TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 15, Subpart E (Section 15.407)**
Report No.:	RFBBQZ-WTW-P24020177-1
FCC ID:	PY324100620
Product:	NIGHTHAWK BE12000 WiFi 7 Router
Brand:	NETGEAR
Model No.:	RS500
Received Date:	2024/2/16
Test Date:	2024/5/28 ~ 2024/6/17
Issued Date:	2024/7/9
Applicant and Manufacturer:	NETGEAR, INC.
Address:	350 East Plumeria Drive San Jose CA 95134
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kewi Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	788550 / TW0003

Approved by: Jeremy Lin , **Date:** 2024/7/9

Jeremy Lin / Project Engineer

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Testing Laboratory 2021

Prepared by : Lena Wang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBBQZ-WTW-P24020177-1	Original Release	2024/7/9

1 Certificate

Product:	NIGHTHAWK BE12000 WiFi 7 Router
Brand:	NETGEAR
Test Model:	RS500
Sample Status:	Engineering Sample
Applicant and Manufacturer:	NETGEAR, INC.
Test Date:	2024/5/28 ~ 2024/6/17
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407)
Measurement procedure:	ANSI C63.10-2013 KDB 789033 D02 General UNII Test Procedure New Rules v02r01 KDB 662911 D01 Multiple Transmitter Output v02r01

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

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(2)	26 dB Bandwidth	-	For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6 dB Bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
---	Occupied Bandwidth	-	Reference only.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -17.95 dB at 0.18200 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -3.0 dB at 49.40 MHz
15.407(b) (1/10) 15.407(b) (2/10) 15.407(b) (3/10) 15.407(b) (4(i)/10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.1 dB at 5146.30 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.

Notes:

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

2.1 Measurement Uncertainty

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

Measurement	Specification	Expanded Uncertainty (k=2) (±)
26 dB Bandwidth	-	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
Frequency Stability	-	0.176 ppm
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.90 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	NIGHTHAWK BE12000 WiFi 7 Router
Brand	NETGEAR
Test Model	RS500
Status of EUT	Engineering Sample
Power Supply Rating	12 Vdc from adapter
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax mode 4096QAM for OFDMA in 11be mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	Up to 5764 Mbps
Operating Frequency	5.18 GHz ~ 5.25 GHz 5.26 GHz ~ 5.32 GHz 5.5 GHz ~ 5.72 GHz 5.745 GHz ~ 5.825 GHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40): 12 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80): 6 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160): 2
Output Power	5.18 GHz ~ 5.25 GHz : 856.26 mW (29.33 dBm) 5.26 GHz ~ 5.32 GHz : 211.452 mW (23.25 dBm) 5.5 GHz ~ 5.72 GHz : 214.172 mW (23.31 dBm) 5.745 GHz ~ 5.825 GHz : 859.942 mW (29.34 dBm)
EUT Category	Indoor Access Point

Note:

1. The EUT uses following accessories.

Item	Brand	Model	Part Number	Specification
AC Adapter 1	NETGEAR	ADS-45FIC-12 12042E	332-11664-02	AC Input : 100-240V ~ 50/60Hz 1.5A DC Output : 12.0V 3.5A 42.0W DC Output Cable : 1.8M / 0core Plug : US, EU, AU Manufacturer: VIETNAM HONOR HIGH TECH COMPANY LIMITED
AC Adapter 2	NETGEAR	AD2150M20	332-11500-05	AC Input : 100-240V ~ 50/60 Hz 1.0A DC Output : 12V 3.5A 42.0W DC Output Cable : 1.8M / 0core Plug : US, EU, AU Manufacturer: PI ELECTRONICS (VIETNAM) COMPANY LIMITED
AC Adapter 3	NETGEAR	AD2150F10	332-11494-02	AC Input : 100-120V ~ 50/60Hz 1.0A DC Output : 12V 3.5A DC Output Cable : 1.8M / 0core Plug : US Manufacturer: PI ELECTRONICS (VIETNAM) COMPANY LIMITED
Ethernet Cable	NETGEAR	N/A	-	Signal Line : 1.95M

2. Simultaneously transmission condition.

Condition	Technology		
1	WLAN (2.4GHz)	WLAN (5GHz)	WLAN (6GHz)
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.			

3. The EUT has two DR filters and the characteristics of the DR filter are the same and meet the pin-for-pin compatible. After pre-scanning, the first DR filter is used as the final test.

DR Filter	Description
1st DR Filter	DFJ6610CA30 (SY01166101J91F31C)
2nd DR Filter	DFJ6610DA30 (SY01166101J91H41C)

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

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna Type	Dipole
Connector Type	ipex(MHF)
Antenna Gain	Directional Gain (dBi)
2400~2483.5 MHz	3.71
5150~5250 MHz	6.02
5250~5350 MHz	6.09
5470~5725 MHz	6.16
5725~5850 MHz	6.27

*The detailed antenna information, please refer to the BV CPS Directional Gain Measurement Report no.: RFBBQZ-WTW-P24020177-6.

2. The EUT incorporates a MIMO function:

Modulation Mode	Tx & Rx Configuration	
802.11a	4TX	4RX
802.11n (HT20)	4TX	4RX
802.11n (HT40)	4TX	4RX
802.11ac (VHT20)	4TX	4RX
802.11ac (VHT40)	4TX	4RX
802.11ac (VHT80)	4TX	4RX
802.11ac (VHT160)	4TX	4RX
802.11ax (HE20)	4TX	4RX
802.11ax (HE40)	4TX	4RX
802.11ax (HE80)	4TX	4RX
802.11ax (HE160)	4TX	4RX
802.11be (EHT20)	4TX	4RX
802.11be (EHT40)	4TX	4RX
802.11be (EHT80)	4TX	4RX
802.11be (EHT160)	4TX	4RX

Note:

1. All of modulation mode support beamforming function except 802.11a modulation mode.
2. The EUT support Beamforming and CDD mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.
3. The modulation and bandwidth are similar for 802.11n mode for 20 MHz (40 MHz), 802.11ac mode for 20 MHz (40 MHz, 80 MHz, 160MHz), 802.11ax mode for 20 MHz (40 MHz, 80 MHz, 160MHz), and 802.11be mode for 20 MHz (40 MHz, 80 MHz, 160MHz), therefore the manufacturer will control the power for 802.11n/ac/ax mode is the same as the 802.11be or lower than it and investigated worst case to representative mode in test report.
4. For 802.11ax/be, the EUT not support Partial RU (resource unit) and channel puncturing/bandwidth reduction mechanisms.

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

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. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
Worst Case:	1. AC Adapter 1 and AC Adapter 2 and AC Adapter 3 Worst Condition: AC Adapter 3 2. The EUT is designed to be positioned on the Z-Plane only.

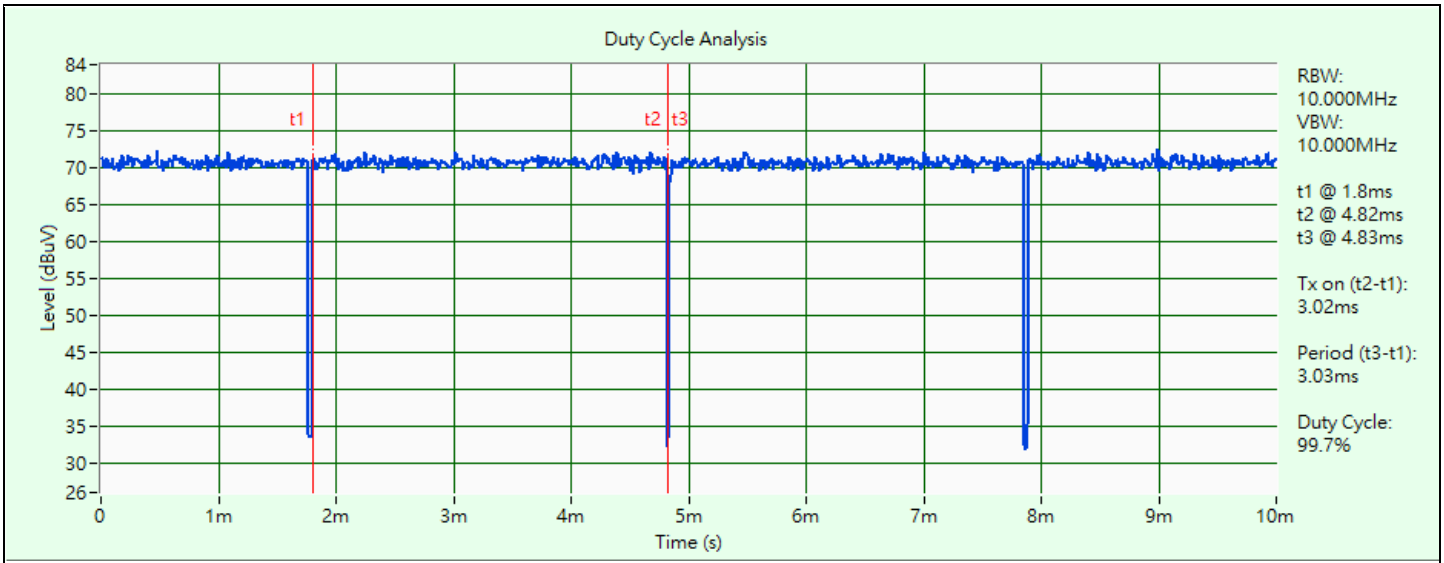
Following channel(s) was (were) selected for the final test as listed below:

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
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
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

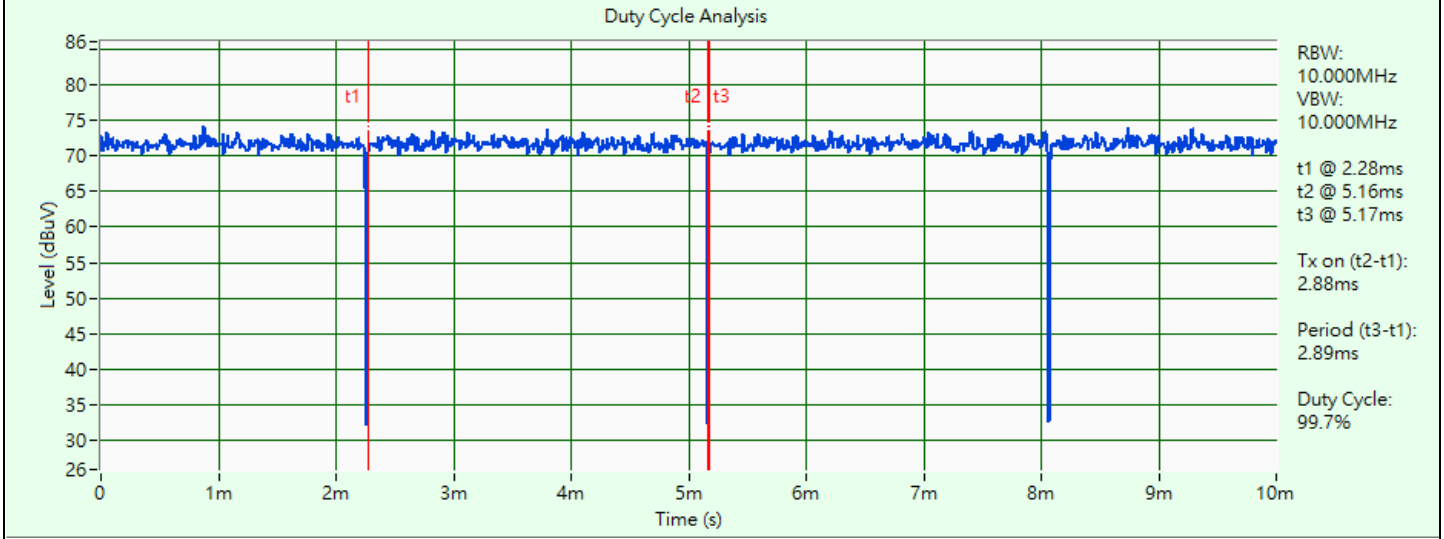
Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
6 dB Bandwidth	802.11a	CDD	144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	CDD	144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)	CDD	142, 151, 159	BPSK	MCS0
	802.11be (EHT80)	CDD	138, 155	BPSK	MCS0
Occupied Bandwidth	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	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
Frequency Stability	802.11a	-	36	un-modulation	-
AC Power Conducted Emissions	802.11be (EHT40)	CDD	151	BPSK	MCS0
Unwanted Emissions below 1 GHz	802.11be (EHT40)	CDD	151	BPSK	MCS0
Unwanted Emissions above 1 GHz	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	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
Note: Partial RU (resource unit), channel puncturing and bandwidth reduction mechanisms are not supported.					

3.5 Duty Cycle of Test Signal

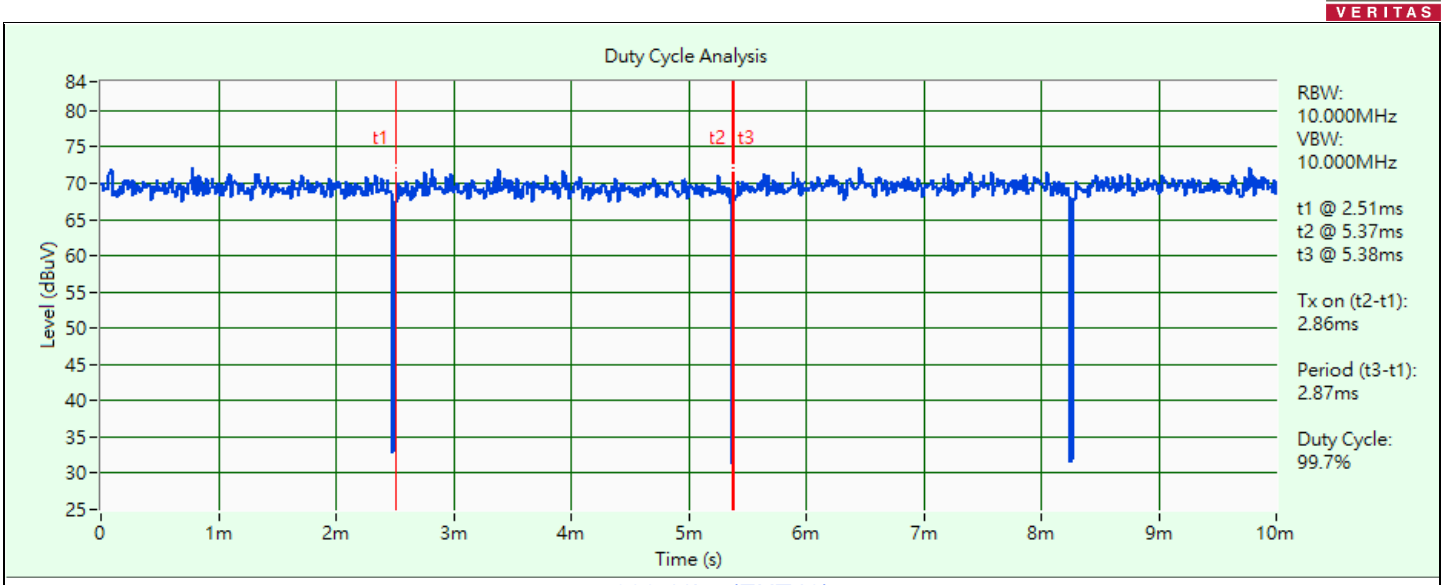
802.11a: Duty cycle = 3.02 ms / 3.03 ms x 100% = 99.7%
802.11be (EHT20): Duty cycle = 2.88 ms / 2.89 ms x 100% = 99.7%
802.11be (EHT40): Duty cycle = 2.86 ms / 2.87 ms x 100% = 99.7%
802.11be (EHT80): Duty cycle = 2.85 ms / 2.87 ms x 100% = 99.3%
802.11be (EHT160): Duty cycle = 2.86 ms / 2.87 ms x 100% = 99.7%



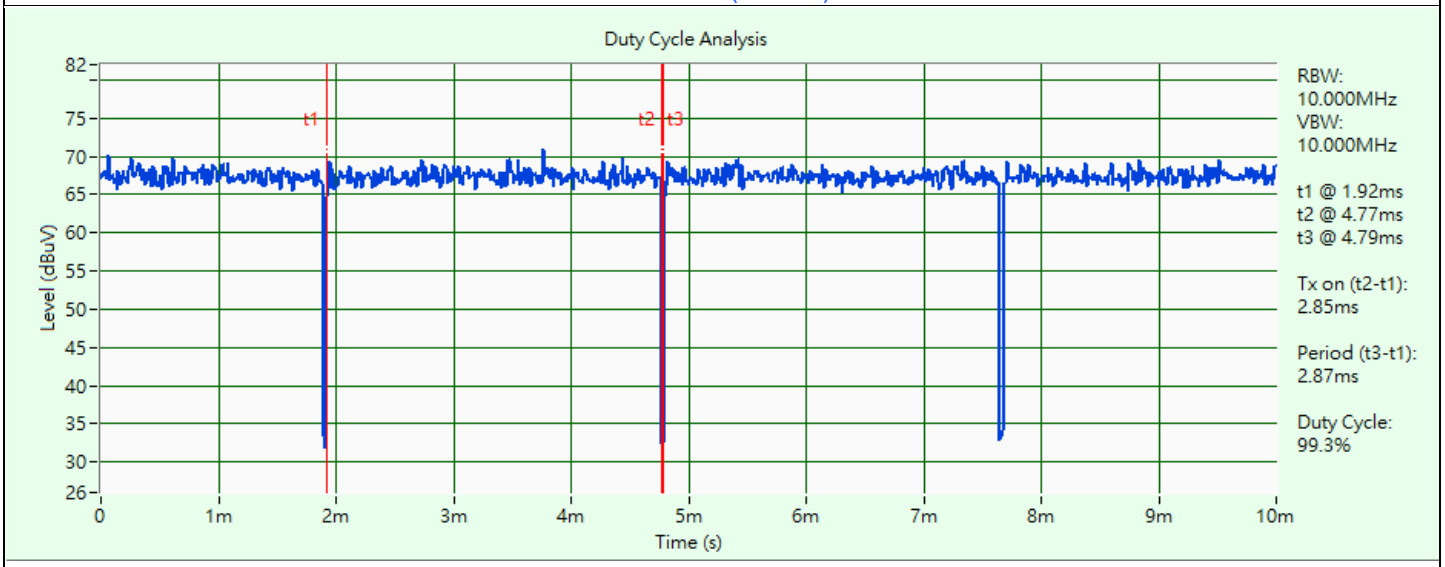
802.11a



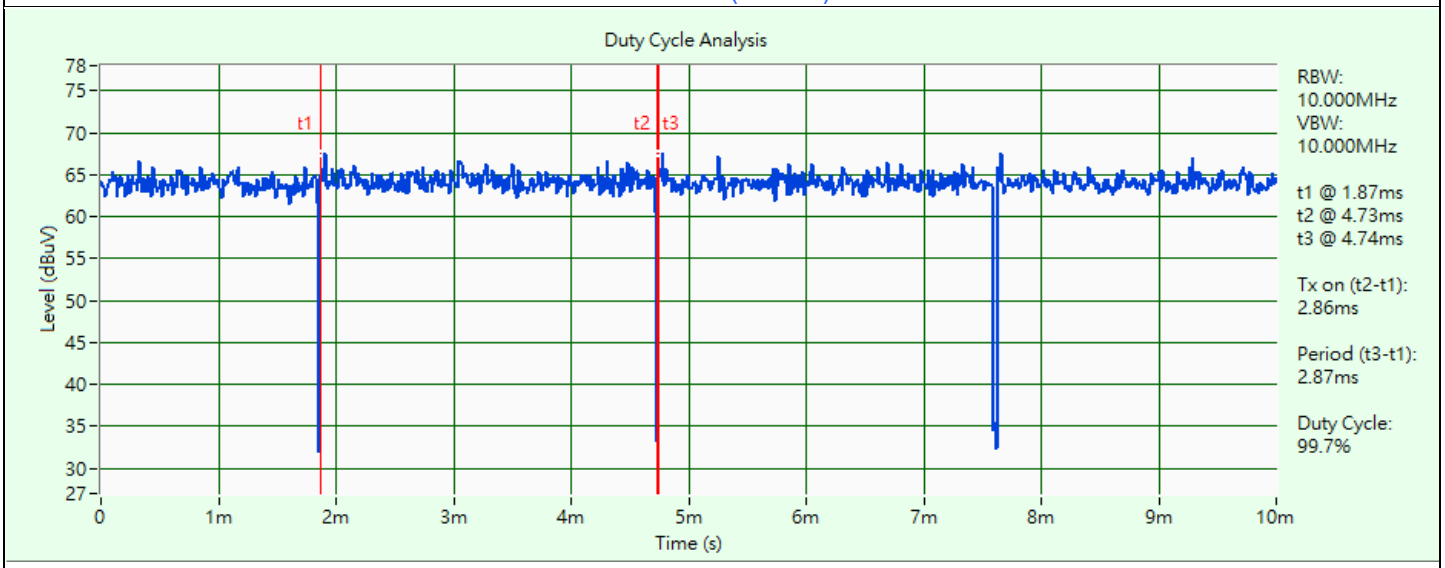
802.11be (EHT20)



802.11be (EHT40)



802.11be (EHT80)

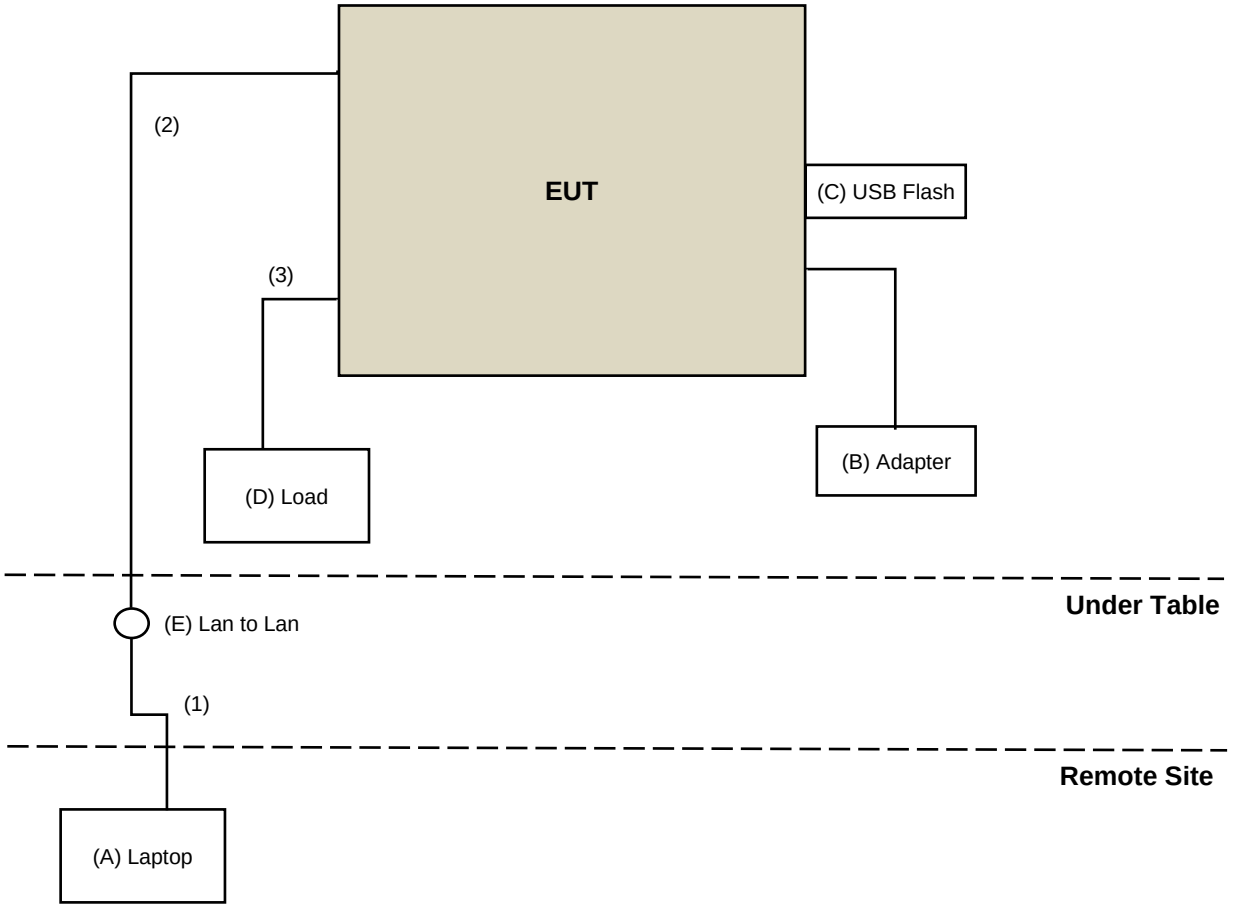


802.11be (EHT160)

3.6 Test Program Used and Operation Descriptions

Controlling software accessMTool_REL_3_2_1_5 has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	DELL	E5430	2RL3YW1	N/A	Provided by Lab
B	Adapter	NETGEAR	AD2150F10	N/A	N/A	Accessory of EUT
C	USB Flash	SanDisk	N/A	N/A	N/A	Provided by Lab
D	Load	N/A	N/A	N/A	N/A	Provided by Lab
E	Lan to Lan	N/A	N/A	N/A	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	RJ-45 Cable	1	10	N	N	Provided by Lab
2	RJ-45 Cable	1	1.95	N	N/A	Accessory of EUT
3	RJ-45 Cable	4	1.5	N	N	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
Signal & Spectrum Analyzer R&S	FSV3044	101105	2024/2/27	2025/2/26
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/6/17

4.2 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Peak Power Analyzer Keysight	8990B	MY51000485	2024/1/21	2025/1/20
Signal & Spectrum Analyzer R&S	FSV3044	101105	2024/2/27	2025/2/26
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Wideband Power Sensor Keysight	N1923A	MY58020002	2024/1/18	2025/1/17
		MY58140009	2024/1/18	2025/1/17

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/6/17

4.3 Power Spectral Density

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

4.4 6 dB Bandwidth

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

4.5 Occupied Bandwidth

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

4.6 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
AC Power Supply JIN YIH Technology	6905S	1720444	N/A	N/A
Digital Multimeter Fluke	87III	70360742	2023/7/6	2024/7/5
Signal & Spectrum Analyzer R&S	FSV3044	101105	2024/2/27	2025/2/26
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Terchy	HRM-120RF	931022	2023/12/19	2024/12/18

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/6/17

4.7 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance HUBER+SUHNER	E1-011315	13	2023/11/22	2024/11/21
50 ohm terminal resistance	E1-011279	04	2023/11/22	2024/11/21
	E1-011280	05	2023/11/22	2024/11/21
DC-LISN Schwarzbeck	NNBM 8126G	8126G-069	2023/11/7	2024/11/6
EMI Test Receiver R&S	ESCI	100613	2023/12/4	2024/12/3
Fixed Attenuator Mini-Circuits	HAT-10+	PAD-COND1-01	2024/1/6	2025/1/5
LISN R&S	ENV216	101826	2024/3/25	2025/3/24
	ESH3-Z5	100311	2023/9/6	2024/9/5
RF Coaxial Cable Woken	5D-FB	Cable-cond1-01	2024/1/6	2025/1/5
Software BVADT	BVADT_Cond_ V7.4.1.0	N/A	N/A	N/A
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2023/8/31	2024/8/30

Notes:

1. The test was performed in HY - Conduction 1.
2. Tested Date: 2024/6/5

4.8 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	2023/10/13	2024/10/12
EMI Test Receiver R&S	ESR3	102782	2023/12/7	2024/12/6
Loop Antenna Electro-Metrics	EM-6879	269	2023/9/23	2024/9/22
Loop Antenna TESEQ	HLA 6121	45745	2023/8/8	2024/8/7
Preamplifier Agilent	8447D	2944A10631	2024/5/1	2025/4/30
Preamplifier EMCI	EMC001340	980201	2023/9/27	2024/9/26
RF Coaxial Cable Woken	8D-FB	Cable-CH4-01	2023/7/8	2024/7/7
Signal & Spectrum Analyzer R&S	FSW43	101582	2024/4/12	2025/4/11
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.
2. Tested Date: 2024/6/6

4.9 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	2023/12/7	2024/12/6
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-408	2023/11/12	2024/11/11
	BBHA 9170	9170-480	2023/11/12	2024/11/11
		BBHA9170241	2023/10/16	2024/10/15
		BBHA9170243	2023/11/12	2024/11/11
Preamplifier EMCI	EMC 184045	980116	2023/9/27	2024/9/26
Preamplifier Keysight	83017A	MY53270295	2024/5/1	2025/4/30
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2023/7/8	2024/7/7
	EMC102-KM-KM-3000	150929	2023/7/8	2024/7/7
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH4-03(250724)	2024/5/1	2025/4/30
	Sucoflex 104	MY 13380+295012/04	2024/5/1	2025/4/30
Signal & Spectrum Analyzer R&S	FSW43	101582	2024/4/12	2025/4/11
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.
2. Tested Date: 2024/5/28 ~ 2024/5/30

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 ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
	Fixed point-to-point Access Point	1 Watt (30 dBm)
	Indoor Access Point	1 Watt (30 dBm)
	Mobile and Portable client device	250mW (24 dBm)

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

*B is the 26 dB emission bandwidth in megahertz

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

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

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

5.3 Power Spectral Density

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

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

5.4 6 dB Bandwidth

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

5.5 Occupied Bandwidth

The results are for reference only.

5.6 Frequency Stability

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

5.7 AC Power Conducted Emissions

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

Notes:

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

5.8 Unwanted Emissions below 1 GHz

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

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

Notes:

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

5.9 Unwanted Emissions above 1 GHz

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

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

Notes:

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

Limits of unwanted emission out of the restricted bands

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

For transmitters operating in the 5.15-5.25 GHz band:

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

For transmitters operating in the 5.25-5.35 GHz band:

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

For transmitters operating in the 5.47-5.725 GHz band:

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

For transmitters operating in the 5.725-5.850 GHz band:

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

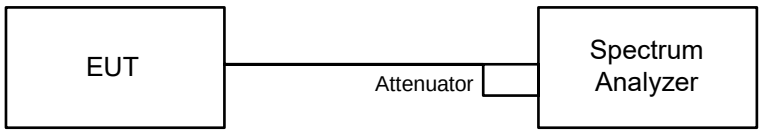
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 26 dB Bandwidth

6.1.1 Test Setup



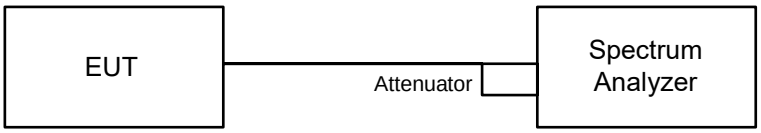
6.1.2 Test Procedure

a. Set RBW = approximately 1% 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 analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

6.2 RF Output Power

6.2.1 Test Setup

For channel straddling:



6.2.2 Test Procedure

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

For channel straddling:

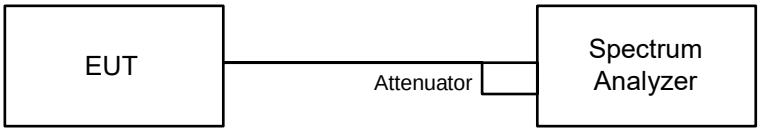
Method SA-1

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

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

6.3 Power Spectral Density

6.3.1 Test Setup



6.3.2 Test Procedure

For specified measurement bandwidth 1 MHz:
Method SA-1

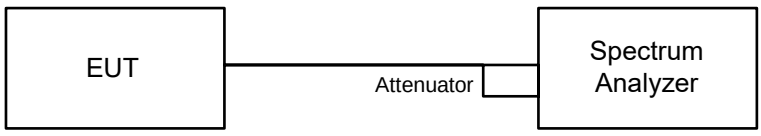
a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
c. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
d. Sweep time = auto, trigger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

For specified measurement bandwidth 500 kHz:
Method SA-1

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

6.4 6 dB Bandwidth

6.4.1 Test Setup

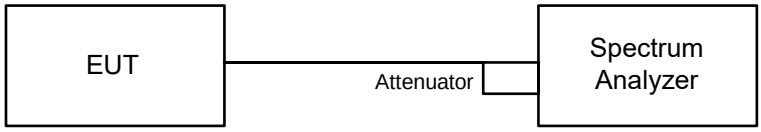


6.4.2 Test Procedure

a. Set resolution bandwidth (RBW) = 100 kHz.
b. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
c. Trace mode = max hold.
d. Sweep = auto couple.
e. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.5 Occupied Bandwidth

6.5.1 Test Setup

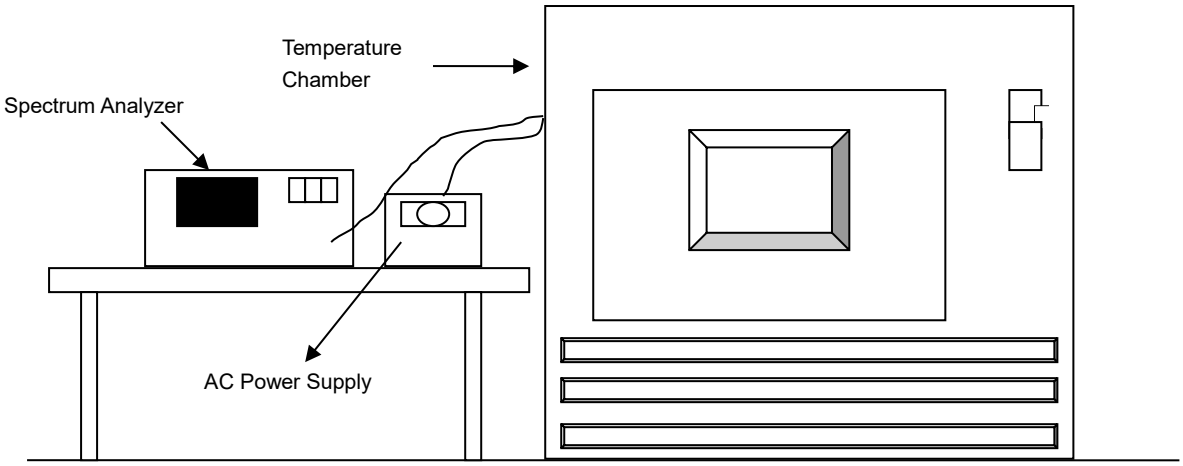


6.5.2 Test Procedure

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

6.6 Frequency Stability

6.6.1 Test Setup

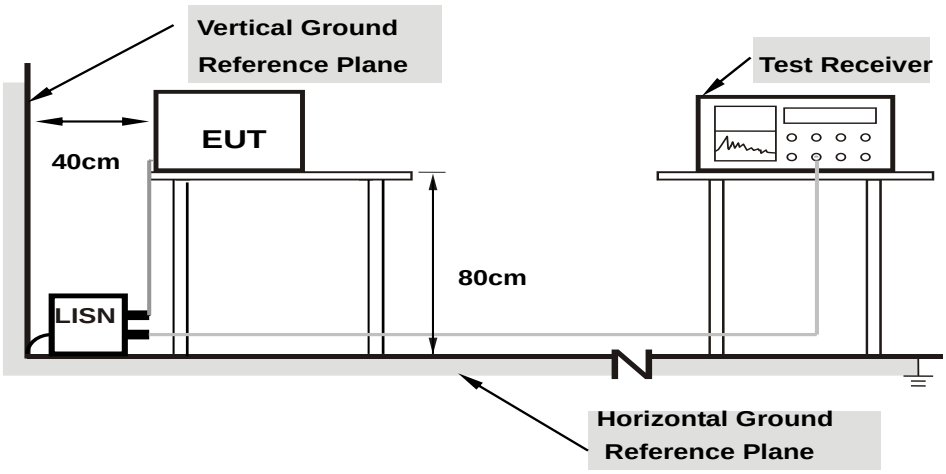


6.6.2 Test Procedure

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

6.7 AC Power Conducted Emissions

6.7.1 Test Setup



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

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

6.7.2 Test Procedure

a. 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.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

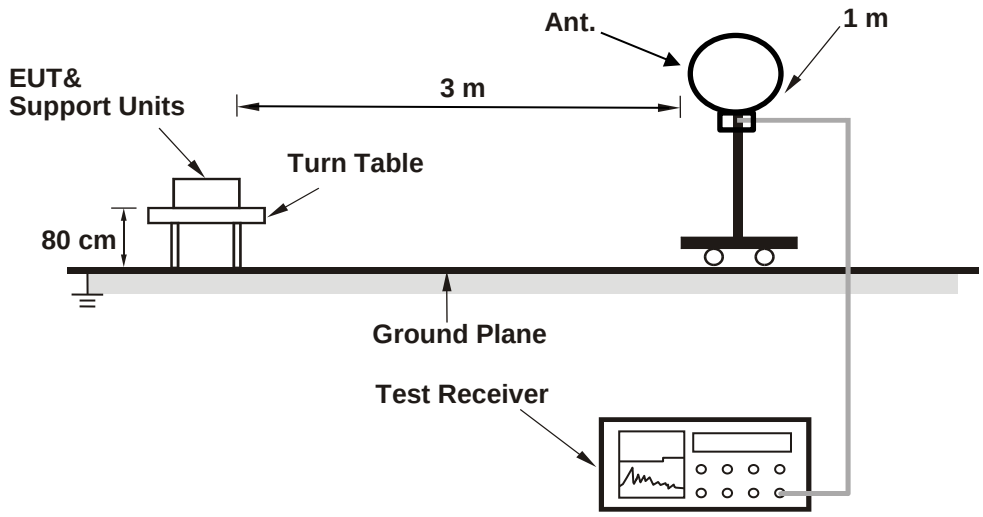
c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

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

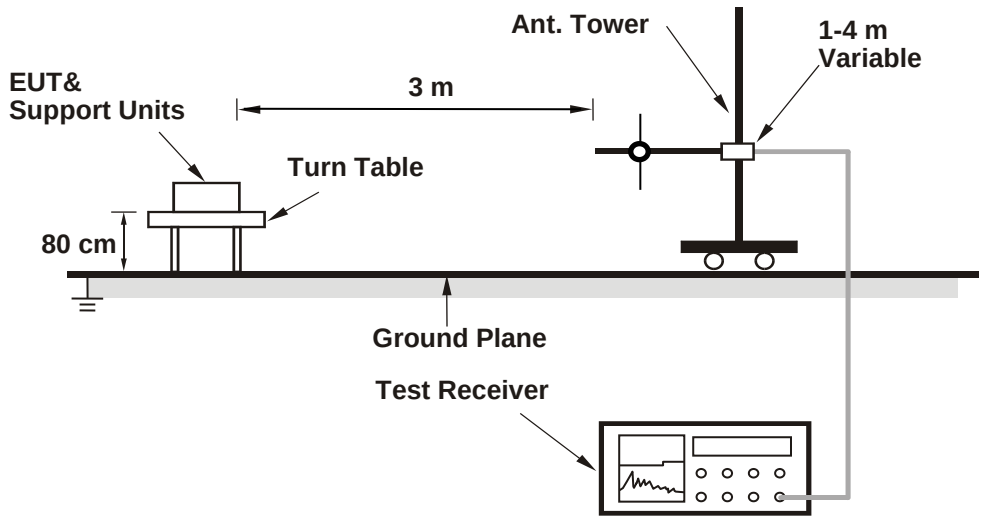
6.8 Unwanted Emissions below 1 GHz

6.8.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

6.8.2 Test Procedure

For Radiated emission below 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

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

For Radiated emission above 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

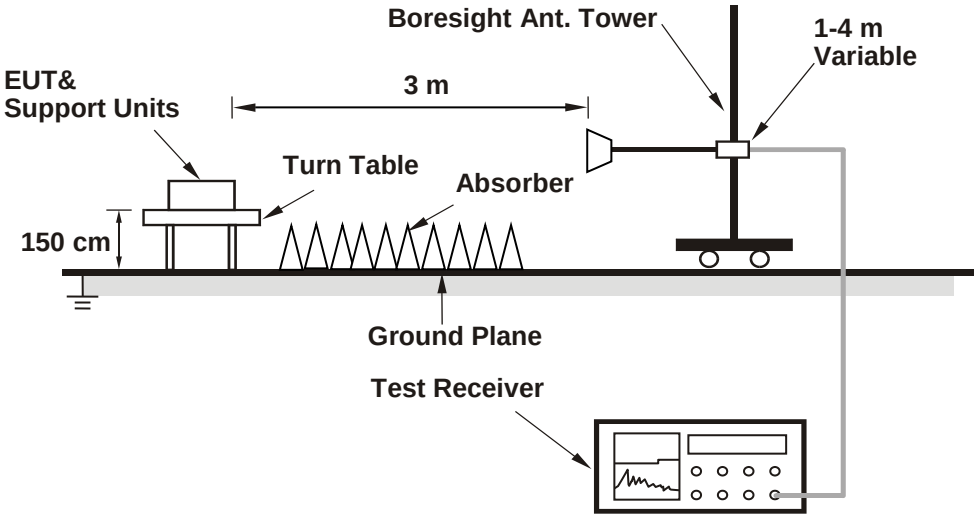
e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

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

6.9 Unwanted Emissions above 1 GHz

6.9.1 Test Setup



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

6.9.2 Test Procedure

a. 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.

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 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:

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

7 Test Results of Test Item

7.1 26 dB Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang

802.11a

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	23.31	22.47	24.37	23.54
60	5300	22.86	22.67	23.37	25.52
64	5320	23.36	23.15	26.66	23.62
100	5500	22.51	23.88	23.24	23.58
116	5580	24.20	22.46	24.71	23.29
140	5700	21.77	21.59	21.57	21.62
144 (U-NII-2C)	5720	16.08	16.81	17.05	16.80
144 (U-NII-3)	5720	6.41	6.53	6.74	6.47

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	22.47	24.51	>	24
60	5300	22.67	24.55	>	24
64	5320	23.15	24.64	>	24
100	5500	22.51	24.52	>	24
116	5580	22.46	24.51	>	24
140	5700	21.57	24.33	>	24
144 (U-NII-2C)	5720	16.08	23.06	<	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	Chain 2	Chain 3
52	5260	25.76	29.52	28.62	25.26
60	5300	28.86	28.58	23.64	30.81
64	5320	29.72	32.52	28.89	30.74
100	5500	29.13	26.47	25.14	29.53
116	5580	24.06	30.09	30.15	30.13
140	5700	21.93	21.84	21.87	21.83
144 (U-NII-2C)	5720	18.45	21.05	18.45	18.01
144 (U-NII-3)	5720	6.32	8.20	9.29	9.41

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	25.26	25.02	>	24
60	5300	23.64	24.73	>	24
64	5320	28.89	25.6	>	24
100	5500	25.14	25	>	24
116	5580	24.06	24.81	>	24
140	5700	21.83	24.39	>	24
144 (U-NII-2C)	5720	18.01	23.55	<	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	Chain 2	Chain 3
54	5270	43.25	44.86	43.95	43.64
62	5310	45.71	51.96	52.43	52.76
102	5510	45.32	51.78	51.79	48.23
110	5550	44.75	44.70	44.50	44.46
134	5670	46.21	43.57	44.81	46.35
142 (U-NII-2C)	5710	36.42	36.76	36.29	36.86
142 (U-NII-3)	5710	7.38	6.63	6.41	12.62

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	43.25	27.35	>	24
62	5310	45.71	27.6	>	24
102	5510	45.32	27.56	>	24
110	5550	44.46	27.47	>	24
134	5670	43.57	27.39	>	24
142 (U-NII-2C)	5710	36.29	26.59	>	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	Chain 2	Chain 3
58	5290	85.30	85.70	85.48	85.06
106	5530	84.57	90.64	87.95	85.83
122	5610	83.80	84.60	84.39	83.67
138 (U-NII-2C)	5690	77.08	77.39	77.02	77.30
138 (U-NII-3)	5690	7.39	7.30	7.03	7.54

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	85.06	30.29	>	24
106	5530	84.57	30.27	>	24
122	5610	83.67	30.22	>	24
138 (U-NII-2C)	5690	77.02	29.86	>	24

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

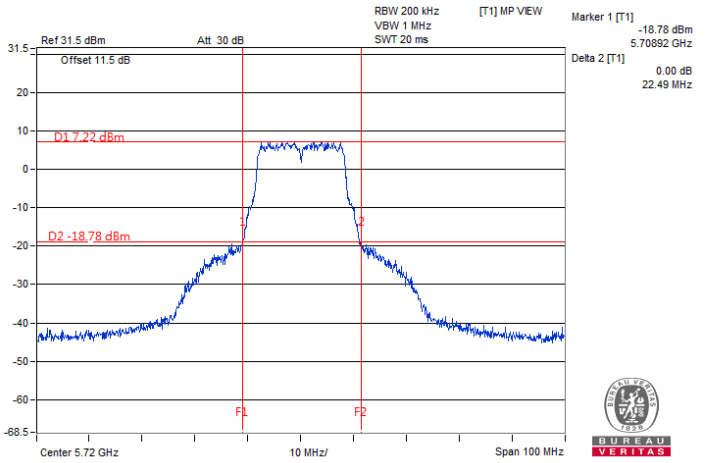
802.11be (EHT160)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
50 (U-NII-1)	5250	82.88	82.65	82.98	82.45
50 (U-NII-2A)	5250	83.57	83.13	83.35	83.07
114	5570	166.06	165.63	166.07	166.35

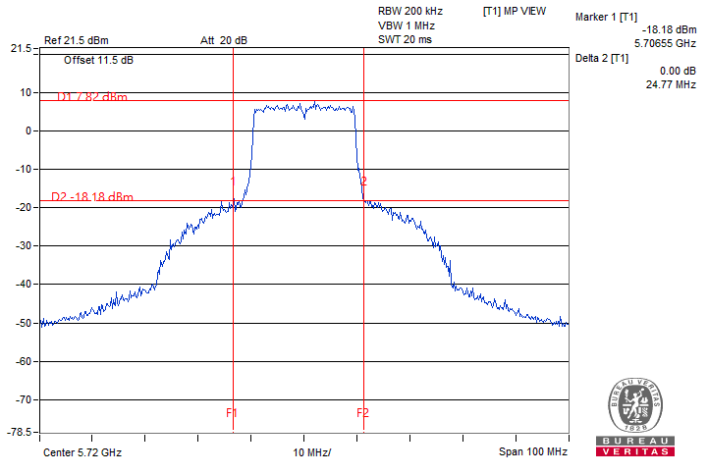
Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
50 (U-NII-2A)	5250	83.07	30.19	>	24
114	5570	165.63	33.19	>	24

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

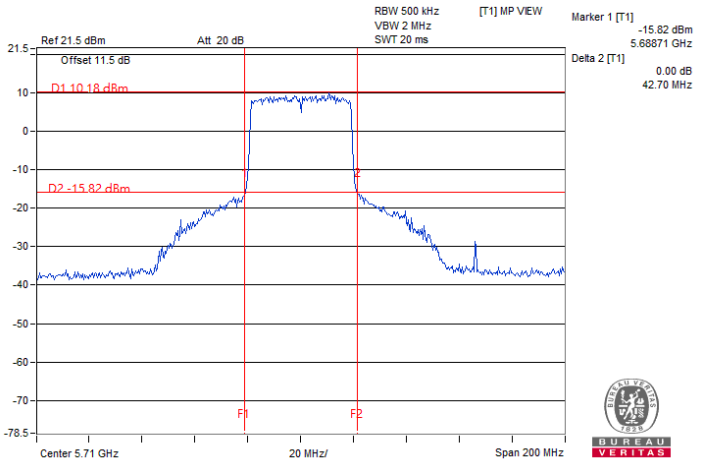
Spectrum Plot of Minimum Value



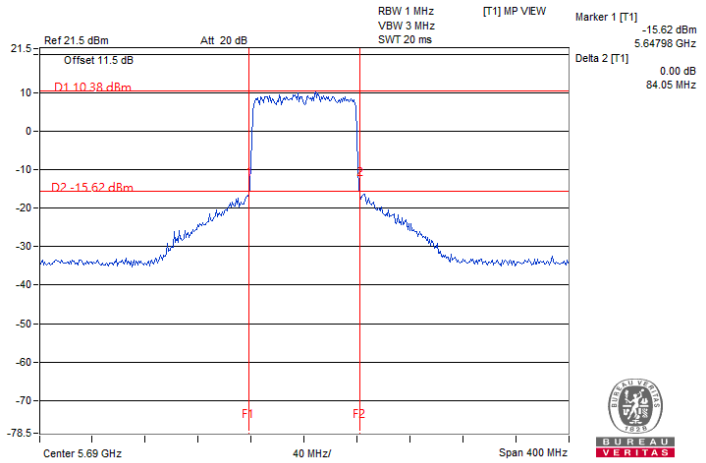
802.11a / Chain 0 : CH 144 (U-NII-3)



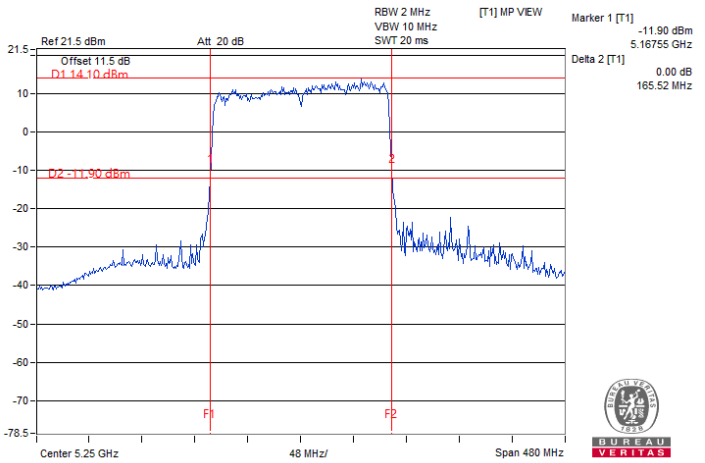
802.11be (EHT20) / Chain 0 : CH 144 (U-NII-3)



802.11be (EHT40) / Chain 2 : CH 142 (U-NII-3)



802.11be (EHT80) / Chain 2 : CH 138 (U-NII-3)



802.11be (EHT160) / Chain 3 : CH 50 (U-NII-1)

Notes:

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

7.2 RF Output Power

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang

CDD Mode

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.75	22.86	22.96	22.77	768.493	28.86	30	Pass
40	5200	23.23	23.36	23.19	23.22	845.491	29.27	30	Pass
48	5240	23.13	23.44	23.05	23.58	856.26	29.33	30	Pass
52	5260	17.06	17.50	16.66	17.11	204.799	23.11	24	Pass
60	5300	17.18	17.56	16.86	16.76	205.209	23.12	24	Pass
64	5320	16.98	17.49	17.27	16.79	207.08	23.16	24	Pass
100	5500	17.12	17.36	16.97	17.31	209.574	23.21	24	Pass
116	5580	16.58	17.25	16.85	17.51	203.368	23.08	24	Pass
140	5700	16.57	17.38	17.68	17.44	214.172	23.31	24	Pass
*144 (U-NII-2C)	5720	15.96	16.06	15.92	16.24	160.967	22.07	23.06	Pass
*144 (U-NII-3)	5720	10.05	9.69	10.21	10.45	41.014	16.13	30	Pass
149	5745	23.34	23.47	22.98	23.41	855.995	29.32	30	Pass
157	5785	23.12	23.53	22.95	23.11	832.427	29.20	30	Pass
165	5825	23.51	23.33	22.58	23.69	854.684	29.32	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 3.63 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 3.71 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 4.02 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 4.25 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.25	22.41	22.52	22.39	694.09	28.41	30	Pass
40	5200	23.11	23.27	23.23	23.41	846.627	29.28	30	Pass
48	5240	23.05	23.34	23.00	23.46	838.957	29.24	30	Pass
52	5260	17.26	17.41	17.13	17.08	210.984	23.24	24	Pass
60	5300	17.22	17.67	16.93	17.07	211.452	23.25	24	Pass
64	5320	17.17	17.43	17.35	16.93	211.097	23.24	24	Pass
100	5500	17.12	17.41	17.12	17.42	213.334	23.29	24	Pass
116	5580	16.66	17.28	17.14	17.51	207.926	23.18	24	Pass
140	5700	16.62	17.06	17.29	17.44	205.778	23.13	24	Pass
*144 (U-NII-2C)	5720	14.17	14.59	14.55	14.09	109.051	20.38	23.55	Pass
*144 (U-NII-3)	5720	9.28	9.84	9.59	9.20	35.527	15.51	30	Pass
149	5745	23.32	23.53	23.15	23.18	854.715	29.32	30	Pass
157	5785	23.02	23.43	23.01	23.30	834.522	29.21	30	Pass
165	5825	23.27	23.20	22.35	23.65	824.784	29.16	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 3.63 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 3.71 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 4.02 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 4.25 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	20.53	20.80	20.45	20.61	459.204	26.62	30	Pass
46	5230	23.36	23.42	22.95	23.46	855.618	29.32	30	Pass
54	5270	17.22	17.60	16.96	17.02	210.276	23.23	24	Pass
62	5310	17.21	17.38	17.35	16.77	209.162	23.20	24	Pass
102	5510	17.08	17.43	16.65	17.14	204.384	23.10	24	Pass
110	5550	17.09	17.40	16.62	17.38	206.744	23.15	24	Pass
134	5670	16.70	17.36	17.35	17.14	207.309	23.17	24	Pass
*142 (U-NII-2C)	5710	15.37	15.38	15.07	15.62	137.561	21.38	24	Pass
*142 (U-NII-3)	5710	6.03	6.31	5.44	5.46	15.299	11.85	30	Pass
151	5755	23.16	23.49	23.30	23.34	859.942	29.34	30	Pass
159	5795	23.16	23.53	23.27	23.21	854.174	29.32	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 3.63 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 3.71 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 4.02 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 4.25 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	20.63	21.16	20.54	20.54	472.708	26.75	30	Pass
58	5290	17.19	17.45	17.15	16.97	209.604	23.21	24	Pass
106	5530	17.16	17.77	16.89	17.11	212.11	23.27	24	Pass
122	5610	17.32	17.29	16.52	17.55	209.291	23.21	24	Pass
*138 (U-NII-2C)	5690	16.12	15.92	15.67	16.35	160.06	22.04	24	Pass
*138 (U-NII-3)	5690	3.11	2.73	1.65	3.03	7.393	8.69	30	Pass
155	5775	22.14	22.21	22.19	22.46	671.798	28.27	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 3.63 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 3.71 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 4.02 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 4.25 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
*50 (U-NII-1)	5250	15.09	14.95	14.88	14.76	124.229	20.94	30	Pass
*50 (U-NII-2A)	5250	16.81	16.65	16.59	16.45	183.972	22.65	24	Pass
114	5570	17.06	17.76	16.97	16.93	209.611	23.21	24	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 3.63 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 3.71 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 4.02 dBi < 6 dBi, so the output power limit shall not be reduced.

Beamforming Mode

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.25	22.41	22.52	22.39	694.09	28.41	29.98	Pass
40	5200	23.11	23.27	23.23	23.41	846.627	29.28	29.98	Pass
48	5240	23.05	23.34	23.00	23.46	838.957	29.24	29.98	Pass
52	5260	17.26	17.41	17.13	17.08	210.984	23.24	23.91	Pass
60	5300	17.22	17.67	16.93	17.07	211.452	23.25	23.91	Pass
64	5320	17.17	17.43	17.35	16.93	211.097	23.24	23.91	Pass
100	5500	17.12	17.41	17.12	17.42	213.334	23.29	23.84	Pass
116	5580	16.66	17.28	17.14	17.51	207.926	23.18	23.84	Pass
140	5700	16.62	17.06	17.29	17.44	205.778	23.13	23.84	Pass
*144 (U-NII-2C)	5720	14.17	14.59	14.55	14.09	109.051	20.38	23.39	Pass
*144 (U-NII-3)	5720	9.28	9.84	9.59	9.20	35.527	15.51	29.73	Pass
149	5745	23.32	23.53	23.15	23.18	854.715	29.32	29.73	Pass
157	5785	23.02	23.43	23.01	23.30	834.522	29.21	29.73	Pass
165	5825	23.27	23.20	22.35	23.65	824.784	29.16	29.73	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.02-6) = 29.98 dBm.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.09-6)].
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.16-6)].
6. For U-NII-3, the directional gain is 6.27 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.27-6) = 29.73 dBm.

802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	20.53	20.80	20.45	20.61	459.204	26.62	29.98	Pass
46	5230	23.36	23.42	22.95	23.46	855.618	29.32	29.98	Pass
54	5270	17.22	17.60	16.96	17.02	210.276	23.23	23.91	Pass
62	5310	17.21	17.38	17.35	16.77	209.162	23.20	23.91	Pass
102	5510	17.08	17.43	16.65	17.14	204.384	23.10	23.84	Pass
110	5550	17.09	17.40	16.62	17.38	206.744	23.15	23.84	Pass
134	5670	16.70	17.36	17.35	17.14	207.309	23.17	23.84	Pass
*142 (U-NII-2C)	5710	15.37	15.38	15.07	15.62	137.561	21.38	23.84	Pass
*142 (U-NII-3)	5710	6.03	6.31	5.44	5.46	15.299	11.85	29.73	Pass
151	5755	23.16	23.49	23.30	23.34	859.942	29.34	29.73	Pass
159	5795	23.16	23.53	23.27	23.21	854.174	29.32	29.73	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.02-6) = 29.98 dBm.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.09-6)].
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.16-6)].
6. For U-NII-3, the directional gain is 6.27 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.27-6) = 29.73 dBm.

802.11be (EHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	20.63	21.16	20.54	20.54	472.708	26.75	29.98	Pass
58	5290	17.19	17.45	17.15	16.97	209.604	23.21	23.91	Pass
106	5530	17.16	17.77	16.89	17.11	212.11	23.27	23.84	Pass
122	5610	17.32	17.29	16.52	17.55	209.291	23.21	23.84	Pass
*138 (U-NII-2C)	5690	16.12	15.92	15.67	16.35	160.06	22.04	23.84	Pass
*138 (U-NII-3)	5690	3.11	2.73	1.65	3.03	7.393	8.69	29.73	Pass
155	5775	22.14	22.21	22.19	22.46	671.798	28.27	29.73	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.02-6) = 29.98 dBm.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.09-6)].
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.16-6)].
6. For U-NII-3, the directional gain is 6.27 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.27-6) = 29.73 dBm.

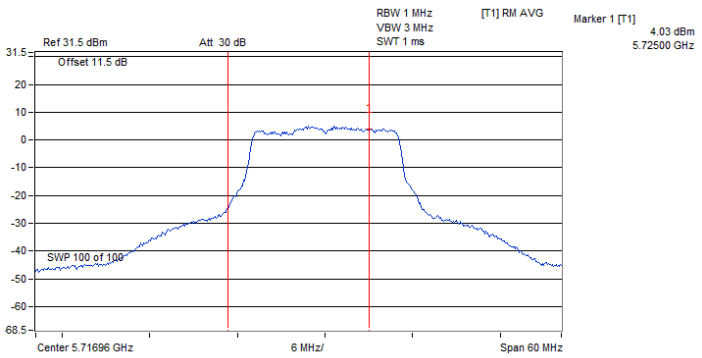
802.11be (EHT160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
*50 (U-NII-1)	5250	15.09	14.95	14.88	14.76	124.229	20.94	29.98	Pass
*50 (U-NII-2A)	5250	16.81	16.65	16.59	16.45	183.972	22.65	23.91	Pass
114	5570	17.06	17.76	16.97	16.93	209.611	23.21	23.84	Pass

Notes:

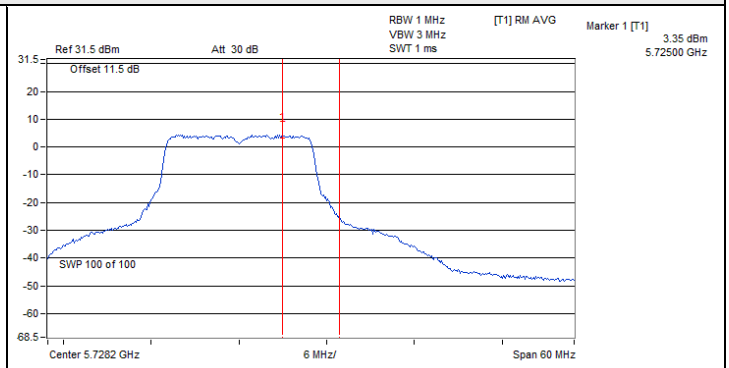
1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.02-6) = 29.98 dBm.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.09-6)].
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.16-6)].

Spectrum Plot for channel straddling



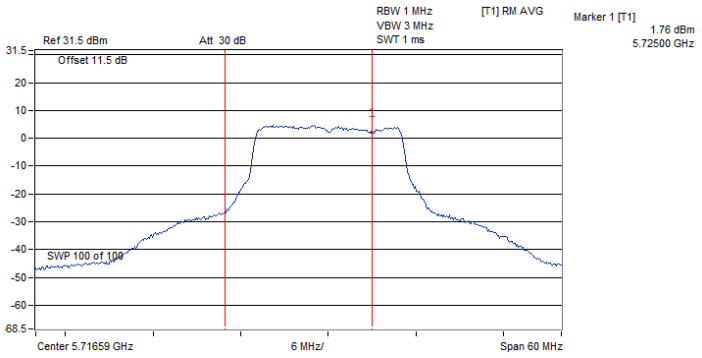
TX Channel Bandwidth 16.08 MHz Power 15.96 dBm

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



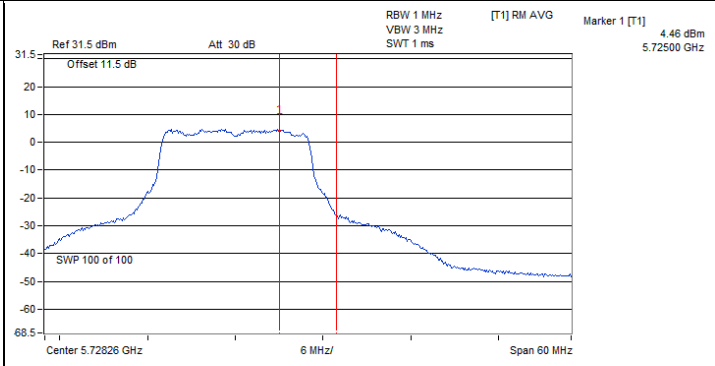
TX Channel Bandwidth 6.41 MHz Power 10.05 dBm

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



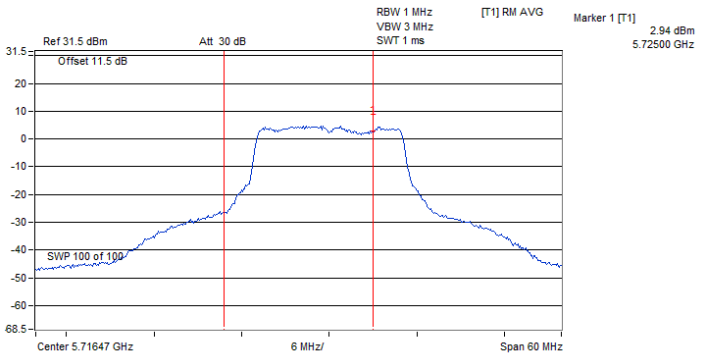
TX Channel Bandwidth 16.81 MHz Power 16.06 dBm

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



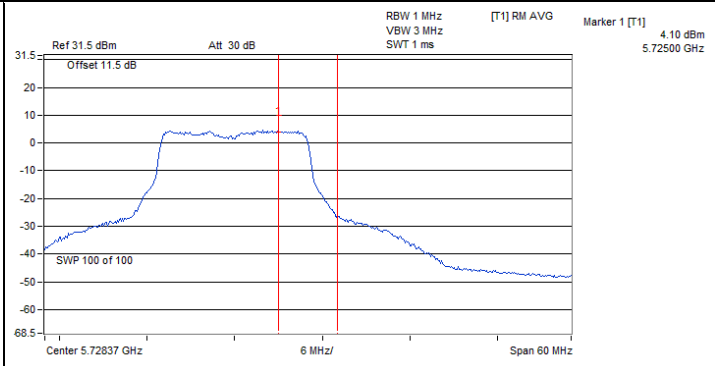
TX Channel Bandwidth 6.53 MHz Power 9.69 dBm

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



TX Channel Bandwidth 17.05 MHz Power 15.92 dBm

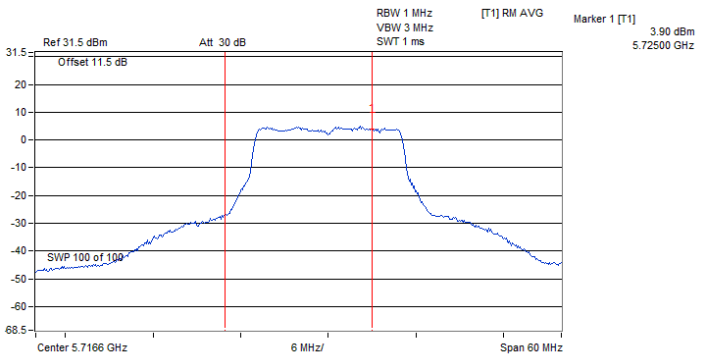
802.11a / Chain 2 : CH 144 (U-NII-2C)



TX Channel Bandwidth 6.74 MHz Power 10.21 dBm

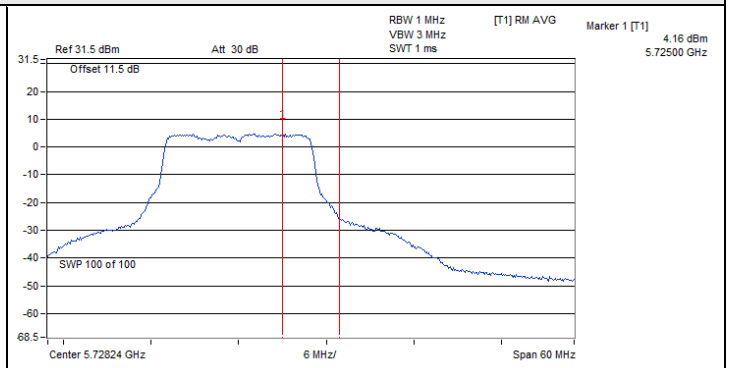
802.11a / Chain 2 : CH 144 (U-NII-3)

Spectrum Plot for channel straddling



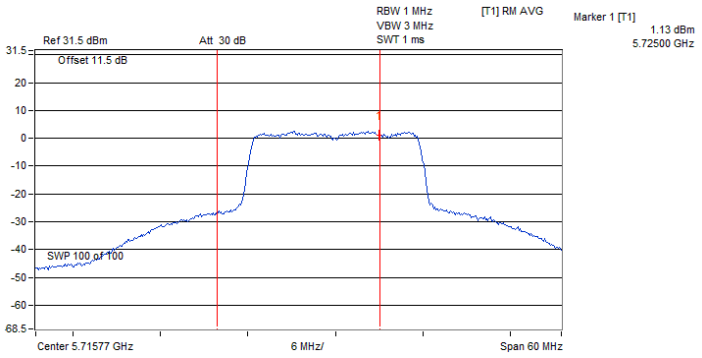
TX Channel Bandwidth 16.8 MHz Power 16.24 dBm

802.11a / Chain 3 : CH 144 (U-NII-2C)



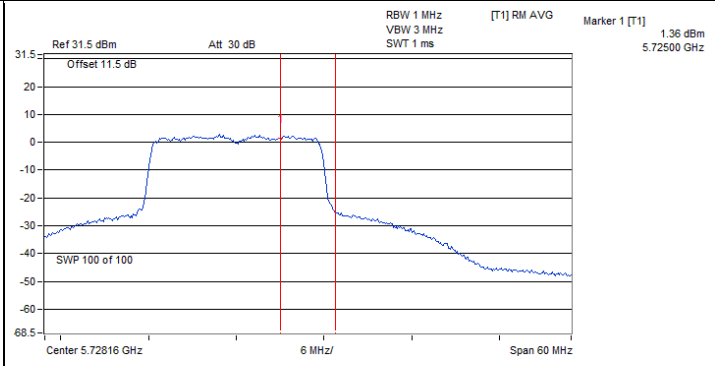
TX Channel Bandwidth 6.47 MHz Power 10.45 dBm

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



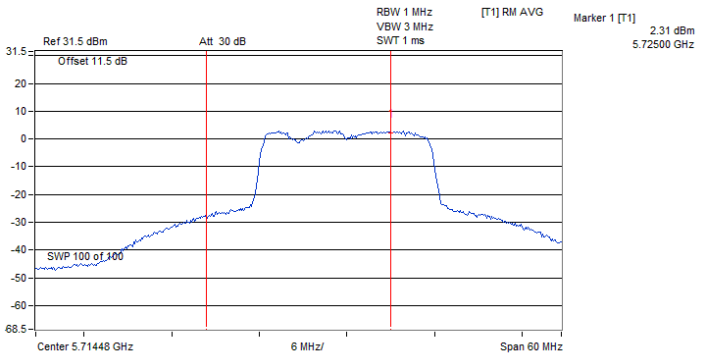
TX Channel Bandwidth 18.45 MHz Power 14.17 dBm

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



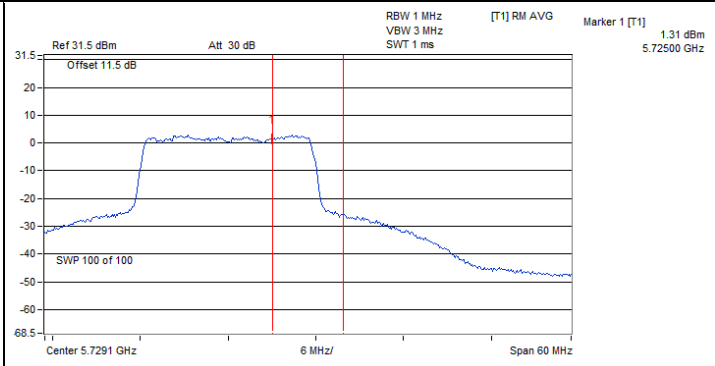
TX Channel Bandwidth 6.32 MHz Power 9.28 dBm

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



TX Channel Bandwidth 21.05 MHz Power 14.59 dBm

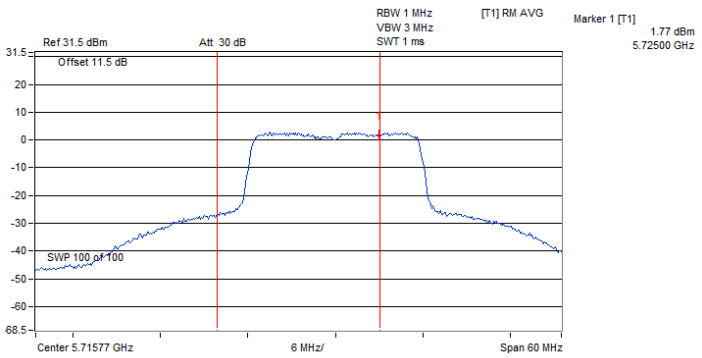
802.11be (EHT20) / Chain 1 : CH 144 (U-NII-2C)



TX Channel Bandwidth 8.2 MHz Power 9.84 dBm

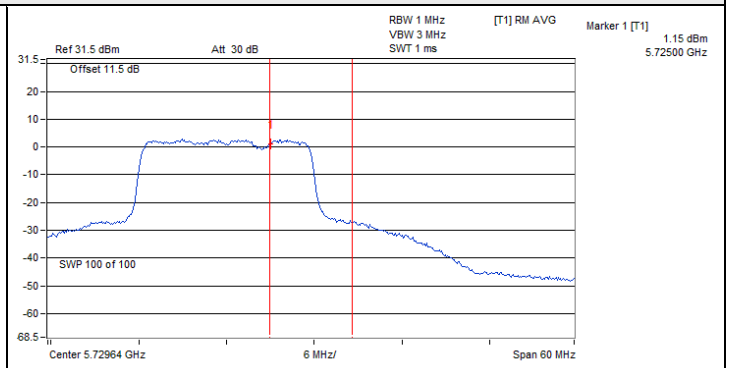
802.11be (EHT20) / Chain 1 : CH 144 (U-NII-3)

Spectrum Plot for channel straddling



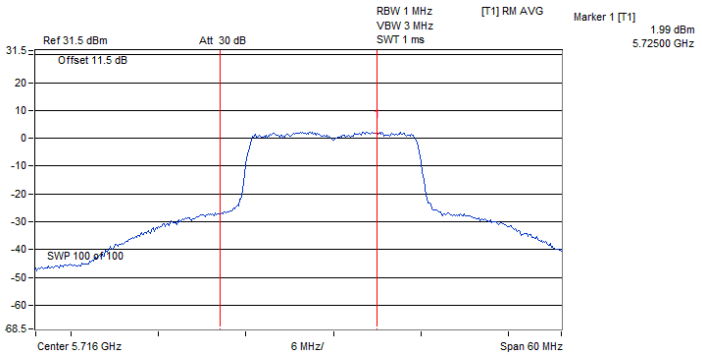
TX Channel Bandwidth 18.45 MHz Power 14.55 dBm

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



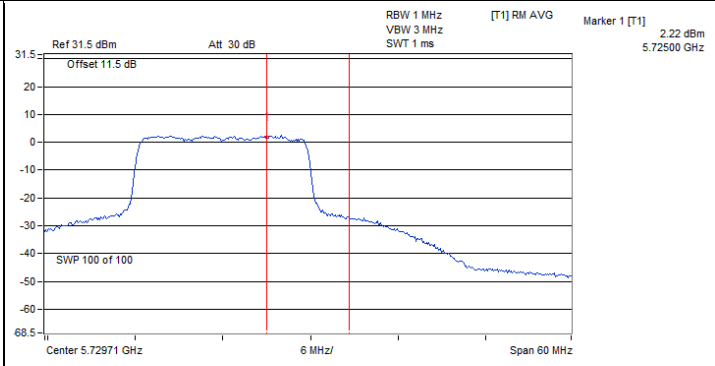
TX Channel Bandwidth 9.29 MHz Power 9.59 dBm

802.11be (EHT20) / Chain 2 : CH 144 (U-NII-3)



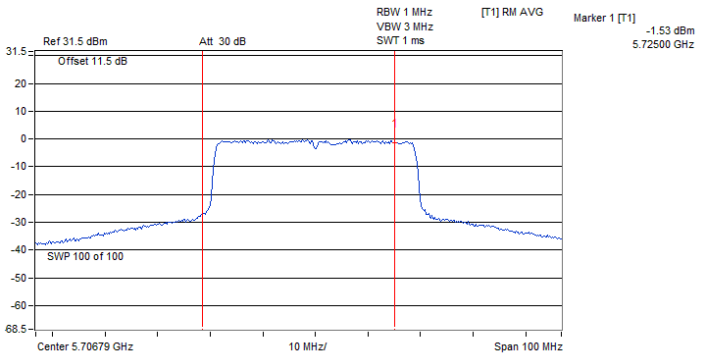
TX Channel Bandwidth 18.01 MHz Power 14.09 dBm

802.11be (EHT20) / Chain 3 : CH 144 (U-NII-2C)



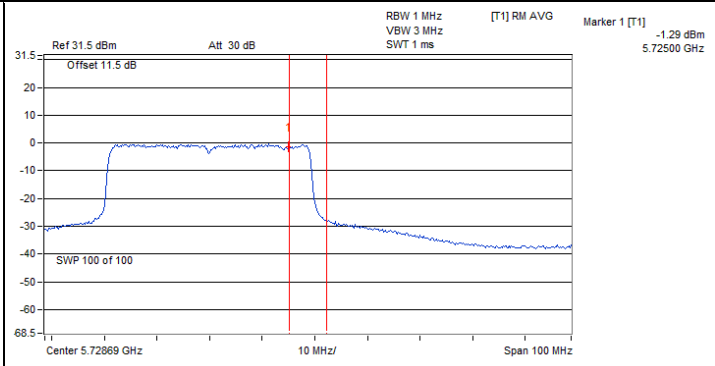
TX Channel Bandwidth 9.41 MHz Power 9.2 dBm

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



TX Channel Bandwidth 36.42 MHz Power 15.37 dBm

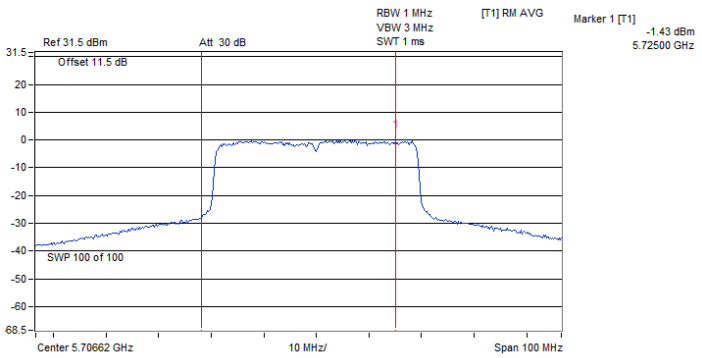
802.11be (EHT40) / Chain 0 : CH 142 (U-NII-2C)



TX Channel Bandwidth 7.38 MHz Power 6.03 dBm

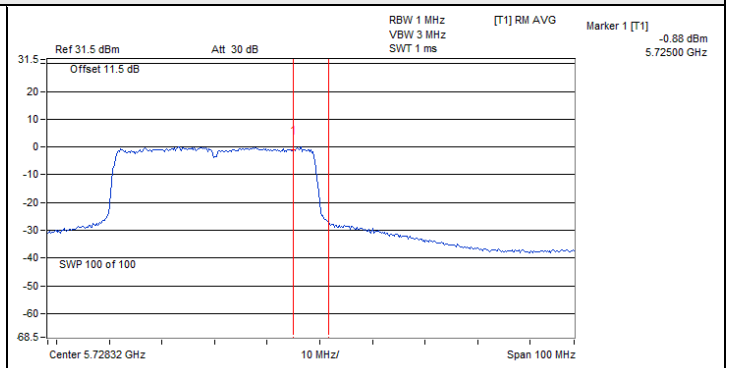
802.11be (EHT40) / Chain 0 : CH 142 (U-NII-3)

Spectrum Plot for channel straddling



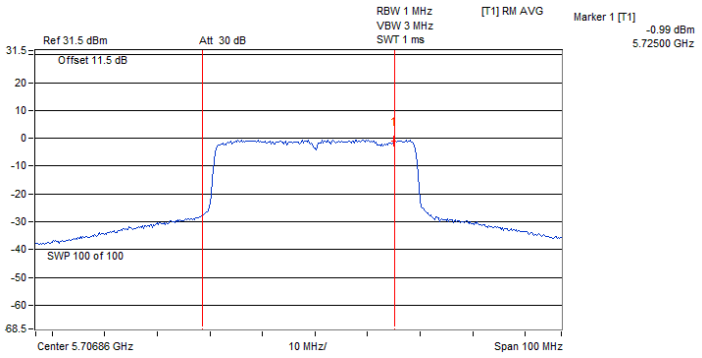
TX Channel Bandwidth 36.76 MHz Power 15.38 dBm

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



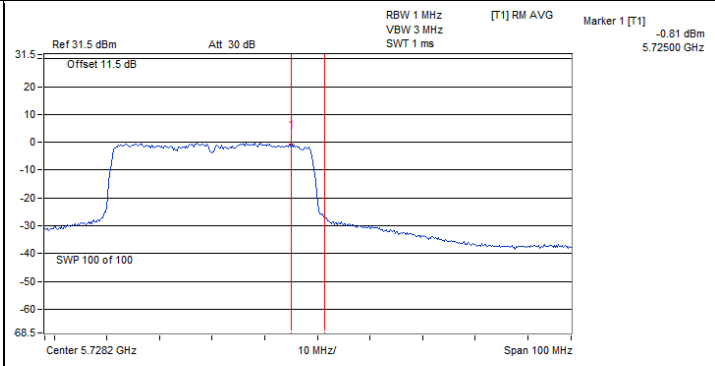
TX Channel Bandwidth 6.63 MHz Power 6.31 dBm

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



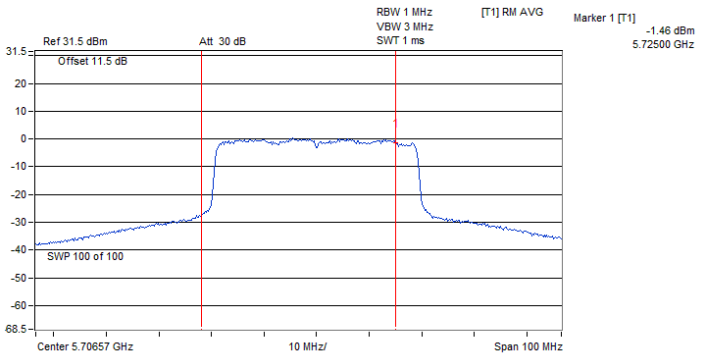
TX Channel Bandwidth 36.29 MHz Power 15.07 dBm

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



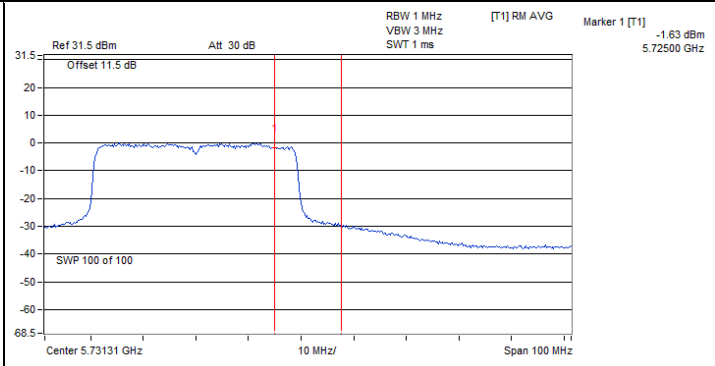
TX Channel Bandwidth 6.41 MHz Power 5.44 dBm

802.11be (EHT40) / Chain 2 : CH 142 (U-NII-3)



TX Channel Bandwidth 36.86 MHz Power 15.62 dBm

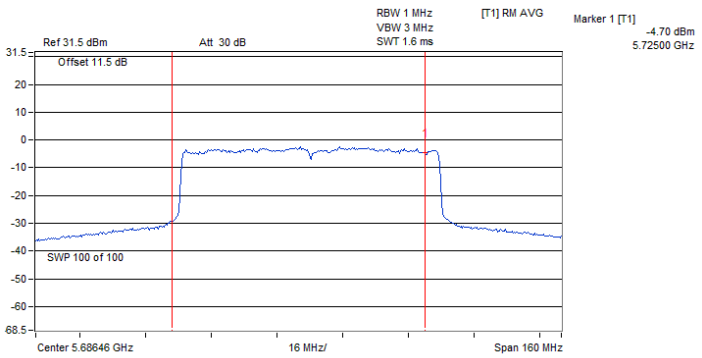
802.11be (EHT40) / Chain 3 : CH 142 (U-NII-2C)



TX Channel Bandwidth 12.62 MHz Power 5.46 dBm

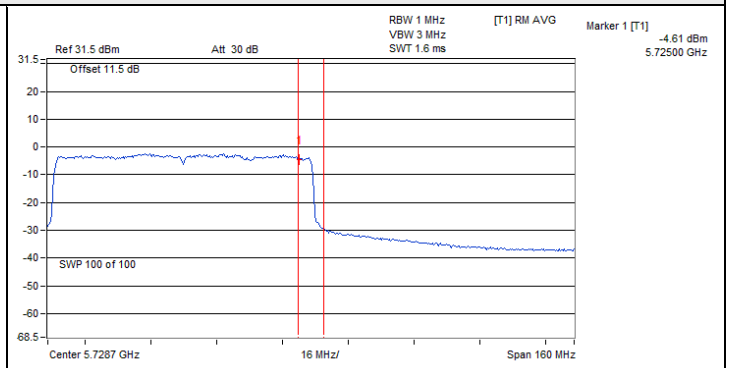
802.11be (EHT40) / Chain 3 : CH 142 (U-NII-3)

Spectrum Plot for channel straddling



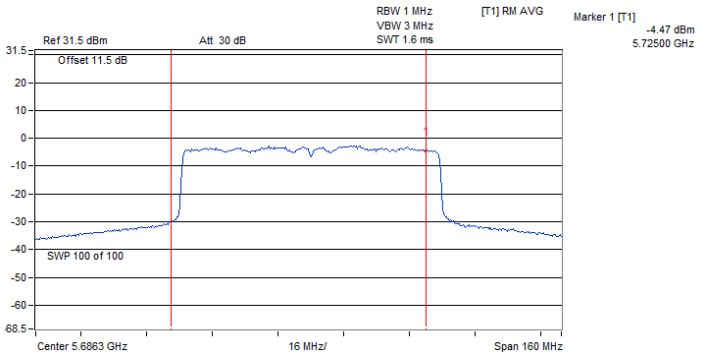
TX Channel Bandwidth 77.08 MHz Power 16.12 dBm

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



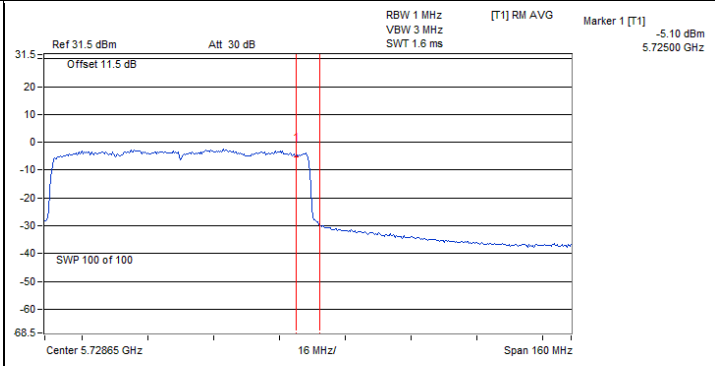
TX Channel Bandwidth 7.39 MHz Power 3.11 dBm

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



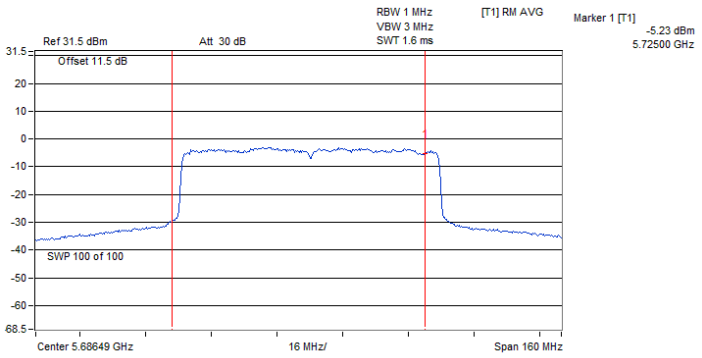
TX Channel Bandwidth 77.39 MHz Power 15.92 dBm

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



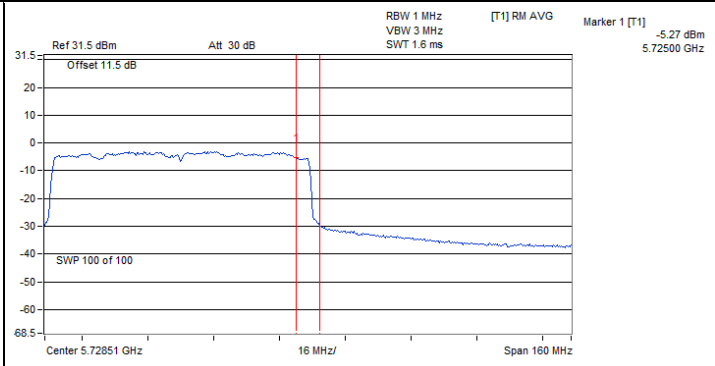
TX Channel Bandwidth 7.3 MHz Power 2.73 dBm

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



TX Channel Bandwidth 77.02 MHz Power 15.67 dBm

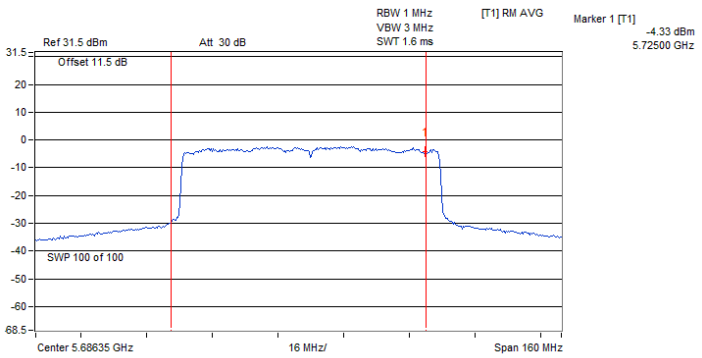
802.11be (EHT80) / Chain 2 : CH 138 (U-NII-2C)



TX Channel Bandwidth 7.03 MHz Power 1.65 dBm

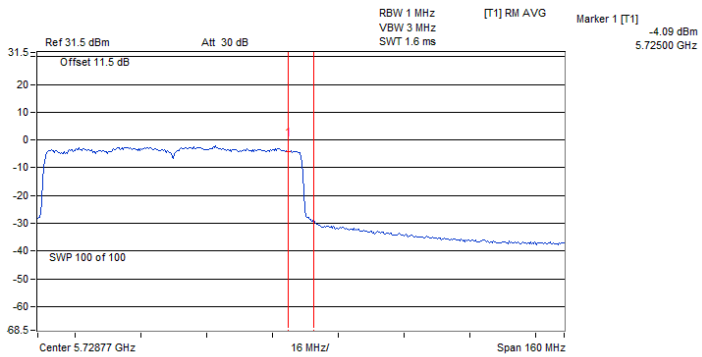
802.11be (EHT80) / Chain 2 : CH 138 (U-NII-3)

Spectrum Plot for channel straddling



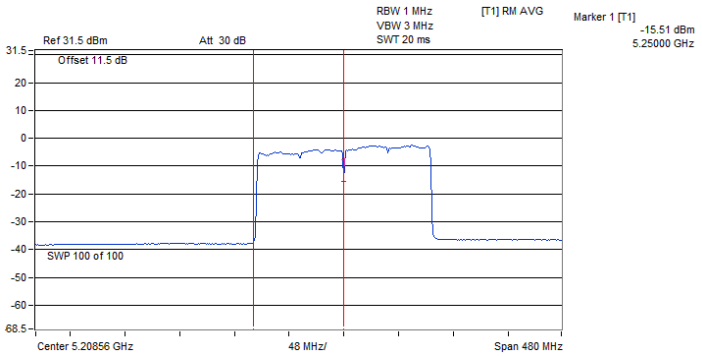
TX Channel Bandwidth 77.3 MHz Power 16.35 dBm

802.11be (EHT80) / Chain 3 : CH 138 (U-NII-2C)



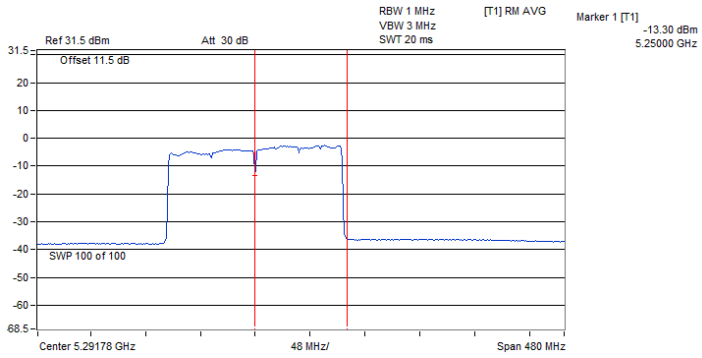
TX Channel Bandwidth 7.54 MHz Power 3.03 dBm

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



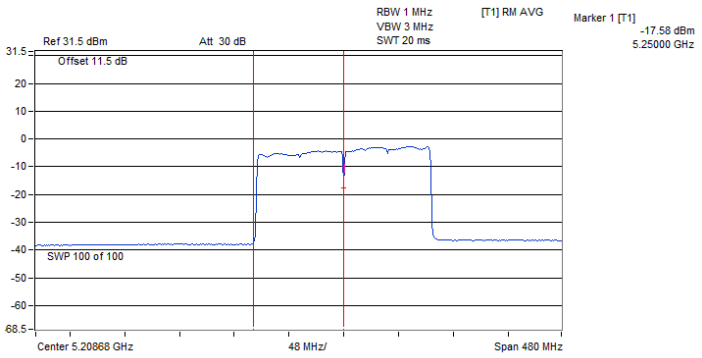
TX Channel Bandwidth 82.88 MHz Power 15.09 dBm

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



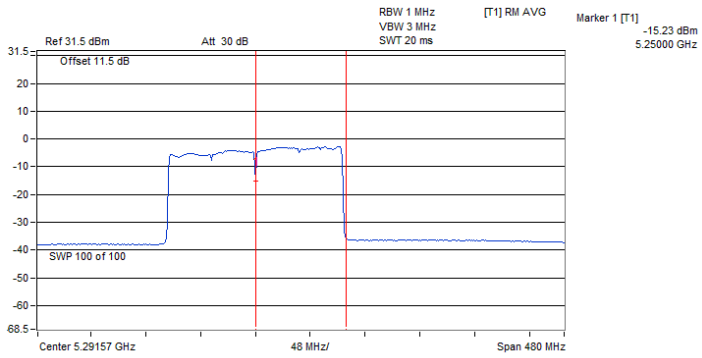
TX Channel Bandwidth 83.57 MHz Power 16.81 dBm

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



TX Channel Bandwidth 82.65 MHz Power 14.95 dBm

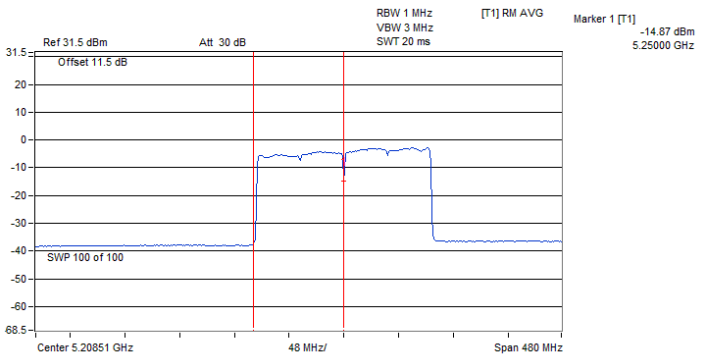
802.11be (EHT160) / Chain 1 : CH 50 (U-NII-1)



TX Channel Bandwidth 83.13 MHz Power 16.65 dBm

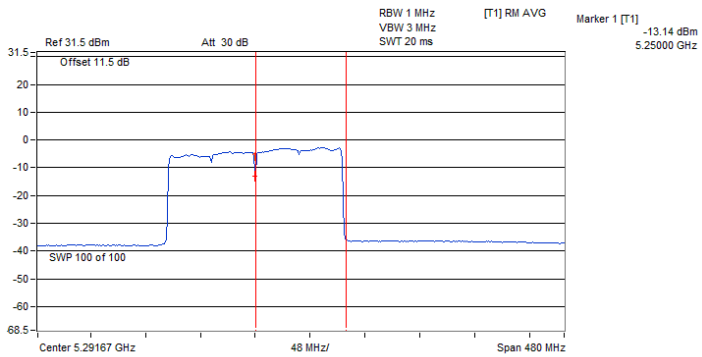
802.11be (EHT160) / Chain 1 : CH 50 (U-NII-2A)

Spectrum Plot for channel straddling



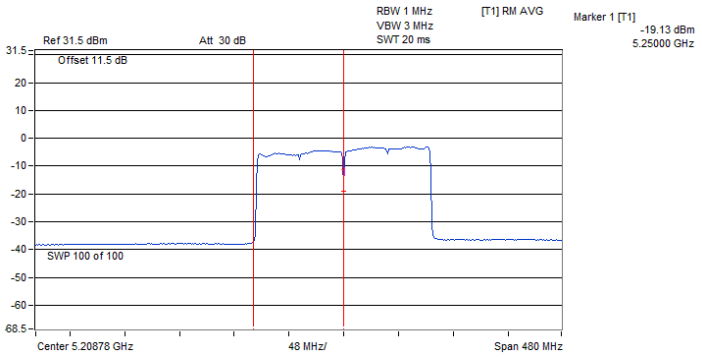
TX Channel Bandwidth 82.98 MHz Power 14.88 dBm

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



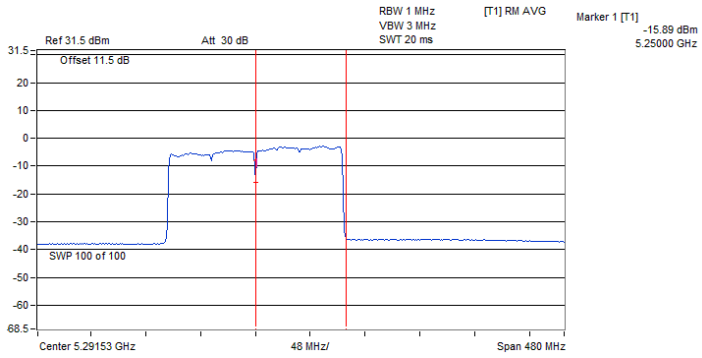
TX Channel Bandwidth 83.35 MHz Power 16.59 dBm

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



TX Channel Bandwidth 82.45 MHz Power 14.76 dBm

802.11be (EHT160) / Chain 3 : CH 50 (U-NII-1)



TX Channel Bandwidth 83.07 MHz Power 16.45 dBm

802.11be (EHT160) / Chain 3 : CH 50 (U-NII-2A)

7.3 Power Spectral Density

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)				Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3			
36	5180	9.47	9.64	9.60	9.63	15.61	16.98	Pass
40	5200	10.03	10.08	9.90	10.07	16.04	16.98	Pass
48	5240	9.78	10.07	9.84	10.30	16.02	16.98	Pass
52	5260	3.85	4.31	3.33	3.76	9.85	10.91	Pass
60	5300	3.93	4.14	3.72	3.40	9.83	10.91	Pass
64	5320	3.72	4.10	3.99	3.47	9.85	10.91	Pass
100	5500	3.89	4.03	3.65	4.04	9.93	10.84	Pass
116	5580	3.37	3.84	3.58	4.27	9.80	10.84	Pass
140	5700	3.76	4.02	4.04	4.15	10.02	10.84	Pass
144 (U-NII-2C)	5720	3.91	3.81	3.71	4.19	9.93	10.84	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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.02-6) = 16.98 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.09-6) = 10.91 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.16-6) = 10.84 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	Chain 2	Chain 3			
36	5180	8.71	8.88	9.01	8.84	14.88	16.98	Pass
40	5200	9.62	9.62	9.70	9.92	15.74	16.98	Pass
48	5240	9.51	9.72	9.46	9.95	15.68	16.98	Pass
52	5260	3.71	3.80	3.61	3.54	9.69	10.91	Pass
60	5300	3.70	4.10	3.39	3.53	9.71	10.91	Pass
64	5320	3.58	3.92	3.84	3.45	9.72	10.91	Pass
100	5500	3.58	3.81	3.55	3.91	9.74	10.84	Pass
116	5580	3.38	3.73	3.62	3.99	9.71	10.84	Pass
140	5700	2.41	3.50	3.71	3.89	9.43	10.84	Pass
144 (U-NII-2C)	5720	3.33	3.60	3.23	4.13	9.61	10.84	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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.02-6) = 16.98 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.09-6) = 10.91 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.16-6) = 10.84 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	Chain 2	Chain 3			
38	5190	4.04	4.24	3.93	3.94	10.06	16.98	Pass
46	5230	6.75	6.90	6.45	6.62	12.70	16.98	Pass
54	5270	0.75	1.08	0.46	0.45	6.71	10.91	Pass
62	5310	0.62	0.81	0.86	0.23	6.66	10.91	Pass
102	5510	0.54	0.82	0.17	0.52	6.54	10.84	Pass
110	5550	0.59	0.90	0.08	0.80	6.62	10.84	Pass
134	5670	0.21	0.73	0.76	0.58	6.60	10.84	Pass
142 (U-NII-2C)	5710	0.50	0.70	0.20	0.73	6.56	10.84	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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.02-6) = 16.98 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.09-6) = 10.91 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.16-6) = 10.84 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	Chain 2	Chain 3			
42	5210	1.17	1.58	0.95	1.02	7.21	16.98	Pass
58	5290	-2.38	-2.04	-2.49	-2.51	3.67	10.91	Pass
106	5530	-1.85	-1.75	-2.65	-2.37	3.88	10.84	Pass
122	5610	-2.17	-2.24	-2.95	-1.97	3.70	10.84	Pass
138 (U-NII-2C)	5690	-2.20	-2.58	-2.84	-2.17	3.58	10.84	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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.02-6) = 16.98 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.09-6) = 10.91 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.16-6) = 10.84 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	Chain 2	Chain 3			
50 (U-NII-1)	5250	-4.86	-4.96	-5.14	-5.30	0.96	16.98	Pass
50 (U-NII-2A)	5250	-3.19	-3.42	-3.66	-3.77	2.52	10.91	Pass
114	5570	-5.52	-4.88	-5.53	-5.57	0.66	10.84	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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 6.02 dBi > 6dBi, so the power density limit shall be reduced to 17-(6.02-6) = 16.98 dBm/MHz.
4. For U-NII-2A, the directional gain is 6.09 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.09-6) = 10.91 dBm/MHz.
5. For U-NII-2C, the directional gain is 6.16 dBi > 6 dBi, so the power density limit shall be reduced to 11-(6.16-6) = 10.84 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	Chain 2	Chain 3				
144 (U-NII-3)	5720	-4.46	-4.73	-4.76	-4.49	1.41	3.63	29.73	Pass
149	5745	1.75	2.04	1.55	1.60	7.76	9.98	29.73	Pass
157	5785	1.58	1.94	1.50	1.52	7.66	9.88	29.73	Pass
165	5825	1.82	1.85	1.10	2.15	7.77	9.99	29.73	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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-3, the directional gain is 6.27 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.27-6) = 29.73 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	Chain 2	Chain 3				
144 (U-NII-3)	5720	-6.24	-5.89	-6.16	-6.41	-0.15	2.07	29.73	Pass
149	5745	0.49	0.72	0.26	0.36	6.48	8.70	29.73	Pass
157	5785	0.23	0.57	0.10	0.39	6.35	8.57	29.73	Pass
165	5825	0.24	0.30	0.17	0.40	6.3	8.52	29.73	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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-3, the directional gain is 6.27 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.27-6) = 29.73 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	Chain 2	Chain 3				
142 (U-NII-3)	5710	-9.40	-9.19	-9.61	-9.15	-3.31	-1.09	29.73	Pass
151	5755	-2.95	-2.61	-2.53	-2.60	3.35	5.57	29.73	Pass
159	5795	-2.82	-2.53	-2.70	-2.66	3.34	5.56	29.73	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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-3, the directional gain is 6.27 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.27-6) = 29.73 dBm/500kHz.

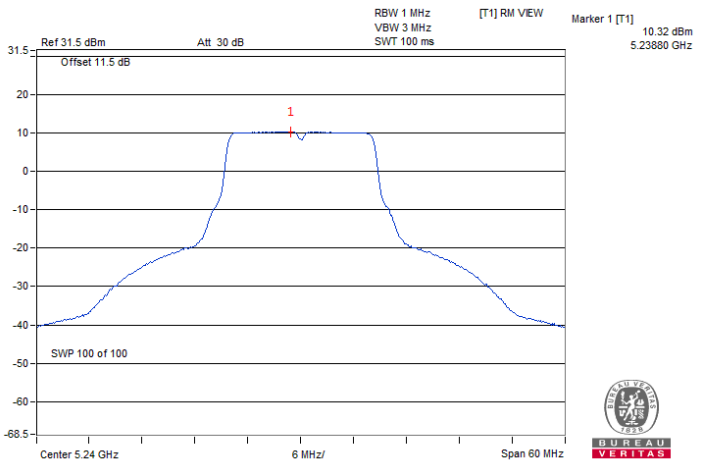
802.11be (EHT80)

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	Chain 2	Chain 3				
138 (U-NII-3)	5690	-12.54	-12.60	-12.94	-12.31	-6.57	-4.35	29.73	Pass
155	5775	-6.37	-6.51	-6.47	-6.23	-0.37	1.85	29.73	Pass

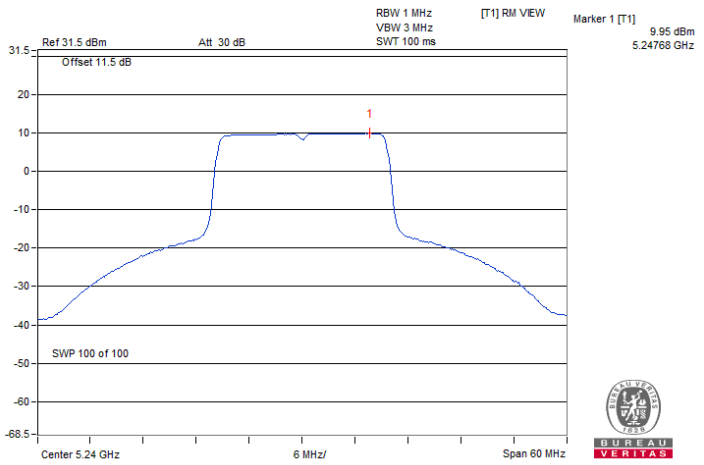
Notes:

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 is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-3, the directional gain is 6.27 dBi > 6 dBi, so the power density limit shall be reduced to 30-(6.27-6) = 29.73 dBm/500kHz.

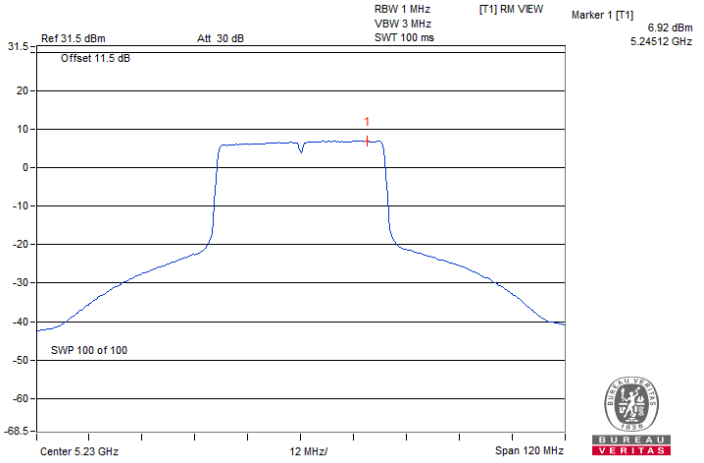
Spectrum Plot of Maximum Value



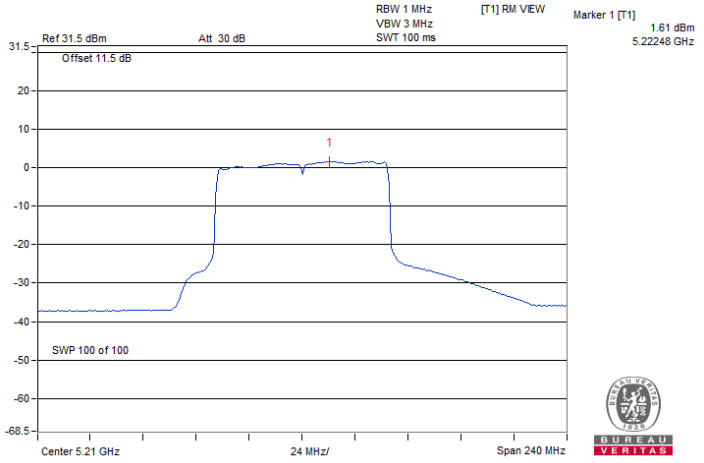
802.11a / Chain 3 : CH 48



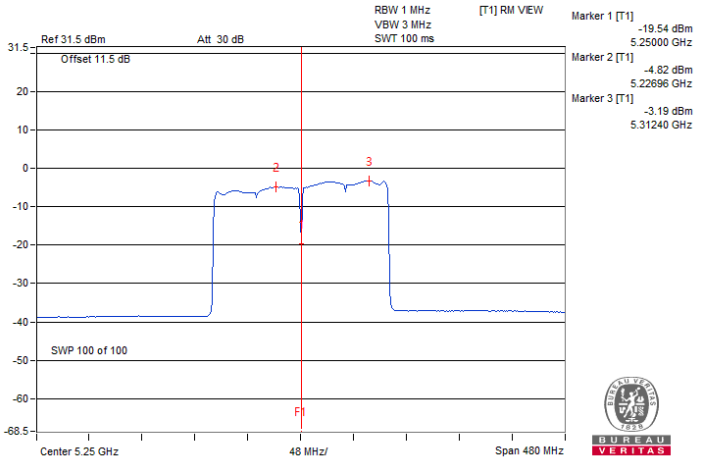
802.11be (EHT20) / Chain 3 : CH 48



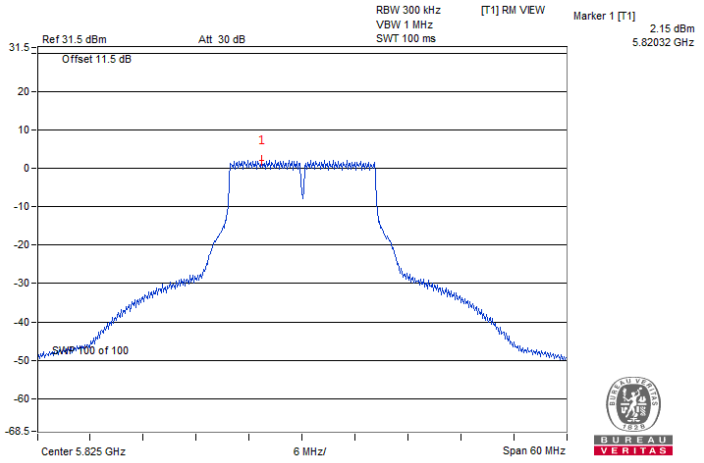
802.11be (EHT40) / Chain 1 : CH 46



802.11be (EHT80) / Chain 1 : CH 42

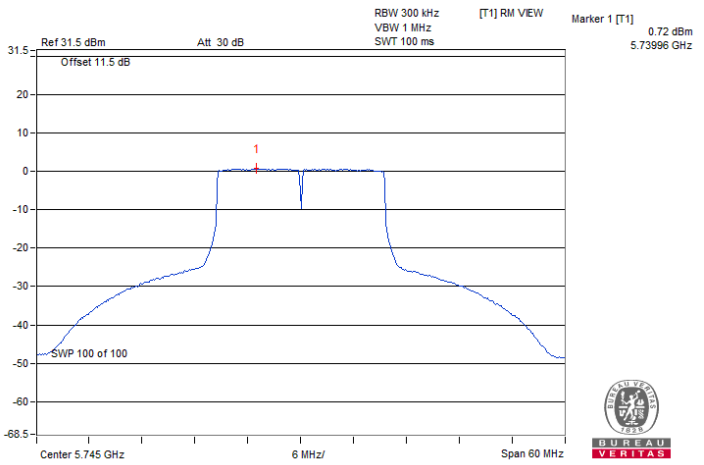


802.11be (EHT160) / Chain 0 : CH 50 (U-NII-2A)

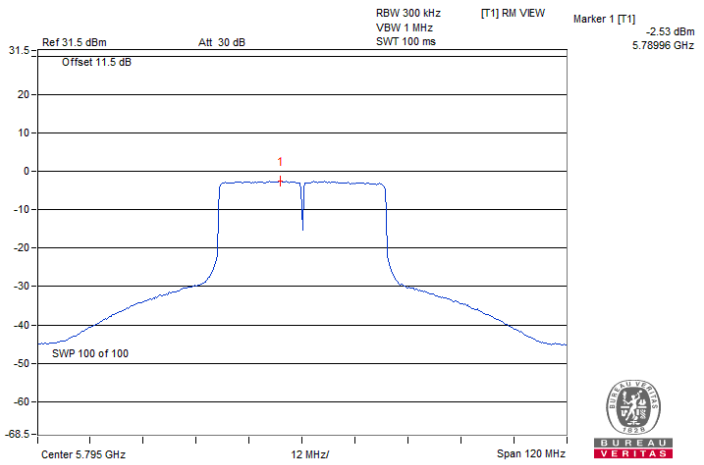


802.11a / Chain 3 : CH 165

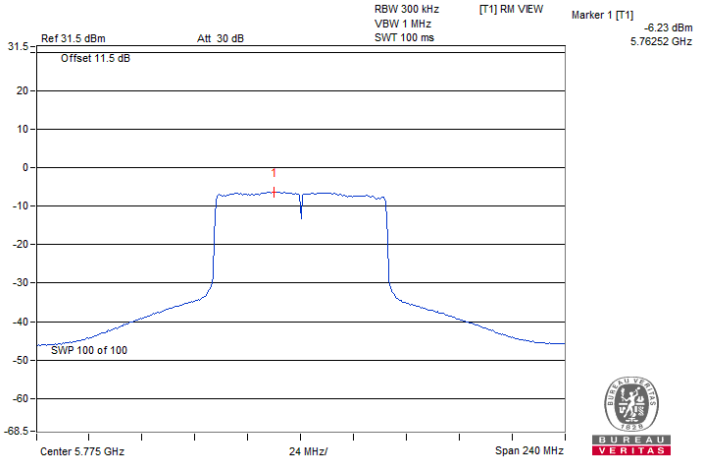
Spectrum Plot of Maximum Value



802.11be (EHT20) / Chain 1 : CH 149



802.11be (EHT40) / Chain 1 : CH 159



802.11be (EHT80) / Chain 3 : CH 155

7.4 6 dB Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang

802.11a

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)				Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
144 (U-NII-3)	5720	3.23	3.24	3.22	3.22	0.5	Pass
149	5745	16.40	16.41	16.40	16.41	0.5	Pass
157	5785	16.42	16.35	16.37	16.36	0.5	Pass
165	5825	16.41	16.41	16.40	16.42	0.5	Pass

802.11be (EHT20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)				Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
144 (U-NII-3)	5720	4.55	4.58	4.53	4.53	0.5	Pass
149	5745	18.99	19.04	19.02	19.04	0.5	Pass
157	5785	19.06	19.02	19.06	19.03	0.5	Pass
165	5825	19.04	19.02	19.09	19.06	0.5	Pass

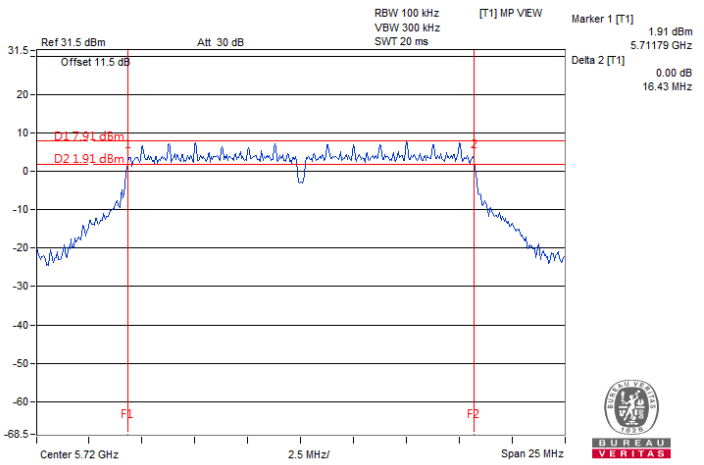
802.11be (EHT40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)				Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
142 (U-NII-3)	5710	4.04	3.99	3.99	3.84	0.5	Pass
151	5755	38.07	38.01	38.01	37.97	0.5	Pass
159	5795	37.99	38.00	37.94	38.12	0.5	Pass

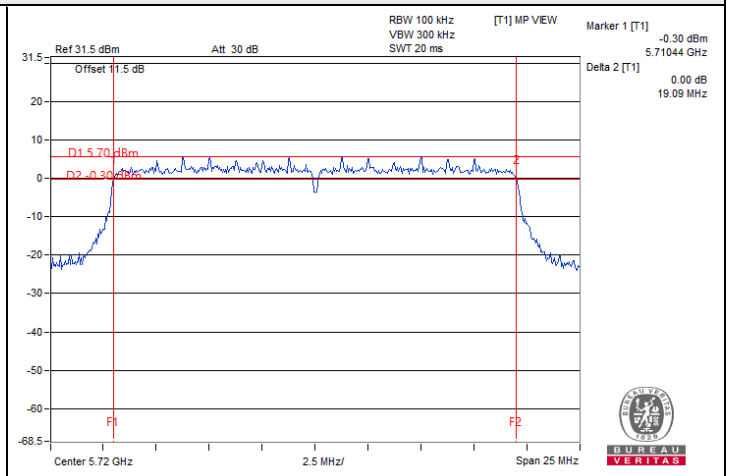
802.11be (EHT80)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)				Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
138 (U-NII-3)	5690	4.05	3.95	4.03	3.76	0.5	Pass
155	5775	77.64	77.86	77.58	77.76	0.5	Pass

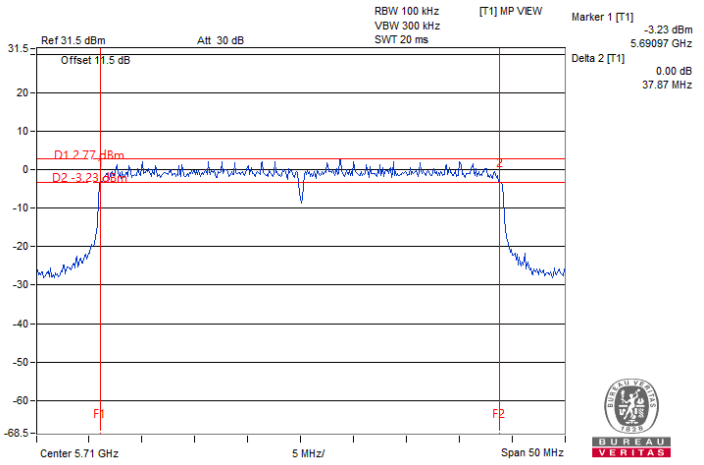
Spectrum Plot of Minimum Value



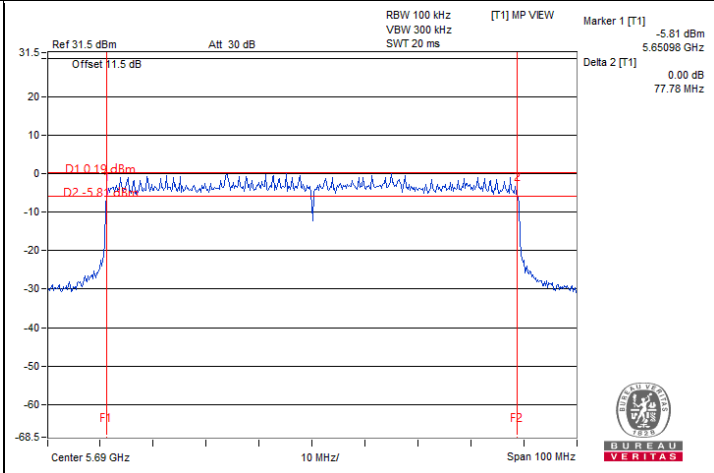
802.11a / Chain 2 : CH 144 (U-NII-3)



802.11be (EHT20) / Chain 2 : CH 144 (U-NII-3)



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



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

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

7.5 Occupied Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	17.28	17.40	17.40	17.40
40	5200	17.52	17.52	17.52	17.40
48	5240	17.28	17.40	17.40	17.40
52	5260	17.52	17.40	17.52	17.64
60	5300	17.52	17.52	17.40	17.52
64	5320	17.64	17.52	17.40	17.52
100	5500	17.64	17.52	17.40	17.52
116	5580	17.52	17.40	17.52	17.40
140	5700	17.10	17.16	17.10	17.16
144 (U-NII-2C)	5720	13.76	13.88	13.76	13.76
144 (U-NII-3)	5720	3.64	3.64	3.64	3.64
149	5745	17.48	17.39	17.40	17.40
157	5785	17.52	17.57	17.40	17.31
165	5825	17.28	17.40	17.65	17.31

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	19.32	19.32	19.32	19.32
40	5200	19.44	19.32	19.32	19.32
48	5240	19.32	19.44	19.44	19.20
52	5260	19.20	19.32	19.20	19.44
60	5300	19.44	19.32	19.32	19.32
64	5320	19.32	19.32	19.32	19.44
100	5500	19.32	19.32	19.32	19.32
116	5580	19.32	19.32	19.32	19.32
140	5700	19.20	19.20	19.08	19.08
144 (U-NII-2C)	5720	14.72	14.72	14.72	14.72
144 (U-NII-3)	5720	4.60	4.72	4.60	4.60
149	5745	19.38	19.32	19.44	19.38
157	5785	19.38	19.32	19.44	19.44
165	5825	19.32	19.38	19.44	19.38

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
38	5190	38.16	38.40	38.16	38.40
46	5230	38.16	38.40	38.40	38.16
54	5270	38.40	38.16	38.40	38.16
62	5310	38.16	38.16	38.16	38.16
102	5510	39.36	39.36	39.36	39.12
110	5550	38.26	38.26	38.26	38.26
134	5670	39.36	39.36	39.36	39.12
142 (U-NII-2C)	5710	34.20	34.20	34.20	34.20
142 (U-NII-3)	5710	3.96	3.96	4.20	4.20
151	5755	38.26	38.26	38.26	38.26
159	5795	38.26	38.26	38.26	38.26

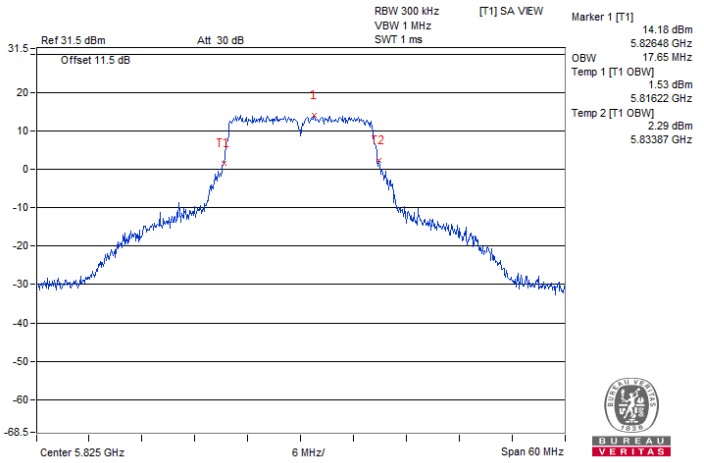
802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42	5210	79.20	79.20	79.20	79.20
58	5290	78.72	78.72	78.72	78.72
106	5530	77.57	77.22	77.57	77.22
122	5610	79.20	79.20	79.20	78.72
138 (U-NII-2C)	5690	73.88	73.88	73.88	73.88
138 (U-NII-3)	5690	3.88	3.88	3.88	3.88
155	5775	77.57	77.57	77.92	77.57

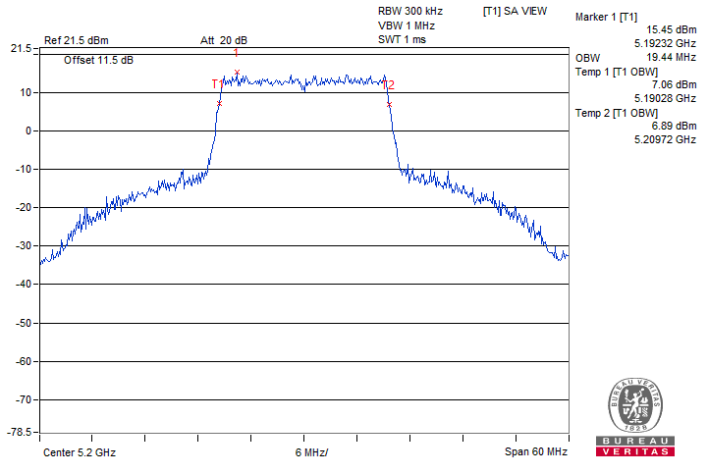
802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
50 (U-NII-1)	5250	78.72	77.76	78.72	78.72
50 (U-NII-2A)	5250	78.72	78.72	78.72	78.72
114	5570	156.48	156.48	156.48	156.48

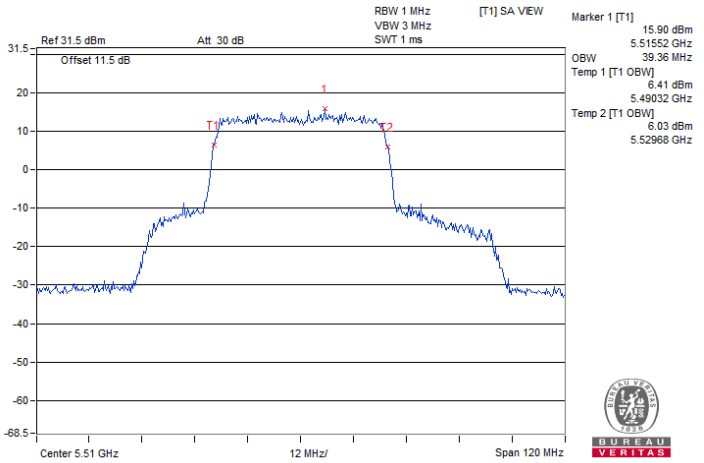
Spectrum Plot of Maximum Value



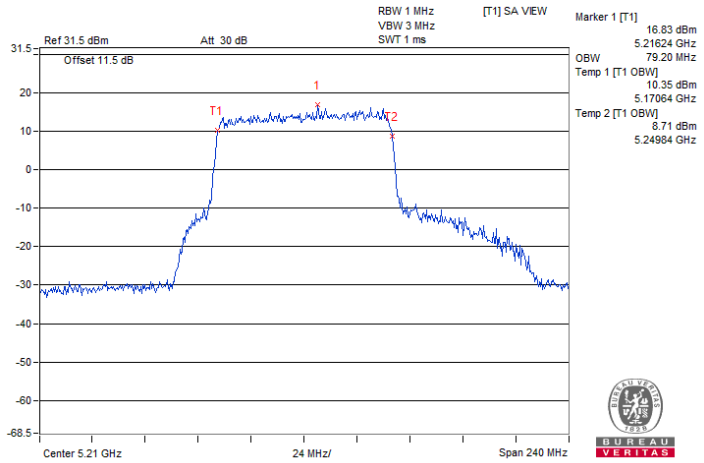
802.11a / Chain 2 : CH 165



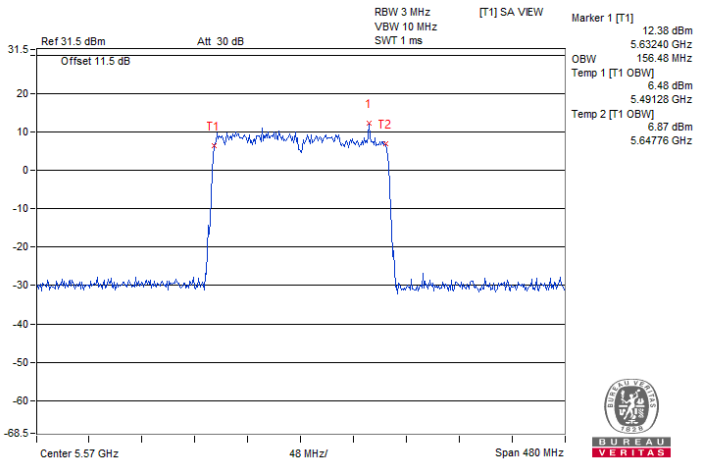
802.11be (EHT20) / Chain 0 : CH 40



802.11be (EHT40) / Chain 0 : CH 102



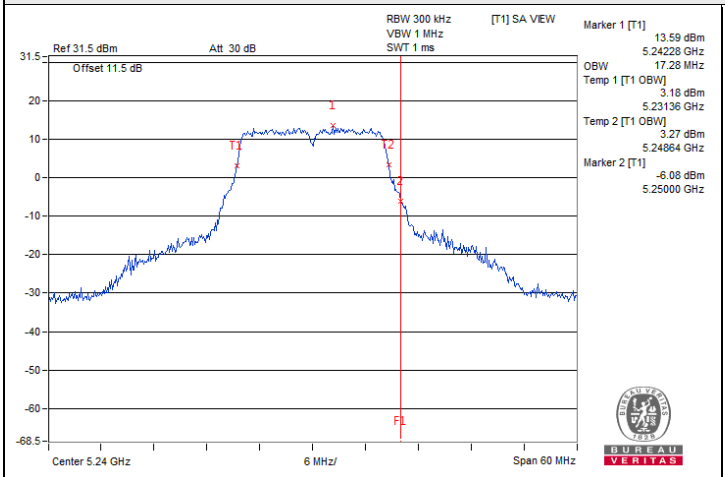
802.11be (EHT80) / Chain 0 : CH 42



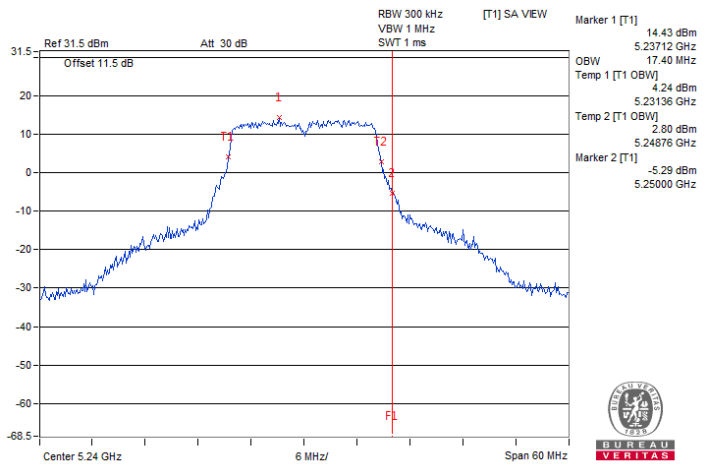
802.11be (EHT160) / Chain 0 : CH 114

Spectrum Plot for nearby DFS band

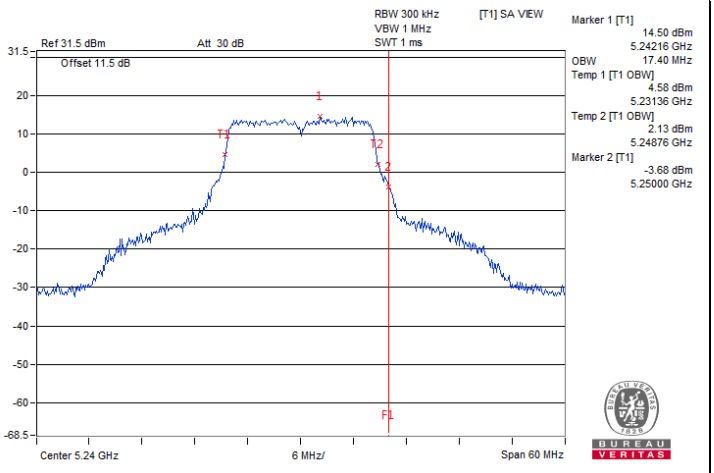
(DFS is required, if 99% OCP straddle into U-NII-2A)



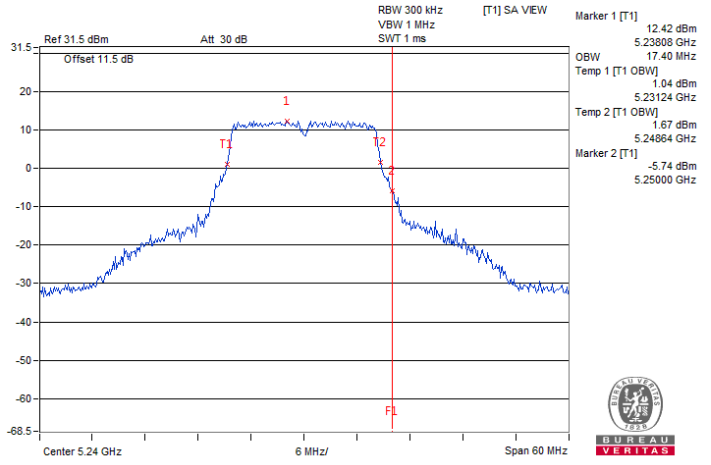
802.11a / Chain 0 : CH 48



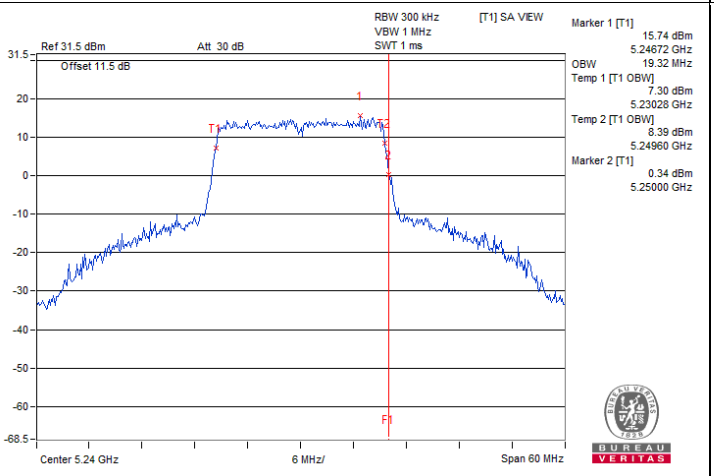
802.11a / Chain 1 : CH 48



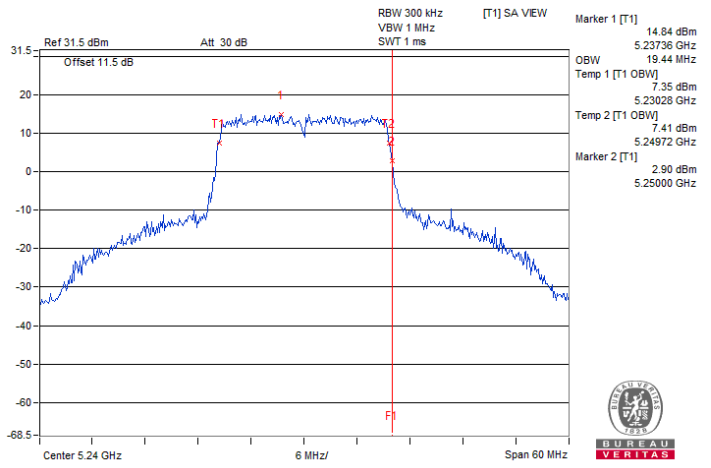
802.11a / Chain 2 : CH 48



802.11a / Chain 3 : CH 48



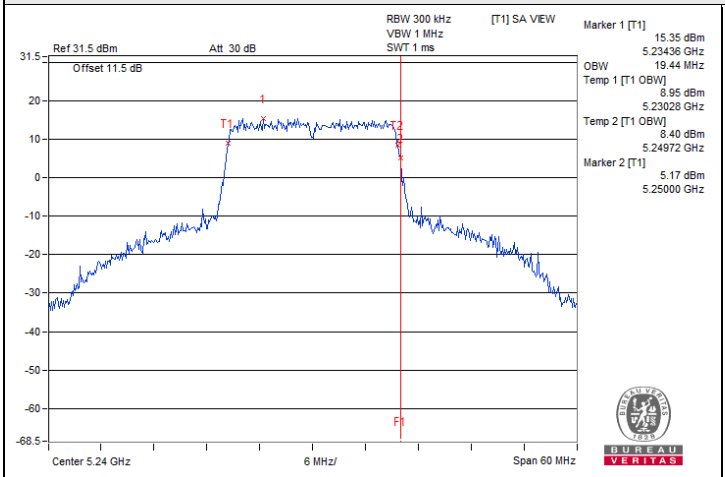
802.11be (EHT20) / Chain 0 : CH 48



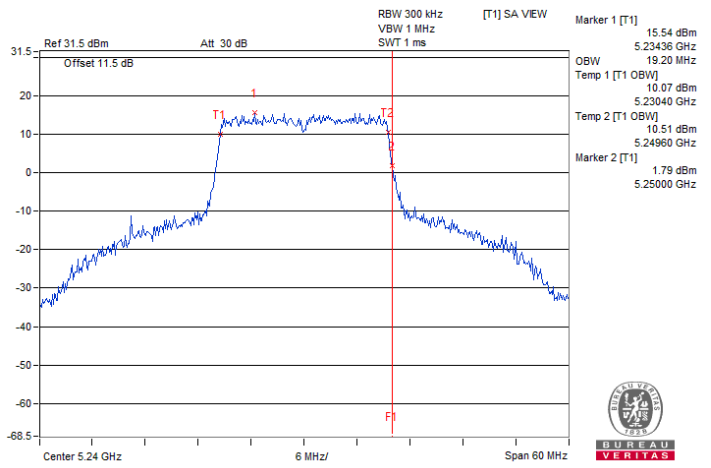
802.11be (EHT20) / Chain 1 : CH 48

Spectrum Plot for nearby DFS band

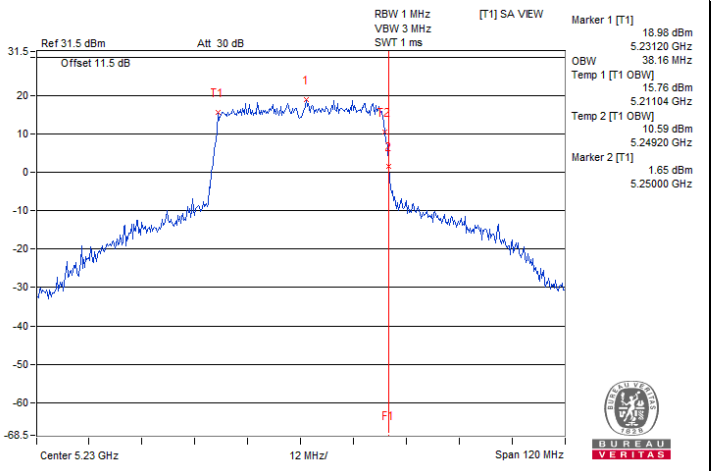
(DFS is required, if 99% OCP straddle into U-NII-2A)



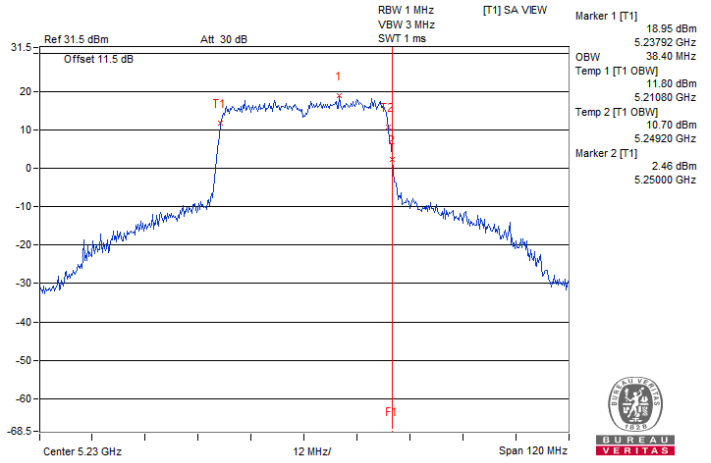
802.11be (EHT20) / Chain 2 : CH 48



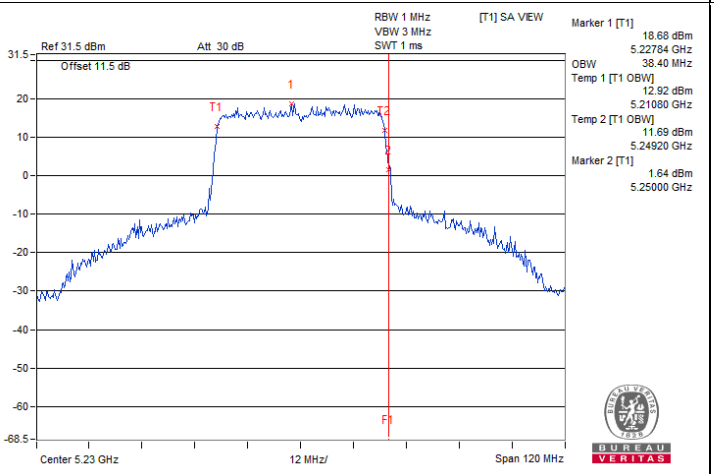
802.11be (EHT20) / Chain 3 : CH 48



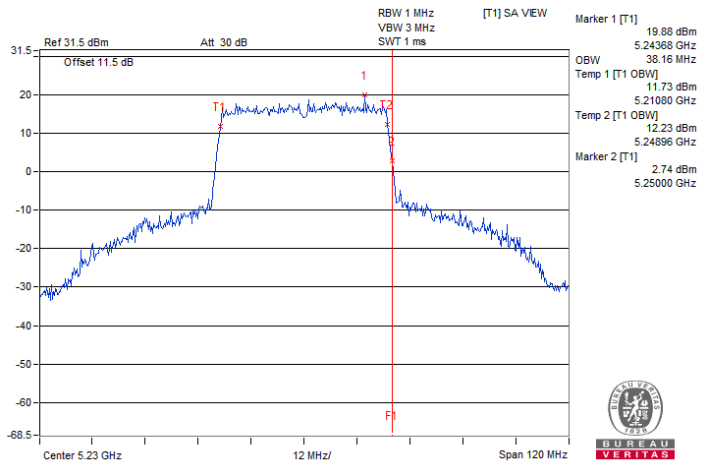
802.11be (EHT40) / Chain 0 : CH 46



802.11be (EHT40) / Chain 1 : CH 46



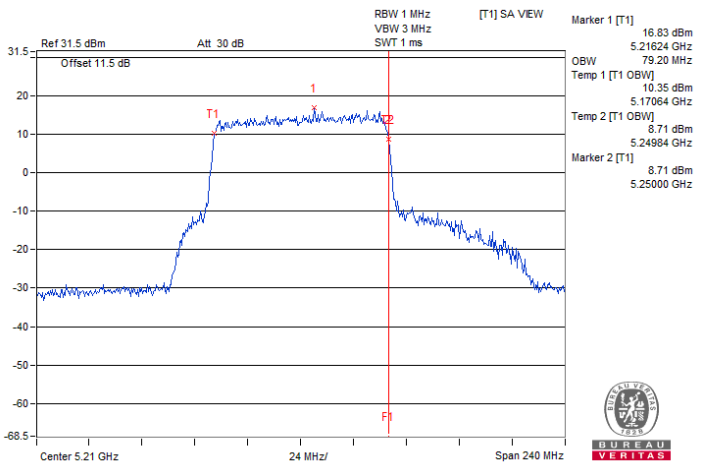
802.11be (EHT40) / Chain 2 : CH 46



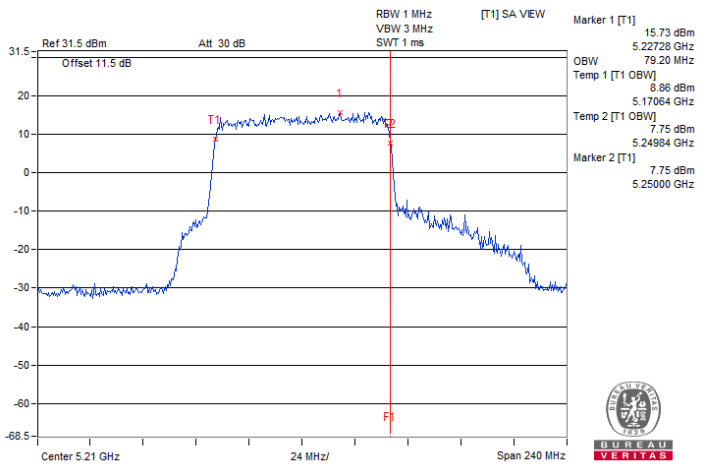
802.11be (EHT40) / Chain 3 : CH 46

Spectrum Plot for nearby DFS band

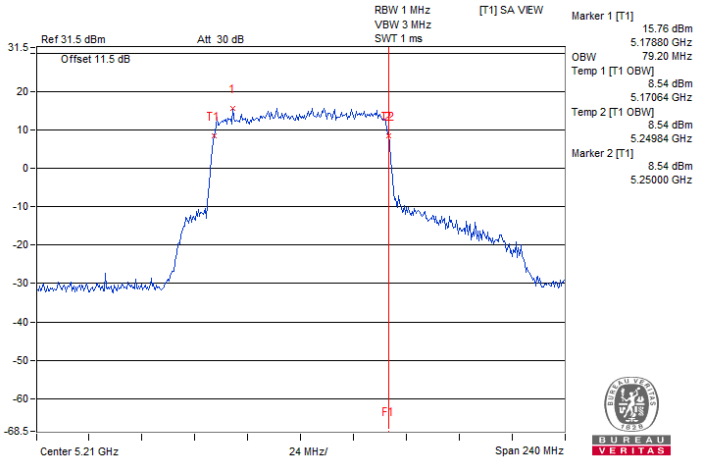
(DFS is required, if 99% OCP straddle into U-NII-2A)



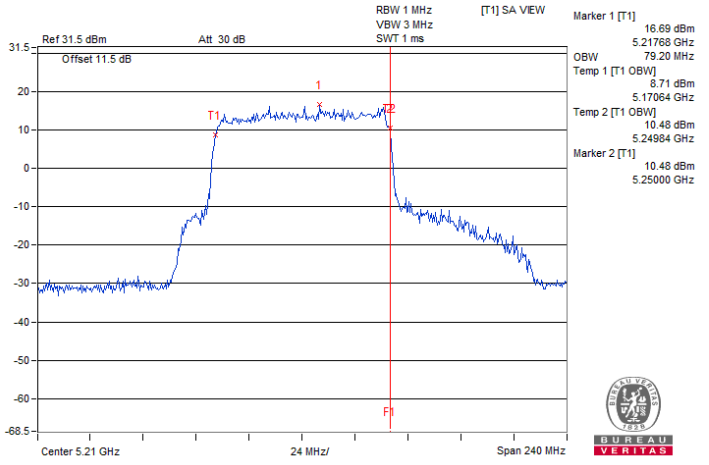
802.11be (EHT80) / Chain 0 : CH 42



802.11be (EHT80) / Chain 1 : CH 42



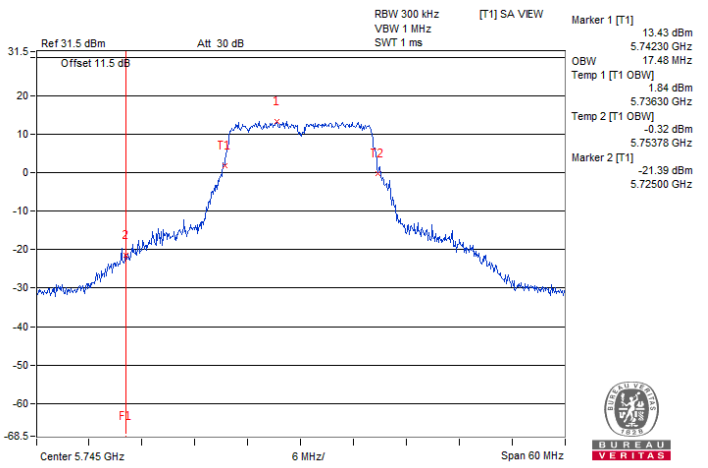
802.11be (EHT80) / Chain 2 : CH 42



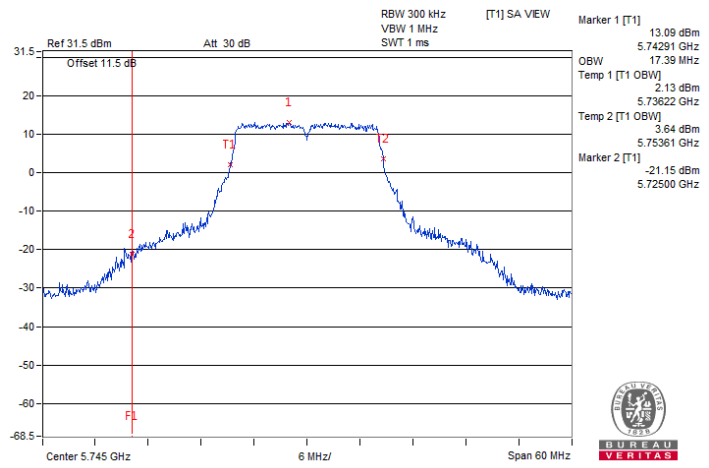
802.11be (EHT80) / Chain 3 : CH 42

Spectrum Plot for nearby DFS band

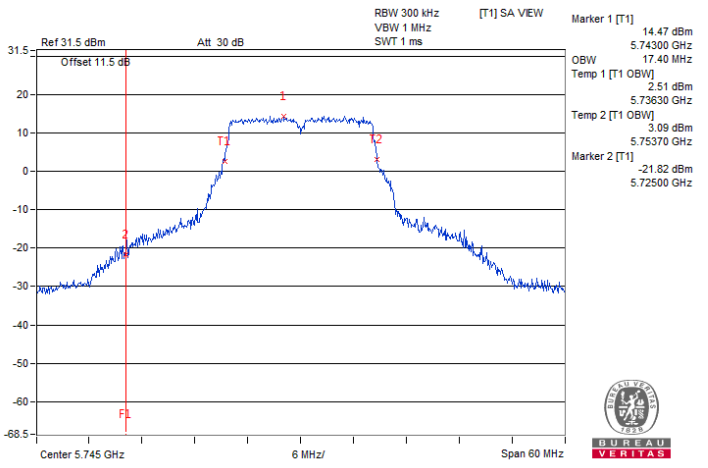
(DFS is required, if 99% OCP straddle into U-NII-2C)



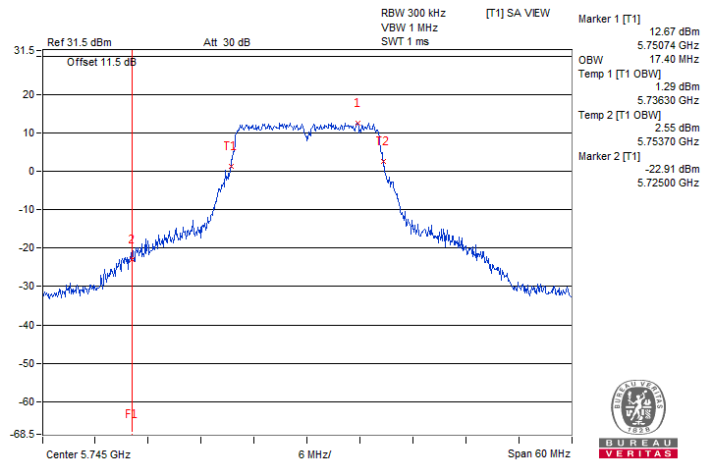
802.11a / Chain 0 : CH 149



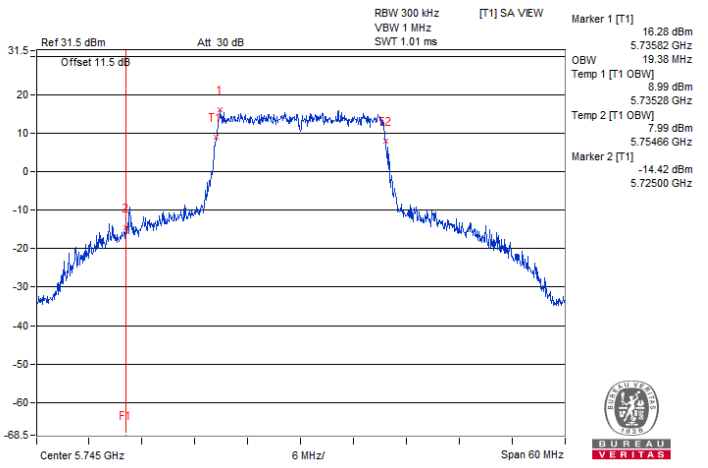
802.11a / Chain 1 : CH 149



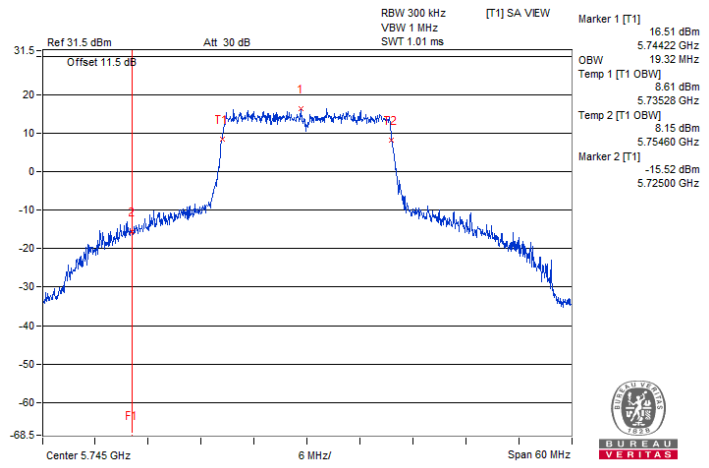
802.11a / Chain 2 : CH 149



802.11a / Chain 3 : CH 149



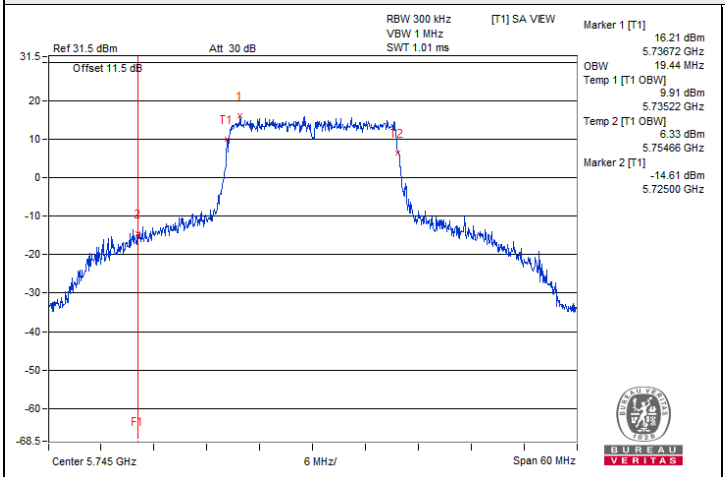
802.11be (EHT20) / Chain 0 : CH 149



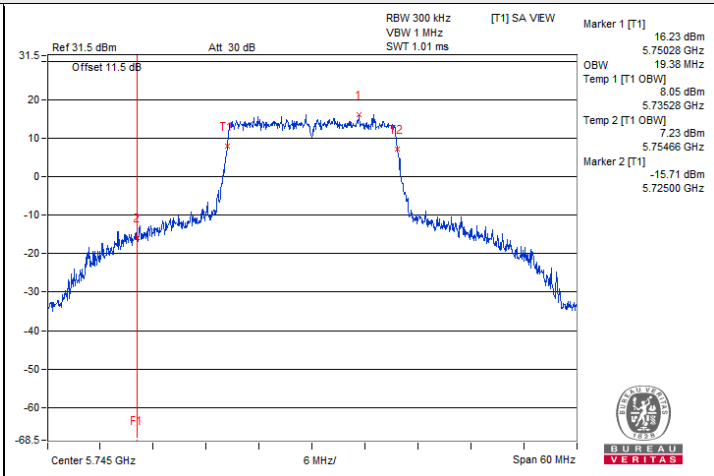
802.11be (EHT20) / Chain 1 : CH 149

Spectrum Plot for nearby DFS band

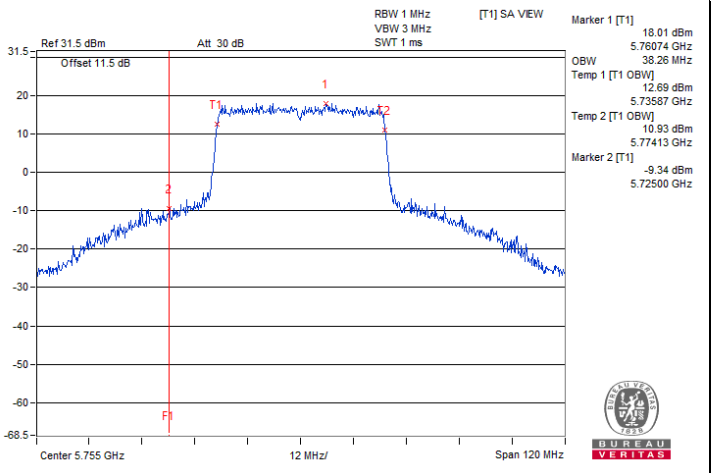
(DFS is required, if 99% OCP straddle into U-NII-2C)



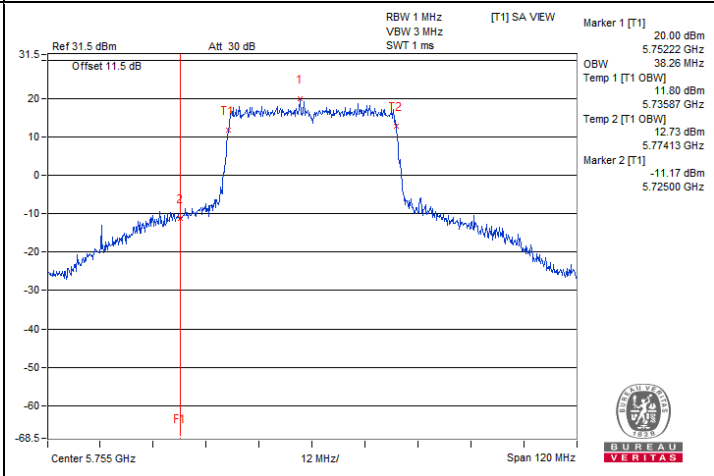
802.11be (EHT20) / Chain 2 : CH 149



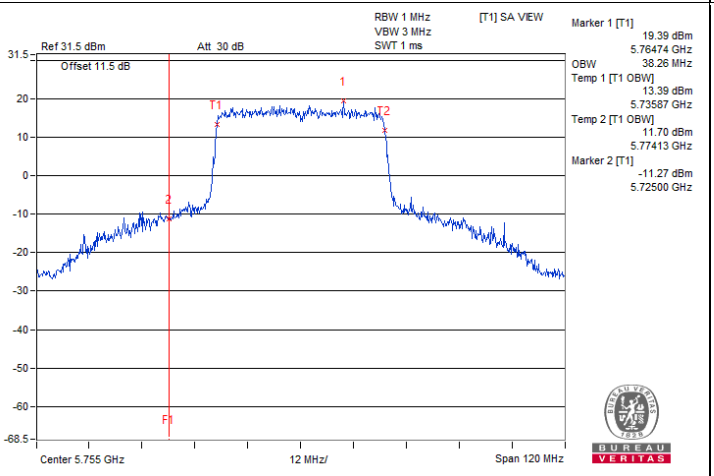
802.11be (EHT20) / Chain 3 : CH 149



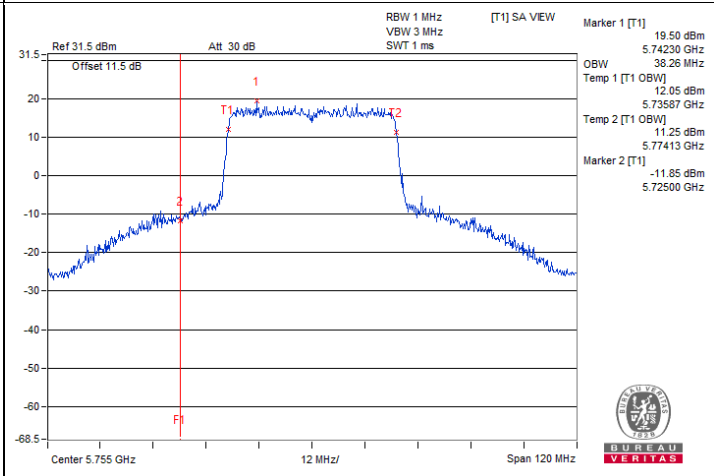
802.11be (EHT40) / Chain 0 : CH 151



802.11be (EHT40) / Chain 1 : CH 151



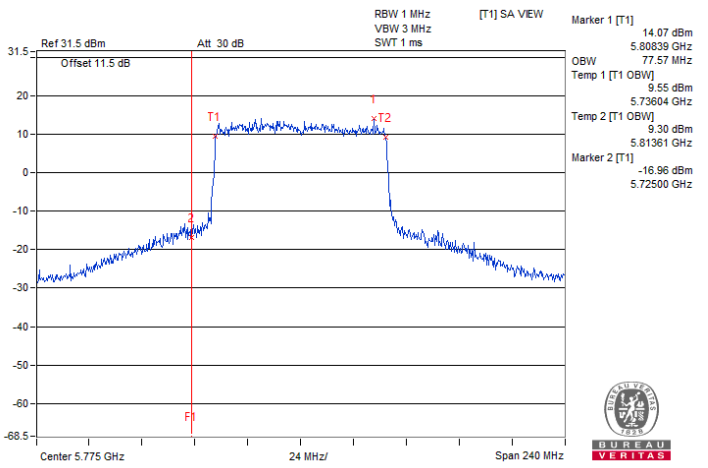
802.11be (EHT40) / Chain 2 : CH 151



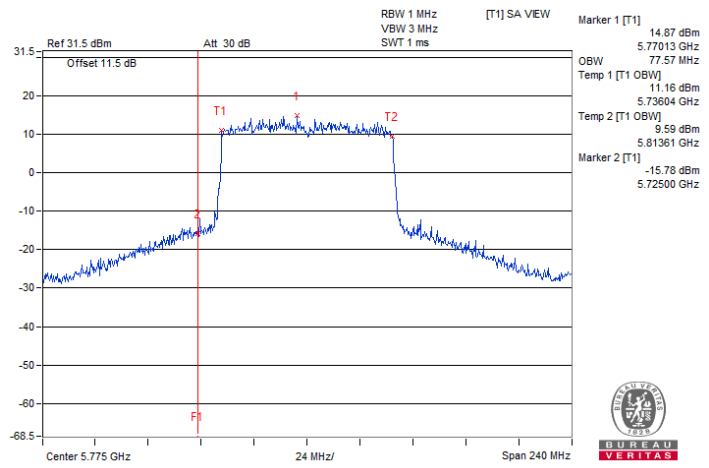
802.11be (EHT40) / Chain 3 : CH 151

Spectrum Plot for nearby DFS band

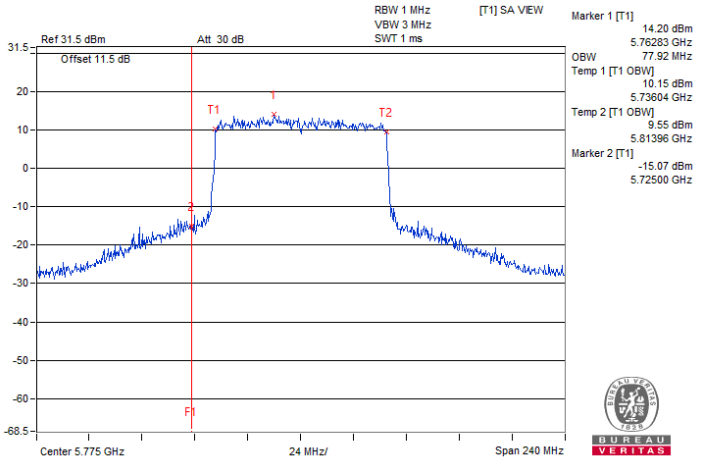
(DFS is required, if 99% OCP straddle into U-NII-2C)



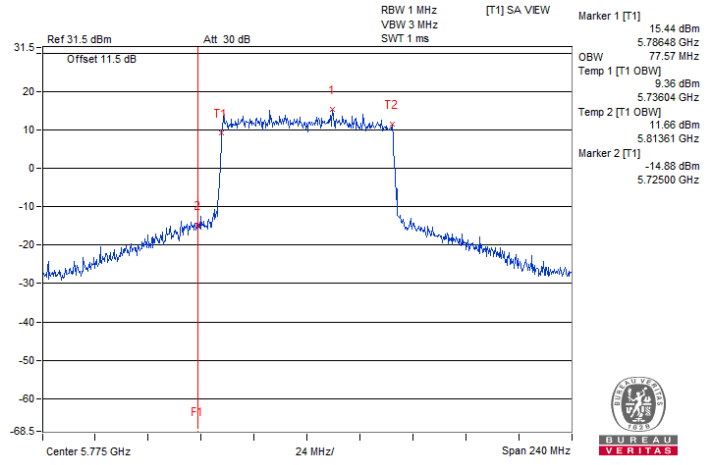
802.11be (EHT80) / Chain 0 : CH 155



802.11be (EHT80) / Chain 1 : CH 155



802.11be (EHT80) / Chain 2 : CH 155



802.11be (EHT80) / Chain 3 : CH 155

7.6 Frequency Stability

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang

Frequency Stability Versus Temperature									
Operating Frequency: 5180 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
40	120	5179.9807	Pass	5179.9795	Pass	5179.9778	Pass	5179.9768	Pass
30	120	5179.9771	Pass	5179.9781	Pass	5179.9764	Pass	5179.9763	Pass
20	120	5180.0246	Pass	5180.0221	Pass	5180.0244	Pass	5180.0256	Pass
10	120	5179.9841	Pass	5179.9806	Pass	5179.9844	Pass	5179.9848	Pass
0	120	5179.9957	Pass	5179.9955	Pass	5179.9949	Pass	5179.9967	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	138	5180.0229	Pass	5180.0199	Pass	5180.0223	Pass	5180.0229	Pass
	120	5180.0246	Pass	5180.0221	Pass	5180.0244	Pass	5180.0256	Pass
	102	5180.0314	Pass	5180.0265	Pass	5180.028	Pass	5180.0301	Pass

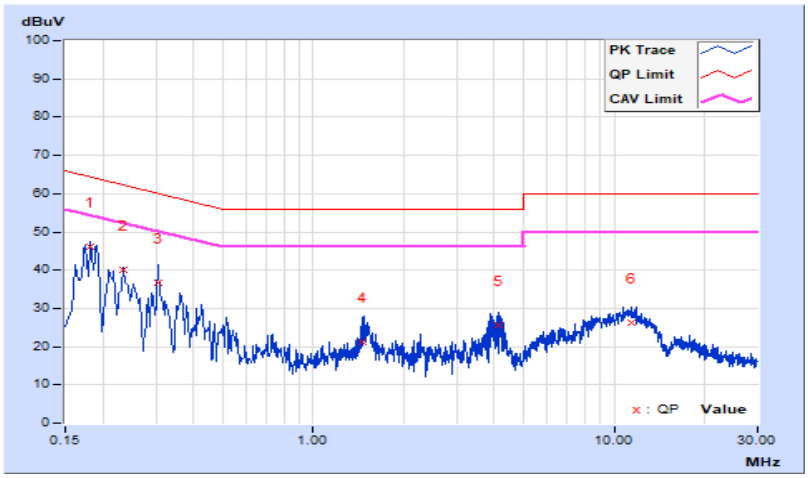
7.7 AC Power Conducted Emissions

RF Mode	802.11be (EHT40)	**Channel**	CH 151：5755 MHz
Frequency Range	150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	**0.18200**	**9.72**	**36.30**	**26.72**	**46.02**	**36.44**	**64.39**	**54.39**	**-18.37**	**-17.95**
2	0.23400	9.74	30.24	19.69	39.98	29.43	62.31	52.31	-22.33	-22.88
3	0.30600	9.78	27.03	15.43	36.81	25.21	60.08	50.08	-23.27	-24.87
4	1.45800	9.92	11.42	3.02	21.34	12.94	56.00	46.00	-34.66	-33.06
5	4.13800	10.03	15.44	3.00	25.47	13.03	56.00	46.00	-30.53	-32.97
6	11.36600	10.18	16.24	9.84	26.42	20.02	60.00	50.00	-33.58	-29.98

Remarks:

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

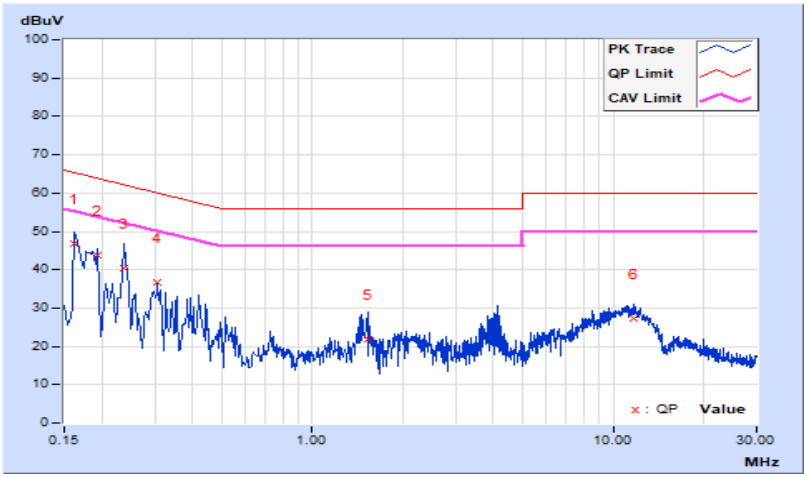


RF Mode	802.11be (EHT40)	Channel	CH 151：5755 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Adair Peng		

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	0.16200	9.69	37.17	19.58	46.86	29.27	65.36	55.36	-18.50	-26.09
2	0.19400	9.71	33.98	21.37	43.69	31.08	63.86	53.86	-20.17	-22.78
3	0.23800	9.74	30.76	20.14	40.50	29.88	62.17	52.17	-21.67	-22.29
4	0.30600	9.79	26.81	15.42	36.60	25.21	60.08	50.08	-23.48	-24.87
5	1.52600	9.95	12.03	4.86	21.98	14.81	56.00	46.00	-34.02	-31.19
6	11.67000	10.28	16.98	10.79	27.26	21.07	60.00	50.00	-32.74	-28.93

Remarks:

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



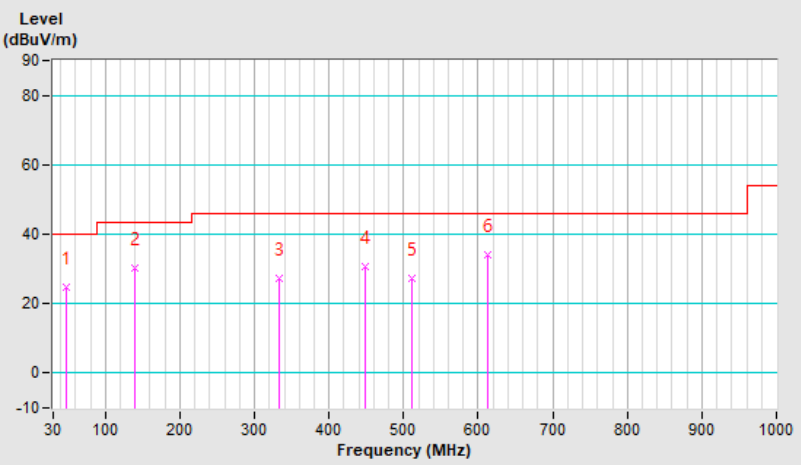
7.8 Unwanted Emissions below 1 GHz

RF Mode	802.11be (EHT40)	**Channel**	CH 151：5755 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 66 % 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	48.43	24.7 QP	40.0	-15.3	1.00 H	275	33.3	-8.6
2	139.61	30.1 QP	43.5	-13.4	1.50 H	255	39.3	-9.2
3	332.64	27.1 QP	46.0	-18.9	1.00 H	240	33.9	-6.8
4	449.04	30.6 QP	46.0	-15.4	1.50 H	243	35.2	-4.6
5	510.15	27.4 QP	46.0	-18.6	1.50 H	28	30.9	-3.5
6	612.97	34.0 QP	46.0	-12.0	1.00 H	198	34.9	-0.9

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 of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

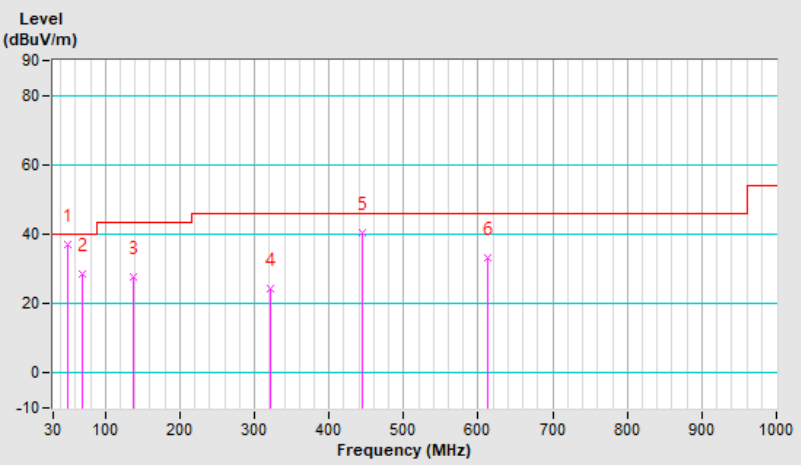


RF Mode	802.11be (EHT40)	**Channel**	CH 151：5755 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 66 % RH
Tested By	Luis Lee		

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	**49.40**	**37.0 QP**	**40.0**	**-3.0**	**1.00 V**	**257**	**45.6**	**-8.6**
2	69.77	28.5 QP	40.0	-11.5	1.00 V	220	39.2	-10.7
3	137.67	27.7 QP	43.5	-15.8	1.50 V	257	37.0	-9.3
4	321.97	24.4 QP	46.0	-21.6	1.50 V	180	31.3	-6.9
5	445.16	40.4 QP	46.0	-5.6	1.50 V	325	45.1	-4.7
6	612.00	33.3 QP	46.0	-12.7	1.00 V	174	34.2	-0.9

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 of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.9 Unwanted Emissions above 1 GHz

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	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	5138.90	62.3 PK	74.0	-11.7	1.41 H	215	49.2	13.1
2	5138.90	48.7 AV	54.0	-5.3	1.41 H	215	35.6	13.1
3	*5180.00	117.6 PK			1.41 H	215	74.2	43.4
4	*5180.00	108.3 AV			1.41 H	215	64.9	43.4
5	#10360.00	59.7 PK	68.2	-8.5	1.72 H	264	38.0	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	5142.50	69.2 PK	74.0	-4.8	2.05 V	235	56.1	13.1
2	5142.50	52.1 AV	54.0	-1.9	2.05 V	235	39.0	13.1
3	*5180.00	123.6 PK			2.05 V	235	80.2	43.4
4	*5180.00	113.9 AV			2.05 V	235	70.5	43.4
5	#10360.00	60.5 PK	68.2	-7.7	2.33 V	189	38.8	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	802.11a	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	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	*5200.00	118.1 PK			1.40 H	211	74.8	43.3
2	*5200.00	108.4 AV			1.40 H	211	65.1	43.3
3	#10400.00	59.9 PK	68.2	-8.3	1.68 H	259	38.1	21.8
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	*5200.00	124.2 PK			1.97 V	236	80.9	43.3
2	*5200.00	114.6 AV			1.97 V	236	71.3	43.3
3	#10400.00	60.5 PK	68.2	-7.7	2.36 V	188	38.7	21.8

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 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	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	*5240.00	118.7 PK			1.45 H	213	75.5	43.2
2	*5240.00	108.7 AV			1.45 H	213	65.5	43.2
3	5350.00	60.9 PK	74.0	-13.1	1.45 H	213	47.8	13.1
4	5350.00	48.0 AV	54.0	-6.0	1.45 H	213	34.9	13.1
5	#10480.00	60.0 PK	68.2	-8.2	1.77 H	259	38.0	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	*5240.00	124.7 PK			2.00 V	236	81.5	43.2
2	*5240.00	115.0 AV			2.00 V	236	71.8	43.2
3	5350.00	61.3 PK	74.0	-12.7	2.00 V	236	48.2	13.1
4	5350.00	48.7 AV	54.0	-5.3	2.00 V	236	35.6	13.1
5	#10480.00	60.7 PK	68.2	-7.5	2.36 V	188	38.7	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 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	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	5146.30	64.3 PK	74.0	-9.7	1.43 H	218	51.2	13.1
2	5146.30	50.2 AV	54.0	-3.8	1.43 H	218	37.1	13.1
3	*5180.00	118.1 PK			1.43 H	218	74.7	43.4
4	*5180.00	105.9 AV			1.43 H	218	62.5	43.4
5	#10360.00	59.6 PK	68.2	-8.6	1.70 H	258	37.9	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	5146.30	66.9 PK	74.0	-7.1	2.01 V	215	53.8	13.1
2	5146.30	53.8 AV	54.0	-0.2	2.01 V	215	40.7	13.1
3	*5180.00	124.0 PK			2.01 V	215	80.6	43.4
4	*5180.00	111.7 AV			2.01 V	215	68.3	43.4
5	#10360.00	60.6 PK	68.2	-7.6	2.25 V	182	38.9	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 (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	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	*5200.00	119.6 PK			1.40 H	211	76.3	43.3
2	*5200.00	106.7 AV			1.40 H	211	63.4	43.3
3	#10400.00	59.7 PK	68.2	-8.5	1.78 H	253	37.9	21.8
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	*5200.00	125.6 PK			1.99 V	210	82.3	43.3
2	*5200.00	113.4 AV			1.99 V	210	70.1	43.3
3	#10400.00	60.6 PK	68.2	-7.6	2.31 V	190	38.8	21.8

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 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	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	*5240.00	119.4 PK			1.44 H	218	76.2	43.2
2	*5240.00	106.8 AV			1.44 H	218	63.6	43.2
3	5350.00	61.0 PK	74.0	-13.0	1.44 H	218	47.9	13.1
4	5350.00	47.9 AV	54.0	-6.1	1.44 H	218	34.8	13.1
5	#10480.00	59.9 PK	68.2	-8.3	1.77 H	261	37.9	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	*5240.00	125.1 PK			2.01 V	209	81.9	43.2
2	*5240.00	113.2 AV			2.01 V	209	70.0	43.2
3	5350.00	61.4 PK	74.0	-12.6	2.01 V	209	48.3	13.1
4	5350.00	48.6 AV	54.0	-5.4	2.01 V	209	35.5	13.1
5	#10480.00	60.8 PK	68.2	-7.4	2.39 V	189	38.8	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.
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	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	5146.20	62.6 PK	74.0	-11.4	1.47 H	211	49.5	13.1
2	5146.20	49.9 AV	54.0	-4.1	1.47 H	211	36.8	13.1
3	*5190.00	112.9 PK			1.47 H	211	69.6	43.3
4	*5190.00	100.3 AV			1.47 H	211	57.0	43.3
5	#10380.00	59.7 PK	68.2	-8.5	1.69 H	258	38.0	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	5146.30	68.9 PK	74.0	-5.1	2.00 V	218	55.8	13.1
2	**5146.30**	**53.9 AV**	**54.0**	**-0.1**	**2.00 V**	**218**	**40.8**	**13.1**
3	*5190.00	120.5 PK			2.00 V	218	77.2	43.3
4	*5190.00	108.8 AV			2.00 V	218	65.5	43.3
5	#10380.00	60.4 PK	68.2	-7.8	2.40 V	182	38.7	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 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	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	5146.20	65.6 PK	74.0	-8.4	1.45 H	211	52.5	13.1
2	5146.20	48.8 AV	54.0	-5.2	1.45 H	211	35.7	13.1
3	*5230.00	117.0 PK			1.45 H	211	73.8	43.2
4	*5230.00	104.1 AV			1.45 H	211	60.9	43.2
5	5350.00	61.0 PK	74.0	-13.0	1.45 H	211	47.9	13.1
6	5350.00	47.9 AV	54.0	-6.1	1.45 H	211	34.8	13.1
7	#10460.00	59.7 PK	68.2	-8.5	1.78 H	269	37.8	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	5145.80	67.3 PK	74.0	-6.7	1.95 V	210	54.2	13.1
2	5145.80	51.9 AV	54.0	-2.1	1.95 V	210	38.8	13.1
3	*5230.00	123.9 PK			1.95 V	210	80.7	43.2
4	*5230.00	111.5 AV			1.95 V	210	68.3	43.2
5	5350.00	61.3 PK	74.0	-12.7	1.95 V	210	48.2	13.1
6	5350.00	48.7 AV	54.0	-5.3	1.95 V	210	35.6	13.1
7	#10460.00	60.6 PK	68.2	-7.6	2.39 V	185	38.7	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 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	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	5145.70	62.1 PK	74.0	-11.9	1.45 H	218	49.0	13.1
2	5145.70	50.5 AV	54.0	-3.5	1.45 H	218	37.4	13.1
3	*5210.00	111.5 PK			1.45 H	218	68.2	43.3
4	*5210.00	98.8 AV			1.45 H	218	55.5	43.3
5	#10420.00	59.8 PK	68.2	-8.4	1.66 H	252	37.9	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	5145.80	66.8 PK	74.0	-7.2	1.94 V	211	53.7	13.1
2	5145.80	53.7 AV	54.0	-0.3	1.94 V	211	40.6	13.1
3	*5210.00	117.7 PK			1.94 V	211	74.4	43.3
4	*5210.00	105.1 AV			1.94 V	211	61.8	43.3
5	#10420.00	60.6 PK	68.2	-7.6	2.33 V	192	38.7	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	802.11a	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	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.6 PK	74.0	-13.4	1.35 H	214	47.5	13.1
2	5150.00	47.5 AV	54.0	-6.5	1.35 H	214	34.4	13.1
3	*5260.00	113.2 PK			1.35 H	214	69.9	43.3
4	*5260.00	103.5 AV			1.35 H	214	60.2	43.3
5	#10520.00	60.3 PK	68.2	-7.9	1.88 H	275	38.3	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	5150.00	60.9 PK	74.0	-13.1	1.60 V	137	47.8	13.1
2	5150.00	47.7 AV	54.0	-6.3	1.60 V	137	34.6	13.1
3	*5260.00	118.2 PK			1.60 V	137	74.9	43.3
4	*5260.00	109.0 AV			1.60 V	137	65.7	43.3
5	#10520.00	60.6 PK	68.2	-7.6	2.21 V	195	38.6	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 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	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	113.3 PK			1.37 H	214	70.0	43.3
2	*5300.00	103.7 AV			1.37 H	214	60.4	43.3
3	10600.00	60.5 PK	74.0	-13.5	1.88 H	282	38.4	22.1
4	10600.00	48.1 AV	54.0	-5.9	1.88 H	282	26.0	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	*5300.00	117.9 PK			1.56 V	137	74.6	43.3
2	*5300.00	108.4 AV			1.56 V	137	65.1	43.3
3	10600.00	60.7 PK	74.0	-13.3	2.28 V	192	38.6	22.1
4	10600.00	48.3 AV	54.0	-5.7	2.28 V	192	26.2	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.

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	TitanHSU		

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	112.5 PK			1.34 H	213	69.0	43.5
2	*5320.00	103.0 AV			1.34 H	213	59.5	43.5
3	5350.00	60.8 PK	74.0	-13.2	1.34 H	213	47.7	13.1
4	5350.00	47.5 AV	54.0	-6.5	1.34 H	213	34.4	13.1
5	10640.00	60.7 PK	74.0	-13.3	1.85 H	277	38.2	22.5
6	10640.00	48.4 AV	54.0	-5.6	1.85 H	277	25.9	22.5
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	117.7 PK			1.49 V	137	74.2	43.5
2	*5320.00	108.3 AV			1.49 V	137	64.8	43.5
3	5350.00	61.1 PK	74.0	-12.9	1.49 V	137	48.0	13.1
4	5350.00	47.7 AV	54.0	-6.3	1.49 V	137	34.6	13.1
5	10640.00	61.0 PK	74.0	-13.0	2.29 V	185	38.5	22.5
6	10640.00	48.6 AV	54.0	-5.4	2.29 V	185	26.1	22.5

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 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	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.7 PK	74.0	-13.3	1.35 H	200	47.6	13.1
2	5150.00	47.3 AV	54.0	-6.7	1.35 H	200	34.2	13.1
3	*5260.00	113.5 PK			1.35 H	200	70.2	43.3
4	*5260.00	101.7 AV			1.35 H	200	58.4	43.3
5	#10520.00	60.2 PK	68.2	-8.0	1.85 H	281	38.2	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	5150.00	61.1 PK	74.0	-12.9	1.54 V	159	48.0	13.1
2	5150.00	47.6 AV	54.0	-6.4	1.54 V	159	34.5	13.1
3	*5260.00	119.0 PK			1.54 V	159	75.7	43.3
4	*5260.00	106.5 AV			1.54 V	159	63.2	43.3
5	#10520.00	60.5 PK	68.2	-7.7	2.21 V	187	38.5	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 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	TitanHSU		

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	112.8 PK			1.52 H	202	69.5	43.3
2	*5300.00	100.8 AV			1.52 H	202	57.5	43.3
3	10600.00	60.3 PK	74.0	-13.7	1.75 H	269	38.2	22.1
4	10600.00	47.8 AV	54.0	-6.2	1.75 H	269	25.7	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	*5300.00	118.6 PK			1.54 V	157	75.3	43.3
2	*5300.00	106.2 AV			1.54 V	157	62.9	43.3
3	10600.00	60.7 PK	74.0	-13.3	2.21 V	182	38.6	22.1
4	10600.00	48.2 AV	54.0	-5.8	2.21 V	182	26.1	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.

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	TitanHSU		

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	113.1 PK			1.49 H	203	69.6	43.5
2	*5320.00	101.4 AV			1.49 H	203	57.9	43.5
3	5350.00	60.6 PK	74.0	-13.4	1.49 H	203	47.5	13.1
4	5350.00	47.4 AV	54.0	-6.6	1.49 H	203	34.3	13.1
5	10640.00	60.7 PK	74.0	-13.3	1.87 H	282	38.2	22.5
6	10640.00	48.2 AV	54.0	-5.8	1.87 H	282	25.7	22.5
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	118.7 PK			1.48 V	156	75.2	43.5
2	*5320.00	106.4 AV			1.48 V	156	62.9	43.5
3	5350.00	61.3 PK	74.0	-12.7	1.48 V	156	48.2	13.1
4	5350.00	48.5 AV	54.0	-5.5	1.48 V	156	35.4	13.1
5	10640.00	61.0 PK	74.0	-13.0	2.21 V	188	38.5	22.5
6	10640.00	48.5 AV	54.0	-5.5	2.21 V	188	26.0	22.5

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 (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	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.7 PK	74.0	-13.3	1.36 H	198	47.6	13.1
2	5150.00	47.5 AV	54.0	-6.5	1.36 H	198	34.4	13.1
3	*5270.00	110.7 PK			1.36 H	198	67.4	43.3
4	*5270.00	98.5 AV			1.36 H	198	55.2	43.3
5	#10540.00	60.3 PK	68.2	-7.9	1.92 H	278	38.2	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	5150.00	60.9 PK	74.0	-13.1	1.51 V	153	47.8	13.1
2	5150.00	47.7 AV	54.0	-6.3	1.51 V	153	34.6	13.1
3	*5270.00	116.3 PK			1.51 V	153	73.0	43.3
4	*5270.00	103.9 AV			1.51 V	153	60.6	43.3
5	#10540.00	60.6 PK	68.2	-7.6	2.06 V	192	38.5	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 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	TitanHSU		

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	111.0 PK			1.34 H	198	67.7	43.3
2	*5310.00	98.2 AV			1.34 H	198	54.9	43.3
3	5350.00	61.1 PK	74.0	-12.9	1.34 H	198	48.0	13.1
4	5350.00	48.3 AV	54.0	-5.7	1.34 H	198	35.2	13.1
5	10620.00	60.4 PK	74.0	-13.6	1.85 H	275	38.2	22.2
6	10620.00	47.9 AV	54.0	-6.1	1.85 H	275	25.7	22.2
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	*5310.00	116.2 PK			1.58 V	157	72.9	43.3
2	*5310.00	103.8 AV			1.58 V	157	60.5	43.3
3	5350.00	65.2 PK	74.0	-8.8	1.58 V	157	52.1	13.1
4	5350.00	50.7 AV	54.0	-3.3	1.58 V	157	37.6	13.1
5	10620.00	60.7 PK	74.0	-13.3	2.21 V	182	38.5	22.2
6	10620.00	48.1 AV	54.0	-5.9	2.21 V	182	25.9	22.2

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 (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	TitanHSU		

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	108.0 PK			1.32 H	199	64.7	43.3
2	*5290.00	95.4 AV			1.32 H	199	52.1	43.3
3	5350.00	62.1 PK	74.0	-11.9	1.32 H	199	49.0	13.1
4	5350.00	49.3 AV	54.0	-4.7	1.32 H	199	36.2	13.1
5	#10580.00	60.3 PK	68.2	-7.9	1.82 H	288	38.2	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	*5290.00	113.5 PK			1.56 V	159	70.2	43.3
2	*5290.00	100.9 AV			1.56 V	159	57.6	43.3
3	5350.00	63.4 PK	74.0	-10.6	1.56 V	159	50.3	13.1
4	5350.00	51.0 AV	54.0	-3.0	1.56 V	159	37.9	13.1
5	#10580.00	60.5 PK	68.2	-7.7	2.05 V	185	38.4	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	802.11be (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	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	5142.80	62.0 PK	74.0	-12.0	1.26 H	25	48.9	13.1
2	5142.80	49.2 AV	54.0	-4.8	1.26 H	25	36.1	13.1
3	*5250.00	106.9 PK			1.26 H	25	63.7	43.2
4	*5250.00	94.1 AV			1.26 H	25	50.9	43.2
5	5353.10	62.4 PK	74.0	-11.6	1.26 H	25	49.3	13.1
6	5353.10	48.8 AV	54.0	-5.2	1.26 H	25	35.7	13.1
7	#10500.00	59.9 PK	68.2	-8.3	1.82 H	290	37.9	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	5142.80	66.4 PK	74.0	-7.6	1.39 V	315	53.3	13.1
2	5142.80	53.6 AV	54.0	-0.4	1.39 V	315	40.5	13.1
3	*5250.00	112.9 PK			1.39 V	318	69.7	43.2
4	*5250.00	100.4 AV			1.39 V	318	57.2	43.2
5	5353.10	68.8 PK	74.0	-5.2	1.39 V	318	55.7	13.1
6	5353.10	52.5 AV	54.0	-1.5	1.39 V	318	39.4	13.1
7	#10500.00	60.7 PK	68.2	-7.5	2.26 V	196	38.7	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 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	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	5460.00	60.6 PK	74.0	-13.4	1.32 H	34	47.4	13.2
2	5460.00	48.0 AV	54.0	-6.0	1.32 H	34	34.8	13.2
3	#5470.00	61.5 PK	68.2	-6.7	1.32 H	34	48.2	13.3
4	*5500.00	112.3 PK			1.32 H	34	68.4	43.9
5	*5500.00	103.1 AV			1.32 H	34	59.2	43.9
6	11000.00	60.7 PK	74.0	-13.3	1.89 H	292	38.0	22.7
7	11000.00	49.5 AV	54.0	-4.5	1.89 H	292	26.8	22.7
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	60.8 PK	74.0	-13.2	1.31 V	321	47.6	13.2
2	5460.00	48.3 AV	54.0	-5.7	1.31 V	321	35.1	13.2
3	#5470.00	61.8 PK	68.2	-6.4	1.31 V	321	48.5	13.3
4	*5500.00	118.3 PK			1.31 V	321	74.4	43.9
5	*5500.00	108.7 AV			1.31 V	321	64.8	43.9
6	11000.00	61.5 PK	74.0	-12.5	2.16 V	185	38.8	22.7
7	11000.00	50.0 AV	54.0	-4.0	2.16 V	185	27.3	22.7

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	802.11a	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	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	*5580.00	112.2 PK			1.33 H	39	68.4	43.8
2	*5580.00	102.1 AV			1.33 H	39	58.3	43.8
3	11160.00	60.7 PK	74.0	-13.3	1.90 H	288	37.9	22.8
4	11160.00	49.6 AV	54.0	-4.4	1.90 H	288	26.8	22.8
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	*5580.00	117.5 PK			1.47 V	135	73.7	43.8
2	*5580.00	108.2 AV			1.47 V	135	64.4	43.8
3	11160.00	61.6 PK	74.0	-12.4	1.47 V	135	38.8	22.8
4	11160.00	50.3 AV	54.0	-3.7	1.47 V	135	27.5	22.8

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.

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	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	*5700.00	111.5 PK			1.33 H	39	67.2	44.3
2	*5700.00	101.5 AV			1.33 H	39	57.2	44.3
3	#5725.00	61.6 PK	68.2	-6.6	1.33 H	39	47.9	13.7
4	11400.00	61.5 PK	74.0	-12.5	1.94 H	287	37.9	23.6
5	11400.00	50.4 AV	54.0	-3.6	1.94 H	287	26.8	23.6
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	*5700.00	118.4 PK			1.27 V	135	74.1	44.3
2	*5700.00	108.8 AV			1.27 V	135	64.5	44.3
3	#5725.00	62.2 PK	68.2	-6.0	1.27 V	135	48.5	13.7
4	11400.00	62.3 PK	74.0	-11.7	2.11 V	186	38.7	23.6
5	11400.00	51.0 AV	54.0	-3.0	2.11 V	186	27.4	23.6

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 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	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	#5470.00	61.3 PK	68.2	-6.9	1.33 H	29	48.0	13.3
2	*5720.00	112.6 PK			1.33 H	29	68.2	44.4
3	*5720.00	102.2 AV			1.33 H	29	57.8	44.4
4	#5850.00	61.7 PK	68.2	-6.5	1.33 H	29	47.9	13.8
5	11440.00	61.4 PK	74.0	-12.6	1.90 H	289	37.9	23.5
6	11440.00	50.2 AV	54.0	-3.8	1.90 H	289	26.7	23.5
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	#5470.00	61.9 PK	68.2	-6.3	1.32 V	146	48.6	13.3
2	*5720.00	118.6 PK			1.32 V	146	74.2	44.4
3	*5720.00	108.8 AV			1.32 V	146	64.4	44.4
4	#5850.00	62.5 PK	68.2	-5.7	1.32 V	146	48.7	13.8
5	11440.00	62.2 PK	74.0	-11.8	2.18 V	196	38.7	23.5
6	11440.00	50.9 AV	54.0	-3.1	2.18 V	196	27.4	23.5

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 (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	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	5460.00	60.7 PK	74.0	-13.3	1.30 H	37	47.5	13.2
2	5460.00	48.0 AV	54.0	-6.0	1.30 H	37	34.8	13.2
3	#5470.00	61.4 PK	68.2	-6.8	1.30 H	37	48.1	13.3
4	*5500.00	113.8 PK			1.30 H	37	69.9	43.9
5	*5500.00	100.8 AV			1.30 H	37	56.9	43.9
6	11000.00	60.5 PK	74.0	-13.5	1.94 H	278	37.8	22.7
7	11000.00	49.3 AV	54.0	-4.7	1.94 H	278	26.6	22.7
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	60.7 PK	74.0	-13.3	1.33 V	320	47.5	13.2
2	5460.00	48.4 AV	54.0	-5.6	1.33 V	320	35.2	13.2
3	#5470.00	61.9 PK	68.2	-6.3	1.33 V	320	48.6	13.3
4	*5500.00	119.7 PK			1.33 V	320	75.8	43.9
5	*5500.00	107.5 AV			1.33 V	320	63.6	43.9
6	11000.00	61.4 PK	74.0	-12.6	2.30 V	188	38.7	22.7
7	11000.00	50.1 AV	54.0	-3.9	2.30 V	188	27.4	22.7

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 (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	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	*5580.00	112.8 PK			1.30 H	38	69.0	43.8
2	*5580.00	100.5 AV			1.30 H	38	56.7	43.8
3	11160.00	60.7 PK	74.0	-13.3	1.90 H	279	37.9	22.8
4	11160.00	49.6 AV	54.0	-4.4	1.90 H	279	26.8	22.8
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	*5580.00	119.9 PK			1.33 V	136	76.1	43.8
2	*5580.00	107.0 AV			1.33 V	136	63.2	43.8
3	11160.00	61.5 PK	74.0	-12.5	2.11 V	184	38.7	22.8
4	11160.00	50.2 AV	54.0	-3.8	2.11 V	184	27.4	22.8

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.

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	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	*5700.00	113.9 PK			1.29 H	38	69.6	44.3
2	*5700.00	101.0 AV			1.29 H	38	56.7	44.3
3	#5725.00	61.6 PK	68.2	-6.6	1.29 H	38	47.9	13.7
4	11400.00	61.4 PK	74.0	-12.6	1.94 H	293	37.8	23.6
5	11400.00	50.5 AV	54.0	-3.5	1.94 H	293	26.9	23.6
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	*5700.00	119.9 PK			1.26 V	139	75.6	44.3
2	*5700.00	107.5 AV			1.26 V	139	63.2	44.3
3	#5725.00	62.4 PK	68.2	-5.8	1.26 V	139	48.7	13.7
4	11400.00	62.3 PK	74.0	-11.7	2.11 V	184	38.7	23.6
5	11400.00	50.9 AV	54.0	-3.1	2.11 V	184	27.3	23.6

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 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	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	#5470.00	61.2 PK	68.2	-7.0	1.35 H	40	47.9	13.3
2	*5720.00	114.1 PK			1.35 H	40	69.7	44.4
3	*5720.00	100.9 AV			1.35 H	40	56.5	44.4
4	#5850.00	61.8 PK	68.2	-6.4	1.35 H	40	48.0	13.8
5	11440.00	61.5 PK	74.0	-12.5	1.85 H	290	38.0	23.5
6	11440.00	50.4 AV	54.0	-3.6	1.85 H	290	26.9	23.5
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	#5470.00	61.7 PK	68.2	-6.5	1.27 V	137	48.4	13.3
2	*5720.00	119.7 PK			1.27 V	137	75.3	44.4
3	*5720.00	107.9 AV			1.27 V	137	63.5	44.4
4	#5850.00	62.5 PK	68.2	-5.7	1.27 V	137	48.7	13.8
5	11440.00	62.2 PK	74.0	-11.8	2.20 V	187	38.7	23.5
6	11440.00	50.8 AV	54.0	-3.2	2.20 V	187	27.3	23.5

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 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	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	5460.00	60.5 PK	74.0	-13.5	1.28 H	35	47.3	13.2
2	5460.00	48.0 AV	54.0	-6.0	1.28 H	35	34.8	13.2
3	#5470.00	61.6 PK	68.2	-6.6	1.28 H	35	48.3	13.3
4	*5510.00	110.2 PK			1.28 H	35	66.3	43.9
5	*5510.00	97.7 AV			1.28 H	35	53.8	43.9
6	11020.00	61.0 PK	74.0	-13.0	1.85 H	290	38.1	22.9
7	11020.00	49.8 AV	54.0	-4.2	1.85 H	290	26.9	22.9
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	5460.00	60.7 PK	74.0	-13.3	1.32 V	156	47.5	13.2
2	5460.00	48.6 AV	54.0	-5.4	1.32 V	156	35.4	13.2
3	#5470.00	61.9 PK	68.2	-6.3	1.32 V	156	48.6	13.3
4	*5510.00	116.5 PK			1.32 V	156	72.6	43.9
5	*5510.00	104.1 AV			1.32 V	156	60.2	43.9
6	11020.00	61.6 PK	74.0	-12.4	2.20 V	189	38.7	22.9
7	11020.00	50.3 AV	54.0	-3.7	2.20 V	189	27.4	22.9

Remarks:

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

RF Mode	802.11be (EHT40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66 % 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	*5550.00	110.4 PK			1.39 H	37	66.5	43.9
2	*5550.00	97.7 AV			1.39 H	37	53.8	43.9
3	11100.00	60.8 PK	74.0	-13.2	1.87 H	293	38.0	22.8
4	11100.00	49.5 AV	54.0	-4.5	1.87 H	293	26.7	22.8
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	*5550.00	116.8 PK			1.31 V	133	72.9	43.9
2	*5550.00	104.5 AV			1.31 V	133	60.6	43.9
3	11100.00	61.5 PK	74.0	-12.5	2.20 V	185	38.7	22.8
4	11100.00	50.2 AV	54.0	-3.8	2.20 V	185	27.4	22.8

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.

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	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	*5670.00	110.9 PK			1.37 H	30	66.7	44.2
2	*5670.00	98.0 AV			1.37 H	30	53.8	44.2
3	#5725.00	62.3 PK	68.2	-5.9	1.37 H	30	48.6	13.7
4	11340.00	61.2 PK	74.0	-12.8	1.87 H	289	37.9	23.3
5	11340.00	50.1 AV	54.0	-3.9	1.87 H	289	26.8	23.3
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	*5670.00	117.7 PK			1.29 V	138	73.5	44.2
2	*5670.00	104.7 AV			1.29 V	138	60.5	44.2
3	#5725.00	64.2 PK	68.2	-4.0	1.29 V	138	50.5	13.7
4	11340.00	62.0 PK	74.0	-12.0	2.20 V	189	38.7	23.3
5	11340.00	50.8 AV	54.0	-3.2	2.20 V	189	27.5	23.3

Remarks:

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

RF Mode	802.11be (EHT40)	Channel	CH 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	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	#5470.00	61.2 PK	68.2	-7.0	1.27 H	33	47.9	13.3
2	*5710.00	111.0 PK			1.27 H	33	66.7	44.3
3	*5710.00	98.5 AV			1.27 H	33	54.2	44.3
4	#5850.00	61.7 PK	68.2	-6.5	1.27 H	33	47.9	13.8
5	11420.00	61.4 PK	74.0	-12.6	1.85 H	290	37.8	23.6
6	11420.00	50.5 AV	54.0	-3.5	1.85 H	290	26.9	23.6
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	61.9 PK	68.2	-6.3	1.18 V	138	48.6	13.3
2	*5710.00	117.4 PK			1.18 V	138	73.1	44.3
3	*5710.00	104.9 AV			1.18 V	138	60.6	44.3
4	#5850.00	62.5 PK	68.2	-5.7	1.18 V	138	48.7	13.8
5	11420.00	62.3 PK	74.0	-11.7	2.15 V	189	38.7	23.6
6	11420.00	51.0 AV	54.0	-3.0	2.15 V	189	27.4	23.6

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 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	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	5460.00	61.0 PK	74.0	-13.0	1.33 H	36	47.8	13.2
2	5460.00	48.1 AV	54.0	-5.9	1.33 H	36	34.9	13.2
3	#5470.00	61.5 PK	68.2	-6.7	1.33 H	36	48.2	13.3
4	*5530.00	107.1 PK			1.33 H	36	63.2	43.9
5	*5530.00	95.2 AV			1.33 H	36	51.3	43.9
6	11060.00	60.7 PK	74.0	-13.3	1.99 H	283	37.9	22.8
7	11060.00	49.6 AV	54.0	-4.4	1.99 H	283	26.8	22.8
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	5460.00	62.2 PK	74.0	-11.8	1.51 V	134	49.0	13.2
2	5460.00	50.4 AV	54.0	-3.6	1.51 V	134	37.2	13.2
3	#5470.00	64.1 PK	68.2	-4.1	1.51 V	134	50.8	13.3
4	*5530.00	113.9 PK			1.51 V	134	70.0	43.9
5	*5530.00	101.5 AV			1.51 V	134	57.6	43.9
6	11060.00	61.5 PK	74.0	-12.5	2.20 V	187	38.7	22.8
7	11060.00	50.1 AV	54.0	-3.9	2.20 V	187	27.3	22.8

Remarks:

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

RF Mode	802.11be (EHT80)	Channel	CH 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	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	*5610.00	107.5 PK			1.25 H	30	63.7	43.8
2	*5610.00	94.9 AV			1.25 H	30	51.1	43.8
3	#5725.00	61.6 PK	68.2	-6.6	1.25 H	30	47.9	13.7
4	11220.00	60.7 PK	74.0	-13.3	1.84 H	290	37.9	22.8
5	11220.00	49.7 AV	54.0	-4.3	1.84 H	290	26.9	22.8
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	*5610.00	113.9 PK			1.24 V	134	70.1	43.8
2	*5610.00	101.6 AV			1.24 V	134	57.8	43.8
3	#5725.00	62.2 PK	68.2	-6.0	1.24 V	134	48.5	13.7
4	11220.00	61.6 PK	74.0	-12.4	2.19 V	189	38.8	22.8
5	11220.00	50.3 AV	54.0	-3.7	2.19 V	189	27.5	22.8

Remarks:

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

RF Mode	802.11be (EHT80)	Channel	CH 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	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	#5470.00	61.4 PK	68.2	-6.8	1.38 H	39	48.1	13.3
2	*5690.00	108.6 PK			1.38 H	39	64.4	44.2
3	*5690.00	95.9 AV			1.38 H	39	51.7	44.2
4	#5850.00	61.7 PK	68.2	-6.5	1.38 H	39	47.9	13.8
5	11380.00	61.2 PK	74.0	-12.8	1.84 H	284	37.8	23.4
6	11380.00	50.1 AV	54.0	-3.9	1.84 H	284	26.7	23.4
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	#5470.00	61.8 PK	68.2	-6.4	1.26 V	137	48.5	13.3
2	*5690.00	114.3 PK			1.26 V	137	70.1	44.2
3	*5690.00	102.3 AV			1.26 V	137	58.1	44.2
4	#5850.00	62.4 PK	68.2	-5.8	1.26 V	137	48.6	13.8
5	11380.00	62.1 PK	74.0	-11.9	2.18 V	194	38.7	23.4
6	11380.00	50.9 AV	54.0	-3.1	2.18 V	194	27.5	23.4

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 (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	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	5460.00	60.8 PK	74.0	-13.2	1.28 H	26	47.6	13.2
2	5460.00	48.1 AV	54.0	-5.9	1.28 H	26	34.9	13.2
3	#5470.00	61.2 PK	68.2	-7.0	1.28 H	26	47.9	13.3
4	*5570.00	104.7 PK			1.28 H	26	60.8	43.9
5	*5570.00	91.7 AV			1.28 H	26	47.8	43.9
6	#5725.00	61.5 PK	68.2	-6.7	1.28 H	26	47.8	13.7
7	11140.00	60.5 PK	74.0	-13.5	1.72 H	286	37.6	22.9
8	11140.00	49.4 AV	54.0	-4.6	1.72 H	286	26.5	22.9
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	5460.00	62.4 PK	74.0	-11.6	1.35 V	134	49.2	13.2
2	5460.00	49.9 AV	54.0	-4.1	1.35 V	134	36.7	13.2
3	#5470.00	63.8 PK	68.2	-4.4	1.35 V	134	50.5	13.3
4	*5570.00	110.3 PK			1.35 V	134	66.4	43.9
5	*5570.00	98.2 AV			1.35 V	134	54.3	43.9
6	#5725.00	62.2 PK	68.2	-6.0	1.35 V	134	48.5	13.7
7	11140.00	61.4 PK	74.0	-12.6	2.25 V	196	38.5	22.9
8	11140.00	50.0 AV	54.0	-4.0	2.25 V	196	27.1	22.9

Remarks:

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

RF Mode	802.11a	Channel	CH 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	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	#5624.80	61.2 PK	68.2	-7.0	1.38 H	35	48.0	13.2
2	*5745.00	118.5 PK			1.38 H	35	73.9	44.6
3	*5745.00	108.6 AV			1.38 H	35	64.0	44.6
4	#5960.40	61.5 PK	68.2	-6.7	1.38 H	35	47.6	13.9
5	11490.00	61.3 PK	74.0	-12.7	1.82 H	285	37.9	23.4
6	11490.00	50.2 AV	54.0	-3.8	1.82 H	285	26.8	23.4
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	#5610.80	61.1 PK	68.2	-7.1	1.81 V	148	47.9	13.2
2	*5745.00	124.3 PK			1.81 V	148	79.7	44.6
3	*5745.00	114.9 AV			1.81 V	148	70.3	44.6
4	#5990.00	61.8 PK	68.2	-6.4	1.81 V	148	47.7	14.1
5	11490.00	62.0 PK	74.0	-12.0	2.11 V	184	38.6	23.4
6	11490.00	50.7 AV	54.0	-3.3	2.11 V	184	27.3	23.4

Remarks:

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

RF Mode	802.11a	Channel	CH 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	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	#5608.40	60.9 PK	68.2	-7.3	1.29 H	38	47.8	13.1
2	*5785.00	118.2 PK			1.29 H	38	73.5	44.7
3	*5785.00	108.3 AV			1.29 H	38	63.6	44.7
4	#5964.40	61.6 PK	68.2	-6.6	1.29 H	38	47.6	14.0
5	11570.00	61.0 PK	74.0	-13.0	1.86 H	287	37.9	23.1
6	11570.00	50.0 AV	54.0	-4.0	1.86 H	287	26.9	23.1
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	#5646.80	62.4 PK	68.2	-5.8	1.86 V	147	49.0	13.4
2	*5785.00	124.3 PK			1.86 V	147	79.6	44.7
3	*5785.00	114.9 AV			1.86 V	147	70.2	44.7
4	#5943.20	62.0 PK	68.2	-6.2	1.86 V	147	48.0	14.0
5	11570.00	61.8 PK	74.0	-12.2	2.13 V	184	38.7	23.1
6	11570.00	50.5 AV	54.0	-3.5	2.13 V	184	27.4	23.1

Remarks:

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

RF Mode	802.11a	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66 % 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	#5603.60	61.5 PK	68.2	-6.7	1.42 H	39	48.4	13.1
2	*5825.00	117.5 PK			1.42 H	39	72.8	44.7
3	*5825.00	107.8 AV			1.42 H	39	63.1	44.7
4	#5980.80	62.3 PK	68.2	-5.9	1.42 H	39	48.3	14.0
5	11650.00	60.7 PK	74.0	-13.3	1.94 H	285	38.0	22.7
6	11650.00	49.4 AV	54.0	-4.6	1.94 H	285	26.7	22.7
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	#5639.60	61.2 PK	68.2	-7.0	1.68 V	147	47.9	13.3
2	*5825.00	124.0 PK			1.68 V	147	79.3	44.7
3	*5825.00	114.3 AV			1.68 V	147	69.6	44.7
4	#5991.60	61.2 PK	68.2	-7.0	1.68 V	147	47.1	14.1
5	11650.00	61.4 PK	74.0	-12.6	2.28 V	194	38.7	22.7
6	11650.00	50.1 AV	54.0	-3.9	2.28 V	194	27.4	22.7

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 (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	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	#5617.60	61.4 PK	68.2	-6.8	1.37 H	28	48.2	13.2
2	*5745.00	119.2 PK			1.37 H	28	74.6	44.6
3	*5745.00	106.8 AV			1.37 H	28	62.2	44.6
4	#5937.60	61.3 PK	68.2	-6.9	1.37 H	28	47.3	14.0
5	11490.00	61.3 PK	74.0	-12.7	1.90 H	288	37.9	23.4
6	11490.00	50.2 AV	54.0	-3.8	1.90 H	288	26.8	23.4
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	#5627.60	62.2 PK	68.2	-6.0	1.75 V	140	49.0	13.2
2	*5745.00	125.3 PK			1.75 V	140	80.7	44.6
3	*5745.00	113.2 AV			1.75 V	140	68.6	44.6
4	#5957.60	62.3 PK	68.2	-5.9	1.75 V	140	48.3	14.0
5	11490.00	62.2 PK	74.0	-11.8	2.23 V	189	38.8	23.4
6	11490.00	50.7 AV	54.0	-3.3	2.23 V	189	27.3	23.4

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 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	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	#5626.80	60.5 PK	68.2	-7.7	1.36 H	30	47.3	13.2
2	*5785.00	118.6 PK			1.36 H	30	73.9	44.7
3	*5785.00	106.5 AV			1.36 H	30	61.8	44.7
4	#5938.80	61.1 PK	68.2	-7.1	1.36 H	30	47.1	14.0
5	11570.00	61.0 PK	74.0	-13.0	1.84 H	302	37.9	23.1
6	11570.00	49.7 AV	54.0	-4.3	1.84 H	302	26.6	23.1
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	#5646.40	61.1 PK	68.2	-7.1	1.75 V	143	47.7	13.4
2	*5785.00	125.3 PK			1.75 V	143	80.6	44.7
3	*5785.00	113.3 AV			1.75 V	143	68.6	44.7
4	#5954.80	61.5 PK	68.2	-6.7	1.75 V	143	47.5	14.0
5	11570.00	61.8 PK	74.0	-12.2	2.36 V	191	38.7	23.1
6	11570.00	50.3 AV	54.0	-3.7	2.36 V	191	27.2	23.1

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66 % 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	#5643.60	60.6 PK	68.2	-7.6	1.27 H	29	47.2	13.4
2	*5825.00	120.5 PK			1.27 H	29	75.8	44.7
3	*5825.00	107.8 AV			1.27 H	29	63.1	44.7
4	#5954.00	61.9 PK	68.2	-6.3	1.27 H	29	47.9	14.0
5	11650.00	60.6 PK	74.0	-13.4	1.88 H	282	37.9	22.7
6	11650.00	49.3 AV	54.0	-4.7	1.88 H	282	26.6	22.7
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	#5613.20	61.4 PK	68.2	-6.8	1.73 V	140	48.2	13.2
2	*5825.00	126.4 PK			1.73 V	140	81.7	44.7
3	*5825.00	114.0 AV			1.73 V	140	69.3	44.7
4	#5950.00	61.4 PK	68.2	-6.8	1.73 V	140	47.4	14.0
5	11650.00	61.4 PK	74.0	-12.6	2.12 V	187	38.7	22.7
6	11650.00	50.0 AV	54.0	-4.0	2.12 V	187	27.3	22.7

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 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	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	#5607.60	60.1 PK	68.2	-8.1	1.34 H	31	47.0	13.1
2	*5755.00	116.8 PK			1.34 H	31	72.2	44.6
3	*5755.00	104.0 AV			1.34 H	31	59.4	44.6
4	#5979.60	61.0 PK	68.2	-7.2	1.34 H	31	47.0	14.0
5	11510.00	61.3 PK	74.0	-12.7	1.87 H	286	38.0	23.3
6	11510.00	50.0 AV	54.0	-4.0	1.87 H	286	26.7	23.3
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	#5648.00	62.4 PK	68.2	-5.8	1.76 V	141	49.0	13.4
2	*5755.00	123.1 PK			1.76 V	141	78.5	44.6
3	*5755.00	110.7 AV			1.76 V	141	66.1	44.6
4	#5951.60	62.5 PK	68.2	-5.7	1.76 V	141	48.5	14.0
5	11510.00	62.0 PK	74.0	-12.0	2.11 V	193	38.7	23.3
6	11510.00	50.7 AV	54.0	-3.3	2.11 V	193	27.4	23.3

Remarks:

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

RF Mode	802.11be (EHT40)	Channel	CH 159：5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66 % 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	#5621.20	60.8 PK	68.2	-7.4	1.33 H	36	47.6	13.2
2	*5795.00	116.9 PK			1.33 H	36	72.2	44.7
3	*5795.00	104.2 AV			1.33 H	36	59.5	44.7
4	#5951.60	61.9 PK	68.2	-6.3	1.33 H	36	47.9	14.0
5	11590.00	60.4 PK	74.0	-13.6	1.88 H	290	37.5	22.9
6	11590.00	49.4 AV	54.0	-4.6	1.88 H	290	26.5	22.9
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	#5632.40	63.0 PK	68.2	-5.2	1.88 V	139	49.8	13.2
2	*5795.00	122.5 PK			1.88 V	139	77.8	44.7
3	*5795.00	110.7 AV			1.88 V	139	66.0	44.7
4	#5988.80	62.0 PK	68.2	-6.2	1.88 V	139	47.9	14.1
5	11590.00	61.5 PK	74.0	-12.5	2.19 V	188	38.6	22.9
6	11590.00	50.3 AV	54.0	-3.7	2.19 V	188	27.4	22.9

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	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	#5647.60	63.8 PK	68.2	-4.4	1.38 H	35	50.4	13.4
2	*5775.00	111.8 PK			1.38 H	35	67.2	44.6
3	*5775.00	99.6 AV			1.38 H	35	55.0	44.6
4	#5928.00	61.8 PK	68.2	-6.4	1.38 H	35	47.8	14.0
5	11550.00	61.0 PK	74.0	-13.0	1.72 H	284	37.9	23.1
6	11550.00	49.9 AV	54.0	-4.1	1.72 H	284	26.8	23.1
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	#5645.20	67.7 PK	68.2	-0.5	1.87 V	138	54.3	13.4
2	*5775.00	119.2 PK			1.87 V	138	74.6	44.6
3	*5775.00	106.8 AV			1.87 V	138	62.2	44.6
4	#5936.40	62.0 PK	68.2	-6.2	1.87 V	138	48.0	14.0
5	11550.00	61.7 PK	74.0	-12.3	2.10 V	180	38.6	23.1
6	11550.00	50.3 AV	54.0	-3.7	2.10 V	180	27.2	23.1

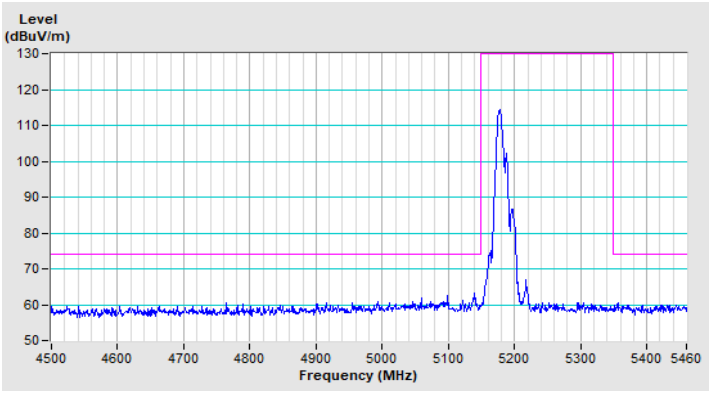
Remarks:

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.

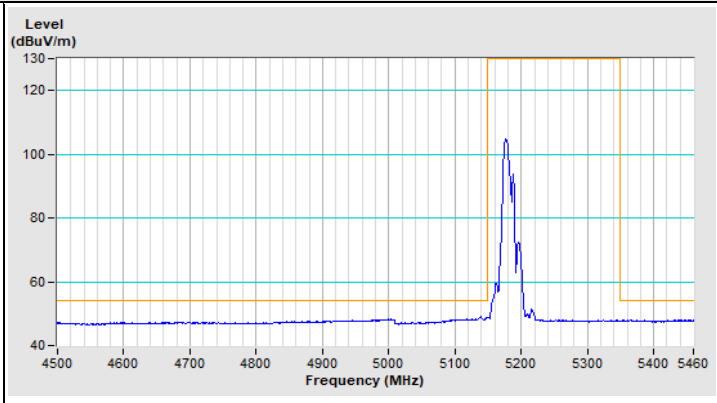
Plot of Band Edge

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

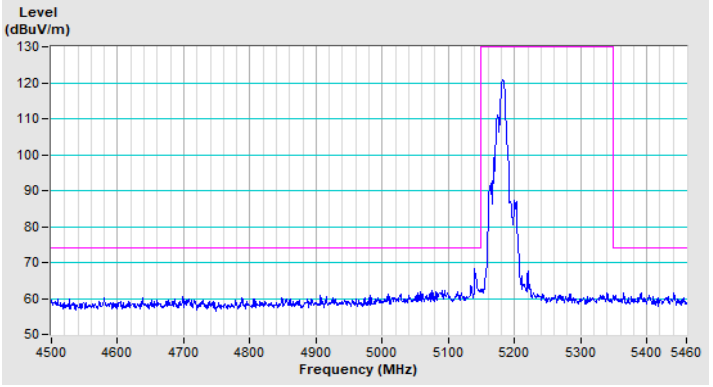
802.11a Channel 36



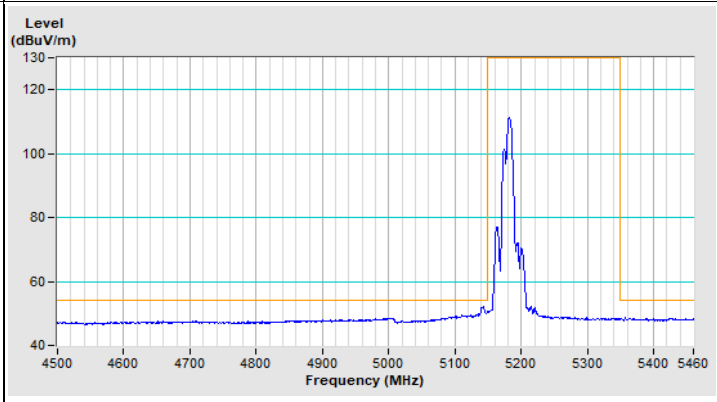
Horizontal (Peak)



Horizontal (Average)

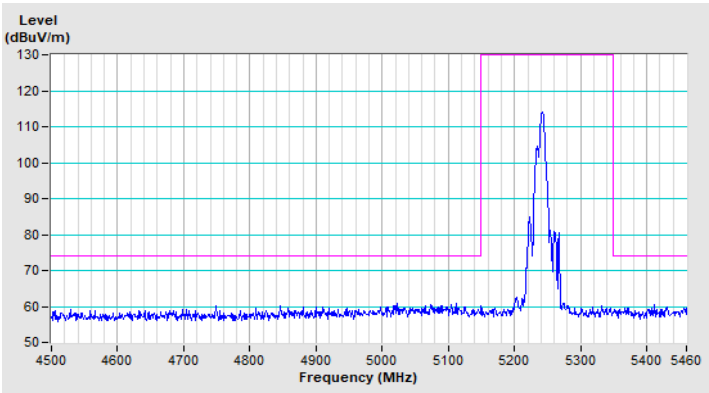


Vertical (Peak)

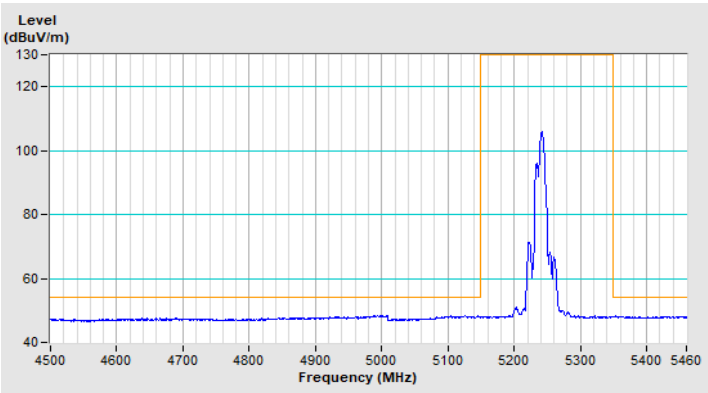


Vertical (Average)

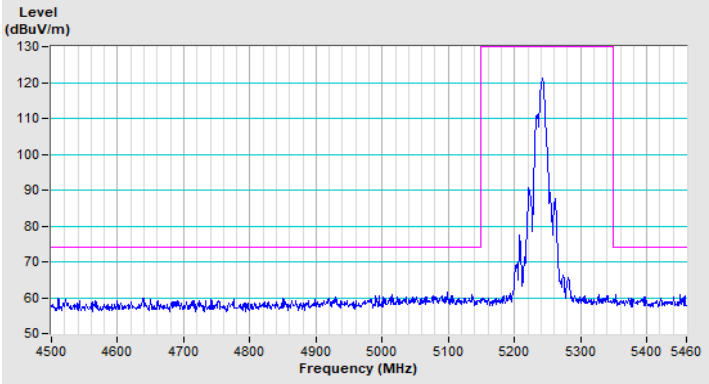
802.11a Channel 48



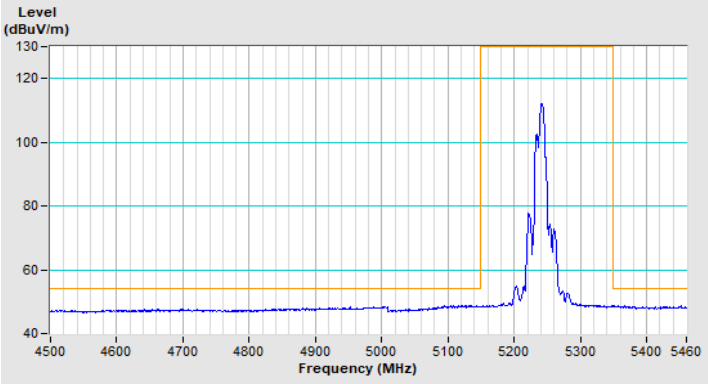
Horizontal (Peak)



Horizontal (Average)



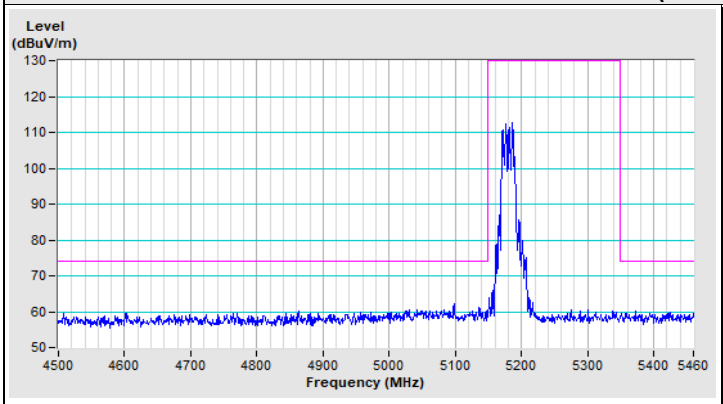
Vertical (Peak)



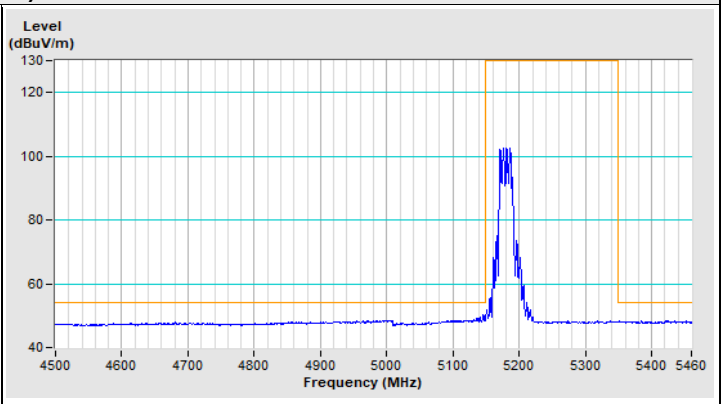
Vertical (Average)

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

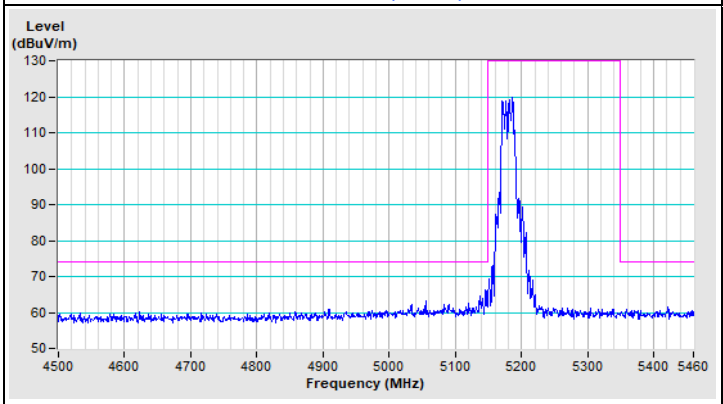
802.11be (EHT20) Channel 36



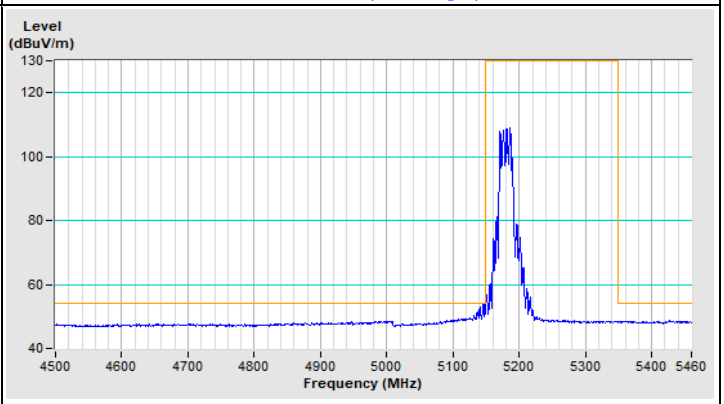
Horizontal (Peak)



Horizontal (Average)

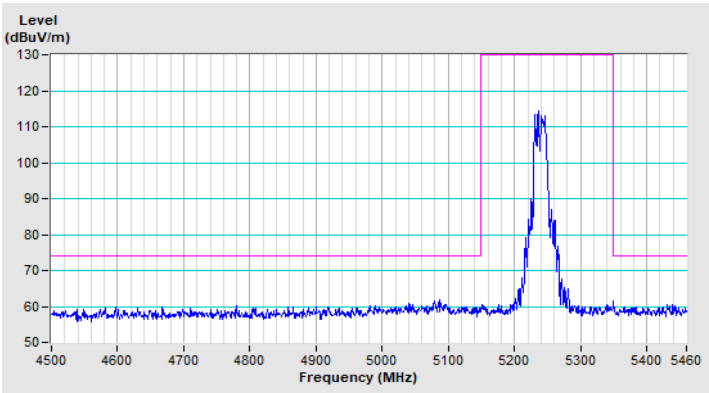


Vertical (Peak)

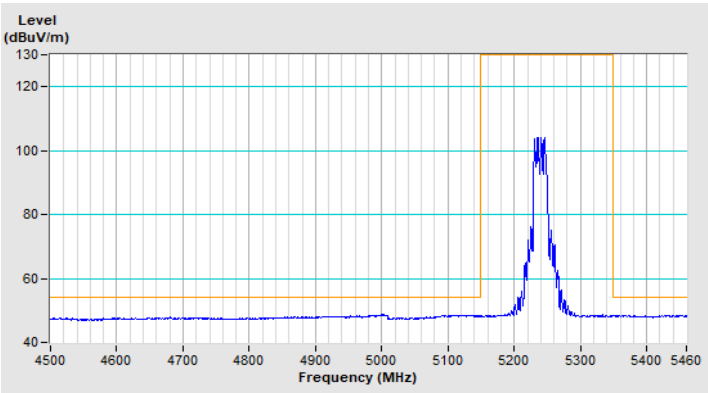


Vertical (Average)

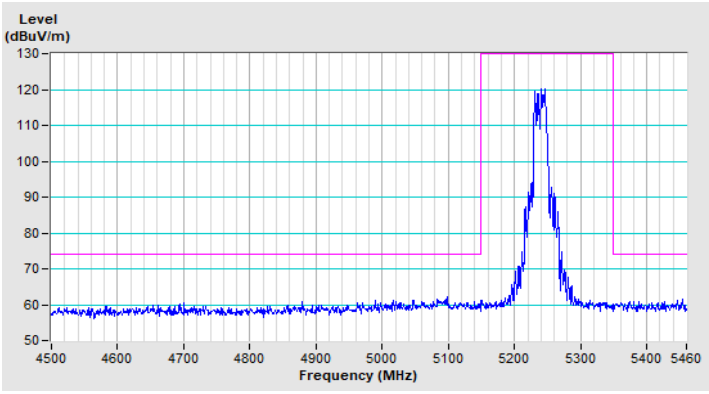
802.11be (EHT20) Channel 48



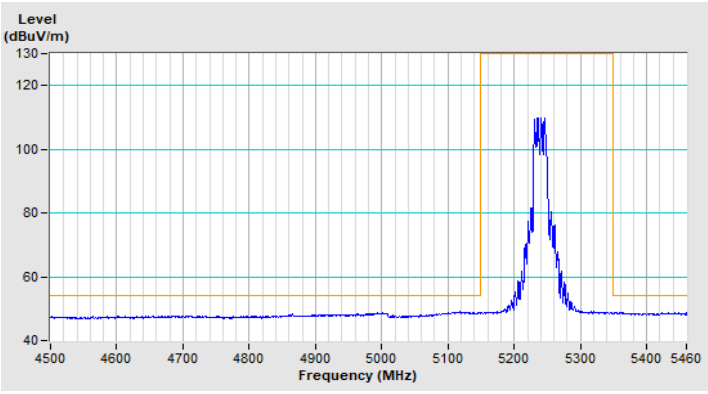
Horizontal (Peak)



Horizontal (Average)



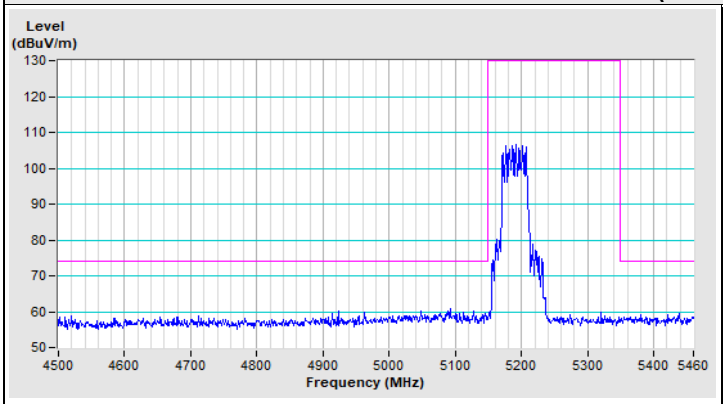
Vertical (Peak)



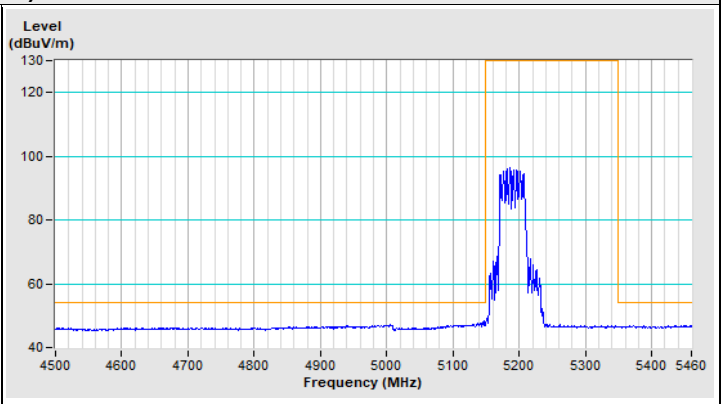
Vertical (Average)

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

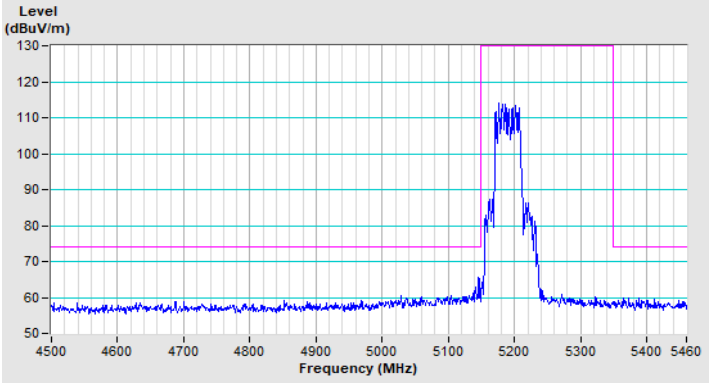
802.11be (EHT40) Channel 38



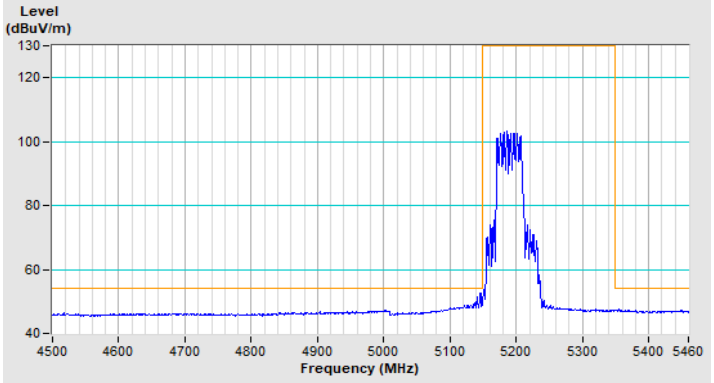
Horizontal (Peak)



Horizontal (Average)

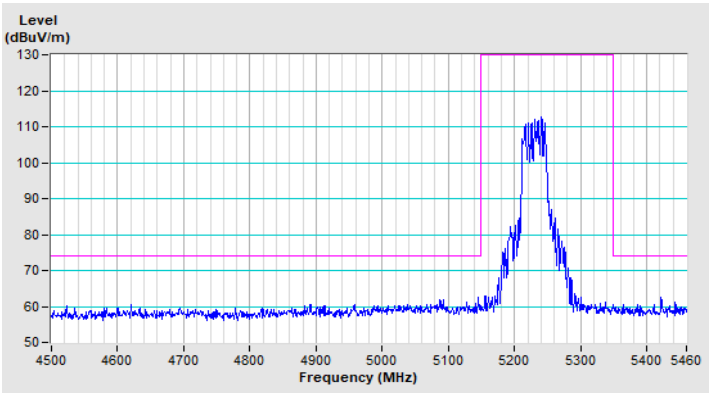


Vertical (Peak)

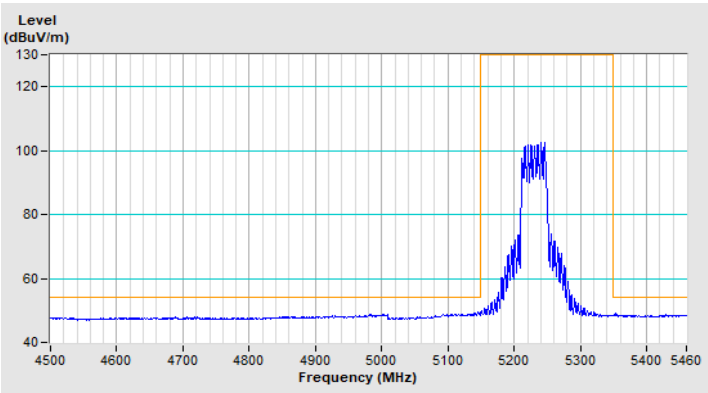


Vertical (Average)

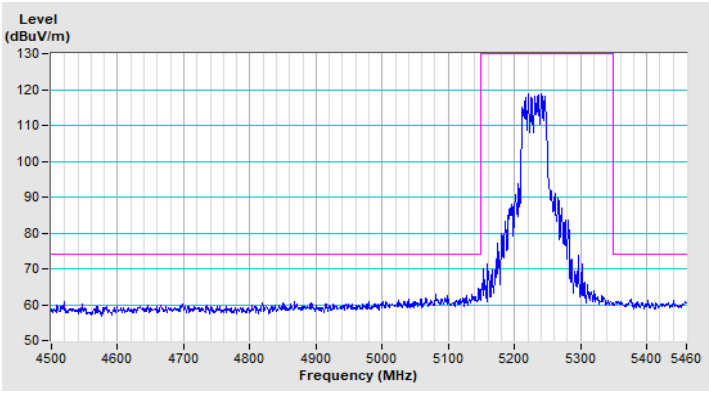
802.11be (EHT40) Channel 46



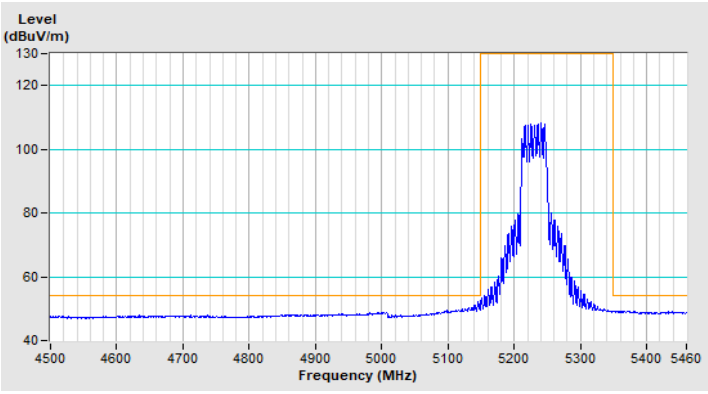
Horizontal (Peak)



Horizontal (Average)



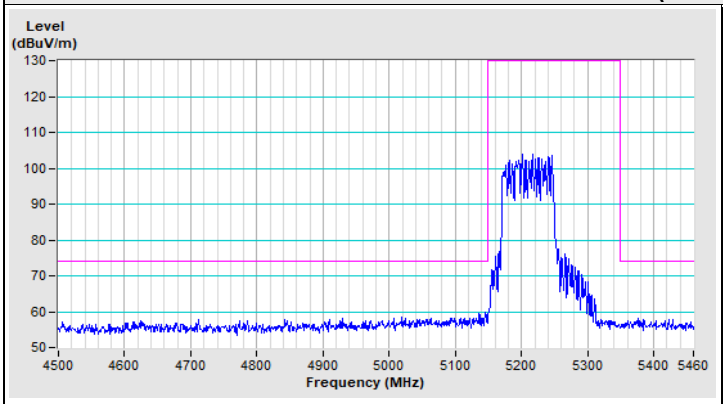
Vertical (Peak)



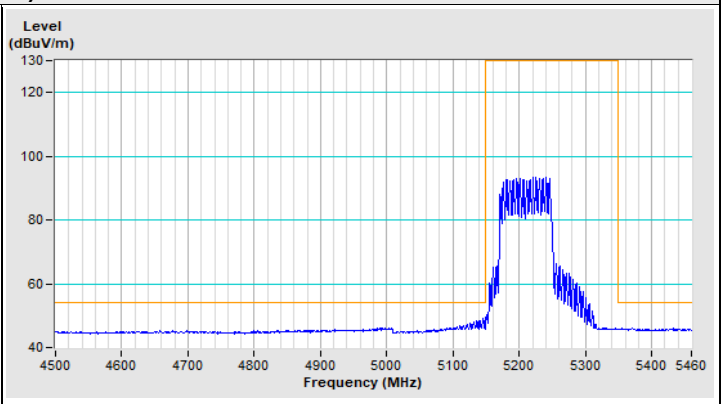
Vertical (Average)

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

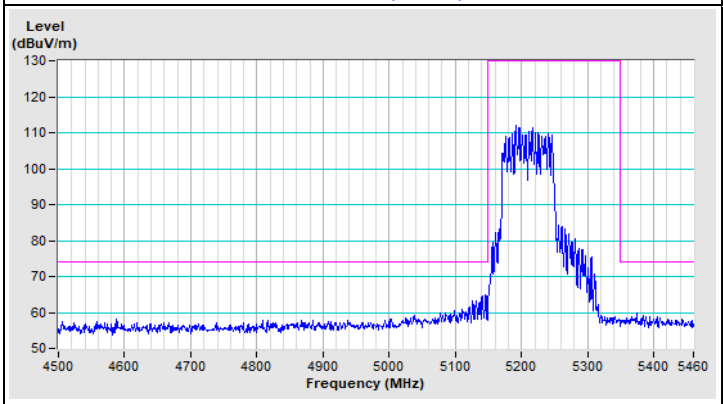
802.11be (EHT80) Channel 42



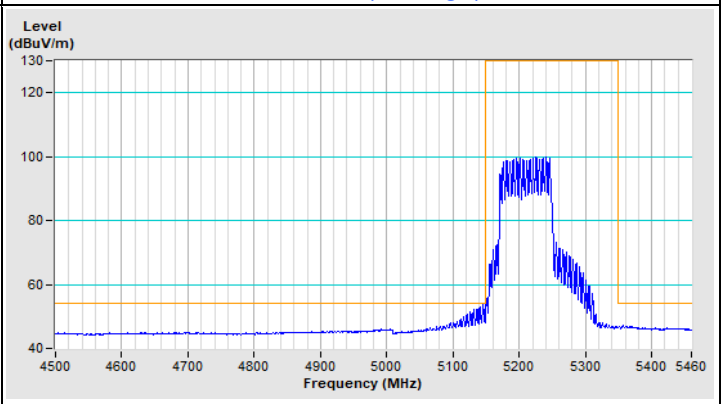
Horizontal (Peak)



Horizontal (Average)



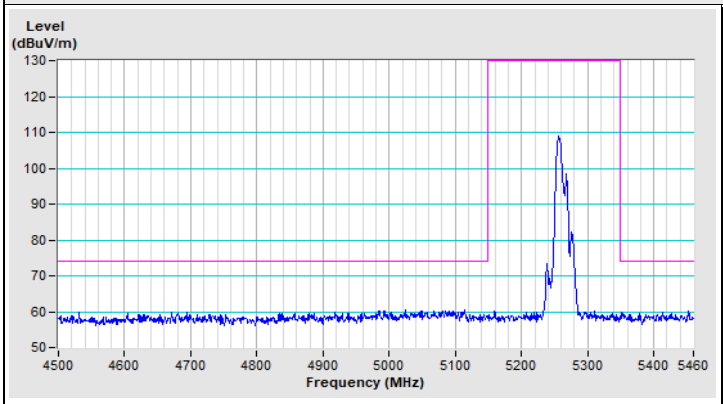
Vertical (Peak)



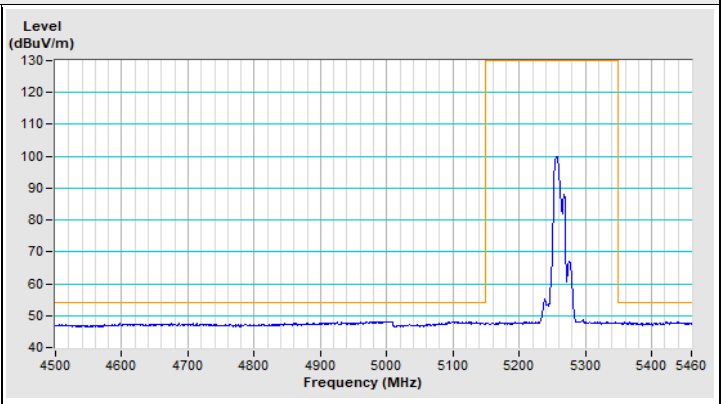
Vertical (Average)

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

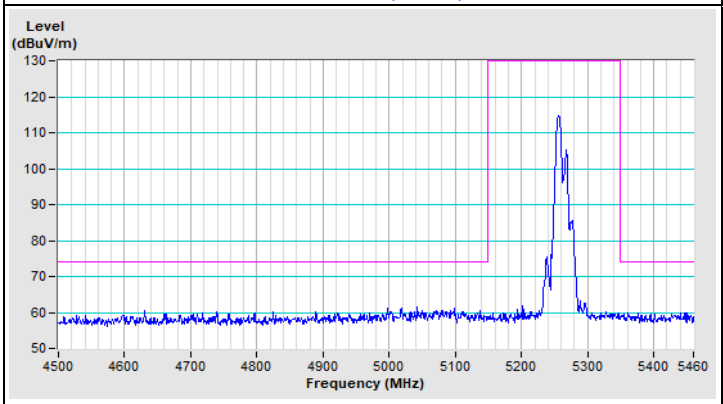
802.11a Channel 52



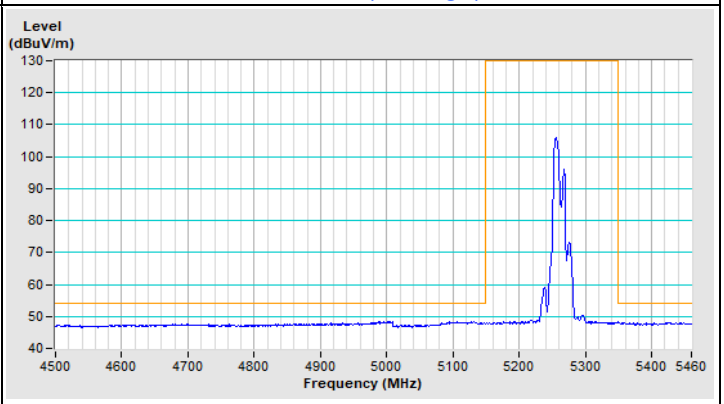
Horizontal (Peak)



Horizontal (Average)

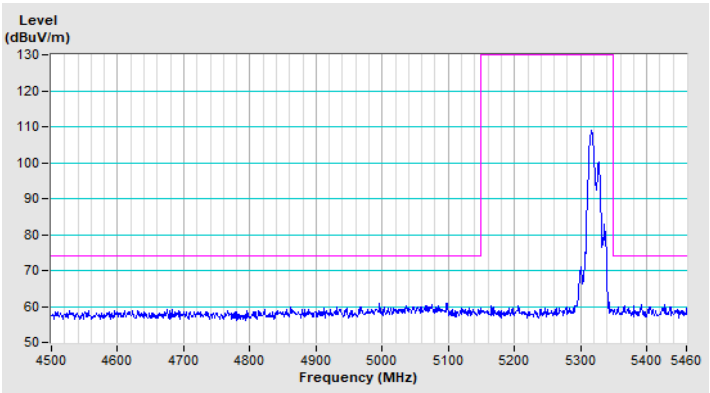


Vertical (Peak)

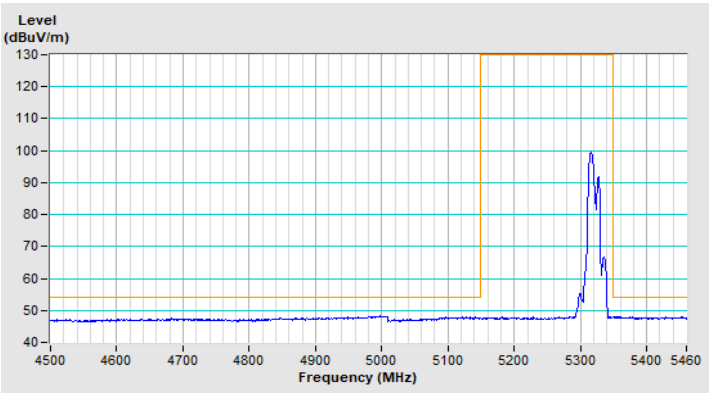


Vertical (Average)

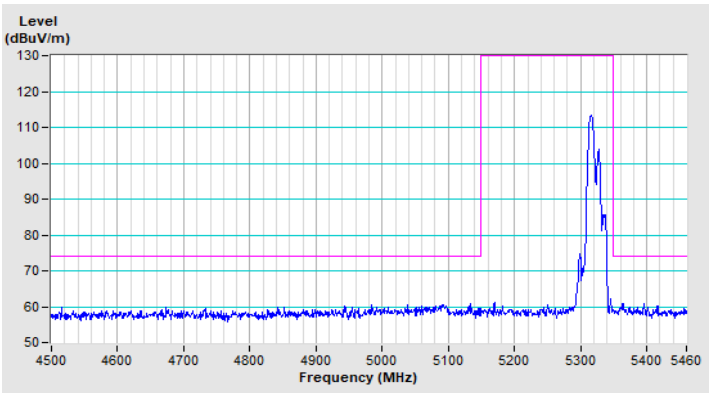
802.11a Channel 64



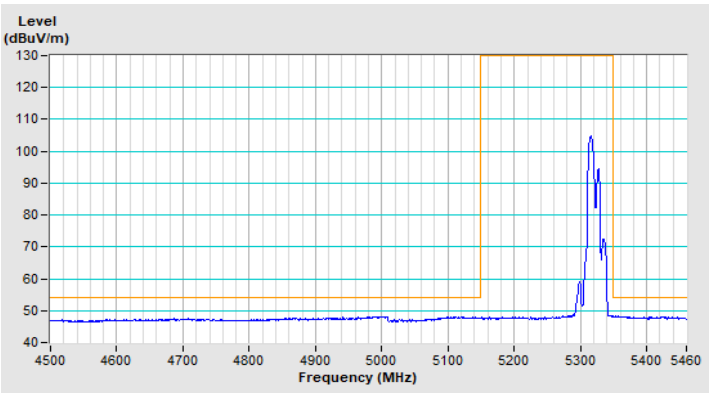
Horizontal (Peak)



Horizontal (Average)



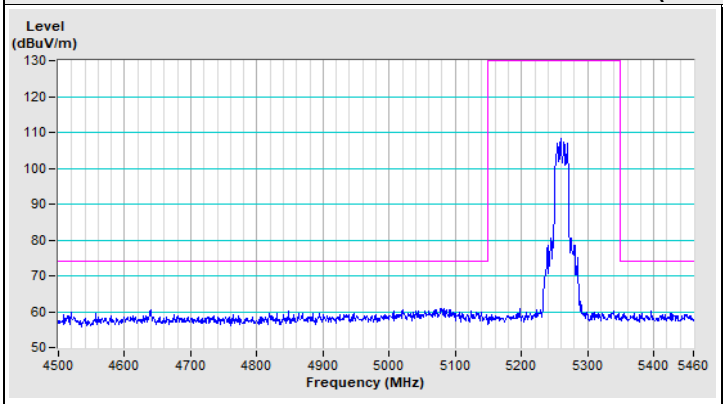
Vertical (Peak)



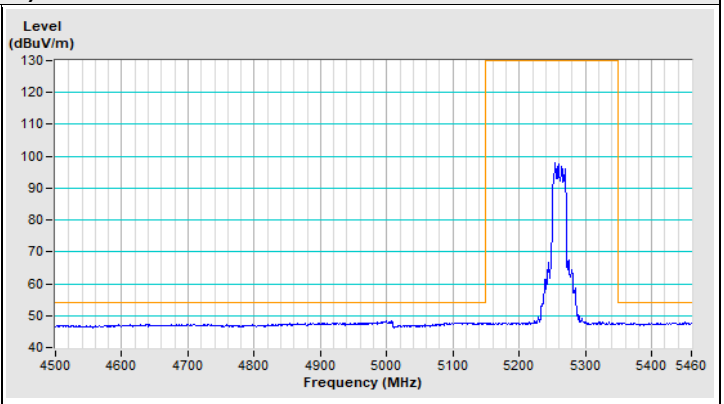
Vertical (Average)

Frequency Range	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

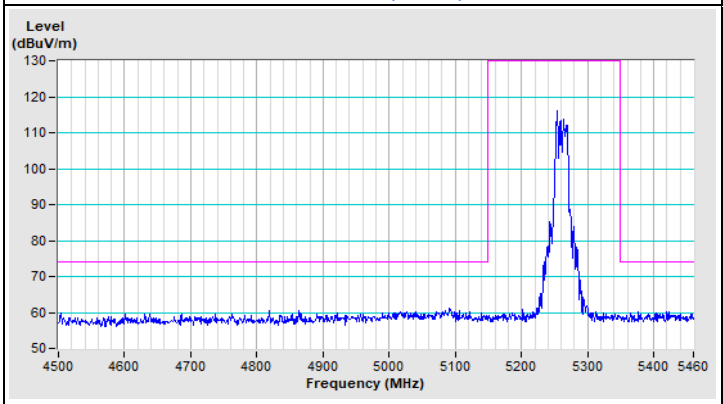
802.11be (EHT20) Channel 52



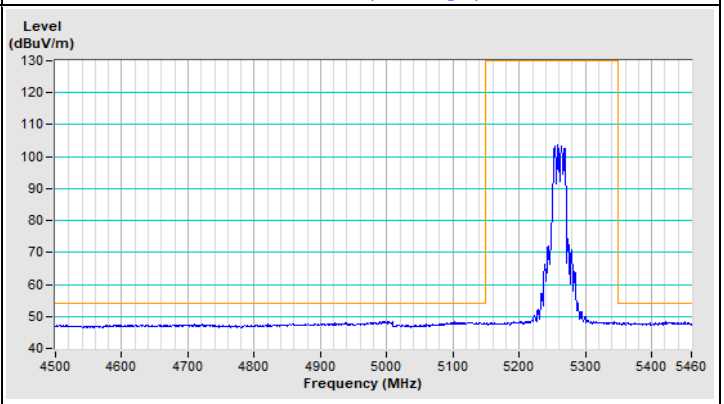
Horizontal (Peak)



Horizontal (Average)

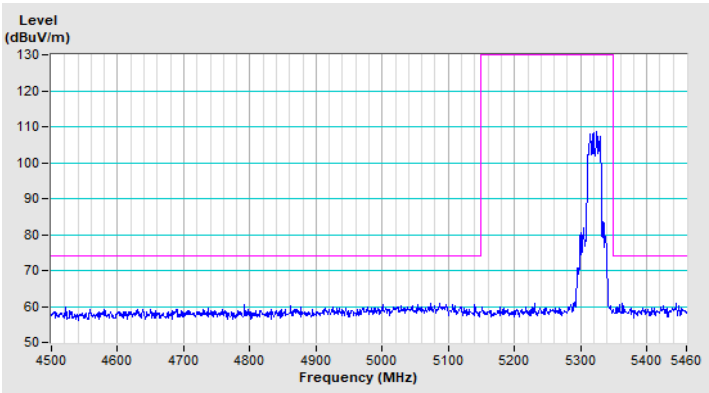


Vertical (Peak)

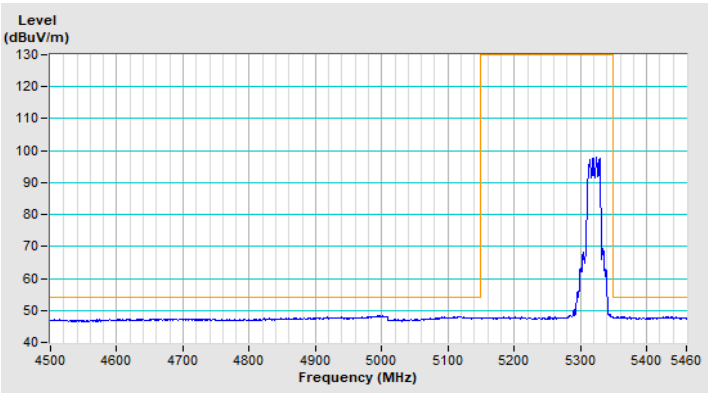


Vertical (Average)

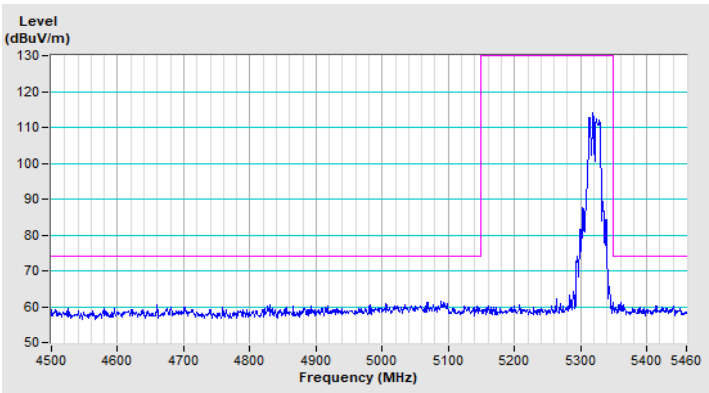
802.11be (EHT20) Channel 64



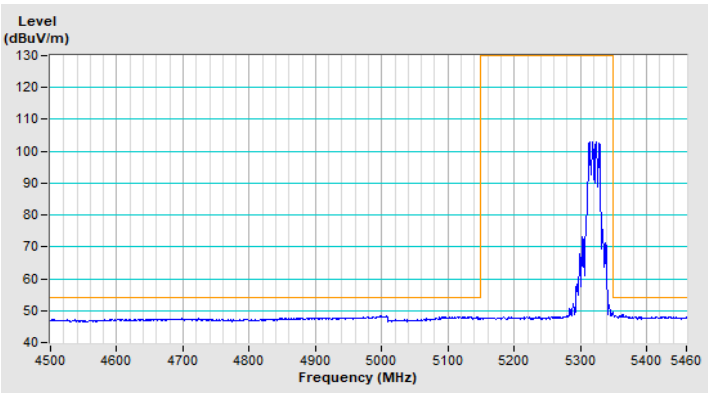
Horizontal (Peak)



Horizontal (Average)



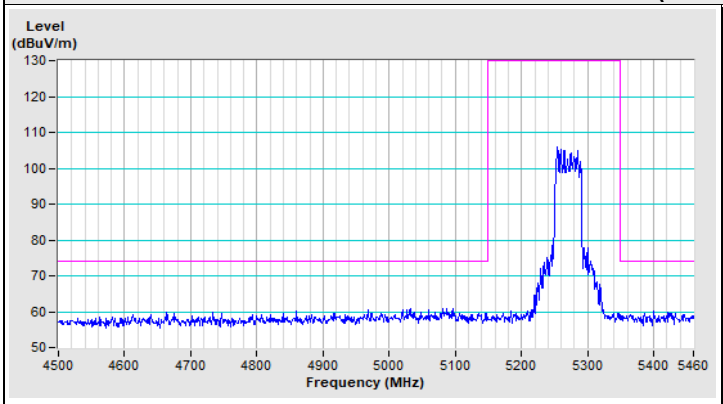
Vertical (Peak)



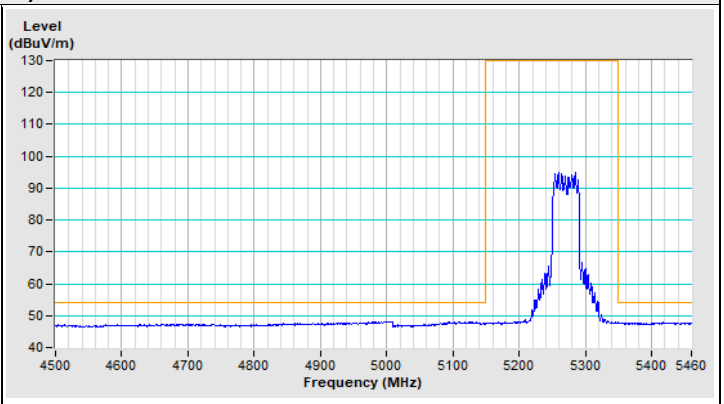
Vertical (Average)

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

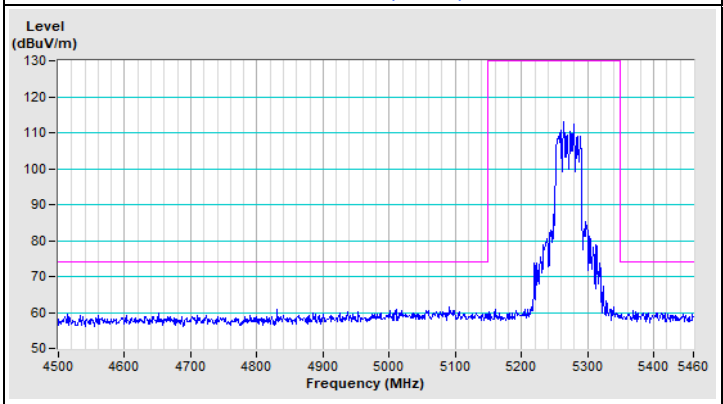
802.11be (EHT40) Channel 54



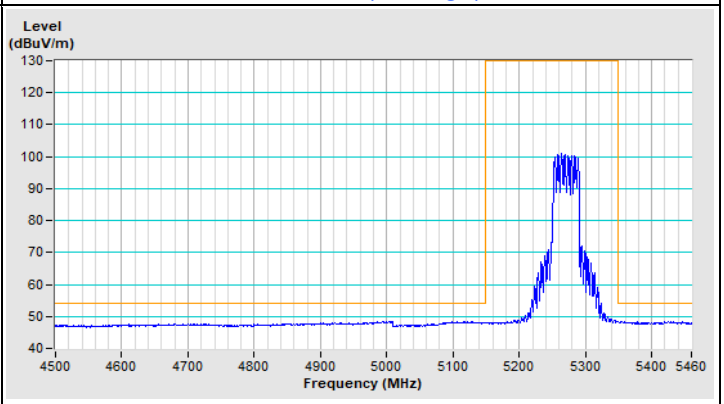
Horizontal (Peak)



Horizontal (Average)

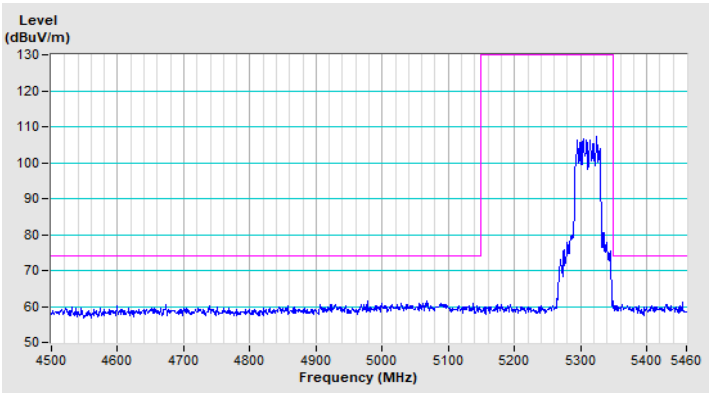


Vertical (Peak)

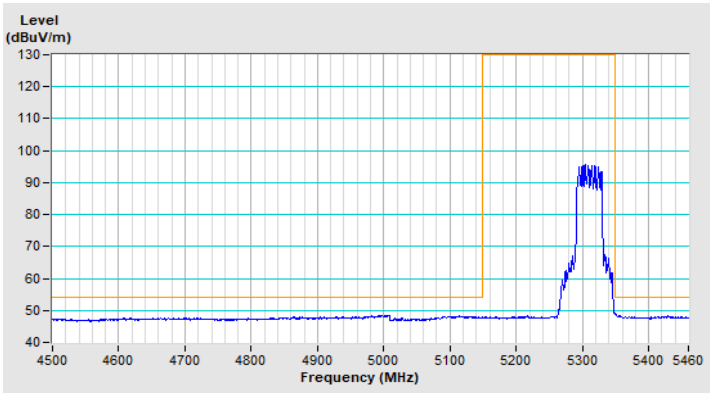


Vertical (Average)

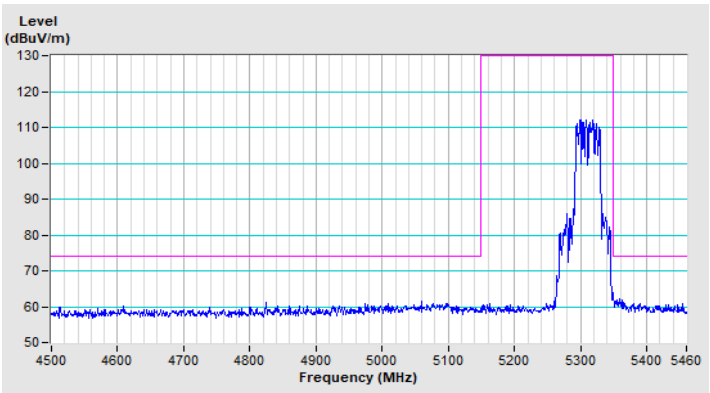
802.11be (EHT40) Channel 62



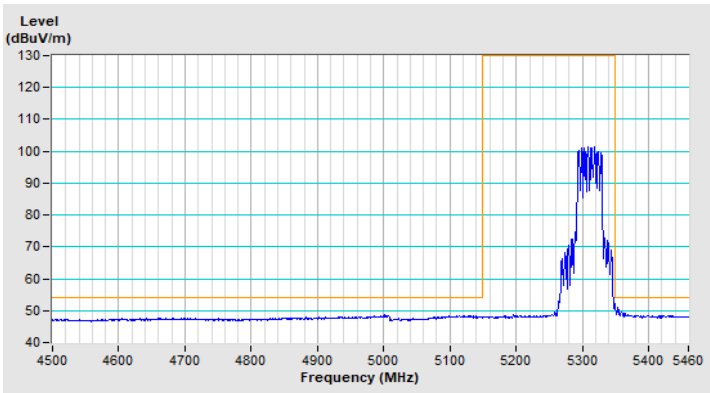
Horizontal (Peak)



Horizontal (Average)



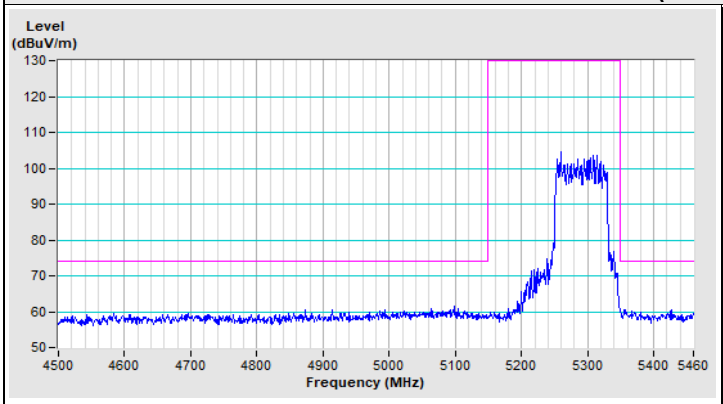
Vertical (Peak)



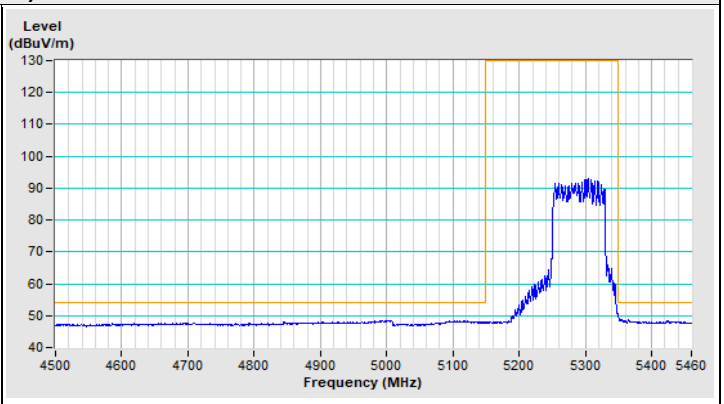
Vertical (Average)

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

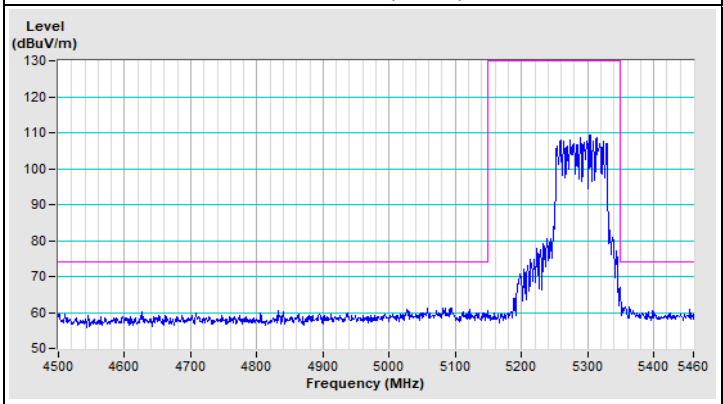
802.11be (EHT80) Channel 58



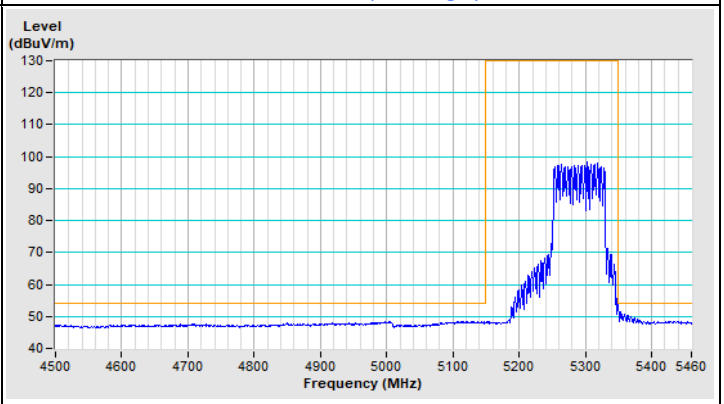
Horizontal (Peak)



Horizontal (Average)



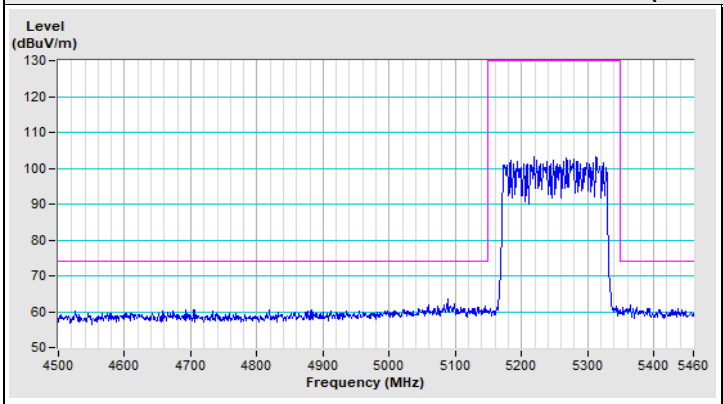
Vertical (Peak)



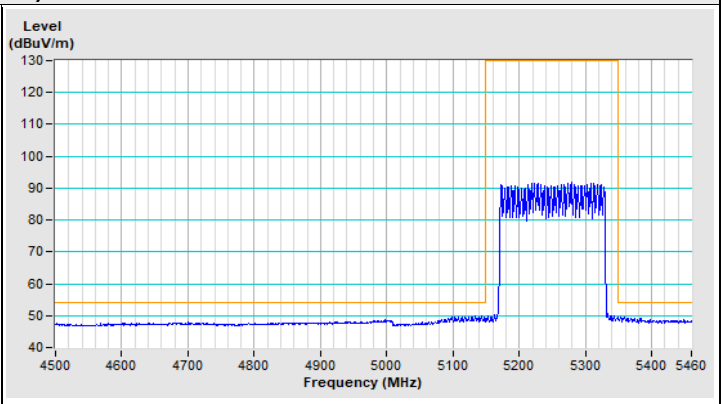
Vertical (Average)

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

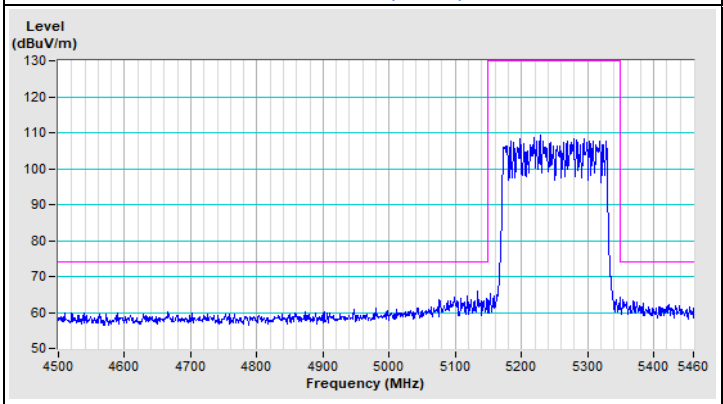
802.11be (EHT160) Channel 50



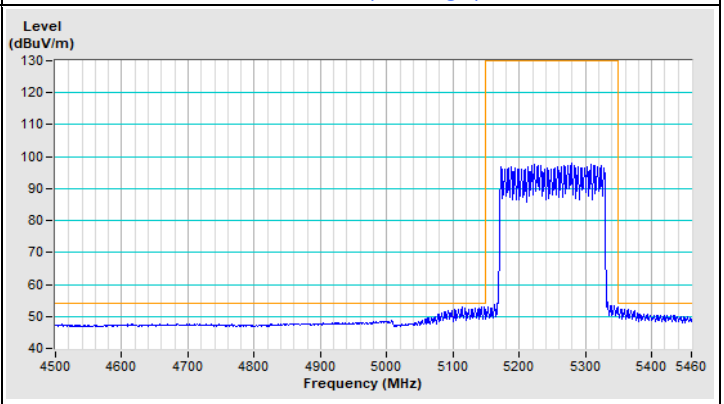
Horizontal (Peak)



Horizontal (Average)



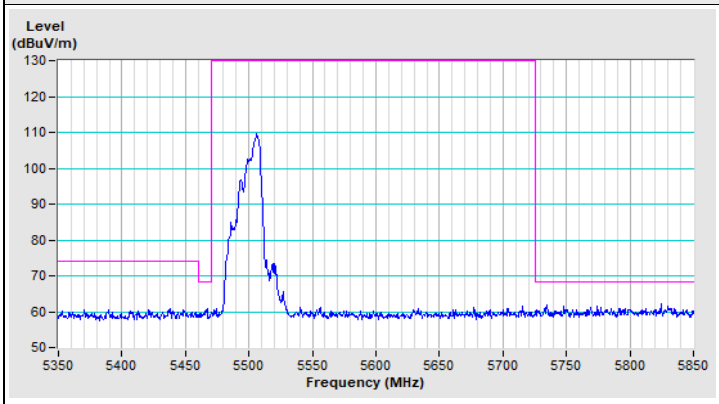
Vertical (Peak)



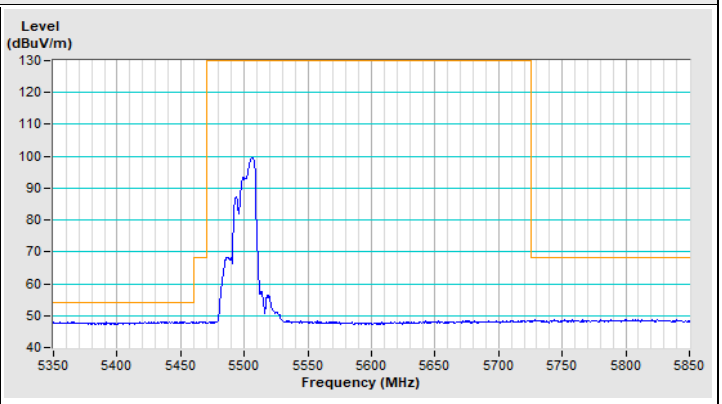
Vertical (Average)

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

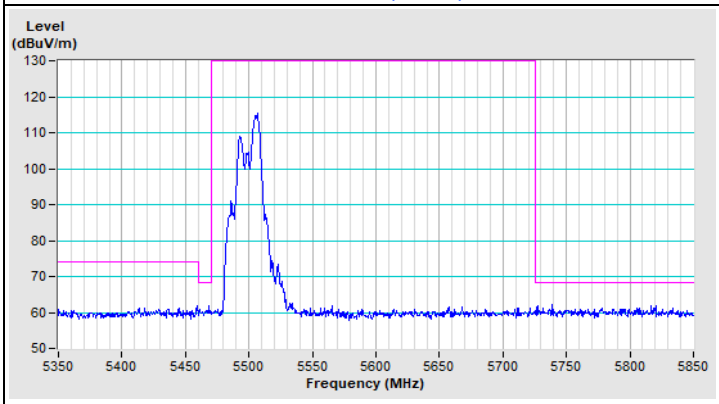
802.11a Channel 100



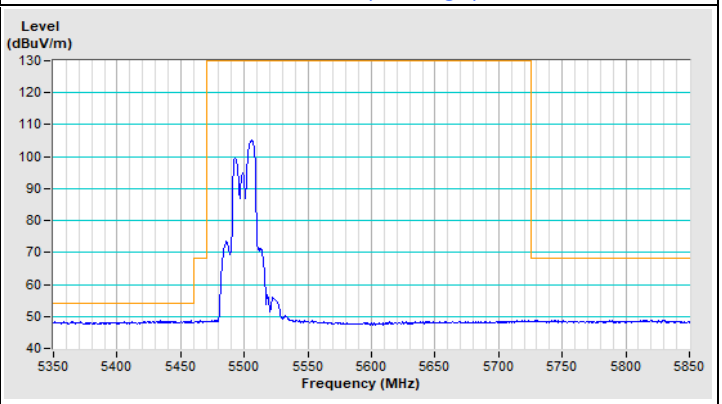
Horizontal (Peak)



Horizontal (Average)

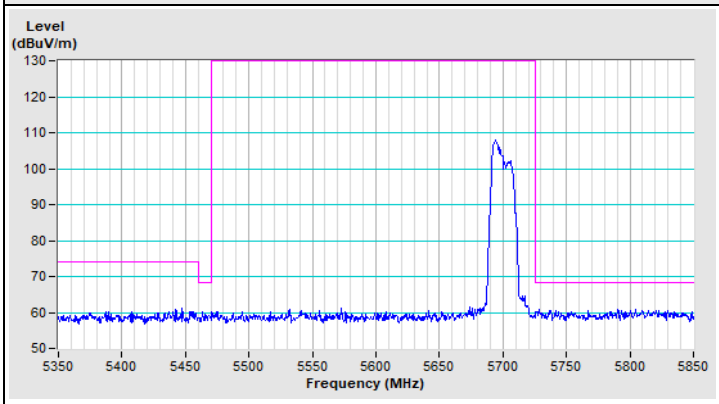


Vertical (Peak)

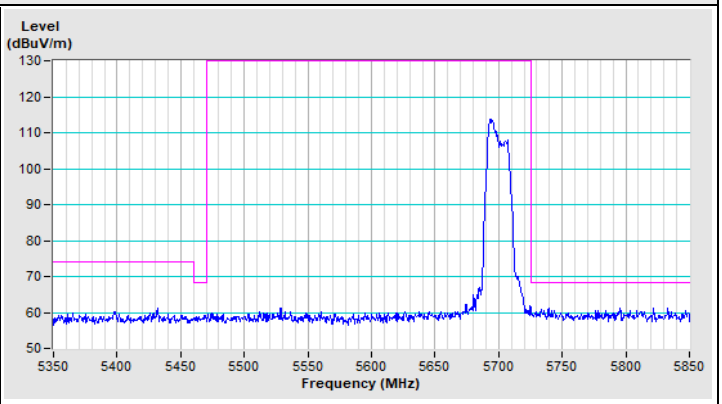


Vertical (Average)

802.11a Channel 140



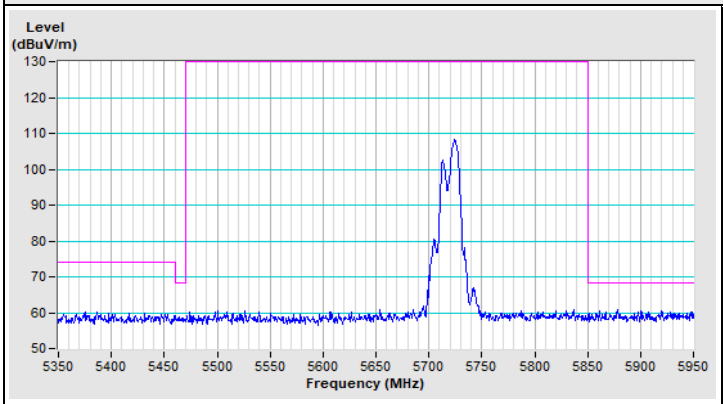
Horizontal (Peak)



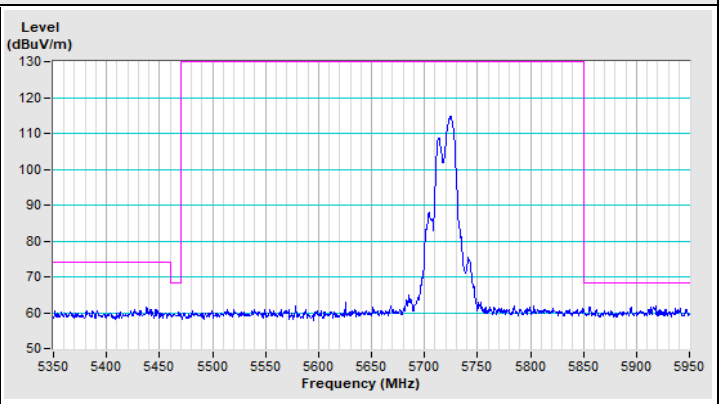
Vertical (Peak)

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

802.11a Channel 144



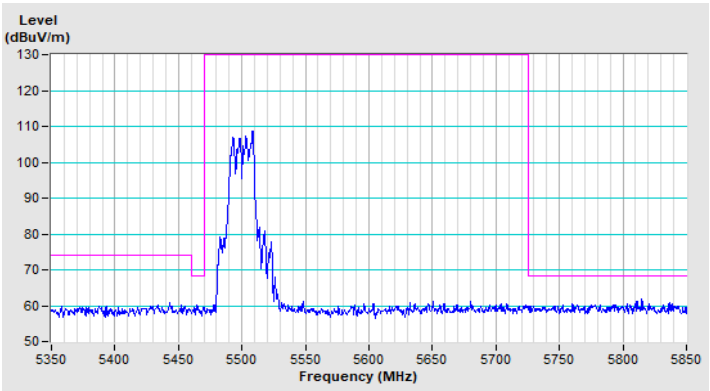
Horizontal (Peak)



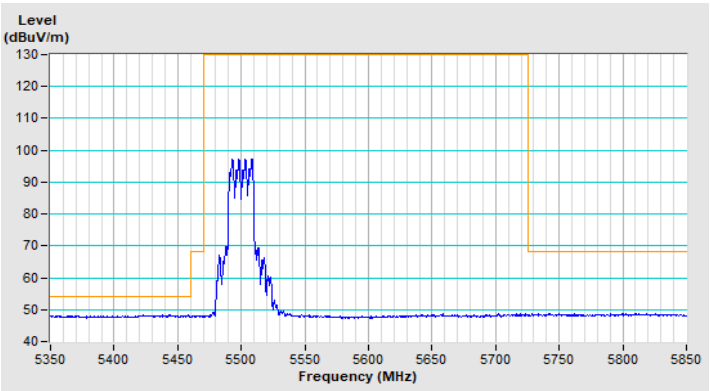
Vertical (Peak)

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

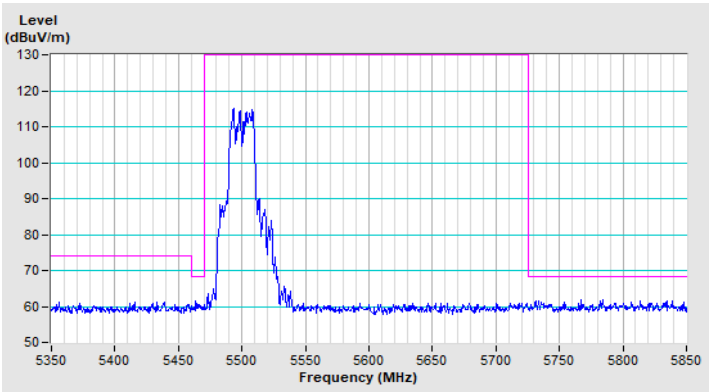
802.11be (EHT20) Channel 100



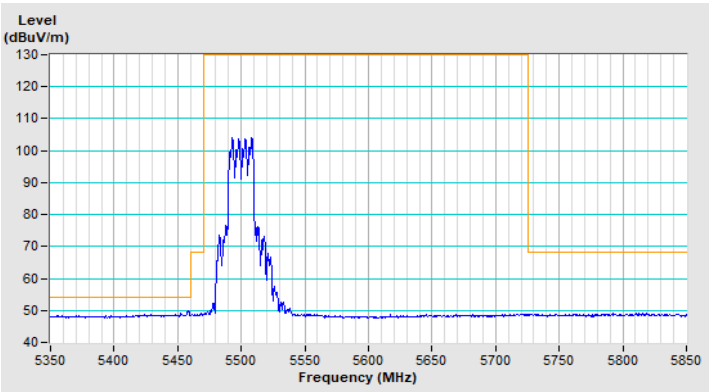
Horizontal (Peak)



Horizontal (Average)

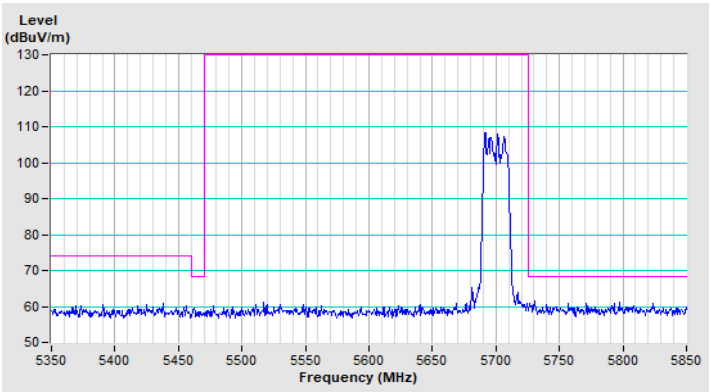


Vertical (Peak)

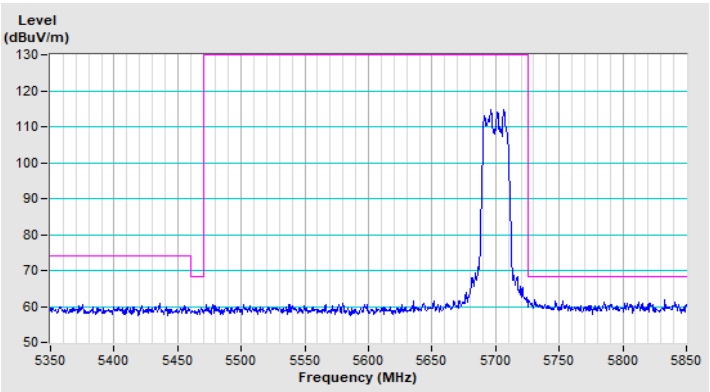


Vertical (Average)

802.11be (EHT20) Channel 140



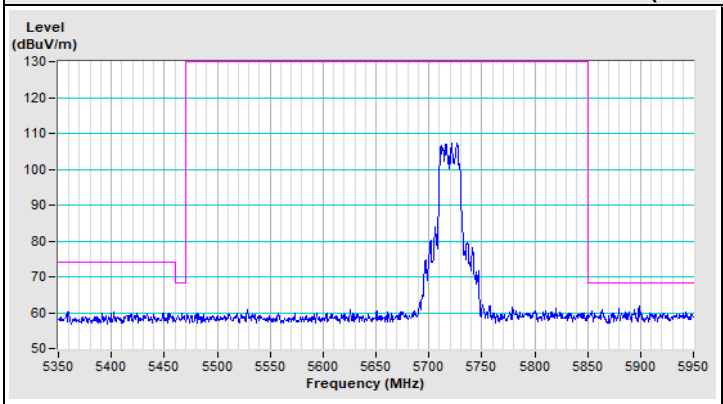
Horizontal (Peak)



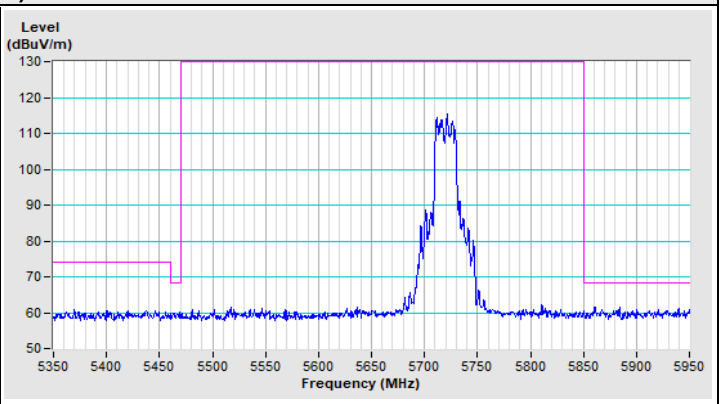
Vertical (Peak)

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

802.11be (EHT20) Channel 144



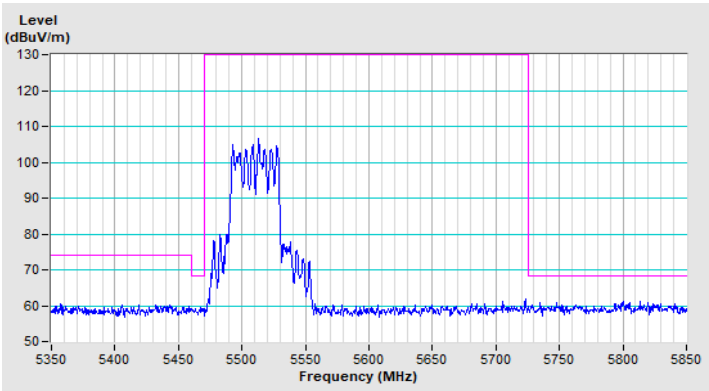
Horizontal (Peak)



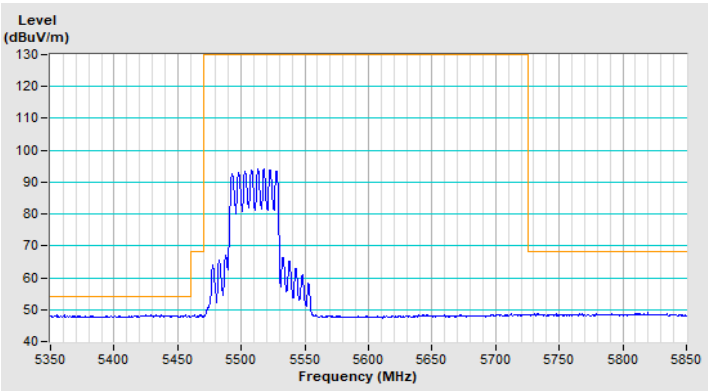
Vertical (Peak)

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

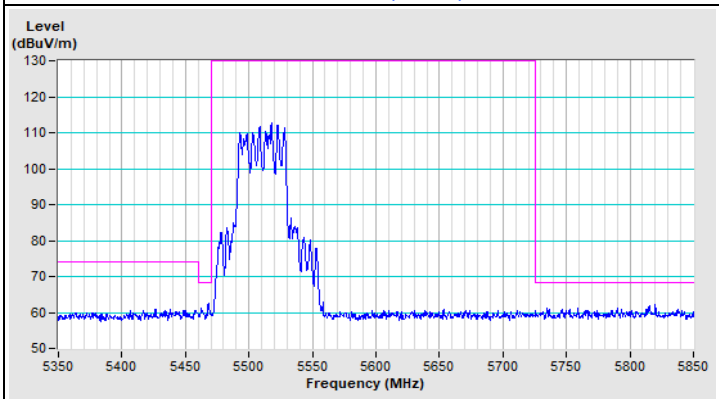
802.11be (EHT40) Channel 102



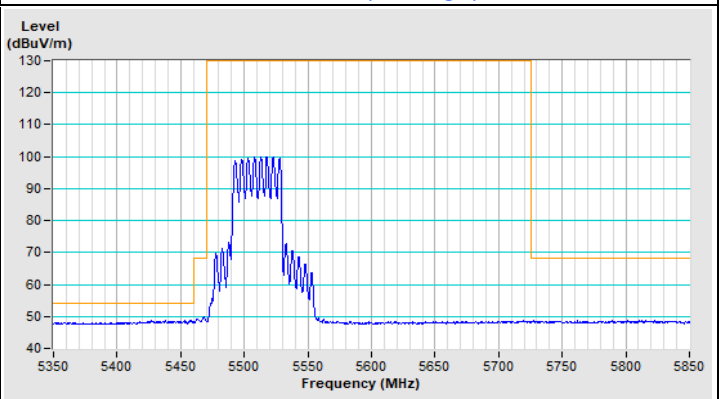
Horizontal (Peak)



Horizontal (Average)

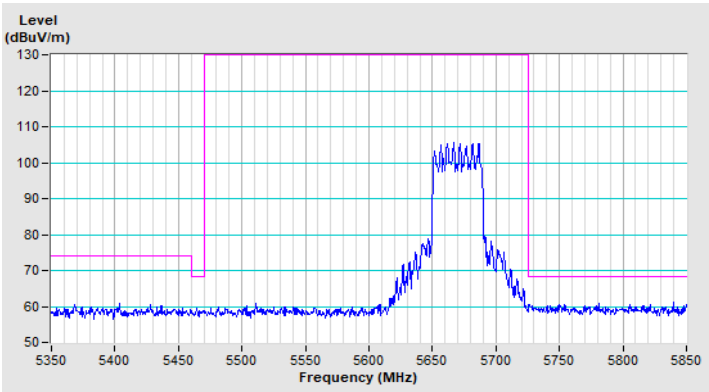


Vertical (Peak)

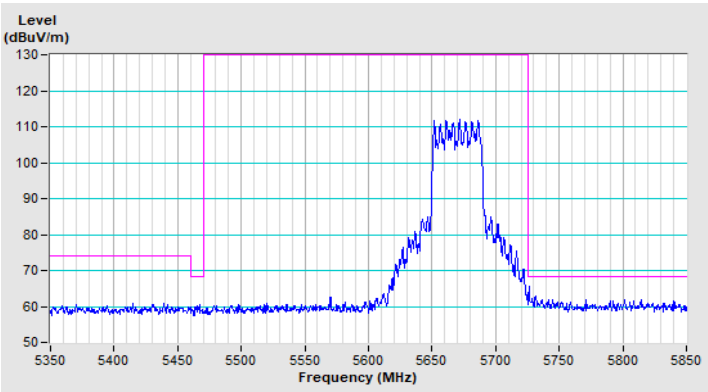


Vertical (Average)

802.11be (EHT40) Channel 134



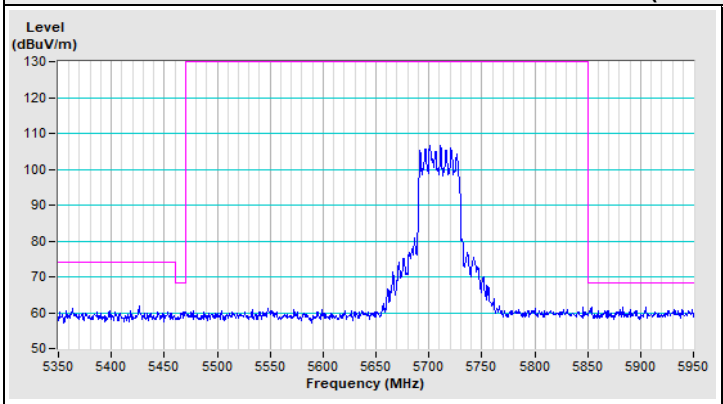
Horizontal (Peak)



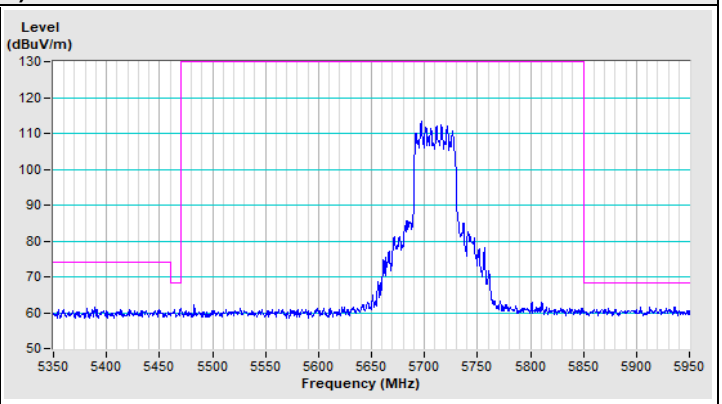
Vertical (Peak)

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

802.11be (EHT40) Channel 142



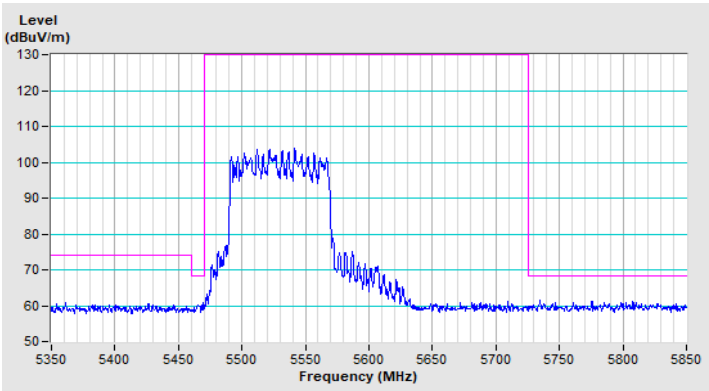
Horizontal (Peak)



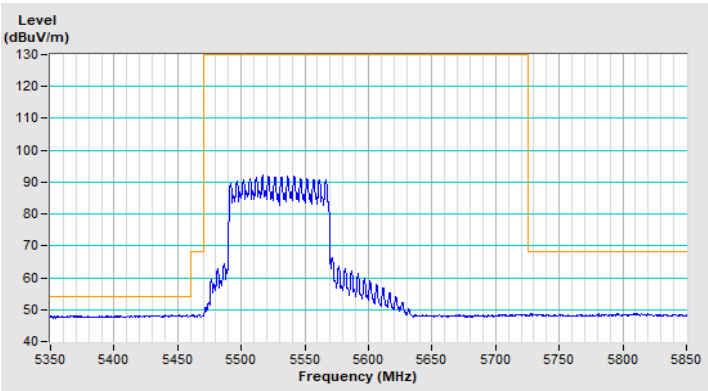
Vertical (Peak)

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

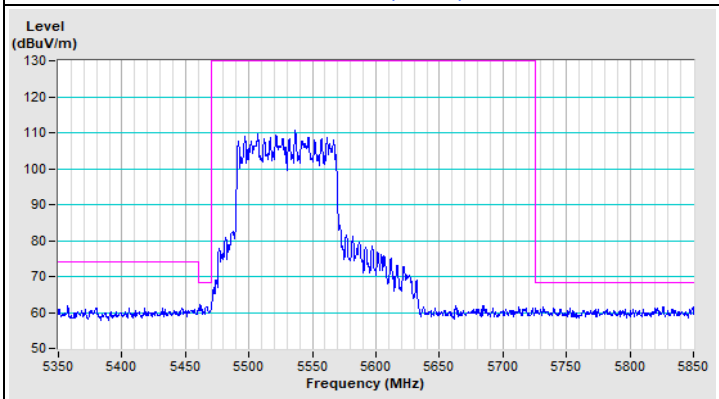
802.11be (EHT80) Channel 106



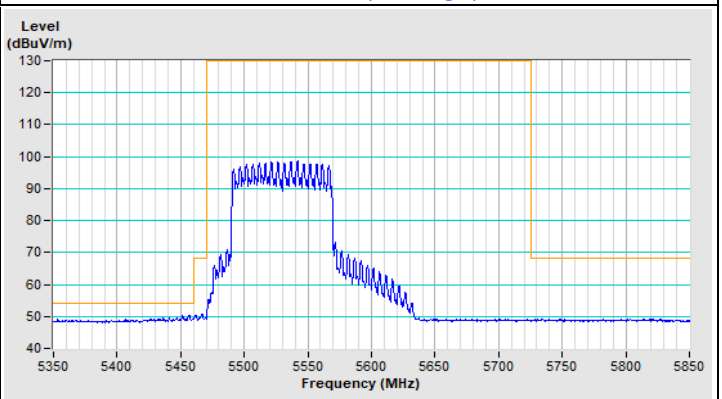
Horizontal (Peak)



Horizontal (Average)

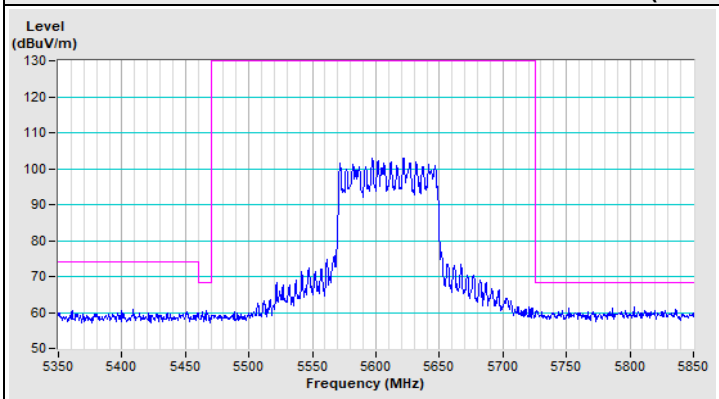


Vertical (Peak)

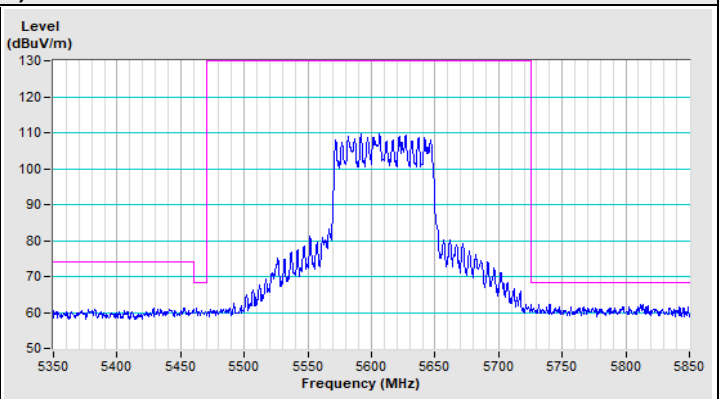


Vertical (Average)

802.11be (EHT80) Channel 122



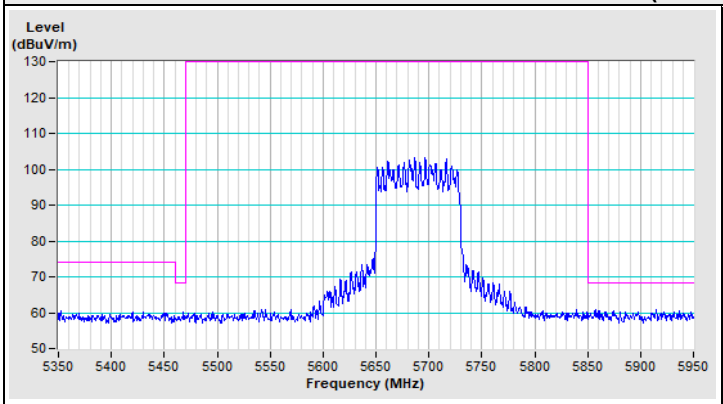
Horizontal (Peak)



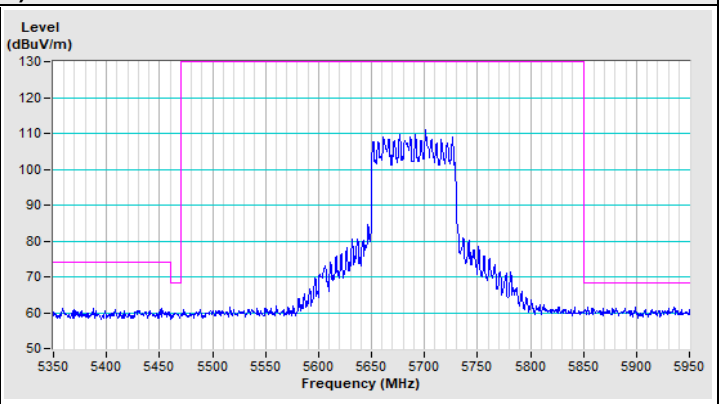
Vertical (Peak)

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

802.11be (EHT80) Channel 138



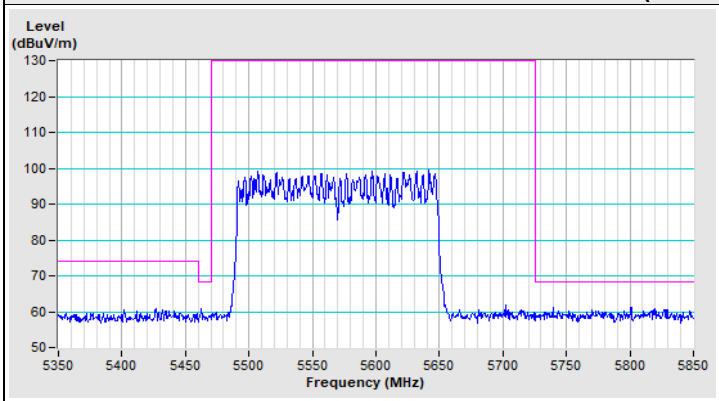
Horizontal (Peak)



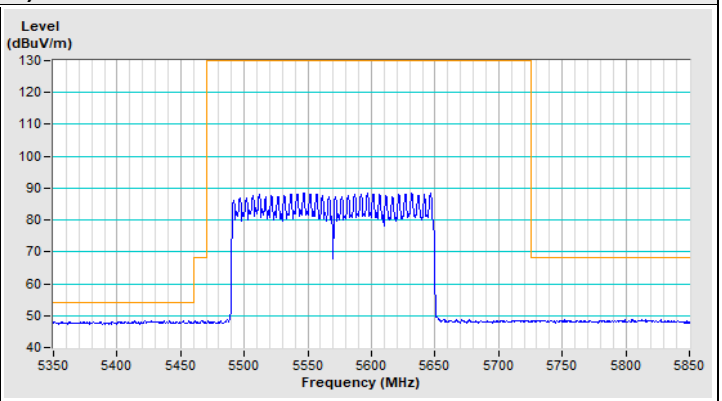
Vertical (Peak)

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

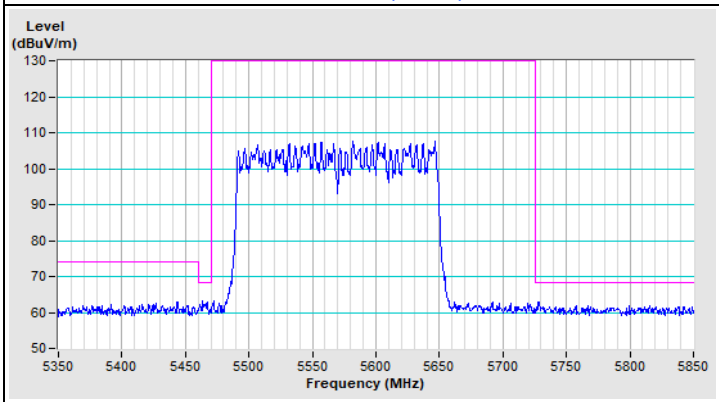
802.11be (EHT160) Channel 114



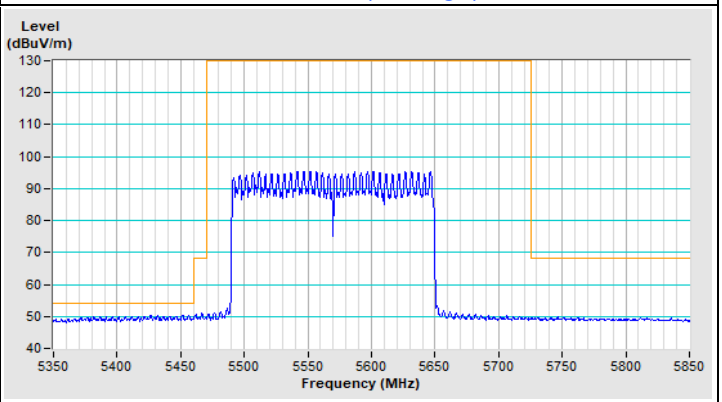
Horizontal (Peak)



Horizontal (Average)



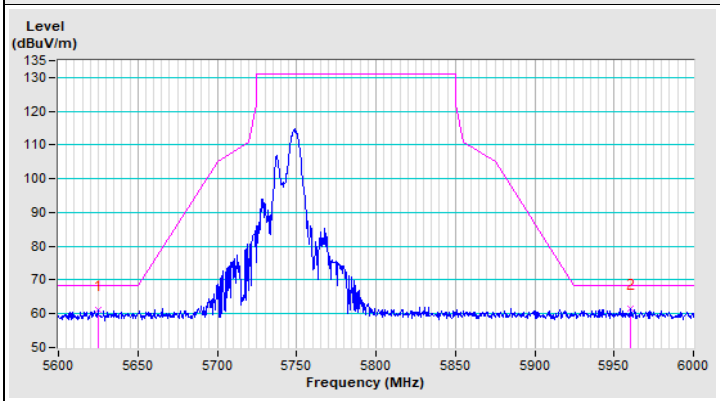
Vertical (Peak)



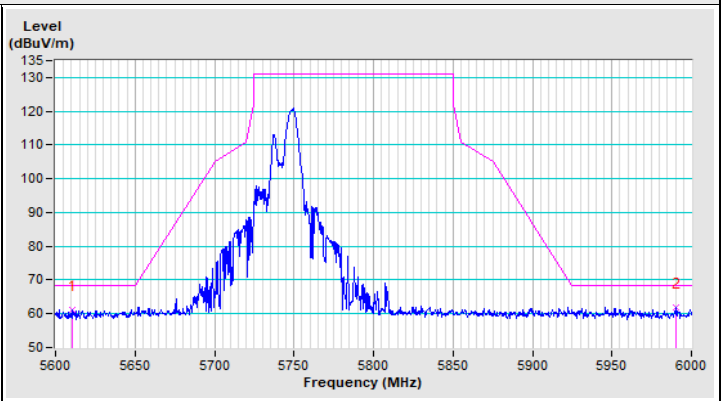
Vertical (Average)

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

802.11a Channel 149

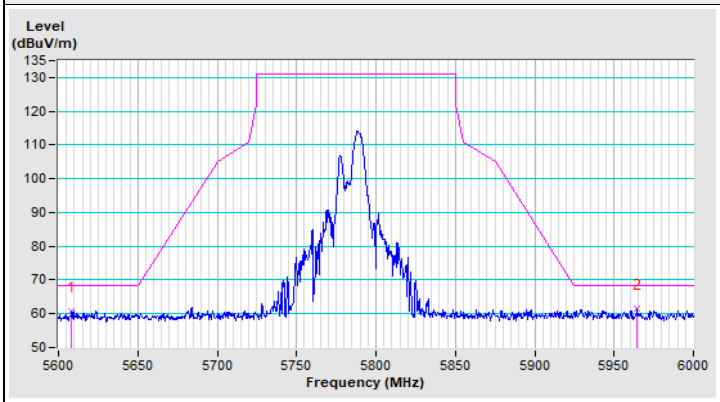


Horizontal (Peak)

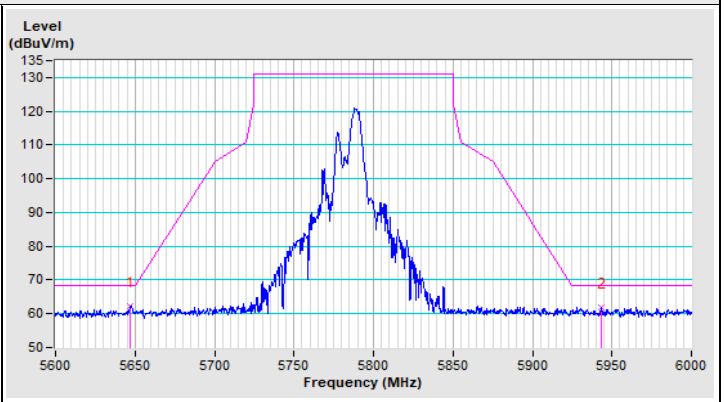


Vertical (Peak)

802.11a Channel 157

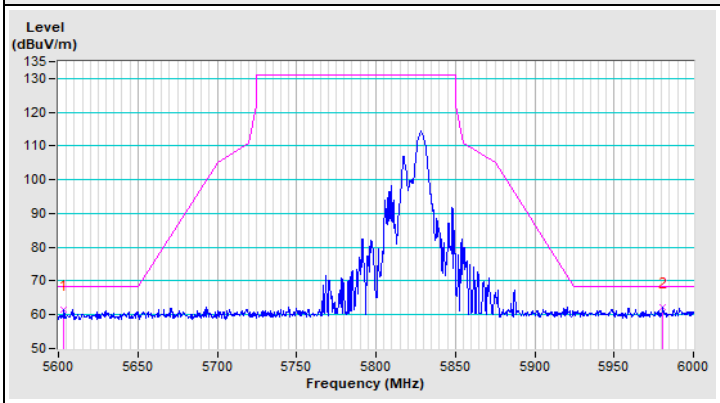


Horizontal (Peak)

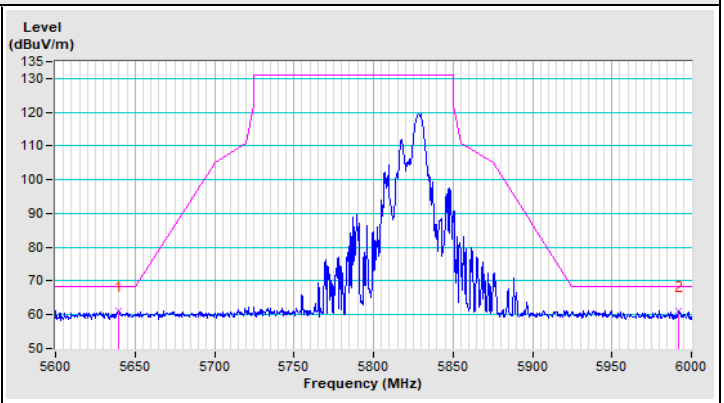


Vertical (Peak)

802.11a Channel 165



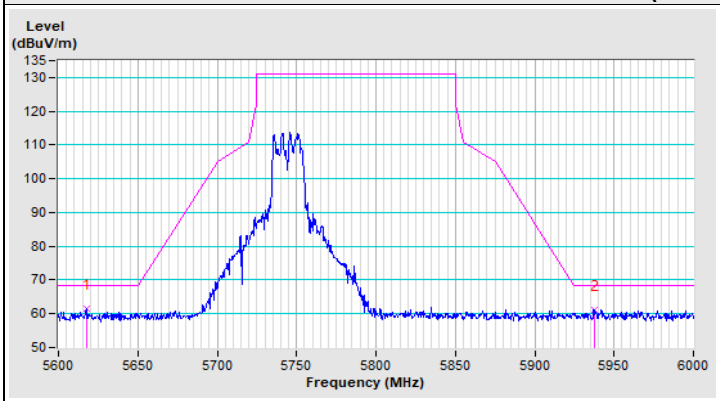
Horizontal (Peak)



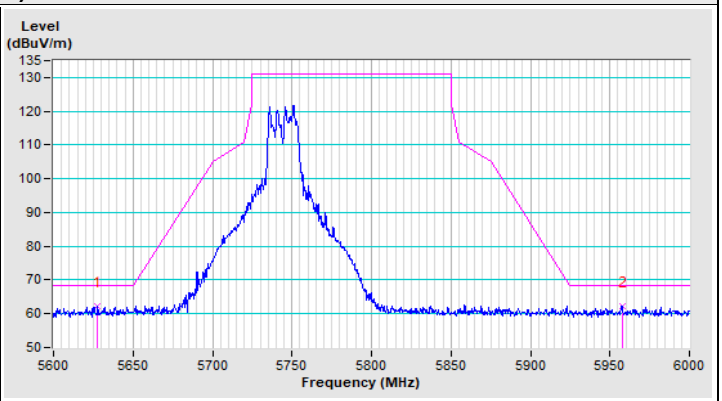
Vertical (Peak)

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

802.11be (EHT20) Channel 149

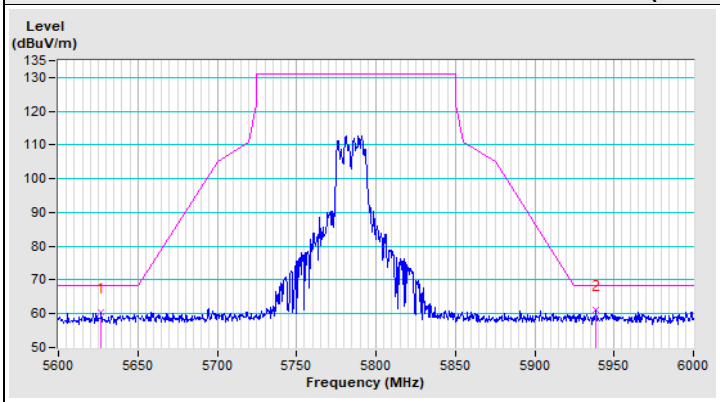


Horizontal (Peak)

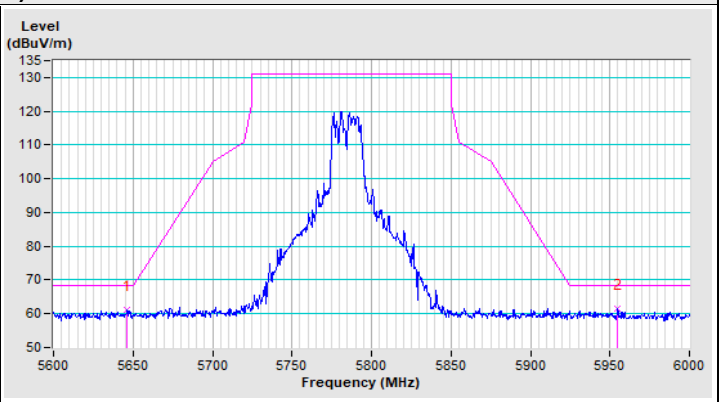


Vertical (Peak)

802.11be (EHT20) Channel 157

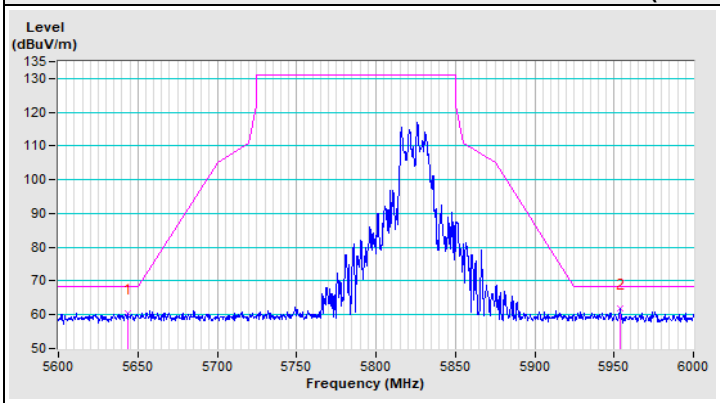


Horizontal (Peak)

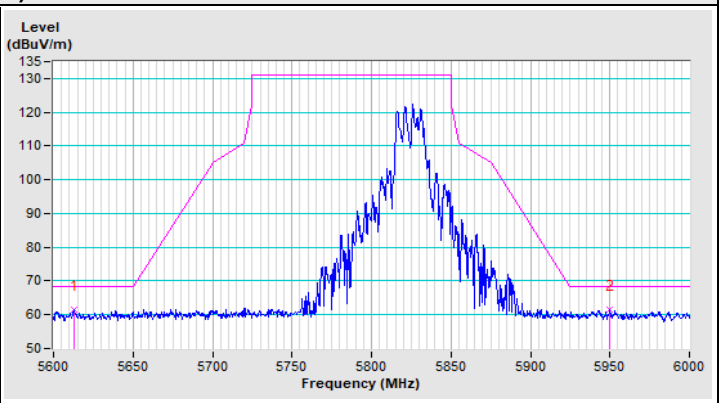


Vertical (Peak)

802.11be (EHT20) Channel 165



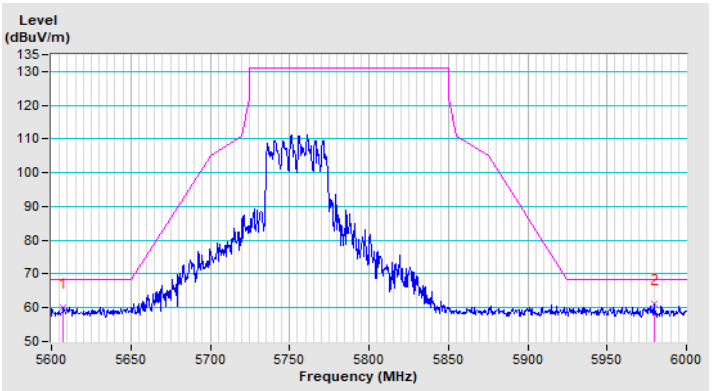
Horizontal (Peak)



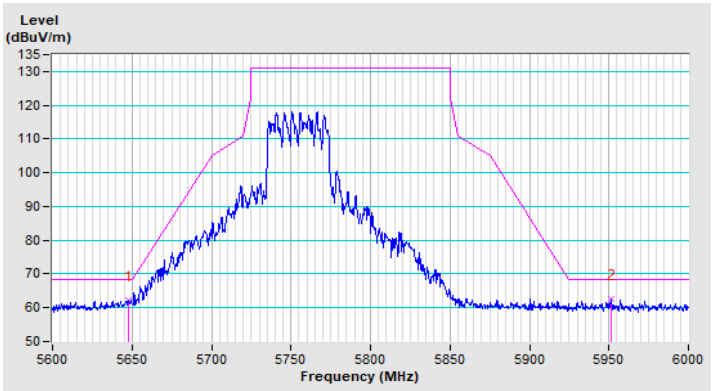
Vertical (Peak)

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

802.11be (EHT40) Channel 151

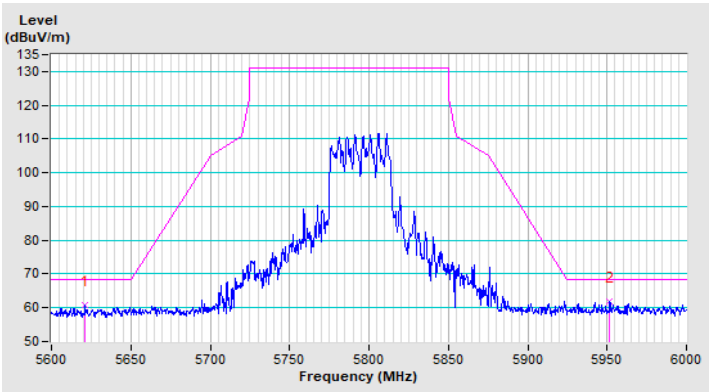


Horizontal (Peak)

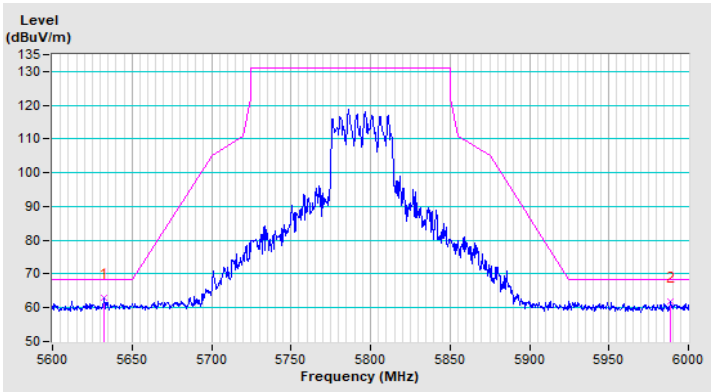


Vertical (Peak)

802.11be (EHT40) Channel 159



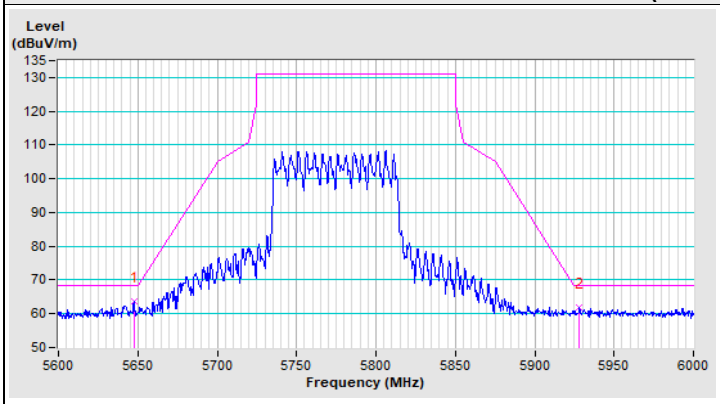
Horizontal (Peak)



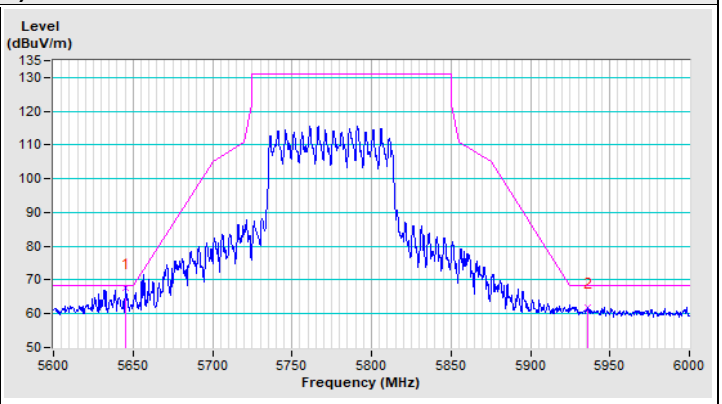
Vertical (Peak)

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

802.11be (EHT80) Channel 155



Horizontal (Peak)



Vertical (Peak)

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

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