

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)
Report No.: RFCVSF-WTW-P25090815
FCC ID: PKRISGM4020
Product: Wireless Hotspot
Brand: Inseego
Model No.: M4020
Received Date: 2025/10/2
Test Date: 2025/10/30 ~ 2025/12/11
Issued Date: 2025/12/31
Applicant: Inseego Corp.
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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration /
Designation Number: 788550 / TW0003

Approved by:

Jeremy Lin

Jeremy Lin / Project Engineer

, Date: 2025/12/31

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Prepared by : Celine Chou / Senior Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFCVSF-WTW-P25090815	Original release.	2025/12/31

1 Certificate

Product: Wireless Hotspot
Brand: Inseego
Test Model: M4020
Sample Status: Engineering sample
Applicant: Inseego Corp.
Test Date: 2025/10/30 ~ 2025/12/11
Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)
Measurement procedure: ANSI C63.10-2020
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 EMC 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 -10.03 dB at 0.42354 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -2.9 dB at 58.12 MHz
15.205 / 15.209 / 15.247(d)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.3 dB at 2390.00 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	3.59 dB
	30 MHz ~ 1 GHz	3.64 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	2.29 dB
	18 GHz ~ 40 GHz	2.29 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description

Product	Wireless Hotspot
Brand	Inseego
Test Model	M4020
Market Model Name	M4000
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	334.865 mW (25.25 dBm)

Note:

1. The EUT uses following accessories.

Item	Brand	Model	Specification	P/N
AC Adapter 1	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	-
AC Adapter 2	Orbic	OACH023US1	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 1	inseego	-	Signal Line: 1.0 m, shielded	CAB-60723090
USB Cable 2	KANGYIN	-	Signal Line: 1.0 m, shielded	OAUC023US1
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

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

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 Net Gain (dBi)	Frequency Range	Antenna Type	Connector Type
WIFI-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
WIFI-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)	1RX (Diversity)
802.11g	1TX (Diversity)	1RX (Diversity)
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. The AC Adapter has the following models: AC Adapter 1 / AC Adapter 2. Pre-scan these models of AC Adapters and find the worst case as a representative test condition. 3. The USB Cable has the following models: USB Cable 1 / USB Cable 2. Pre-scan these models of AC Adapters and find the worst case as a representative test condition. 4. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
Worst Case:	1. X-axis/ Y-axis/ Z-axis Worst Condition: X-axis 2. The AC Adapter Worst Condition: AC Adapter 1 3. The USB Cable Worst Condition: USB Cable 1

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

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

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

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

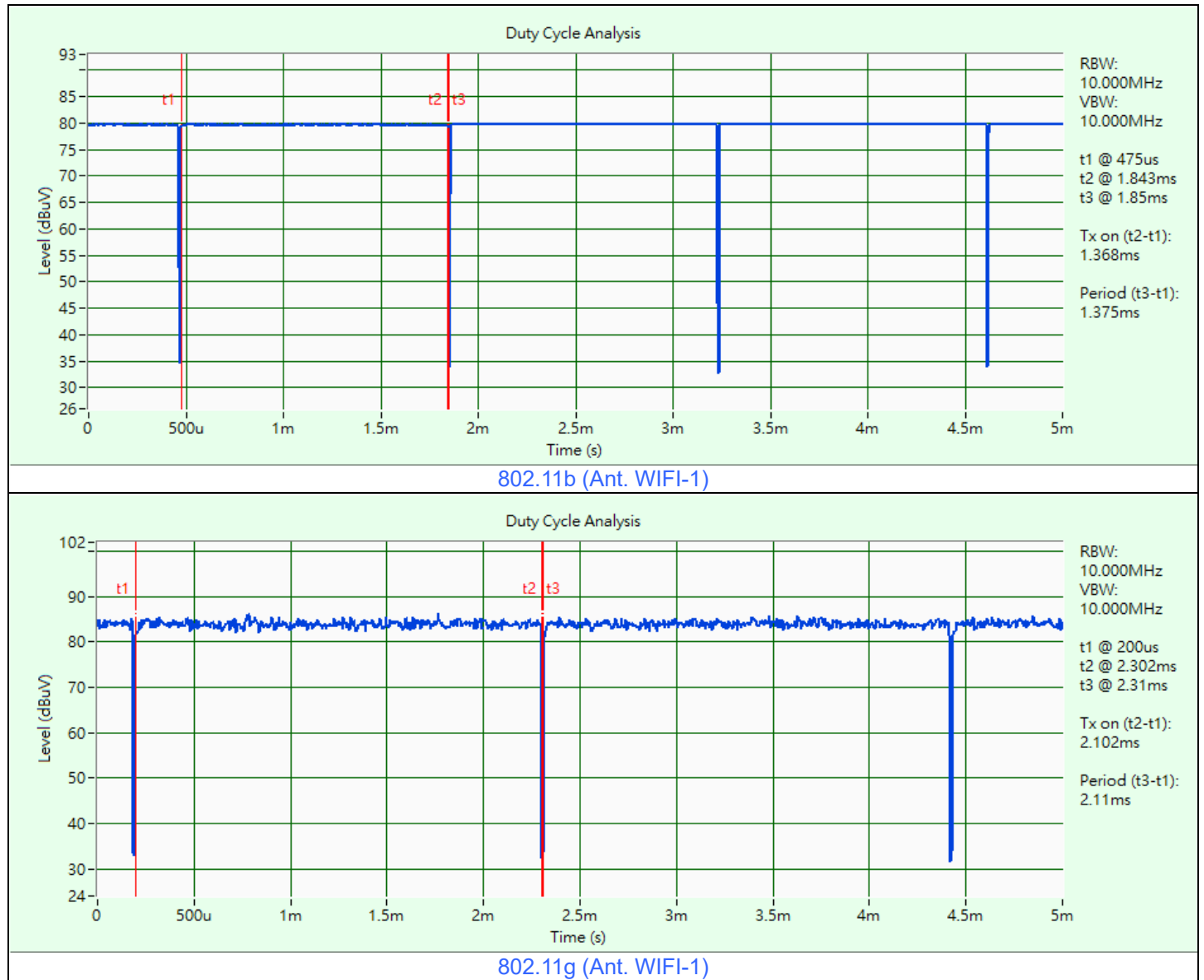
3.5 Duty Cycle of Test Signal

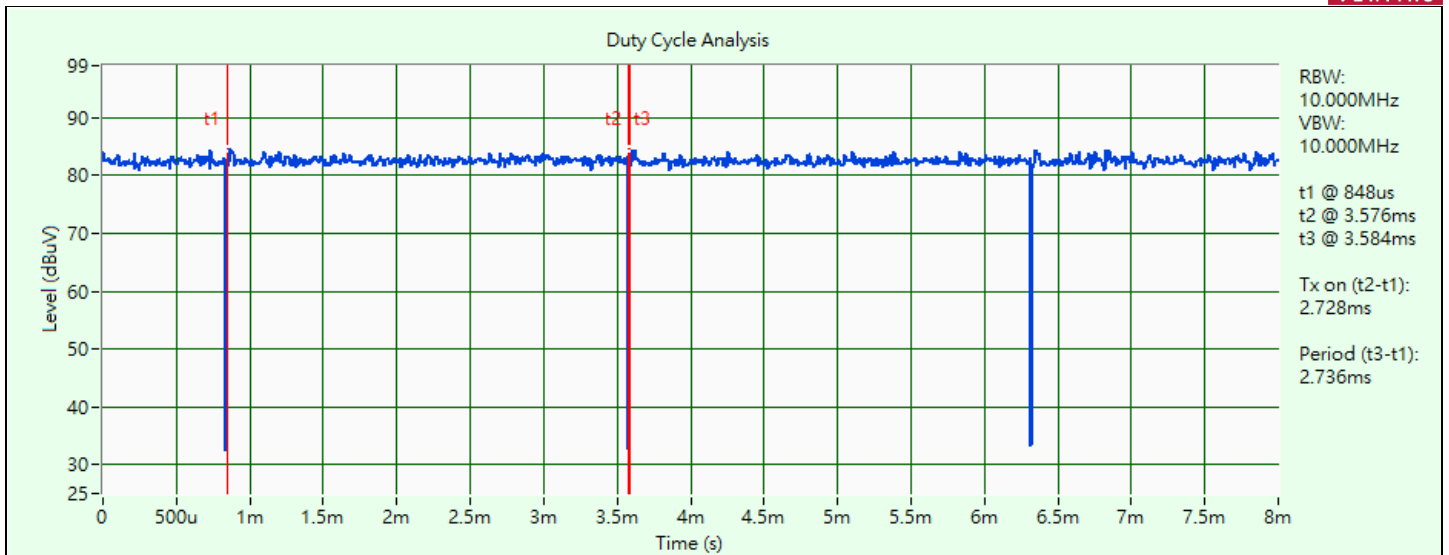
802.11b (Ant. WIFI-1): Duty cycle = 1.368 ms / 1.375 ms x 100% = 99.5%

802.11g (Ant. WIFI-1): Duty cycle = 2.102 ms / 2.11 ms x 100% = 99.6%

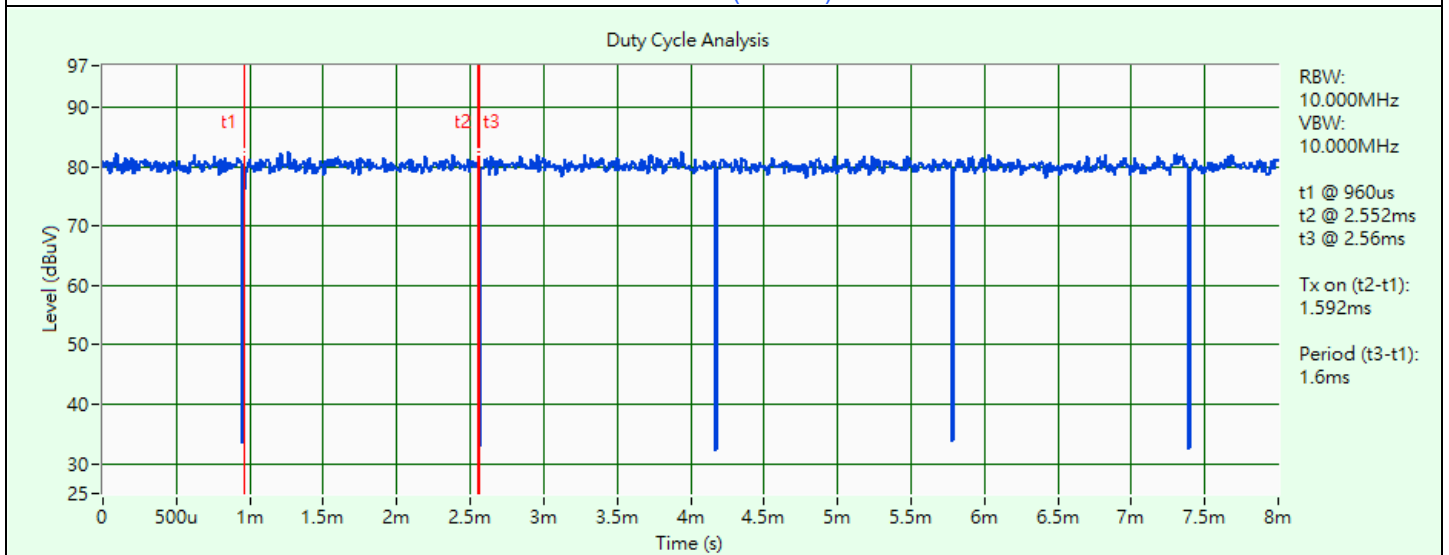
802.11be (EHT20): Duty cycle = 2.728 ms / 2.736 ms x 100% = 99.7%

802.11be (EHT40): Duty cycle = 1.592 ms / 1.6 ms x 100% = 99.5%





802.11be (EHT20)

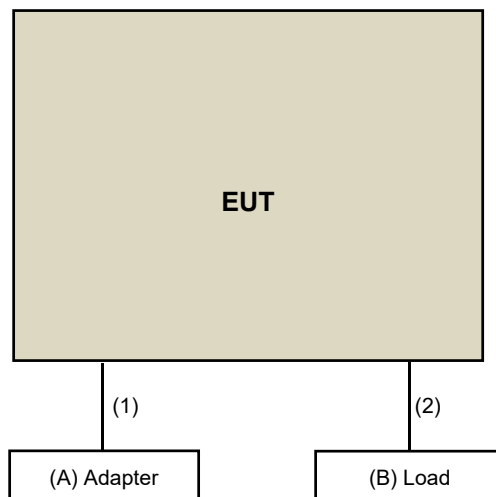


802.11be (EHT40)

3.6 Test Program Used and Operation Descriptions

Controlling software QRCT Version 4.0.210.0 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	Adapter	SUNUN	P181	N/A	N/A	Accessory of EUT
B	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	1.0	Y	0	Accessory of EUT
2	RJ45 Cable	1	1.5	N	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
USB Power Sensor Anritsu	MA24408A	12994	2024/12/4 2025/12/5	2025/12/3 2026/12/4
Wideband Power Sensor Keysight	N1923A	MY58020002	2025/1/21	2026/1/20

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/11/21 ~ 2025/12/10

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
MXA Signal Analyzer Keysight	N9020B	MY60110462	2025/4/22	2026/4/21
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 ~ 2025/12/10

4.3 6 dB Bandwidth

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

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/11/21 ~ 2025/12/10

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 HUBER+SUHNER	E1-011276	01	2025/2/11	2026/2/10
	E1-011277	02	2025/10/31	2026/10/30
	E1-011313	11	2025/2/11	2026/2/10
DC LISN Schwarzbeck	NNBM 8126G	8126G-069	2025/11/3	2026/11/2
Diode Pulse Limiter Schwarzbeck	VTSD 9561 F-N	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_Conf_ V7.4.1.0	N/A	N/A	N/A
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2025/8/27	2026/8/26

Notes:

1. The test was performed in HY - Conduction 2.
2. Tested Date: 2025/11/13

4.6 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-155	2025/9/16	2026/9/15
EMI Test Receiver R&S	ESR3	102782	2024/12/10	2025/12/9
Loop Antenna TESEQ	HLA 6121	45745	2025/9/1	2026/8/31
Preamplifier Agilent	8447D	2944A10631	2025/4/27	2026/4/26
RF Coaxial Cable Woken	8D-FB	Cable-CH4-01	2025/6/30	2026/6/29
Signal & Spectrum Analyzer R&S	FSV3044	101105	2025/2/25	2026/2/24
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

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

4.7 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	5	N/A	N/A
EMI Test Receiver R&S	ESR3	102782	2024/12/10 2025/12/8	2025/12/9 2026/12/7
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-408	2024/11/10 2025/11/9	2025/11/9 2026/11/8
	BBHA 9170	9170-480	2024/11/10 2025/11/9	2025/11/9 2026/11/8
		BBHA9170241	2025/10/28	2026/10/27
		BBHA9170243	2024/11/10 2025/11/9	2025/11/9 2026/11/8
Preamplifier EMCI	EMC 184045	980116	2025/9/21	2026/9/20
Preamplifier Keysight	83017A	MY53270295	2025/4/27	2026/4/26
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2025/6/30	2026/6/29
	EMC102-KM-KM-3000	150929	2025/6/30	2026/6/29
RF Coaxial Cable HUBER+SUHNER	EMC104-SM-SM-10000	Cable-CH1-01(RFC-SMS-100-SMS-120+RFC-SMS-100-SMS-4)	2025/4/27	2026/4/26
	SUCOFLEX 104	Cable-CH4-03(250724)	2025/4/27	2026/4/26
Signal & Spectrum Analyzer R&S	FSV3044	101105	2025/2/25	2026/2/24
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3.
2. Tested Date: 2025/10/30 ~ 2025/12/11

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

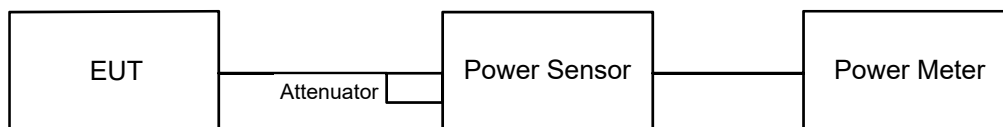
Notes:

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.

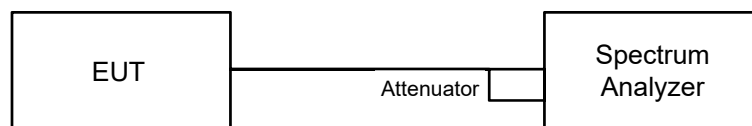
The power meter video bandwidth is greater than or equal to the DTS bandwidth and use a fast responding diode detector.

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

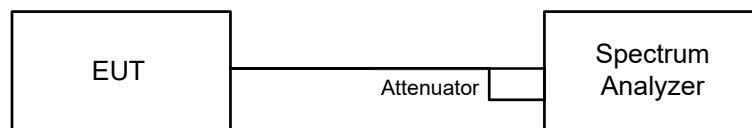


6.2.2 Test Procedure

- 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

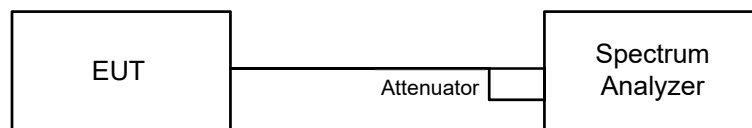


6.3.2 Test Procedure

- 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

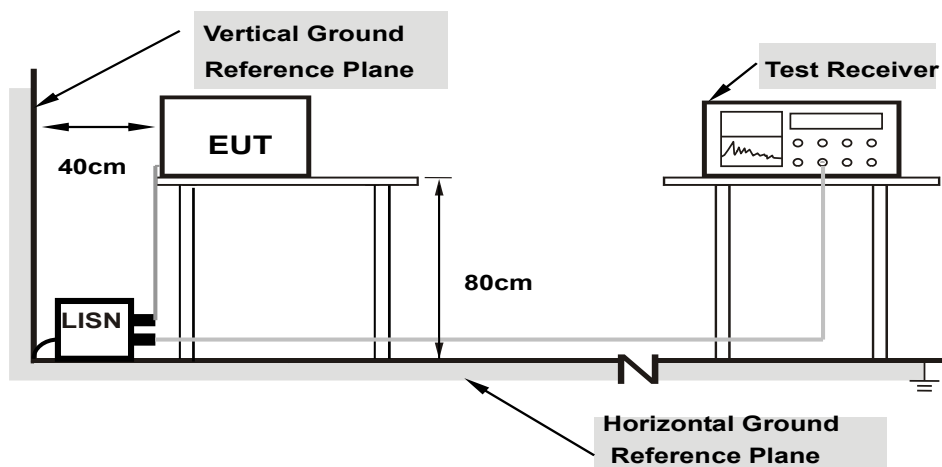
- Set instrument center frequency to DTS channel center frequency.
- Set the span to ≥ 1.5 times the DTS bandwidth.
- Set the RBW = 100 kHz.
- Set the VBW ≥ 300 kHz.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use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

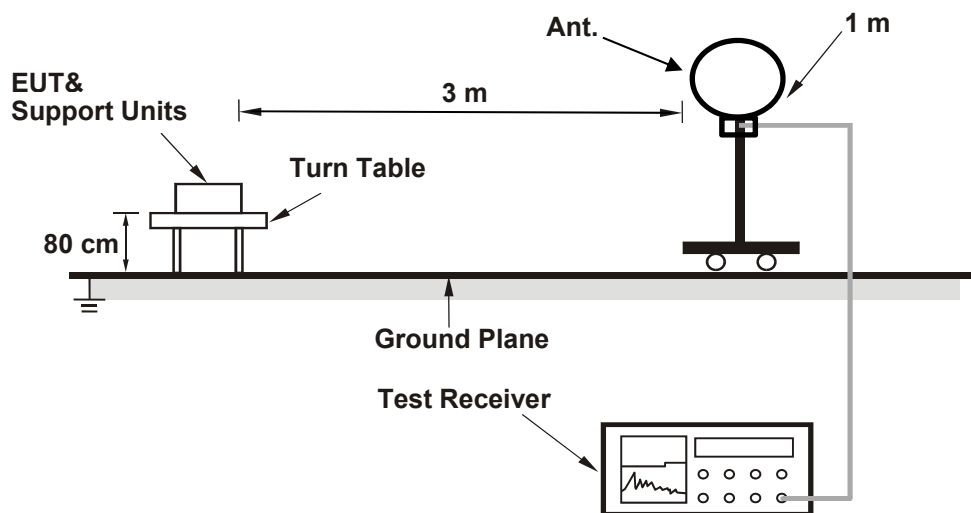
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The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

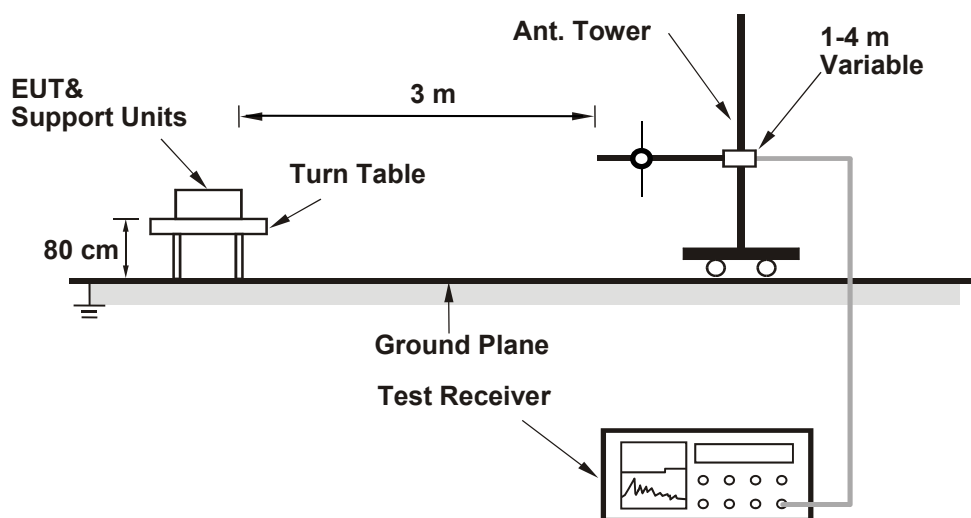
6.6 Unwanted Emissions below 1 GHz

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

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

Notes:

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

For Radiated emission above 30 MHz

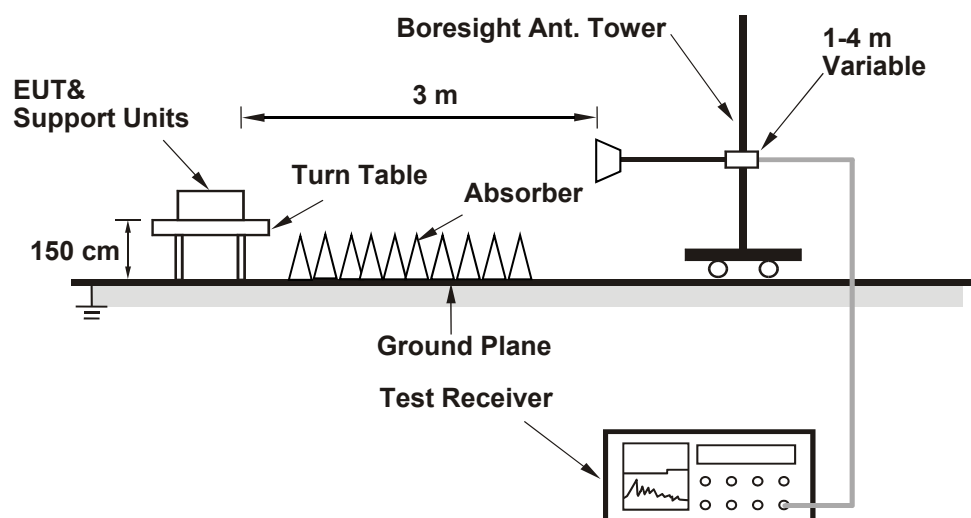
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the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

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. 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

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin
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For Peak Power

802.11b (Ant. WIFI-0)

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	129.718	21.13	30	Pass
6	2437	129.122	21.11	30	Pass
11	2462	128.529	21.09	30	Pass

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

802.11b (Ant. WIFI-1)

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	141.906	21.52	30	Pass
6	2437	140.605	21.48	30	Pass
11	2462	140.929	21.49	30	Pass

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

802.11g (Ant. WIFI-0)

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	117.490	20.70	30	Pass
6	2437	116.681	20.67	30	Pass
11	2462	117.761	20.71	30	Pass

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

802.11g (Ant. WIFI-1)

Chan.	Chan. Freq. (MHz)	Peak Power (mW)	Peak Power (dBm)	Power Limit (dBm)	Test Result
1	2412	119.950	20.79	30	Pass
6	2437	119.124	20.76	30	Pass
11	2462	118.304	20.73	30	Pass

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

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	21.72	22.58	329.728	25.18	30	Pass
6	2437	21.75	22.57	330.341	25.19	30	Pass
11	2462	21.71	22.54	327.725	25.16	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	17.48	17.68	114.590	20.59	30	Pass
6	2437	21.04	21.82	279.112	24.46	30	Pass
9	2452	20.90	21.73	271.963	24.35	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	21.75	22.60	331.594	25.21	30	Pass
6	2437	21.77	22.59	331.866	25.21	30	Pass
11	2462	21.73	22.57	329.654	25.18	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	17.51	17.71	115.384	20.62	30	Pass
6	2437	20.99	21.52	267.509	24.27	30	Pass
9	2452	20.93	21.47	264.161	24.22	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	21.79	22.64	334.662	25.25	30	Pass
6	2437	21.82	22.62	334.865	25.25	30	Pass
11	2462	21.77	22.61	332.704	25.22	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	17.54	17.73	116.047	20.65	30	Pass
6	2437	21.04	21.82	279.112	24.46	30	Pass
9	2452	20.99	21.79	276.611	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	21.73	22.60	330.906	25.20	30	Pass
6	2437	21.75	22.53	328.684	25.17	30	Pass
11	2462	21.71	22.57	328.969	25.17	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	21.75	22.61	332.013	25.21	30	Pass
6	2437	21.76	22.55	329.856	25.18	30	Pass
11	2462	21.73	22.58	330.070	25.19	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	21.76	22.62	332.779	25.22	30	Pass
6	2437	21.78	22.57	331.378	25.20	30	Pass
11	2462	21.75	22.59	331.175	25.20	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi <= 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	21.76	22.61	332.358	25.22	30	Pass
6	2437	21.75	22.53	328.684	25.17	30	Pass
11	2462	21.74	22.56	329.581	25.18	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi <= 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	21.75	22.62	332.434	25.22	30	Pass
6	2437	21.80	22.59	332.908	25.22	30	Pass
11	2462	21.76	22.61	332.358	25.22	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 1.95 dBi <= 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	21.72	22.58	329.728	25.18	30	Pass
6	2437	21.75	22.57	330.341	25.19	30	Pass
11	2462	21.71	22.54	327.725	25.16	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 <= 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	17.48	17.68	114.590	20.59	30	Pass
6	2437	21.04	21.82	279.112	24.46	30	Pass
9	2452	20.90	21.73	271.963	24.35	30	Pass

Notes:

- Directional gain = $10 \log[(10^{\text{Chain0/20}} + 10^{\text{Chain1/20}})^2 / 2]$
- 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	21.75	22.60	331.594	25.21	30	Pass
6	2437	21.77	22.59	331.866	25.21	30	Pass
11	2462	21.73	22.57	329.654	25.18	30	Pass

Notes:

- Directional gain = $10 \log[(10^{\text{Chain0/20}} + 10^{\text{Chain1/20}})^2 / 2]$
- 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	17.51	17.71	115.384	20.62	30	Pass
6	2437	20.99	21.76	275.571	24.40	30	Pass
9	2452	20.93	21.74	273.159	24.36	30	Pass

Notes:

- Directional gain = $10 \log[(10^{\text{Chain0/20}} + 10^{\text{Chain1/20}})^2 / 2]$
- 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	21.79	22.64	334.662	25.25	30	Pass
6	2437	21.82	22.62	334.865	25.25	30	Pass
11	2462	21.77	22.61	332.704	25.22	30	Pass

Notes:

- Directional gain = $10 \log[(10^{\text{Chain0/20}} + 10^{\text{Chain1/20}})^2 / 2]$
- 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	17.54	17.73	116.047	20.65	30	Pass
6	2437	21.04	21.82	279.112	24.46	30	Pass
9	2452	20.99	21.79	276.611	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	21.73	22.60	330.906	25.20	30	Pass
6	2437	21.75	22.53	328.684	25.17	30	Pass
11	2462	21.71	22.57	328.969	25.17	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	21.75	22.61	332.013	25.21	30	Pass
6	2437	21.76	22.55	329.856	25.18	30	Pass
11	2462	21.73	22.58	330.070	25.19	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	21.76	22.62	332.779	25.22	30	Pass
6	2437	21.78	22.57	331.378	25.20	30	Pass
11	2462	21.75	22.59	331.175	25.20	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	21.76	22.61	332.358	25.22	30	Pass
6	2437	21.75	22.53	328.684	25.17	30	Pass
11	2462	21.74	22.56	329.581	25.18	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 <= 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	21.75	22.62	332.434	25.22	30	Pass
6	2437	21.80	22.59	332.908	25.22	30	Pass
11	2462	21.76	22.61	332.358	25.22	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 <= 6 dBi, so the output power limit shall not be reduced.

For Average Power

802.11b (Ant. WIFI-0)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	72.444	18.60
6	2437	72.111	18.58
11	2462	71.779	18.56

802.11b (Ant. WIFI-1)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	79.250	18.99
6	2437	78.524	18.95
11	2462	78.705	18.96

802.11g (Ant. WIFI-0)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	30.903	14.90
6	2437	30.690	14.87
11	2462	30.974	14.91

802.11g (Ant. WIFI-1)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	31.550	14.99
6	2437	31.333	14.96
11	2462	31.117	14.93

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.32	14.91	58.014	17.64
6	2437	14.35	14.90	58.13	17.64
11	2462	14.31	14.92	58.023	17.64

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	10.88	11.08	25.069	13.99
6	2437	14.44	14.94	58.986	17.71
9	2452	14.30	14.89	57.747	17.62

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.35	14.93	58.344	17.66
6	2437	14.37	14.95	58.613	17.68
11	2462	14.33	14.90	58.005	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	10.91	11.11	25.243	14.02
6	2437	14.39	14.92	58.525	17.67
9	2452	14.33	14.87	57.792	17.62

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	14.39	14.98	58.956	17.71
6	2437	14.42	14.96	59.002	17.71
11	2462	14.37	14.95	58.613	17.68

802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	10.94	11.13	25.388	14.05
6	2437	14.44	14.98	59.275	17.73
9	2452	14.39	14.93	58.596	17.68

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	14.33	14.96	58.435	17.67
6	2437	14.35	14.95	58.488	17.67
11	2462	14.31	14.92	58.023	17.64

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	14.35	14.94	58.416	17.67
6	2437	14.36	14.96	58.623	17.68
11	2462	14.33	14.90	58.005	17.63

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	14.36	14.97	58.695	17.69
6	2437	14.38	14.92	58.461	17.67
11	2462	14.35	14.93	58.344	17.66

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	14.36	14.98	58.767	17.69
6	2437	14.35	14.92	58.273	17.65
11	2462	14.34	14.89	57.996	17.63

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	14.35	14.92	58.273	17.65
6	2437	14.40	14.90	58.445	17.67
11	2462	14.36	14.93	58.407	17.66

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	14.32	14.91	58.014	17.64
6	2437	14.35	14.90	58.13	17.64
11	2462	14.31	14.92	58.023	17.64

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	10.88	11.08	25.069	13.99
6	2437	14.44	14.94	58.986	17.71
9	2452	14.30	14.89	57.747	17.62

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	14.35	14.93	58.344	17.66
6	2437	14.37	14.95	58.613	17.68
11	2462	14.33	14.90	58.005	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	10.91	11.11	25.243	14.02
6	2437	14.39	14.92	58.525	17.67
9	2452	14.33	14.67	56.411	17.51

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	14.39	14.98	58.956	17.71
6	2437	14.42	14.96	59.002	17.71
11	2462	14.37	14.95	58.613	17.68

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	10.94	11.13	25.388	14.05
6	2437	14.44	14.98	59.275	17.73
9	2452	14.39	14.93	58.596	17.68

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	14.33	14.96	58.435	17.67
6	2437	14.35	14.95	58.488	17.67
11	2462	14.31	14.92	58.023	17.64

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	14.35	14.94	58.416	17.67
6	2437	14.36	14.96	58.623	17.68
11	2462	14.33	14.90	58.005	17.63

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	14.36	14.97	58.695	17.69
6	2437	14.38	14.92	58.461	17.67
11	2462	14.35	14.93	58.344	17.66

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	14.36	14.98	58.767	17.69
6	2437	14.35	14.92	58.273	17.65
11	2462	14.34	14.89	57.996	17.63

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	14.35	14.92	58.273	17.65
6	2437	14.40	14.90	58.445	17.67
11	2462	14.36	14.93	58.407	17.66

7.2 Power Spectral Density

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin
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802.11b (Ant. WIFI-1)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-4.47	8	Pass
6	2437	-4.54	8	Pass
11	2462	-4.49	8	Pass

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

802.11g (Ant. WIFI-1)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
1	2412	-9.92	8	Pass
6	2437	-10.04	8	Pass
11	2462	-10.07	8	Pass

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

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	-10.18	-9.43	-6.78	8	Pass
6	2437	-10.14	-9.40	-6.74	8	Pass
11	2462	-10.31	-9.55	-6.90	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	-17.59	-17.16	-14.36	8	Pass
6	2437	-14.09	-13.07	-10.54	8	Pass
9	2452	-14.15	-13.26	-10.67	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) 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	-1.15	-0.21	2.36	8	Pass
6	2437	-1.07	-0.18	2.41	8	Pass
11	2462	-1.35	-0.30	2.22	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	-4.00	-3.12	-0.53	8	Pass
6	2437	-3.88	-3.10	-0.46	8	Pass
11	2462	-4.33	-3.64	-0.96	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	-7.28	-6.20	-3.70	8	Pass
6	2437	-7.09	-6.18	-3.60	8	Pass
11	2462	-7.37	-6.34	-3.81	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 $\leq$ 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	-6.98	-6.17	-3.55	8	Pass
6	2437	-6.59	-5.76	-3.14	8	Pass
11	2462	-6.99	-6.28	-3.61	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 $\leq$ 6 dBi, so the power density limit shall not be reduced.

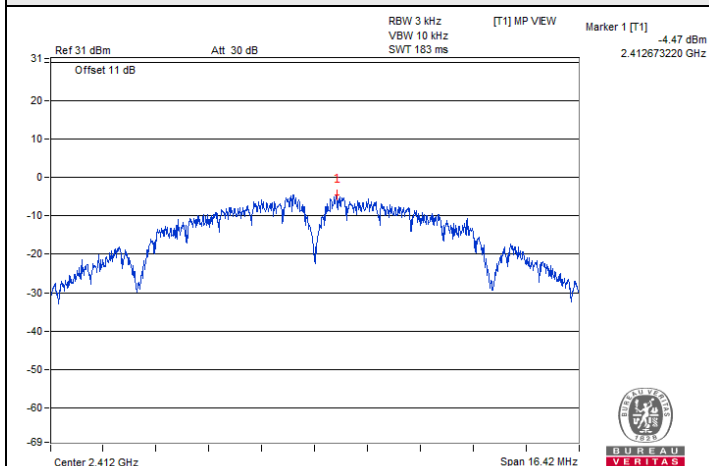
802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Test Result
		Chain 0	Chain 1			
1	2412	-7.73	-6.78	-4.22	8	Pass
6	2437	-7.65	-6.42	-3.98	8	Pass
11	2462	-7.72	-6.83	-4.24	8	Pass

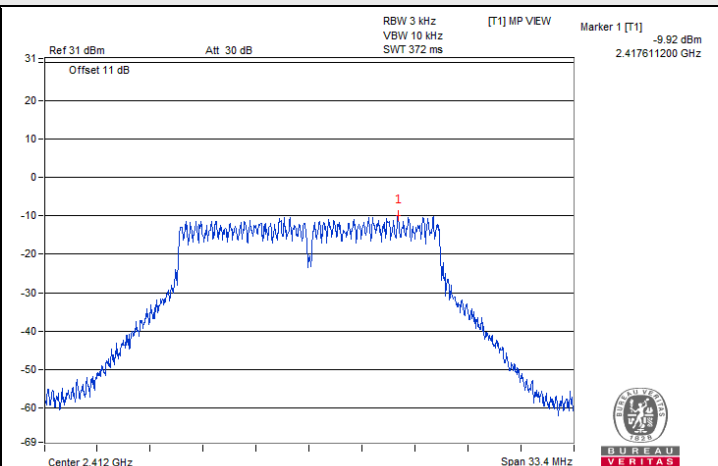
Notes:

- 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 $\leq$ 6 dBi, so the power density limit shall not be reduced.

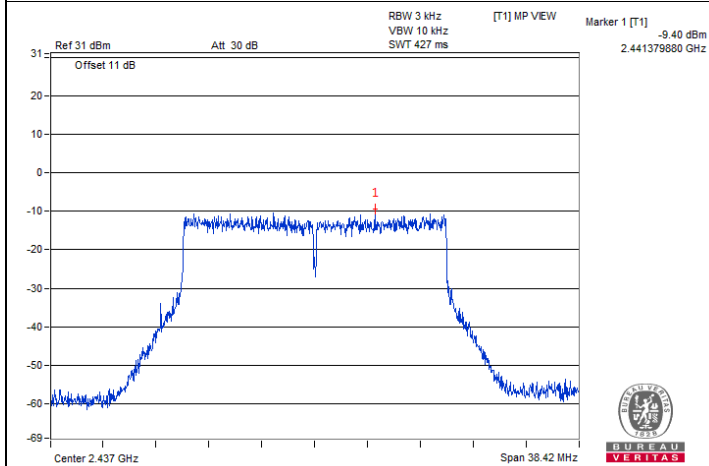
Spectrum Plot of Maximum Value



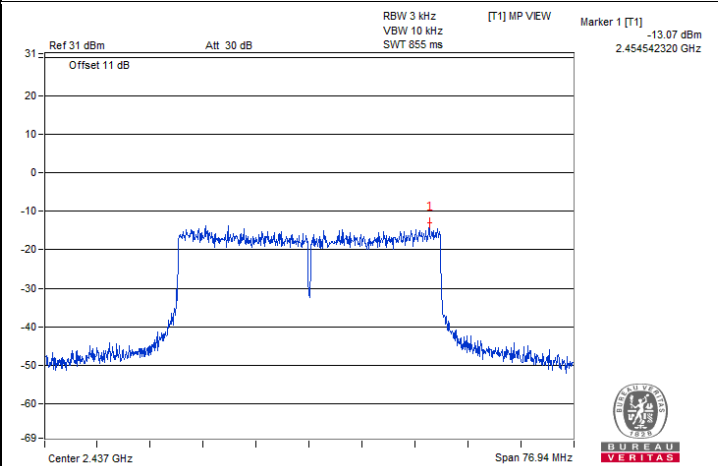
802.11b (Ant. WIFI-1) / Chain 1 : CH 1



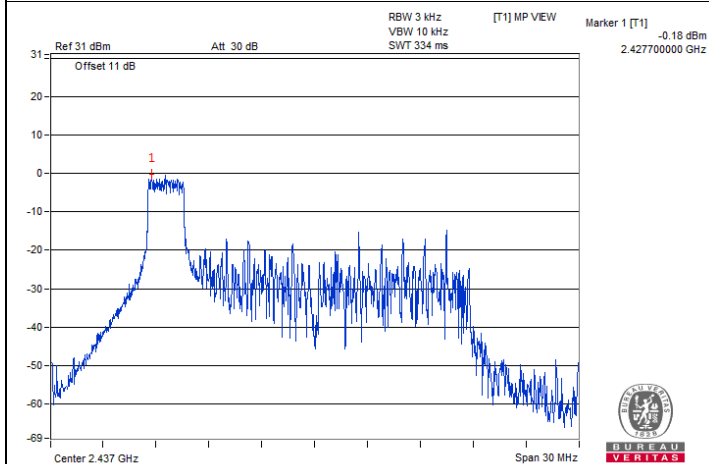
802.11g (Ant. WIFI-1) / Chain 1 : CH 1



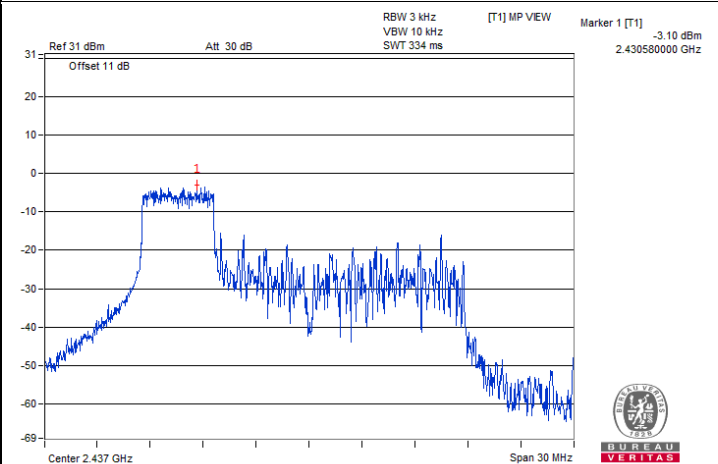
802.11be (EHT20) / Chain 1 : CH 6



802.11be (EHT40) / Chain 1 : CH 6

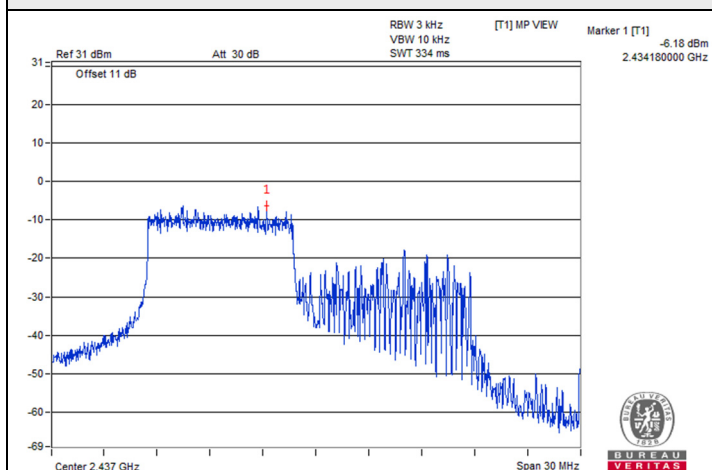


802.11be (EHT20) 26-tone RU / Chain 1 : CH 6

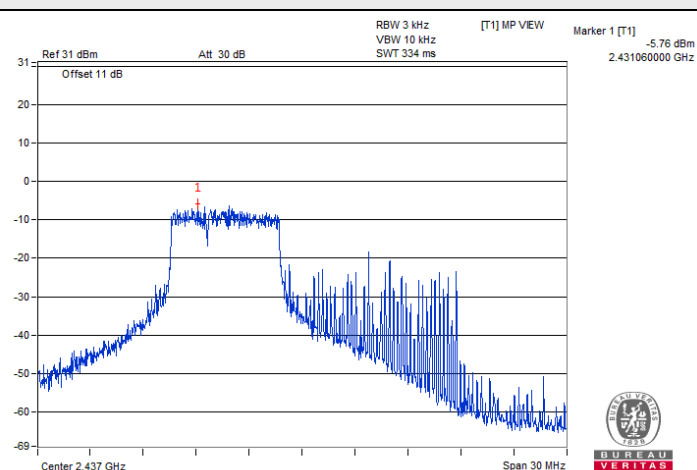


802.11be (EHT20) 52-tone RU / Chain 1 : CH 6

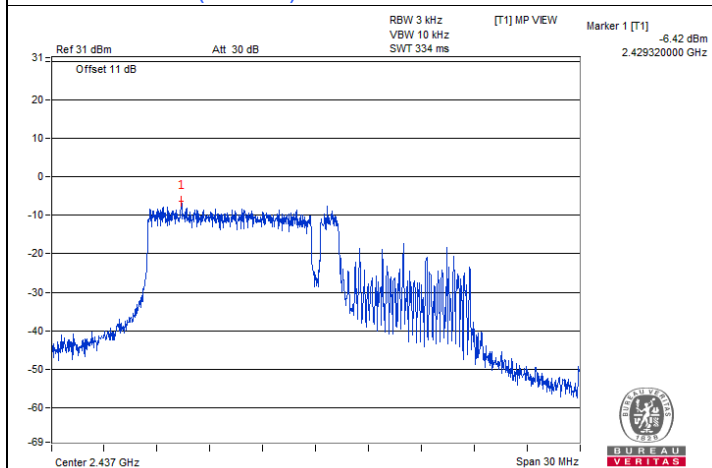
Spectrum Plot of Maximum Value



802.11be (EHT20) 106-tone RU / Chain 1 : CH 6



802.11be (EHT20) 52+26-tone MRU / Chain 1 : CH 6



802.11be (EHT20) 106+26-tone MRU / Chain 1 : CH 6

7.3 6 dB Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin
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802.11b (Ant. WIFI-1)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	8.21	0.5	Pass
6	2437	8.23	0.5	Pass
11	2462	8.23	0.5	Pass

802.11g (Ant. WIFI-1)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
1	2412	16.70	0.5	Pass
6	2437	16.72	0.5	Pass
11	2462	16.67	0.5	Pass

802.11be (EHT20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	19.29	19.22	0.5	Pass
6	2437	19.24	19.21	0.5	Pass
11	2462	19.16	19.19	0.5	Pass

802.11be (EHT40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	2422	38.19	37.25	0.5	Pass
6	2437	38.55	38.47	0.5	Pass
9	2452	38.42	38.38	0.5	Pass

802.11be (EHT20) 26-tone RU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	2.15	2.16	0.5	Pass
6	2437	2.22	2.15	0.5	Pass
11	2462	2.23	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	17.13	17.13	0.5	Pass
6	2437	17.14	15.86	0.5	Pass
11	2462	17.13	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	18.40	17.21	0.5	Pass
6	2437	17.25	17.27	0.5	Pass
11	2462	17.26	18.41	0.5	Pass

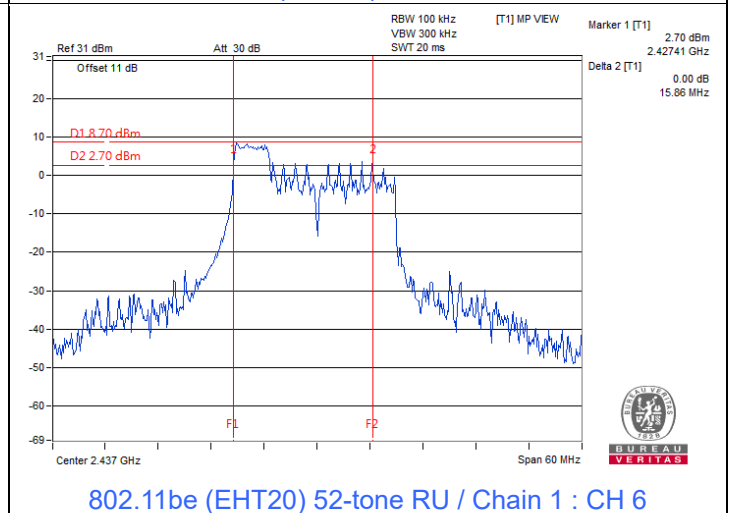
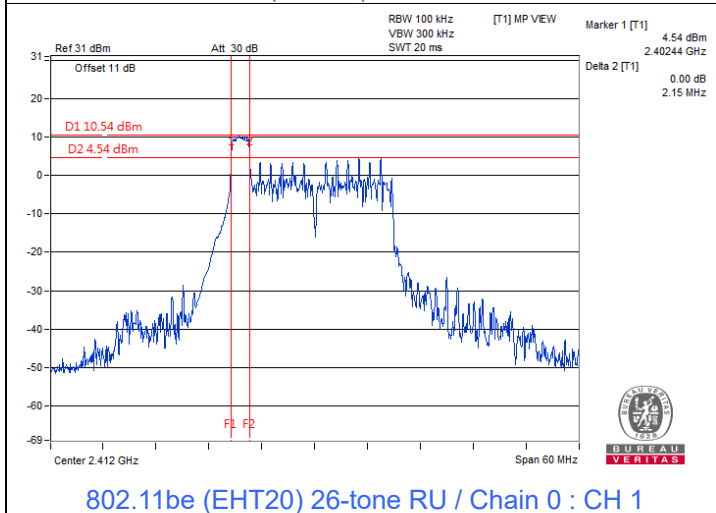
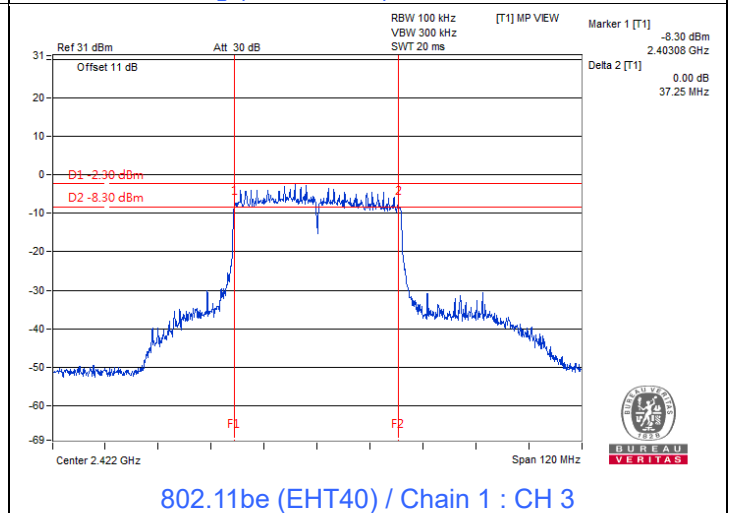
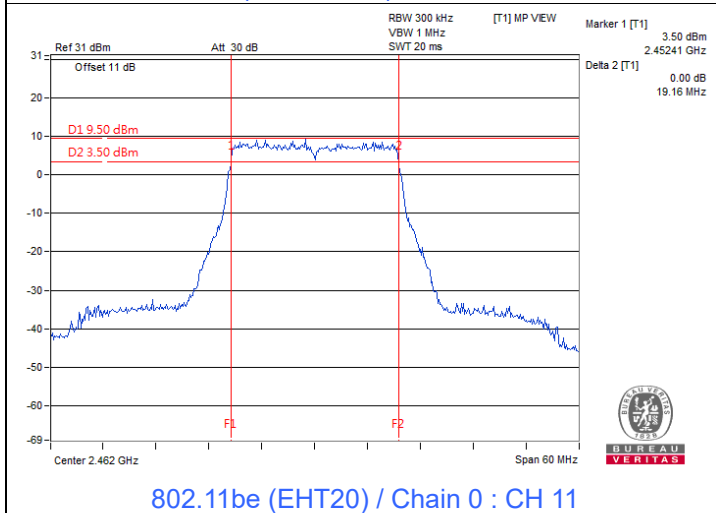
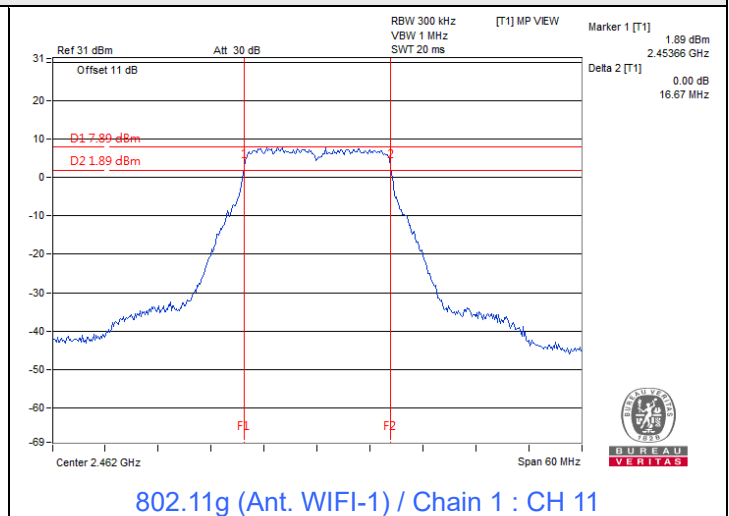
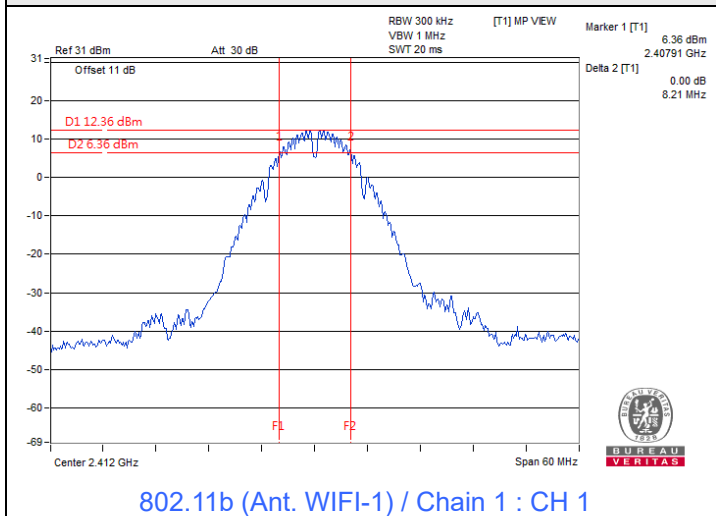
802.11be (EHT20) 52+26-tone MRU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	15.43	15.26	0.5	Pass
6	2437	15.25	15.25	0.5	Pass
11	2462	15.26	15.25	0.5	Pass

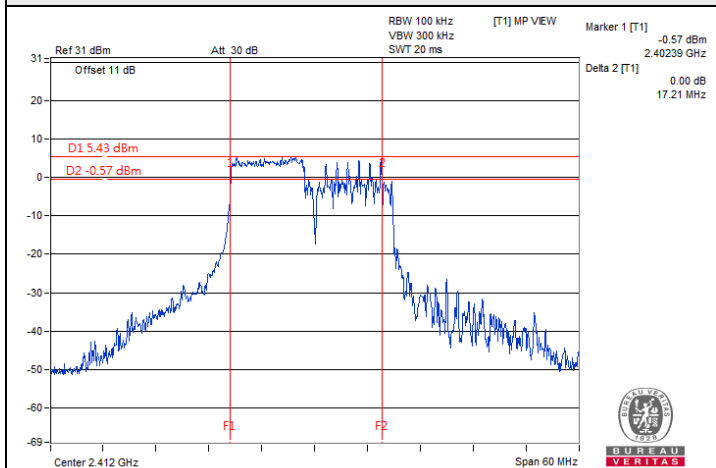
802.11be (EHT20) 106+26-tone MRU

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	2412	18.44	17.87	0.5	Pass
6	2437	18.44	17.84	0.5	Pass
11	2462	18.45	18.43	0.5	Pass

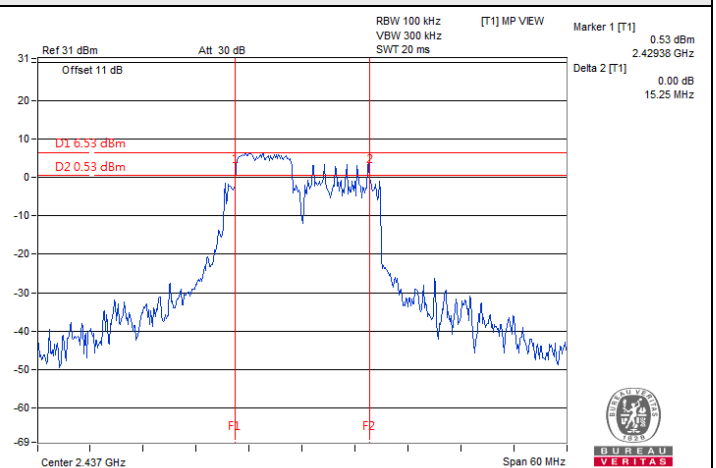
Spectrum Plot of Minimum Value



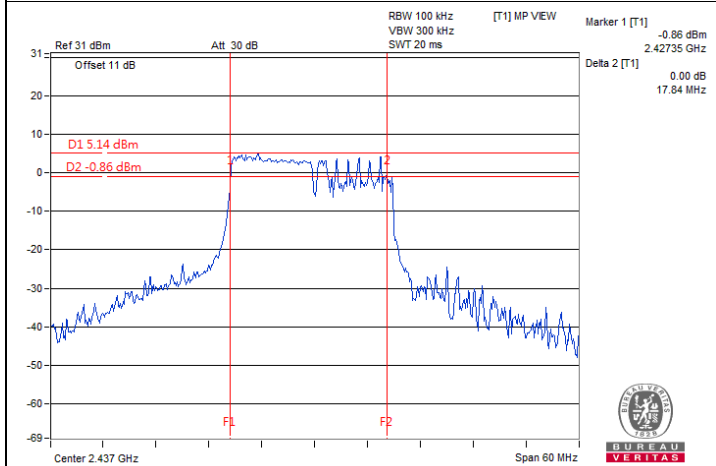
Spectrum Plot of Minimum Value



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



802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 6

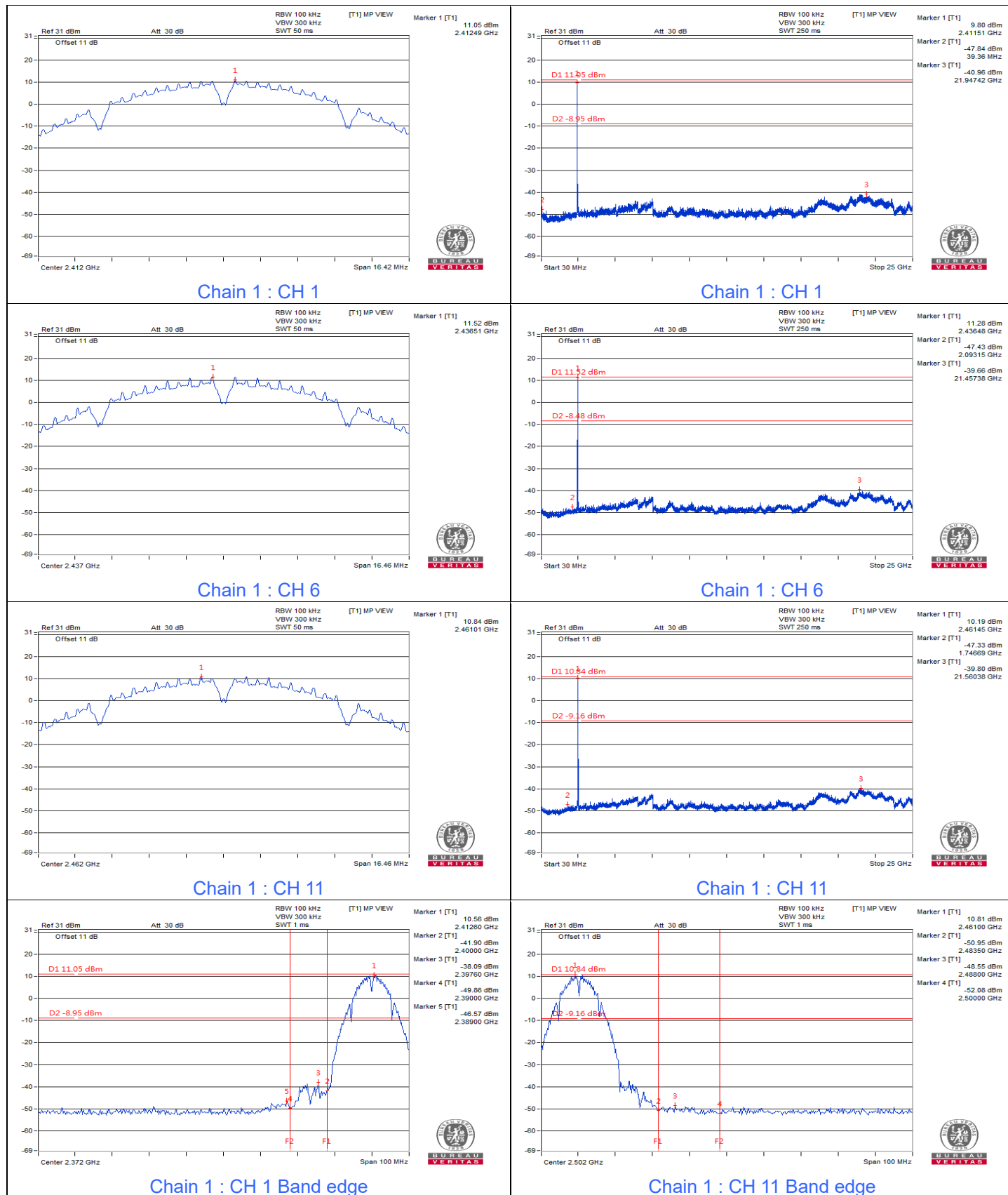


802.11be (EHT20) 106+26-tone MRU / Chain 1 : CH 6

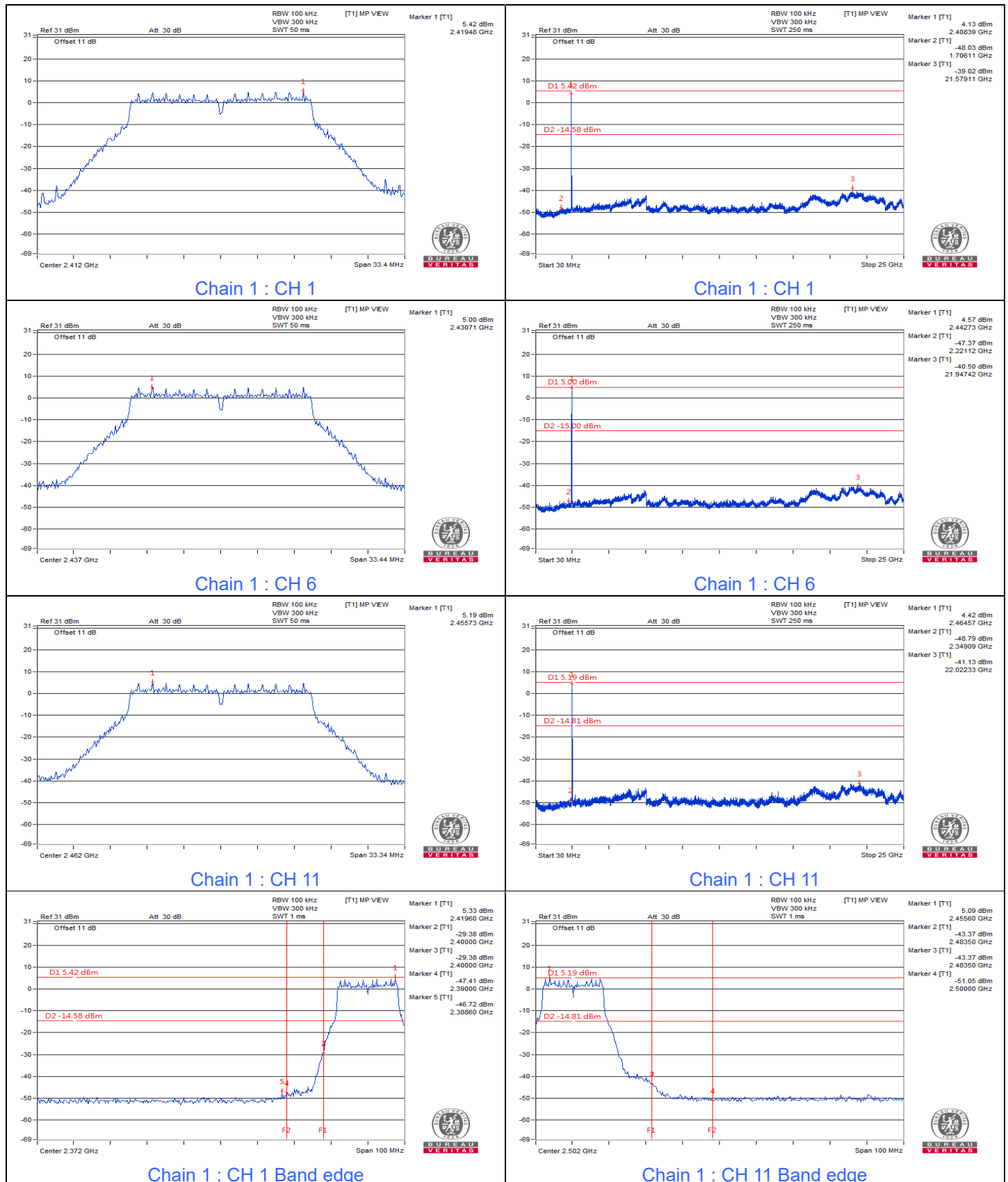
7.4 Conducted Out of Band Emissions

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin
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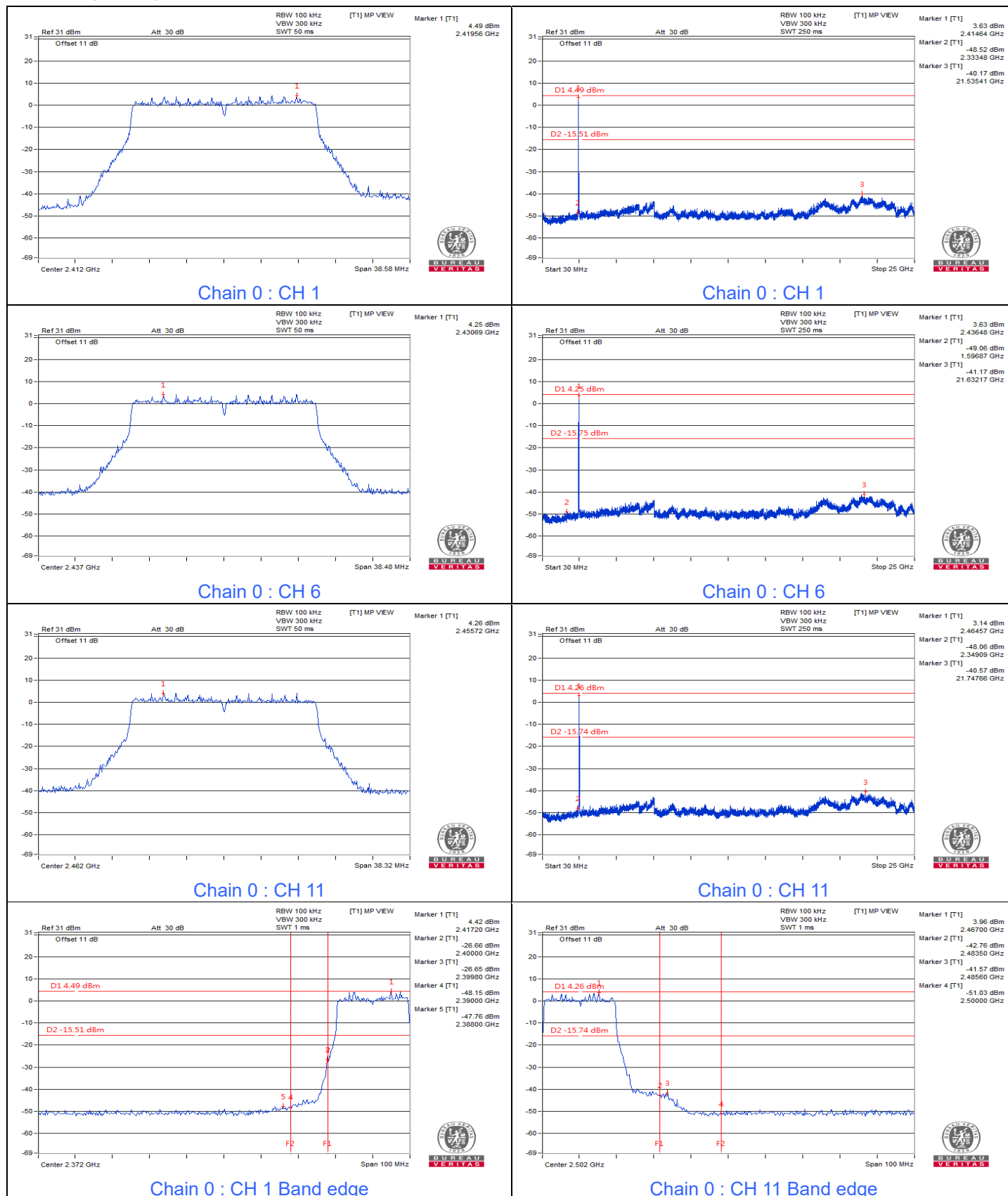
802.11b (Ant. WIFI-1)

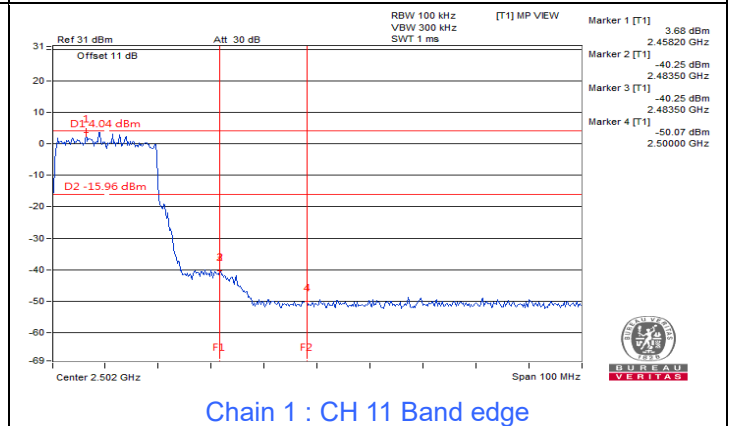
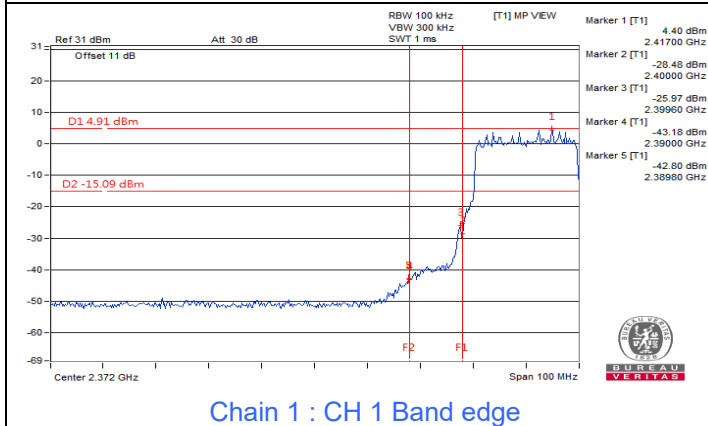
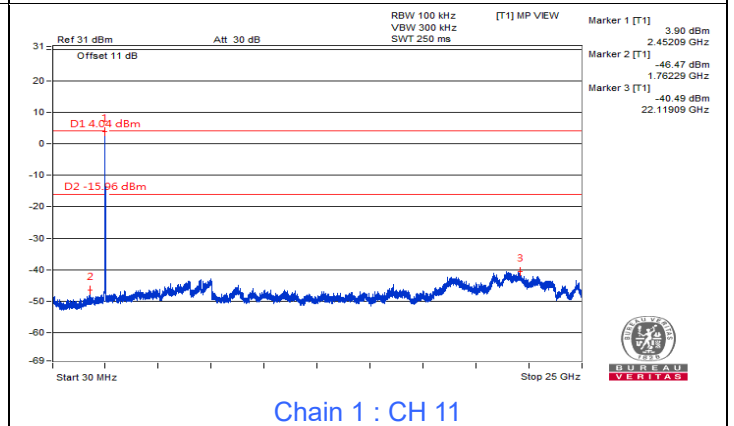
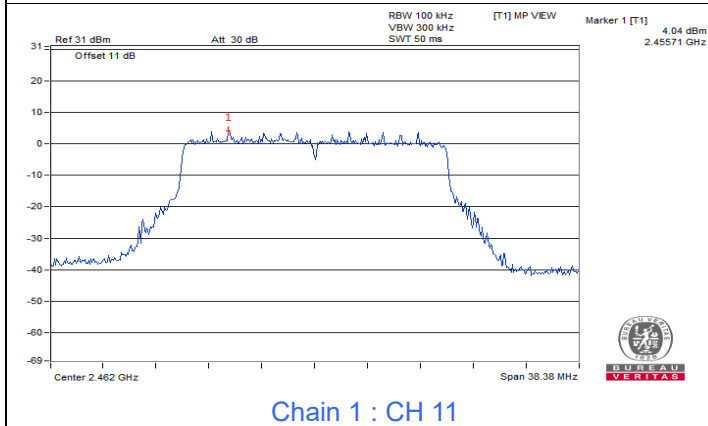
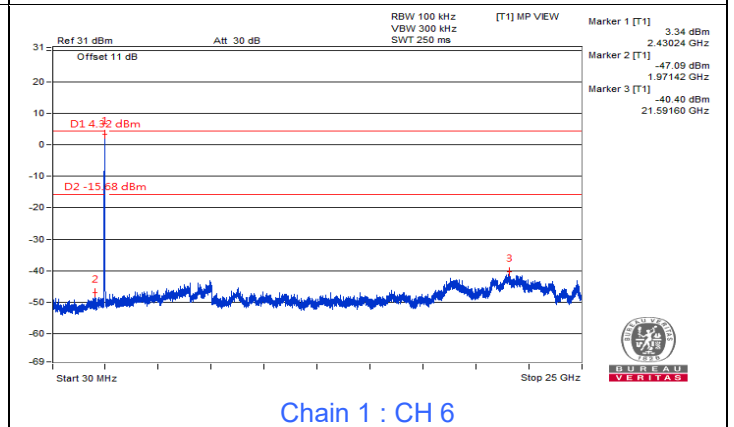
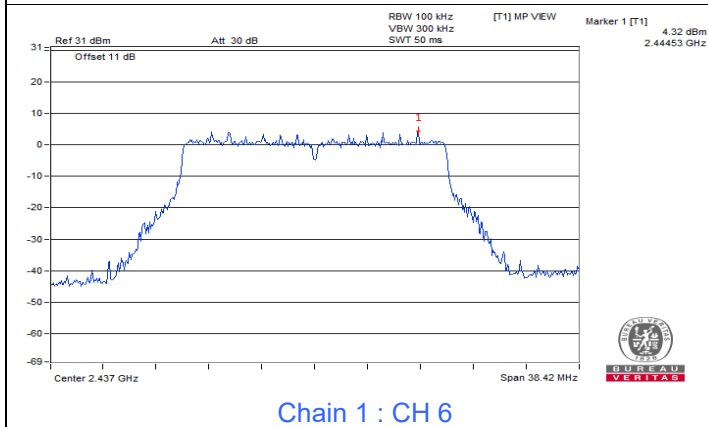
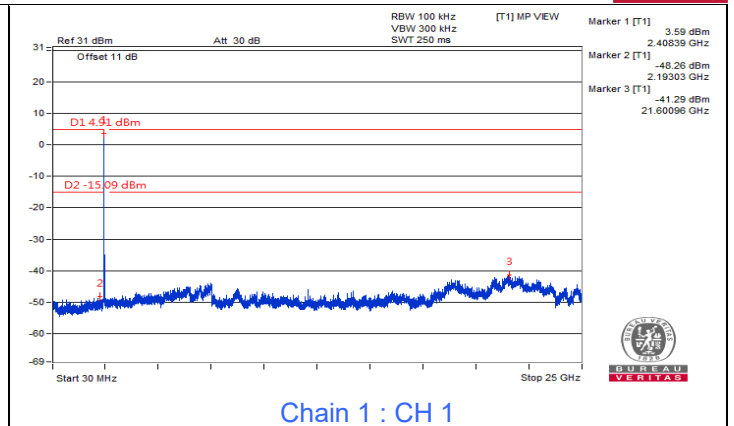
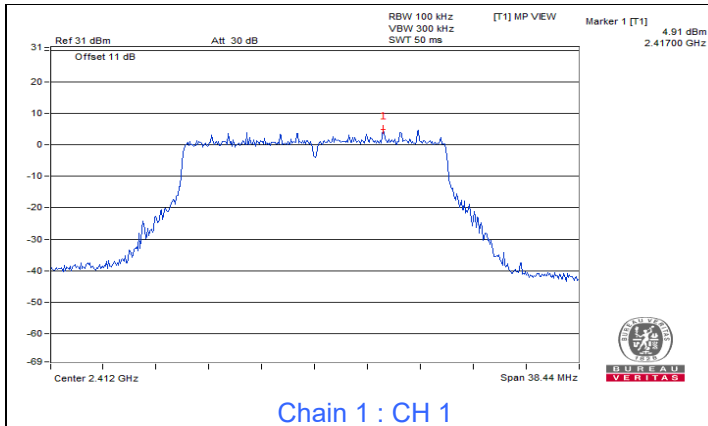


802.11g (Ant. WIFI-1)

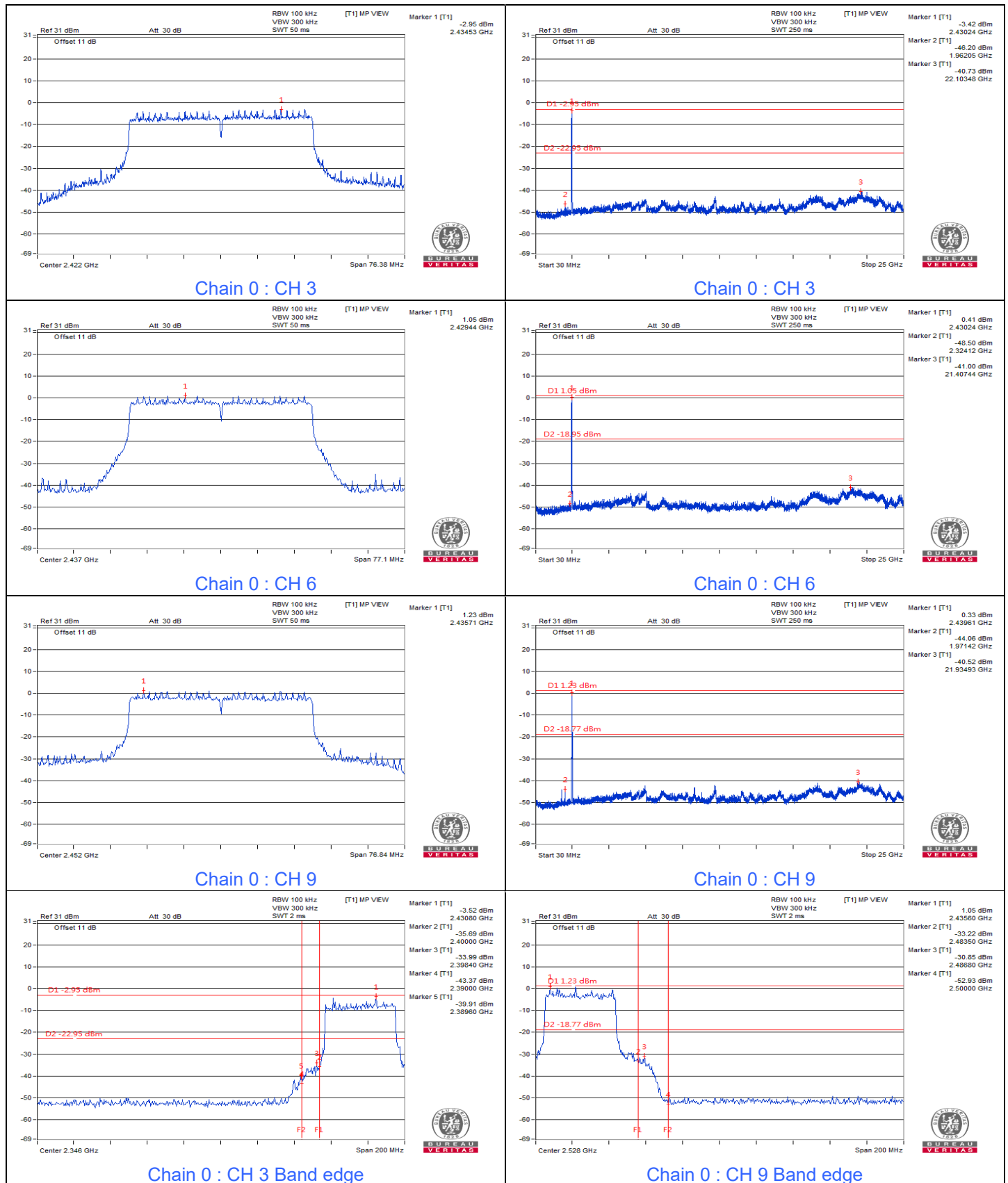


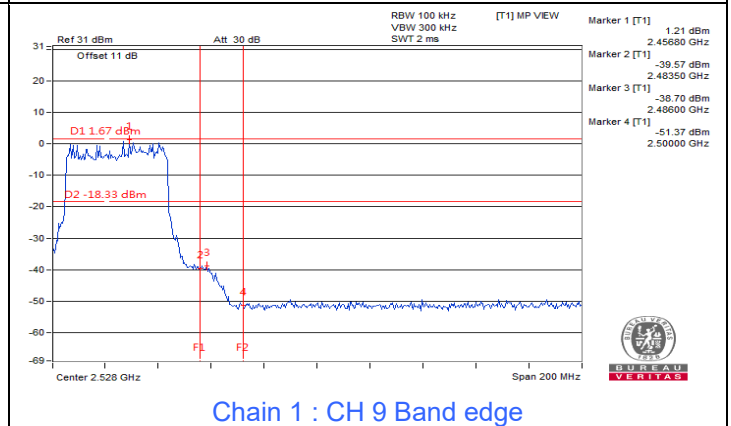
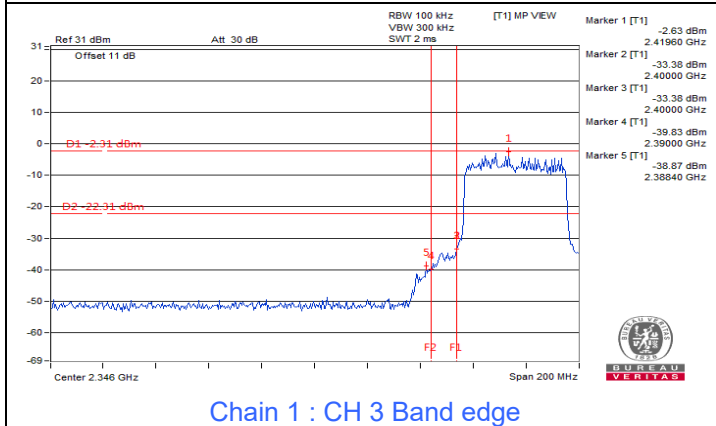
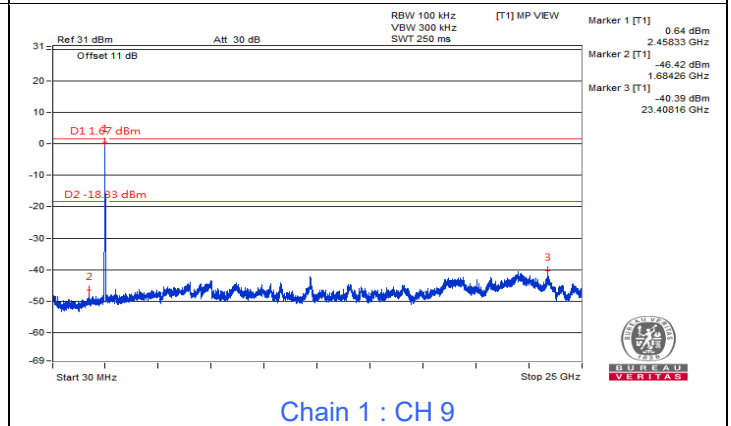
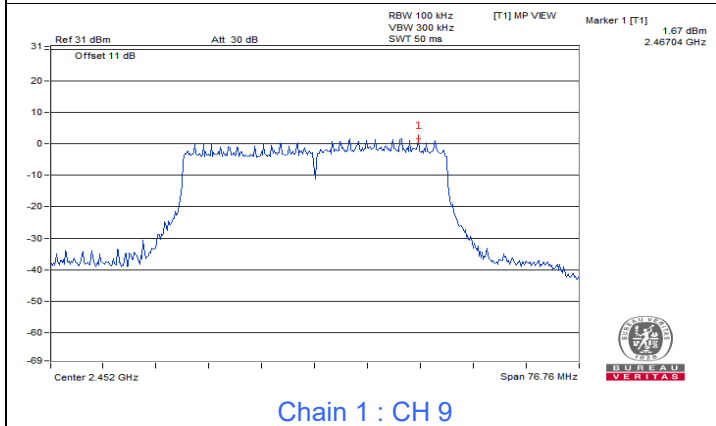
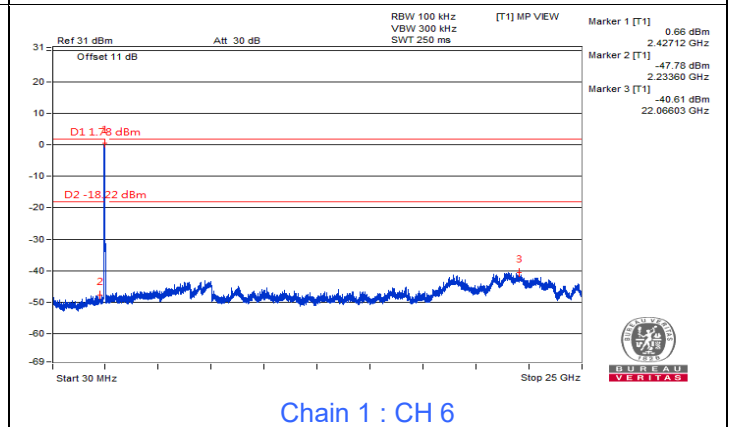
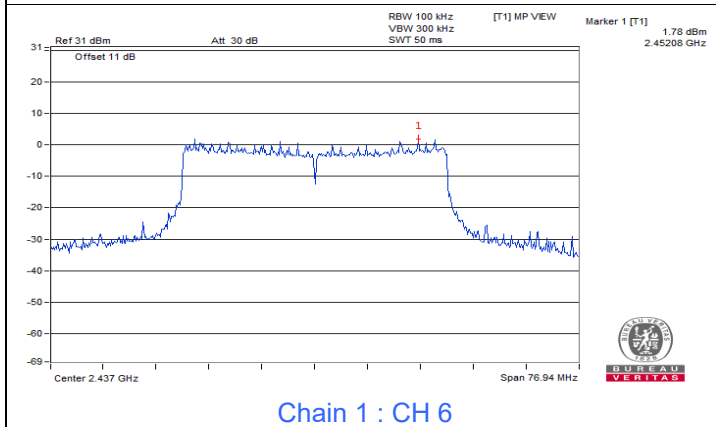
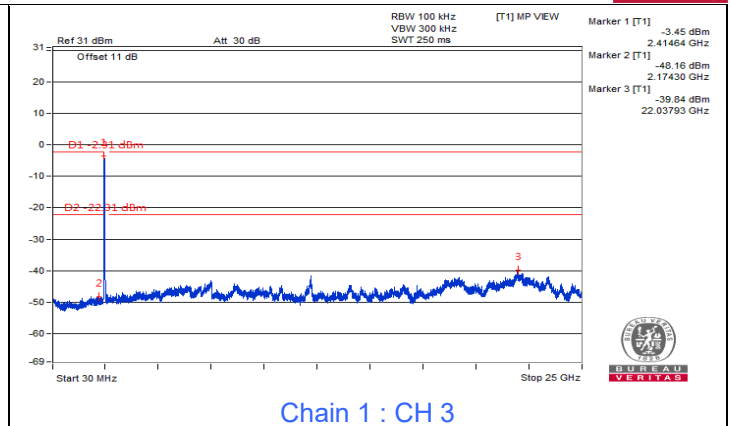
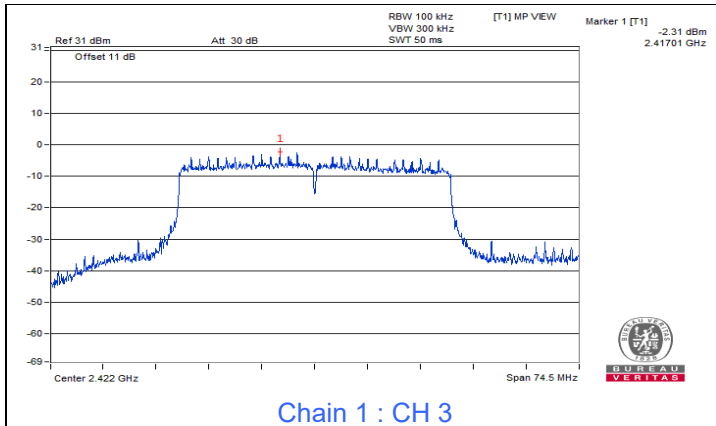
802.11be (EHT20)



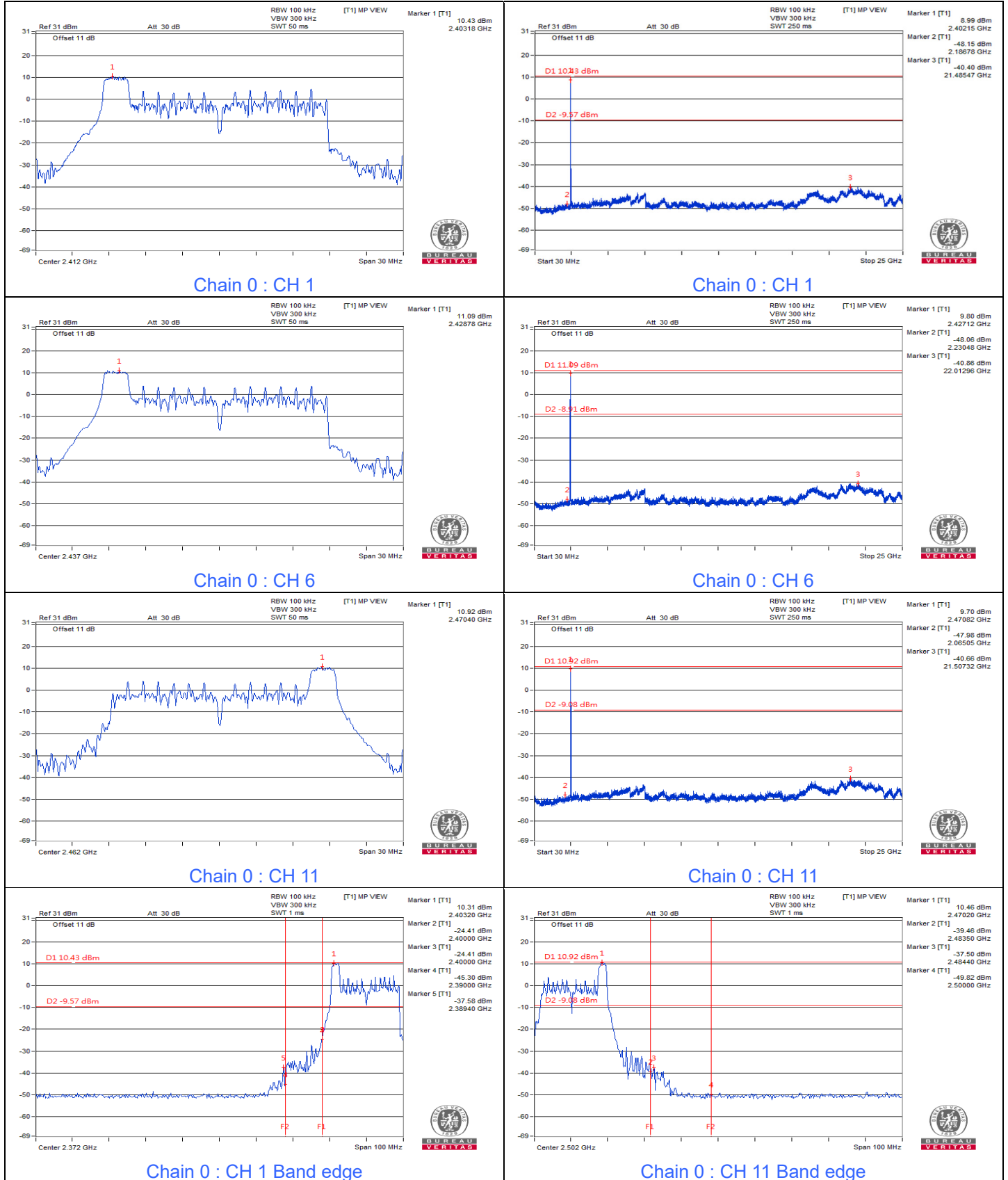


802.11be (EHT40)



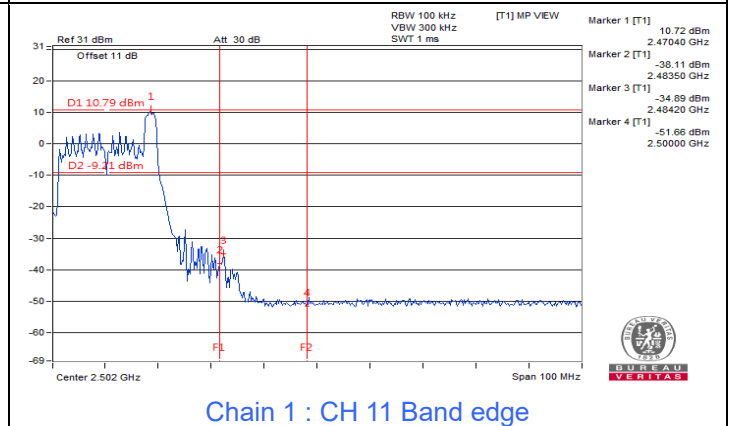
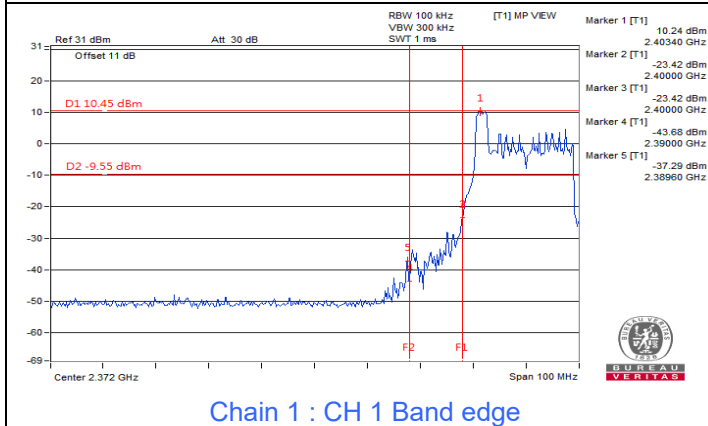
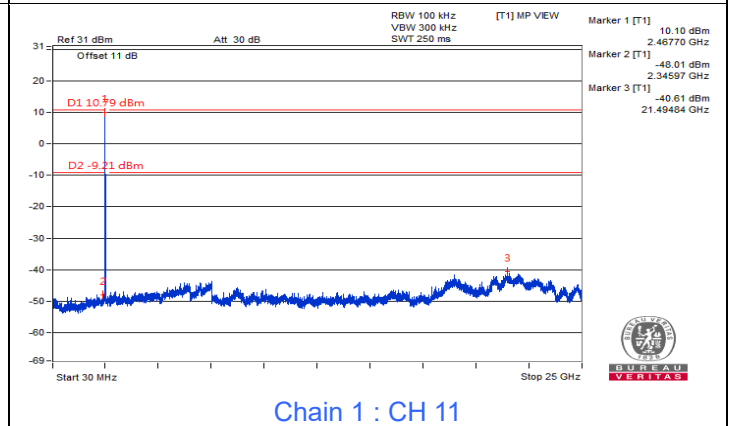
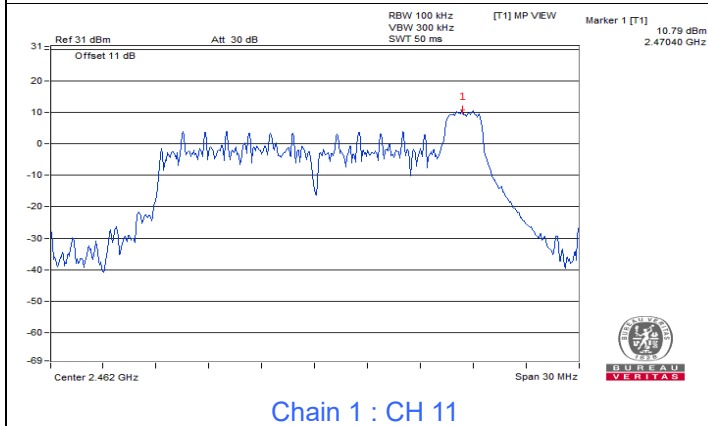
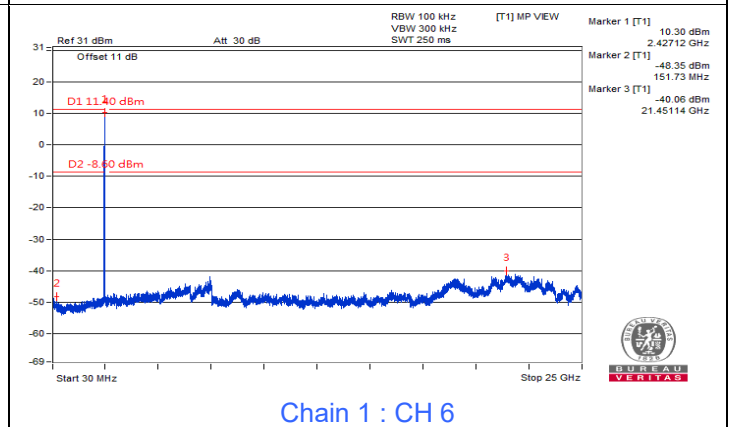
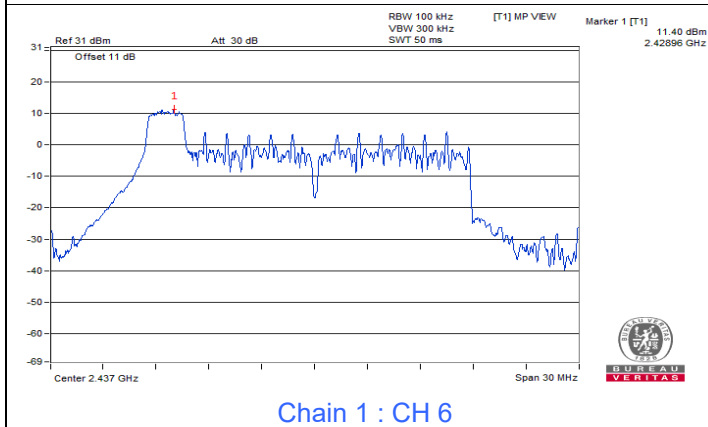
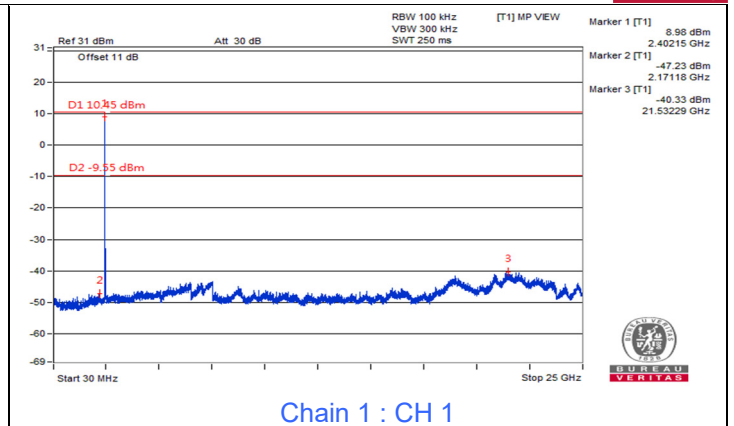
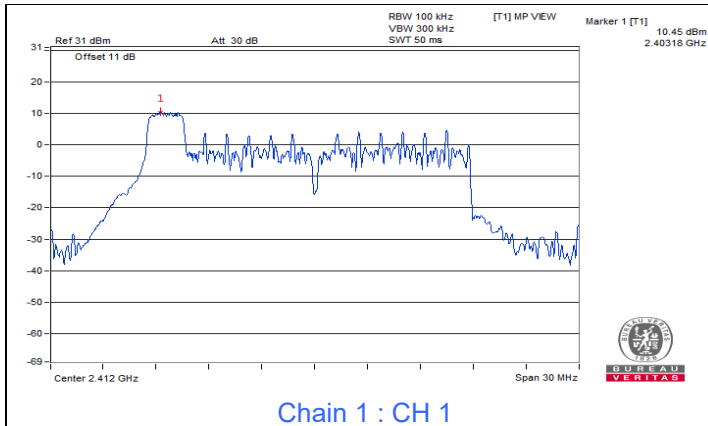


802.11be (EHT20) 26-tone RU

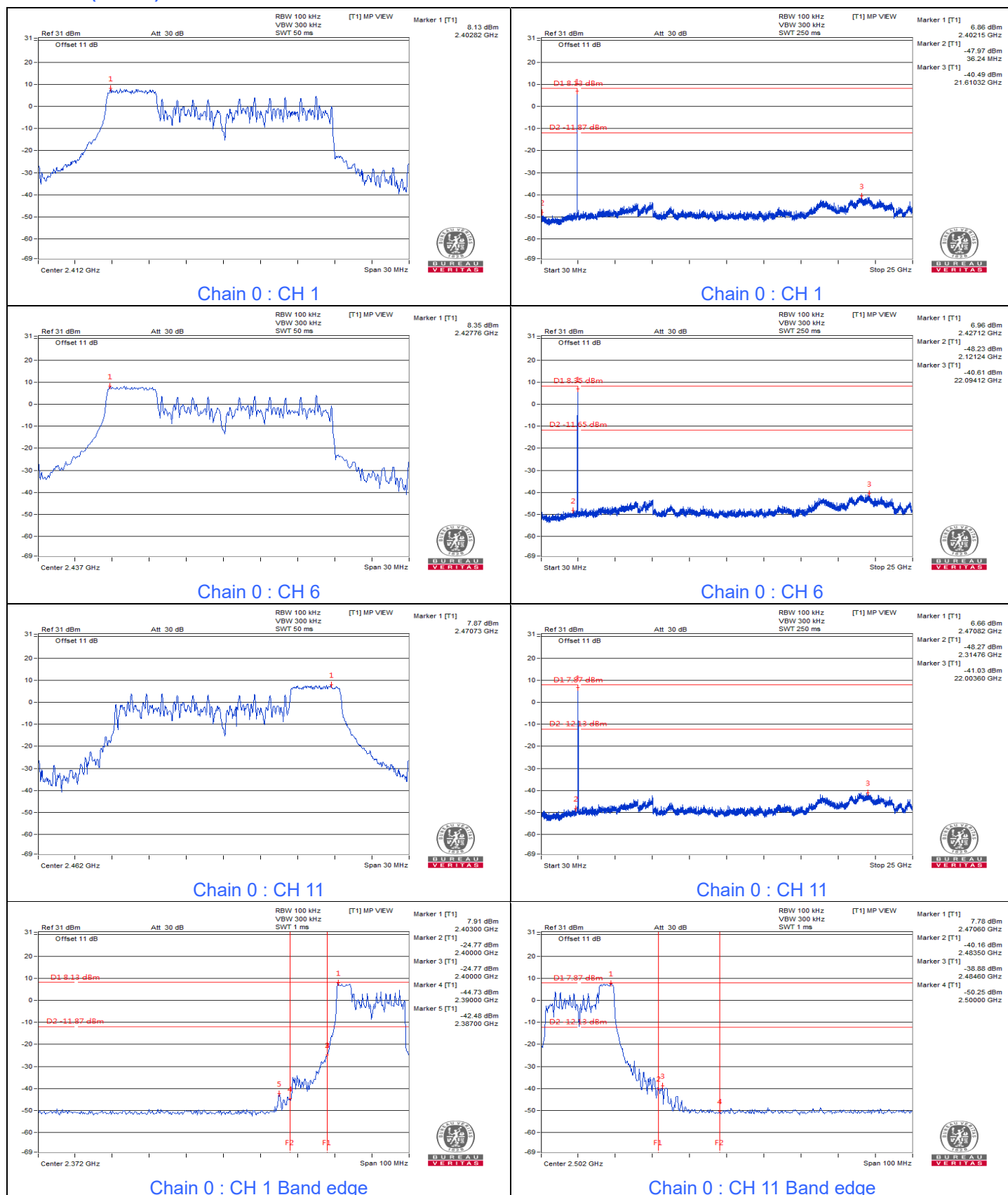




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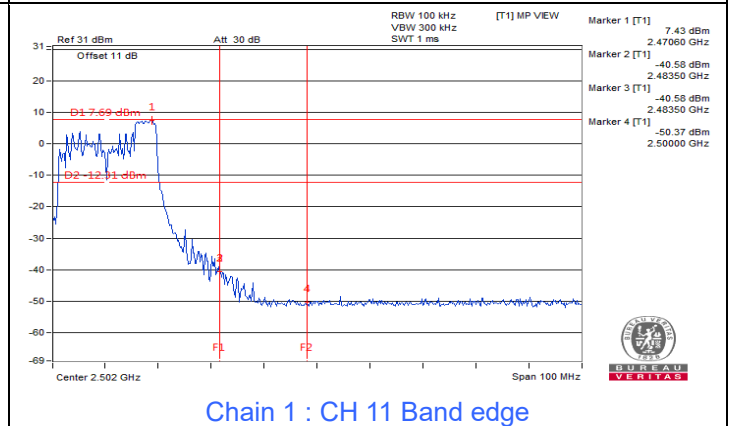
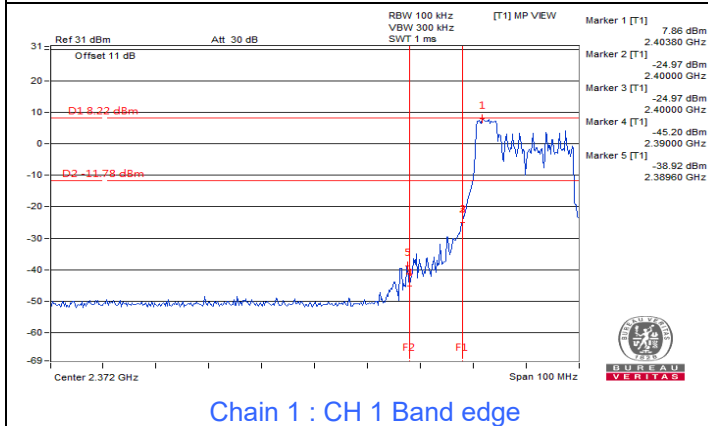
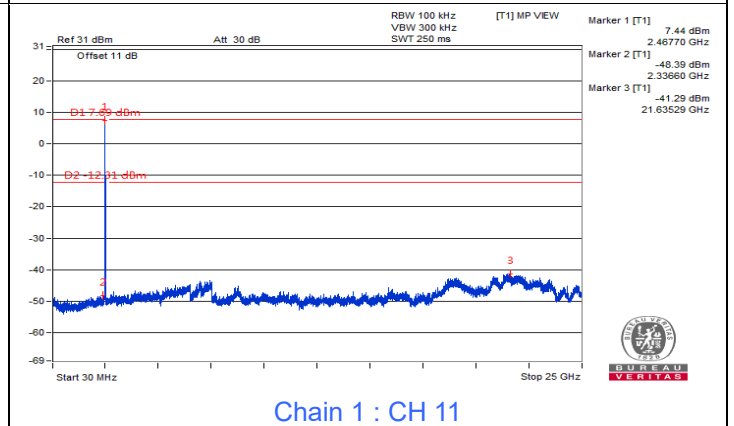
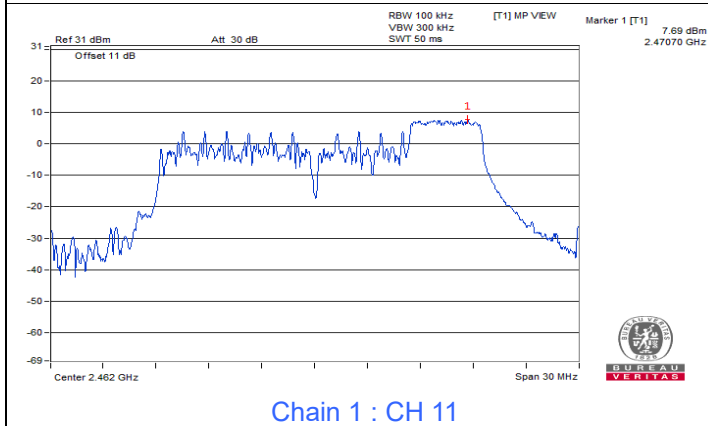
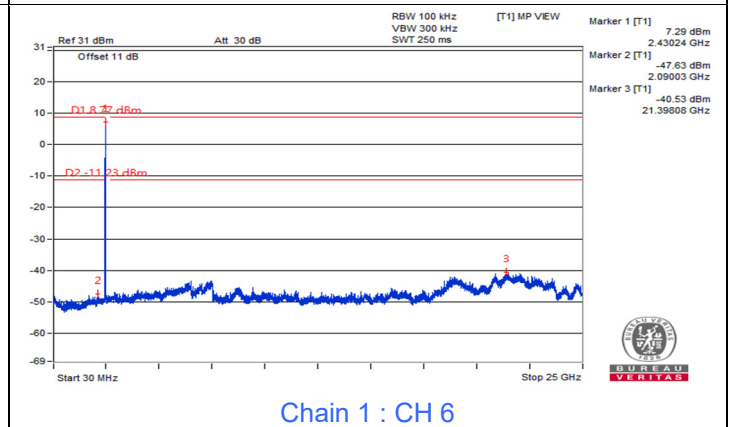
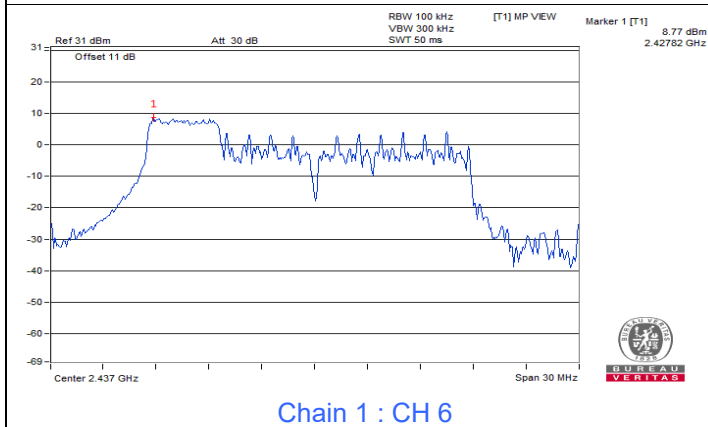
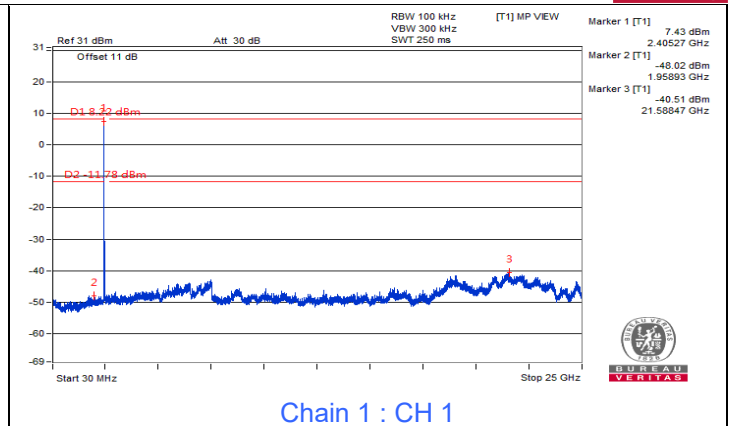
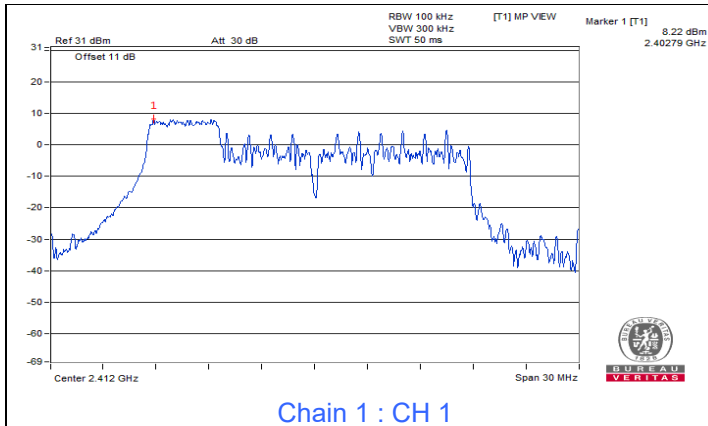


802.11be (EHT20) 52-tone RU

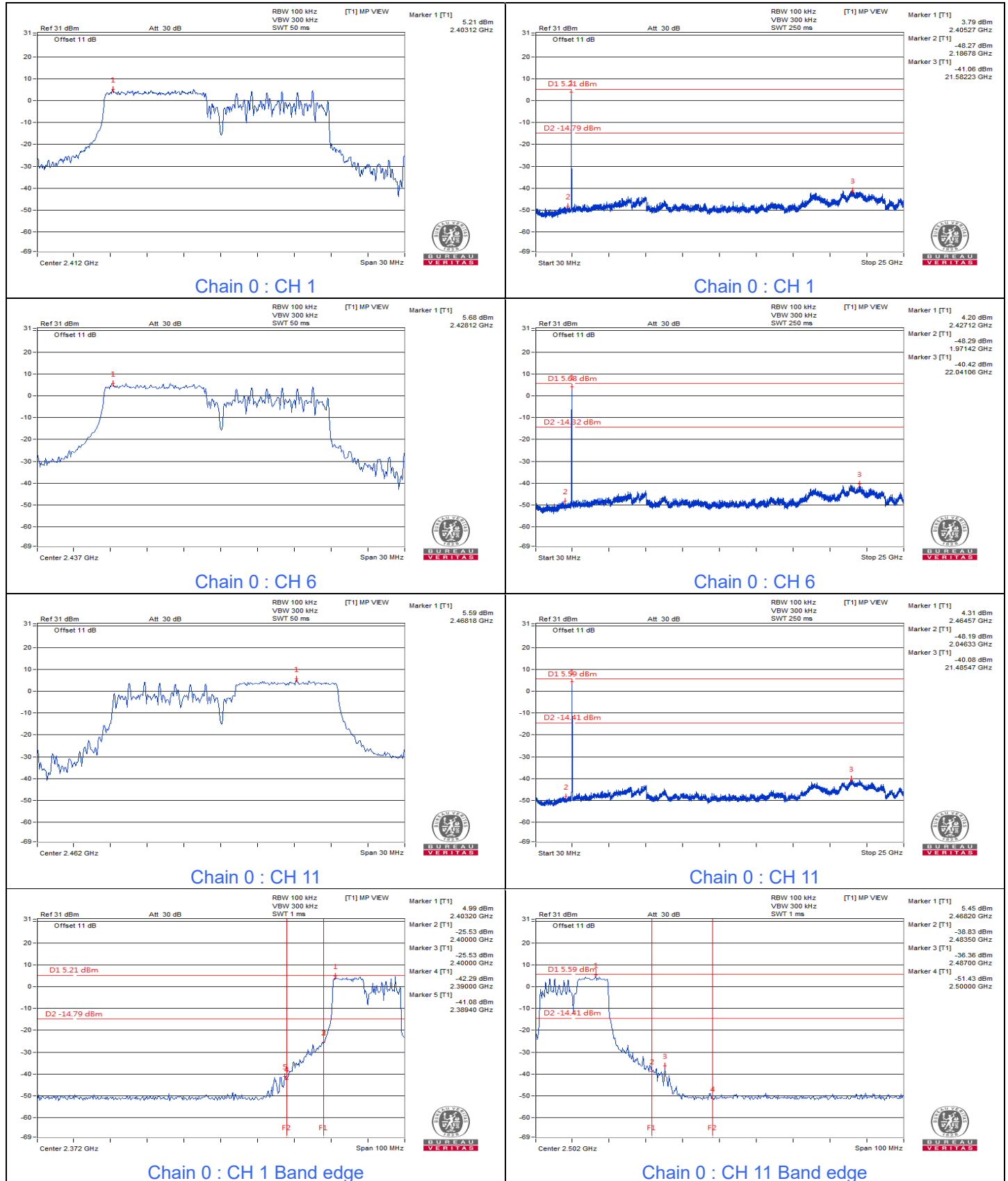


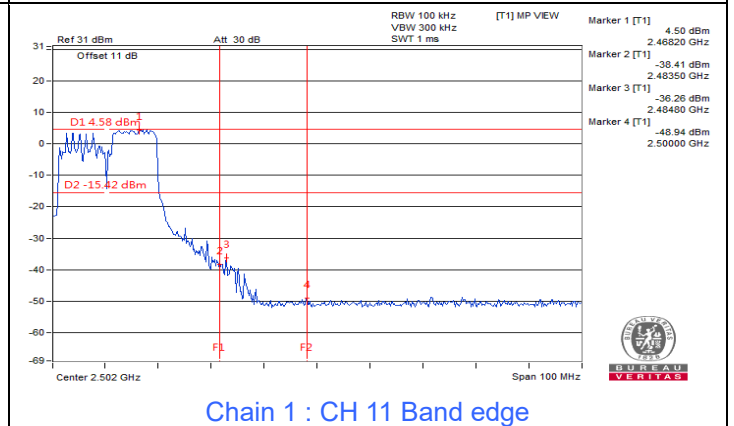
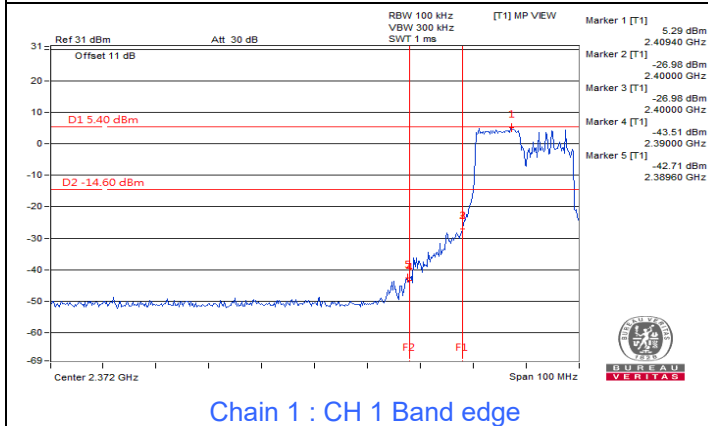
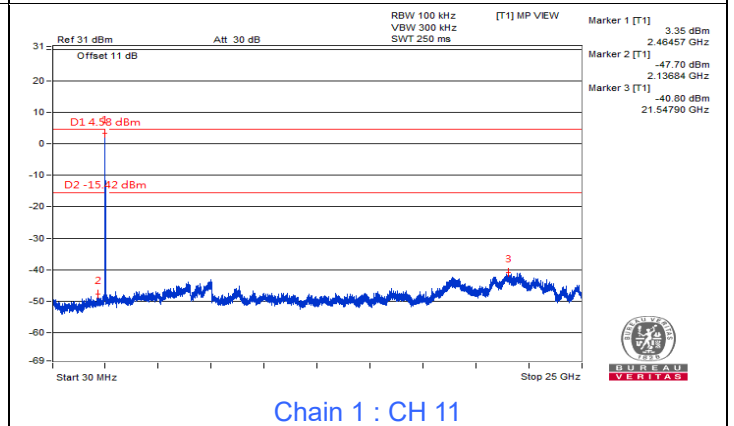
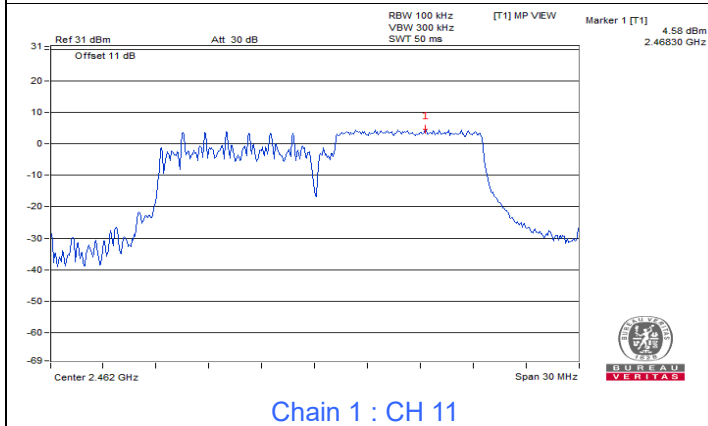
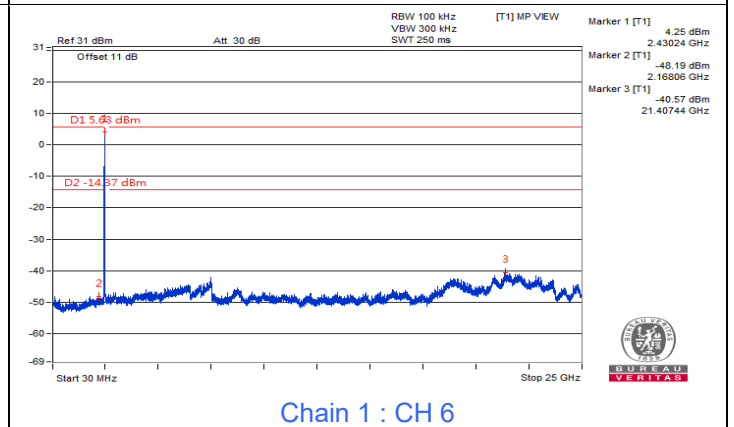
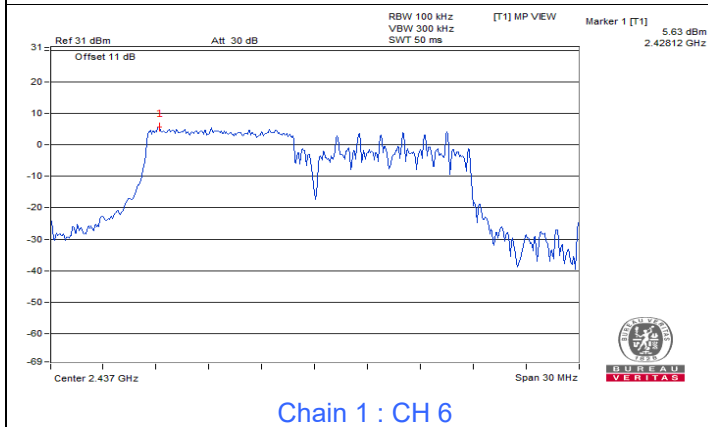
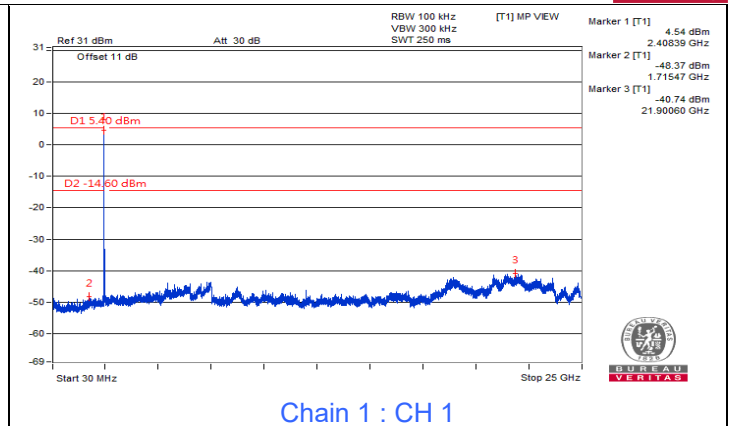
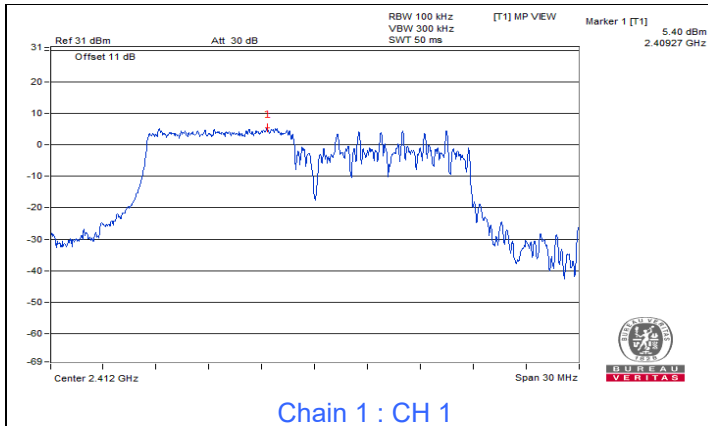


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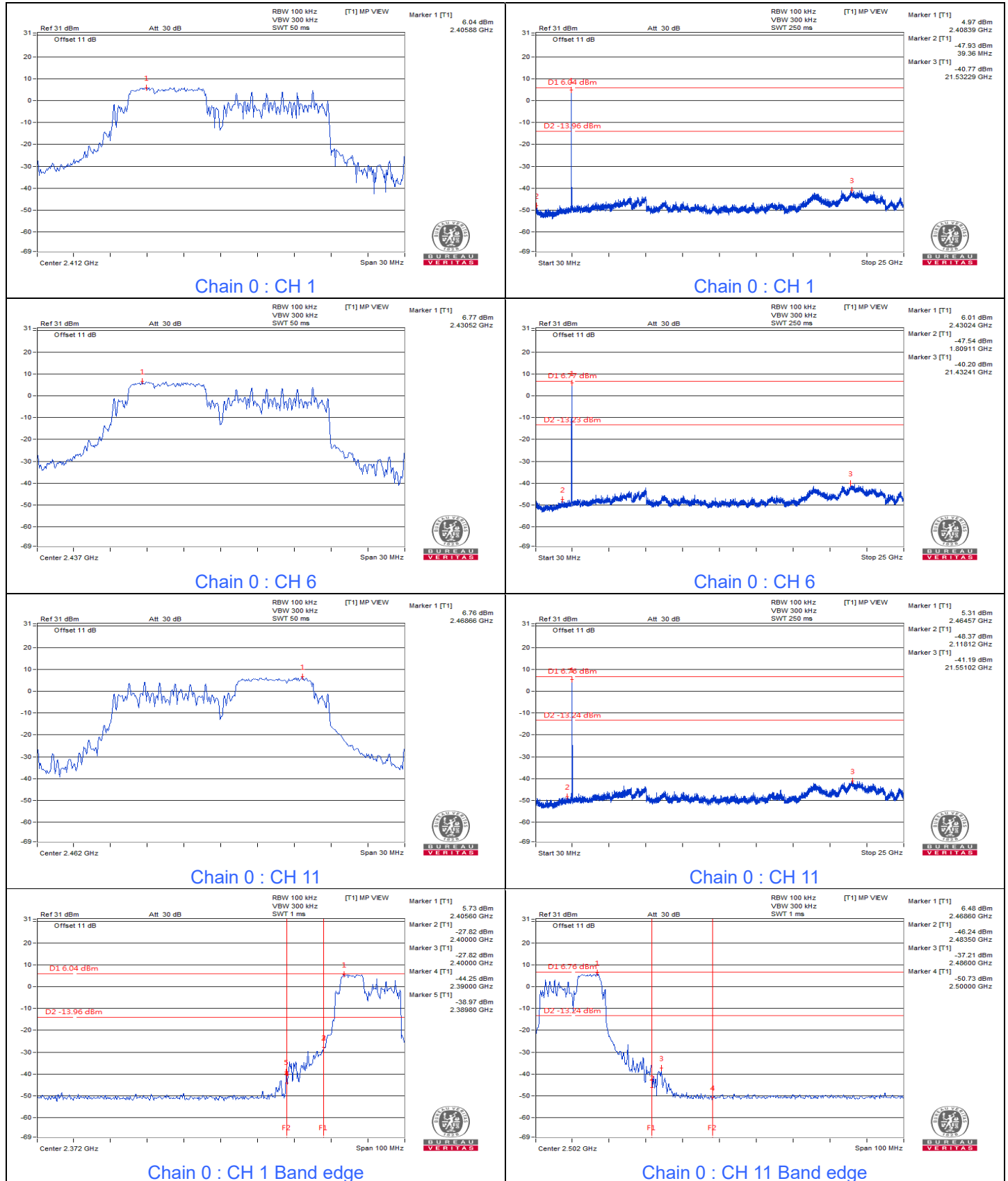


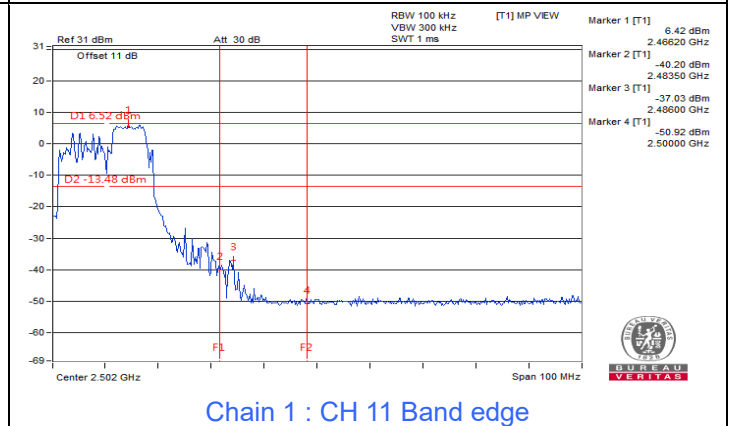
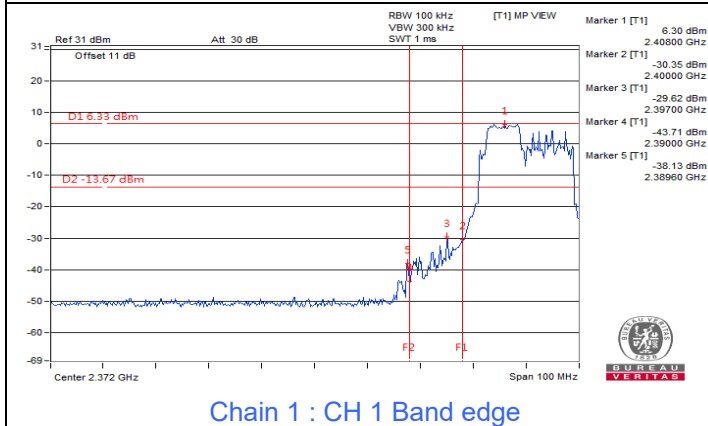
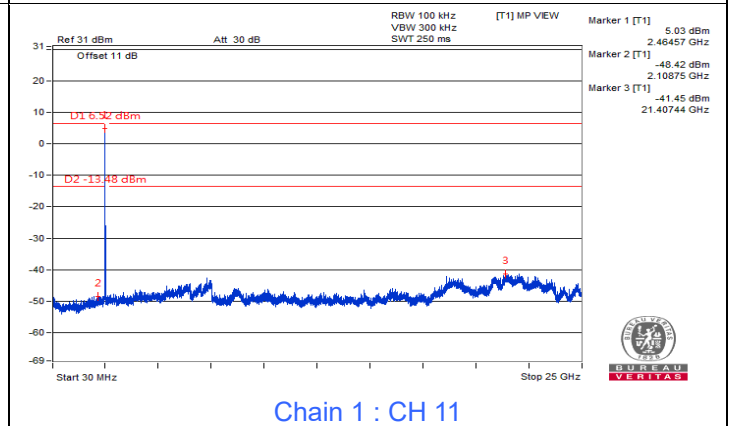
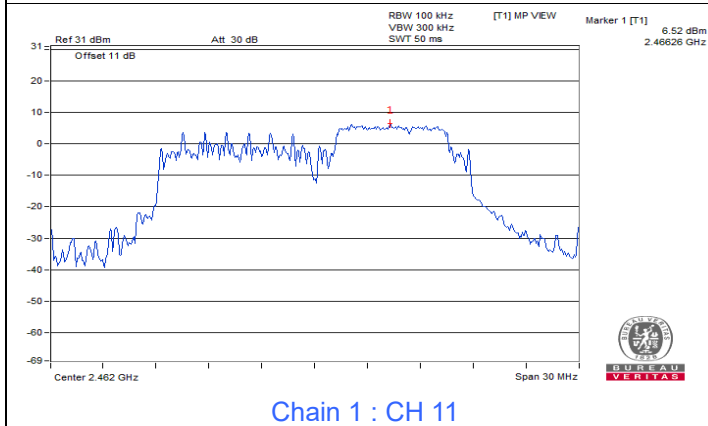
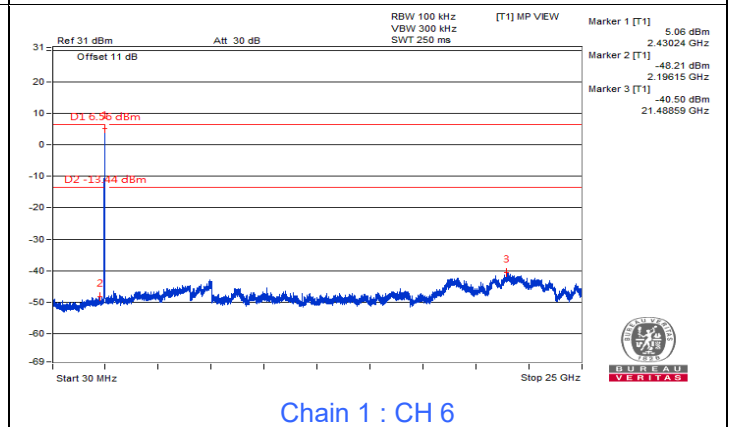
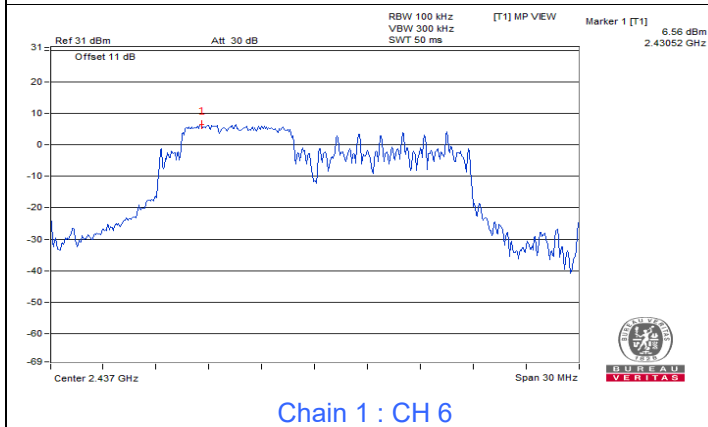
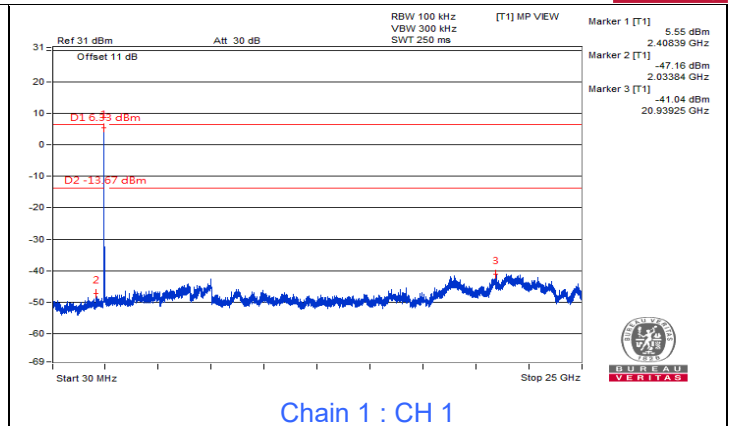
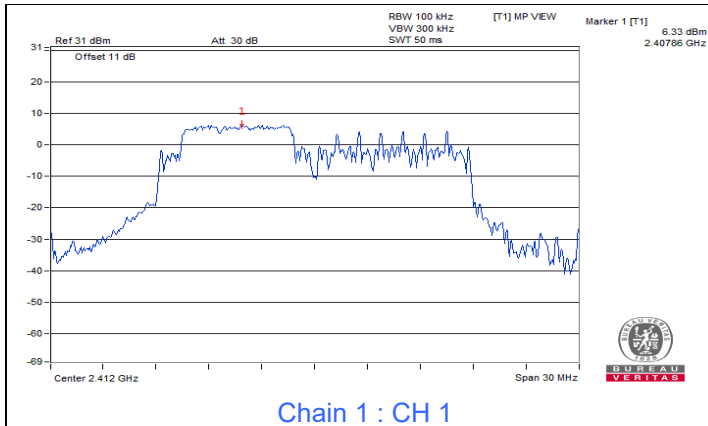
802.11be (EHT20) 106-tone RU



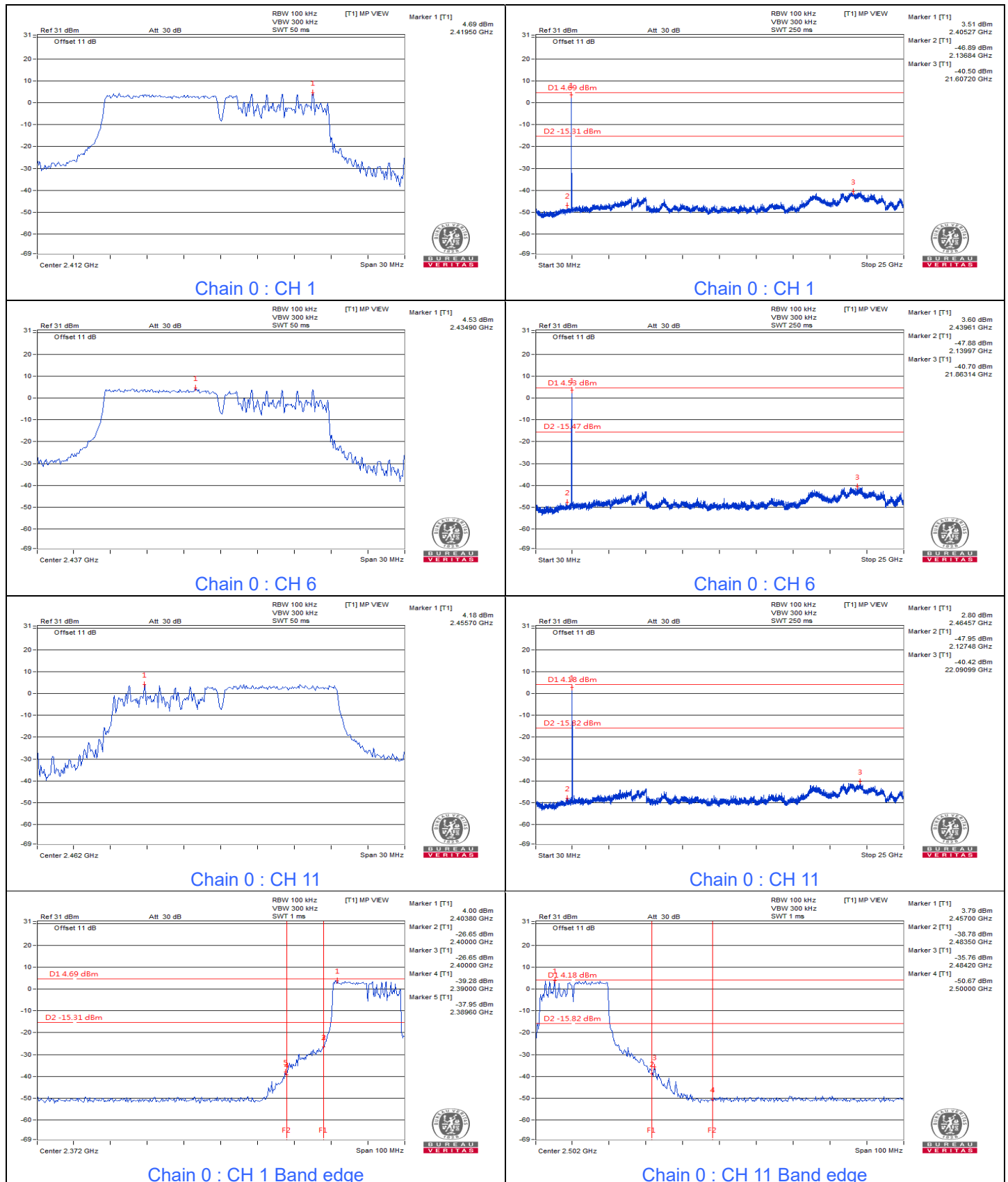


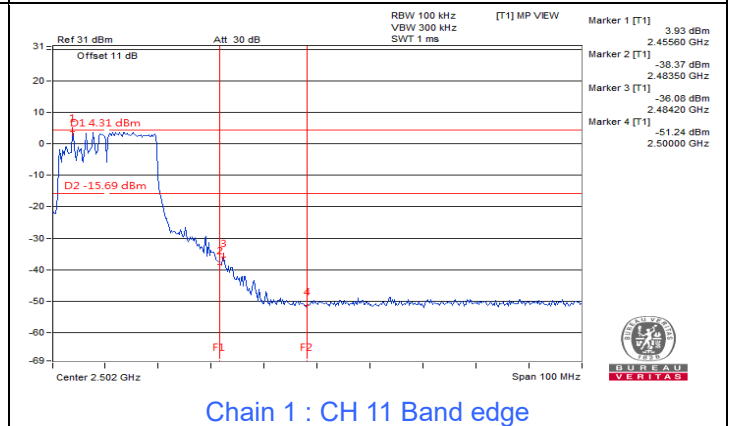
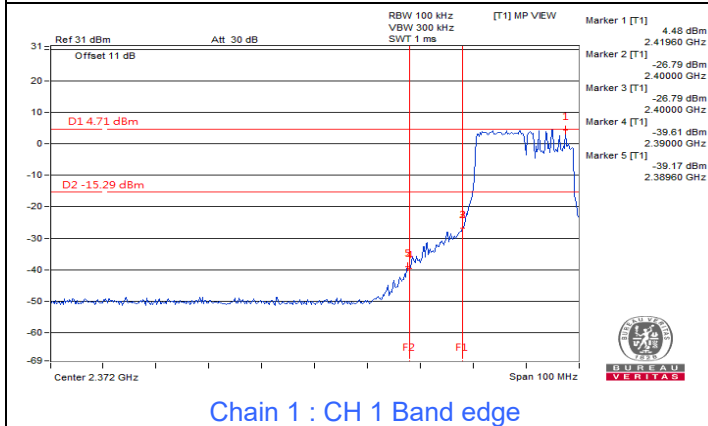
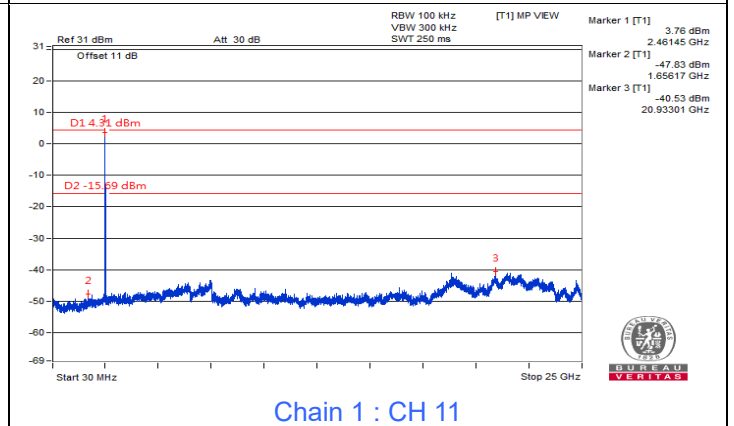
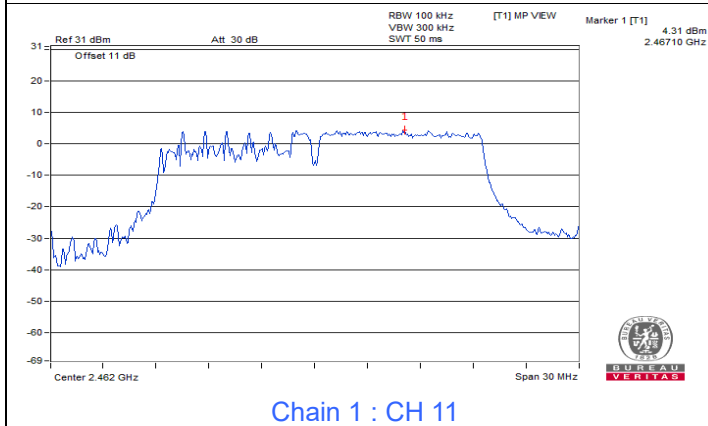
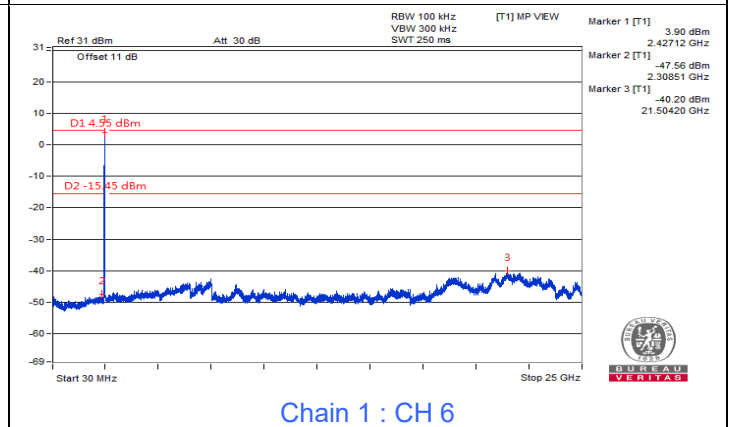
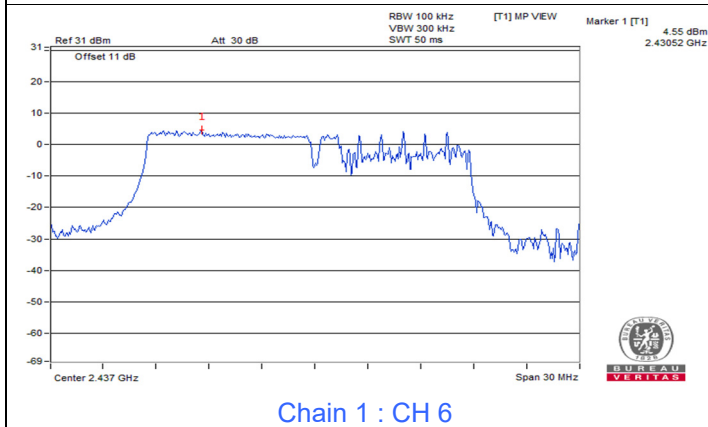
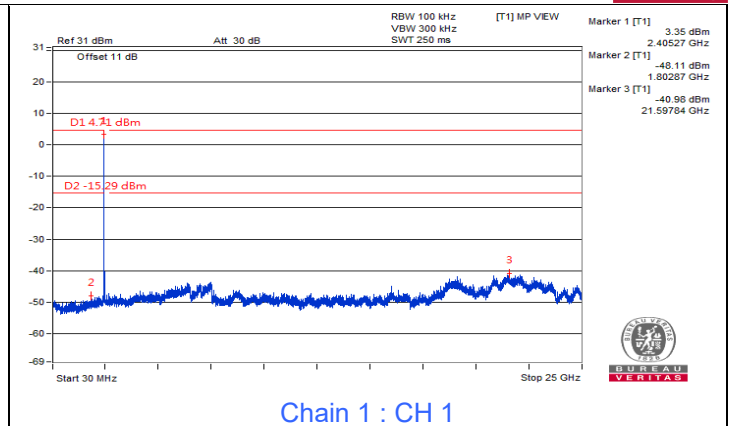
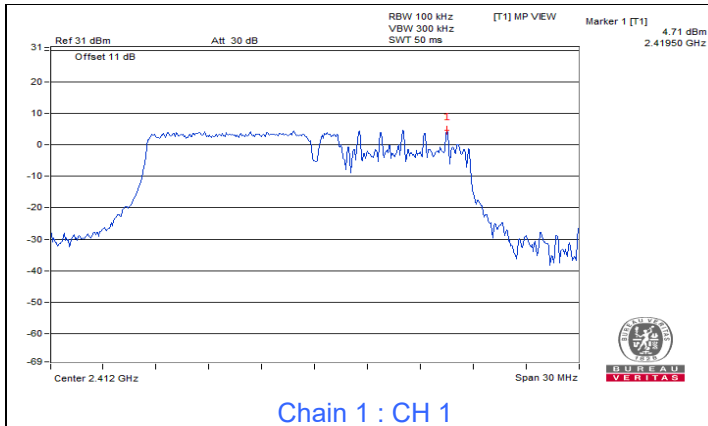
802.11be (EHT20) 52+26-tone MRU





802.11be (EHT20) 106+26-tone MRU





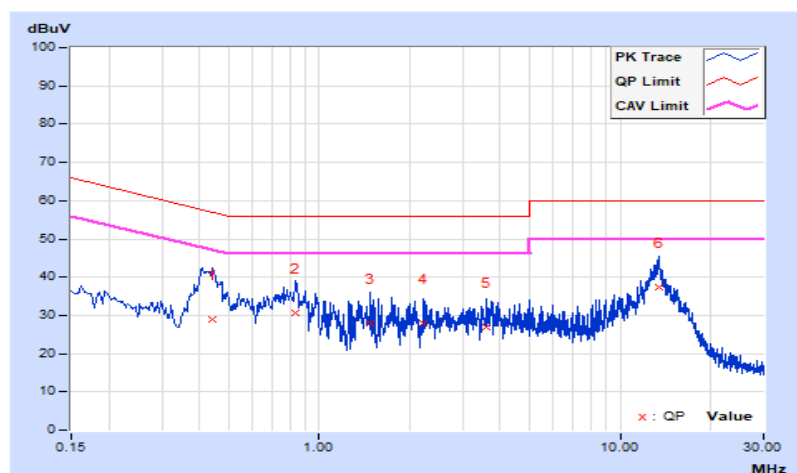
7.5 AC Power Conducted Emissions

RF Mode	802.11be (EHT20)	Channel	CH 6 : 2437 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Luis Lee		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.44177	10.41	18.71	10.62	29.12	21.03	57.03	47.03	-27.91	-26.00
2	0.83400	10.49	20.13	12.24	30.62	22.73	56.00	46.00	-25.38	-23.27
3	1.47200	10.54	17.57	9.55	28.11	20.09	56.00	46.00	-27.89	-25.91
4	2.21600	10.59	17.47	9.39	28.06	19.98	56.00	46.00	-27.94	-26.02
5	3.61600	10.73	16.07	7.94	26.80	18.67	56.00	46.00	-29.20	-27.33
6	13.52400	10.94	26.27	12.87	37.21	23.81	60.00	50.00	-22.79	-26.19

Remarks:

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

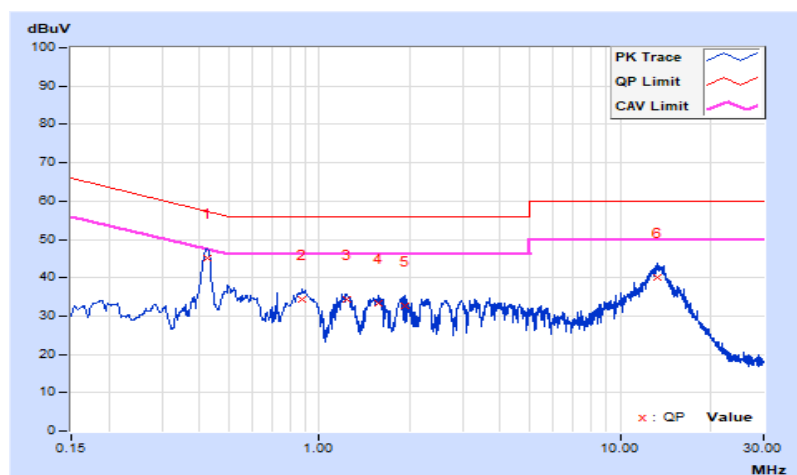


RF Mode	802.11be (EHT20)	Channel	CH 6 : 2437 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Luis Lee		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.42354	10.45	34.76	26.90	45.21	37.35	57.38	47.38	-12.17	-10.03
2	0.87800	10.54	23.70	15.68	34.24	26.22	56.00	46.00	-21.76	-19.78
3	1.24400	10.58	23.65	14.27	34.23	24.85	56.00	46.00	-21.77	-21.15
4	1.56800	10.60	22.85	14.07	33.45	24.67	56.00	46.00	-22.55	-21.33
5	1.92400	10.62	21.94	13.55	32.56	24.17	56.00	46.00	-23.44	-21.83
6	13.26800	11.07	28.89	16.19	39.96	27.26	60.00	50.00	-20.04	-22.74

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



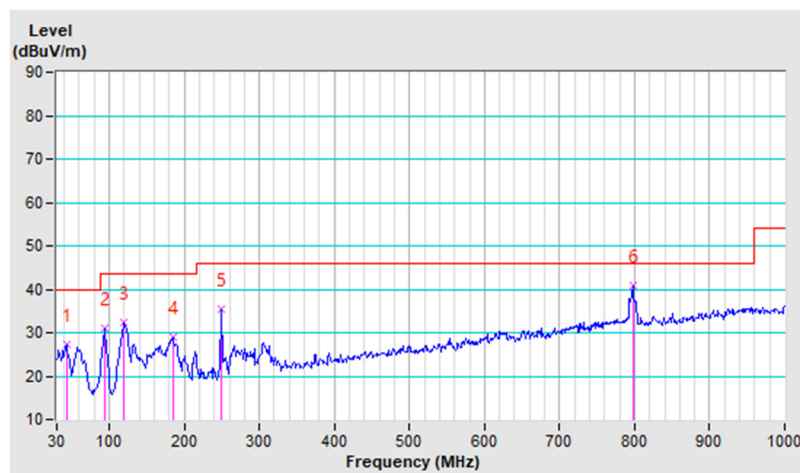
7.6 Unwanted Emissions below 1 GHz

RF Mode	802.11be (EHT20)	Channel	CH 6 : 2437 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, 66% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	42.65	27.4 QP	40.0	-12.6	1.50 H	299	36.3	-8.9
2	93.26	31.1 QP	43.5	-12.4	1.50 H	111	45.3	-14.2
3	119.97	32.4 QP	43.5	-11.1	1.50 H	282	43.3	-10.9
4	184.64	29.1 QP	43.5	-14.4	1.50 H	98	39.5	-10.4
5	249.30	35.3 QP	46.0	-10.7	1.01 H	128	44.3	-9.0
6	797.57	40.9 QP	46.0	-5.1	1.50 H	207	37.7	3.2

Remarks:

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

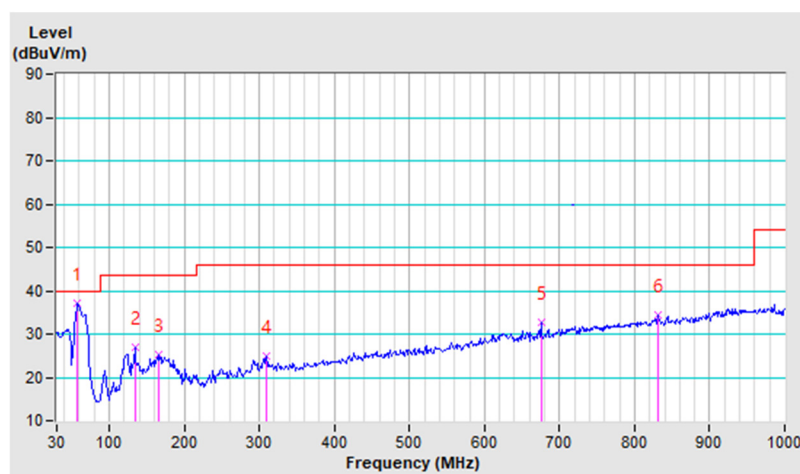


RF Mode	802.11be (EHT20)	Channel	CH 6 : 2437 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	58.12	37.1 QP	40.0	-2.9	1.00 V	215	46.3	-9.2
2	134.03	26.9 QP	43.5	-16.6	1.49 V	253	36.3	-9.4
3	166.36	25.2 QP	43.5	-18.3	1.49 V	160	33.8	-8.6
4	309.75	25.0 QP	46.0	-21.0	1.49 V	62	32.0	-7.0
5	675.26	32.7 QP	46.0	-13.3	1.49 V	18	32.1	0.6
6	831.30	34.3 QP	46.0	-11.7	1.49 V	276	30.4	3.9

Remarks:

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



7.7 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	60.1 PK	74.0	-13.9	2.43 H	344	25.7	34.4
2	2390.00	46.7 AV	54.0	-7.3	2.43 H	344	12.3	34.4
3	*2412.00	102.3 PK			2.43 H	344	68.1	34.2
4	*2412.00	99.8 AV			2.43 H	344	65.6	34.2
5	4824.00	49.5 PK	74.0	-24.5	1.99 H	228	37.8	11.7
6	4824.00	36.8 AV	54.0	-17.2	1.99 H	228	25.1	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	59.2 PK	74.0	-14.8	1.94 V	266	24.8	34.4
2	2390.00	46.2 AV	54.0	-7.8	1.94 V	266	11.8	34.4
3	*2412.00	97.6 PK			1.94 V	266	63.4	34.2
4	*2412.00	95.1 AV			1.94 V	266	60.9	34.2
5	4824.00	49.3 PK	74.0	-24.7	2.22 V	195	37.6	11.7
6	4824.00	36.9 AV	54.0	-17.1	2.22 V	195	25.2	11.7

Remarks:

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

RF Mode	802.11b	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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	102.2 PK			2.66 H	344	68.0	34.2
2	*2437.00	99.7 AV			2.66 H	344	65.5	34.2
3	4874.00	49.6 PK	74.0	-24.4	1.89 H	230	38.0	11.6
4	4874.00	37.0 AV	54.0	-17.0	1.89 H	230	25.4	11.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	97.8 PK			1.88 V	266	63.6	34.2
2	*2437.00	95.4 AV			1.88 V	266	61.2	34.2
3	4874.00	49.1 PK	74.0	-24.9	2.25 V	189	37.5	11.6
4	4874.00	36.7 AV	54.0	-17.3	2.25 V	189	25.1	11.6

Remarks:

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

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	102.0 PK			2.51 H	341	68.0	34.0
2	*2462.00	99.4 AV			2.51 H	341	65.4	34.0
3	2483.50	59.1 PK	74.0	-14.9	2.51 H	341	25.2	33.9
4	2483.50	47.7 AV	54.0	-6.3	2.51 H	341	13.8	33.9
5	4924.00	49.5 PK	74.0	-24.5	1.92 H	232	37.8	11.7
6	4924.00	36.9 AV	54.0	-17.1	1.92 H	232	25.2	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	99.5 PK			1.88 V	265	65.5	34.0
2	*2462.00	97.0 AV			1.88 V	265	63.0	34.0
3	2483.50	58.9 PK	74.0	-15.1	1.88 V	265	25.0	33.9
4	2483.50	47.5 AV	54.0	-6.5	1.88 V	265	13.6	33.9
5	4924.00	49.2 PK	74.0	-24.8	2.25 V	187	37.5	11.7
6	4924.00	36.8 AV	54.0	-17.2	2.25 V	187	25.1	11.7

Remarks:

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

RF Mode	802.11g	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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	60.6 PK	74.0	-13.4	2.33 H	346	26.2	34.4
2	2390.00	48.4 AV	54.0	-5.6	2.33 H	346	14.0	34.4
3	*2412.00	100.3 PK			2.33 H	346	66.1	34.2
4	*2412.00	91.0 AV			2.33 H	346	56.8	34.2
5	4824.00	49.5 PK	74.0	-24.5	1.82 H	224	37.8	11.7
6	4824.00	36.8 AV	54.0	-17.2	1.82 H	224	25.1	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	59.4 PK	74.0	-14.6	1.64 V	269	25.0	34.4
2	2390.00	46.6 AV	54.0	-7.4	1.64 V	269	12.2	34.4
3	*2412.00	95.2 PK			1.64 V	269	61.0	34.2
4	*2412.00	85.1 AV			1.64 V	269	50.9	34.2
5	4824.00	49.2 PK	74.0	-24.8	2.25 V	189	37.5	11.7
6	4824.00	36.6 AV	54.0	-17.4	2.25 V	189	24.9	11.7

Remarks:

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

RF Mode	802.11g	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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	101.7 PK			2.64 H	344	67.5	34.2
2	*2437.00	91.4 AV			2.64 H	344	57.2	34.2
3	4874.00	49.3 PK	74.0	-24.7	1.95 H	235	37.7	11.6
4	4874.00	36.6 AV	54.0	-17.4	1.95 H	235	25.0	11.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	97.2 PK			1.88 V	267	63.0	34.2
2	*2437.00	86.9 AV			1.88 V	267	52.7	34.2
3	4874.00	49.1 PK	74.0	-24.9	2.22 V	185	37.5	11.6
4	4874.00	36.4 AV	54.0	-17.6	2.22 V	185	24.8	11.6

Remarks:

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

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	101.0 PK			2.40 H	1	67.0	34.0
2	*2462.00	91.6 AV			2.40 H	1	57.6	34.0
3	2483.50	59.6 PK	74.0	-14.4	2.40 H	1	25.7	33.9
4	2483.50	47.9 AV	54.0	-6.1	2.40 H	1	14.0	33.9
5	4924.00	49.5 PK	74.0	-24.5	1.88 H	228	37.8	11.7
6	4924.00	36.7 AV	54.0	-17.3	1.88 H	228	25.0	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	98.3 PK			1.88 V	267	64.3	34.0
2	*2462.00	88.0 AV			1.88 V	267	54.0	34.0
3	2483.50	59.4 PK	74.0	-14.6	1.88 V	267	25.5	33.9
4	2483.50	47.4 AV	54.0	-6.6	1.88 V	267	13.5	33.9
5	4924.00	49.3 PK	74.0	-24.7	2.29 V	192	37.6	11.7
6	4924.00	36.5 AV	54.0	-17.5	2.29 V	192	24.8	11.7

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 69% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	62.5 PK	74.0	-11.5	1.82 H	192	28.1	34.4
2	2390.00	49.6 AV	54.0	-4.4	1.82 H	192	15.2	34.4
3	*2412.00	113.7 PK			1.82 H	192	79.5	34.2
4	*2412.00	101.0 AV			1.82 H	192	66.8	34.2
5	4824.00	49.4 PK	74.0	-24.6	1.95 H	222	37.7	11.7
6	4824.00	37.0 AV	54.0	-17.0	1.95 H	222	25.3	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	61.9 PK	74.0	-12.1	3.99 V	178	27.5	34.4
2	2390.00	47.4 AV	54.0	-6.6	3.99 V	178	13.0	34.4
3	*2412.00	107.2 PK			3.99 V	178	73.0	34.2
4	*2412.00	94.1 AV			3.99 V	178	59.9	34.2
5	4824.00	49.0 PK	74.0	-25.0	2.30 V	199	37.3	11.7
6	4824.00	36.5 AV	54.0	-17.5	2.30 V	199	24.8	11.7

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 69% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	112.4 PK			1.84 H	190	78.2	34.2
2	*2437.00	100.0 AV			1.84 H	190	65.8	34.2
3	4874.00	49.4 PK	74.0	-24.6	1.92 H	222	37.8	11.6
4	4874.00	37.0 AV	54.0	-17.0	1.92 H	222	25.4	11.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	105.6 PK			3.97 V	177	71.4	34.2
2	*2437.00	93.3 AV			3.97 V	177	59.1	34.2
3	4874.00	48.8 PK	74.0	-25.2	2.29 V	196	37.2	11.6
4	4874.00	36.3 AV	54.0	-17.7	2.29 V	196	24.7	11.6

Remarks:

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

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 69% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	111.6 PK			2.06 H	192	77.6	34.0
2	*2462.00	98.7 AV			2.06 H	192	64.7	34.0
3	2483.50	66.6 PK	74.0	-7.4	2.06 H	192	32.7	33.9
4	2483.50	51.8 AV	54.0	-2.2	2.06 H	192	17.9	33.9
5	4924.00	49.5 PK	74.0	-24.5	1.91 H	226	37.8	11.7
6	4924.00	37.1 AV	54.0	-16.9	1.91 H	226	25.4	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	105.4 PK			3.95 V	177	71.4	34.0
2	*2462.00	92.8 AV			3.95 V	177	58.8	34.0
3	2483.50	61.7 PK	74.0	-12.3	3.95 V	177	27.8	33.9
4	2483.50	48.8 AV	54.0	-5.2	3.95 V	177	14.9	33.9
5	4924.00	48.9 PK	74.0	-25.1	2.28 V	194	37.2	11.7
6	4924.00	36.4 AV	54.0	-17.6	2.28 V	194	24.7	11.7

Remarks:

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

RF Mode	802.11be (EHT40)	Channel	CH 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 69% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	66.0 PK	74.0	-8.0	1.72 H	188	31.6	34.4
2	2390.00	53.7 AV	54.0	-0.3	1.72 H	188	19.3	34.4
3	*2422.00	102.5 PK			1.72 H	188	68.2	34.3
4	*2422.00	89.9 AV			1.72 H	188	55.6	34.3
5	4844.00	49.3 PK	74.0	-24.7	1.90 H	218	37.6	11.7
6	4844.00	37.0 AV	54.0	-17.0	1.90 H	218	25.3	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	62.2 PK	74.0	-11.8	3.95 V	179	27.8	34.4
2	2390.00	49.5 AV	54.0	-4.5	3.95 V	179	15.1	34.4
3	*2422.00	96.5 PK			3.95 V	179	62.2	34.3
4	*2422.00	83.9 AV			3.95 V	179	49.6	34.3
5	4844.00	48.9 PK	74.0	-25.1	2.28 V	190	37.2	11.7
6	4844.00	36.4 AV	54.0	-17.6	2.28 V	190	24.7	11.7

Remarks:

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

RF Mode	802.11be (EHT40)	Channel	CH 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 69% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	67.8 PK	74.0	-6.2	1.97 H	189	33.4	34.4
2	2390.00	52.2 AV	54.0	-1.8	1.97 H	189	17.8	34.4
3	*2437.00	110.0 PK			1.97 H	189	75.8	34.2
4	*2437.00	96.9 AV			1.97 H	189	62.7	34.2
5	2483.50	68.3 PK	74.0	-5.7	1.97 H	189	34.4	33.9
6	2483.50	52.9 AV	54.0	-1.1	1.97 H	189	19.0	33.9
7	4874.00	49.4 PK	74.0	-24.6	1.90 H	217	37.8	11.6
8	4874.00	37.1 AV	54.0	-16.9	1.90 H	217	25.5	11.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	61.6 PK	74.0	-12.4	3.97 V	180	27.2	34.4
2	2390.00	48.4 AV	54.0	-5.6	3.97 V	180	14.0	34.4
3	*2437.00	104.3 PK			3.97 V	180	70.1	34.2
4	*2437.00	91.0 AV			3.97 V	180	56.8	34.2
5	2483.50	63.4 PK	74.0	-10.6	3.97 V	180	29.5	33.9
6	2483.50	49.2 AV	54.0	-4.8	3.97 V	180	15.3	33.9
7	4874.00	48.8 PK	74.0	-25.2	2.22 V	189	37.2	11.6
8	4874.00	36.2 AV	54.0	-17.8	2.22 V	189	24.6	11.6

Remarks:

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

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 69% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	106.7 PK			1.99 H	187	72.6	34.1
2	*2452.00	93.8 AV			1.99 H	187	59.7	34.1
3	2483.50	66.0 PK	74.0	-8.0	1.99 H	187	32.1	33.9
4	2483.50	53.4 AV	54.0	-0.6	1.99 H	187	19.5	33.9
5	4904.00	49.5 PK	74.0	-24.5	1.85 H	218	37.8	11.7
6	4904.00	36.9 AV	54.0	-17.1	1.85 H	218	25.2	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	99.4 PK			3.96 V	185	65.3	34.1
2	*2452.00	87.1 AV			3.96 V	185	53.0	34.1
3	2483.50	60.8 PK	74.0	-13.2	3.96 V	185	26.9	33.9
4	2483.50	49.0 AV	54.0	-5.0	3.96 V	185	15.1	33.9
5	4904.00	49.0 PK	74.0	-25.0	2.26 V	199	37.3	11.7
6	4904.00	36.4 AV	54.0	-17.6	2.26 V	199	24.7	11.7

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	71.8 PK	74.0	-2.2	1.35 H	331	36.5	35.3
2	2390.00	48.8 AV	54.0	-5.2	1.35 H	331	13.5	35.3
3	*2412.00	119.5 PK			1.35 H	331	84.2	35.3
4	*2412.00	107.9 AV			1.35 H	331	72.6	35.3
5	4824.00	49.8 PK	74.0	-24.2	2.63 H	145	42.6	7.2
6	4824.00	36.7 AV	54.0	-17.3	2.63 H	145	29.5	7.2
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	64.9 PK	74.0	-9.1	2.16 V	173	29.6	35.3
2	2390.00	48.0 AV	54.0	-6.0	2.16 V	173	12.7	35.3
3	*2412.00	111.8 PK			2.16 V	173	76.5	35.3
4	*2412.00	100.2 AV			2.16 V	173	64.9	35.3
5	4824.00	49.5 PK	74.0	-24.5	1.63 V	279	42.3	7.2
6	4824.00	36.2 AV	54.0	-17.8	1.63 V	279	29.0	7.2

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	119.9 PK			1.34 H	336	84.5	35.4
2	*2437.00	108.2 AV			1.34 H	336	72.8	35.4
3	4874.00	49.9 PK	74.0	-24.1	2.57 H	138	42.8	7.1
4	4874.00	36.8 AV	54.0	-17.2	2.57 H	138	29.7	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	112.1 PK			2.21 V	169	76.7	35.4
2	*2437.00	100.6 AV			2.21 V	169	65.2	35.4
3	4874.00	49.7 PK	74.0	-24.3	1.58 V	263	42.6	7.1
4	4874.00	36.5 AV	54.0	-17.5	1.58 V	263	29.4	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	119.6 PK			1.53 H	354	84.1	35.5
2	*2462.00	108.5 AV			1.53 H	354	73.0	35.5
3	2483.50	72.5 PK	74.0	-1.5	1.53 H	354	37.1	35.4
4	2483.50	49.6 AV	54.0	-4.4	1.53 H	354	14.2	35.4
5	4924.00	49.7 PK	74.0	-24.3	2.43 H	142	42.6	7.1
6	4924.00	36.7 AV	54.0	-17.3	2.43 H	142	29.6	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	111.9 PK			2.61 V	172	76.4	35.5
2	*2462.00	100.7 AV			2.61 V	172	65.2	35.5
3	2483.50	65.0 PK	74.0	-9.0	2.61 V	172	29.6	35.4
4	2483.50	48.4 AV	54.0	-5.6	2.61 V	172	13.0	35.4
5	4924.00	49.5 PK	74.0	-24.5	1.45 V	261	42.4	7.1
6	4924.00	36.4 AV	54.0	-17.6	1.45 V	261	29.3	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	70.9 PK	74.0	-3.1	1.33 H	332	35.6	35.3
2	2390.00	49.2 AV	54.0	-4.8	1.33 H	332	13.9	35.3
3	*2412.00	117.3 PK			1.33 H	332	82.0	35.3
4	*2412.00	105.2 AV			1.33 H	332	69.9	35.3
5	4824.00	49.7 PK	74.0	-24.3	2.34 H	156	42.5	7.2
6	4824.00	36.5 AV	54.0	-17.5	2.34 H	156	29.3	7.2
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	64.2 PK	74.0	-9.8	2.48 V	171	28.9	35.3
2	2390.00	47.9 AV	54.0	-6.1	2.48 V	171	12.6	35.3
3	*2412.00	109.2 PK			2.48 V	171	73.9	35.3
4	*2412.00	97.0 AV			2.48 V	171	61.7	35.3
5	4824.00	49.4 PK	74.0	-24.6	1.38 V	258	42.2	7.2
6	4824.00	36.3 AV	54.0	-17.7	1.38 V	258	29.1	7.2

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	117.7 PK			1.36 H	335	82.3	35.4
2	*2437.00	105.5 AV			1.36 H	335	70.1	35.4
3	4874.00	49.9 PK	74.0	-24.1	2.24 H	152	42.8	7.1
4	4874.00	36.6 AV	54.0	-17.4	2.24 H	152	29.5	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	109.6 PK			2.42 V	168	74.2	35.4
2	*2437.00	97.4 AV			2.42 V	168	62.0	35.4
3	4874.00	49.6 PK	74.0	-24.4	1.25 V	251	42.5	7.1
4	4874.00	36.4 AV	54.0	-17.6	1.25 V	251	29.3	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	118.2 PK			1.26 H	355	82.7	35.5
2	*2462.00	106.0 AV			1.26 H	355	70.5	35.5
3	2483.50	70.1 PK	74.0	-3.9	1.26 H	355	34.7	35.4
4	2483.50	49.5 AV	54.0	-4.5	1.26 H	355	14.1	35.4
5	4924.00	49.6 PK	74.0	-24.4	2.14 H	149	42.5	7.1
6	4924.00	36.4 AV	54.0	-17.6	2.14 H	149	29.3	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	109.8 PK			2.62 V	173	74.3	35.5
2	*2462.00	97.9 AV			2.62 V	173	62.4	35.5
3	2483.50	62.3 PK	74.0	-11.7	2.62 V	173	26.9	35.4
4	2483.50	48.3 AV	54.0	-5.7	2.62 V	173	12.9	35.4
5	4924.00	49.4 PK	74.0	-24.6	1.16 V	247	42.3	7.1
6	4924.00	36.2 AV	54.0	-17.8	1.16 V	247	29.1	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	71.1 PK	74.0	-2.9	1.05 H	336	35.8	35.3
2	2390.00	49.2 AV	54.0	-4.8	1.05 H	336	13.9	35.3
3	*2412.00	113.7 PK			1.05 H	336	78.4	35.3
4	*2412.00	102.2 AV			1.05 H	336	66.9	35.3
5	4824.00	49.6 PK	74.0	-24.4	2.24 H	156	42.4	7.2
6	4824.00	36.4 AV	54.0	-17.6	2.24 H	156	29.2	7.2
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	61.3 PK	74.0	-12.7	2.46 V	170	26.0	35.3
2	2390.00	48.2 AV	54.0	-5.8	2.46 V	170	12.9	35.3
3	*2412.00	106.3 PK			2.46 V	170	71.0	35.3
4	*2412.00	94.1 AV			2.46 V	170	58.8	35.3
5	4824.00	49.4 PK	74.0	-24.6	1.27 V	223	42.2	7.2
6	4824.00	36.2 AV	54.0	-17.8	1.27 V	223	29.0	7.2

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	114.0 PK			1.08 H	328	78.6	35.4
2	*2437.00	102.6 AV			1.08 H	328	67.2	35.4
3	4874.00	49.9 PK	74.0	-24.1	2.19 H	152	42.8	7.1
4	4874.00	36.7 AV	54.0	-17.3	2.19 H	152	29.6	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	106.6 PK			2.42 V	173	71.2	35.4
2	*2437.00	94.4 AV			2.42 V	173	59.0	35.4
3	4874.00	49.6 PK	74.0	-24.4	1.32 V	218	42.5	7.1
4	4874.00	36.4 AV	54.0	-17.6	1.32 V	218	29.3	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	115.4 PK			1.27 H	356	79.9	35.5
2	*2462.00	103.3 AV			1.27 H	356	67.8	35.5
3	2483.50	73.5 PK	74.0	-0.5	1.27 H	356	38.1	35.4
4	2483.50	51.7 AV	54.0	-2.3	1.27 H	356	16.3	35.4
5	4924.00	49.7 PK	74.0	-24.3	2.24 H	148	42.6	7.1
6	4924.00	36.6 AV	54.0	-17.4	2.24 H	148	29.5	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	106.8 PK			2.49 V	171	71.3	35.5
2	*2462.00	95.1 AV			2.49 V	171	59.6	35.5
3	2483.50	66.6 PK	74.0	-7.4	2.49 V	171	31.2	35.4
4	2483.50	48.9 AV	54.0	-5.1	2.49 V	171	13.5	35.4
5	4924.00	49.4 PK	74.0	-24.6	1.46 V	228	42.3	7.1
6	4924.00	36.1 AV	54.0	-17.9	1.46 V	228	29.0	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	72.2 PK	74.0	-1.8	1.42 H	165	36.9	35.3
2	2390.00	50.0 AV	54.0	-4.0	1.42 H	165	14.7	35.3
3	*2412.00	115.0 PK			1.42 H	165	79.7	35.3
4	*2412.00	102.6 AV			1.42 H	165	67.3	35.3
5	4824.00	49.6 PK	74.0	-24.4	1.58 H	178	42.4	7.2
6	4824.00	36.2 AV	54.0	-17.8	1.58 H	178	29.0	7.2
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	66.8 PK	74.0	-7.2	2.38 V	262	31.5	35.3
2	2390.00	49.0 AV	54.0	-5.0	2.38 V	262	13.7	35.3
3	*2412.00	107.7 PK			2.38 V	262	72.4	35.3
4	*2412.00	95.6 AV			2.38 V	262	60.3	35.3
5	4824.00	49.3 PK	74.0	-24.7	1.86 V	163	42.1	7.2
6	4824.00	35.8 AV	54.0	-18.2	1.86 V	163	28.6	7.2

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	112.3 PK			1.48 H	169	76.9	35.4
2	*2437.00	99.9 AV			1.48 H	169	64.5	35.4
3	4874.00	49.3 PK	74.0	-24.7	1.37 H	291	42.2	7.1
4	4874.00	36.3 AV	54.0	-17.7	1.37 H	291	29.2	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	106.1 PK			2.38 V	262	70.7	35.4
2	*2437.00	93.6 AV			2.38 V	262	58.2	35.4
3	4874.00	49.1 PK	74.0	-24.9	1.89 V	289	42.0	7.1
4	4874.00	36.0 AV	54.0	-18.0	1.89 V	289	28.9	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	114.7 PK			1.41 H	170	79.2	35.5
2	*2462.00	102.6 AV			1.41 H	170	67.1	35.5
3	2483.50	73.3 PK	74.0	-0.7	1.41 H	170	37.9	35.4
4	2483.50	53.4 AV	54.0	-0.6	1.41 H	170	18.0	35.4
5	4924.00	49.3 PK	74.0	-24.7	2.86 H	147	42.2	7.1
6	4924.00	35.7 AV	54.0	-18.3	2.86 H	147	28.6	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	109.0 PK			2.38 V	262	73.5	35.5
2	*2462.00	97.0 AV			2.38 V	262	61.5	35.5
3	2483.50	70.1 PK	74.0	-3.9	2.38 V	262	34.7	35.4
4	2483.50	50.9 AV	54.0	-3.1	2.38 V	262	15.5	35.4
5	4924.00	49.1 PK	74.0	-24.9	2.41 V	155	42.0	7.1
6	4924.00	35.6 AV	54.0	-18.4	2.41 V	155	28.5	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	72.0 PK	74.0	-2.0	1.51 H	164	36.7	35.3
2	2390.00	50.3 AV	54.0	-3.7	1.51 H	164	15.0	35.3
3	*2412.00	114.8 PK			1.51 H	164	79.5	35.3
4	*2412.00	102.3 AV			1.51 H	164	67.0	35.3
5	4824.00	49.5 PK	74.0	-24.5	3.28 H	58	42.3	7.2
6	4824.00	36.2 AV	54.0	-17.8	3.28 H	58	29.0	7.2
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	67.0 PK	74.0	-7.0	2.26 V	260	31.7	35.3
2	2390.00	49.6 AV	54.0	-4.4	2.26 V	260	14.3	35.3
3	*2412.00	107.9 PK			2.26 V	260	72.6	35.3
4	*2412.00	95.7 AV			2.26 V	260	60.4	35.3
5	4824.00	49.3 PK	74.0	-24.7	2.00 V	287	42.1	7.2
6	4824.00	35.8 AV	54.0	-18.2	2.00 V	287	28.6	7.2

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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	114.6 PK			1.51 H	165	79.2	35.4
2	*2437.00	101.9 AV			1.51 H	165	66.5	35.4
3	4874.00	49.1 PK	74.0	-24.9	3.63 H	313	42.0	7.1
4	4874.00	36.1 AV	54.0	-17.9	3.63 H	313	29.0	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	108.5 PK			2.26 V	260	73.1	35.4
2	*2437.00	95.9 AV			2.26 V	260	60.5	35.4
3	4874.00	48.7 PK	74.0	-25.3	1.83 V	281	41.6	7.1
4	4874.00	35.9 AV	54.0	-18.1	1.83 V	281	28.8	7.1

Remarks:

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

RF Mode	802.11be (EHT20) 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 (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 72% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	116.4 PK			1.51 H	171	80.9	35.5
2	*2462.00	102.4 AV			1.51 H	171	66.9	35.5
3	2483.50	73.3 PK	74.0	-0.7	1.51 H	171	37.9	35.4
4	2483.50	53.5 AV	54.0	-0.5	1.51 H	171	18.1	35.4
5	4924.00	49.2 PK	74.0	-24.8	1.11 H	176	42.1	7.1
6	4924.00	35.8 AV	54.0	-18.2	1.11 H	176	28.7	7.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	110.5 PK			2.26 V	264	75.0	35.5
2	*2462.00	96.5 AV			2.26 V	264	61.0	35.5
3	2483.50	70.1 PK	74.0	-3.9	2.26 V	264	34.7	35.4
4	2483.50	51.0 AV	54.0	-3.0	2.26 V	264	15.6	35.4
5	4924.00	48.9 PK	74.0	-25.1	3.56 V	164	41.8	7.1
6	4924.00	35.6 AV	54.0	-18.4	3.56 V	164	28.5	7.1

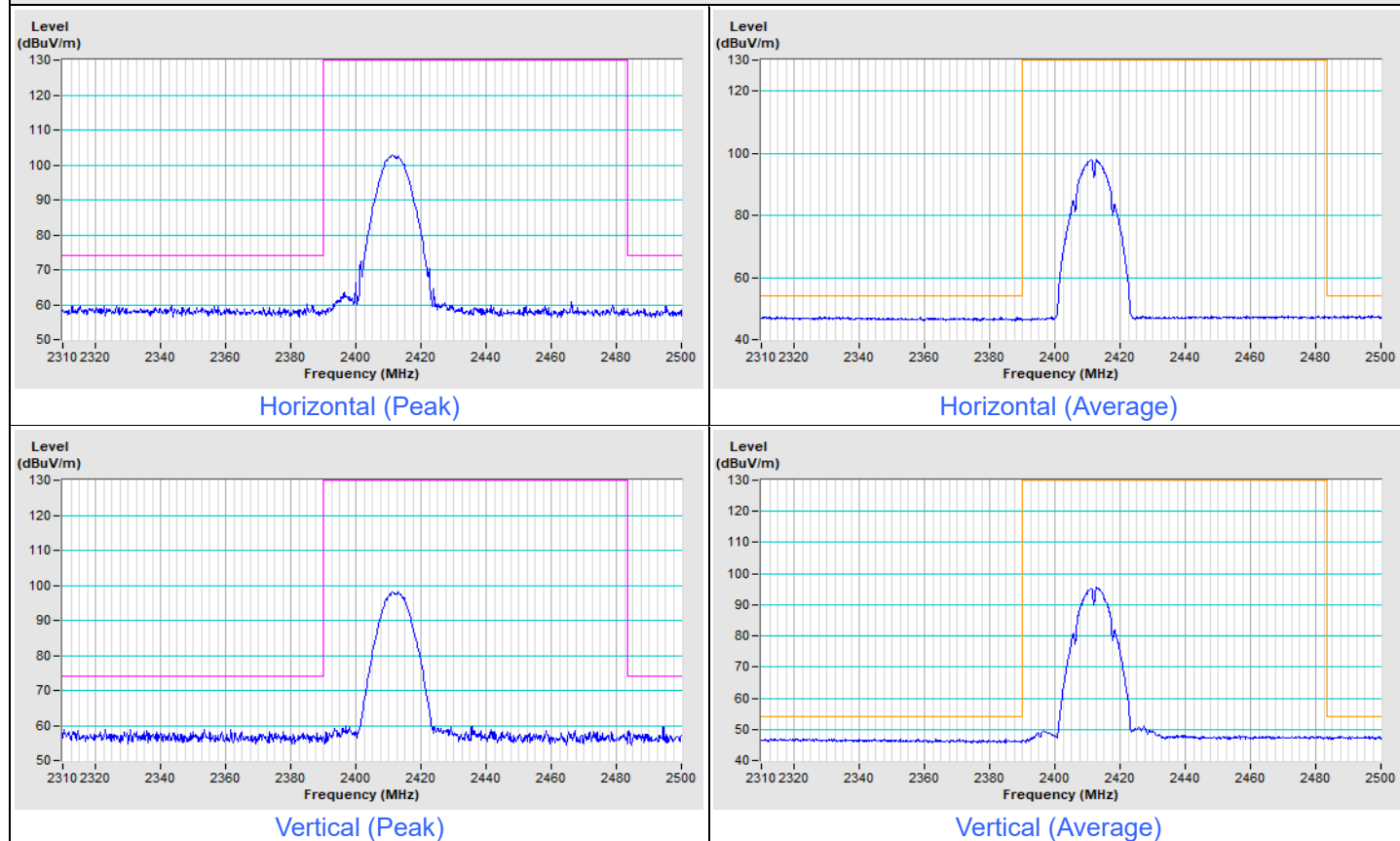
Remarks:

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

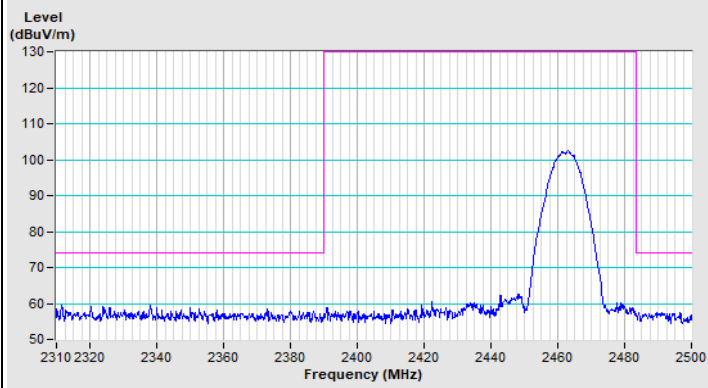
Plot of Band Edge

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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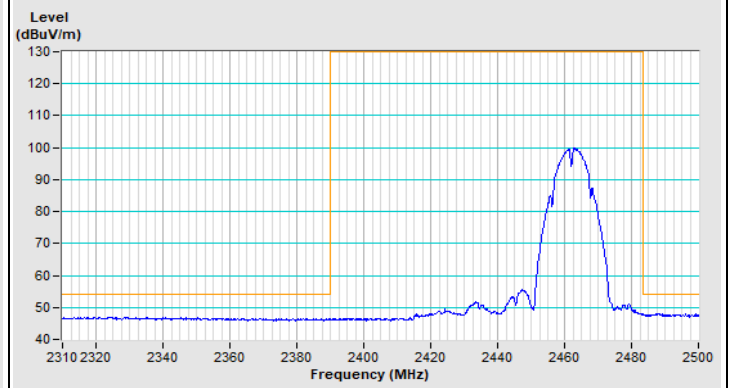
802.11b Channel 1



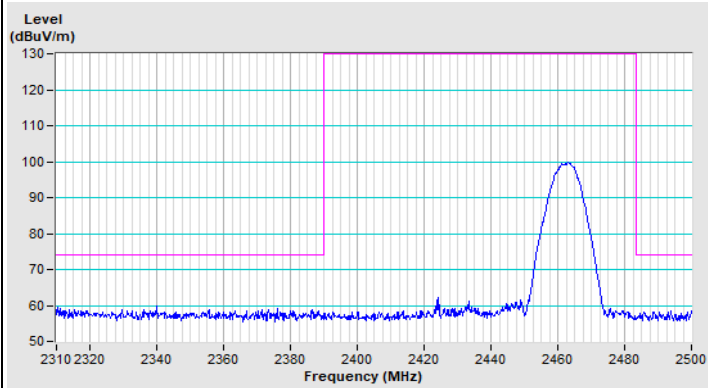
802.11b Channel 11



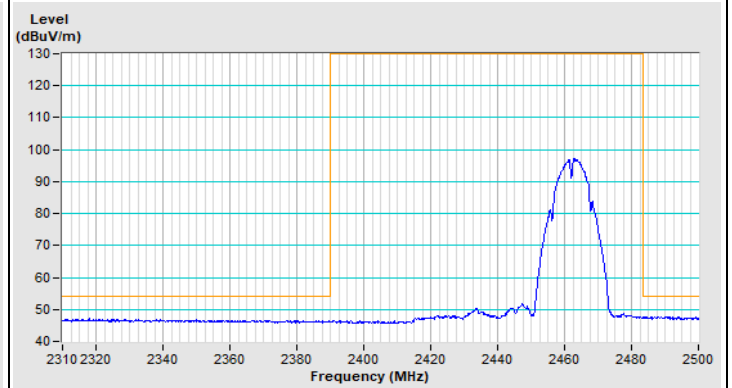
Horizontal (Peak)



Horizontal (Average)



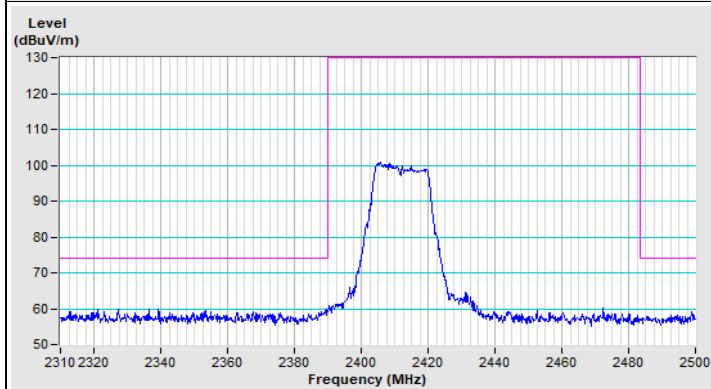
Vertical (Peak)



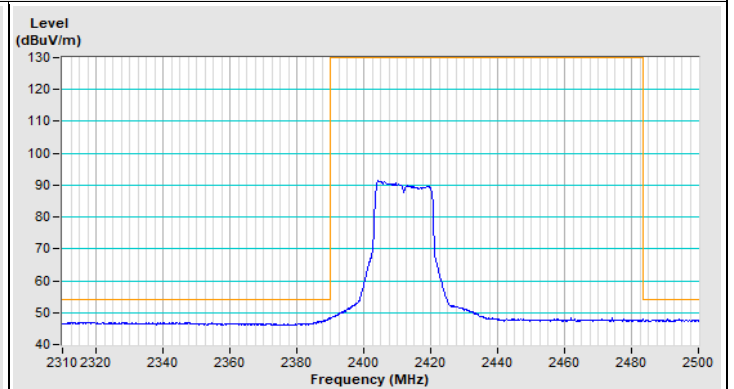
Vertical (Average)

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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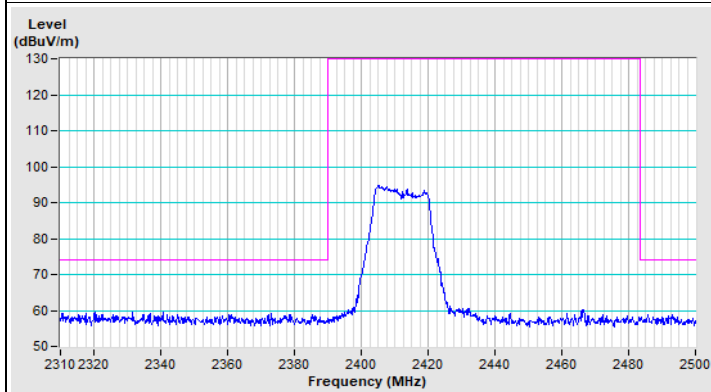
802.11g Channel 1



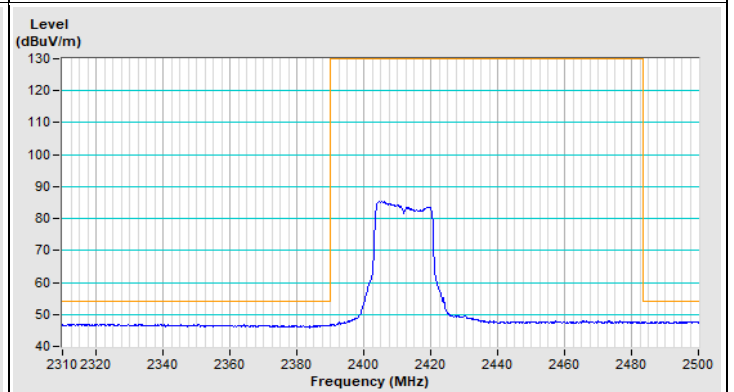
Horizontal (Peak)



Horizontal (Average)

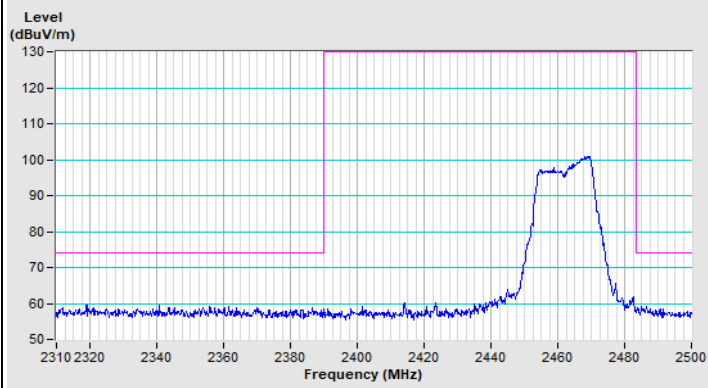


Vertical (Peak)

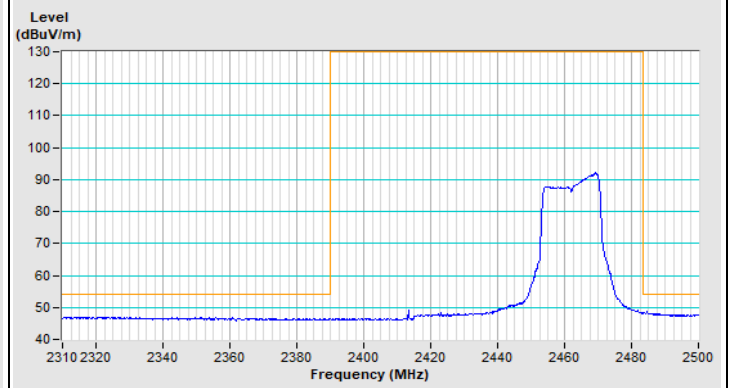


Vertical (Average)

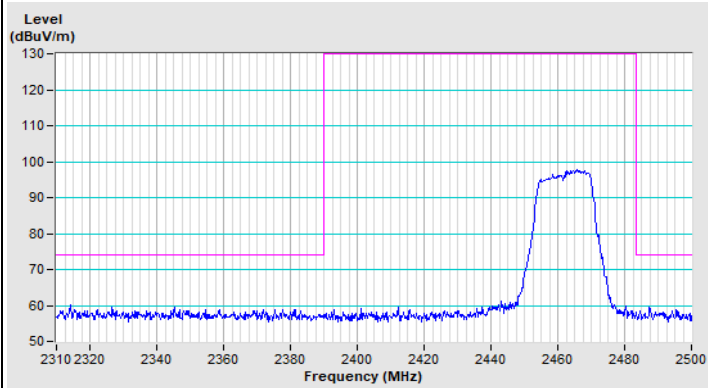
802.11g Channel 11



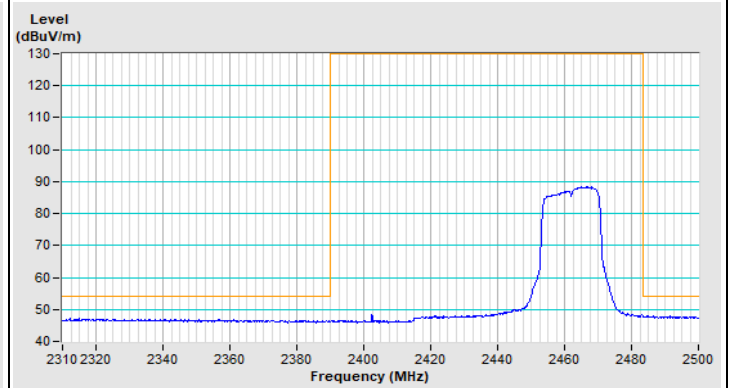
Horizontal (Peak)



Horizontal (Average)



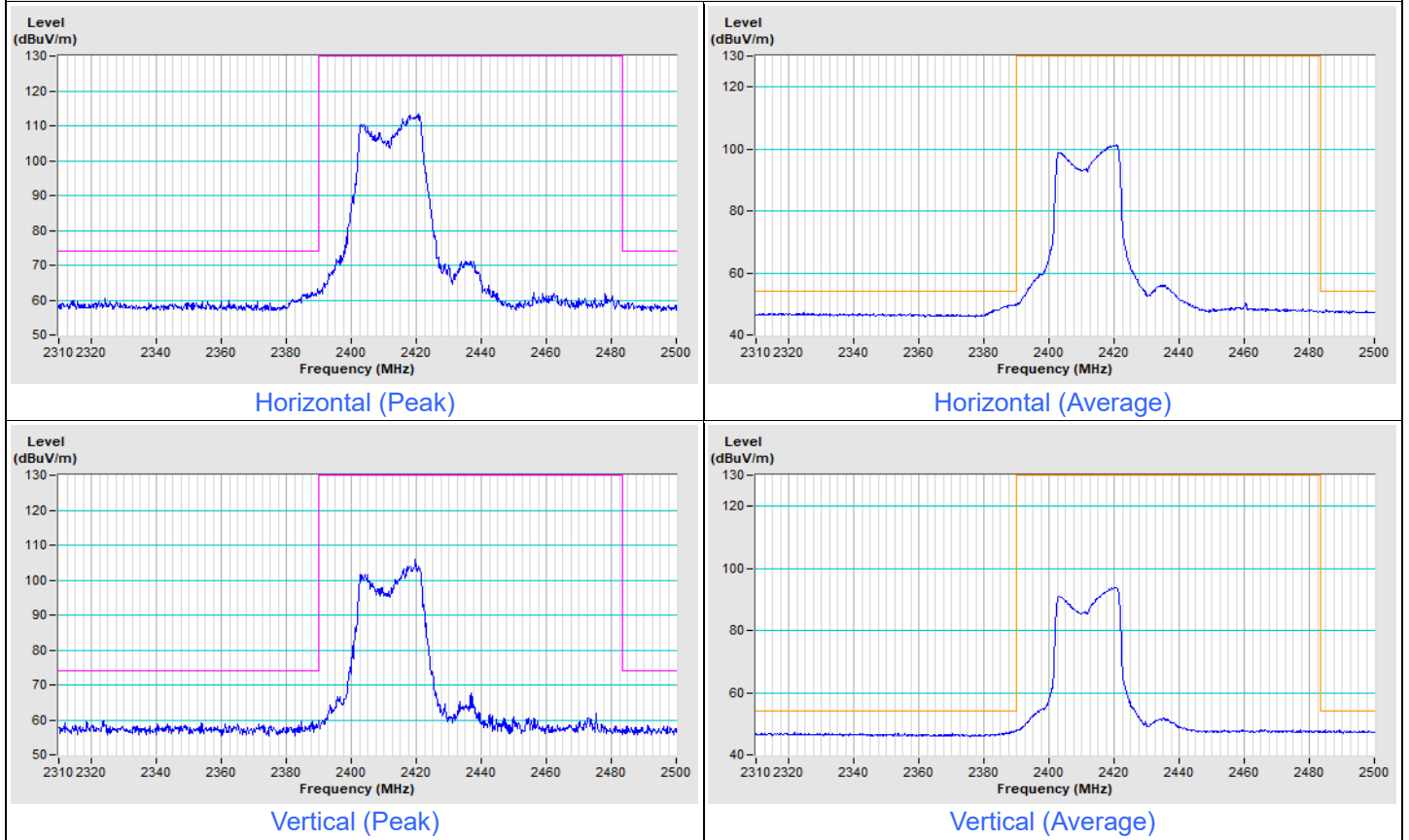
Vertical (Peak)



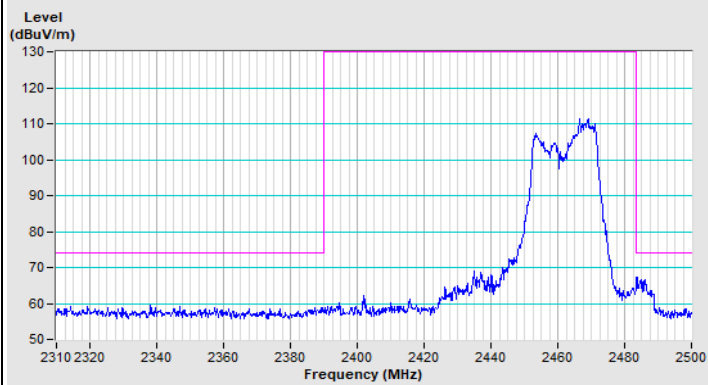
Vertical (Average)

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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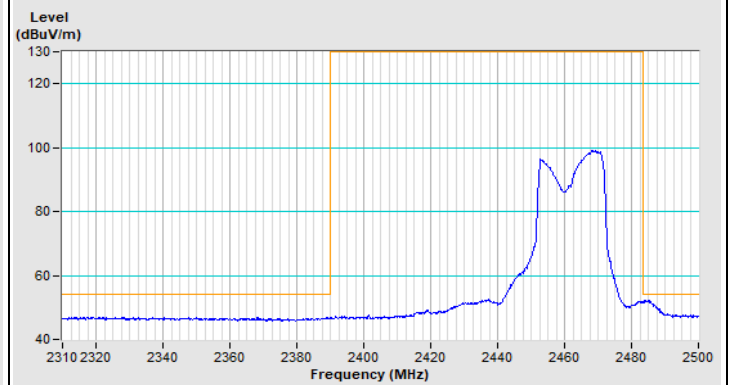
802.11be (EHT20) Channel 1



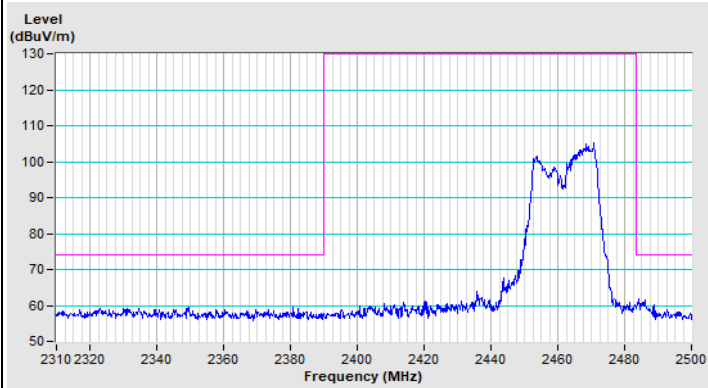
802.11be (EHT20) Channel 11



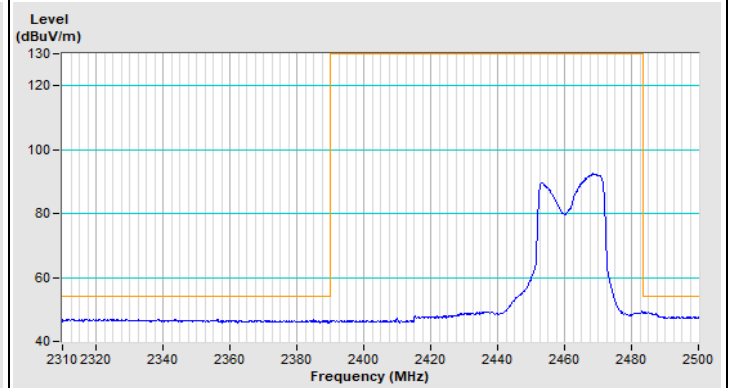
Horizontal (Peak)



Horizontal (Average)



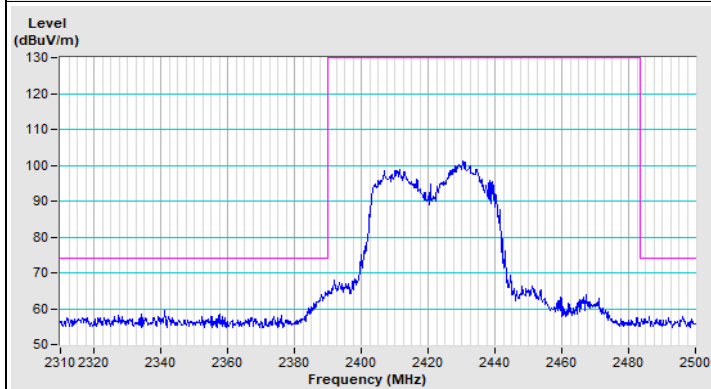
Vertical (Peak)



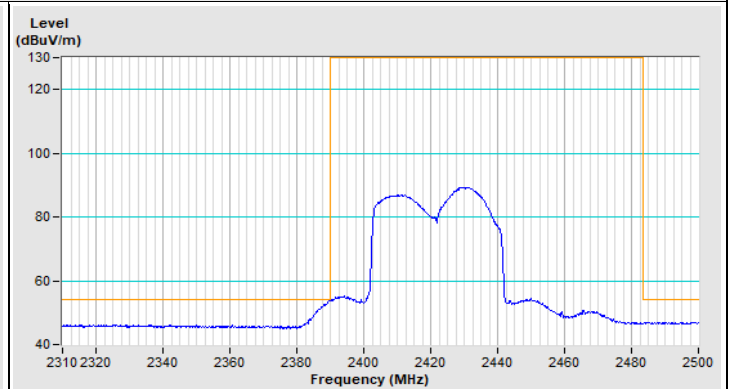
Vertical (Average)

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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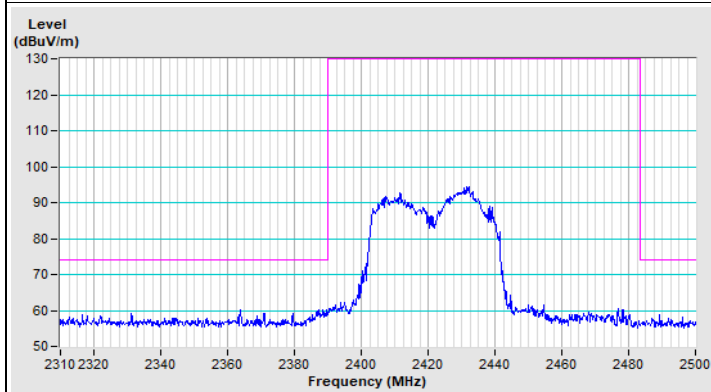
802.11be (EHT40) Channel 3



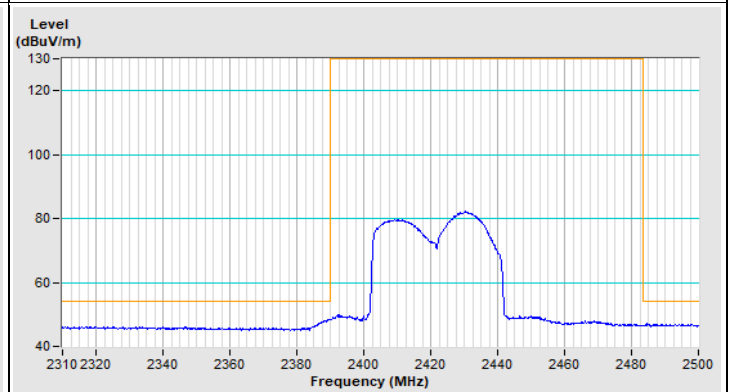
Horizontal (Peak)



Horizontal (Average)

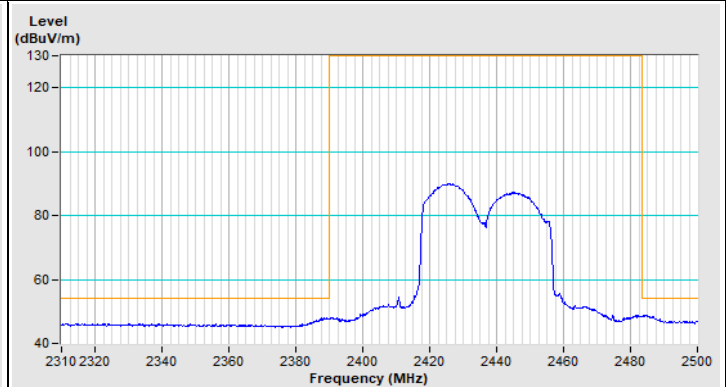
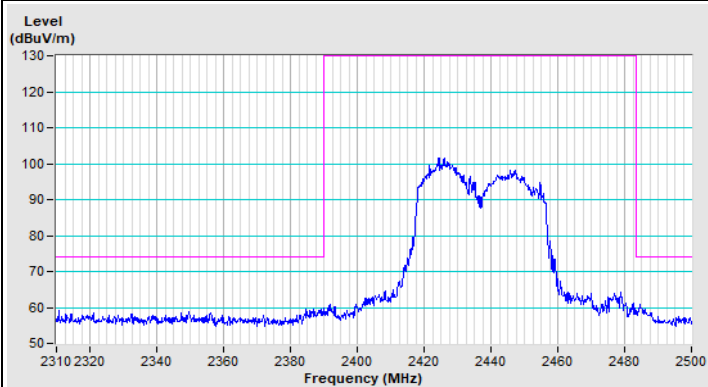
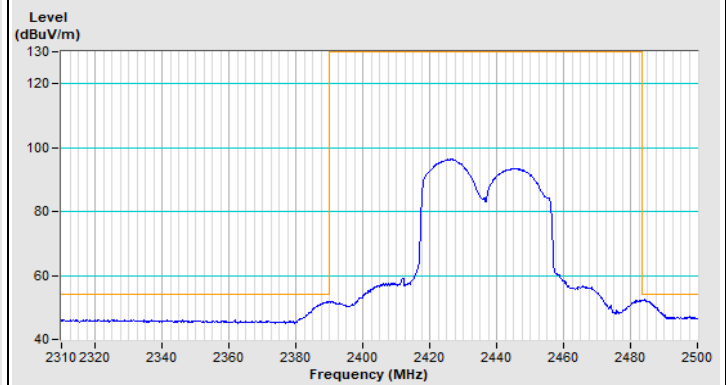
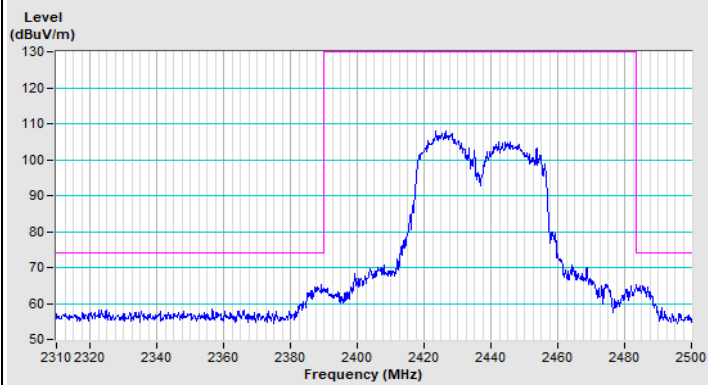


Vertical (Peak)

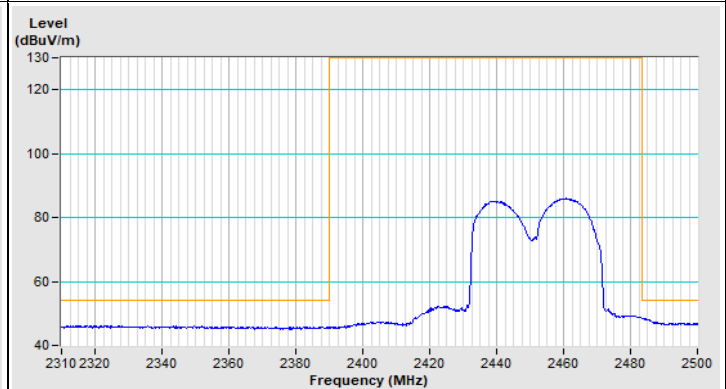
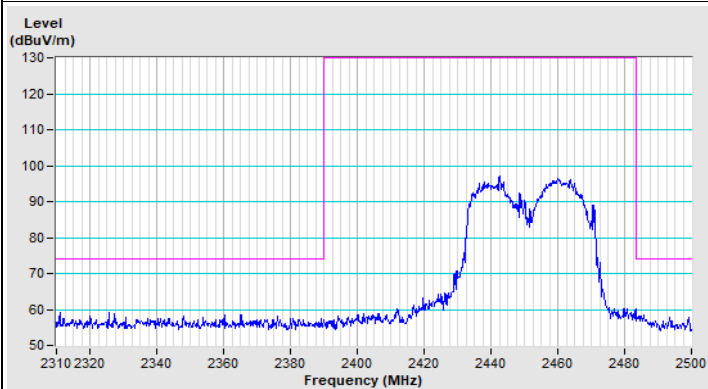
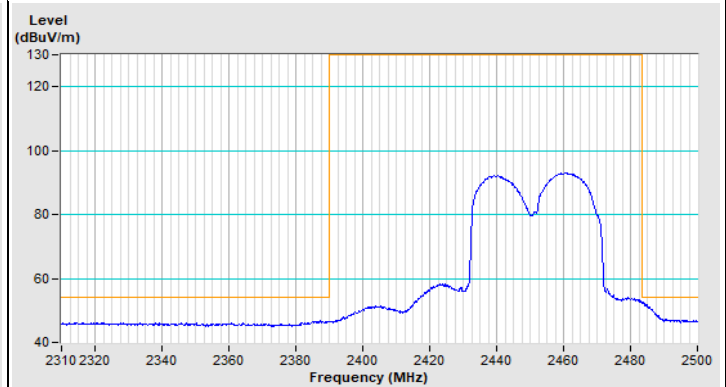
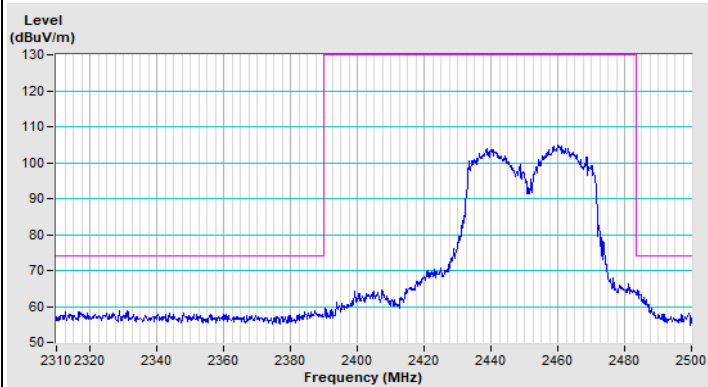


Vertical (Average)

802.11be (EHT40) Channel 6

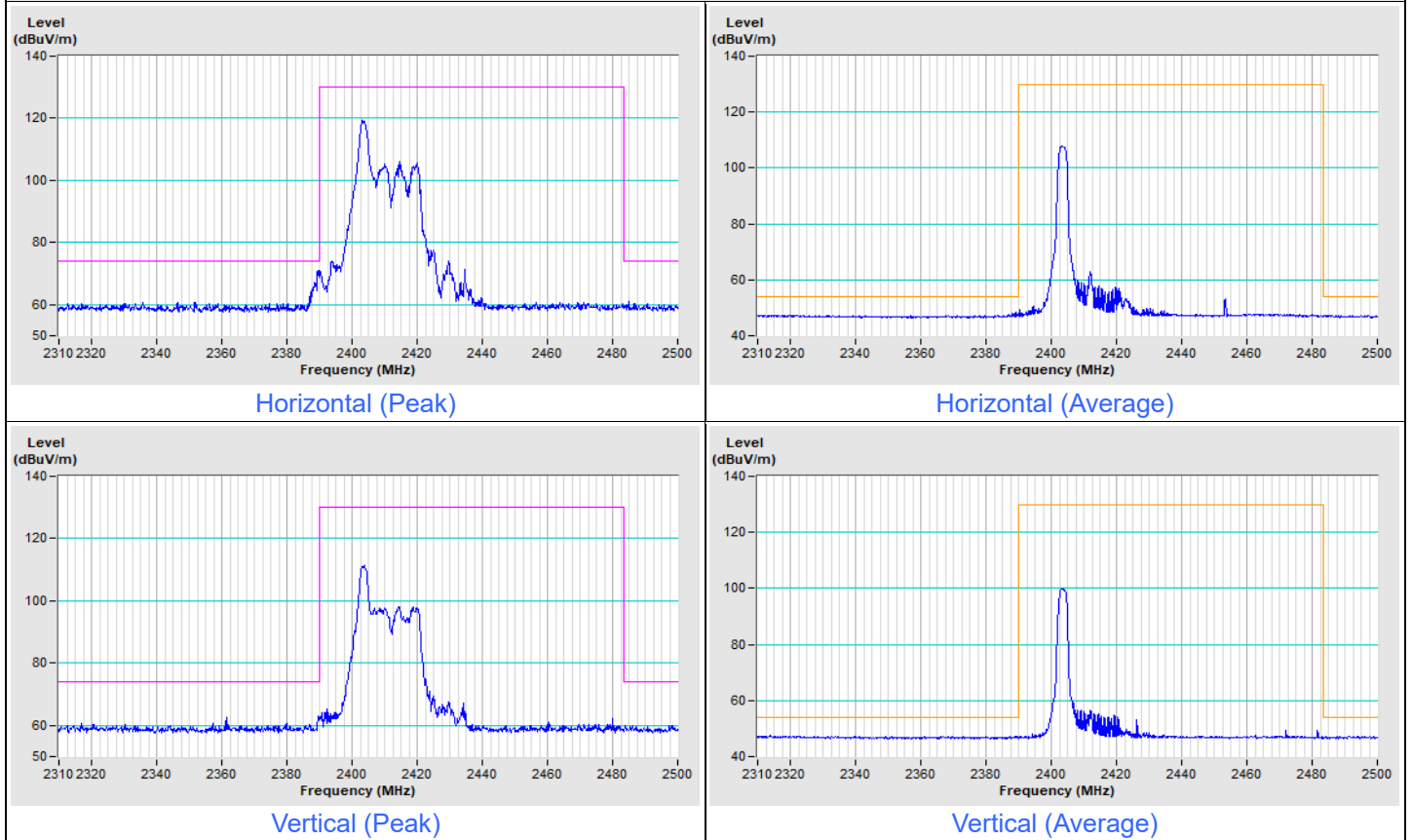


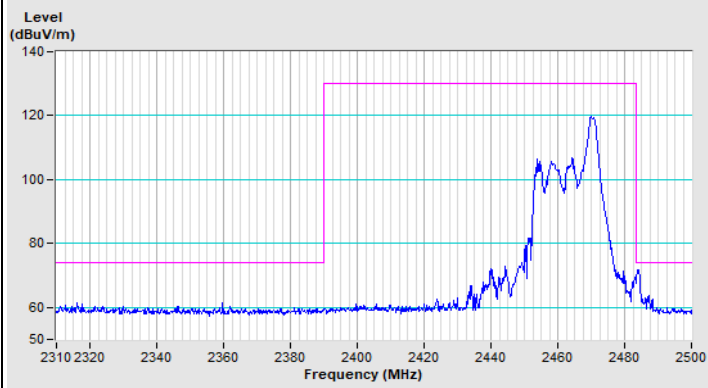
802.11be (EHT40) Channel 9



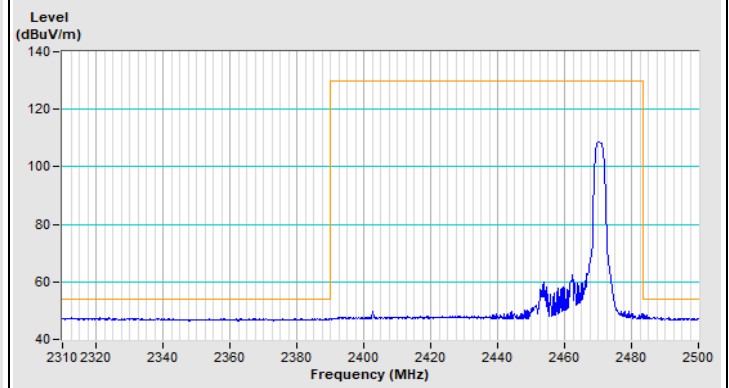
Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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802.11be (EHT20) 26-tone RU Channel 1

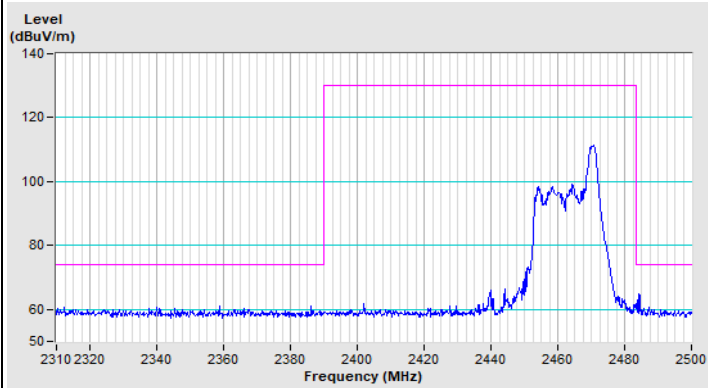


802.11be (EHT20) 26-tone RU Channel 11

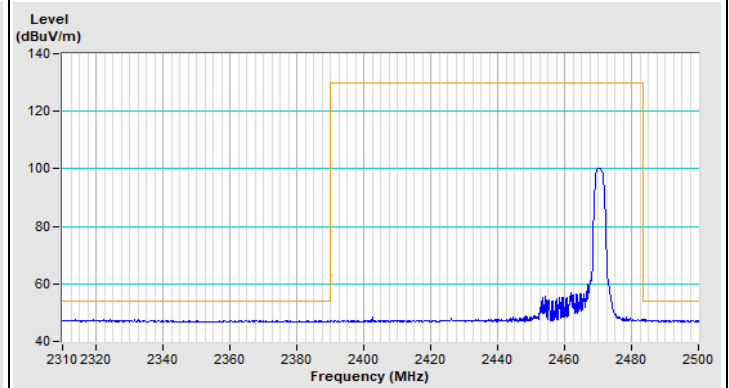
Horizontal (Peak)



Horizontal (Average)



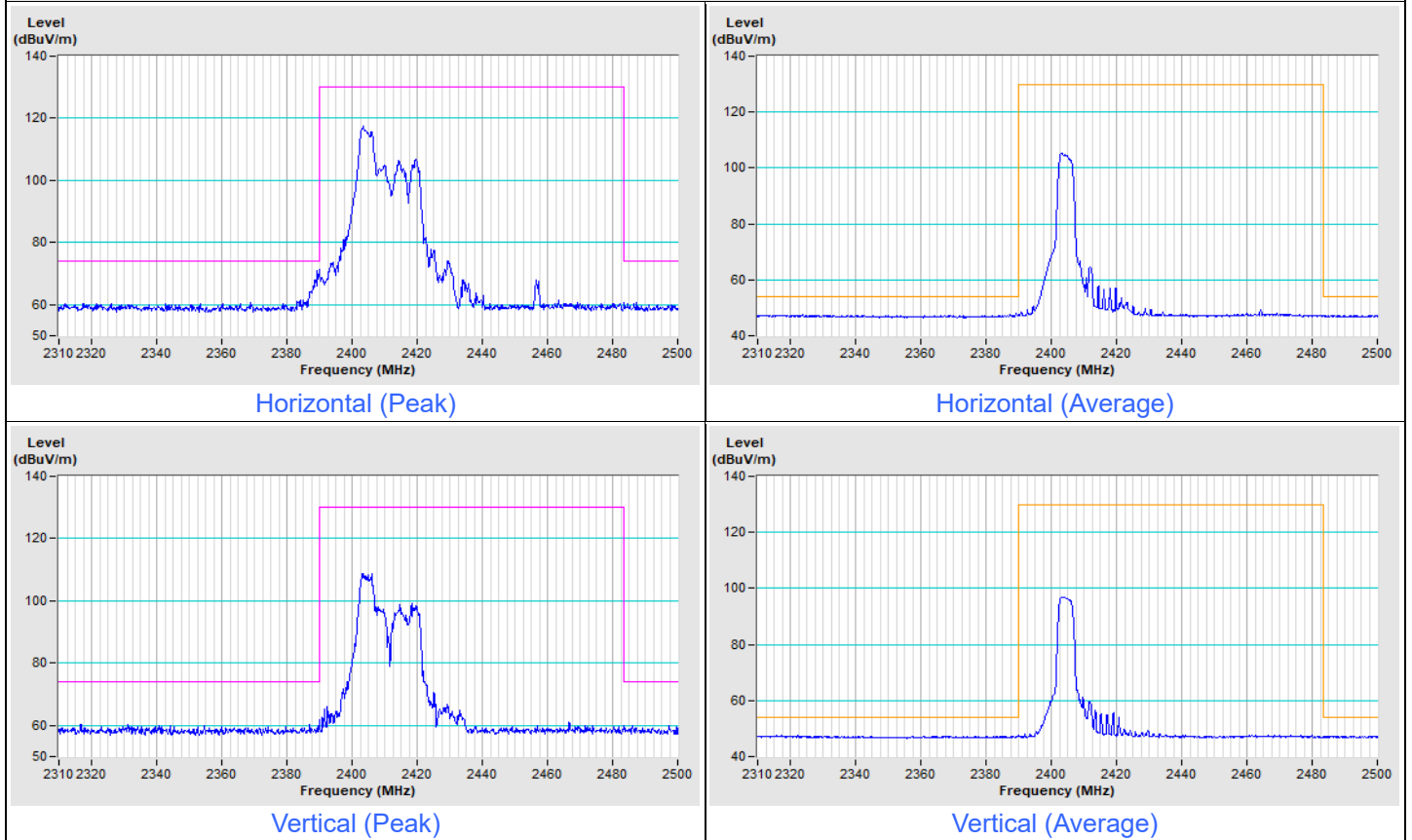
Vertical (Peak)

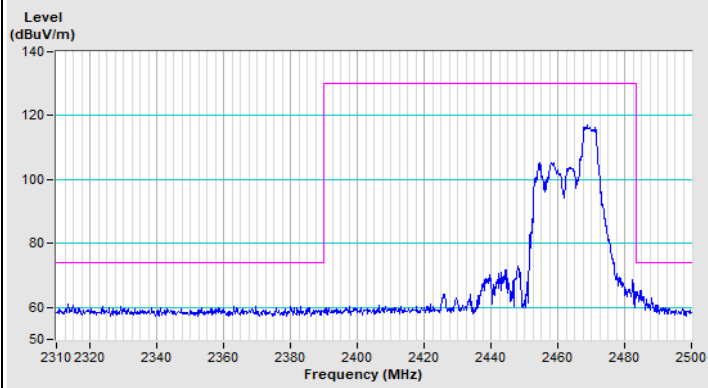


Vertical (Average)

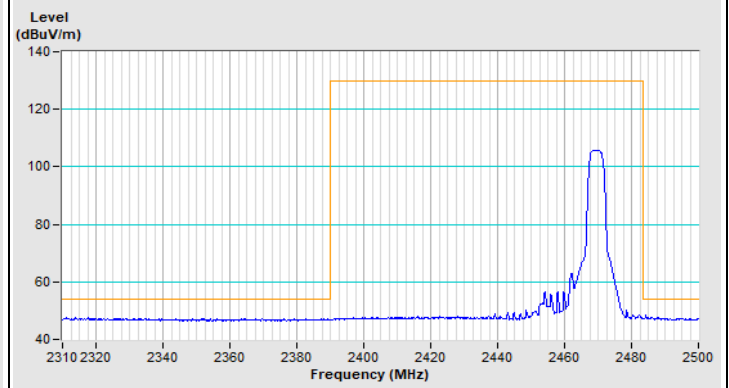
Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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802.11be (EHT20) 52-tone RU Channel 1

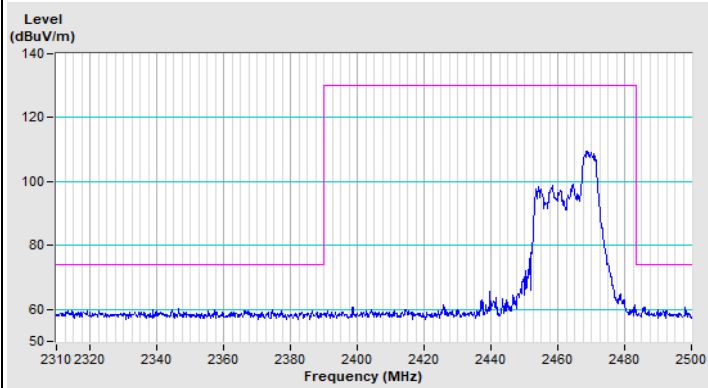


802.11be (EHT20) 52-tone RU Channel 11

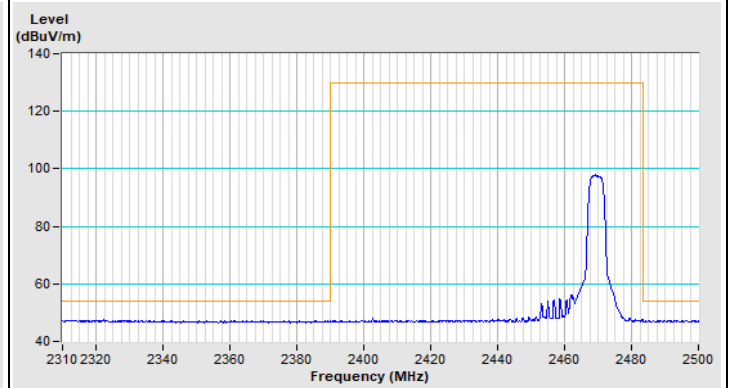
Horizontal (Peak)



Horizontal (Average)



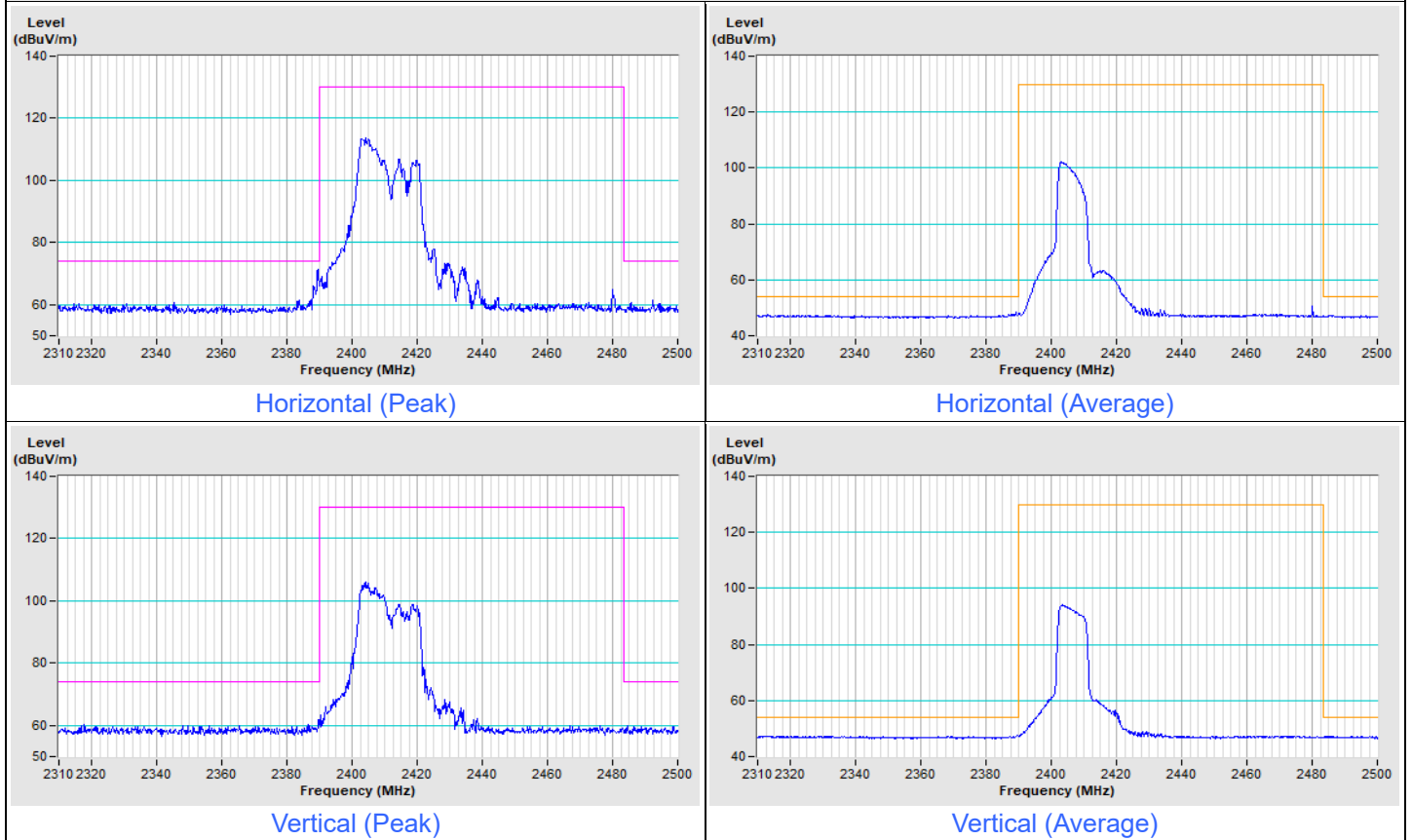
Vertical (Peak)

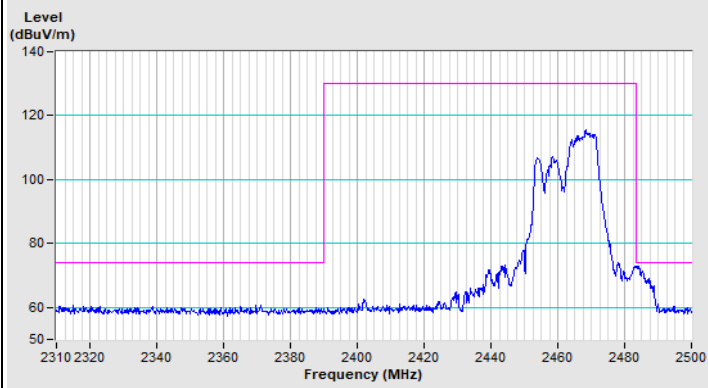


Vertical (Average)

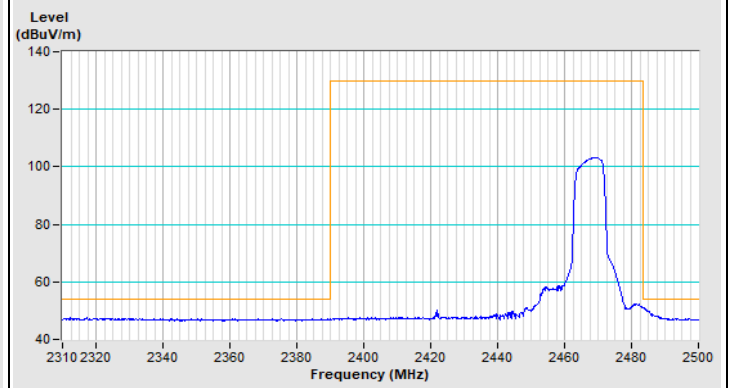
Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
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802.11be (EHT20) 106-tone RU Channel 1

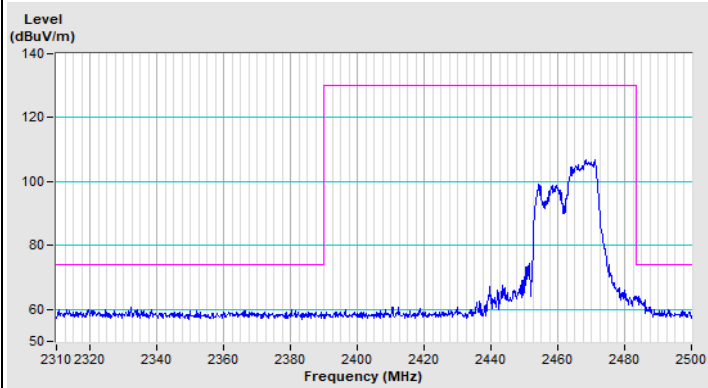


802.11be (EHT20) 106-tone RU Channel 11

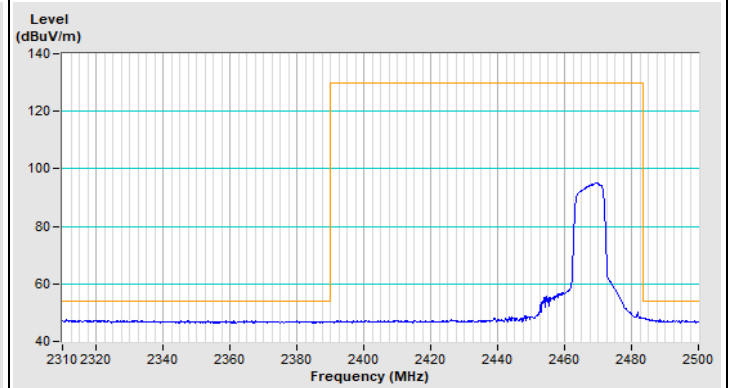
Horizontal (Peak)



Horizontal (Average)



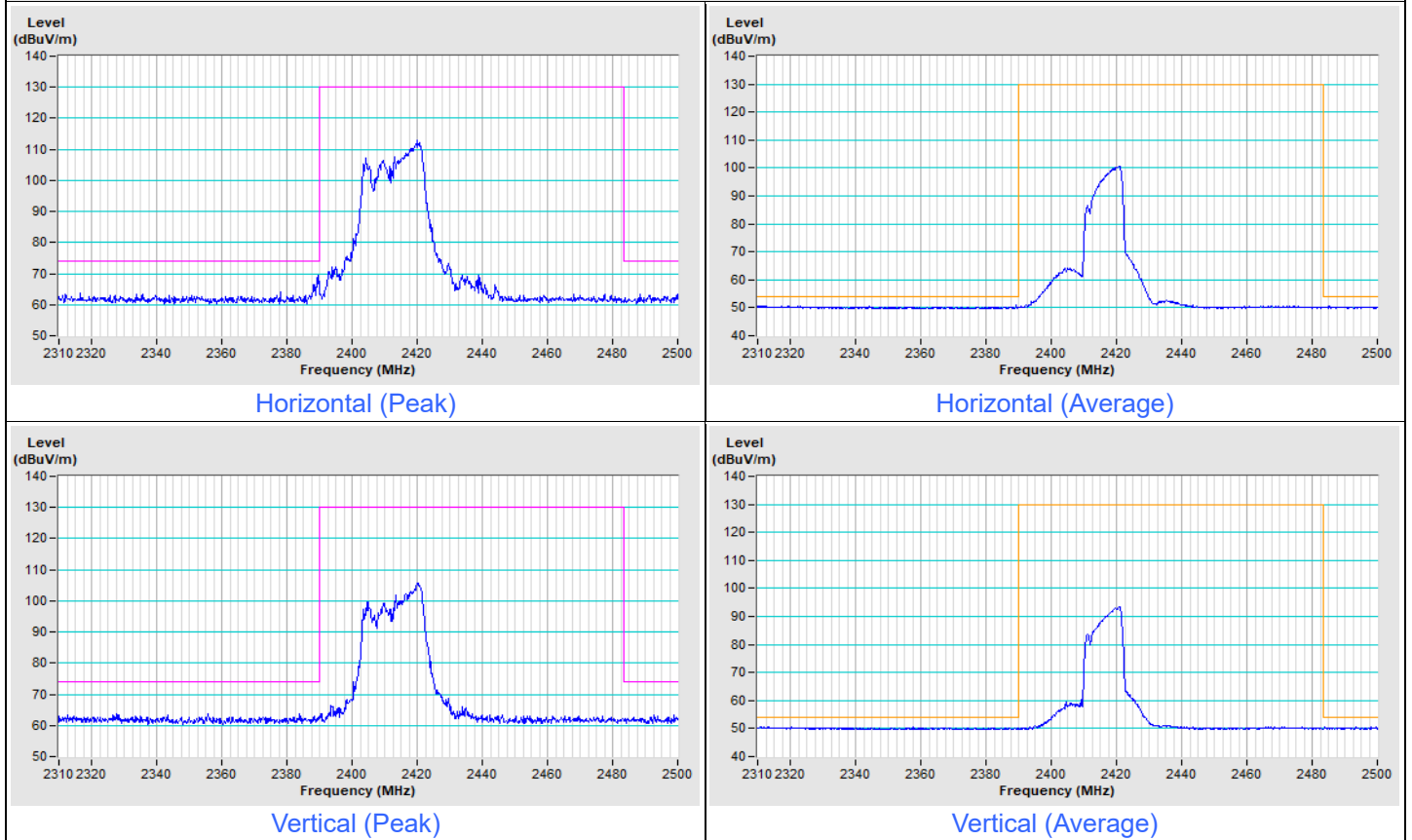
Vertical (Peak)



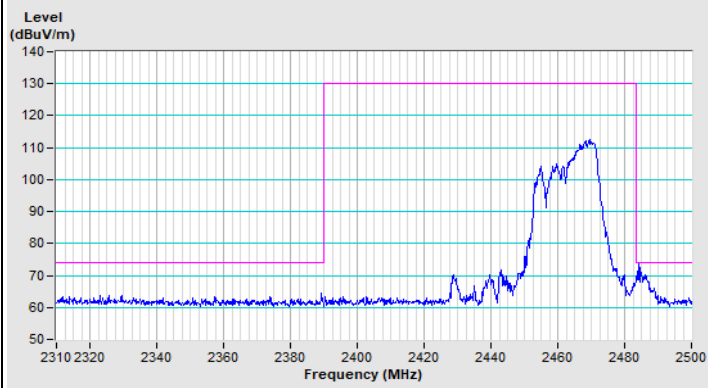
Vertical (Average)

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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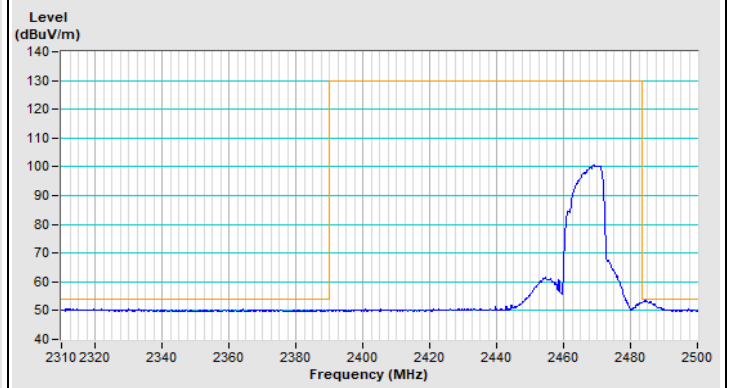
802.11be (EHT20) 52+26-tone MRU Channel 1



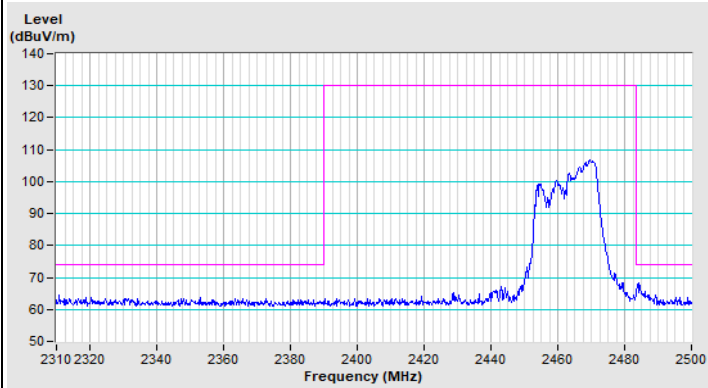
802.11be (EHT20) 52+26-tone MRU Channel 11



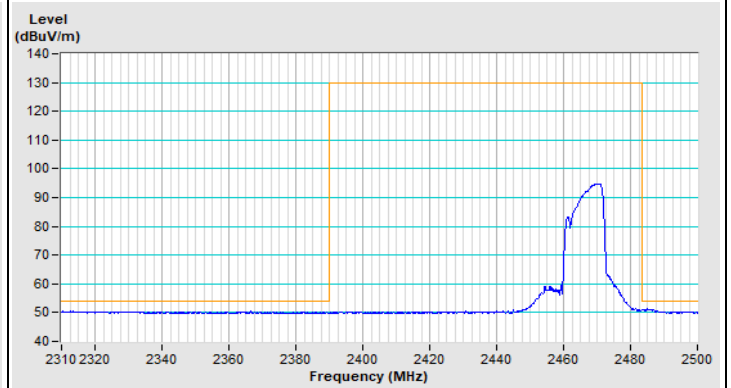
Horizontal (Peak)



Horizontal (Average)



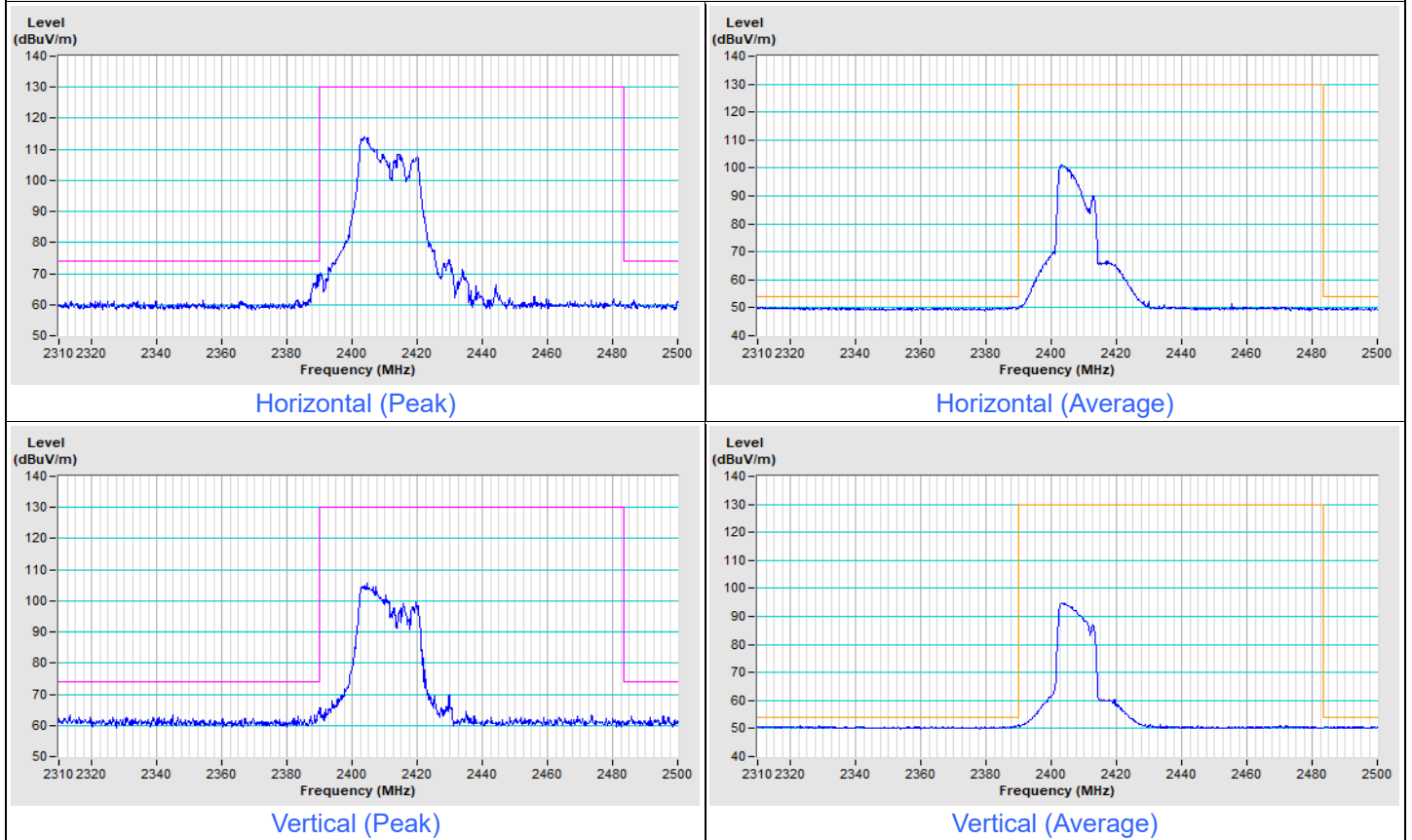
Vertical (Peak)



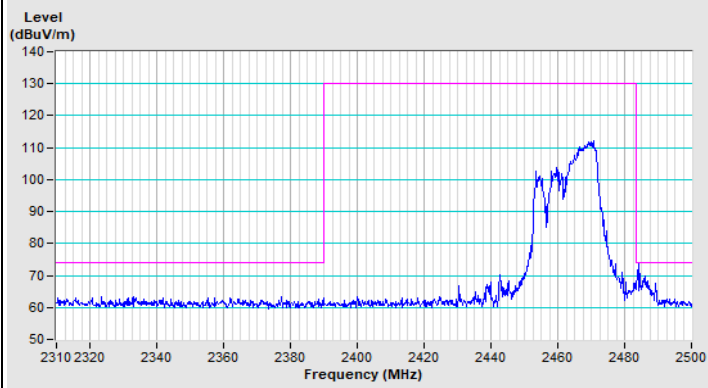
Vertical (Average)

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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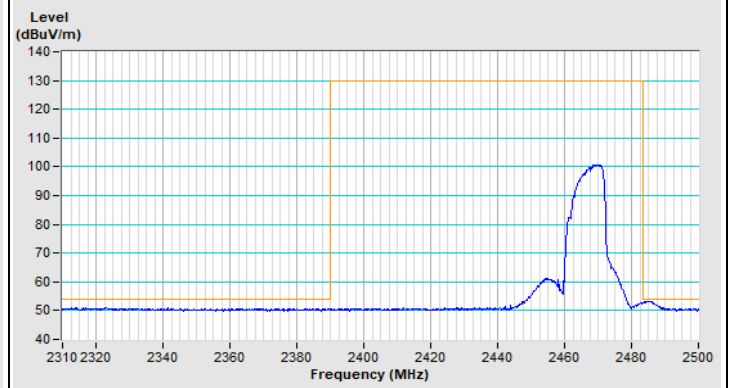
802.11be (EHT20) 106+26-tone MRU Channel 1



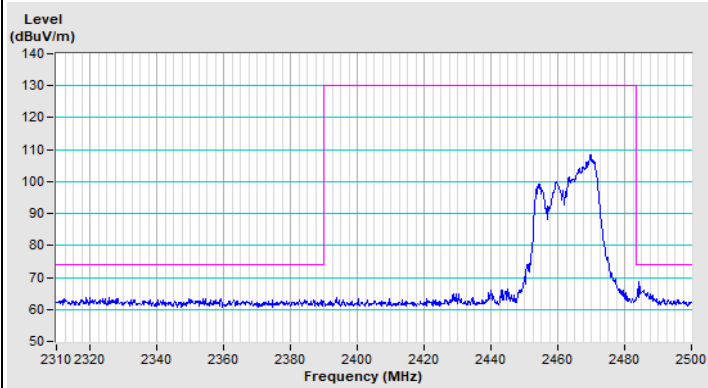
802.11be (EHT20) 106+26-tone MRU Channel 11



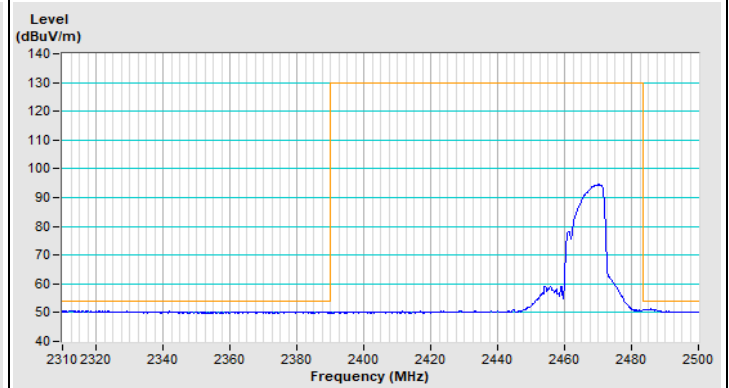
Horizontal (Peak)



Horizontal (Average)



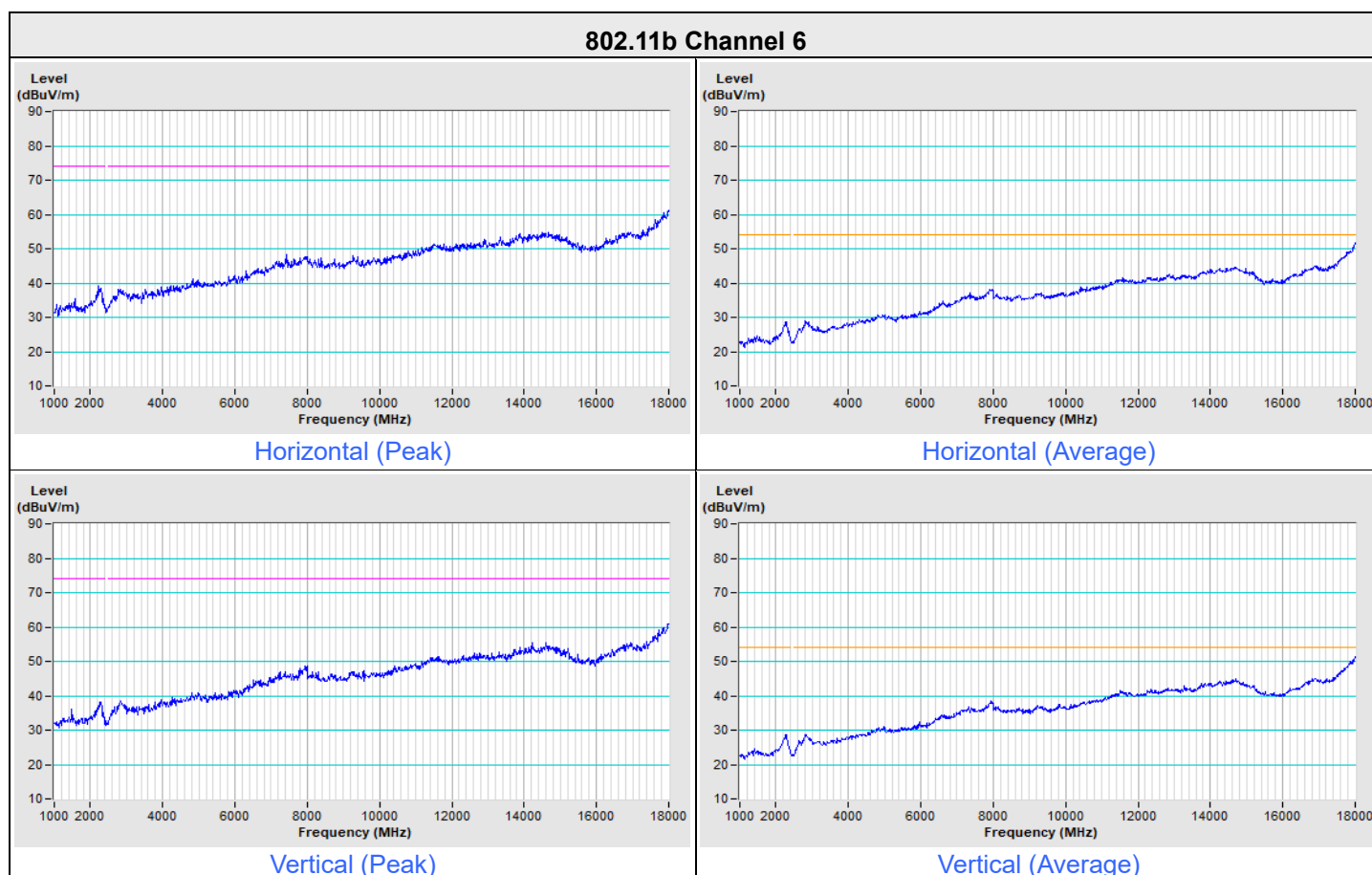
Vertical (Peak)



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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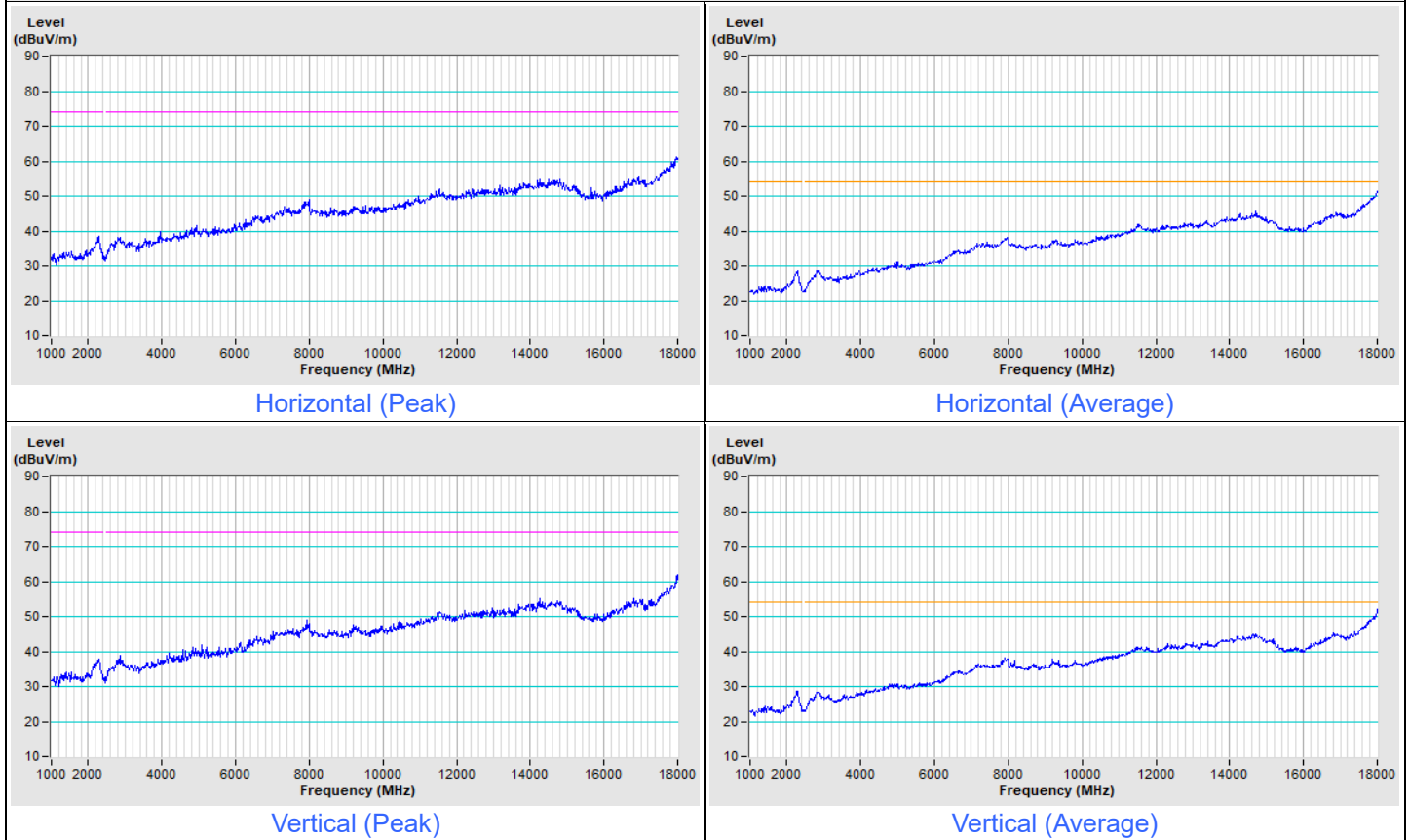


Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 25 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

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

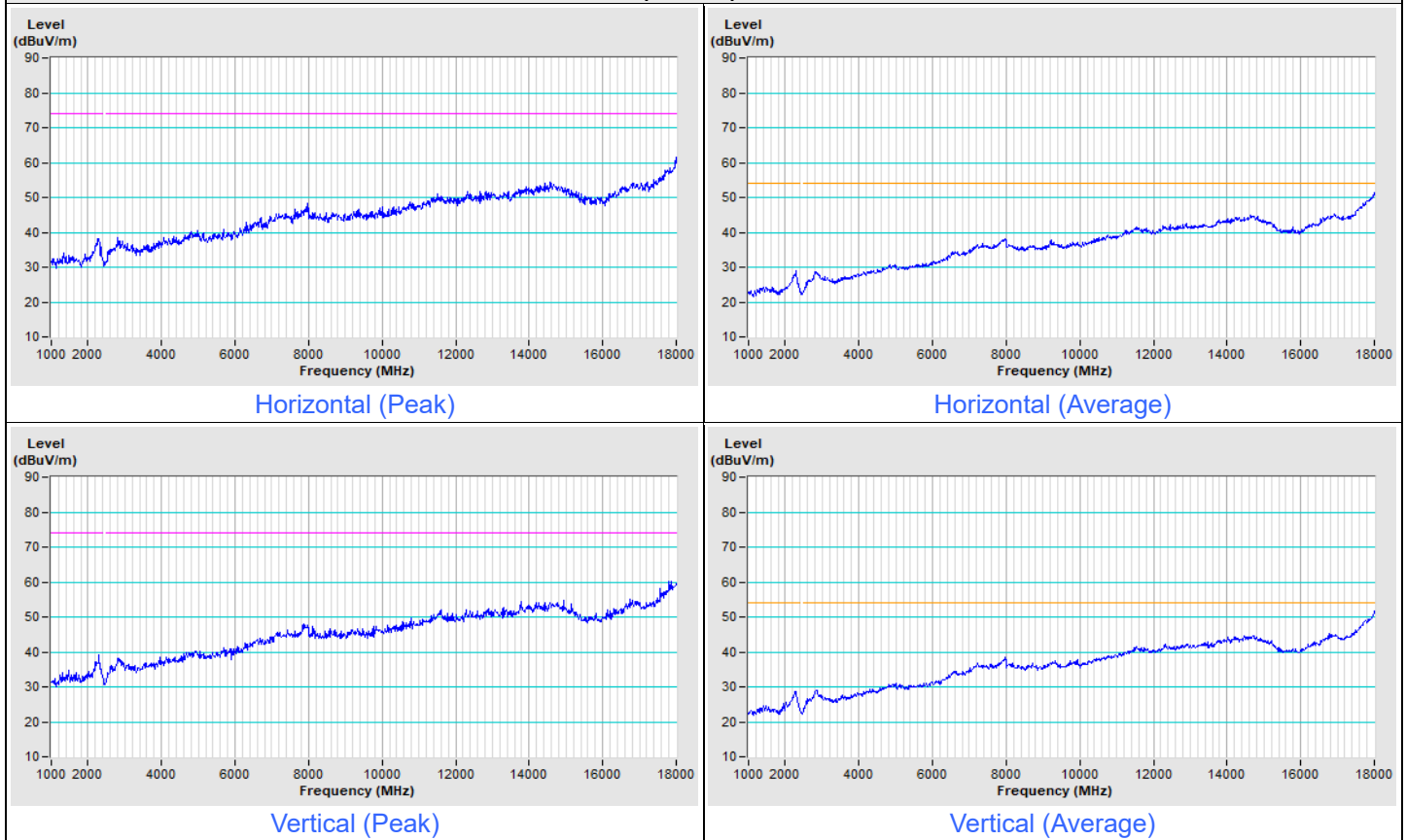


Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 25 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

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

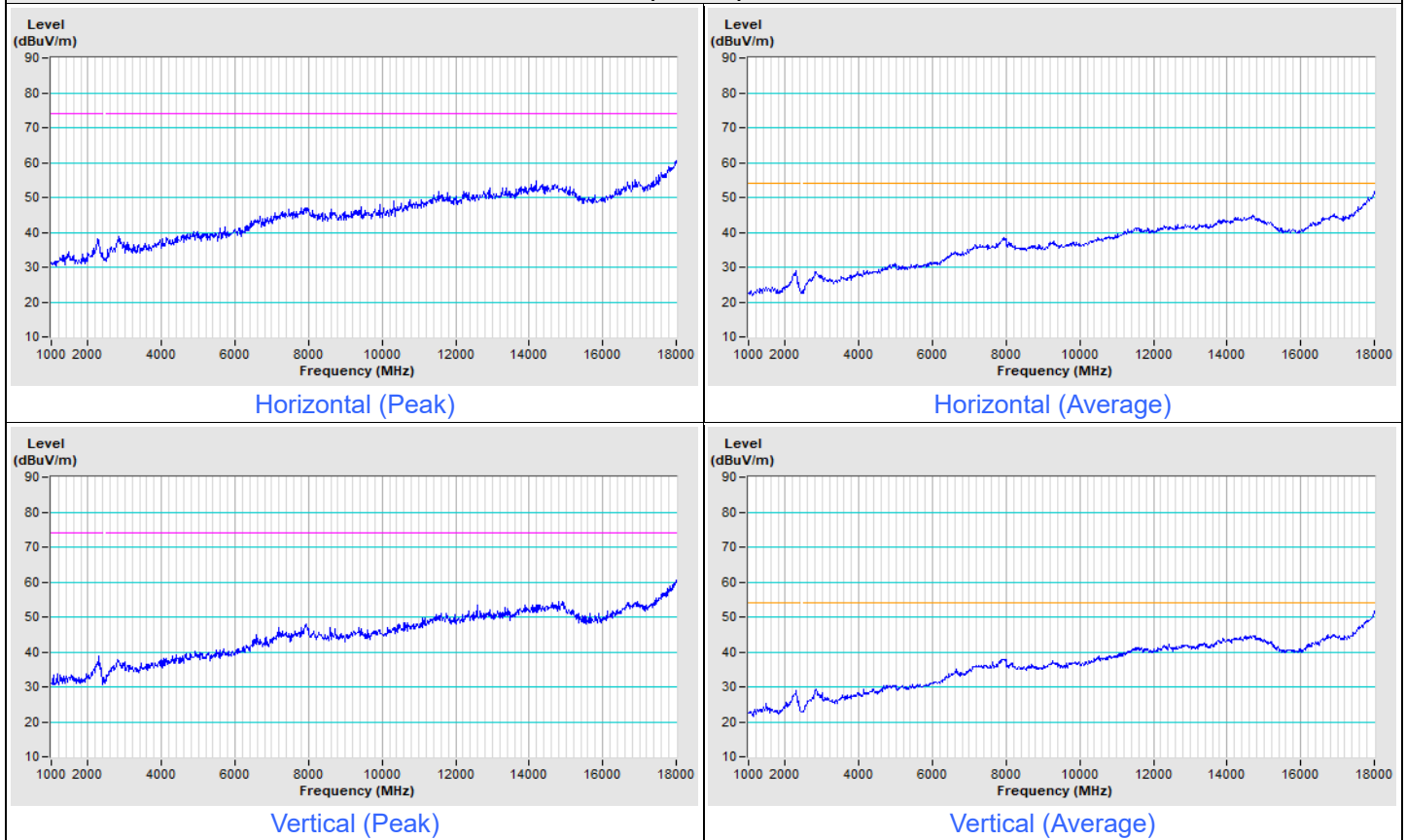


Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 25 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

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



Notes:

1. For radiated emission test data, complete spectral plots shall be presented in the report only for the worst-case scenarios of each mode within each operating frequency band.
2. The frequency range 18 GHz ~ 25 GHz: After investigation, no any emissions were found to exist, therefore they are not recorded in this report.

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

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

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Email: service.adt@bureauveritas.com

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

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

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