

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)
Report No.: RFCVSF-WTW-P25090814
FCC ID: PKRISGM4010
Product: Wireless Hotspot
Brand: Inseego
Model No.: M4010
Received Date: 2025/11/17
Test Date: 2025/11/20 ~ 2025/12/3
Issued Date: 2026/1/12
Applicant: Inseego Corp.
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FCC Registration /
Designation Number: 788550 / TW0003

Approved by: _____

Jeremy Lin

Jeremy Lin / Project Engineer

, Date: _____

2026/1/12

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Prepared by : Vera Huang / Specialist



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Table of Contents

Release Control Record	4
1 Certificate.....	5
2 Summary of Test Results	6
2.1 Measurement Uncertainty	6
2.2 Supplementary Information	6
3 General Information	7
3.1 General Description.....	7
3.2 Antenna Description of EUT.....	8
3.3 Channel List.....	9
3.4 Test Mode Applicability and Tested Channel Detail.....	10
3.5 Duty Cycle of Test Signal.....	12
3.6 Test Program Used and Operation Descriptions	14
3.7 Connection Diagram of EUT and Peripheral Devices	14
3.8 Configuration of Peripheral Devices and Cable Connections	14
4 Test Instruments	15
4.1 RF Output Power.....	15
4.2 Power Spectral Density	15
4.3 6 dB Bandwidth	15
4.4 Conducted Out of Band Emissions	15
4.5 AC Power Conducted Emissions	16
4.6 Unwanted Emissions below 1 GHz	16
4.7 Unwanted Emissions above 1 GHz.....	17
5 Limits of Test Items.....	18
5.1 RF Output Power.....	18
5.2 Power Spectral Density	18
5.3 6 dB Bandwidth	18
5.4 Conducted Out of Band Emissions	18
5.5 AC Power Conducted Emissions	18
5.6 Unwanted Emissions below 1 GHz	19
5.7 Unwanted Emissions above 1 GHz.....	19
6 Test Arrangements.....	20
6.1 RF Output Power.....	20
6.1.1 Test Setup	20
6.1.2 Test Procedure.....	20
6.2 Power Spectral Density	20
6.2.1 Test Setup	20
6.2.2 Test Procedure.....	20
6.3 6 dB Bandwidth	21
6.3.1 Test Setup	21
6.3.2 Test Procedure.....	21
6.4 Conducted Out of Band Emissions	22
6.4.1 Test Setup	22
6.4.2 Test Procedure.....	22
6.5 AC Power Conducted Emissions	23
6.5.1 Test Setup	23
6.5.2 Test Procedure.....	23
6.6 Unwanted Emissions below 1 GHz	24
6.6.1 Test Setup	24
6.6.2 Test Procedure.....	25
6.7 Unwanted Emissions above 1 GHz.....	26
6.7.1 Test Setup	26
6.7.2 Test Procedure.....	26
7 Test Results of Test Item	27

7.1	RF Output Power.....	27
7.2	Power Spectral Density	43
7.3	6 dB Bandwidth	48
7.4	Conducted Out of Band Emissions	52
7.5	AC Power Conducted Emissions	63
7.6	Unwanted Emissions below 1 GHz	65
7.7	Unwanted Emissions above 1 GHz.....	67
8	Pictures of Test Arrangements	116
9	Information of the Testing Laboratories	117

Release Control Record

Issue No.	Description	Date Issued
RFCVSF-WTW-P25090814	Original Release	2026/1/12

1 Certificate

Product: Wireless Hotspot

Brand: Inseego

Test Model: M4010

Sample Status: Engineering sample

Applicant: Inseego Corp.

Test Date: 2025/11/20 ~ 2025/12/3

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)

Measurement ANSI C63.10-2020

procedure: KDB 558074 D01 15.247 Meas Guidance v05r02

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 C (Section 15.247)			
Standard / Clause	Test Item	Result	Remark
15.247(b)	RF Output Power	Pass	Meet the requirement of limit.
15.247(e)	Power Spectral Density	Pass	Meet the requirement of limit.
15.247(a)(2)	6 dB Bandwidth	Pass	Meet the requirement of limit.
15.247(d)	Conducted Out of Band Emissions	Pass	Meet the requirement of limit.
15.207	AC Power Conducted Emissions	Pass	Minimum passing margin is -10.63 dB at 0.45357 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -6.3 dB at 48.43 MHz and 746.83 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.2 dB at 2483.50 MHz
15.203	Antenna Requirement	Pass	Antenna connector is Contact spring not a standard connector.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

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) (±)
RF Output Power	-	1.371 dB
Power Spectral Density	-	1.017 dB
6 dB Bandwidth	-	206.5 Hz
Conducted Out of Band Emissions	9 kHz ~ 40 GHz	2.79 dB
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.90 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	2.44 dB
	30 MHz ~ 1 GHz	2.95 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	2.26 dB
	18 GHz ~ 40 GHz	1.94 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

Product	Wireless Hotspot
Brand	Inseego
Test Model	M4010
Market Model Name	M4000, M4040
Model Difference	Marketing purpose
Status of EUT	Engineering sample
Power Supply Rating	5 Vdc or 9 Vdc from adapter 3.85 Vdc from battery
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDMA in 11ax mode 4096QAM for OFDMA in 11be mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	Up to 573.5 Mbps
Operating Frequency	2.412 GHz ~ 2.462 GHz
Number of Channel	802.11b, 802.11g, 802.11n (HT20), 802.11ax (HE20), 802.11be (EHT20): 11 802.11n (HT40), 802.11ax (HE40), 802.11be (EHT40): 7
Resource Unit (RU)	Single RU: 26-tone, 52-tone, 106-tone, 242-tone, 484-tone Multi-RU (Small RU): 52-tone + 26-tone, 106-tone + 26-tone
Output Power	276.681 mW (24.42 dBm)

Note:

1. The EUT uses following accessories.

Item	Brand	Model	Specification	P/N
AC Adapter	SUNUN	P181	AC Input: 100-240 Vac, 50/60 Hz, 0.5 A max DC Output: 5 Vdc, 3 A; 9 Vdc, 2 A; 12 Vdc, 1.5 A	-
USB Cable	inseego	-	Signal Line: 1.0 m, shielded	CAB-60723090
Battery	inseego	754685	3.85 Vdc, 5050 mAh, 19.44 Wh	-

2. There are WLAN (2.4 GHz & 5 GHz) and WWAN technology used for the EUT.

3. Simultaneously transmission combination.

Combination	Technology	
1	WLAN 2.4 GHz	WWAN
2	WLAN 5 GHz	WWAN

4. The EUT support OFDMA and Partial RU mode, therefore partial RU combination were investigated and the worst case scenario was identified.

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

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna No.	Antenna Gain (dBi)	Frequency range	Antenna Type	Connector Type
0	1.92	2.4 GHz ~ 2.4835 GHz	PIFA	Contact spring
	1.94	5.15 GHz ~ 5.25 GHz	PIFA	Contact spring
	1.88	5.25 GHz ~ 5.35 GHz	PIFA	Contact spring
	1.85	5.47 GHz ~ 5.725 GHz	PIFA	Contact spring
	1.94	5.725 GHz ~ 5.85 GHz	PIFA	Contact spring
1	1.95	2.4 GHz ~ 2.4835 GHz	PIFA	Contact spring
	1.91	5.15 GHz ~ 5.25 GHz	PIFA	Contact spring
	1.94	5.25 GHz ~ 5.35 GHz	PIFA	Contact spring
	1.96	5.47 GHz ~ 5.725 GHz	PIFA	Contact spring
	1.96	5.725 GHz ~ 5.85 GHz	PIFA	Contact spring

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

2. The EUT incorporates a MIMO function:

2.4 GHz Band		
Modulation Mode	Tx & Rx Configuration	
802.11b	1TX (Diversity)	2RX
802.11g	1TX (Diversity)	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11be (EHT20)	2TX	2RX
802.11be (EHT40)	2TX	2RX
802.11ax (RU26/52/106/242/484)	2TX	2RX
802.11be (RU26/52/106/242/484 MRU52+26/106+26)	2TX	2RX

Note:

1. All of modulation mode support beamforming function except 802.11b/g 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), 802.11ax mode for 20 MHz (40 MHz) and 802.11be mode for 20 MHz (40 MHz). Therefore, the investigated worst case is the representative mode in test report.

3.3 Channel List

11 channels are provided for 802.11b, 802.11g, 802.11n (HT20), 802.11ax (HE20), 802.11be (EHT20):

Channel	Frequency	Channel	Frequency
1	2412 MHz	7	2442 MHz
2	2417 MHz	8	2447 MHz
3	2422 MHz	9	2452 MHz
4	2427 MHz	10	2457 MHz
5	2432 MHz	11	2462 MHz
6	2437 MHz		

7 channels are provided for 802.11n (HT40), 802.11ax (HE40), 802.11be (EHT40):

Channel	Frequency	Channel	Frequency
3	2422 MHz	7	2442 MHz
4	2427 MHz	8	2447 MHz
5	2432 MHz	9	2452 MHz
6	2437 MHz		

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT can be used in the following ways: X-axis / Y-axis / Z-axis. Pre-scan these ways and find the worst case as a representative test condition. 2. 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:	X-axis / Y-axis / Z-axis Worst Condition: 1TX: X-axis, 2TX: Y-axis

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

Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
RF Output Power	802.11b	1TX_Ant. 0 1TX_Ant. 1	1, 6, 11	DBPSK	1Mb/s	NA
	802.11g	1TX_Ant. 0 1TX_Ant. 1	1, 6, 11	BPSK	6Mb/s	NA
	802.11n (HT20)	2TX_CDD & Beamforming	1, 6, 11	BPSK	MCS0	NA
	802.11n (HT40)	2TX_CDD & Beamforming	3, 6, 9	BPSK	MCS0	NA
	802.11ax (HE20)	2TX_CDD & Beamforming	1, 6, 11	BPSK	MCS0	NA
	802.11ax (HE40)	2TX_CDD & Beamforming	3, 6, 9	BPSK	MCS0	NA
	802.11be (EHT20)	2TX_CDD & Beamforming	1, 6, 11	BPSK	MCS0	NA
	802.11be (EHT40)	2TX_CDD & Beamforming	3, 6, 9	BPSK	MCS0	NA
	802.11be (EHT20) 26-tone RU	2TX_CDD & Beamforming	1, 6, 11	BPSK	MCS0	0, 0, 8
	802.11be (EHT20) 52-tone RU	2TX_CDD & Beamforming	1, 6, 11	BPSK	MCS0	37, 37, 40
	802.11be (EHT20) 106-tone RU	2TX_CDD & Beamforming	1, 6, 11	BPSK	MCS0	53, 53, 54
	802.11be (EHT20) 52+26-tone MRU	2TX_CDD & Beamforming	1, 6, 11	BPSK	MCS0	70, 70, 72
	802.11be (EHT20) 106+26-tone MRU	2TX_CDD & Beamforming	1, 6, 11	BPSK	MCS0	82, 82, 83
	802.11b	1TX_Ant. 1	1, 6, 11	DBPSK	1Mb/s	NA
Power Spectral Density	802.11g	1TX_Ant. 1	1, 6, 11	BPSK	6Mb/s	NA
	802.11be (EHT20)	2TX_CDD	1, 6, 11	BPSK	MCS0	NA
	802.11be (EHT40)	2TX_CDD	3, 6, 9	BPSK	MCS0	NA
	802.11be (EHT20) 26-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	0, 0, 8
	802.11be (EHT20) 52-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	37, 37, 40
	802.11be (EHT20) 106-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	53, 53, 54
	802.11be (EHT20) 52+26-tone MRU	2TX_CDD	1, 6, 11	BPSK	MCS0	70, 70, 72
	802.11be (EHT20) 106+26-tone MRU	2TX_CDD	1, 6, 11	BPSK	MCS0	82, 82, 83

Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
6 dB Bandwidth	802.11b	1TX_Ant. 1	1, 6, 11	DBPSK	1Mb/s	NA
	802.11g	1TX_Ant. 1	1, 6, 11	BPSK	6Mb/s	NA
	802.11be (EHT20)	2TX_CDD	1, 6, 11	BPSK	MCS0	NA
	802.11be (EHT40)	2TX_CDD	3, 6, 9	BPSK	MCS0	NA
	802.11be (EHT20) 26-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	0, 0, 8
	802.11be (EHT20) 52-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	37, 37, 40
	802.11be (EHT20) 106-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	53, 53, 54
	802.11be (EHT20) 52+26-tone MRU	2TX_CDD	1, 6, 11	BPSK	MCS0	70, 70, 72
	802.11be (EHT20) 106+26-tone MRU	2TX_CDD	1, 6, 11	BPSK	MCS0	82, 82, 83
Conducted Out of Band Emissions	802.11b	1TX_Ant. 0	1, 6, 11	DBPSK	1Mb/s	NA
	802.11g	1TX_Ant. 0	1, 6, 11	BPSK	6Mb/s	NA
	802.11be (EHT20)	2TX_CDD	1, 6, 11	BPSK	MCS0	NA
	802.11be (EHT40)	2TX_CDD	3, 6, 9	BPSK	MCS0	NA
	802.11be (EHT20) 26-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	0, 0, 8
	802.11be (EHT20) 52-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	37, 37, 40
	802.11be (EHT20) 106-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	53, 53, 54
	802.11be (EHT20) 52+26-tone MRU	2TX_CDD	1, 6, 11	BPSK	MCS0	70, 70, 72
	802.11be (EHT20) 106+26-tone MRU	2TX_CDD	1, 6, 11	BPSK	MCS0	82, 82, 83
AC Power Conducted Emissions	802.11b	1TX_Ant. 1	1	DBPSK	1Mb/s	NA
Unwanted Emissions below 1 GHz	802.11b	1TX_Ant. 1	1	DBPSK	1Mb/s	NA
Unwanted Emissions above 1 GHz	802.11b	1TX_Ant. 1	1, 6, 11	DBPSK	1Mb/s	NA
	802.11g	1TX_Ant. 1	1, 6, 11	BPSK	6Mb/s	NA
	802.11be (EHT20)	2TX_CDD	1, 6, 11	BPSK	MCS0	NA
	802.11be (EHT40)	2TX_CDD	3, 6, 9	BPSK	MCS0	NA
	802.11be (EHT20) 26-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	0, 0, 8
	802.11be (EHT20) 52-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	37, 37, 40
	802.11be (EHT20) 106-tone RU	2TX_CDD	1, 6, 11	BPSK	MCS0	53, 53, 54
	802.11be (EHT20) 106+26-tone MRU	2TX_CDD	1, 6, 11	BPSK	MCS0	82, 82, 83
	802.11be (EHT20) 52+26-tone MRU	2TX_CDD	1, 6, 11	BPSK	MCS0	70, 70, 72

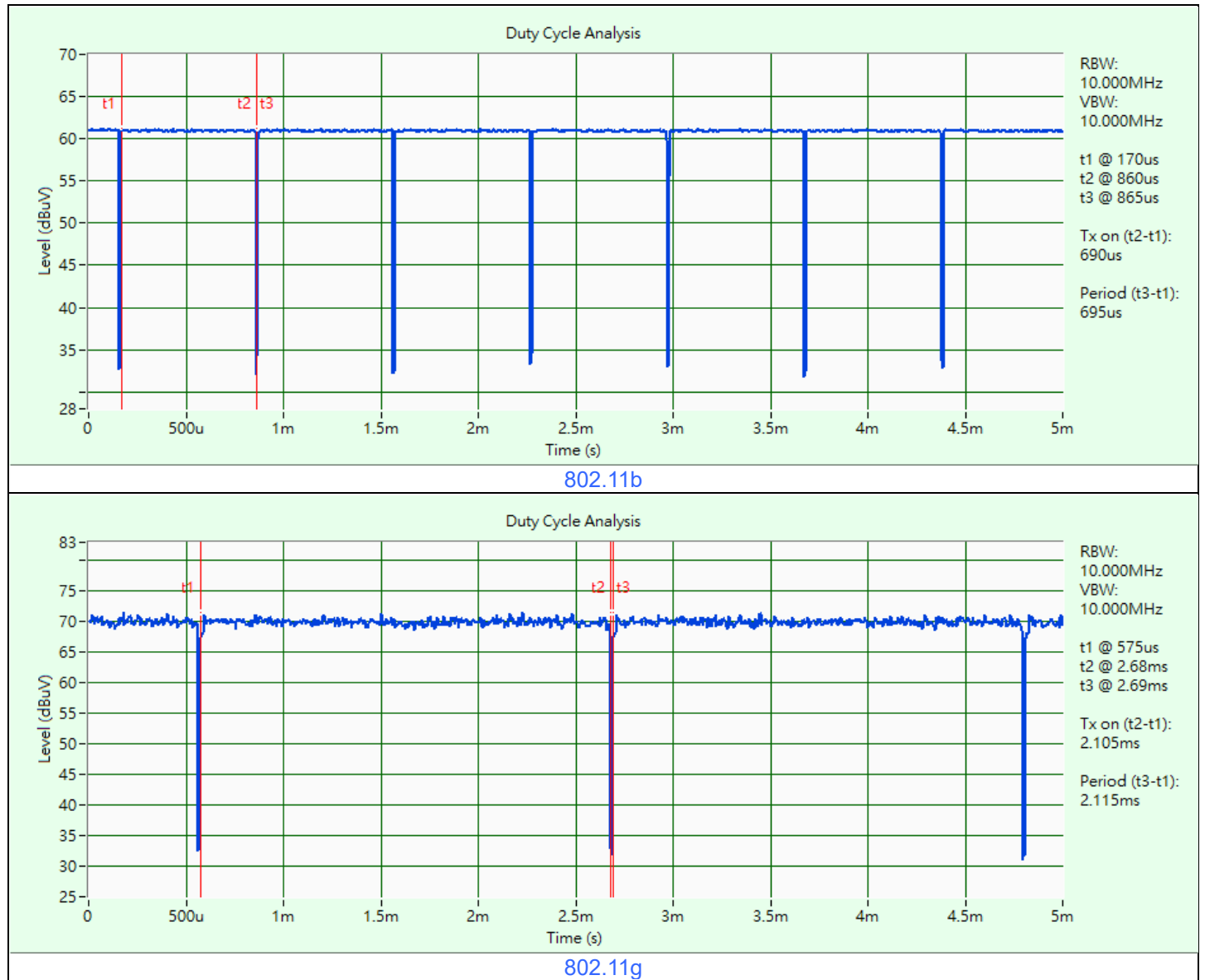
3.5 Duty Cycle of Test Signal

802.11b: Duty cycle = 0.69 ms / 0.695 ms x 100% = 99.3%

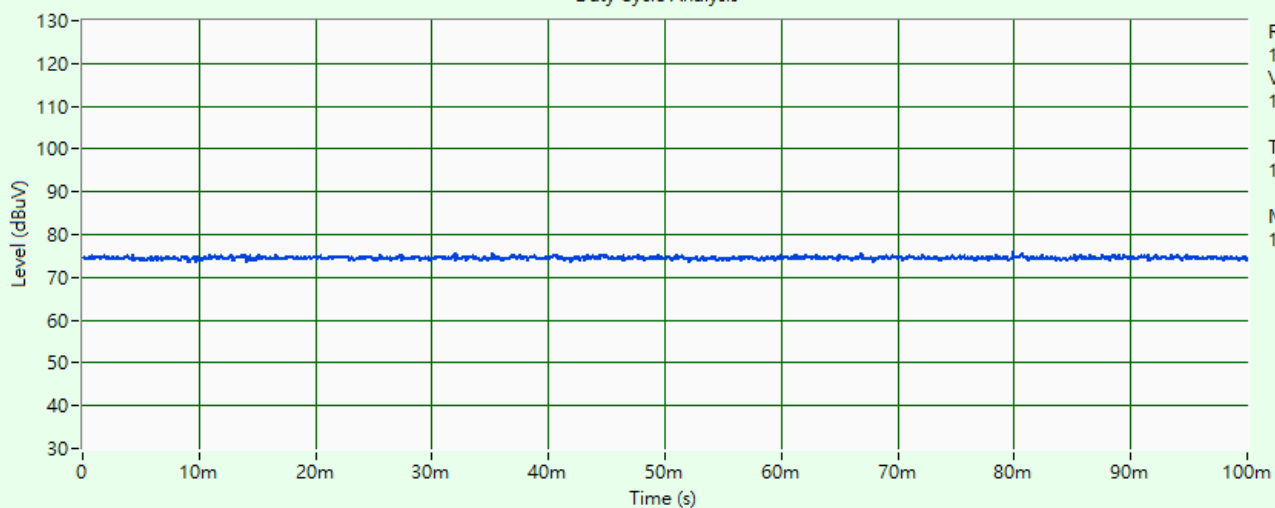
802.11g: Duty cycle = 2.105 ms / 2.115 ms x 100% = 99.5%

802.11be (EHT20): Duty cycle = 100 ms / 100 ms x 100% = 100.0%

802.11be (EHT40): Duty cycle = 100 ms / 100 ms x 100% = 100.0%

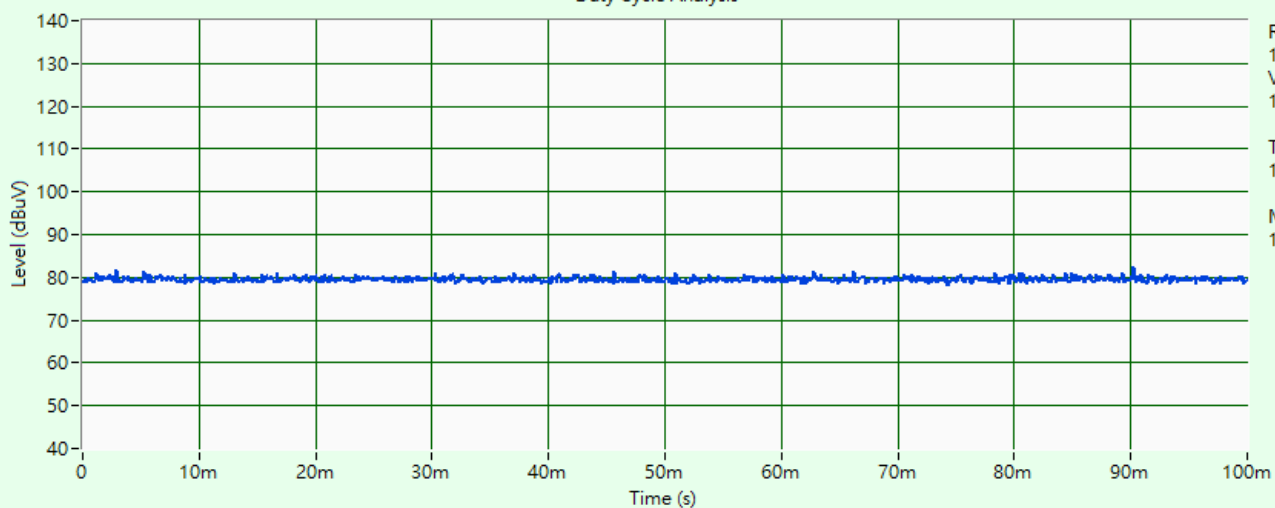


Duty Cycle Analysis



802.11be (EHT20)

Duty Cycle Analysis

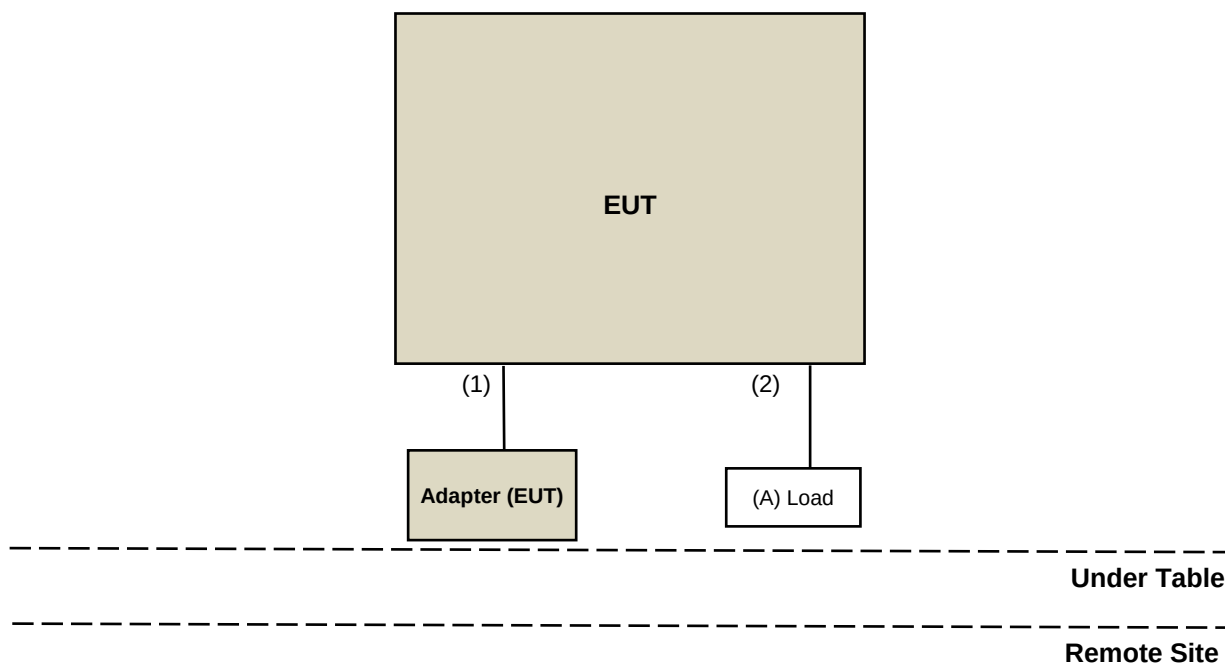


802.11be (EHT40)

3.6 Test Program Used and Operation Descriptions

Controlling software QRCT4.0 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	Load	N/A	N/A	N/A	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	USB Cable	1	1	Yes	0	Accessory of EUT
2	RJ45 Cable	1	1.5	No	0	Provided by Lab

4 Test Instruments

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

4.1 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
Peak Power Analyzer Keysight	8990B	MY51000485	2025/1/20	2026/1/19
Wideband Power Sensor Keysight	N1923A	MY58020002	2025/1/21	2026/1/20
		MY58140009	2025/1/21	2026/1/20

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/11/21

4.2 Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
Signal & Spectrum Analyzer R&S	FSV3044	101504	2025/6/18	2026/6/17
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/11/21

4.3 6 dB Bandwidth

Refer to section 4.2 to get the tested date and information of the instruments.

4.4 Conducted Out of Band Emissions

Refer to section 4.2 to get the tested date and information of the instruments.

4.5 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance	E1-011279	04	2024/11/28	2025/11/27
	E1-011280	05	2024/11/28	2025/11/27
	E1-011311	09	2024/11/28	2025/11/27
Diode Pulse Limiter Schwarzbeck	VTSD 9561 F-N	01617	2025/8/23	2026/8/22
EMI Test Receiver R&S	ESR3	102783	2024/12/17	2025/12/16
LISN R&S	ESH2-Z5	100100	2025/3/5	2026/3/4
	ESH3-Z5	100312	2025/8/29	2026/8/28
RF Coaxial Cable Woken	5D-FB	Cable-cond2-01	2025/8/23	2026/8/22
Software BVADT	BVADT_Cond_ V7.4.1.0	N/A	N/A	N/A
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2025/8/27	2026/8/26

Notes:

1. The test was performed in HY - Conduction 2.
2. Tested Date: 2025/11/25

4.6 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-472	2025/9/16	2026/9/15
Loop Antenna TESEQ	HLA 6121	45745	2025/9/1	2026/8/31
MXE EMI Receiver Agilent	N9038A	MY51210203	2025/8/27	2026/8/26
Preamplifier EMCI	EMC 330H	980112	2025/9/21	2026/9/20
	EMC001340	980201	2025/9/21	2026/9/20
RF Coaxial Cable Woken	8D-FB	Cable-Ch10-01	2025/9/21	2026/9/20
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2025/12/1

4.7 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	7	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-969	2025/11/9	2026/11/8
	BBHA 9170	148	2025/11/9	2026/11/8
MXE EMI Receiver Agilent	N9038A	MY51210203	2025/8/27	2026/8/26
Preamplifier EMCI	EMC 184045	980116	2025/9/21	2026/9/20
	EMC118A45SE	980809	2025/4/24	2026/4/23
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2025/6/30	2026/6/29
	EMC102-KM-KM-3000	150929	2025/6/30	2026/6/29
	EMC104-SM-SM- 8000+3000	171005	2025/9/21	2026/9/20
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	EMC104-SM-SM- 1000(140807)	2025/9/21	2026/9/20
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2025/11/20 ~ 2025/12/3

5 Limits of Test Items

5.1 RF Output Power

For systems using digital modulation in the 2400-2483.5 MHz bands: 1 Watt (30 dBm)

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.

5.2 Power Spectral Density

The Maximum of Power Spectral Density Measurement is 8 dBm in any 3 kHz.

5.3 6 dB Bandwidth

The minimum of 6 dB Bandwidth Measurement is 0.5 MHz.

5.4 Conducted Out of Band Emissions

Below 20 dB of the highest emission level of operating band (in 100 kHz Resolution Bandwidth).

5.5 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.

5.6 Unwanted Emissions below 1 GHz

Radiated emissions up to 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

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).

5.7 Unwanted Emissions above 1 GHz

Radiated emissions above 1 GHz which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

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

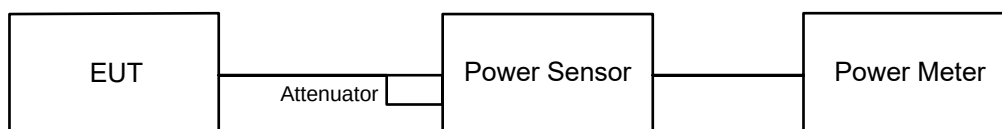
Notes:

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.

6 Test Arrangements

6.1 RF Output Power

6.1.1 Test Setup



6.1.2 Test Procedure

Peak Power:

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

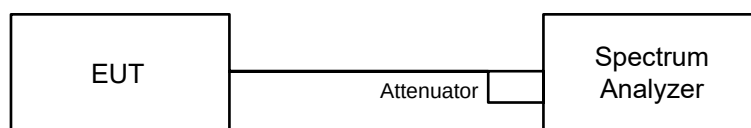
The power meter video bandwidth is greater than or equal to the DTS bandwidth and use a fast responding diode detector.

Average Power:

Average power sensor was 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. Duty factor is not added to measured value.

6.2 Power Spectral Density

6.2.1 Test Setup

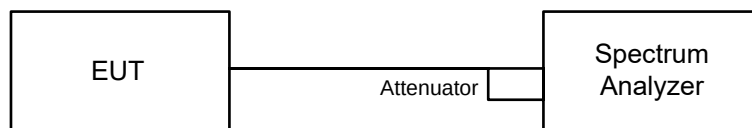


6.2.2 Test Procedure

- Set analyzer center frequency to DTS channel center frequency.
- Set the span > 1.5 times the DTS bandwidth.
- Set the RBW to: 3 kHz.
- Set the VBW $\geq 3 \times$ RBW.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level within the RBW.

6.3 6 dB Bandwidth

6.3.1 Test Setup

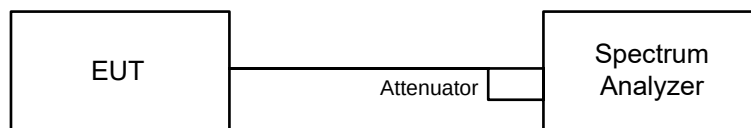


6.3.2 Test Procedure

- a. Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
- b. Set the VBW $\geq [3 \times \text{RBW}]$.
- c. Detector = peak.
- d. Trace mode = max-hold.
- e. Sweep = No faster than coupled (auto) time.
- f. Allow the trace to stabilize.
- g. Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value.

6.4 Conducted Out of Band Emissions

6.4.1 Test Setup



6.4.2 Test Procedure

MEASUREMENT PROCEDURE REF

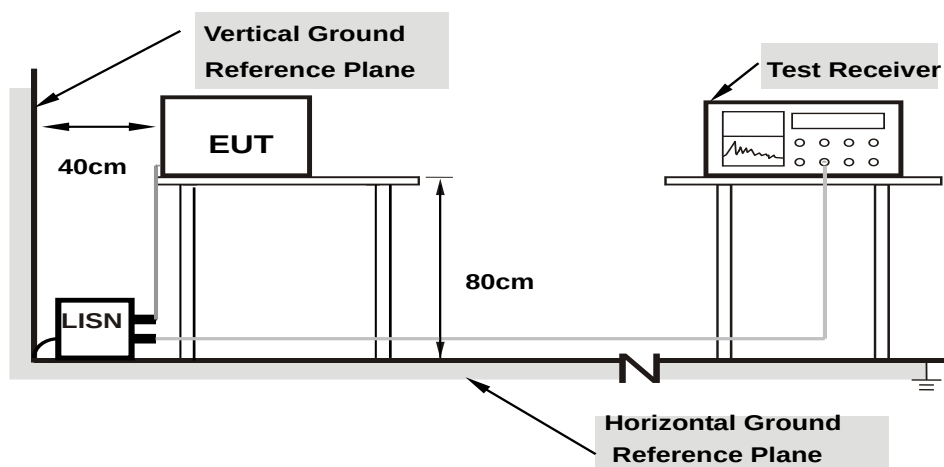
- Set instrument center frequency to DTS channel center frequency.
- Set the span to ≥ 1.5 times the DTS bandwidth.
- Set the RBW = 100 kHz.
- Set the VBW ≥ 300 kHz.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum PSD level.

MEASUREMENT PROCEDURE OOB

- Set the center frequency and span to encompass frequency range to be measured. Note that the frequency range might need to be divided into multiple frequency ranges to retain frequency resolution.
- Set RBW = 100 kHz.
- Set VBW ≥ 300 kHz.
- Detector = peak.
- Sweep = No faster than coupled (auto) time.
- Trace Mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

6.5 AC Power Conducted Emissions

6.5.1 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).

6.5.2 Test Procedure

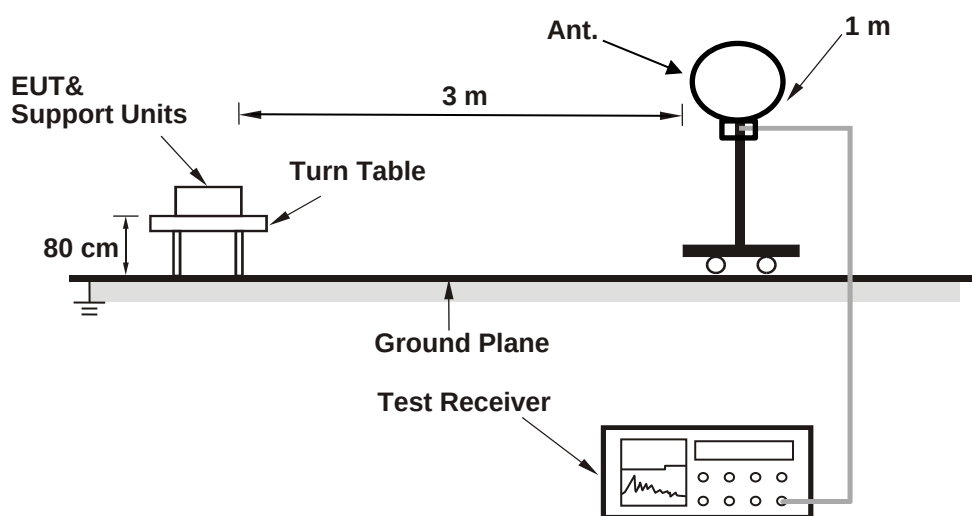
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

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

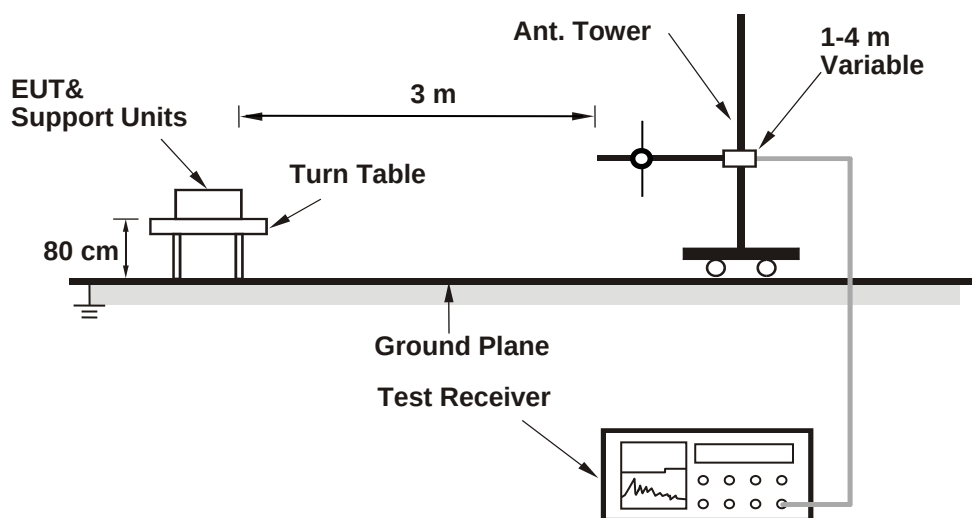
6.6 Unwanted Emissions below 1 GHz

6.6.1 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).

6.6.2 Test Procedure

For Radiated emission below 30 MHz

- 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.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- 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.
- 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:

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

For Radiated emission above 30 MHz

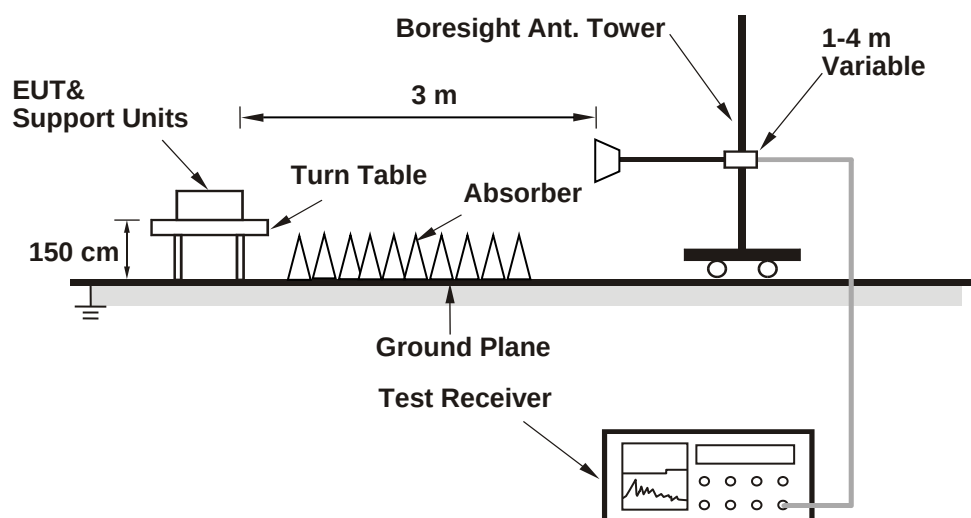
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top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

Notes:

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

6.7 Unwanted Emissions above 1 GHz

6.7.1 Test Setup



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

6.7.2 Test Procedure

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

Notes:

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

7 Test Results of Test Item

7.1 RF Output Power

Environmental Conditions:	25°C, 60% RH	Tested By:	Tim Chen
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Peak Power

1TX_Ant. 0

802.11b

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	133.968	21.27	30	Pass
6	2437	132.739	21.23	30	Pass
11	2462	134.586	21.29	30	Pass

Note: The antenna gain is 1.92 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11g

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	132.13	21.21	30	Pass
6	2437	130.918	21.17	30	Pass
11	2462	132.739	21.23	30	Pass

Note: The antenna gain is 1.92 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

1TX_Ant. 1

802.11b

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	153.462	21.86	30	Pass
6	2437	151.356	21.80	30	Pass
11	2462	150.661	21.78	30	Pass

Note: The antenna gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11g

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	156.675	21.95	30	Pass
6	2437	154.882	21.90	30	Pass
11	2462	155.955	21.93	30	Pass

Note: The antenna gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

2TX

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.00	21.15	256.209	24.09	30	Pass
6	2437	21.08	21.11	257.355	24.11	30	Pass
11	2462	21.03	21.08	254.998	24.07	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	19.10	19.49	170.203	22.31	30	Pass
6	2437	21.08	21.41	266.59	24.26	30	Pass
9	2452	21.65	20.94	270.383	24.32	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.14	21.19	261.539	24.18	30	Pass
6	2437	21.12	21.16	260.037	24.15	30	Pass
11	2462	21.07	21.13	257.656	24.11	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	19.15	19.53	171.967	22.35	30	Pass
6	2437	21.13	21.47	269.999	24.31	30	Pass
9	2452	21.72	21.01	274.776	24.39	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.17	21.22	263.352	24.21	30	Pass
6	2437	21.15	21.20	262.142	24.19	30	Pass
11	2462	21.11	21.15	259.439	24.14	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	19.19	19.56	173.35	22.39	30	Pass
6	2437	21.10	21.37	265.913	24.25	30	Pass
9	2452	21.75	21.04	276.681	24.42	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.09	21.15	258.845	24.13	30	Pass
6	2437	21.06	21.13	257.362	24.11	30	Pass
11	2462	21.03	21.06	254.409	24.06	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.11	21.17	260.04	24.15	30	Pass
6	2437	21.09	21.15	258.845	24.13	30	Pass
11	2462	21.06	21.09	256.173	24.09	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.14	21.19	261.539	24.18	30	Pass
6	2437	21.13	21.18	260.938	24.17	30	Pass
11	2462	21.08	21.12	257.653	24.11	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.14	21.19	261.539	24.18	30	Pass
6	2437	21.11	21.17	260.04	24.15	30	Pass
11	2462	21.09	21.12	257.948	24.12	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.14	21.19	261.539	24.18	30	Pass
6	2437	21.12	21.17	260.338	24.16	30	Pass
11	2462	21.07	21.11	257.06	24.10	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11n (HT20) Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.00	21.15	256.209	24.09	30	Pass
6	2437	21.08	21.11	257.355	24.11	30	Pass
11	2462	21.03	21.08	254.998	24.07	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0/20}} + 10^{\text{Chain1/20}})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11n (HT40) Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	19.10	19.49	170.203	22.31	30	Pass
6	2437	21.08	21.41	266.59	24.26	30	Pass
9	2452	21.65	20.94	270.383	24.32	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0/20}} + 10^{\text{Chain1/20}})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.14	21.19	261.539	24.18	30	Pass
6	2437	21.12	21.16	260.037	24.15	30	Pass
11	2462	21.07	21.13	257.656	24.11	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0/20}} + 10^{\text{Chain1/20}})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40) Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	19.15	19.53	171.967	22.35	30	Pass
6	2437	21.13	21.47	269.999	24.31	30	Pass
9	2452	21.72	21.01	274.776	24.39	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0/20}} + 10^{\text{Chain1/20}})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.17	21.22	263.352	24.21	30	Pass
6	2437	21.15	21.20	262.142	24.19	30	Pass
11	2462	21.11	21.15	259.439	24.14	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT40) Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
3	2422	19.19	19.56	173.35	22.39	30	Pass
6	2437	21.10	21.37	265.913	24.25	30	Pass
9	2452	21.75	21.04	276.681	24.42	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 26-tone RU Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.09	21.15	258.845	24.13	30	Pass
6	2437	21.06	21.13	257.362	24.11	30	Pass
11	2462	21.03	21.06	254.409	24.06	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 52-tone RU Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.11	21.17	260.04	24.15	30	Pass
6	2437	21.09	21.15	258.845	24.13	30	Pass
11	2462	21.06	21.09	256.173	24.09	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 106-tone RU Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.14	21.19	261.539	24.18	30	Pass
6	2437	21.13	21.18	260.938	24.17	30	Pass
11	2462	21.08	21.12	257.653	24.11	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 52+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.14	21.19	261.539	24.18	30	Pass
6	2437	21.11	21.17	260.04	24.15	30	Pass
11	2462	21.09	21.12	257.948	24.12	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 106+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
1	2412	21.14	21.19	261.539	24.18	30	Pass
6	2437	21.12	21.17	260.338	24.16	30	Pass
11	2462	21.07	21.11	257.06	24.10	30	Pass

Notes:

1. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
2. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

Average Power

1TX_Ant. 0

802.11b

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	77.446	18.89
6	2437	76.033	18.81
11	2462	75.683	18.79

802.11g

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	29.923	14.76
6	2437	29.717	14.73
11	2462	30.061	14.78

1TX_Ant. 1

802.11b

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	76.913	18.86
6	2437	76.736	18.85
11	2462	75.336	18.77

802.11g

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	31.405	14.97
6	2437	31.046	14.92
11	2462	31.261	14.95

2TX

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.55	14.73	58.227	17.65
6	2437	14.51	14.70	57.761	17.62
11	2462	14.46	14.68	57.302	17.58

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	12.50	12.84	37.014	15.68
6	2437	14.45	14.83	58.27	17.65
9	2452	13.94	14.38	52.19	17.18

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.60	14.78	58.901	17.70
6	2437	14.56	14.76	58.499	17.67
11	2462	14.51	14.72	57.897	17.63

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	12.53	12.91	37.449	15.73
6	2437	14.50	14.88	58.945	17.70
9	2452	14.00	14.43	52.852	17.23

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.62	14.81	59.243	17.73
6	2437	14.59	14.79	58.904	17.70
11	2462	14.55	14.76	58.433	17.67

802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	12.58	12.94	37.792	15.77
6	2437	14.62	14.96	60.306	17.80
9	2452	14.05	14.45	53.271	17.26

802.11be (EHT20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.55	14.73	58.227	17.65
6	2437	14.51	14.70	57.761	17.62
11	2462	14.48	14.68	57.431	17.59

802.11be (EHT20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.58	14.75	58.562	17.68
6	2437	14.53	14.72	58.028	17.64
11	2462	14.51	14.71	57.829	17.62

802.11be (EHT20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.60	14.77	58.832	17.70
6	2437	14.56	14.75	58.43	17.67
11	2462	14.53	14.73	58.096	17.64

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.60	14.79	58.97	17.71
6	2437	14.57	14.76	58.564	17.68
11	2462	14.53	14.73	58.096	17.64

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.59	14.78	58.835	17.70
6	2437	14.57	14.75	58.496	17.67
11	2462	14.52	14.72	57.962	17.63

802.11n (HT20) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.55	14.73	58.227	17.65
6	2437	14.51	14.70	57.761	17.62
11	2462	14.46	14.68	57.302	17.58

802.11n (HT40) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	12.50	12.84	37.014	15.68
6	2437	14.45	14.83	58.27	17.65
9	2452	13.94	14.38	52.19	17.18

802.11ax (HE20) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.60	14.78	58.901	17.70
6	2437	14.56	14.76	58.499	17.67
11	2462	14.51	14.72	57.897	17.63

802.11ax (HE40) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	12.53	12.91	37.449	15.73
6	2437	14.50	14.88	58.945	17.70
9	2452	14.00	14.43	52.852	17.23

802.11be (EHT20) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.62	14.81	59.243	17.73
6	2437	14.59	14.79	58.904	17.70
11	2462	14.55	14.76	58.433	17.67

802.11be (EHT40) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	12.58	12.94	37.792	15.77
6	2437	14.62	14.96	60.306	17.80
9	2452	14.05	14.45	53.271	17.26

802.11be (EHT20) 26-tone RU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.55	14.73	58.227	17.65
6	2437	14.51	14.70	57.761	17.62
11	2462	14.48	14.68	57.431	17.59

802.11be (EHT20) 52-tone RU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.58	14.75	58.562	17.68
6	2437	14.53	14.72	58.028	17.64
11	2462	14.51	14.71	57.829	17.62

802.11be (EHT20) 106-tone RU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.60	14.77	58.832	17.70
6	2437	14.56	14.75	58.43	17.67
11	2462	14.53	14.73	58.096	17.64

802.11be (EHT20) 52+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.60	14.79	58.97	17.71
6	2437	14.57	14.76	58.564	17.68
11	2462	14.53	14.73	58.096	17.64

802.11be (EHT20) 106+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.59	14.78	58.835	17.70
6	2437	14.57	14.75	58.496	17.67
11	2462	14.52	14.72	57.962	17.63

7.2 Power Spectral Density

Environmental Conditions:	25°C, 60% RH	Tested By:	Tim Chen
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1TX_Ant. 1

802.11b

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-2.92	8	Pass
6	2437	-3.36	8	Pass
11	2462	-4.22	8	Pass

Note: The antenna gain is 1.95 dBi <= 6 dBi, so the power density limit shall not be reduced.

802.11g

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-7.82	8	Pass
6	2437	-7.90	8	Pass
11	2462	-8.17	8	Pass

Note: The antenna gain is 1.95 dBi <= 6 dBi, so the power density limit shall not be reduced.

2TX

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2412	-10.69	-10.36	-7.51	8	Pass
6	2437	-10.83	-10.77	-7.79	8	Pass
11	2462	-10.48	-10.15	-7.30	8	Pass

Notes:

- Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- The directional gain is 4.95 dBi <= 6 dBi, so the power density limit shall not be reduced.

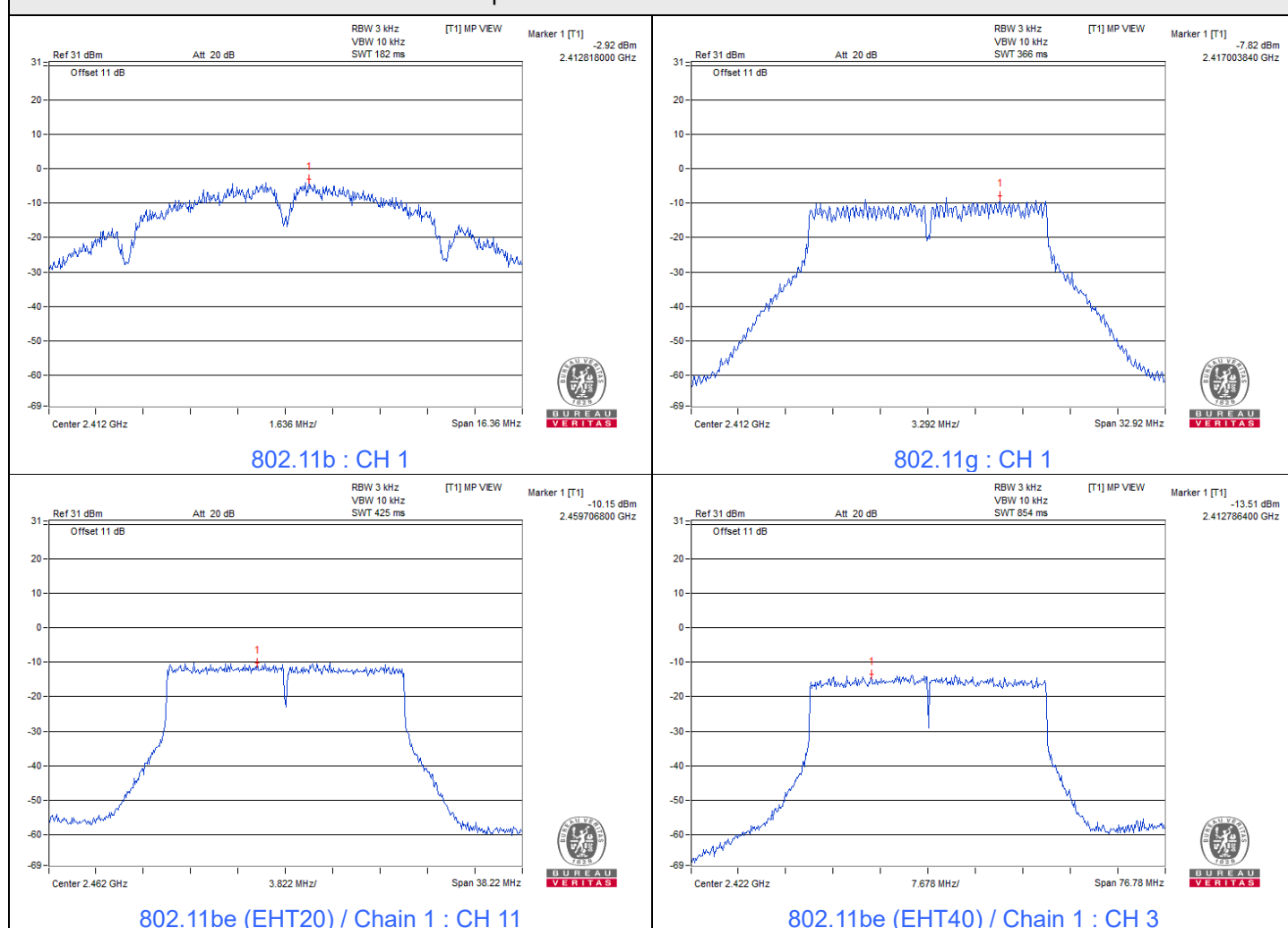
802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
3	2422	-14.48	-13.51	-10.96	8	Pass
6	2437	-15.58	-13.79	-11.58	8	Pass
9	2452	-14.69	-13.54	-11.07	8	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

Spectrum Plot of Maximum Value



802.11be (EHT20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2412	-2.17	-0.90	1.52	8	Pass
6	2437	-2.30	-1.24	1.27	8	Pass
11	2462	-1.52	-0.25	2.17	8	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

802.11be (EHT20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2412	-3.90	-3.13	-0.49	8	Pass
6	2437	-4.19	-3.75	-0.95	8	Pass
11	2462	-2.81	-2.63	0.29	8	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

802.11be (EHT20) 106-tone RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2412	-6.90	-6.16	-3.50	8	Pass
6	2437	-6.89	-6.71	-3.79	8	Pass
11	2462	-6.31	-6.05	-3.17	8	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2412	-5.86	-5.11	-2.46	8	Pass
6	2437	-6.06	-5.35	-2.68	8	Pass
11	2462	-5.57	-5.05	-2.29	8	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

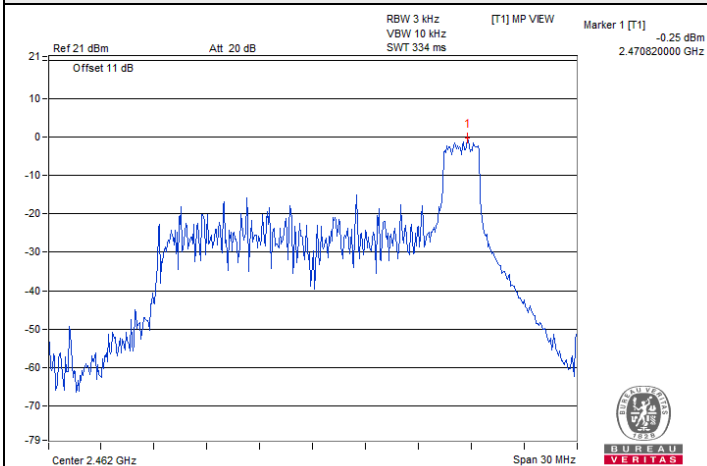
802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2412	-8.24	-7.38	-4.78	8	Pass
6	2437	-8.51	-7.77	-5.11	8	Pass
11	2462	-7.84	-7.16	-4.48	8	Pass

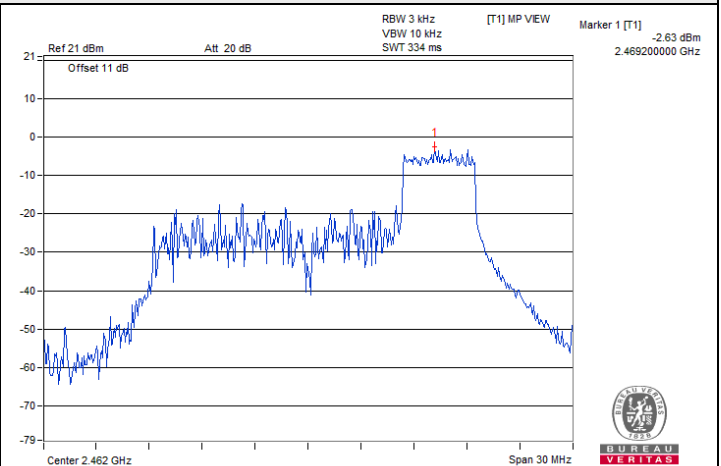
Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. The directional gain is 4.95 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

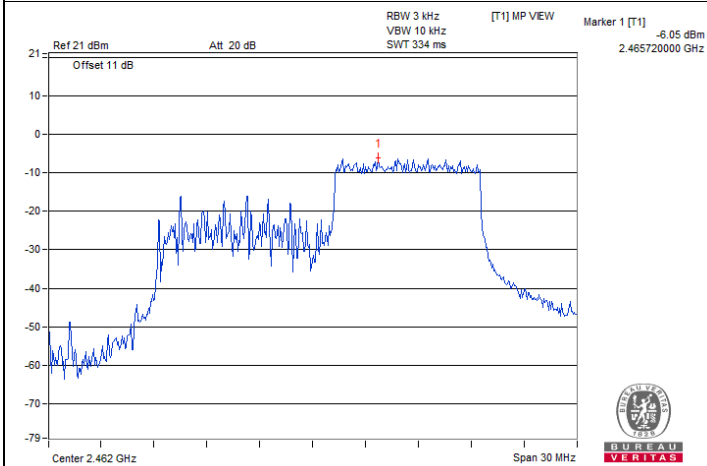
Spectrum Plot of Maximum Value



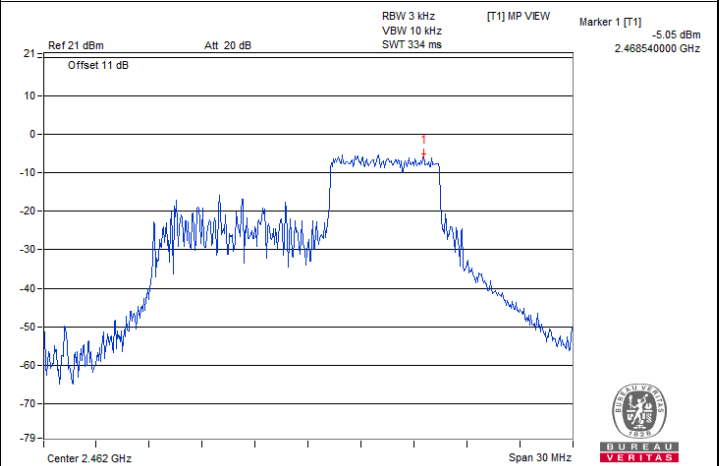
802.11be (EHT20) 26-tone RU / Chain 1 : CH 11



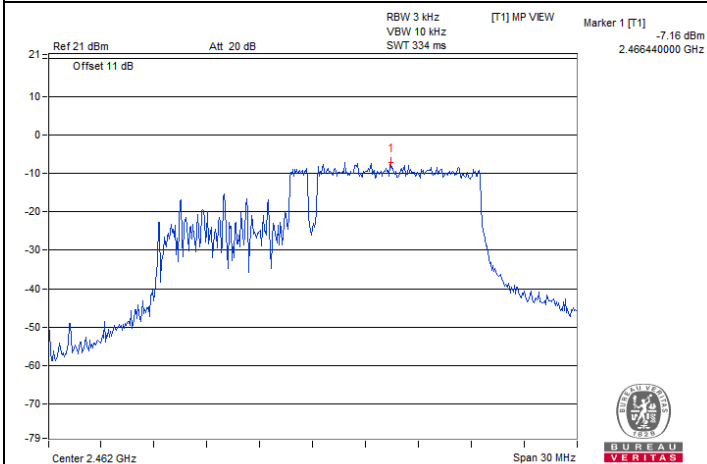
802.11be (EHT20) 52-tone RU / Chain 1 : CH 11



802.11be (EHT20) 106-tone RU / Chain 1 : CH 11



802.11be (EHT20) 52+26-tone MRU / Chain 1 : CH 11



802.11be (EHT20) 106+26-tone MRU / Chain 1 : CH 11

7.3 6 dB Bandwidth

Environmental Conditions:	25°C, 60% RH	Tested By:	Tim Chen
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1TX_Ant. 1

802.11b

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	8.18	0.5	Pass
6	2437	8.2	0.5	Pass
11	2462	8.19	0.5	Pass

802.11g

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	16.46	0.5	Pass
6	2437	16.49	0.5	Pass
11	2462	16.49	0.5	Pass

2TX

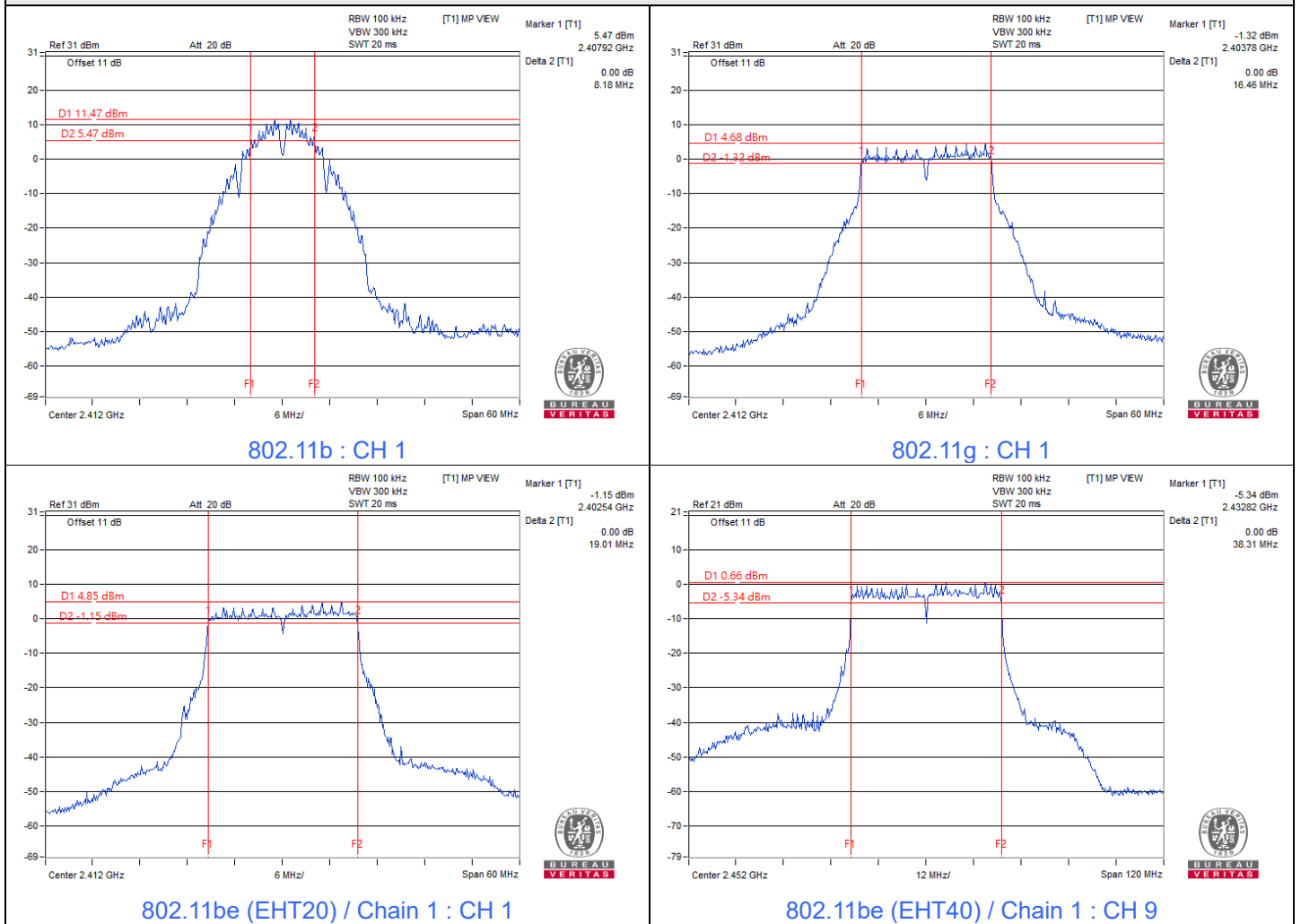
802.11be (EHT20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	19.13	19.01	0.5	Pass
6	2437	19.18	19.18	0.5	Pass
11	2462	19.14	19.11	0.5	Pass

802.11be (EHT40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	2422	38.32	38.39	0.5	Pass
6	2437	38.40	38.45	0.5	Pass
9	2452	38.32	38.31	0.5	Pass

Spectrum Plot of Minimum Value



802.11be (EHT20) 26-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	2.18	2.18	0.5	Pass
6	2437	2.24	2.22	0.5	Pass
11	2462	2.24	2.19	0.5	Pass

802.11be (EHT20) 52-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	17.24	17.28	0.5	Pass
6	2437	17.20	17.23	0.5	Pass
11	2462	17.16	17.13	0.5	Pass

802.11be (EHT20) 106-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	18.43	17.27	0.5	Pass
6	2437	17.26	17.28	0.5	Pass
11	2462	17.30	18.42	0.5	Pass

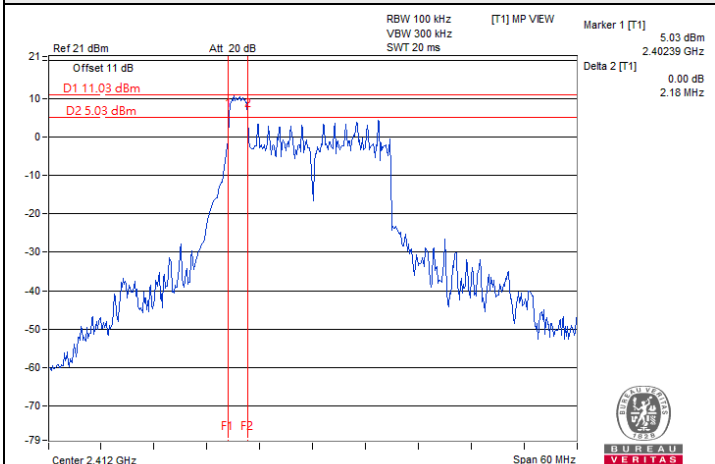
802.11be (EHT20) 52+26-tone MRU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	15.18	15.20	0.5	Pass
6	2437	15.21	15.22	0.5	Pass
11	2462	15.17	15.21	0.5	Pass

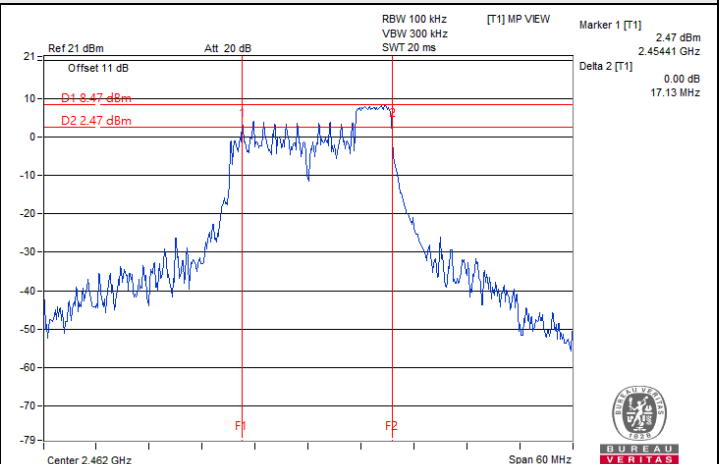
802.11be (EHT20) 106+26-tone MRU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	18.46	17.82	0.5	Pass
6	2437	18.41	17.91	0.5	Pass
11	2462	18.40	17.27	0.5	Pass

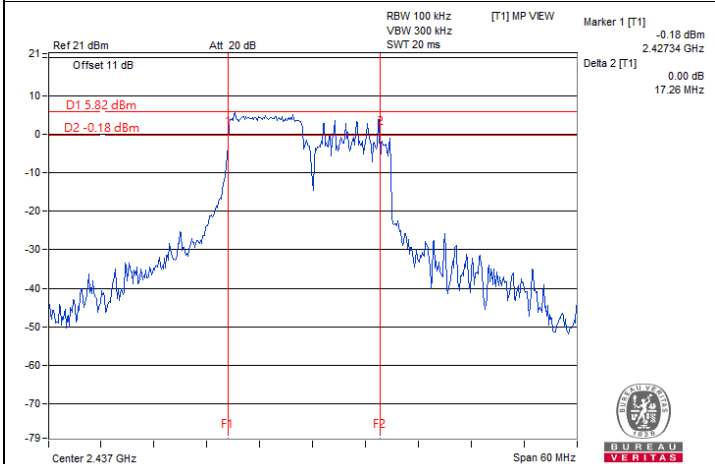
Spectrum Plot of Minimum Value



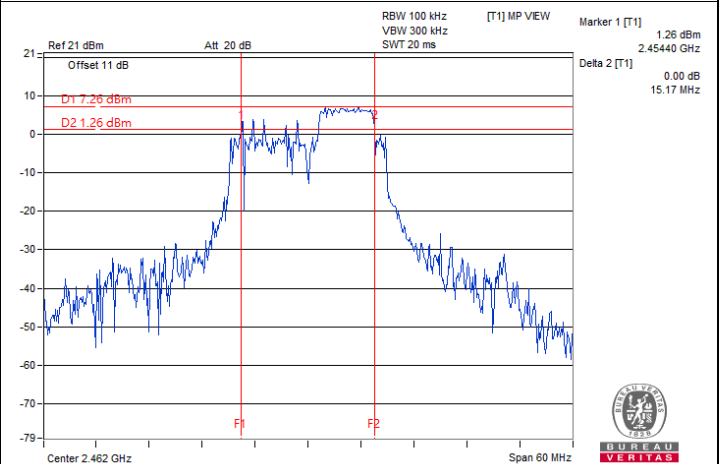
802.11be (EHT20) 26-tone RU / Chain 0 : CH 1



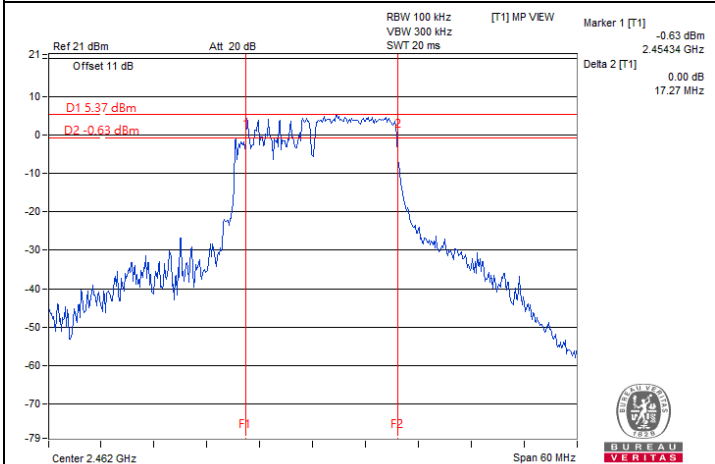
802.11be (EHT20) 52-tone RU / Chain 1 : CH 11



802.11be (EHT20) 106-tone RU / Chain 0 : CH 6



802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 11

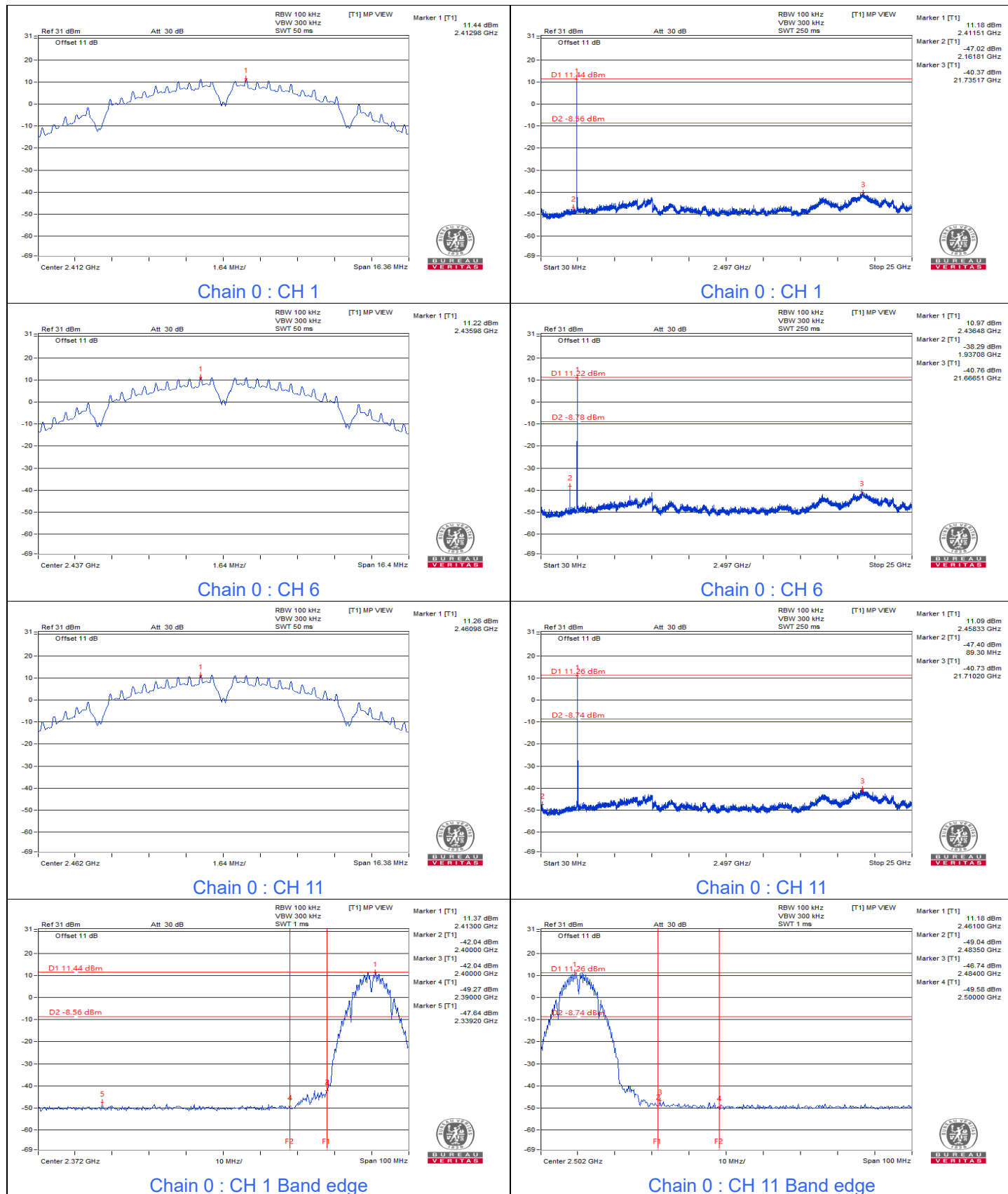


802.11be (EHT20) 106+26-tone MRU / Chain 1 : CH 11

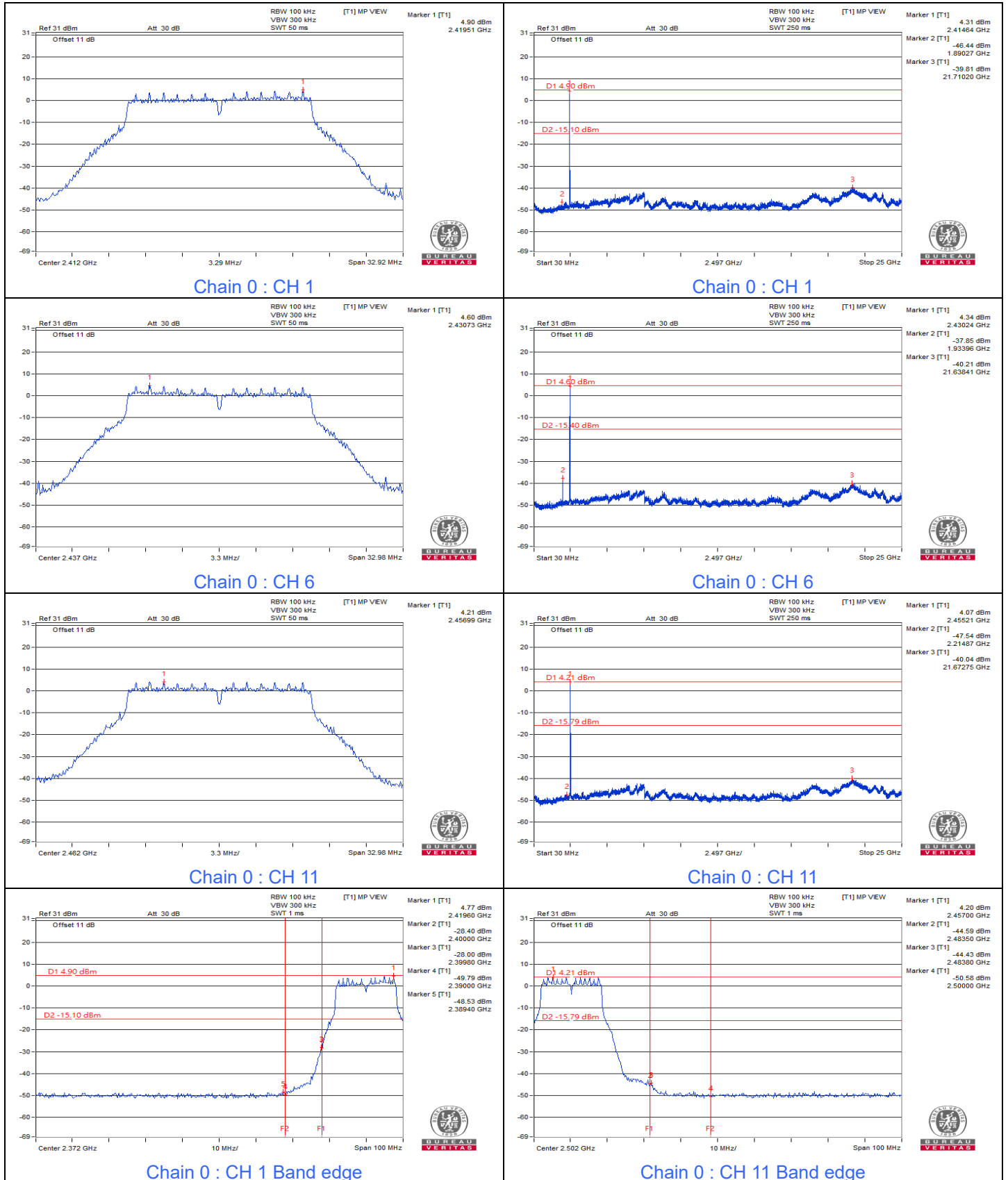
7.4 Conducted Out of Band Emissions

Environmental Conditions:	25°C, 60% RH	Tested By:	Tim Chen
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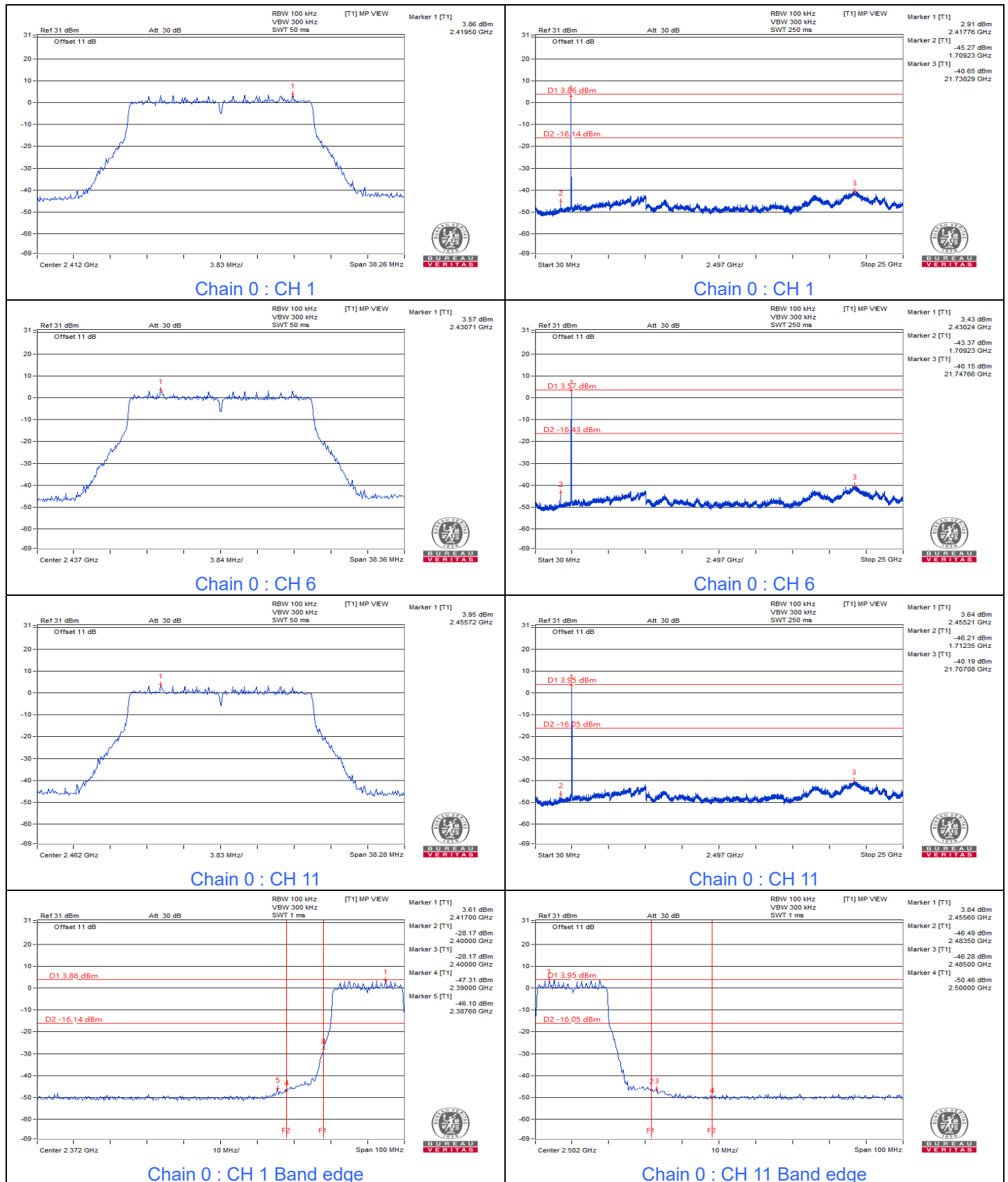
802.11b



802.11g



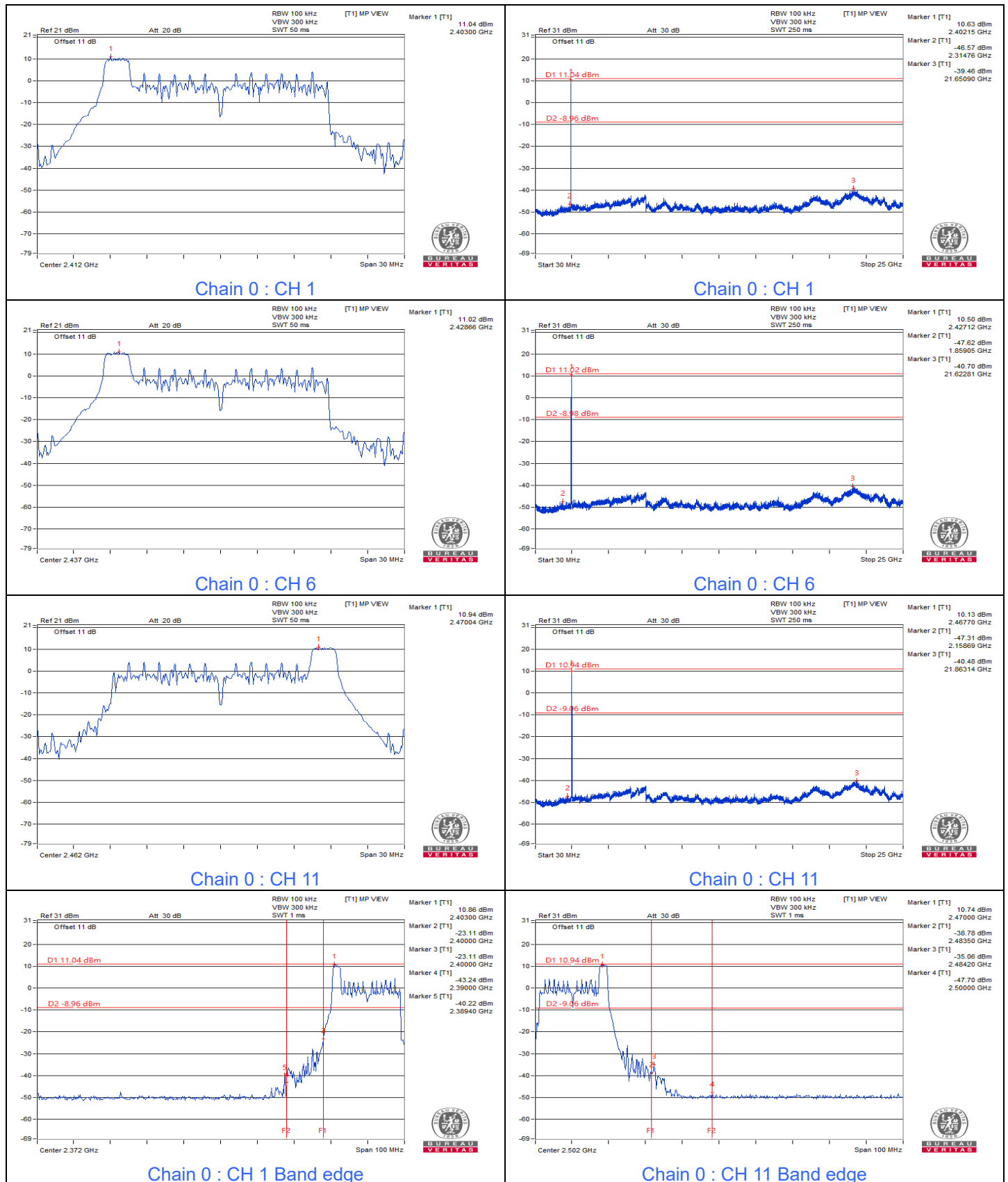
802.11be (EHT20)



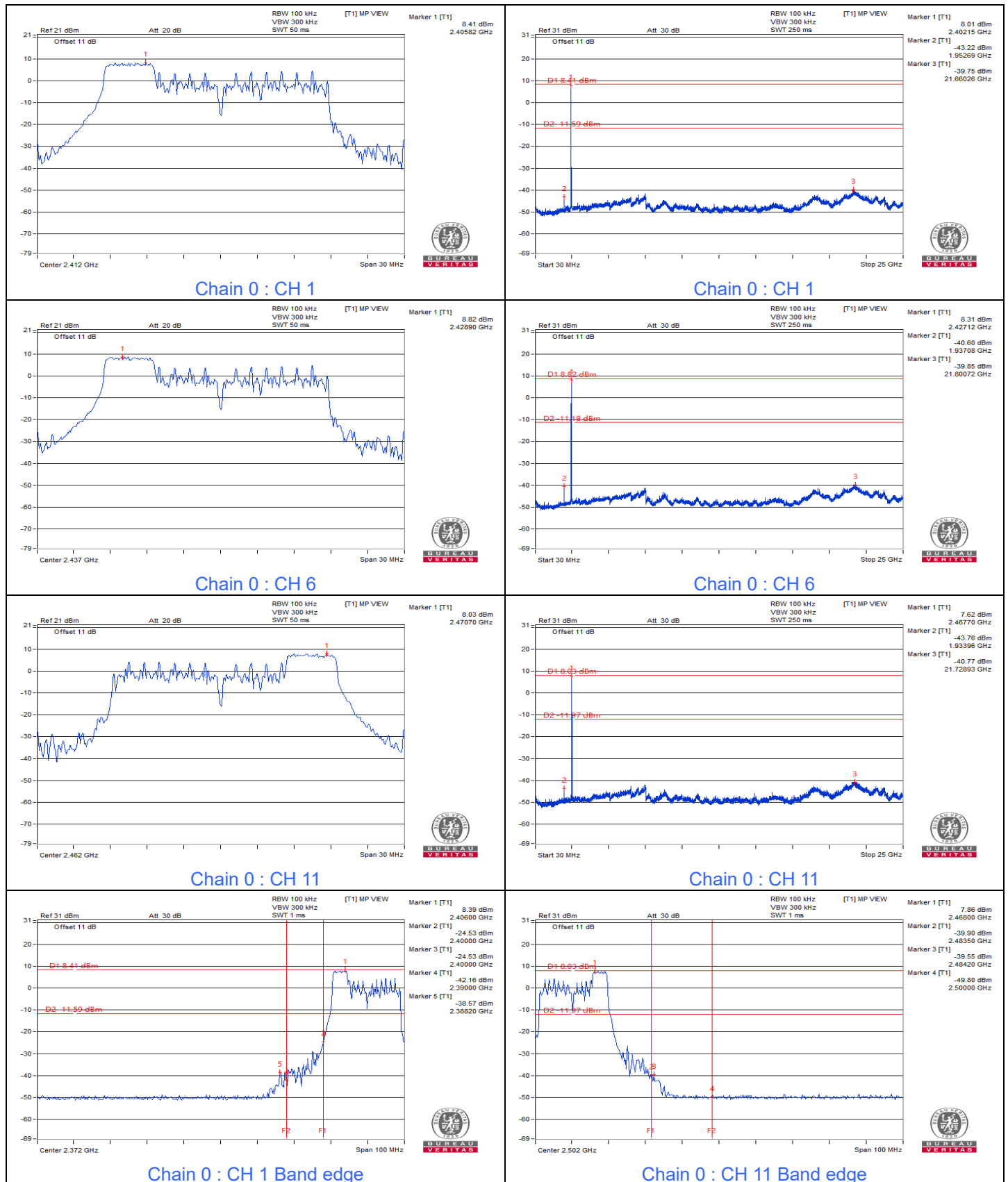
802.11be (EHT40)



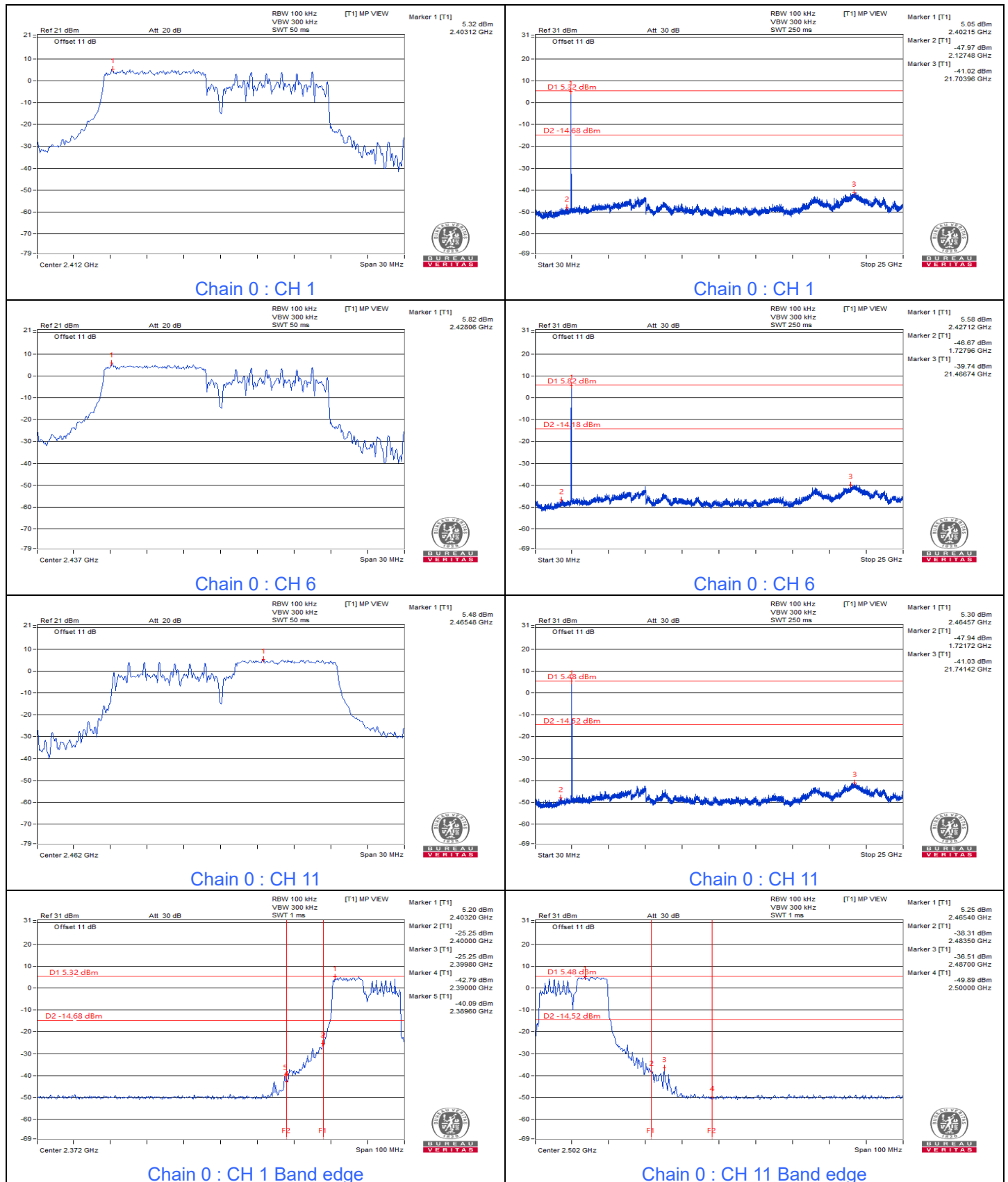
802.11be (EHT20) 26-tone RU



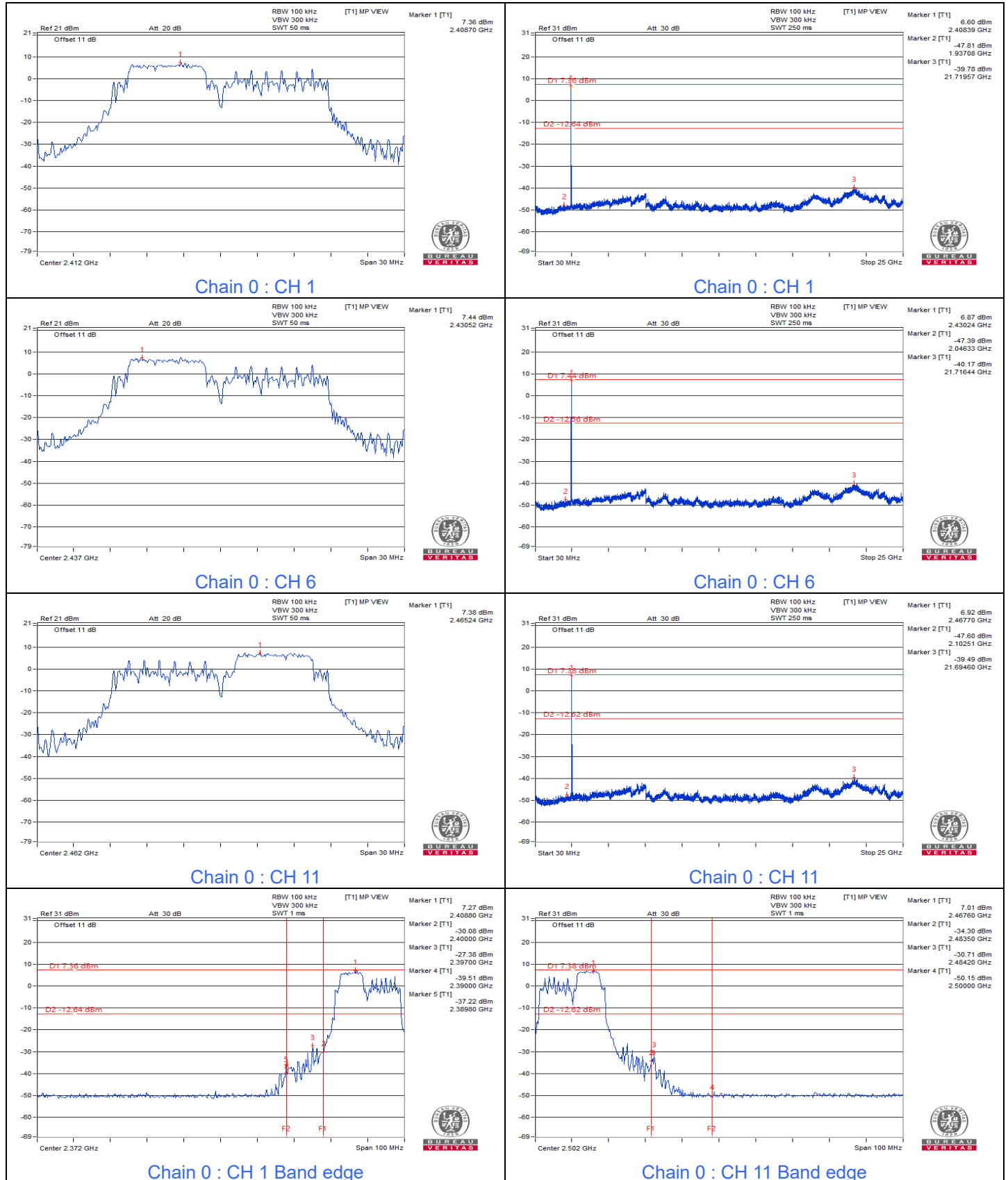
802.11be (EHT20) 52-tone RU

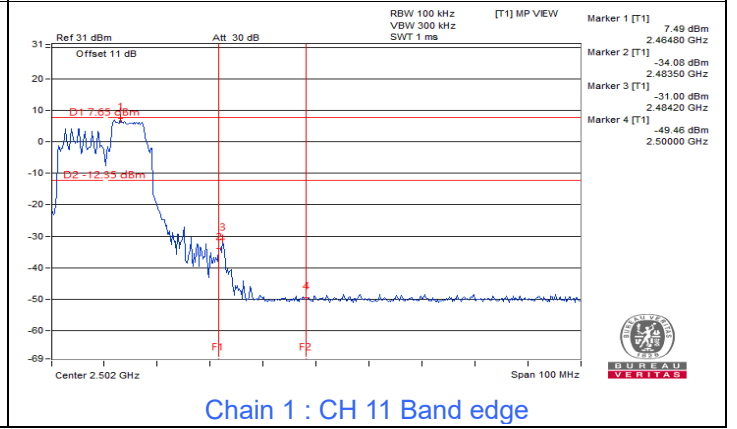
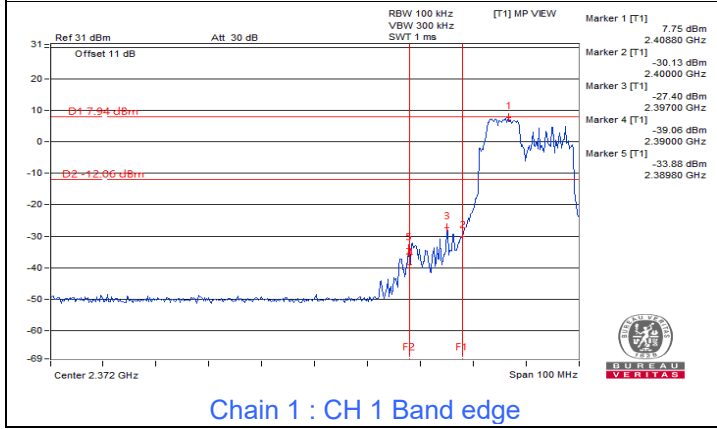
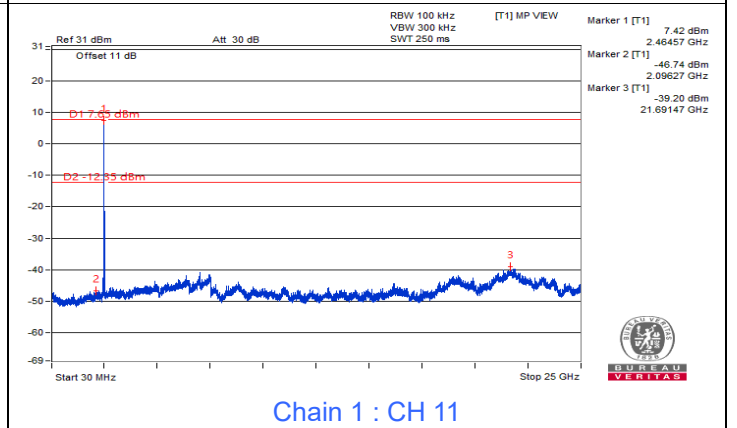
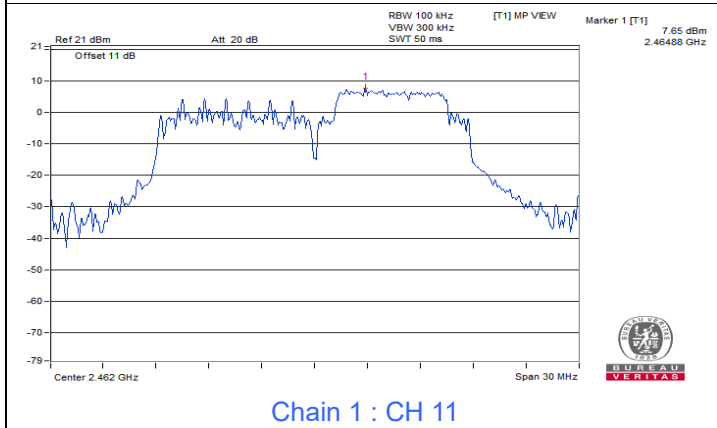
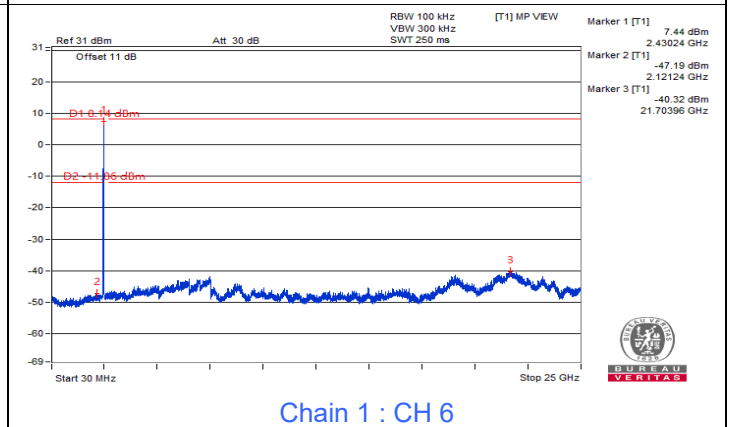
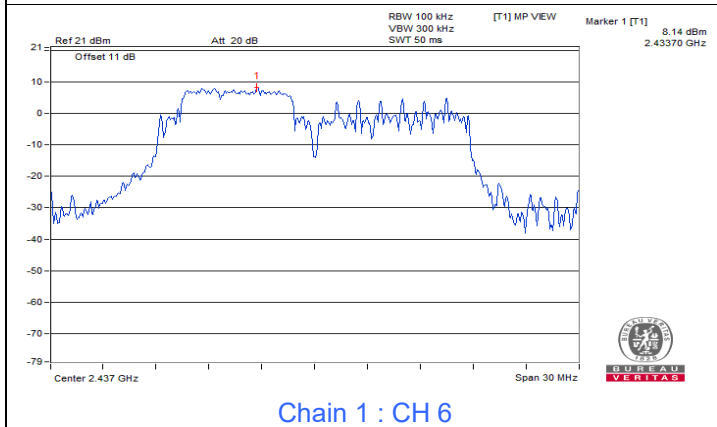
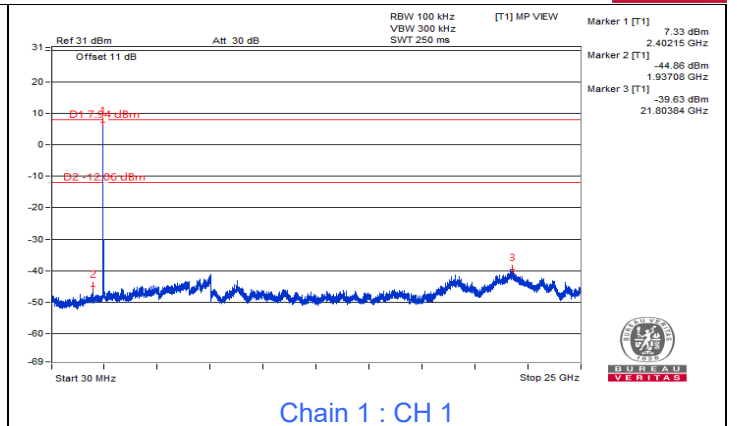
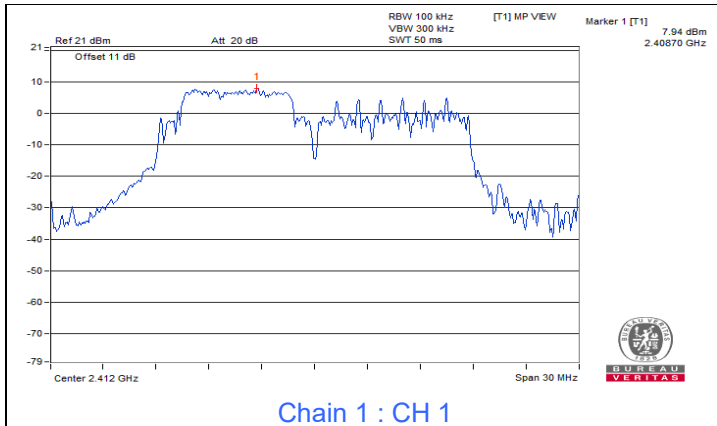


802.11be (EHT20) 106-tone RU

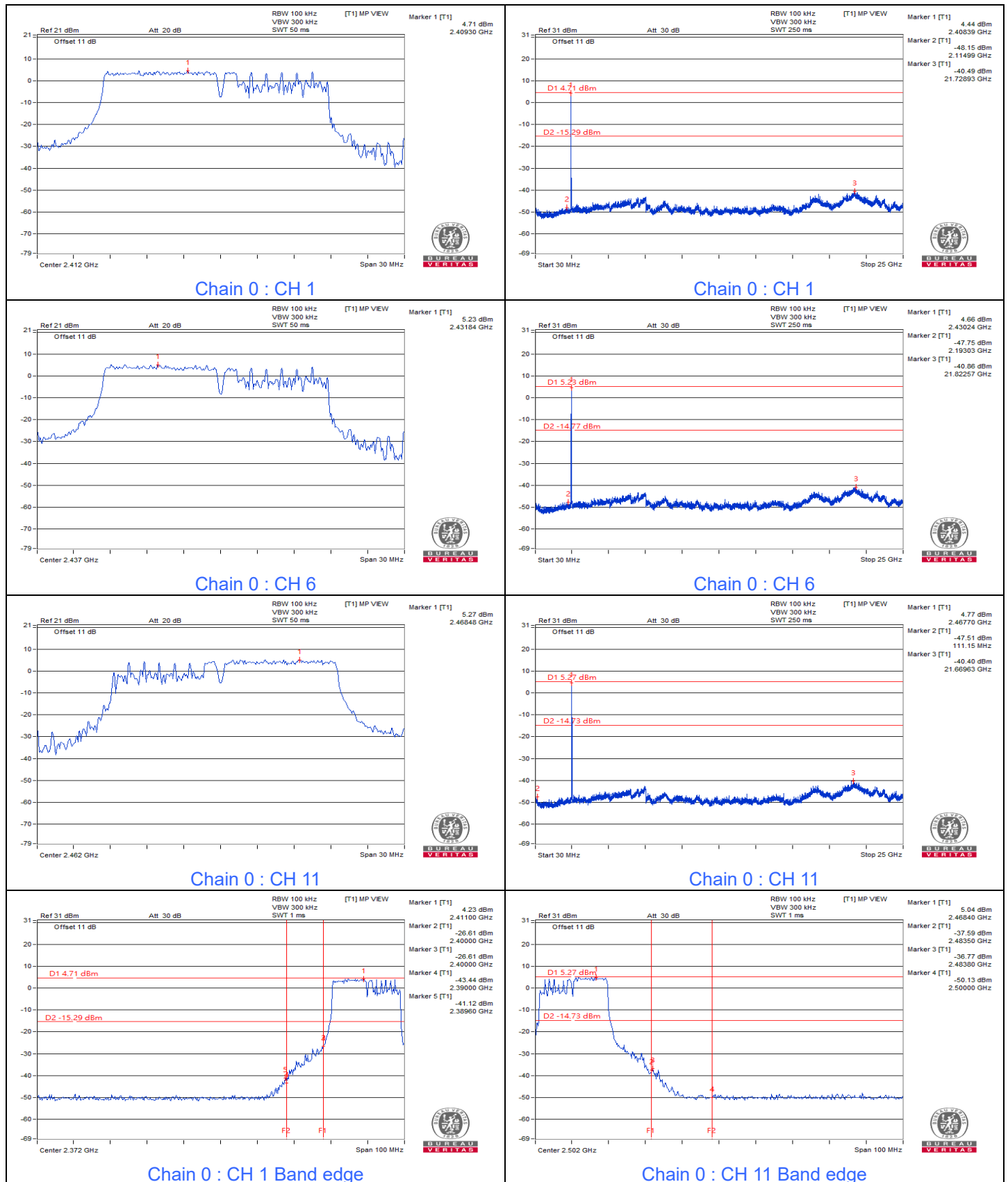


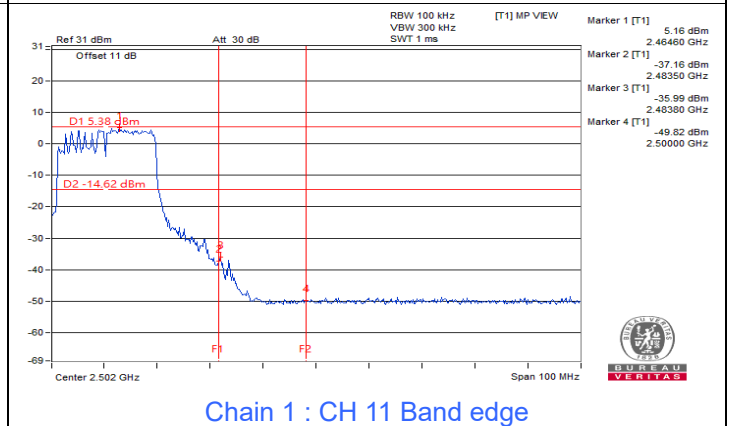
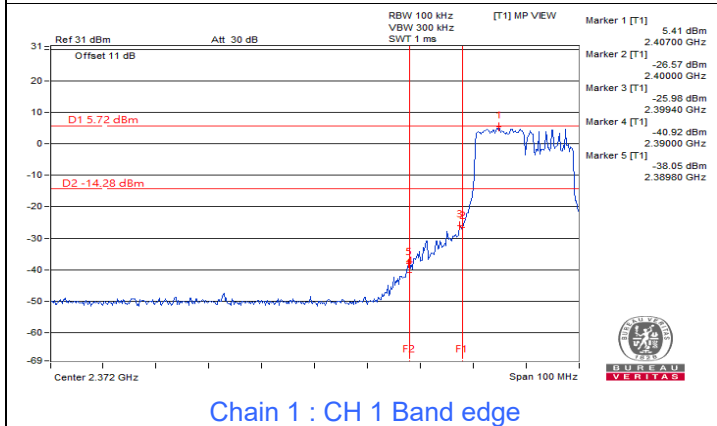
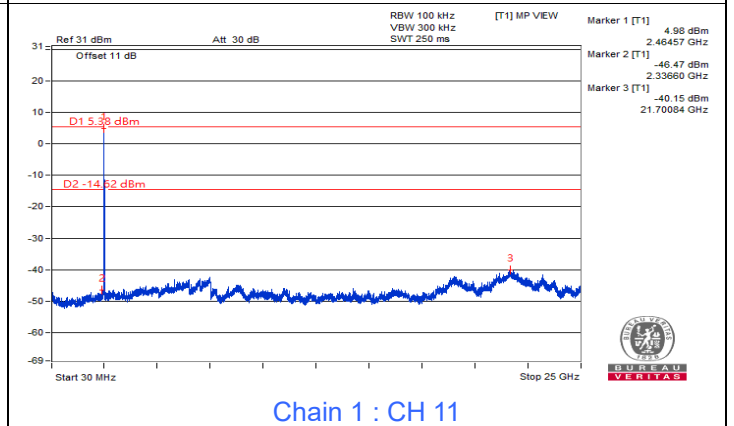
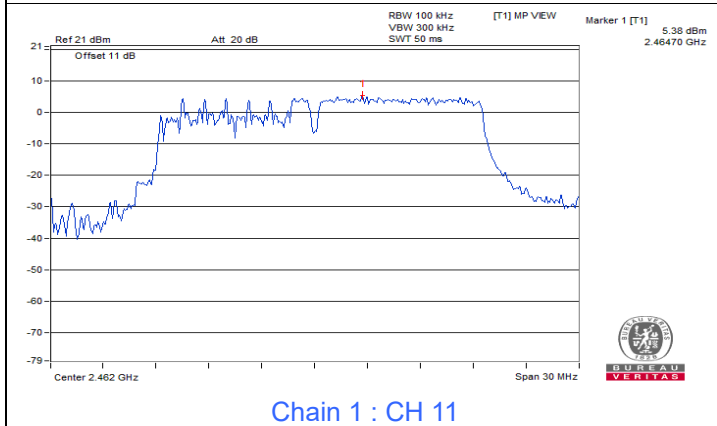
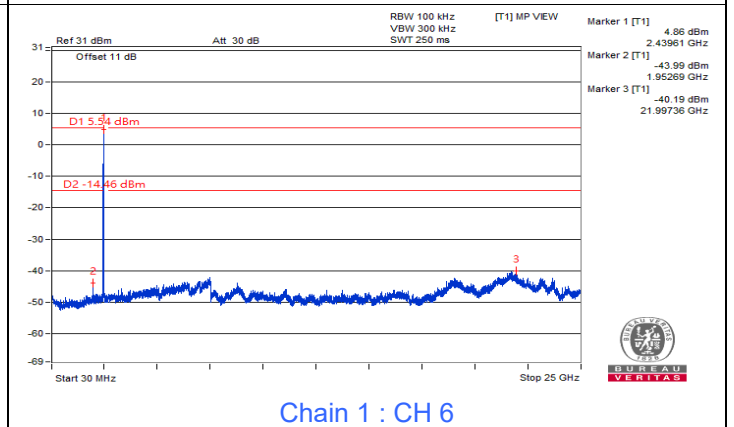
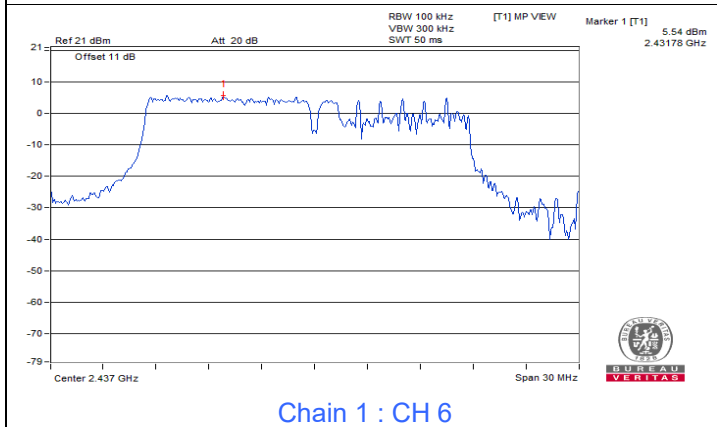
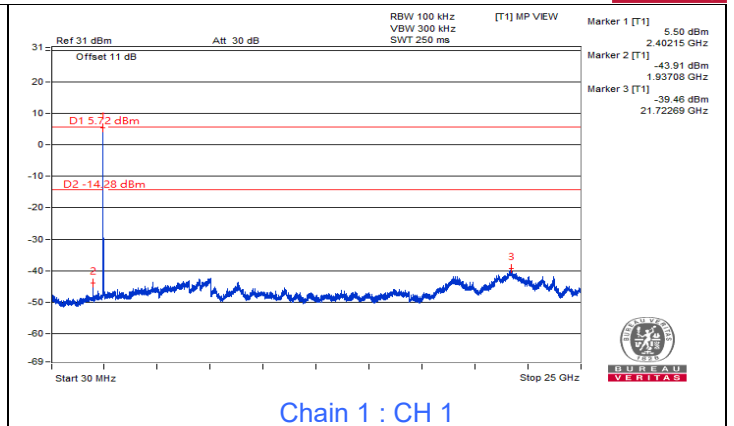
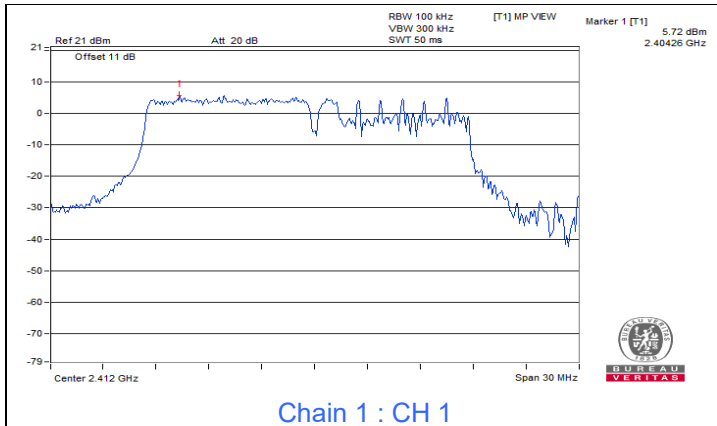
802.11be (EHT20) 52+26-tone MRU





802.11be (EHT20) 106+26-tone MRU





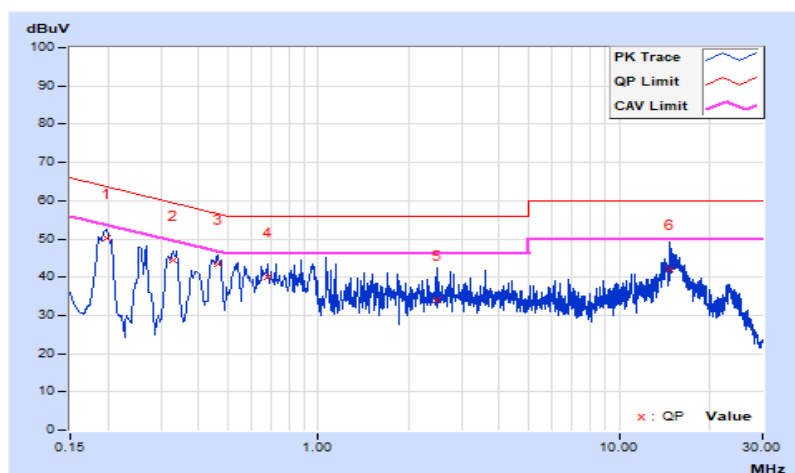
7.5 AC Power Conducted Emissions

RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 62% RH
Tested By	Thomas Cheng		

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	0.19728	10.22	40.06	24.20	50.28	34.42	63.72	53.72	-13.44	-19.30
2	0.32889	10.30	34.09	23.75	44.39	34.05	59.48	49.48	-15.09	-15.43
3	0.46200	10.35	33.02	22.75	43.37	33.10	56.66	46.66	-13.29	-13.56
4	0.67800	10.38	29.55	16.08	39.93	26.46	56.00	46.00	-16.07	-19.54
5	2.48800	10.49	23.44	14.56	33.93	25.05	56.00	46.00	-22.07	-20.95
6	14.77600	10.74	31.35	15.25	42.09	25.99	60.00	50.00	-17.91	-24.01

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

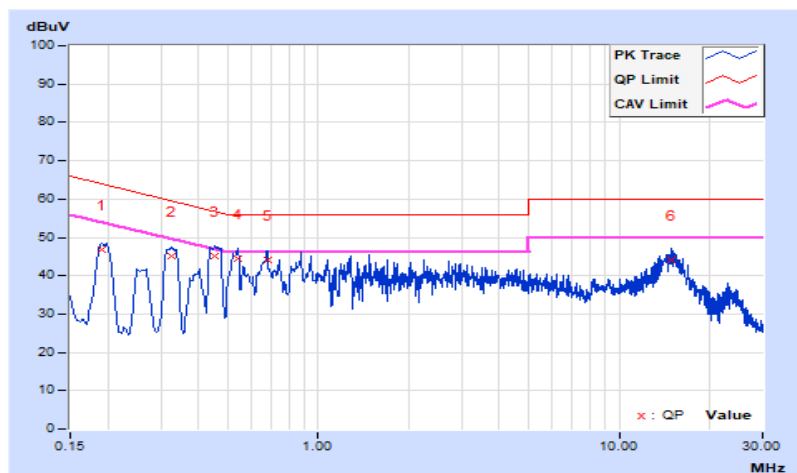


RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 62% RH
Tested By	Thomas Cheng		

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	0.19000	10.25	36.42	21.71	46.67	31.96	64.04	54.04	-17.37	-22.08
2	0.32459	10.32	34.71	26.65	45.03	36.97	59.59	49.59	-14.56	-12.62
3	0.45357	10.38	34.84	25.80	45.22	36.18	56.81	46.81	-11.59	-10.63
4	0.54200	10.39	34.09	20.09	44.48	30.48	56.00	46.00	-11.52	-15.52
5	0.67800	10.41	33.68	18.57	44.09	28.98	56.00	46.00	-11.91	-17.02
6	14.83200	10.90	33.18	17.09	44.08	27.99	60.00	50.00	-15.92	-22.01

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



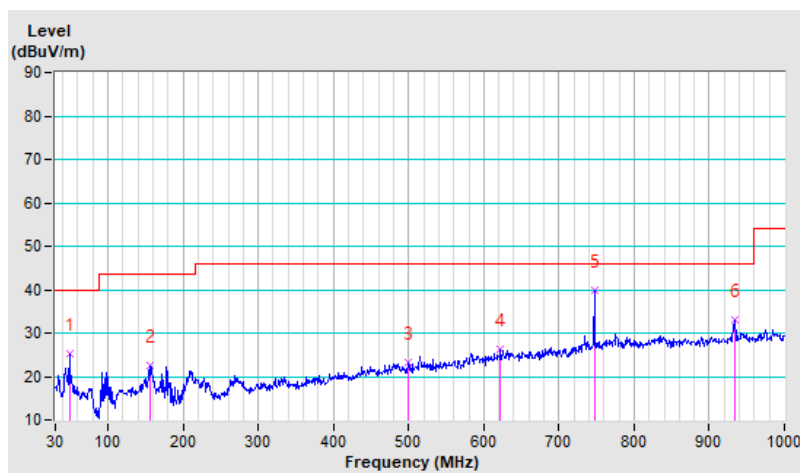
7.6 Unwanted Emissions below 1 GHz

RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Vincent 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	48.43	25.3 QP	40.0	-14.7	2.00 H	102	37.2	-11.9
2	155.13	22.5 QP	43.5	-21.0	1.50 H	263	34.7	-12.2
3	500.45	23.1 QP	46.0	-22.9	1.00 H	164	29.4	-6.3
4	622.67	26.4 QP	46.0	-19.6	2.00 H	157	30.3	-3.9
5	746.83	39.7 QP	46.0	-6.3	1.00 H	214	40.4	-0.7
6	933.07	33.2 QP	46.0	-12.8	1.50 H	156	32.5	0.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit 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.

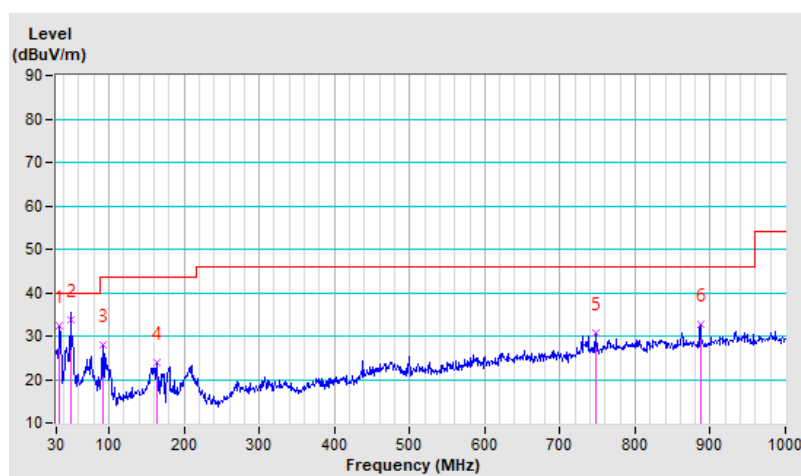


RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Vincent Chen		

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	33.88	32.4 QP	40.0	-7.6	1.00 V	305	45.4	-13.0
2	48.43	33.7 QP	40.0	-6.3	1.50 V	349	45.6	-11.9
3	91.11	27.9 QP	43.5	-15.6	1.00 V	163	46.1	-18.2
4	162.89	24.0 QP	43.5	-19.5	2.00 V	267	36.3	-12.3
5	746.83	30.7 QP	46.0	-15.3	1.00 V	110	31.4	-0.7
6	886.51	32.8 QP	46.0	-13.2	1.50 V	220	32.8	0.0

Remarks:

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



7.7 Unwanted Emissions above 1 GHz

RF Mode	802.11b	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	2390.00	62.0 PK	74.0	-12.0	1.02 H	189	25.7	36.3
2	2390.00	50.0 AV	54.0	-4.0	1.02 H	189	13.7	36.3
3	*2412.00	108.6 PK			1.02 H	189	72.3	36.3
4	*2412.00	105.9 AV			1.02 H	189	69.6	36.3
5	4824.00	54.8 PK	74.0	-19.2	2.04 H	123	42.6	12.2
6	4824.00	39.6 AV	54.0	-14.4	2.04 H	123	27.4	12.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	62.0 PK	74.0	-12.0	2.01 V	249	25.7	36.3
2	2390.00	48.4 AV	54.0	-5.6	2.01 V	249	12.1	36.3
3	*2412.00	102.5 PK			2.01 V	249	66.2	36.3
4	*2412.00	99.8 AV			2.01 V	249	63.5	36.3
5	4924.00	53.8 PK	74.0	-20.2	2.37 V	185	41.3	12.5
6	4924.00	39.7 AV	54.0	-14.3	2.37 V	185	27.2	12.5

Remarks:

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

RF Mode	802.11b	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	*2437.00	108.8 PK			1.06 H	175	72.5	36.3
2	*2437.00	106.1 AV			1.06 H	175	69.8	36.3
3	4874.00	55.3 PK	74.0	-18.7	2.16 H	135	42.8	12.5
4	4874.00	40.2 AV	54.0	-13.8	2.16 H	135	27.7	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	102.8 PK			2.04 V	235	66.5	36.3
2	*2437.00	100.0 AV			2.04 V	235	63.7	36.3
3	4874.00	54.0 PK	74.0	-20.0	2.46 V	178	41.5	12.5
4	4874.00	39.8 AV	54.0	-14.2	2.46 V	178	27.3	12.5

Remarks:

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

RF Mode	802.11b	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	*2462.00	107.4 PK			1.20 H	193	71.1	36.3
2	*2462.00	104.8 AV			1.20 H	193	68.5	36.3
3	2483.50	62.7 PK	74.0	-11.3	1.20 H	193	26.4	36.3
4	2483.50	49.2 AV	54.0	-4.8	1.20 H	193	12.9	36.3
5	4924.00	55.1 PK	74.0	-18.9	2.24 H	146	42.6	12.5
6	4924.00	39.9 AV	54.0	-14.1	2.24 H	146	27.4	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	102.0 PK			2.12 V	248	65.7	36.3
2	*2462.00	99.3 AV			2.12 V	248	63.0	36.3
3	2483.50	62.4 PK	74.0	-11.6	2.12 V	248	26.1	36.3
4	2483.50	49.1 AV	54.0	-4.9	2.12 V	248	12.8	36.3
5	4924.00	54.8 PK	74.0	-19.2	1.32 V	186	42.3	12.5
6	4924.00	39.7 AV	54.0	-14.3	1.32 V	186	27.2	12.5

Remarks:

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

RF Mode	802.11g	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	2390.00	66.8 PK	74.0	-7.2	1.17 H	180	30.5	36.3
2	2390.00	51.6 AV	54.0	-2.4	1.17 H	180	15.3	36.3
3	*2412.00	109.2 PK			1.17 H	180	72.9	36.3
4	*2412.00	99.5 AV			1.17 H	180	63.2	36.3
5	4824.00	54.6 PK	74.0	-19.4	3.79 H	267	42.4	12.2
6	4824.00	39.9 AV	54.0	-14.1	3.79 H	267	27.7	12.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	62.0 PK	74.0	-12.0	1.99 V	233	25.7	36.3
2	2390.00	48.7 AV	54.0	-5.3	1.99 V	233	12.4	36.3
3	*2412.00	101.8 PK			1.99 V	233	65.5	36.3
4	*2412.00	92.1 AV			1.99 V	233	55.8	36.3
5	4824.00	54.2 PK	74.0	-19.8	1.35 V	138	42.0	12.2
6	4824.00	39.7 AV	54.0	-14.3	1.35 V	138	27.5	12.2

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	802.11g	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2437.00	109.1 PK			1.18 H	181	72.8	36.3
2	*2437.00	99.4 AV			1.18 H	181	63.1	36.3
3	4874.00	55.0 PK	74.0	-19.0	2.46 H	190	42.5	12.5
4	4874.00	40.1 AV	54.0	-13.9	2.46 H	190	27.6	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	101.5 PK			1.98 V	233	65.2	36.3
2	*2437.00	91.8 AV			1.98 V	233	55.5	36.3
3	4874.00	54.6 PK	74.0	-19.4	2.61 V	301	42.1	12.5
4	4874.00	39.8 AV	54.0	-14.2	2.61 V	301	27.3	12.5

Remarks:

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

RF Mode	802.11g	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2462.00	108.7 PK			1.53 H	180	72.4	36.3
2	*2462.00	99.0 AV			1.53 H	180	62.7	36.3
3	2483.50	63.7 PK	74.0	-10.3	1.53 H	180	27.4	36.3
4	2483.50	49.8 AV	54.0	-4.2	1.53 H	180	13.5	36.3
5	4924.00	55.1 PK	74.0	-18.9	3.87 H	164	42.6	12.5
6	4924.00	40.2 AV	54.0	-13.8	3.87 H	164	27.7	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	102.0 PK			1.78 V	233	65.7	36.3
2	*2462.00	91.9 AV			1.78 V	233	55.6	36.3
3	2483.50	62.5 PK	74.0	-11.5	1.78 V	233	26.2	36.3
4	2483.50	49.2 AV	54.0	-4.8	1.78 V	233	12.9	36.3
5	4924.00	54.7 PK	74.0	-19.3	1.09 V	55	42.2	12.5
6	4924.00	39.9 AV	54.0	-14.1	1.09 V	55	27.4	12.5

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	2390.00	66.3 PK	74.0	-7.7	2.26 H	144	30.0	36.3
2	2390.00	51.5 AV	54.0	-2.5	2.26 H	144	15.2	36.3
3	*2412.00	112.6 PK			2.26 H	144	76.3	36.3
4	*2412.00	99.9 AV			2.26 H	144	63.6	36.3
5	4824.00	54.0 PK	74.0	-20.0	2.73 H	234	41.8	12.2
6	4824.00	39.9 AV	54.0	-14.1	2.73 H	234	27.7	12.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	61.6 PK	74.0	-12.4	1.28 V	115	25.3	36.3
2	2390.00	49.2 AV	54.0	-4.8	1.28 V	115	12.9	36.3
3	*2412.00	114.2 PK			1.28 V	115	77.9	36.3
4	*2412.00	101.5 AV			1.28 V	115	65.2	36.3
5	4824.00	54.3 PK	74.0	-19.7	1.34 V	201	42.1	12.2
6	4824.00	40.2 AV	54.0	-13.8	1.34 V	201	28.0	12.2

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 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2437.00	112.5 PK			2.25 H	145	76.2	36.3
2	*2437.00	102.8 AV			2.25 H	145	66.5	36.3
3	4874.00	54.8 PK	74.0	-19.2	1.57 H	339	42.3	12.5
4	4874.00	40.2 AV	54.0	-13.8	1.57 H	339	27.7	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	114.3 PK			1.28 V	115	78.0	36.3
2	*2437.00	101.6 AV			1.28 V	115	65.3	36.3
3	4874.00	55.1 PK	74.0	-18.9	2.78 V	294	42.6	12.5
4	4874.00	40.4 AV	54.0	-13.6	2.78 V	294	27.9	12.5

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2462.00	112.1 PK			2.11 H	145	75.8	36.3
2	*2462.00	99.4 AV			2.11 H	145	63.1	36.3
3	2483.50	61.9 PK	74.0	-12.1	2.11 H	145	25.6	36.3
4	2483.50	49.5 AV	54.0	-4.5	2.11 H	145	13.2	36.3
5	4924.00	54.7 PK	74.0	-19.3	1.49 H	326	42.2	12.5
6	4924.00	40.2 AV	54.0	-13.8	1.49 H	326	27.7	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	114.9 PK			1.28 V	115	78.6	36.3
2	*2462.00	101.6 AV			1.28 V	115	65.3	36.3
3	2483.50	67.5 PK	74.0	-6.5	1.28 V	115	31.2	36.3
4	2483.50	52.0 AV	54.0	-2.0	1.28 V	115	15.7	36.3
5	4924.00	54.9 PK	74.0	-19.1	3.36 V	187	42.4	12.5
6	4924.00	40.5 AV	54.0	-13.5	3.36 V	187	28.0	12.5

Remarks:

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

RF Mode	802.11be (EHT40)	Channel	CH 3 : 2422 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	2390.00	66.0 PK	74.0	-8.0	2.24 H	138	29.7	36.3
2	2390.00	53.3 AV	54.0	-0.7	2.24 H	138	17.0	36.3
3	*2422.00	104.9 PK			2.24 H	138	68.6	36.3
4	*2422.00	92.7 AV			2.24 H	138	56.4	36.3
5	4844.00	54.3 PK	74.0	-19.7	2.93 H	158	42.0	12.3
6	4844.00	39.7 AV	54.0	-14.3	2.93 H	158	27.4	12.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	68.1 PK	74.0	-5.9	1.13 V	111	31.8	36.3
2	2390.00	53.4 AV	54.0	-0.6	1.13 V	111	17.1	36.3
3	*2422.00	108.0 PK			1.13 V	111	71.7	36.3
4	*2422.00	94.9 AV			1.13 V	111	58.6	36.3
5	4844.00	54.6 PK	74.0	-19.4	1.57 V	207	42.3	12.3
6	4844.00	40.0 AV	54.0	-14.0	1.57 V	207	27.7	12.3

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 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	2390.00	67.1 PK	74.0	-6.9	2.26 H	138	30.8	36.3
2	2390.00	52.7 AV	54.0	-1.3	2.26 H	138	16.4	36.3
3	*2437.00	108.9 PK			2.26 H	138	72.6	36.3
4	*2437.00	95.8 AV			2.26 H	138	59.5	36.3
5	2483.50	68.5 PK	74.0	-5.5	2.26 H	138	32.2	36.3
6	2483.50	51.8 AV	54.0	-2.2	2.26 H	138	15.5	36.3
7	4874.00	54.3 PK	74.0	-19.7	3.44 H	25	41.8	12.5
8	4874.00	39.7 AV	54.0	-14.3	3.44 H	25	27.2	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	65.7 PK	74.0	-8.3	1.28 V	115	29.4	36.3
2	2390.00	51.9 AV	54.0	-2.1	1.28 V	115	15.6	36.3
3	*2437.00	110.6 PK			1.28 V	115	74.3	36.3
4	*2437.00	97.8 AV			1.28 V	115	61.5	36.3
5	2483.50	68.8 PK	74.0	-5.2	1.28 V	115	32.5	36.3
6	2483.50	53.8 AV	54.0	-0.2	1.28 V	115	17.5	36.3
7	4874.00	54.6 PK	74.0	-19.4	3.44 V	25	42.1	12.5
8	4874.00	40.5 AV	54.0	-13.5	3.44 V	25	28.0	12.5

Remarks:

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

RF Mode	802.11be (EHT40)	Channel	CH 9 : 2452 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	*2452.00	107.0 PK			2.18 H	140	70.6	36.4
2	*2452.00	93.6 AV			2.18 H	140	57.2	36.4
3	2483.50	67.8 PK	74.0	-6.2	2.18 H	140	31.5	36.3
4	2483.50	53.6 AV	54.0	-0.4	2.18 H	140	17.3	36.3
5	4904.00	54.7 PK	74.0	-19.3	1.07 H	238	42.3	12.4
6	4904.00	40.0 AV	54.0	-14.0	1.07 H	238	27.6	12.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	110.0 PK			1.24 V	115	73.6	36.4
2	*2452.00	95.6 AV			1.24 V	115	59.2	36.4
3	2483.50	69.2 PK	74.0	-4.8	1.24 V	115	32.9	36.3
4	2483.50	53.6 AV	54.0	-0.4	1.24 V	115	17.3	36.3
5	4904.00	55.0 PK	74.0	-19.0	2.14 V	181	42.6	12.4
6	4904.00	40.2 AV	54.0	-13.8	2.14 V	181	27.8	12.4

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) 26-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	2390.00	70.4 PK	74.0	-3.6	2.26 H	134	34.1	36.3
2	2390.00	49.2 AV	54.0	-4.8	2.26 H	134	12.9	36.3
3	*2412.00	118.4 PK			2.26 H	134	82.1	36.3
4	*2412.00	106.7 AV			2.26 H	134	70.4	36.3
5	4824.00	53.9 PK	74.0	-20.1	1.30 H	276	41.7	12.2
6	4824.00	39.9 AV	54.0	-14.1	1.30 H	276	27.7	12.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	70.5 PK	74.0	-3.5	1.28 V	115	34.2	36.3
2	2390.00	49.4 AV	54.0	-4.6	1.28 V	115	13.1	36.3
3	*2412.00	119.6 PK			1.28 V	115	83.3	36.3
4	*2412.00	107.7 AV			1.28 V	115	71.4	36.3
5	4824.00	54.2 PK	74.0	-19.8	2.42 V	166	42.0	12.2
6	4824.00	40.0 AV	54.0	-14.0	2.42 V	166	27.8	12.2

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) 26-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2437.00	119.7 PK			2.26 H	136	83.4	36.3
2	*2437.00	108.1 AV			2.26 H	136	71.8	36.3
3	4874.00	54.6 PK	74.0	-19.4	2.88 H	139	42.1	12.5
4	4874.00	39.9 AV	54.0	-14.1	2.88 H	139	27.4	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	120.9 PK			1.28 V	115	84.6	36.3
2	*2437.00	109.3 AV			1.28 V	115	73.0	36.3
3	4874.00	54.9 PK	74.0	-19.1	2.01 V	307	42.4	12.5
4	4874.00	40.2 AV	54.0	-13.8	2.01 V	307	27.7	12.5

Remarks:

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

RF Mode	802.11be (EHT20) 26-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2462.00	121.6 PK			2.26 H	151	85.3	36.3
2	*2462.00	108.4 AV			2.26 H	151	72.1	36.3
3	2483.50	71.8 PK	74.0	-2.2	2.26 H	151	35.5	36.3
4	2483.50	49.8 AV	54.0	-4.2	2.26 H	151	13.5	36.3
5	4924.00	54.4 PK	74.0	-19.6	1.81 H	55	41.9	12.5
6	4924.00	40.1 AV	54.0	-13.9	1.81 H	55	27.6	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	121.7 PK			1.28 V	115	85.4	36.3
2	*2462.00	110.6 AV			1.28 V	115	74.3	36.3
3	2483.50	73.5 PK	74.0	-0.5	1.28 V	115	37.2	36.3
4	2483.50	50.4 AV	54.0	-3.6	1.28 V	115	14.1	36.3
5	4924.00	54.6 PK	74.0	-19.4	1.98 V	189	42.1	12.5
6	4924.00	40.4 AV	54.0	-13.6	1.98 V	189	27.9	12.5

Remarks:

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

RF Mode	802.11be (EHT20) 52-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	2390.00	68.9 PK	74.0	-5.1	2.26 H	134	32.6	36.3
2	2390.00	48.8 AV	54.0	-5.2	2.26 H	134	12.5	36.3
3	*2412.00	116.8 PK			2.26 H	134	80.5	36.3
4	*2412.00	104.2 AV			2.26 H	134	67.9	36.3
5	4824.00	54.2 PK	74.0	-19.8	3.29 H	188	42.0	12.2
6	4824.00	39.6 AV	54.0	-14.4	3.29 H	188	27.4	12.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	71.9 PK	74.0	-2.1	1.28 V	144	35.6	36.3
2	2390.00	49.5 AV	54.0	-4.5	1.28 V	144	13.2	36.3
3	*2412.00	117.8 PK			1.28 V	144	81.5	36.3
4	*2412.00	105.4 AV			1.28 V	144	69.1	36.3
5	4824.00	54.5 PK	74.0	-19.5	2.67 V	180	42.3	12.2
6	4824.00	39.9 AV	54.0	-14.1	2.67 V	180	27.7	12.2

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) 52-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2437.00	118.4 PK			2.26 H	134	82.1	36.3
2	*2437.00	105.4 AV			2.26 H	134	69.1	36.3
3	4874.00	54.2 PK	74.0	-19.8	1.82 H	193	41.7	12.5
4	4874.00	40.2 AV	54.0	-13.8	1.82 H	193	27.7	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	120.2 PK			1.28 V	113	83.9	36.3
2	*2437.00	107.1 AV			1.28 V	113	70.8	36.3
3	4874.00	54.5 PK	74.0	-19.5	1.01 V	346	42.0	12.5
4	4874.00	40.4 AV	54.0	-13.6	1.01 V	346	27.9	12.5

Remarks:

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

RF Mode	802.11be (EHT20) 52-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2462.00	118.8 PK			2.26 H	147	82.5	36.3
2	*2462.00	106.1 AV			2.26 H	147	69.8	36.3
3	2483.50	69.4 PK	74.0	-4.6	2.26 H	147	33.1	36.3
4	2483.50	49.9 AV	54.0	-4.1	2.26 H	147	13.6	36.3
5	4924.00	54.3 PK	74.0	-19.7	2.60 H	233	41.8	12.5
6	4924.00	40.0 AV	54.0	-14.0	2.60 H	233	27.5	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	120.3 PK			1.28 V	113	84.0	36.3
2	*2462.00	108.3 AV			1.28 V	113	72.0	36.3
3	2483.50	69.9 PK	74.0	-4.1	1.28 V	113	33.6	36.3
4	2483.50	50.2 AV	54.0	-3.8	1.28 V	113	13.9	36.3
5	4924.00	54.6 PK	74.0	-19.4	2.81 V	191	42.1	12.5
6	4924.00	40.2 AV	54.0	-13.8	2.81 V	191	27.7	12.5

Remarks:

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

RF Mode	802.11be (EHT20) 106-tone RU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	2390.00	69.6 PK	74.0	-4.4	2.26 H	132	33.3	36.3
2	2390.00	49.8 AV	54.0	-4.2	2.26 H	132	13.5	36.3
3	*2412.00	113.5 PK			2.26 H	132	77.2	36.3
4	*2412.00	101.3 AV			2.26 H	132	65.0	36.3
5	4824.00	54.5 PK	74.0	-19.5	1.77 H	100	42.3	12.2
6	4824.00	39.7 AV	54.0	-14.3	1.77 H	100	27.5	12.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	72.2 PK	74.0	-1.8	1.28 V	141	35.9	36.3
2	2390.00	49.9 AV	54.0	-4.1	1.28 V	141	13.6	36.3
3	*2412.00	113.6 PK			1.28 V	141	77.3	36.3
4	*2412.00	102.4 AV			1.28 V	141	66.1	36.3
5	4824.00	54.8 PK	74.0	-19.2	3.82 V	302	42.6	12.2
6	4824.00	40.0 AV	54.0	-14.0	3.82 V	302	27.8	12.2

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) 106-tone RU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2437.00	115.2 PK			2.26 H	133	78.9	36.3
2	*2437.00	101.8 AV			2.26 H	133	65.5	36.3
3	4874.00	54.4 PK	74.0	-19.6	2.70 H	239	41.9	12.5
4	4874.00	40.2 AV	54.0	-13.8	2.70 H	239	27.7	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	115.9 PK			1.28 V	114	79.6	36.3
2	*2437.00	103.8 AV			1.28 V	114	67.5	36.3
3	4874.00	54.7 PK	74.0	-19.3	2.54 V	38	42.2	12.5
4	4874.00	40.4 AV	54.0	-13.6	2.54 V	38	27.9	12.5

Remarks:

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

RF Mode	802.11be (EHT20) 106-tone RU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Thomas Cheng		

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	*2462.00	114.4 PK			2.21 H	149	78.1	36.3
2	*2462.00	102.9 AV			2.21 H	149	66.6	36.3
3	2483.50	68.9 PK	74.0	-5.1	2.21 H	149	32.6	36.3
4	2483.50	50.2 AV	54.0	-3.8	2.21 H	149	13.9	36.3
5	4924.00	54.5 PK	74.0	-19.5	2.85 H	88	42.0	12.5
6	4924.00	40.1 AV	54.0	-13.9	2.85 H	88	27.6	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	117.5 PK			1.28 V	114	81.2	36.3
2	*2462.00	105.2 AV			1.28 V	114	68.9	36.3
3	2483.50	71.1 PK	74.0	-2.9	1.28 V	114	34.8	36.3
4	2483.50	51.3 AV	54.0	-2.7	1.28 V	114	15.0	36.3
5	4924.00	54.7 PK	74.0	-19.3	3.71 V	147	42.2	12.5
6	4924.00	40.4 AV	54.0	-13.6	3.71 V	147	27.9	12.5

Remarks:

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

RF Mode	802.11be (EHT20) 52+26-tone MRU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	2390.00	72.0 PK	74.0	-2.0	2.07 H	129	35.7	36.3
2	2390.00	49.0 AV	54.0	-5.0	2.07 H	129	12.7	36.3
3	*2412.00	113.2 PK			2.07 H	129	76.9	36.3
4	*2412.00	101.2 AV			2.07 H	129	64.9	36.3
5	4824.00	54.6 PK	74.0	-19.4	1.73 H	225	42.4	12.2
6	4824.00	39.4 AV	54.0	-14.6	1.73 H	225	27.2	12.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	71.0 PK	74.0	-3.0	1.16 V	119	34.7	36.3
2	2390.00	49.5 AV	54.0	-4.5	1.16 V	119	13.2	36.3
3	*2412.00	113.8 PK			1.16 V	119	77.5	36.3
4	*2412.00	102.2 AV			1.16 V	119	65.9	36.3
5	4824.00	54.8 PK	74.0	-19.2	2.23 V	146	42.6	12.2
6	4824.00	39.6 AV	54.0	-14.4	2.23 V	146	27.4	12.2

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) 52+26-tone MRU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	*2437.00	113.3 PK			2.11 H	126	77.0	36.3
2	*2437.00	101.3 AV			2.11 H	126	65.0	36.3
3	4874.00	55.1 PK	74.0	-18.9	1.62 H	218	42.6	12.5
4	4874.00	39.8 AV	54.0	-14.2	1.62 H	218	27.3	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	114.1 PK			1.12 V	126	77.8	36.3
2	*2437.00	102.5 AV			1.12 V	126	66.2	36.3
3	4874.00	55.3 PK	74.0	-18.7	2.14 V	149	42.8	12.5
4	4874.00	40.1 AV	54.0	-13.9	2.14 V	149	27.6	12.5

Remarks:

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

RF Mode	802.11be (EHT20) 52+26-tone MRU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	*2462.00	114.0 PK			2.08 H	191	77.7	36.3
2	*2462.00	101.9 AV			2.08 H	191	65.6	36.3
3	2483.50	73.1 PK	74.0	-0.9	2.08 H	191	36.8	36.3
4	2483.50	50.0 AV	54.0	-4.0	2.08 H	191	13.7	36.3
5	4924.00	54.8 PK	74.0	-19.2	2.21 H	146	42.3	12.5
6	4924.00	39.6 AV	54.0	-14.4	2.21 H	146	27.1	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#2422.00	117.5 PK			1.25 V	111	81.2	36.3
2	#2422.00	105.4 AV			1.25 V	111	69.1	36.3
3	2483.50	73.8 PK	74.0	-0.2	1.25 V	111	37.5	36.3
4	2483.50	50.5 AV	54.0	-3.5	1.25 V	111	14.2	36.3
5	4924.00	54.8 PK	74.0	-19.2	2.21 V	146	42.3	12.5
6	4924.00	39.6 AV	54.0	-14.4	2.21 V	146	27.1	12.5

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, the limit was restricted at the Conducted Out of Band Emissions.

RF Mode	802.11be (EHT20) 106+26-tone MRU	Channel	CH 1 : 2412 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	2390.00	70.3 PK	74.0	-3.7	2.12 H	138	34.0	36.3
2	2390.00	52.4 AV	54.0	-1.6	2.12 H	138	16.1	36.3
3	*2412.00	113.4 PK			2.12 H	138	77.1	36.3
4	*2412.00	101.4 AV			2.12 H	138	65.1	36.3
5	4824.00	54.4 PK	74.0	-19.6	2.31 H	186	42.2	12.2
6	4824.00	39.4 AV	54.0	-14.6	2.31 H	186	27.2	12.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	70.8 PK	74.0	-3.2	1.16 V	120	34.5	36.3
2	2390.00	51.1 AV	54.0	-2.9	1.16 V	120	14.8	36.3
3	*2412.00	113.5 PK			1.16 V	120	77.2	36.3
4	*2412.00	101.6 AV			1.16 V	120	65.3	36.3
5	4824.00	54.7 PK	74.0	-19.3	2.34 V	183	42.5	12.2
6	4824.00	39.6 AV	54.0	-14.4	2.34 V	183	27.4	12.2

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) 106+26-tone MRU	Channel	CH 6 : 2437 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	*2437.00	113.6 PK			2.21 H	135	77.3	36.3
2	*2437.00	101.5 AV			2.21 H	135	65.2	36.3
3	4874.00	55.1 PK	74.0	-18.9	2.73 H	157	42.6	12.5
4	4874.00	39.9 AV	54.0	-14.1	2.73 H	157	27.4	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	113.8 PK			1.12 V	123	77.5	36.3
2	*2437.00	101.8 AV			1.12 V	123	65.5	36.3
3	4874.00	55.3 PK	74.0	-18.7	2.16 V	169	42.8	12.5
4	4874.00	40.1 AV	54.0	-13.9	2.16 V	169	27.6	12.5

Remarks:

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

RF Mode	802.11be (EHT20) 106+26-tone MRU	Channel	CH 11 : 2462 MHz
Frequency Range	1 GHz ~ 25 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	22.3 °C, 69.7% RH
Tested By	Vincent 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	*2462.00	113.4 PK			2.23 H	144	77.1	36.3
2	*2462.00	101.1 AV			2.23 H	144	64.8	36.3
3	2483.50	67.3 PK	74.0	-6.7	2.23 H	144	31.0	36.3
4	2483.50	50.1 AV	54.0	-3.9	2.23 H	144	13.8	36.3
5	4924.00	55.0 PK	74.0	-19.0	1.35 H	227	42.5	12.5
6	4924.00	39.8 AV	54.0	-14.2	1.35 H	227	27.3	12.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	117.0 PK			1.23 V	114	80.7	36.3
2	*2462.00	104.5 AV			1.23 V	114	68.2	36.3
3	2483.50	73.5 PK	74.0	-0.5	1.23 V	114	37.2	36.3
4	2483.50	53.2 AV	54.0	-0.8	1.23 V	114	16.9	36.3
5	4924.00	55.2 PK	74.0	-18.8	2.01 V	182	42.7	12.5
6	4924.00	40.0 AV	54.0	-14.0	2.01 V	182	27.5	12.5

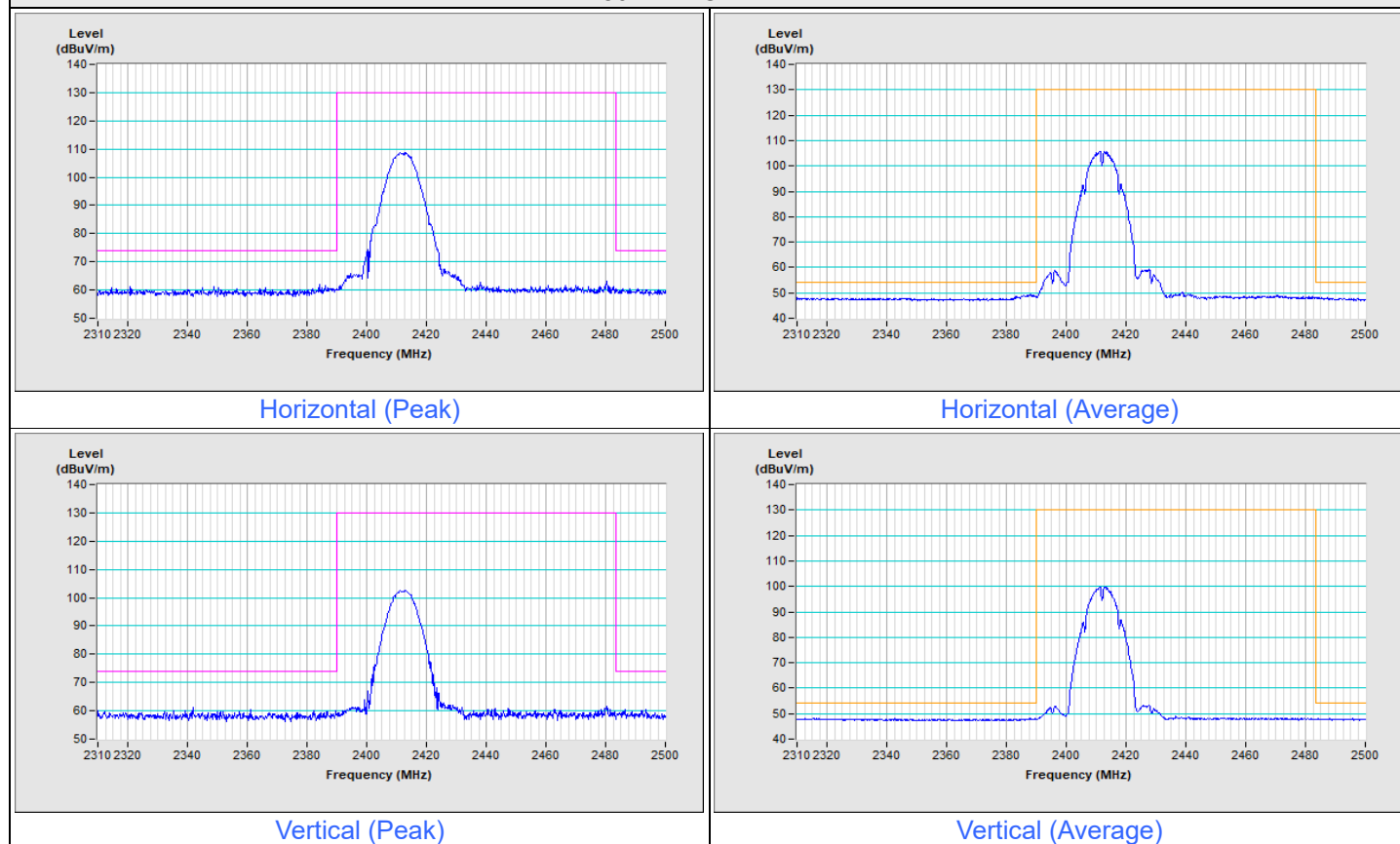
Remarks:

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.

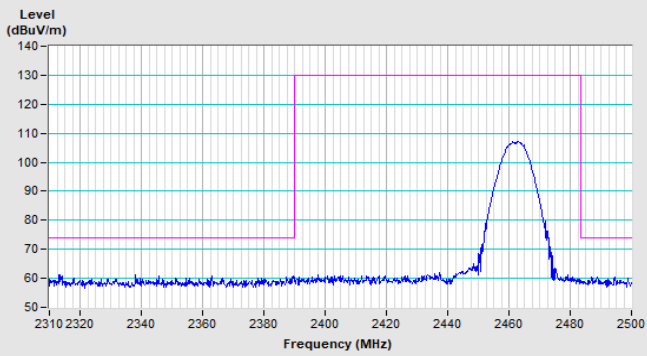
Plot of Band Edge

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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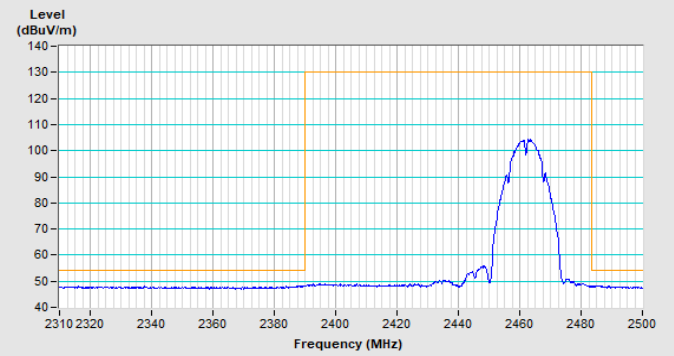
802.11b Channel 1



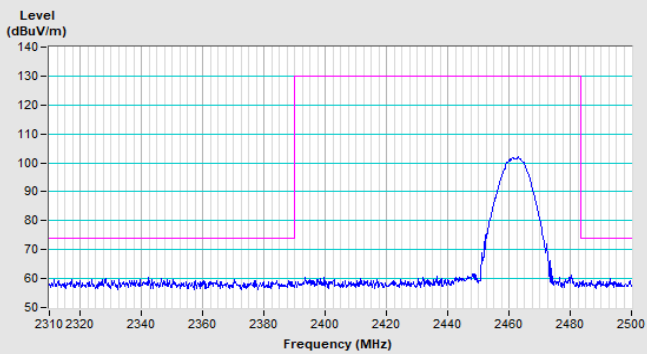
802.11b Channel 11



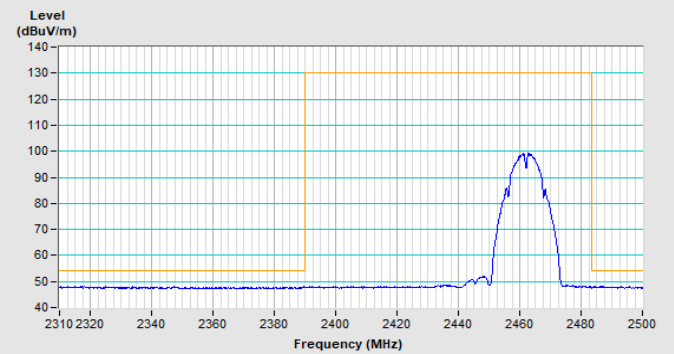
Horizontal (Peak)



Horizontal (Average)



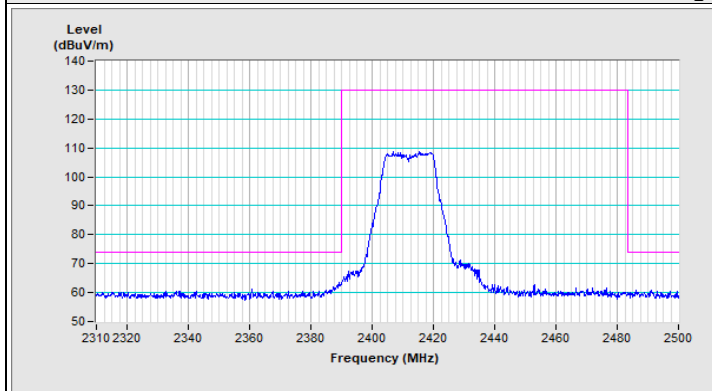
Vertical (Peak)



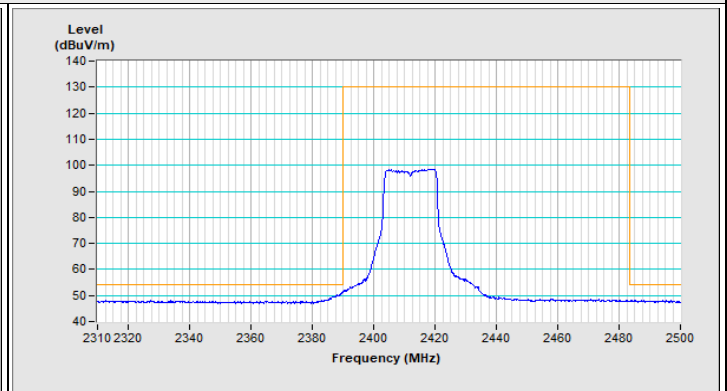
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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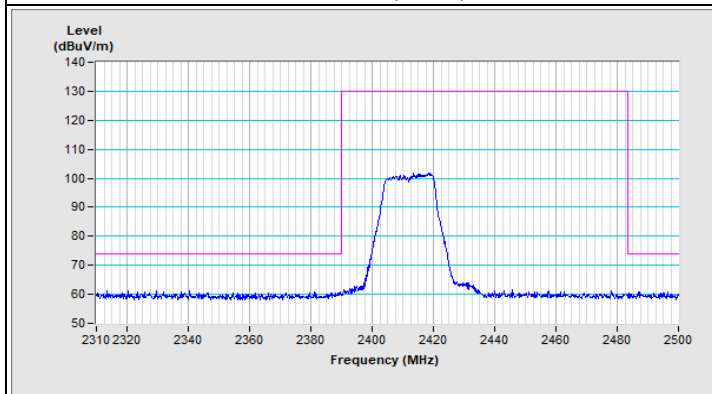
802.11g Channel 1



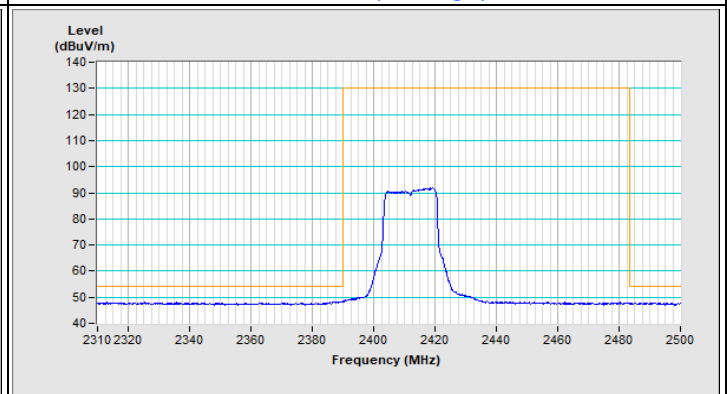
Horizontal (Peak)



Horizontal (Average)

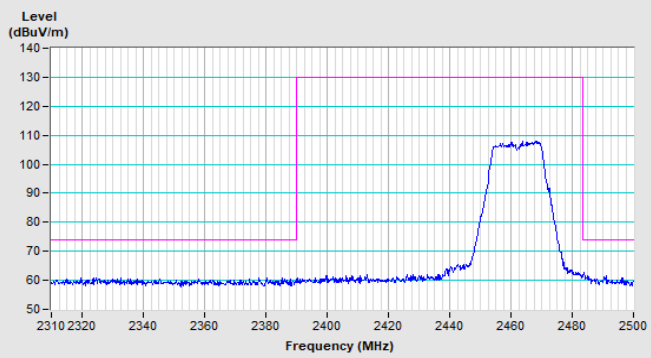


Vertical (Peak)

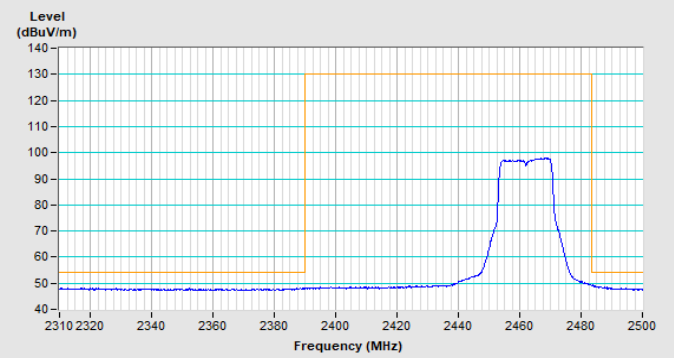


Vertical (Average)

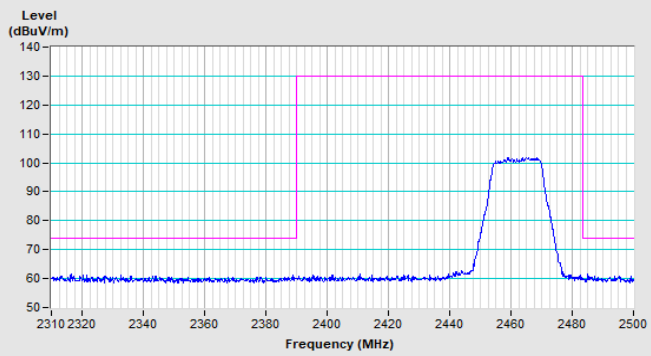
802.11g Channel 11



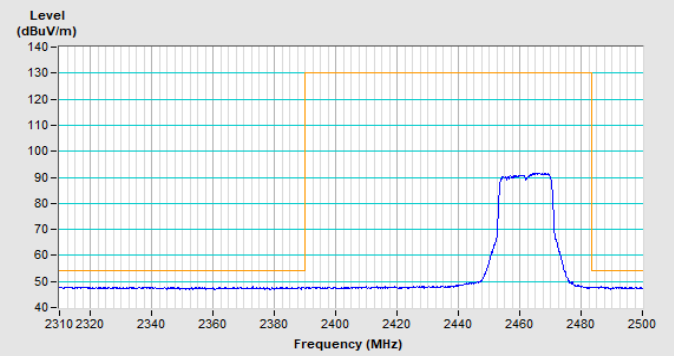
Horizontal (Peak)



Horizontal (Average)



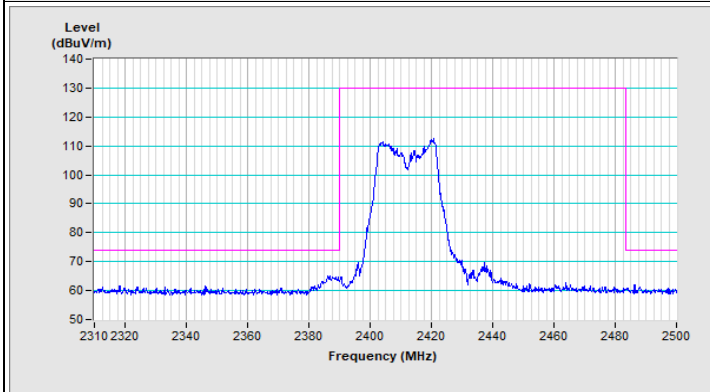
Vertical (Peak)



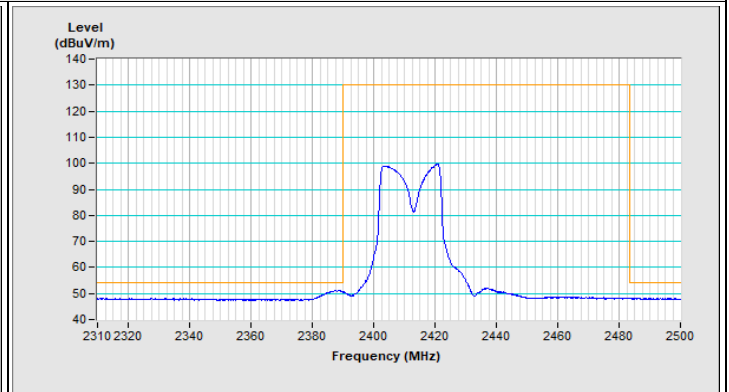
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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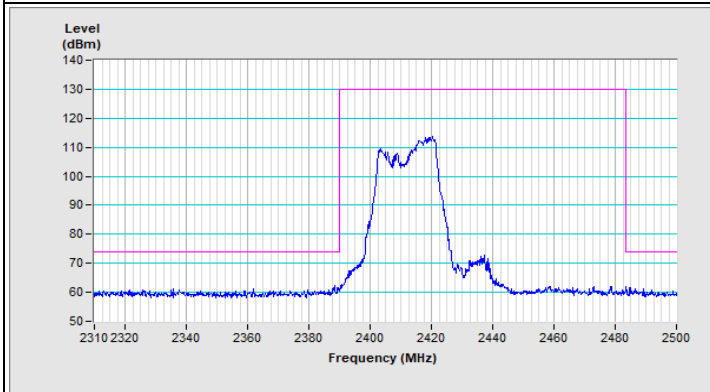
802.11be (EHT20) Channel 1



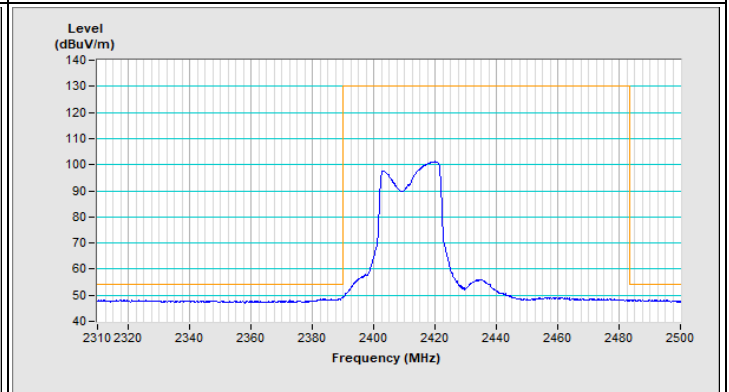
Horizontal (Peak)



Horizontal (Average)

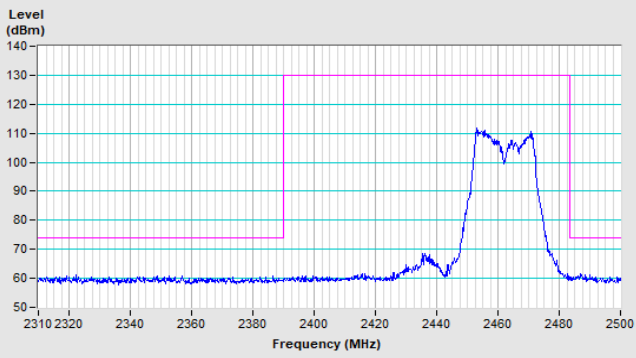


Vertical (Peak)

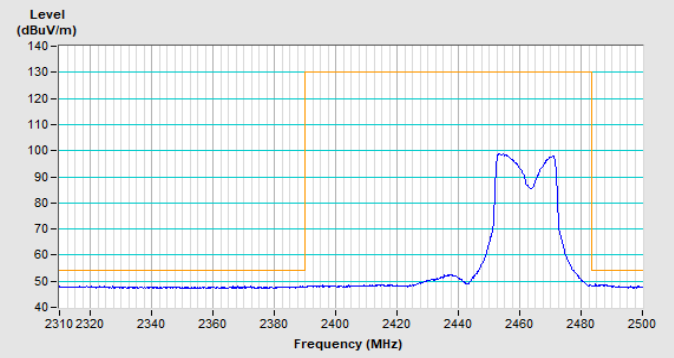


Vertical (Average)

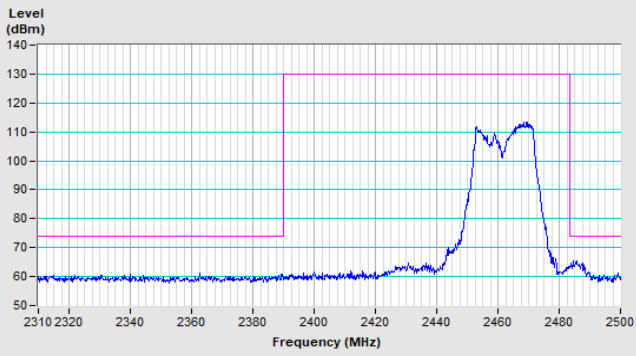
802.11be (EHT20) Channel 11



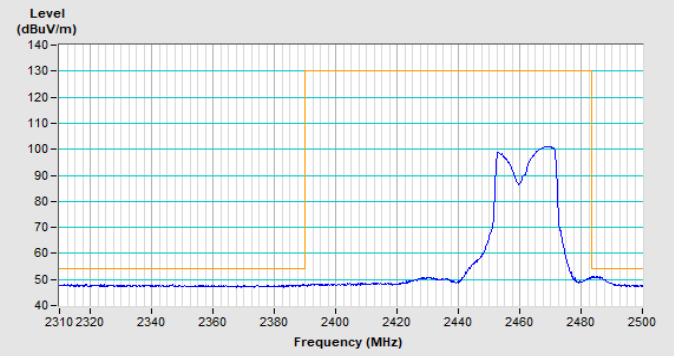
Horizontal (Peak)



Horizontal (Average)



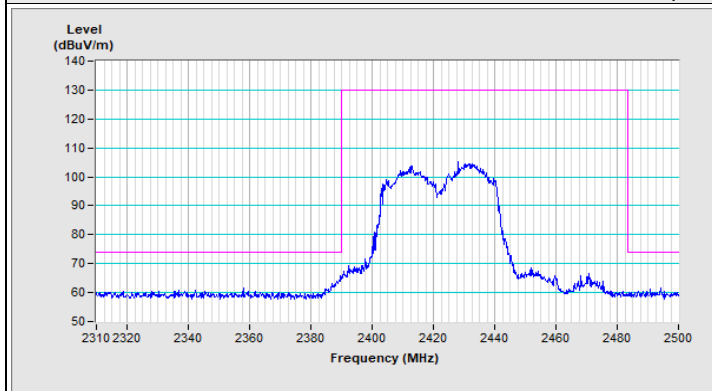
Vertical (Peak)



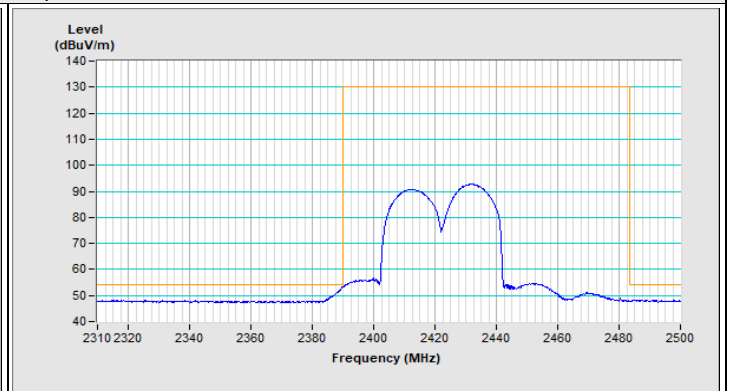
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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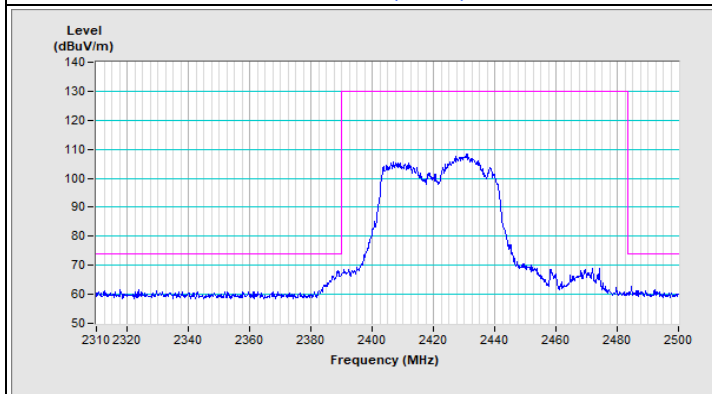
802.11be (EHT40) Channel 3



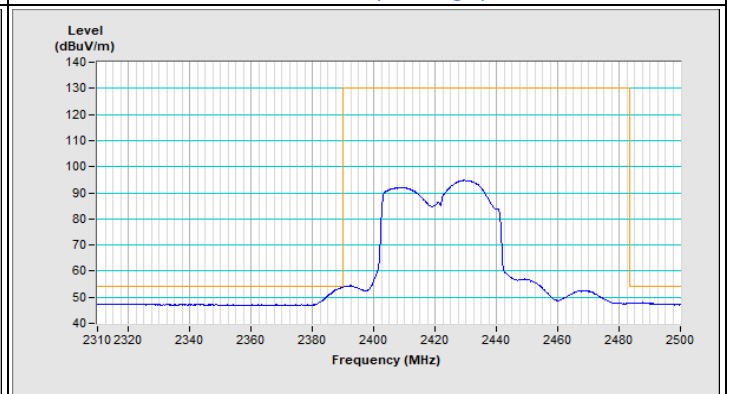
Horizontal (Peak)



Horizontal (Average)

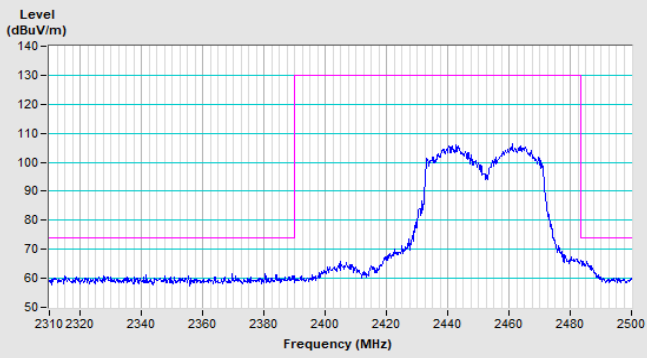


Vertical (Peak)

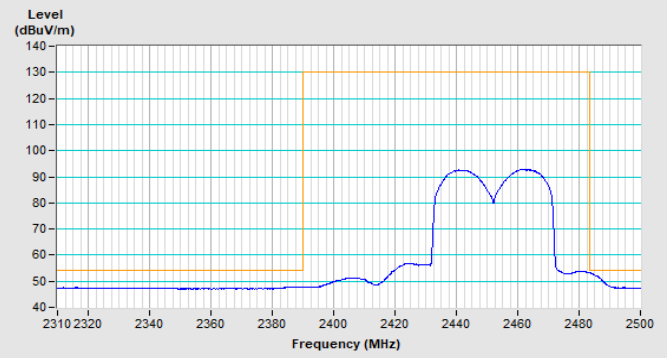


Vertical (Average)

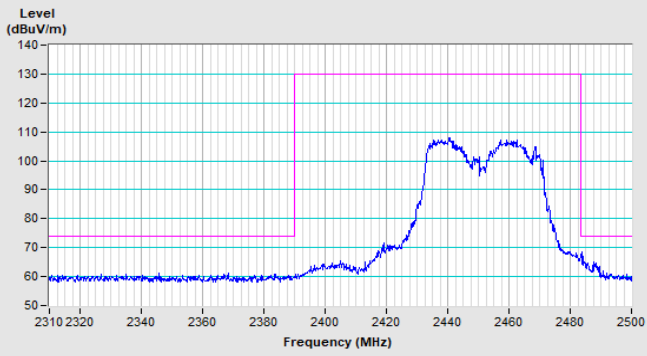
802.11be (EHT40) Channel 9



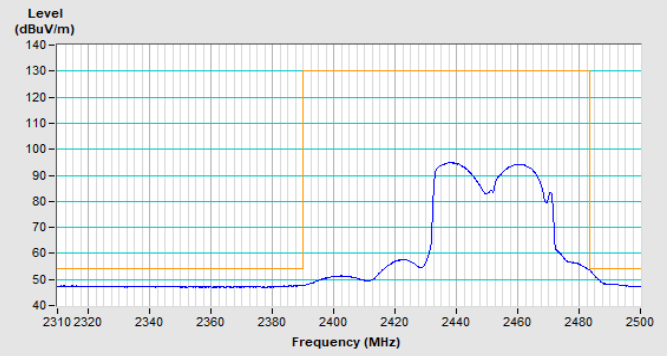
Horizontal (Peak)



Horizontal (Average)



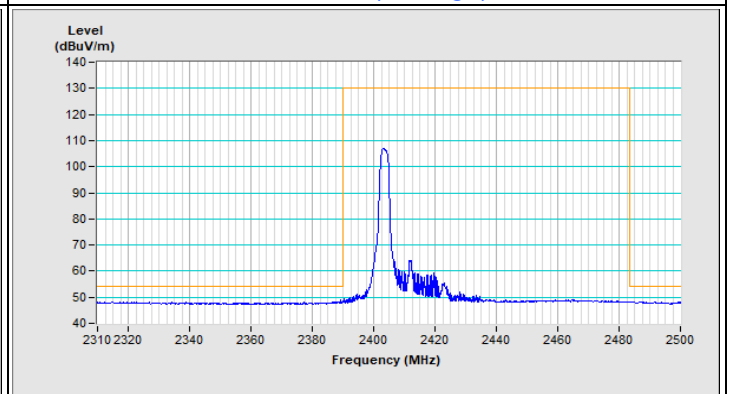
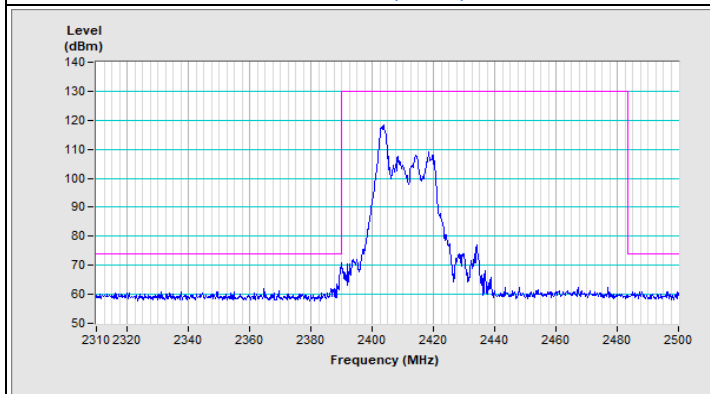
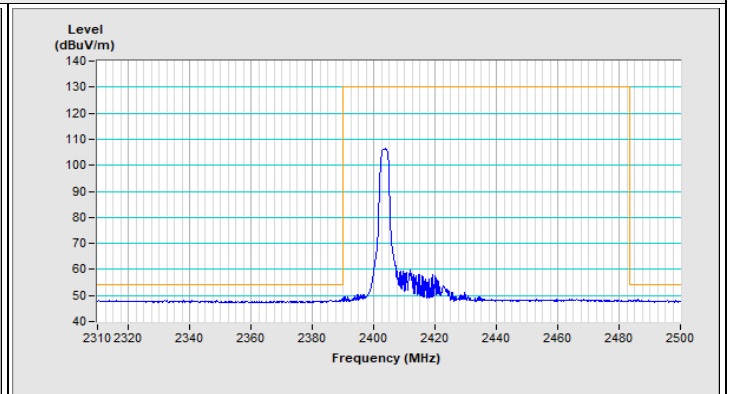
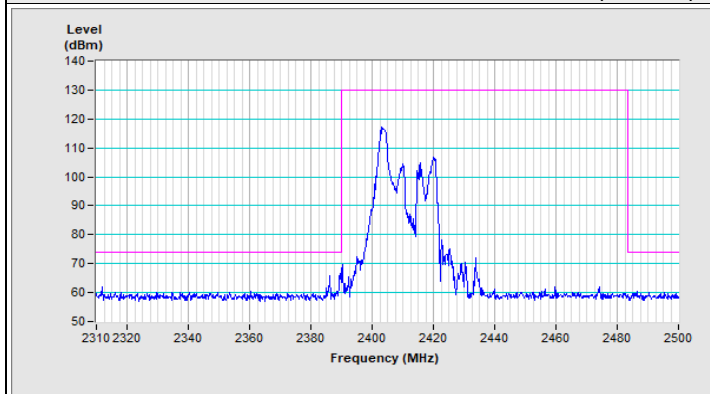
Vertical (Peak)



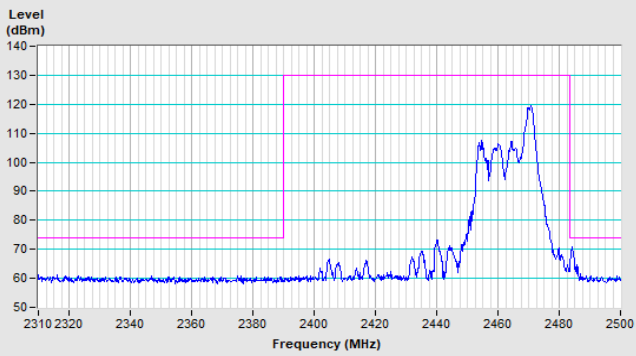
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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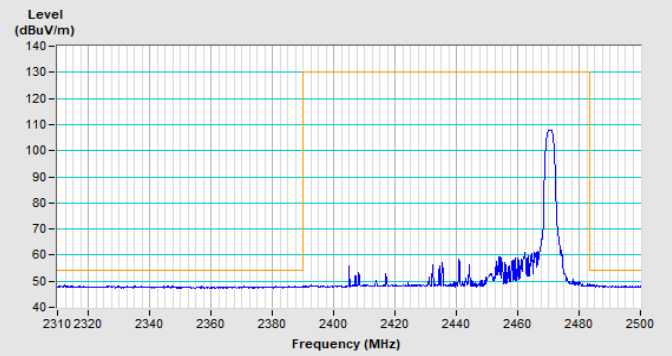
802.11be (EHT20) 26-tone RU Channel 1



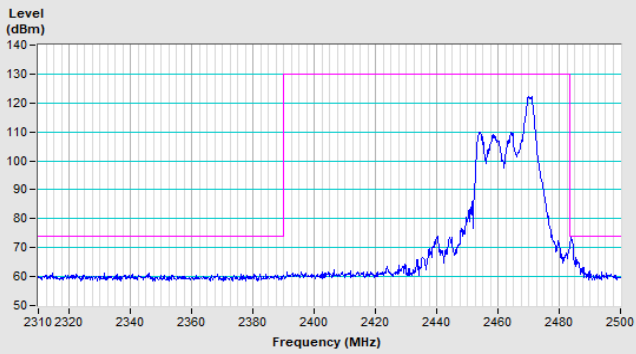
802.11be (EHT20) 26-tone RU Channel 11



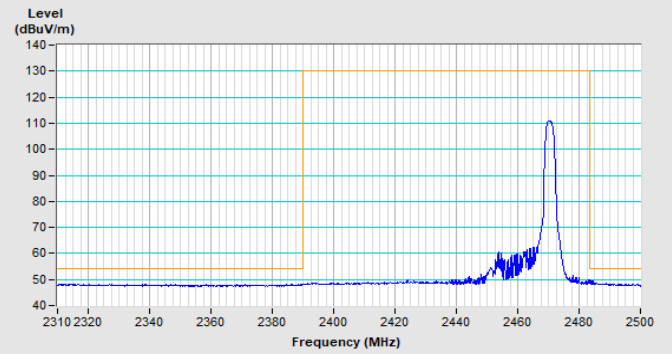
Horizontal (Peak)



Horizontal (Average)



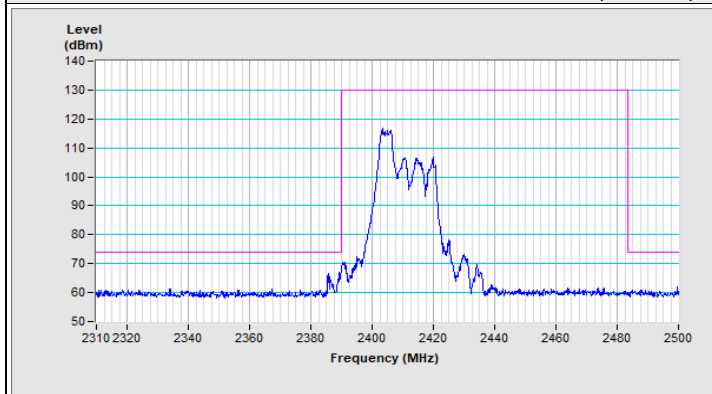
Vertical (Peak)



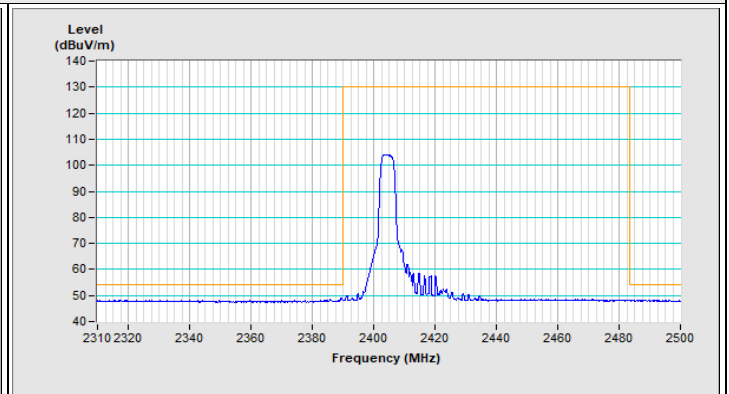
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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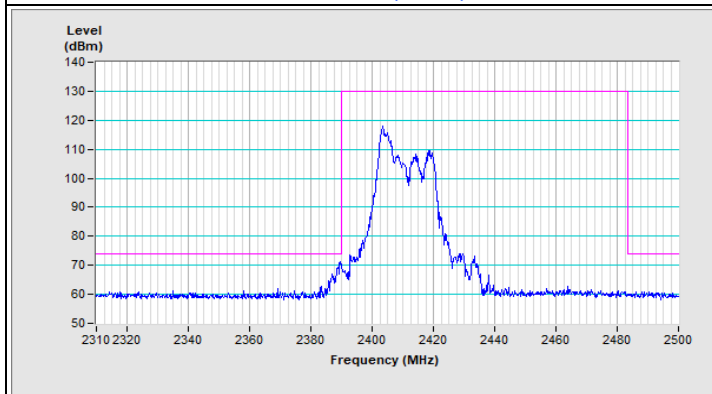
802.11be (EHT20) 52-tone RU Channel 1



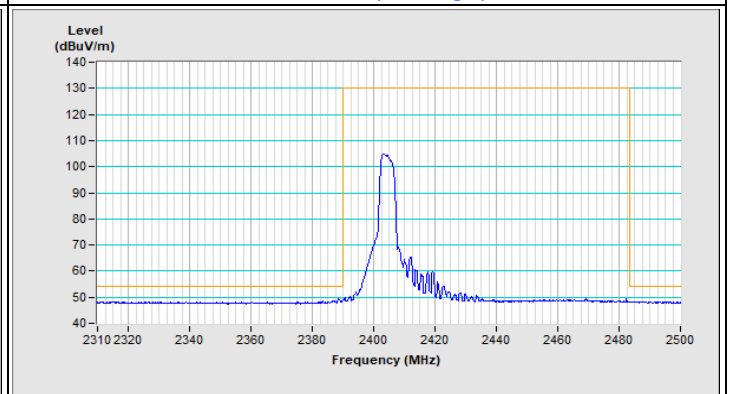
Horizontal (Peak)



Horizontal (Average)

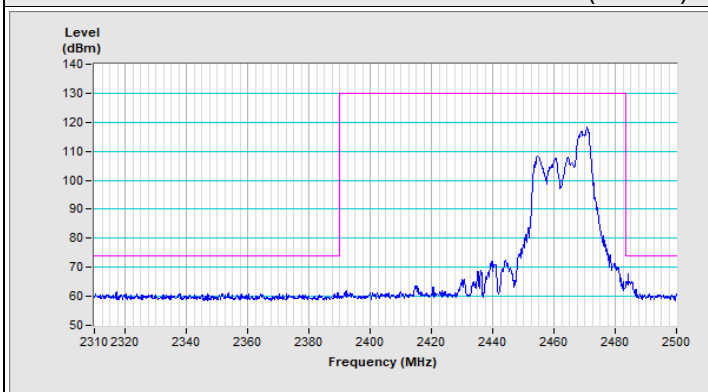


Vertical (Peak)

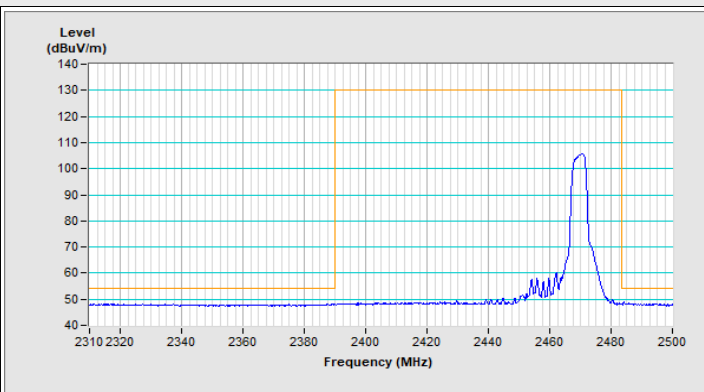


Vertical (Average)

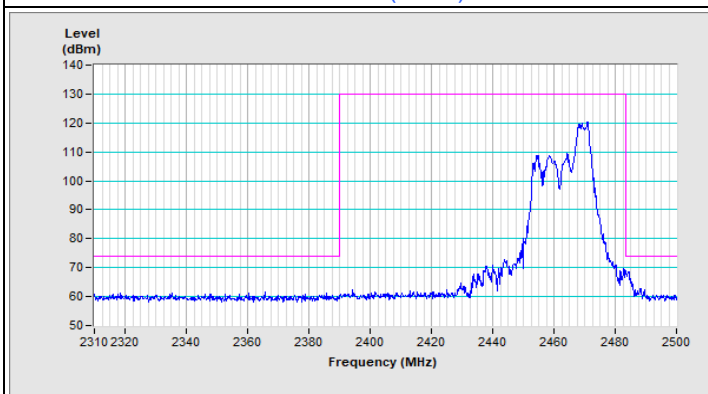
802.11be (EHT20) 52-tone RU Channel 11



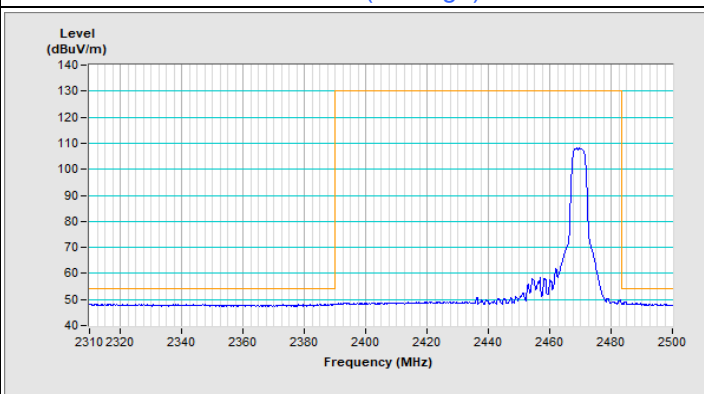
Horizontal (Peak)



Horizontal (Average)



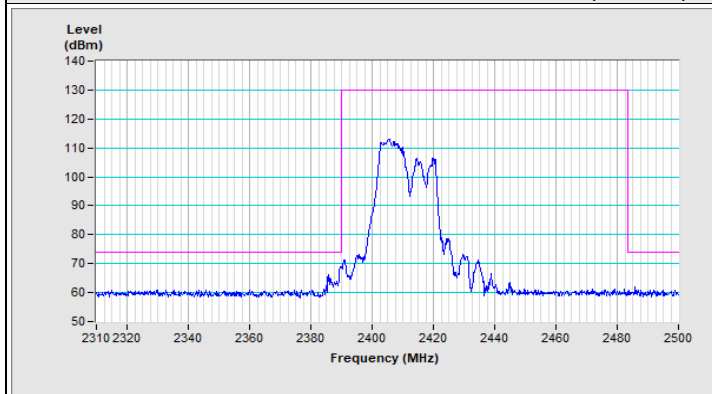
Vertical (Peak)



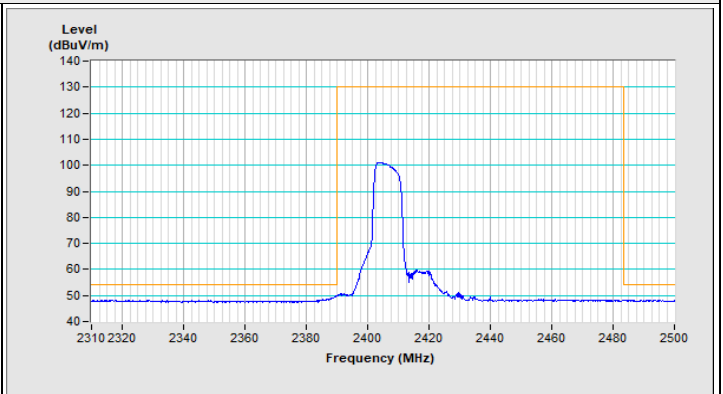
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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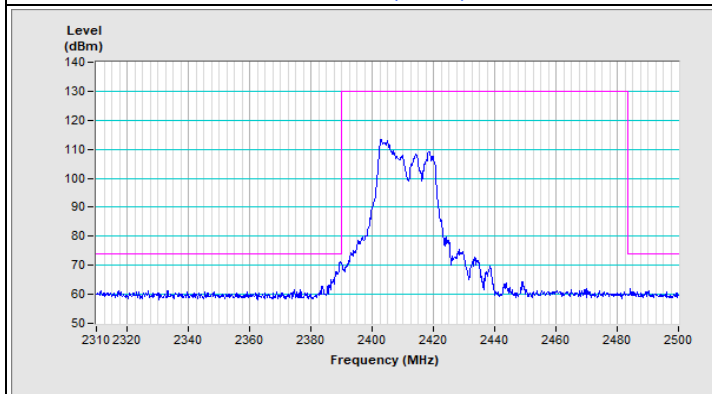
802.11be (EHT20) 106-tone RU Channel 1



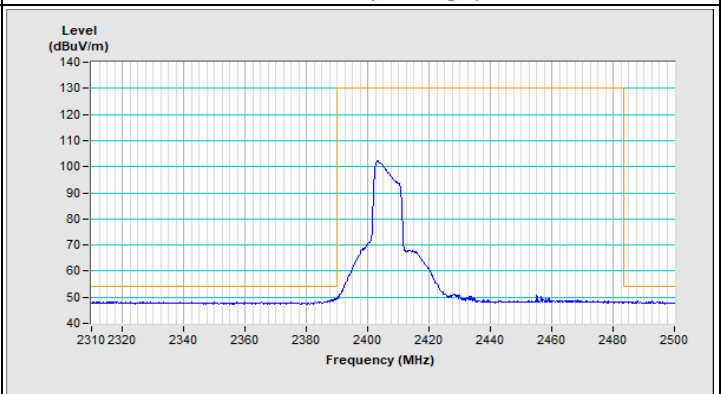
Horizontal (Peak)



Horizontal (Average)

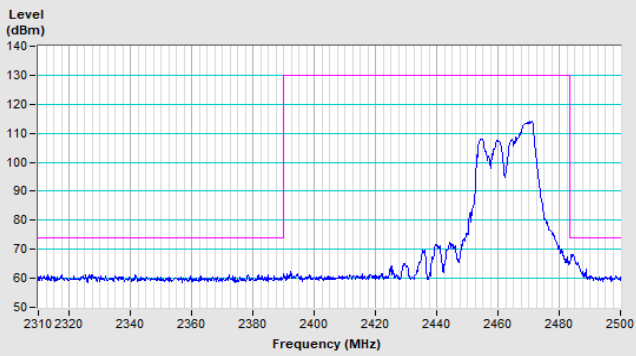


Vertical (Peak)

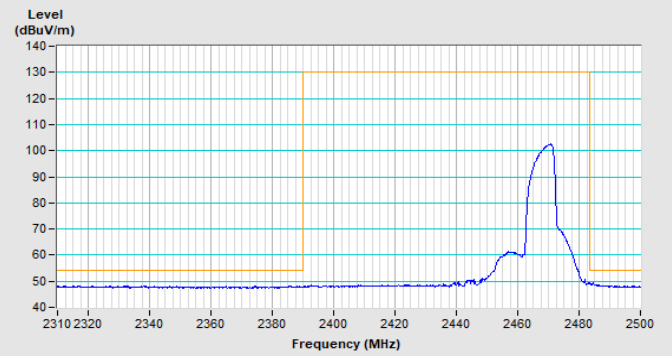


Vertical (Average)

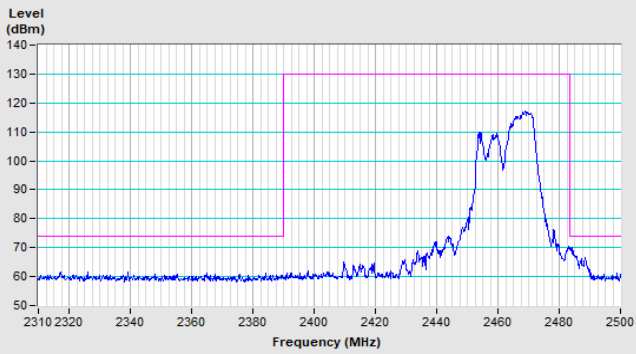
802.11be (EHT20) 106-tone RU Channel 11



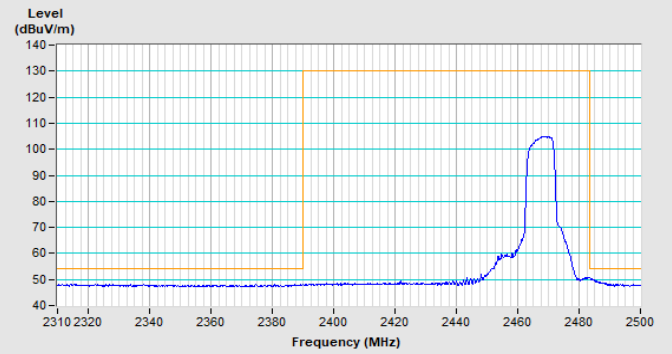
Horizontal (Peak)



Horizontal (Average)



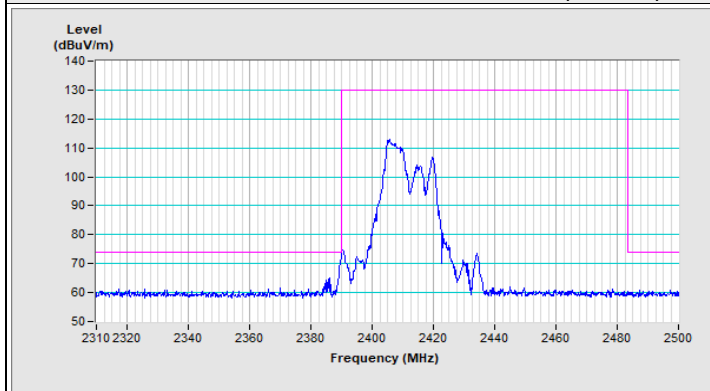
Vertical (Peak)



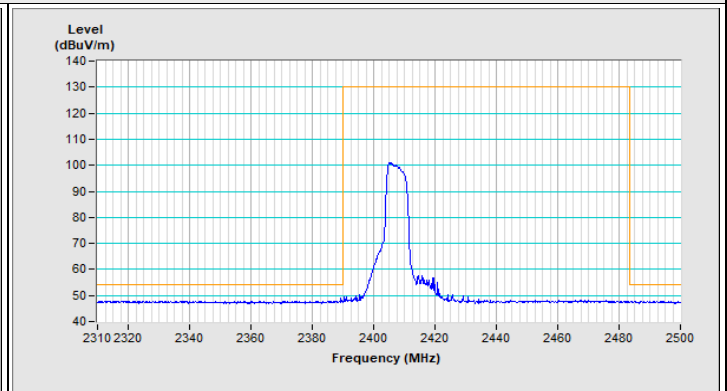
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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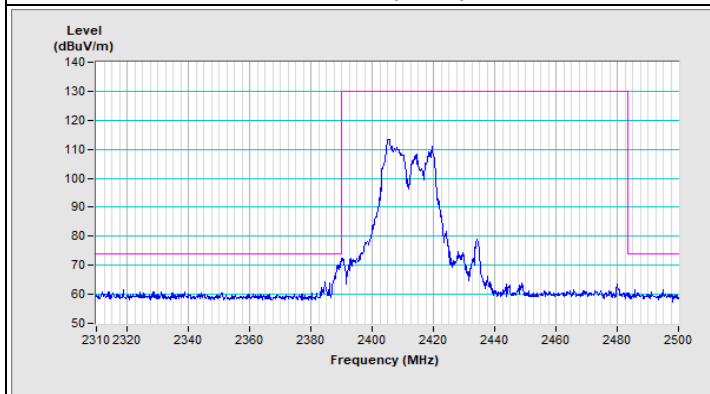
802.11be (EHT20) 52+26-tone MRU Channel 1



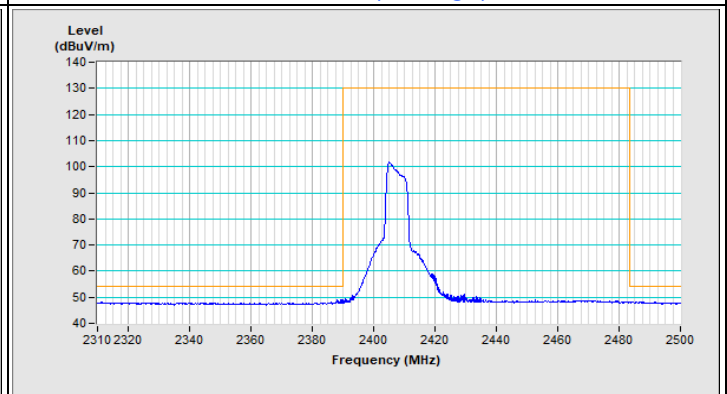
Horizontal (Peak)



Horizontal (Average)

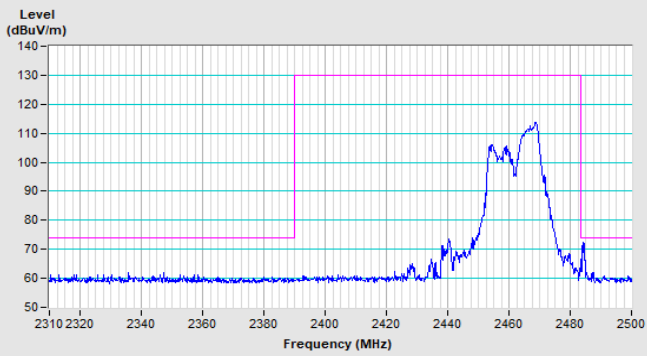


Vertical (Peak)

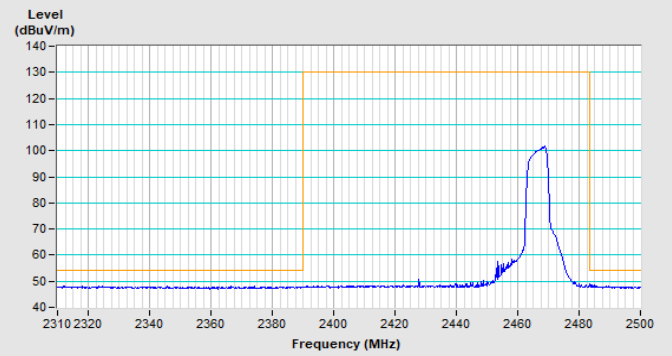


Vertical (Average)

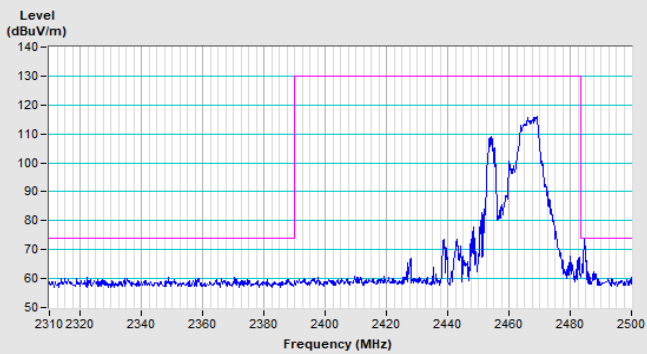
802.11be (EHT20) 52+26-tone MRU Channel 11



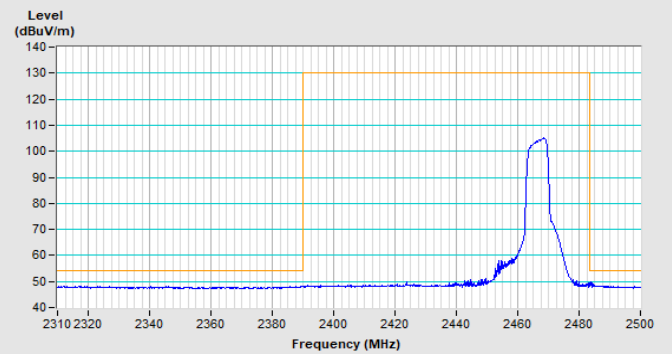
Horizontal (Peak)



Horizontal (Average)



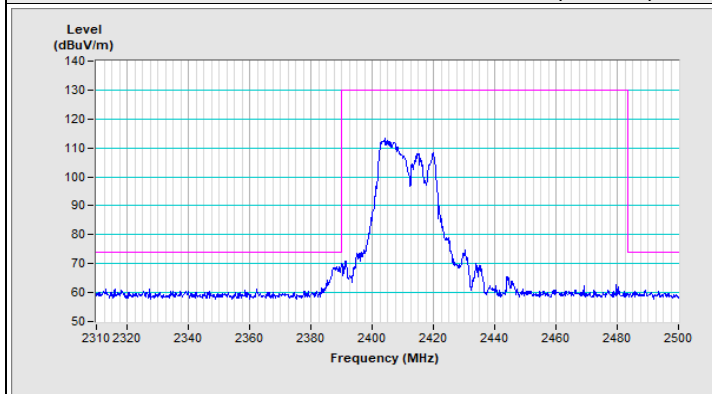
Vertical (Peak)



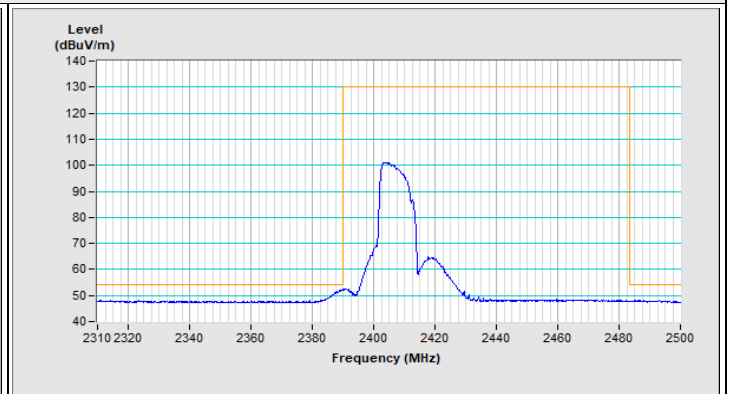
Vertical (Average)

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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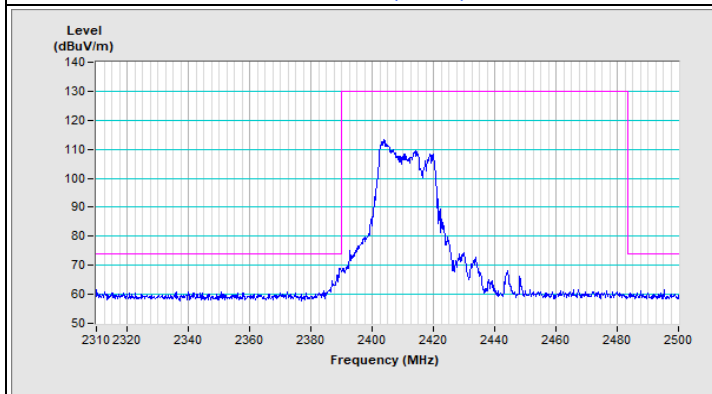
802.11be (EHT20) 106+26-tone MRU Channel 1



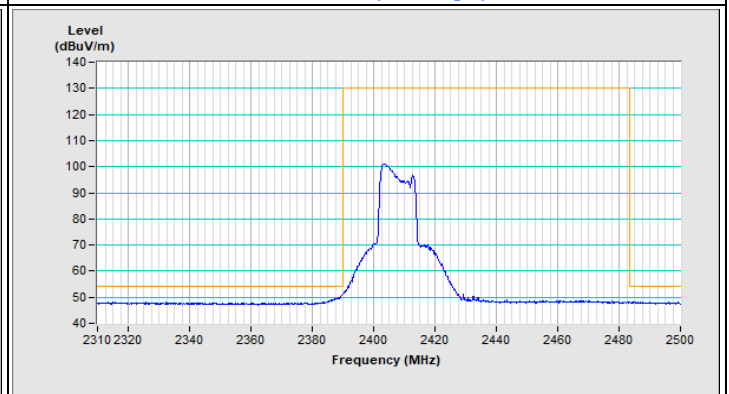
Horizontal (Peak)



Horizontal (Average)

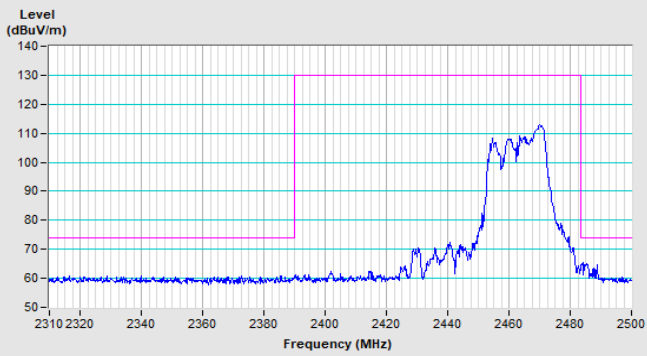


Vertical (Peak)

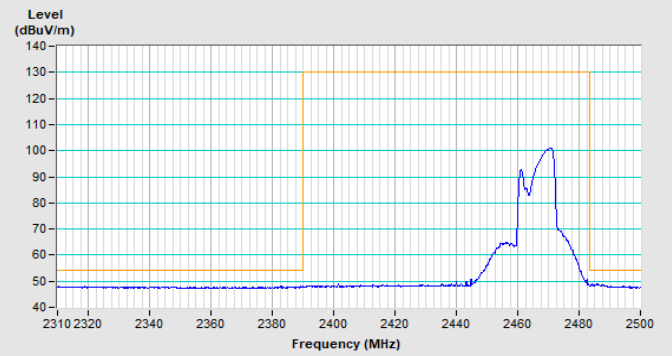


Vertical (Average)

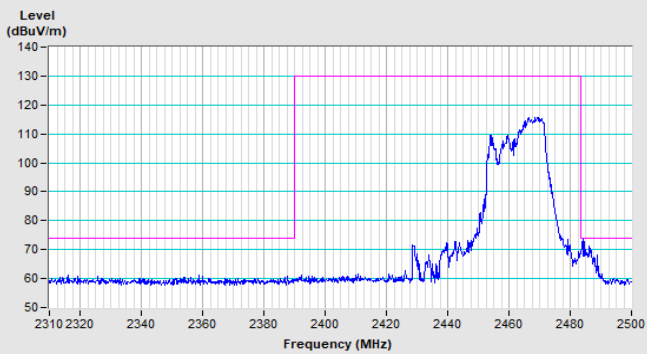
802.11be (EHT20) 106+26-tone MRU Channel 11



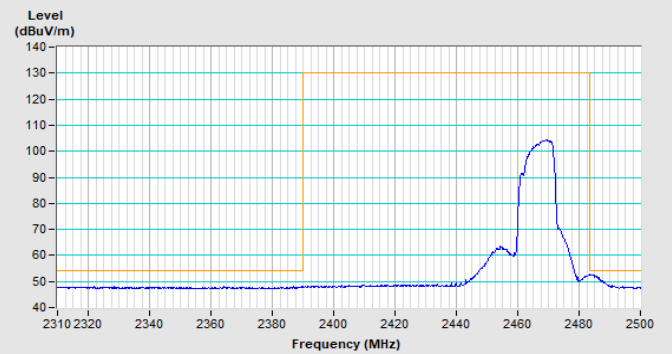
Horizontal (Peak)



Horizontal (Average)



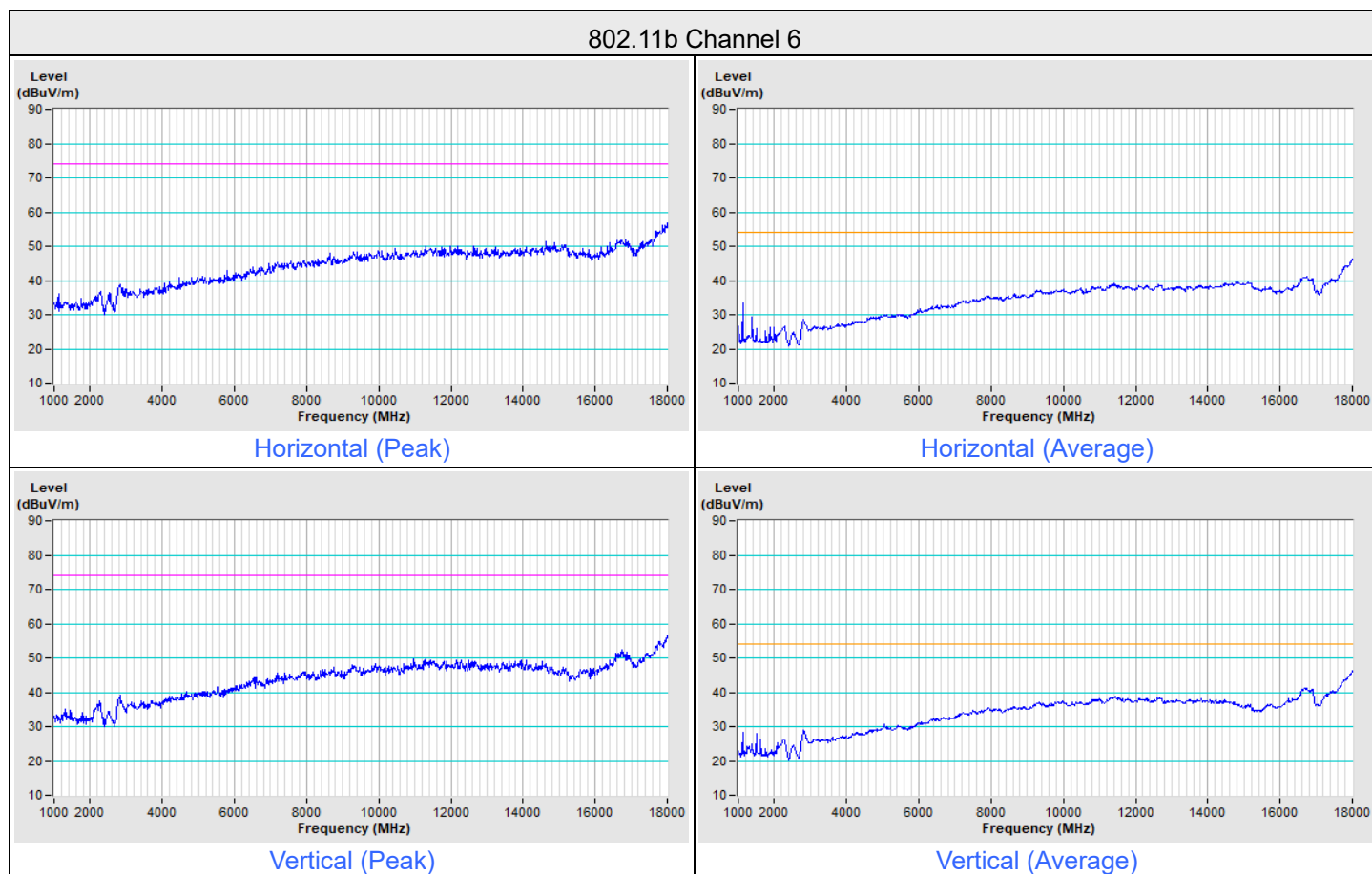
Vertical (Peak)



Vertical (Average)

Plot of Other Emission

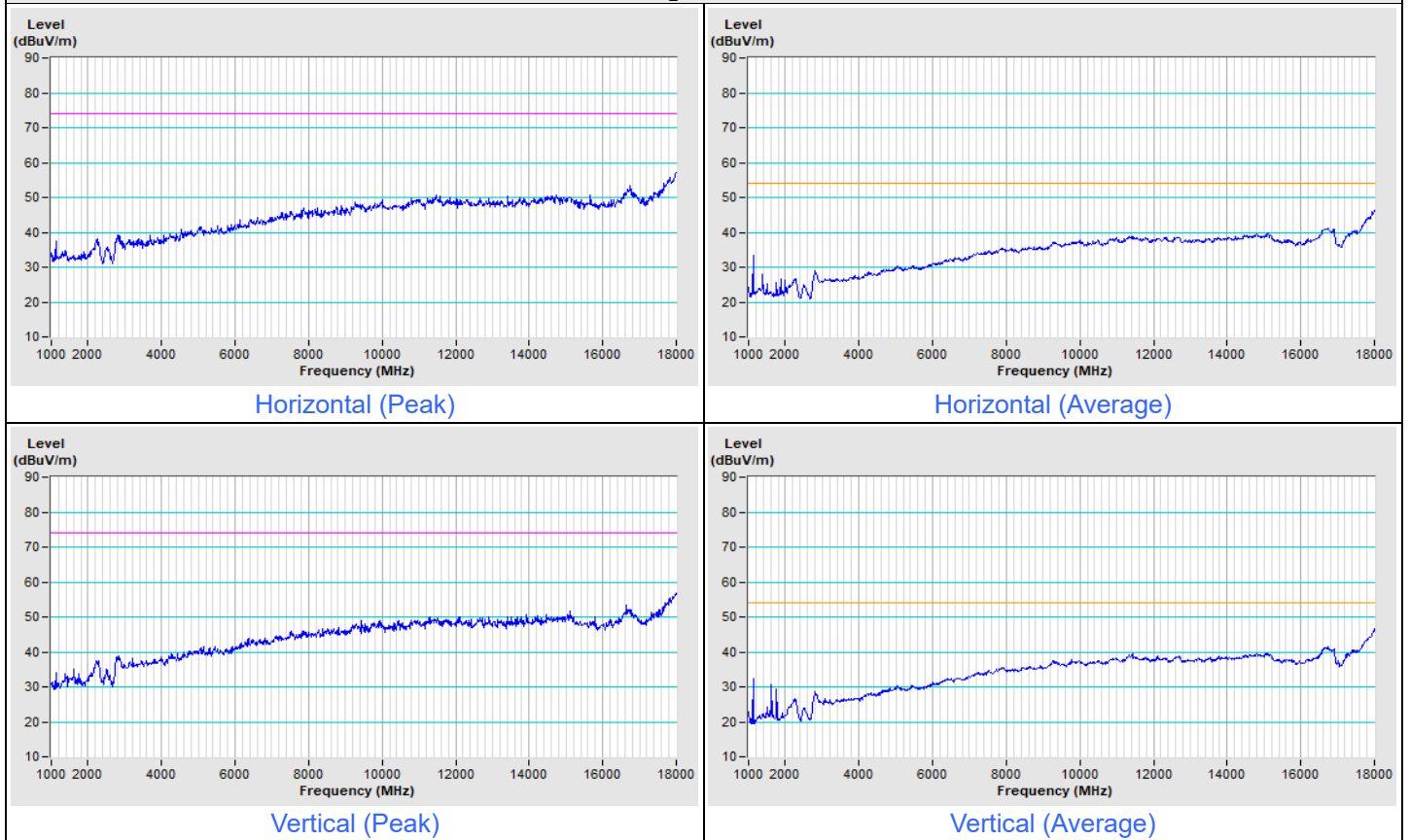
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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Note: For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.

Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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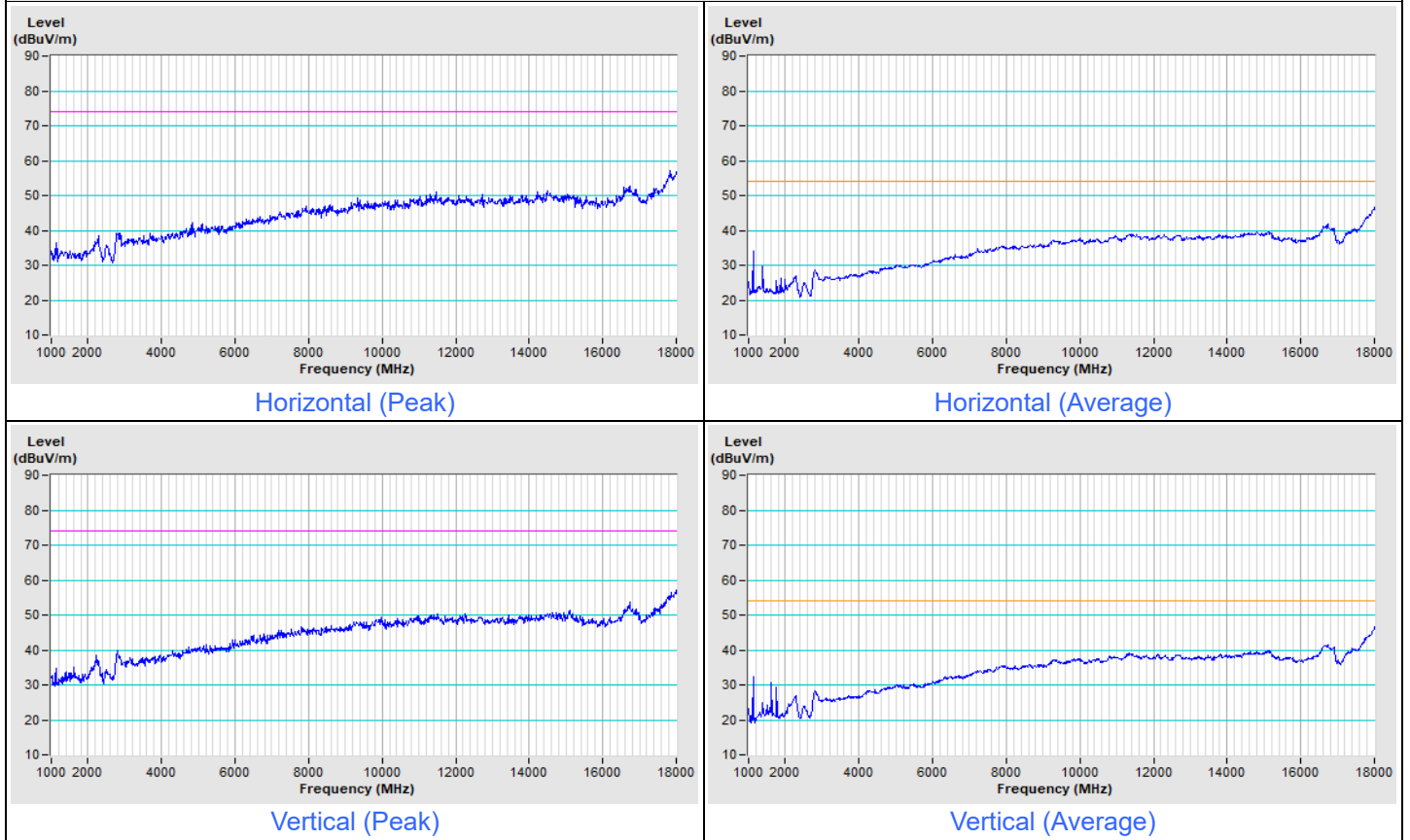
802.11g Channel 11



Note: For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.

Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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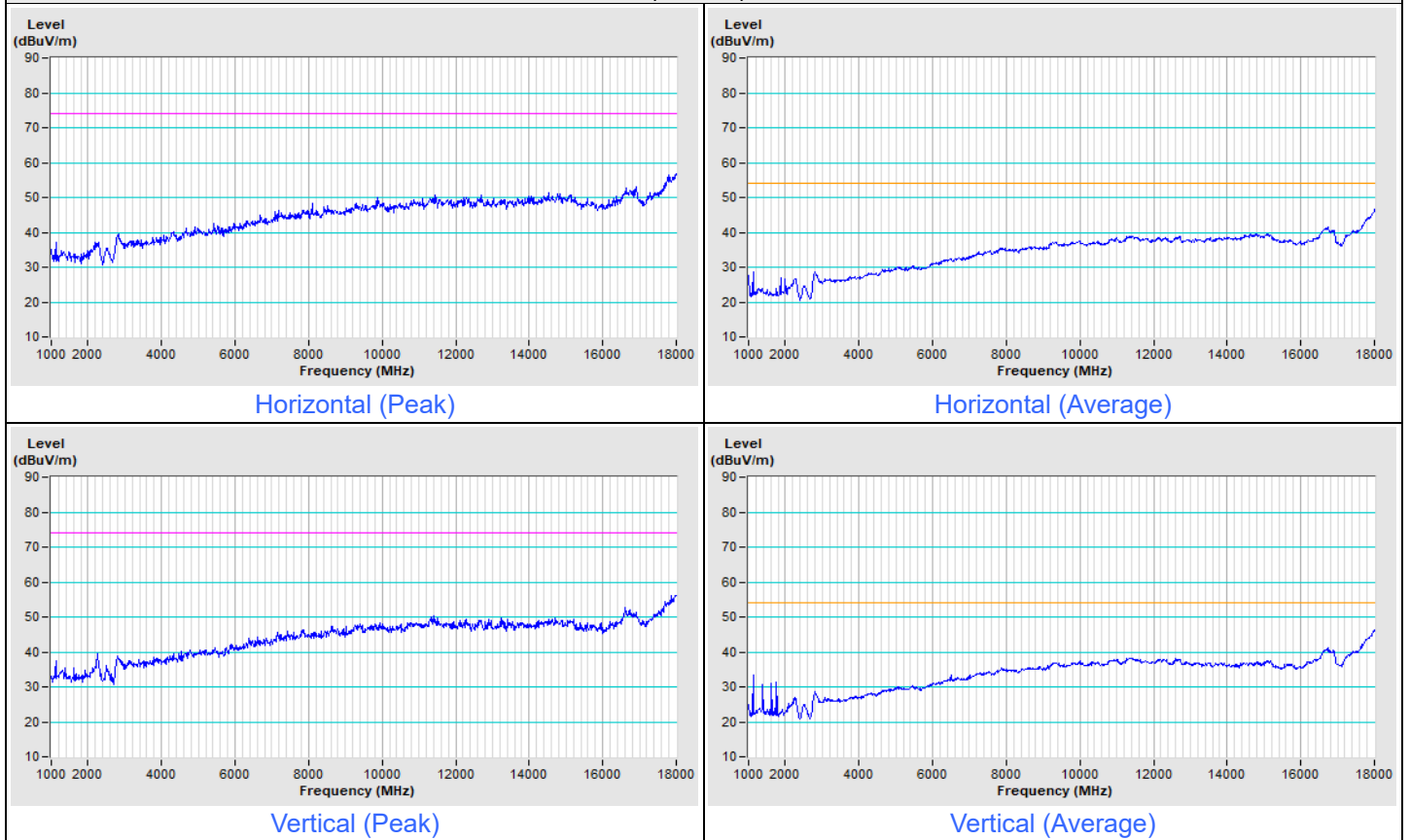
802.11be (EHT20) Channel 11



Note: For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.

Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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802.11be (EHT40) Channel 6



Note: For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

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

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

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