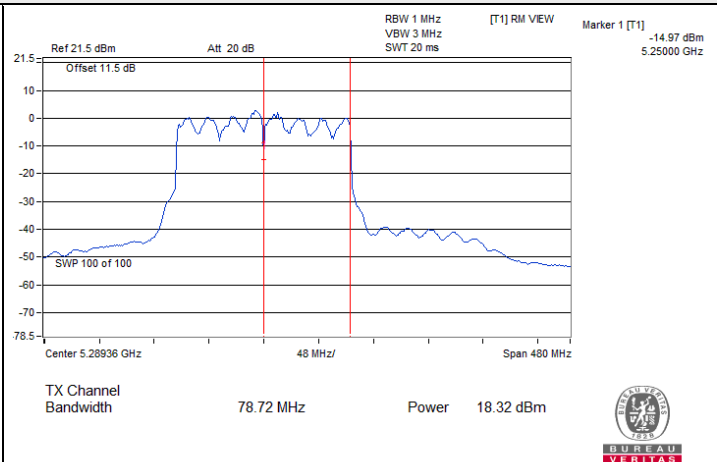


802.11be (EHT80) / Chain 1: CH 138 (U-NII-3)

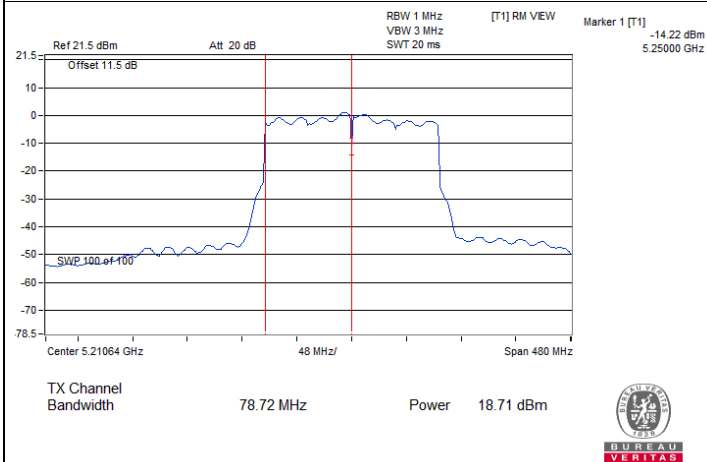
Spectrum Plot for channel straddling



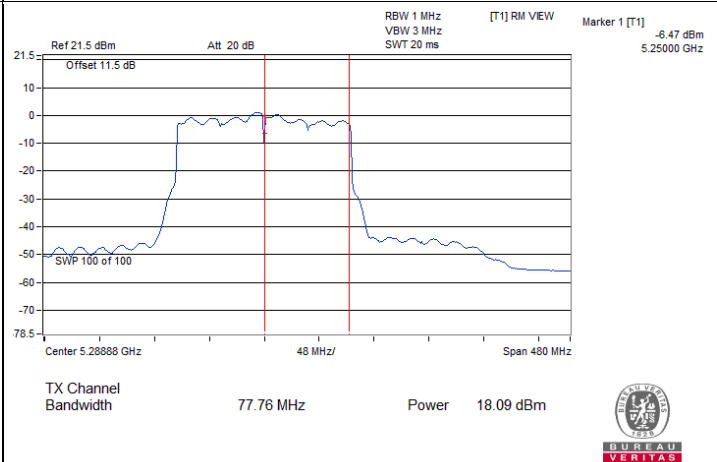
802.11be (EHT160) / Chain 0: CH 50 (U-NII-1)



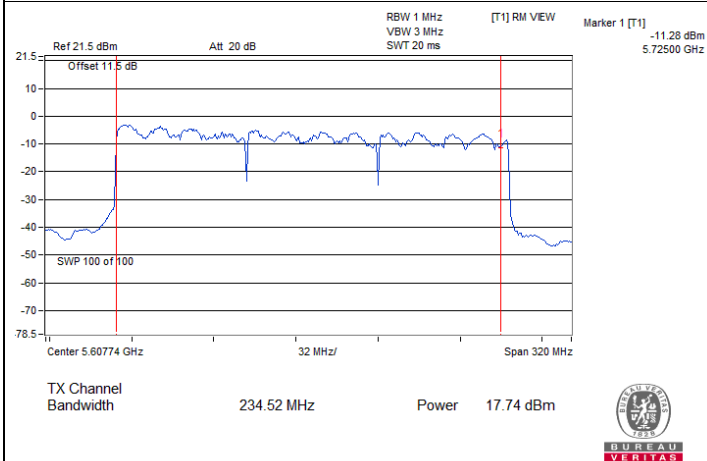
802.11be (EHT160) / Chain 0: CH 50 (U-NII-2A)



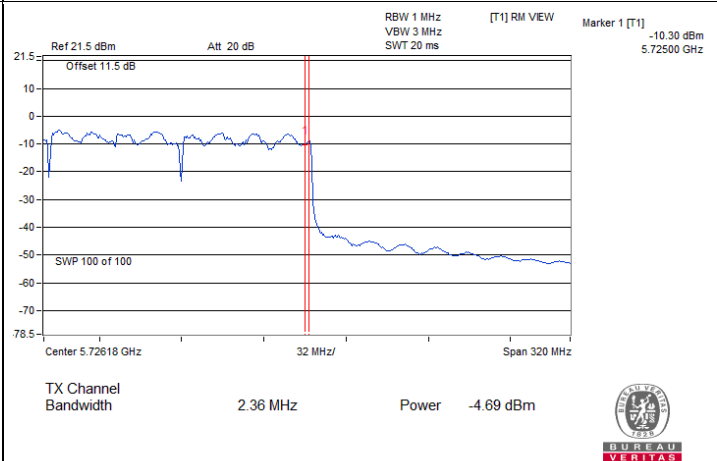
802.11be (EHT160) / Chain 1: CH 50 (U-NII-1)



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

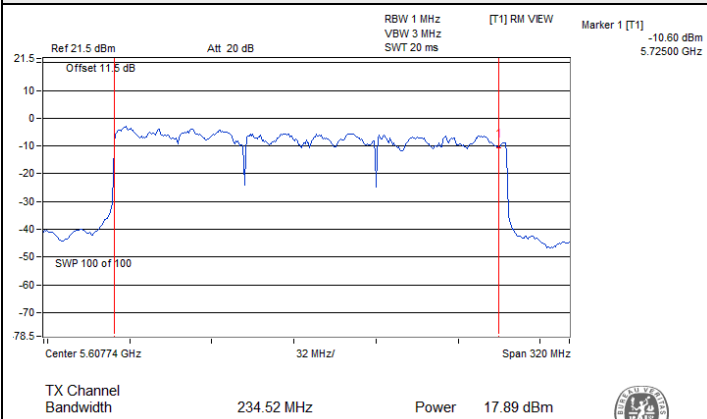


802.11be (EHT240) / Chain 0: CH 114+138 (U-NII-2C)

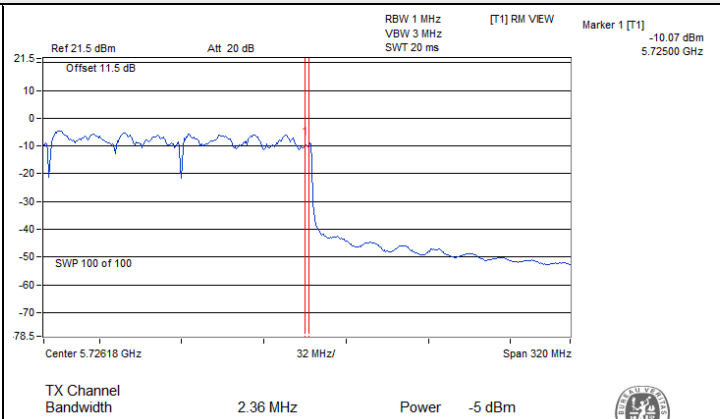


802.11be (EHT240) / Chain 0: CH 114+138 (U-NII-3)

Spectrum Plot for channel straddling



802.11be (EHT240) / Chain 1: CH 114+138 (U-NII-2C)



802.11be (EHT240) / Chain 1: CH 114+138 (U-NII-3)

7.3 Power Spectral Density

Environmental Conditions:	25°C, 60% RH	Tested By:	Ivan Tseng
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802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
36	5180	9.67	9.88	12.79	16.49	Pass
40	5200	9.96	9.99	12.99	16.49	Pass
48	5240	10.81	10.86	13.85	16.49	Pass
52	5260	7.09	6.96	10.04	10.49	Pass
60	5300	7.17	7.18	10.19	10.49	Pass
64	5320	7.19	7.07	10.14	10.49	Pass
100	5500	7.21	6.91	10.07	10.23	Pass
116	5580	6.92	6.87	9.91	10.23	Pass
140	5700	6.84	7.13	10.00	10.23	Pass
144 (U-NII-2C)	5720	6.91	7.07	10.00	10.23	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $17-(6.51-6) = 16.49$ dBm/MHz.
4. For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.51-6) = 10.49$ dBm/MHz.
5. For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.77-6) = 10.23$ dBm/MHz.

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
36	5180	9.61	10.79	13.25	16.49	Pass
40	5200	9.81	8.78	12.34	16.49	Pass
48	5240	9.95	9.16	12.58	16.49	Pass
52	5260	6.88	6.57	9.74	10.49	Pass
60	5300	7.10	6.65	9.89	10.49	Pass
64	5320	6.58	7.15	9.88	10.49	Pass
100	5500	7.66	6.00	9.92	10.23	Pass
116	5580	7.30	6.78	10.06	10.23	Pass
140	5700	6.91	7.34	10.14	10.23	Pass
144 (U-NII-2C)	5720	6.76	7.36	10.08	10.23	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $17 - (6.51 - 6) = 16.49$ dBm/MHz.
- For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $11 - (6.51 - 6) = 10.49$ dBm/MHz.
- For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the power density limit shall be reduced to $11 - (6.77 - 6) = 10.23$ dBm/MHz.

802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
38	5190	6.48	6.90	9.71	16.49	Pass
46	5230	7.36	7.41	10.40	16.49	Pass
54	5270	4.24	4.26	7.26	10.49	Pass
62	5310	4.39	4.31	7.36	10.49	Pass
102	5510	4.45	4.07	7.27	10.23	Pass
110	5550	4.48	4.02	7.27	10.23	Pass
134	5670	3.99	4.33	7.17	10.23	Pass
142 (U-NII-2C)	5710	4.01	4.40	7.22	10.23	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $17-(6.51-6) = 16.49$ dBm/MHz.
- For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.51-6) = 10.49$ dBm/MHz.
- For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.77-6) = 10.23$ dBm/MHz.

802.11be (EHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
42	5210	4.61	4.92	7.78	16.49	Pass
58	5290	1.38	1.15	4.28	10.49	Pass
106	5530	1.11	0.43	3.79	10.23	Pass
122	5610	1.13	1.07	4.11	10.23	Pass
138 (U-NII-2C)	5690	1.20	1.24	4.23	10.23	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $17-(6.51-6) = 16.49$ dBm/MHz.
- For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.51-6) = 10.49$ dBm/MHz.
- For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.77-6) = 10.23$ dBm/MHz.

802.11be (EHT160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
50 (U-NII-1)	5250	0.75	0.33	3.56	16.49	Pass
50 (U-NII-2A)	5250	0.41	-0.17	3.14	10.49	Pass
114	5570	-1.87	-2.21	0.97	10.23	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-1, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $17-(6.51-6) = 16.49$ dBm/MHz.
4. For U-NII-2A, the directional gain is 6.51 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.51-6) = 10.49$ dBm/MHz.
5. For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.77-6) = 10.23$ dBm/MHz.

802.11be (EHT240)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
114+138 (U-NII-2C)	5610	-5.66	-5.51	-2.57	10.23	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-2C, the directional gain is 6.77 dBi > 6 dBi, so the power density limit shall be reduced to $11-(6.77-6) = 10.23$ dBm/MHz.

802.11a

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	-1.97	-1.91	1.07	3.29	29.27	Pass
149	5745	3.35	3.58	6.48	8.70	29.27	Pass
157	5785	3.43	3.60	6.53	8.75	29.27	Pass
165	5825	3.08	3.78	6.45	8.67	29.27	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (6.73 - 6) = 29.27$ dBm/500kHz.

802.11be (EHT20)

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	-3.25	-2.46	0.17	2.39	29.27	Pass
149	5745	1.33	1.68	4.52	6.74	29.27	Pass
157	5785	1.41	1.74	4.59	6.81	29.27	Pass
165	5825	1.38	1.81	4.61	6.83	29.27	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (6.73 - 6) = 29.27$ dBm/500kHz.

802.11be (EHT40)

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				
142 (U-NII-3)	5710	-8.64	-8.59	-5.6	-3.38	29.27	Pass
151	5755	-2.14	-1.36	1.28	3.50	29.27	Pass
159	5795	-2.21	-1.40	1.22	3.44	29.27	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (6.73 - 6) = 29.27$ dBm/500kHz.

802.11be (EHT80)

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				
138 (U-NII-3)	5690	-13.34	-11.62	-9.39	-7.17	29.27	Pass
155	5775	-4.50	-3.87	-1.16	1.06	29.27	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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (6.73 - 6) = 29.27$ dBm/500kHz.

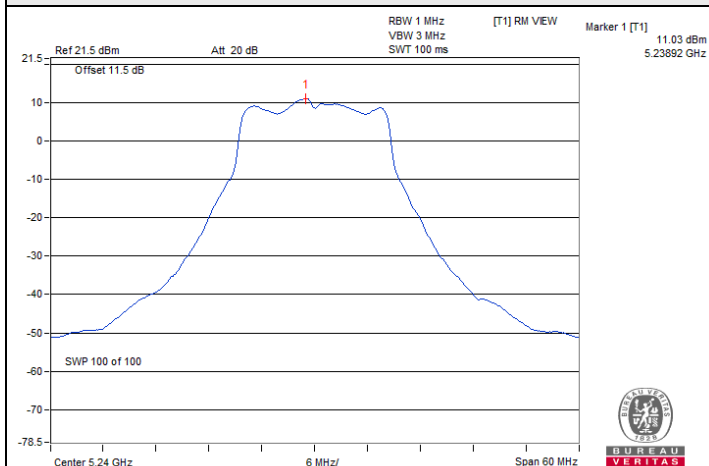
802.11be (EHT240)

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				
114+138 (U-NII-3)	5610	-20.32	-20.14	-17.22	-15.00	29.27	Pass

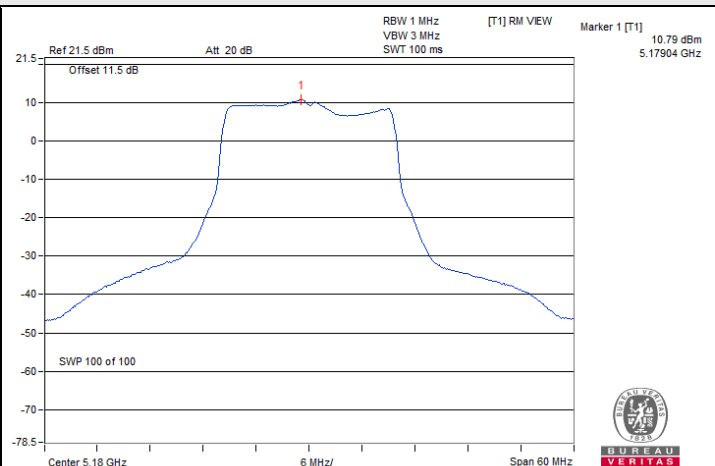
Notes:

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 = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-3, the directional gain is 6.73 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (6.73 - 6) = 29.27$ dBm/500kHz.

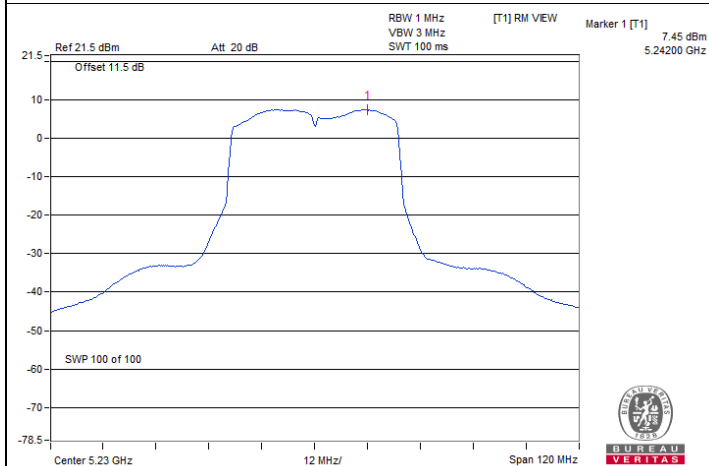
Spectrum Plot of Maximum Value



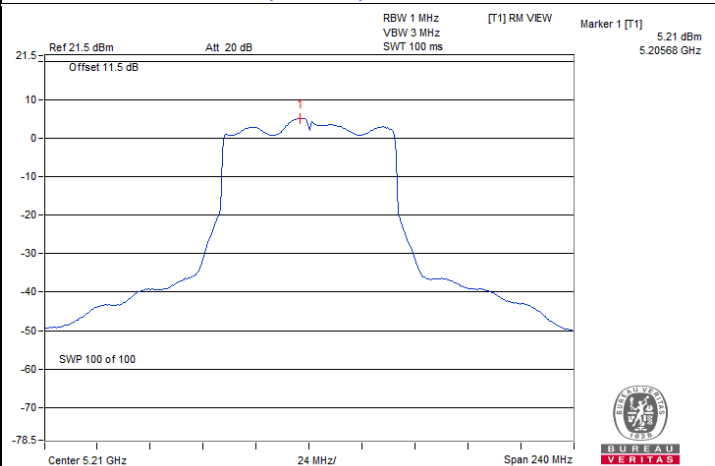
802.11a / Chain 1: CH 48



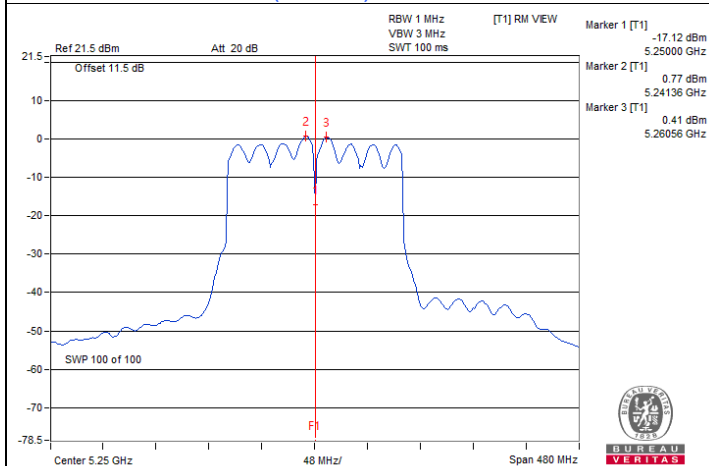
802.11be (EHT20) / Chain 1: CH 36



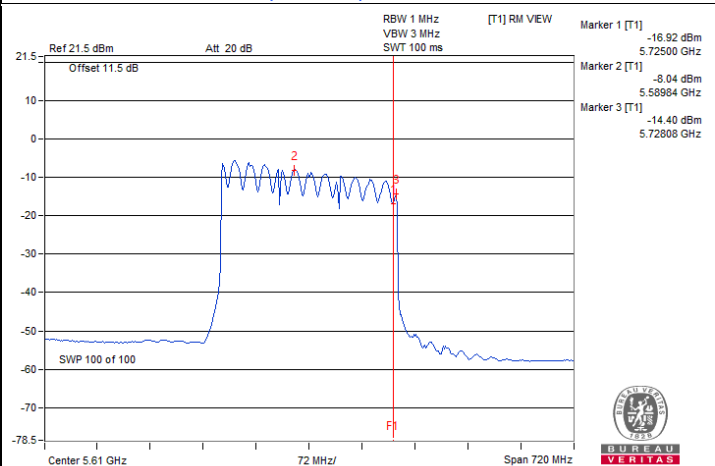
802.11be (EHT40) / Chain 1: CH 46



802.11be (EHT80) / Chain 1: CH 42

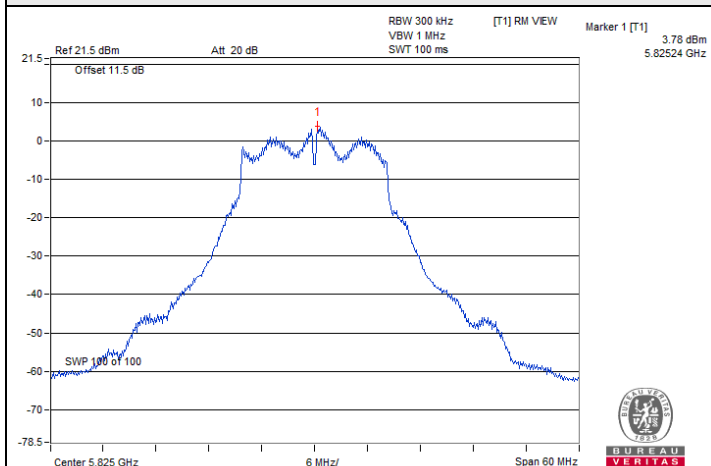


802.11be (EHT160) / Chain 0: CH 50 (U-NII-1)

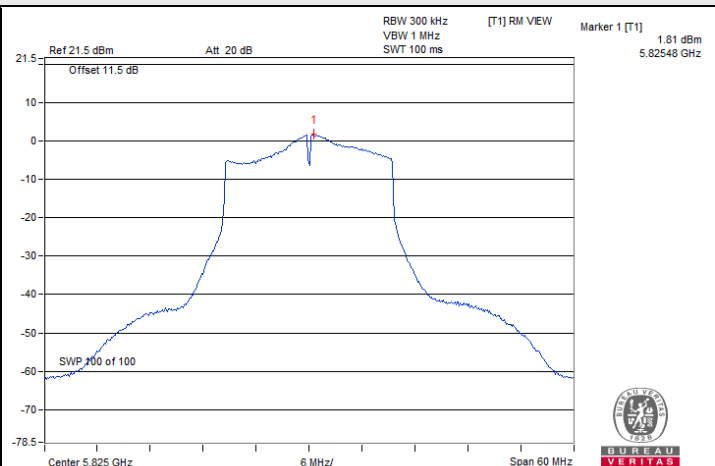


802.11be (EHT240) / Chain 1: CH 114+138 (U-NII-2C)

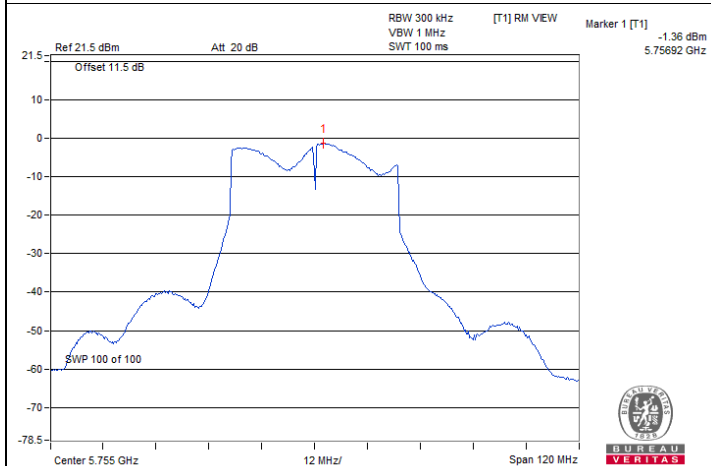
Spectrum Plot of Maximum Value



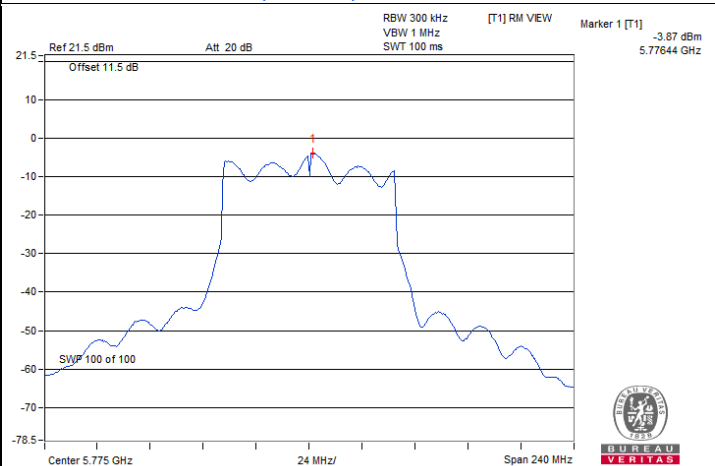
802.11a / Chain 1: CH 165



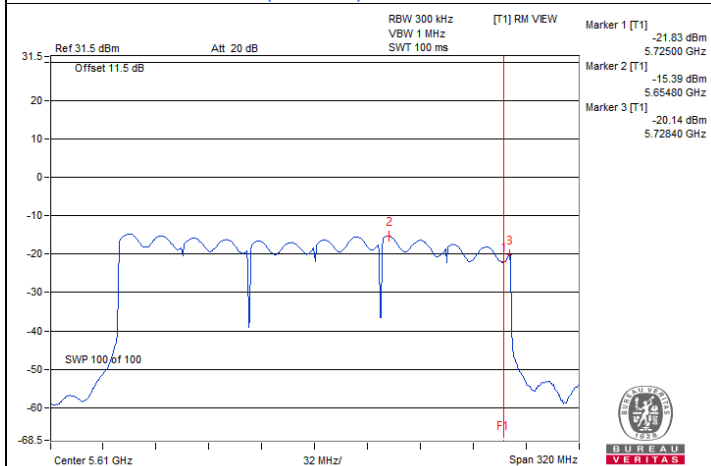
802.11be (EHT20) / Chain 1: CH 165



802.11be (EHT40) / Chain 1: CH 151



802.11be (EHT80) / Chain 1: CH 155



802.11be (EHT240) / Chain 1: CH 114+138 (U-NII-3)

7.4 6 dB Bandwidth

Environmental Conditions:	25°C, 60% RH	Tested By:	Ivan Tseng
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802.11a

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	2.57	2.53	0.5	Pass
149	5745	15.22	15.16	0.5	Pass
157	5785	15.21	15.18	0.5	Pass
165	5825	15.85	15.06	0.5	Pass

802.11be (EHT20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	2.60	3.05	0.5	Pass
149	5745	16.57	17.98	0.5	Pass
157	5785	16.68	15.18	0.5	Pass
165	5825	18.52	17.53	0.5	Pass

802.11be (EHT40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
142 (U-NII-3)	5710	3.50	2.66	0.5	Pass
151	5755	36.85	36.91	0.5	Pass
159	5795	34.37	36.89	0.5	Pass

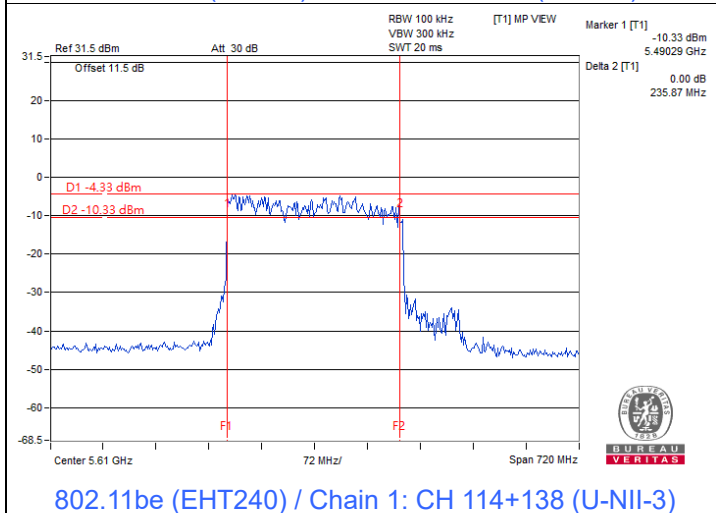
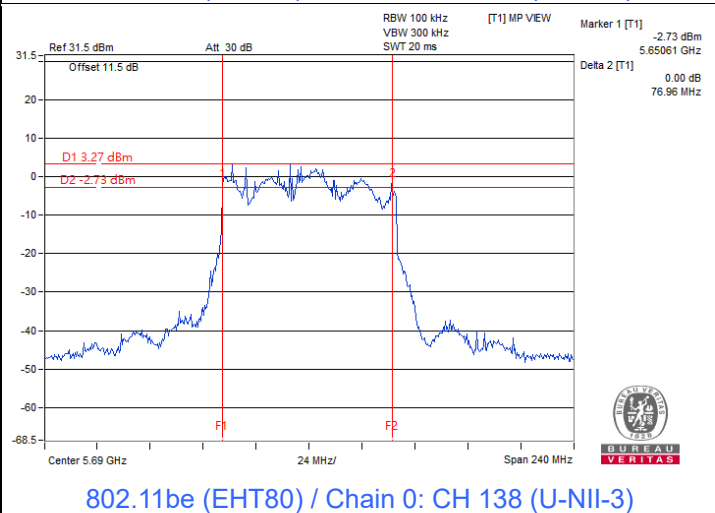
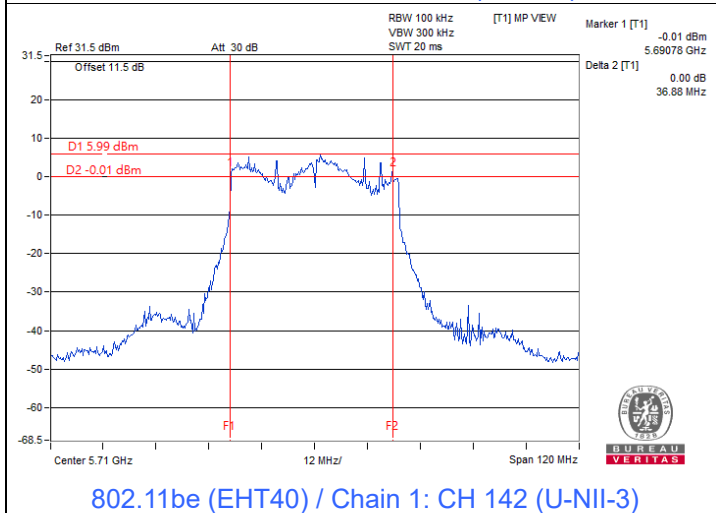
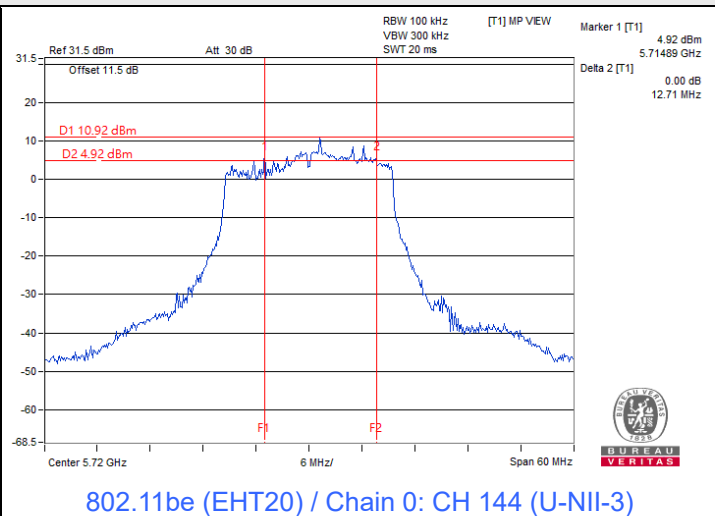
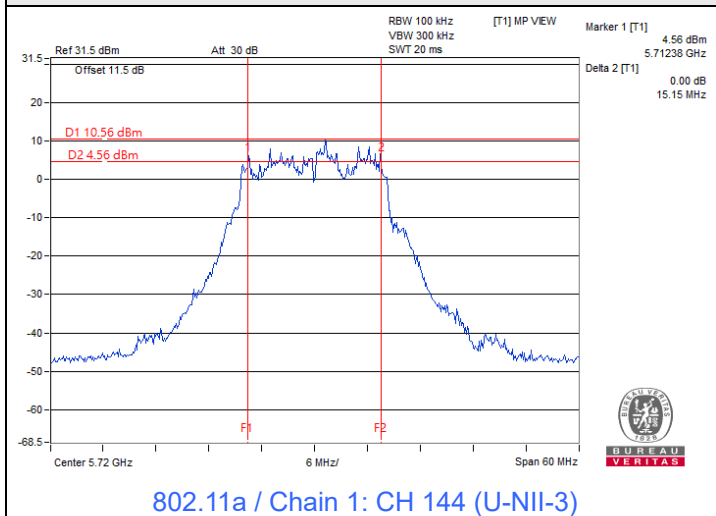
802.11be (EHT80)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
138 (U-NII-3)	5690	2.57	3.97	0.5	Pass
155	5775	76.79	75.57	0.5	Pass

802.11be (EHT240)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
114+138 (U-NII-3)	5610	2.63	1.16	0.5	Pass

Spectrum Plot of Minimum Value



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

7.5 Occupied Bandwidth

Environmental Conditions:	25°C, 60% RH	Tested By:	Ivan Tseng
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802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	17.04	17.04
40	5200	17.04	17.16
48	5240	17.16	17.04
52	5260	17.16	17.04
60	5300	17.04	16.92
64	5320	17.04	17.04
100	5500	17.04	17.04
116	5580	17.28	17.04
140	5700	17.04	16.92
144 (U-NII-2C)	5720	13.88	13.64
144 (U-NII-3)	5720	3.28	3.40
149	5745	17.04	17.16
157	5785	17.16	17.04
165	5825	17.16	17.16

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	19.32	19.08
40	5200	19.44	19.20
48	5240	19.44	19.20
52	5260	19.44	19.20
60	5300	19.32	19.20
64	5320	19.20	19.32
100	5500	18.72	19.32
116	5580	18.60	19.20
140	5700	18.84	19.08
144 (U-NII-2C)	5720	14.60	14.60
144 (U-NII-3)	5720	4.48	4.48
149	5745	19.08	18.96
157	5785	19.20	18.96
165	5825	19.20	18.84

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	38.16	37.92
46	5230	37.92	38.16
54	5270	37.92	38.16
62	5310	38.40	38.40
102	5510	38.64	38.64
110	5550	38.64	39.12
134	5670	38.40	38.40
142 (U-NII-2C)	5710	34.68	34.44
142 (U-NII-3)	5710	3.96	3.96
151	5755	38.40	38.16
159	5795	38.16	38.40

802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	77.28	77.76
58	5290	77.28	77.28
106	5530	78.24	77.28
122	5610	78.24	77.76
138 (U-NII-2C)	5690	74.36	74.36
138 (U-NII-3)	5690	3.40	3.40
155	5775	77.28	77.76

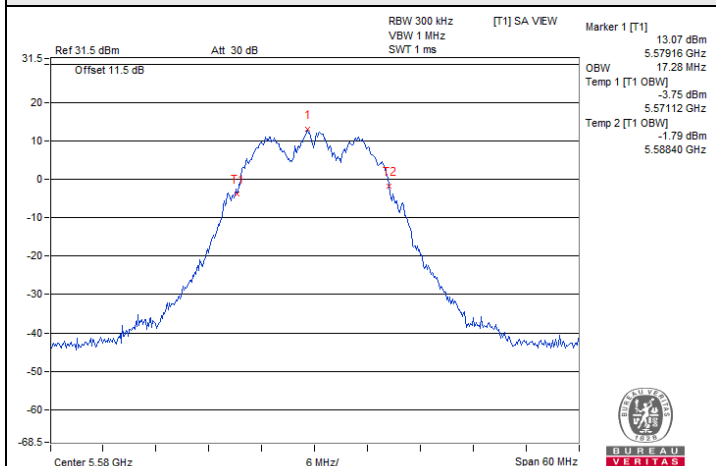
802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-1)	5250	78.24	78.72
50 (U-NII-2A)	5250	78.72	77.76
114	5570	158.40	157.44

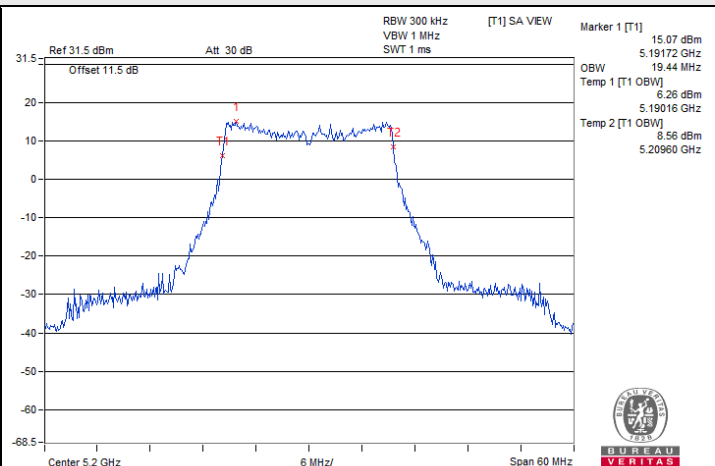
802.11be (EHT240)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
114+138 (U-NII-2C)	5610	234.52	234.52
114+138 (U-NII-3)	5610	2.36	2.36

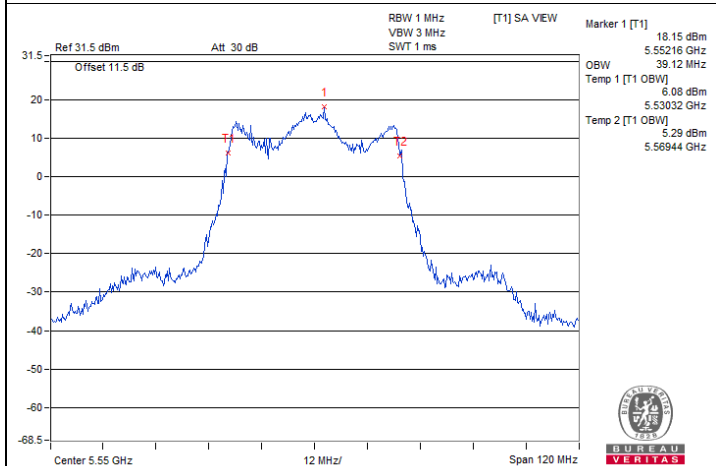
Spectrum Plot of Maximum Value



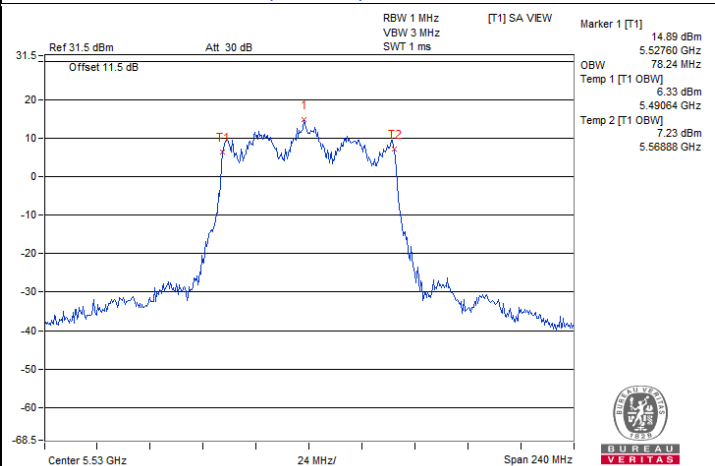
802.11a / Chain 0: CH 116



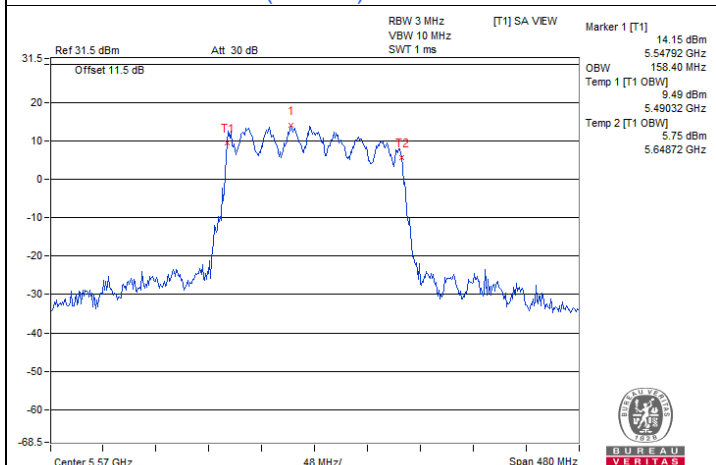
802.11be (EHT20) / Chain 0: CH 40



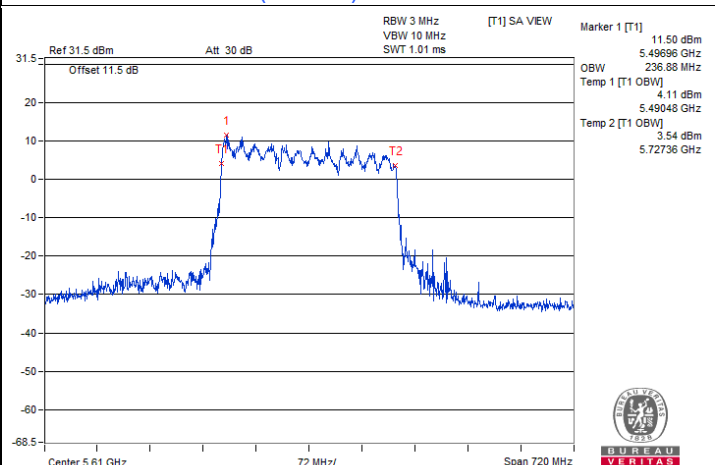
802.11be (EHT40) / Chain 1: CH 110



802.11be (EHT80) / Chain 0: CH 106

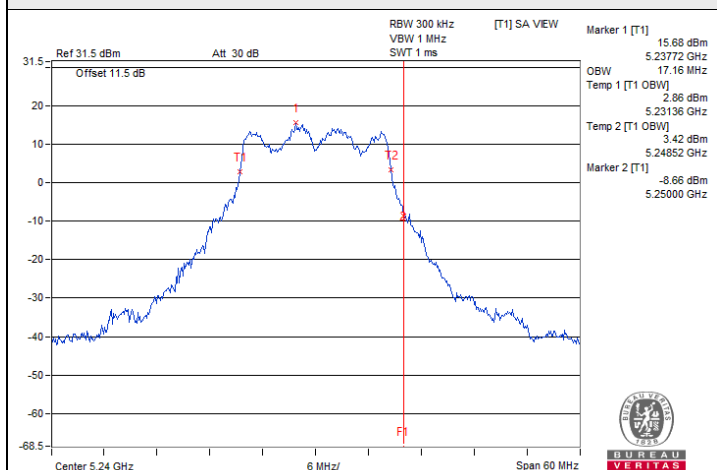


802.11be (EHT160) / Chain 0: CH 114

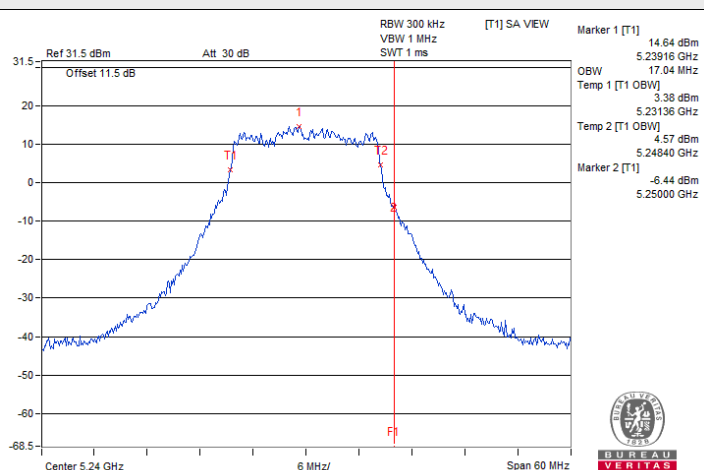


802.11be (EHT240) / Chain 0: CH 114+138 (U-NII-2C)

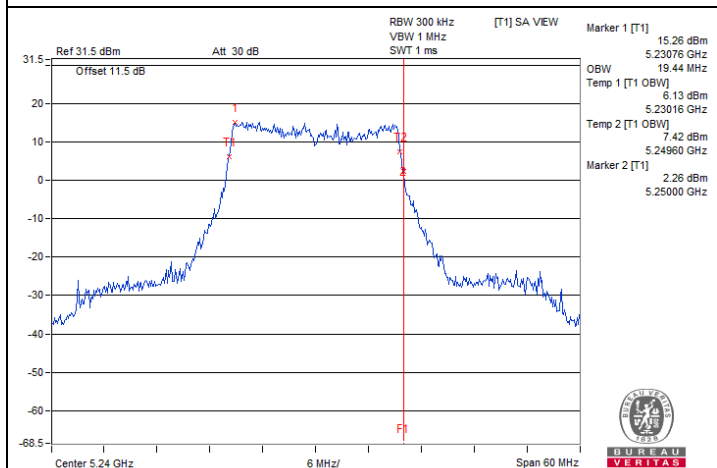
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2A)



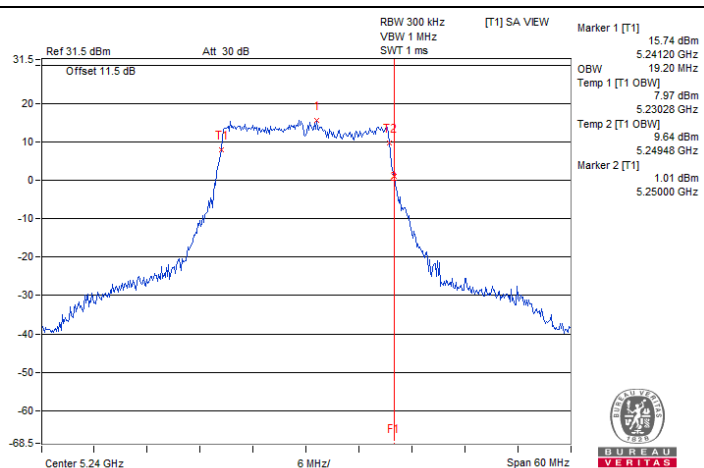
802.11a / Chain 0: CH 48



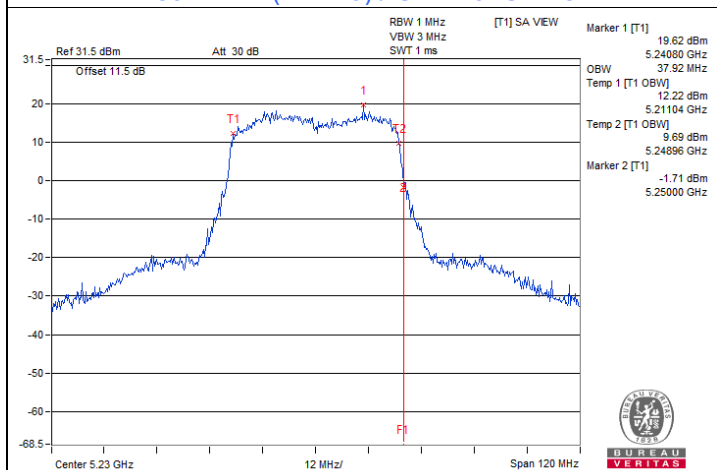
802.11a / Chain 1: CH 48



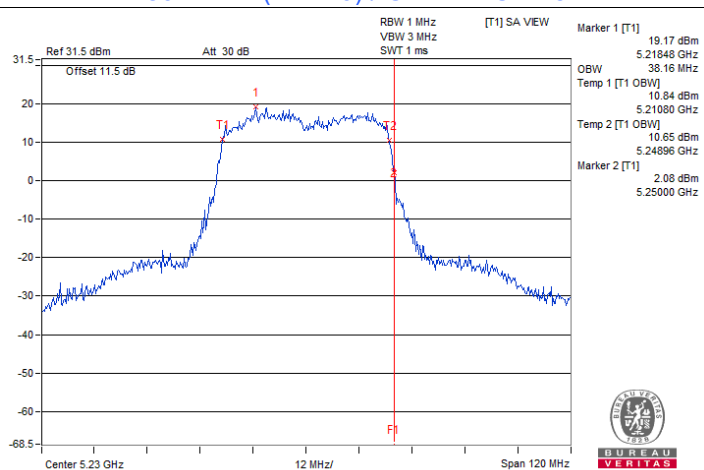
802.11be (EHT20) / Chain 0: CH 48



802.11be (EHT20) / Chain 1: CH 48

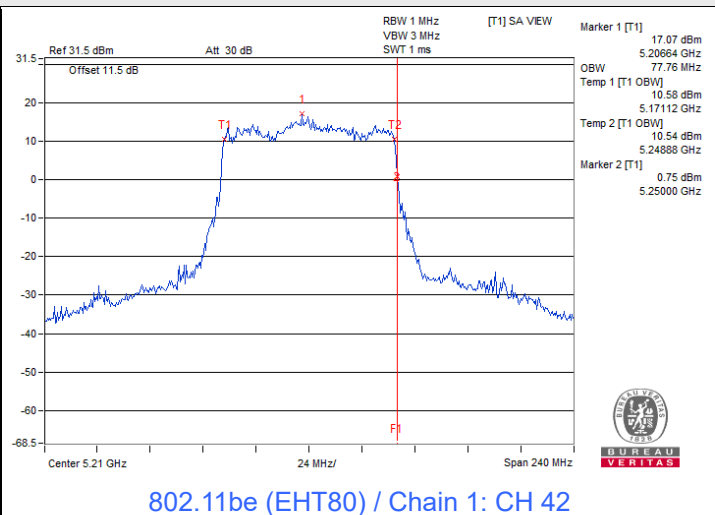
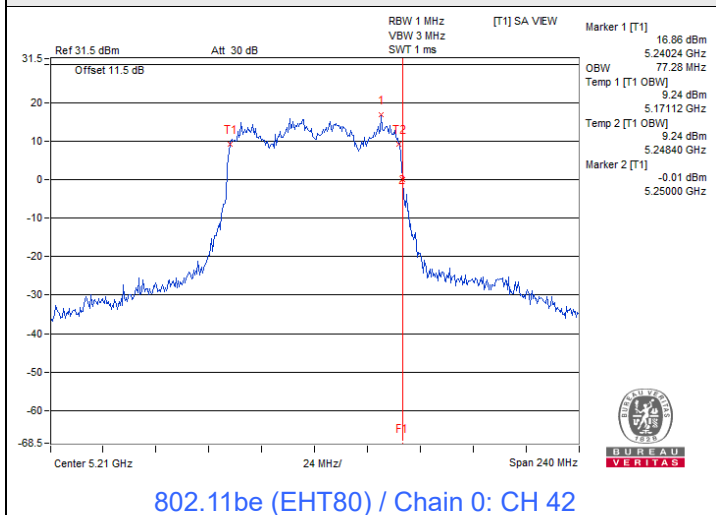


802.11be (EHT40) / Chain 0: CH 46

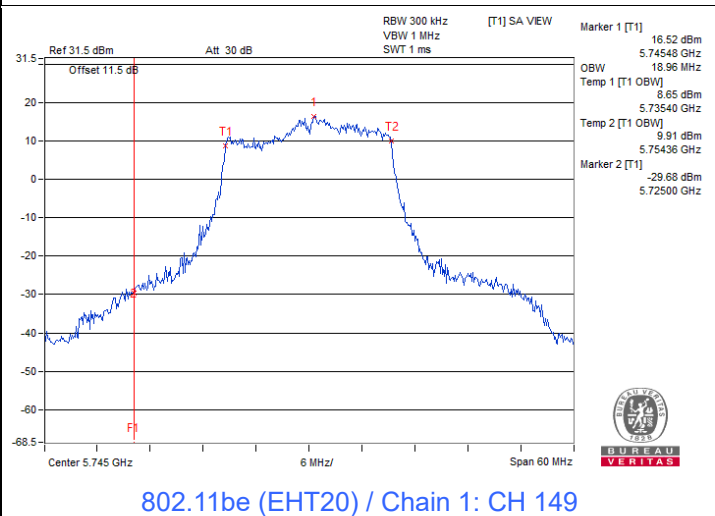
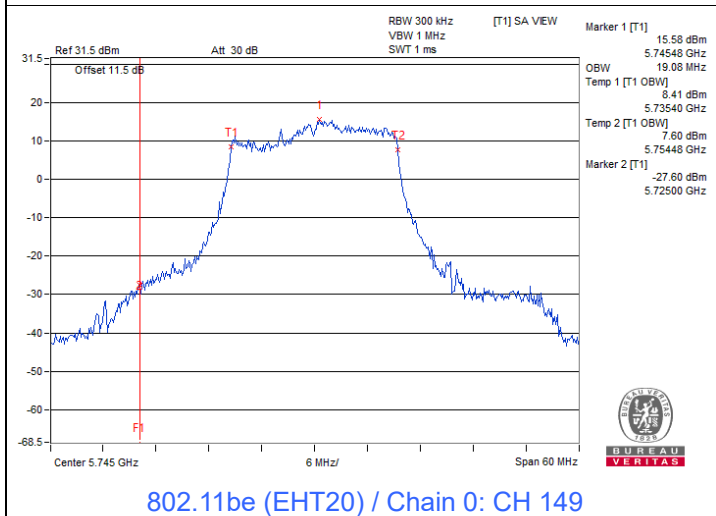
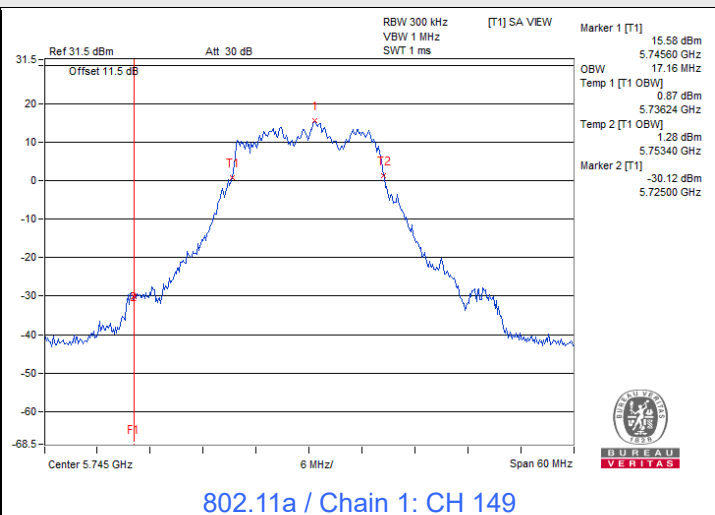
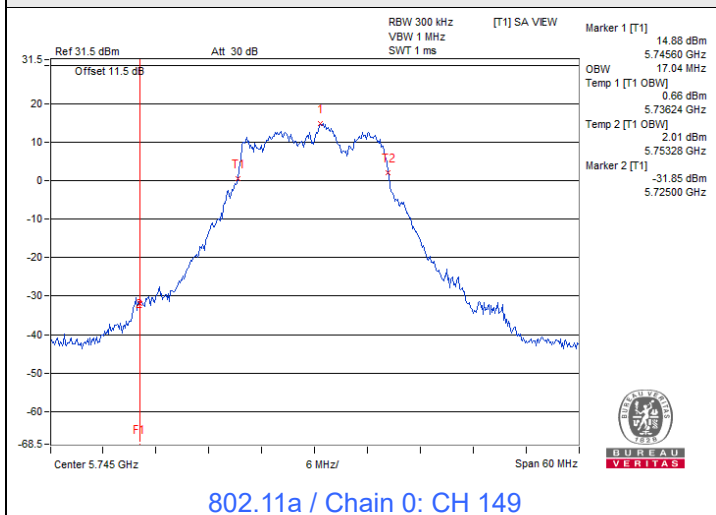


802.11be (EHT40) / Chain 1: CH 46

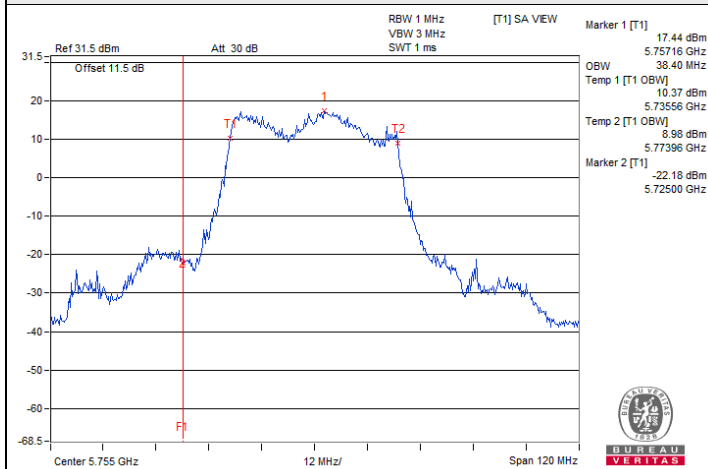
Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A)



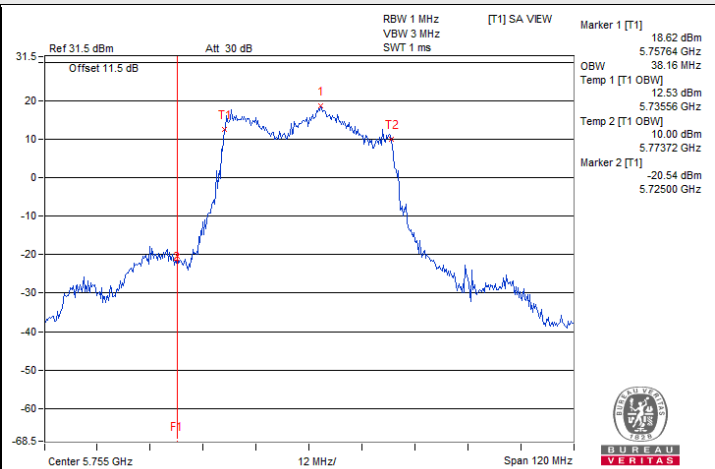
Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C)



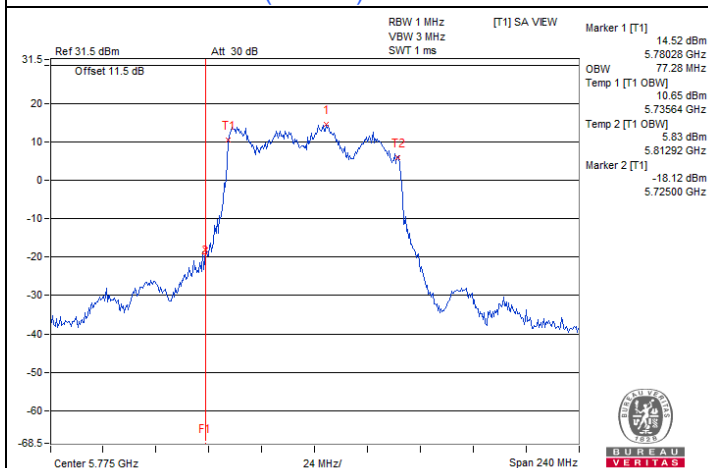
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2C)



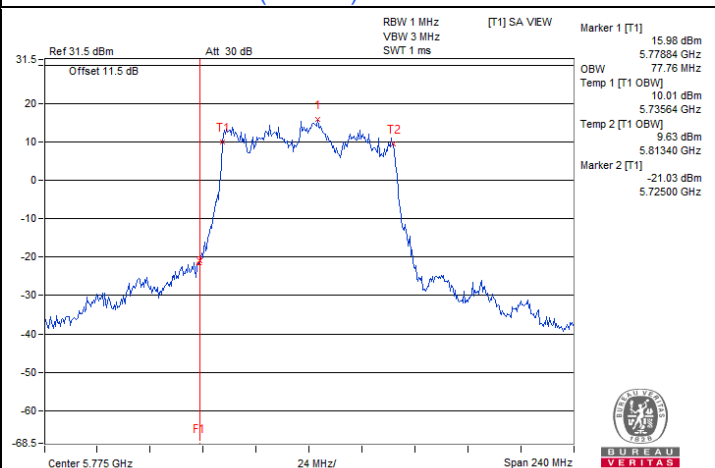
802.11be (EHT40) / Chain 0: CH 151



802.11be (EHT40) / Chain 1: CH 151



802.11be (EHT80) / Chain 0: CH 155



802.11be (EHT80) / Chain 1: CH 155

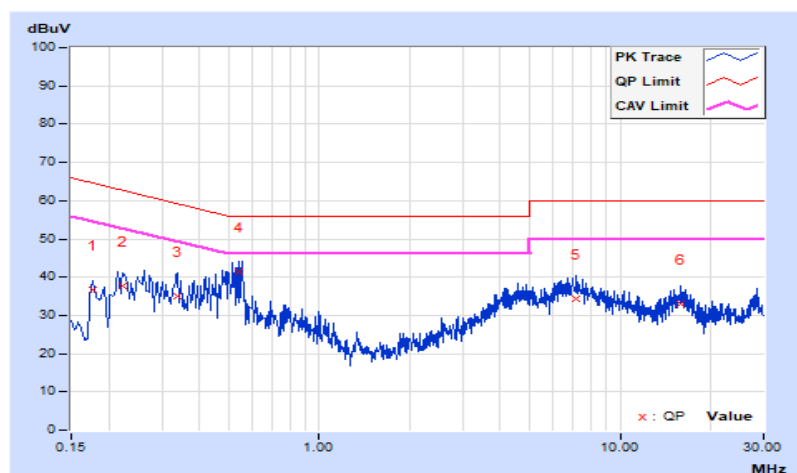
7.6 AC Power Conducted Emissions

RF Mode	802.11a	Channel	CH 48 : 5240 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	25 °C, 68% RH
Tested By	Luis Lee		

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	0.17755	9.70	27.09	18.16	36.79	27.86	64.60	54.60	-27.81	-26.74
2	0.22200	9.71	27.85	19.55	37.56	29.26	62.74	52.74	-25.18	-23.48
3	0.33767	9.70	25.24	17.13	34.94	26.83	59.26	49.26	-24.32	-22.43
4	0.53800	9.70	31.78	17.57	41.48	27.27	56.00	46.00	-14.52	-18.73
5	7.13800	9.84	24.46	17.10	34.30	26.94	60.00	50.00	-25.70	-23.06
6	15.93400	9.90	23.19	18.59	33.09	28.49	60.00	50.00	-26.91	-21.51

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

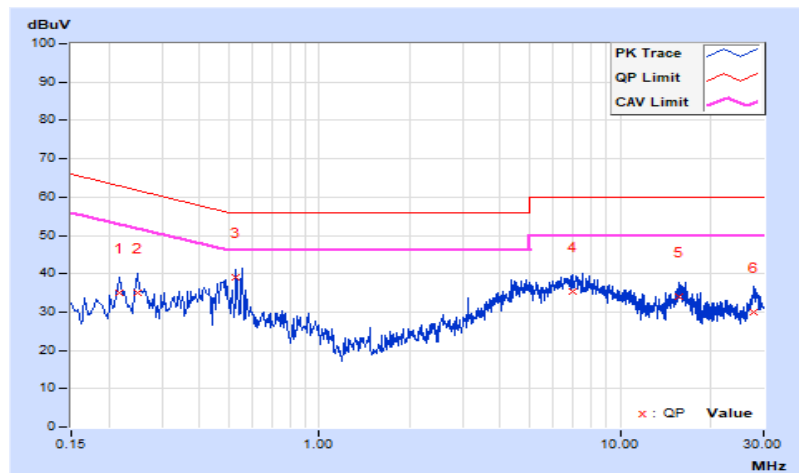


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 68% RH
Tested By	Luis Lee		

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	0.21800	9.66	25.51	17.79	35.17	27.45	62.89	52.89	-27.72	-25.44
2	0.25000	9.67	25.27	16.54	34.94	26.21	61.76	51.76	-26.82	-25.55
3	0.53000	9.72	29.18	15.70	38.90	25.42	56.00	46.00	-17.10	-20.58
4	6.92600	9.86	25.44	17.79	35.30	27.65	60.00	50.00	-24.70	-22.35
5	15.65800	10.03	24.08	19.92	34.11	29.95	60.00	50.00	-25.89	-20.05
6	27.79000	10.14	19.91	14.29	30.05	24.43	60.00	50.00	-29.95	-25.57

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



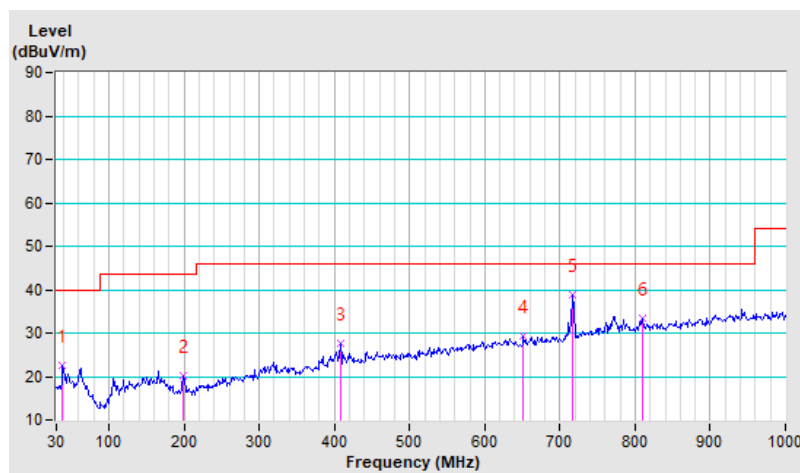
7.7 Unwanted Emissions below 1 GHz

RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24 °C, 69% RH
Tested By	Luis Lee		

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	38.43	22.4 QP	40.0	-17.6	1.49 H	103	31.8	-9.4
2	198.70	20.3 QP	43.5	-23.2	1.49 H	285	31.7	-11.4
3	408.16	27.6 QP	46.0	-18.4	1.00 H	156	32.9	-5.3
4	651.36	29.2 QP	46.0	-16.8	1.00 H	241	29.2	0.0
5	716.03	38.9 QP	46.0	-7.1	1.49 H	91	37.6	1.3
6	810.22	33.3 QP	46.0	-12.7	1.00 H	111	29.8	3.5

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 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.

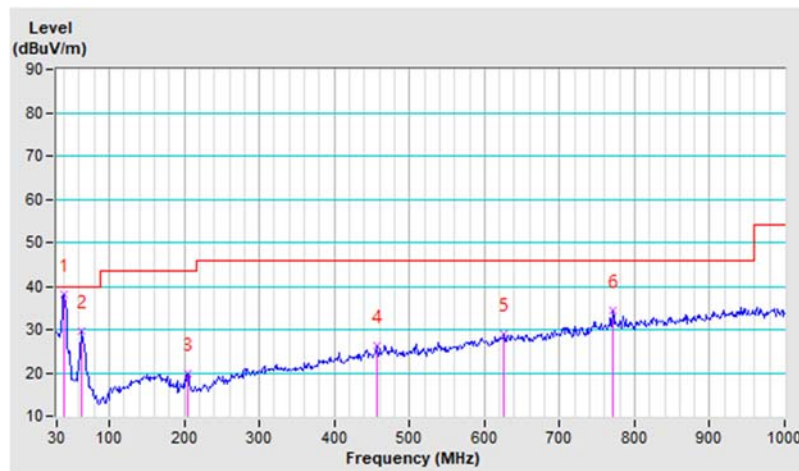


RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24 °C, 69% RH
Tested By	Luis Lee		

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	39.84	38.1 QP	40.0	-1.9	1.01 V	128	47.4	-9.3
2	63.74	29.7 QP	40.0	-10.3	1.01 V	262	39.3	-9.6
3	204.32	19.8 QP	43.5	-23.7	1.01 V	156	31.2	-11.4
4	455.96	26.4 QP	46.0	-19.6	1.01 V	157	30.5	-4.1
5	626.06	28.9 QP	46.0	-17.1	1.50 V	6	29.2	-0.3
6	770.86	34.5 QP	46.0	-11.5	1.01 V	126	31.5	3.0

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 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.



7.8 Unwanted Emissions above 1 GHz

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	23 °C, 66% RH
Tested By	Titan Hsu		

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	70.9 PK	74.0	-3.1	1.34 H	17	59.8	11.1
2	5150.00	52.9 AV	54.0	-1.1	1.34 H	17	41.8	11.1
3	*5180.00	122.2 PK			1.34 H	17	81.1	41.1
4	*5180.00	112.6 AV			1.34 H	17	71.5	41.1
5	#10360.00	57.6 PK	68.2	-10.6	2.22 H	195	36.8	20.8
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	5148.40	66.4 PK	74.0	-7.6	1.09 V	72	55.4	11.0
2	5148.40	50.0 AV	54.0	-4.0	1.09 V	72	39.0	11.0
3	*5180.00	118.5 PK			1.09 V	72	77.4	41.1
4	*5180.00	108.7 AV			1.09 V	72	67.6	41.1
5	#10360.00	57.0 PK	68.2	-11.2	1.72 V	236	36.2	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	802.11a	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	23 °C, 66% RH
Tested By	Titan Hsu		

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	*5200.00	123.0 PK			1.29 H	16	82.0	41.0
2	*5200.00	113.3 AV			1.29 H	16	72.3	41.0
3	#10400.00	58.0 PK	68.2	-10.2	2.25 H	192	37.0	21.0
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	*5200.00	119.9 PK			1.05 V	72	78.9	41.0
2	*5200.00	109.8 AV			1.05 V	72	68.8	41.0
3	#10400.00	57.7 PK	68.2	-10.5	1.88 V	240	36.7	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	802.11a	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	23 °C, 66% RH
Tested By	Titan Hsu		

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	123.9 PK			1.29 H	19	82.6	41.3
2	*5240.00	114.1 AV			1.29 H	19	72.8	41.3
3	5350.00	57.8 PK	74.0	-16.2	1.29 H	19	46.8	11.0
4	5350.00	45.2 AV	54.0	-8.8	1.29 H	19	34.2	11.0
5	#10480.00	58.6 PK	68.2	-9.6	2.29 H	192	37.2	21.4
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	119.5 PK			1.01 V	72	78.2	41.3
2	*5240.00	109.4 AV			1.01 V	72	68.1	41.3
3	5350.00	57.2 PK	74.0	-16.8	1.01 V	72	46.2	11.0
4	5350.00	44.5 AV	54.0	-9.5	1.01 V	72	33.5	11.0
5	#10480.00	57.9 PK	68.2	-10.3	1.80 V	227	36.5	21.4

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	58.3 PK	74.0	-15.7	1.53 H	17	47.2	11.1
2	5150.00	45.3 AV	54.0	-8.7	1.53 H	17	34.2	11.1
3	*5260.00	118.2 PK			1.53 H	17	76.8	41.4
4	*5260.00	108.9 AV			1.53 H	17	67.5	41.4
5	#10520.00	58.2 PK	68.2	-10.0	2.31 H	192	36.8	21.4
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	58.2 PK	74.0	-15.8	1.61 V	43	47.1	11.1
2	5150.00	45.2 AV	54.0	-8.8	1.61 V	43	34.1	11.1
3	*5260.00	114.1 PK			1.61 V	43	72.7	41.4
4	*5260.00	104.5 AV			1.61 V	43	63.1	41.4
5	#10520.00	57.6 PK	68.2	-10.6	1.80 V	225	36.2	21.4

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	118.4 PK			1.47 H	19	77.0	41.4
2	*5300.00	108.6 AV			1.47 H	19	67.2	41.4
3	10600.00	58.0 PK	74.0	-16.0	2.32 H	195	36.8	21.2
4	10600.00	46.0 AV	54.0	-8.0	2.32 H	195	24.8	21.2
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	114.2 PK			1.62 V	41	72.8	41.4
2	*5300.00	104.3 AV			1.62 V	41	62.9	41.4
3	10600.00	57.7 PK	74.0	-16.3	1.78 V	240	36.5	21.2
4	10600.00	45.4 AV	54.0	-8.6	1.78 V	240	24.2	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.

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	23 °C, 66% RH
Tested By	Titan Hsu		

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	117.8 PK			1.46 H	14	76.5	41.3
2	*5320.00	108.1 AV			1.46 H	14	66.8	41.3
3	5350.00	58.8 PK	74.0	-15.2	1.46 H	14	47.8	11.0
4	5350.00	45.6 AV	54.0	-8.4	1.46 H	14	34.6	11.0
5	10640.00	58.3 PK	74.0	-15.7	2.30 H	192	36.8	21.5
6	10640.00	46.4 AV	54.0	-7.6	2.30 H	192	24.9	21.5
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	113.8 PK			1.72 V	39	72.5	41.3
2	*5320.00	104.2 AV			1.72 V	39	62.9	41.3
3	5350.00	58.5 PK	74.0	-15.5	1.72 V	39	47.5	11.0
4	5350.00	45.3 AV	54.0	-8.7	1.72 V	39	34.3	11.0
5	10640.00	57.9 PK	74.0	-16.1	1.85 V	239	36.4	21.5
6	10640.00	45.8 AV	54.0	-8.2	1.85 V	239	24.3	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.

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	23 °C, 66% RH
Tested By	Titan Hsu		

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	58.7 PK	74.0	-15.3	1.62 H	8	47.5	11.2
2	5460.00	45.5 AV	54.0	-8.5	1.62 H	8	34.3	11.2
3	#5470.00	59.4 PK	68.2	-8.8	1.62 H	8	48.2	11.2
4	*5500.00	117.0 PK			1.62 H	8	75.5	41.5
5	*5500.00	107.6 AV			1.62 H	8	66.1	41.5
6	11000.00	58.4 PK	74.0	-15.6	2.25 H	185	36.8	21.6
7	11000.00	46.4 AV	54.0	-7.6	2.25 H	185	24.8	21.6
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	58.4 PK	74.0	-15.6	2.60 V	279	47.2	11.2
2	5460.00	45.3 AV	54.0	-8.7	2.60 V	279	34.1	11.2
3	#5470.00	58.7 PK	68.2	-9.5	2.60 V	279	47.5	11.2
4	*5500.00	113.4 PK			2.60 V	279	71.9	41.5
5	*5500.00	104.0 AV			2.60 V	279	62.5	41.5
6	11000.00	57.8 PK	74.0	-16.2	1.89 V	228	36.2	21.6
7	11000.00	45.9 AV	54.0	-8.1	1.89 V	228	24.3	21.6

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	23 °C, 66% RH
Tested By	Titan Hsu		

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	117.5 PK			1.41 H	44	75.9	41.6
2	*5580.00	108.3 AV			1.41 H	44	66.7	41.6
3	11160.00	58.7 PK	74.0	-15.3	2.22 H	189	37.0	21.7
4	11160.00	46.7 AV	54.0	-7.3	2.22 H	189	25.0	21.7
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	113.1 PK			2.60 V	274	71.5	41.6
2	*5580.00	103.8 AV			2.60 V	274	62.2	41.6
3	11160.00	58.0 PK	74.0	-16.0	1.77 V	241	36.3	21.7
4	11160.00	46.0 AV	54.0	-8.0	1.77 V	241	24.3	21.7

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	116.7 PK			1.54 H	44	74.7	42.0
2	*5700.00	107.6 AV			1.54 H	44	65.6	42.0
3	#5725.00	59.1 PK	68.2	-9.1	1.54 H	44	47.5	11.6
4	11400.00	59.0 PK	74.0	-15.0	2.22 H	189	36.9	22.1
5	11400.00	47.0 AV	54.0	-7.0	2.22 H	189	24.9	22.1
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	113.5 PK			3.01 V	263	71.5	42.0
2	*5700.00	104.5 AV			3.01 V	263	62.5	42.0
3	#5725.00	58.9 PK	68.2	-9.3	3.01 V	263	47.3	11.6
4	11400.00	58.4 PK	74.0	-15.6	1.90 V	245	36.3	22.1
5	11400.00	46.5 AV	54.0	-7.5	1.90 V	245	24.4	22.1

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5470.00	58.7 PK	68.2	-9.5	1.67 H	44	47.5	11.2
2	*5720.00	116.7 PK			1.67 H	44	74.6	42.1
3	*5720.00	107.4 AV			1.67 H	44	65.3	42.1
4	#5850.00	59.2 PK	68.2	-9.0	1.67 H	44	47.6	11.6
5	11440.00	58.9 PK	74.0	-15.1	2.21 H	190	36.9	22.0
6	11440.00	46.8 AV	54.0	-7.2	2.21 H	190	24.8	22.0
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	#5470.00	58.4 PK	68.2	-9.8	3.02 V	259	47.2	11.2
2	*5720.00	113.7 PK			3.02 V	259	71.6	42.1
3	*5720.00	104.2 AV			3.02 V	259	62.1	42.1
4	#5850.00	58.9 PK	68.2	-9.3	3.02 V	259	47.3	11.6
5	11440.00	58.4 PK	74.0	-15.6	1.80 V	233	36.4	22.0
6	11440.00	46.3 AV	54.0	-7.7	1.80 V	233	24.3	22.0

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	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5634.00	61.4 PK	68.2	-6.8	1.18 H	6	50.1	11.3
2	*5745.00	123.8 PK			1.18 H	6	81.6	42.2
3	*5745.00	114.6 AV			1.18 H	6	72.4	42.2
4	#5980.40	61.1 PK	68.2	-7.1	1.18 H	6	49.1	12.0
5	11490.00	59.5 PK	74.0	-14.5	2.35 H	195	37.5	22.0
6	11490.00	47.5 AV	54.0	-6.5	2.35 H	195	25.5	22.0
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	#5644.80	60.4 PK	68.2	-7.8	1.06 V	263	49.1	11.3
2	*5745.00	120.2 PK			1.06 V	263	78.0	42.2
3	*5745.00	110.8 AV			1.06 V	263	68.6	42.2
4	#5946.80	61.2 PK	68.2	-7.0	1.06 V	263	49.1	12.1
5	11490.00	59.2 PK	74.0	-14.8	1.88 V	245	37.2	22.0
6	11490.00	47.2 AV	54.0	-6.8	1.88 V	245	25.2	22.0

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.

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	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5643.60	60.0 PK	68.2	-8.2	1.30 H	6	48.7	11.3
2	*5785.00	123.6 PK			1.30 H	6	81.3	42.3
3	*5785.00	114.6 AV			1.30 H	6	72.3	42.3
4	#5950.80	61.0 PK	68.2	-7.2	1.30 H	6	49.0	12.0
5	11570.00	59.3 PK	74.0	-14.7	2.38 H	192	37.7	21.6
6	11570.00	47.2 AV	54.0	-6.8	2.38 H	192	25.6	21.6
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	#5617.60	59.7 PK	68.2	-8.5	1.07 V	268	48.4	11.3
2	*5785.00	120.3 PK			1.07 V	268	78.0	42.3
3	*5785.00	110.5 AV			1.07 V	268	68.2	42.3
4	#5957.60	60.9 PK	68.2	-7.3	1.07 V	268	48.9	12.0
5	11570.00	59.0 PK	74.0	-15.0	1.79 V	241	37.4	21.6
6	11570.00	46.9 AV	54.0	-7.1	1.79 V	241	25.3	21.6

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5612.40	59.6 PK	68.2	-8.6	1.30 H	5	48.3	11.3
2	*5825.00	123.5 PK			1.30 H	5	81.2	42.3
3	*5825.00	114.0 AV			1.30 H	5	71.7	42.3
4	#5987.60	60.2 PK	68.2	-8.0	1.30 H	5	48.2	12.0
5	11650.00	58.5 PK	74.0	-15.5	2.33 H	192	37.3	21.2
6	11650.00	46.5 AV	54.0	-7.5	2.33 H	192	25.3	21.2
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	#5643.20	59.6 PK	68.2	-8.6	1.19 V	272	48.3	11.3
2	*5825.00	118.1 PK			1.19 V	272	75.8	42.3
3	*5825.00	108.8 AV			1.19 V	272	66.5	42.3
4	#5938.40	60.8 PK	68.2	-7.4	1.19 V	272	48.8	12.0
5	11650.00	58.3 PK	74.0	-15.7	1.85 V	236	37.1	21.2
6	11650.00	45.9 AV	54.0	-8.1	1.85 V	236	24.7	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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	72.9 PK	74.0	-1.1	1.54 H	17	61.8	11.1
2	5150.00	53.1 AV	54.0	-0.9	1.54 H	17	42.0	11.1
3	*5180.00	123.3 PK			1.54 H	17	82.2	41.1
4	*5180.00	111.3 AV			1.54 H	17	70.2	41.1
5	#10360.00	57.7 PK	68.2	-10.5	2.29 H	189	36.9	20.8
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	66.8 PK	74.0	-7.2	1.00 V	72	55.7	11.1
2	5150.00	52.6 AV	54.0	-1.4	1.00 V	72	41.5	11.1
3	*5180.00	117.9 PK			1.00 V	72	76.8	41.1
4	*5180.00	106.2 AV			1.00 V	72	65.1	41.1
5	#10360.00	56.9 PK	68.2	-11.3	1.79 V	244	36.1	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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	*5200.00	123.2 PK			1.64 H	17	82.2	41.0
2	*5200.00	111.6 AV			1.64 H	17	70.6	41.0
3	#10400.00	58.2 PK	68.2	-10.0	2.30 H	185	37.2	21.0
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	*5200.00	120.7 PK			1.03 V	71	79.7	41.0
2	*5200.00	107.8 AV			1.03 V	71	66.8	41.0
3	#10400.00	57.4 PK	68.2	-10.8	1.70 V	234	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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	125.3 PK			1.58 H	18	84.0	41.3
2	*5240.00	112.7 AV			1.58 H	18	71.4	41.3
3	5350.00	58.2 PK	74.0	-15.8	1.58 H	18	47.2	11.0
4	5350.00	45.2 AV	54.0	-8.8	1.58 H	18	34.2	11.0
5	#10480.00	58.6 PK	68.2	-9.6	2.22 H	187	37.2	21.4
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	119.9 PK			1.07 V	71	78.6	41.3
2	*5240.00	107.3 AV			1.07 V	71	66.0	41.3
3	5350.00	58.0 PK	74.0	-16.0	1.07 V	71	47.0	11.0
4	5350.00	44.5 AV	54.0	-9.5	1.07 V	71	33.5	11.0
5	#10480.00	57.5 PK	68.2	-10.7	1.69 V	233	36.1	21.4

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	58.9 PK	74.0	-15.1	1.31 H	18	47.8	11.1
2	5150.00	45.4 AV	54.0	-8.6	1.31 H	18	34.3	11.1
3	*5260.00	119.7 PK			1.31 H	18	78.3	41.4
4	*5260.00	107.2 AV			1.31 H	18	65.8	41.4
5	#10520.00	58.2 PK	68.2	-10.0	2.25 H	195	36.8	21.4
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	58.7 PK	74.0	-15.3	1.72 V	46	47.6	11.1
2	5150.00	45.3 AV	54.0	-8.7	1.72 V	46	34.2	11.1
3	*5260.00	115.1 PK			1.72 V	46	73.7	41.4
4	*5260.00	103.6 AV			1.72 V	46	62.2	41.4
5	#10520.00	57.6 PK	68.2	-10.6	1.77 V	236	36.2	21.4

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	119.3 PK			1.36 H	15	77.9	41.4
2	*5300.00	107.4 AV			1.36 H	15	66.0	41.4
3	10600.00	58.1 PK	74.0	-15.9	2.32 H	193	36.9	21.2
4	10600.00	46.2 AV	54.0	-7.8	2.32 H	193	25.0	21.2
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	115.7 PK			1.75 V	42	74.3	41.4
2	*5300.00	103.6 AV			1.75 V	42	62.2	41.4
3	10600.00	57.5 PK	74.0	-16.5	1.74 V	235	36.3	21.2
4	10600.00	45.3 AV	54.0	-8.7	1.74 V	235	24.1	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.

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	119.5 PK			1.40 H	16	78.2	41.3
2	*5320.00	106.9 AV			1.40 H	16	65.6	41.3
3	5350.00	59.1 PK	74.0	-14.9	1.40 H	16	48.1	11.0
4	5350.00	46.3 AV	54.0	-7.7	1.40 H	16	35.3	11.0
5	10640.00	58.4 PK	74.0	-15.6	2.25 H	182	36.9	21.5
6	10640.00	46.4 AV	54.0	-7.6	2.25 H	182	24.9	21.5
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	115.8 PK			1.75 V	39	74.5	41.3
2	*5320.00	104.1 AV			1.75 V	39	62.8	41.3
3	5350.00	58.9 PK	74.0	-15.1	1.75 V	39	47.9	11.0
4	5350.00	45.8 AV	54.0	-8.2	1.75 V	39	34.8	11.0
5	10640.00	57.6 PK	74.0	-16.4	1.77 V	240	36.1	21.5
6	10640.00	45.8 AV	54.0	-8.2	1.77 V	240	24.3	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.

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	58.2 PK	74.0	-15.8	1.20 H	54	47.0	11.2
2	5460.00	45.2 AV	54.0	-8.8	1.20 H	54	34.0	11.2
3	#5470.00	58.9 PK	68.2	-9.3	1.20 H	54	47.7	11.2
4	*5500.00	116.4 PK			1.20 H	54	74.9	41.5
5	*5500.00	105.3 AV			1.20 H	54	63.8	41.5
6	11000.00	58.4 PK	74.0	-15.6	2.23 H	192	36.8	21.6
7	11000.00	46.4 AV	54.0	-7.6	2.23 H	192	24.8	21.6
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	57.5 PK	74.0	-16.5	3.02 V	280	46.3	11.2
2	5460.00	44.7 AV	54.0	-9.3	3.02 V	280	33.5	11.2
3	#5470.00	58.4 PK	68.2	-9.8	3.02 V	280	47.2	11.2
4	*5500.00	114.2 PK			3.02 V	280	72.7	41.5
5	*5500.00	102.4 AV			3.02 V	280	60.9	41.5
6	11000.00	58.1 PK	74.0	-15.9	1.75 V	234	36.5	21.6
7	11000.00	45.9 AV	54.0	-8.1	1.75 V	234	24.3	21.6

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	118.4 PK			1.39 H	45	76.8	41.6
2	*5580.00	107.2 AV			1.39 H	45	65.6	41.6
3	11160.00	58.7 PK	74.0	-15.3	2.22 H	185	37.0	21.7
4	11160.00	46.7 AV	54.0	-7.3	2.22 H	185	25.0	21.7
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	117.4 PK			2.77 V	283	75.8	41.6
2	*5580.00	104.7 AV			2.77 V	283	63.1	41.6
3	11160.00	58.1 PK	74.0	-15.9	1.78 V	241	36.4	21.7
4	11160.00	46.0 AV	54.0	-8.0	1.78 V	241	24.3	21.7

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	118.6 PK			1.52 H	44	76.6	42.0
2	*5700.00	106.3 AV			1.52 H	44	64.3	42.0
3	#5725.00	67.1 PK	68.2	-1.1	1.52 H	44	55.5	11.6
4	11400.00	59.1 PK	74.0	-14.9	2.23 H	192	37.0	22.1
5	11400.00	46.9 AV	54.0	-7.1	2.23 H	192	24.8	22.1
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	114.3 PK			2.77 V	285	72.3	42.0
2	*5700.00	102.4 AV			2.77 V	285	60.4	42.0
3	#5725.00	61.3 PK	68.2	-6.9	2.77 V	285	49.7	11.6
4	11400.00	58.5 PK	74.0	-15.5	1.78 V	222	36.4	22.1
5	11400.00	46.4 AV	54.0	-7.6	1.78 V	222	24.3	22.1

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5470.00	58.7 PK	68.2	-9.5	1.46 H	44	47.5	11.2
2	*5720.00	117.6 PK			1.46 H	44	75.5	42.1
3	*5720.00	106.0 AV			1.46 H	44	63.9	42.1
4	#5850.00	59.3 PK	68.2	-8.9	1.46 H	44	47.7	11.6
5	11440.00	58.8 PK	74.0	-15.2	2.21 H	182	36.8	22.0
6	11440.00	46.9 AV	54.0	-7.1	2.21 H	182	24.9	22.0
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	#5470.00	58.5 PK	68.2	-9.7	2.79 V	302	47.3	11.2
2	*5720.00	113.9 PK			2.79 V	302	71.8	42.1
3	*5720.00	101.6 AV			2.79 V	302	59.5	42.1
4	#5850.00	58.9 PK	68.2	-9.3	2.79 V	302	47.3	11.6
5	11440.00	58.4 PK	74.0	-15.6	1.79 V	244	36.4	22.0
6	11440.00	46.3 AV	54.0	-7.7	1.79 V	244	24.3	22.0

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5628.00	60.6 PK	68.2	-7.6	1.19 H	8	49.3	11.3
2	*5745.00	124.8 PK			1.19 H	8	82.6	42.2
3	*5745.00	113.5 AV			1.19 H	8	71.3	42.2
4	#5934.80	60.8 PK	68.2	-7.4	1.19 H	8	48.8	12.0
5	11490.00	59.5 PK	74.0	-14.5	2.38 H	193	37.5	22.0
6	11490.00	47.4 AV	54.0	-6.6	2.38 H	193	25.4	22.0
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	#5642.40	60.2 PK	68.2	-8.0	1.08 V	275	48.9	11.3
2	*5745.00	121.4 PK			1.07 V	275	79.2	42.2
3	*5745.00	110.3 AV			1.07 V	275	68.1	42.2
4	#5940.40	61.7 PK	68.2	-6.5	1.07 V	275	49.7	12.0
5	11490.00	59.3 PK	74.0	-14.7	1.79 V	239	37.3	22.0
6	11490.00	46.8 AV	54.0	-7.2	1.79 V	239	24.8	22.0

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.

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5615.60	60.0 PK	68.2	-8.2	1.22 H	7	48.7	11.3
2	*5785.00	124.7 PK			1.22 H	7	82.4	42.3
3	*5785.00	113.4 AV			1.22 H	7	71.1	42.3
4	#5972.80	60.8 PK	68.2	-7.4	1.22 H	7	48.8	12.0
5	11570.00	59.2 PK	74.0	-14.8	2.35 H	199	37.6	21.6
6	11570.00	47.1 AV	54.0	-6.9	2.35 H	199	25.5	21.6
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	#5637.20	60.2 PK	68.2	-8.0	1.07 V	279	48.9	11.3
2	*5785.00	122.2 PK			1.07 V	279	79.9	42.3
3	*5785.00	109.7 AV			1.07 V	279	67.4	42.3
4	#5947.20	61.7 PK	68.2	-6.5	1.07 V	279	49.6	12.1
5	11570.00	58.5 PK	74.0	-15.5	1.77 V	242	36.9	21.6
6	11570.00	46.3 AV	54.0	-7.7	1.77 V	242	24.7	21.6

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 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	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5647.60	60.5 PK	68.2	-7.7	1.29 H	7	49.2	11.3
2	*5825.00	124.8 PK			1.29 H	7	82.5	42.3
3	*5825.00	113.0 AV			1.29 H	7	70.7	42.3
4	#5958.80	61.2 PK	68.2	-7.0	1.29 H	7	49.2	12.0
5	11650.00	58.8 PK	74.0	-15.2	2.31 H	192	37.6	21.2
6	11650.00	46.5 AV	54.0	-7.5	2.31 H	192	25.3	21.2
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	#5626.80	60.6 PK	68.2	-7.6	1.04 V	271	49.3	11.3
2	*5825.00	120.3 PK			1.04 V	271	78.0	42.3
3	*5825.00	108.8 AV			1.04 V	271	66.5	42.3
4	#5955.60	60.8 PK	68.2	-7.4	1.04 V	271	48.8	12.0
5	11650.00	58.2 PK	74.0	-15.8	1.04 V	271	37.0	21.2
6	11650.00	46.0 AV	54.0	-8.0	1.04 V	271	24.8	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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	67.9 PK	74.0	-6.1	1.38 H	15	56.8	11.1
2	5150.00	53.1 AV	54.0	-0.9	1.38 H	15	42.0	11.1
3	*5190.00	119.9 PK			1.38 H	15	78.9	41.0
4	*5190.00	106.8 AV			1.38 H	15	65.8	41.0
5	#10380.00	57.7 PK	68.2	-10.5	2.22 H	188	36.8	20.9
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	1.04 V	70	51.4	11.1
2	5150.00	49.0 AV	54.0	-5.0	1.04 V	70	37.9	11.1
3	*5190.00	114.6 PK			1.04 V	70	73.6	41.0
4	*5190.00	102.1 AV			1.04 V	70	61.1	41.0
5	#10380.00	56.9 PK	68.2	-11.3	1.77 V	245	36.0	20.9

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	66.1 PK	74.0	-7.9	1.34 H	17	55.0	11.1
2	5150.00	50.3 AV	54.0	-3.7	1.34 H	17	39.2	11.1
3	*5230.00	119.9 PK			1.34 H	17	78.7	41.2
4	*5230.00	109.8 AV			1.34 H	17	68.6	41.2
5	5350.00	59.2 PK	74.0	-14.8	1.34 H	17	48.2	11.0
6	5350.00	46.3 AV	54.0	-7.7	1.34 H	17	35.3	11.0
7	#10460.00	58.4 PK	68.2	-9.8	2.28 H	190	37.0	21.4
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	117.9 PK			1.26 V	65	76.7	41.2
2	*5230.00	105.1 AV			1.26 V	65	63.9	41.2
3	5350.00	58.4 PK	74.0	-15.6	1.26 V	65	47.4	11.0
4	5350.00	45.4 AV	54.0	-8.6	1.26 V	65	34.4	11.0
5	#10460.00	57.6 PK	68.2	-10.6	1.77 V	231	36.2	21.4

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 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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	58.7 PK	74.0	-15.3	1.43 H	15	47.6	11.1
2	5150.00	45.4 AV	54.0	-8.6	1.43 H	15	34.3	11.1
3	*5270.00	117.7 PK			1.43 H	15	76.3	41.4
4	*5270.00	104.8 AV			1.43 H	15	63.4	41.4
5	#10540.00	58.4 PK	68.2	-9.8	2.22 H	192	37.0	21.4
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	1.74 V	38	47.0	11.1
2	5150.00	45.0 AV	54.0	-9.0	1.74 V	38	33.9	11.1
3	*5270.00	113.4 PK			1.74 V	38	72.0	41.4
4	*5270.00	101.3 AV			1.74 V	38	59.9	41.4
5	#10540.00	57.6 PK	68.2	-10.6	1.78 V	230	36.2	21.4

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 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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	117.0 PK			1.50 H	15	75.7	41.3
2	*5310.00	104.4 AV			1.50 H	15	63.1	41.3
3	5350.00	59.3 PK	74.0	-14.7	1.50 H	15	48.3	11.0
4	5350.00	46.5 AV	54.0	-7.5	1.50 H	15	35.5	11.0
5	10620.00	58.1 PK	74.0	-15.9	2.23 H	195	36.8	21.3
6	10620.00	46.1 AV	54.0	-7.9	2.23 H	195	24.8	21.3
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	113.1 PK			1.74 V	39	71.8	41.3
2	*5310.00	100.9 AV			1.74 V	39	59.6	41.3
3	5350.00	58.9 PK	74.0	-15.1	1.74 V	39	47.9	11.0
4	5350.00	45.9 AV	54.0	-8.1	1.74 V	39	34.9	11.0
5	10620.00	57.5 PK	74.0	-16.5	1.81 V	243	36.2	21.3
6	10620.00	45.5 AV	54.0	-8.5	1.81 V	243	24.2	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.

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	58.7 PK	74.0	-15.3	1.26 H	53	47.5	11.2
2	5460.00	45.4 AV	54.0	-8.6	1.26 H	53	34.2	11.2
3	#5470.00	60.2 PK	68.2	-8.0	1.26 H	53	49.0	11.2
4	*5510.00	114.6 PK			1.26 H	53	73.1	41.5
5	*5510.00	103.0 AV			1.26 H	53	61.5	41.5
6	11020.00	58.3 PK	74.0	-15.7	2.22 H	192	36.8	21.5
7	11020.00	46.2 AV	54.0	-7.8	2.22 H	192	24.7	21.5
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	58.3 PK	74.0	-15.7	2.79 V	277	47.1	11.2
2	5460.00	45.5 AV	54.0	-8.5	2.79 V	277	34.3	11.2
3	#5470.00	59.9 PK	68.2	-8.3	2.79 V	277	48.7	11.2
4	*5510.00	112.1 PK			2.79 V	277	70.6	41.5
5	*5510.00	100.3 AV			2.79 V	277	58.8	41.5
6	11020.00	57.9 PK	74.0	-16.1	1.75 V	246	36.4	21.5
7	11020.00	45.8 AV	54.0	-8.2	1.75 V	246	24.3	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 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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	115.8 PK			1.36 H	48	74.3	41.5
2	*5550.00	103.5 AV			1.36 H	48	62.0	41.5
3	11100.00	58.5 PK	74.0	-15.5	2.22 H	196	36.8	21.7
4	11100.00	46.5 AV	54.0	-7.5	2.22 H	196	24.8	21.7
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	114.1 PK			2.77 V	282	72.6	41.5
2	*5550.00	101.0 AV			2.77 V	282	59.5	41.5
3	11100.00	58.0 PK	74.0	-16.0	1.85 V	241	36.3	21.7
4	11100.00	46.1 AV	54.0	-7.9	1.85 V	241	24.4	21.7

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 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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	116.4 PK			1.47 H	39	74.6	41.8
2	*5670.00	104.0 AV			1.47 H	39	62.2	41.8
3	#5725.00	58.6 PK	68.2	-9.6	1.47 H	39	47.0	11.6
4	11340.00	58.7 PK	74.0	-15.3	2.21 H	190	37.0	21.7
5	11340.00	46.5 AV	54.0	-7.5	2.21 H	190	24.8	21.7
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	112.5 PK			2.92 V	297	70.7	41.8
2	*5670.00	100.1 AV			2.92 V	297	58.3	41.8
3	#5725.00	58.3 PK	68.2	-9.9	2.92 V	297	46.7	11.6
4	11340.00	58.1 PK	74.0	-15.9	1.79 V	244	36.4	21.7
5	11340.00	46.1 AV	54.0	-7.9	1.79 V	244	24.4	21.7

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5470.00	58.4 PK	68.2	-9.8	1.59 H	44	47.2	11.2
2	*5710.00	116.2 PK			1.59 H	44	74.2	42.0
3	*5710.00	103.5 AV			1.59 H	44	61.5	42.0
4	#5850.00	59.1 PK	68.2	-9.1	1.59 H	44	47.5	11.6
5	11420.00	59.1 PK	74.0	-14.9	2.21 H	185	37.0	22.1
6	11420.00	46.9 AV	54.0	-7.1	2.21 H	185	24.8	22.1
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	#5470.00	58.3 PK	68.2	-9.9	2.99 V	277	47.1	11.2
2	*5710.00	111.7 PK			2.99 V	277	69.7	42.0
3	*5710.00	99.7 AV			2.99 V	277	57.7	42.0
4	#5850.00	58.8 PK	68.2	-9.4	2.99 V	277	47.2	11.6
5	11420.00	58.4 PK	74.0	-15.6	1.84 V	249	36.3	22.1
6	11420.00	46.3 AV	54.0	-7.7	1.84 V	249	24.2	22.1

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5647.60	61.7 PK	68.2	-6.5	1.28 H	9	50.4	11.3
2	*5755.00	123.8 PK			1.28 H	9	81.6	42.2
3	*5755.00	110.6 AV			1.28 H	9	68.4	42.2
4	#5989.20	60.8 PK	68.2	-7.4	1.28 H	9	48.7	12.1
5	11510.00	59.1 PK	74.0	-14.9	2.22 H	192	37.2	21.9
6	11510.00	47.1 AV	54.0	-6.9	2.22 H	192	25.2	21.9
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	#5646.40	60.8 PK	68.2	-7.4	1.04 V	271	49.5	11.3
2	*5755.00	118.5 PK			1.04 V	271	76.3	42.2
3	*5755.00	106.7 AV			1.04 V	271	64.5	42.2
4	#5962.40	62.1 PK	68.2	-6.1	1.04 V	271	50.1	12.0
5	11510.00	58.8 PK	74.0	-15.2	1.85 V	245	36.9	21.9
6	11510.00	46.7 AV	54.0	-7.3	1.85 V	245	24.8	21.9

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.

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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5634.80	59.6 PK	68.2	-8.6	1.25 H	6	48.3	11.3
2	*5795.00	123.5 PK			1.25 H	6	81.1	42.4
3	*5795.00	111.2 AV			1.25 H	6	68.8	42.4
4	#5974.00	60.9 PK	68.2	-7.3	1.25 H	6	48.9	12.0
5	11590.00	58.8 PK	74.0	-15.2	2.25 H	186	37.3	21.5
6	11590.00	46.8 AV	54.0	-7.2	2.25 H	186	25.3	21.5
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	#5603.60	61.3 PK	68.2	-6.9	1.04 V	280	50.0	11.3
2	*5795.00	119.4 PK			1.04 V	280	77.0	42.4
3	*5795.00	106.7 AV			1.04 V	280	64.3	42.4
4	#5932.80	61.4 PK	68.2	-6.8	1.04 V	280	49.4	12.0
5	11590.00	58.7 PK	74.0	-15.3	1.84 V	247	37.2	21.5
6	11590.00	46.6 AV	54.0	-7.4	1.84 V	247	25.1	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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	65.3 PK	74.0	-8.7	1.35 H	17	54.2	11.1
2	5150.00	53.1 AV	54.0	-0.9	1.35 H	17	42.0	11.1
3	*5210.00	117.3 PK			1.35 H	17	76.2	41.1
4	*5210.00	104.6 AV			1.35 H	17	63.5	41.1
5	#10420.00	57.8 PK	68.2	-10.4	2.25 H	192	36.8	21.0
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	5143.00	62.6 PK	74.0	-11.4	1.00 V	70	51.5	11.1
2	5143.00	49.1 AV	54.0	-4.9	1.00 V	70	38.0	11.1
3	*5210.00	113.2 PK			1.00 V	70	72.1	41.1
4	*5210.00	100.1 AV			1.00 V	70	59.0	41.1
5	#10420.00	57.3 PK	68.2	-10.9	1.74 V	239	36.3	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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	*5290.00	115.9 PK			1.49 H	15	74.5	41.4
2	*5290.00	102.8 AV			1.49 H	15	61.4	41.4
3	5350.00	59.2 PK	74.0	-14.8	1.49 H	15	48.2	11.0
4	5350.00	46.6 AV	54.0	-7.4	1.49 H	15	35.6	11.0
5	#10580.00	58.1 PK	68.2	-10.1	2.25 H	188	36.8	21.3
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	*5290.00	112.1 PK			1.51 V	40	70.7	41.4
2	*5290.00	98.5 AV			1.51 V	40	57.1	41.4
3	5350.00	58.3 PK	74.0	-15.7	1.51 V	40	47.3	11.0
4	5350.00	45.1 AV	54.0	-8.9	1.51 V	40	34.1	11.0
5	#10580.00	57.6 PK	68.2	-10.6	1.79 V	236	36.3	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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	60.9 PK	74.0	-13.1	1.39 H	49	49.7	11.2
2	5460.00	48.0 AV	54.0	-6.0	1.39 H	49	36.8	11.2
3	#5470.00	62.4 PK	68.2	-5.8	1.39 H	49	51.2	11.2
4	*5530.00	113.2 PK			1.39 H	49	71.7	41.5
5	*5530.00	100.4 AV			1.39 H	49	58.9	41.5
6	11060.00	58.5 PK	74.0	-15.5	2.22 H	188	36.9	21.6
7	11060.00	46.4 AV	54.0	-7.6	2.22 H	188	24.8	21.6
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	60.4 PK	74.0	-13.6	2.95 V	279	49.2	11.2
2	5460.00	47.6 AV	54.0	-6.4	2.95 V	279	36.4	11.2
3	#5470.00	61.2 PK	68.2	-7.0	2.95 V	279	50.0	11.2
4	*5530.00	109.8 PK			2.95 V	279	68.3	41.5
5	*5530.00	97.3 AV			2.95 V	279	55.8	41.5
6	11060.00	57.9 PK	74.0	-16.1	1.79 V	247	36.3	21.6
7	11060.00	45.8 AV	54.0	-8.2	1.79 V	247	24.2	21.6

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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	113.5 PK			1.48 H	42	71.8	41.7
2	*5610.00	101.3 AV			1.48 H	42	59.6	41.7
3	#5725.00	58.6 PK	68.2	-9.6	1.48 H	42	47.0	11.6
4	11220.00	58.6 PK	74.0	-15.4	2.29 H	187	37.0	21.6
5	11220.00	46.5 AV	54.0	-7.5	2.29 H	187	24.9	21.6
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	111.4 PK			2.95 V	266	69.7	41.7
2	*5610.00	98.4 AV			2.95 V	266	56.7	41.7
3	#5725.00	58.3 PK	68.2	-9.9	2.95 V	266	46.7	11.6
4	11220.00	57.9 PK	74.0	-16.1	1.72 V	249	36.3	21.6
5	11220.00	45.9 AV	54.0	-8.1	1.72 V	249	24.3	21.6

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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5470.00	58.4 PK	68.2	-9.8	1.48 H	40	47.2	11.2
2	*5690.00	113.5 PK			1.48 H	40	71.6	41.9
3	*5690.00	100.5 AV			1.48 H	40	58.6	41.9
4	#5850.00	59.2 PK	68.2	-9.0	1.48 H	40	47.6	11.6
5	11380.00	58.9 PK	74.0	-15.1	2.23 H	195	37.0	21.9
6	11380.00	46.7 AV	54.0	-7.3	2.23 H	195	24.8	21.9
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	#5470.00	58.2 PK	68.2	-10.0	2.95 V	261	47.0	11.2
2	*5690.00	109.7 PK			2.95 V	261	67.8	41.9
3	*5690.00	97.3 AV			2.95 V	261	55.4	41.9
4	#5850.00	58.8 PK	68.2	-9.4	2.95 V	261	47.2	11.6
5	11380.00	58.3 PK	74.0	-15.7	1.85 V	242	36.4	21.9
6	11380.00	46.2 AV	54.0	-7.8	1.85 V	242	24.3	21.9

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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5640.80	63.7 PK	68.2	-4.5	1.29 H	4	52.4	11.3
2	#5662.00	76.7 PK	77.1	-0.4	1.29 H	4	65.3	11.4
3	*5775.00	119.3 PK			1.29 H	4	77.0	42.3
4	*5775.00	107.0 AV			1.29 H	4	64.7	42.3
5	#5985.60	61.4 PK	68.2	-6.8	1.29 H	4	49.4	12.0
6	11550.00	58.9 PK	74.0	-15.1	2.33 H	190	37.2	21.7
7	11550.00	46.9 AV	54.0	-7.1	2.33 H	190	25.2	21.7
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	#5644.80	62.7 PK	68.2	-5.5	1.11 V	270	51.4	11.3
2	*5775.00	115.6 PK			1.11 V	270	73.3	42.3
3	*5775.00	103.4 AV			1.11 V	270	61.1	42.3
4	#5938.00	61.6 PK	68.2	-6.6	1.11 V	270	49.6	12.0
5	11550.00	58.5 PK	74.0	-15.5	1.79 V	228	36.8	21.7
6	11550.00	46.7 AV	54.0	-7.3	1.79 V	228	25.0	21.7

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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	66.1 PK	74.0	-7.9	1.45 H	18	55.0	11.1
2	5150.00	51.1 AV	54.0	-2.9	1.45 H	18	40.0	11.1
3	*5250.00	114.9 PK			1.45 H	18	73.5	41.4
4	*5250.00	102.3 AV			1.45 H	18	60.9	41.4
5	5350.00	72.0 PK	74.0	-2.0	1.45 H	18	61.0	11.0
6	5350.00	53.2 AV	54.0	-0.8	1.45 H	18	42.2	11.0
7	#10500.00	58.3 PK	68.2	-9.9	2.22 H	192	36.8	21.5
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	5145.00	66.4 PK	74.0	-7.6	1.37 V	53	55.3	11.1
2	5145.00	49.8 AV	54.0	-4.2	1.37 V	53	38.7	11.1
3	*5250.00	109.9 PK			1.37 V	53	68.5	41.4
4	*5250.00	98.2 AV			1.37 V	53	56.8	41.4
5	5360.50	67.8 PK	74.0	-6.2	1.37 V	53	56.8	11.0
6	5360.50	51.5 AV	54.0	-2.5	1.37 V	53	40.5	11.0
7	#10500.00	57.8 PK	68.2	-10.4	1.80 V	236	36.3	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 (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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	63.4 PK	74.0	-10.6	1.45 H	45	52.2	11.2
2	5460.00	49.0 AV	54.0	-5.0	1.45 H	45	37.8	11.2
3	#5470.00	67.2 PK	68.2	-1.0	1.45 H	45	56.0	11.2
4	*5570.00	110.2 PK			1.45 H	45	68.6	41.6
5	*5570.00	98.1 AV			1.45 H	45	56.5	41.6
6	#5725.00	63.1 PK	68.2	-5.1	1.45 H	45	51.5	11.6
7	11140.00	58.5 PK	74.0	-15.5	2.22 H	182	36.8	21.7
8	11140.00	46.4 AV	54.0	-7.6	2.22 H	182	24.7	21.7
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	61.1 PK	74.0	-12.9	1.00 V	141	49.9	11.2
2	5460.00	47.4 AV	54.0	-6.6	1.00 V	141	36.2	11.2
3	#5470.00	62.6 PK	68.2	-5.6	1.00 V	141	51.4	11.2
4	*5570.00	105.4 PK			1.00 V	141	63.8	41.6
5	*5570.00	93.5 AV			1.00 V	141	51.9	41.6
6	#5725.00	61.5 PK	68.2	-6.7	1.00 V	141	49.9	11.6
7	11140.00	57.9 PK	74.0	-16.1	1.77 V	235	36.2	21.7
8	11140.00	46.0 AV	54.0	-8.0	1.77 V	235	24.3	21.7

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 114+138 : 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=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

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	#5470.00	67.4 PK	68.2	-0.8	1.58 H	49	56.2	11.2
2	*5610.00	107.2 PK			1.58 H	49	65.5	41.7
3	*5610.00	95.7 AV			1.58 H	49	54.0	41.7
4	#5850.00	62.1 PK	68.2	-6.1	1.58 H	49	50.5	11.6
5	11220.00	58.3 PK	74.0	-15.7	2.22 H	188	36.7	21.6
6	11220.00	46.3 AV	54.0	-7.7	2.22 H	188	24.7	21.6
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	#5470.00	64.2 PK	68.2	-4.0	1.03 V	145	53.0	11.2
2	*5610.00	104.3 PK			1.03 V	145	62.6	41.7
3	*5610.00	91.9 AV			1.03 V	145	50.2	41.7
4	#5850.00	59.6 PK	68.2	-8.6	1.03 V	145	48.0	11.6
5	11220.00	57.7 PK	74.0	-16.3	1.80 V	244	36.1	21.6
6	11220.00	45.9 AV	54.0	-8.1	1.80 V	244	24.3	21.6

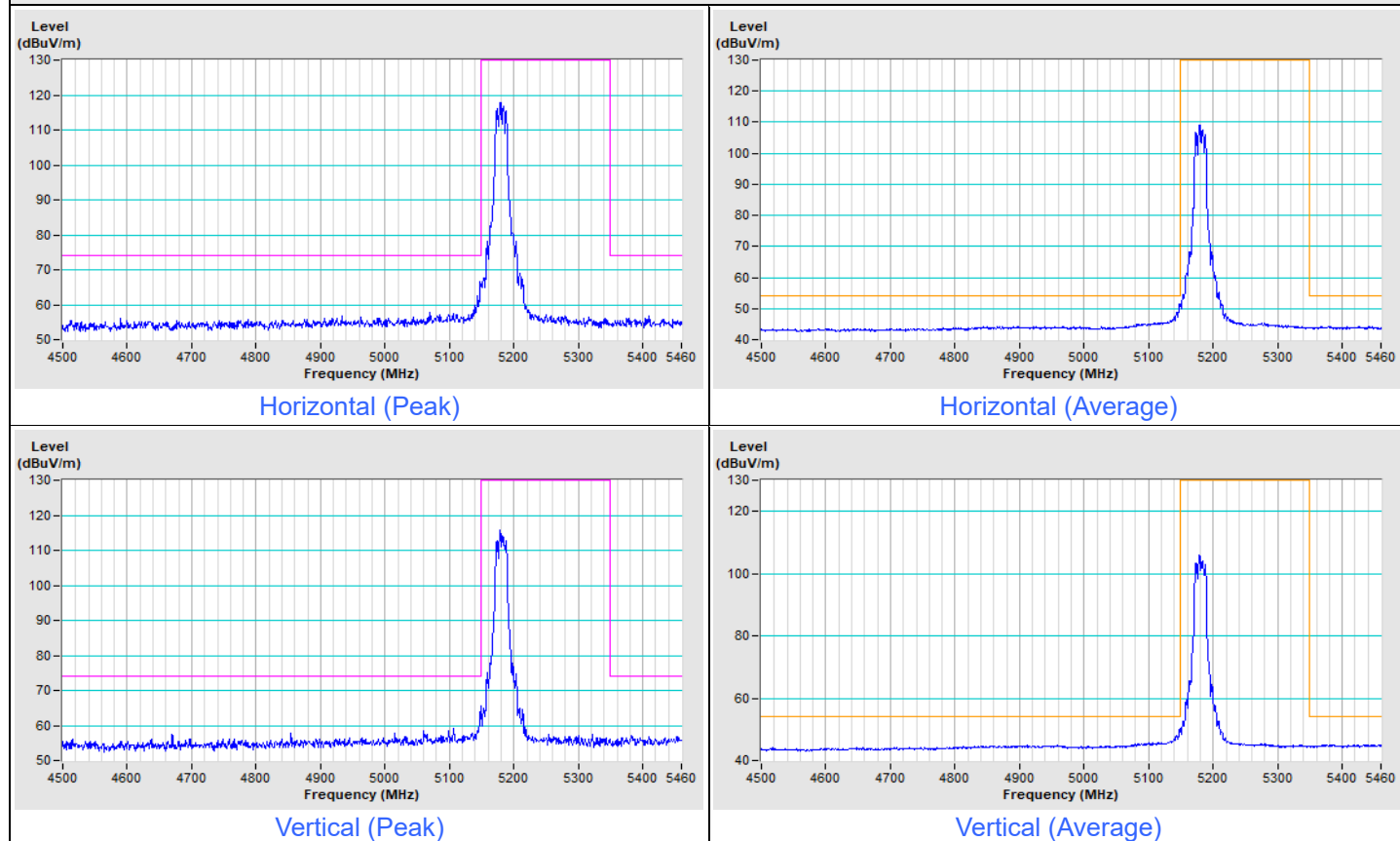
Remarks:

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.

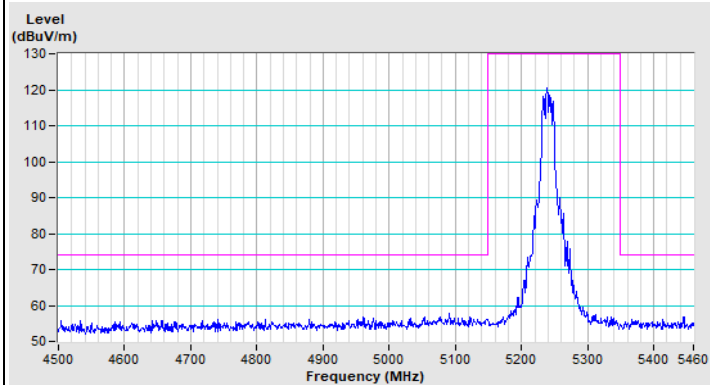
Plot of Band Edge

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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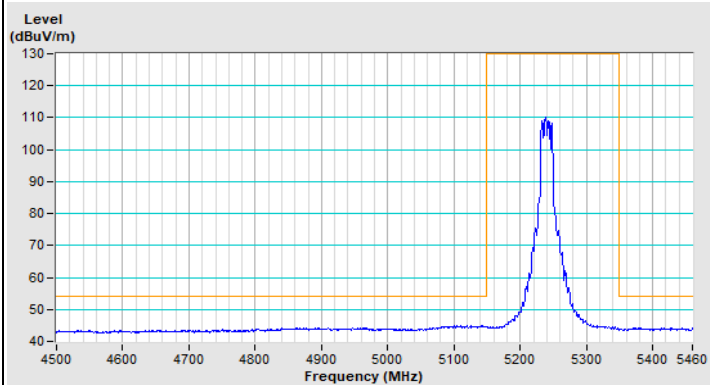
802.11a Channel 36



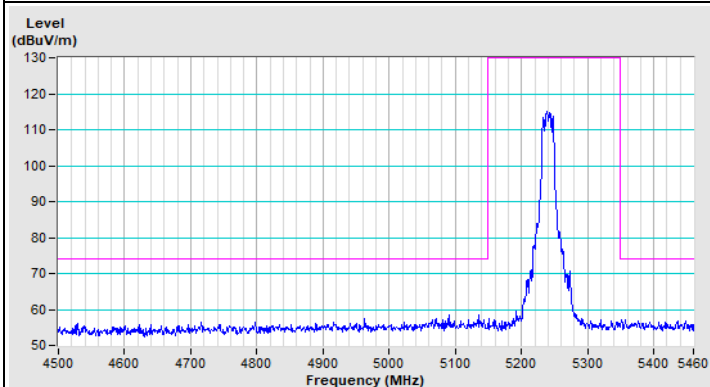
802.11a Channel 48



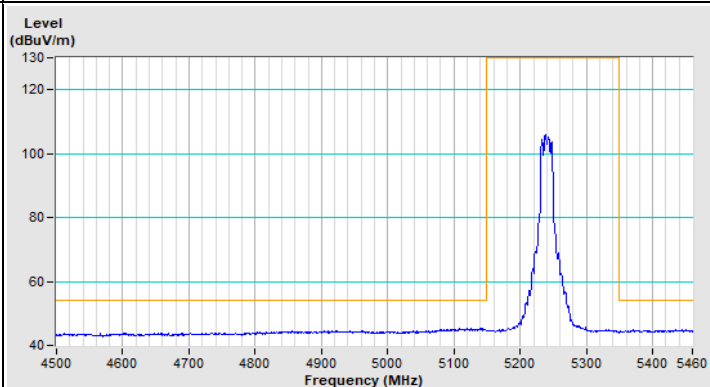
Horizontal (Peak)



Horizontal (Average)

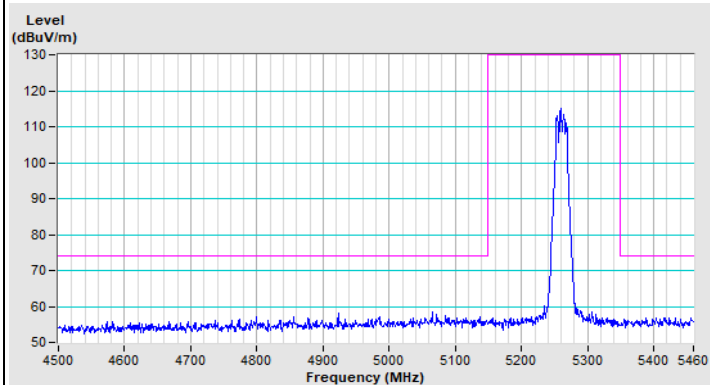


Vertical (Peak)

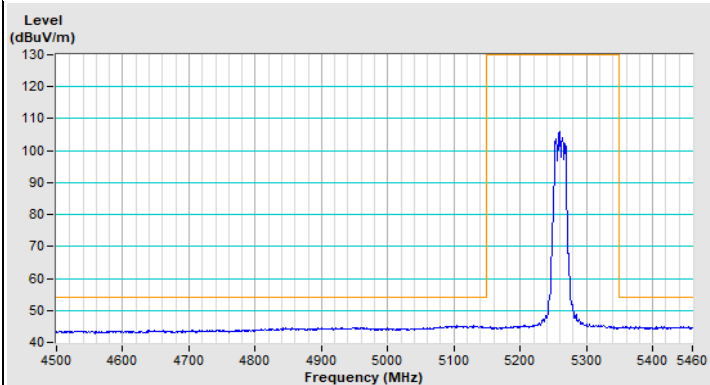


Vertical (Average)

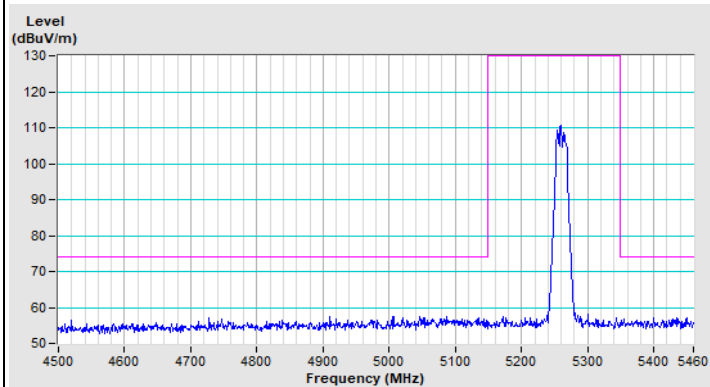
802.11a Channel 52



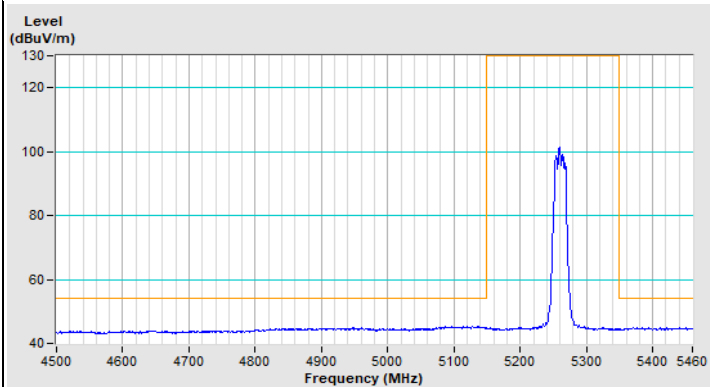
Horizontal (Peak)



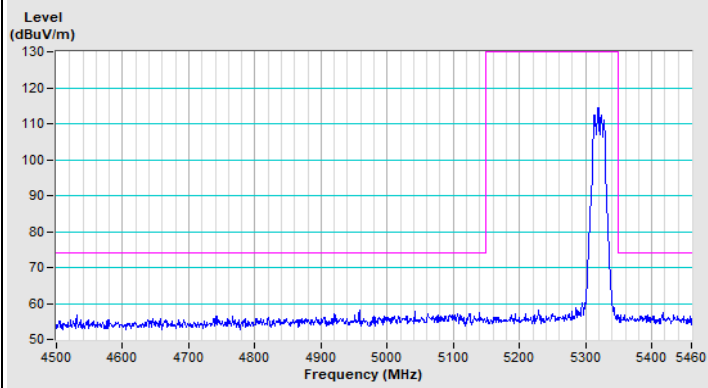
Horizontal (Average)



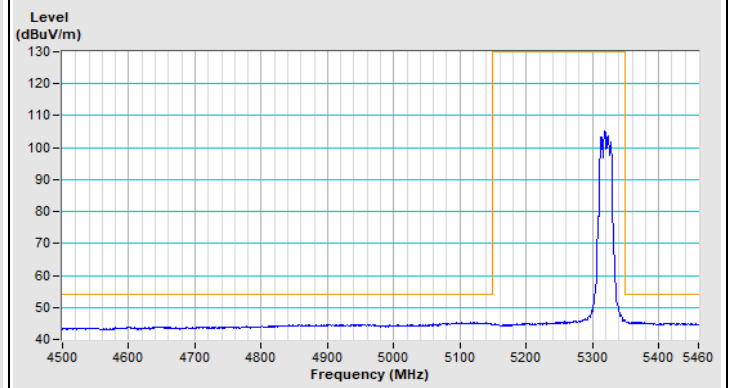
Vertical (Peak)



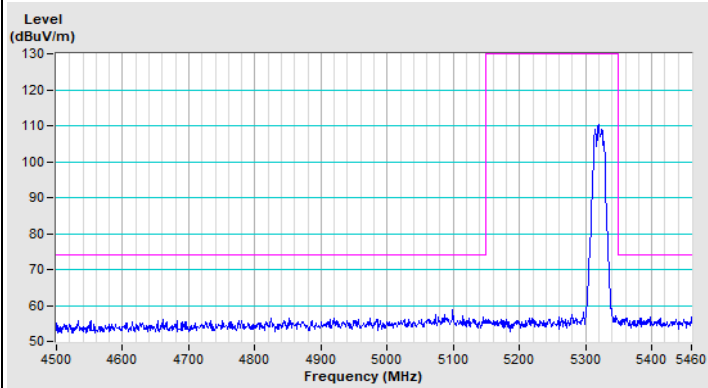
Vertical (Average)

802.11a Channel 64

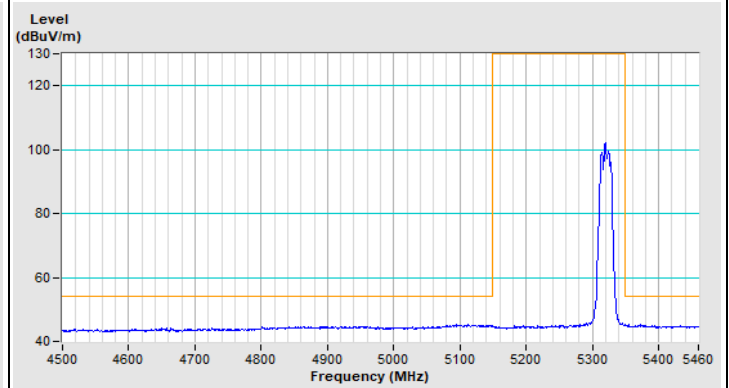
Horizontal (Peak)



Horizontal (Average)



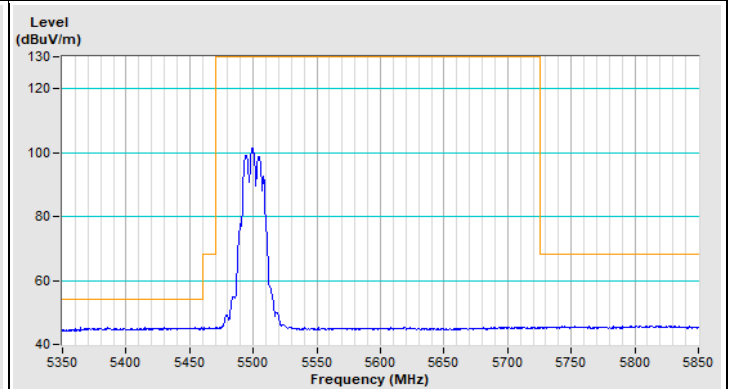
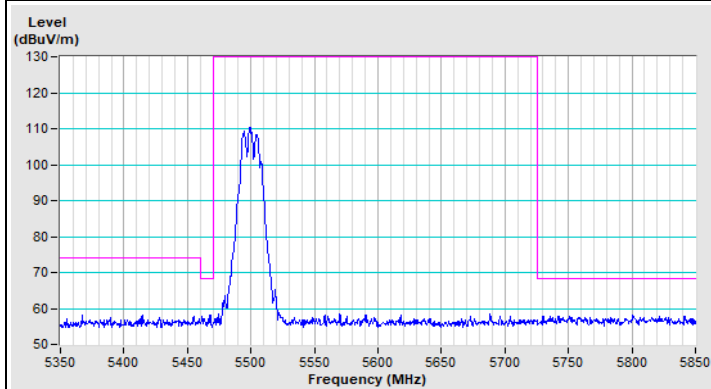
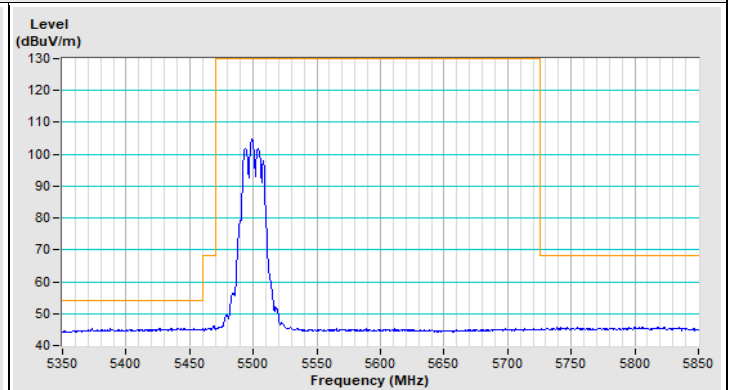
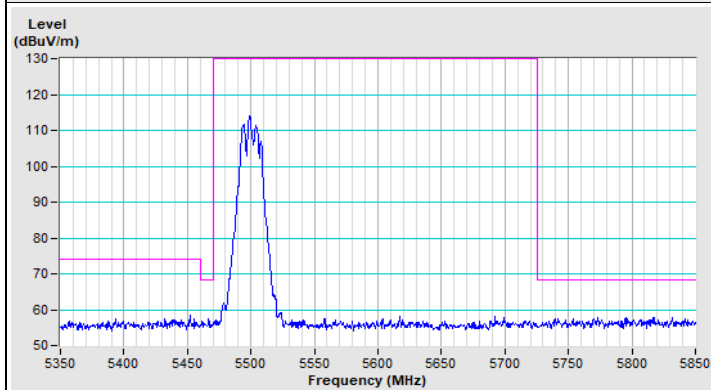
Vertical (Peak)



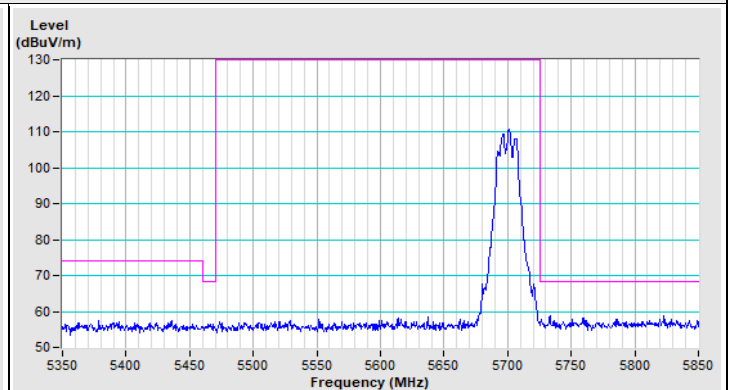
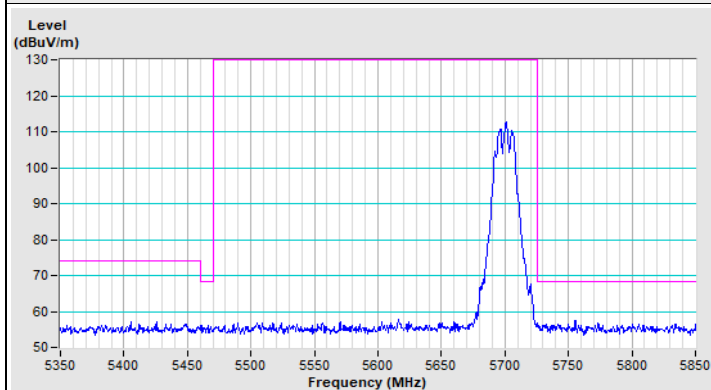
Vertical (Average)

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

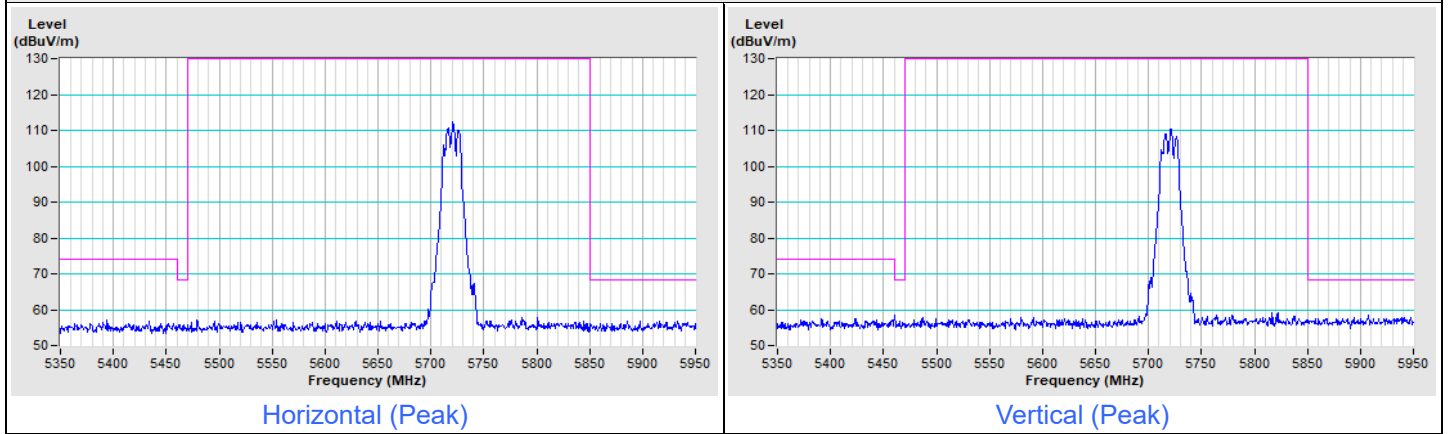


802.11a Channel 140



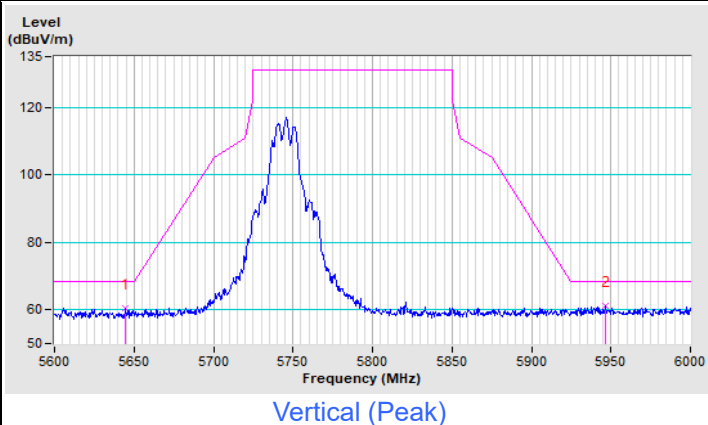
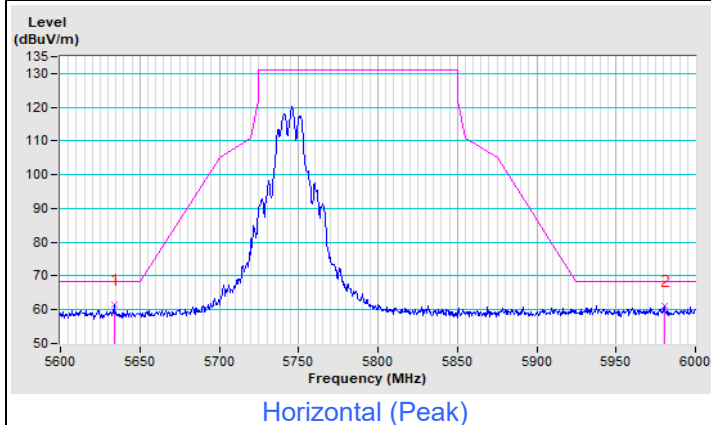
Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11a Channel 144

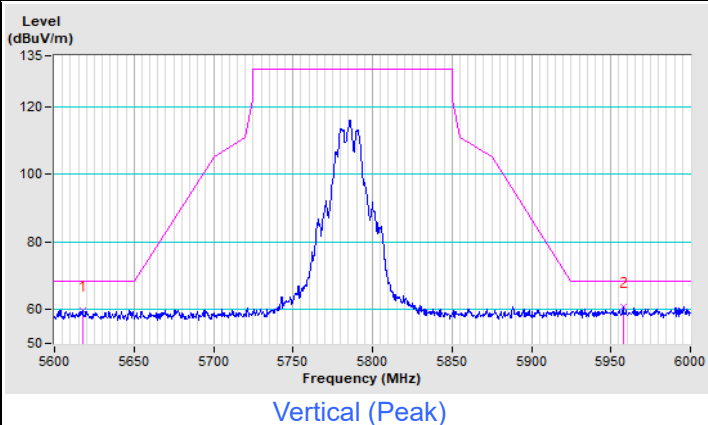
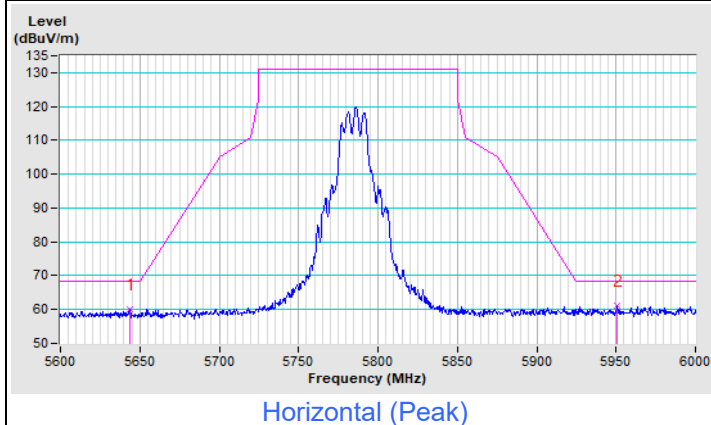


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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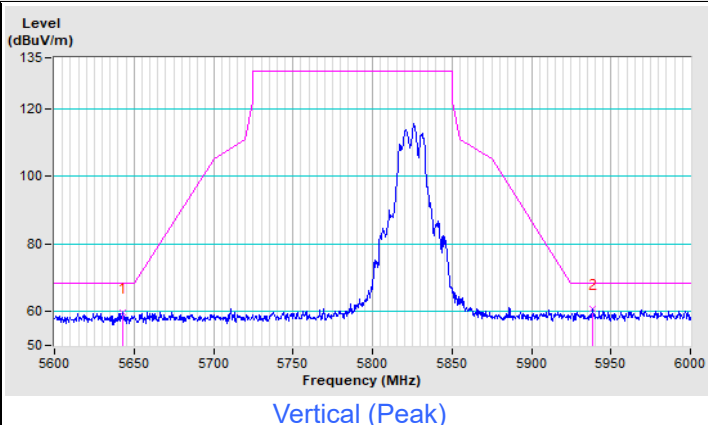
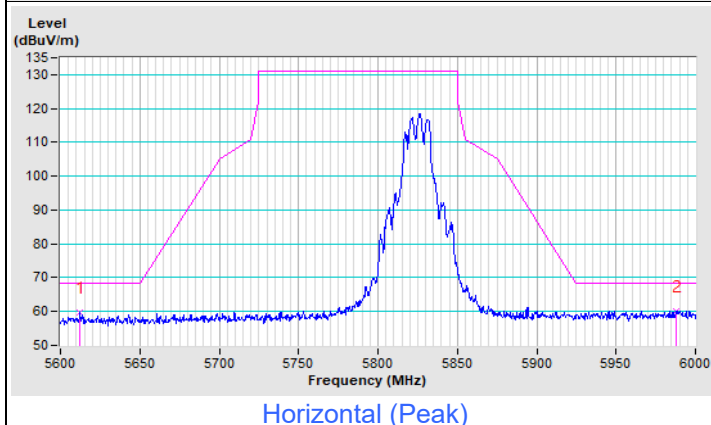
802.11a Channel 149



802.11a Channel 157

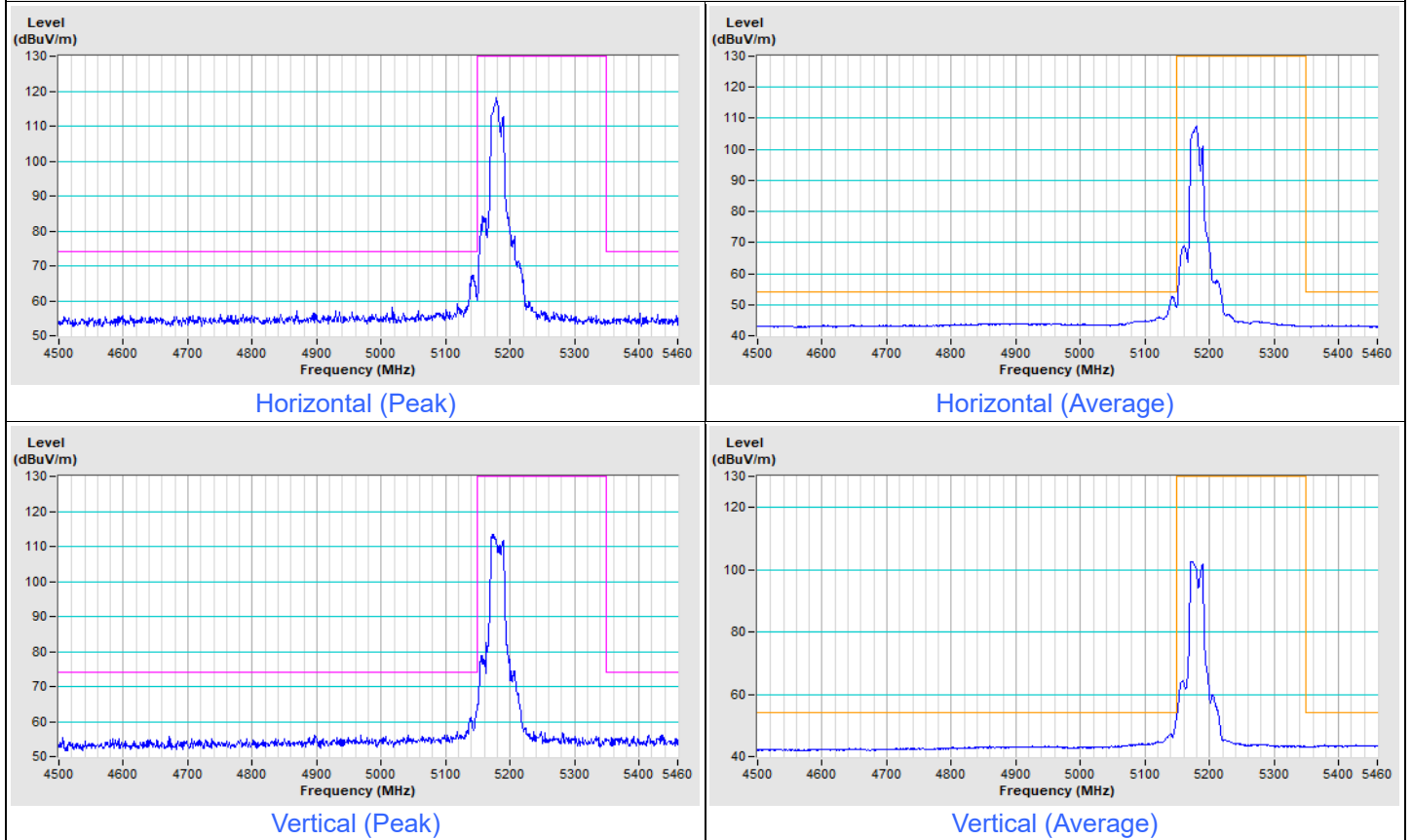


802.11a Channel 165

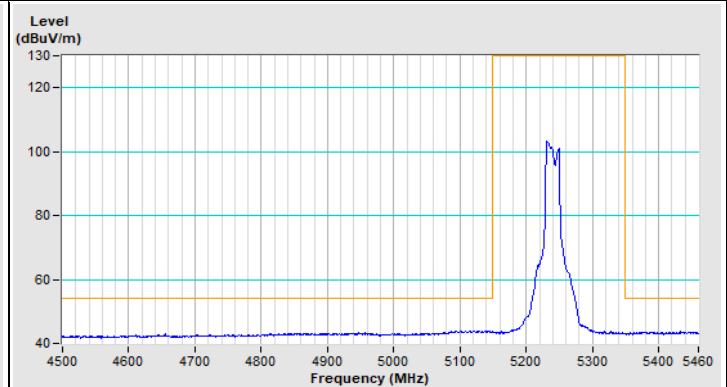
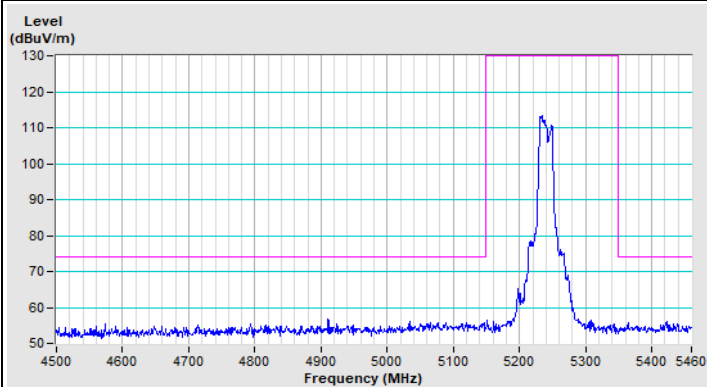
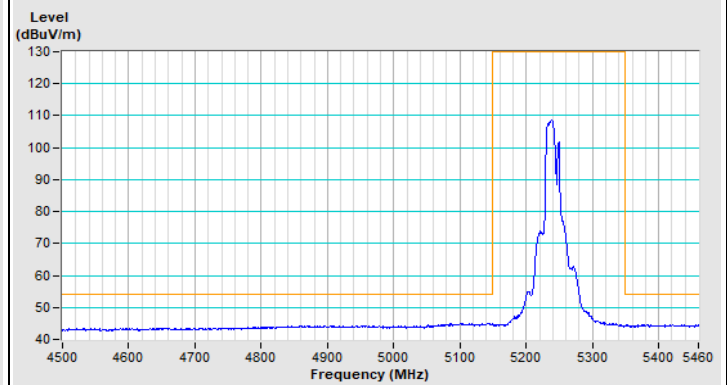
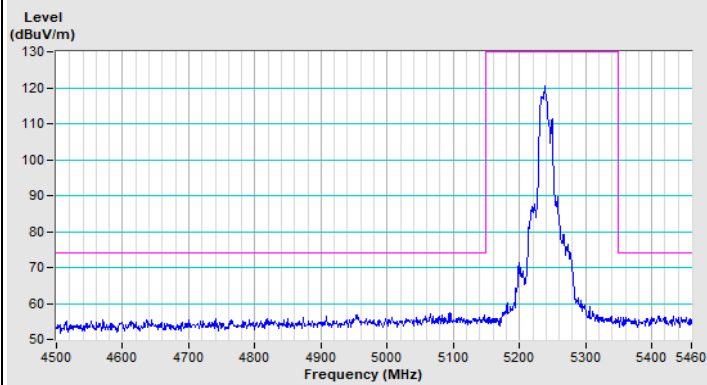


Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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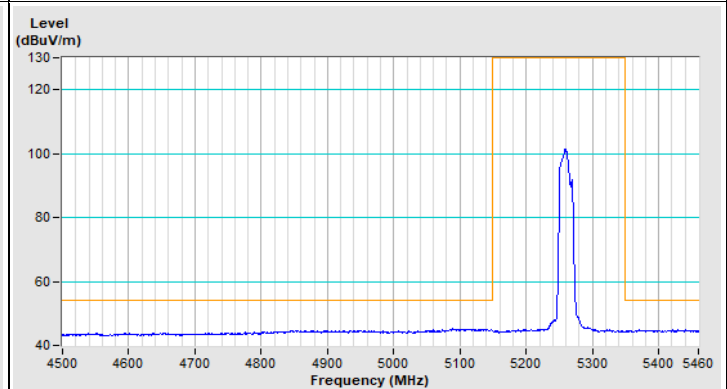
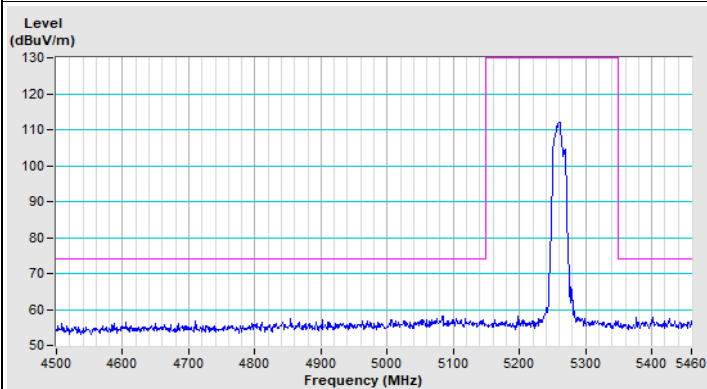
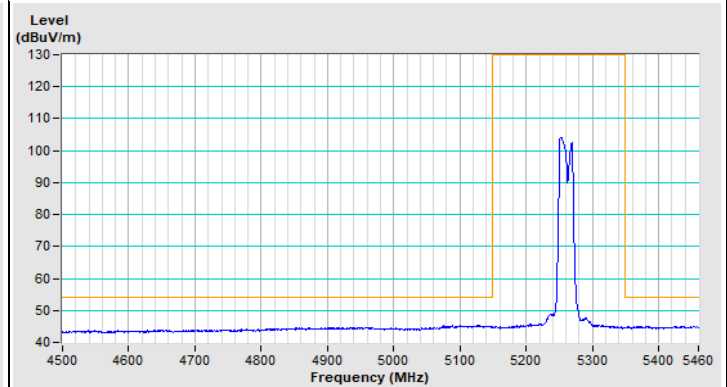
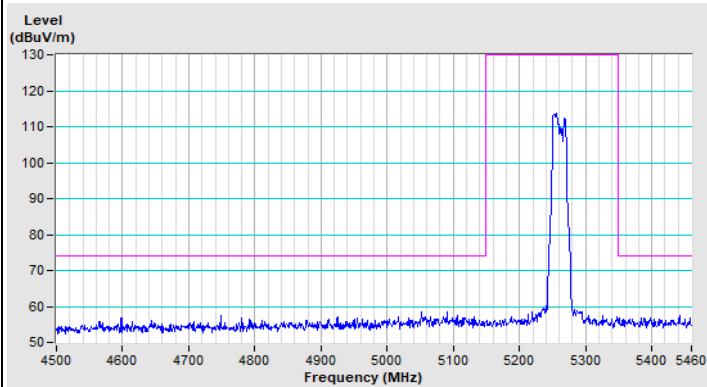
802.11be (EHT20) Channel 36



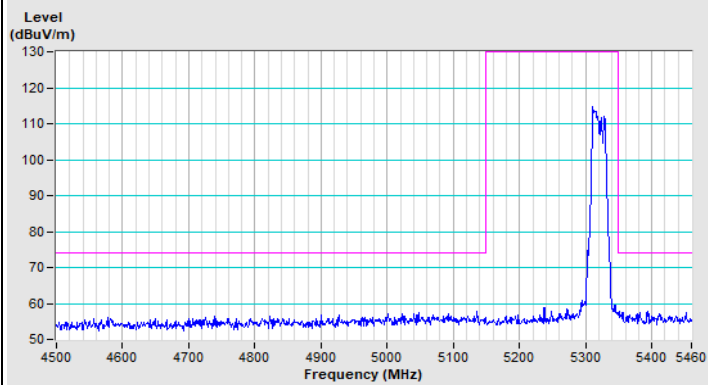
802.11be (EHT20) Channel 48



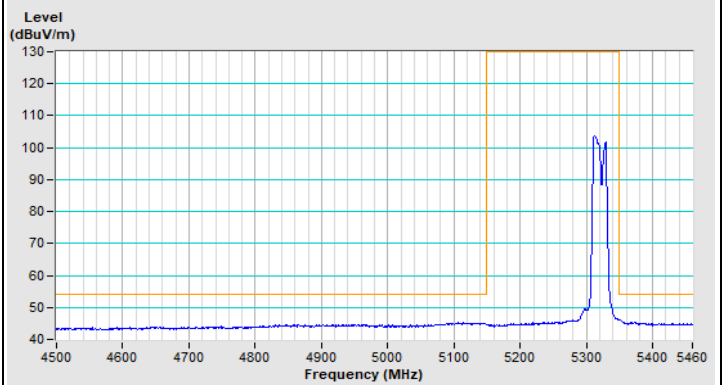
802.11be (EHT20) Channel 52



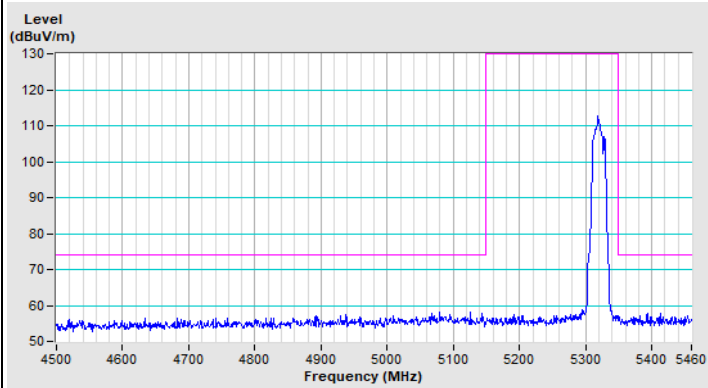
802.11be (EHT20) Channel 64



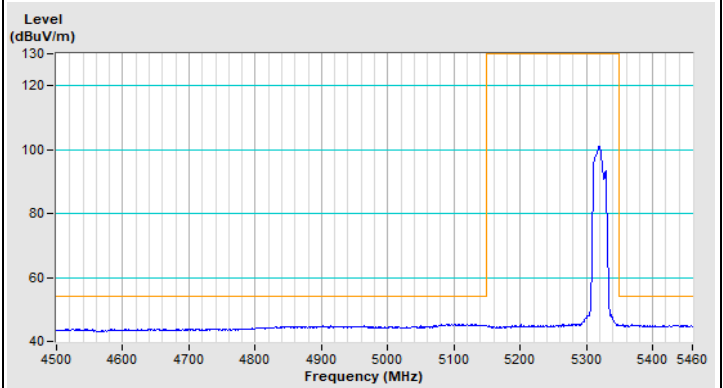
Horizontal (Peak)



Horizontal (Average)



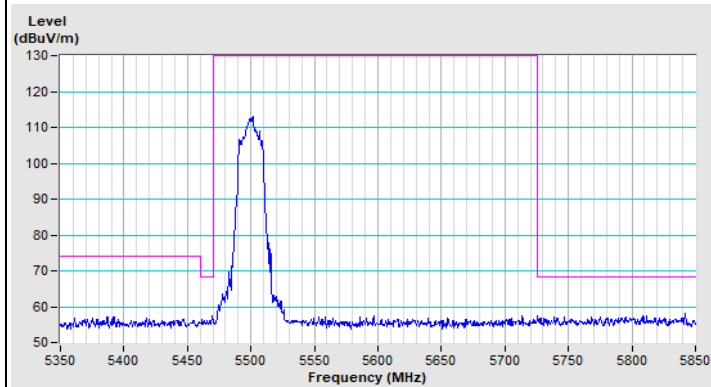
Vertical (Peak)



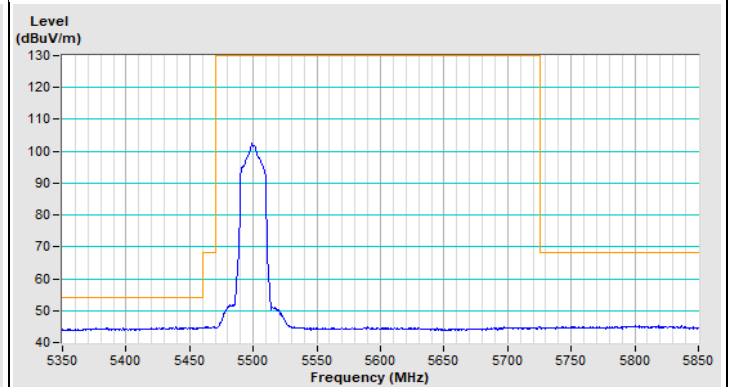
Vertical (Average)

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=10 Hz, DET=Peak
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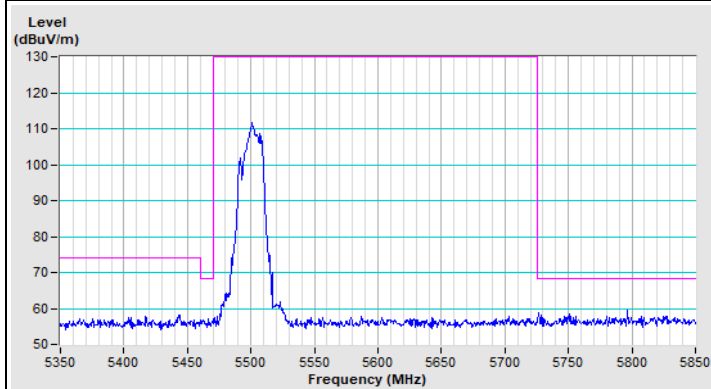
802.11be (EHT20) Channel 100



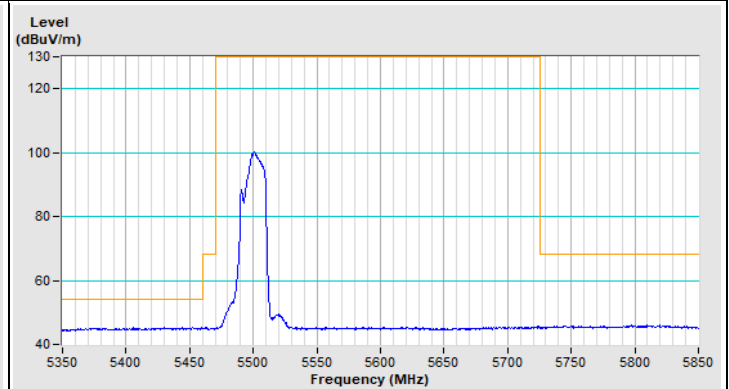
Horizontal (Peak)



Horizontal (Average)

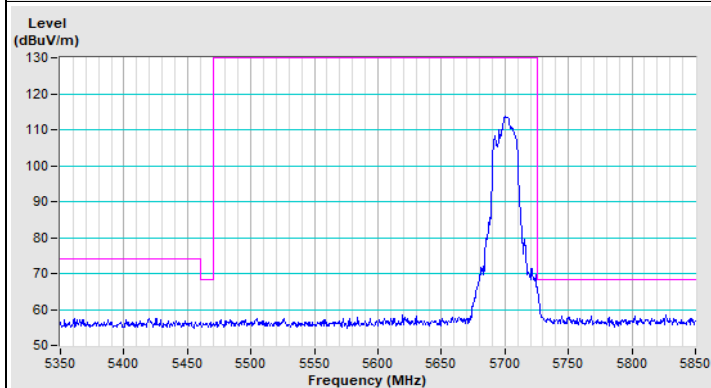


Vertical (Peak)

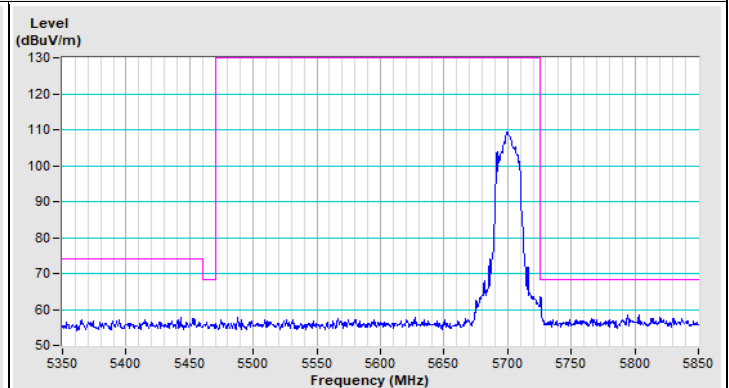


Vertical (Average)

802.11be (EHT20) Channel 140



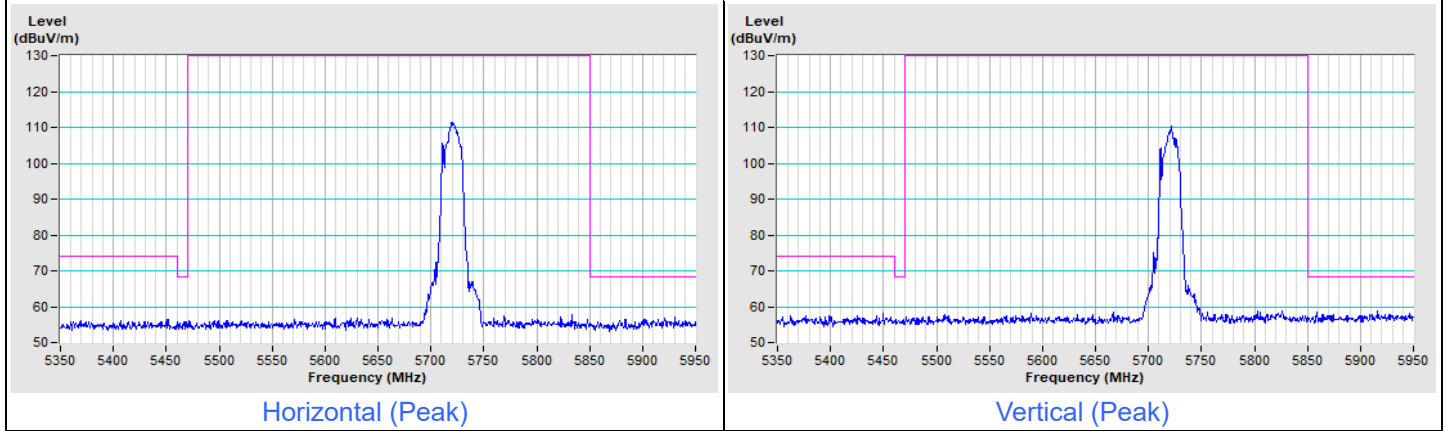
Horizontal (Peak)



Vertical (Peak)

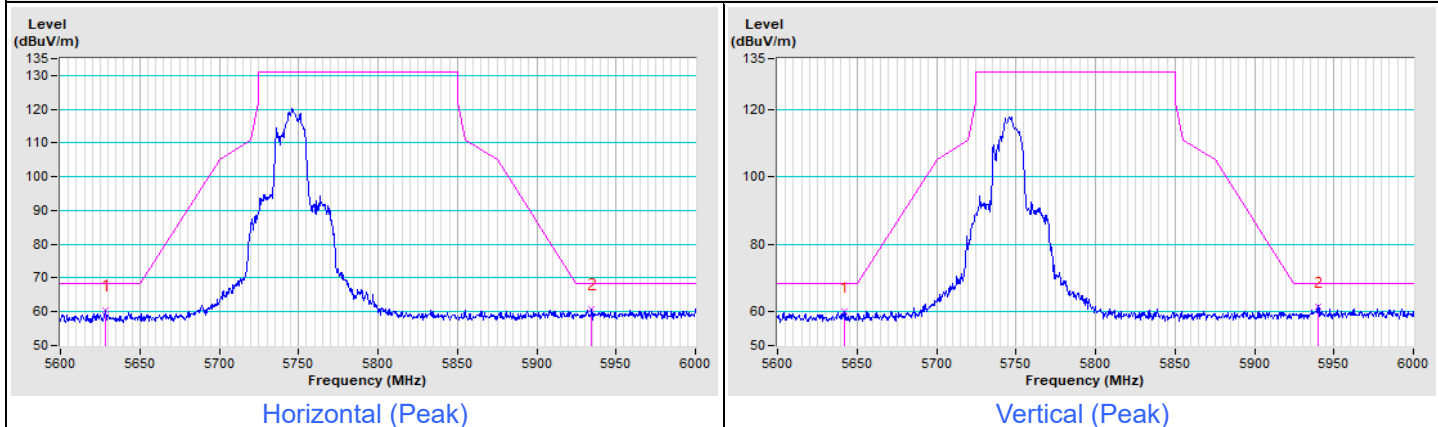
Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11be (EHT20) Channel 144

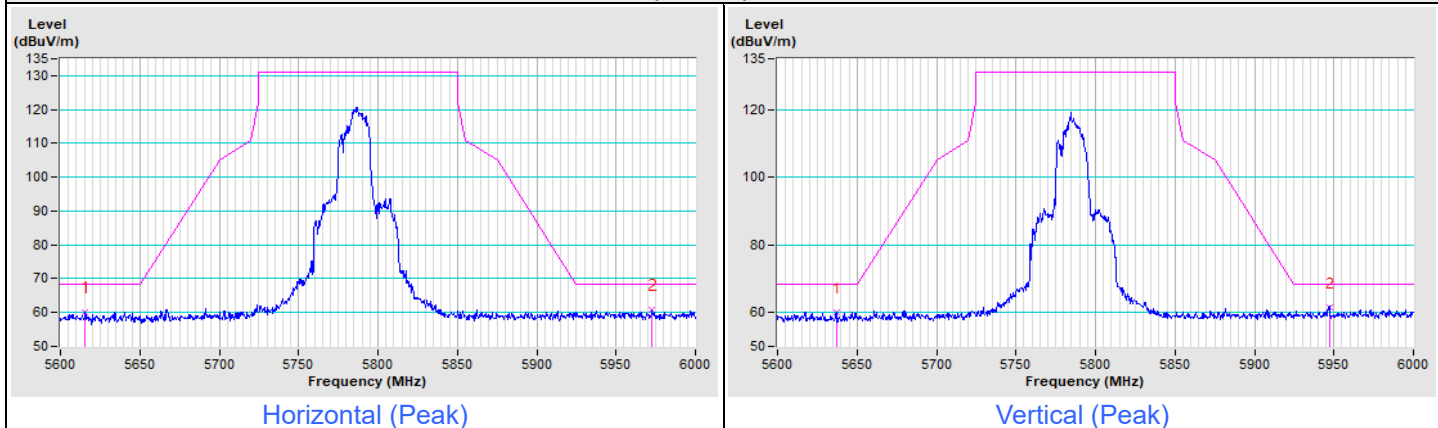


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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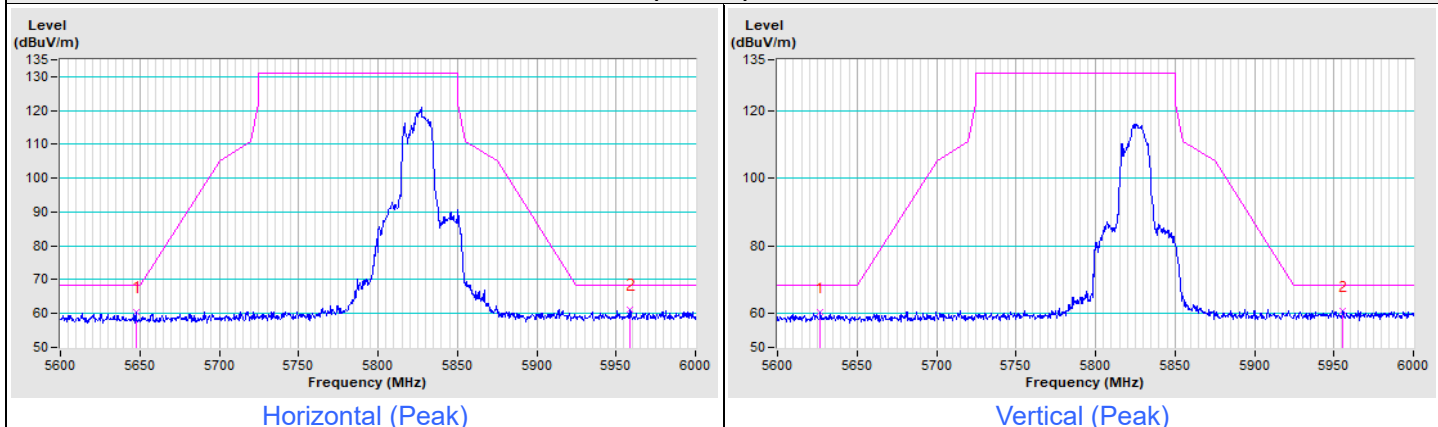
802.11be (EHT20) Channel 149



802.11be (EHT20) Channel 157

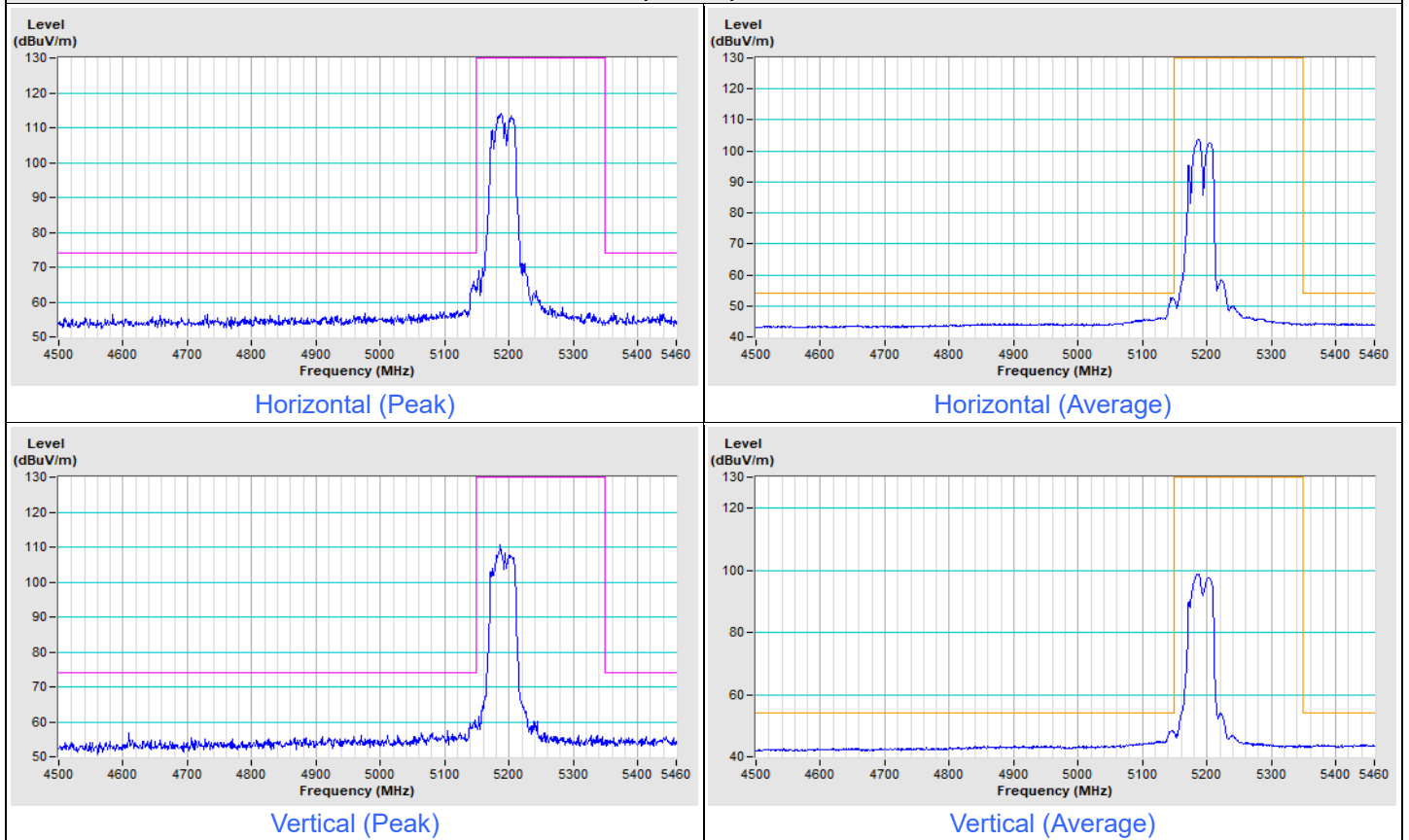


802.11be (EHT20) Channel 165

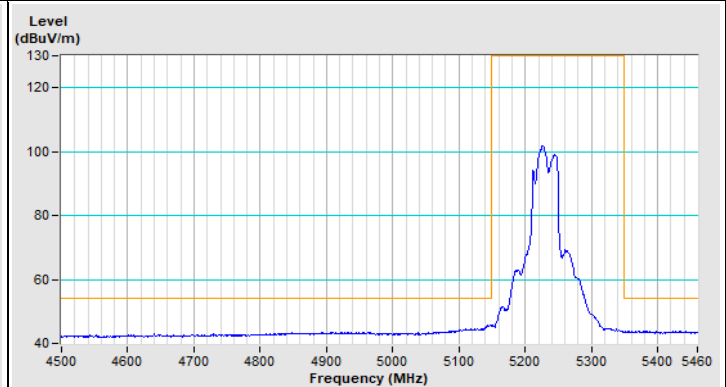
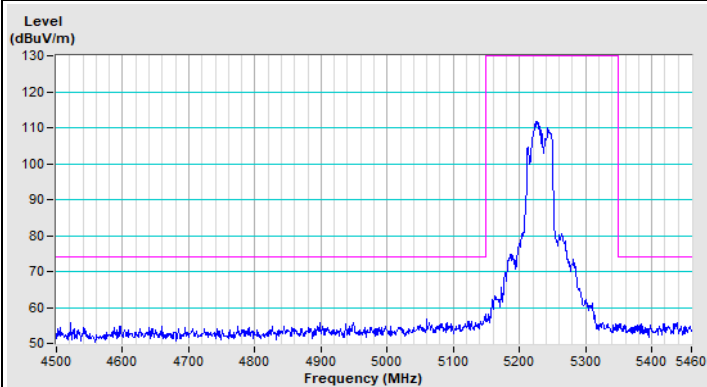
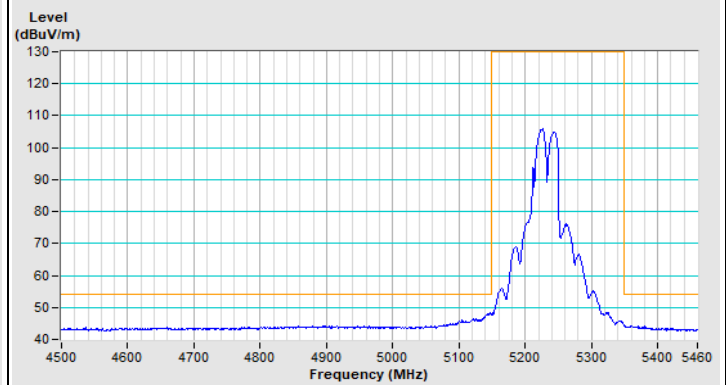
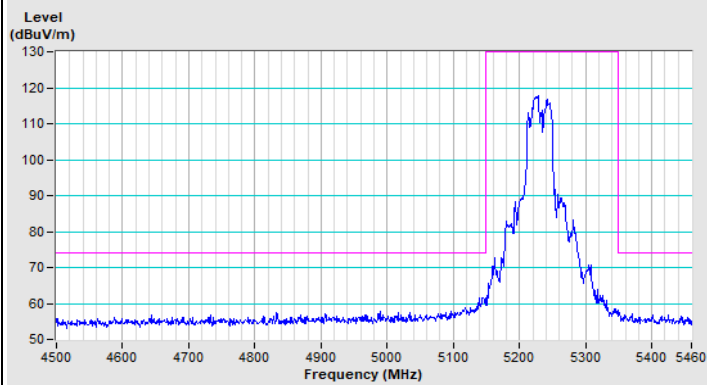


Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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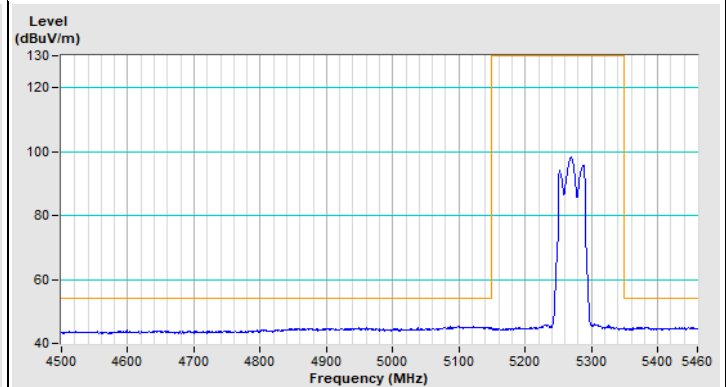
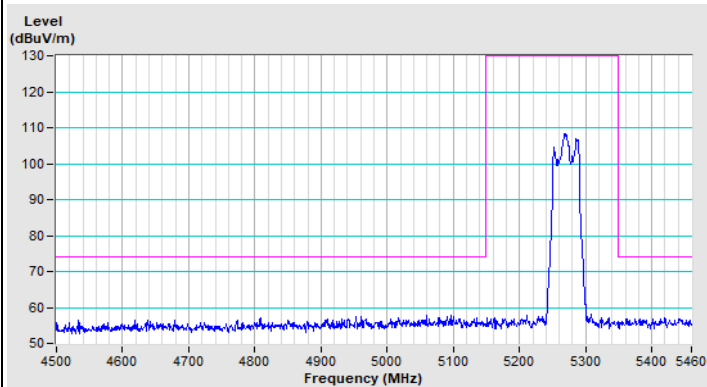
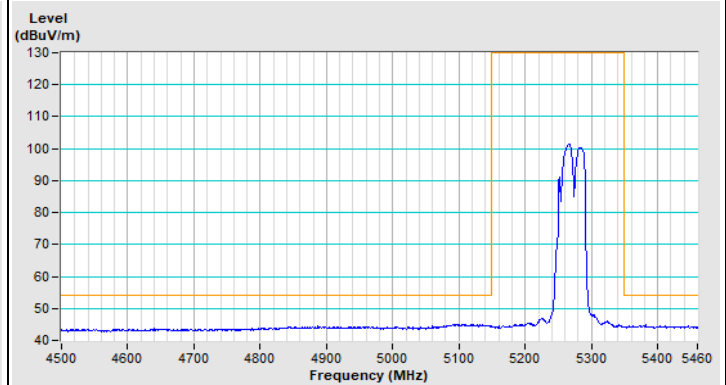
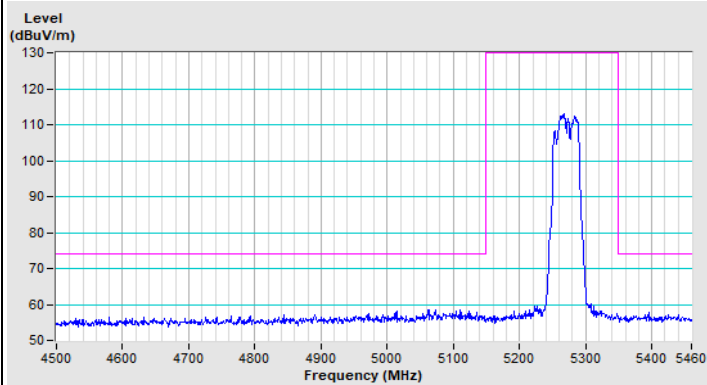
802.11be (EHT40) Channel 38



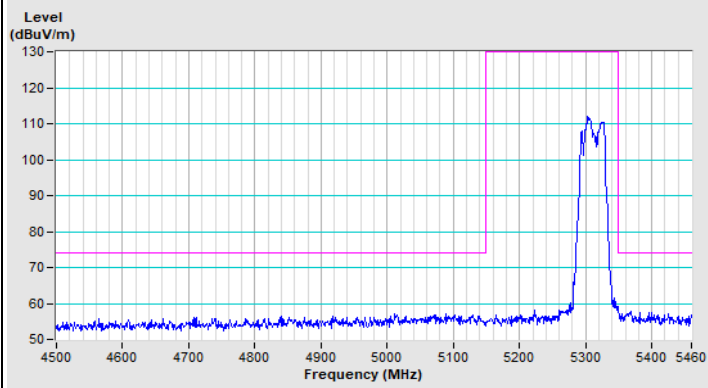
802.11be (EHT40) Channel 46



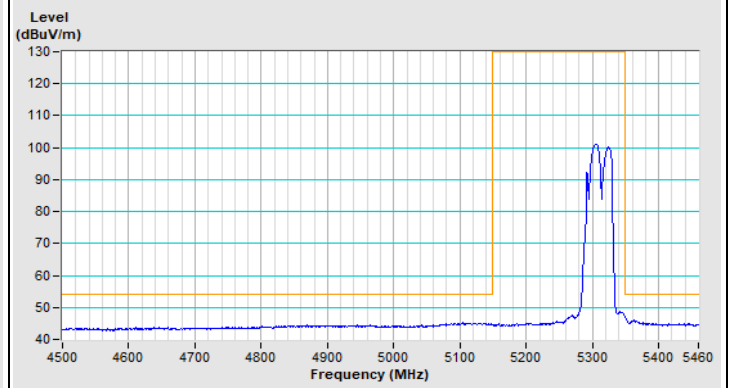
802.11be (EHT40) Channel 54



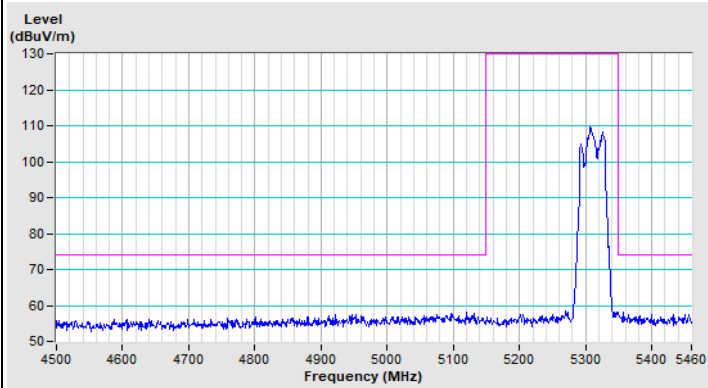
802.11be (EHT40) Channel 62



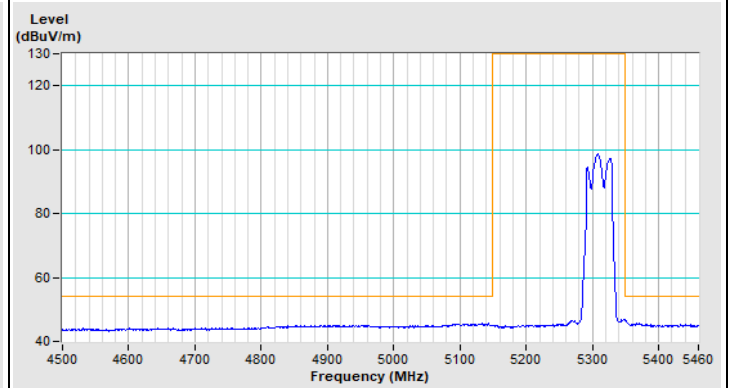
Horizontal (Peak)



Horizontal (Average)



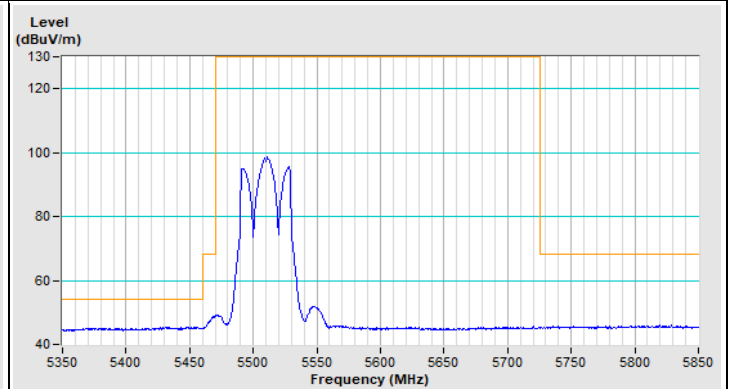
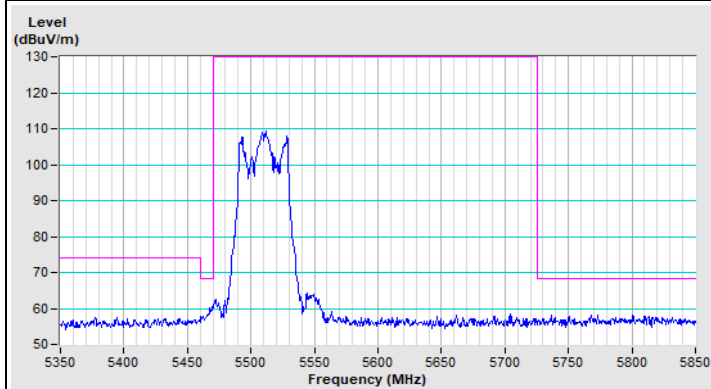
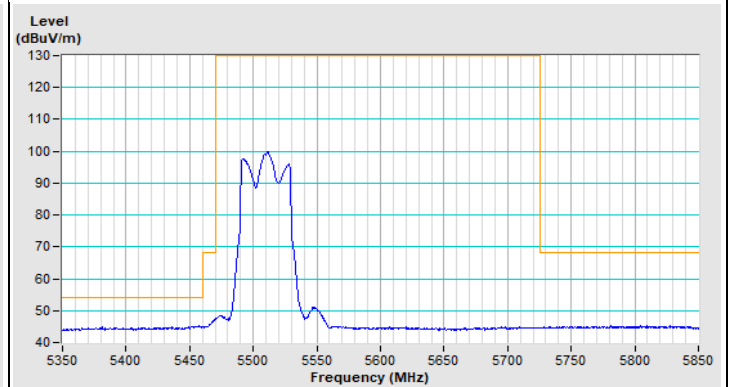
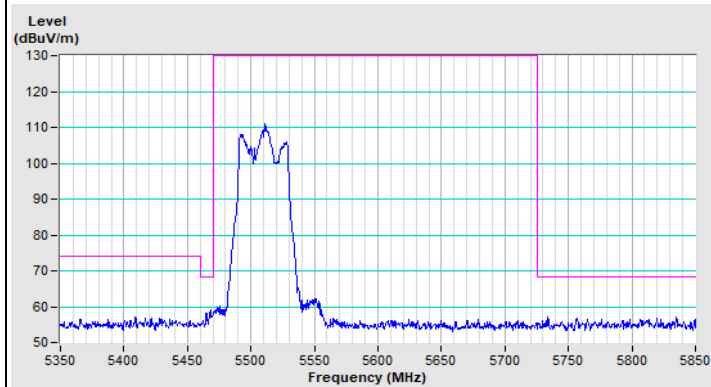
Vertical (Peak)



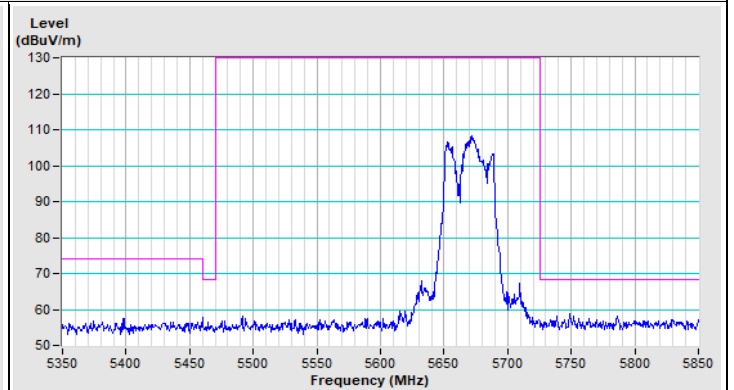
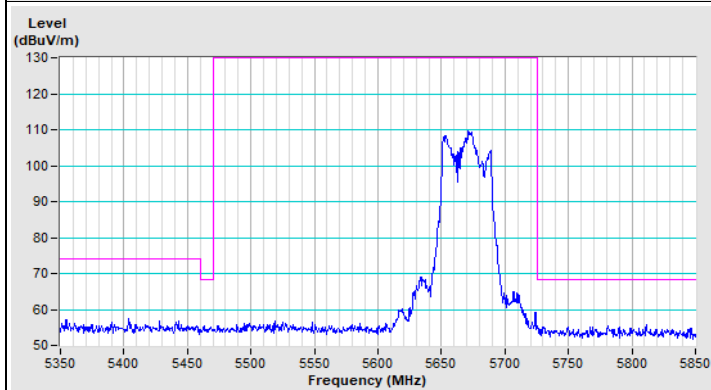
Vertical (Average)

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=10 Hz, DET=Peak
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802.11be (EHT40) Channel 102

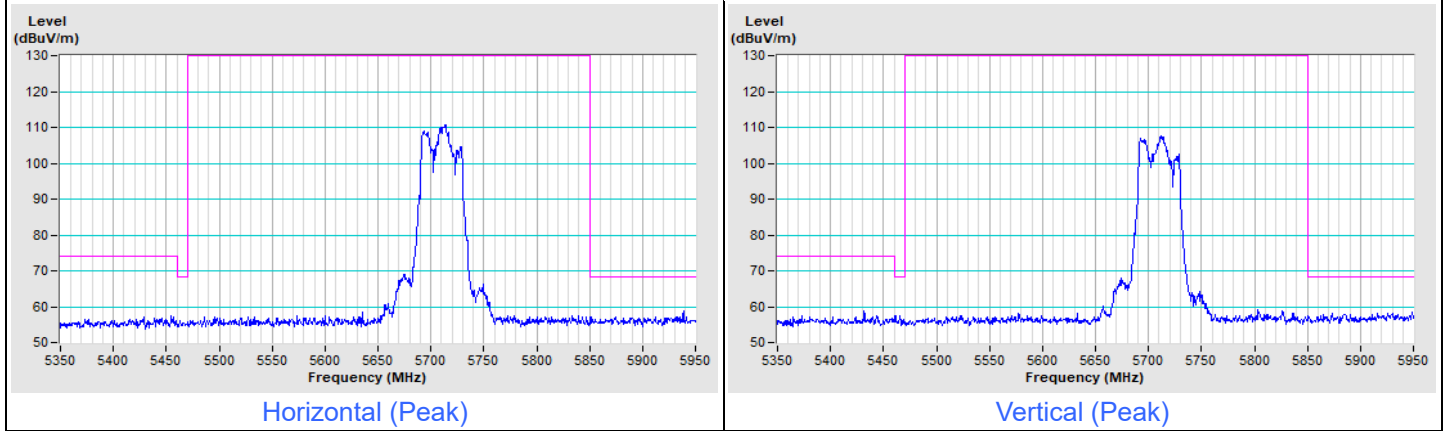


802.11be (EHT40) Channel 134



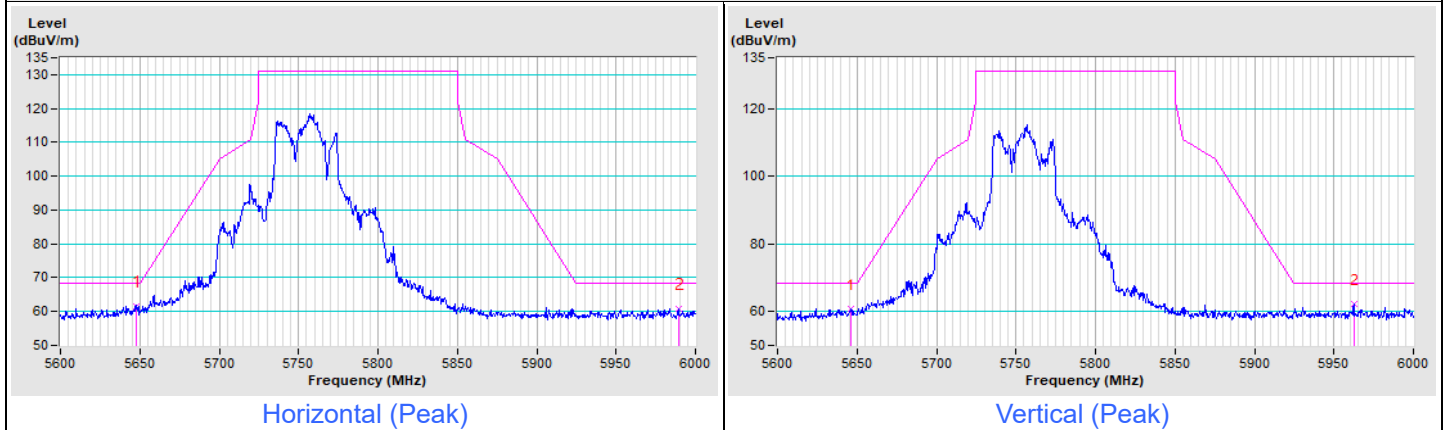
Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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802.11be (EHT40) Channel 142

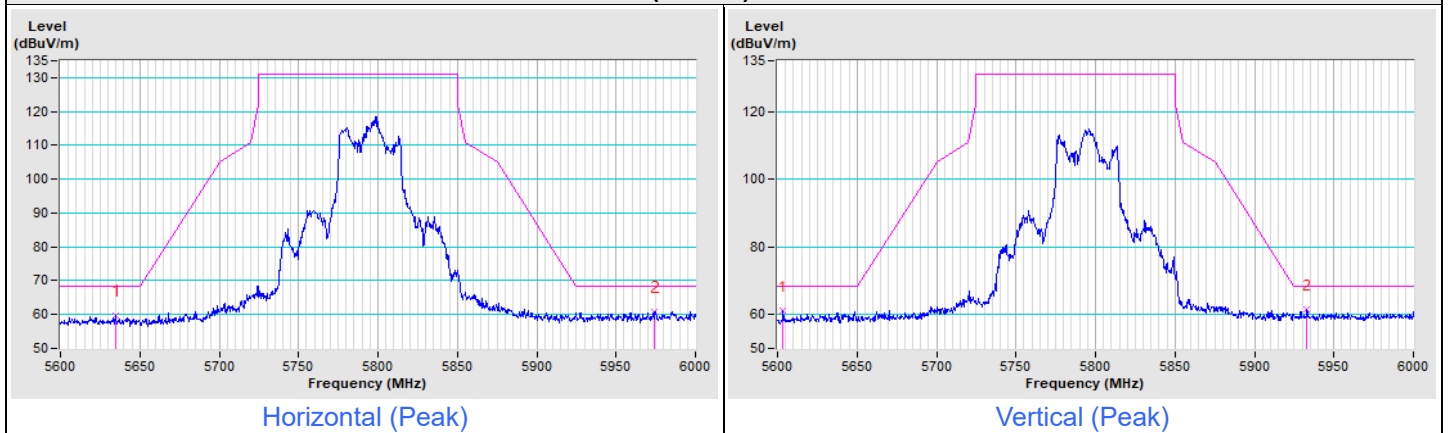


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11be (EHT40) Channel 151

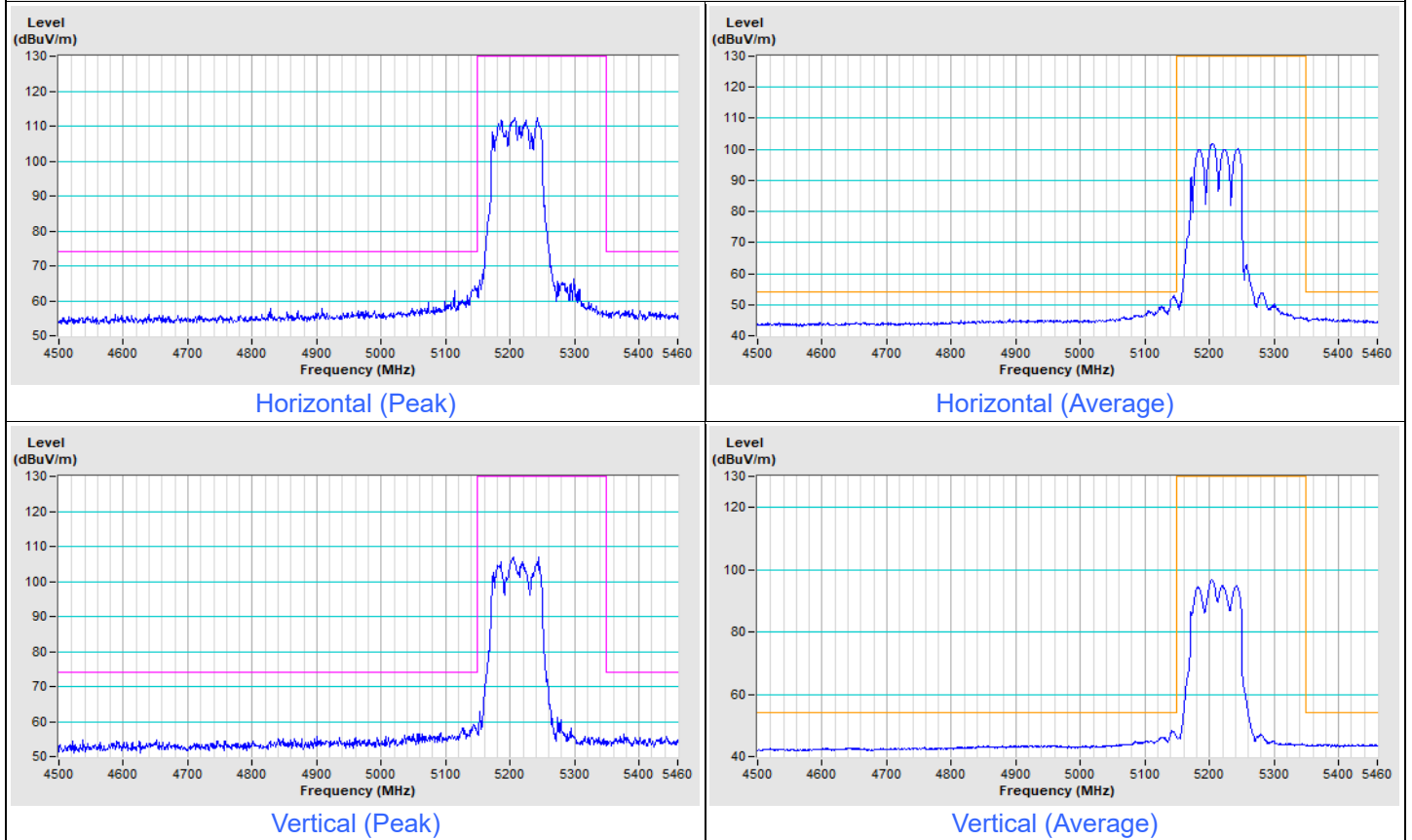


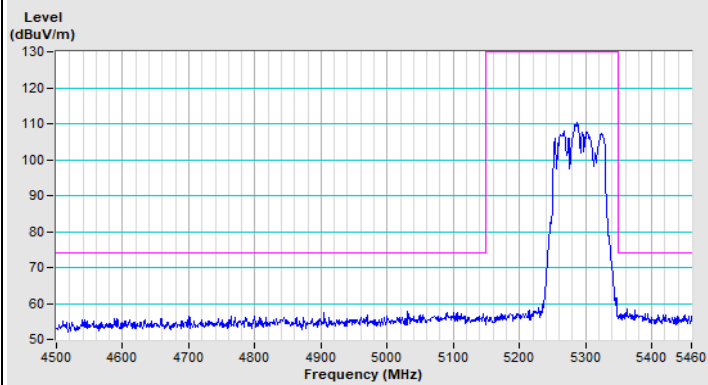
802.11be (EHT40) Channel 159



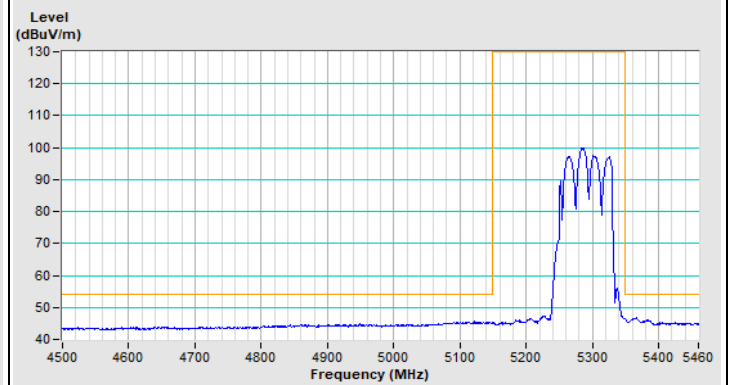
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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802.11be (EHT80) Channel 42

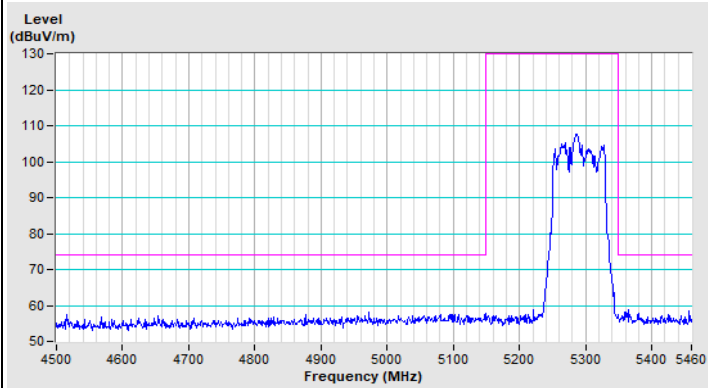


802.11be (EHT80) Channel 58

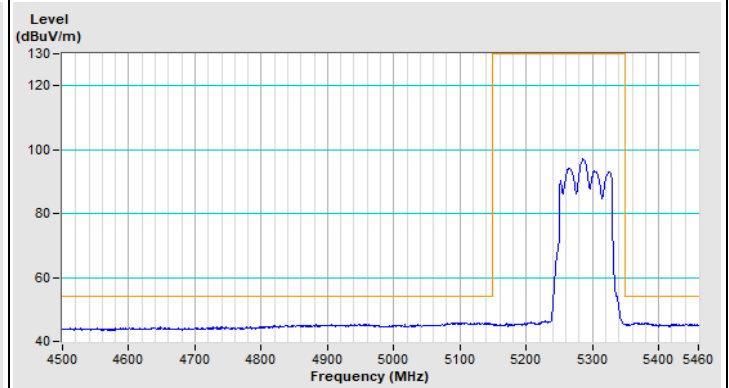
Horizontal (Peak)



Horizontal (Average)



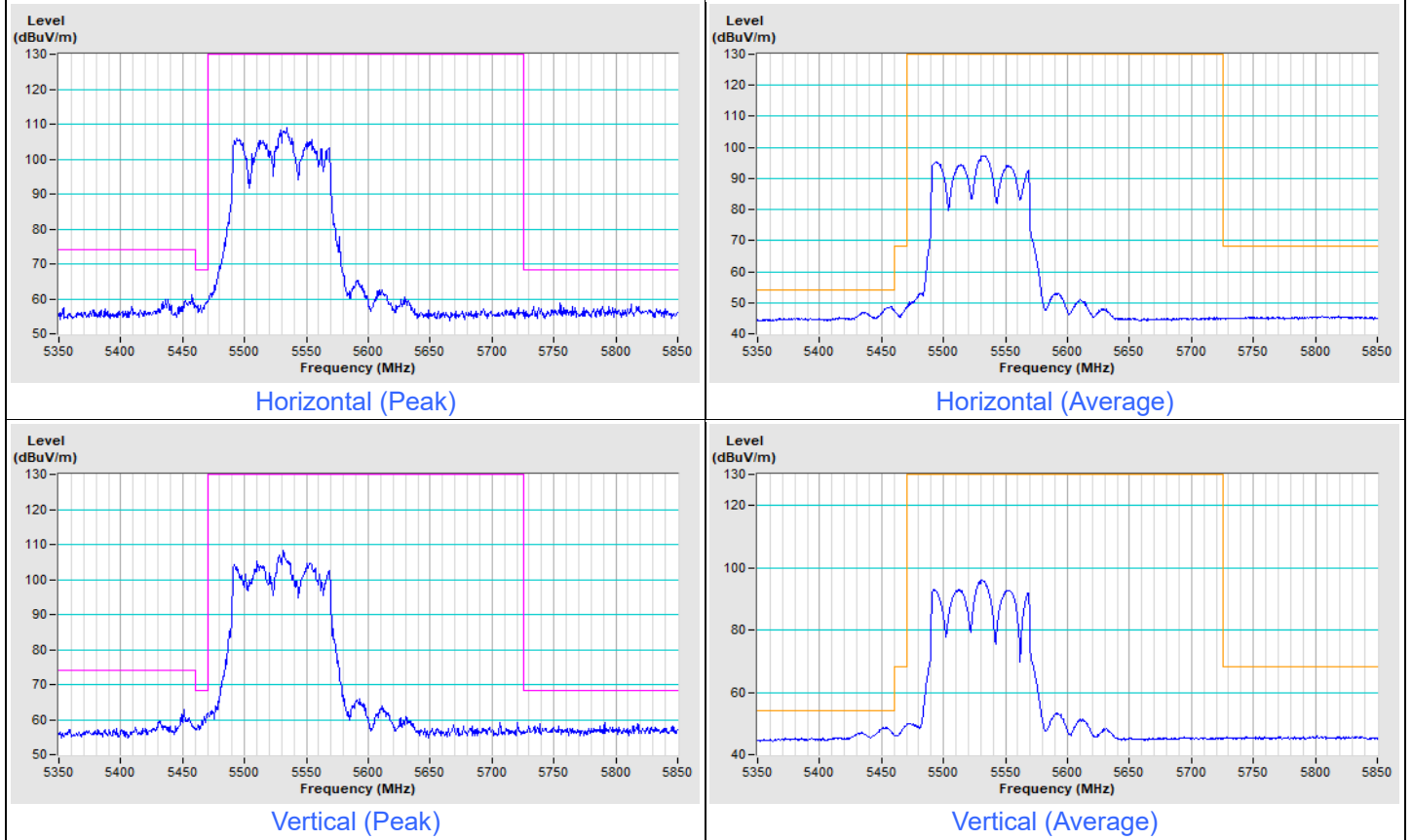
Vertical (Peak)



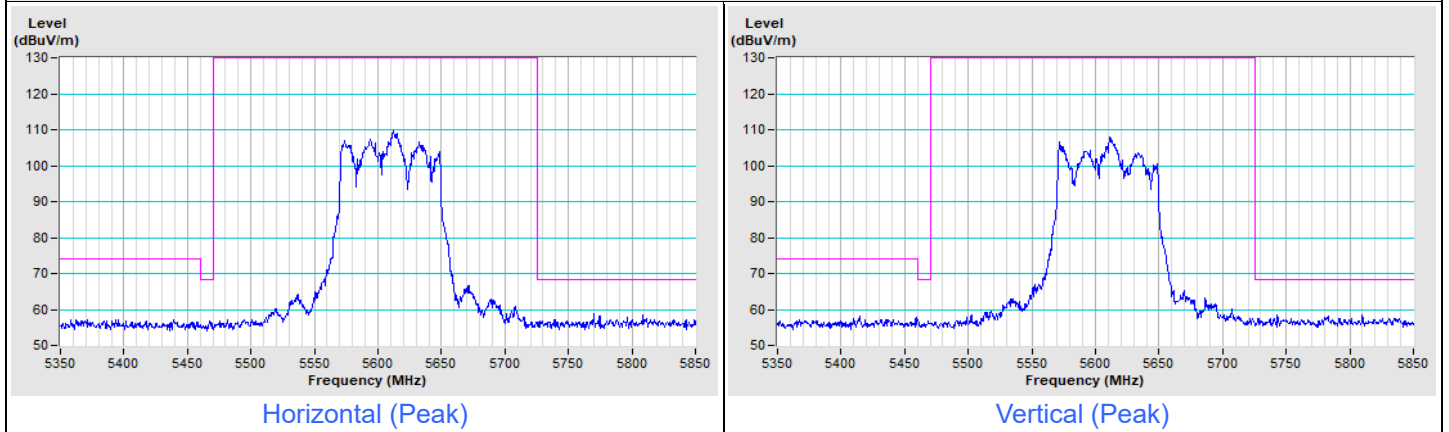
Vertical (Average)

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=10 Hz, DET=Peak
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802.11be (EHT80) Channel 106

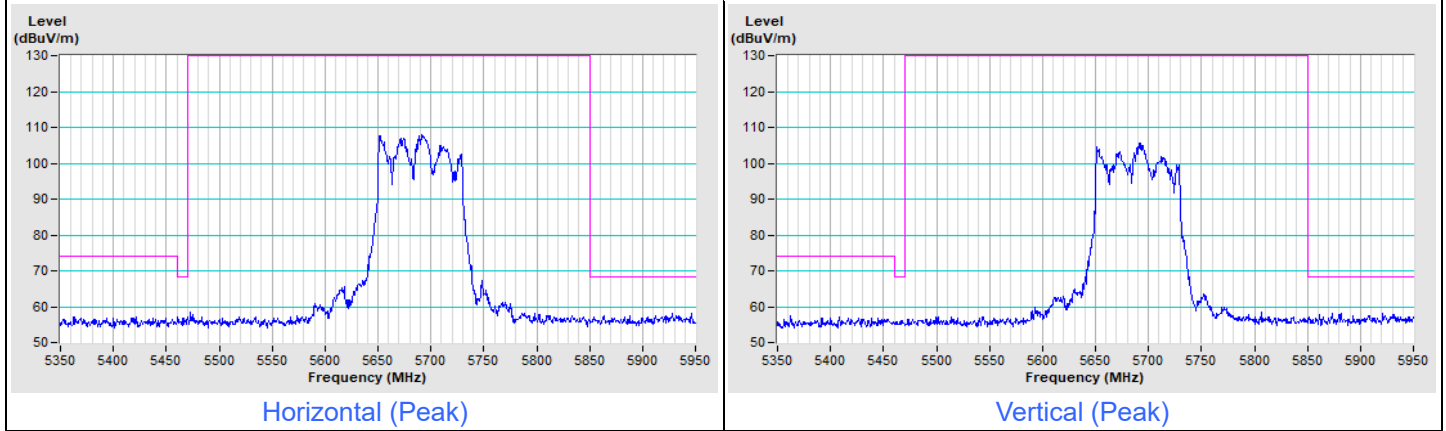


802.11be (EHT80) Channel 122



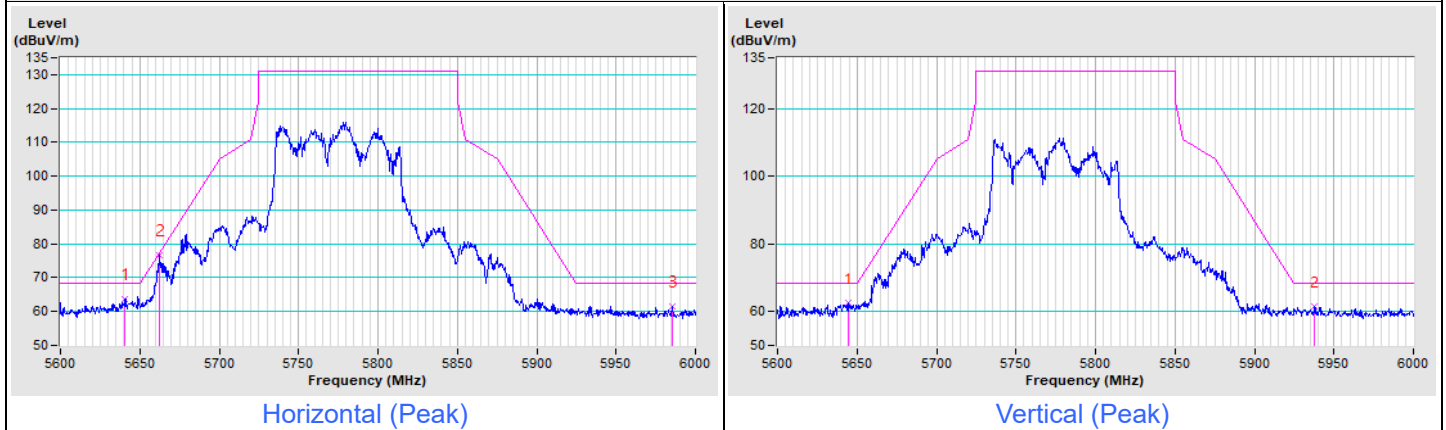
Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11be (EHT80) Channel 138



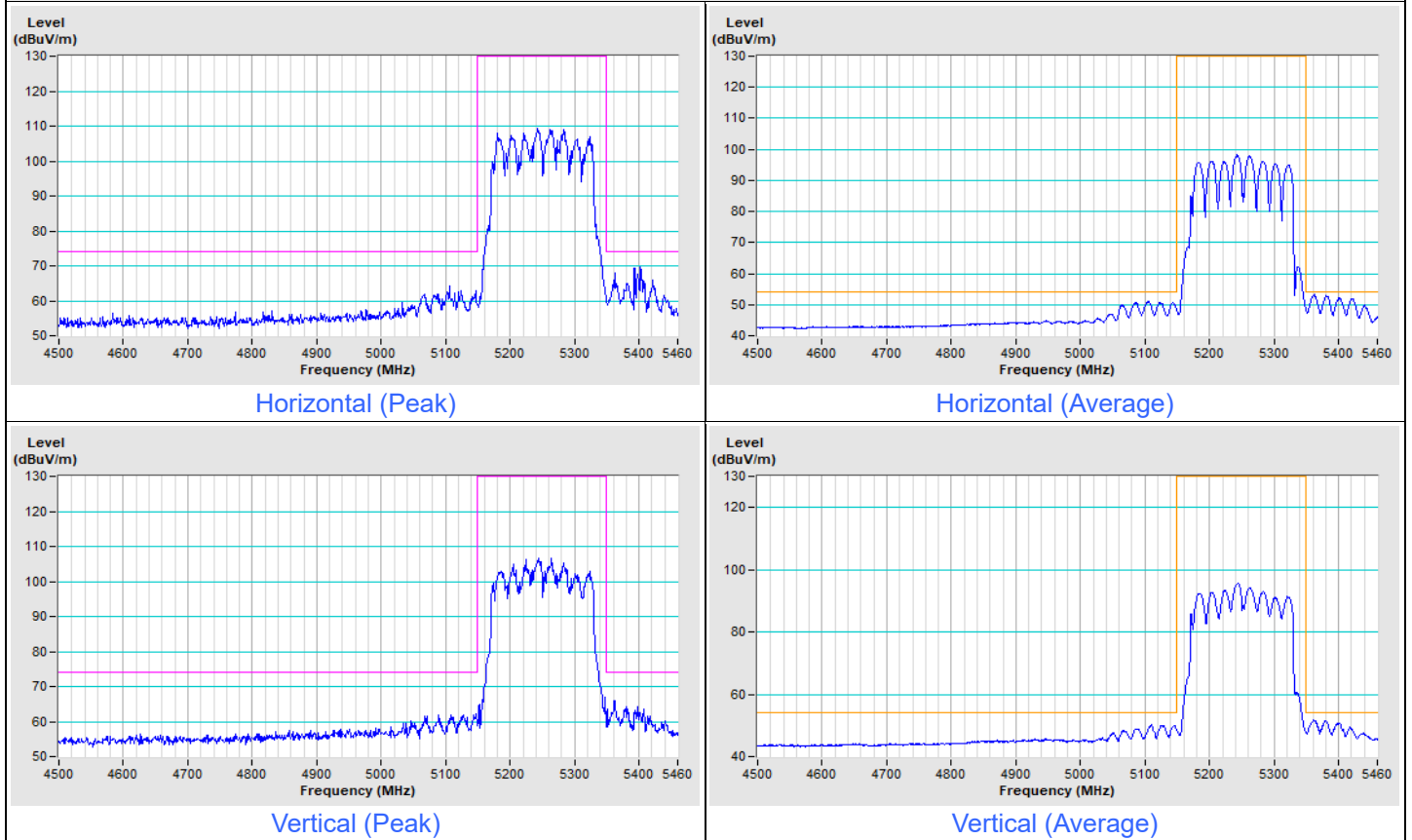
Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11be (EHT80) Channel 155

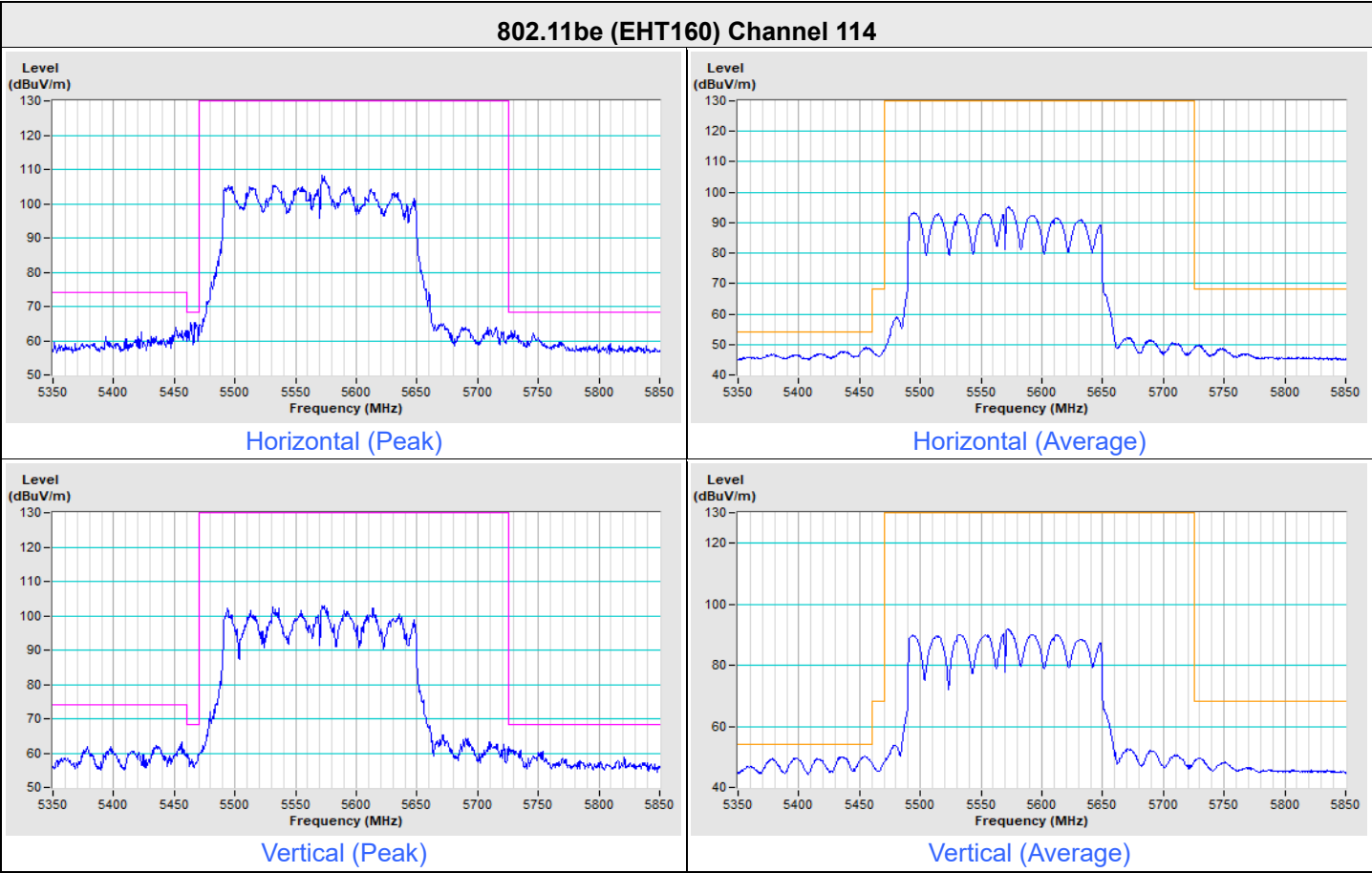


Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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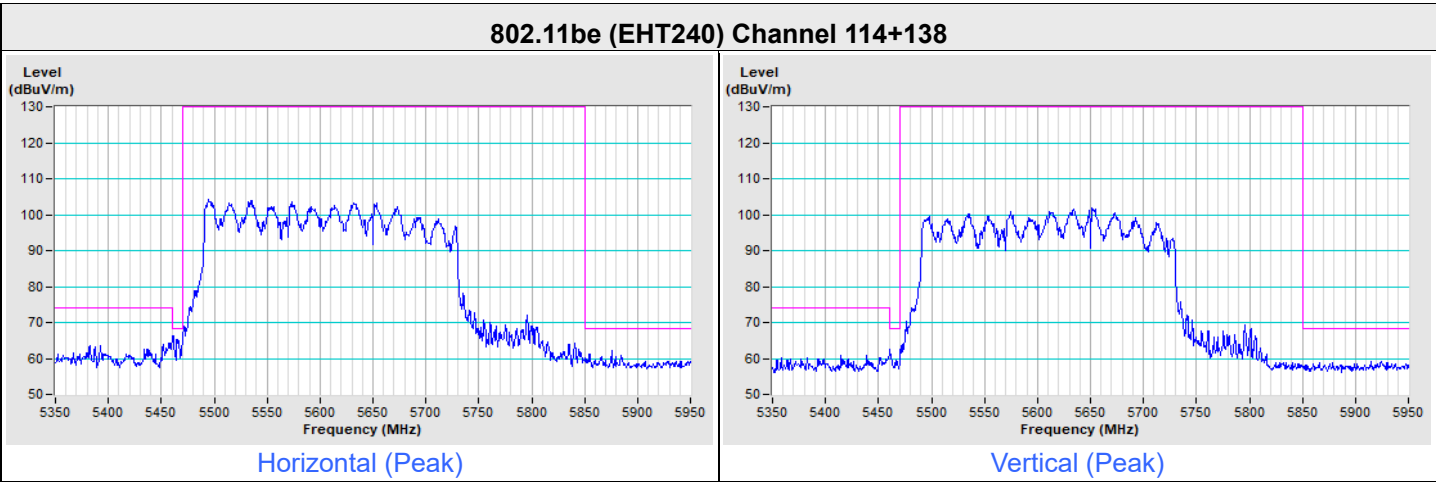
802.11be (EHT160) Channel 50



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=10 Hz, DET=Peak
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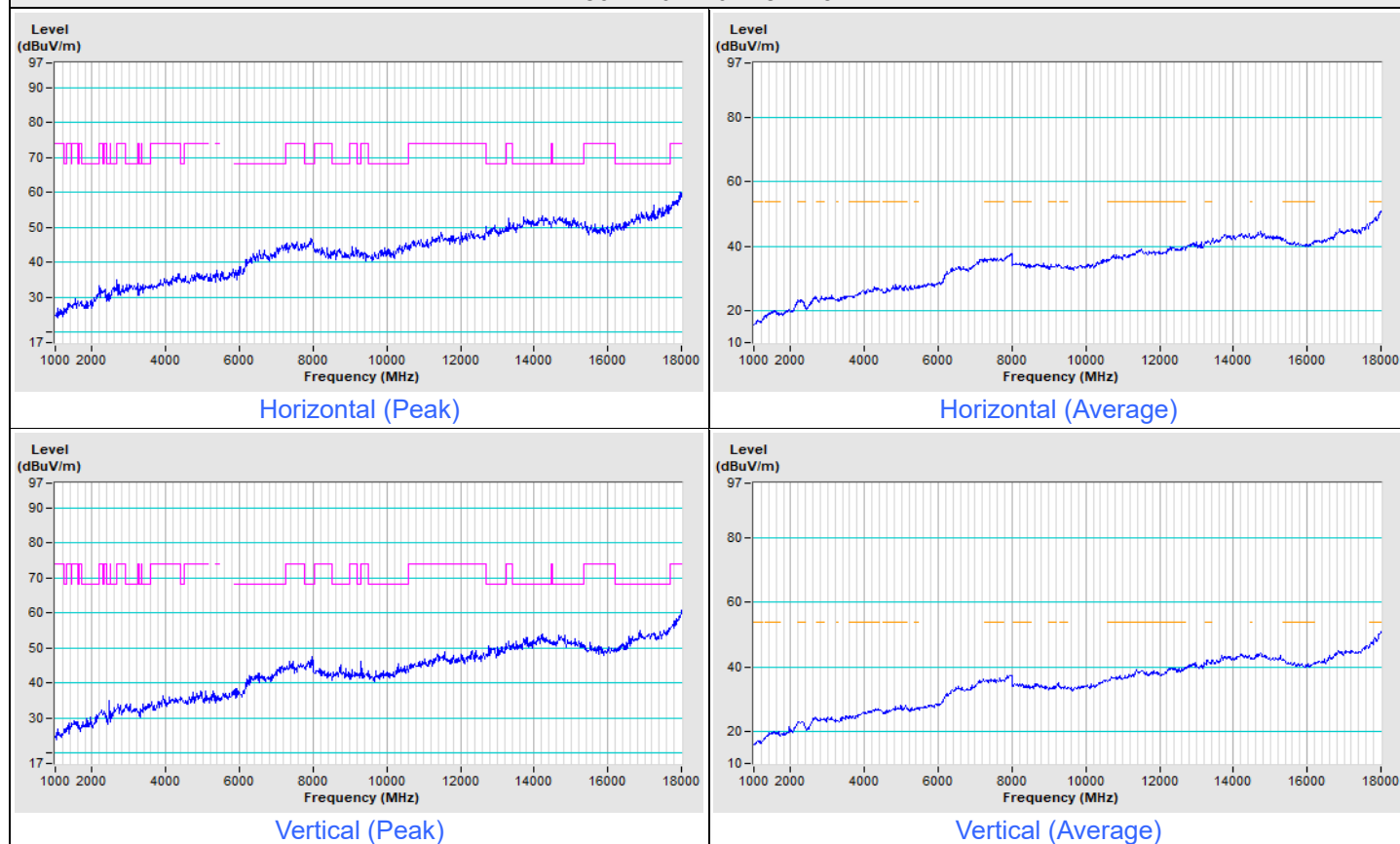
Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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Plot of Other Emission

Frequency Range	1 GHz ~ 18 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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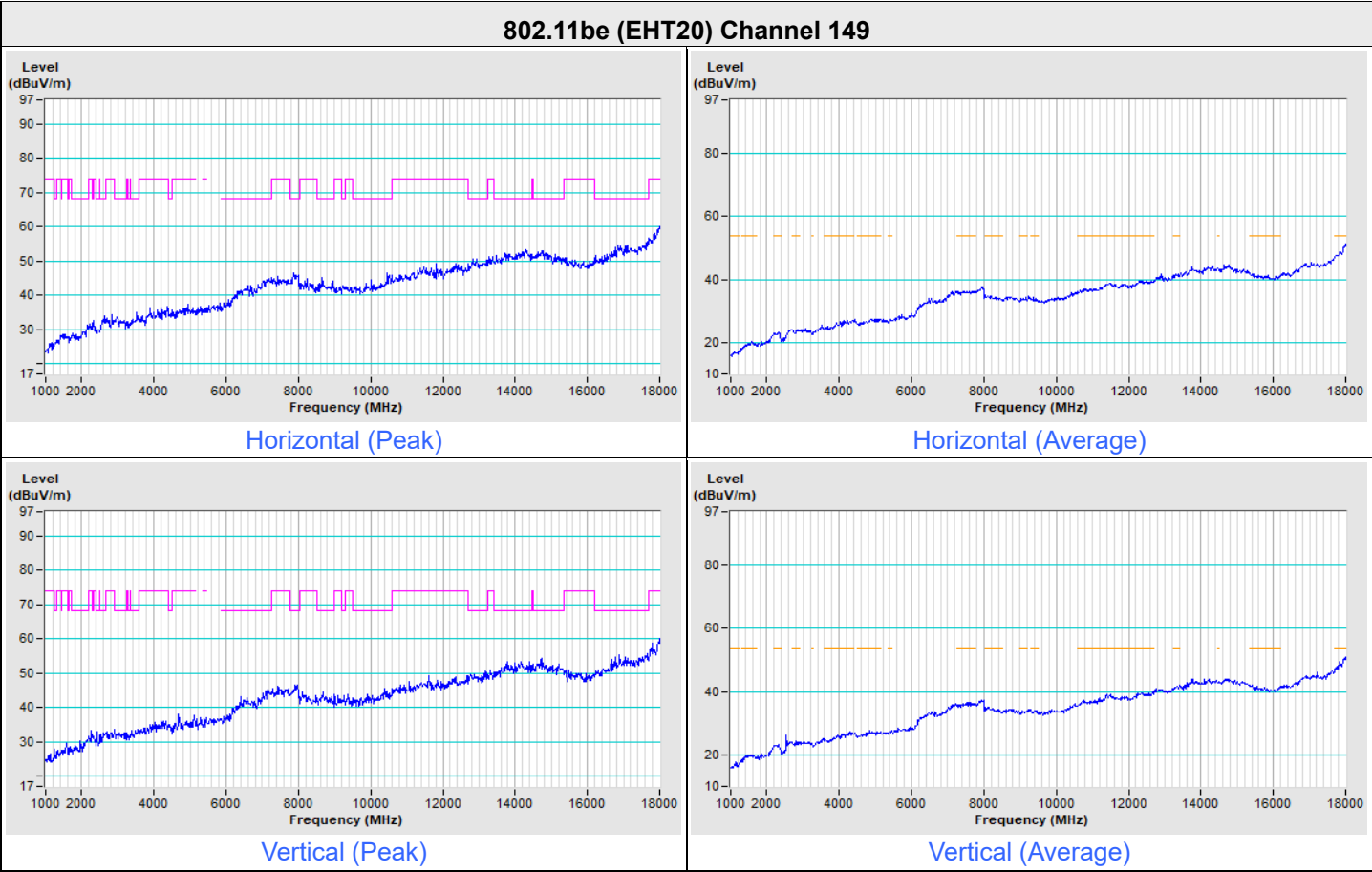
802.11a Channel 149



Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 40 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

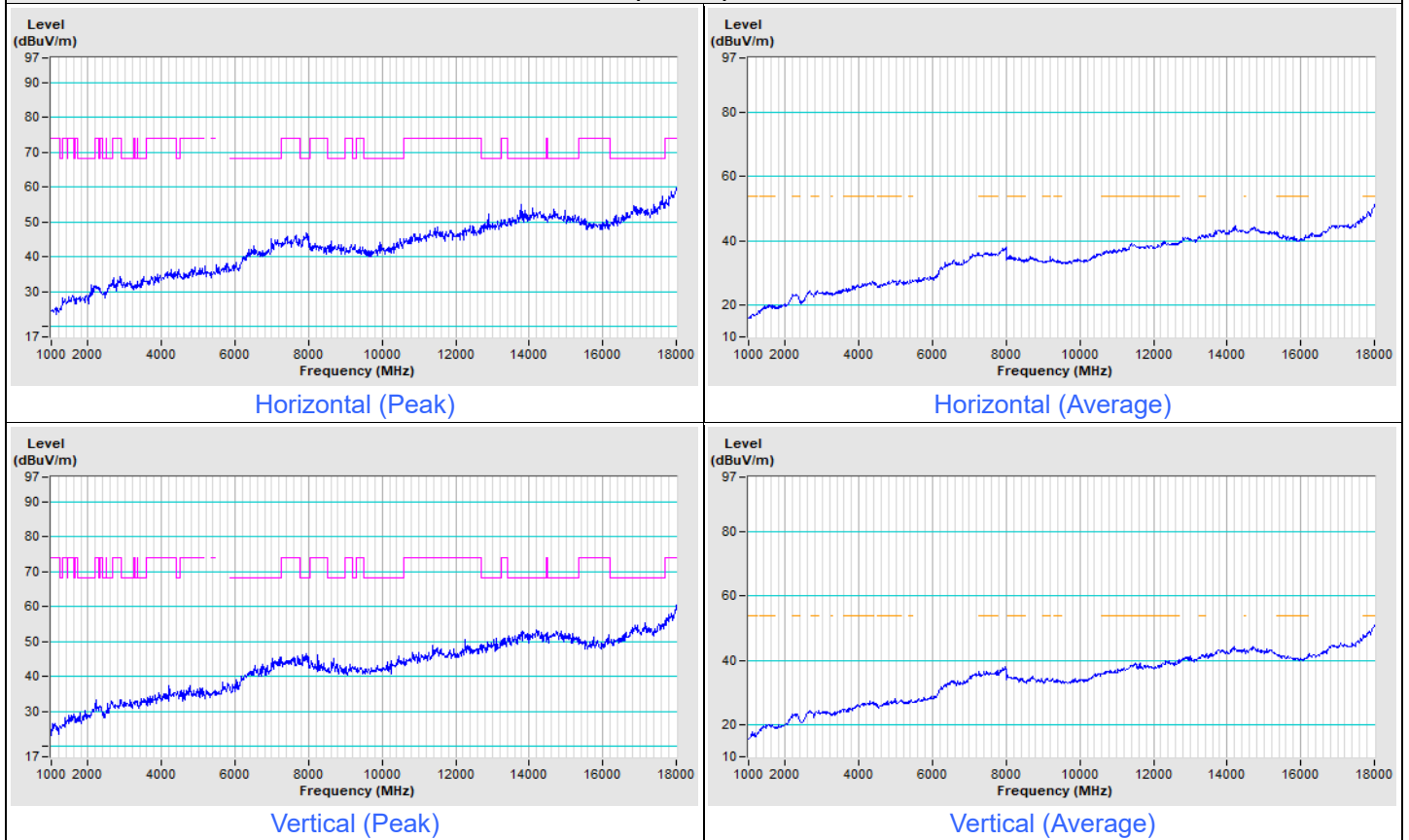
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
-----------------	----------------	-------------------------------	--



- Notes:
1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
 2. The frequency range 18 GHz ~ 40 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

Frequency Range	1 GHz ~ 18 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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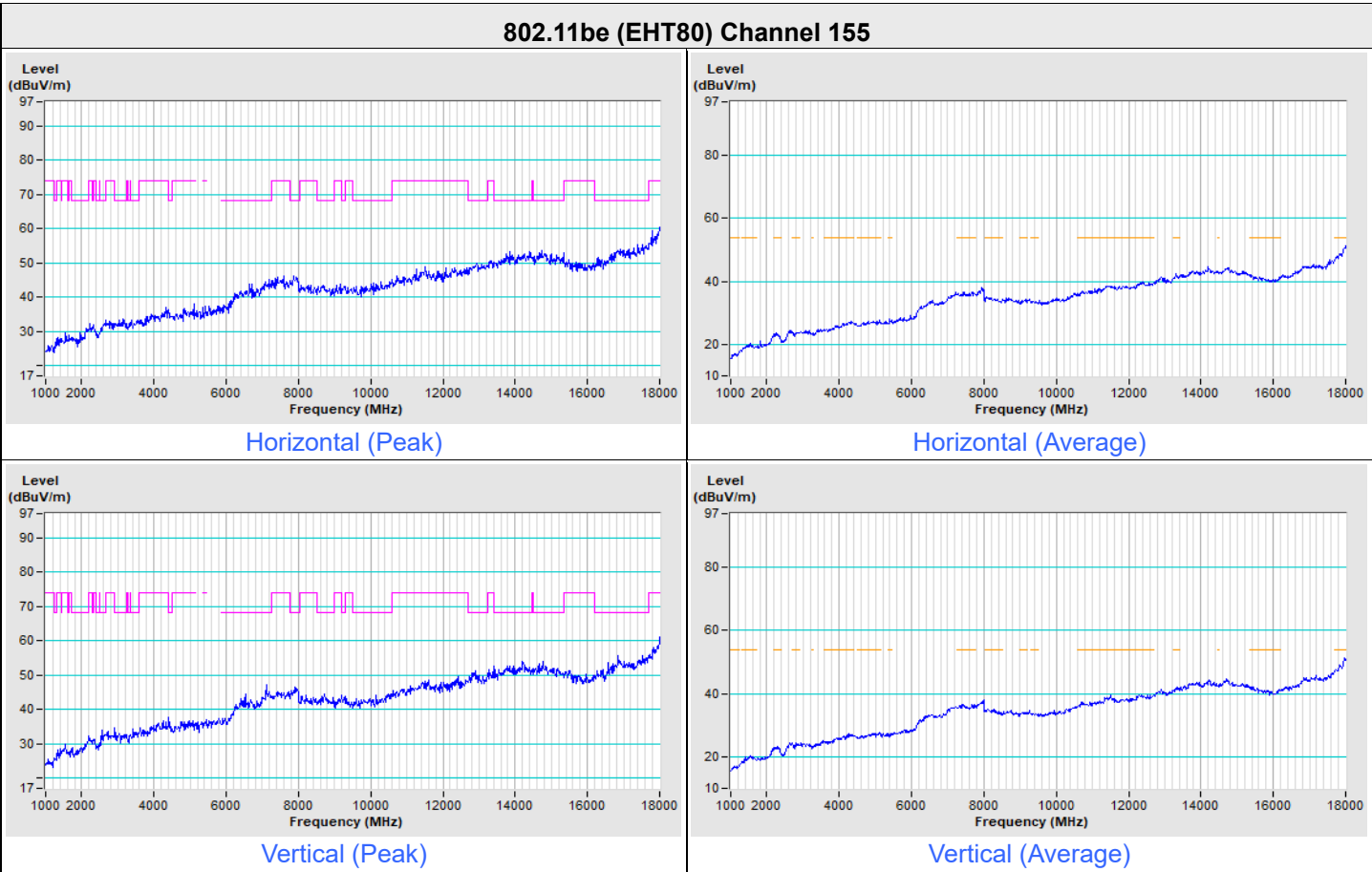
802.11be (EHT40) Channel 151



Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 40 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

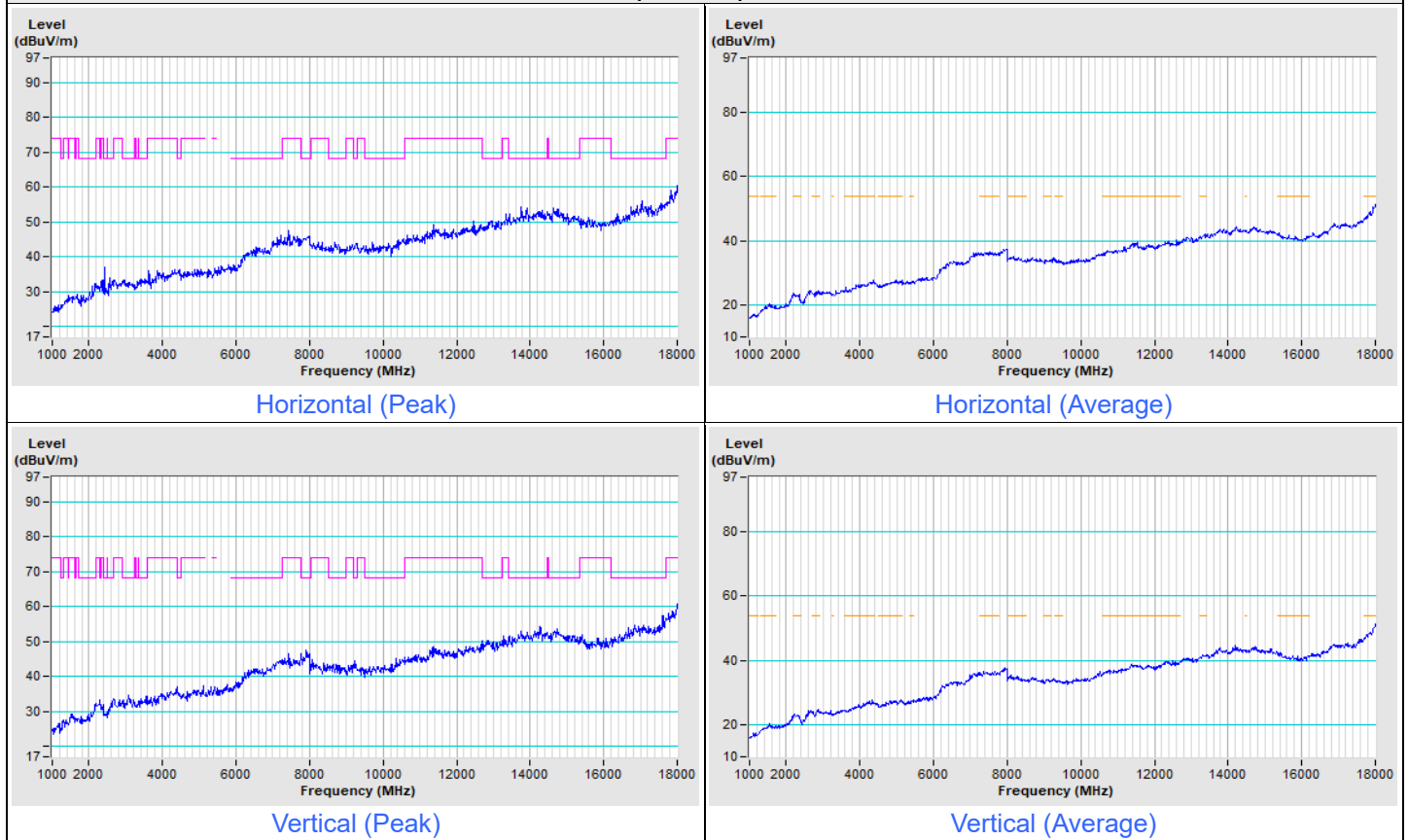
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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- Notes:
1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
 2. The frequency range 18 GHz ~ 40 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

Frequency Range	1 GHz ~ 18 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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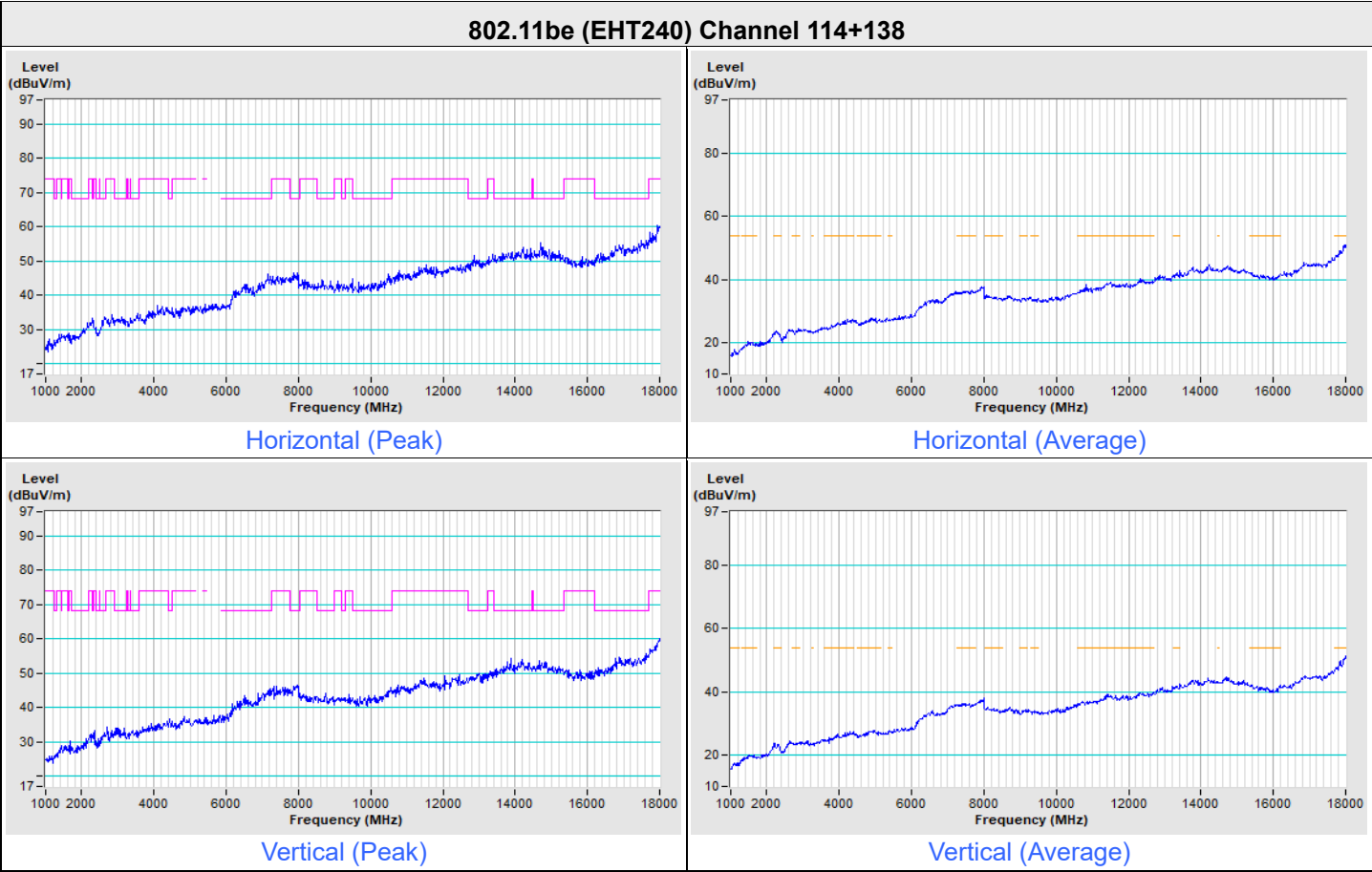
802.11be (EHT160) Channel 50



Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 40 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

Frequency Range	1 GHz ~ 18 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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- Notes:
1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
 2. The frequency range 18 GHz ~ 40 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

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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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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