TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 15, Subpart E (Section 15.407)**
Report No.:	RFBFLF-WTW-P24020330A-1
FCC ID:	MSQ-RTBE7F00
Product:	TUF Gaming BE6500 Dual Band WiFi 7 Router
Brand:	ASUS
Model No.:	TUF-BE6500
Received Date:	2024/5/15
Test Date:	2024/5/27 ~ 2024/7/2
Issued Date:	2024/7/15
Applicant:	ASUSTeK COMPUTER INC.
Address:	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
FCC Registration / Designation Number:	723255 / TW2022

Approved by: _____ , **Date:** 2024/7/15

May Chen / Manager

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Prepared by: Vito Lung / Specialist

Table of Contents

Release Control Record

Issue No.	Description	Date Issued
RFBFLF-WTW-P24020330A-1	Original release.	2024/7/15

1 Certificate

Product:	TUF Gaming BE6500 Dual Band WiFi 7 Router
Brand:	ASUS
Test Model:	TUF-BE6500
Sample Status:	Engineering sample
Applicant:	ASUSTeK COMPUTER INC.
Test Date:	2024/5/27 ~ 2024/7/2
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 -12.32 dB at 23.12891 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -3.7 dB at 45.74 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 5350.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.

Notes:

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

2.1 Measurement Uncertainty

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

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

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description of EUT

Product	TUF Gaming BE6500 Dual Band WiFi 7 Router
Brand	ASUS
Test Model	TUF-BE6500
Status of EUT	Engineering sample
Power Supply Rating	12 Vdc from adapter
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax mode 4096QAM for OFDMA in 11be mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11n: up to 600 Mbps 802.11ac: up to 3466.7 Mbps 802.11ax: up to 4803.9 Mbps 802.11be: up to 8647.2 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): 2 802.11be (EHT240): 1
Output Power	**CDD:** 5.18 GHz ~ 5.25 GHz: 657.945 mW (28.18 dBm) 5.26 GHz ~ 5.32 GHz: 164.322mW (22.16 dBm) 5.5 GHz ~ 5.72 GHz: 152.701 mW (21.84 dBm) 5.745 GHz ~ 5.825 GHz: 957.301 mW (29.81 dBm) **Beamforming:** 5.18 GHz ~ 5.25 GHz: 670.074 mW (28.26 dBm) 5.26 GHz ~ 5.32 GHz: 167.714 mW (22.25 dBm) 5.5 GHz ~ 5.72 GHz: 155.686 mW (21.92 dBm) 5.745 GHz ~ 5.825 GHz: 672.308 mW (28.28 dBm)
EUT Category	Indoor Access Point

Note:

1. The EUT uses following accessories.

Item	Brand	Model	Specification
AC Adapter 1 (1st source)	Frecom	F30L10-120250SPAU	AC Input: 100-240 V~, 50/60 Hz, 1.25A DC Output: 12 V⎓, 2.5 A, 30 W Plug: US DC Output Cable: 1.5 m, unshielded
AC Adapter 2 (2nd source)	Ruide	RD1202500-C55-195MG	AC Input: 100-240 V~, 50/60 Hz, 1.5 A MAX DC Output: 12 V⎓, 2.5 A Plug: US DC Output Cable: 1.5 m, unshielded
RJ45 Cable	-	-	DC Output Cable: 1.5m, unshielded

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

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

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 No.	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
2.4G-1	0	RFlink	8000000056992634	2.55	2.4~2.4835	Dipole	ipex(MHF)	90
2.4G-2	1	RFlink	8000000056982634	2.25	2.4~2.4835	Dipole	ipex(MHF)	240
5G-1	0	RFlink	8000000056952634	2.37 2.68 2.85 2.48	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	Dipole	ipex(MHF)	90
5G-2	1	RFlink	8000000057002634	2.89 2.28 2.67 2.74	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	Dipole	ipex(MHF)	120
5G-3	2	RFlink	8000000056972634	2.34 2.35 2.59 2.75	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	Dipole	ipex(MHF)	165
5G-4	3	RFlink	8000000056962634	2.57 2.77 2.78 2.14	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	Dipole	ipex(MHF)	215

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

2. The directional gain table:

Frequency Range (GHz)	Directional Antenna Gain (dBi)	Antenna Type	Connector Type
2.4~2.4835	5.56	Dipole	ipex(MHF)
5.15 ~ 5.25	7.69	Dipole	ipex(MHF)
5.25 ~ 5.35	7.72	Dipole	ipex(MHF)
5.47 ~ 5.725	8.05	Dipole	ipex(MHF)
5.725 ~ 5.85	7.66	Dipole	ipex(MHF)

3. The EUT incorporates a MIMO function:

5 GHz Band		
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
802.11be (EHT240)	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, 160 MHz), 802.11ax mode for 20 MHz (40 MHz, 80 MHz, 160 MHz) and 802.11be mode for 20 MHz (40 MHz, 80 MHz, 160 MHz) therefore the manufacturer will control the power for 802.11n/ac/ax mode is same as the 802.11be mode or more lower than it and investigated worst case to representative mode in test report.

3.3 Channel List

FOR 5180 ~ 5320 MHz

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

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

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

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

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

Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz

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

Channel	Frequency
50	5250 MHz

FOR 5500 ~ 5720 MHz

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

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

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

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

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

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

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

Channel	Frequency
114	5570 MHz

1 channel is provided for 802.11be (EHT240):

Channel	Frequency
122	5610 MHz

FOR 5745 ~ 5825 MHz:

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

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

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

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

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

Channel	Frequency
155	5775 MHz

3.4 Test Mode Applicability and Tested Channel Detail

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

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

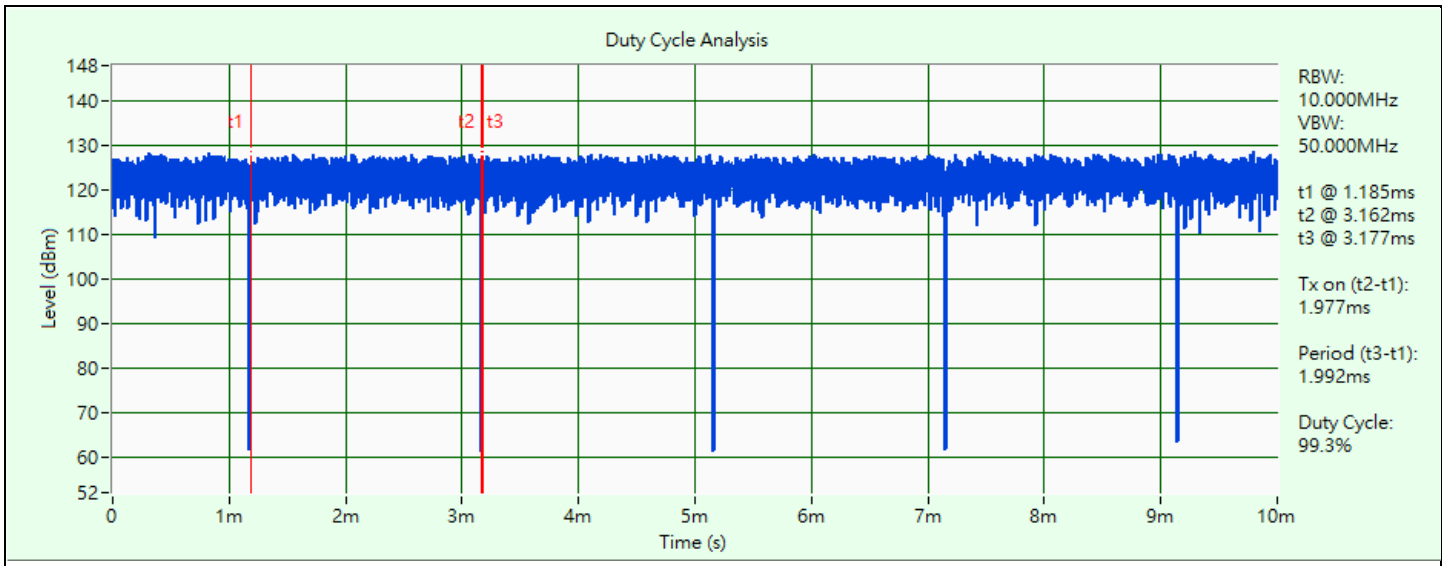
Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
26 dB Bandwidth	802.11a	CDD	52, 60, 64, 100, 116, 140, 144	BPSK	6Mb/s
	802.11be (EHT20)	Beamforming	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0
	802.11be (EHT40)		54, 62, 102, 110, 134, 142	BPSK	MCS0
	802.11be (EHT80)		58, 106, 122,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

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

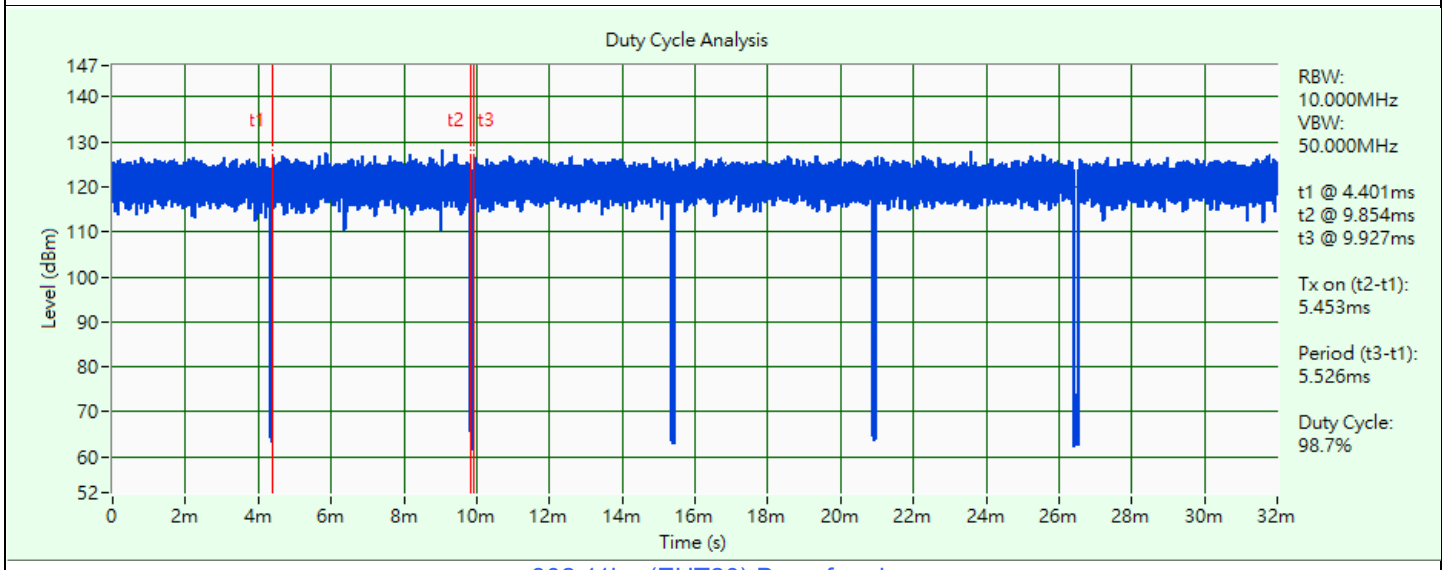
Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
Unwanted Emissions above 1 GHz	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
	802.11be (EHT20)	Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
	802.11be (EHT40)		38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
	802.11be (EHT80)		42, 58, 106, 122, 138, 155	BPSK	MCS0
	802.11be (EHT160)		50, 114	BPSK	MCS0
	802.11be (EHT240)		122	BPSK	MCS0
Note: Partial RU (resource unit) and channel puncturing mechanisms are not supported.					

3.5 Duty Cycle of Test Signal

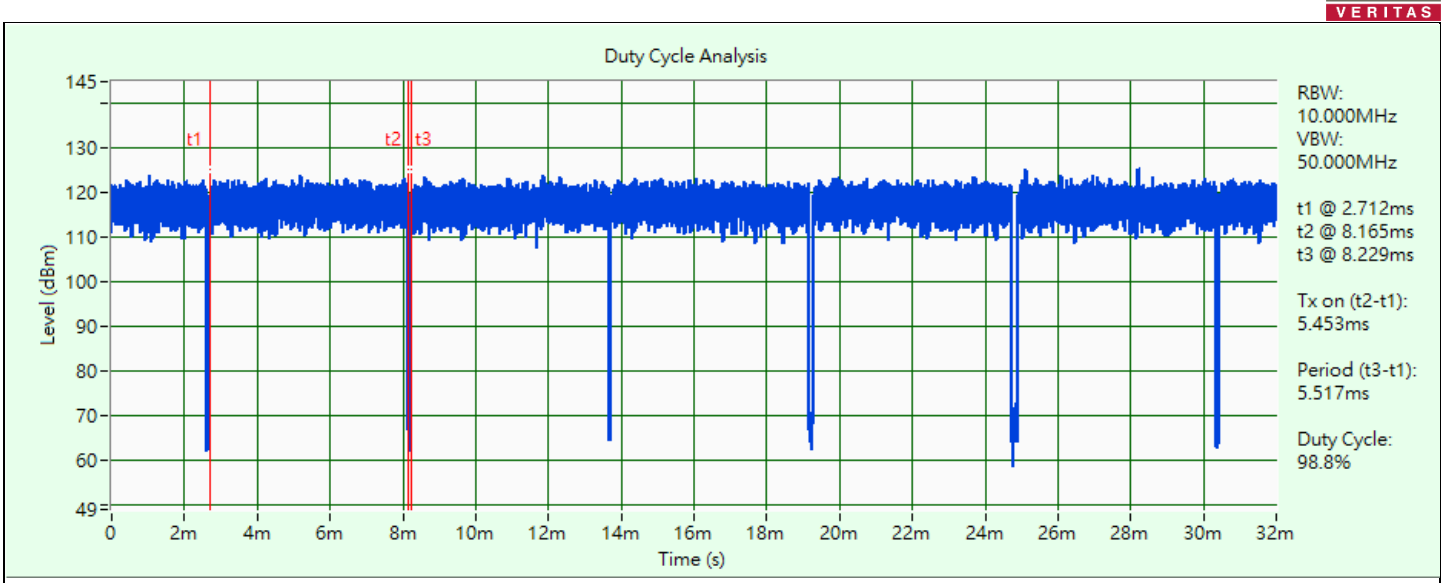
802.11a CDD: Duty cycle = 1.977 ms / 1.992 ms x 100% = 99.2%
802.11be (EHT20) Beamforming: Duty cycle = 5.453 ms / 5.526 ms x 100% = 98.7%
802.11be (EHT40) Beamforming: Duty cycle = 5.453 ms / 5.517 ms x 100% = 98.8%
802.11be (EHT80) Beamforming: Duty cycle = 5.452 ms / 5.508 ms x 100% = 99.0%
802.11be (EHT160) Beamforming: Duty cycle = 5.454 ms / 5.552 ms x 100% = 98.2%
802.11be (EHT240) Beamforming: Duty cycle = 5.457 ms / 5.522 ms x 100% = 98.8%



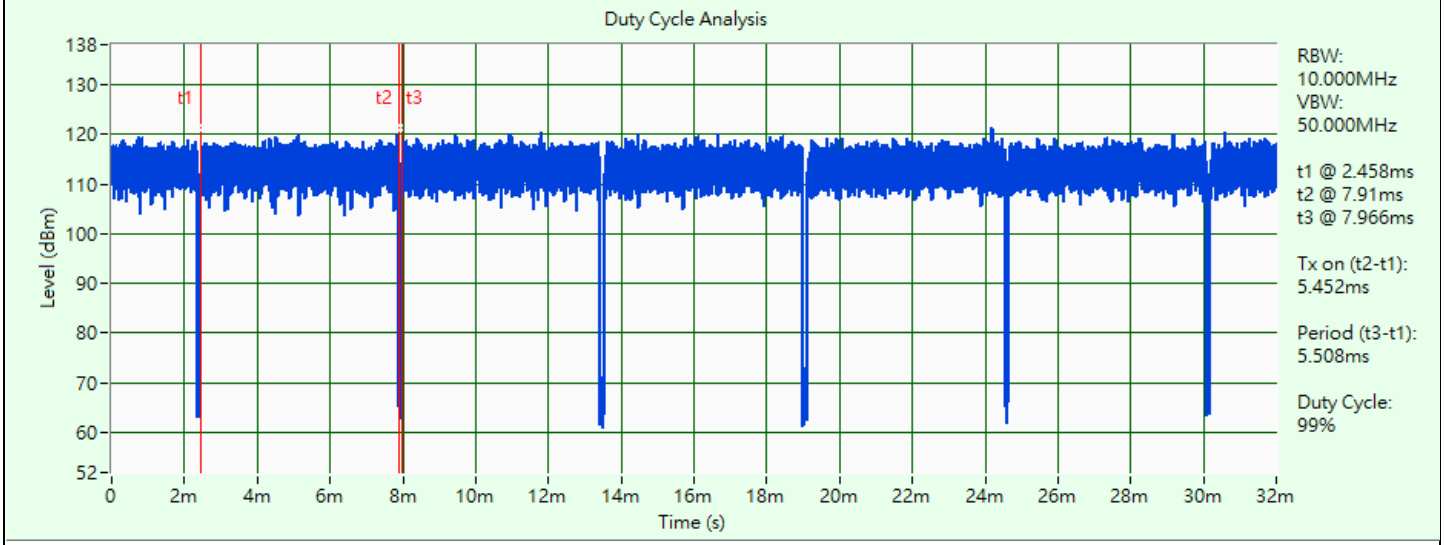
802.11a CDD



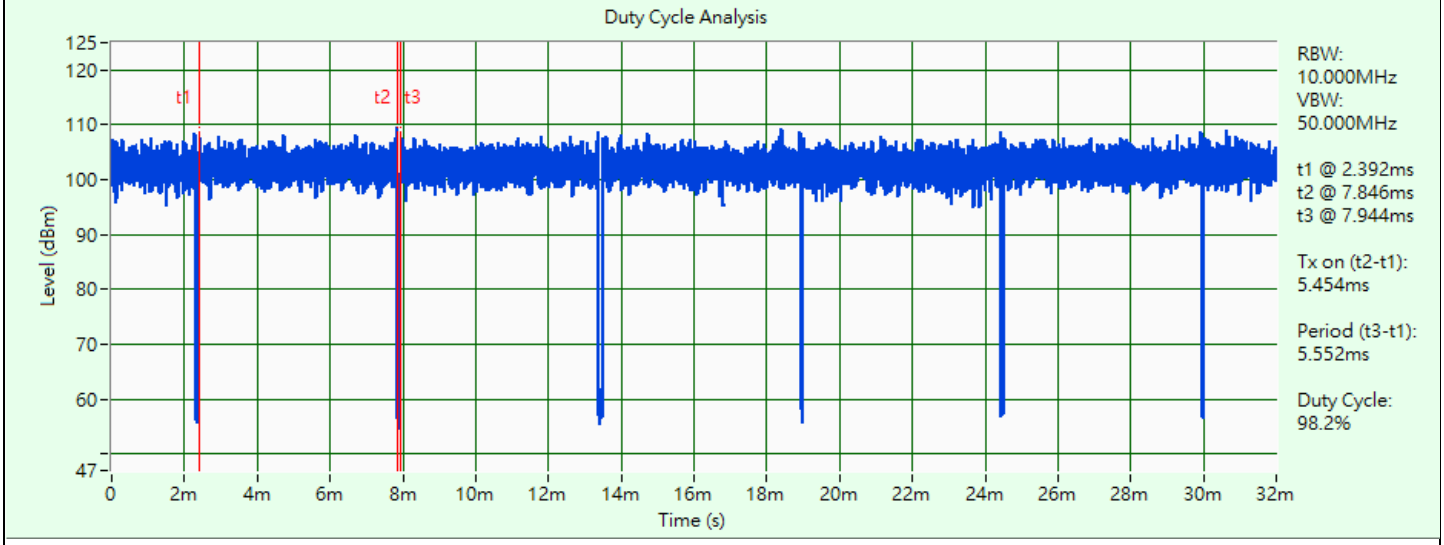
802.11be (EHT20) Beamforming



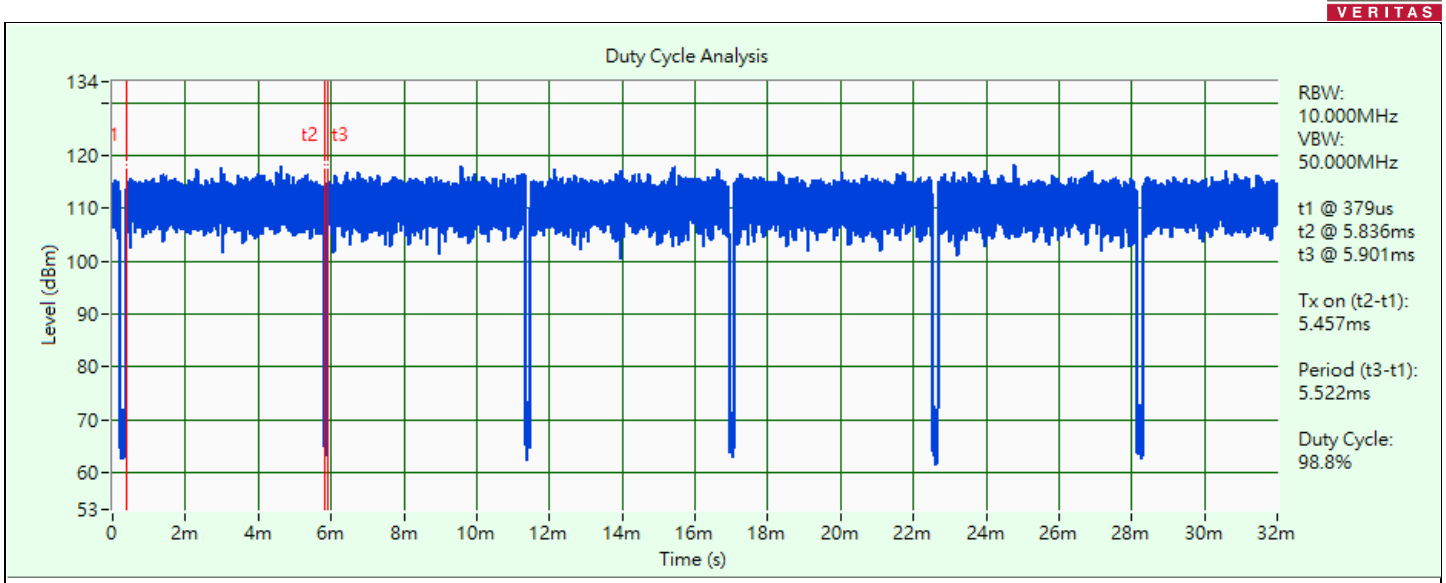
802.11be (EHT40) Beamforming



802.11be (EHT80) Beamforming



802.11be (EHT160) Beamforming

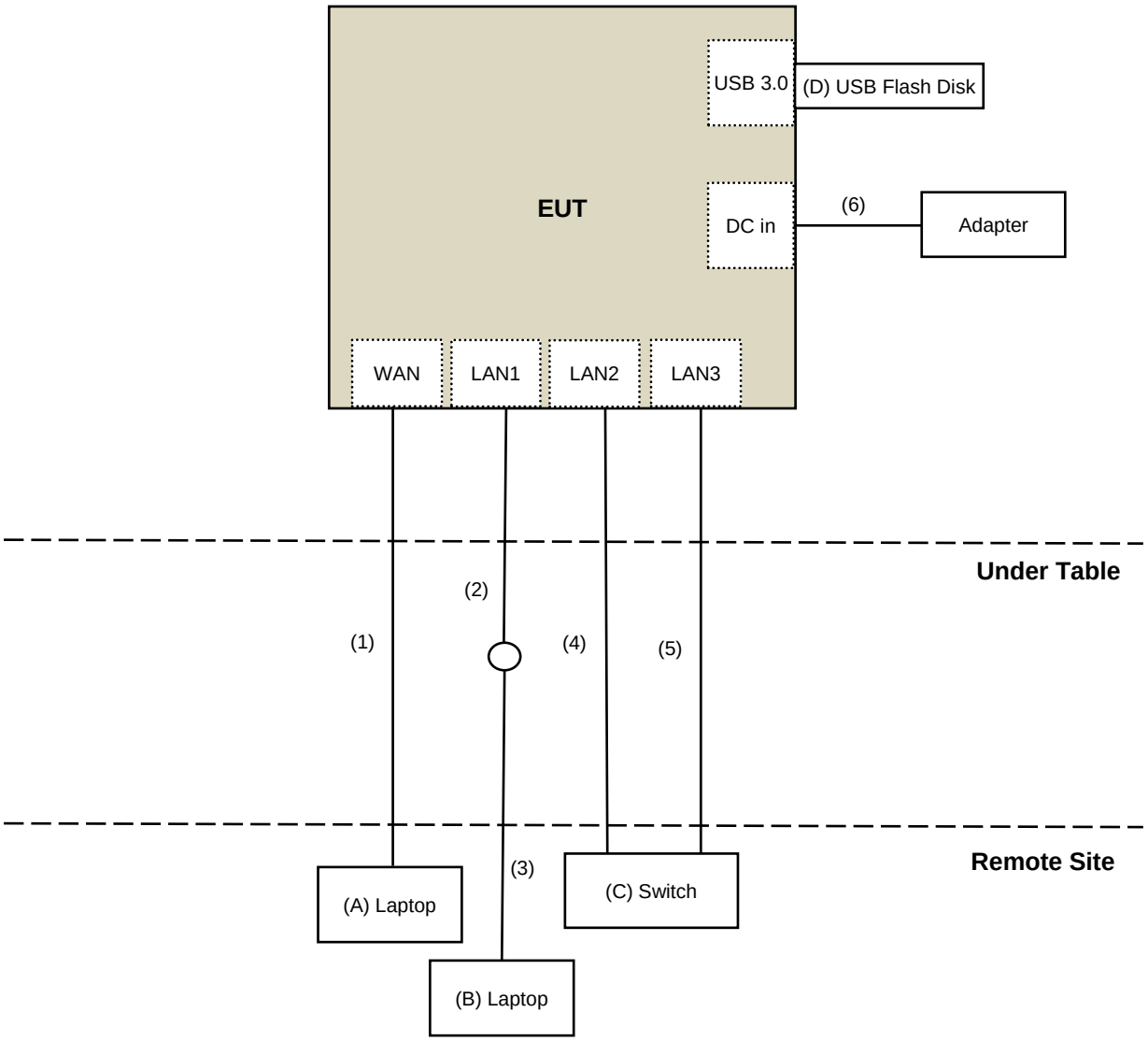


802.11be (EHT240) Beamforming

3.6 Test Program Used and Operation Descriptions

Controlling software (QPSR V6.00.00114.1) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Lenovo	20U5S01X00 L14	PF-1ANPYA	N/A	Provided by Lab
B	Laptop	Lenovo	20U5S01X00 L14	PF-28LKK7	N/A	Provided by Lab
C	Switch	D-Link	DGS-1005D	DR8WC92000523	N/A	Provided by Lab
D	USB Flash Disk	Transcend	16GB JetFlash 700	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	No	0	Provided by Lab
2	RJ-45 Cable	1	1.5	No	0	Supplied by applicant
3	RJ-45 Cable	1	10	No	0	Provided by Lab
4	RJ-45 Cable	1	10	No	0	Provided by Lab
5	RJ-45 Cable	1	10	No	0	Provided by Lab
6	DC Cable	1	1.5	No	0	Supplied by applicant

4 Test Instruments

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

4.1 26 dB Bandwidth

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

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/6/25 ~ 2024/7/2

4.2 RF Output Power

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

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/6/25 ~ 2024/7/2

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
DC Power Supply GOOD WILL INSTRUMENT CO. LTD	GPC-3030D	E847076	N/A	N/A
MXA Signal Analyzer Keysight	N9020B	MY60112408	2024/3/7	2025/3/6
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2023/12/20	2024/12/19
True RMS Clamp Meter FLUKE	325	31130711WS	2024/6/13	2025/6/12

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/6/25 ~ 2024/7/2

4.7 AC Power Conducted Emissions

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

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2024/6/25

4.8 Unwanted Emissions below 1 GHz

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

Notes:
1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2024/6/25

4.9 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-783	2023/11/12	2024/11/11
	BBHA 9170	9170-739	2023/11/12	2024/11/11
MXE EMI Receiver Agilent	N9038A	MY51210202	2023/7/19	2024/7/18
Preamplifier EMCI	EMC12630SE	980688	2023/10/3	2024/10/2
	EMC184045SE	980387	2023/8/9	2024/8/8
RF Coaxial Cable EMCI	EMC102-KM-KM-1200	160924	2024/1/29	2025/1/28
	EMC102-KM-KM-4000	200214	2024/1/29	2025/1/28
	EMC104-SM-SM-1200	160922	2024/1/29	2025/1/28
	EMC104-SM-SM-2000	180502	2024/1/29	2025/1/28
	EMC104-SM-SM-6000	210704	2023/11/2	2024/11/1
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:
1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2024/5/27 ~ 2024/7/2

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.		

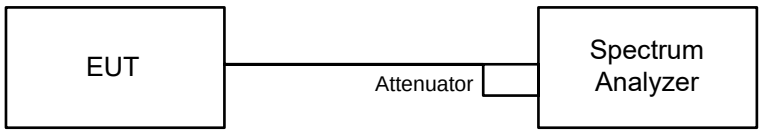
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 26 dB Bandwidth

6.1.1 Test Setup



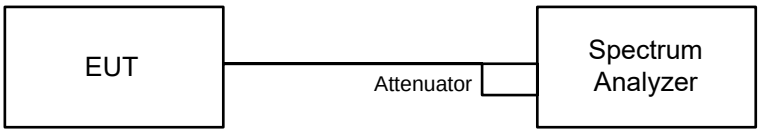
6.1.2 Test Procedure

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:

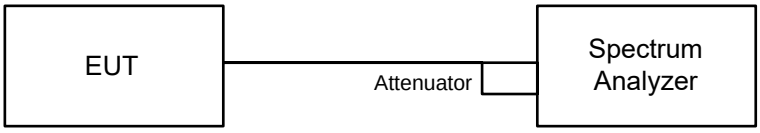
Method SA-1

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

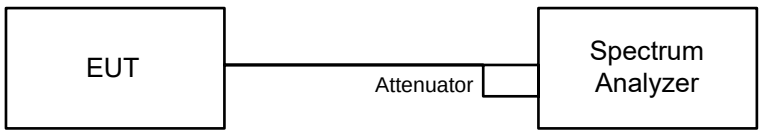
a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
c. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
d. Sweep time = auto, trigger 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

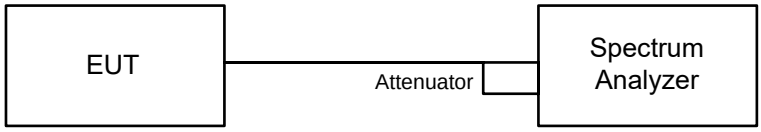


6.4.2 Test Procedure

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

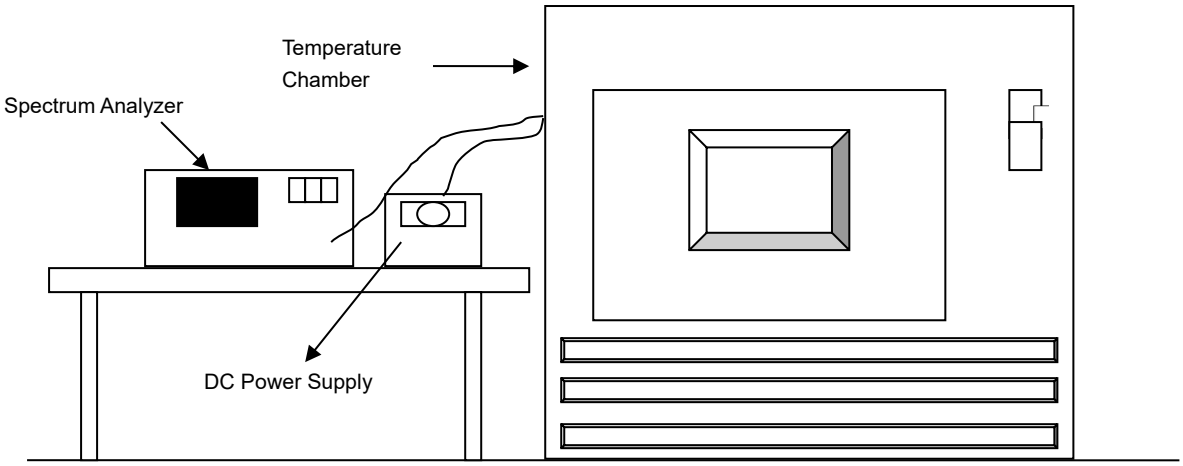


6.5.2 Test Procedure

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

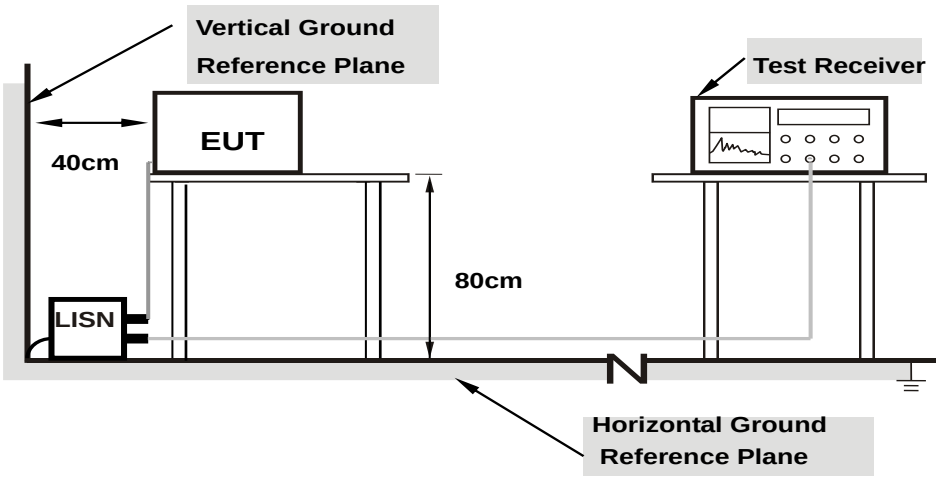


6.6.2 Test Procedure

a. The EUT was placed inside the environmental test chamber and powered by nominal DC 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.

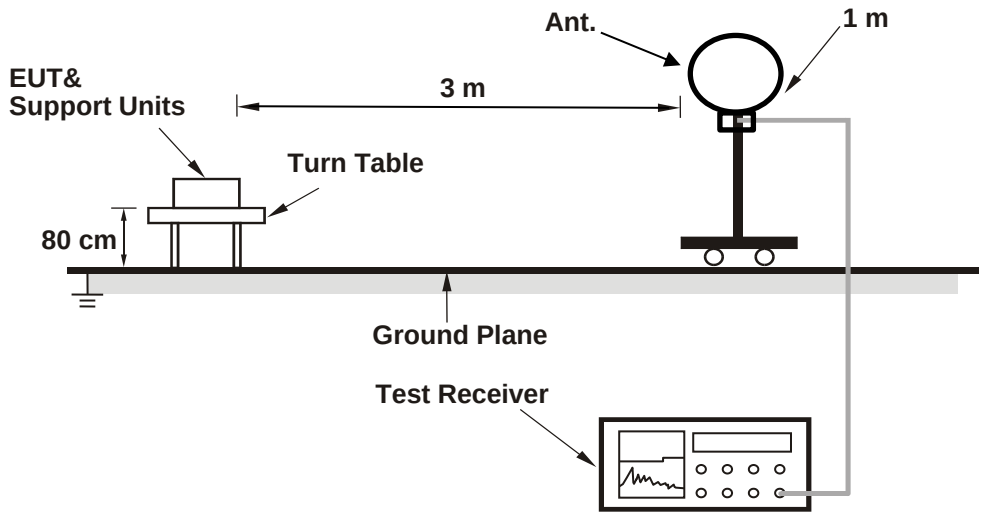
c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

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.

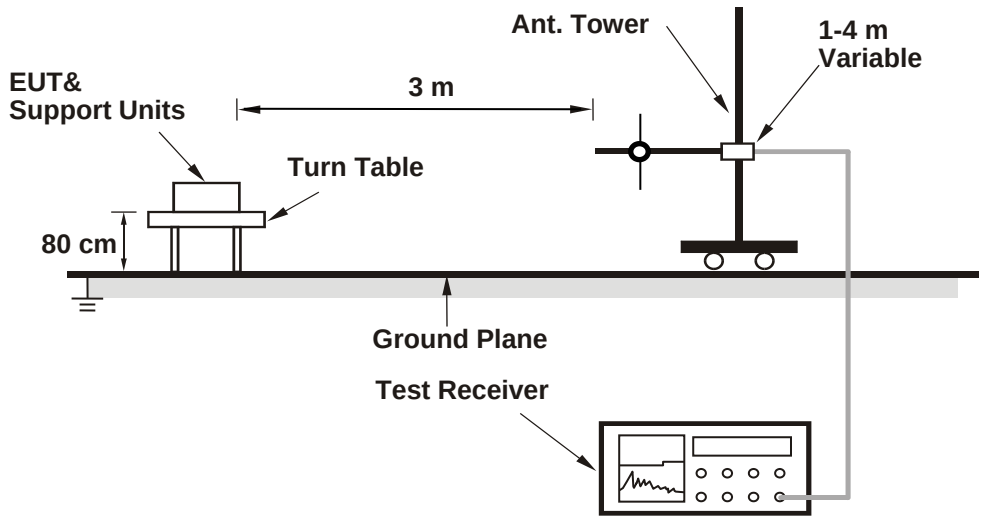
6.8 Unwanted Emissions below 1 GHz

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.

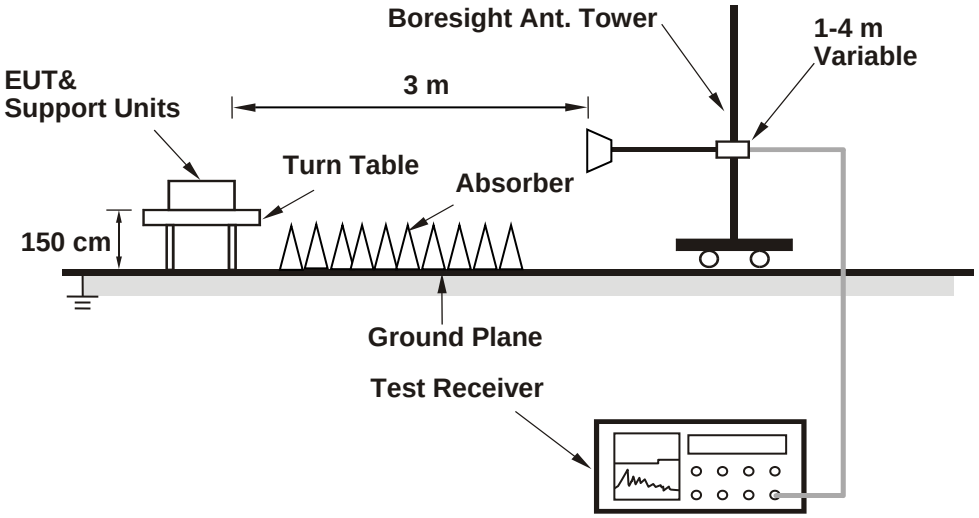
e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

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:	12 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

802.11a CDD

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	22.33	22.17	22.86	22.99
60	5300	22.43	22.29	22.93	22.56
64	5320	22.56	22.80	22.82	22.40
100	5500	22.50	22.51	22.88	22.64
116	5580	22.39	22.89	22.54	22.36
140	5700	22.44	22.45	22.46	22.47
144 (U-NII-2C)	5720	16.31	15.89	16.15	16.33
144 (U-NII-3)	5720	6.27	6.24	6.70	6.62

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	22.17	24.45	>	24
60	5300	22.29	24.48	>	24
64	5320	22.40	24.5	>	24
100	5500	22.50	24.52	>	24
116	5580	22.36	24.49	>	24
140	5700	22.44	24.51	>	24
144 (U-NII-2C)	5720	15.89	23.01	<	24

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

802.11be (EHT20) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	22.93	23.14	23.14	22.87
60	5300	22.68	22.91	23.72	23.32
64	5320	22.96	22.86	23.37	23.72
100	5500	23.04	22.60	23.70	22.94
116	5580	22.78	22.87	23.82	23.30
140	5700	22.84	22.85	23.10	23.73
144 (U-NII-2C)	5720	16.63	16.61	16.70	16.37
144 (U-NII-3)	5720	6.90	6.52	6.43	6.61

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	22.87	24.59	>	24
60	5300	22.68	24.55	>	24
64	5320	22.86	24.59	>	24
100	5500	22.60	24.54	>	24
116	5580	22.78	24.57	>	24
140	5700	22.84	24.58	>	24
144 (U-NII-2C)	5720	16.37	23.14	<	24

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

802.11be (EHT40) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	43.83	43.23	42.94	43.39
62	5310	43.87	43.85	43.09	43.83
102	5510	44.33	43.87	43.52	43.76
110	5550	44.12	43.66	43.24	43.44
134	5670	44.08	44.01	43.60	43.29
142 (U-NII-2C)	5710	36.56	36.97	36.70	36.90
142 (U-NII-3)	5710	7.03	6.36	6.72	7.10

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
54	5270	42.94	27.32 > 24
62	5310	43.09	27.34 > 24
102	5510	43.52	27.38 > 24
110	5550	43.24	27.35 > 24
134	5670	43.29	27.36 > 24
142 (U-NII-2C)	5710	36.56	26.63 > 24

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

802.11be (EHT80) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	88.96	89.52	87.40	88.19
106	5530	87.67	87.07	90.45	90.49
122	5610	87.38	86.97	88.30	88.80
138 (U-NII-2C)	5690	79.77	80.10	79.99	79.05
138 (U-NII-3)	5690	9.05	9.09	11.01	10.32

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
58	5290	87.40	30.41 > 24
106	5530	87.07	30.39 > 24
122	5610	86.97	30.39 > 24
138 (U-NII-2C)	5690	79.05	29.97 > 24

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

802.11be (EHT160) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
50 (U-NII-1)	5250	86.89	86.13	85.65	85.66
50 (U-NII-2A)	5250	86.10	85.82	86.88	85.38
114	5570	170.59	171.55	173.10	169.37

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
50 (U-NII-2A)	5250	85.38	30.31 > 24
114	5570	169.37	33.28 > 24

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

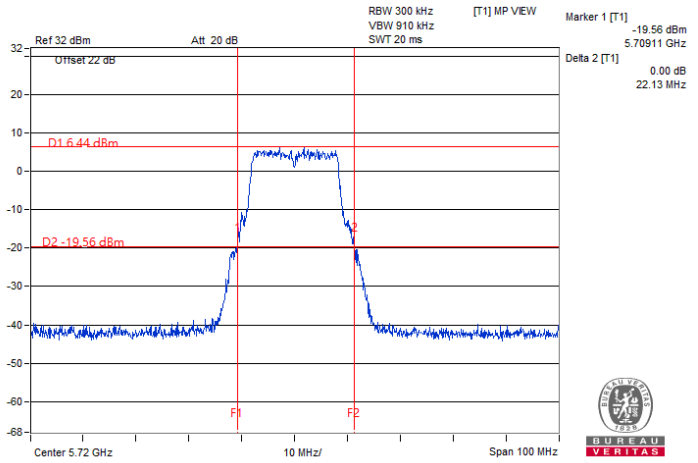
802.11be (EHT240) Beamforming

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
122 (U-NII-2C)	5610	246.80	244.39	244.48	244.92
122 (U-NII-3)	5610	72.32	82.08	72.73	68.66

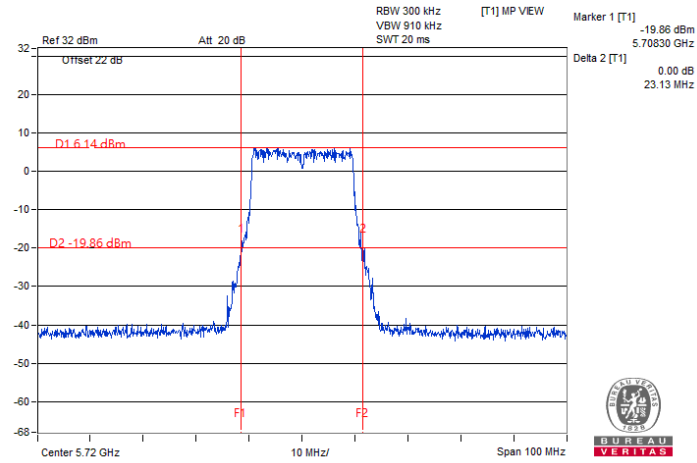
Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
122 (U-NII-2C)	5610	244.39	34.88 > 24

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

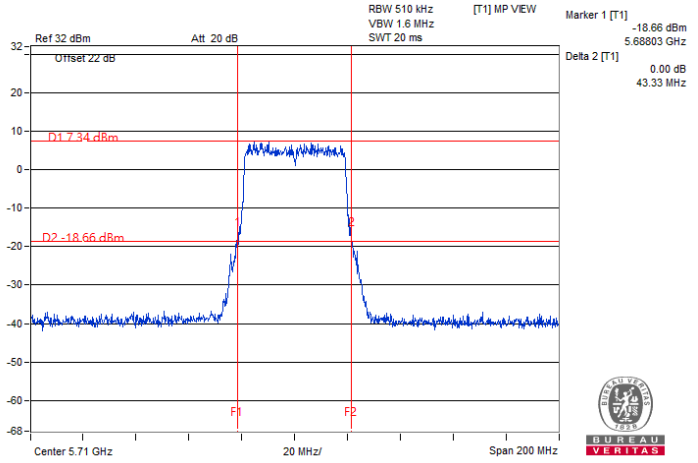
Spectrum Plot of Minimum Value



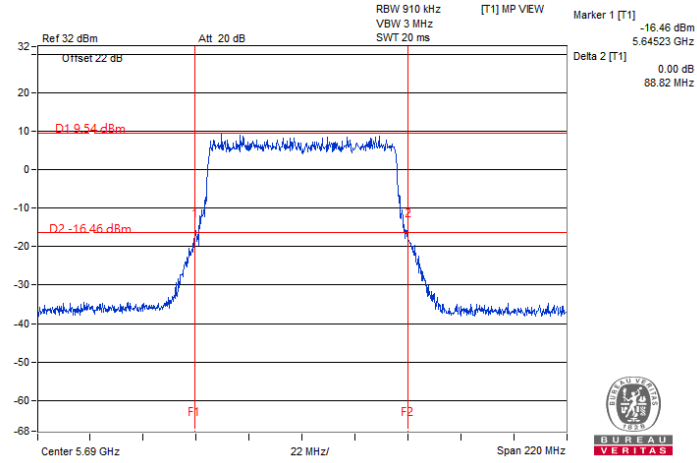
802.11a CDD / Chain 1 : CH 144 (U-NII-3)



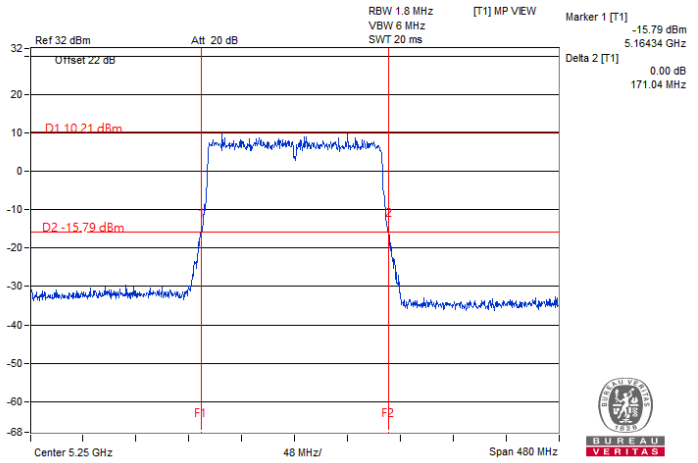
802.11be (EHT20) Beamforming / Chain 2 : CH 144 (U-NII-3)



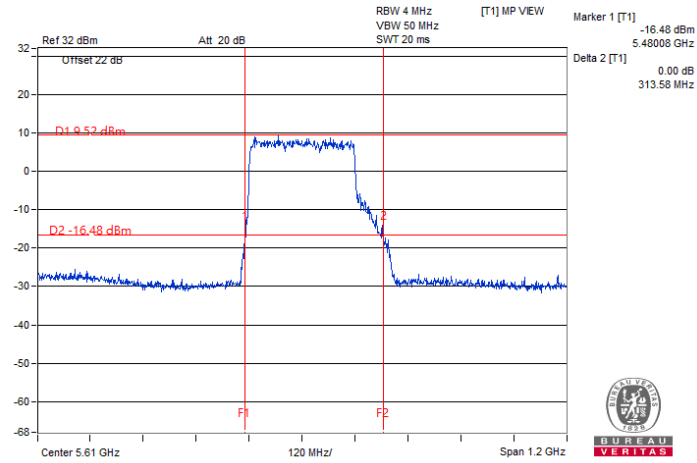
802.11be (EHT40) Beamforming / Chain 1 : CH 142 (U-NII-3)



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



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



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

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:	12 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

802.11a CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.11	22.07	22.12	22.34	657.945	28.18	30	Pass
40	5200	21.96	21.80	22.09	22.21	636.542	28.04	30	Pass
48	5240	21.82	21.92	21.89	22.05	622.501	27.94	30	Pass
52	5260	15.62	15.53	15.81	16.60	156.018	21.93	24	Pass
60	5300	15.71	15.57	15.94	17.14	164.322	22.16	24	Pass
64	5320	15.47	15.34	15.91	16.86	156.958	21.96	24	Pass
100	5500	15.76	15.43	15.32	16.47	150.986	21.79	24	Pass
116	5580	16.63	15.19	14.86	16.12	150.608	21.78	24	Pass
140	5700	16.44	15.25	15.93	15.56	152.701	21.84	24	Pass
*144 (U-NII-2C)	5720	15.21	13.81	14.45	14.28	111.886	20.49	23.01	Pass
*144 (U-NII-3)	5720	9.35	7.89	8.32	8.38	28.44	14.54	30	Pass
149	5745	24.21	22.92	24.04	23.63	943.705	29.75	30	Pass
157	5785	24.22	23.21	23.83	23.84	957.301	29.81	30	Pass
165	5825	24.22	22.73	24.35	23.25	935.359	29.71	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 2.89 dBi < 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 2.77 dBi < 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 2.85 dBi < 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 2.75 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	22.36	22.17	22.24	22.19	670.074	28.26	28.31	Pass
40	5200	22.04	22.01	22.17	22.35	655.418	28.17	28.31	Pass
48	5240	22.08	22.08	22.06	22.14	647.247	28.11	28.31	Pass
52	5260	15.66	15.72	15.86	16.75	160.001	22.04	22.28	Pass
60	5300	15.80	15.68	16.11	17.15	167.714	22.25	22.28	Pass
64	5320	15.48	15.47	16.13	17.18	163.815	22.14	22.28	Pass
100	5500	15.88	15.57	15.49	16.44	154.239	21.88	21.95	Pass
116	5580	16.75	15.27	15.01	16.09	153.306	21.86	21.95	Pass
140	5700	16.31	15.51	15.93	15.79	155.425	21.92	21.95	Pass
*144 (U-NII-2C)	5720	15.03	13.99	14.99	14.40	115.995	20.64	21.09	Pass
*144 (U-NII-3)	5720	9.86	9.43	9.96	9.55	37.377	15.73	28.34	Pass
149	5745	22.42	21.12	22.28	21.68	620.277	27.93	28.34	Pass
157	5785	22.34	21.32	21.95	22.05	623.914	27.95	28.34	Pass
165	5825	22.51	21.21	22.99	21.79	660.443	28.20	28.34	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 7.69 dBi > 6 dBi, so the output power limit shall be reduced to 30-(7.69-6) = 28.31 dBm.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(7.72-6)].
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.05-6)].
6. For U-NII-3, the directional gain is 7.66 dBi > 6 dBi, so the output power limit shall be reduced to 30-(7.66-6) = 28.34 dBm.

802.11be (EHT40) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	18.80	18.75	18.85	19.16	309.997	24.91	28.31	Pass
46	5230	22.34	22.16	22.17	22.24	668.143	28.25	28.31	Pass
54	5270	15.46	15.39	15.83	16.79	155.785	21.93	22.28	Pass
62	5310	15.74	15.55	16.25	16.98	165.448	22.19	22.28	Pass
102	5510	15.62	15.25	15.38	16.38	147.937	21.70	21.95	Pass
110	5550	15.89	15.40	15.35	16.69	154.431	21.89	21.95	Pass
134	5670	16.10	15.22	15.57	15.45	145.137	21.62	21.95	Pass
*142 (U-NII-2C)	5710	15.46	14.19	14.99	14.44	120.745	20.82	21.95	Pass
*142 (U-NII-3)	5710	6.58	5.23	6.12	5.21	15.296	11.85	28.34	Pass
151	5755	22.52	21.70	22.39	22.03	659.528	28.19	28.34	Pass
159	5795	22.60	21.53	22.53	22.28	672.308	28.28	28.34	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 7.69 dBi > 6 dBi, so the output power limit shall be reduced to 30-(7.69-6) = 28.31 dBm.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(7.72-6)].
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.05-6)].
6. For U-NII-3, the directional gain is 7.66 dBi > 6 dBi, so the output power limit shall be reduced to 30-(7.66-6) = 28.34 dBm.

802.11be (EHT80) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	18.20	17.93	18.47	18.24	265.144	24.23	28.31	Pass
58	5290	15.75	15.82	16.01	17.08	166.731	22.22	22.28	Pass
106	5530	15.82	15.36	15.48	16.51	152.64	21.84	21.95	Pass
122	5610	16.89	14.87	14.97	15.64	147.604	21.69	21.95	Pass
*138 (U-NII-2C)	5690	15.07	14.60	14.68	14.27	117.083	20.68	21.95	Pass
*138 (U-NII-3)	5690	2.58	2.10	2.31	1.38	6.509	8.14	28.34	Pass
155	5775	22.46	21.61	22.09	22.33	653.884	28.16	28.34	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 7.69 dBi > 6 dBi, so the output power limit shall be reduced to 30-(7.69-6) = 28.31 dBm.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(7.72-6)].
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.05-6)].
6. For U-NII-3, the directional gain is 7.66 dBi > 6 dBi, so the output power limit shall be reduced to 30-(7.66-6) = 28.34 dBm.

802.11be (EHT160) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
*50 (U-NII-1)	5250	12.61	12.63	12.64	12.65	73.335	18.65	28.31	Pass
*50 (U-NII-2A)	5250	12.43	12.40	12.40	12.37	69.513	18.42	22.28	Pass
114	5570	16.02	15.33	15.22	16.84	155.686	21.92	21.95	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 7.69 dBi > 6 dBi, so the output power limit shall be reduced to 30-(7.69-6) = 28.31 dBm.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(7.72-6)].
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.05-6)].

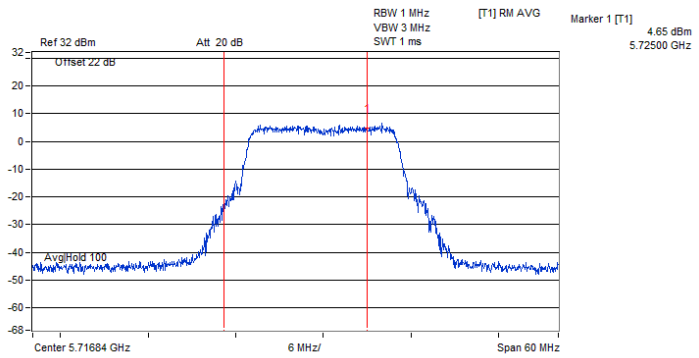
802.11be (EHT240) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
*122 (U-NII-2C)	5610	16.47	14.47	14.24	15.33	133.016	21.24	21.95	Pass
*122 (U-NII-3)	5610	-1.63	-3.55	-4.30	-2.49	2.0638	3.15	28.34	Pass

Notes:

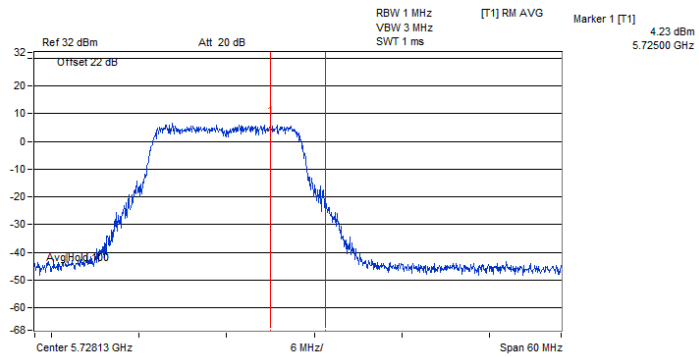
1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.05-6)].
4. For U-NII-3, the directional gain is 7.66 dBi > 6 dBi, so the output power limit shall be reduced to 30-(7.66-6) = 28.34 dBm.

Spectrum Plot for channel straddling



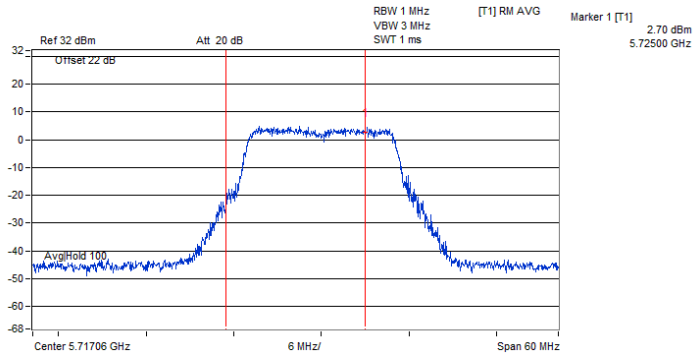
TX Channel Bandwidth 16.31 MHz Power 15.21 dBm

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



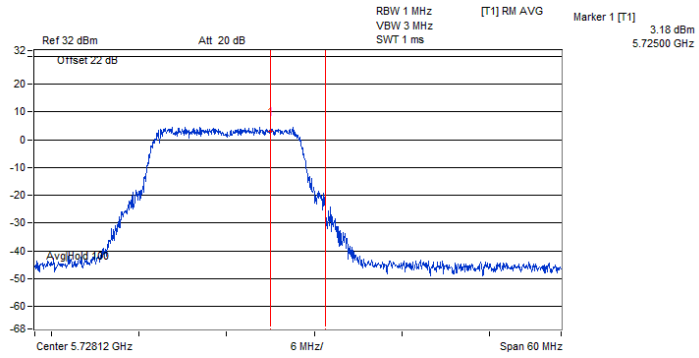
TX Channel Bandwidth 6.27 MHz Power 9.35 dBm

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



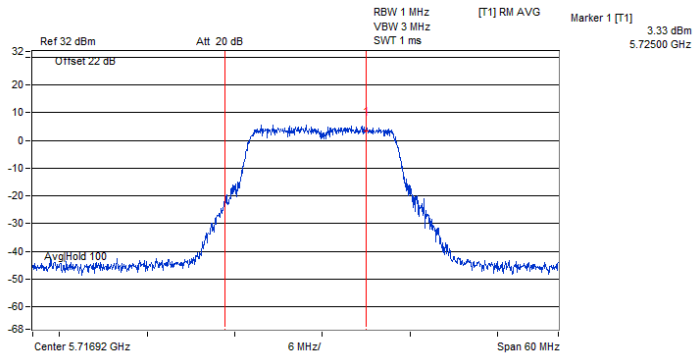
TX Channel Bandwidth 15.89 MHz Power 13.81 dBm

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



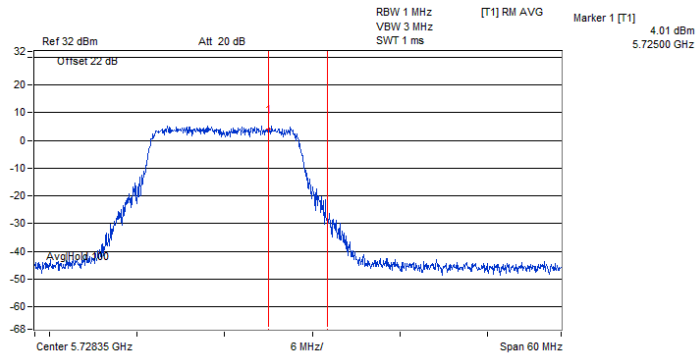
TX Channel Bandwidth 6.24 MHz Power 7.89 dBm

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



TX Channel Bandwidth 16.15 MHz Power 14.45 dBm

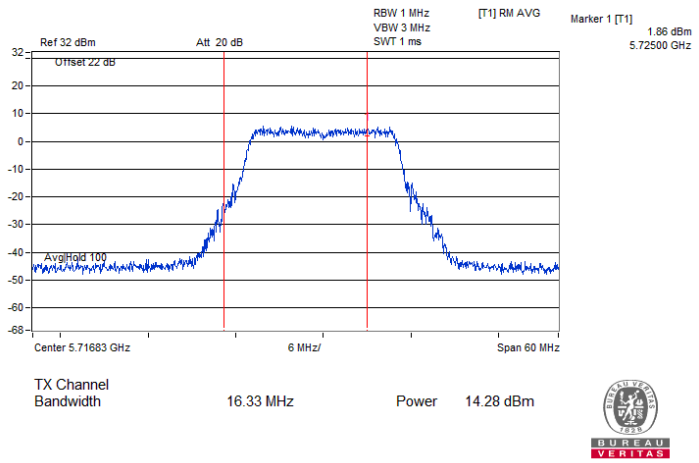
802.11a CDD / Chain 2 : CH 144 (U-NII-2C)



TX Channel Bandwidth 6.7 MHz Power 8.32 dBm

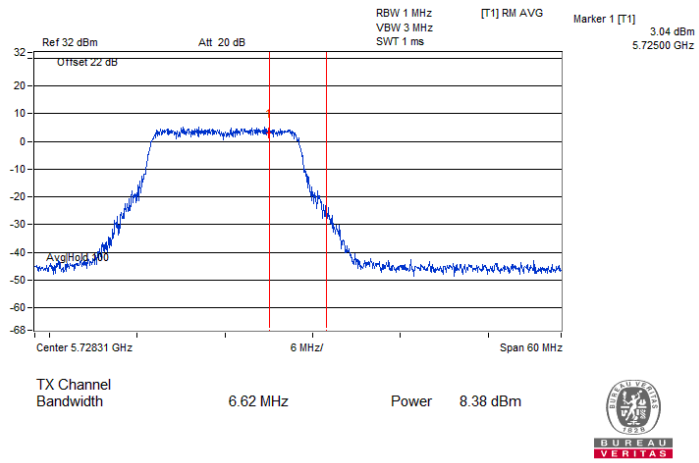
802.11a CDD / Chain 2 : CH 144 (U-NII-3)

Spectrum Plot for channel straddling



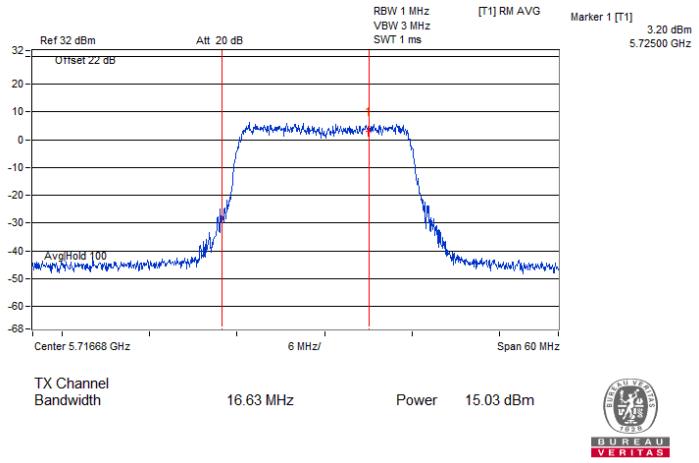
TX Channel Bandwidth 16.33 MHz Power 14.28 dBm

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



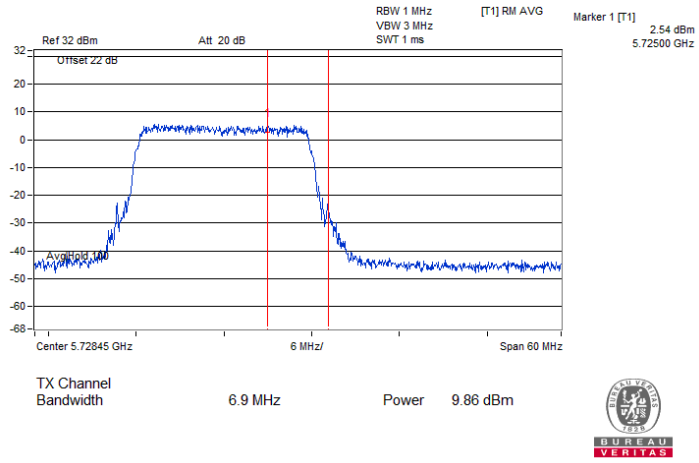
TX Channel Bandwidth 6.62 MHz Power 8.38 dBm

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



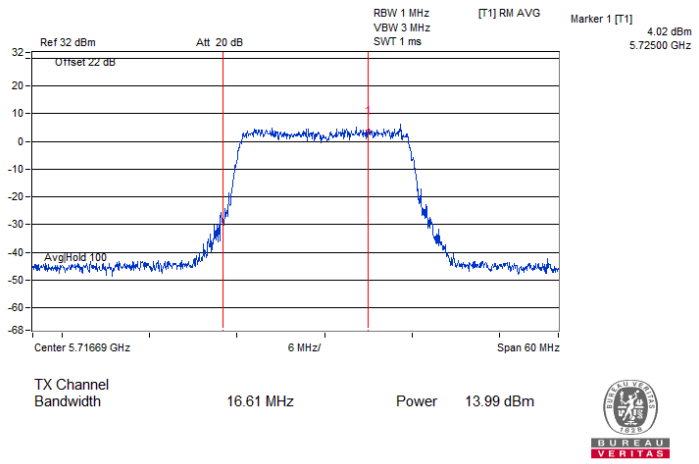
TX Channel Bandwidth 16.63 MHz Power 15.03 dBm

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



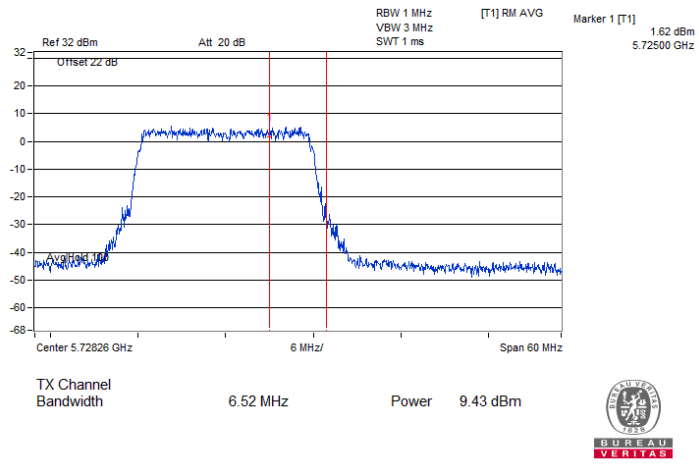
TX Channel Bandwidth 6.9 MHz Power 9.86 dBm

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



TX Channel Bandwidth 16.61 MHz Power 13.99 dBm

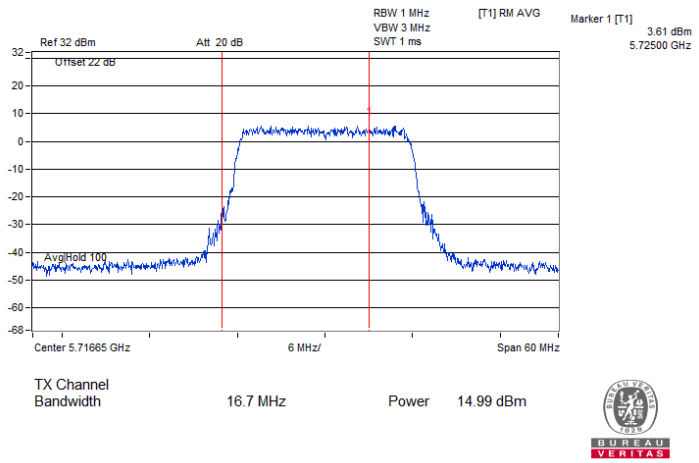
802.11be (EHT20) Beamforming / Chain 1 : CH 144 (U-NII-2C)



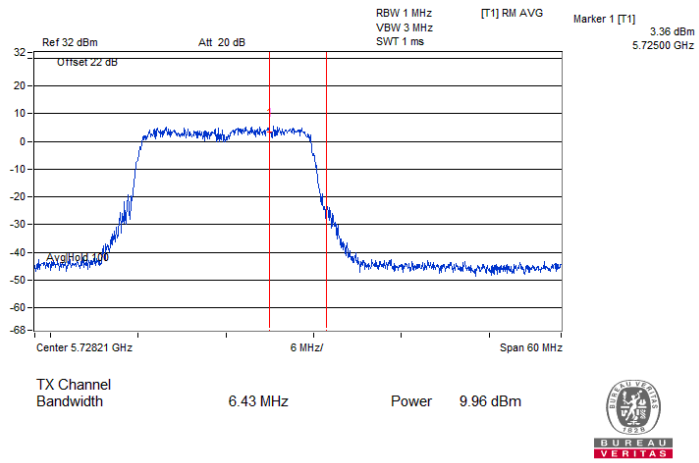
TX Channel Bandwidth 6.52 MHz Power 9.43 dBm

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

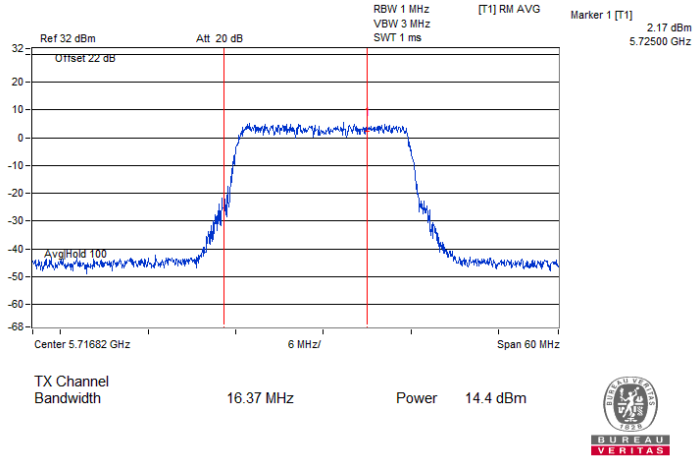
Spectrum Plot for channel straddling



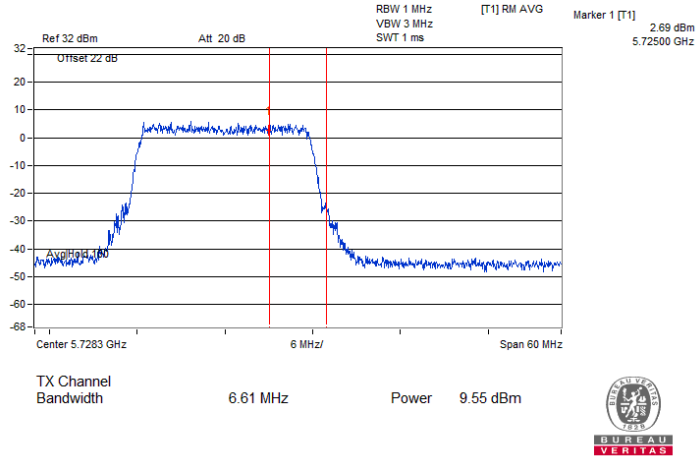
802.11be (EHT20) Beamforming / Chain 2 : CH 144 (U-NII-2C)



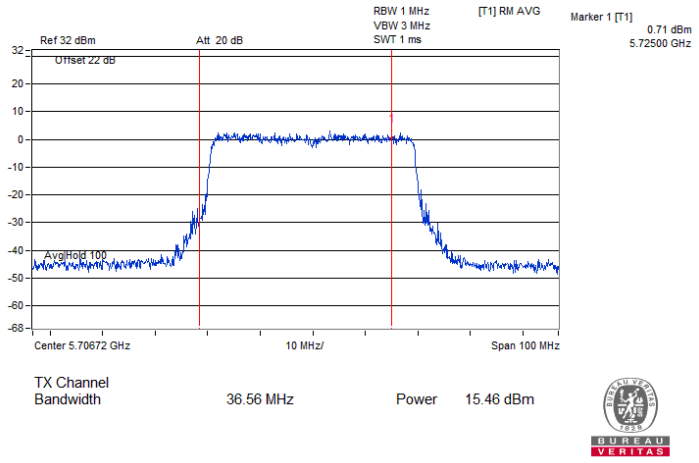
802.11be (EHT20) Beamforming / Chain 2 : CH 144 (U-NII-3)



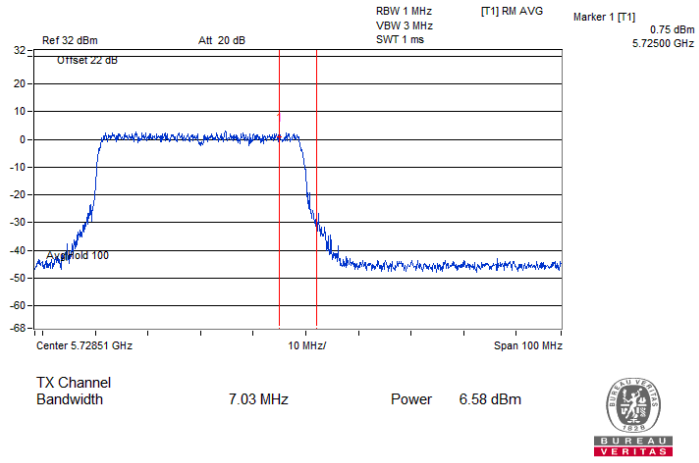
802.11be (EHT20) Beamforming / Chain 3 : CH 144 (U-NII-2C)



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

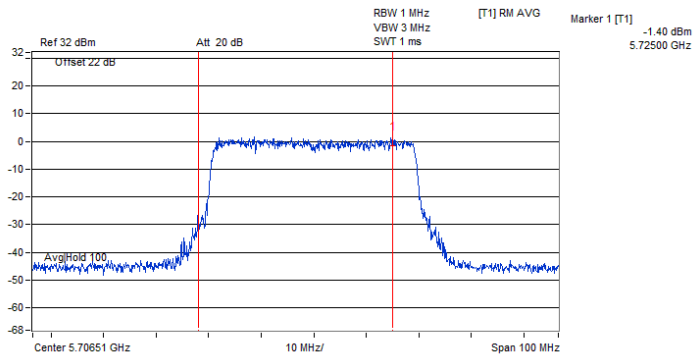


802.11be (EHT40) Beamforming / Chain 0 : CH 142 (U-NII-2C)



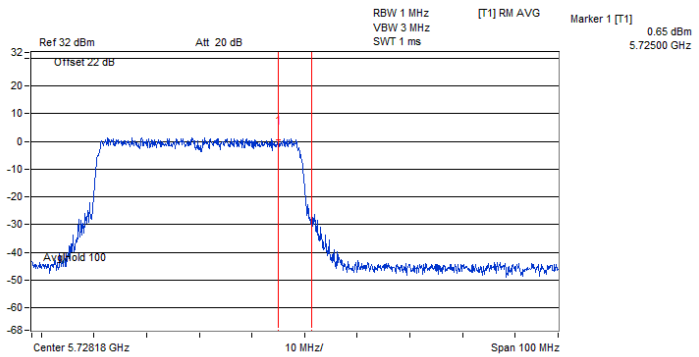
802.11be (EHT40) Beamforming / Chain 0 : CH 142 (U-NII-3)

Spectrum Plot for channel straddling



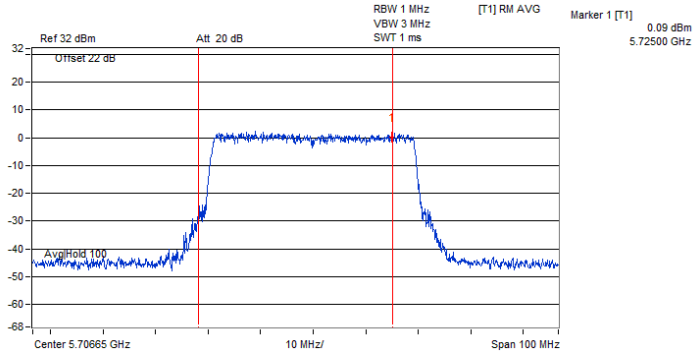
TX Channel Bandwidth 36.97 MHz Power 14.19 dBm

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



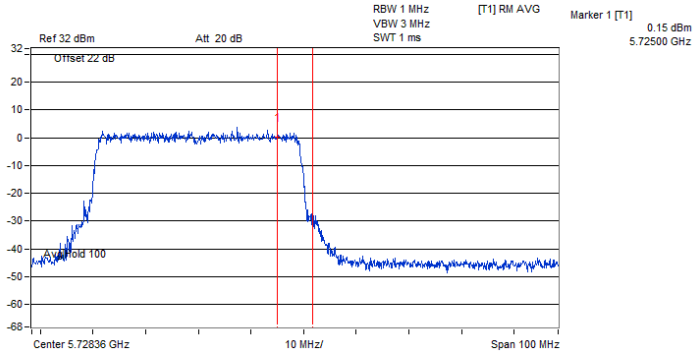
TX Channel Bandwidth 6.36 MHz Power 5.23 dBm

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



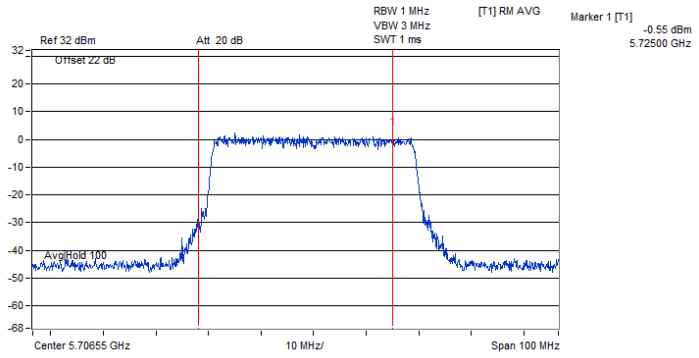
TX Channel Bandwidth 36.7 MHz Power 14.99 dBm

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



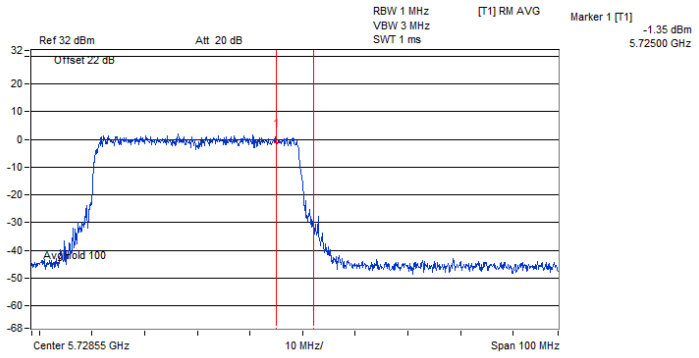
TX Channel Bandwidth 6.72 MHz Power 6.12 dBm

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



TX Channel Bandwidth 36.9 MHz Power 14.44 dBm

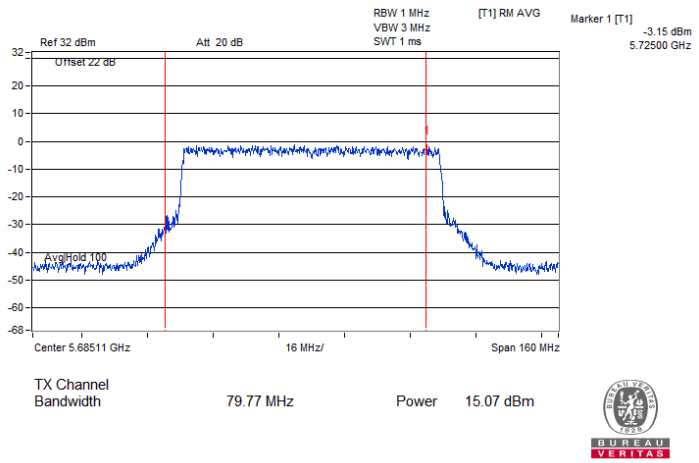
802.11be (EHT40) Beamforming / Chain 3 : CH 142 (U-NII-2C)



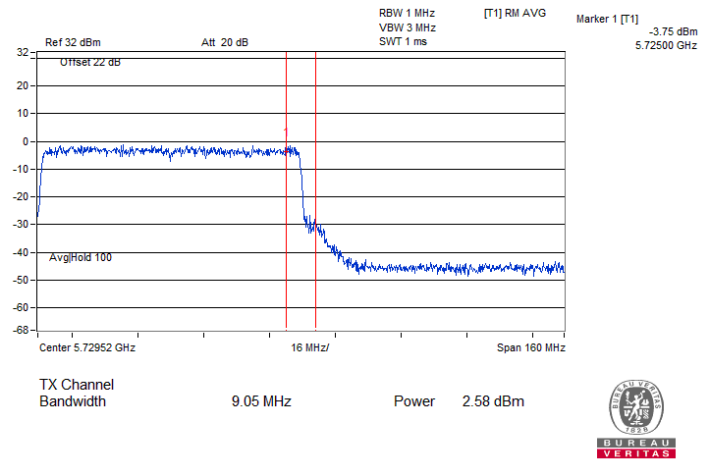
TX Channel Bandwidth 7.1 MHz Power 5.21 dBm

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

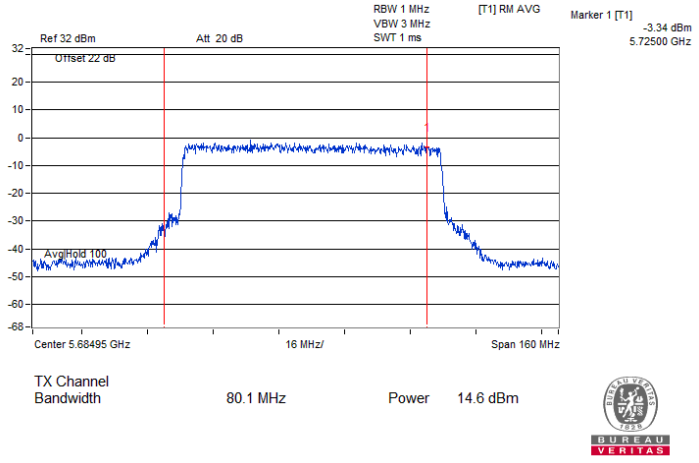
Spectrum Plot for channel straddling



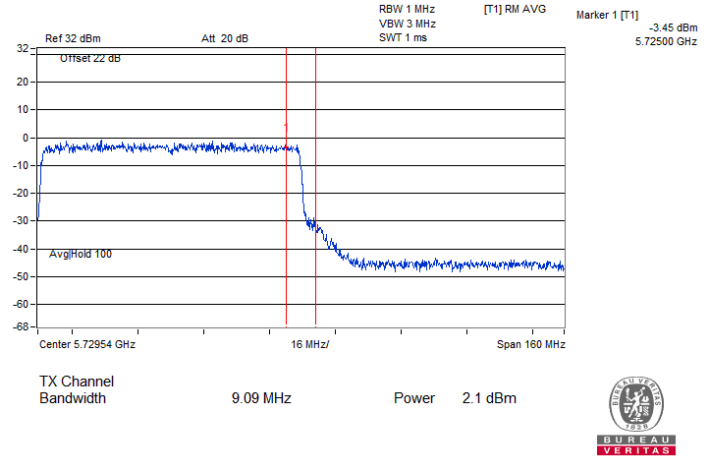
802.11be (EHT80) Beamforming / Chain 0 : CH 138 (U-NII-2C)



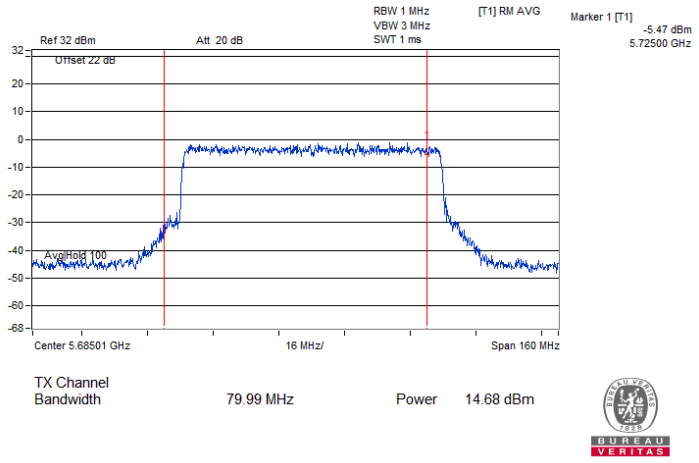
802.11be (EHT80) Beamforming / Chain 0 : CH 138 (U-NII-3)



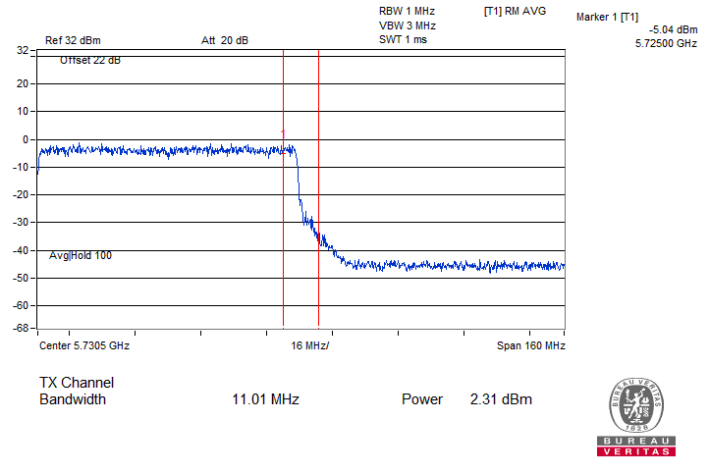
802.11be (EHT80) Beamforming / Chain 1 : CH 138 (U-NII-2C)



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

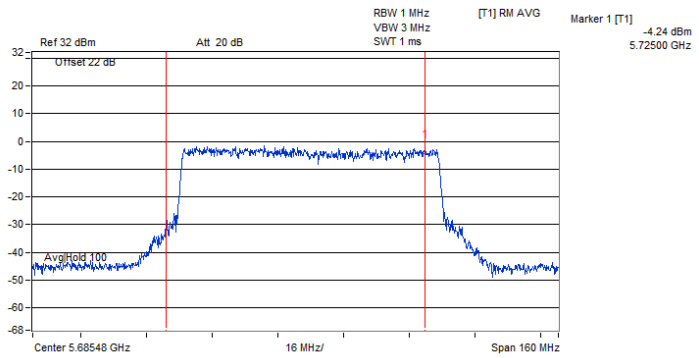


802.11be (EHT80) Beamforming / Chain 2 : CH 138 (U-NII-2C)



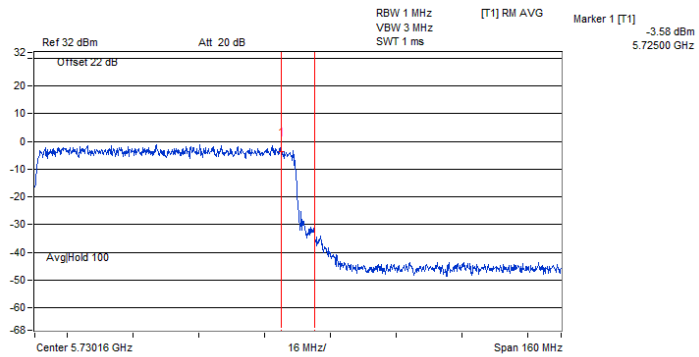
802.11be (EHT80) Beamforming / Chain 2 : CH 138 (U-NII-3)

Spectrum Plot for channel straddling



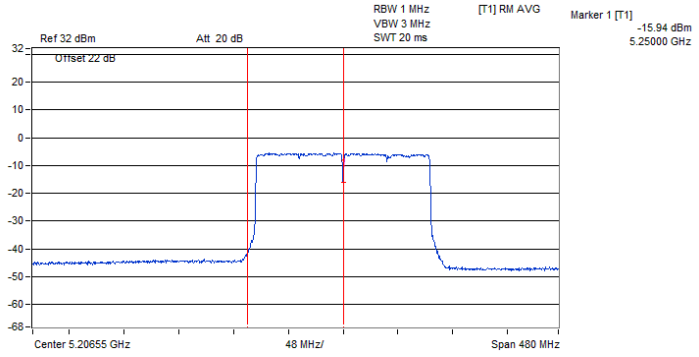
TX Channel Bandwidth 79.05 MHz Power 14.27 dBm

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



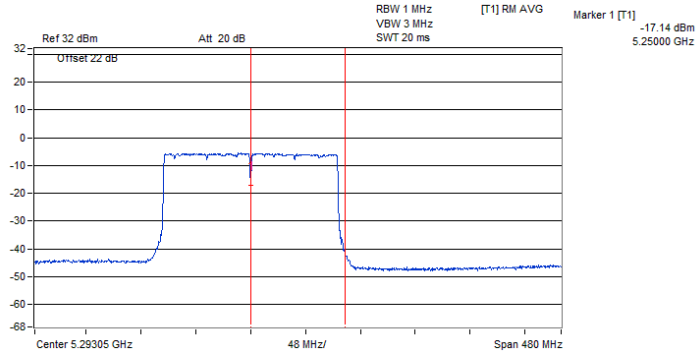
TX Channel Bandwidth 10.32 MHz Power 1.38 dBm

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



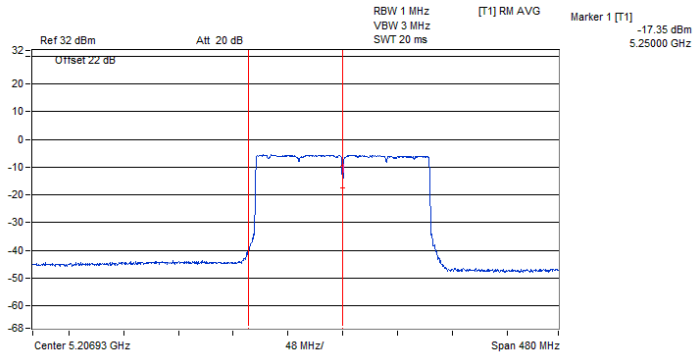
TX Channel Bandwidth 86.89 MHz Power 12.61 dBm

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



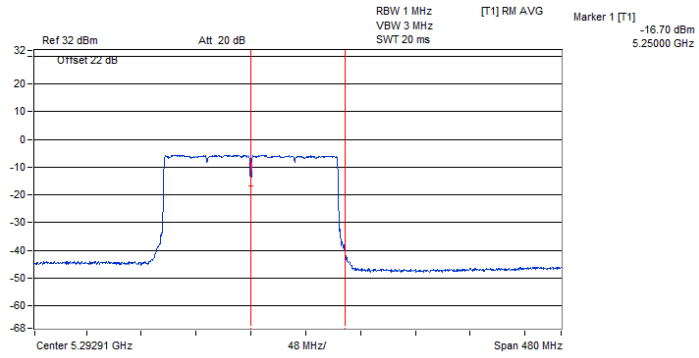
TX Channel Bandwidth 86.1 MHz Power 12.43 dBm

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



TX Channel Bandwidth 86.13 MHz Power 12.63 dBm

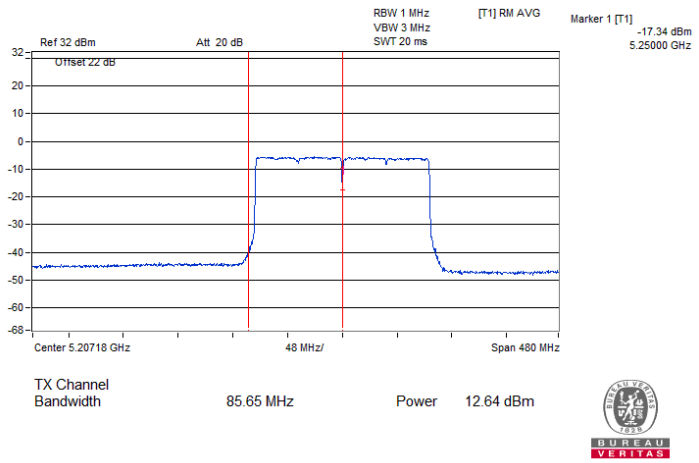
802.11be (EHT160) Beamforming / Chain 1 : CH 50 (U-NII-1)



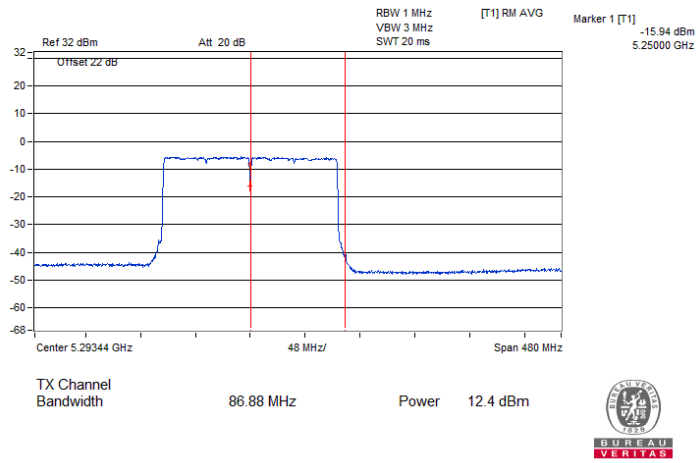
TX Channel Bandwidth 85.82 MHz Power 12.4 dBm

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

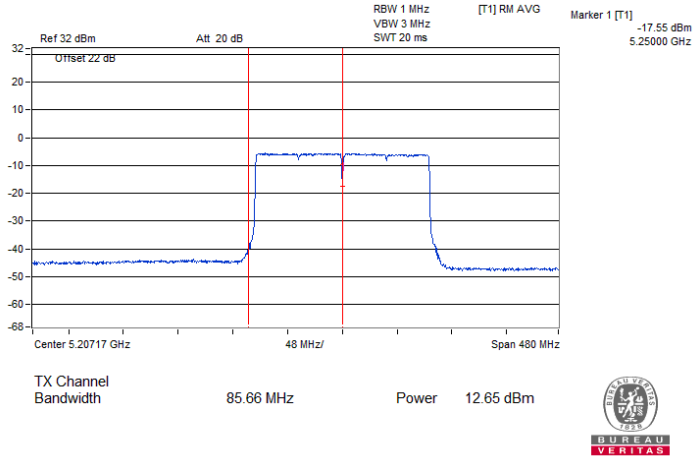
Spectrum Plot for channel straddling



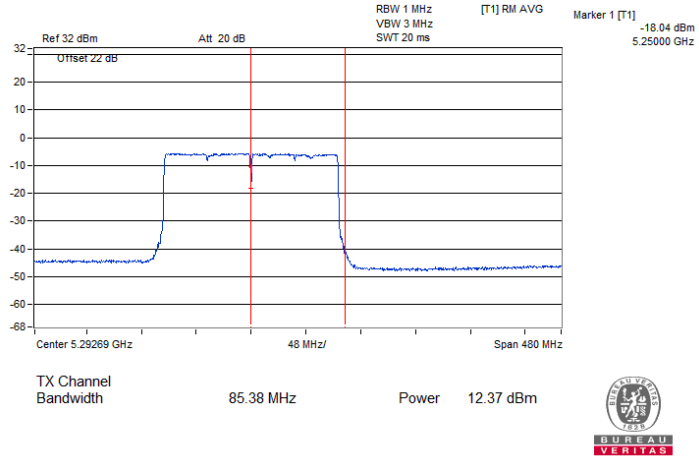
802.11be (EHT160) Beamforming / Chain 2 : CH 50 (U-NII-1)



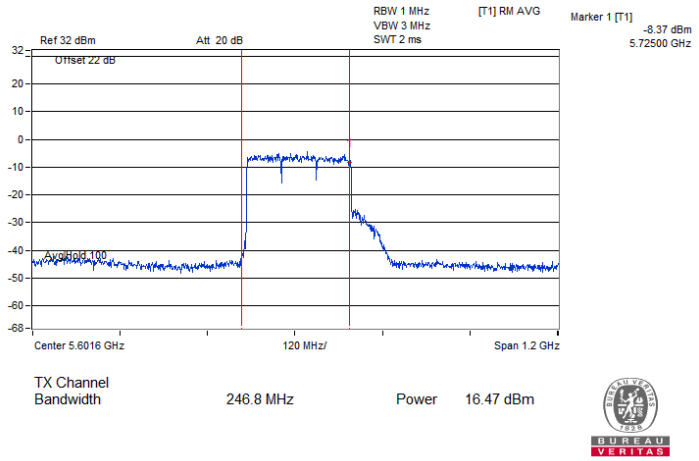
802.11be (EHT160) Beamforming / Chain 2 : CH 50 (U-NII-2A)



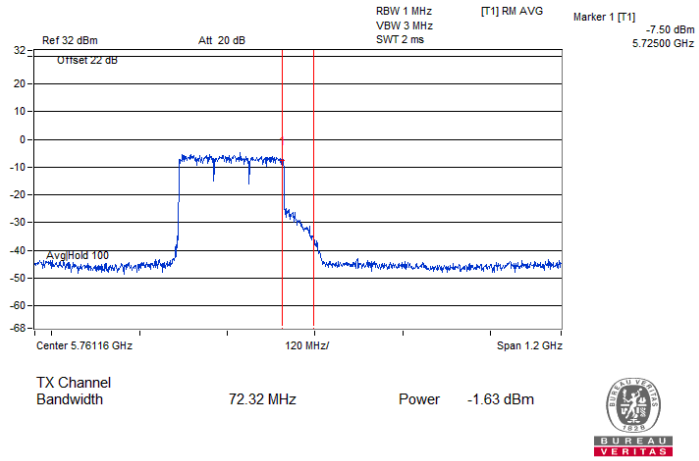
802.11be (EHT160) Beamforming / Chain 3 : CH 50 (U-NII-1)



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

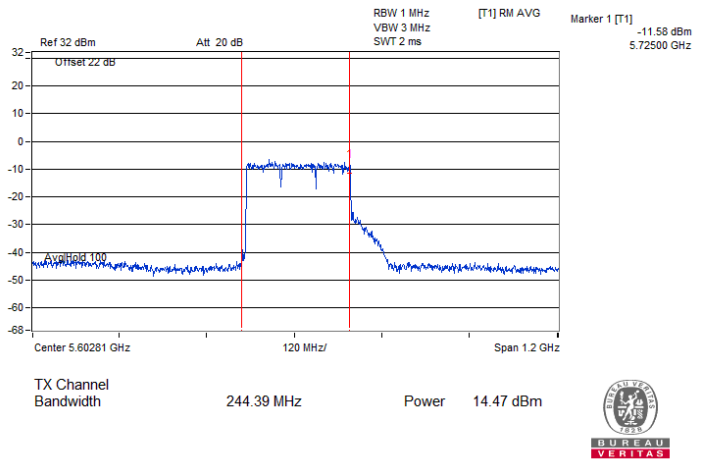


802.11be (EHT240) Beamforming / Chain 0 : CH 122 (U-NII-2C)

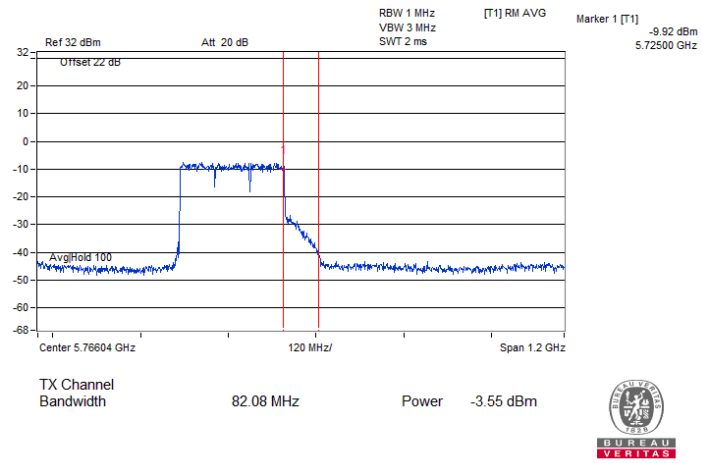


802.11be (EHT240) Beamforming / Chain 0 : CH 122 (U-NII-3)

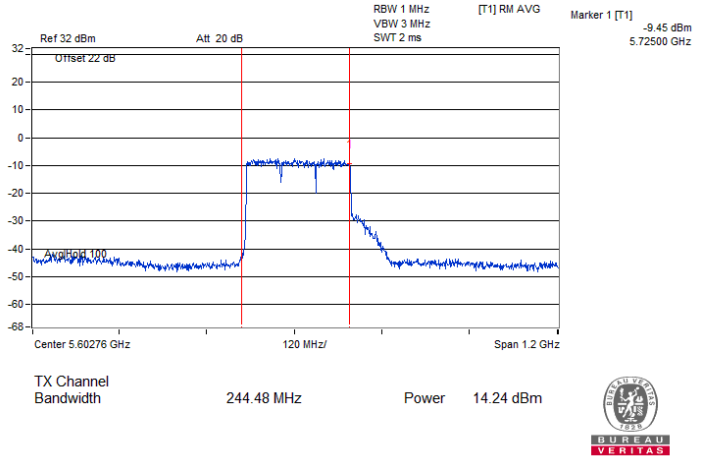
Spectrum Plot for channel straddling



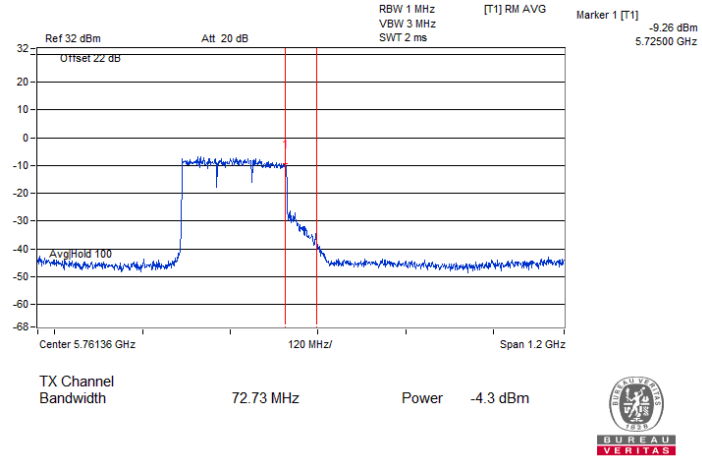
802.11be (EHT240) Beamforming / Chain 1 : CH 122 (U-NII-2C)



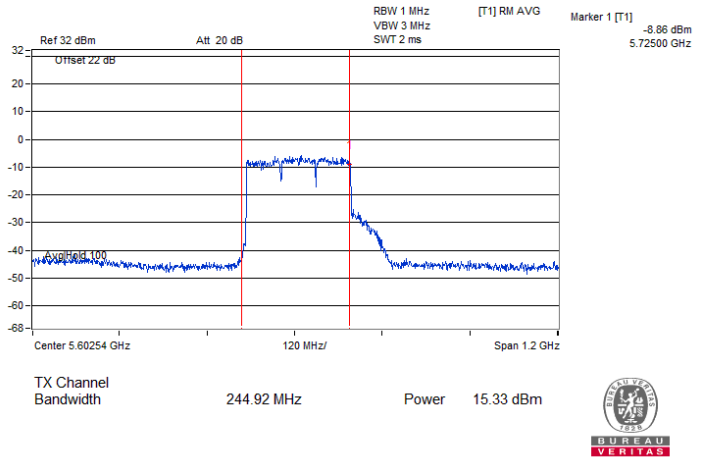
802.11be (EHT240) Beamforming / Chain 1 : CH 122 (U-NII-3)



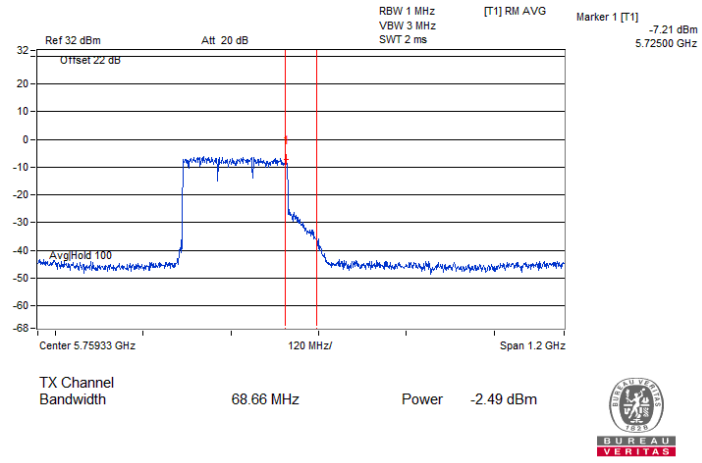
802.11be (EHT240) Beamforming / Chain 2 : CH 122 (U-NII-2C)



802.11be (EHT240) Beamforming / Chain 2 : CH 122 (U-NII-3)



802.11be (EHT240) Beamforming / Chain 3 : CH 122 (U-NII-2C)



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

7.3 Power Spectral Density

Input Power:	12 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

802.11a CDD

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)				Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3			
36	5180	9.21	9.15	9.37	9.04	15.21	15.31	Pass
40	5200	9.22	9.02	9.34	9.04	15.18	15.31	Pass
48	5240	9.09	9.03	9.13	8.82	15.04	15.31	Pass
52	5260	2.95	2.92	3.00	2.77	8.93	9.28	Pass
60	5300	2.82	2.97	2.56	2.54	8.75	9.28	Pass
64	5320	3.05	3.32	3.06	2.95	9.12	9.28	Pass
100	5500	2.83	2.97	2.61	2.71	8.80	8.95	Pass
116	5580	2.91	2.63	2.71	2.90	8.81	8.95	Pass
140	5700	2.75	2.64	2.55	3.03	8.77	8.95	Pass
144 (U-NII-2C)	5720	2.55	2.45	2.56	3.12	8.70	8.95	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 7.69 dBi > 6dBi, so the power density limit shall be reduced to 17-(7.69-6) = 15.31 dBm/MHz.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.72-6) = 9.28 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.05-6) = 8.95 dBm/MHz.

802.11be (EHT20) Beamforming

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	9.27	9.26	9.40	9.05	15.27	15.31	Pass
40	5200	9.30	9.07	9.40	8.91	15.19	15.31	Pass
48	5240	9.00	9.02	9.17	8.96	15.06	15.31	Pass
52	5260	2.92	3.09	2.84	2.80	8.93	9.28	Pass
60	5300	2.82	3.11	2.68	2.48	8.80	9.28	Pass
64	5320	2.89	3.38	2.95	2.84	9.04	9.28	Pass
100	5500	2.31	2.45	2.19	2.74	8.45	8.95	Pass
116	5580	2.40	2.16	2.16	2.95	8.45	8.95	Pass
140	5700	2.66	2.66	2.55	3.06	8.76	8.95	Pass
144 (U-NII-2C)	5720	2.58	2.49	2.47	3.11	8.69	8.95	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 7.69 dBi > 6dBi, so the power density limit shall be reduced to 17-(7.69-6) = 15.31 dBm/MHz.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.72-6) = 9.28 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.05-6) = 8.95 dBm/MHz.

802.11be (EHT40) Beamforming

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	3.11	3.07	3.45	2.67	9.10	15.31	Pass
46	5230	6.98	6.82	7.23	6.63	12.94	15.31	Pass
54	5270	0.00	0.22	0.09	-0.01	6.10	9.28	Pass
62	5310	-0.11	0.12	0.01	-0.22	5.97	9.28	Pass
102	5510	-0.28	-0.35	-0.62	-0.40	5.61	8.95	Pass
110	5550	-0.31	-0.47	-0.72	-0.27	5.58	8.95	Pass
134	5670	-0.62	-0.67	-0.79	0.36	5.62	8.95	Pass
142 (U-NII-2C)	5710	-1.06	-0.91	-0.93	0.33	5.42	8.95	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 7.69 dBi > 6dBi, so the power density limit shall be reduced to 17-(7.69-6) = 15.31 dBm/MHz.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.72-6) = 9.28 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.05-6) = 8.95 dBm/MHz.

802.11be (EHT80) Beamforming

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	-0.51	-0.94	-0.25	-0.99	5.36	15.31	Pass
58	5290	-3.13	-2.65	-3.01	-3.19	3.03	9.28	Pass
106	5530	-3.36	-3.66	-3.64	-3.24	2.55	8.95	Pass
122	5610	-3.53	-3.71	-3.76	-2.97	2.54	8.95	Pass
138 (U-NII-2C)	5690	-3.90	-3.90	-3.94	-2.62	2.47	8.95	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 7.69 dBi > 6dBi, so the power density limit shall be reduced to 17-(7.69-6) = 15.31 dBm/MHz.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.72-6) = 9.28 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.05-6) = 8.95 dBm/MHz.

802.11be (EHT160) Beamforming

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	-7.09	-7.21	-7.17	-5.73	-0.73	15.31	Pass
50 (U-NII-2A)	5250	-7.21	-7.38	-7.32	-5.91	-0.89	9.28	Pass
114	5570	-6.62	-6.55	-6.58	-6.60	-0.57	8.95	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 7.69 dBi > 6dBi, so the power density limit shall be reduced to 17-(7.69-6) = 15.31 dBm/MHz.
4. For U-NII-2A, the directional gain is 7.72 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.72-6) = 9.28 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.05 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.05-6) = 8.95 dBm/MHz.

802.11be (EHT240) Beamforming

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			
122 (U-NII-2C)	5610	-7.91	-8.41	-9.88	-9.89	-2.91	8.95	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-2C, the directional gain is 8.05 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.05-6) = 8.95 dBm/MHz.

802.11a CDD

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)				Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3				
144 (U-NII-3)	5720	-2.62	-2.76	-2.54	-1.98	3.56	5.78	28.34	Pass
149	5745	6.52	6.48	6.66	8.03	12.99	15.21	28.34	Pass
157	5785	6.42	6.29	6.40	7.97	12.85	15.07	28.34	Pass
165	5825	6.36	6.01	6.03	7.72	12.61	14.83	28.34	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 7.66 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.66-6) = 28.34 dBm/500kHz.

802.11be (EHT20) Beamforming

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	-2.83	-2.88	-2.80	-2.24	3.34	5.56	28.34	Pass
149	5745	3.70	3.70	3.64	3.70	9.71	11.93	28.34	Pass
157	5785	3.69	3.60	3.75	3.70	9.71	11.93	28.34	Pass
165	5825	3.61	3.58	3.70	3.68	9.66	11.88	28.34	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 7.66 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.66-6) = 28.34 dBm/500kHz.

802.11be (EHT40) Beamforming

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	-6.48	-6.45	-6.52	-5.28	-0.13	2.09	28.34	Pass
151	5755	0.55	0.49	0.59	0.55	6.57	8.79	28.34	Pass
159	5795	0.66	0.69	0.69	0.67	6.7	8.92	28.34	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 7.66 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.66-6) = 28.34 dBm/500kHz.

802.11be (EHT80) Beamforming

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	-9.76	-9.81	-9.74	-9.72	-3.74	-1.52	28.34	Pass
155	5775	-2.45	-2.51	-2.50	-2.50	3.53	5.75	28.34	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 7.66 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.66-6) = 28.34 dBm/500kHz.

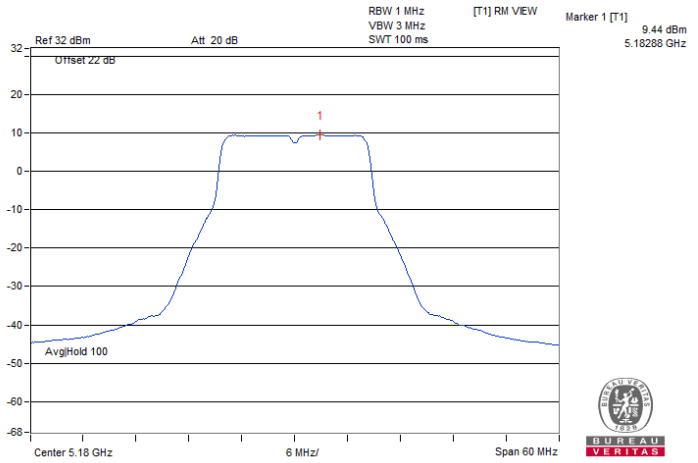
802.11be (EHT240) Beamforming

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				
122 (U-NII-3)	5610	-13.74	-14.21	-15.71	-15.81	-8.75	-6.53	28.34	Pass

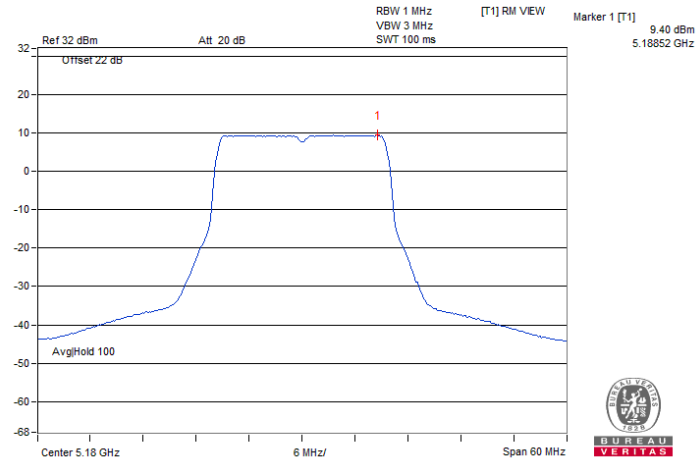
Notes:

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 7.66 dBi > 6 dBi, so the power density limit shall be reduced to 30-(7.66-6) = 28.34 dBm/500kHz.

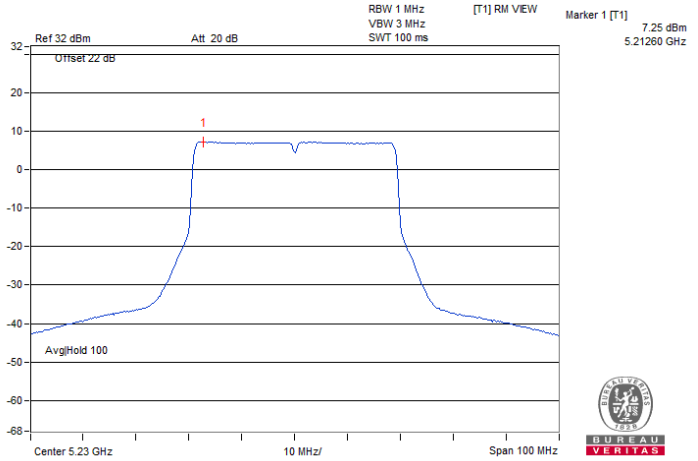
Spectrum Plot of Maximum Value



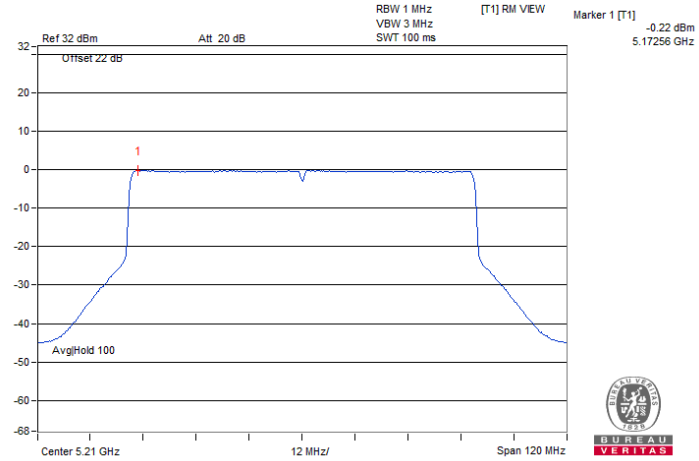
802.11a CDD / Chain 2 : CH 36



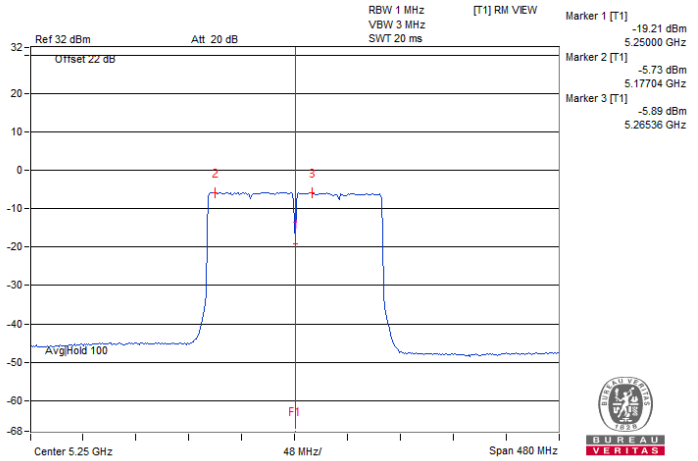
802.11be (EHT20) Beamforming / Chain 2 : CH 36



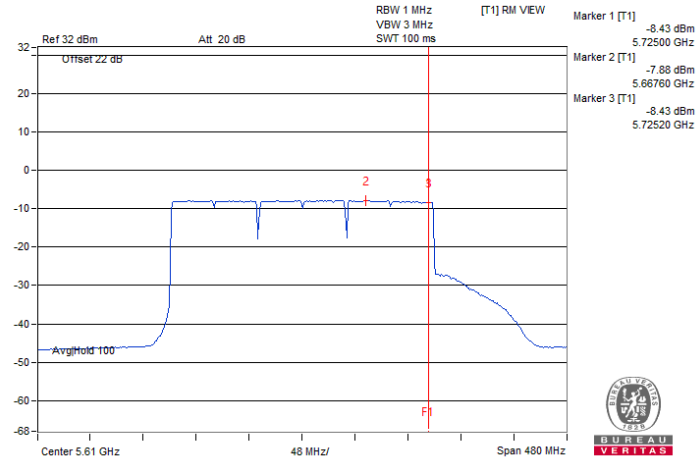
802.11be (EHT40) Beamforming / Chain 2 : CH 46



802.11be (EHT80) Beamforming / Chain 2 : CH 42

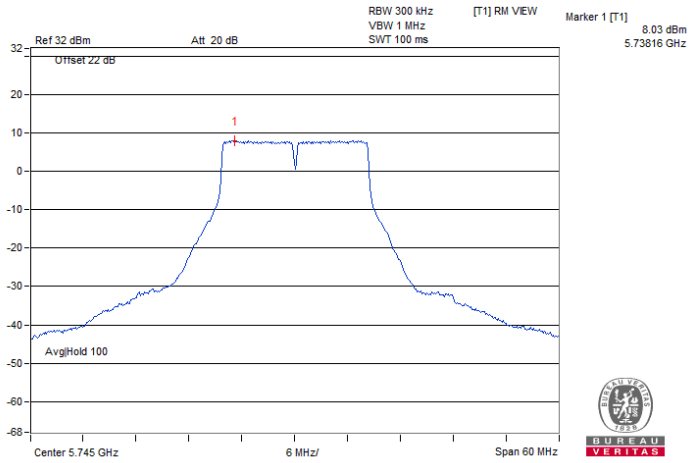


802.11be (EHT160) Beamforming / Chain 3 : CH 50 (U-NII-1)

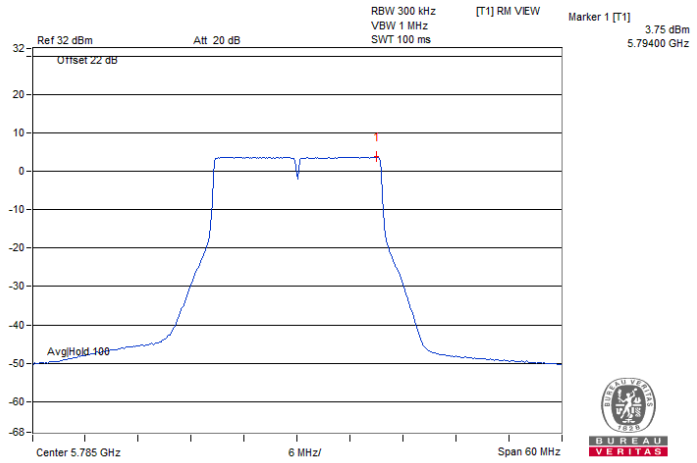


802.11be (EHT240) Beamforming / Chain 0 : CH 122 (U-NII-2C)

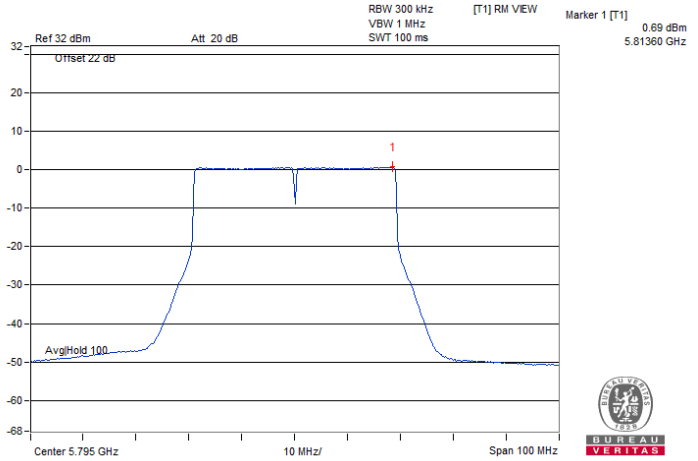
Spectrum Plot of Maximum Value



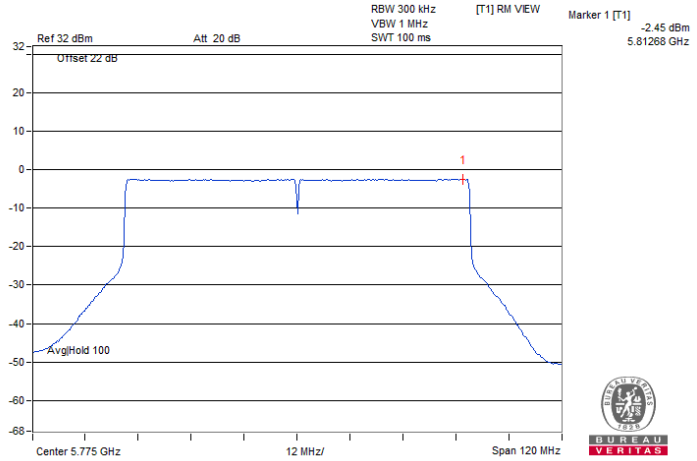
802.11a CDD / Chain 3 : CH 149



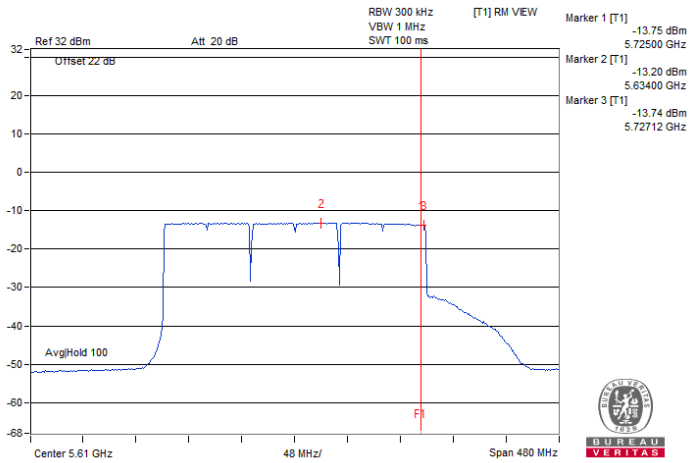
802.11be (EHT20) Beamforming / Chain 2 : CH 157



802.11be (EHT40) Beamforming / Chain 1 : CH 159



802.11be (EHT80) Beamforming / Chain 0 : CH 155



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

7.4 6 dB Bandwidth

Input Power:	12 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

802.11a CDD

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	3.19	3.18	3.18	3.19	0.5	Pass
149	5745	16.34	16.34	16.35	16.43	0.5	Pass
157	5785	16.35	16.35	16.34	16.36	0.5	Pass
165	5825	16.35	16.35	16.34	16.34	0.5	Pass

802.11be (EHT20) Beamforming

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	4.49	4.55	4.49	0.5	Pass
149	5745	19.02	19.01	19.06	19.02	0.5	Pass
157	5785	19.07	19.07	19.05	19.07	0.5	Pass
165	5825	19.04	19.08	19.08	19.05	0.5	Pass

802.11be (EHT40) Beamforming

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	3.99	4.17	4.09	4.03	0.5	Pass
151	5755	38.23	38.23	38.06	38.12	0.5	Pass
159	5795	38.05	38.11	38.07	38.06	0.5	Pass

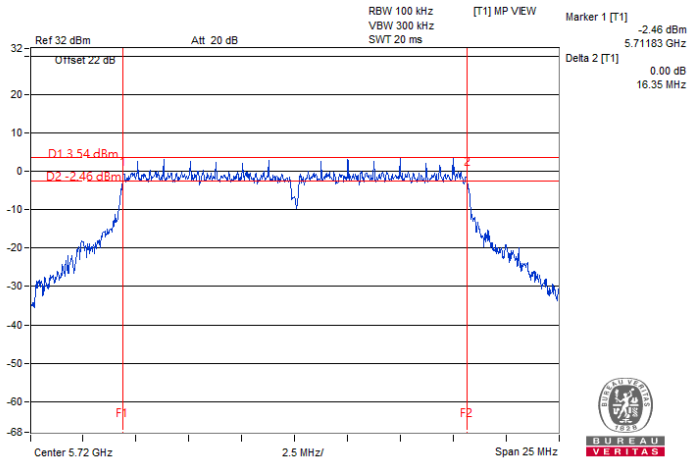
802.11be (EHT80) Beamforming

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	4.01	4.03	4.09	4.01	0.5	Pass
155	5775	78.05	78.16	78.01	78.11	0.5	Pass

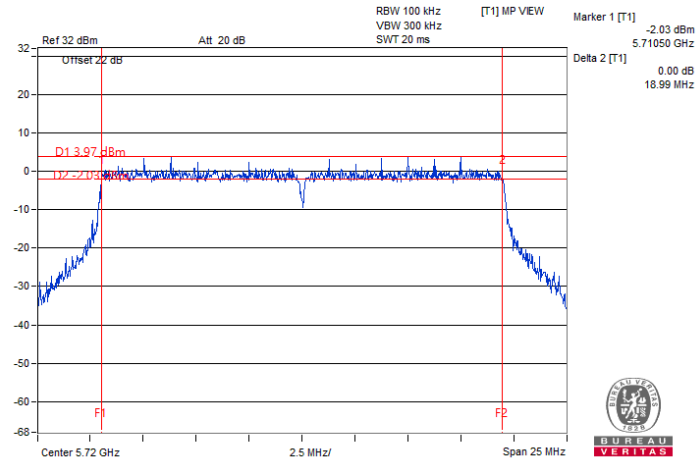
802.11be (EHT240) Beamforming

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)				Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
122 (U-NII-3)	5610	4.16	4.16	3.98	4.17	0.5	Pass

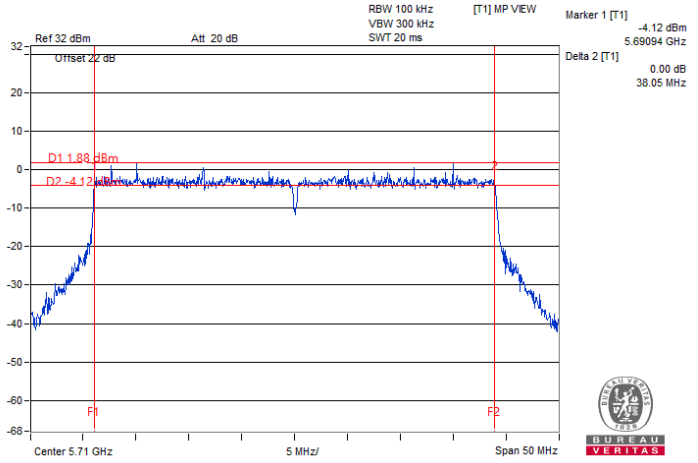
Spectrum Plot of Minimum Value



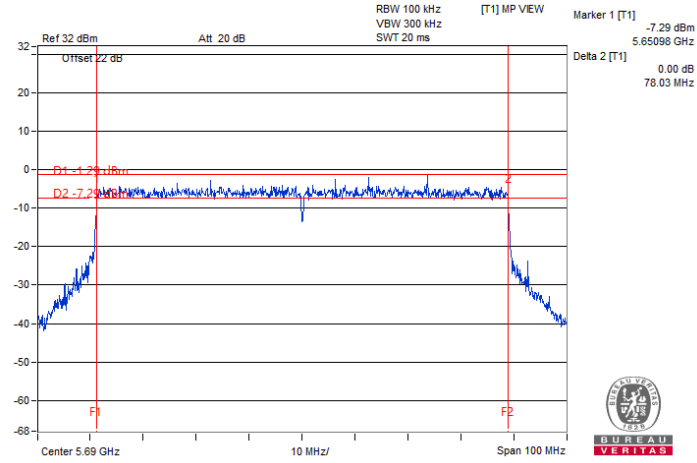
802.11a CDD / Chain 1 : CH 144 (U-NII-3)



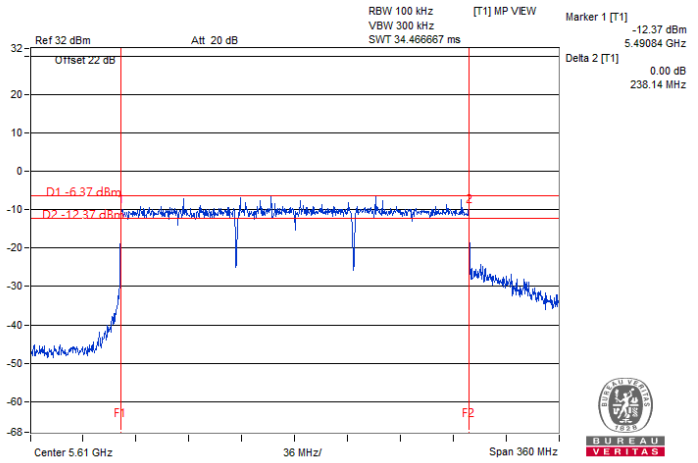
802.11be (EHT20) Beamforming / Chain 1 : CH 144 (U-NII-3)



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



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



802.11be (EHT240) Beamforming / Chain 2 : CH 122 (U-NII-3)

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

7.5 Occupied Bandwidth

Input Power:	12 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

802.11a CDD

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	16.80	16.74	16.80	16.80
40	5200	16.74	16.74	16.86	16.74
48	5240	16.74	16.68	16.74	16.68
52	5260	16.74	16.80	16.74	16.80
60	5300	16.74	16.68	16.86	16.74
64	5320	16.80	16.80	16.86	16.80
100	5500	16.80	16.86	16.86	16.80
116	5580	16.80	16.74	16.80	16.74
140	5700	16.74	16.74	16.86	16.80
144 (U-NII-2C)	5720	13.46	13.34	13.34	13.34
144 (U-NII-3)	5720	3.40	3.40	3.40	3.40
149	5745	16.86	16.80	16.74	16.80
157	5785	16.80	16.86	16.80	16.86
165	5825	16.80	16.80	16.74	16.74

802.11be (EHT20) Beamforming

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

802.11be (EHT40) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
38	5190	38.28	38.16	38.28	38.04
46	5230	38.28	38.16	38.04	38.28
54	5270	38.28	38.28	38.16	38.16
62	5310	38.16	38.16	38.04	38.16
102	5510	38.28	38.16	38.16	38.16
110	5550	38.16	38.28	38.16	38.16
134	5670	38.28	38.16	38.16	38.16
142 (U-NII-2C)	5710	33.96	34.08	34.08	34.08
142 (U-NII-3)	5710	4.20	4.20	4.20	4.08
151	5755	38.16	38.16	38.16	38.04
159	5795	38.28	38.28	38.16	38.16

802.11be (EHT80) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42	5210	77.52	77.52	77.76	77.76
58	5290	77.52	77.76	77.76	77.76
106	5530	77.76	77.52	77.76	77.52
122	5610	77.76	77.76	77.76	77.52
138 (U-NII-2C)	5690	73.64	73.64	73.88	73.64
138 (U-NII-3)	5690	3.88	3.88	3.88	3.88
155	5775	77.52	77.52	77.76	77.52

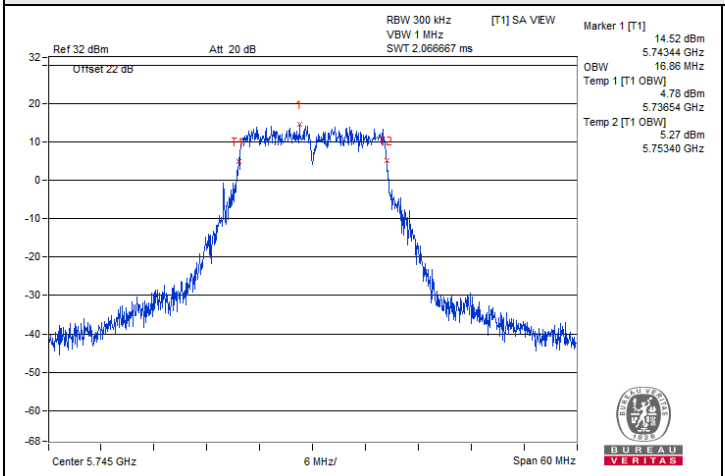
802.11be (EHT160) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
50 (U-NII-1)	5250	78.72	78.72	79.20	78.72
50 (U-NII-2A)	5250	78.72	78.72	79.20	78.72
114	5570	156.96	156.96	158.40	156.96

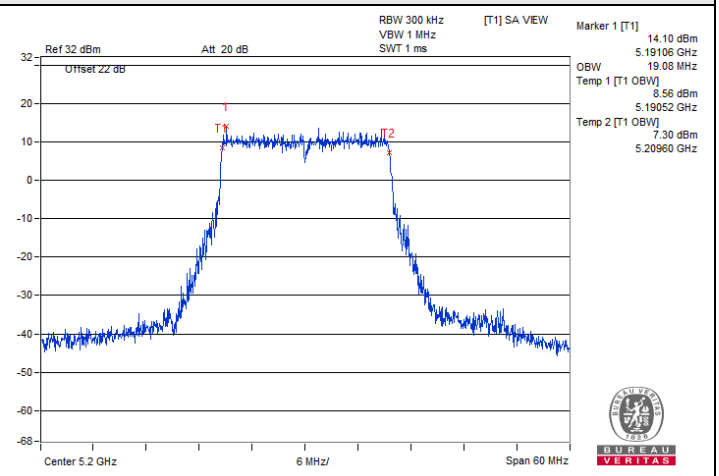
802.11be (EHT240) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
122 (U-NII-2C)	5610	233.08	232.60	233.08	233.08
122 (U-NII-3)	5610	3.56	4.04	4.04	4.04

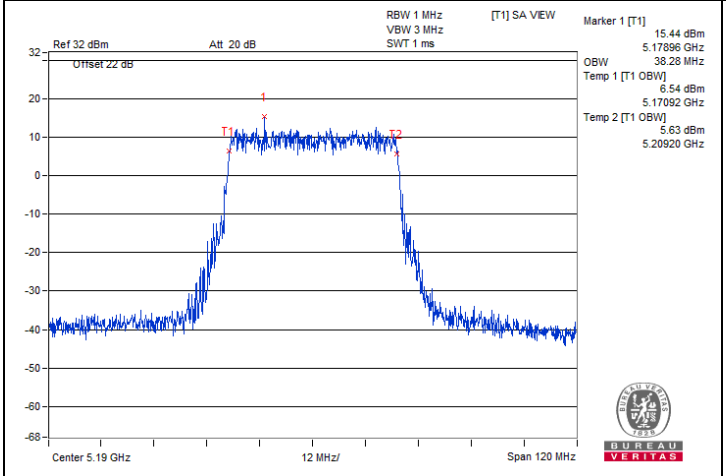
Spectrum Plot of Maximum Value



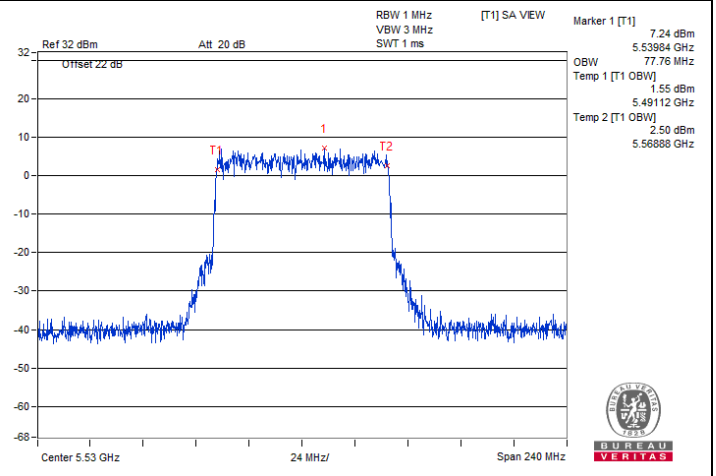
802.11a CDD / Chain 0 : CH 149



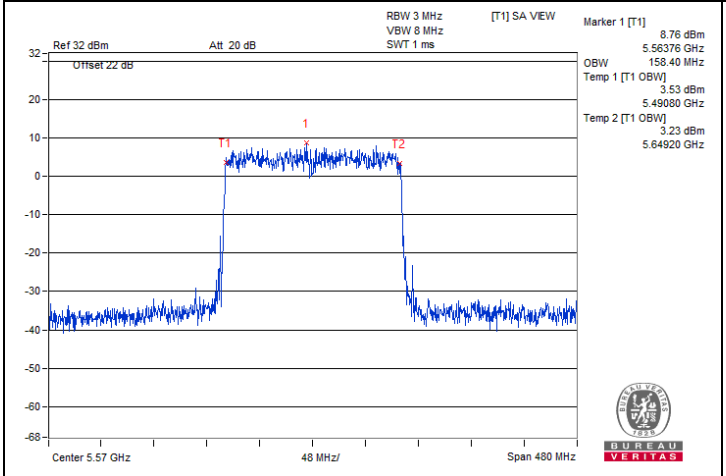
802.11be (EHT20) Beamforming / Chain 0 : CH 40



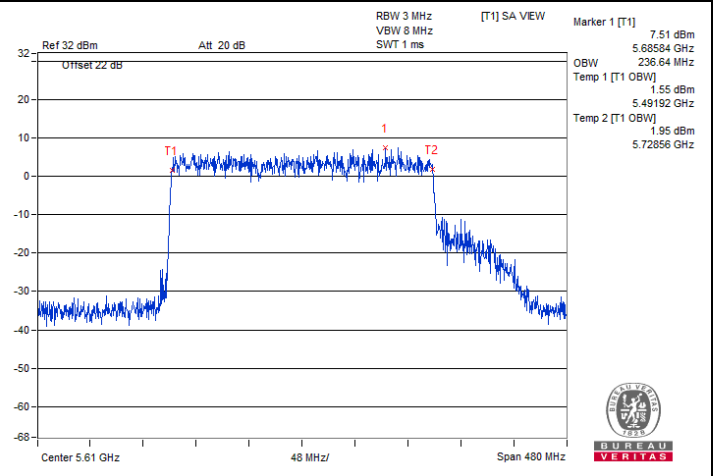
802.11be (EHT40) Beamforming / Chain 0 : CH 38



802.11be (EHT80) Beamforming / Chain 0 : CH 106



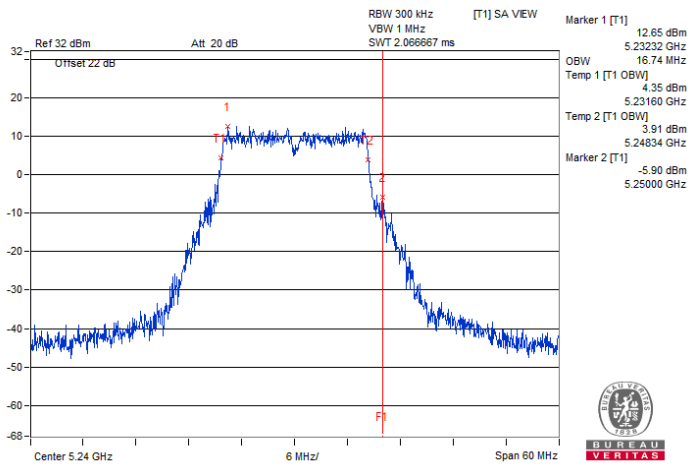
802.11be (EHT160) Beamforming / Chain 2 : CH 114



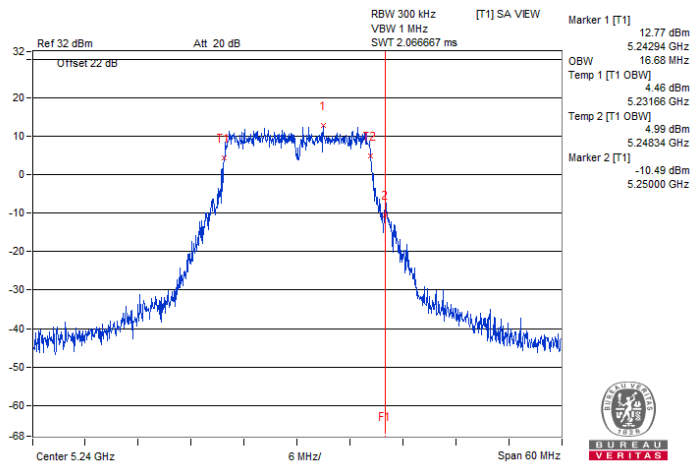
802.11be (EHT240) Beamforming / Chain 0 : CH 122 (U-NII-2C)

Spectrum Plot for nearby DFS band

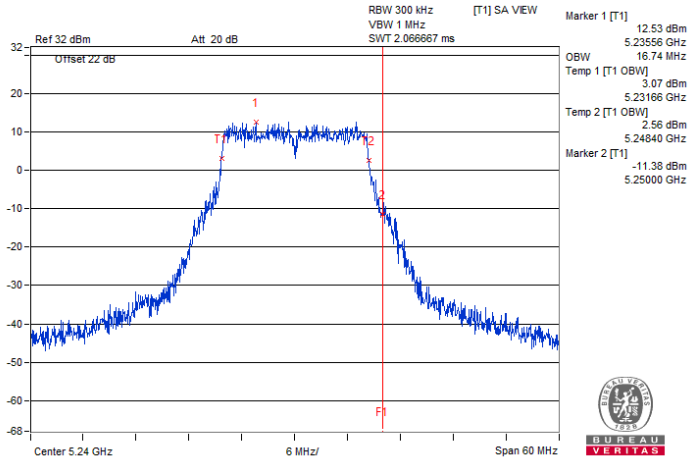
(DFS is required, if 99% OCP straddle into U-NII-2A)



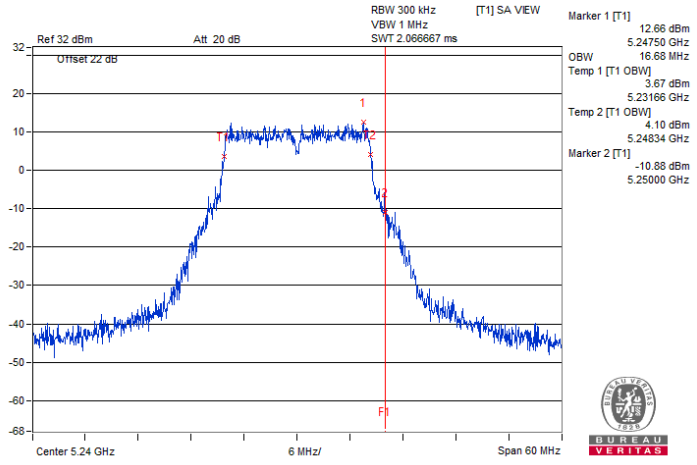
802.11a CDD / Chain 0 : CH 48



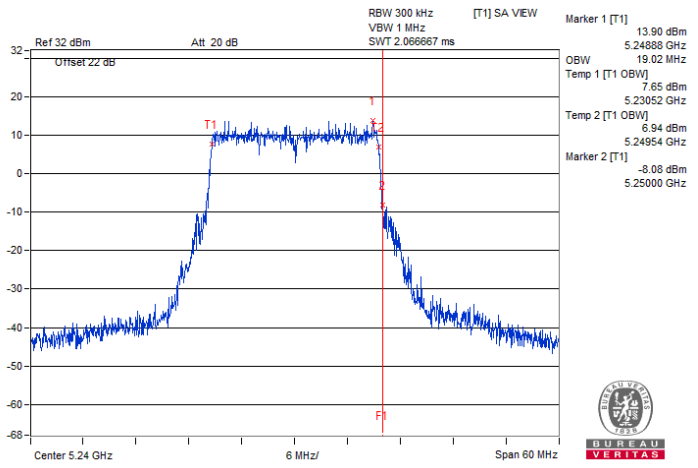
802.11a CDD / Chain 1 : CH 48



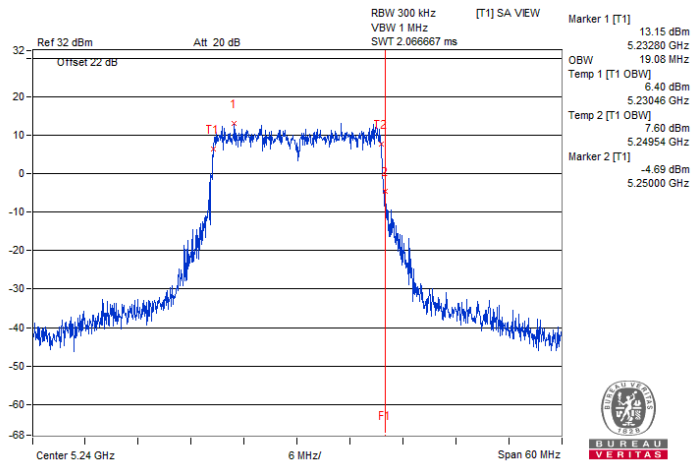
802.11a CDD / Chain 2 : CH 48



802.11a CDD / Chain 3 : CH 48



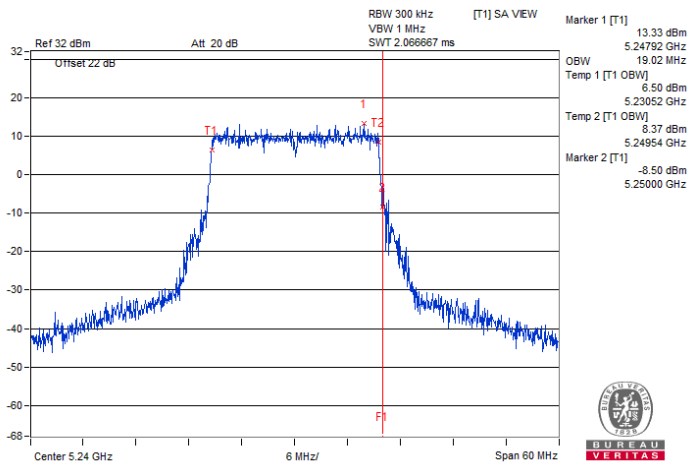
802.11be (EHT20) Beamforming / Chain 0 : CH 48



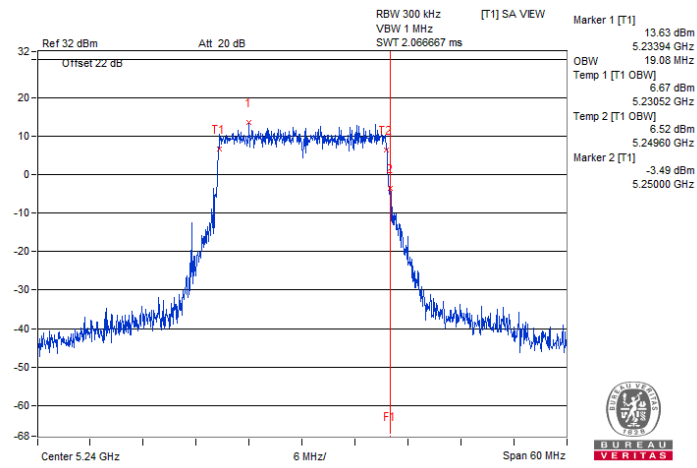
802.11be (EHT20) Beamforming / Chain 1 : CH 48

Spectrum Plot for nearby DFS band

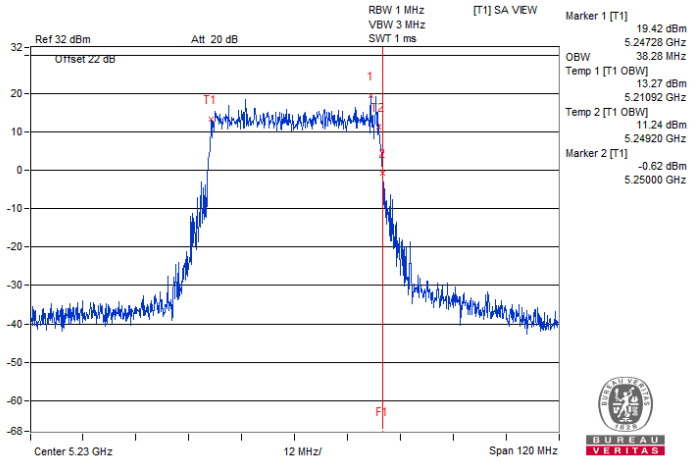
(DFS is required, if 99% OCP straddle into U-NII-2A)



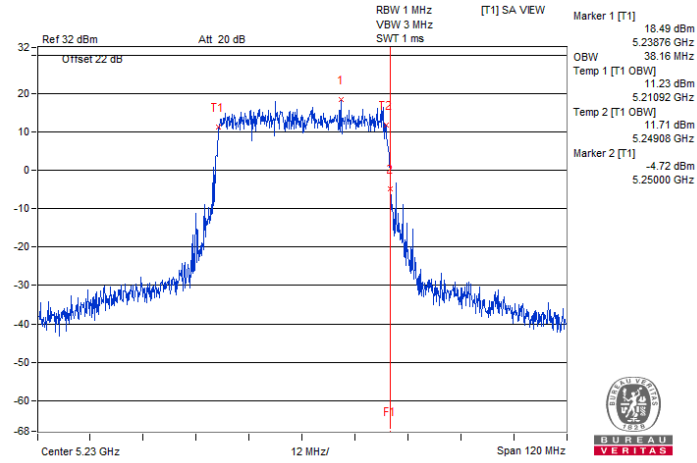
802.11be (EHT20) Beamforming / Chain 2 : CH 48



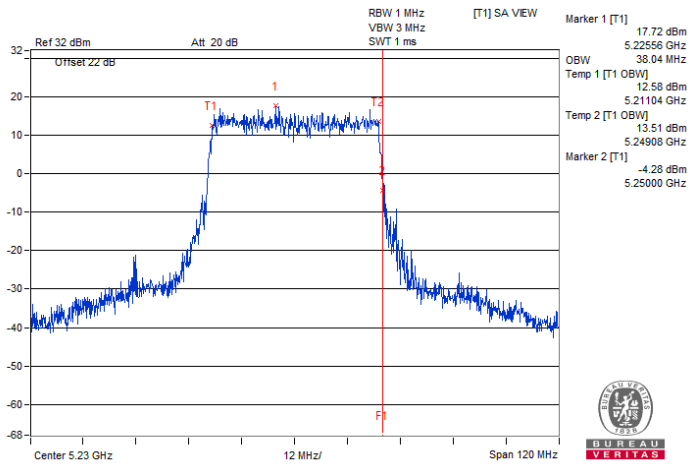
802.11be (EHT20) Beamforming / Chain 3 : CH 48



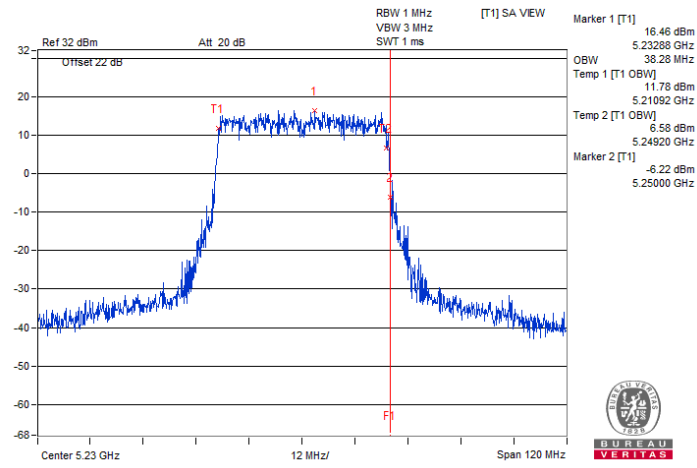
802.11be (EHT40) Beamforming / Chain 0 : CH 46



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



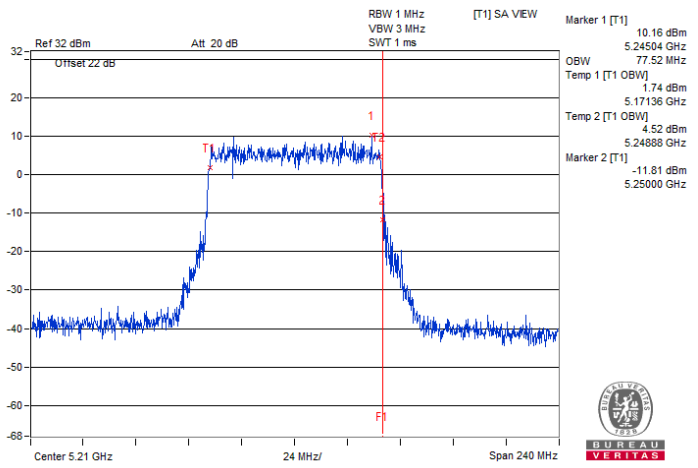
802.11be (EHT40) Beamforming / Chain 2 : CH 46



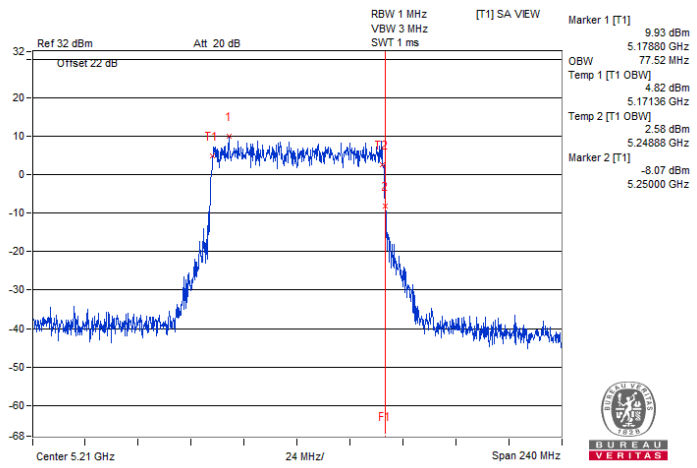
802.11be (EHT40) Beamforming / Chain 3 : CH 46

Spectrum Plot for nearby DFS band

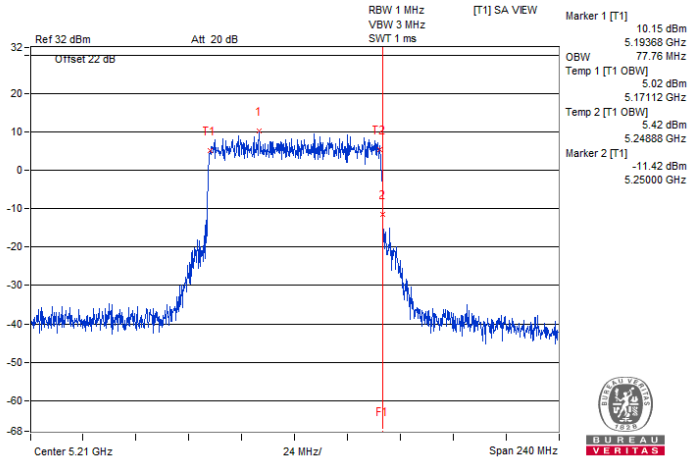
(DFS is required, if 99% OCP straddle into U-NII-2A)



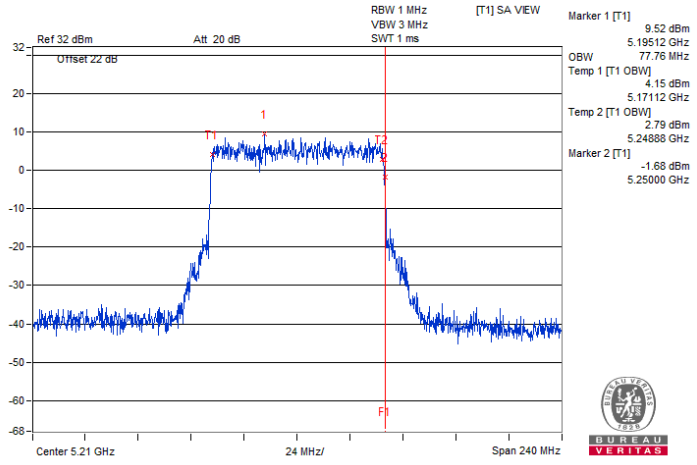
802.11be (EHT80) Beamforming / Chain 0 : CH 42



802.11be (EHT80) Beamforming / Chain 1 : CH 42



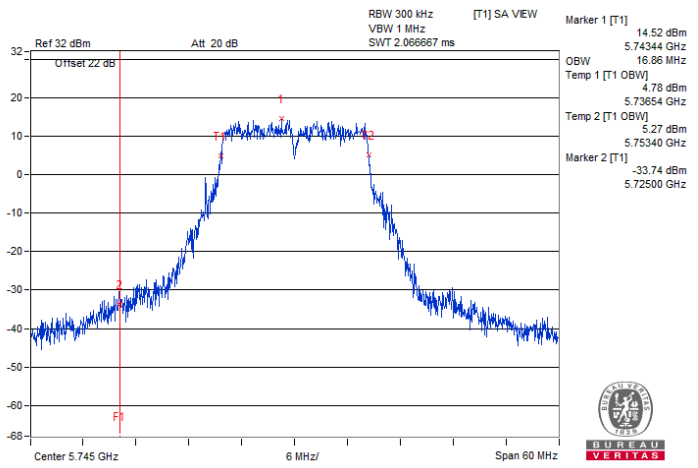
802.11be (EHT80) Beamforming / Chain 2 : CH 42



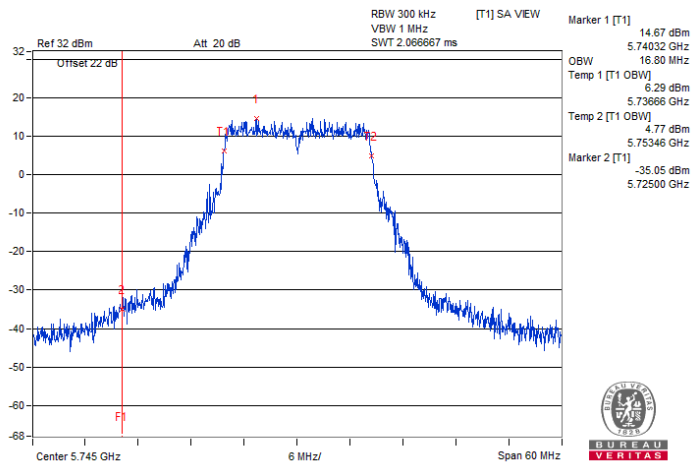
802.11be (EHT80) Beamforming / Chain 3 : CH 42

Spectrum Plot for nearby DFS band

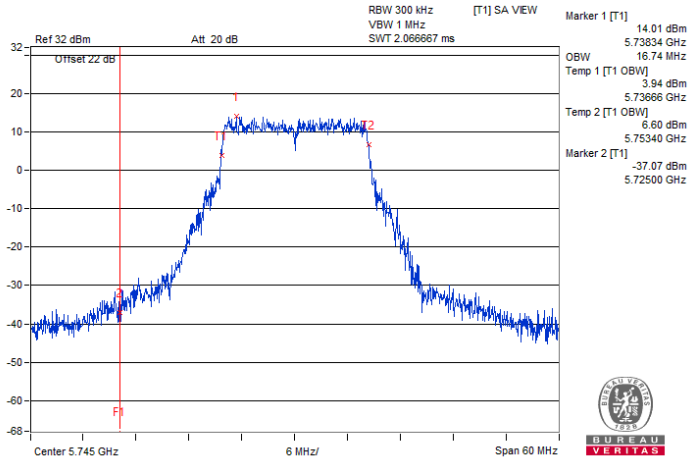
(DFS is required, if 99% OCP straddle into U-NII-2C)



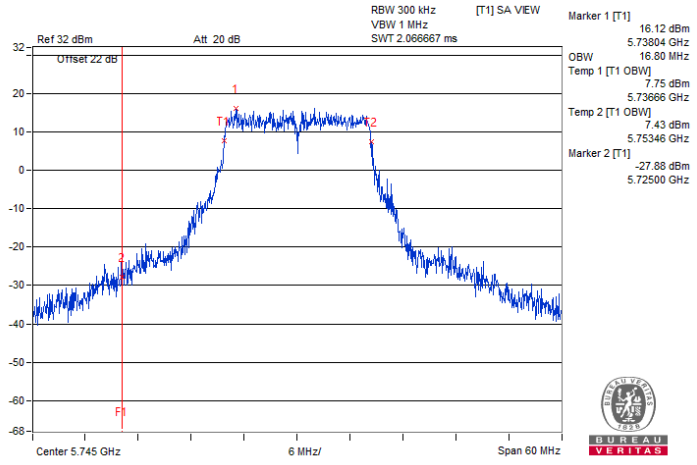
802.11a CDD / Chain 0 : CH 149



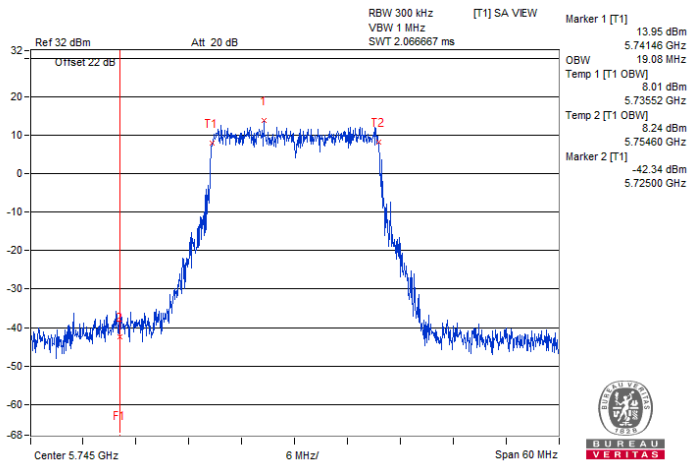
802.11a CDD / Chain 1 : CH 149



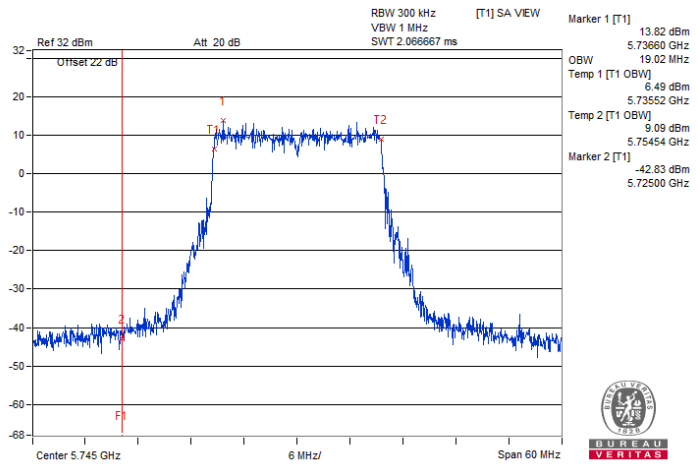
802.11a CDD / Chain 2 : CH 149



802.11a CDD / Chain 3 : CH 149



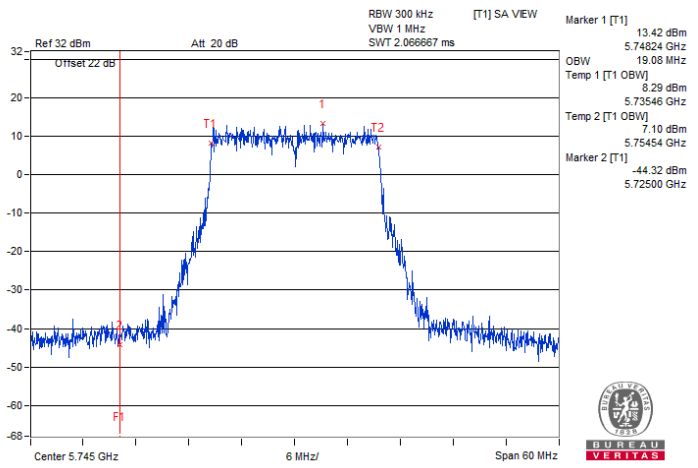
802.11be (EHT20) Beamforming / Chain 0 : CH 149



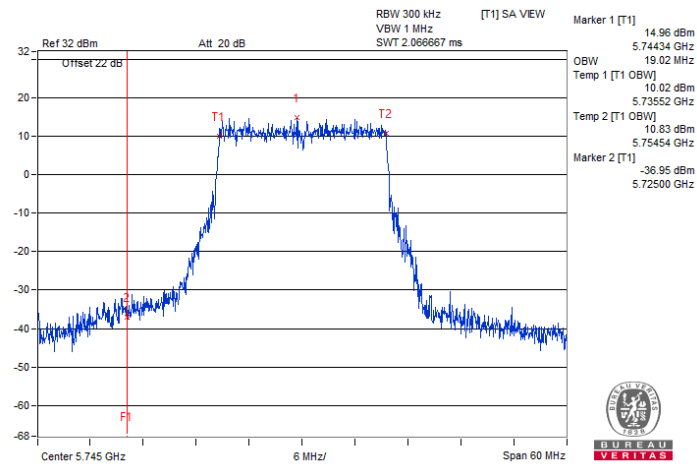
802.11be (EHT20) Beamforming / Chain 1 : CH 149

Spectrum Plot for nearby DFS band

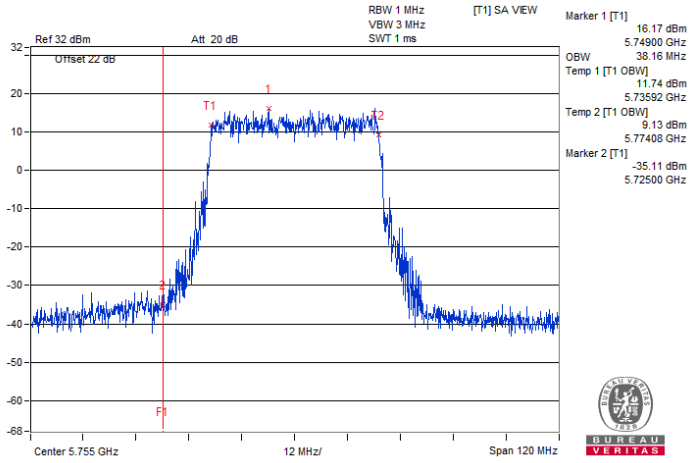
(DFS is required, if 99% OCP straddle into U-NII-2C)



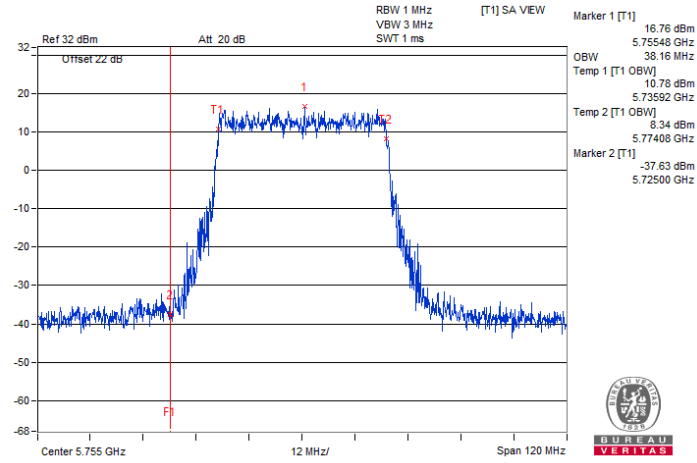
802.11be (EHT20) Beamforming / Chain 2 : CH 149



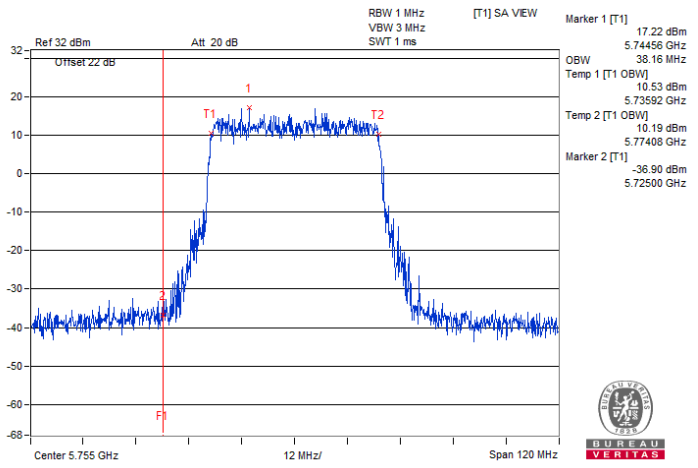
802.11be (EHT20) Beamforming / Chain 3 : CH 149



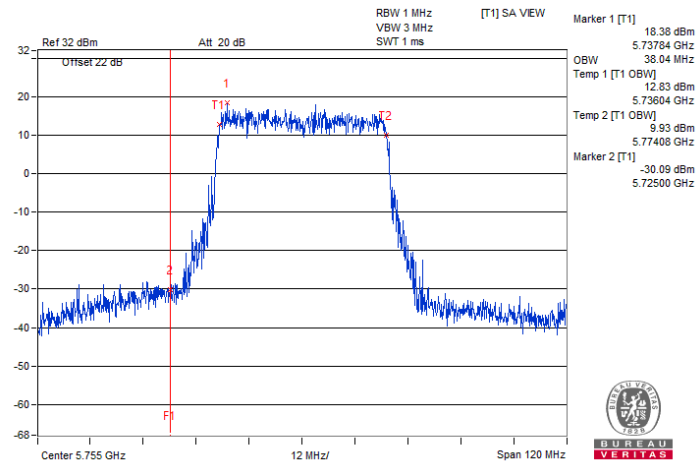
802.11be (EHT40) Beamforming / Chain 0 : CH 151



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



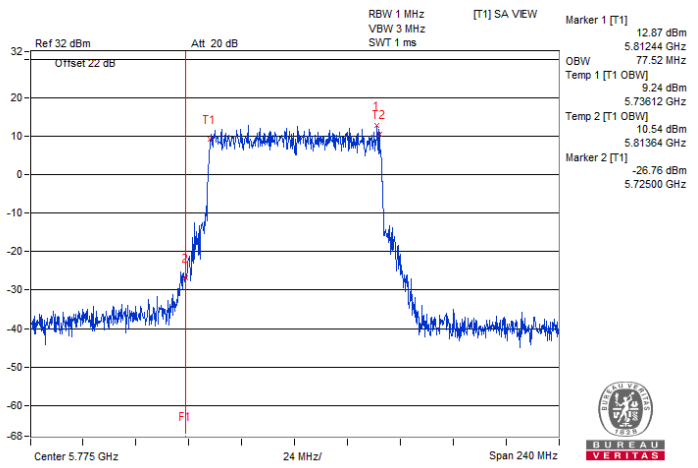
802.11be (EHT40) Beamforming / Chain 2 : CH 151



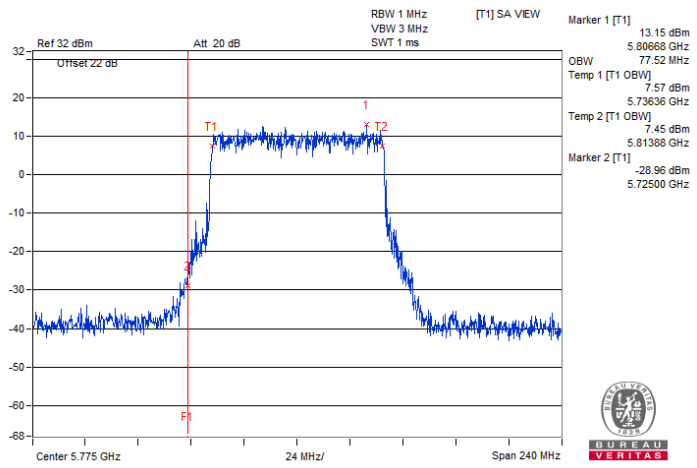
802.11be (EHT40) Beamforming / Chain 3 : CH 151

Spectrum Plot for nearby DFS band

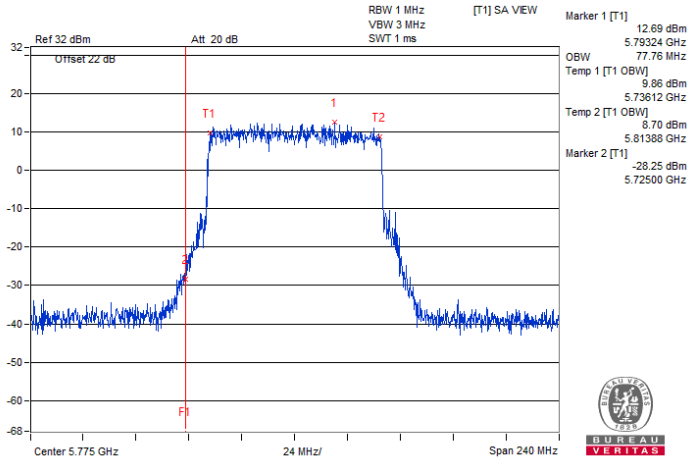
(DFS is required, if 99% OCP straddle into U-NII-2C)



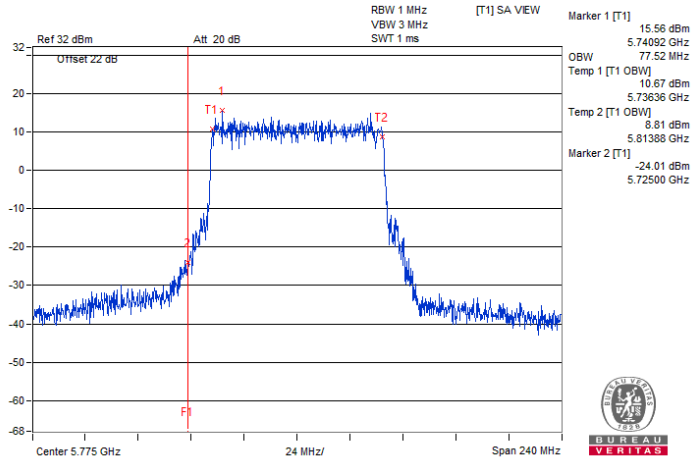
802.11be (EHT80) Beamforming / Chain 0 : CH 155



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



802.11be (EHT80) Beamforming / Chain 2 : CH 155



802.11be (EHT80) Beamforming / Chain 3 : CH 155

7.6 Frequency Stability

Input Power:	12 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

Frequency Stability Versus Temperature									
Operating Frequency: 5180 MHz									
Temp. (℃)	Power Supply (Vdc)	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	12	5179.9994	Pass	5179.9982	Pass	5180.0003	Pass	5179.9993	Pass
30	12	5179.9858	Pass	5179.9868	Pass	5179.9851	Pass	5179.985	Pass
20	12	5179.9815	Pass	5179.979	Pass	5179.9774	Pass	5179.9787	Pass
10	12	5180.0028	Pass	5180.0045	Pass	5180.0031	Pass	5180.0035	Pass
0	12	5180.0196	Pass	5180.0194	Pass	5180.0187	Pass	5180.0206	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
Temp. (℃)	Power Supply (Vdc)	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	13.8	5179.9855	Pass	5179.9876	Pass	5179.9849	Pass	5179.9855	Pass
	12	5179.9815	Pass	5179.979	Pass	5179.9774	Pass	5179.9787	Pass
	10.2	5179.9732	Pass	5179.9735	Pass	5179.975	Pass	5179.9719	Pass

7.7 AC Power Conducted Emissions

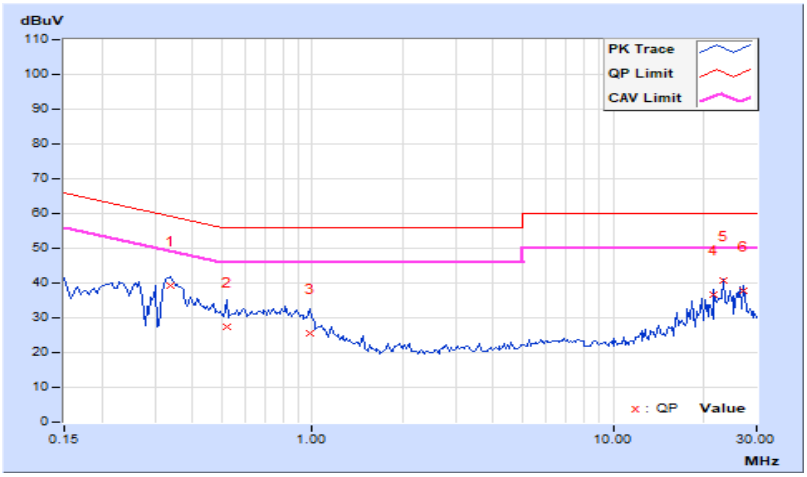
Beamforming

RF Mode	802.11be (EHT20)	**Channel**	CH 36：5180 MHz
Frequency Range	150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	25 °C, 66 % RH
Tested By	Weiwei Lo		

Phase Of Power : Line (L)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.33750	9.94	29.28	16.81	39.22	26.75	59.26	49.26	-20.04	-22.51
2	0.52109	9.95	17.43	9.51	27.38	19.46	56.00	46.00	-28.62	-26.54
3	0.98594	9.98	15.49	8.44	25.47	18.42	56.00	46.00	-30.53	-27.58
4	21.66406	11.20	25.59	22.46	36.79	33.66	60.00	50.00	-23.21	-16.34
5	**23.12891**	**11.26**	**29.51**	**26.42**	**40.77**	**37.68**	**60.00**	**50.00**	**-19.23**	**-12.32**
6	27.16016	11.41	26.28	24.10	37.69	35.51	60.00	50.00	-22.31	-14.49

Remarks:

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

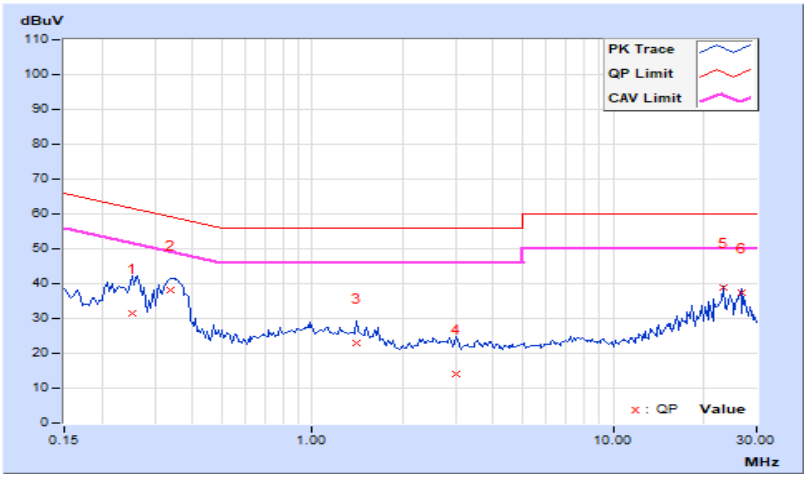


RF Mode	802.11be (EHT20)	Channel	CH 36：5180 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 66 % RH
Tested By	Weiwei Lo		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.25156	9.99	21.40	10.64	31.39	20.63	61.71	51.71	-30.32	-31.08
2	0.33750	10.00	28.17	15.23	38.17	25.23	59.26	49.26	-21.09	-24.03
3	1.40625	10.05	12.89	6.31	22.94	16.36	56.00	46.00	-33.06	-29.64
4	3.00391	10.12	3.96	-1.50	14.08	8.62	56.00	46.00	-41.92	-37.38
5	23.12891	10.95	28.00	24.99	38.95	35.94	60.00	50.00	-21.05	-14.06
6	26.60938	11.02	26.31	23.91	37.33	34.93	60.00	50.00	-22.67	-15.07

Remarks:

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



7.8 Unwanted Emissions below 1 GHz

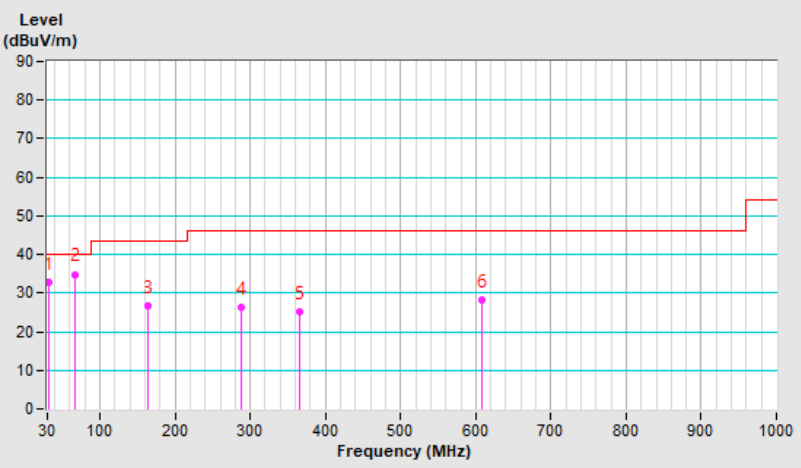
Beamforming

RF Mode	802.11be (EHT20)	**Channel**	CH 36：5180 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, 68 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	32.52	32.9 QP	40.0	-7.1	3.00 H	2	46.7	-13.8
2	66.62	34.9 QP	40.0	-5.1	3.00 H	256	49.3	-14.4
3	163.16	26.5 QP	43.5	-17.0	1.50 H	135	39.5	-13.0
4	288.48	26.4 QP	46.0	-19.6	1.00 H	34	39.2	-12.8
5	364.97	25.2 QP	46.0	-20.8	1.00 H	102	36.0	-10.8
6	608.85	28.2 QP	46.0	-17.8	1.50 H	101	33.2	-5.0

Remarks:

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

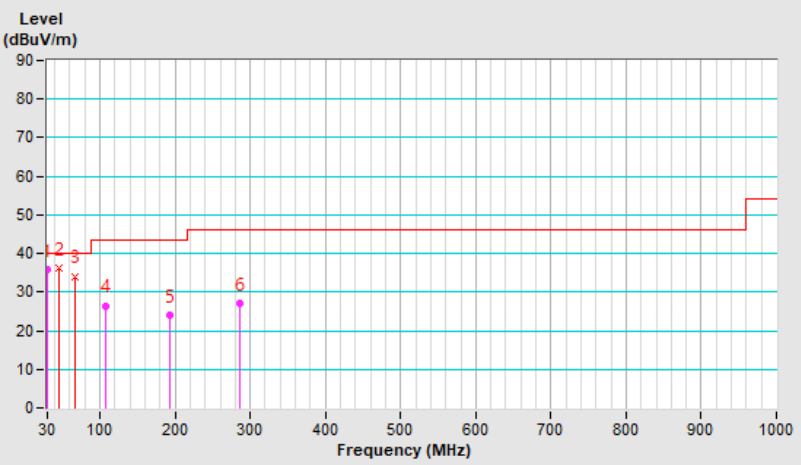


RF Mode	802.11be (EHT20)	**Channel**	CH 36：5180 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	Weiwei Lo		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	30.87	35.7 QP	40.0	-4.3	1.00 V	330	49.7	-14.0
2	**45.74**	**36.3 QP**	**40.0**	**-3.7**	**2.00 V**	**360**	**49.1**	**-12.8**
3	66.64	34.1 QP	40.0	-5.9	1.00 V	192	48.5	-14.4
4	107.53	26.5 QP	43.5	-17.0	1.50 V	357	42.4	-15.9
5	193.54	23.9 QP	43.5	-19.6	1.50 V	345	39.9	-16.0
6	287.00	27.1 QP	46.0	-18.9	1.50 V	2	39.9	-12.8

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



7.9 Unwanted Emissions above 1 GHz

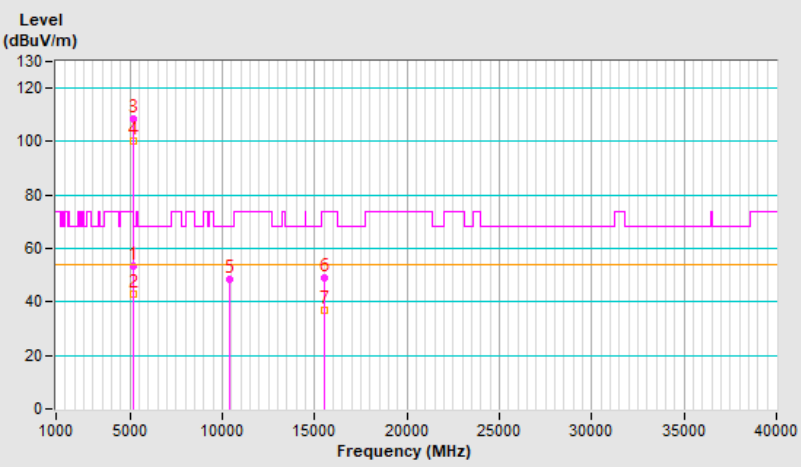
CDD

RF Mode	802.11a	**Channel**	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 71 % RH
Tested By	Sampson Chen		

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	53.5 PK	74.0	-20.5	1.43 H	80	47.5	6.0
2	5150.00	43.1 AV	54.0	-10.9	1.43 H	80	37.1	6.0
3	*5180.00	108.7 PK			1.43 H	80	102.8	5.9
4	*5180.00	100.2 AV			1.43 H	80	94.3	5.9
5	#10360.00	48.4 PK	68.2	-19.8	1.04 H	126	32.5	15.9
6	15540.00	49.1 PK	74.0	-24.9	2.60 H	324	32.2	16.9
7	15540.00	37.0 AV	54.0	-17.0	2.60 H	324	20.1	16.9

Remarks:

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

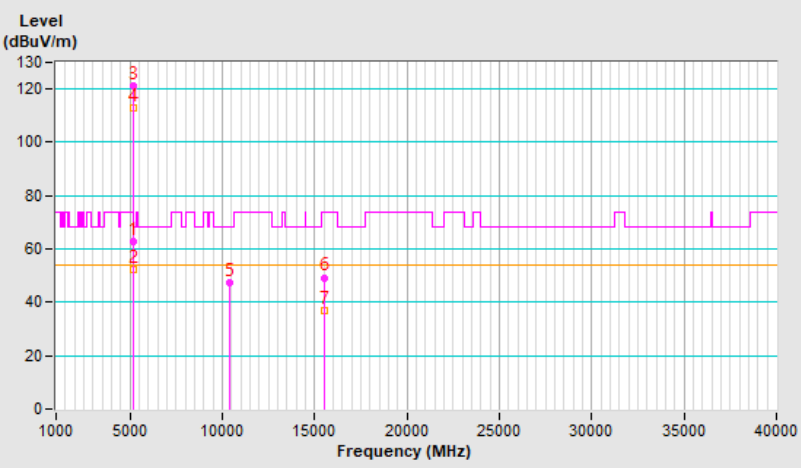


RF Mode	802.11a	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5147.40	62.6 PK	74.0	-11.4	1.68 V	273	56.6	6.0
2	5147.40	52.4 AV	54.0	-1.6	1.68 V	273	46.4	6.0
3	*5180.00	121.1 PK			1.68 V	273	115.2	5.9
4	*5180.00	112.7 AV			1.68 V	273	106.8	5.9
5	#10360.00	47.3 PK	68.2	-20.9	1.95 V	120	31.4	15.9
6	15540.00	49.3 PK	74.0	-24.7	3.42 V	244	32.4	16.9
7	15540.00	37.1 AV	54.0	-16.9	3.42 V	244	20.2	16.9

Remarks:

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

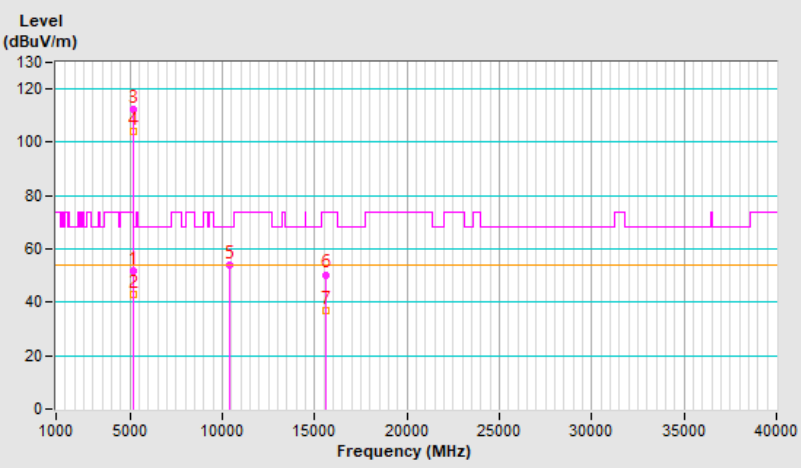


RF Mode	802.11a	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	52.0 PK	74.0	-22.0	1.50 H	10	46.0	6.0
2	5150.00	42.9 AV	54.0	-11.1	1.50 H	10	36.9	6.0
3	*5200.00	112.3 PK			1.50 H	10	106.6	5.7
4	*5200.00	104.2 AV			1.50 H	10	98.5	5.7
5	#10400.00	53.8 PK	68.2	-14.4	1.09 H	139	37.7	16.1
6	15600.00	50.4 PK	74.0	-23.6	2.61 H	322	33.5	16.9
7	15600.00	36.8 AV	54.0	-17.2	2.61 H	322	19.9	16.9

Remarks:

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

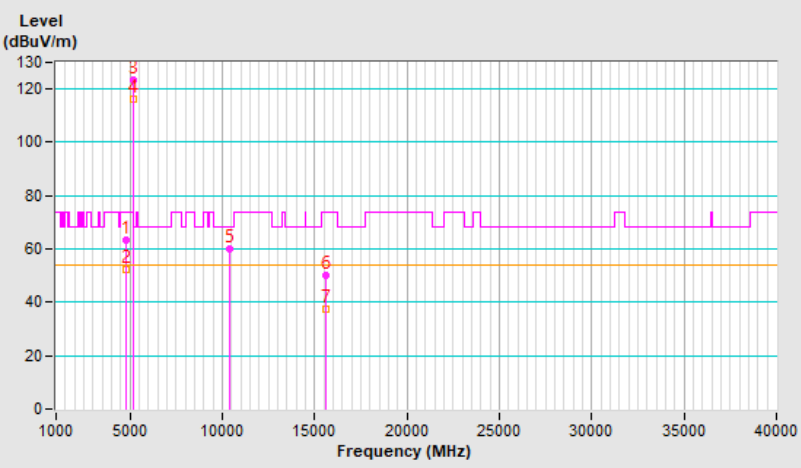


RF Mode	802.11a	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	4812.80	63.2 PK	74.0	-10.8	1.69 V	10	58.6	4.6
2	4812.80	52.4 AV	54.0	-1.6	1.69 V	10	47.8	4.6
3	*5200.00	123.4 PK			1.69 V	10	117.7	5.7
4	*5200.00	116.4 AV			1.69 V	10	110.7	5.7
5	#10400.00	59.8 PK	68.2	-8.4	2.02 V	22	43.7	16.1
6	15600.00	50.0 PK	74.0	-24.0	3.47 V	262	33.1	16.9
7	15600.00	37.3 AV	54.0	-16.7	3.47 V	262	20.4	16.9

Remarks:

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

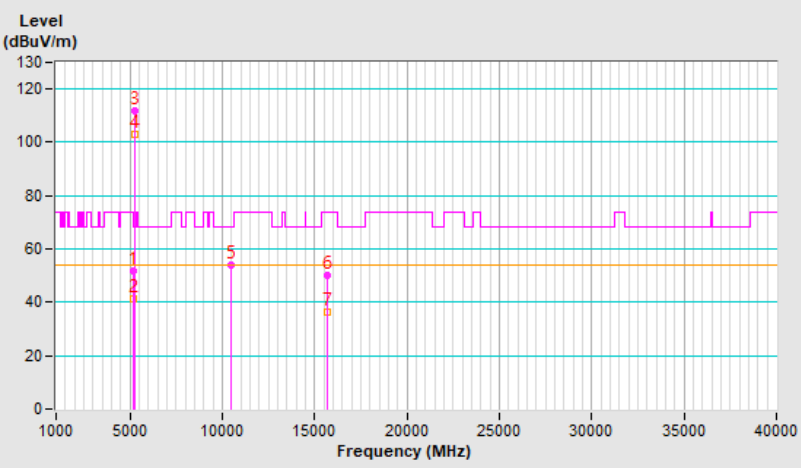


RF Mode	802.11a	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	51.8 PK	74.0	-22.2	1.49 H	5	45.8	6.0
2	5150.00	41.1 AV	54.0	-12.9	1.49 H	5	35.1	6.0
3	*5240.00	111.7 PK			1.49 H	5	106.1	5.6
4	*5240.00	103.0 AV			1.49 H	5	97.4	5.6
5	#10480.00	54.0 PK	68.2	-14.2	1.11 H	153	38.0	16.0
6	15720.00	50.0 PK	74.0	-24.0	2.63 H	333	32.8	17.2
7	15720.00	36.3 AV	54.0	-17.7	2.63 H	333	19.1	17.2

Remarks:

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

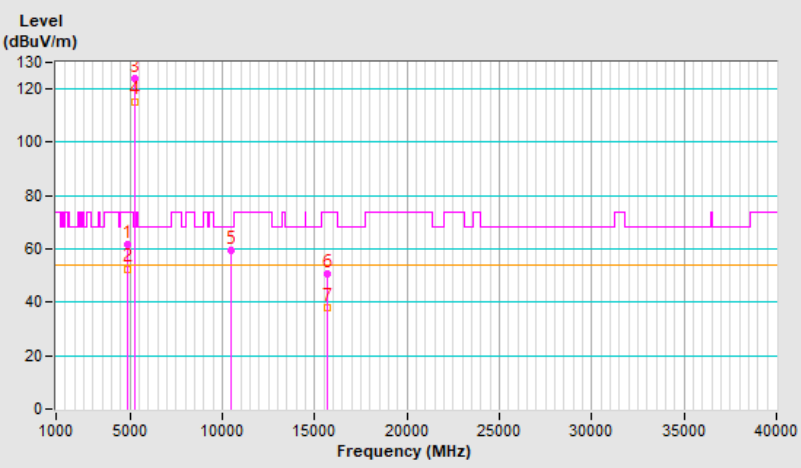


RF Mode	802.11a	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	4853.74	61.5 PK	74.0	-12.5	1.59 V	165	56.9	4.6
2	4853.74	52.6 AV	54.0	-1.4	1.59 V	165	48.0	4.6
3	*5240.00	124.0 PK			1.59 V	165	118.4	5.6
4	*5240.00	115.4 AV			1.59 V	165	109.8	5.6
5	#10480.00	59.4 PK	68.2	-8.8	2.00 V	14	43.4	16.0
6	15720.00	50.8 PK	74.0	-23.2	3.46 V	259	33.6	17.2
7	15720.00	37.8 AV	54.0	-16.2	3.46 V	259	20.6	17.2

Remarks:

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

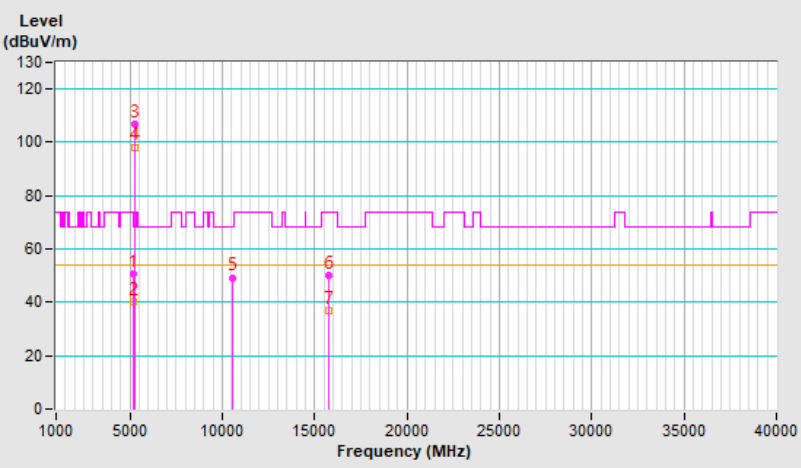


RF Mode	802.11a	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	50.7 PK	74.0	-23.3	1.52 H	6	44.7	6.0
2	5150.00	40.4 AV	54.0	-13.6	1.52 H	6	34.4	6.0
3	*5260.00	107.0 PK			1.52 H	6	101.5	5.5
4	*5260.00	98.3 AV			1.52 H	6	92.8	5.5
5	#10520.00	49.3 PK	68.2	-18.9	1.28 H	232	33.4	15.9
6	15780.00	50.1 PK	74.0	-23.9	2.59 H	306	33.0	17.1
7	15780.00	36.9 AV	54.0	-17.1	2.59 H	306	19.8	17.1

Remarks:

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

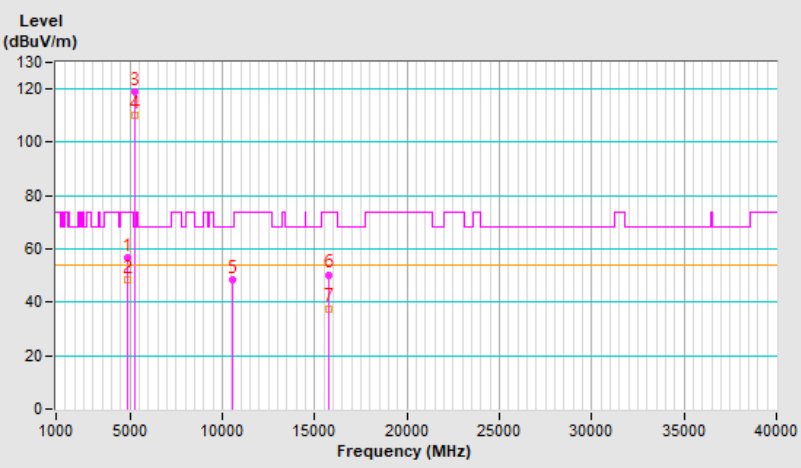


RF Mode	802.11a	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	4873.00	56.8 PK	74.0	-17.2	1.56 V	166	52.2	4.6
2	4873.00	48.4 AV	54.0	-5.6	1.56 V	166	43.8	4.6
3	*5260.00	119.0 PK			1.56 V	166	113.5	5.5
4	*5260.00	110.2 AV			1.56 V	166	104.7	5.5
5	#10520.00	48.3 PK	68.2	-19.9	1.99 V	116	32.4	15.9
6	15780.00	50.4 PK	74.0	-23.6	3.46 V	228	33.3	17.1
7	15780.00	37.7 AV	54.0	-16.3	3.46 V	228	20.6	17.1

Remarks:

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

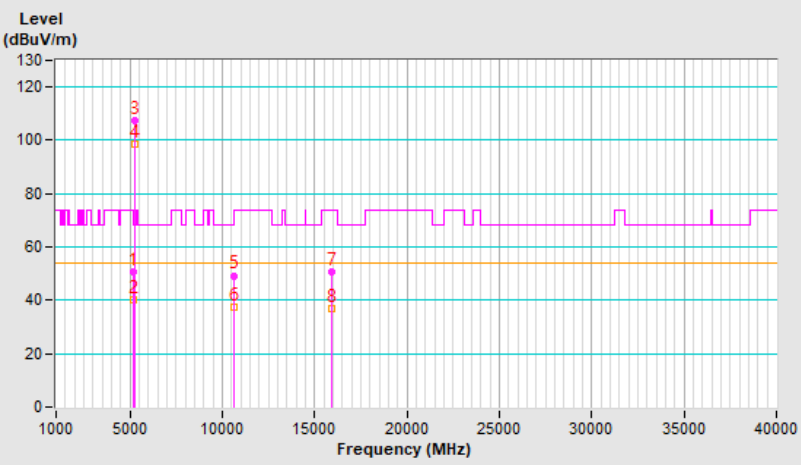


RF Mode	802.11a	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	50.5 PK	74.0	-23.5	1.52 H	6	44.5	6.0
2	5150.00	40.1 AV	54.0	-13.9	1.52 H	6	34.1	6.0
3	*5300.00	107.5 PK			1.52 H	6	102.1	5.4
4	*5300.00	98.5 AV			1.52 H	6	93.1	5.4
5	10600.00	49.3 PK	74.0	-24.7	1.27 H	221	33.0	16.3
6	10600.00	37.4 AV	54.0	-16.6	1.27 H	221	21.1	16.3
7	15900.00	50.5 PK	74.0	-23.5	2.58 H	316	33.1	17.4
8	15900.00	37.0 AV	54.0	-17.0	2.58 H	316	19.6	17.4

Remarks:

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

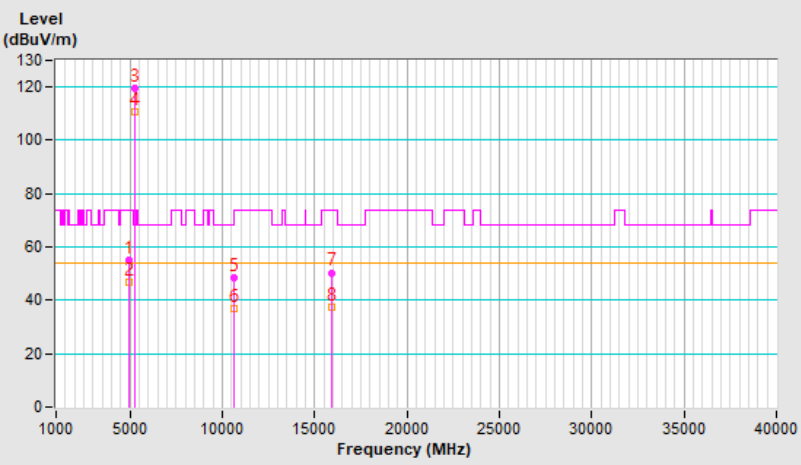


RF Mode	802.11a	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	4919.26	54.9 PK	74.0	-19.1	1.63 V	153	50.2	4.7
2	4919.26	46.7 AV	54.0	-7.3	1.63 V	153	42.0	4.7
3	*5300.00	119.7 PK			1.63 V	153	114.3	5.4
4	*5300.00	110.9 AV			1.63 V	153	105.5	5.4
5	10600.00	48.2 PK	74.0	-25.8	2.01 V	126	31.9	16.3
6	10600.00	36.7 AV	54.0	-17.3	2.01 V	126	20.4	16.3
7	15900.00	50.4 PK	74.0	-23.6	3.45 V	230	33.0	17.4
8	15900.00	37.6 AV	54.0	-16.4	3.45 V	230	20.2	17.4

Remarks:

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

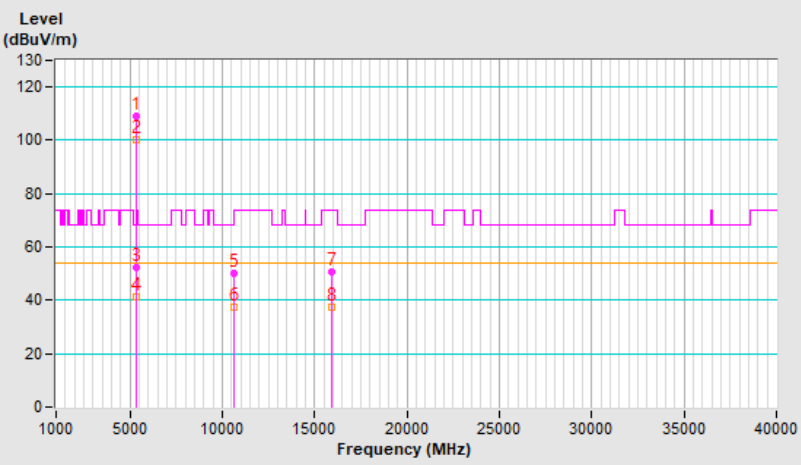


RF Mode	802.11a	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	109.1 PK			2.79 H	228	103.5	5.6
2	*5320.00	100.4 AV			2.79 H	228	94.8	5.6
3	5350.00	52.5 PK	74.0	-21.5	2.79 H	228	46.6	5.9
4	5350.00	41.5 AV	54.0	-12.5	2.79 H	228	35.6	5.9
5	10640.00	49.9 PK	74.0	-24.1	1.31 H	240	33.5	16.4
6	10640.00	37.5 AV	54.0	-16.5	1.31 H	240	21.1	16.4
7	15960.00	50.7 PK	74.0	-23.3	2.65 H	323	33.5	17.2
8	15960.00	37.4 AV	54.0	-16.6	2.65 H	323	20.2	17.2

Remarks:

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

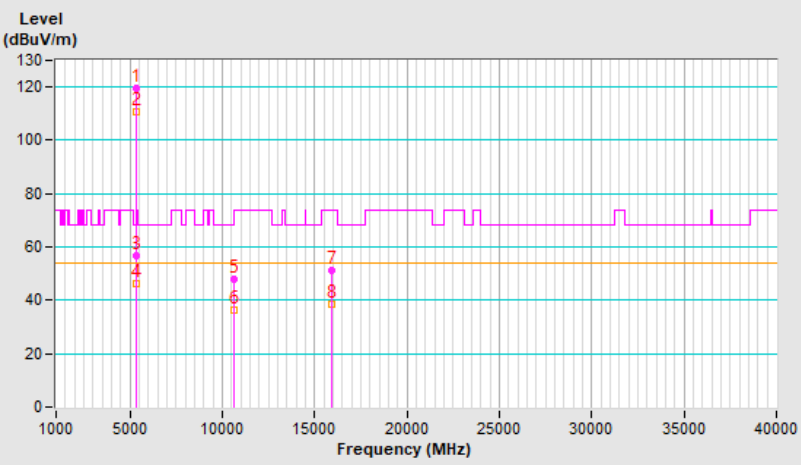


RF Mode	802.11a	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	119.6 PK			1.50 V	152	114.0	5.6
2	*5320.00	110.5 AV			1.50 V	152	104.9	5.6
3	5350.00	56.7 PK	74.0	-17.3	1.50 V	152	50.8	5.9
4	5350.00	46.1 AV	54.0	-7.9	1.50 V	152	40.2	5.9
5	10640.00	48.0 PK	74.0	-26.0	1.92 V	138	31.6	16.4
6	10640.00	36.4 AV	54.0	-17.6	1.92 V	138	20.0	16.4
7	15960.00	51.2 PK	74.0	-22.8	3.46 V	249	34.0	17.2
8	15960.00	38.3 AV	54.0	-15.7	3.46 V	249	21.1	17.2

Remarks:

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

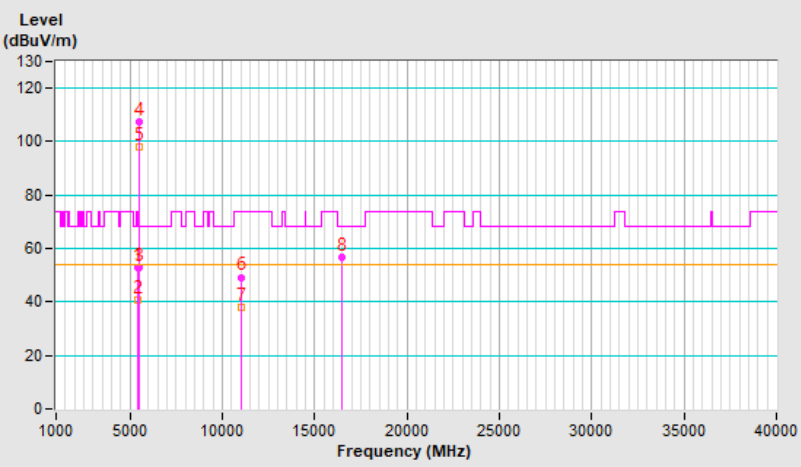


RF Mode	802.11a	**Channel**	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 71 % RH
Tested By	Sampson Chen		

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	52.8 PK	74.0	-21.2	1.61 H	332	46.8	6.0
2	5460.00	40.5 AV	54.0	-13.5	1.61 H	332	34.5	6.0
3	#5470.00	53.0 PK	68.2	-15.2	1.61 H	332	47.0	6.0
4	*5500.00	107.4 PK			1.61 H	332	101.4	6.0
5	*5500.00	98.2 AV			1.61 H	332	92.2	6.0
6	11000.00	49.3 PK	74.0	-24.7	1.33 H	229	32.4	16.9
7	11000.00	37.8 AV	54.0	-16.2	1.33 H	229	20.9	16.9
8	#16500.00	56.7 PK	68.2	-11.5	2.50 H	321	37.1	19.6

Remarks:

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

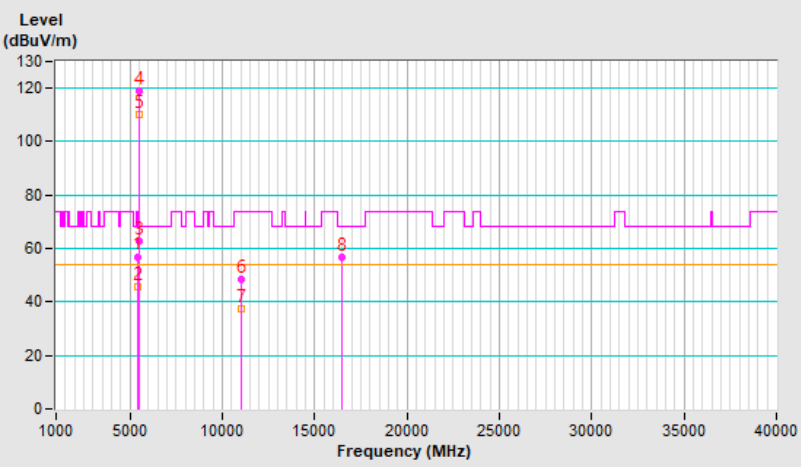


RF Mode	802.11a	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.0 PK	74.0	-17.0	1.50 V	155	51.0	6.0
2	5460.00	45.6 AV	54.0	-8.4	1.50 V	155	39.6	6.0
3	#5470.00	62.8 PK	68.2	-5.4	1.50 V	155	56.8	6.0
4	*5500.00	119.0 PK			1.50 V	155	113.0	6.0
5	*5500.00	110.0 AV			1.50 V	155	104.0	6.0
6	11000.00	48.6 PK	74.0	-25.4	2.07 V	114	31.7	16.9
7	11000.00	37.2 AV	54.0	-16.8	2.07 V	114	20.3	16.9
8	#16500.00	56.6 PK	68.2	-11.6	3.45 V	222	37.0	19.6

Remarks:

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

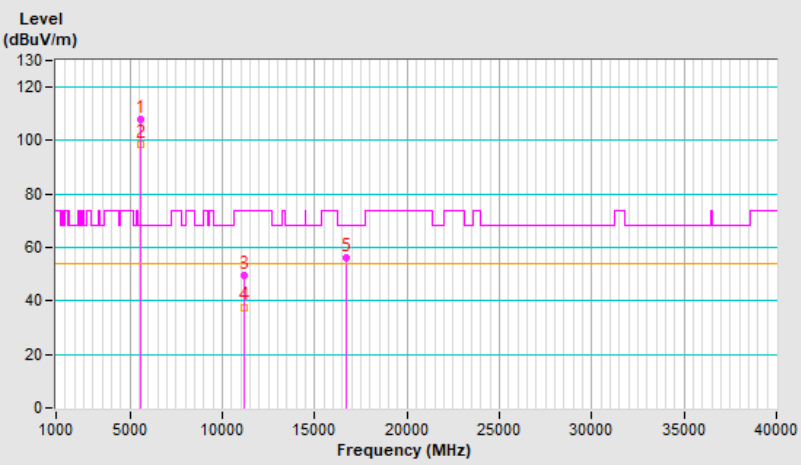


RF Mode	802.11a	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	108.1 PK			1.60 H	345	102.2	5.9
2	*5580.00	98.6 AV			1.60 H	345	92.7	5.9
3	11160.00	49.5 PK	74.0	-24.5	1.40 H	248	32.9	16.6
4	11160.00	37.7 AV	54.0	-16.3	1.40 H	248	21.1	16.6
5	#16740.00	56.4 PK	68.2	-11.8	2.56 H	315	35.1	21.3

Remarks:

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

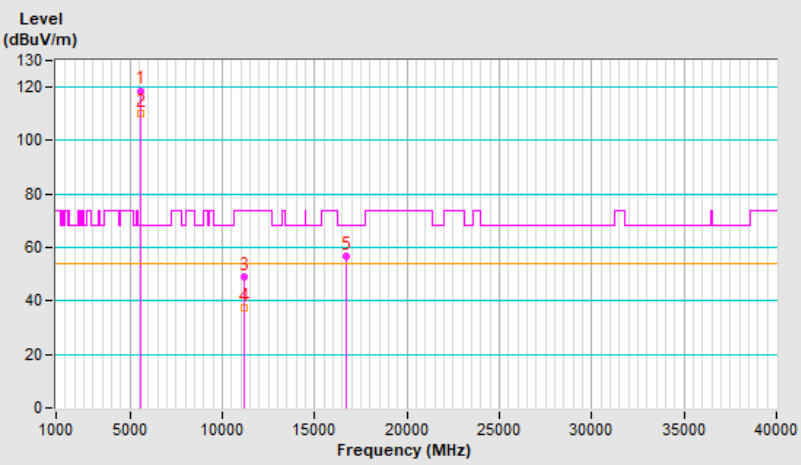


RF Mode	802.11a	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	118.7 PK			1.47 V	161	112.8	5.9
2	*5580.00	110.0 AV			1.47 V	161	104.1	5.9
3	11160.00	48.8 PK	74.0	-25.2	1.99 V	121	32.2	16.6
4	11160.00	37.2 AV	54.0	-16.8	1.99 V	121	20.6	16.6
5	#16740.00	56.6 PK	68.2	-11.6	3.45 V	244	35.3	21.3

Remarks:

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

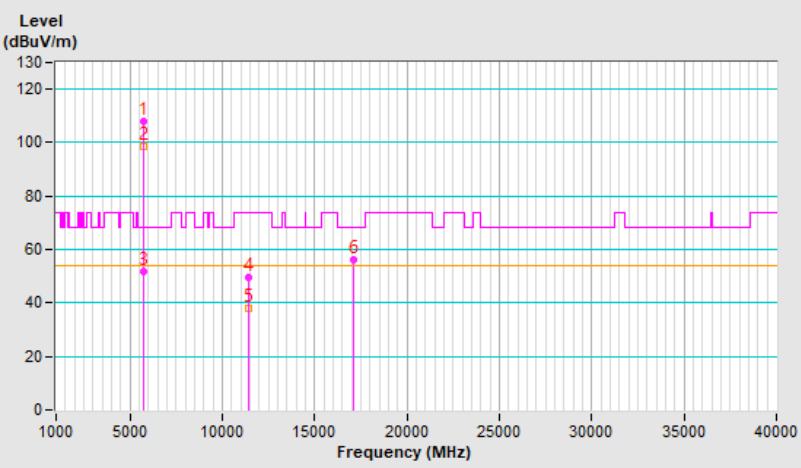


RF Mode	802.11a	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	108.1 PK			1.57 H	353	102.0	6.1
2	*5700.00	98.5 AV			1.57 H	353	92.4	6.1
3	#5725.00	51.6 PK	68.2	-16.6	1.57 H	353	45.4	6.2
4	11400.00	49.8 PK	74.0	-24.2	1.34 H	241	32.9	16.9
5	11400.00	38.0 AV	54.0	-16.0	1.34 H	241	21.1	16.9
6	#17100.00	56.0 PK	68.2	-12.2	2.50 H	305	35.8	20.2

Remarks:

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

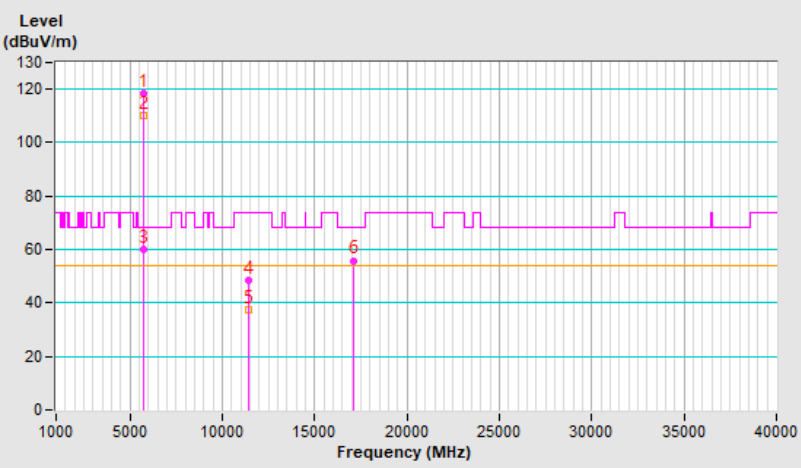


RF Mode	802.11a	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	118.5 PK			1.38 V	155	112.4	6.1
2	*5700.00	110.3 AV			1.38 V	155	104.2	6.1
3	#5725.00	60.2 PK	68.2	-8.0	1.38 V	155	54.0	6.2
4	11400.00	48.5 PK	74.0	-25.5	2.02 V	137	31.6	16.9
5	11400.00	37.2 AV	54.0	-16.8	2.02 V	137	20.3	16.9
6	#17100.00	55.9 PK	68.2	-12.3	3.45 V	215	35.7	20.2

Remarks:

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

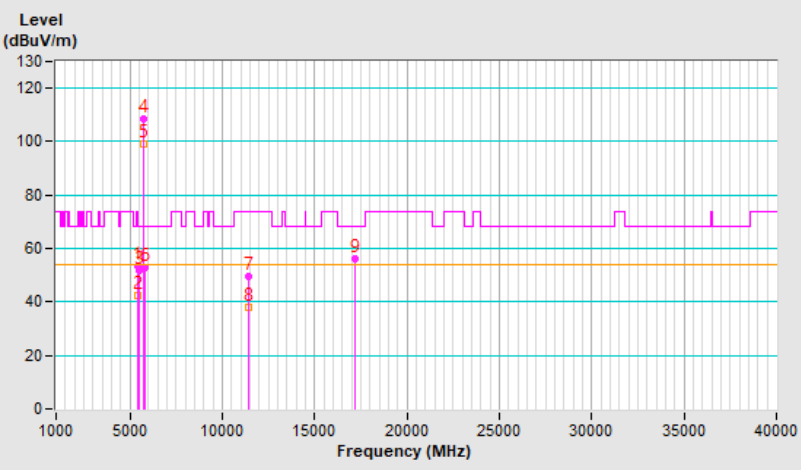


RF Mode	802.11a	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	53.3 PK	74.0	-20.7	1.58 H	346	47.3	6.0
2	5460.00	42.4 AV	54.0	-11.6	1.58 H	346	36.4	6.0
3	#5470.00	52.0 PK	68.2	-16.2	1.58 H	346	46.0	6.0
4	*5720.00	108.3 PK			1.58 H	346	102.1	6.2
5	*5720.00	98.9 AV			1.58 H	346	92.7	6.2
6	#5850.00	53.0 PK	68.2	-15.2	1.58 H	346	46.4	6.6
7	11440.00	49.5 PK	74.0	-24.5	1.33 H	244	32.6	16.9
8	11440.00	37.9 AV	54.0	-16.1	1.33 H	244	21.0	16.9
9	#17160.00	56.4 PK	68.2	-11.8	2.55 H	313	36.4	20.0

Remarks:

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

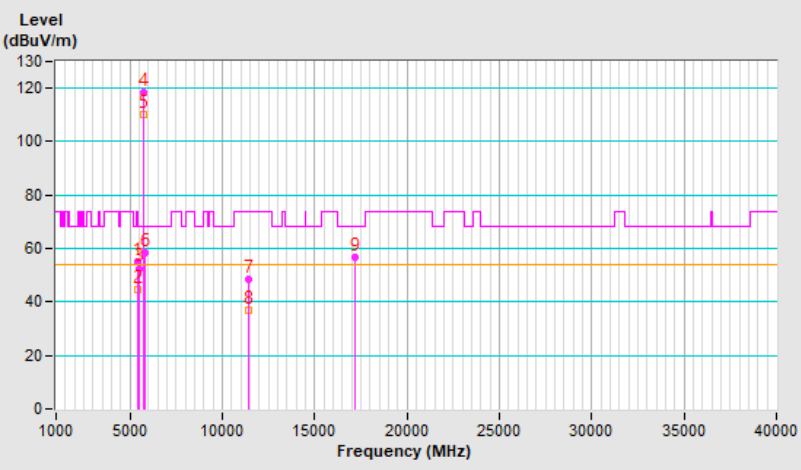


RF Mode	802.11a	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	55.0 PK	74.0	-19.0	1.43 V	150	49.0	6.0
2	5460.00	44.7 AV	54.0	-9.3	1.43 V	150	38.7	6.0
3	#5470.00	52.6 PK	68.2	-15.6	1.43 V	150	46.6	6.0
4	*5720.00	118.5 PK			1.43 V	150	112.3	6.2
5	*5720.00	110.1 AV			1.43 V	150	103.9	6.2
6	#5850.00	58.4 PK	68.2	-9.8	1.43 V	150	51.8	6.6
7	11440.00	48.5 PK	74.0	-25.5	1.97 V	122	31.6	16.9
8	11440.00	36.7 AV	54.0	-17.3	1.97 V	122	19.8	16.9
9	#17160.00	56.6 PK	68.2	-11.6	3.42 V	223	36.6	20.0

Remarks:

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

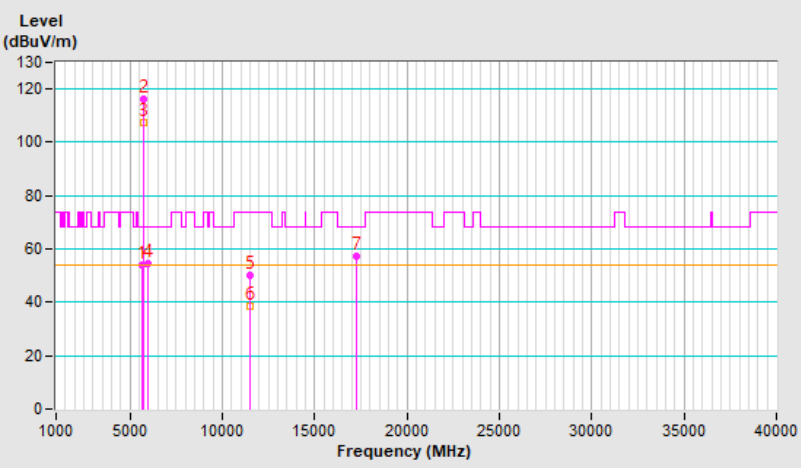


RF Mode	802.11a	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.16	53.8 PK	68.2	-14.4	1.28 H	332	47.9	5.9
2	*5745.00	116.2 PK			1.28 H	332	109.8	6.4
3	*5745.00	107.5 AV			1.28 H	332	101.1	6.4
4	#5943.47	54.4 PK	68.2	-13.8	1.28 H	332	48.0	6.4
5	11490.00	50.2 PK	74.0	-23.8	1.40 H	352	33.3	16.9
6	11490.00	38.4 AV	54.0	-15.6	1.40 H	352	21.5	16.9
7	#17235.00	57.3 PK	68.2	-10.9	1.55 H	338	37.2	20.1

Remarks:

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

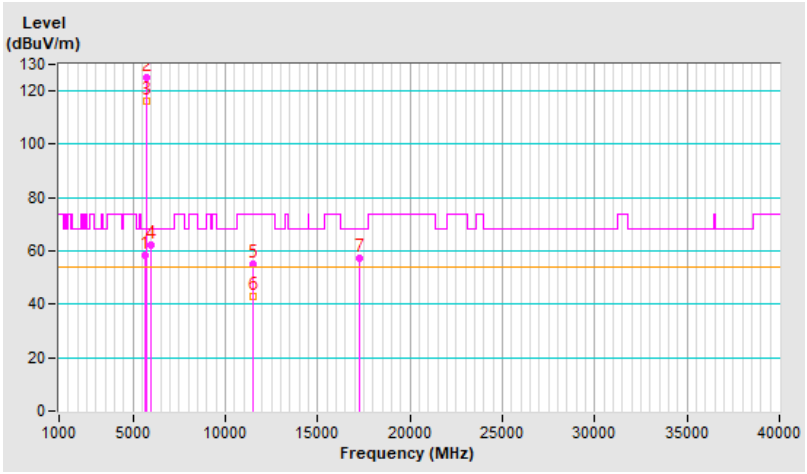


RF Mode	802.11a	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.86	58.2 PK	68.2	-10.0	1.50 V	312	52.2	6.0
2	*5745.00	125.1 PK			1.50 V	312	118.7	6.4
3	*5745.00	116.3 AV			1.50 V	312	109.9	6.4
4	#5940.34	62.2 PK	68.2	-6.0	1.50 V	312	55.8	6.4
5	11490.00	55.3 PK	74.0	-18.7	1.04 V	326	38.4	16.9
6	11490.00	42.8 AV	54.0	-11.2	1.04 V	326	25.9	16.9
7	#17235.00	57.3 PK	68.2	-10.9	1.62 V	257	37.2	20.1

Remarks:

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

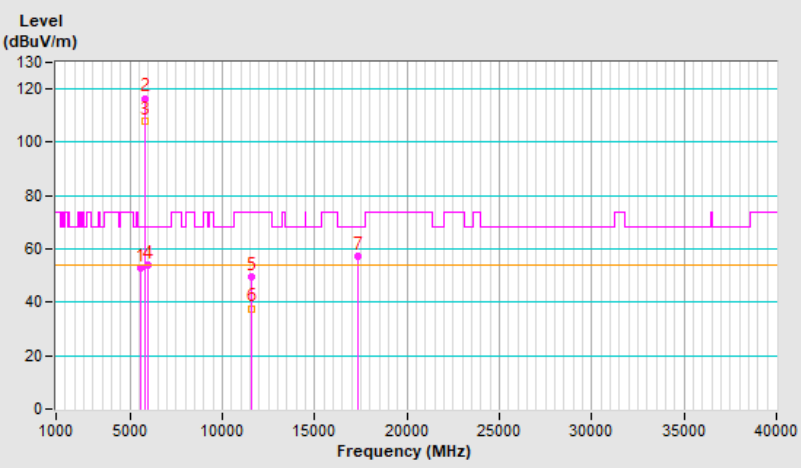


RF Mode	802.11a	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5582.00	52.9 PK	68.2	-15.3	1.26 H	332	47.0	5.9
2	*5785.00	116.5 PK			1.26 H	332	110.0	6.5
3	*5785.00	107.7 AV			1.26 H	332	101.2	6.5
4	#5998.48	54.1 PK	68.2	-14.1	1.26 H	332	47.6	6.5
5	11570.00	49.4 PK	74.0	-24.6	1.31 H	360	32.4	17.0
6	11570.00	37.7 AV	54.0	-16.3	1.31 H	360	20.7	17.0
7	#17355.00	57.1 PK	68.2	-11.1	1.61 H	323	36.0	21.1

Remarks:

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

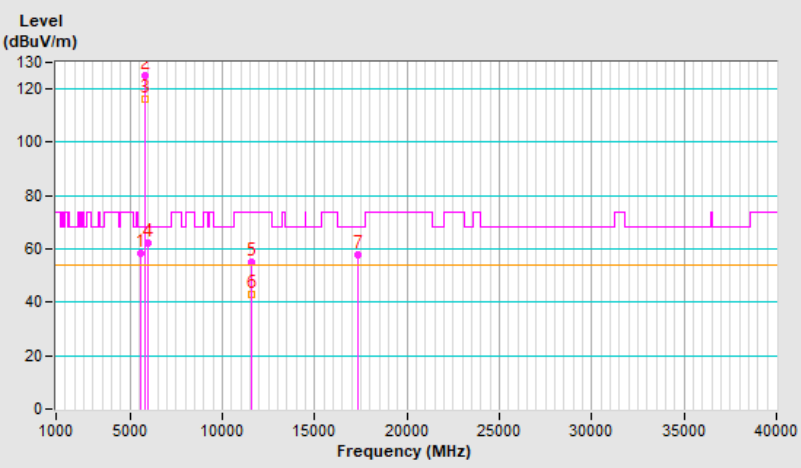


RF Mode	802.11a	**Channel**	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5589.05	58.6 PK	68.2	-9.6	1.50 V	311	52.7	5.9
2	*5785.00	124.8 PK			1.50 V	311	118.3	6.5
3	*5785.00	116.1 AV			1.50 V	311	109.6	6.5
4	#5979.66	62.0 PK	68.2	-6.2	1.50 V	311	55.5	6.5
5	11570.00	54.9 PK	74.0	-19.1	1.01 V	333	37.9	17.0
6	11570.00	42.8 AV	54.0	-11.2	1.01 V	333	25.8	17.0
7	#17355.00	57.7 PK	68.2	-10.5	1.69 V	266	36.6	21.1

Remarks:

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

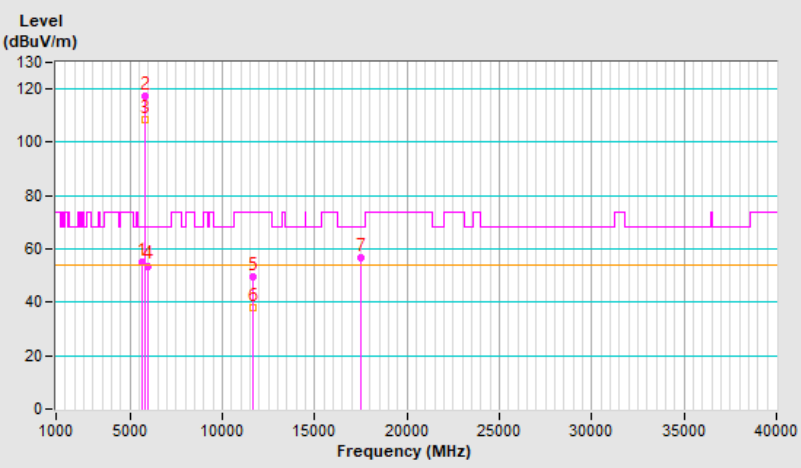


RF Mode	802.11a	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5626.83	55.0 PK	68.2	-13.2	1.26 H	332	49.1	5.9
2	*5825.00	117.5 PK			1.26 H	332	110.9	6.6
3	*5825.00	108.5 AV			1.26 H	332	101.9	6.6
4	#6006.84	53.7 PK	68.2	-14.5	1.26 H	332	47.2	6.5
5	11650.00	49.7 PK	74.0	-24.3	1.37 H	360	32.8	16.9
6	11650.00	38.0 AV	54.0	-16.0	1.37 H	360	21.1	16.9
7	#17475.00	56.8 PK	68.2	-11.4	1.58 H	331	34.4	22.4

Remarks:

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

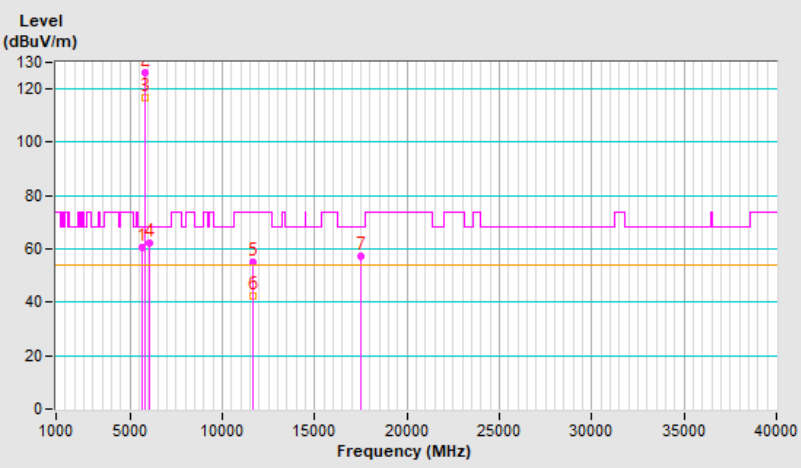


RF Mode	802.11a	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5627.75	60.6 PK	68.2	-7.6	1.49 V	313	54.7	5.9
2	*5825.00	126.0 PK			1.49 V	313	119.4	6.6
3	*5825.00	116.8 AV			1.49 V	313	110.2	6.6
4	#6014.21	62.2 PK	68.2	-6.0	1.49 V	313	55.7	6.5
5	11650.00	54.9 PK	74.0	-19.1	1.05 V	330	38.0	16.9
6	11650.00	42.6 AV	54.0	-11.4	1.05 V	330	25.7	16.9
7	#17475.00	57.4 PK	68.2	-10.8	1.67 V	267	35.0	22.4

Remarks:

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



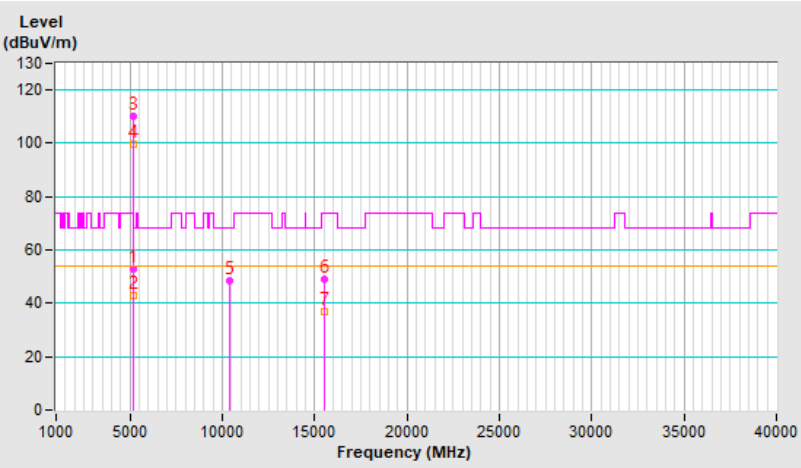
Beamforming

RF Mode	802.11be (EHT20)	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	53.1 PK	74.0	-20.9	1.28 H	81	47.1	6.0
2	5150.00	42.7 AV	54.0	-11.3	1.28 H	81	36.7	6.0
3	*5180.00	110.3 PK			1.28 H	81	104.4	5.9
4	*5180.00	99.9 AV			1.28 H	81	94.0	5.9
5	#10360.00	48.4 PK	68.2	-19.8	1.02 H	124	32.5	15.9
6	15540.00	49.0 PK	74.0	-25.0	2.61 H	311	32.1	16.9
7	15540.00	37.0 AV	54.0	-17.0	2.61 H	311	20.1	16.9

Remarks:

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

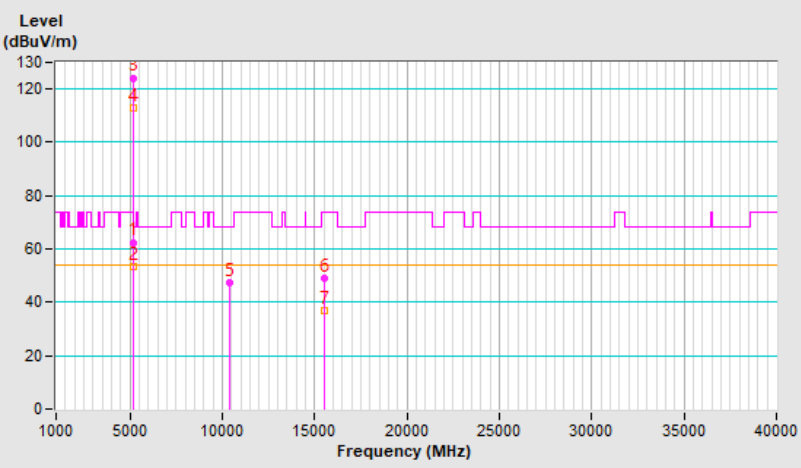


RF Mode	802.11be (EHT20)	Channel	CH 36：5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5148.40	62.5 PK	74.0	-11.5	1.94 V	14	56.5	6.0
2	5148.40	53.2 AV	54.0	-0.8	1.94 V	14	47.2	6.0
3	*5180.00	124.2 PK			1.94 V	14	118.3	5.9
4	*5180.00	113.0 AV			1.94 V	14	107.1	5.9
5	#10360.00	47.2 PK	68.2	-21.0	1.91 V	118	31.3	15.9
6	15540.00	49.1 PK	74.0	-24.9	3.48 V	237	32.2	16.9
7	15540.00	36.8 AV	54.0	-17.2	3.48 V	237	19.9	16.9

Remarks:

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

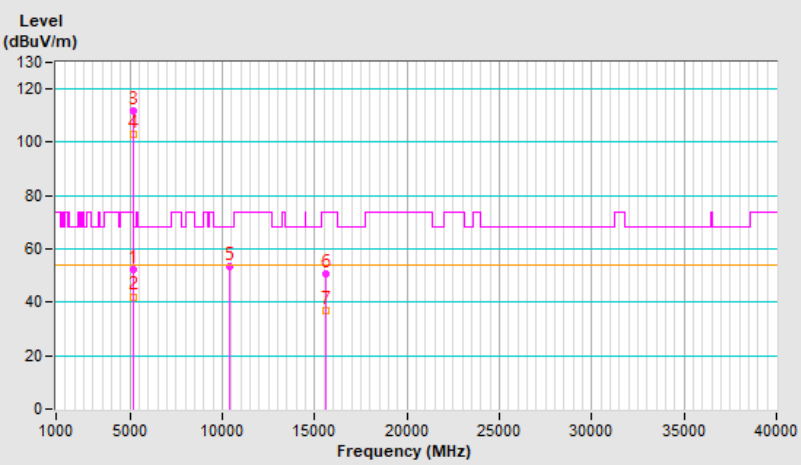


RF Mode	802.11be (EHT20)	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	52.2 PK	74.0	-21.8	1.30 H	83	46.2	6.0
2	5150.00	42.1 AV	54.0	-11.9	1.30 H	83	36.1	6.0
3	*5200.00	111.7 PK			1.30 H	83	106.0	5.7
4	*5200.00	102.8 AV			1.30 H	83	97.1	5.7
5	#10400.00	53.2 PK	68.2	-15.0	1.03 H	147	37.1	16.1
6	15600.00	50.5 PK	74.0	-23.5	2.59 H	318	33.6	16.9
7	15600.00	37.1 AV	54.0	-16.9	2.59 H	318	20.2	16.9

Remarks:

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

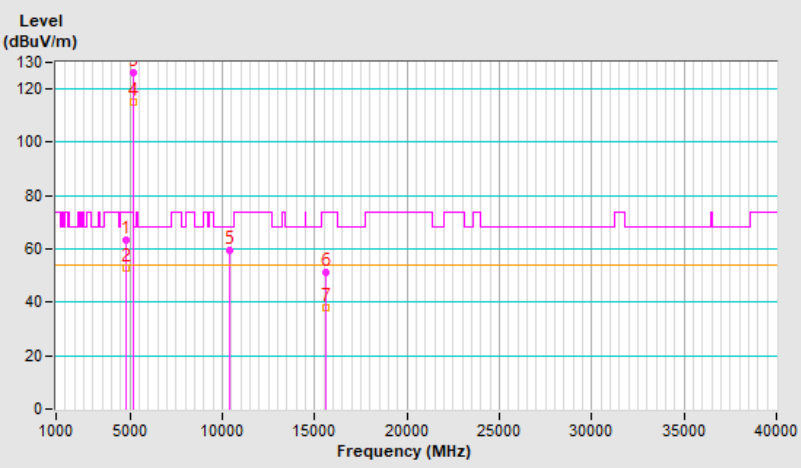


RF Mode	802.11be (EHT20)	Channel	CH 40：5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	4807.45	63.3 PK	74.0	-10.7	1.74 V	273	58.7	4.6
2	4807.45	52.8 AV	54.0	-1.2	1.74 V	273	48.2	4.6
3	*5200.00	125.9 PK			1.74 V	273	120.2	5.7
4	*5200.00	115.3 AV			1.74 V	273	109.6	5.7
5	#10400.00	59.7 PK	68.2	-8.5	1.96 V	13	43.6	16.1
6	15600.00	51.1 PK	74.0	-22.9	3.50 V	266	34.2	16.9
7	15600.00	38.2 AV	54.0	-15.8	3.50 V	266	21.3	16.9

Remarks:

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

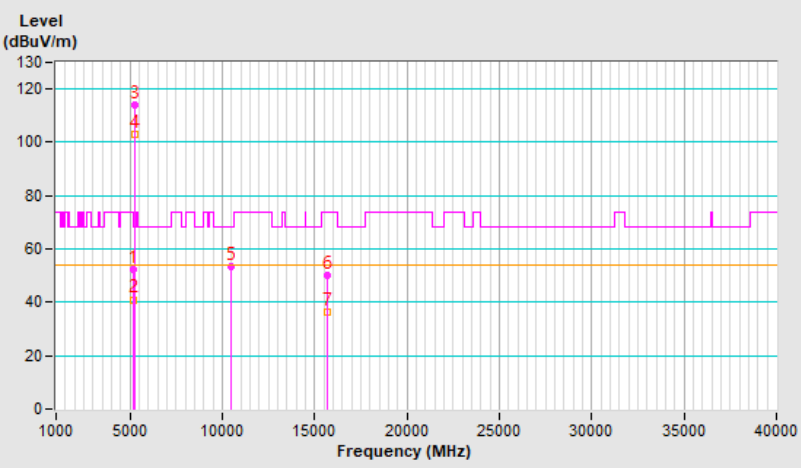


RF Mode	802.11be (EHT20)	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	52.1 PK	74.0	-21.9	1.50 H	4	46.1	6.0
2	5150.00	41.0 AV	54.0	-13.0	1.50 H	4	35.0	6.0
3	*5240.00	114.1 PK			1.50 H	4	108.5	5.6
4	*5240.00	102.8 AV			1.50 H	4	97.2	5.6
5	#10480.00	53.6 PK	68.2	-14.6	1.06 H	144	37.6	16.0
6	15720.00	50.3 PK	74.0	-23.7	2.67 H	334	33.1	17.2
7	15720.00	36.5 AV	54.0	-17.5	2.67 H	334	19.3	17.2

Remarks:

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

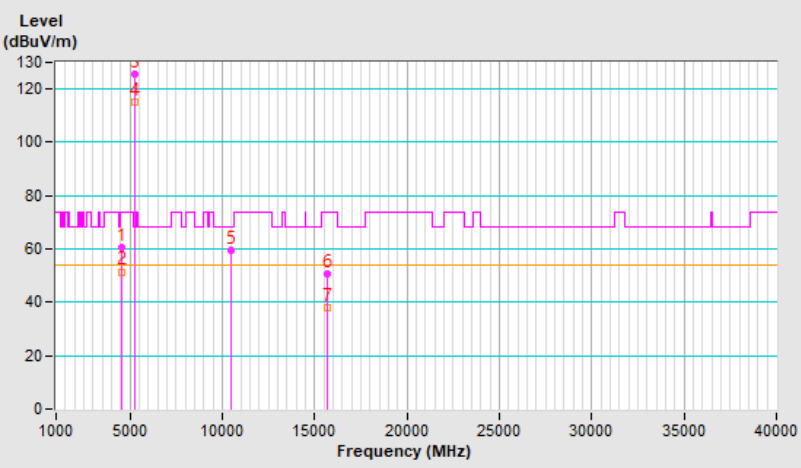


RF Mode	802.11be (EHT20)	Channel	CH 48：5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	4583.54	60.7 PK	74.0	-13.3	1.50 V	164	56.8	3.9
2	4583.54	51.5 AV	54.0	-2.5	1.50 V	164	47.6	3.9
3	*5240.00	125.8 PK			1.50 V	164	120.2	5.6
4	*5240.00	115.0 AV			1.50 V	164	109.4	5.6
5	#10480.00	59.4 PK	68.2	-8.8	1.96 V	6	43.4	16.0
6	15720.00	50.9 PK	74.0	-23.1	3.46 V	257	33.7	17.2
7	15720.00	37.8 AV	54.0	-16.2	3.46 V	257	20.6	17.2

Remarks:

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

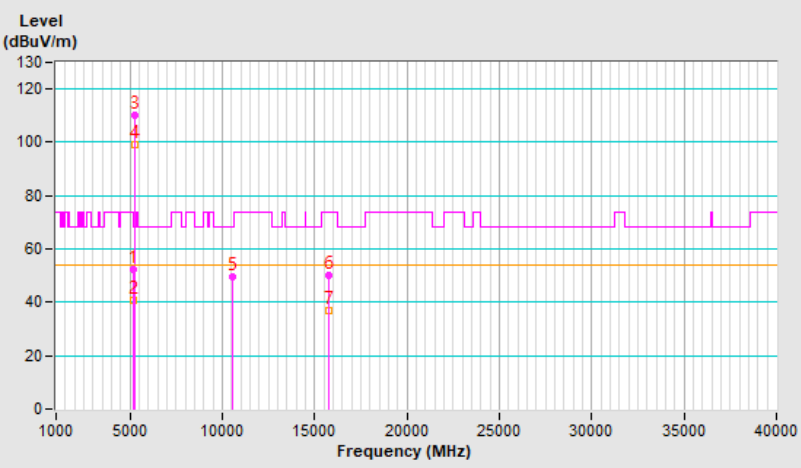


RF Mode	802.11be (EHT20)	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	52.2 PK	74.0	-21.8	1.50 H	6	46.2	6.0
2	5150.00	40.5 AV	54.0	-13.5	1.50 H	6	34.5	6.0
3	*5260.00	110.1 PK			1.50 H	6	104.6	5.5
4	*5260.00	99.0 AV			1.50 H	6	93.5	5.5
5	#10520.00	49.7 PK	68.2	-18.5	1.27 H	229	33.8	15.9
6	15780.00	50.0 PK	74.0	-24.0	2.59 H	325	32.9	17.1
7	15780.00	36.9 AV	54.0	-17.1	2.59 H	325	19.8	17.1

Remarks:

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

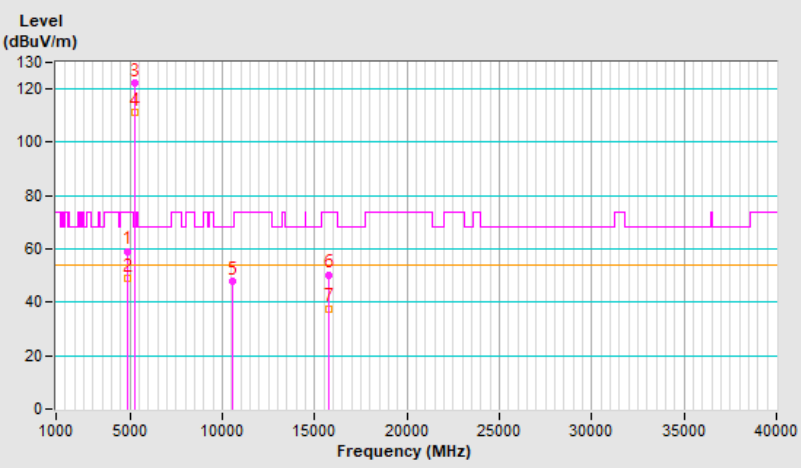


RF Mode	802.11be (EHT20)	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	4873.40	59.2 PK	74.0	-14.8	1.57 V	166	54.6	4.6
2	4873.40	49.0 AV	54.0	-5.0	1.57 V	166	44.4	4.6
3	*5260.00	122.5 PK			1.57 V	166	117.0	5.5
4	*5260.00	111.3 AV			1.57 V	166	105.8	5.5
5	#10520.00	47.8 PK	68.2	-20.4	2.01 V	129	31.9	15.9
6	15780.00	50.4 PK	74.0	-23.6	3.43 V	243	33.3	17.1
7	15780.00	37.7 AV	54.0	-16.3	3.43 V	243	20.6	17.1

Remarks:

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

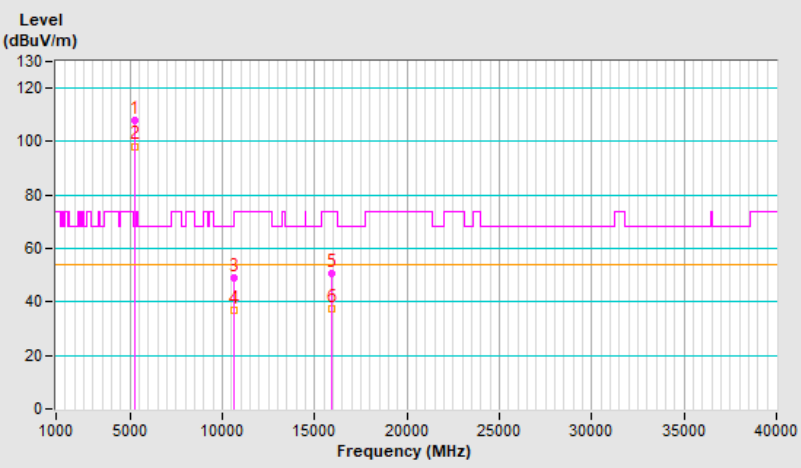


RF Mode	802.11be (EHT20)	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	107.8 PK			1.47 H	26	102.4	5.4
2	*5300.00	98.3 AV			1.47 H	26	92.9	5.4
3	10600.00	48.8 PK	74.0	-25.2	1.26 H	244	32.5	16.3
4	10600.00	36.8 AV	54.0	-17.2	1.26 H	244	20.5	16.3
5	15900.00	50.8 PK	74.0	-23.2	2.57 H	299	33.4	17.4
6	15900.00	37.2 AV	54.0	-16.8	2.57 H	299	19.8	17.4

Remarks:

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

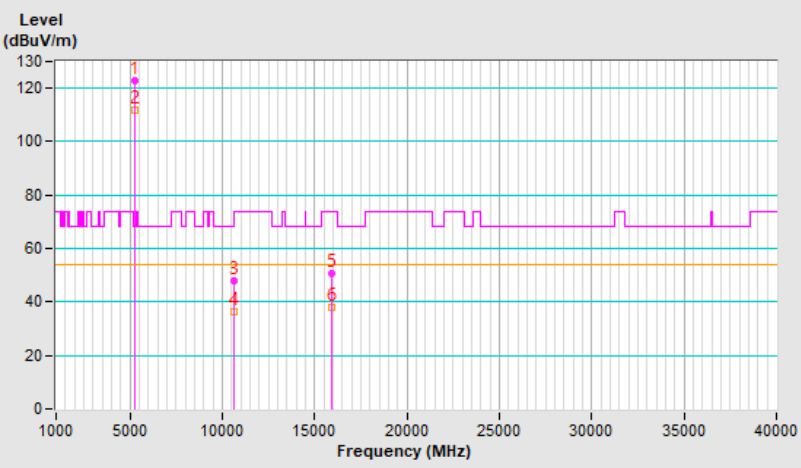


RF Mode	802.11be (EHT20)	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	122.7 PK			1.64 V	151	117.3	5.4
2	*5300.00	111.9 AV			1.64 V	151	106.5	5.4
3	10600.00	47.8 PK	74.0	-26.2	1.96 V	117	31.5	16.3
4	10600.00	36.1 AV	54.0	-17.9	1.96 V	117	19.8	16.3
5	15900.00	50.7 PK	74.0	-23.3	3.45 V	253	33.3	17.4
6	15900.00	37.9 AV	54.0	-16.1	3.45 V	253	20.5	17.4

Remarks:

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

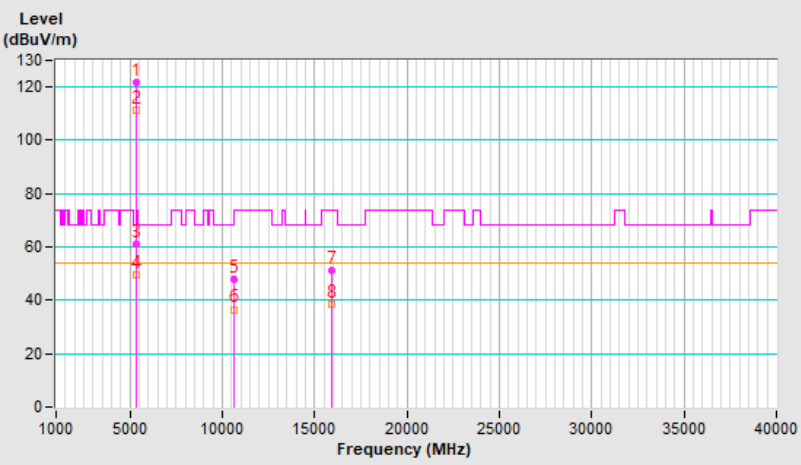


RF Mode	802.11be (EHT20)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	121.8 PK			1.50 H	152	116.2	5.6
2	*5320.00	111.1 AV			1.50 H	152	105.5	5.6
3	5352.80	61.2 PK	74.0	-12.8	1.50 H	152	55.3	5.9
4	5352.80	49.5 AV	54.0	-4.5	1.50 H	152	43.6	5.9
5	10640.00	48.0 PK	74.0	-26.0	1.99 H	129	31.6	16.4
6	10640.00	36.6 AV	54.0	-17.4	1.99 H	129	20.2	16.4
7	15960.00	51.3 PK	74.0	-22.7	3.38 H	251	34.1	17.2
8	15960.00	38.3 AV	54.0	-15.7	3.38 H	251	21.1	17.2

Remarks:

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

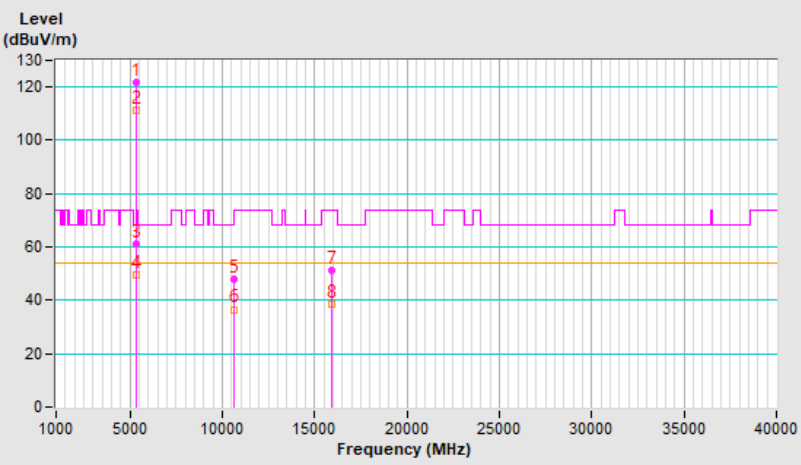


RF Mode	802.11be (EHT20)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	121.8 PK			1.50 V	152	116.2	5.6
2	*5320.00	111.1 AV			1.50 V	152	105.5	5.6
3	5352.80	61.2 PK	74.0	-12.8	1.50 V	152	55.3	5.9
4	5352.80	49.5 AV	54.0	-4.5	1.50 V	152	43.6	5.9
5	10640.00	48.0 PK	74.0	-26.0	1.99 V	129	31.6	16.4
6	10640.00	36.6 AV	54.0	-17.4	1.99 V	129	20.2	16.4
7	15960.00	51.3 PK	74.0	-22.7	3.38 V	251	34.1	17.2
8	15960.00	38.3 AV	54.0	-15.7	3.38 V	251	21.1	17.2

Remarks:

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

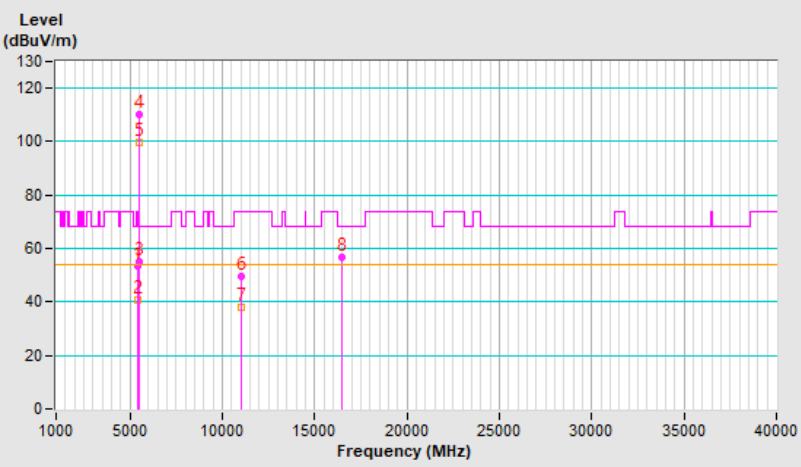


RF Mode	802.11be (EHT20)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	53.6 PK	74.0	-20.4	1.50 H	327	47.6	6.0
2	5460.00	40.7 AV	54.0	-13.3	1.50 H	327	34.7	6.0
3	#5470.00	55.3 PK	68.2	-12.9	1.50 H	327	49.3	6.0
4	*5500.00	110.4 PK			1.50 H	327	104.4	6.0
5	*5500.00	99.5 AV			1.50 H	327	93.5	6.0
6	11000.00	49.8 PK	74.0	-24.2	1.31 H	246	32.9	16.9
7	11000.00	38.0 AV	54.0	-16.0	1.31 H	246	21.1	16.9
8	#16500.00	56.5 PK	68.2	-11.7	2.49 H	300	36.9	19.6

Remarks:

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

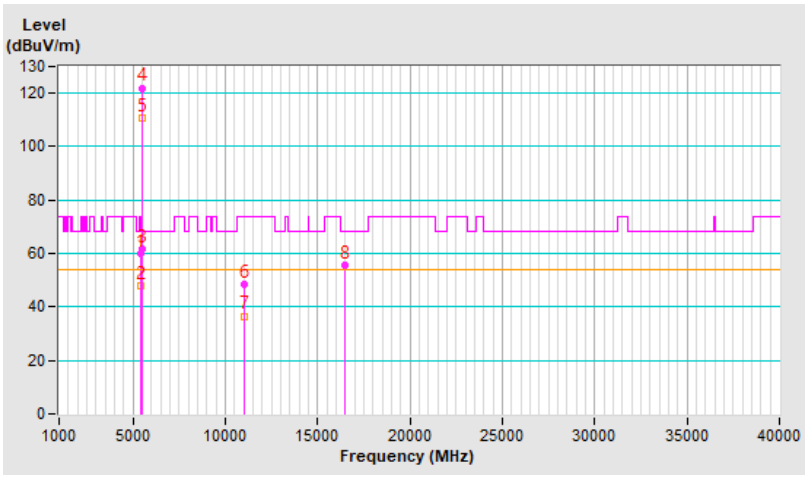


RF Mode	802.11be (EHT20)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	60.1 PK	74.0	-13.9	1.41 V	155	54.1	6.0
2	5460.00	47.7 AV	54.0	-6.3	1.41 V	155	41.7	6.0
3	#5470.00	61.9 PK	68.2	-6.3	1.41 V	155	55.9	6.0
4	*5500.00	122.0 PK			1.41 V	155	116.0	6.0
5	*5500.00	110.6 AV			1.41 V	155	104.6	6.0
6	11000.00	48.4 PK	74.0	-25.6	2.07 V	116	31.5	16.9
7	11000.00	36.6 AV	54.0	-17.4	2.07 V	116	19.7	16.9
8	#16500.00	55.8 PK	68.2	-12.4	3.45 V	217	36.2	19.6

Remarks:

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

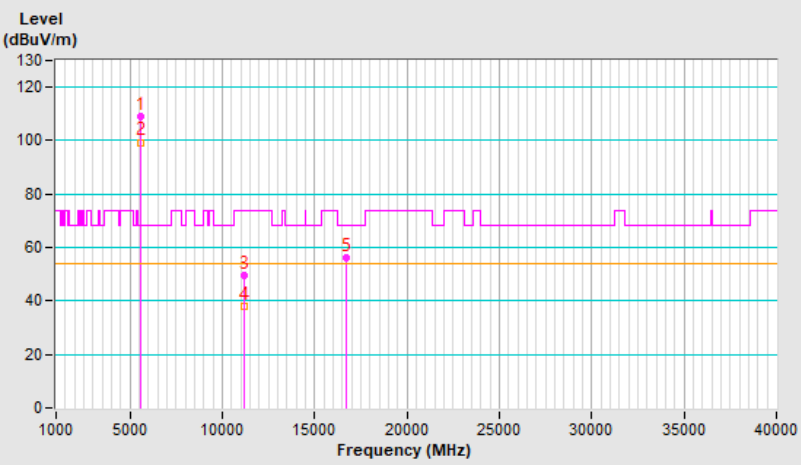


RF Mode	802.11be (EHT20)	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	109.2 PK			1.47 H	326	103.3	5.9
2	*5580.00	99.4 AV			1.47 H	326	93.5	5.9
3	11160.00	49.8 PK	74.0	-24.2	1.31 H	235	33.2	16.6
4	11160.00	38.1 AV	54.0	-15.9	1.31 H	235	21.5	16.6
5	#16740.00	56.1 PK	68.2	-12.1	2.53 H	293	34.8	21.3

Remarks:

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

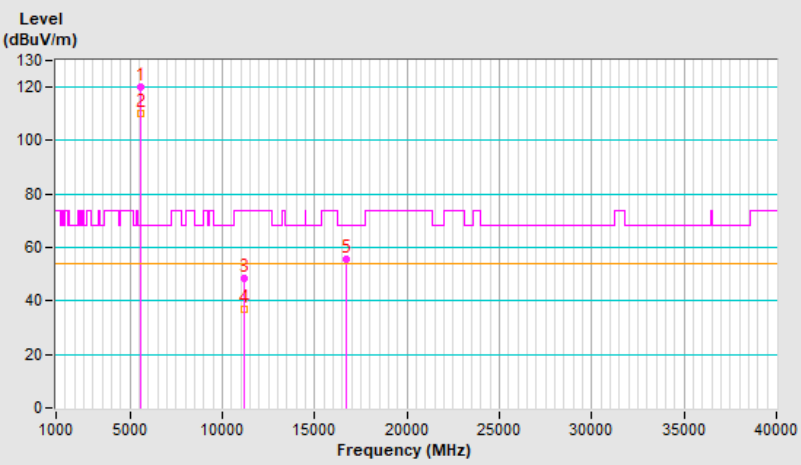


RF Mode	802.11be (EHT20)	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	120.0 PK			1.41 V	165	114.1	5.9
2	*5580.00	109.9 AV			1.41 V	165	104.0	5.9
3	11160.00	48.6 PK	74.0	-25.4	2.05 V	137	32.0	16.6
4	11160.00	36.7 AV	54.0	-17.3	2.05 V	137	20.1	16.6
5	#16740.00	55.7 PK	68.2	-12.5	3.39 V	230	34.4	21.3

Remarks:

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

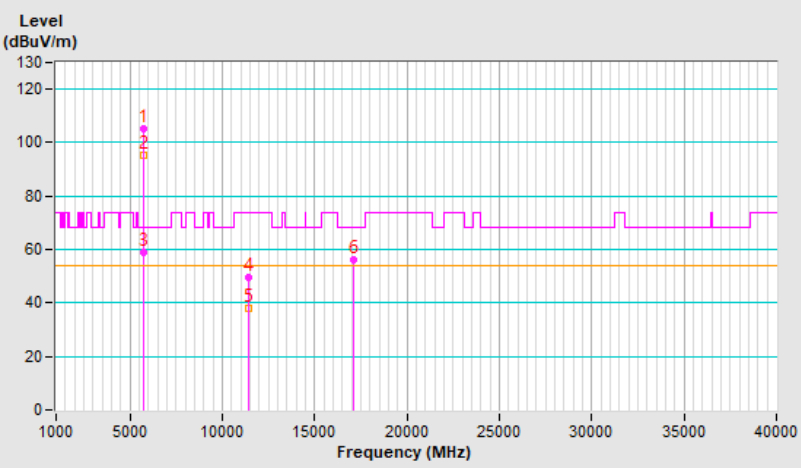


RF Mode	802.11be (EHT20)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	105.4 PK			1.47 H	325	99.3	6.1
2	*5700.00	95.3 AV			1.47 H	325	89.2	6.1
3	#5725.00	58.9 PK	68.2	-9.3	1.47 H	325	52.7	6.2
4	11400.00	49.8 PK	74.0	-24.2	1.37 H	237	32.9	16.9
5	11400.00	38.1 AV	54.0	-15.9	1.37 H	237	21.2	16.9
6	#17100.00	56.3 PK	68.2	-11.9	2.50 H	311	36.1	20.2

Remarks:

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

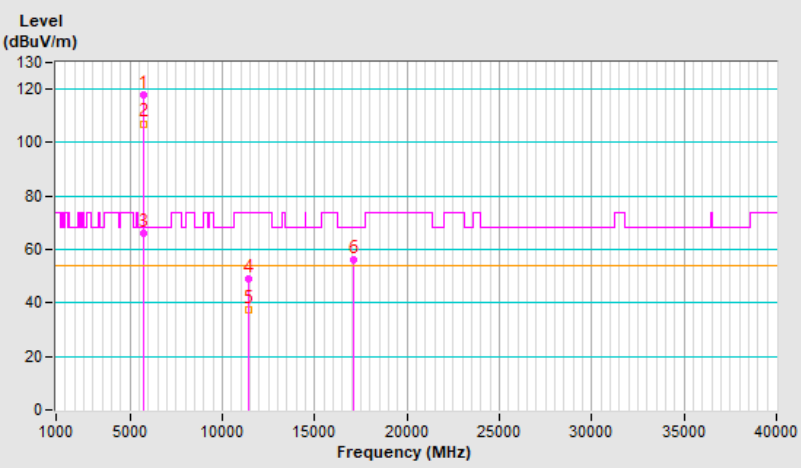


RF Mode	802.11be (EHT20)	**Channel**	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 71 % RH
Tested By	Sampson Chen		

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	117.9 PK			1.59 V	314	111.8	6.1
2	*5700.00	107.1 AV			1.59 V	314	101.0	6.1
3	#5725.00	66.3 PK	68.2	-1.9	1.59 V	314	60.1	6.2
4	11400.00	49.1 PK	74.0	-24.9	2.06 V	114	32.2	16.9
5	11400.00	37.4 AV	54.0	-16.6	2.06 V	114	20.5	16.9
6	#17100.00	56.2 PK	68.2	-12.0	3.41 V	223	36.0	20.2

Remarks:

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

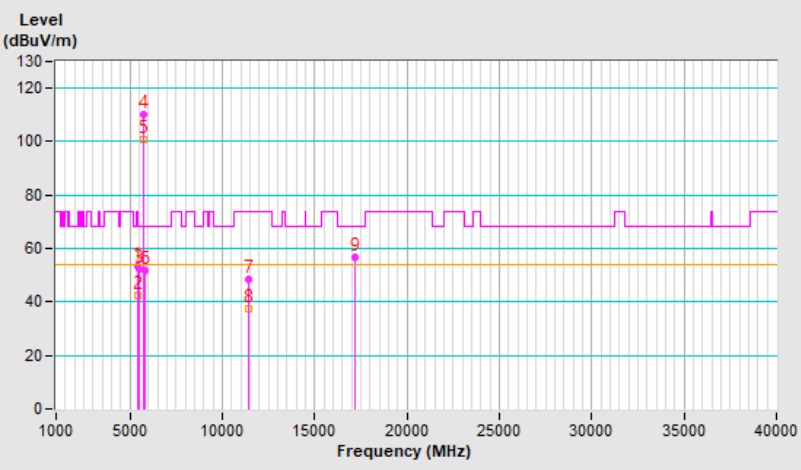


RF Mode	802.11be (EHT20)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	53.6 PK	74.0	-20.4	1.40 H	334	47.6	6.0
2	5460.00	42.5 AV	54.0	-11.5	1.40 H	334	36.5	6.0
3	#5470.00	52.3 PK	68.2	-15.9	1.40 H	334	46.3	6.0
4	*5720.00	110.2 PK			1.40 H	334	104.0	6.2
5	*5720.00	100.7 AV			1.40 H	334	94.5	6.2
6	#5850.00	51.9 PK	68.2	-16.3	1.40 H	334	45.3	6.6
7	11440.00	48.6 PK	74.0	-25.4	1.37 H	227	31.7	16.9
8	11440.00	37.2 AV	54.0	-16.8	1.37 H	227	20.3	16.9
9	#17160.00	56.5 PK	68.2	-11.7	2.55 H	300	36.5	20.0

Remarks:

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

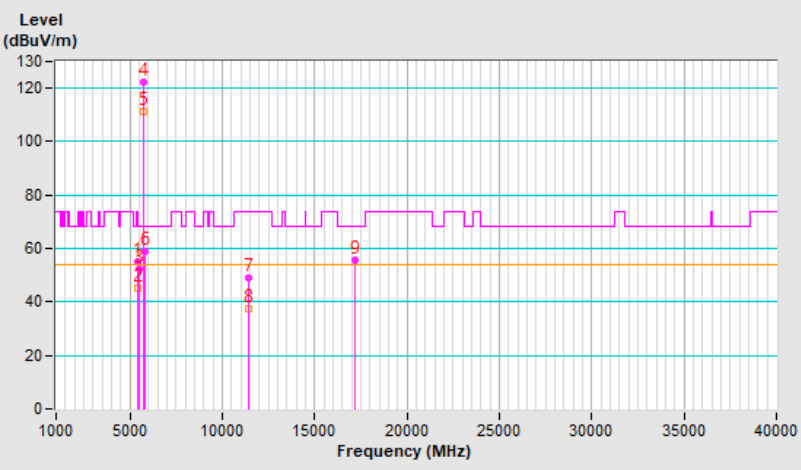


RF Mode	802.11be (EHT20)	**Channel**	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 71 % RH
Tested By	Sampson Chen		

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	55.1 PK	74.0	-18.9	1.60 V	316	49.1	6.0
2	5460.00	45.0 AV	54.0	-9.0	1.60 V	316	39.0	6.0
3	#5470.00	52.3 PK	68.2	-15.9	1.60 V	316	46.3	6.0
4	*5720.00	122.1 PK			1.60 V	316	115.9	6.2
5	*5720.00	111.1 AV			1.60 V	316	104.9	6.2
6	#5850.00	58.7 PK	68.2	-9.5	1.60 V	316	52.1	6.6
7	11440.00	48.8 PK	74.0	-25.2	2.07 V	114	31.9	16.9
8	11440.00	37.3 AV	54.0	-16.7	2.07 V	114	20.4	16.9
9	#17160.00	55.7 PK	68.2	-12.5	3.46 V	229	35.7	20.0

Remarks:

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

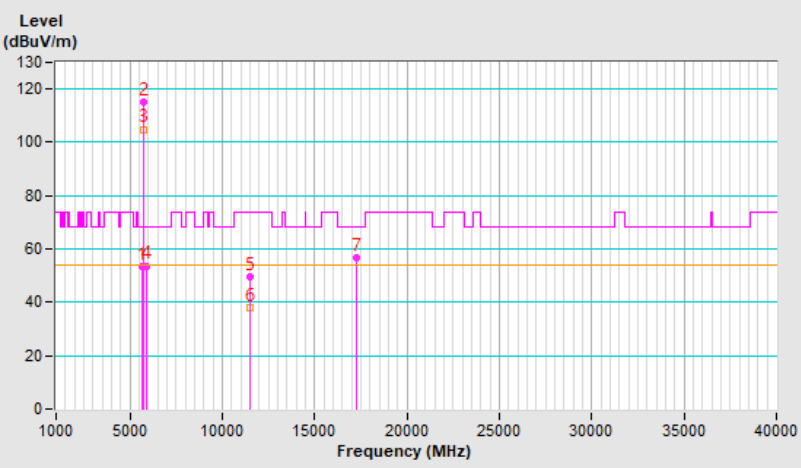


RF Mode	802.11be (EHT20)	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5623.41	53.3 PK	68.2	-14.9	1.48 H	332	47.4	5.9
2	*5745.00	115.2 PK			1.48 H	332	108.8	6.4
3	*5745.00	104.9 AV			1.48 H	332	98.5	6.4
4	#5931.96	53.7 PK	68.2	-14.5	1.48 H	332	47.3	6.4
5	11490.00	49.6 PK	74.0	-24.4	1.29 H	360	32.7	16.9
6	11490.00	37.8 AV	54.0	-16.2	1.29 H	360	20.9	16.9
7	#17235.00	56.9 PK	68.2	-11.3	1.56 H	310	36.8	20.1

Remarks:

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

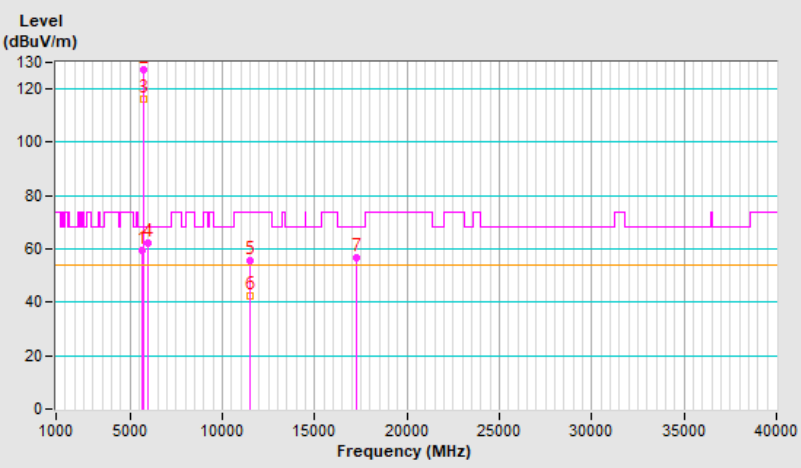


RF Mode	802.11be (EHT20)	Channel	CH 149：5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5641.20	59.6 PK	68.2	-8.6	1.69 V	313	53.6	6.0
2	*5745.00	127.1 PK			1.69 V	313	120.7	6.4
3	*5745.00	116.3 AV			1.69 V	313	109.9	6.4
4	#5941.32	62.4 PK	68.2	-5.8	1.69 V	313	56.0	6.4
5	11490.00	55.4 PK	74.0	-18.6	1.00 V	312	38.5	16.9
6	11490.00	42.6 AV	54.0	-11.4	1.00 V	312	25.7	16.9
7	#17235.00	56.7 PK	68.2	-11.5	1.59 V	272	36.6	20.1

Remarks:

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

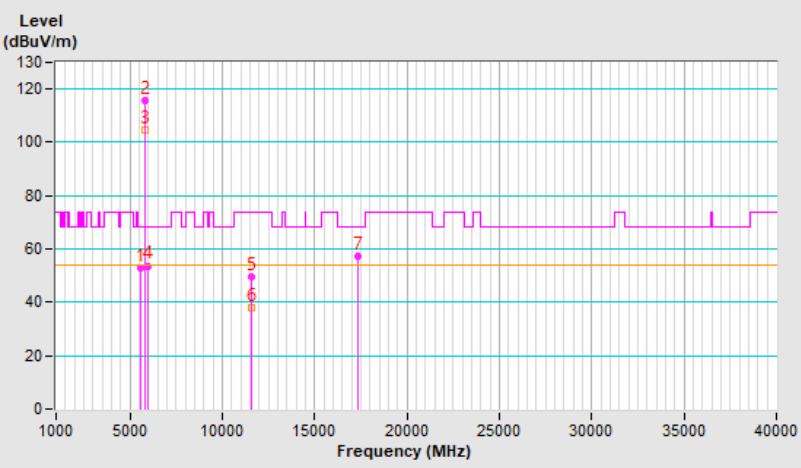


RF Mode	802.11be (EHT20)	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5585.47	53.1 PK	68.2	-15.1	1.51 H	313	47.2	5.9
2	*5785.00	115.6 PK			1.51 H	313	109.1	6.5
3	*5785.00	104.6 AV			1.51 H	313	98.1	6.5
4	#5964.89	53.7 PK	68.2	-14.5	1.51 H	313	47.2	6.5
5	11570.00	49.7 PK	74.0	-24.3	1.29 H	360	32.7	17.0
6	11570.00	38.0 AV	54.0	-16.0	1.29 H	360	21.0	17.0
7	#17355.00	57.4 PK	68.2	-10.8	1.61 H	316	36.3	21.1

Remarks:

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

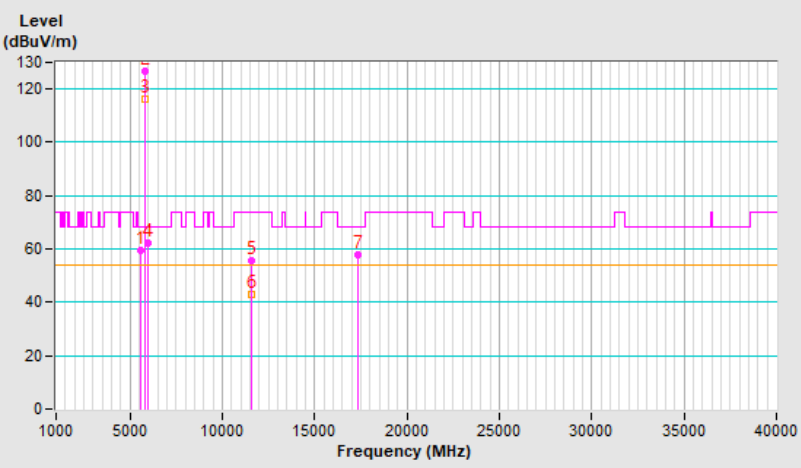


RF Mode	802.11be (EHT20)	Channel	CH 157：5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5592.27	59.6 PK	68.2	-8.6	1.67 V	314	53.7	5.9
2	*5785.00	126.8 PK			1.67 V	314	120.3	6.5
3	*5785.00	116.2 AV			1.67 V	314	109.7	6.5
4	#5975.78	62.2 PK	68.2	-6.0	1.67 V	314	55.7	6.5
5	11570.00	55.6 PK	74.0	-18.4	1.06 V	338	38.6	17.0
6	11570.00	43.0 AV	54.0	-11.0	1.06 V	338	26.0	17.0
7	#17355.00	57.8 PK	68.2	-10.4	1.64 V	249	36.7	21.1

Remarks:

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

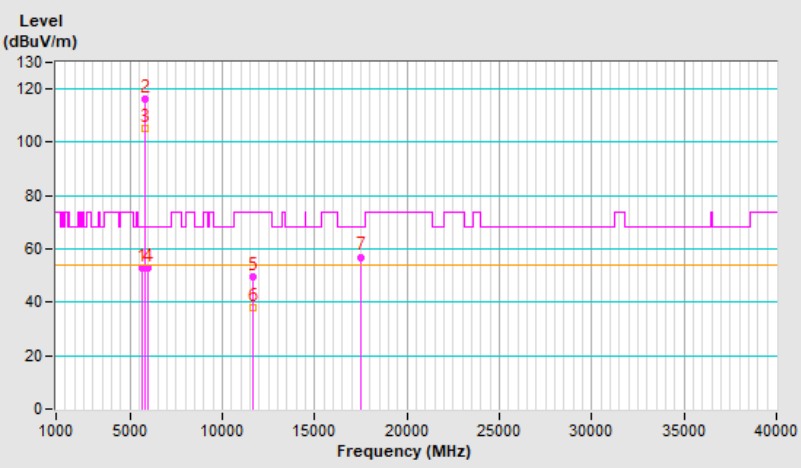


RF Mode	802.11be (EHT20)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5644.57	53.1 PK	68.2	-15.1	1.39 H	335	47.1	6.0
2	*5825.00	116.2 PK			1.39 H	335	109.6	6.6
3	*5825.00	105.2 AV			1.39 H	335	98.6	6.6
4	#5934.90	52.7 PK	68.2	-15.5	1.39 H	335	46.3	6.4
5	11650.00	49.8 PK	74.0	-24.2	1.26 H	360	32.9	16.9
6	11650.00	38.1 AV	54.0	-15.9	1.26 H	360	21.2	16.9
7	#17475.00	57.0 PK	68.2	-11.2	1.58 H	309	34.6	22.4

Remarks:

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

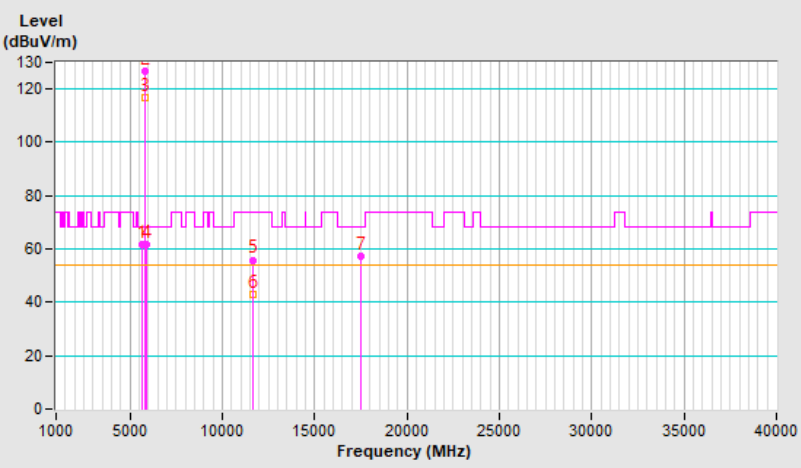


RF Mode	802.11be (EHT20)	Channel	CH 165：5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5626.63	61.7 PK	68.2	-6.5	1.69 V	331	55.8	5.9
2	*5825.00	126.9 PK			1.69 V	331	120.3	6.6
3	*5825.00	117.0 AV			1.69 V	331	110.4	6.6
4	#5927.86	61.9 PK	68.2	-6.3	1.69 V	331	55.5	6.4
5	11650.00	55.9 PK	74.0	-18.1	1.01 V	320	39.0	16.9
6	11650.00	43.1 AV	54.0	-10.9	1.01 V	320	26.2	16.9
7	#17475.00	57.4 PK	68.2	-10.8	1.56 V	256	35.0	22.4

Remarks:

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

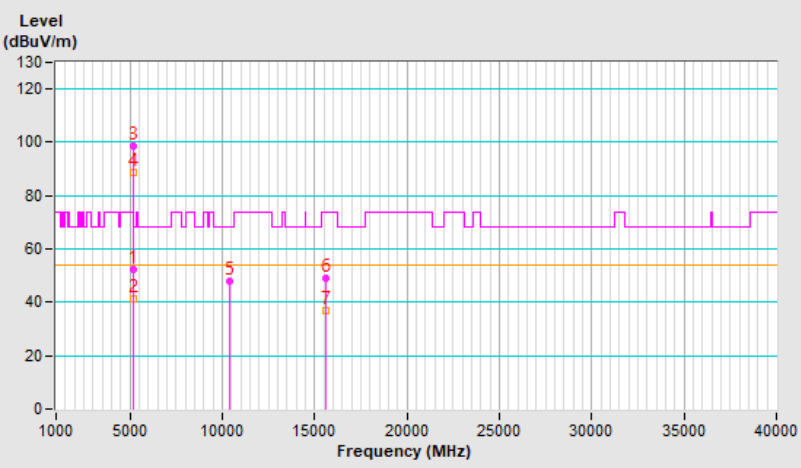


RF Mode	802.11be (EHT40)	Channel	CH 38：5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 73 % RH
Tested By	Sampson Chen		

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	52.3 PK	74.0	-21.7	1.34 H	49	46.3	6.0
2	5150.00	41.2 AV	54.0	-12.8	1.34 H	49	35.2	6.0
3	*5190.00	98.4 PK			1.34 H	49	92.6	5.8
4	*5190.00	88.5 AV			1.34 H	49	82.7	5.8
5	#10380.00	48.1 PK	68.2	-20.1	1.08 H	134	32.1	16.0
6	15570.00	49.0 PK	74.0	-25.0	2.66 H	336	32.1	16.9
7	15570.00	36.8 AV	54.0	-17.2	2.66 H	336	19.9	16.9

Remarks:

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

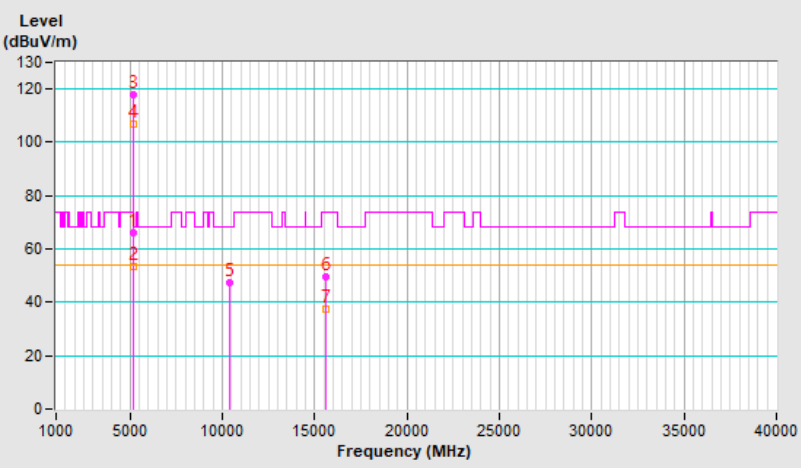


RF Mode	802.11be (EHT40)	Channel	CH 38：5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 73 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.1 PK	74.0	-7.9	1.50 V	158	60.1	6.0
2	5150.00	53.5 AV	54.0	-0.5	1.50 V	158	47.5	6.0
3	*5190.00	118.0 PK			1.50 V	158	112.2	5.8
4	*5190.00	107.0 AV			1.50 V	158	101.2	5.8
5	#10380.00	47.5 PK	68.2	-20.7	2.01 V	111	31.5	16.0
6	15570.00	49.7 PK	74.0	-24.3	3.37 V	240	32.8	16.9
7	15570.00	37.6 AV	54.0	-16.4	3.37 V	240	20.7	16.9

Remarks:

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

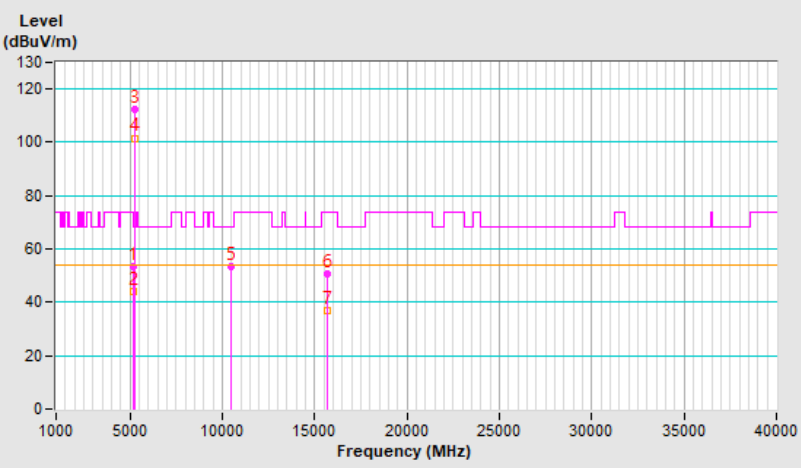


RF Mode	802.11be (EHT40)	**Channel**	CH 46：5230 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 71 % RH
Tested By	Sampson Chen		

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	53.3 PK	74.0	-20.7	2.50 H	257	47.3	6.0
2	5150.00	44.3 AV	54.0	-9.7	2.50 H	257	38.3	6.0
3	*5230.00	112.5 PK			2.50 H	257	106.9	5.6
4	*5230.00	101.6 AV			2.50 H	257	96.0	5.6
5	#10460.00	53.6 PK	68.2	-14.6	1.10 H	130	37.6	16.0
6	15690.00	50.6 PK	74.0	-23.4	2.65 H	313	33.4	17.2
7	15690.00	36.8 AV	54.0	-17.2	2.65 H	313	19.6	17.2

Remarks:

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

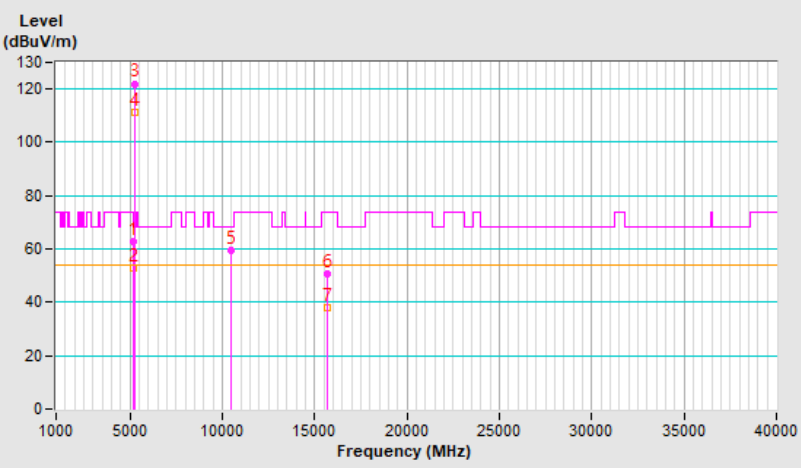


RF Mode	802.11be (EHT40)	Channel	CH 46：5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5146.92	62.6 PK	74.0	-11.4	1.52 V	162	56.6	6.0
2	5146.92	52.8 AV	54.0	-1.2	1.52 V	162	46.8	6.0
3	*5230.00	122.0 PK			1.52 V	162	116.4	5.6
4	*5230.00	111.2 AV			1.52 V	162	105.6	5.6
5	#10460.00	59.3 PK	68.2	-8.9	2.04 V	0	43.3	16.0
6	15690.00	50.6 PK	74.0	-23.4	3.46 V	245	33.4	17.2
7	15690.00	37.9 AV	54.0	-16.1	3.46 V	245	20.7	17.2

Remarks:

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

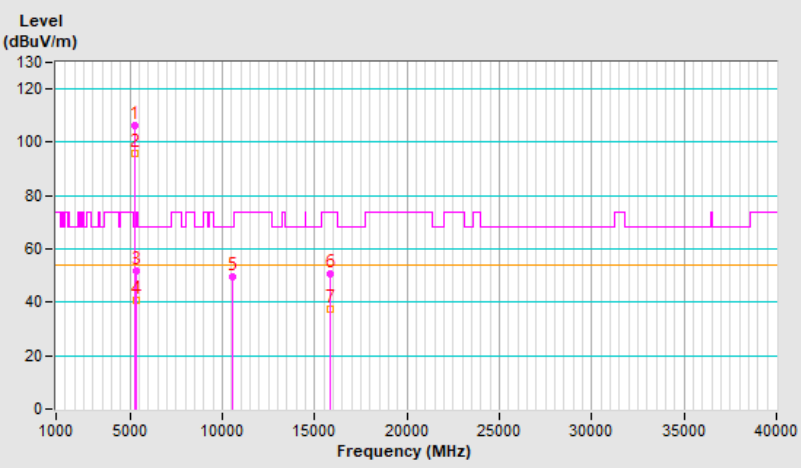


RF Mode	802.11be (EHT40)	Channel	CH 54：5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	*5270.00	106.3 PK			1.50 H	164	100.8	5.5
2	*5270.00	95.8 AV			1.50 H	164	90.3	5.5
3	5350.00	51.9 PK	74.0	-22.1	1.50 H	164	46.0	5.9
4	5350.00	40.6 AV	54.0	-13.4	1.50 H	164	34.7	5.9
5	#10540.00	49.4 PK	68.2	-18.8	1.37 H	222	33.3	16.1
6	15810.00	50.7 PK	74.0	-23.3	2.57 H	302	33.6	17.1
7	15810.00	37.4 AV	54.0	-16.6	2.57 H	302	20.3	17.1

Remarks:

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

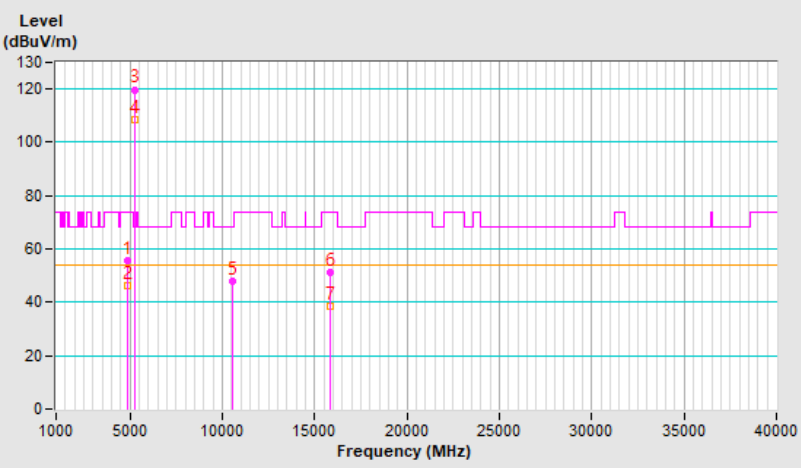


RF Mode	802.11be (EHT40)	Channel	CH 54：5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	4868.06	55.8 PK	74.0	-18.2	1.61 V	157	51.2	4.6
2	4868.06	46.1 AV	54.0	-7.9	1.61 V	157	41.5	4.6
3	*5270.00	119.8 PK			1.61 V	157	114.3	5.5
4	*5270.00	108.3 AV			1.61 V	157	102.8	5.5
5	#10540.00	47.9 PK	68.2	-20.3	1.97 V	114	31.8	16.1
6	15810.00	51.1 PK	74.0	-22.9	3.40 V	244	34.0	17.1
7	15810.00	38.4 AV	54.0	-15.6	3.40 V	244	21.3	17.1

Remarks:

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

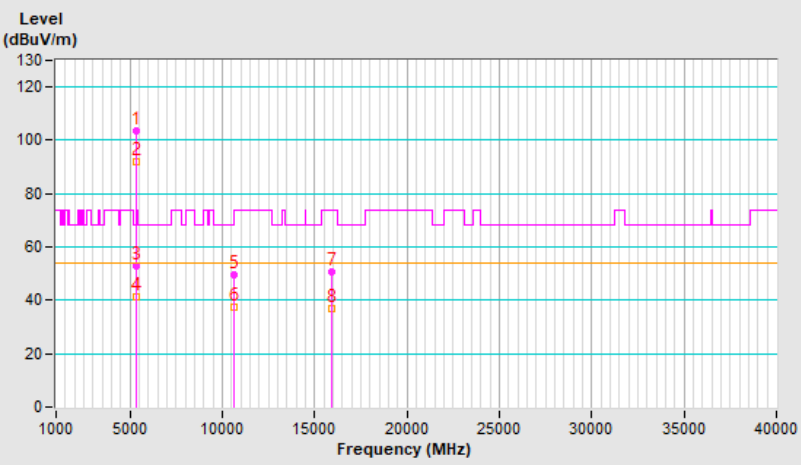


RF Mode	802.11be (EHT40)	Channel	CH 62：5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	103.6 PK			1.14 H	258	98.1	5.5
2	*5310.00	91.9 AV			1.14 H	258	86.4	5.5
3	5350.00	52.8 PK	74.0	-21.2	1.14 H	258	46.9	5.9
4	5350.00	41.1 AV	54.0	-12.9	1.14 H	258	35.2	5.9
5	10620.00	49.4 PK	74.0	-24.6	1.29 H	229	33.0	16.4
6	10620.00	37.4 AV	54.0	-16.6	1.29 H	229	21.0	16.4
7	15930.00	50.5 PK	74.0	-23.5	2.59 H	325	33.2	17.3
8	15930.00	36.9 AV	54.0	-17.1	2.59 H	325	19.6	17.3

Remarks:

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

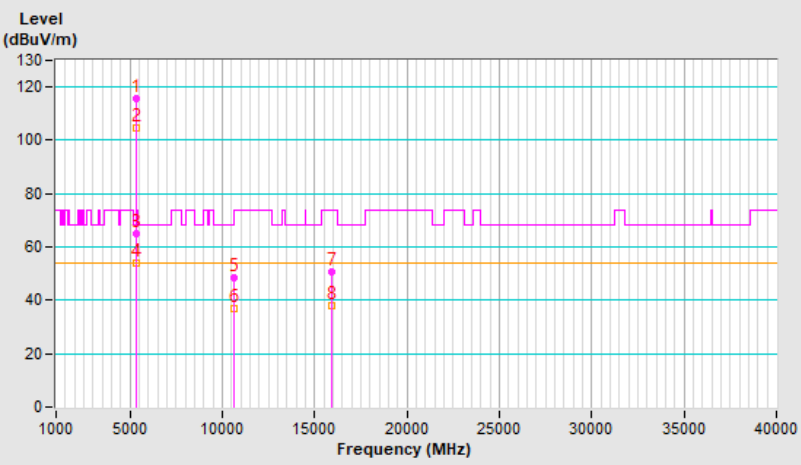


RF Mode	802.11be (EHT40)	Channel	CH 62：5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	115.6 PK			1.58 V	152	110.1	5.5
2	*5310.00	104.4 AV			1.58 V	152	98.9	5.5
3	5350.00	65.2 PK	74.0	-8.8	1.58 V	152	59.3	5.9
4	**5350.00**	**53.9 AV**	**54.0**	**-0.1**	**1.58 V**	**152**	**48.0**	**5.9**
5	10620.00	48.3 PK	74.0	-25.7	2.00 V	116	31.9	16.4
6	10620.00	36.8 AV	54.0	-17.2	2.00 V	116	20.4	16.4
7	15930.00	50.7 PK	74.0	-23.3	3.38 V	223	33.4	17.3
8	15930.00	37.8 AV	54.0	-16.2	3.38 V	223	20.5	17.3

Remarks:

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

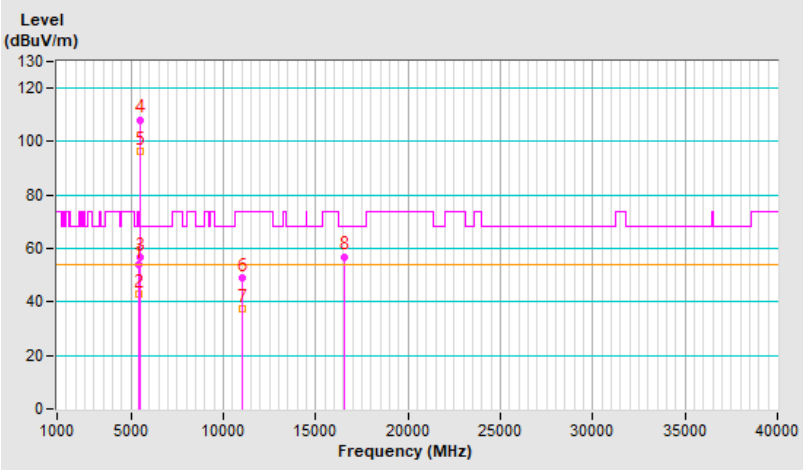


RF Mode	802.11be (EHT40)	Channel	CH 102：5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5454.56	54.0 PK	74.0	-20.0	1.67 H	327	48.0	6.0
2	5454.56	42.7 AV	54.0	-11.3	1.67 H	327	36.7	6.0
3	#5470.00	56.9 PK	68.2	-11.3	1.67 H	327	50.9	6.0
4	*5510.00	108.2 PK			1.67 H	327	102.2	6.0
5	*5510.00	96.6 AV			1.67 H	327	90.6	6.0
6	11020.00	49.2 PK	74.0	-24.8	1.36 H	223	32.2	17.0
7	11020.00	37.5 AV	54.0	-16.5	1.36 H	223	20.5	17.0
8	#16530.00	57.0 PK	68.2	-11.2	2.46 H	298	37.1	19.9

Remarks:

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

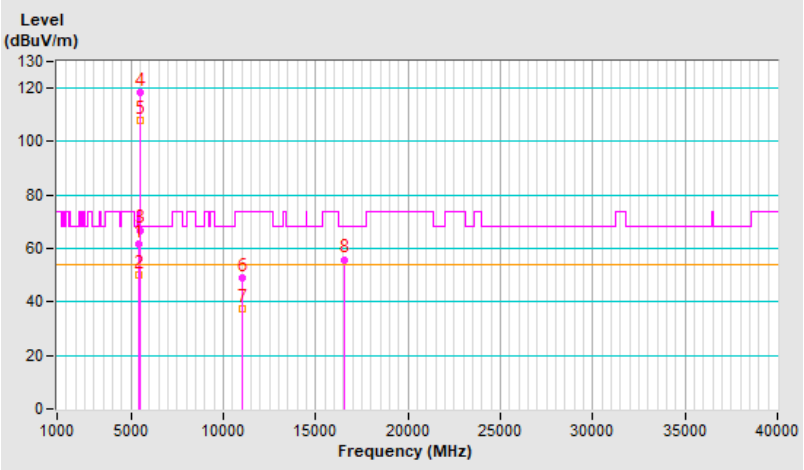


RF Mode	802.11be (EHT40)	Channel	CH 102：5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5458.00	61.9 PK	74.0	-12.1	1.50 V	160	55.9	6.0
2	5458.00	49.9 AV	54.0	-4.1	1.50 V	160	43.9	6.0
3	#5465.80	66.9 PK	68.2	-1.3	1.50 V	160	60.9	6.0
4	*5510.00	118.4 PK			1.50 V	160	112.4	6.0
5	*5510.00	107.7 AV			1.50 V	160	101.7	6.0
6	11020.00	49.0 PK	74.0	-25.0	2.03 V	119	32.0	17.0
7	11020.00	37.2 AV	54.0	-16.8	2.03 V	119	20.2	17.0
8	#16530.00	55.9 PK	68.2	-12.3	3.46 V	218	36.0	19.9

Remarks:

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

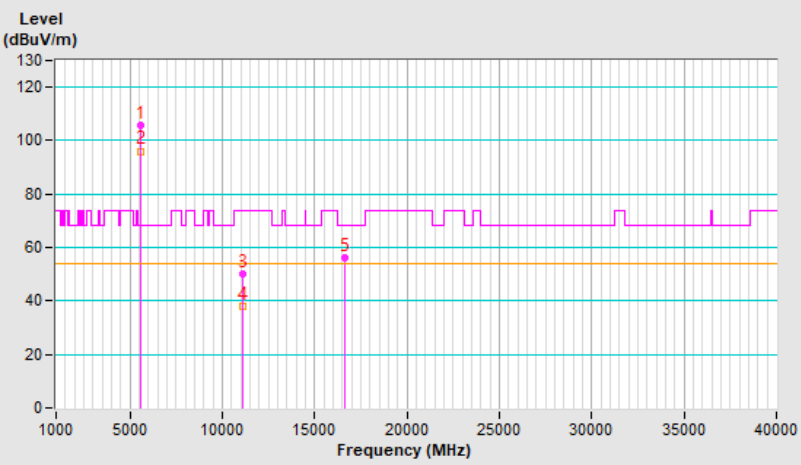


RF Mode	802.11be (EHT40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	105.7 PK			1.66 H	326	99.8	5.9
2	*5550.00	96.1 AV			1.66 H	326	90.2	5.9
3	11100.00	50.0 PK	74.0	-24.0	1.36 H	227	33.0	17.0
4	11100.00	38.2 AV	54.0	-15.8	1.36 H	227	21.2	17.0
5	#16650.00	56.3 PK	68.2	-11.9	2.55 H	305	35.3	21.0

Remarks:

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

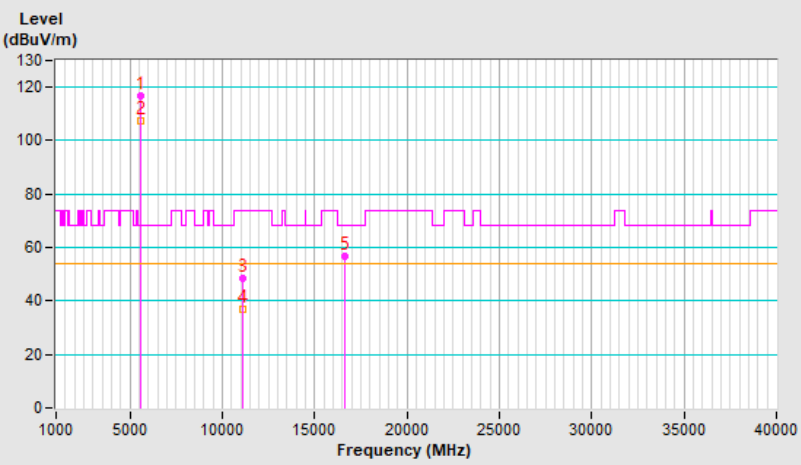


RF Mode	802.11be (EHT40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	116.6 PK			1.46 V	160	110.7	5.9
2	*5550.00	107.3 AV			1.46 V	160	101.4	5.9
3	11100.00	48.4 PK	74.0	-25.6	1.99 V	135	31.4	17.0
4	11100.00	36.8 AV	54.0	-17.2	1.99 V	135	19.8	17.0
5	#16650.00	56.8 PK	68.2	-11.4	3.49 V	239	35.8	21.0

Remarks:

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

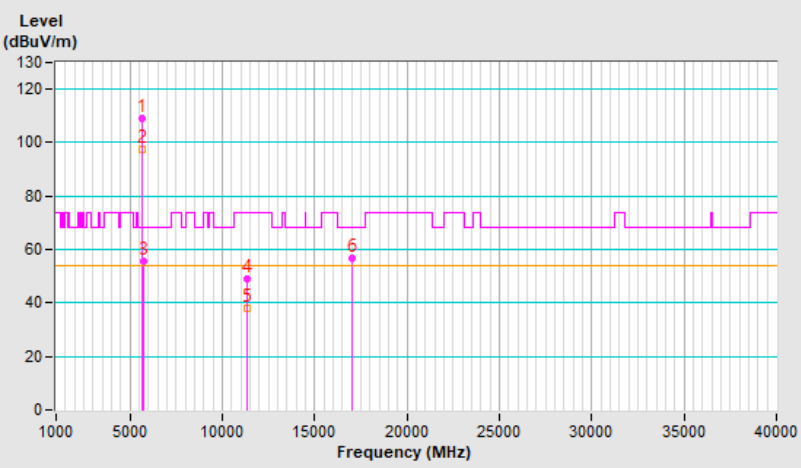


RF Mode	802.11be (EHT40)	**Channel**	CH 134：5670 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 71 % RH
Tested By	Sampson Chen		

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	109.0 PK			1.58 H	340	103.0	6.0
2	*5670.00	97.3 AV			1.58 H	340	91.3	6.0
3	#5725.00	55.4 PK	68.2	-12.8	1.58 H	340	49.2	6.2
4	11340.00	49.1 PK	74.0	-24.9	1.33 H	218	32.1	17.0
5	11340.00	37.8 AV	54.0	-16.2	1.33 H	218	20.8	17.0
6	#17010.00	56.6 PK	68.2	-11.6	2.49 H	305	35.8	20.8

Remarks:

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

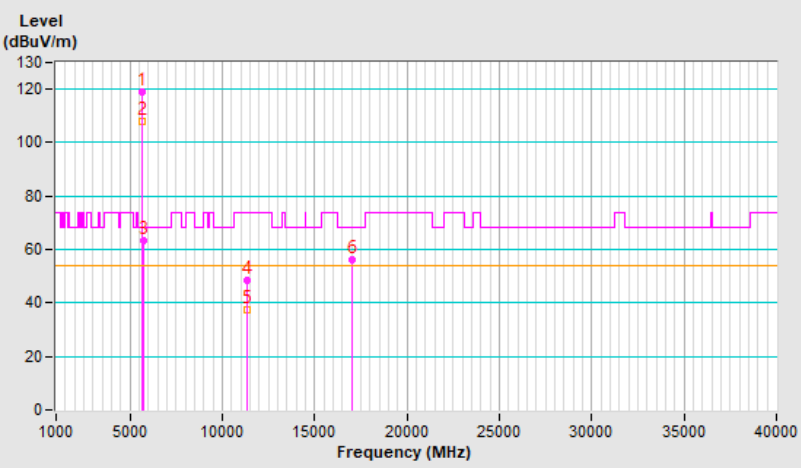


RF Mode	802.11be (EHT40)	Channel	CH 134：5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	118.8 PK			1.50 V	158	112.8	6.0
2	*5670.00	107.9 AV			1.50 V	158	101.9	6.0
3	#5725.00	63.2 PK	68.2	-5.0	1.50 V	158	57.0	6.2
4	11340.00	48.7 PK	74.0	-25.3	2.01 V	140	31.7	17.0
5	11340.00	37.2 AV	54.0	-16.8	2.01 V	140	20.2	17.0
6	#17010.00	56.0 PK	68.2	-12.2	3.42 V	220	35.2	20.8

Remarks:

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

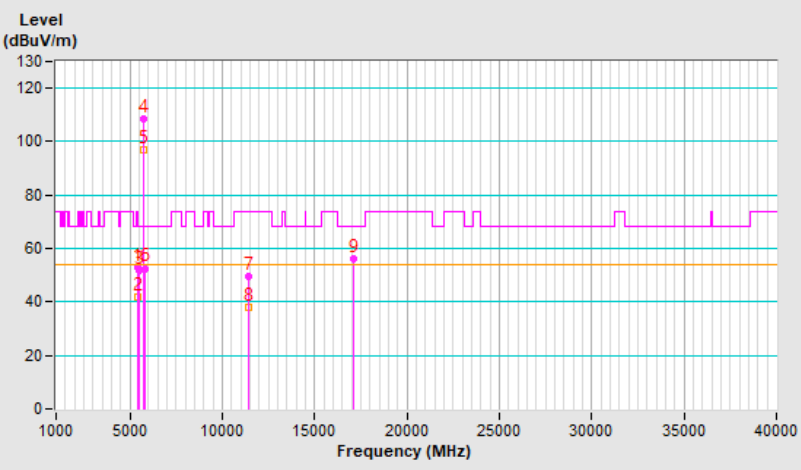


RF Mode	802.11be (EHT40)	Channel	CH 142：5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	53.1 PK	74.0	-20.9	1.64 H	341	47.1	6.0
2	5460.00	41.9 AV	54.0	-12.1	1.64 H	341	35.9	6.0
3	#5470.00	52.0 PK	68.2	-16.2	1.64 H	341	46.0	6.0
4	*5710.00	108.7 PK			1.64 H	341	102.5	6.2
5	*5710.00	96.8 AV			1.64 H	341	90.6	6.2
6	#5850.00	52.6 PK	68.2	-15.6	1.64 H	341	46.0	6.6
7	11420.00	49.4 PK	74.0	-24.6	1.40 H	242	32.5	16.9
8	11420.00	37.8 AV	54.0	-16.2	1.40 H	242	20.9	16.9
9	#17130.00	56.4 PK	68.2	-11.8	2.55 H	309	36.3	20.1

Remarks:

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

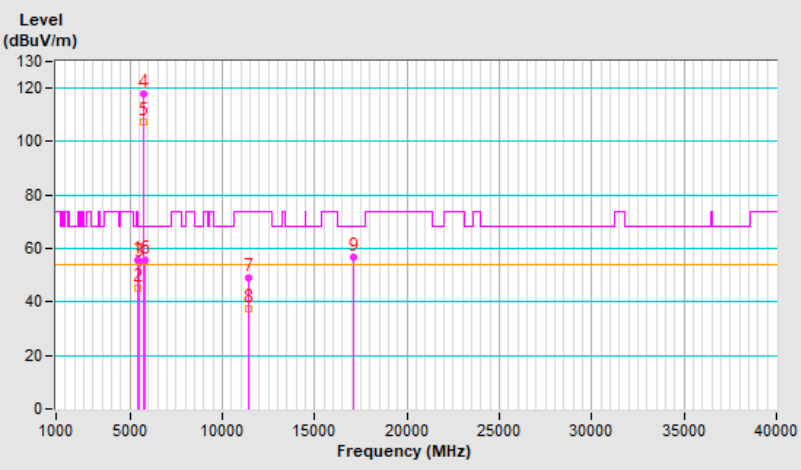


RF Mode	802.11be (EHT40)	Channel	CH 142：5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	55.7 PK	74.0	-18.3	1.42 V	174	49.7	6.0
2	5460.00	45.0 AV	54.0	-9.0	1.42 V	174	39.0	6.0
3	#5470.00	54.7 PK	68.2	-13.5	1.42 V	174	48.7	6.0
4	*5710.00	118.0 PK			1.42 V	174	111.8	6.2
5	*5710.00	107.5 AV			1.42 V	174	101.3	6.2
6	#5850.00	55.8 PK	68.2	-12.4	1.42 V	174	49.2	6.6
7	11420.00	49.1 PK	74.0	-24.9	2.04 V	129	32.2	16.9
8	11420.00	37.4 AV	54.0	-16.6	2.04 V	129	20.5	16.9
9	#17130.00	56.7 PK	68.2	-11.5	3.56 V	225	36.6	20.1

Remarks:

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

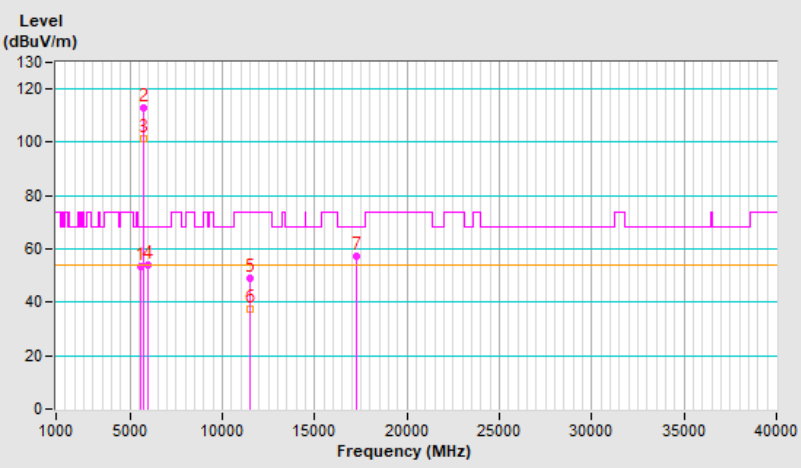


RF Mode	802.11be (EHT40)	Channel	CH 151：5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5607.72	53.4 PK	68.2	-14.8	1.36 H	331	47.5	5.9
2	*5755.00	112.8 PK			1.36 H	331	106.4	6.4
3	*5755.00	101.5 AV			1.36 H	331	95.1	6.4
4	#5984.86	53.8 PK	68.2	-14.4	1.36 H	331	47.3	6.5
5	11510.00	48.8 PK	74.0	-25.2	1.35 H	348	31.9	16.9
6	11510.00	37.3 AV	54.0	-16.7	1.35 H	348	20.4	16.9
7	#17265.00	57.3 PK	68.2	-10.9	1.65 H	320	37.0	20.3

Remarks:

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

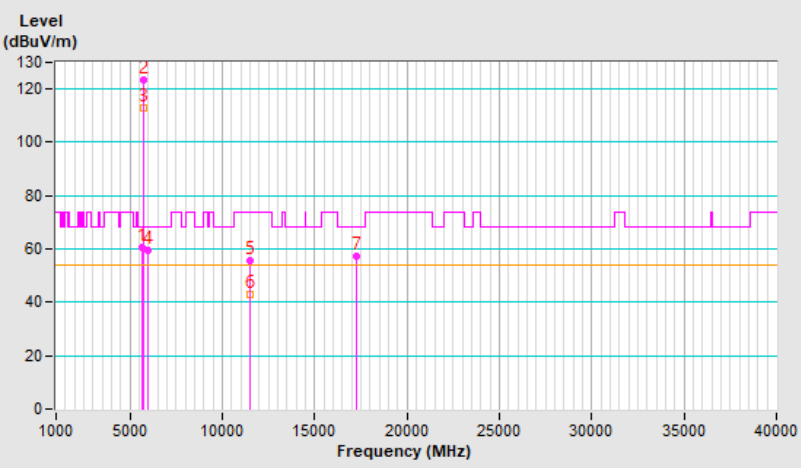


RF Mode	802.11be (EHT40)	Channel	CH 151：5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5633.26	60.6 PK	68.2	-7.6	1.00 V	0	54.7	5.9
2	*5755.00	123.2 PK			1.50 V	156	116.8	6.4
3	*5755.00	112.7 AV			1.50 V	156	106.3	6.4
4	#5950.64	59.6 PK	68.2	-8.6	1.00 V	0	53.2	6.4
5	11510.00	55.7 PK	74.0	-18.3	1.03 V	329	38.8	16.9
6	11510.00	43.0 AV	54.0	-11.0	1.03 V	329	26.1	16.9
7	#17265.00	57.4 PK	68.2	-10.8	1.62 V	265	37.1	20.3

Remarks:

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

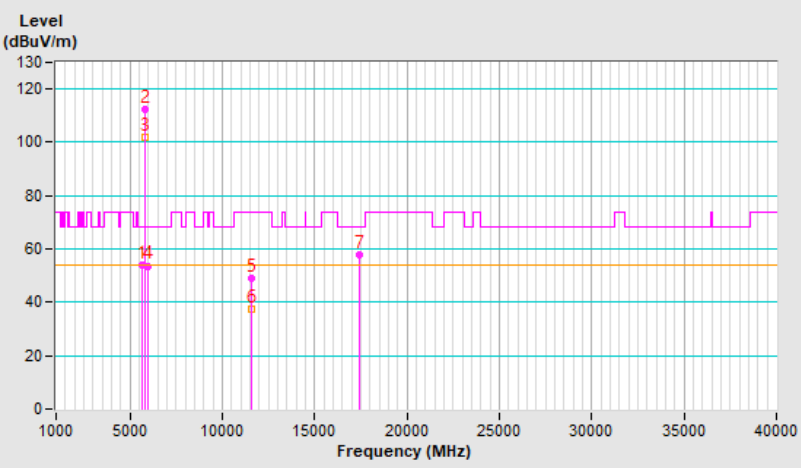


RF Mode	802.11be (EHT40)	Channel	CH 159：5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5623.49	53.8 PK	68.2	-14.4	1.31 H	336	47.9	5.9
2	*5795.00	112.5 PK			1.31 H	336	105.9	6.6
3	*5795.00	101.7 AV			1.31 H	336	95.1	6.6
4	#5947.15	53.7 PK	68.2	-14.5	1.31 H	336	47.3	6.4
5	11590.00	49.1 PK	74.0	-24.9	1.36 H	360	32.2	16.9
6	11590.00	37.4 AV	54.0	-16.6	1.36 H	360	20.5	16.9
7	#17385.00	57.8 PK	68.2	-10.4	1.63 H	318	36.3	21.5

Remarks:

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

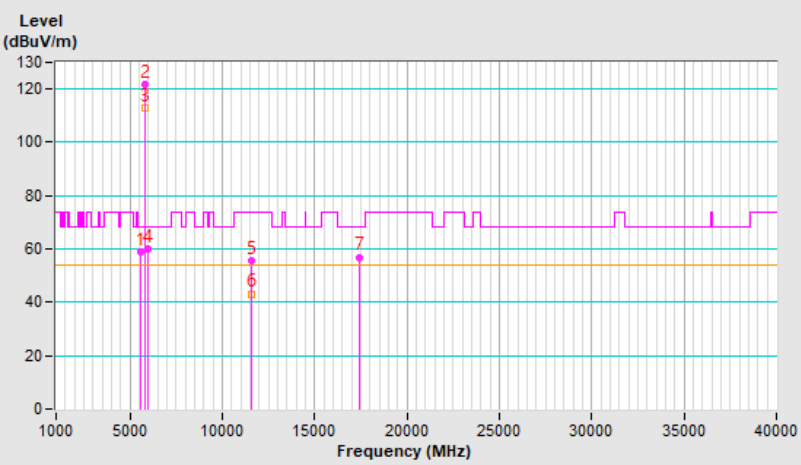


RF Mode	802.11be (EHT40)	Channel	CH 159：5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5586.42	58.8 PK	68.2	-9.4	1.50 V	19	52.9	5.9
2	*5795.00	121.7 PK			1.50 V	19	115.1	6.6
3	*5795.00	112.9 AV			1.50 V	19	106.3	6.6
4	#5992.97	59.8 PK	68.2	-8.4	1.50 V	19	53.3	6.5
5	11590.00	55.8 PK	74.0	-18.2	1.06 V	339	38.9	16.9
6	11590.00	43.2 AV	54.0	-10.8	1.06 V	339	26.3	16.9
7	#17385.00	57.0 PK	68.2	-11.2	1.67 V	243	35.5	21.5

Remarks:

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

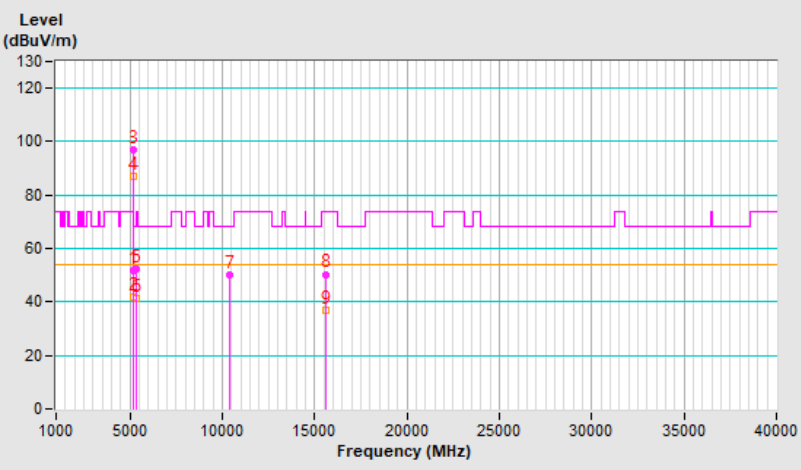


RF Mode	802.11be (EHT80)	Channel	CH 42：5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 73 % RH
Tested By	Sampson Chen		

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	51.8 PK	74.0	-22.2	2.53 H	236	45.8	6.0
2	5150.00	41.7 AV	54.0	-12.3	2.53 H	236	35.7	6.0
3	*5210.00	96.7 PK			2.53 H	236	91.0	5.7
4	*5210.00	87.0 AV			2.53 H	236	81.3	5.7
5	5350.00	52.5 PK	74.0	-21.5	2.53 H	236	46.6	5.9
6	5350.00	41.1 AV	54.0	-12.9	2.53 H	236	35.2	5.9
7	#10420.00	49.9 PK	68.2	-18.3	1.28 H	239	33.8	16.1
8	15630.00	50.4 PK	74.0	-23.6	2.57 H	299	33.4	17.0
9	15630.00	36.9 AV	54.0	-17.1	2.57 H	299	19.9	17.0

Remarks:

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

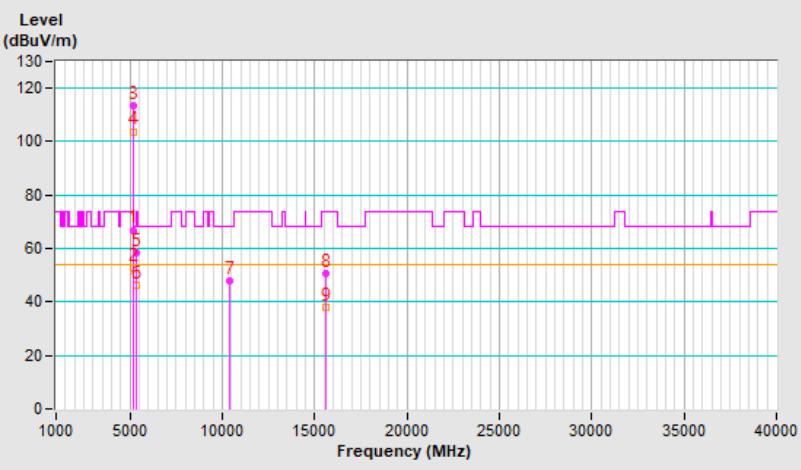


RF Mode	802.11be (EHT80)	Channel	CH 42：5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 73 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.9 PK	74.0	-7.1	1.64 V	198	60.9	6.0
2	5150.00	53.1 AV	54.0	-0.9	1.64 V	198	47.1	6.0
3	*5210.00	113.4 PK			1.64 V	198	107.7	5.7
4	*5210.00	103.8 AV			1.64 V	198	98.1	5.7
5	5350.00	58.4 PK	74.0	-15.6	1.64 V	198	52.5	5.9
6	5350.00	46.1 AV	54.0	-7.9	1.64 V	198	40.2	5.9
7	#10420.00	48.0 PK	68.2	-20.2	1.96 V	139	31.9	16.1
8	15630.00	50.7 PK	74.0	-23.3	3.43 V	233	33.7	17.0
9	15630.00	37.9 AV	54.0	-16.1	3.43 V	233	20.9	17.0

Remarks:

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

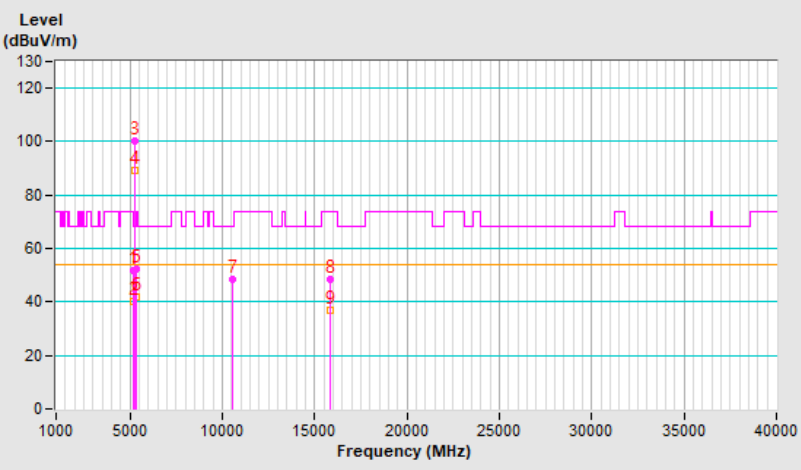


RF Mode	802.11be (EHT80)	Channel	CH 58：5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	51.6 PK	74.0	-22.4	1.22 H	258	45.6	6.0
2	5150.00	40.4 AV	54.0	-13.6	1.22 H	258	34.4	6.0
3	*5290.00	100.2 PK			1.22 H	258	94.8	5.4
4	*5290.00	89.3 AV			1.22 H	258	83.9	5.4
5	5366.42	52.2 PK	74.0	-21.8	1.22 H	258	46.3	5.9
6	5366.42	41.6 AV	54.0	-12.4	1.22 H	258	35.7	5.9
7	#10580.00	48.5 PK	68.2	-19.7	1.07 H	115	32.2	16.3
8	15870.00	48.7 PK	74.0	-25.3	2.58 H	324	31.4	17.3
9	15870.00	36.7 AV	54.0	-17.3	2.58 H	324	19.4	17.3

Remarks:

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

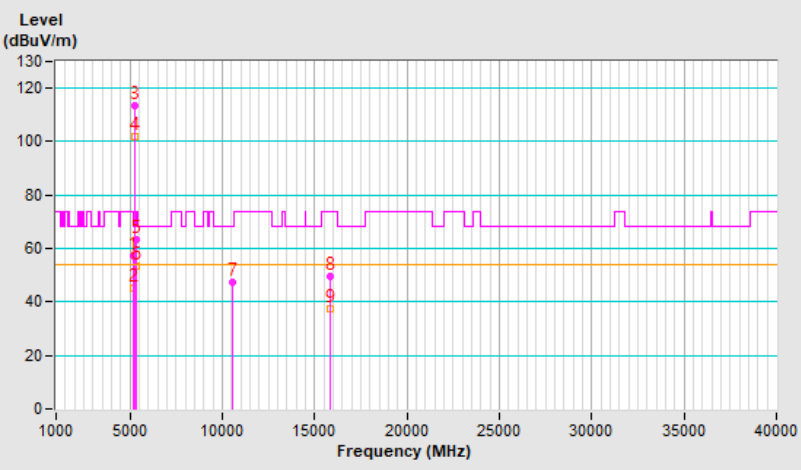


RF Mode	802.11be (EHT80)	Channel	CH 58：5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.1 PK	74.0	-16.9	1.60 V	156	51.1	6.0
2	5150.00	45.0 AV	54.0	-9.0	1.60 V	156	39.0	6.0
3	*5290.00	113.6 PK			1.60 V	156	108.2	5.4
4	*5290.00	101.9 AV			1.60 V	156	96.5	5.4
5	5350.00	63.3 PK	74.0	-10.7	1.60 V	156	57.4	5.9
6	5350.00	53.3 AV	54.0	-0.7	1.60 V	156	47.4	5.9
7	#10580.00	47.6 PK	68.2	-20.6	1.94 V	111	31.3	16.3
8	15870.00	49.7 PK	74.0	-24.3	3.40 V	235	32.4	17.3
9	15870.00	37.4 AV	54.0	-16.6	3.40 V	235	20.1	17.3

Remarks:

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

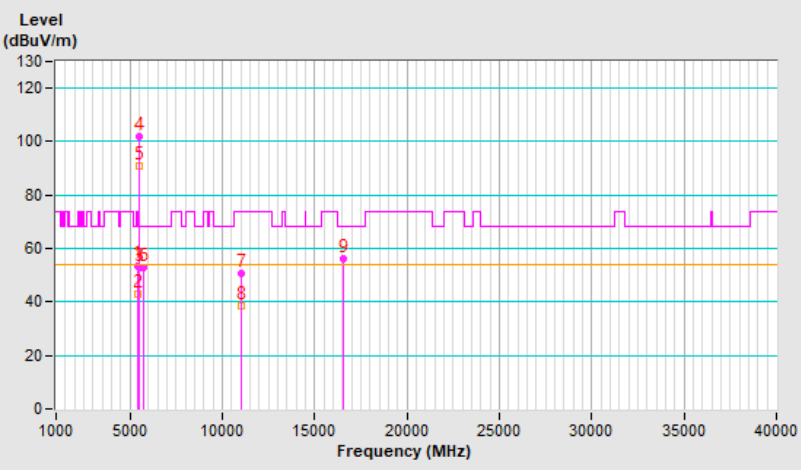


RF Mode	802.11be (EHT80)	Channel	CH 106：5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5455.14	53.7 PK	74.0	-20.3	1.67 H	328	47.7	6.0
2	5455.14	42.9 AV	54.0	-11.1	1.67 H	328	36.9	6.0
3	#5466.11	53.1 PK	68.2	-15.1	1.67 H	328	47.1	6.0
4	*5530.00	101.7 PK			1.67 H	328	95.7	6.0
5	*5530.00	90.8 AV			1.67 H	328	84.8	6.0
6	#5725.00	53.1 PK	68.2	-15.1	1.67 H	328	46.9	6.2
7	11060.00	50.5 PK	74.0	-23.5	1.35 H	219	33.6	16.9
8	11060.00	38.4 AV	54.0	-15.6	1.35 H	219	21.5	16.9
9	#16590.00	56.2 PK	68.2	-12.0	2.46 H	321	35.8	20.4

Remarks:

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

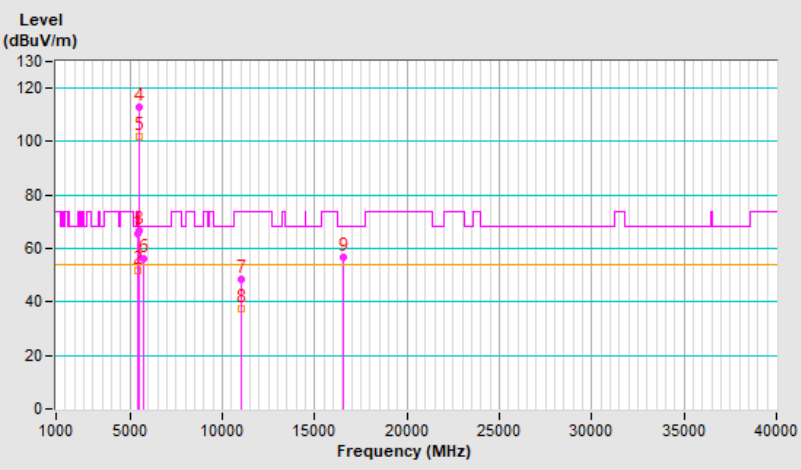


RF Mode	802.11be (EHT80)	Channel	CH 106：5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5458.00	65.3 PK	74.0	-8.7	1.50 V	161	59.3	6.0
2	5458.00	52.0 AV	54.0	-2.0	1.50 V	161	46.0	6.0
3	#5466.11	66.5 PK	68.2	-1.7	1.50 V	161	60.5	6.0
4	*5530.00	112.7 PK			1.50 V	161	106.7	6.0
5	*5530.00	101.7 AV			1.50 V	161	95.7	6.0
6	#5725.00	56.0 PK	68.2	-12.2	1.50 V	161	49.8	6.2
7	11060.00	48.7 PK	74.0	-25.3	1.99 V	109	31.8	16.9
8	11060.00	37.4 AV	54.0	-16.6	1.99 V	109	20.5	16.9
9	#16590.00	56.5 PK	68.2	-11.7	3.43 V	220	36.1	20.4

Remarks:

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

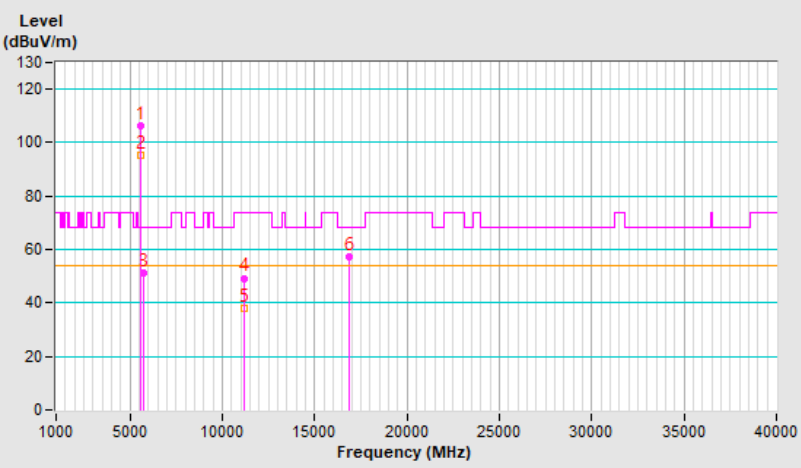


RF Mode	802.11be (EHT80)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	106.1 PK			1.58 H	326	100.2	5.9
2	*5610.00	95.2 AV			1.58 H	326	89.3	5.9
3	#5725.00	51.1 PK	68.2	-17.1	1.58 H	326	44.9	6.2
4	11220.00	49.3 PK	74.0	-24.7	1.38 H	235	32.6	16.7
5	11220.00	37.8 AV	54.0	-16.2	1.38 H	235	21.1	16.7
6	#16830.00	57.1 PK	68.2	-11.1	2.54 H	307	35.9	21.2

Remarks:

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

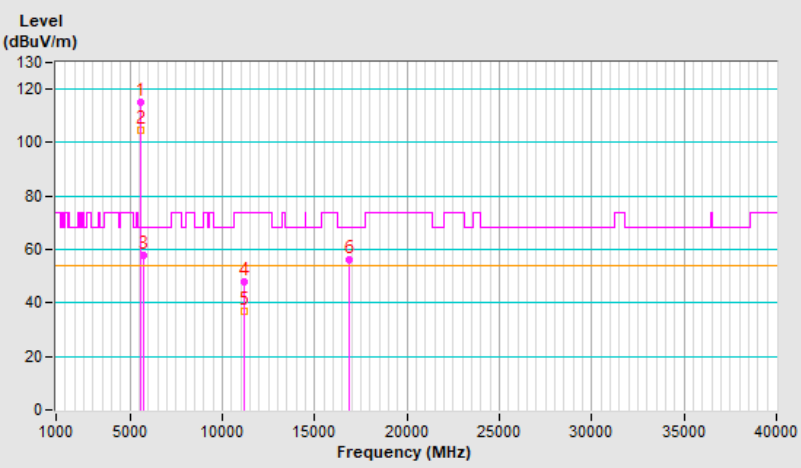


RF Mode	802.11be (EHT80)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	115.0 PK			1.50 V	159	109.1	5.9
2	*5610.00	104.7 AV			1.50 V	159	98.8	5.9
3	#5725.00	58.0 PK	68.2	-10.2	1.50 V	159	51.8	6.2
4	11220.00	48.1 PK	74.0	-25.9	1.98 V	125	31.4	16.7
5	11220.00	36.7 AV	54.0	-17.3	1.98 V	125	20.0	16.7
6	#16830.00	56.0 PK	68.2	-12.2	3.49 V	222	34.8	21.2

Remarks:

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

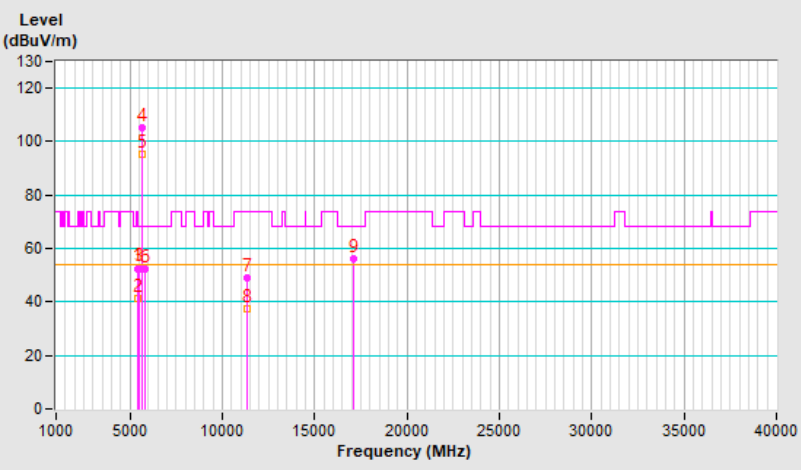


RF Mode	802.11be (EHT80)	Channel	CH 138：5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	52.6 PK	74.0	-21.4	1.66 H	346	46.6	6.0
2	5460.00	41.3 AV	54.0	-12.7	1.66 H	346	35.3	6.0
3	#5470.00	52.6 PK	68.2	-15.6	1.66 H	346	46.6	6.0
4	*5690.00	105.2 PK			1.66 H	346	99.1	6.1
5	*5690.00	95.2 AV			1.66 H	346	89.1	6.1
6	#5850.00	52.5 PK	68.2	-15.7	1.66 H	346	45.9	6.6
7	11380.00	49.1 PK	74.0	-24.9	1.39 H	239	32.1	17.0
8	11380.00	37.5 AV	54.0	-16.5	1.39 H	239	20.5	17.0
9	#17070.00	56.2 PK	68.2	-12.0	2.56 H	299	35.8	20.4

Remarks:

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

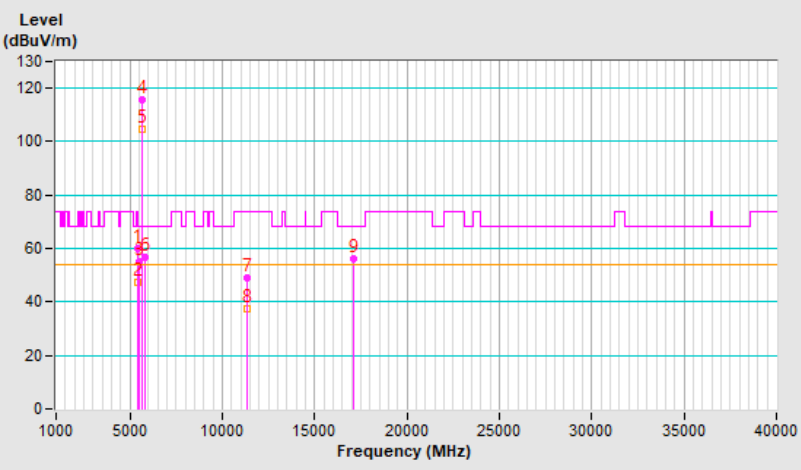


RF Mode	802.11be (EHT80)	Channel	CH 138：5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	59.8 PK	74.0	-14.2	1.51 V	141	53.8	6.0
2	5460.00	47.1 AV	54.0	-6.9	1.51 V	141	41.1	6.0
3	#5470.00	54.9 PK	68.2	-13.3	1.51 V	141	48.9	6.0
4	*5690.00	115.7 PK			1.51 V	141	109.6	6.1
5	*5690.00	104.5 AV			1.51 V	141	98.4	6.1
6	#5850.00	56.6 PK	68.2	-11.6	1.51 V	141	50.0	6.6
7	11380.00	49.1 PK	74.0	-24.9	2.03 V	126	32.1	17.0
8	11380.00	37.3 AV	54.0	-16.7	2.03 V	126	20.3	17.0
9	#17070.00	56.1 PK	68.2	-12.1	3.47 V	239	35.7	20.4

Remarks:

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

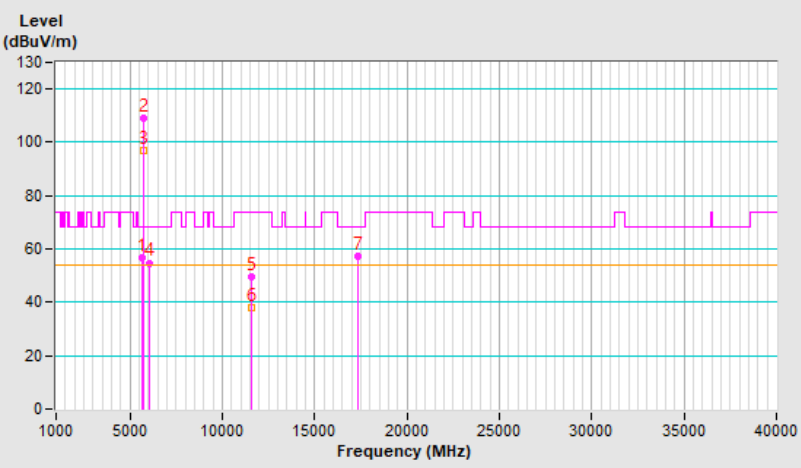


RF Mode	802.11be (EHT80)	Channel	CH 155：5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5649.41	56.5 PK	68.2	-11.7	1.38 H	332	50.5	6.0
2	*5775.00	108.9 PK			1.38 H	332	102.4	6.5
3	*5775.00	96.9 AV			1.38 H	332	90.4	6.5
4	#6017.52	54.8 PK	68.2	-13.4	1.38 H	332	48.3	6.5
5	11550.00	49.7 PK	74.0	-24.3	1.33 H	353	32.7	17.0
6	11550.00	38.0 AV	54.0	-16.0	1.33 H	353	21.0	17.0
7	#17325.00	57.4 PK	68.2	-10.8	1.67 H	333	36.6	20.8

Remarks:

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

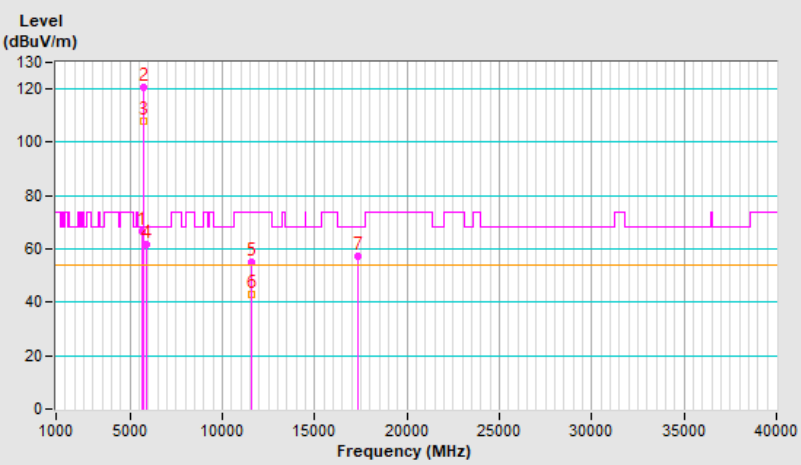


RF Mode	802.11be (EHT80)	Channel	CH 155：5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	#5649.65	66.5 PK	68.2	-1.7	1.50 V	18	60.5	6.0
2	*5775.00	120.5 PK			1.50 V	18	114.0	6.5
3	*5775.00	107.7 AV			1.50 V	18	101.2	6.5
4	#5930.69	61.6 PK	68.2	-6.6	1.50 V	18	55.2	6.4
5	11550.00	55.1 PK	74.0	-18.9	1.00 V	322	38.1	17.0
6	11550.00	42.9 AV	54.0	-11.1	1.00 V	322	25.9	17.0
7	#17325.00	57.1 PK	68.2	-11.1	1.64 V	270	36.3	20.8

Remarks:

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

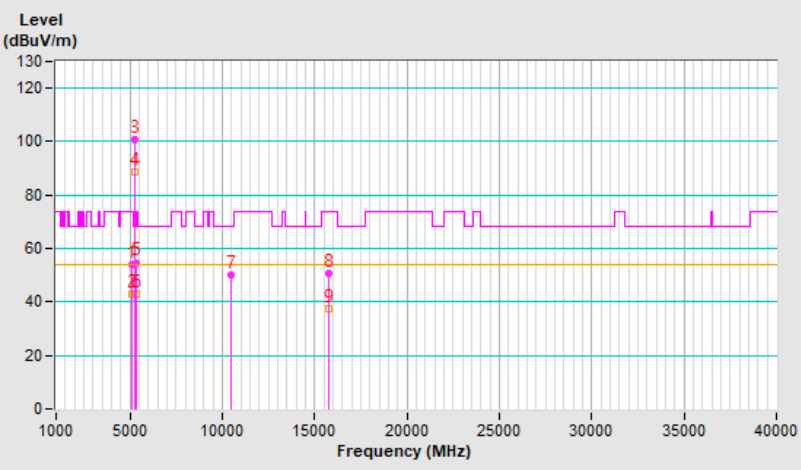


RF Mode	802.11be (EHT160)	Channel	CH 50：5250 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	54.1 PK	74.0	-19.9	2.60 H	231	48.1	6.0
2	5142.80	42.7 AV	54.0	-11.3	2.60 H	231	36.7	6.0
3	*5250.00	100.8 PK			2.60 H	231	95.3	5.5
4	*5250.00	88.7 AV			2.60 H	231	83.2	5.5
5	5362.70	54.8 PK	74.0	-19.2	2.60 H	231	48.9	5.9
6	5362.70	42.9 AV	54.0	-11.1	2.60 H	231	37.0	5.9
7	#10500.00	49.9 PK	68.2	-18.3	1.32 H	229	34.0	15.9
8	15750.00	50.9 PK	74.0	-23.1	2.61 H	302	33.7	17.2
9	15750.00	37.3 AV	54.0	-16.7	2.61 H	302	20.1	17.2

Remarks:

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

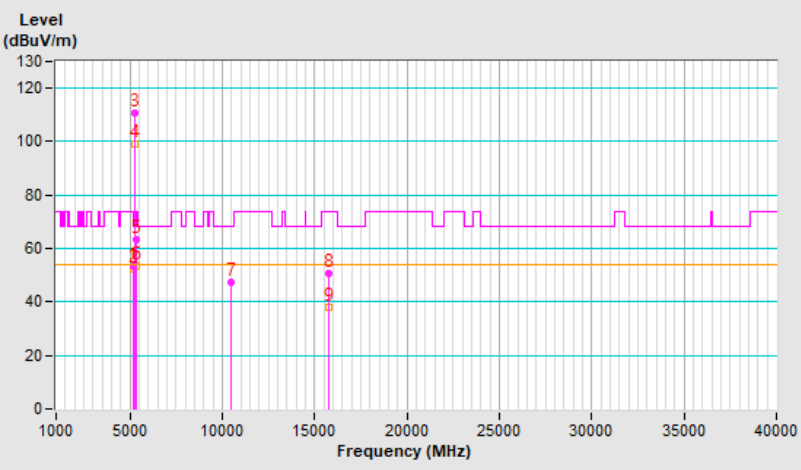


RF Mode	802.11be (EHT160)	Channel	CH 50：5250 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	53.4 PK	74.0	-20.6	1.57 V	152	47.4	6.0
2	5150.00	52.4 AV	54.0	-1.6	1.57 V	152	46.4	6.0
3	*5250.00	110.5 PK			1.57 V	152	105.0	5.5
4	*5250.00	99.0 AV			1.57 V	152	93.5	5.5
5	5350.00	63.5 PK	74.0	-10.5	1.57 V	152	57.6	5.9
6	5350.00	53.2 AV	54.0	-0.8	1.57 V	152	47.3	5.9
7	#10500.00	47.6 PK	68.2	-20.6	2.01 V	121	31.7	15.9
8	15750.00	50.9 PK	74.0	-23.1	3.42 V	246	33.7	17.2
9	15750.00	38.1 AV	54.0	-15.9	3.42 V	246	20.9	17.2

Remarks:

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

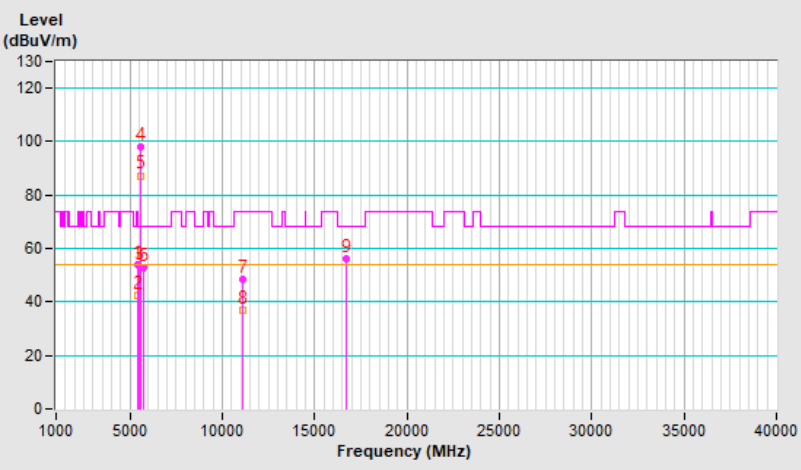


RF Mode	802.11be (EHT160)	Channel	CH 114：5570 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5457.43	53.9 PK	74.0	-20.1	1.50 H	332	47.9	6.0
2	5457.43	42.6 AV	54.0	-11.4	1.50 H	332	36.6	6.0
3	#5470.00	53.2 PK	68.2	-15.0	1.50 H	332	47.2	6.0
4	*5570.00	98.0 PK			1.50 H	332	92.1	5.9
5	*5570.00	87.3 AV			1.50 H	332	81.4	5.9
6	#5725.00	52.9 PK	68.2	-15.3	1.50 H	332	46.7	6.2
7	11140.00	48.6 PK	74.0	-25.4	1.36 H	215	31.9	16.7
8	11140.00	37.0 AV	54.0	-17.0	1.36 H	215	20.3	16.7
9	#16710.00	56.2 PK	68.2	-12.0	2.63 H	295	34.7	21.5

Remarks:

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

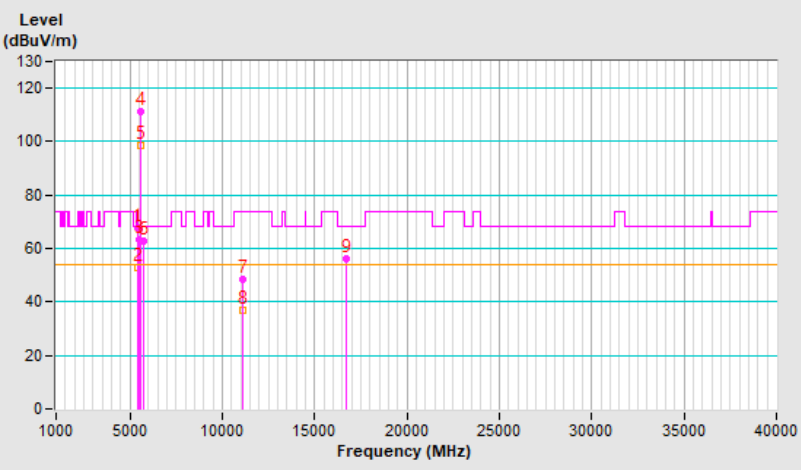


RF Mode	802.11be (EHT160)	Channel	CH 114：5570 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5445.30	67.8 PK	74.0	-6.2	1.54 V	160	61.7	6.1
2	5445.30	52.7 AV	54.0	-1.3	1.54 V	160	46.6	6.1
3	#5463.50	63.2 PK	68.2	-5.0	1.54 V	160	57.2	6.0
4	*5570.00	111.1 PK			1.54 V	160	105.2	5.9
5	*5570.00	98.8 AV			1.54 V	160	92.9	5.9
6	#5725.00	62.9 PK	68.2	-5.3	1.54 V	160	56.7	6.2
7	11140.00	48.3 PK	74.0	-25.7	2.03 V	122	31.6	16.7
8	11140.00	36.8 AV	54.0	-17.2	2.03 V	122	20.1	16.7
9	#16710.00	56.2 PK	68.2	-12.0	3.41 V	215	34.7	21.5

Remarks:

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

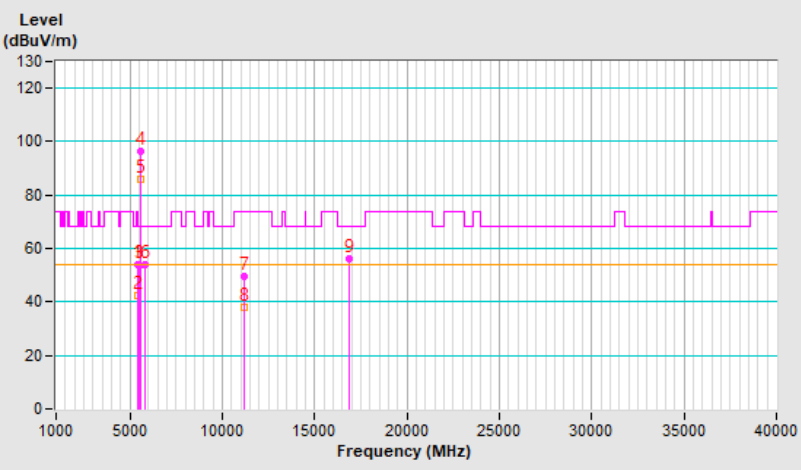


RF Mode	802.11be (EHT240)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5458.11	54.0 PK	74.0	-20.0	1.31 H	334	48.0	6.0
2	5458.11	42.2 AV	54.0	-11.8	1.31 H	334	36.2	6.0
3	#5470.00	53.7 PK	68.2	-14.5	1.31 H	334	47.7	6.0
4	*5610.00	96.2 PK			1.31 H	334	90.3	5.9
5	*5610.00	85.9 AV			1.31 H	334	80.0	5.9
6	#5850.00	53.9 PK	68.2	-14.3	1.31 H	334	47.3	6.6
7	11220.00	49.6 PK	74.0	-24.4	1.32 H	247	32.9	16.7
8	11220.00	37.8 AV	54.0	-16.2	1.32 H	247	21.1	16.7
9	#16830.00	56.2 PK	68.2	-12.0	2.47 H	309	35.0	21.2

Remarks:

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

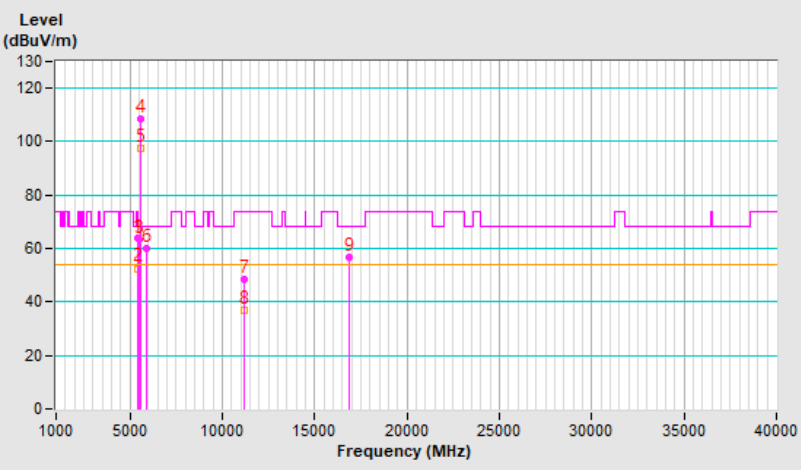


RF Mode	802.11be (EHT240)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71 % RH
Tested By	Sampson Chen		

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	5408.53	63.7 PK	74.0	-10.3	1.40 V	155	57.7	6.0
2	5408.53	52.6 AV	54.0	-1.4	1.40 V	155	46.6	6.0
3	#5467.23	63.2 PK	68.2	-5.0	1.40 V	155	57.2	6.0
4	*5610.00	108.6 PK			1.40 V	155	102.7	5.9
5	*5610.00	97.5 AV			1.40 V	155	91.6	5.9
6	#5870.00	59.9 PK	68.2	-8.3	1.40 V	155	53.4	6.5
7	11220.00	48.5 PK	74.0	-25.5	2.04 V	111	31.8	16.7
8	11220.00	37.1 AV	54.0	-16.9	2.04 V	111	20.4	16.7
9	#16830.00	56.7 PK	68.2	-11.5	3.45 V	225	35.5	21.2

Remarks:

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

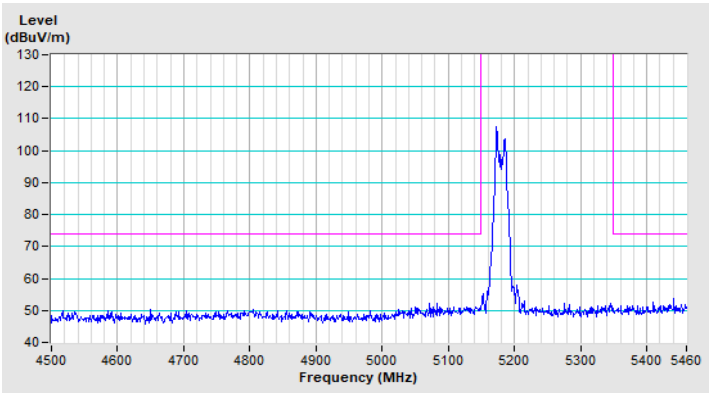


Plot of Band Edge

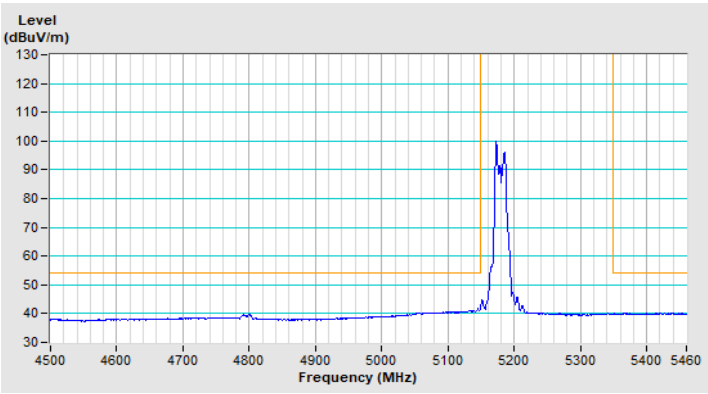
CDD

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

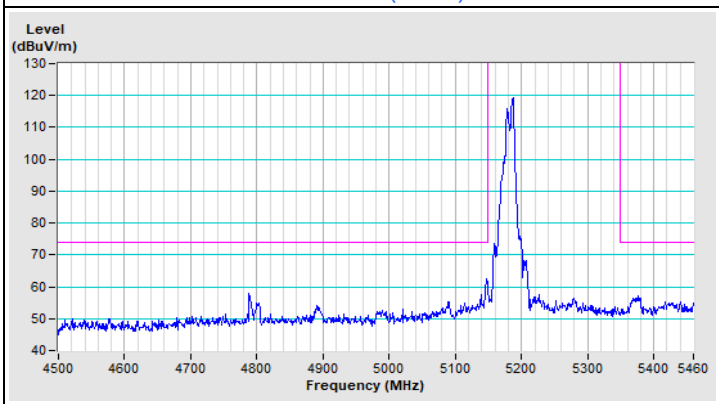
802.11a Channel 36



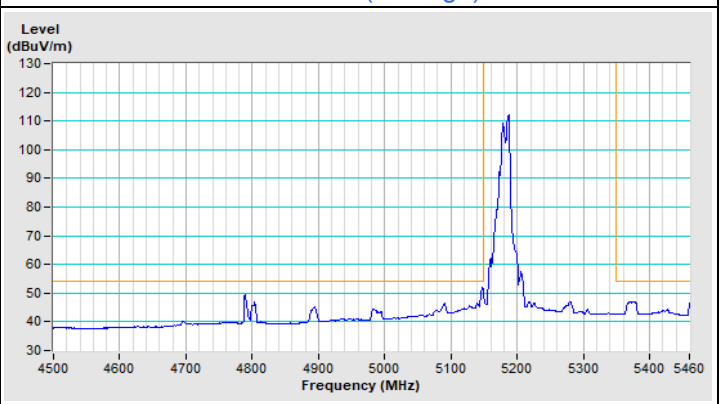
Horizontal (Peak)



Horizontal (Average)

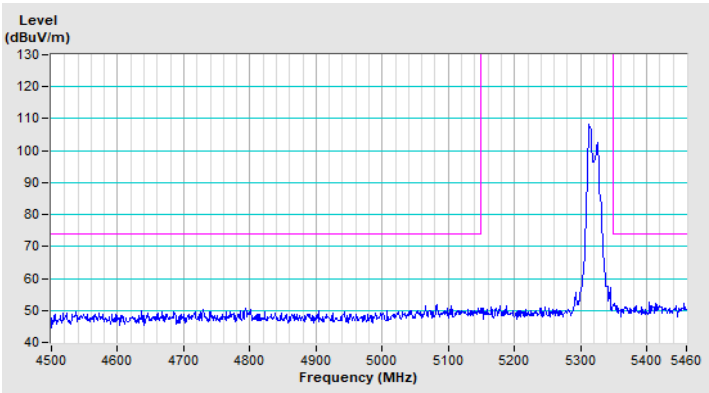


Vertical (Peak)

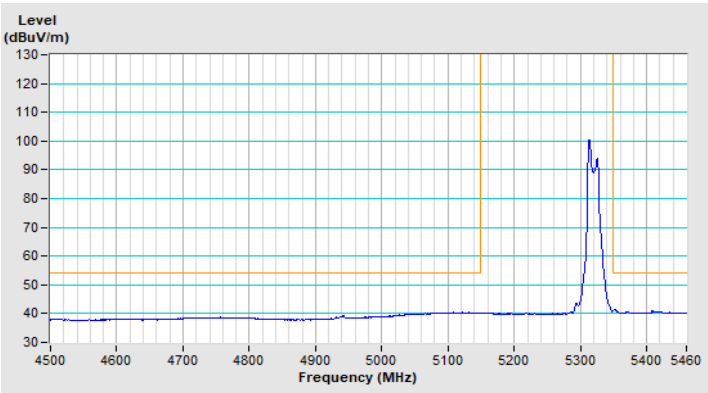


Vertical (Average)

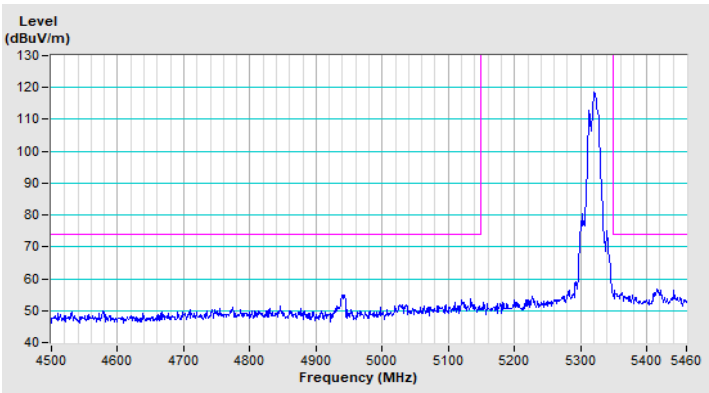
802.11a Channel 64



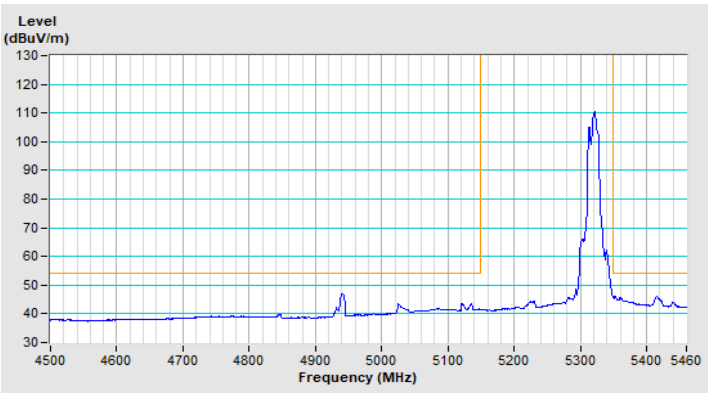
Horizontal (Peak)



Horizontal (Average)



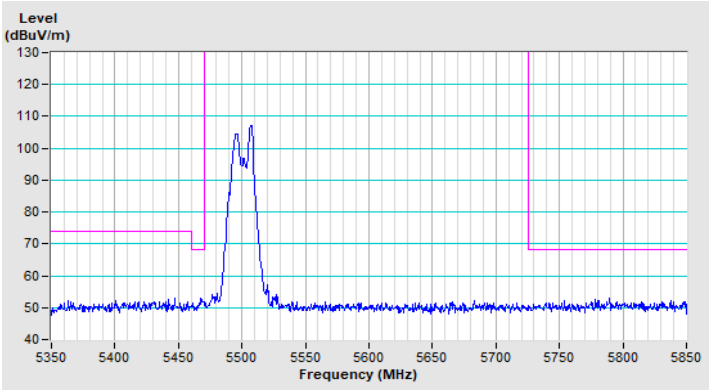
Vertical (Peak)



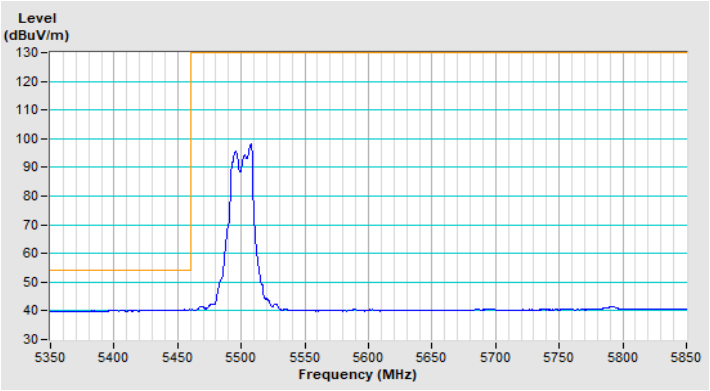
Vertical (Average)

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

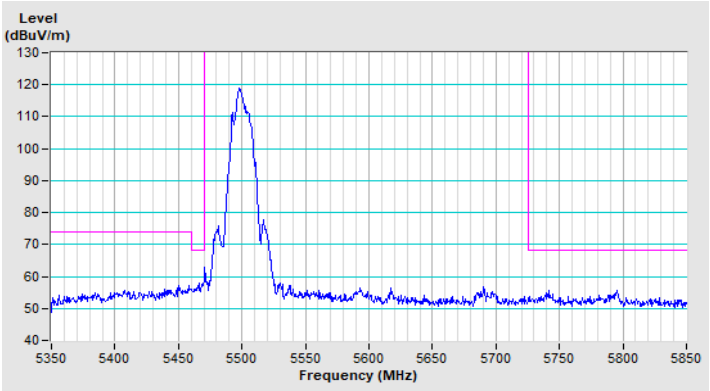
802.11a Channel 100



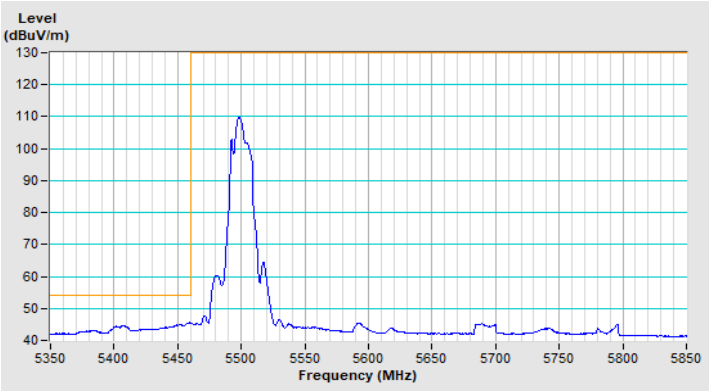
Horizontal (Peak)



Horizontal (Average)



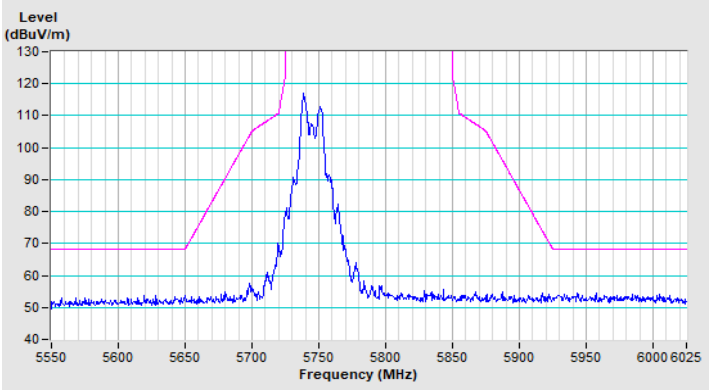
Vertical (Peak)



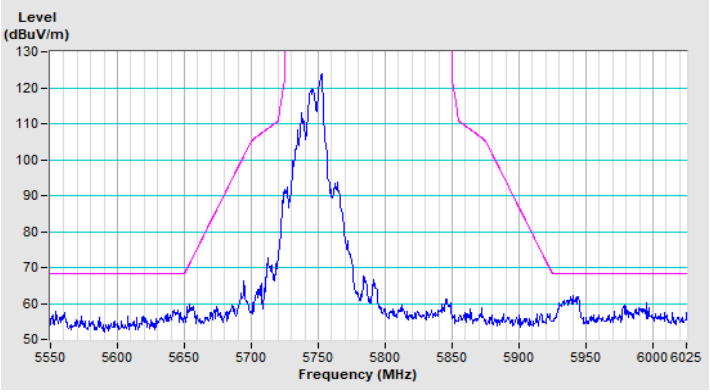
Vertical (Average)

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

802.11a Channel 149

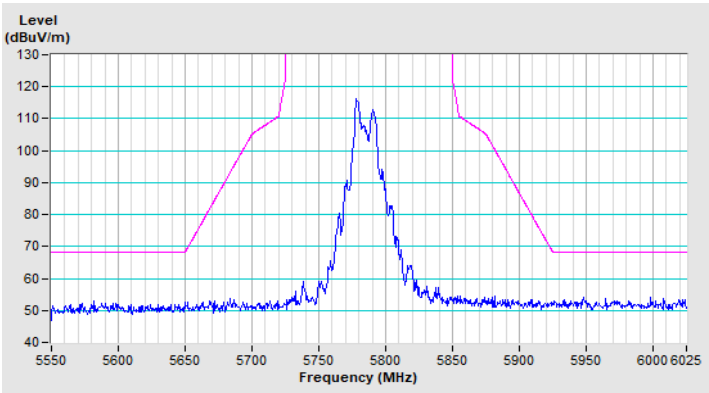


Horizontal (Peak)

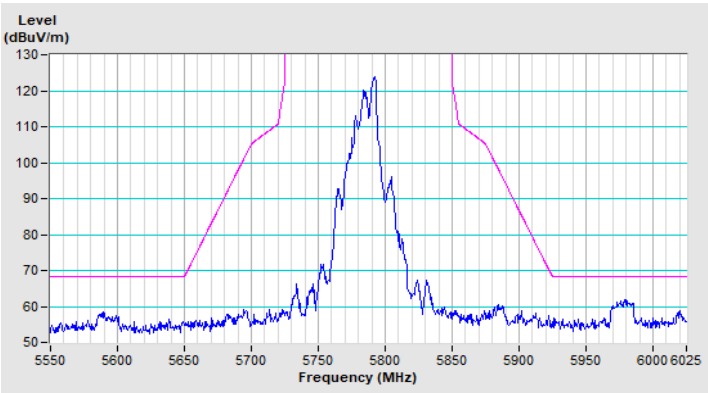


Vertical (Peak)

802.11a Channel 157

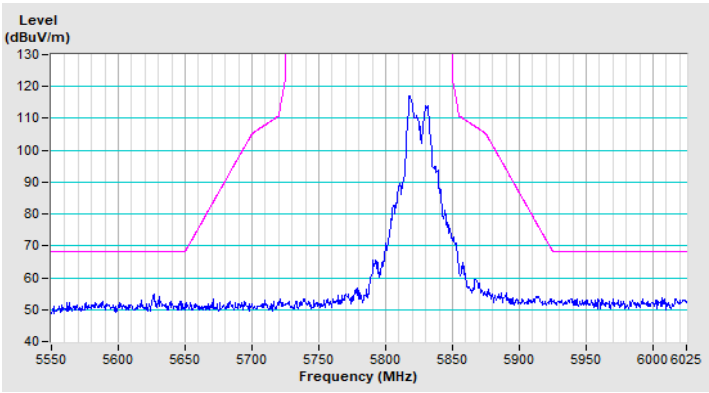


Horizontal (Peak)

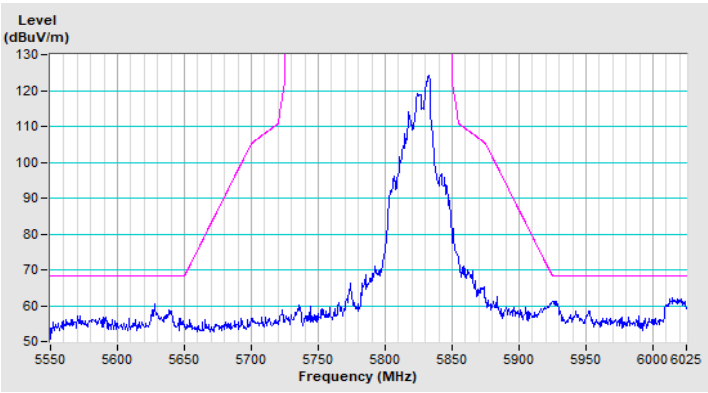


Vertical (Peak)

802.11a Channel 165



Horizontal (Peak)

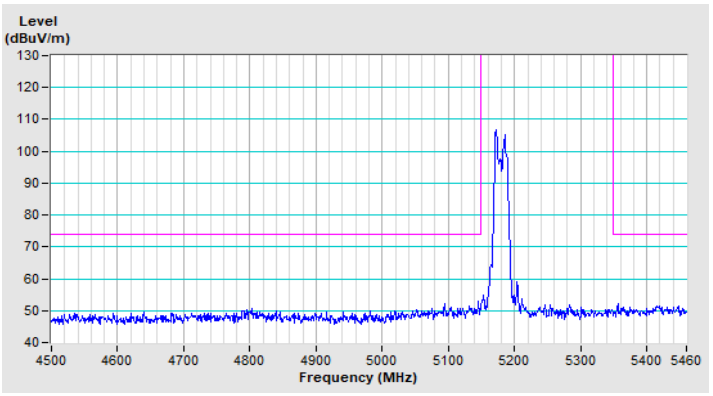


Vertical (Peak)

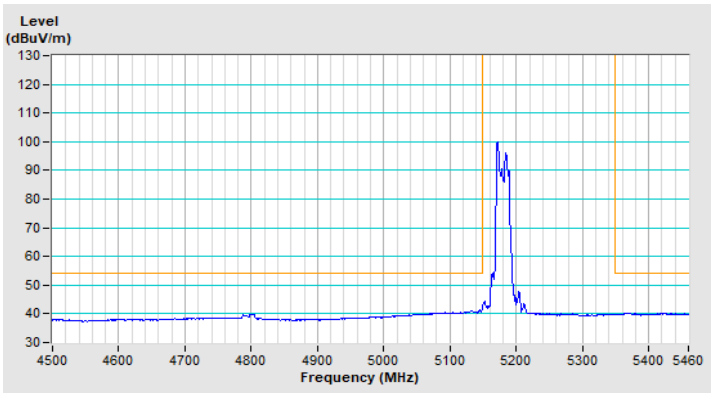
Beamforming

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

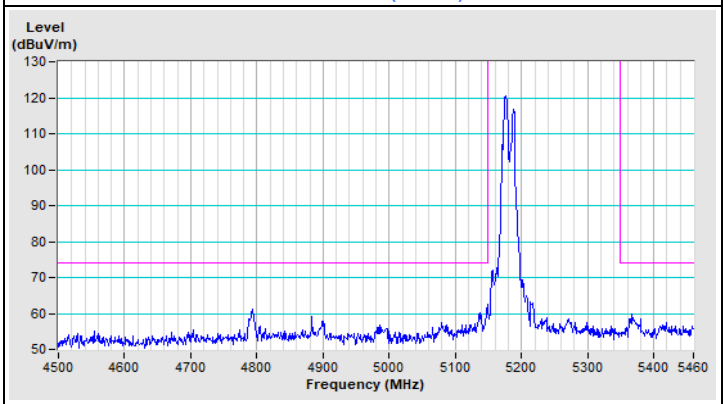
802.11be (EHT20) Channel 36



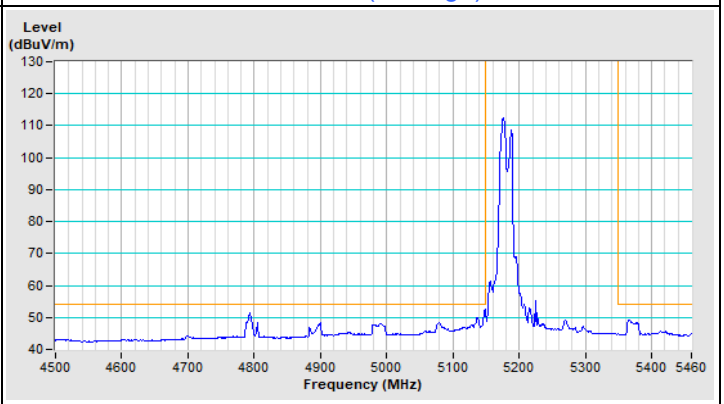
Horizontal (Peak)



Horizontal (Average)

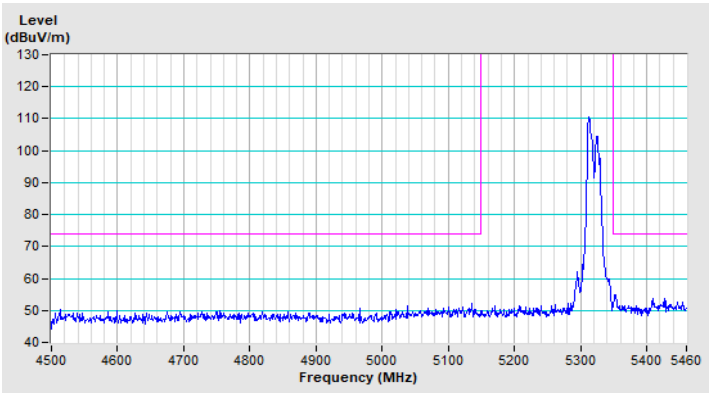


Vertical (Peak)

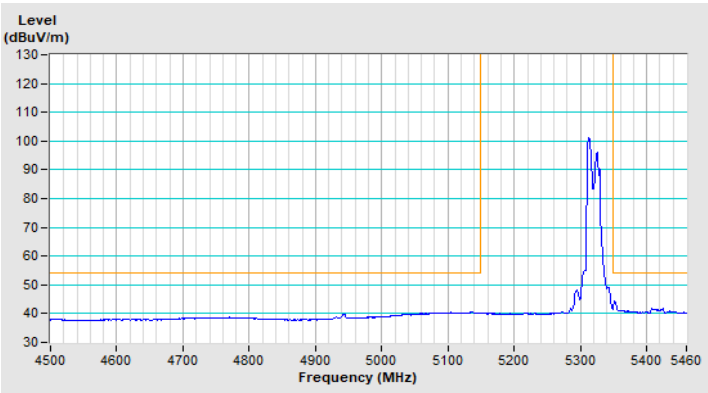


Vertical (Average)

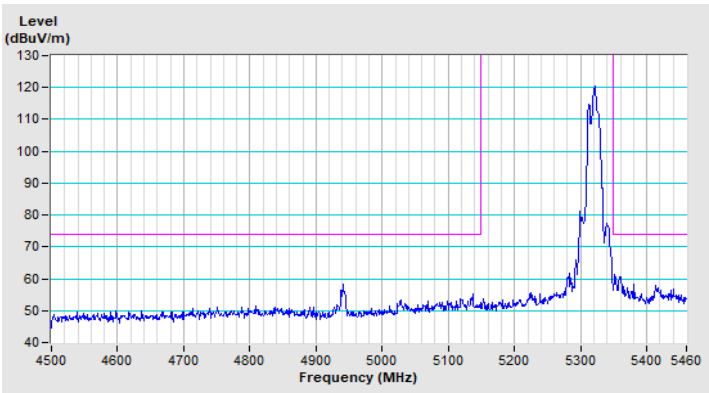
802.11be (EHT20) Channel 64



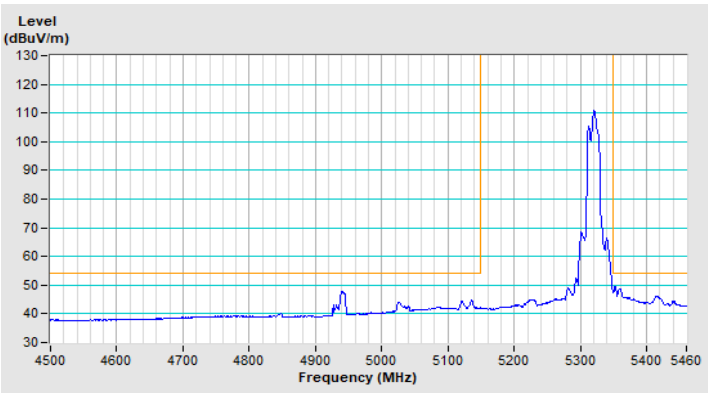
Horizontal (Peak)



Horizontal (Average)



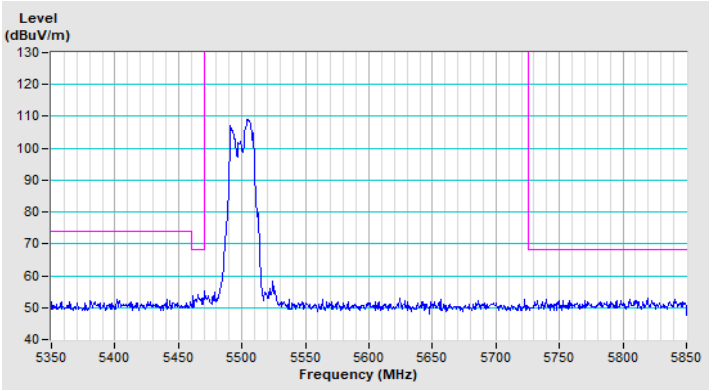
Vertical (Peak)



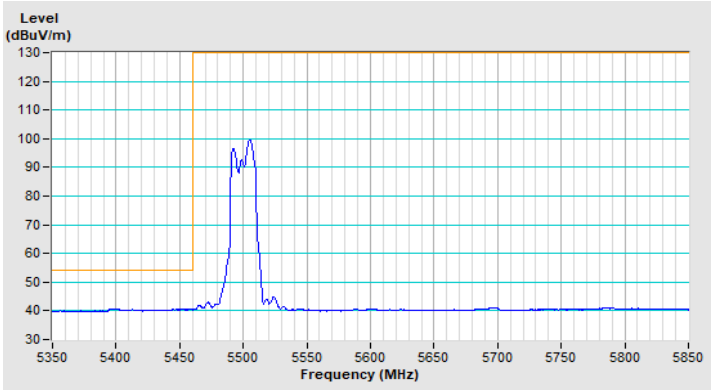
Vertical (Average)

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

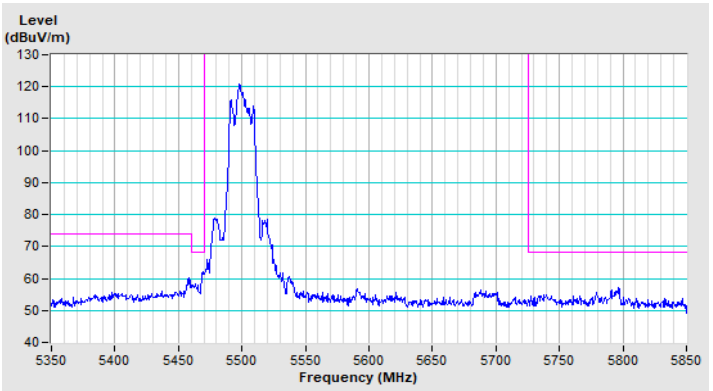
802.11be (EHT20) Channel 100



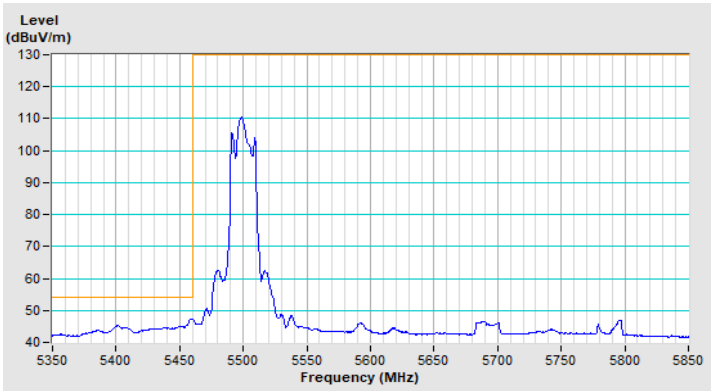
Horizontal (Peak)



Horizontal (Average)



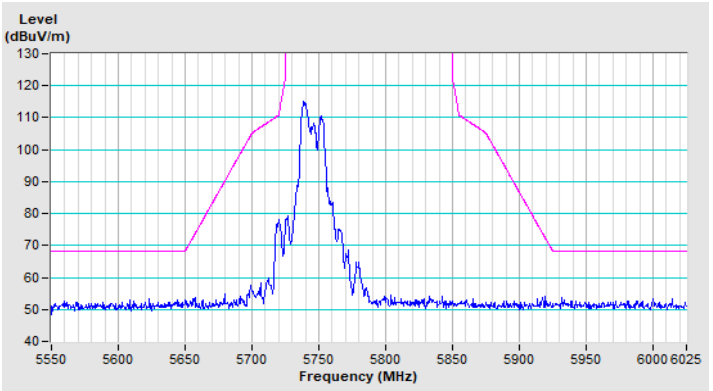
Vertical (Peak)



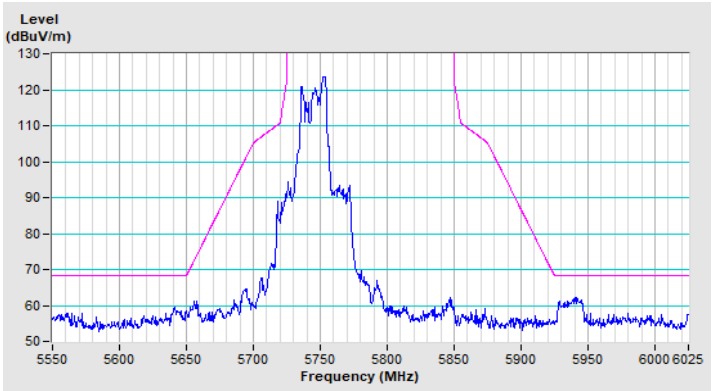
Vertical (Average)

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

802.11be (EHT20) Channel 149

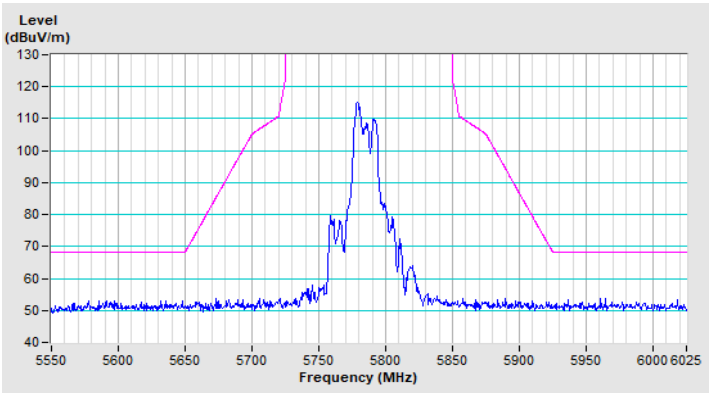


Horizontal (Peak)

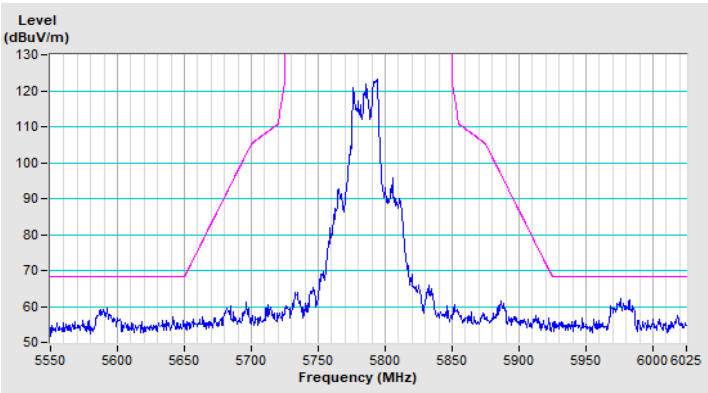


Vertical (Peak)

802.11be (EHT20) Channel 157

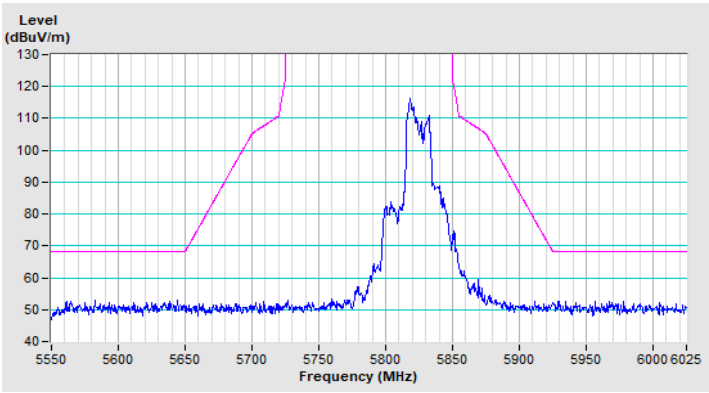


Horizontal (Peak)

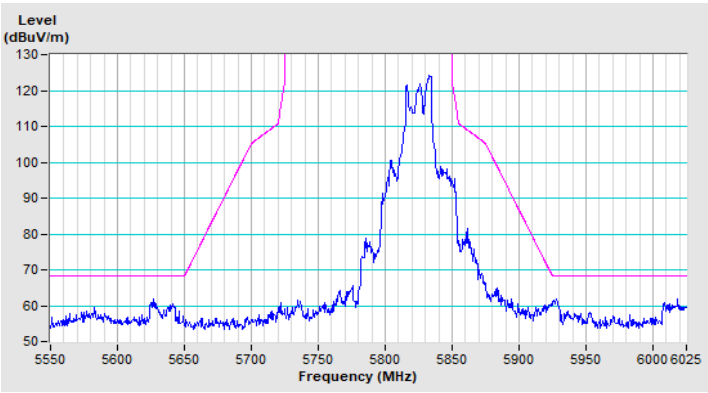


Vertical (Peak)

802.11be (EHT20) Channel 165



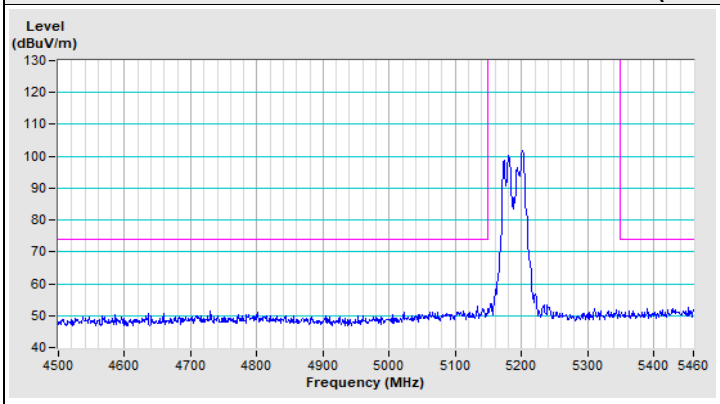
Horizontal (Peak)



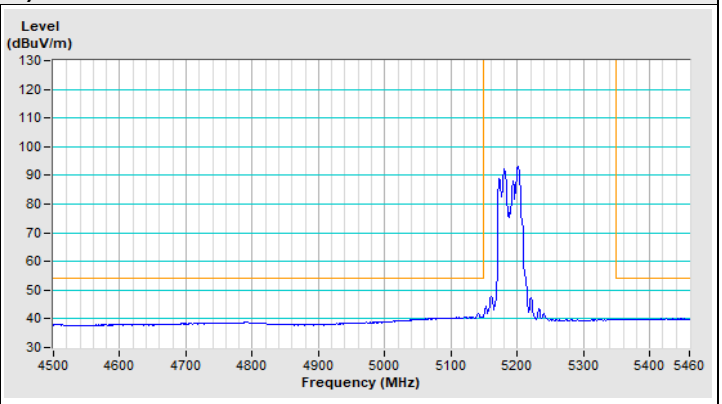
Vertical (Peak)

Frequency Range	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

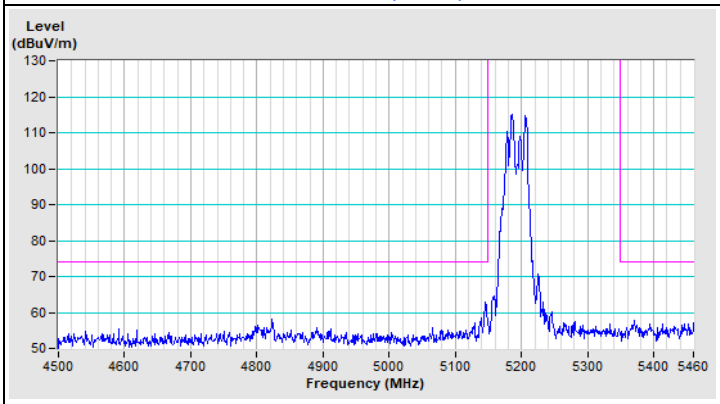
802.11be (EHT40) Channel 38



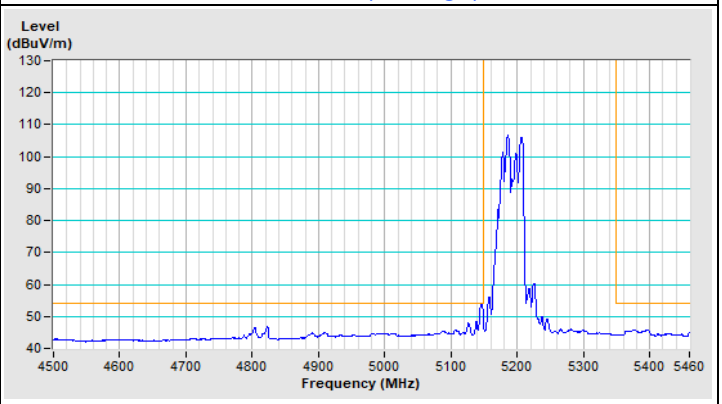
Horizontal (Peak)



Horizontal (Average)

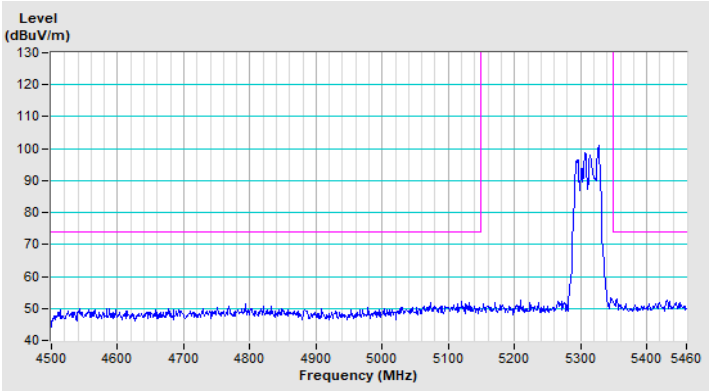


Vertical (Peak)

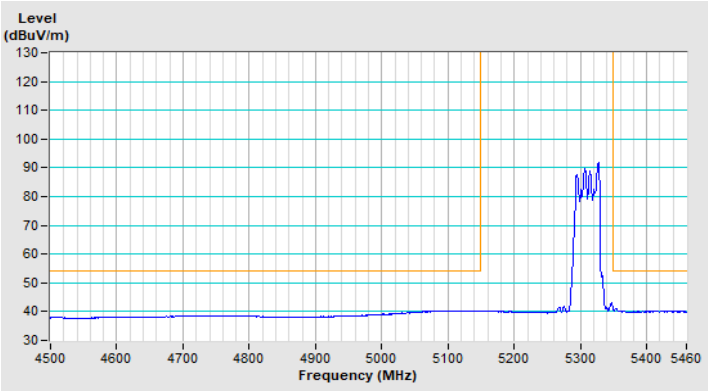


Vertical (Average)

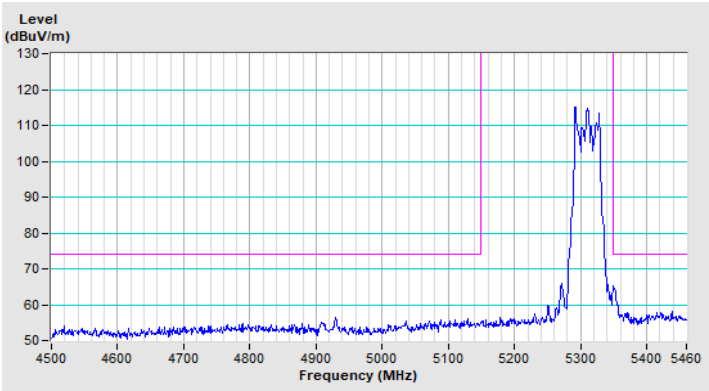
802.11be (EHT40) Channel 62



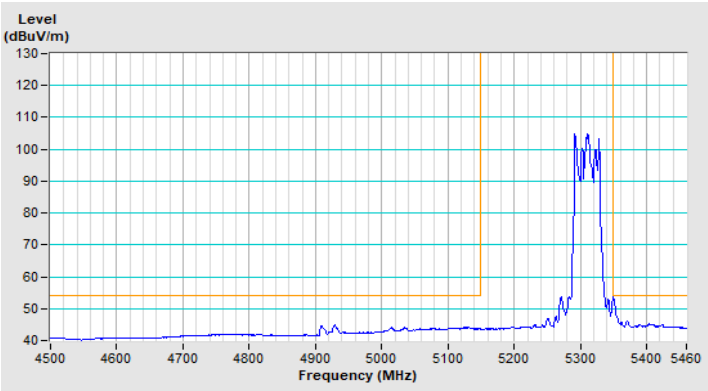
Horizontal (Peak)



Horizontal (Average)



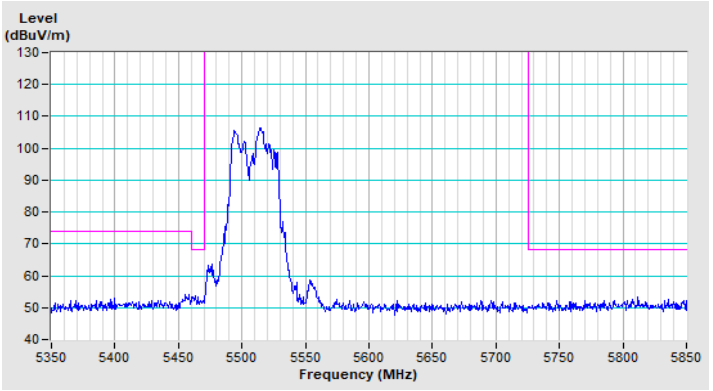
Vertical (Peak)



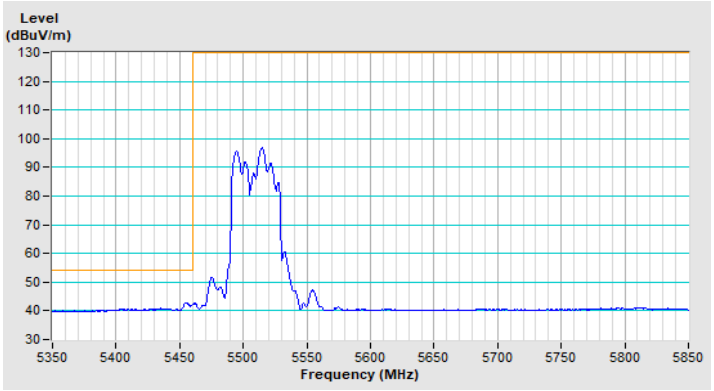
Vertical (Average)

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

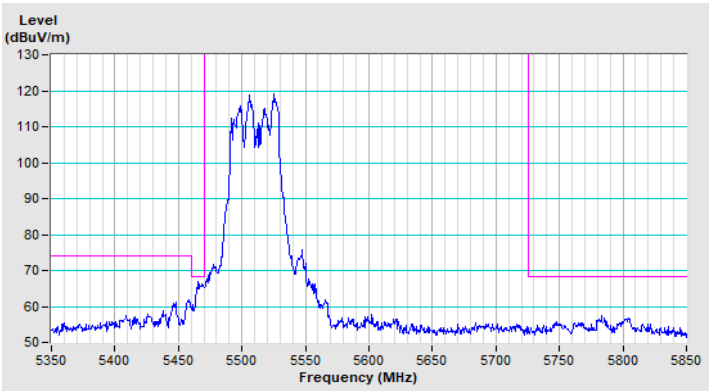
802.11be (EHT40) Channel 102



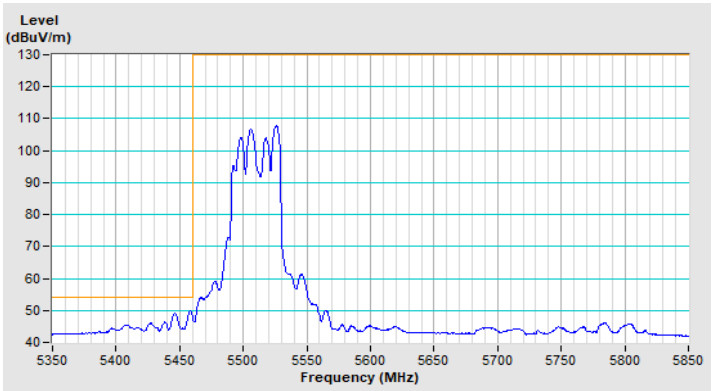
Horizontal (Peak)



Horizontal (Average)



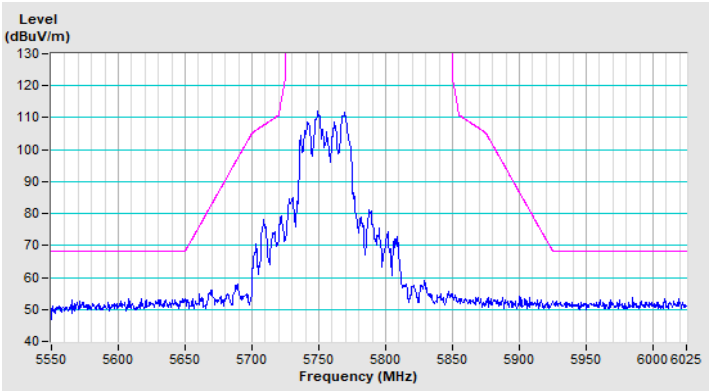
Vertical (Peak)



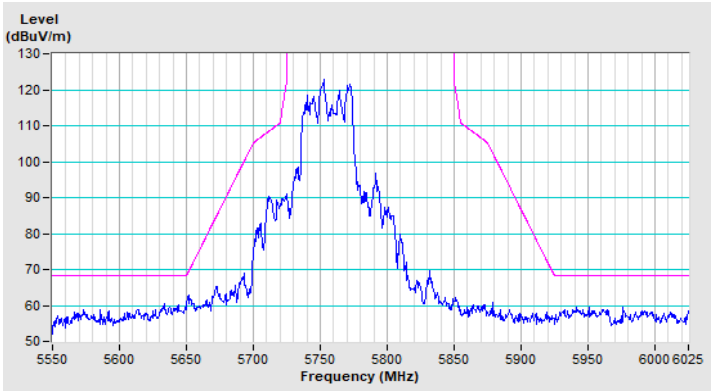
Vertical (Average)

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

802.11be (EHT40) Channel 151

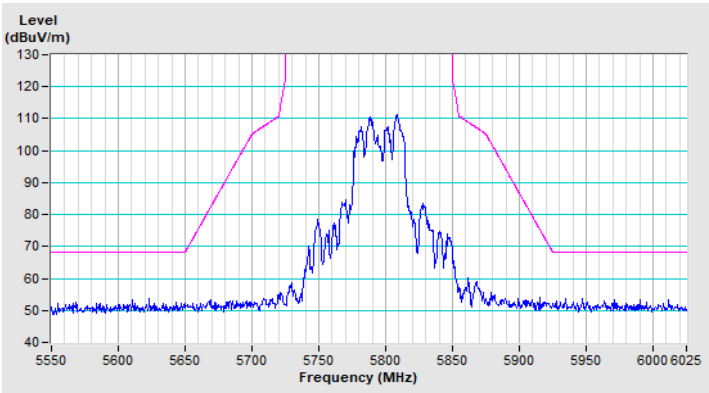


Horizontal (Peak)

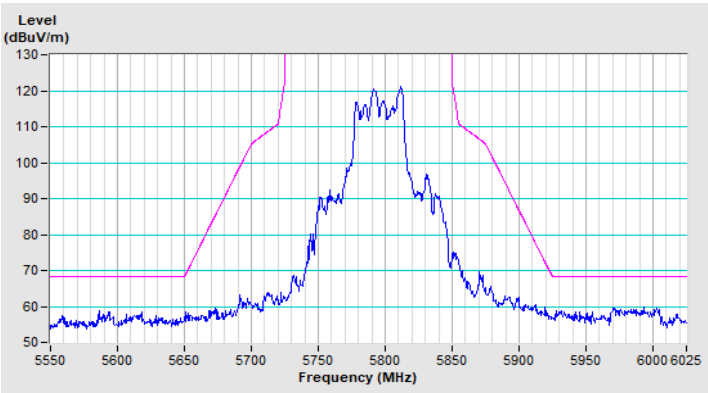


Vertical (Peak)

802.11be (EHT40) Channel 159



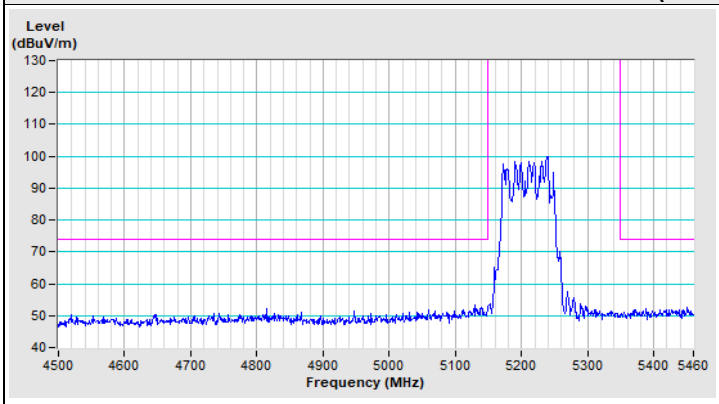
Horizontal (Peak)



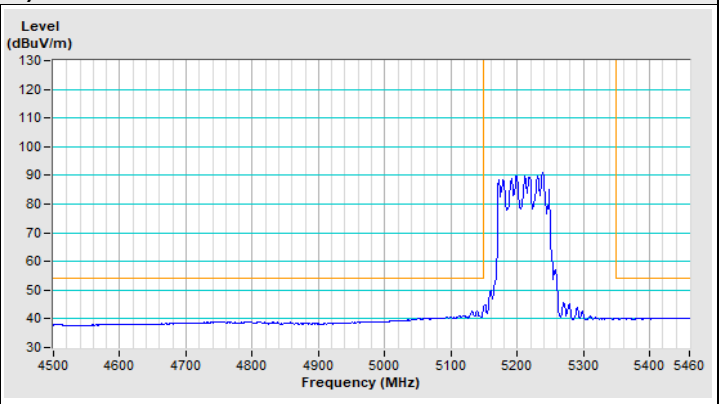
Vertical (Peak)

Frequency Range	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

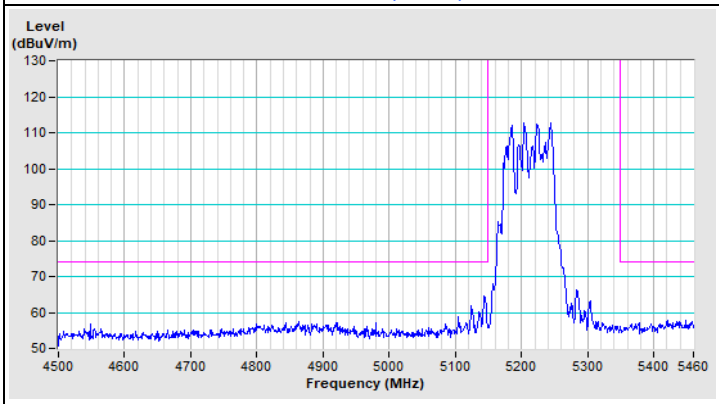
802.11be (EHT80) Channel 42



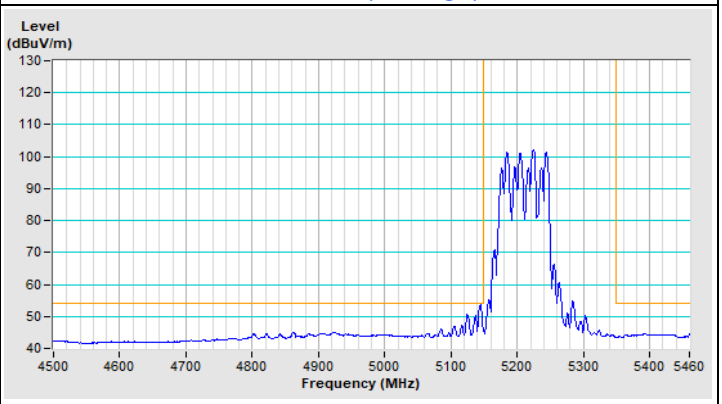
Horizontal (Peak)



Horizontal (Average)

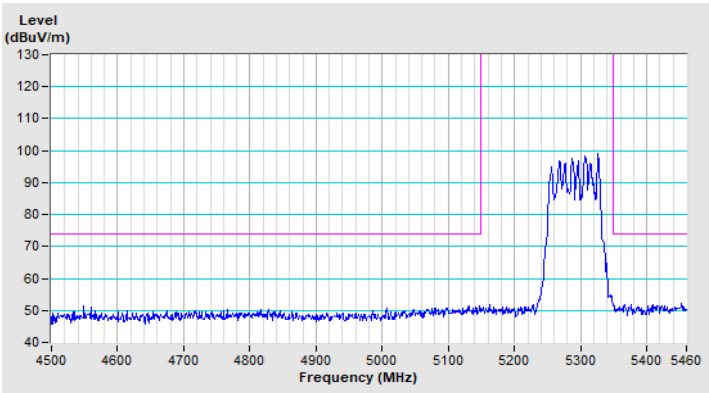


Vertical (Peak)

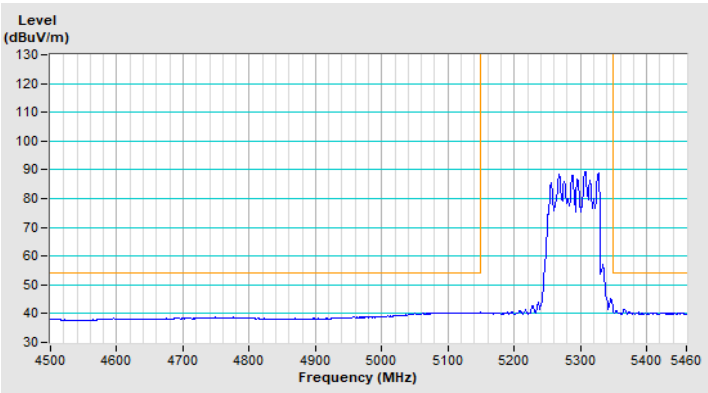


Vertical (Average)

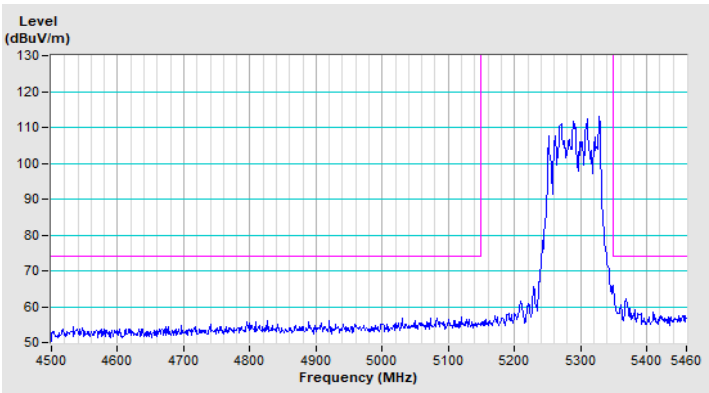
802.11be (EHT80) Channel 58



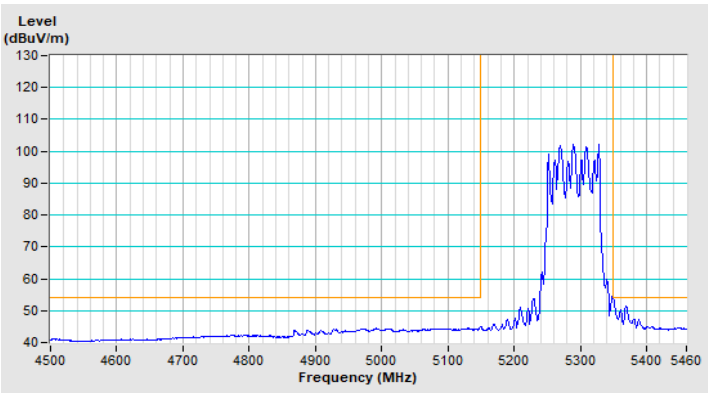
Horizontal (Peak)



Horizontal (Average)



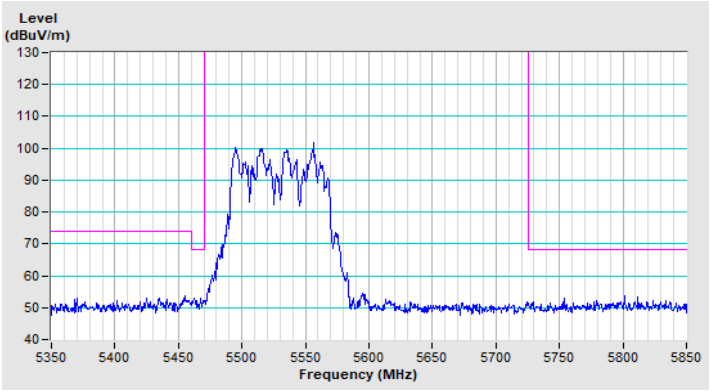
Vertical (Peak)



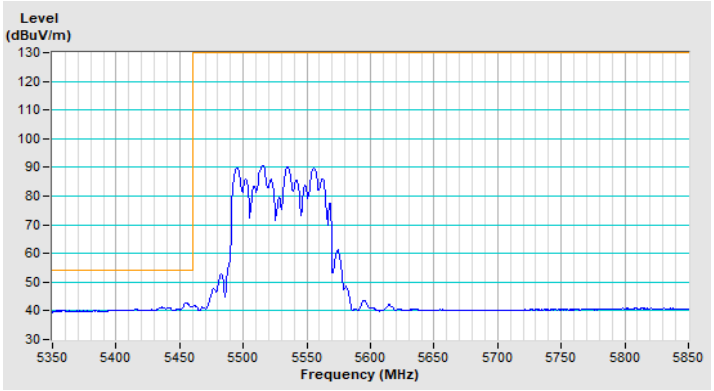
Vertical (Average)

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

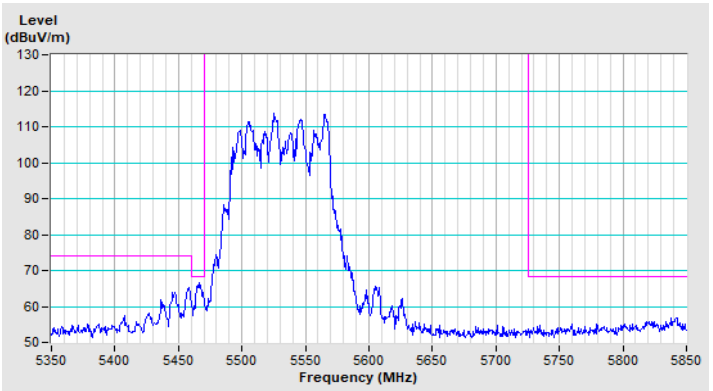
802.11be (EHT80) Channel 106



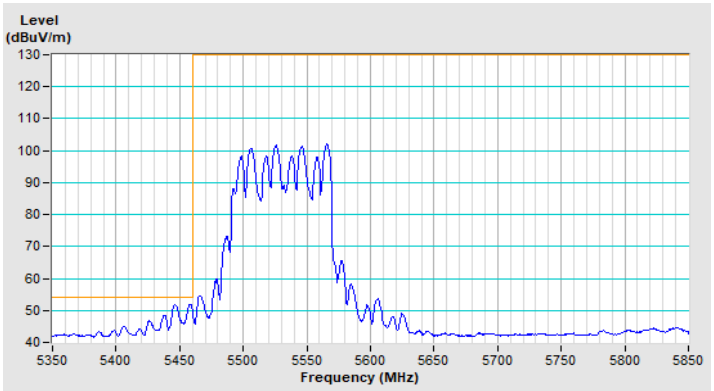
Horizontal (Peak)



Horizontal (Average)



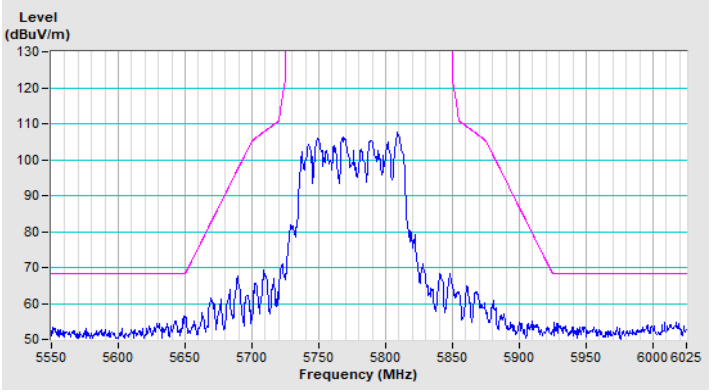
Vertical (Peak)



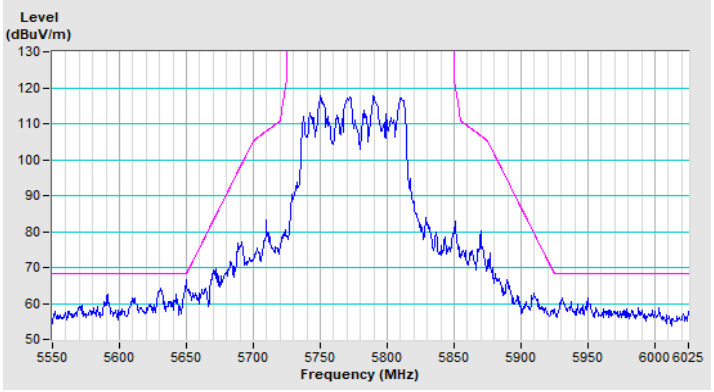
Vertical (Average)

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

802.11be (EHT80) Channel 155



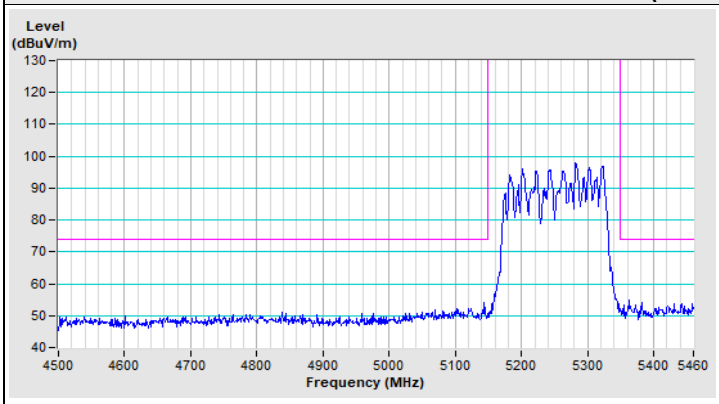
Horizontal (Peak)



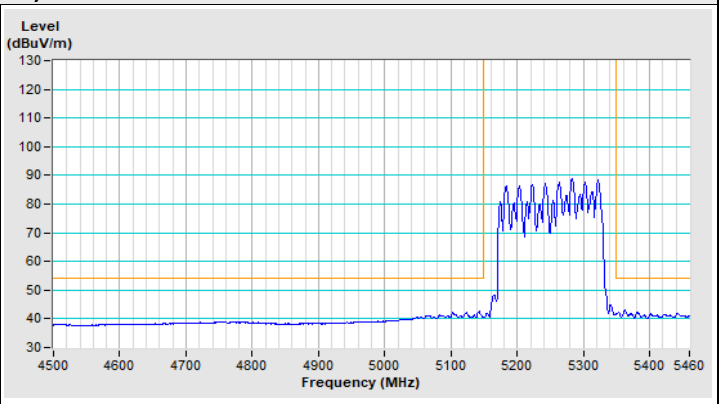
Vertical (Peak)

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

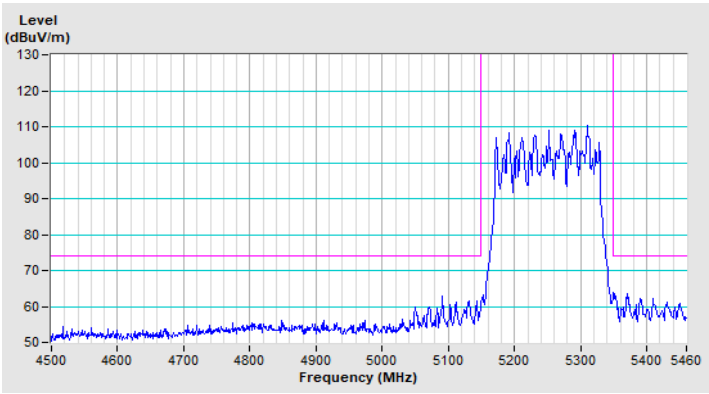
802.11be (EHT160) Channel 50



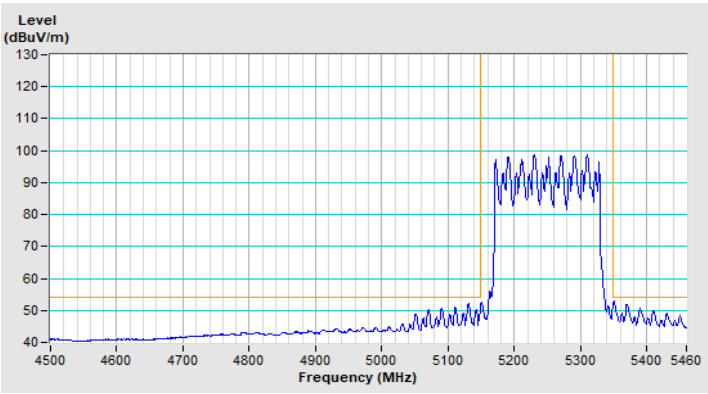
Horizontal (Peak)



Horizontal (Average)



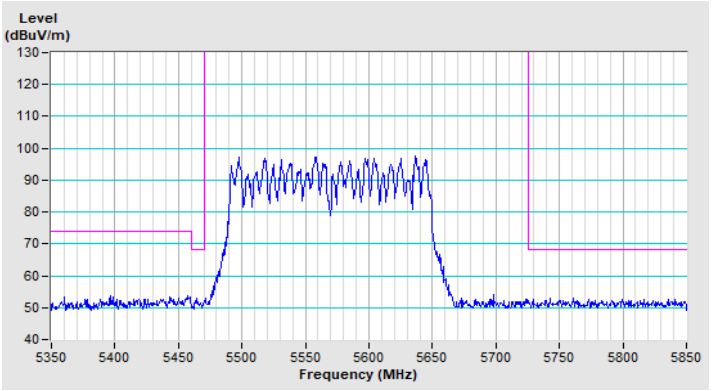
Vertical (Peak)



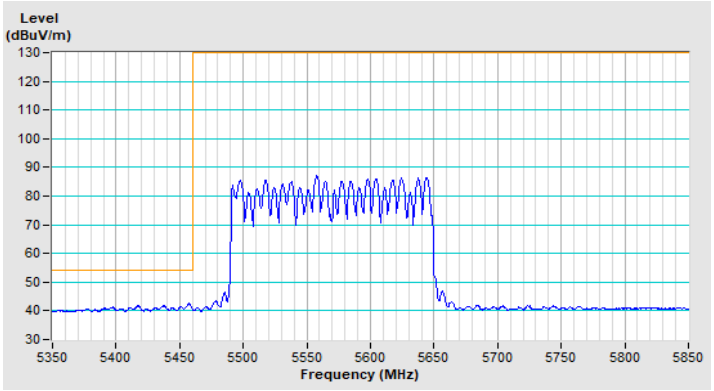
Vertical (Average)

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

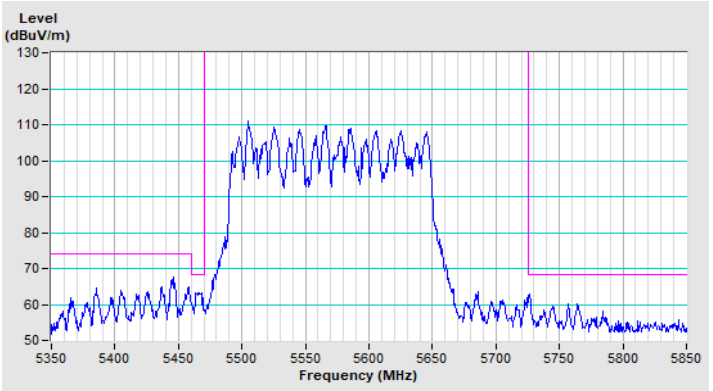
802.11be (EHT160) Channel 114



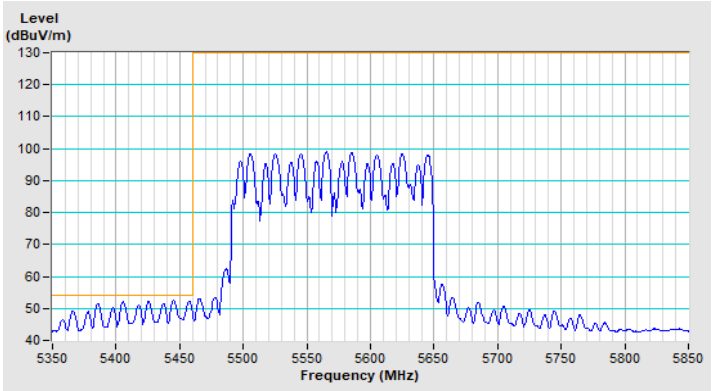
Horizontal (Peak)



Horizontal (Average)



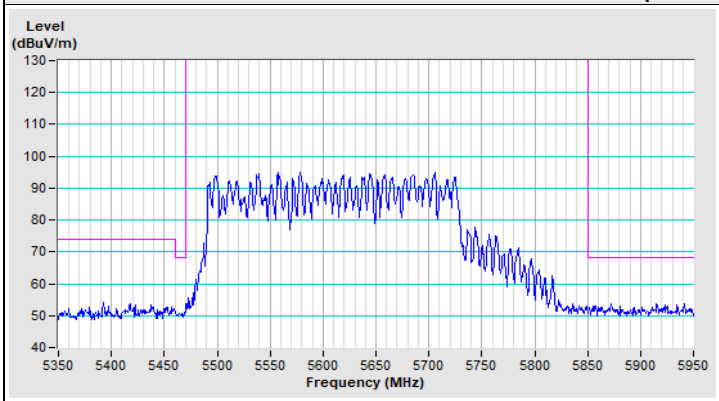
Vertical (Peak)



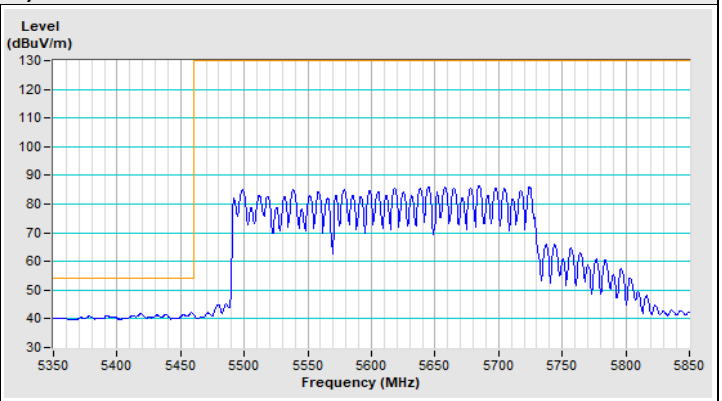
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

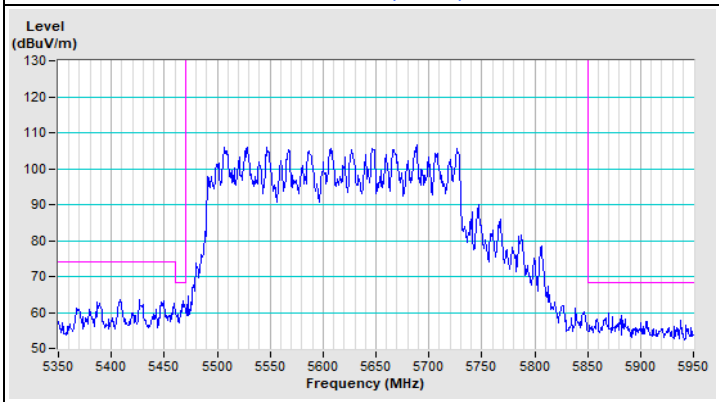
802.11be (EHT240) Channel 122



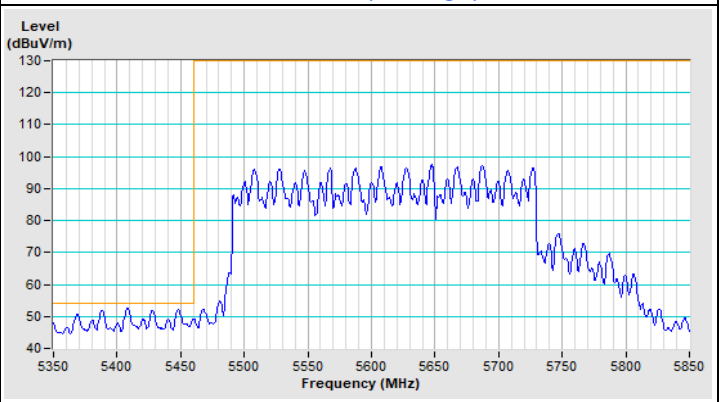
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



Vertical (Average)

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

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

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

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

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