

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)
Report No.: RFBENL-WTW-P24060724B-1
FCC ID: RYK-WNFQ291BEBT
Product: WiFi 7/BT module
Brand: Sparklan
Model No.: WNFQ-292BE(BT)
Series Model: WNFQ-291BE(BT), WNFQ-291BEI(BT)
Received Date: 2025/3/5
Test Date: 2025/5/5 ~ 2025/8/25
Issued Date: 2025/9/17

Applicant: SparkLAN Communications, Inc.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration / 723255 / TW2022

Designation Number:

Approved by: _____, **Date:** 2025/9/17
May Chen / Manager

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Prepared by : Phoenix Huang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBENL-WTW-P24060724B-1	Original release.	2025/9/17

1 Certificate

Product: WiFi 7/BT module

Brand: Sparklan

Test Model: WNFQ-292BE(BT)

Series Model: WNFQ-291BE(BT), WNFQ-291BEI(BT)

Sample Status: Engineering sample

Applicant: SparkLAN Communications, Inc.

Test Date: 2025/5/5 ~ 2025/8/25

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

Measurement procedure: ANSI C63.10-2020
KDB 789033 D02 General UNII Test Procedure New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

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

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(2)	26 dB Bandwidth	N/A	Refer to Note 1 below
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	Power Spectral Density	N/A	Refer to Note 1 below
15.407(e)	6 dB Bandwidth	N/A	Refer to Note 1 below
---	Occupied Bandwidth	N/A	Refer to Note 1 below
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -13.88 dB at 22.09766 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -4.0 dB at 32.50 MHz
15.407(b) (1/10) 15.407(b) (2/10) 15.407(b) (3/10) 15.407(b) (4(i)/10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.53 dB at 5725.02 MHz
15.203	Antenna Requirement	Pass	Antenna connector is MHF 4L, I-PEX MHF4, RP-SMA (M), MHF4L to SMA-F not a standard connector.

Notes:

- Only RF Output Power, AC Power Conducted Emissions and Unwanted Emissions test items were performed for this addendum. The others testing data refer to original test report (Report No.: RFBENL-WTW-P24060724-1).
- 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	-	1.1 dB
AC Power Conducted Emissions	150 kHz ~ 30 MHz	1.9 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.4 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.1 dB
	18 GHz ~ 40 GHz	5.3 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description of EUT

Product	WiFi 7/BT module
Brand	Sparklan
Test Model	WNFQ-292BE(BT)
Series Model	WNFQ-291BE(BT), WNFQ-291BEI(BT)
Status of EUT	Engineering sample
Power Supply Rating	3.3 Vdc from host equipment
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDM in 11ac mode 4096QAM for OFDMA in 11ax mode 4096QAM for OFDMA in 11be mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 2166.7 Mbps 802.11ax: up to 2969.7 Mbps 802.11be: up to 2882.4 Mbps
Operating Frequency	5.18 GHz ~ 5.25 GHz 5.25 GHz ~ 5.32 GHz 5.5 GHz ~ 5.72 GHz 5.745 GHz ~ 5.825 GHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20), 802.11be (EHT20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40), 802.11be (EHT40): 12 802.11ac (VHT80), 802.11ax (HE80), 802.11be (EHT80): 6 802.11ac (VHT160), 802.11ax (HE160), 802.11be (EHT160): 2
Resource Unit (RU)	Single RU: 26-tone, 52-tone, 106-tone, 242-tone, 484-tone, 996-tone, 2 * 996-tone Multi-RU (Small RU): 52-tone + 26-tone, 106-tone + 26-tone Multi-RU (Large RU): 484-tone + 242-tone, 996-tone + 484-tone
Channel Puncturing (Large RU)	80 MHz punctured by 20 MHz, 160 MHz punctured by 20 MHz 160 MHz punctured by 40 MHz
Output Power	5.18 GHz ~ 5.25 GHz: 82.377 mW (19.16 dBm) 5.25 GHz ~ 5.32 GHz: 83.53 mW (19.22 dBm) 5.5 GHz ~ 5.72 GHz: 83.989 mW (19.24 dBm) 5.745 GHz ~ 5.825 GHz: 83.6 mW (19.22 dBm)
EUT Category	Client device

Note:

1. This report is prepared for FCC class II permissive change. The difference compared with the Report No.: RFBENL-WTW-P24060724-1 as the following:
 - ◆ Add model: WNFQ-292BE(BT)
 - ◆ Add 2nd source pin to pin chip: QCC2076 for model WNFQ-292BE(BT).
 - ◆ Disable WiFi-7 bandwidth 320 MHz for model WNFQ-292BE(BT).
 - ◆ Upgraded ANSI C63.10 standard version.
 - ◆ Remove NPTH for WNFQ-292BE(BT).
2. According to above conditions, there are RF Output Power, AC Power Conducted Emissions and Unwanted Emissions test items need to be performed. All data for meeting the requirement is verified.
3. All models are listed as below.

Brand	Model	Difference
Sparklan	WNFQ-291BE(BT)	All models are electrically identical, different model names are for marketing purpose.
	WNFQ-291BE(BT)	
	WNFQ-292BE(BT)	1. Chip QCC2076 2. Disable WiFi-7 bandwidth 320 MHz

From the above models, model: WNFQ-292BE(BT) was selected as representative model for the test and its data was recorded in this report.

4. There are Bluetooth (EDR, BLE, QHS) and WLAN (2.4 GHz & 5 GHz & 5.9 GHz & 6 GHz) technology used for the EUT.
5. Simultaneously transmission combination.

DBS			
Combination	Technology		
1	WLAN(2.4GHz)_Ant 0+1	WLAN(5GHz) _Ant 0+1	
2	WLAN(2.4GHz) _Ant 0+1	WLAN(6GHz) _Ant 0+1	
HBS+BT			
Combination	Technology		
3	Bluetooth_Ant 0+1	WLAN(5GHz) _Ant 0+1	
4	Bluetooth_Ant 0+1	WLAN(6GHz) _Ant 0+1	
5	WLAN(5GHz_U-NII-1, U-NII-2A) Ant 0+1	WLAN(5GHz_U-NII-2C, U-NII-3, U-NII-4) _Ant 0+1	Bluetooth
6	WLAN(5GHz_U-NII-1, U-NII-2A) Ant 0+1	WLAN(6GHz) _Ant 0+1	Bluetooth

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

6. The EUT support OFDMA and Partial RU mode, therefore partial RU combination were investigated and the worst case scenario was identified.
7. 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 Set	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
1	Chain0/1	Hong-Bo	260-25094	3.53 3.06 3.07 4.81 4.2	2.4~2.4835 5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.850	0.74 1.16 1.18 1.26 1.28	PIFA	MHF 4L	300
2	Chain0/1	Hong-Bo	260-25083	5.09 5.14 5.09 5.16 5.12	5.850~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	1.29 1.35 1.38 1.45 1.50	PIFA	MHF 4L	300
3	Chain0/1	Hong-Bo	260-25084	3.22 3.35 3.42 4.77 4.72 4.71 4.75 4.29 4.81 4.74	2.4~2.4835 5.150~5.250 5.250~5.350 5.470~5.725 5.725~5.850 5.850~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	0.49 0.76 0.77 0.80 0.84 0.84 0.86 0.91 0.96 0.98	Monopole	MHF 4L	200

Antenna Set	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
4	Chain0/1	SparkLAN	AD-513AX	3.11 4.46 4.07 4.53 4.06 4.04 3.97	2.4~2.4835 5.150~5.850 5.850~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	I-PEX MHF4	150
5	Chain0/1	SparkLAN	AD-510AX	2.27 2.88 2.6 3.23 3.34 3.52 3.52	2.4~2.4835 5.150~5.850 5.850~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	RP-SMA (M)	150
6	Chain0/1	SparkLAN	AD-512AX	2.35 3.00 2.80 2.87 3.02 3.02 2.61	2.4~2.4835 5.150~5.850 5.850~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	RP-SMA (M)	150
7	Chain0/1	SparkLAN	AD-516AX	1.65 4.3 4.38 4.43 4.45 4.46 4.48	2.4~2.4835 5.150~5.850 5.850~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	I-PEX MHF4	250
8	Chain0/1	Johanson	2450AD18A6050	2 1.5 2.7 2.7 2.7 2.7 2.7	2.4~2.4835 5.150~5.850 5.850~5.895 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Chip	MHF4L to SMA-F	-

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

2. The EUT incorporates a MIMO function:

5 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11a	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
802.11ac (VHT20)	2TX	2RX
802.11ac (VHT40)	2TX	2RX
802.11ac (VHT80)	2TX	2RX
802.11ac (VHT160)	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11be (EHT20)	2TX	2RX
802.11be (EHT40)	2TX	2RX
802.11be (EHT80)	2TX	2RX
802.11be (EHT160)	2TX	2RX
802.11ax (RU26/52/106/242/484/996/2*996)	2TX	2RX
802.11be (RU26/52/106/242/484/996/2*996 MRU52+26/106+26/ 484+242/996+484/996+484+242)	2TX	2RX

Note: The modulation and bandwidth are similar for 802.11n mode for 20 MHz (40 MHz), 802.11ac mode for 20 MHz (40 MHz, 80 MHz, 160 MHz), 802.11ax mode for 20 MHz (40 MHz, 80 MHz, 160 MHz) and 802.11be mode for 20 MHz (40 MHz, 80 MHz, 160 MHz). Therefore the investigated worst case is the representative mode in test report.

3.3 Channel List

FOR 5180 ~ 5320 MHz

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

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

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

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

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

Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz

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

Channel	Frequency
50	5250 MHz

FOR 5500 ~ 5720 MHz

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

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

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

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

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

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

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

Channel	Frequency
114	5570 MHz

FOR 5745 ~ 5825 MHz:

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

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

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

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

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

Channel	Frequency
155	5775 MHz

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.
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Following channel(s) was (were) selected for the final test as listed below:

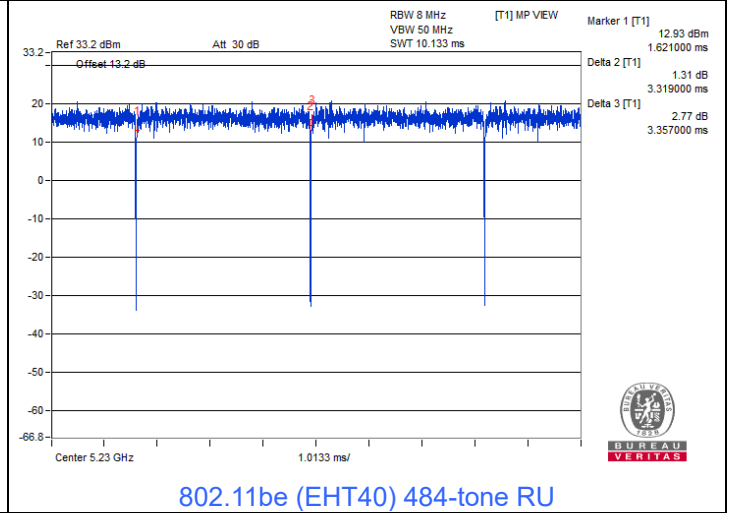
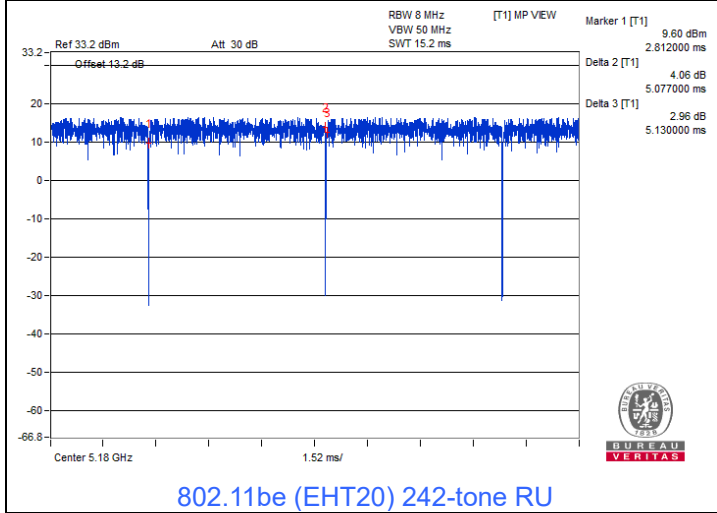
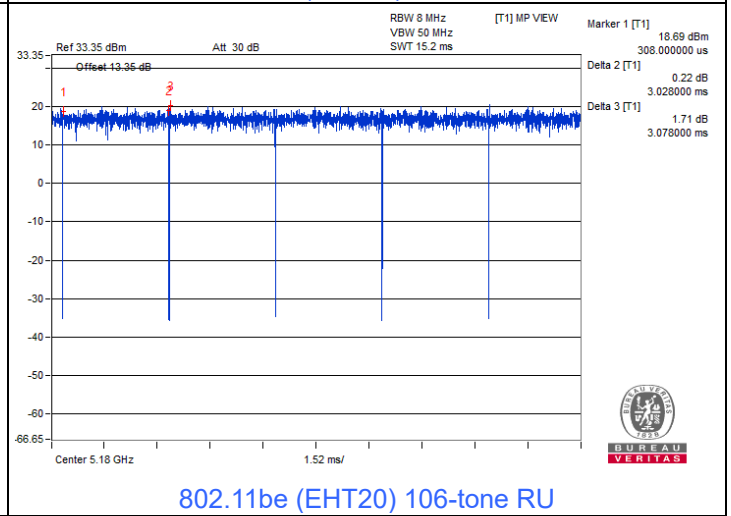
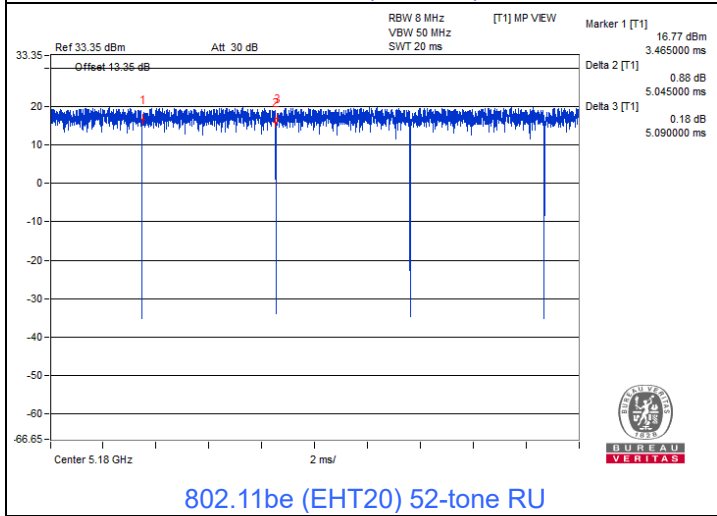
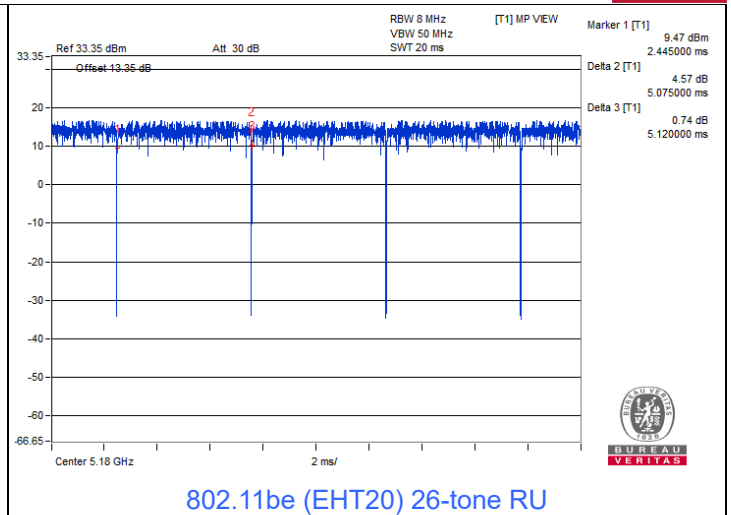
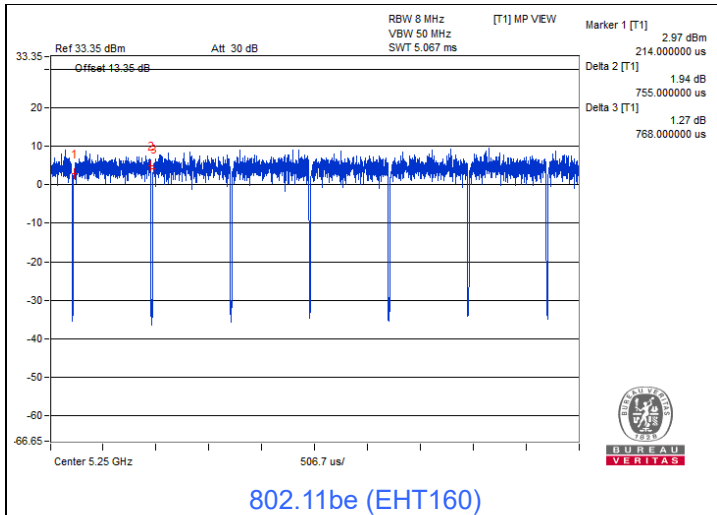
Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
RF Output Power	-	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s	NA
		802.11be (EHT20)		36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
		802.11be (EHT40)		38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0	NA
		802.11be (EHT80)		42, 58, 106, 122, 138, 155	BPSK	MCS0	NA
		802.11be (EHT160)		50, 114	BPSK	MCS0	NA
		802.11be (EHT20) 26-tone RU		36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	0, 0, 8, 0, 0, 8, 0, 0, 8, 8, 0, 0, 8
		802.11be (EHT20) 52-tone RU		36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	37, 37, 40, 37, 37, 40, 37, 37, 40, 40, 37, 37, 40
		802.11be (EHT20) 106-tone RU		36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	53, 53, 54, 53, 53, 54, 53, 53, 54, 54, 53, 53, 54
		802.11be (EHT20) 242-tone RU		40, 64, 116, 165	BPSK	MCS0	61, 61, 61, 61
		802.11be (EHT40) 484-tone RU		46, 62, 110, 159	BPSK	MCS0	65, 65, 65, 65
		802.11be (EHT80) 996-tone RU		42, 58, 138, 155	BPSK	MCS0	67, 67, 67, 67
		802.11be (EHT160) 2x996-tone RU		50, 114	BPSK	MCS0	68, 68
		802.11be (EHT20) 52+26-tone MRU		40, 64, 116, 165	BPSK	MCS0	UL_RU52+26_Low_70_MCS0, UL_RU52+26_High_72_MCS0, UL_RU52+26_Low_70_MCS0, UL_RU52+26_High_72_MCS0,

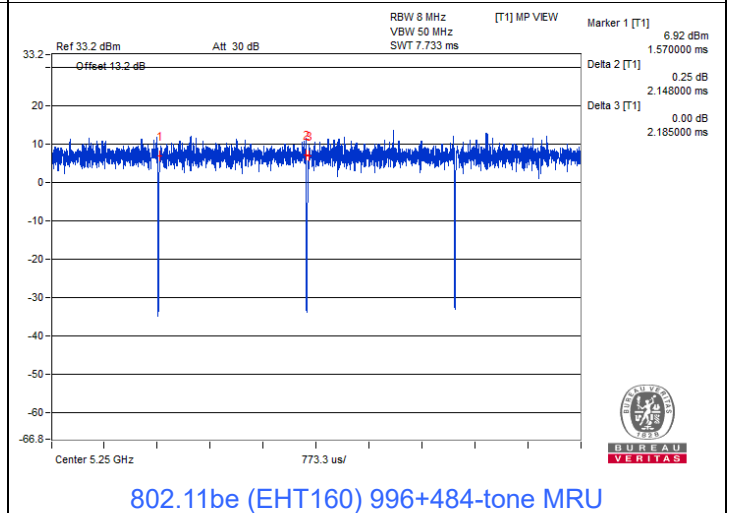
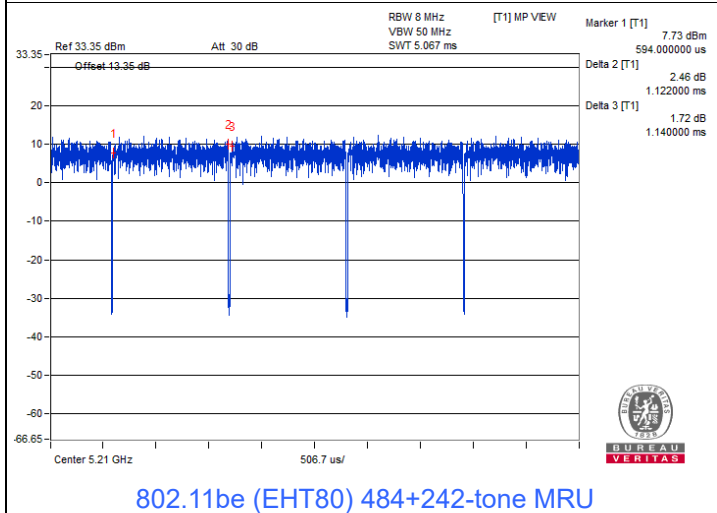
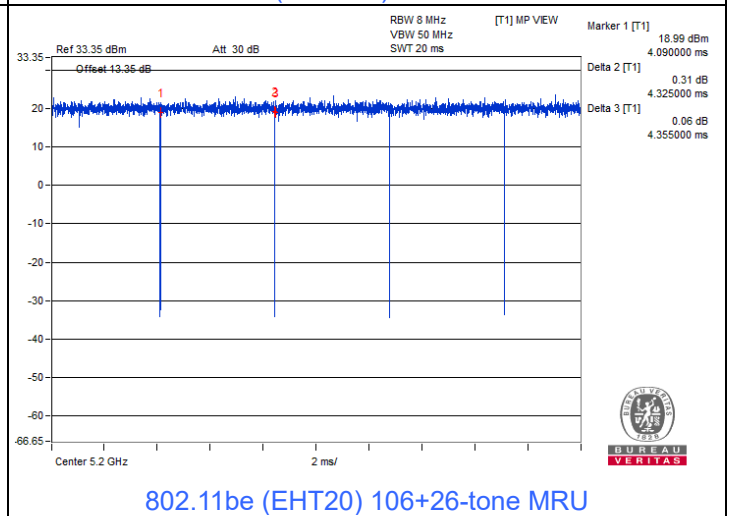
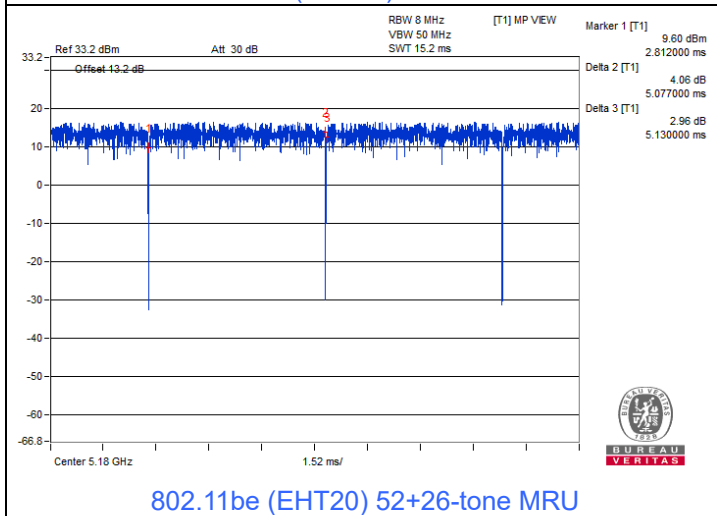
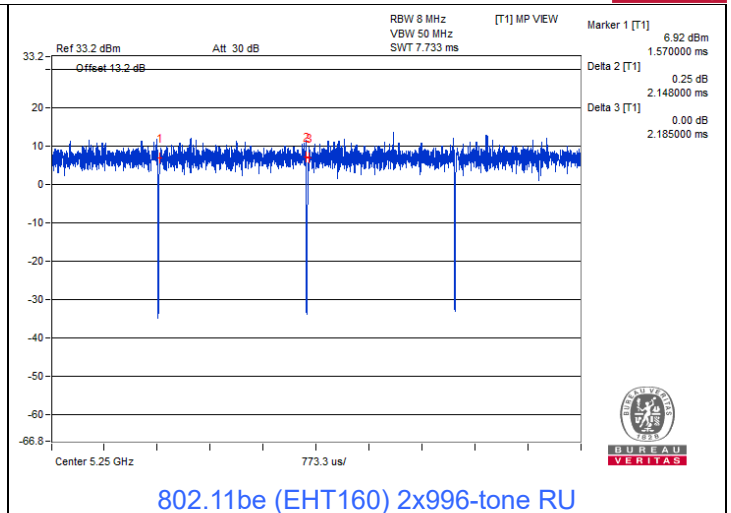
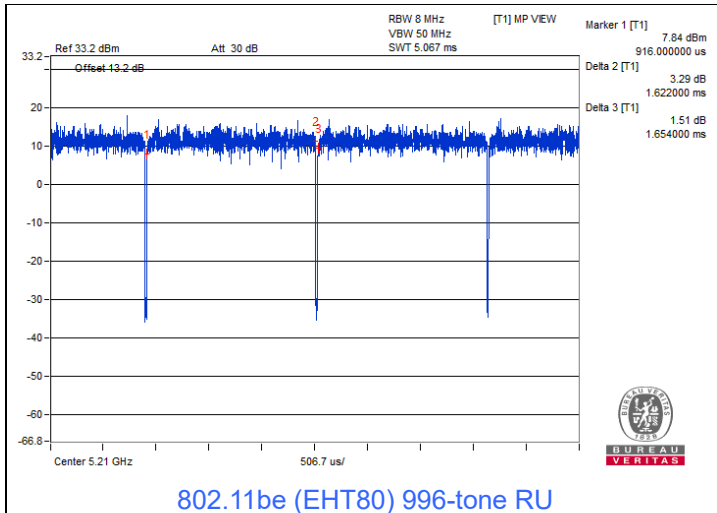
Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter	RU/MRU Index
RF Output Power	-	802.11be (EHT20) 106+26-tone MRU	CDD	40, 64, 116, 165	BPSK	MCS0	UL_RU106+26_Low_82_MCS0, UL_RU106+26_High_83_MCS0, UL_RU106+26_Low_82_MCS0, UL_RU106+26_High_83_MCS0,
		802.11be (EHT80) 484+242-tone MRU		42, 58, 138, 155	BPSK	MCS0	UL_RU484+242_Punc20_91_MCS0
		802.11be (EHT160) 996+484-tone MRU		50, 114	BPSK	MCS0	UL_RU996+484_Punc40_MCS0 UL_RU996+484_Low_MCS0
		802.11be (EHT80) Punctured by 20 MHz		42, 58, 138, 155	BPSK	MCS0	EHT80_SU_Punct20_Mid2
		802.11be (EHT160) Punctured by 20 MHz		50, 114	BPSK	MCS0	EHT160_SU_Punct20_Mid2 EHT160_SU_Punct20_High
		802.11be (EHT160) Punctured by 40 MHz		50, 114	BPSK	MCS0	EHT160_SU_Punct40_Mid2 EHT160_SU_Punct40_High
AC Power Conducted Emissions	C	802.11be (EHT20)	CDD	116	BPSK	MCS0	NA
Unwanted Emissions below 1 GHz	A, B	802.11be (EHT20)	CDD	116	BPSK	MCS0	NA
Unwanted Emissions above 1 GHz	A, B	802.11be (EHT20)	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0	NA
		802.11be (EHT80) Punctured by 20 MHz		58	BPSK	MCS0	EHT80_SU_Punct20_Mid2
		802.11be (EHT80) 484+242-tone MRU		58	BPSK	MCS0	EHT80_SU_Punct20_Mid2
EUT Configure Mode:	A	EUT only (remove 50 ohm terminator and Connect to the appropriate equipment)					
	B	EUT with 50 ohm terminator					
	C	EUT with antenna (Model: 260-25094)					
Note: For unwanted emission test items, the tested channel was chosen the worst case as mode represent to report							

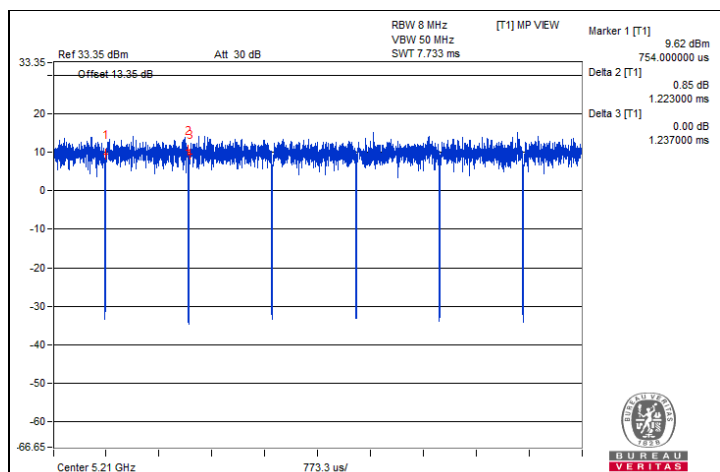
3.5 Duty Cycle of Test Signal

802.11a: Duty cycle = 2.083 ms / 2.113 ms x 100% = 98.6%
802.11be (EHT20): Duty cycle = 2.706 ms / 2.729 ms x 100% = 99.2%
802.11be (EHT40): Duty cycle = 1.581 ms / 1.611 ms x 100% = 98.1%
802.11be (EHT80): Duty cycle = 1.012 ms / 1.032 ms x 100% = 98.1%
802.11be (EHT160): Duty cycle = 0.755 ms / 0.768 ms x 100% = 98.3%
802.11be (EHT20) 26-tone RU: Duty cycle = 5.075 ms / 5.12 ms x 100% = 99.1%
802.11be (EHT20) 52-tone RU: Duty cycle = 5.045 ms / 5.09 ms x 100% = 99.1%
802.11be (EHT20) 106-tone RU: Duty cycle = 3.028 ms / 3.078 ms x 100% = 98.4%
802.11be (EHT20) 242-tone RU: Duty cycle = 5.077 ms / 5.13 ms x 100% = 99.0%
802.11be (EHT40) 484-tone RU: Duty cycle = 3.319 ms / 3.357 ms x 100% = 98.9%
802.11be (EHT80) 996-tone RU: Duty cycle = 1.622 ms / 1.654 ms x 100% = 98.1%
802.11be (EHT160) 2x996-tone RU: Duty cycle = 2.148 ms / 2.185 ms x 100% = 98.3%
802.11be (EHT20) 52+26-tone MRU: Duty cycle = 5.077 ms / 5.13 ms x 100% = 99.0%
802.11be (EHT20) 106+26-tone MRU: Duty cycle = 4.325 ms / 4.355 ms x 100% = 99.3%
802.11be (EHT80) 484+242-tone MRU: Duty cycle = 1.122 ms / 1.14 ms x 100% = 98.4%
802.11be (EHT160) 996+484-tone MRU: Duty cycle = 2.148 ms / 2.185 ms x 100% = 98.3%
802.11be (EHT80) Punctured by 20 MHz: Duty cycle = 1.223 ms / 1.237 ms x 100% = 98.9%
802.11be (EHT160) Punctured by 20 MHz: Duty cycle = 4.405 ms / 4.458 ms x 100% = 98.8%
802.11be (EHT160) Punctured by 40 MHz: Duty cycle = 4.405 ms / 4.458 ms x 100% = 98.8%

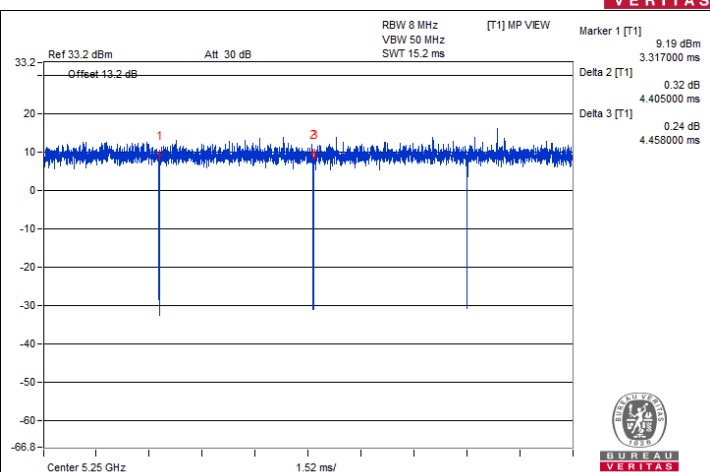




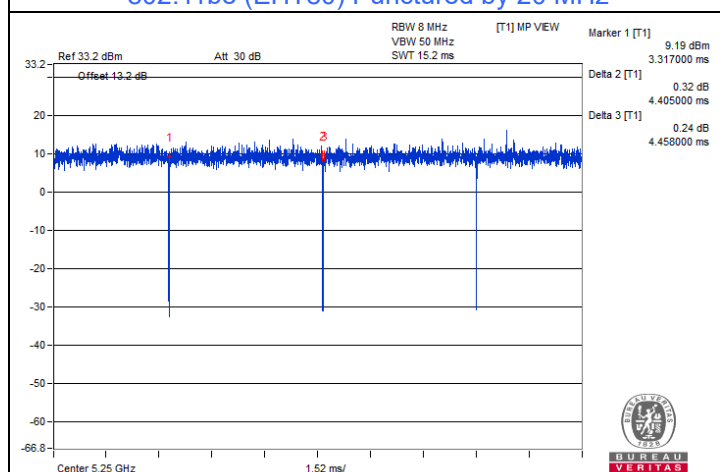




802.11be (EHT80) Punctured by 20 MHz



802.11be (EHT160) Punctured by 20 MHz



802.11be (EHT160) Punctured by 40 MHz

3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Dell	E6430	N/A	N/A	Supplied by applicant
B	Test Tool	Qualcomm	N/A	N/A	N/A	Supplied by applicant
C	Adapter	Dell	LLA65NS2-01	N/A	N/A	Supplied by applicant
D	Test Tool	Qualcomm	N/A	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.8	NO	1	Supplied by applicant
2	AC Cable	1	1.5	NO	0	Supplied by applicant

4 Test Instruments

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

4.1 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
	00800A1K01A-20	00800A1K01A-20-02	2025/5/23	2026/5/22
Pulse Power Sensor Anritsu	MA2411B	1726434	2025/6/3	2026/6/2
PXA Signal Analyzer Keysight	N9030A	MY55330160	2025/1/16	2026/1/15
RF Power Meter Anritsu	ML2495A	1529002	2025/6/3	2026/6/2
Software	ADT_RF Test Software V8	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2025/8/15 ~ 2025/8/16

4.2 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance Telegartner	50 ohm	3	2024/11/1	2025/10/31
EMI Test Receiver R&S	ESCS 30	100375	2024/5/20	2025/5/19
Fixed Attenuator STI	STI02-2200-10	005	2025/2/17	2026/2/16
LISN R&S	ESH3-Z5	835239/001	2025/3/27	2026/3/26
		848773/004	2024/10/7	2025/10/6
RF Coaxial Cable JYEBAO	5D-FB	COCCAB-001	2025/2/17	2026/2/16
Software BVADT	BVADT_Cond_V7.3.7.4	N/A	N/A	N/A

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2025/5/6 ~ 2025/5/7

4.3 Unwanted Emissions below 1 GHz

Mode A

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
PXA Signal Analyzer Keysight	N9030A	MY55330160	2025/1/16	2026/1/15
Software	ADT_RF Test Software V8	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2025/8/15

Mode B

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-361	2024/10/8	2025/10/7
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Fixed Attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	2025/2/8	2026/2/7
Loop Antenna TESEQ	HLA 6121	63620	2024/10/17	2025/10/16
MXE EMI Receiver Agilent	N9038A	MY50010156	2024/6/5	2025/6/4
Preamplifier EMCI	EMC330N	980852	2025/2/8	2026/2/7
	EMC001340	980142	2025/2/17	2026/2/16
RF Coaxial Cable PEWC	8D	001	2025/2/8	2026/2/7
		966-3-2	2025/2/8	2026/2/7
		966-3-3	2025/2/8	2026/2/7
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 3.
2. Tested Date: 2025/5/6

4.4 Unwanted Emissions above 1 GHz

Mode A

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
PXA Signal Analyzer Keysight	N9030A	MY55330160	2025/1/16	2026/1/15
Software	ADT_RF Test Software V8	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2025/8/15 ~ 2025/8/25

Mode B

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-406	2024/11/10	2025/11/9
	BBHA 9170	9170-739	2024/11/10	2025/11/9
MXE EMI Receiver Agilent	N9038A	MY50010156	2024/6/5	2025/6/4
Preamplifier EMCI	EMC12630SE	980384	2025/1/14	2026/1/13
	EMC184045SE	980387	2024/8/8	2025/8/7
PXA Signal Analyzer Keysight	N9030B	MY57141948	2024/5/20	2025/5/19
RF Coaxial Cable EMCI	EMC102-KM-KM-1200	160924	2025/1/24	2026/1/23
	EMC102-KM-KM-4000	200214	2025/1/24	2026/1/23
	EMC104-SM-SM-1500	180504	2025/1/18	2026/1/17
	EMC104-SM-SM-2000	180601	2025/1/18	2026/1/17
	EMC104-SM-SM-6000	210201	2025/1/18	2026/1/17
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 3.
2. Tested Date: 2025/5/5

5 Limits of Test Items

5.1 RF Output Power

Operation Band	EUT Category	Limit
U-NII-1	Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
	Fixed point-to-point Access Points	1 Watt (30 dBm)
	Indoor Access Point	1 Watt (30 dBm)
	Client devices	250mW (24 dBm)

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

*B is the 26 dB emission bandwidth in megahertz

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

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

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

5.2 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.

5.3 Unwanted Emissions below 1 GHz

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

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

Notes:

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

5.4 Unwanted Emissions above 1 GHz

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

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

Notes:

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

Limits of unwanted emission out of the restricted bands

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

For transmitters operating in the 5.15-5.25 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m) *
* Conducted Unwanted Emission Convert Formula: Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8, d = measurement distance in 3 meters. Emission Level (dBuV/m) = -27 – 20log(3) + 104.8 = 68.26		

For transmitters operating in the 5.25-5.35 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(2)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m) *
* Conducted Unwanted Emission Convert Formula: Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8, d = measurement distance in 3 meters. Emission Level (dBuV/m) = -27 – 20log(3) + 104.8 = 68.26		

For transmitters operating in the 5.47-5.725 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(3)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m) *
* Conducted Unwanted Emission Convert Formula: Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8, d = measurement distance in 3 meters. Emission Level (dBuV/m) = -27 – 20log(3) + 104.8 = 68.26		

For transmitters operating in the 5.725-5.850 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(4)(i)	PK: -27 (dBm/MHz) ^{*1} PK: 10 (dBm/MHz) ^{*2} PK: 15.6 (dBm/MHz) ^{*3} PK: 27 (dBm/MHz) ^{*4}	PK: 68.2 (dBμV/m) ^{*1} PK: 105.2 (dBμV/m) ^{*2} PK: 110.8 (dBμV/m) ^{*3} PK: 122.2 (dBμV/m) ^{*4}
^{*1} beyond 75 MHz or more above of the band edge. ^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. ^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. ^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

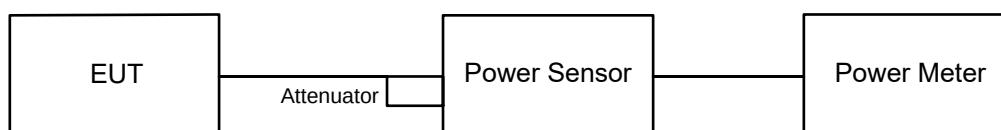
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

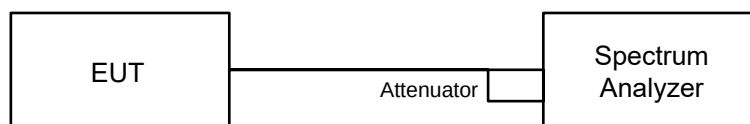
6 Test Arrangements

6.1 RF Output Power

6.1.1 Test Setup



For channel straddling:



6.1.2 Test Procedure

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

For channel straddling:

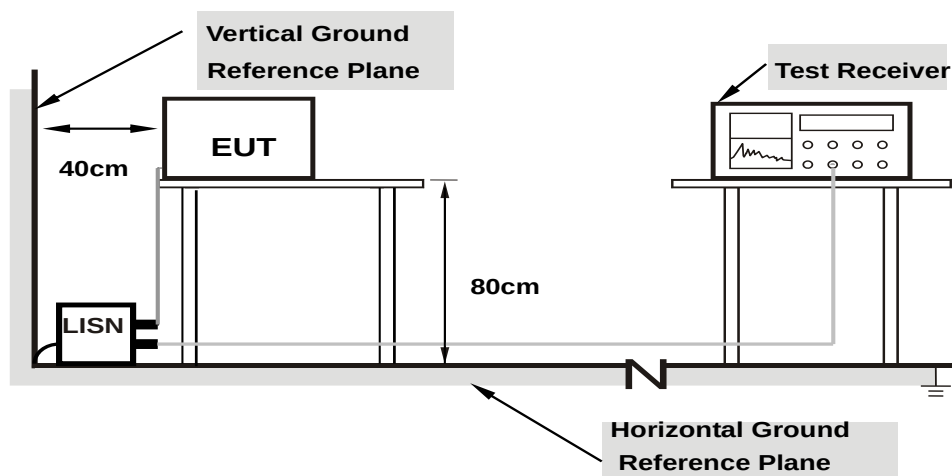
Method SA-1

- Set span to encompass the entire 99% OBW of the signal.
- Set RBW = 1 MHz.
- Set VBW $\geq$ 3 MHz.
- Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto.
- Detector = Power averaging (rms), if available. Otherwise, use sample detector mode.
- If transmit duty cycle $< 98\%$, use a video trigger with the trigger level set to enable triggering only on full power pulses. The transmitter shall operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no OFF intervals) or at duty cycle $\geq 98\%$, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run."
- Trace average at least 100 traces in power averaging (rms) mode.
- Compute power by integrating the spectrum across the 99% OBW of the signal using the instrument's band-power measurement function, with band limits set equal to the OBW band edges. If the instrument does not have a band-power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 99% OBW of the spectrum.

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

6.2 AC Power Conducted Emissions

6.2.1 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).

6.2.2 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.

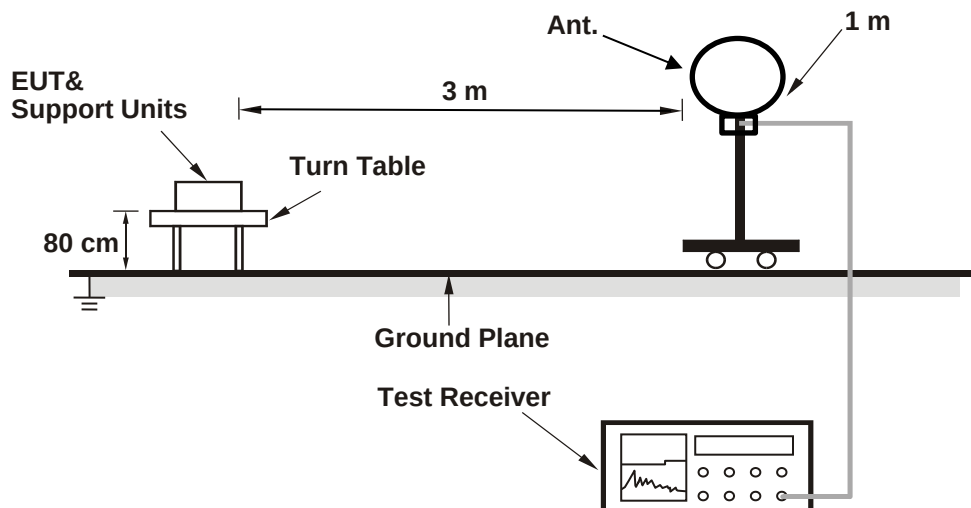
Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

6.3 Unwanted Emissions below 1 GHz

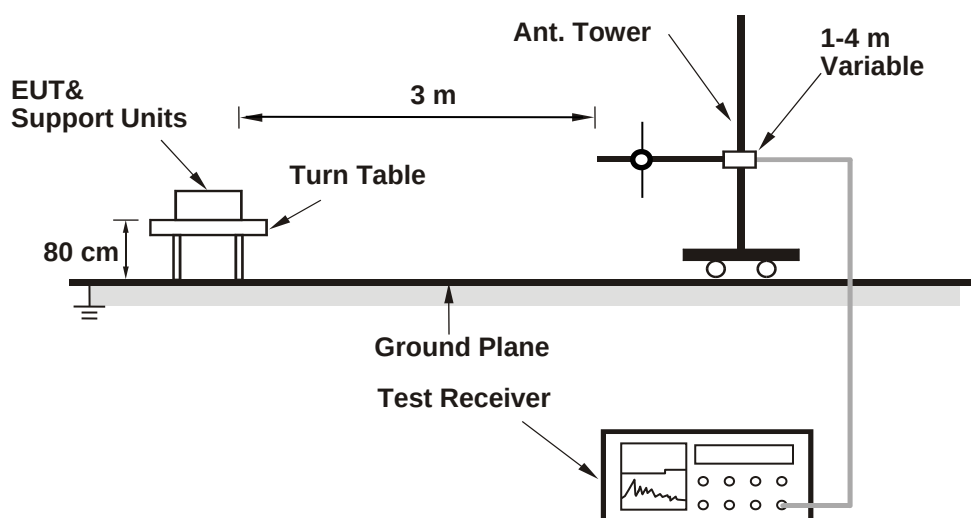
6.3.1 Test Setup

For Radiated Configuration:

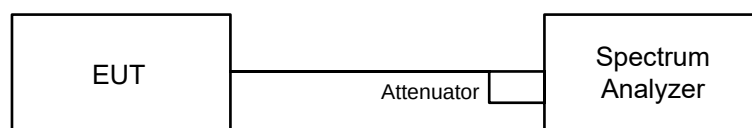
For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For Conducted Configuration:



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

6.3.2 Test Procedure

Radiated versus Conducted Measurement.

The unwanted emission limits in both the restricted and non-restricted bands are based on antenna-port conducted measurements in conjunction with cabinet emissions tests are permitted to demonstrate compliance.

The following steps was performed:

- a. Cabinet emissions measurements. Radiated measurement was performed to ensure that cabinet emissions are below the emission limits. For the cabinet-emission measurements the antenna was replaced by a termination matching the nominal impedance of the antenna.
- b. Conducted tests was performed using equipment that matches the nominal impedance of the antenna assembly used with the EUT.
- c. EIRP calculation. A value representative of an upper bound on out-of-band antenna gain (in dBi) shall be added to the measured antenna-port conducted emission power to compute EIRP within the specified measurement bandwidth. (For emissions in the restricted bands, additional calculations are required to convert EIRP to field strength at the specified distance.) The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater.
- d. EIRP adjustments for multiple outputs. (Follow the procedures specified in FCC KDB Publication 662911)
- e. For all of Radiation emission test

For Radiated emission below 30 MHz

- e-1.1. 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.
- e-1.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- e-1.3. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- e-1.4. 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-1.5. 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

- e-2.1. 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.
- e-2.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- e-2.3. 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.
- e-2.4. 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-2.5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

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

Radiated versus Conducted Measurement

For Radiated measurement:

The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation).

For Conducted measurement:

The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions).

Conducted Unwanted Emission Convert Formula

- a. $\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$
 $d = \text{measurement distance in 3 meters.}$
- b. $\text{EIRP Level (dBm)} = \text{Raw Value(dBm)} + \text{Correction Factor(dB)}$
- c. Correction Factor is directional gain, and the composite gain will be used when signal support the correlated signal.
 For the out of band spurious the gain for the specific band may have been used rather than the highest gain across all bands.
 For the band edge the gain for the specific band may have been used.

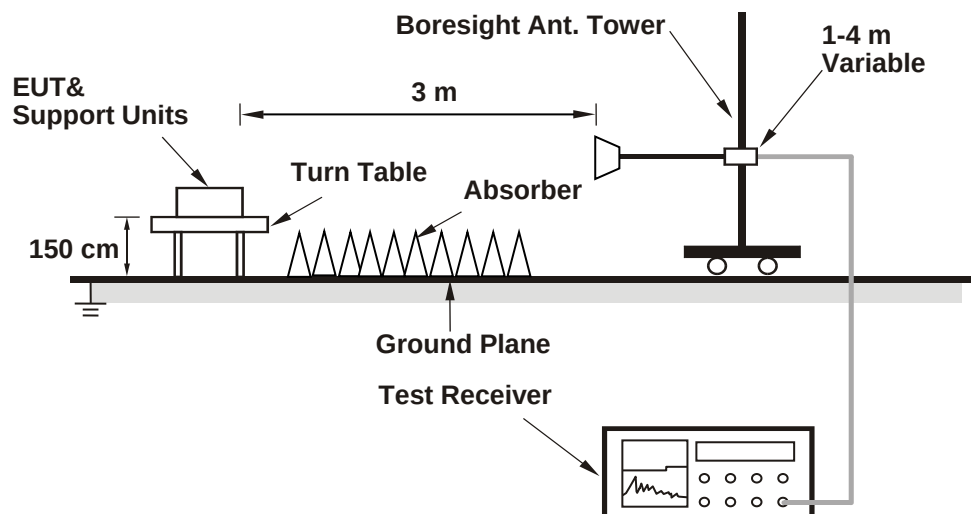
Notes:

1. In restricted bands below 1000 MHz, add upper bound on ground plane reflection:
 For frequencies between 30 MHz and 1000 MHz, add 4.7 dB.
2. The conducted emission test was considered some factor to compute test result.

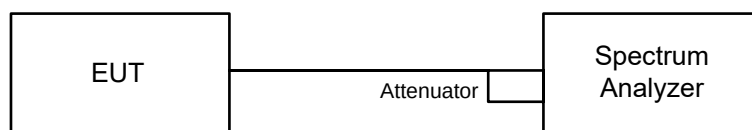
6.4 Unwanted Emissions above 1 GHz

6.4.1 Test Setup

For Radiated Configuration:



For Conducted Configuration:



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

6.4.2 Test Procedure

Radiated versus Conducted Measurement.

The unwanted emission limits in both the restricted and non-restricted bands are based on antenna-port conducted measurements in conjunction with cabinet emissions tests are permitted to demonstrate compliance.

The following steps was performed:

- Cabinet emissions measurements. Radiated measurement was performed to ensure that cabinet emissions are below the emission limits. For the cabinet-emission measurements the antenna was replaced by a termination matching the nominal impedance of the antenna.
- Conducted tests was performed using equipment that matches the nominal impedance of the antenna assembly used with the EUT.
- EIRP calculation. A value representative of an upper bound on out-of-band antenna gain (in dBi) shall be added to the measured antenna-port conducted emission power to compute EIRP within the specified measurement bandwidth. (For emissions in the restricted bands, additional calculations are required to convert EIRP to field strength at the specified distance.) The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater.
- EIRP adjustments for multiple outputs. (Follow the procedures specified in FCC KDB Publication 662911)
- For all of Radiation emission test
 - 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.

- e-3. 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.
- e-4. 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-5. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

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

Radiated versus Conducted Measurement

For Radiated measurement:

The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation).

For Conducted measurement:

The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions).

For Verified radiated measurement:

The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation).

Conducted Unwanted Emission Convert Formula

a. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

b. EIRP Level (dBm) = Raw Value(dBm) + Correction Factor(dB).

c. Correction Factor is directional gain, and the composite gain will be used when signal support the correlated signal.

For the out of band spurious the gain for the specific band may have been used rather than the highest gain across all bands.

For the band edge the gain for the specific band may have been used.

Note: The conducted emission test was considered some factor to compute test result.

7 Test Results of Test Item

7.1 RF Output Power

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Kevin Ko
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802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	15.60	14.90	67.211	18.27	24	Pass
40	5200	15.50	14.90	66.384	18.22	24	Pass
48	5240	15.26	14.78	63.635	18.04	24	Pass
52	5260	15.28	14.93	64.846	18.12	24	Pass
60	5300	15.29	14.77	63.798	18.05	24	Pass
64	5320	15.23	15.00	64.965	18.13	24	Pass
100	5500	15.55	15.24	69.312	18.41	24	Pass
116	5580	15.53	15.64	72.371	18.60	24	Pass
140	5700	15.55	15.50	71.374	18.54	24	Pass
*144 (U-NII-2C)	5720	13.38	13.93	46.494	16.67	23	Pass
*144 (U-NII-3)	5720	5.37	5.95	7.379	8.68	30	Pass
149	5745	15.15	15.23	66.077	18.20	30	Pass
157	5785	15.14	15.16	65.468	18.16	30	Pass
165	5825	15.05	15.18	64.95	18.13	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	16.10	15.40	75.412	18.77	24	Pass
40	5200	16.40	15.88	82.377	19.16	24	Pass
48	5240	16.27	15.80	80.383	19.05	24	Pass
52	5260	16.37	16.04	83.53	19.22	24	Pass
60	5300	16.23	15.90	80.88	19.08	24	Pass
64	5320	16.14	16.06	81.48	19.11	24	Pass
100	5500	16.13	15.80	79.039	18.98	24	Pass
116	5580	16.10	16.36	83.989	19.24	24	Pass
140	5700	16.16	16.12	82.231	19.15	24	Pass
*144 (U-NII-2C)	5720	15.03	14.66	61.083	17.86	22.93	Pass
*144 (U-NII-3)	5720	8.27	7.77	12.698	11.04	30	Pass
149	5745	15.85	15.80	76.478	18.84	30	Pass
157	5785	15.73	15.70	74.565	18.73	30	Pass
165	5825	15.60	15.67	73.206	18.65	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	15.13	14.55	61.094	17.86	24	Pass
46	5230	15.46	14.96	66.489	18.23	24	Pass
54	5270	15.34	15.00	65.821	18.18	24	Pass
62	5310	15.37	15.10	66.794	18.25	24	Pass
102	5510	15.65	15.50	72.21	18.59	24	Pass
110	5550	15.68	15.64	73.627	18.67	24	Pass
134	5670	15.76	15.80	75.689	18.79	24	Pass
*142 (U-NII-2C)	5710	15.31	14.48	62.017	17.93	24	Pass
*142 (U-NII-3)	5710	3.61	2.56	4.099	6.13	30	Pass
151	5755	15.42	15.35	69.111	18.40	30	Pass
159	5795	15.30	15.40	68.558	18.36	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	14.05	13.44	47.49	16.77	24	Pass
58	5290	14.12	13.42	47.801	16.79	24	Pass
106	5530	13.82	13.59	46.955	16.72	24	Pass
122	5610	14.96	14.83	61.742	17.91	24	Pass
*138 (U-NII-2C)	5690	14.24	13.75	50.26	17.01	24	Pass
*138 (U-NII-3)	5690	-1.80	-2.06	1.283	1.08	30	Pass
155	5775	14.44	14.42	55.467	17.44	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	7.91	6.80	10.966	10.40	24	Pass
*50 (U-NII-2A)	5250	8.44	7.17	12.194	10.86	24	Pass
114	5570	10.46	10.38	22.032	13.43	24	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 26-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	8.37	8.98	14.777	11.70	24	Pass
40	5200	8.68	9.05	15.414	11.88	24	Pass
48	5240	8.54	8.90	14.907	11.73	24	Pass
52	5260	8.53	8.90	14.891	11.73	24	Pass
60	5300	8.35	8.65	14.167	11.51	24	Pass
64	5320	8.66	9.15	15.568	11.92	24	Pass
100	5500	6.98	7.00	10.001	10.00	24	Pass
116	5580	7.00	7.42	10.533	10.23	24	Pass
140	5700	7.22	6.65	9.896	9.95	24	Pass
*144 (U-NII-2C)	5720	-24.55	-25.38	0.006405	-21.93	22.47	Pass
*144 (U-NII-3)	5720	6.87	6.30	9.13	9.60	30	Pass
149	5745	14.40	14.94	58.731	17.69	30	Pass
157	5785	14.15	14.73	55.718	17.46	30	Pass
165	5825	14.04	14.77	55.343	17.43	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 52-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	11.96	12.52	33.569	15.26	24	Pass
40	5200	12.42	12.06	33.528	15.25	24	Pass
48	5240	11.94	12.48	33.333	15.23	24	Pass
52	5260	11.96	12.15	32.11	15.07	24	Pass
60	5300	11.90	12.19	32.046	15.06	24	Pass
64	5320	11.48	12.06	30.13	14.79	24	Pass
100	5500	10.11	10.23	20.8	13.18	24	Pass
116	5580	10.52	10.95	23.717	13.75	24	Pass
140	5700	10.15	10.95	22.797	13.58	24	Pass
*144 (U-NII-2C)	5720	-7.64	-7.44	0.3525	-4.53	22.56	Pass
*144 (U-NII-3)	5720	11.05	9.84	22.373	13.50	30	Pass
149	5745	14.76	15.20	63.036	18.00	30	Pass
157	5785	14.82	15.20	63.452	18.02	30	Pass
165	5825	14.65	15.08	61.385	17.88	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 106-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	15.80	16.12	78.945	18.97	24	Pass
40	5200	15.60	16.02	76.302	18.83	24	Pass
48	5240	15.52	15.90	74.55	18.72	24	Pass
52	5260	15.69	16.02	77.063	18.87	24	Pass
60	5300	15.61	15.95	75.747	18.79	24	Pass
64	5320	15.22	15.94	72.53	18.61	24	Pass
100	5500	13.25	13.60	44.044	16.44	24	Pass
116	5580	13.56	14.02	47.933	16.81	24	Pass
140	5700	13.50	13.90	46.934	16.71	24	Pass
*144 (U-NII-2C)	5720	11.16	10.66	24.703	13.93	22.55	Pass
*144 (U-NII-3)	5720	10.19	9.19	18.746	12.73	30	Pass
149	5745	15.63	16.26	78.826	18.97	30	Pass
157	5785	15.55	16.15	77.102	18.87	30	Pass
165	5825	15.57	16.26	78.325	18.94	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 242-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
40	5200	15.47	16.52	80.112	19.04	24	Pass
64	5320	15.60	16.70	83.081	19.20	24	Pass
116	5580	15.73	16.26	79.678	19.01	24	Pass
165	5825	15.88	16.52	83.6	19.22	30	Pass

Notes:

- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT40) 484-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
46	5230	12.46	13.40	39.497	15.97	24	Pass
62	5310	12.96	13.56	42.468	16.28	24	Pass
110	5550	15.60	16.42	80.161	19.04	24	Pass
159	5795	15.88	16.19	80.317	19.05	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
3. For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT80) 996-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	12.45	13.40	39.457	15.96	24	Pass
58	5290	11.83	12.94	34.919	15.43	24	Pass
*138 (U-NII-2C)	5690	14.28	14.80	56.991	17.56	24	Pass
*138 (U-NII-3)	5690	-1.06	-1.59	1.4769	1.69	30	Pass
155	5775	14.13	15.30	59.767	17.76	30	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
4. For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
5. For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
6. For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT160) 2x996-tone RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	8.62	9.12	15.444	11.89	24	Pass
*50 (U-NII-2A)	5250	8.73	9.66	16.711	12.23	24	Pass
114	5570	11.94	12.66	34.082	15.33	24	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
40	5200	12.10	13.42	38.197	15.82	24	Pass
64	5320	11.96	12.60	33.901	15.30	23.75	Pass
116	5580	10.93	11.40	26.192	14.18	24	Pass
165	5825	14.96	15.46	66.489	18.23	30	Pass

Notes:

- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
40	5200	15.33	16.80	81.982	19.14	24	Pass
64	5320	15.42	16.82	82.918	19.19	24	Pass
116	5580	13.60	14.62	51.882	17.15	24	Pass
165	5825	15.42	16.22	76.713	18.85	30	Pass

Notes:

- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	12.60	13.05	38.381	15.84	24	Pass
58	5290	12.93	12.12	35.927	15.55	24	Pass
*138 (U-NII-2C)	5690	15.67	15.05	68.887	18.38	24	Pass
*138 (U-NII-3)	5690	1.81	1.15	2.82	4.50	30	Pass
155	5775	15.31	16.01	73.865	18.68	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	10.78	11.72	26.827	14.29	24	Pass
*50 (U-NII-2A)	5250	7.57	8.49	12.778	11.06	24	Pass
114	5570	11.82	12.94	34.884	15.43	24	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT80) Punctured by 20 MHz

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	12.93	12.44	37.172	15.70	24	Pass
58	5290	12.91	12.10	35.761	15.53	24	Pass
*138 (U-NII-2C)	5690	14.47	13.95	52.821	17.23	24	Pass
*138 (U-NII-3)	5690	0.76	0.92	2.427	3.85	30	Pass
155	5775	15.36	15.13	66.939	18.26	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 4.72 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT160) Punctured by 20 MHz

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	8.88	8.85	15.4	11.88	24	Pass
*50 (U-NII-2A)	5250	10.71	11.47	25.804	14.12	24	Pass
114	5570	10.82	11.05	24.813	13.95	24	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

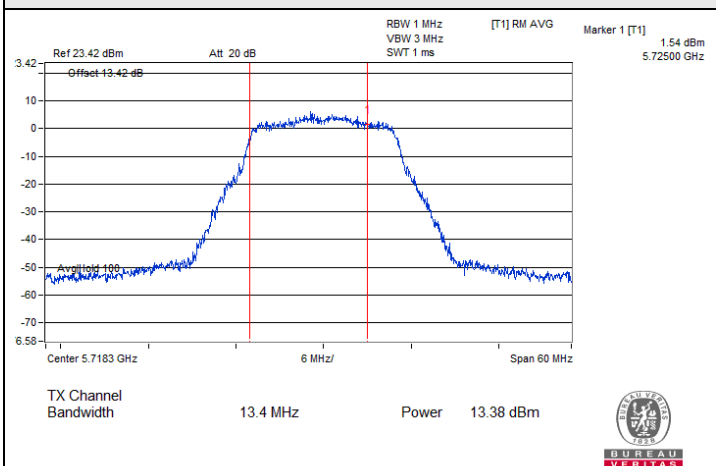
802.11be (EHT160) Punctured by 40 MHz

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	11.26	10.17	23.765	13.76	24	Pass
*50 (U-NII-2A)	5250	7.81	-0.48	6.9349	8.41	24	Pass
114	5570	10.15	10.93	22.739	13.57	24	Pass

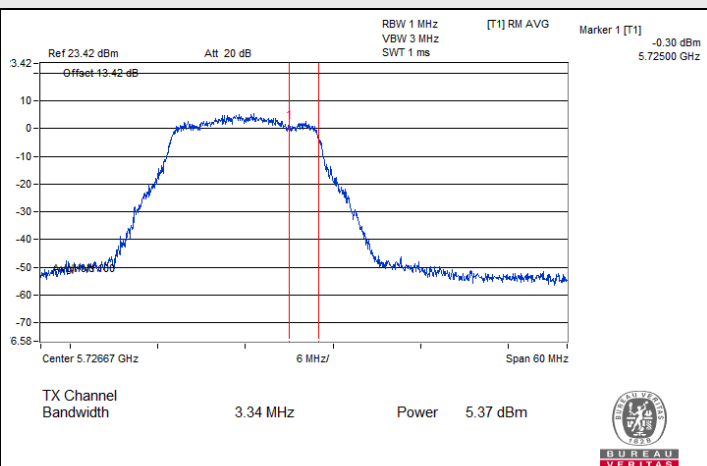
Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.46 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.81 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

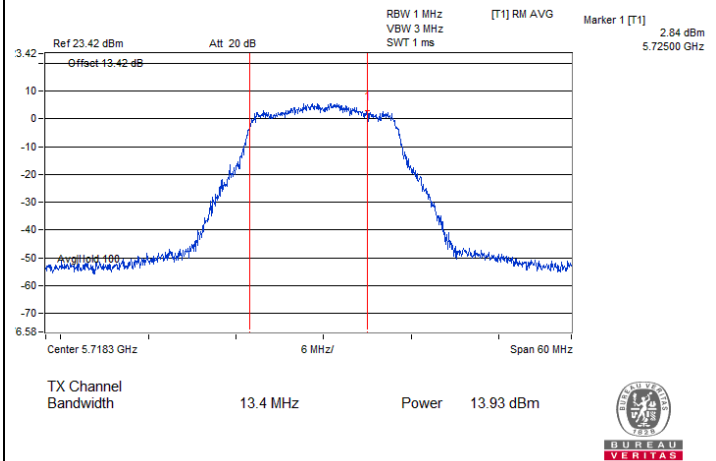
Spectrum Plot for channel straddling



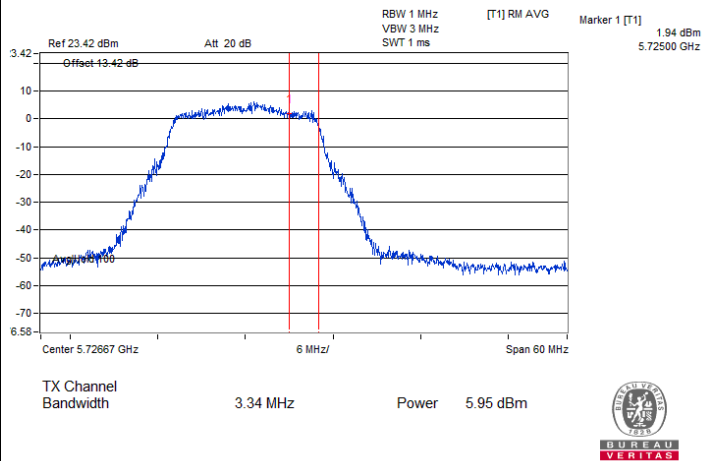
802.11a / Chain 0 : CH 144 (U-NII-2C)



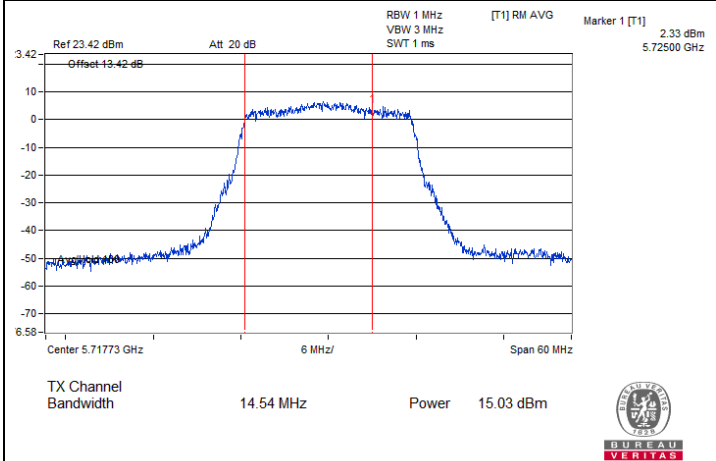
802.11a / Chain 0 : CH 144 (U-NII-3)



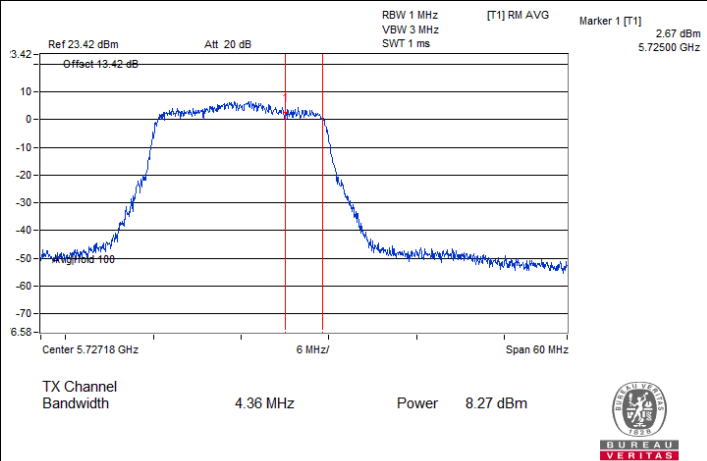
802.11a / Chain 1 : CH 144 (U-NII-2C)



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

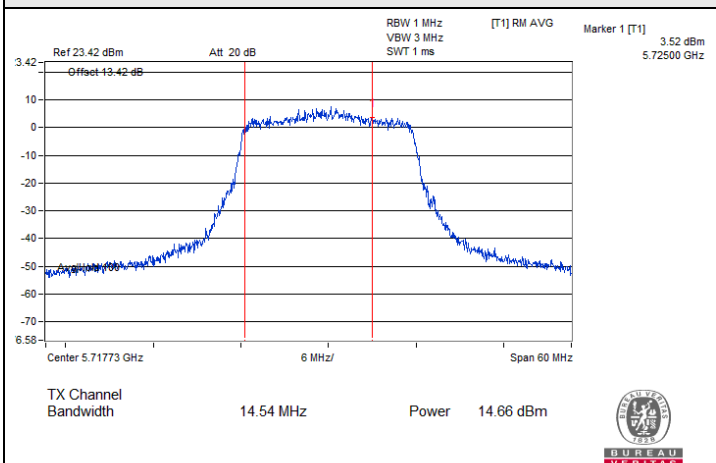


802.11be (EHT20) / Chain 0 : CH 144 (U-NII-2C)

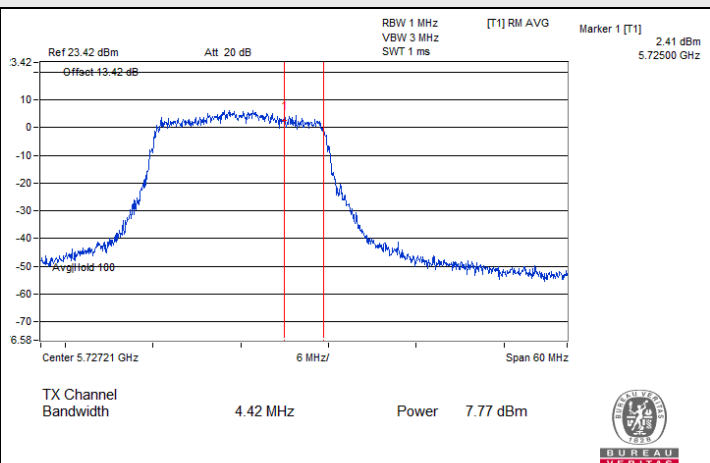


802.11be (EHT20) / Chain 0 : CH 144 (U-NII-3)

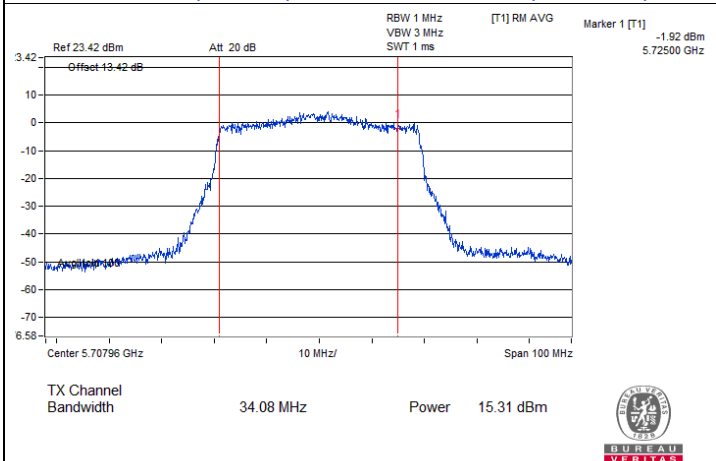
Spectrum Plot for channel straddling



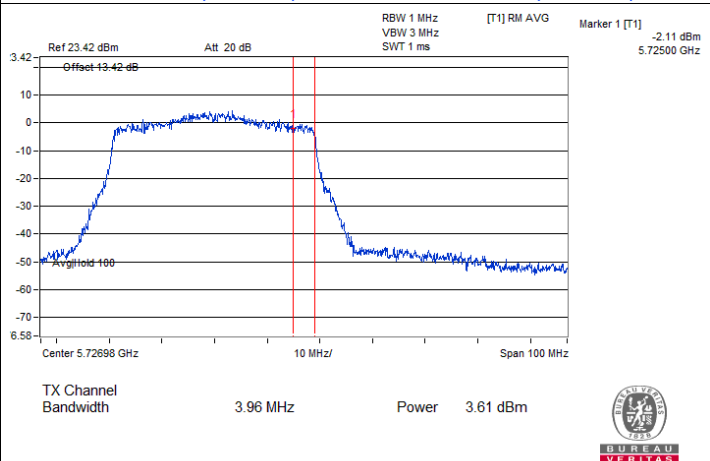
802.11be (EHT20) / Chain 1 : CH 144 (U-NII-2C)



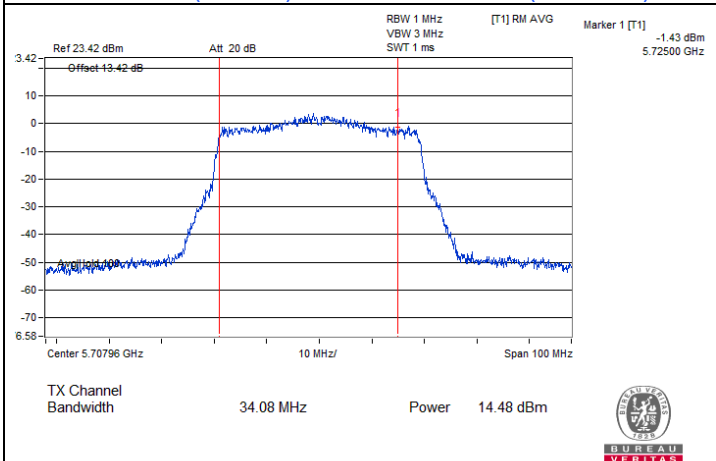
802.11be (EHT20) / Chain 1 : CH 144 (U-NII-3)



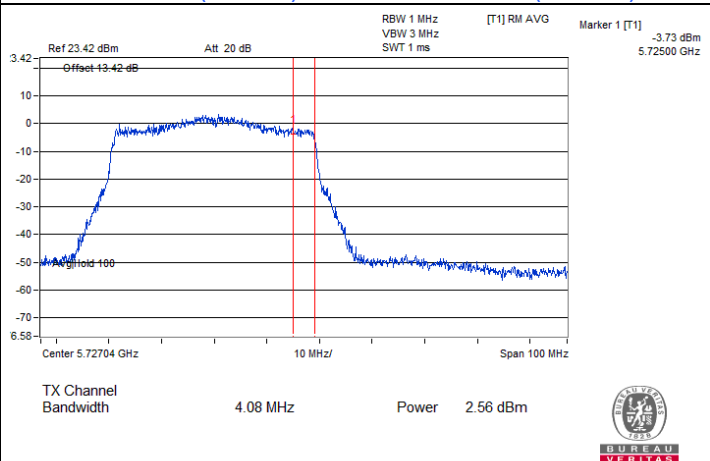
802.11be (EHT40) / Chain 0 : CH 142 (U-NII-2C)



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

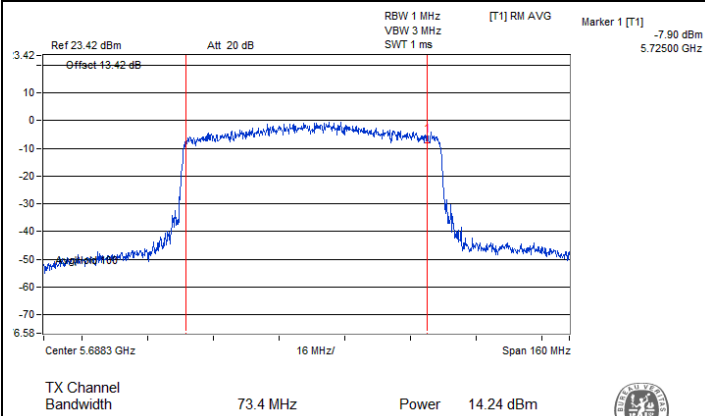


802.11be (EHT40) / Chain 1 : CH 142 (U-NII-2C)

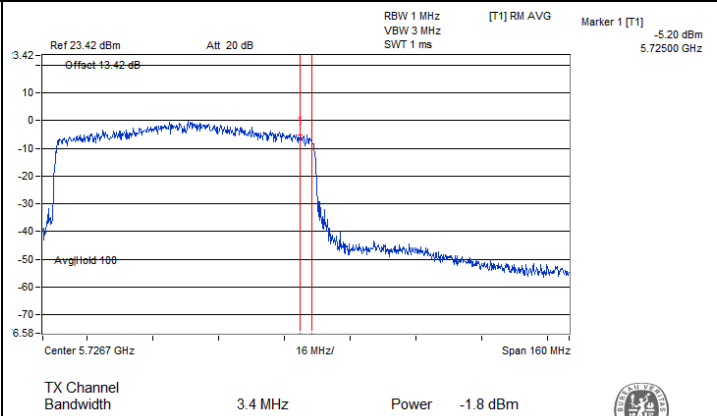


802.11be (EHT40) / Chain 1 : CH 142 (U-NII-3)

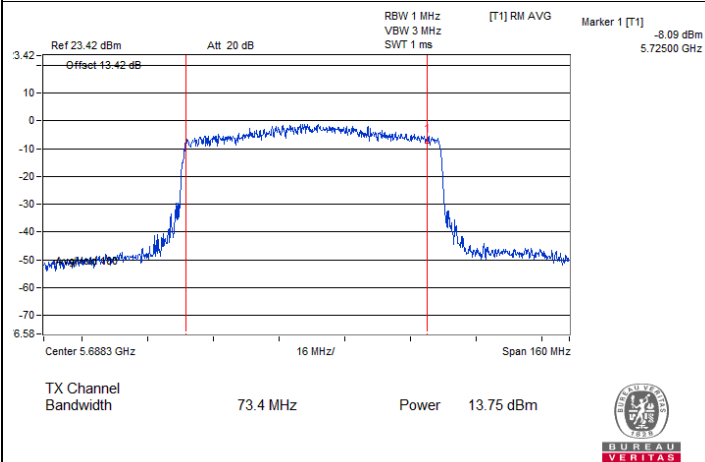
Spectrum Plot for channel straddling



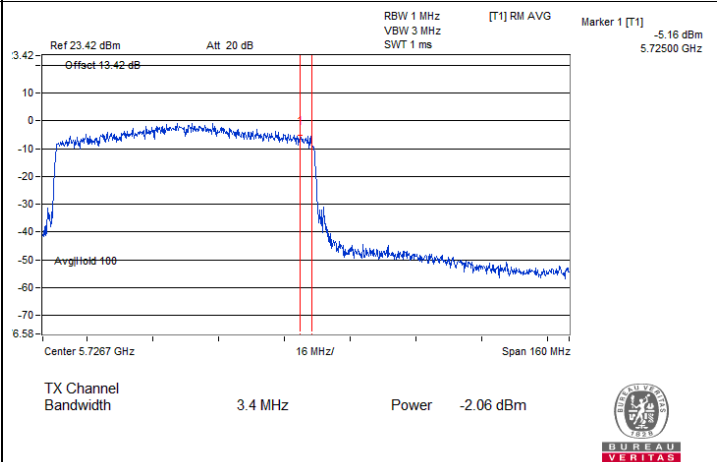
802.11be (EHT80) / Chain 0 : CH 138 (U-NII-2C)



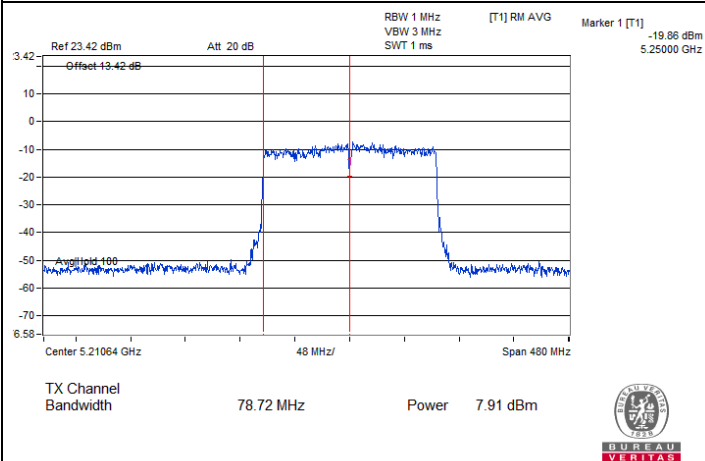
802.11be (EHT80) / Chain 0 : CH 138 (U-NII-3)



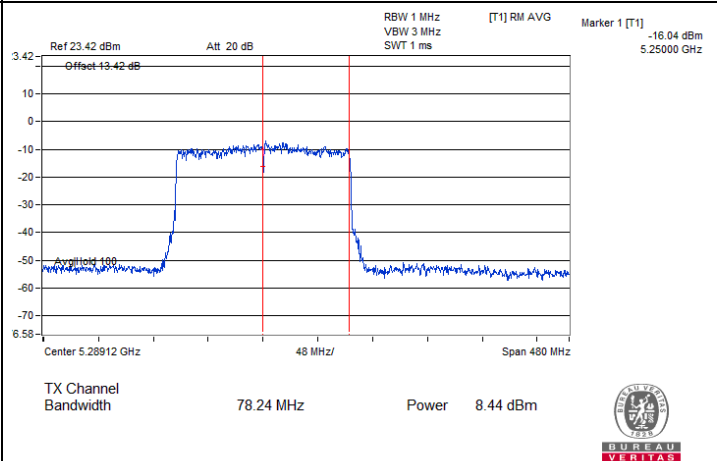
802.11be (EHT80) / Chain 1 : CH 138 (U-NII-2C)



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

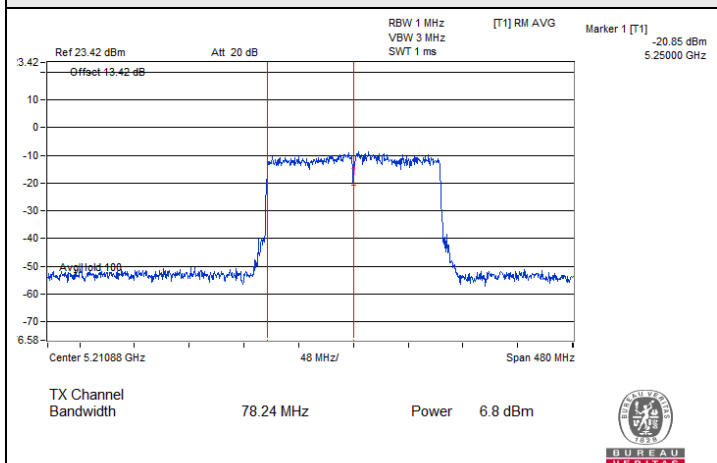


802.11be (EHT160) / Chain 0 : CH 50 (U-NII-1)

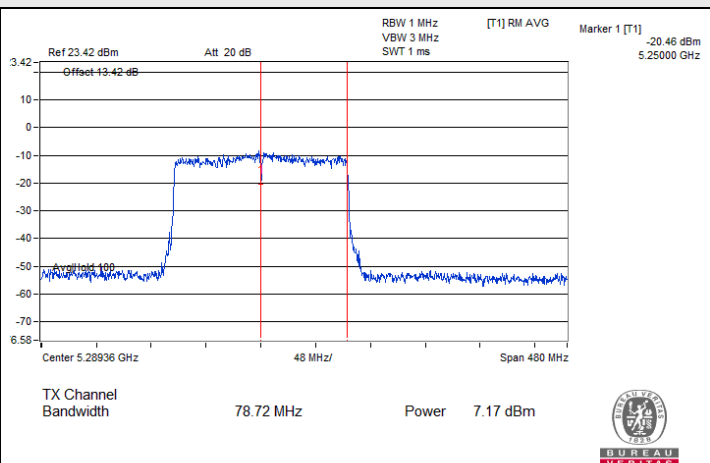


802.11be (EHT160) / Chain 0 : CH 50 (U-NII-2A)

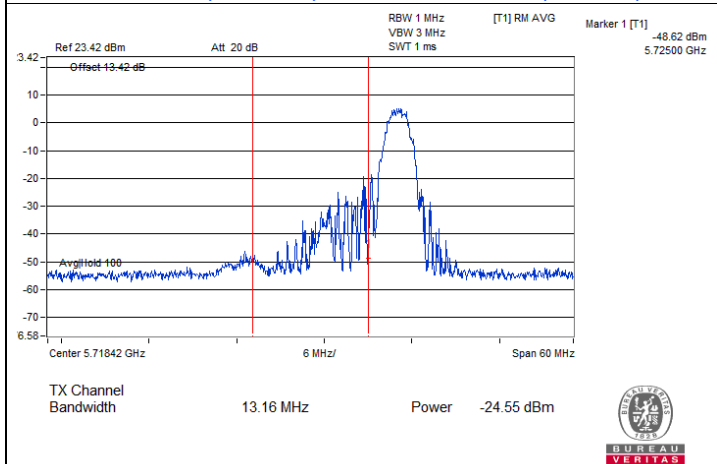
Spectrum Plot for channel straddling



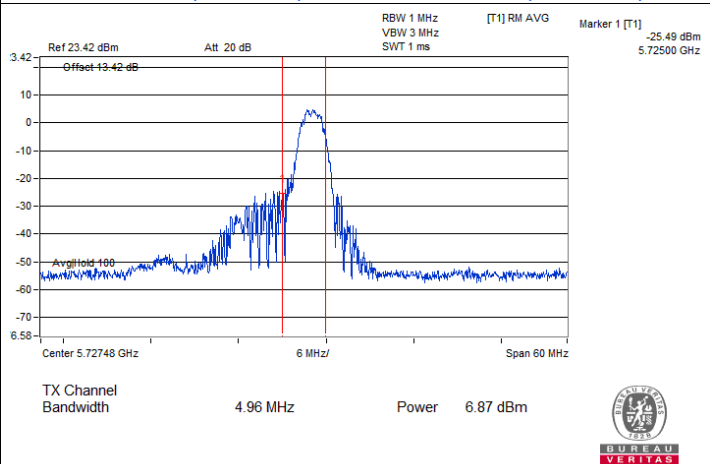
802.11be (EHT160) / Chain 1 : CH 50 (U-NII-1)



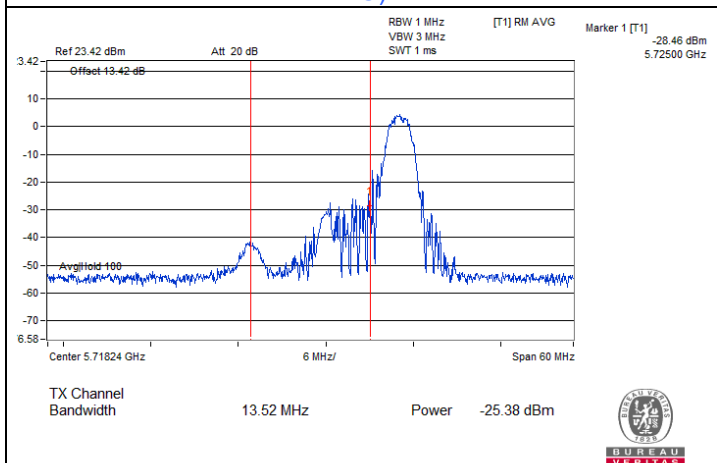
802.11be (EHT160) / Chain 1 : CH 50 (U-NII-2A)



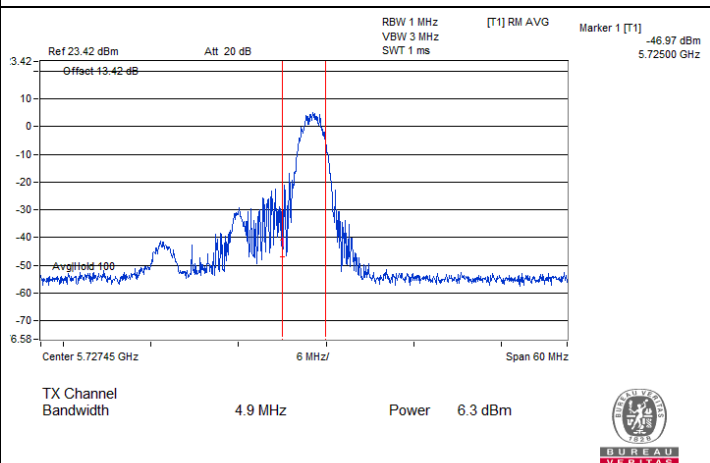
802.11be (EHT20) 26-tone RU / Chain 0 : CH 144 (U-NII-2C)



802.11be (EHT20) 26-tone RU / Chain 0 : CH 144 (U-NII-3)

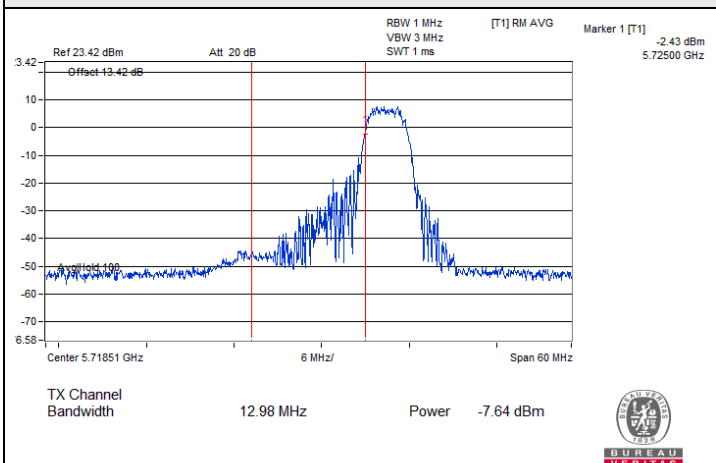


802.11be (EHT20) 26-tone RU / Chain 1 : CH 144 (U-NII-2C)

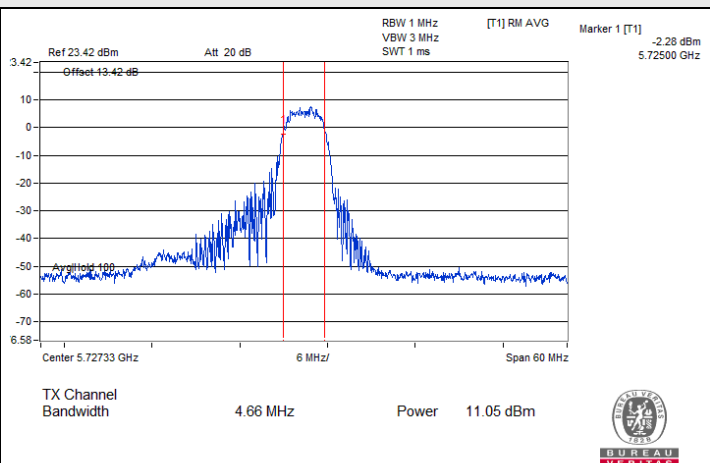


802.11be (EHT20) 26-tone RU / Chain 1 : CH 144 (U-NII-3)

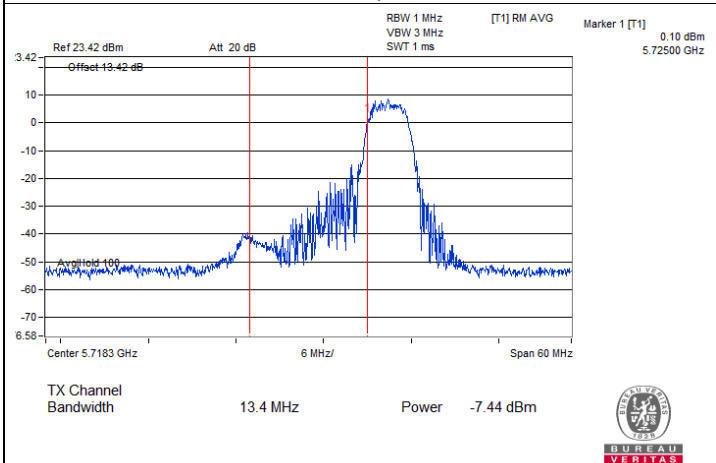
Spectrum Plot for channel straddling



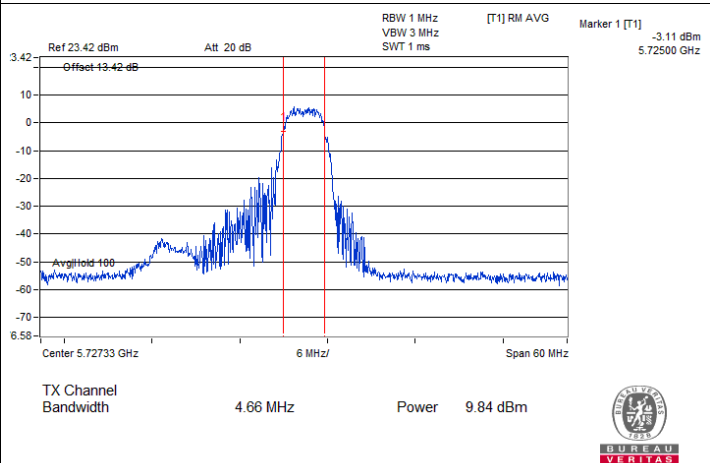
802.11be (EHT20) 52-tone RU / Chain 0 : CH 144 (U-NII-2C)



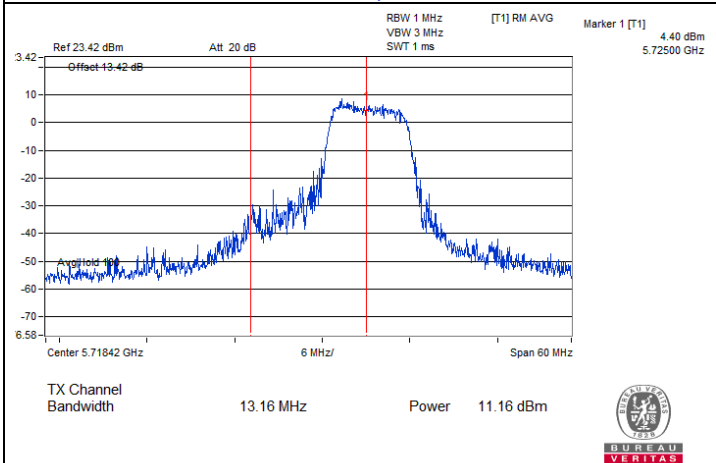
802.11be (EHT20) 52-tone RU / Chain 0 : CH 144 (U-NII-3)



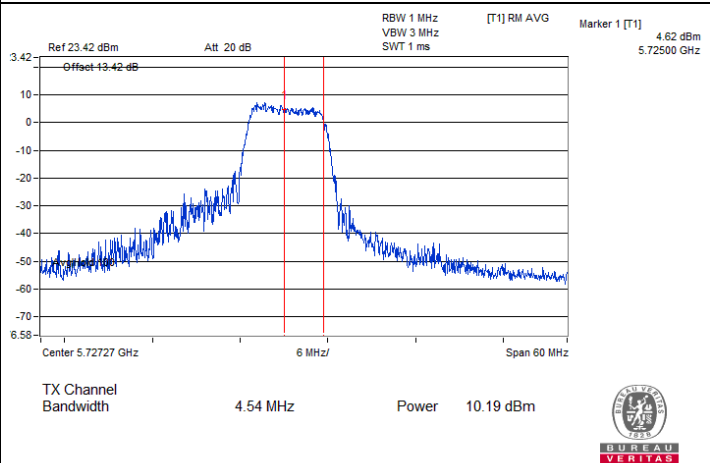
802.11be (EHT20) 52-tone RU / Chain 1 : CH 144 (U-NII-2C)



802.11be (EHT20) 52-tone RU / Chain 1 : CH 144 (U-NII-3)

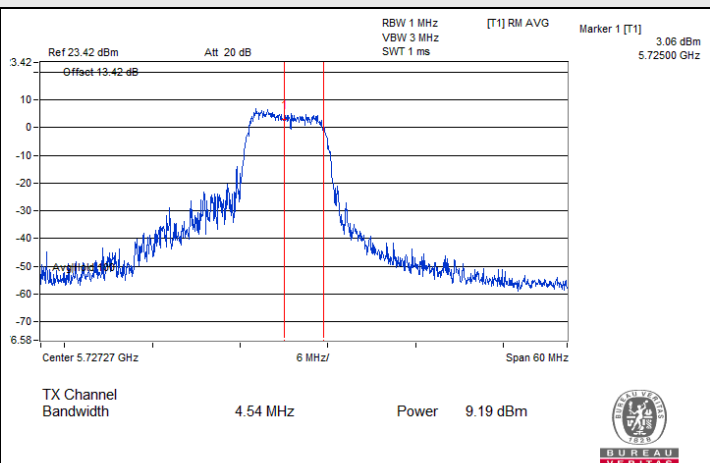
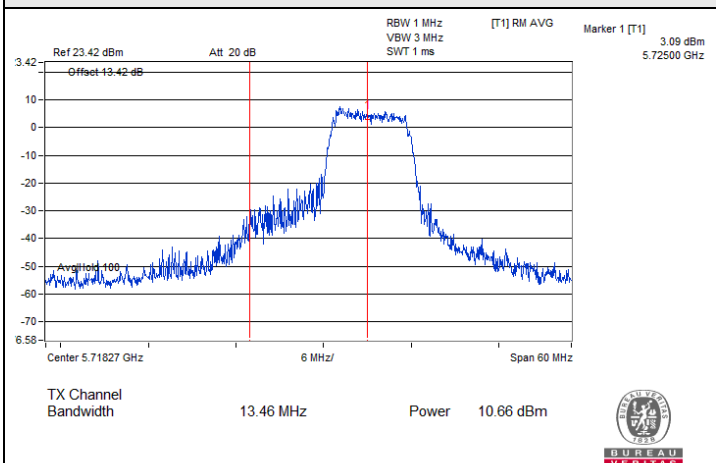


802.11be (EHT20) 106-tone RU / Chain 0 : CH 144 (U-NII-2C)



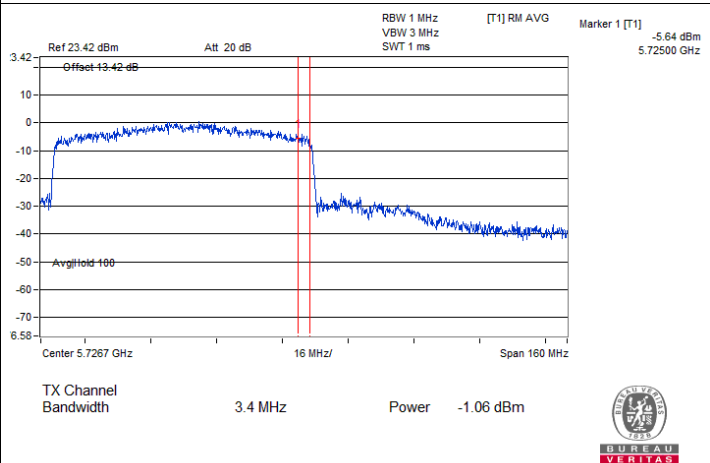
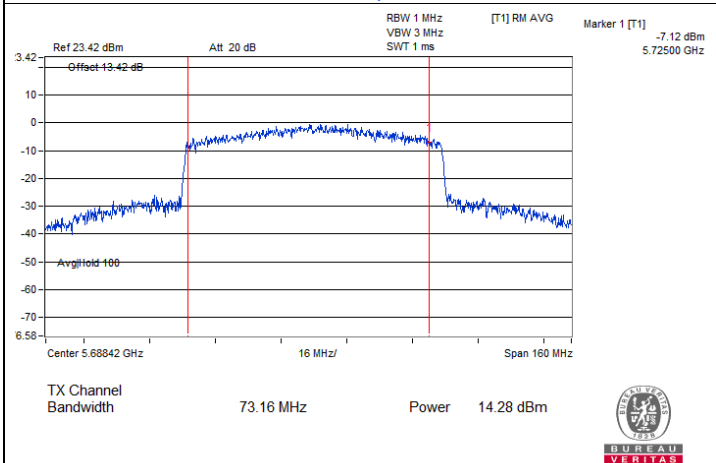
802.11be (EHT20) 106-tone RU / Chain 0 : CH 144 (U-NII-3)

Spectrum Plot for channel straddling



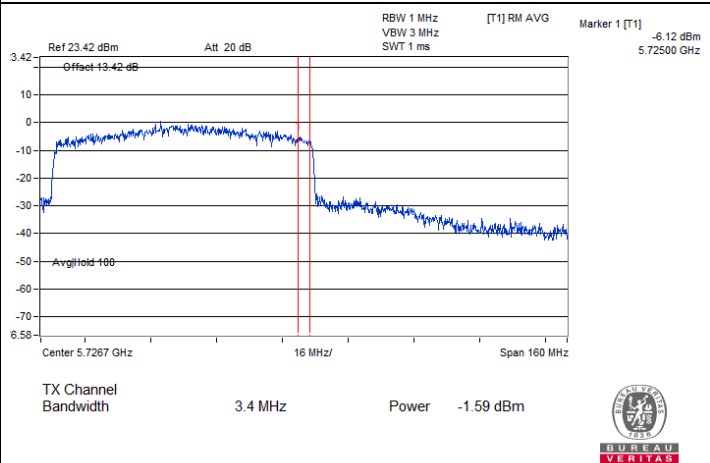
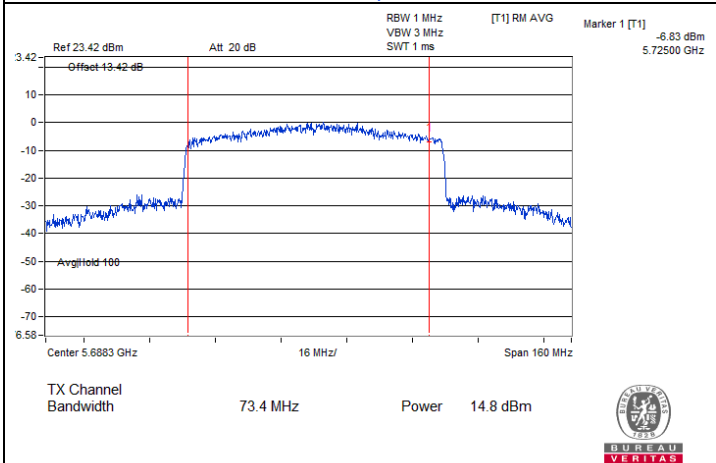
802.11be (EHT20) 106-tone RU / Chain 1 : CH 144 (U-NII-2C)

802.11be (EHT20) 106-tone RU / Chain 1 : CH 144 (U-NII-3)



802.11be (EHT80) 996-tone RU / Chain 0 : CH 138 (U-NII-2C)

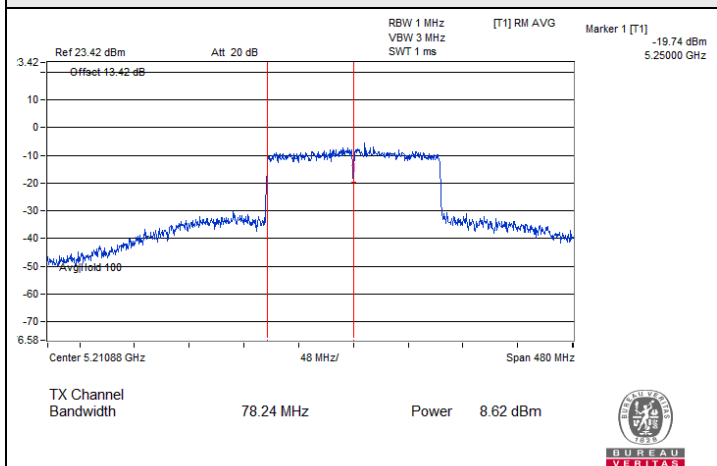
802.11be (EHT80) 996-tone RU / Chain 0 : CH 138 (U-NII-3)



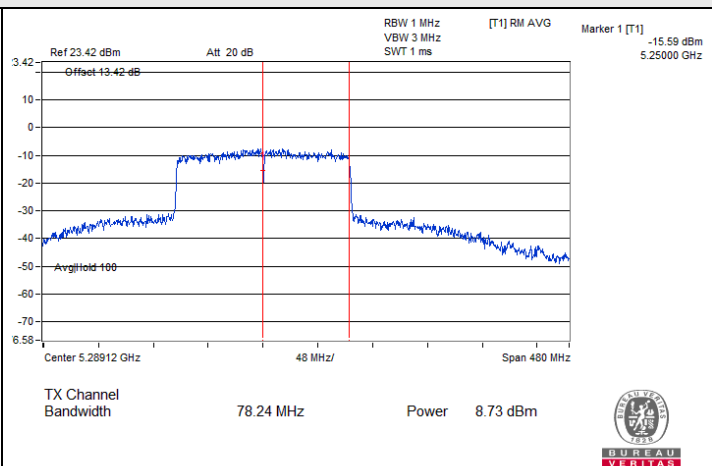
802.11be (EHT80) 996-tone RU / Chain 1 : CH 138 (U-NII-2C)

802.11be (EHT80) 996-tone RU / Chain 1 : CH 138 (U-NII-3)

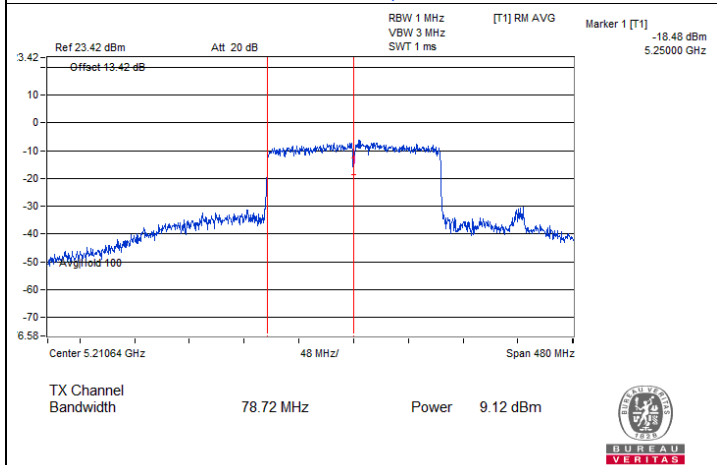
Spectrum Plot for channel straddling



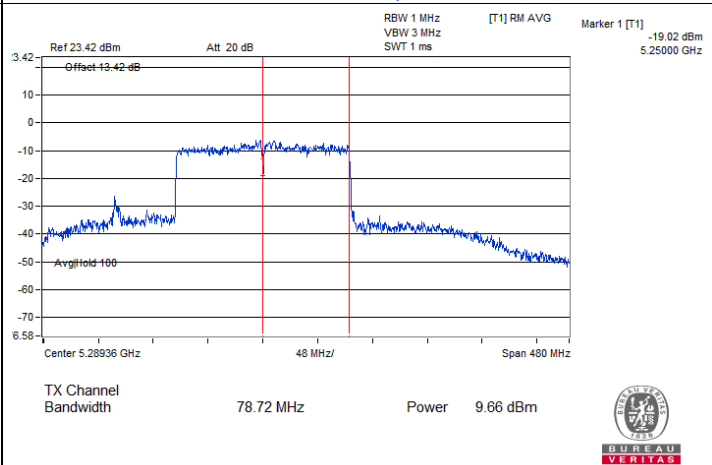
802.11be (EHT160) 2x996-tone RU / Chain 0 : CH 50 (U-NII-1)



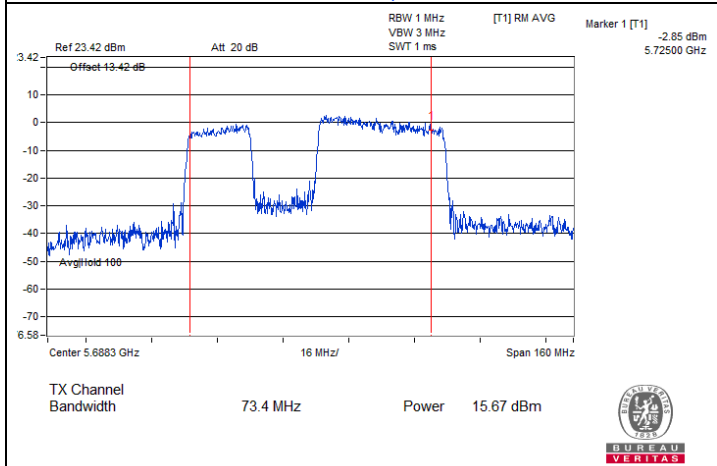
802.11be (EHT160) 2x996-tone RU / Chain 0 : CH 50 (U-NII-2A)



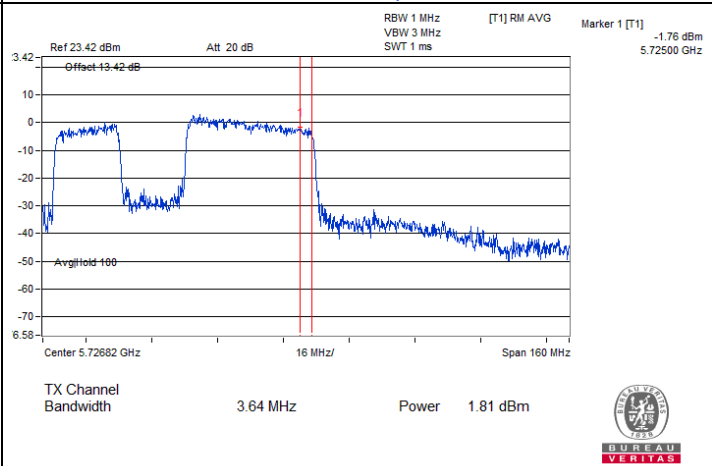
802.11be (EHT160) 2x996-tone RU / Chain 1 : CH 50 (U-NII-1)



802.11be (EHT160) 2x996-tone RU / Chain 1 : CH 50 (U-NII-2A)

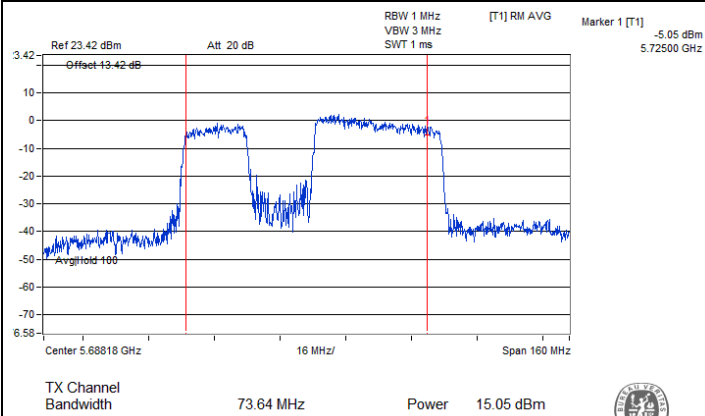


802.11be (EHT80) 484+242-tone MRU / Chain 0 : CH 138 (U-NII-2C)

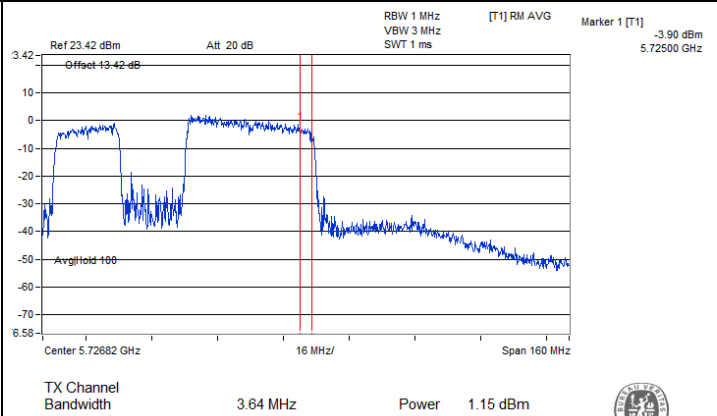


802.11be (EHT80) 484+242-tone MRU / Chain 0 : CH 138 (U-NII-3)

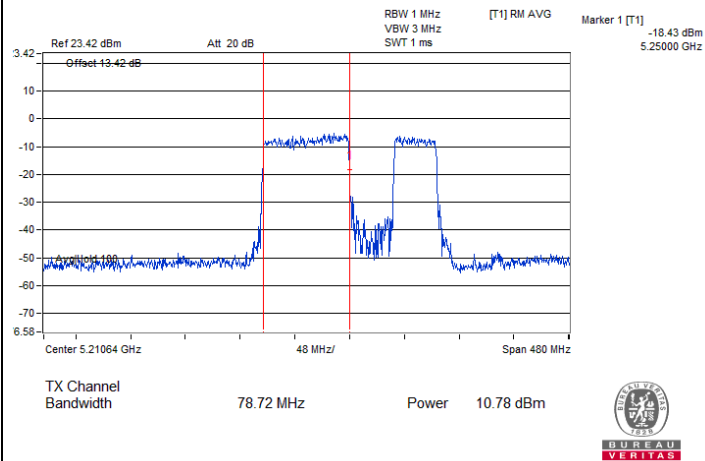
Spectrum Plot for channel straddling



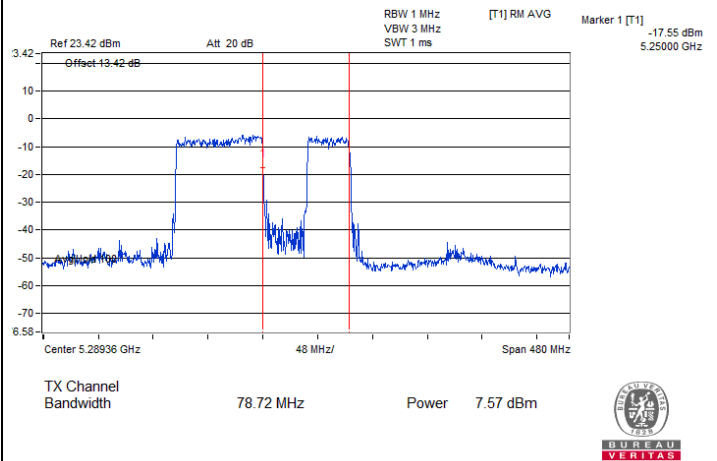
802.11be (EHT80) 484+242-tone MRU / Chain 1 : CH 138
(U-NII-2C)



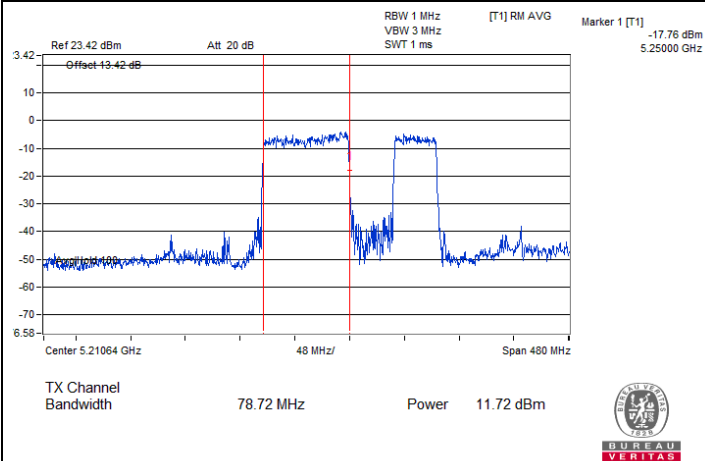
802.11be (EHT80) 484+242-tone MRU / Chain 1 : CH 138
(U-NII-3)



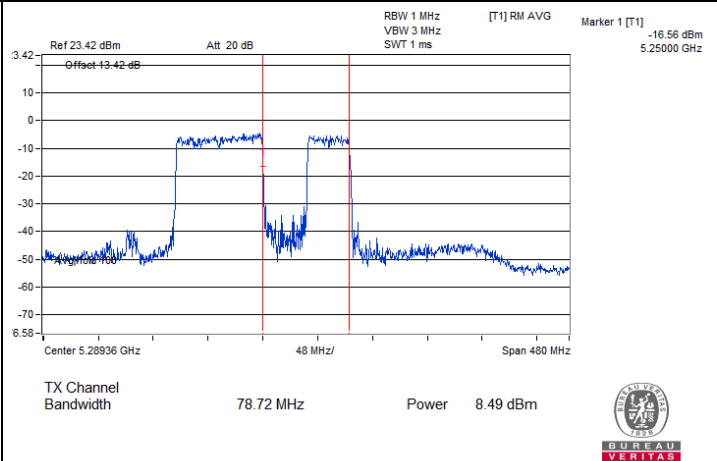
802.11be (EHT160) 996+484-tone MRU / Chain 0 : CH 50
(U-NII-1)



802.11be (EHT160) 996+484-tone MRU / Chain 0 : CH 50
(U-NII-2A)

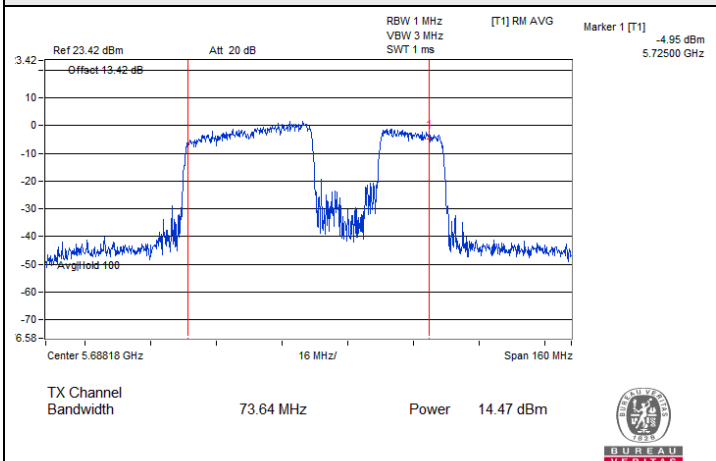


802.11be (EHT160) 996+484-tone MRU / Chain 1 : CH 50
(U-NII-1)

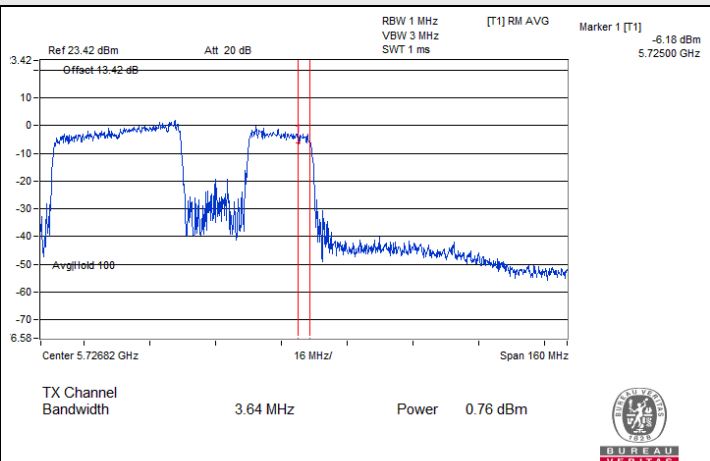


802.11be (EHT160) 996+484-tone MRU / Chain 1 : CH 50
(U-NII-2A)

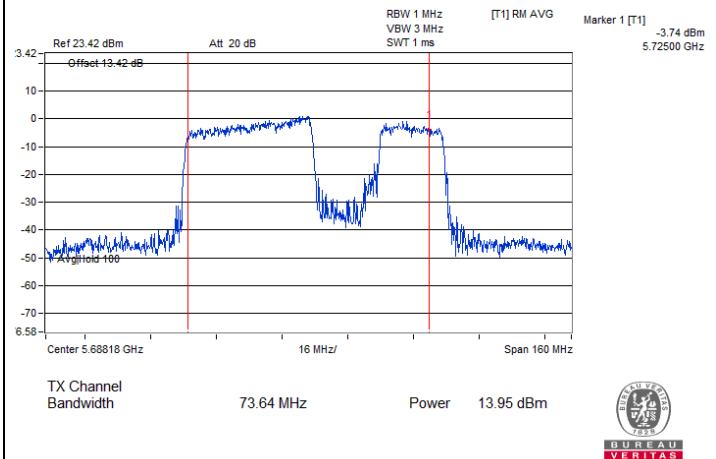
Spectrum Plot for channel straddling



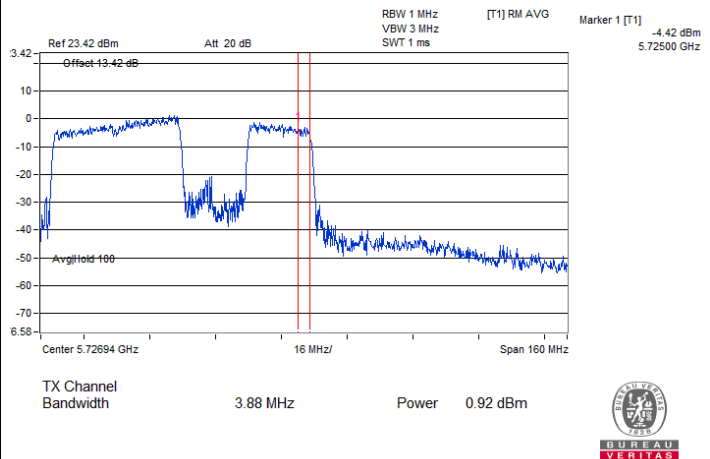
802.11be (EHT80) Punctured by 20 MHz / Chain 0 : CH 138 (U-NII-2C)



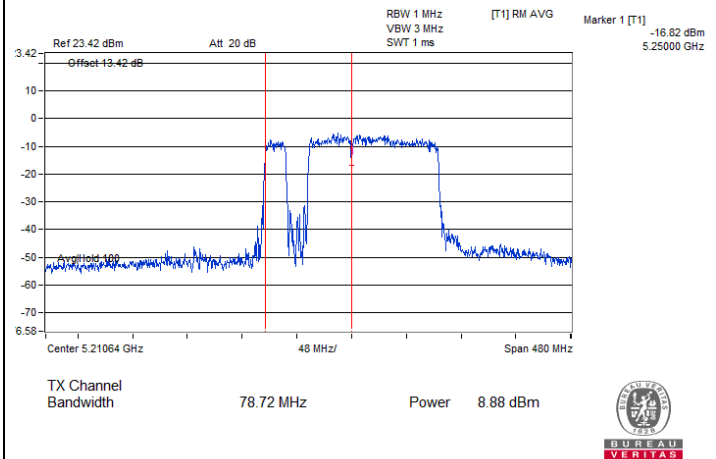
802.11be (EHT80) Punctured by 20 MHz / Chain 0 : CH 138 (U-NII-3)



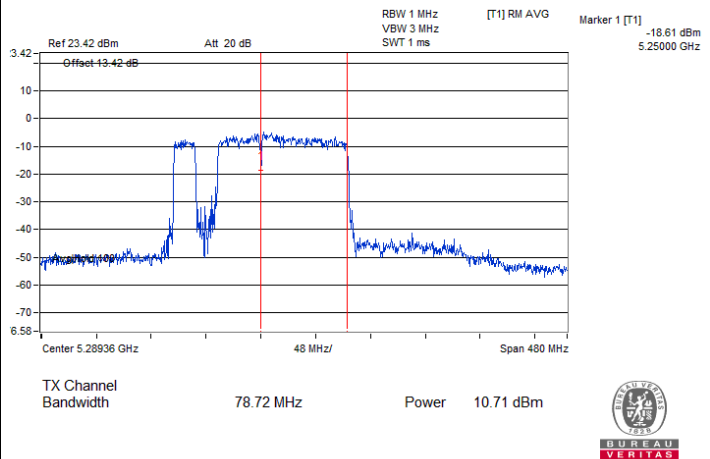
802.11be (EHT80) Punctured by 20 MHz / Chain 1 : CH 138 (U-NII-2C)



802.11be (EHT80) Punctured by 20 MHz / Chain 1 : CH 138 (U-NII-3)

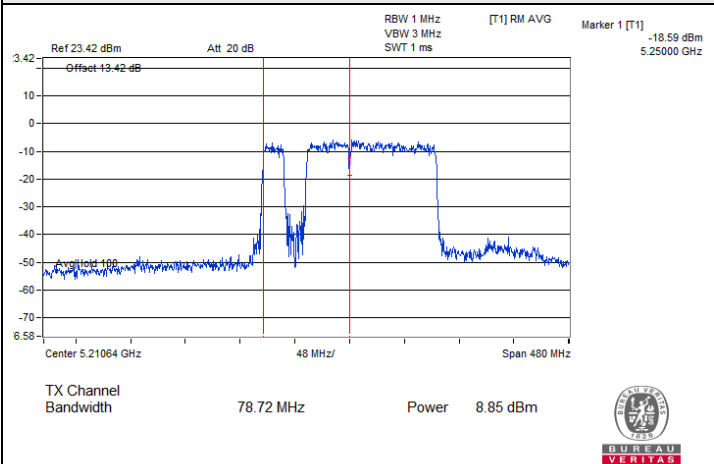


802.11be (EHT160) Punctured by 20 MHz / Chain 0 : CH 50 (U-NII-1)

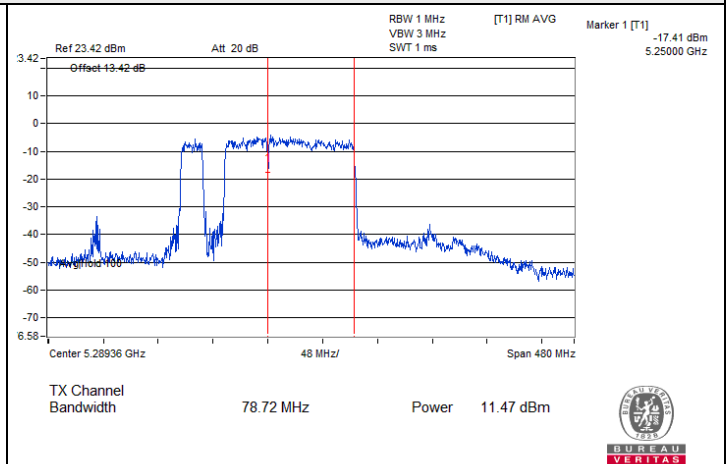


802.11be (EHT160) Punctured by 20 MHz / Chain 0 : CH 50 (U-NII-2A)

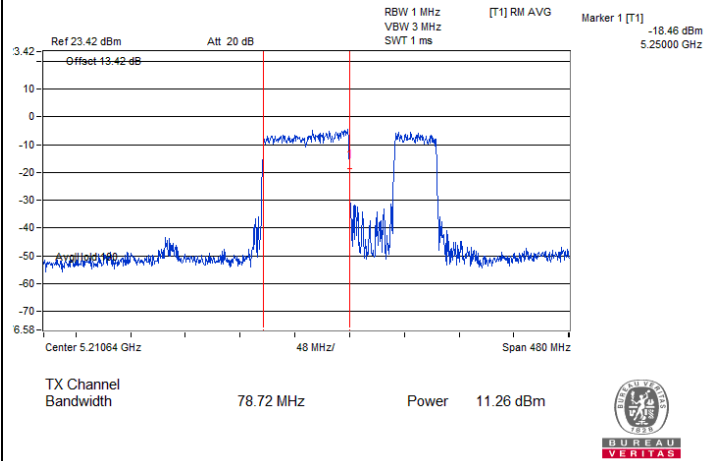
Spectrum Plot for channel straddling



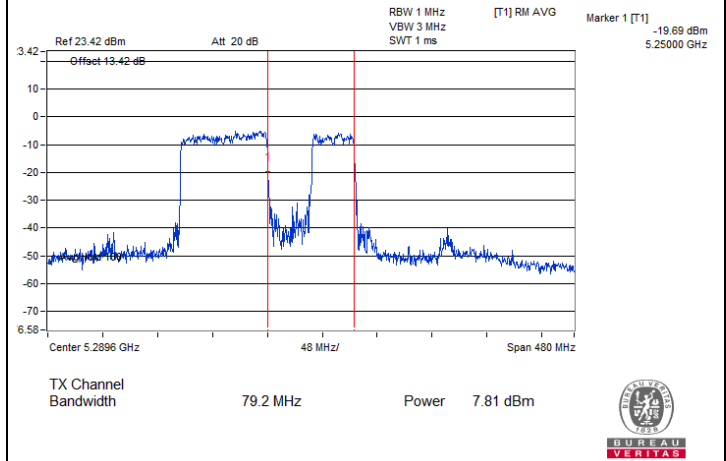
802.11be (EHT160) Punctured by 20 MHz / Chain 1 : CH 50 (U-NII-1)



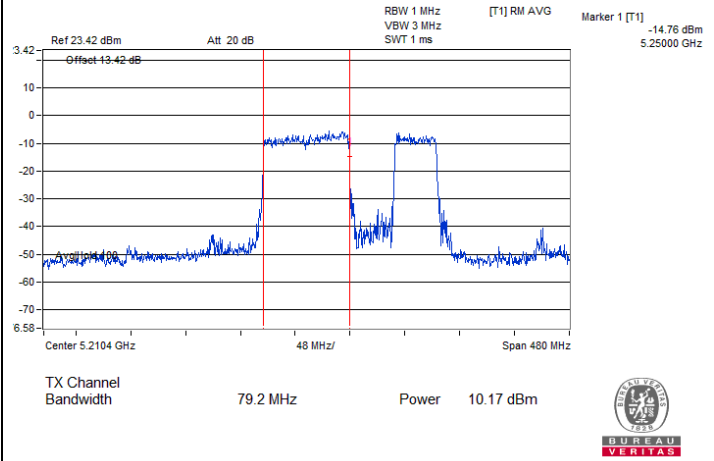
802.11be (EHT160) Punctured by 20 MHz / Chain 1 : CH 50 (U-NII-2A)



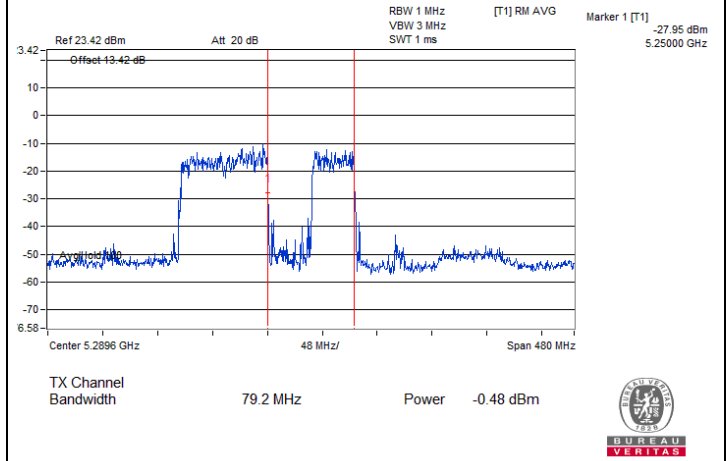
802.11be (EHT160) Punctured by 40 MHz / Chain 0 : CH 50 (U-NII-1)



802.11be (EHT160) Punctured by 40 MHz / Chain 0 : CH 50 (U-NII-2A)



802.11be (EHT160) Punctured by 40 MHz / Chain 1 : CH 50 (U-NII-1)



802.11be (EHT160) Punctured by 40 MHz / Chain 1 : CH 50 (U-NII-2A)

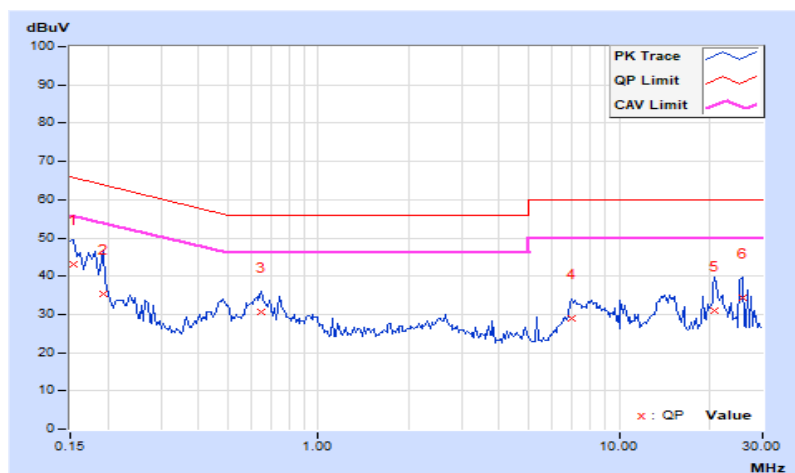
7.2 AC Power Conducted Emissions

RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 63% RH
Tested By	Louis Yang		

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	0.15391	9.96	33.11	20.62	43.07	30.58	65.79	55.79	-22.72	-25.21
2	0.19297	9.99	25.28	13.30	35.27	23.29	63.91	53.91	-28.64	-30.62
3	0.65000	10.01	20.47	9.61	30.48	19.62	56.00	46.00	-25.52	-26.38
4	6.97656	10.32	18.50	12.67	28.82	22.99	60.00	50.00	-31.18	-27.01
5	20.76563	10.93	19.92	13.61	30.85	24.54	60.00	50.00	-29.15	-25.46
6	25.87500	11.04	23.44	21.64	34.48	32.68	60.00	50.00	-25.52	-17.32

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

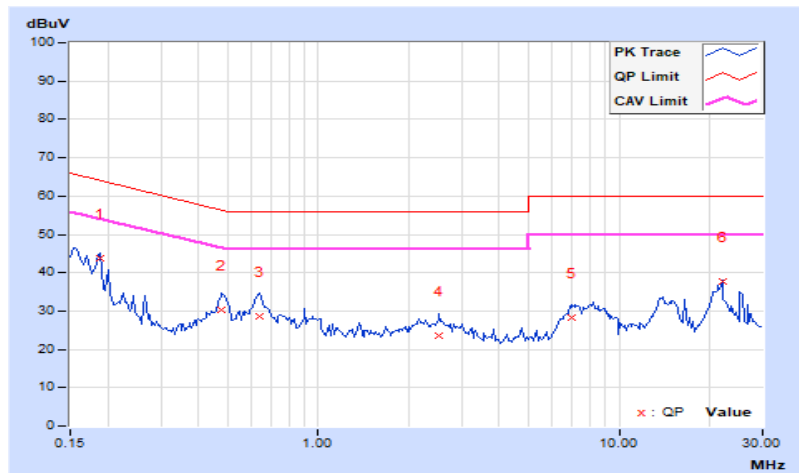


RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 63% RH
Tested By	Louis Yang		

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	0.18906	10.02	33.76	14.49	43.78	24.51	64.08	54.08	-20.30	-29.57
2	0.47813	10.01	20.14	9.94	30.15	19.95	56.37	46.37	-26.22	-26.42
3	0.64219	10.02	18.54	7.50	28.56	17.52	56.00	46.00	-27.44	-28.48
4	2.53125	10.12	13.46	7.63	23.58	17.75	56.00	46.00	-32.42	-28.25
5	6.94531	10.29	17.98	11.46	28.27	21.75	60.00	50.00	-31.73	-28.25
6	22.09766	10.81	27.00	25.31	37.81	36.12	60.00	50.00	-22.19	-13.88

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



7.3 Unwanted Emissions below 1 GHz

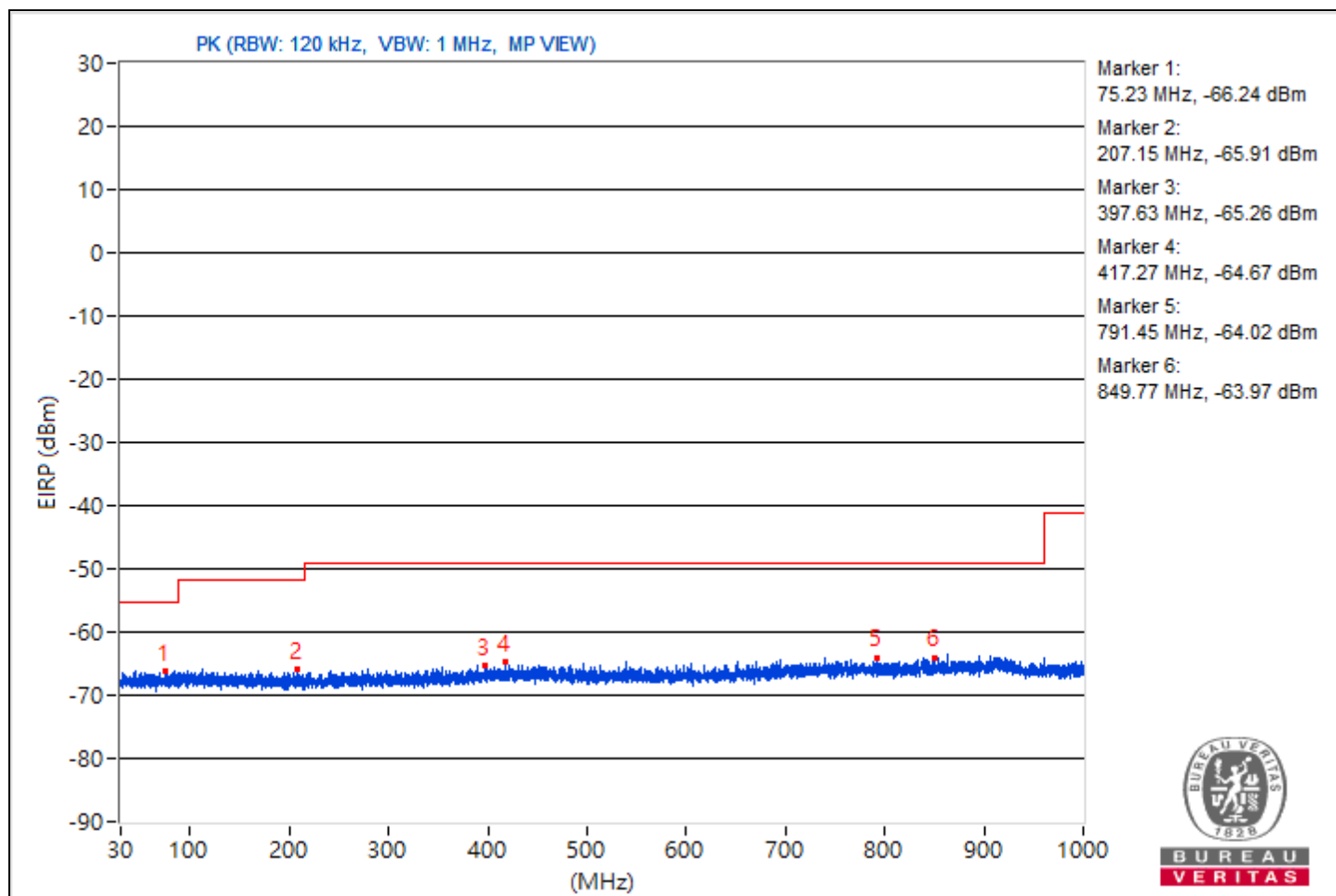
Mode A

RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	30 MHz ~ 1 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	75.23	29.02 PK	40	-10.98	-80.65	-84.36	12.87	-66.24
2	207.15	29.35 PK	43.5	-14.15	-82.99	-80.85	12.87	-65.91
3	397.63	30 PK	46	-16	-83.51	-79.62	12.87	-65.26
4	417.27	30.59 PK	46	-15.41	-82.22	-79.35	12.87	-64.67
5	791.45	31.24 PK	46	-14.76	-79.43	-80.42	12.87	-64.02
6	849.77	31.29 PK	46	-14.71	-81.23	-78.81	12.87	-63.97

Notes:

1. Margin value = Emission Level - Limit value
2. 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.



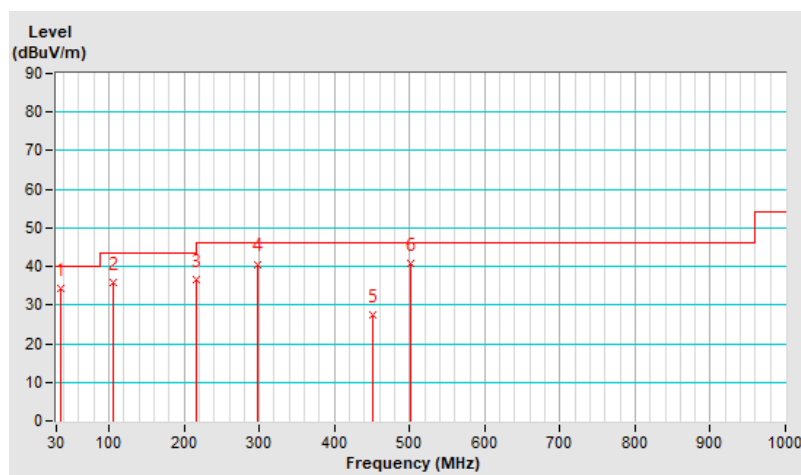
Mode B

RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	24 °C, 72% RH
Tested By	Louis Yang		

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	35.50	34.2 QP	40.0	-5.8	1.98 H	299	47.3	-13.1
2	105.20	35.9 QP	43.5	-7.6	2.14 H	330	51.8	-15.9
3	217.00	36.6 QP	46.0	-9.4	1.65 H	153	52.7	-16.1
4	297.60	40.6 QP	46.0	-5.4	1.42 H	174	52.6	-12.0
5	451.50	27.5 QP	46.0	-18.5	3.12 H	357	35.4	-7.9
6	500.90	40.9 QP	46.0	-5.1	1.68 H	170	47.9	-7.0

Remarks:

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

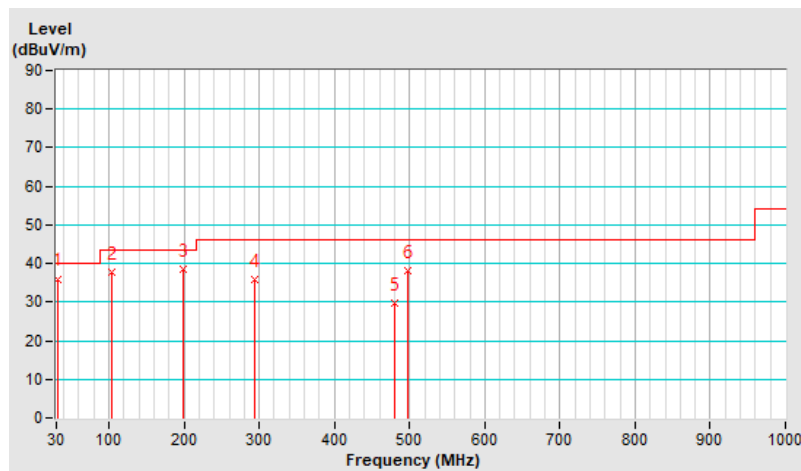


RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	24 °C, 72% RH
Tested By	Louis Yang		

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	32.50	36.0 QP	40.0	-4.0	2.89 V	282	49.2	-13.2
2	103.60	37.7 QP	43.5	-5.8	2.12 V	360	53.8	-16.1
3	199.00	38.5 QP	43.5	-5.0	1.59 V	161	54.2	-15.7
4	293.30	35.9 QP	46.0	-10.1	1.00 V	182	48.1	-12.2
5	480.10	29.7 QP	46.0	-16.3	2.06 V	160	37.0	-7.3
6	497.30	38.2 QP	46.0	-7.8	1.61 V	291	45.2	-7.0

Remarks:

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



7.4 Unwanted Emissions above 1 GHz

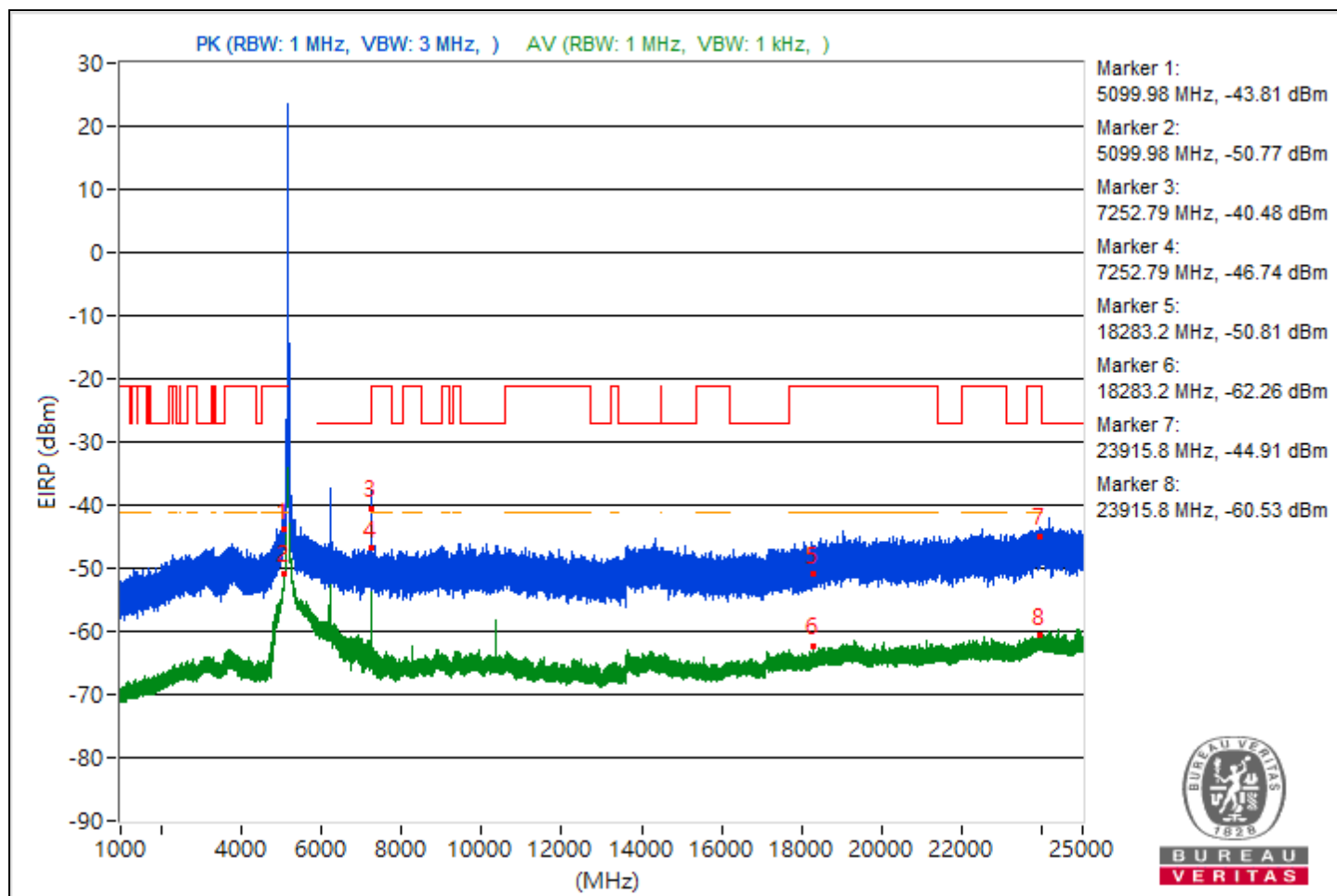
Mode A

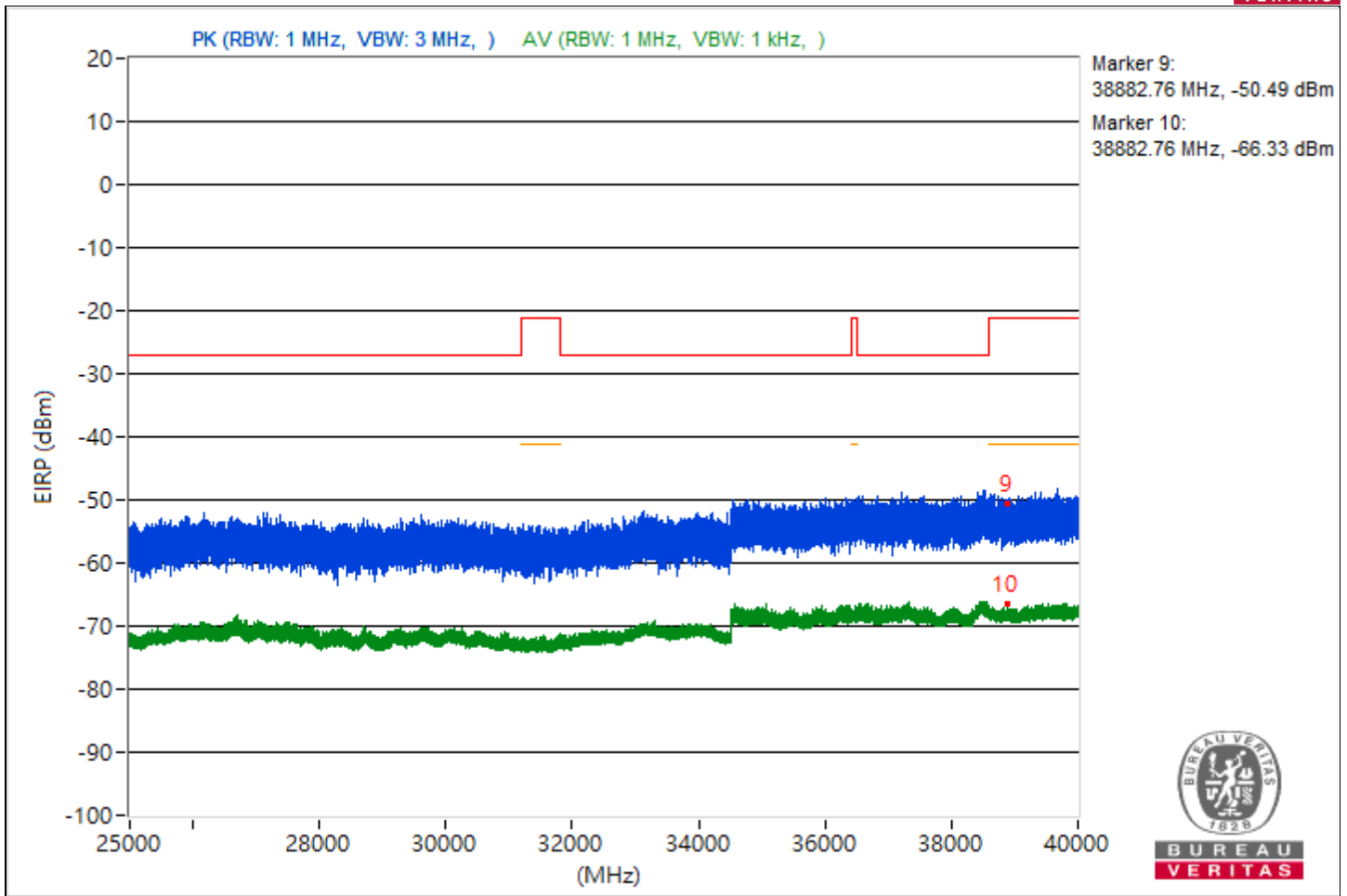
Conducted Unwanted Emissions

RF Mode	802.11be (EHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Kevin Ko		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5099.98	51.45 PK	74	-22.55	-54.42	-55.65	8.17	-43.81
2	5099.98	44.49 AV	54	-9.51	-61.17	-62.91	8.17	-50.77
3	7252.79	54.78 PK	74	-19.22	-49.29	-57.29	8.17	-40.48
4	7252.79	48.52 AV	54	-5.48	-55.65	-63	8.17	-46.74
5	18283.2	44.45 PK	74	-29.55	-62.5	-61.54	8.17	-50.81
6	18283.2	33 AV	54	-21	-75.39	-72.1	8.17	-62.26
7	23915.8	50.35 PK	74	-23.65	-56.97	-55.35	8.17	-44.91
8	23915.8	34.73 AV	54	-19.27	-70.3	-73.82	8.17	-60.53
9	38882.76	44.77 PK	74	-29.23	-59.97	-64.52	8.17	-50.49
10	38882.76	28.93 AV	54	-25.07	-79.77	-76.03	8.17	-66.33

Note: Margin value = Emission Level - Limit value

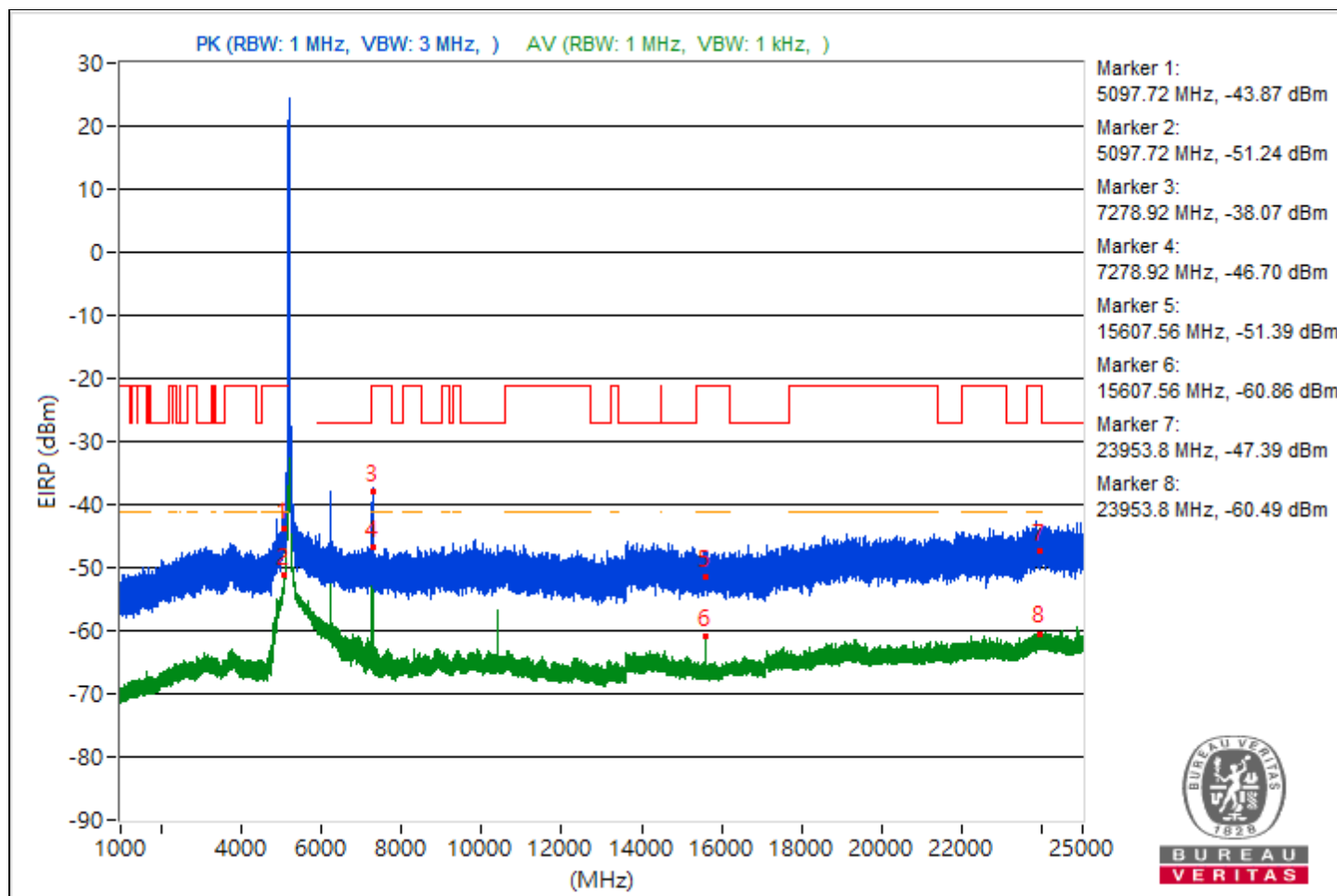


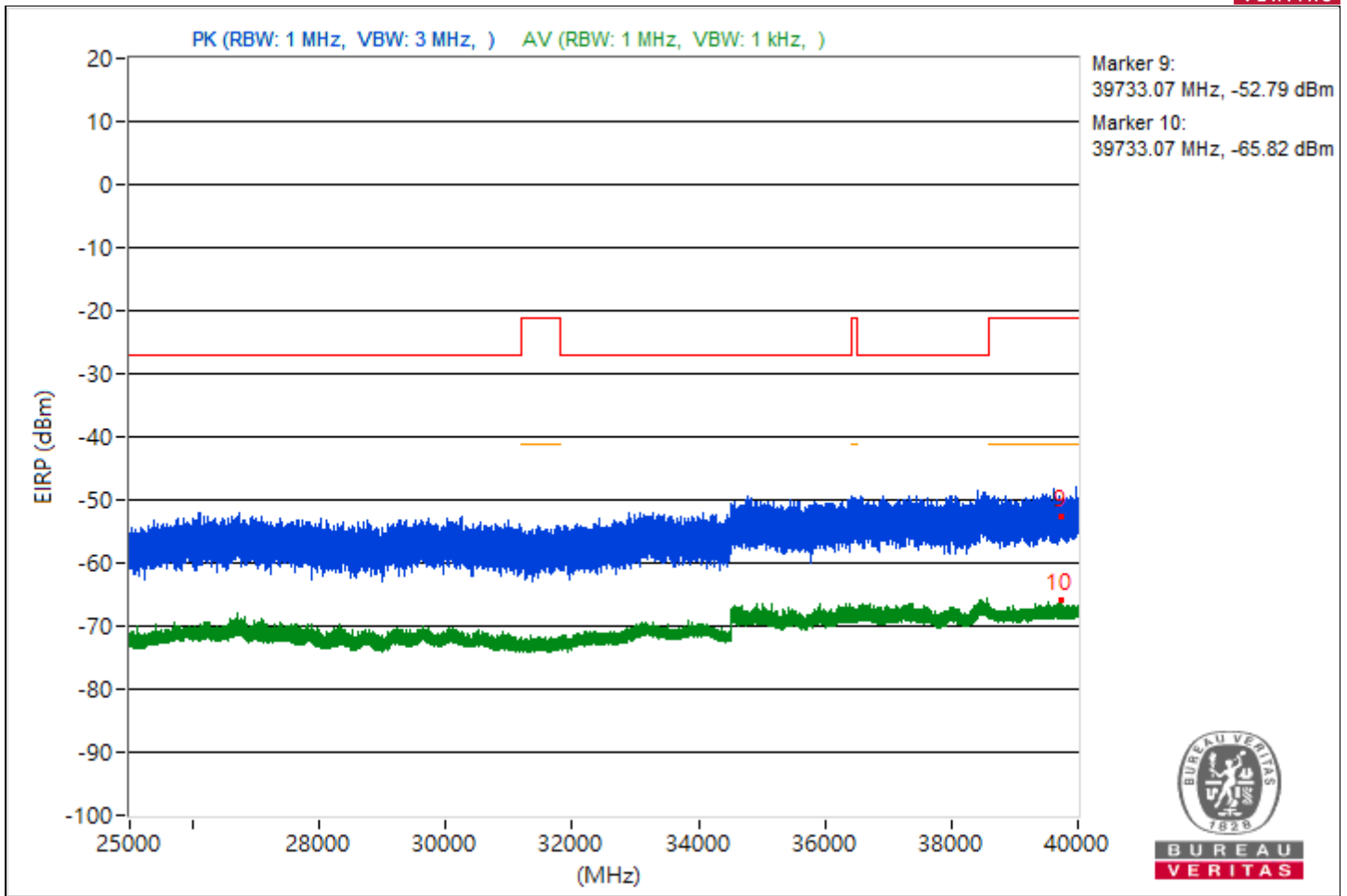


RF Mode	802.11be (EHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5097.72	51.39 PK	74	-22.61	-53.97	-56.49	8.17	-43.87
2	5097.72	44.02 AV	54	-9.98	-62.87	-62.02	8.17	-51.24
3	7278.92	57.19 PK	74	-16.81	-47	-54.21	8.17	-38.07
4	7278.92	48.56 AV	54	-5.44	-55.71	-62.4	8.17	-46.7
5	15607.56	43.87 PK	74	-30.13	-64.62	-61.18	8.17	-51.39
6	15607.56	34.4 AV	54	-19.6	-76.77	-69.83	8.17	-60.86
7	23953.8	47.87 PK	74	-26.13	-57.72	-59.63	8.17	-47.39
8	23953.8	34.77 AV	54	-19.23	-73.24	-70.52	8.17	-60.49
9	39733.07	42.47 PK	74	-31.53	-64.38	-63.59	8.17	-52.79
10	39733.07	29.44 AV	54	-24.56	-76.06	-78.19	8.17	-65.82

Note: Margin value = Emission Level - Limit value

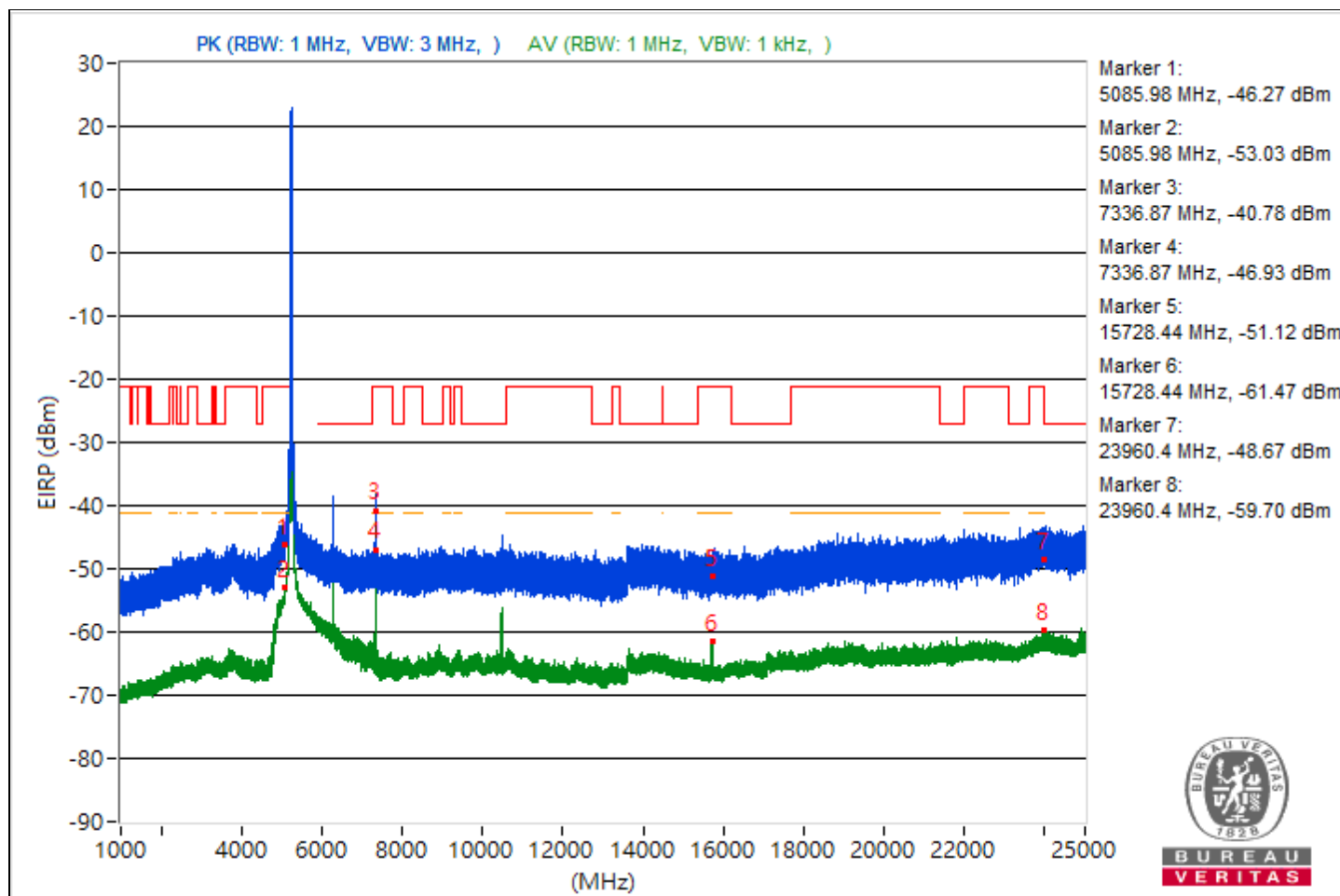


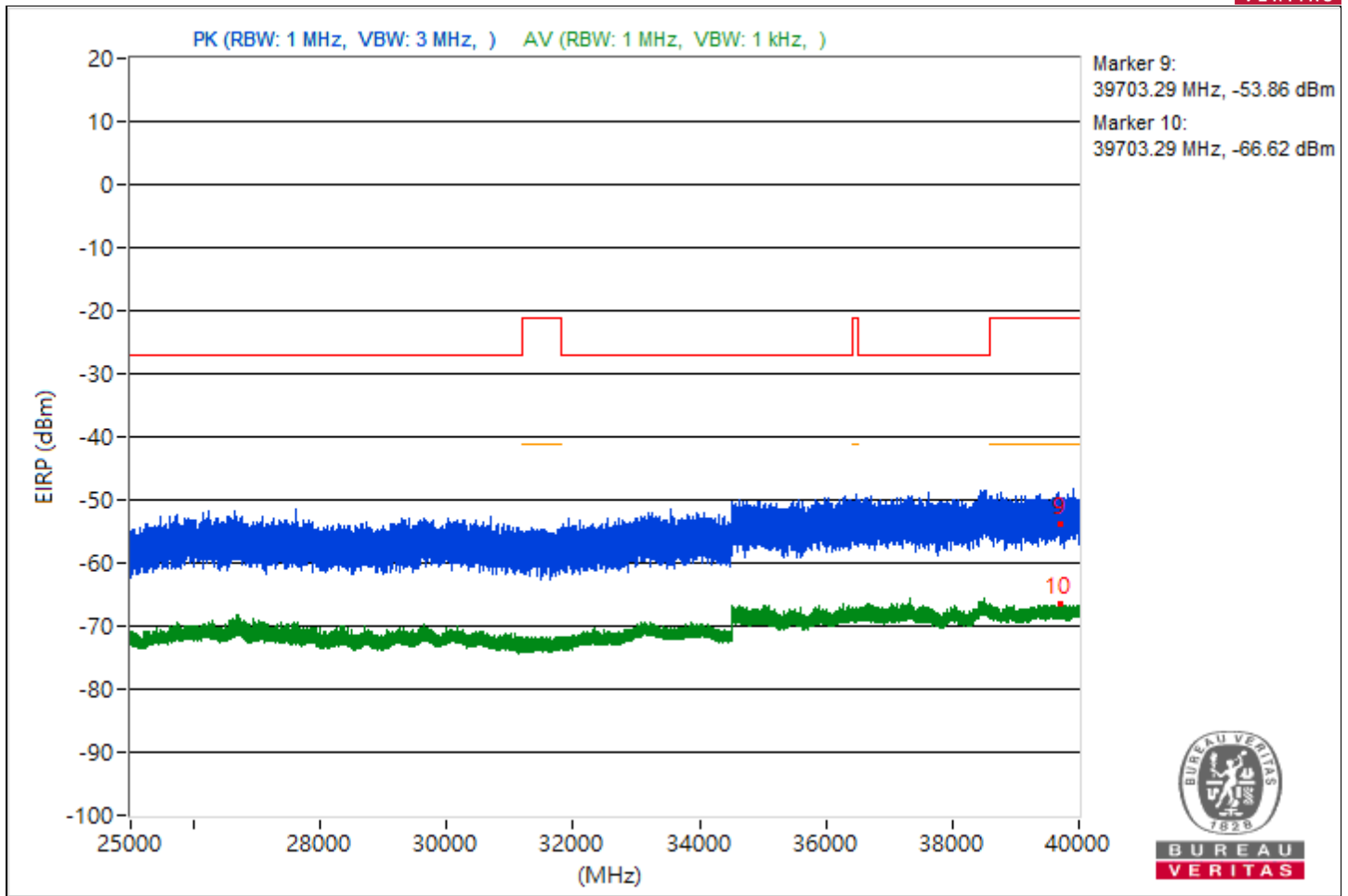


RF Mode	802.11be (EHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5085.98	48.99 PK	74	-25.01	-58.29	-56.75	8.17	-46.27
2	5085.98	42.23 AV	54	-11.77	-63.98	-64.45	8.17	-53.03
3	7336.87	54.48 PK	74	-19.52	-50	-55.63	8.17	-40.78
4	7336.87	48.33 AV	54	-5.67	-56.15	-61.77	8.17	-46.93
5	15728.44	44.14 PK	74	-29.86	-62.11	-62.49	8.17	-51.12
6	15728.44	33.79 AV	54	-20.21	-76.89	-70.55	8.17	-61.47
7	23960.4	46.59 PK	74	-27.41	-58.64	-61.53	8.17	-48.67
8	23960.4	35.56 AV	54	-18.44	-72.62	-69.64	8.17	-59.7
9	39703.29	41.4 PK	74	-32.6	-65.5	-64.63	8.17	-53.86
10	39703.29	28.64 AV	54	-25.36	-79.09	-76.8	8.17	-66.62

Note: Margin value = Emission Level - Limit value

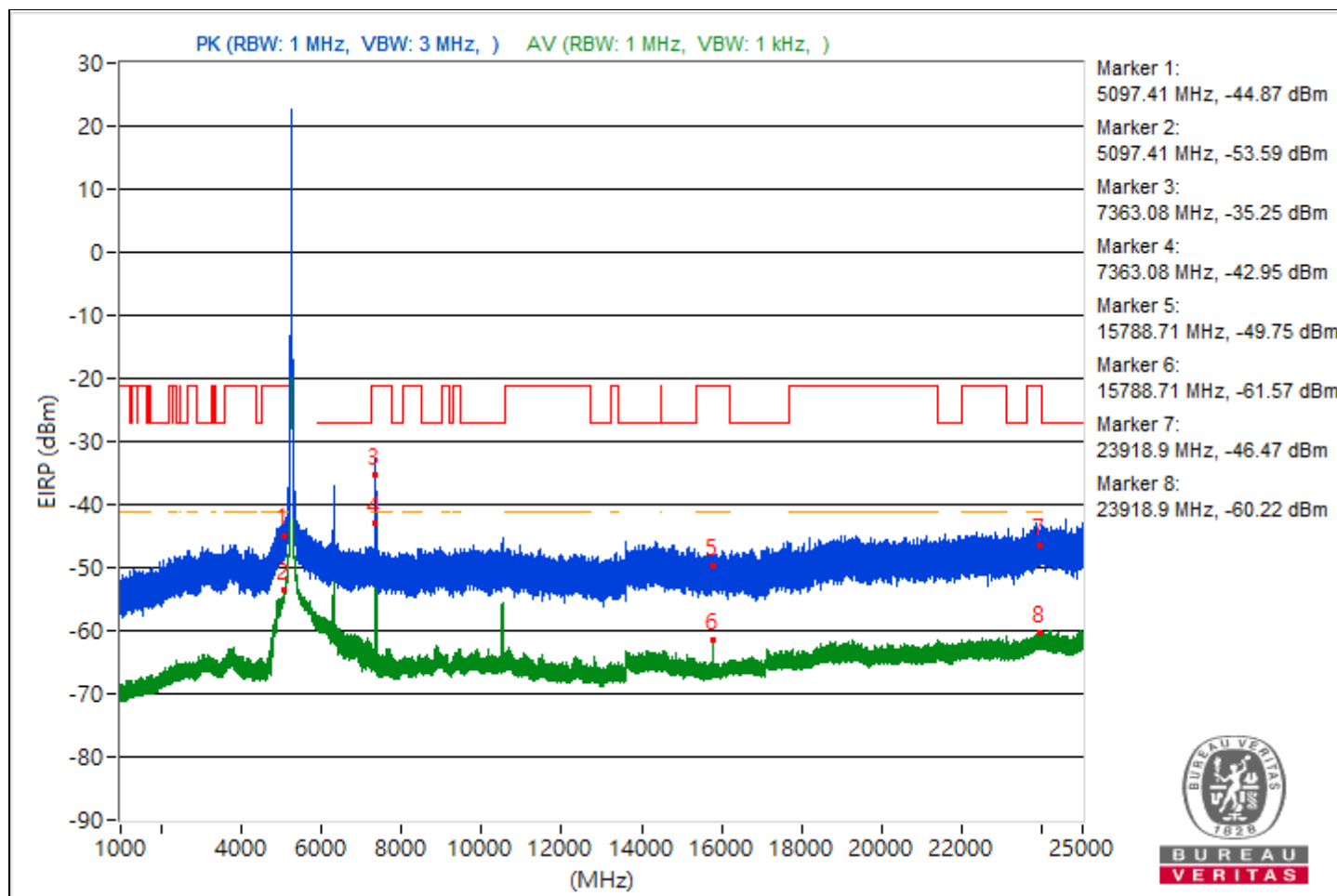


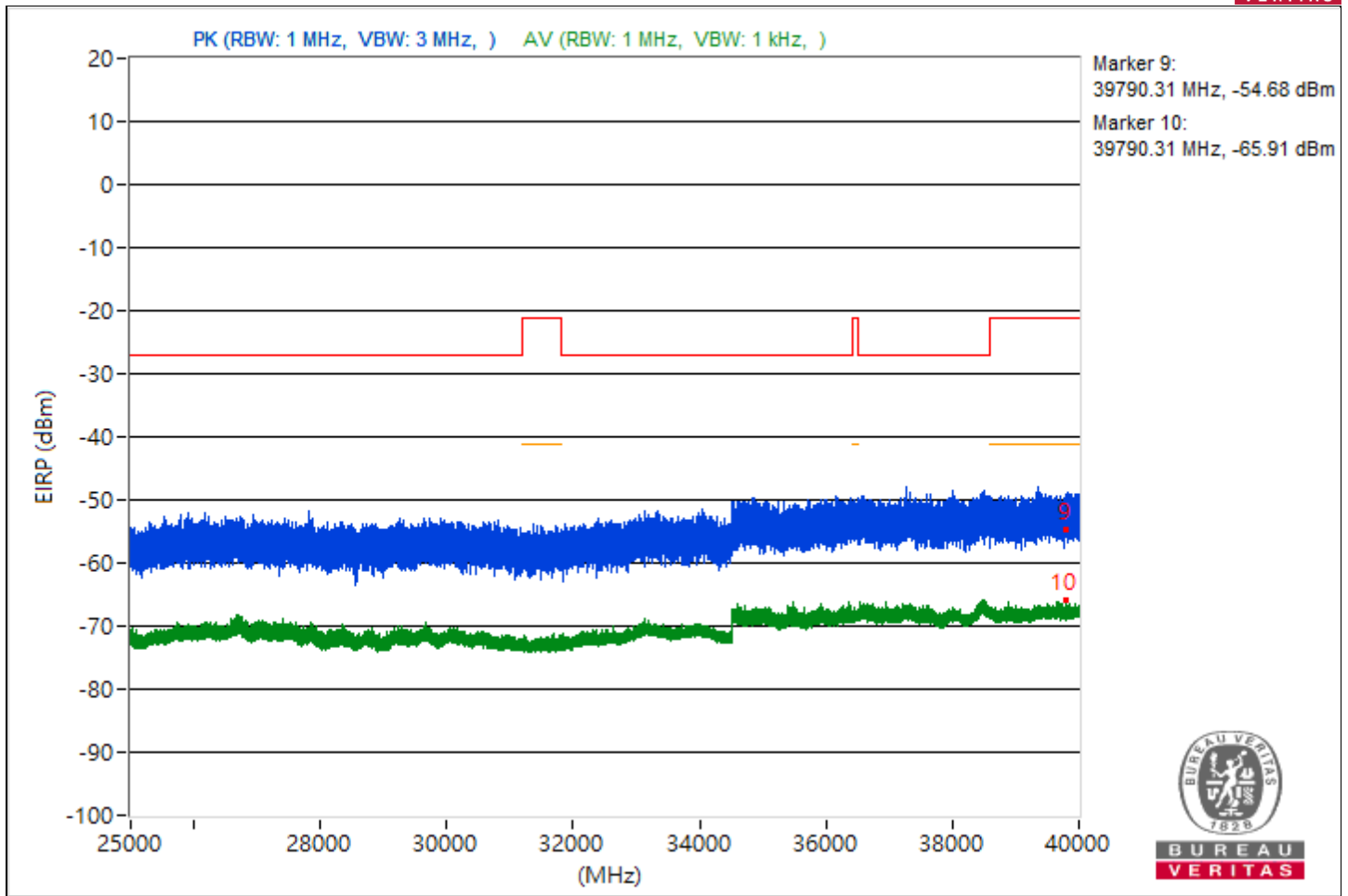


RF Mode	802.11be (EHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5097.41	50.39 PK	74	-23.61	-57.27	-55.09	8.17	-44.87
2	5097.41	41.67 AV	54	-12.33	-65.66	-64.02	8.17	-53.59
3	7363.08	60.01 PK	74	-13.99	-44.2	-51.25	8.17	-35.25
4	7363.08	52.31 AV	54	-1.69	-51.86	-59.17	8.17	-42.95
5	15788.71	45.51 PK	74	-28.49	-60.48	-61.44	8.17	-49.75
6	15788.71	33.69 AV	54	-20.31	-76.63	-70.73	8.17	-61.57
7	23918.9	48.79 PK	74	-25.21	-58.84	-56.72	8.17	-46.47
8	23918.9	35.04 AV	54	-18.96	-73.7	-69.9	8.17	-60.22
9	39790.31	40.58 PK	74	-33.42	-66.01	-65.71	8.17	-54.68
10	39790.31	29.35 AV	54	-24.65	-79.19	-75.68	8.17	-65.91

Note: Margin value = Emission Level - Limit value

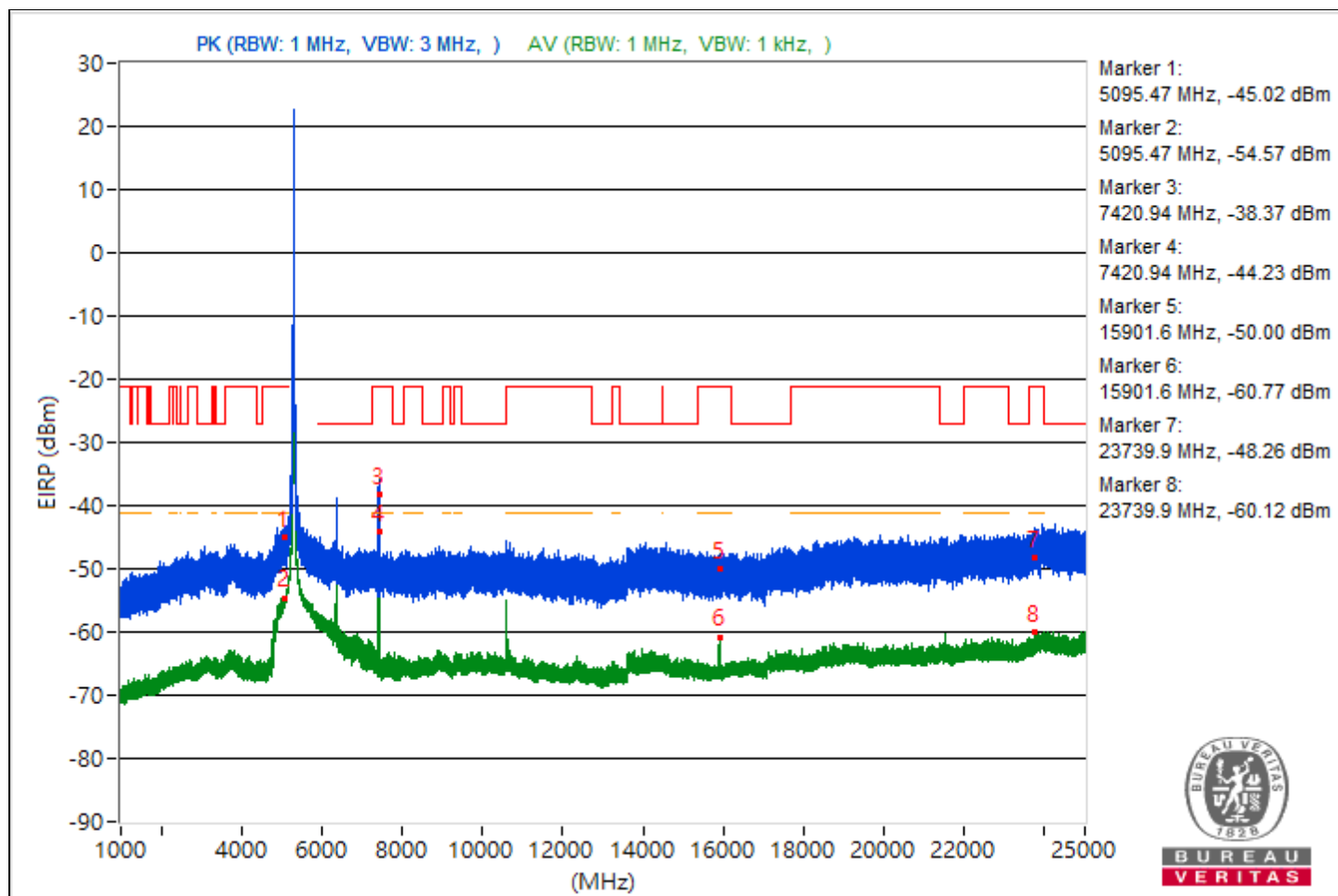


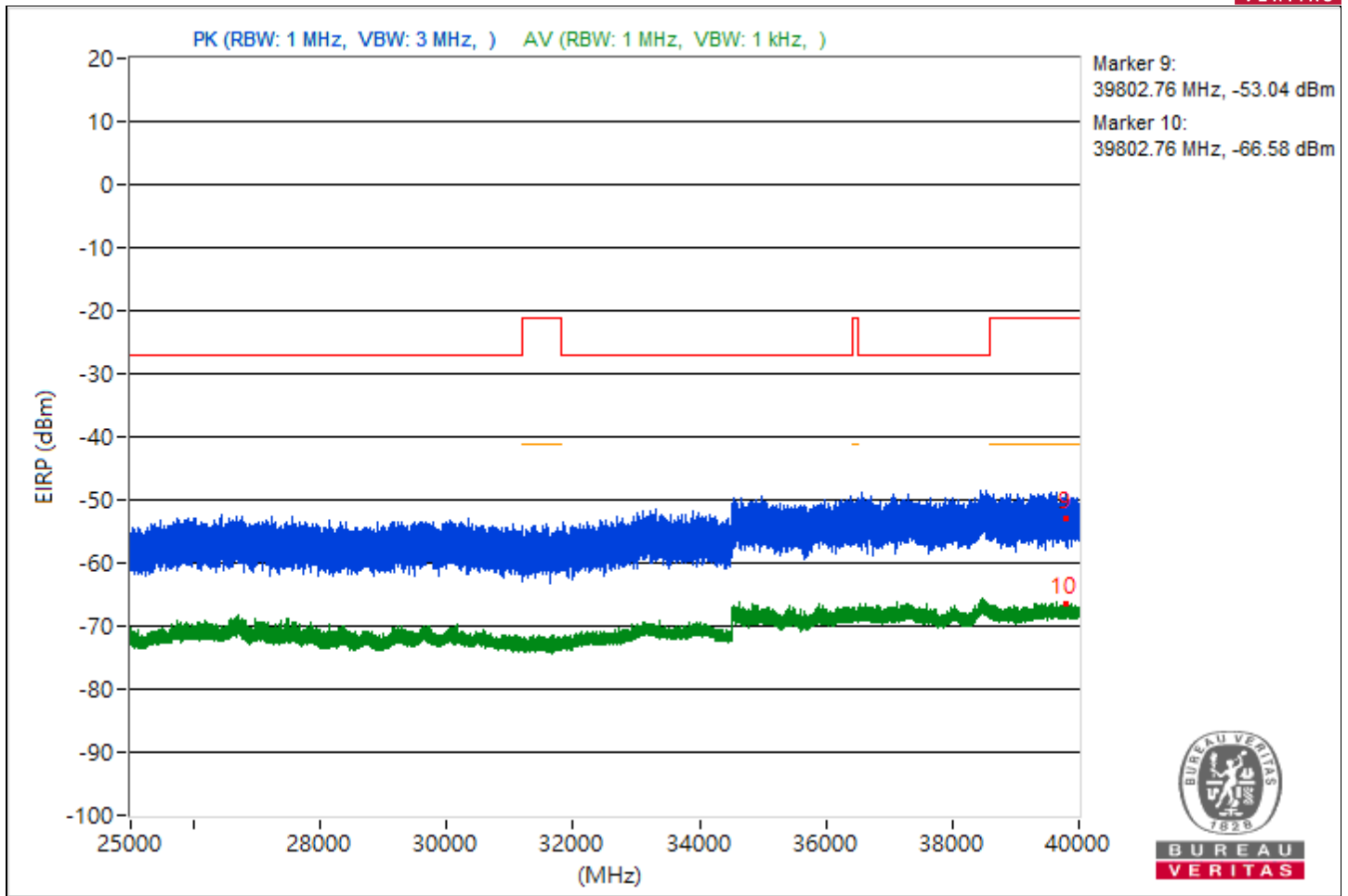


RF Mode	802.11be (EHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5095.47	50.24 PK	74	-23.76	-59.58	-54.32	8.17	-45.02
2	5095.47	40.69 AV	54	-13.31	-65.91	-65.6	8.17	-54.57
3	7420.94	56.89 PK	74	-17.11	-47.42	-53.91	8.17	-38.37
4	7420.94	51.03 AV	54	-2.97	-53.12	-60.54	8.17	-44.23
5	15901.6	45.26 PK	74	-28.74	-59.66	-63.52	8.17	-50
6	15901.6	34.49 AV	54	-19.51	-70.32	-74.59	8.17	-60.77
7	23739.9	47 PK	74	-27	-59.63	-59.26	8.17	-48.26
8	23739.9	35.14 AV	54	-18.86	-74.07	-69.62	8.17	-60.12
9	39802.76	42.22 PK	74	-31.78	-63.1	-65.73	8.17	-53.04
10	39802.76	28.68 AV	54	-25.32	-80.11	-76.24	8.17	-66.58

Note: Margin value = Emission Level - Limit value

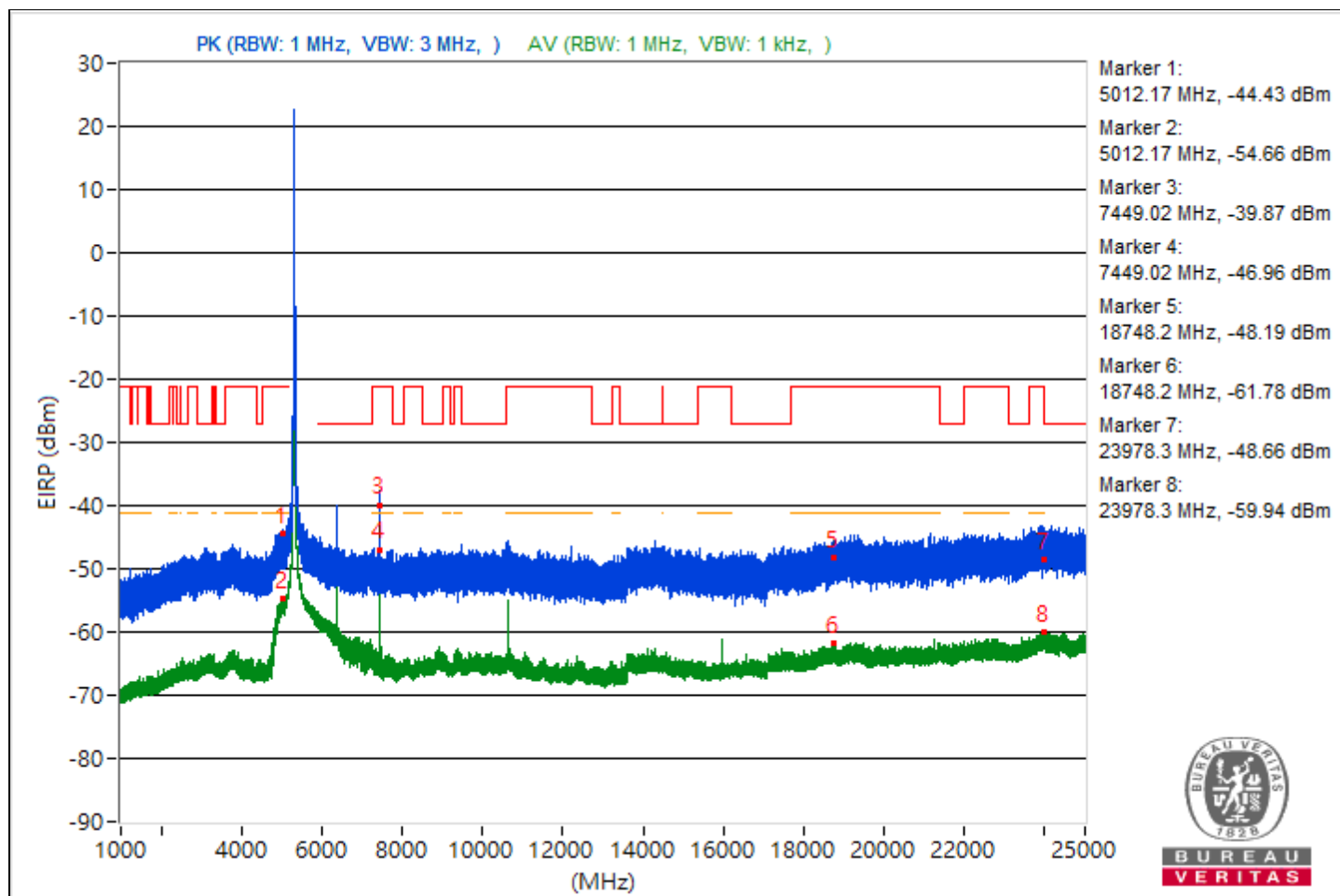


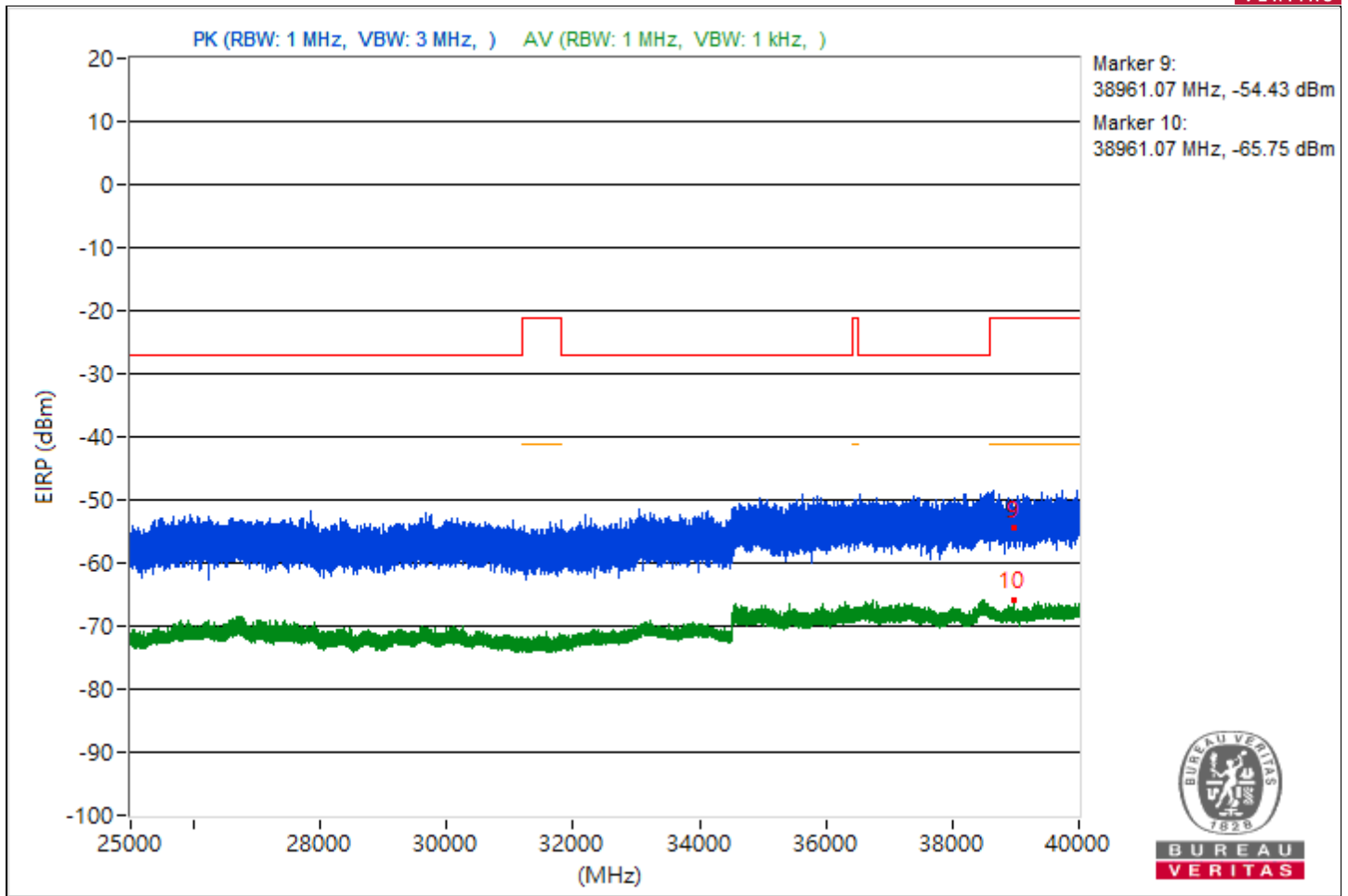


RF Mode	802.11be (EHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5012.17	50.83 PK	74	-23.17	-59.09	-53.71	8.17	-44.43
2	5012.17	40.6 AV	54	-13.4	-67.93	-64.43	8.17	-54.66
3	7449.02	55.39 PK	74	-18.61	-49.17	-54.43	8.17	-39.87
4	7449.02	48.3 AV	54	-5.7	-56.2	-61.74	8.17	-46.96
5	18748.2	47.07 PK	74	-26.93	-58.25	-60.88	8.17	-48.19
6	18748.2	33.48 AV	54	-20.52	-75.34	-71.43	8.17	-61.78
7	23978.3	46.6 PK	74	-27.4	-59.18	-60.62	8.17	-48.66
8	23978.3	35.32 AV	54	-18.68	-72.52	-70.06	8.17	-59.94
9	38961.07	40.83 PK	74	-33.17	-65.8	-65.42	8.17	-54.43
10	38961.07	29.51 AV	54	-24.49	-80.08	-75.12	8.17	-65.75

Note: Margin value = Emission Level - Limit value

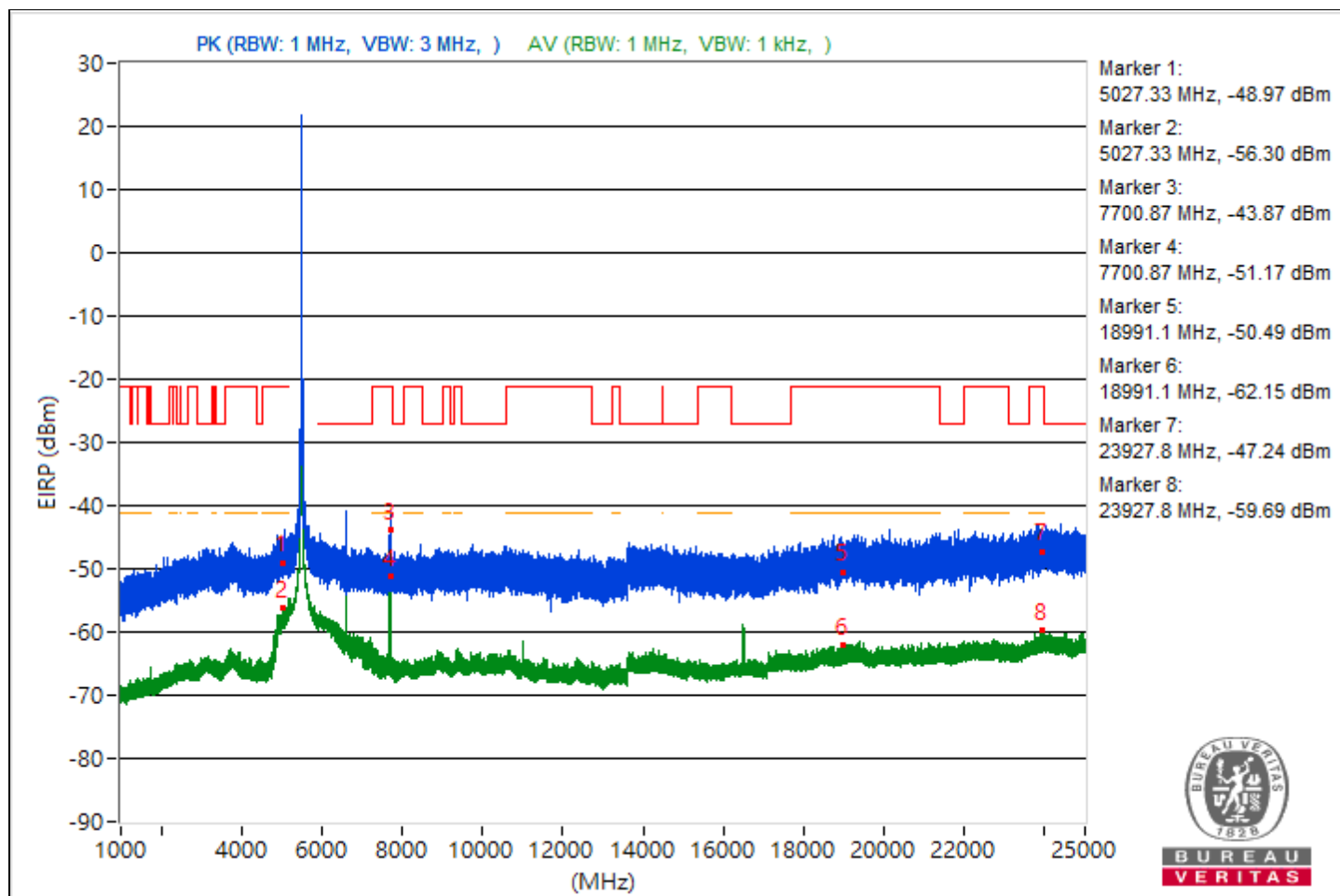


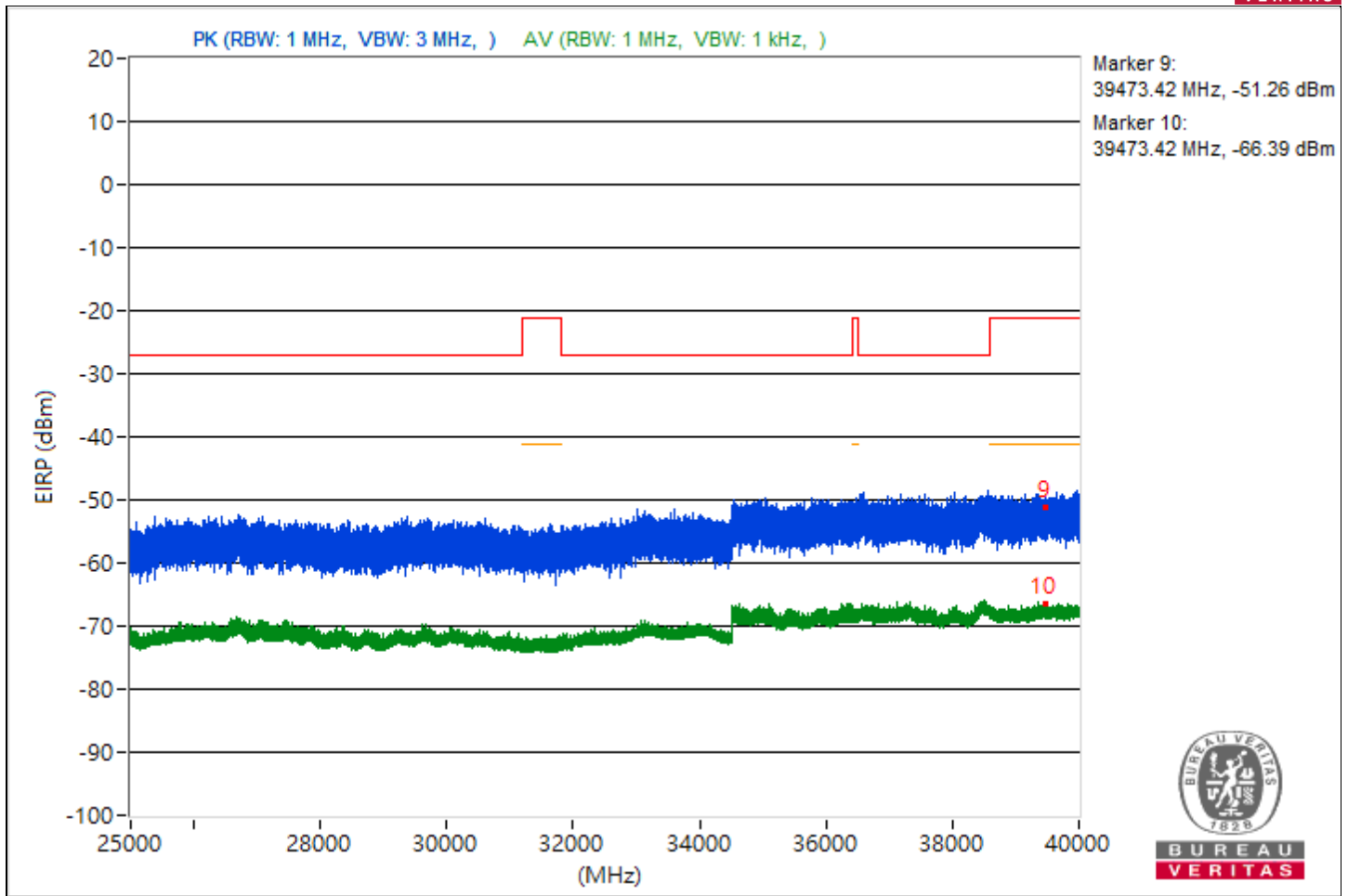


RF Mode	802.11be (EHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5027.33	46.29 PK	74	-27.71	-60.46	-59.86	8.17	-48.97
2	5027.33	38.96 AV	54	-15.04	-69.31	-66.19	8.17	-56.3
3	7700.87	51.39 PK	74	-22.61	-55.17	-54.93	8.17	-43.87
4	7700.87	44.09 AV	54	-9.91	-61.36	-63.64	8.17	-51.17
5	18991.1	44.77 PK	74	-29.23	-62.57	-60.92	8.17	-50.49
6	18991.1	33.11 AV	54	-20.89	-75.83	-71.76	8.17	-62.15
7	23927.8	48.02 PK	74	-25.98	-59.23	-57.74	8.17	-47.24
8	23927.8	35.57 AV	54	-18.43	-73.28	-69.33	8.17	-59.69
9	39473.42	44 PK	74	-30	-61.66	-63.4	8.17	-51.26
10	39473.42	28.87 AV	54	-25.13	-78.98	-76.51	8.17	-66.39

Note: Margin value = Emission Level - Limit value

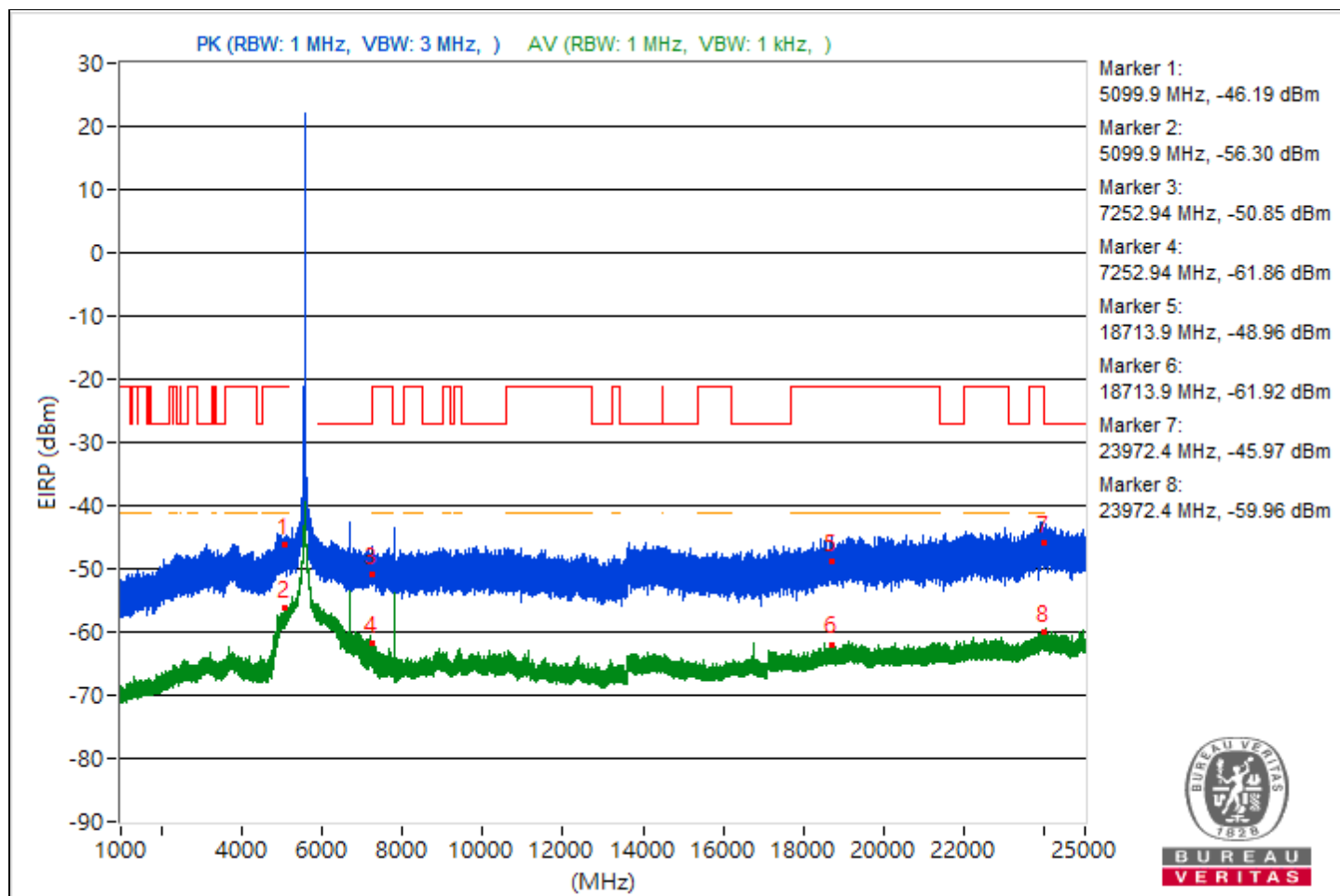


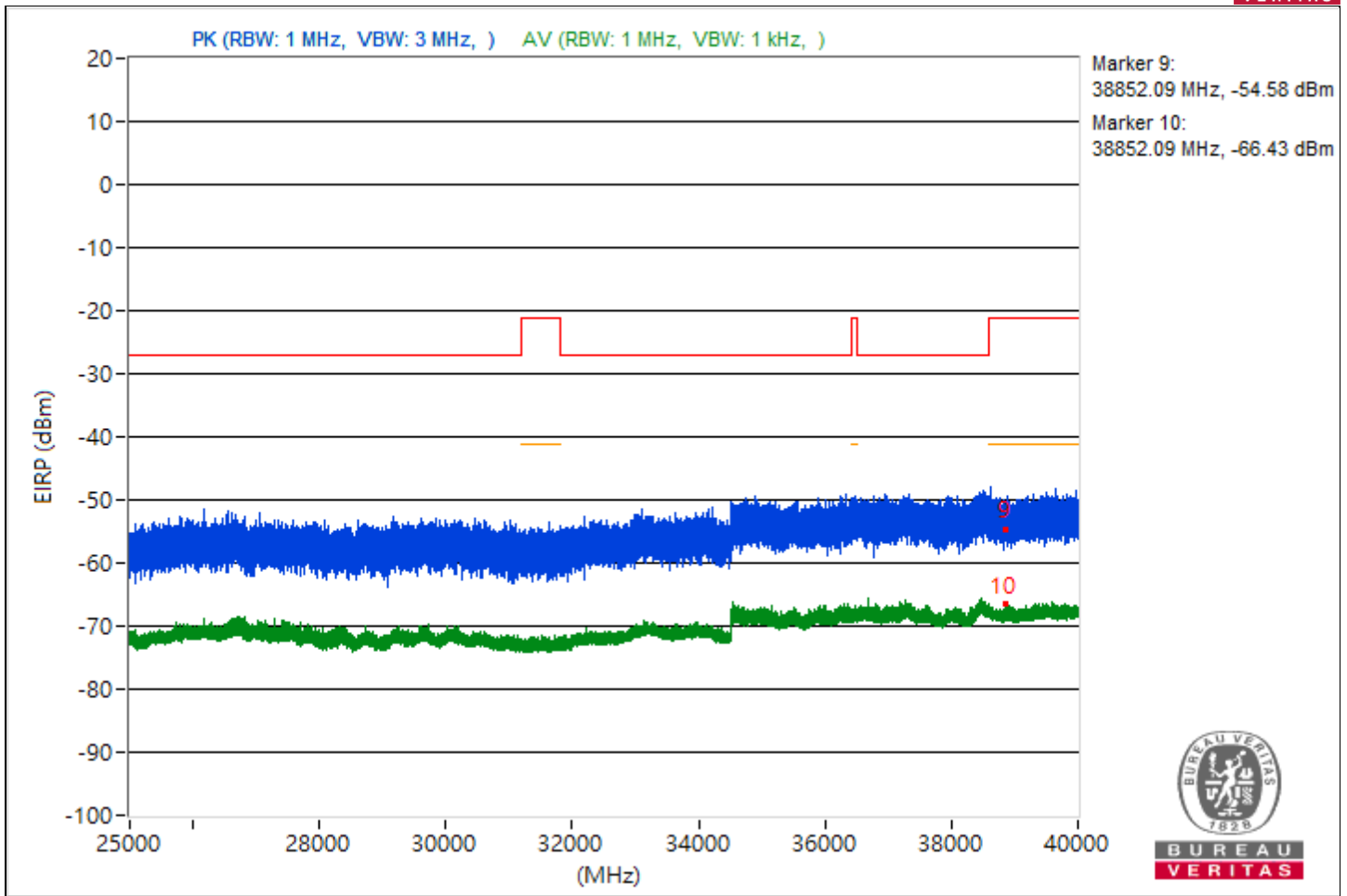


RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5099.9	49.07 PK	74	-24.93	-59.24	-56.06	8.17	-46.19
2	5099.9	38.96 AV	54	-15.04	-68.94	-66.4	8.17	-56.3
3	7252.94	44.41 PK	74	-29.59	-62.1	-61.97	8.17	-50.85
4	7252.94	33.4 AV	54	-20.6	-71.43	-75.64	8.17	-61.86
5	18713.9	46.3 PK	74	-27.7	-61.91	-58.88	8.17	-48.96
6	18713.9	33.34 AV	54	-20.66	-72.26	-74.16	8.17	-61.92
7	23972.4	49.29 PK	74	-24.71	-57.05	-57.24	8.17	-45.97
8	23972.4	35.3 AV	54	-18.7	-69.81	-73.06	8.17	-59.96
9	38852.09	40.68 PK	74	-33.32	-67.91	-64.33	8.17	-54.58
10	38852.09	28.83 AV	54	-25.17	-79.59	-76.26	8.17	-66.43

Note: Margin value = Emission Level - Limit value

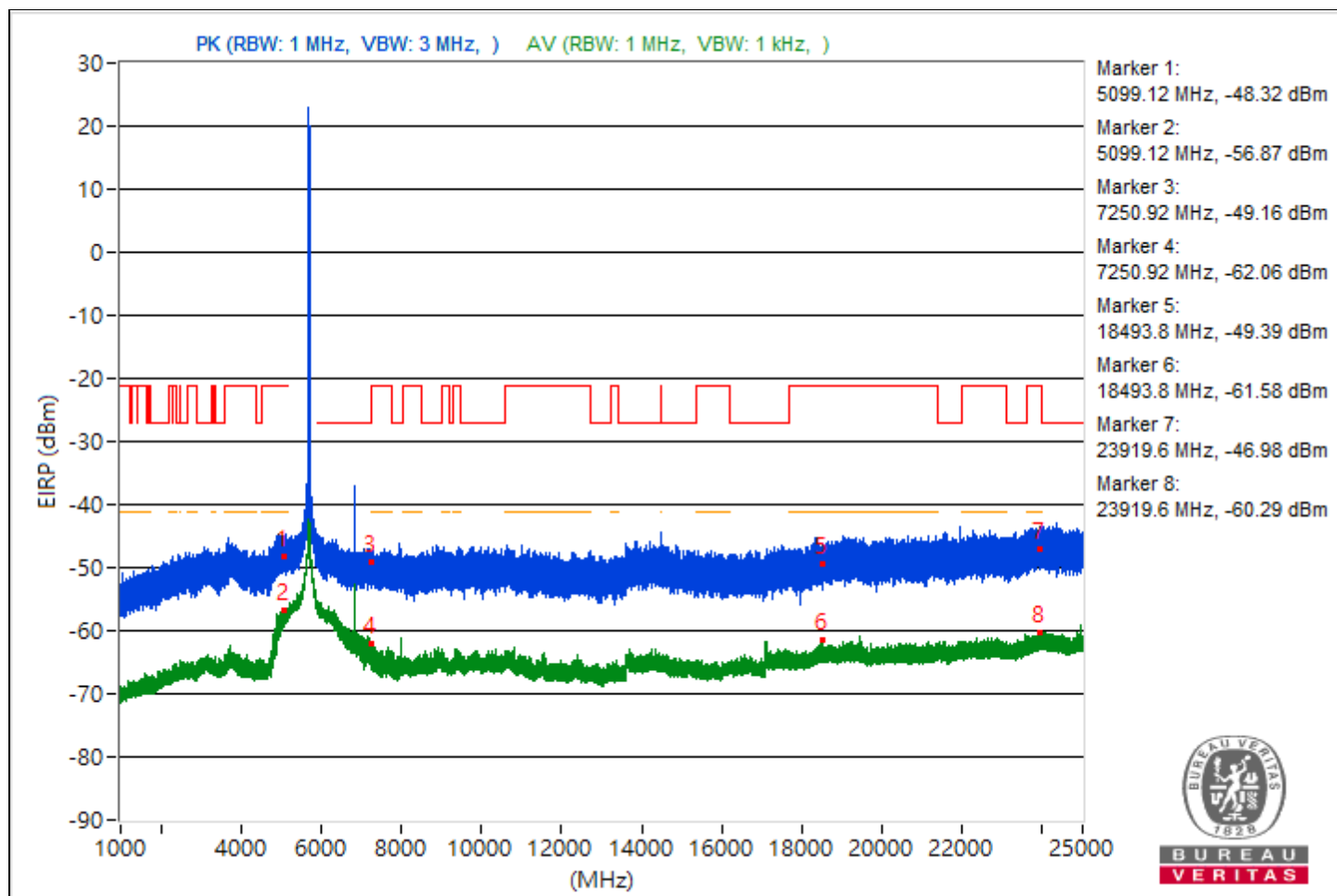


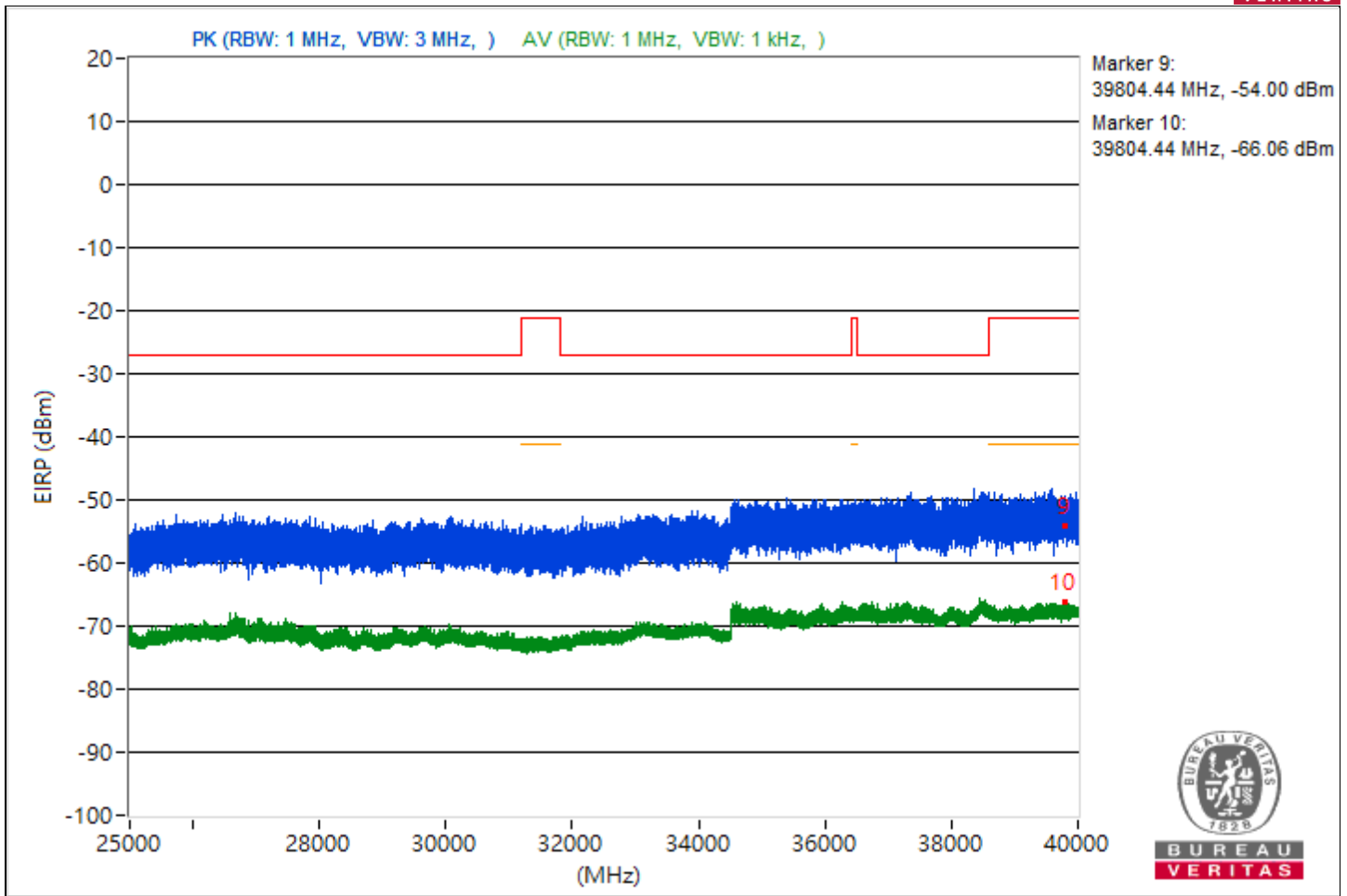


RF Mode	802.11be (EHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5099.12	46.94 PK	74	-27.06	-60.19	-58.91	8.17	-48.32
2	5099.12	38.39 AV	54	-15.61	-67.73	-68.4	8.17	-56.87
3	7250.92	46.1 PK	74	-27.9	-59.85	-60.88	8.17	-49.16
4	7250.92	33.2 AV	54	-20.8	-71.53	-76.08	8.17	-62.06
5	18493.8	45.87 PK	74	-28.13	-61.49	-59.81	8.17	-49.39
6	18493.8	33.68 AV	54	-20.32	-75.18	-71.21	8.17	-61.58
7	23919.6	48.28 PK	74	-25.72	-56.66	-60.48	8.17	-46.98
8	23919.6	34.97 AV	54	-19.03	-70.48	-72.75	8.17	-60.29
9	39804.44	41.26 PK	74	-32.74	-63.51	-67.93	8.17	-54
10	39804.44	29.2 AV	54	-24.8	-78.59	-76.22	8.17	-66.06

Note: Margin value = Emission Level - Limit value

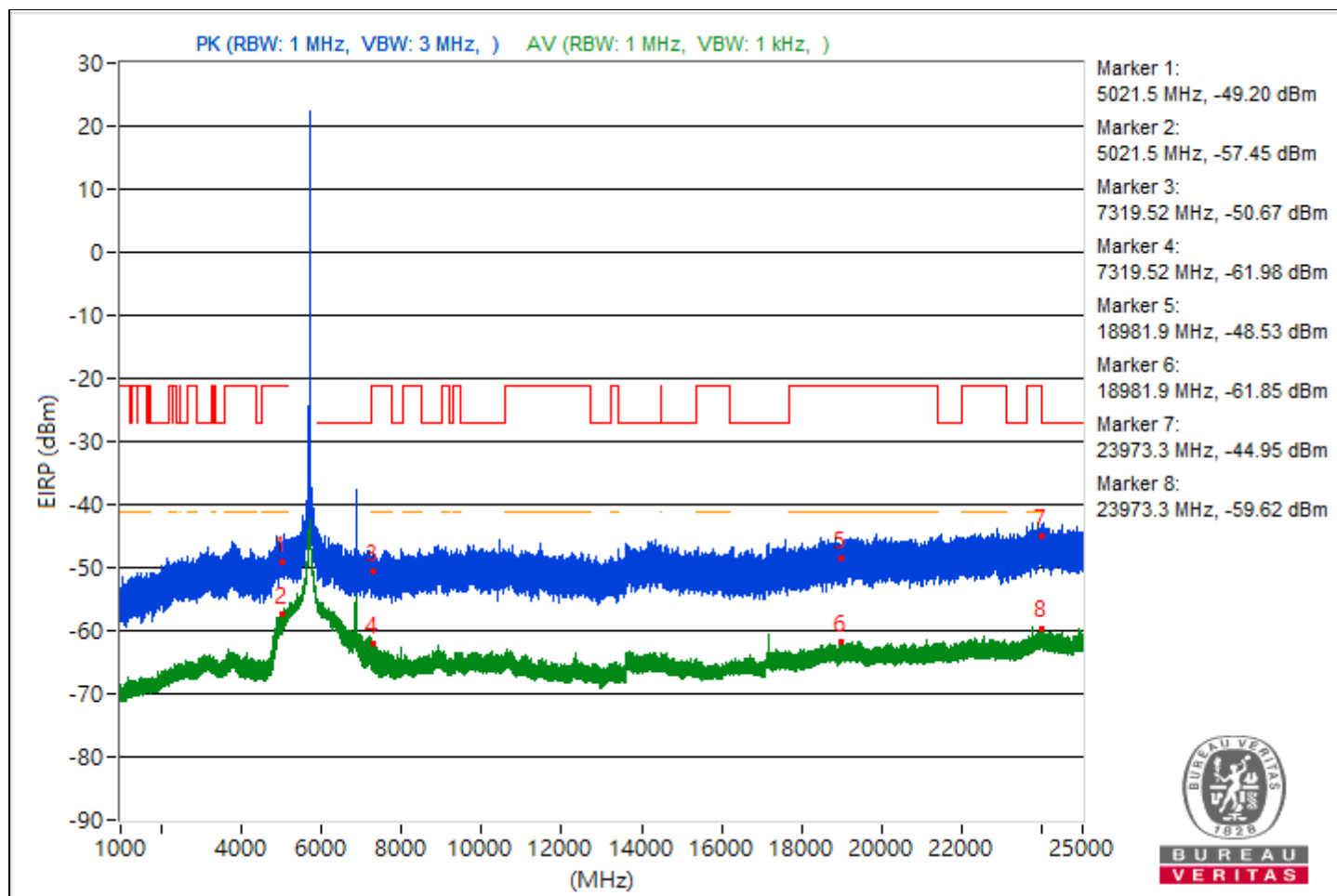


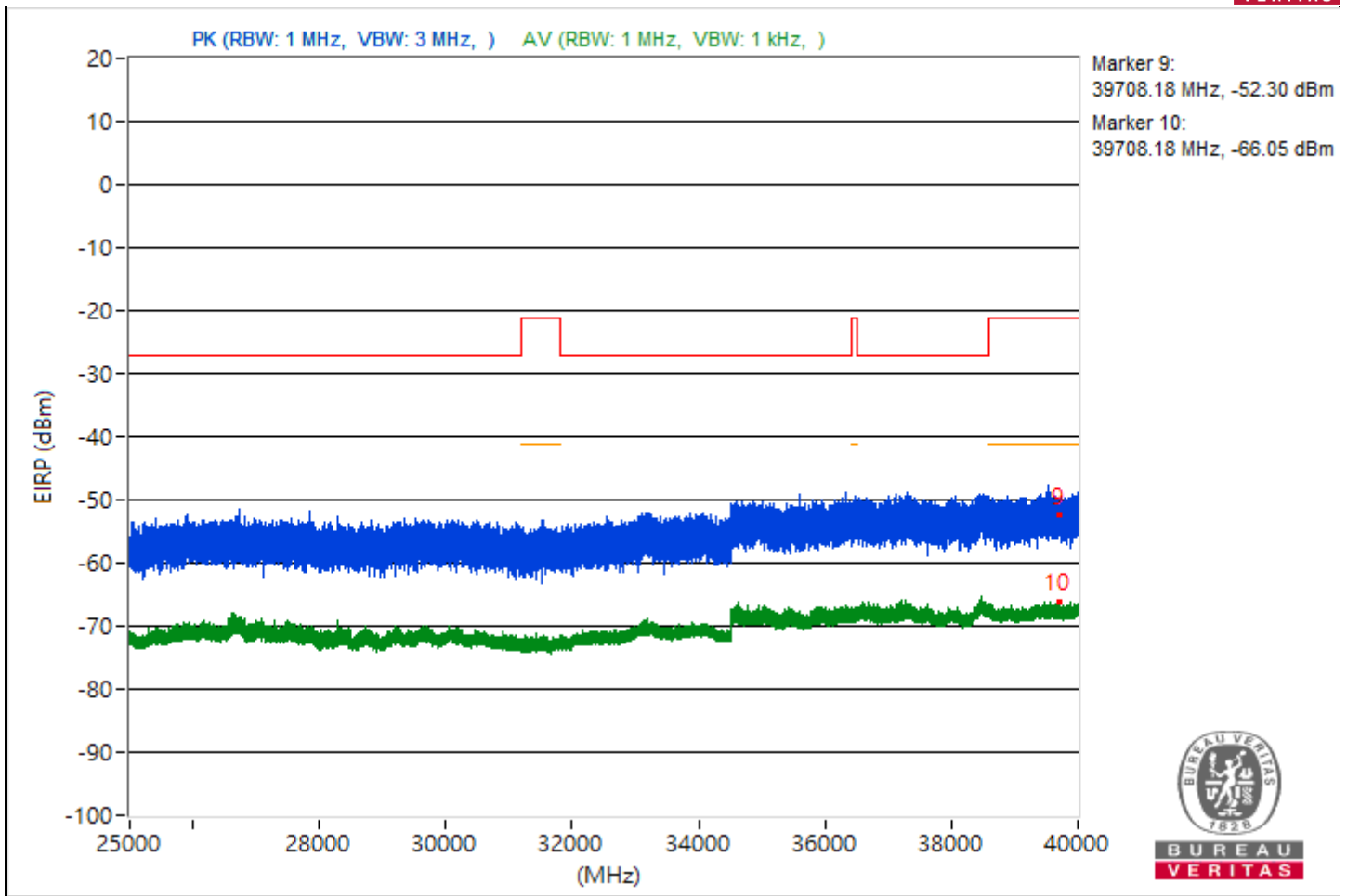


RF Mode	802.11be (EHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5021.5	46.06 PK	74	-27.94	-62.33	-59.04	8.17	-49.2
2	5021.5	37.81 AV	54	-16.19	-70.93	-67.13	8.17	-57.45
3	7319.52	44.59 PK	74	-29.41	-62.16	-61.56	8.17	-50.67
4	7319.52	33.28 AV	54	-20.72	-71.43	-76.09	8.17	-61.98
5	18981.9	46.73 PK	74	-27.27	-60.95	-58.75	8.17	-48.53
6	18981.9	33.41 AV	54	-20.59	-74.85	-71.76	8.17	-61.85
7	23973.3	50.31 PK	74	-23.69	-56.01	-56.25	8.17	-44.95
8	23973.3	35.64 AV	54	-18.36	-72.81	-69.43	8.17	-59.62
9	39708.18	42.96 PK	74	-31.04	-63.86	-63.12	8.17	-52.3
10	39708.18	29.21 AV	54	-24.79	-78.81	-76.07	8.17	-66.05

Note: Margin value = Emission Level - Limit value

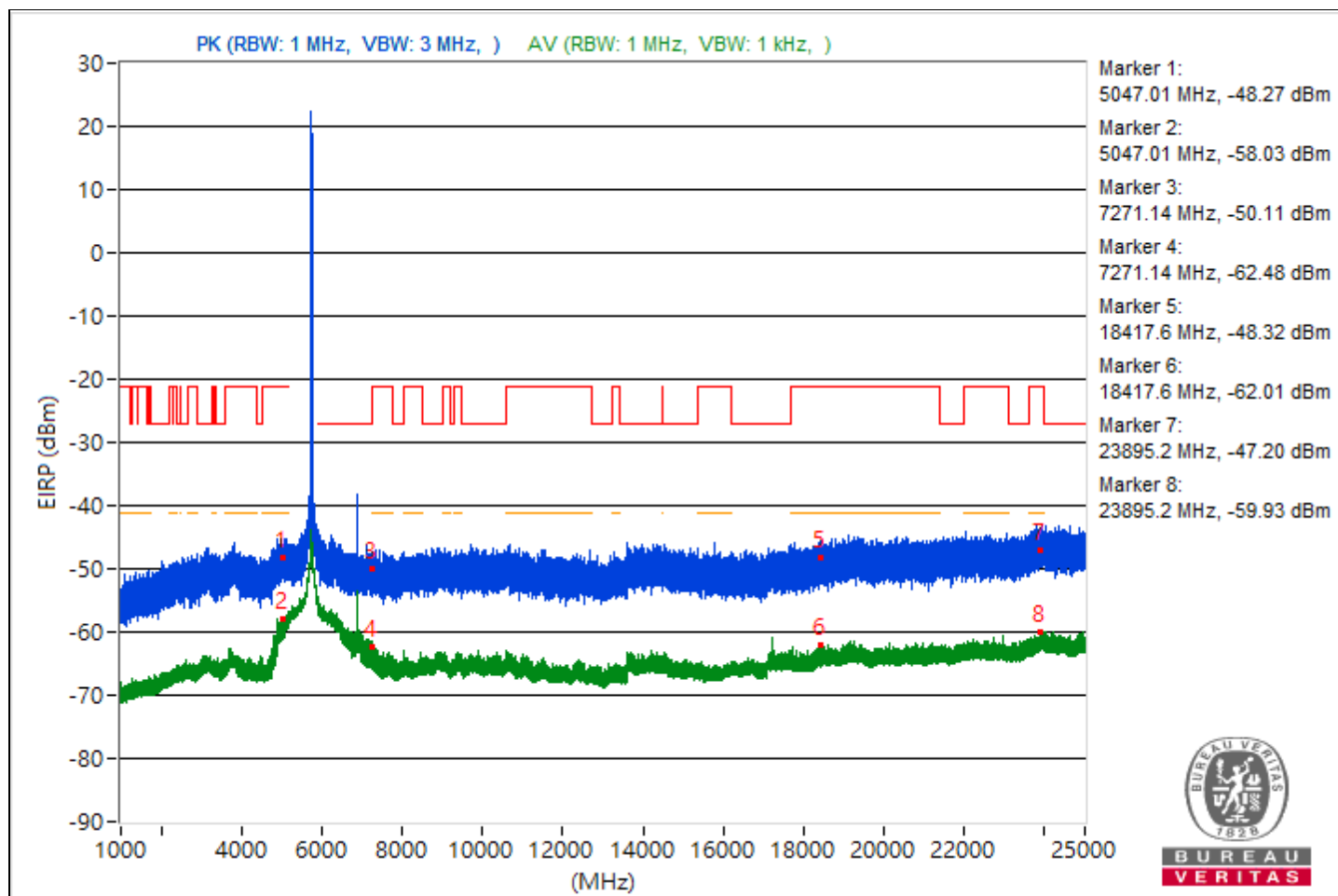


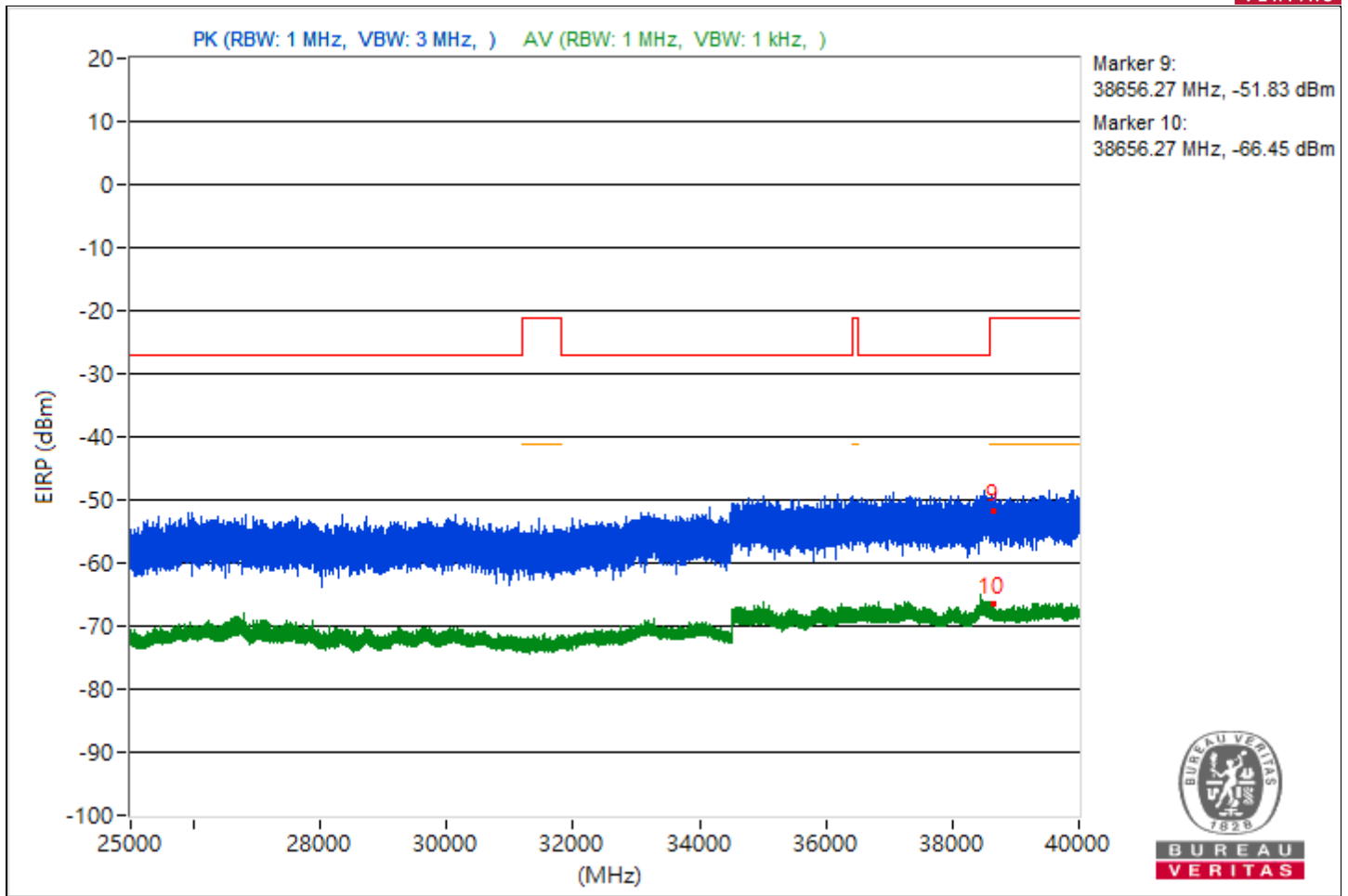


RF Mode	802.11be (EHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5047.01	46.99 PK	74	-27.01	-59.45	-59.45	8.17	-48.27
2	5047.01	37.23 AV	54	-16.77	-68.21	-70.5	8.17	-58.03
3	7271.14	45.15 PK	74	-28.85	-59.78	-63.61	8.17	-50.11
4	7271.14	32.78 AV	54	-21.22	-71.53	-78.01	8.17	-62.48
5	18417.6	46.94 PK	74	-27.06	-61.82	-58	8.17	-48.32
6	18417.6	33.25 AV	54	-20.75	-75.47	-71.7	8.17	-62.01
7	23895.2	48.06 PK	74	-25.94	-57.93	-58.89	8.17	-47.2
8	23895.2	35.33 AV	54	-18.67	-72.82	-69.89	8.17	-59.93
9	38656.27	43.43 PK	74	-30.57	-66.56	-61.09	8.17	-51.83
10	38656.27	28.81 AV	54	-25.19	-79.64	-76.26	8.17	-66.45

Note: Margin value = Emission Level - Limit value

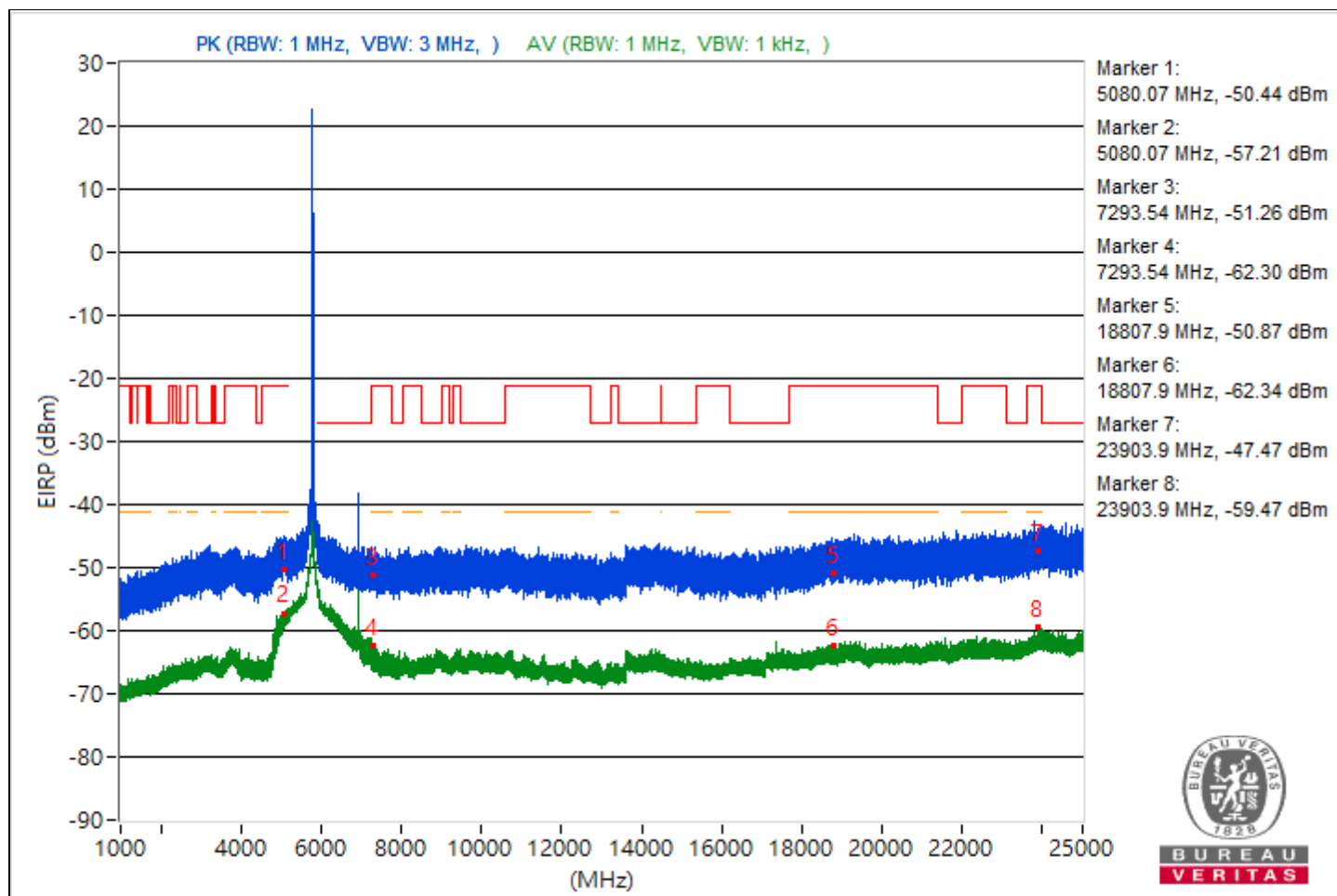


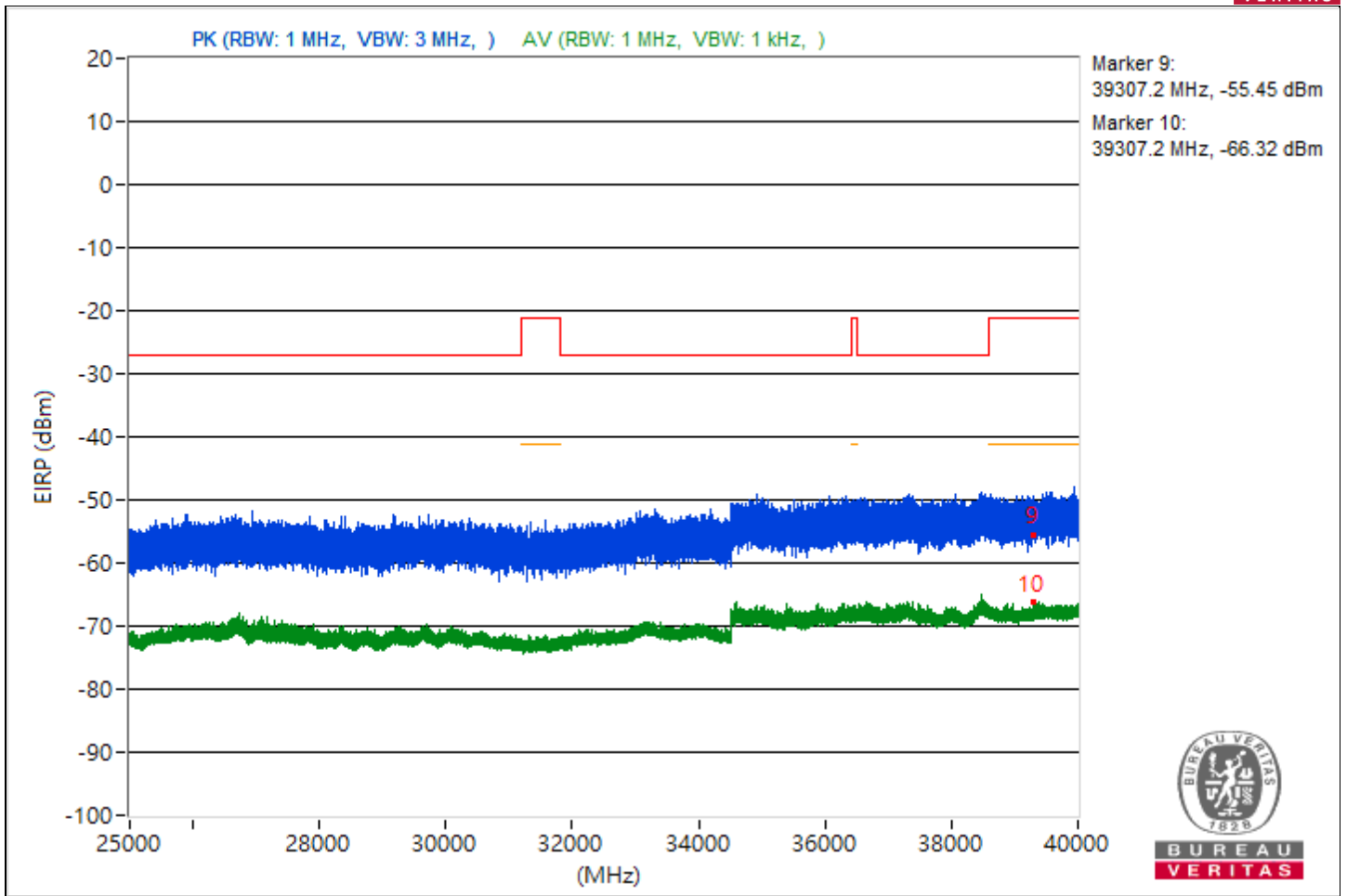


RF Mode	802.11be (EHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5080.07	44.82 PK	74	-29.18	-61.68	-61.56	8.17	-50.44
2	5080.07	38.05 AV	54	-15.95	-67.98	-68.85	8.17	-57.21
3	7293.54	44 PK	74	-30	-62.65	-62.23	8.17	-51.26
4	7293.54	32.96 AV	54	-21.04	-71.66	-76.66	8.17	-62.3
5	18807.9	44.39 PK	74	-29.61	-62.41	-61.73	8.17	-50.87
6	18807.9	32.92 AV	54	-21.08	-72.02	-75.83	8.17	-62.34
7	23903.9	47.79 PK	74	-26.21	-58.29	-59.03	8.17	-47.47
8	23903.9	35.79 AV	54	-18.21	-69.96	-71.46	8.17	-59.47
9	39307.2	39.81 PK	74	-34.19	-64.84	-69.7	8.17	-55.45
10	39307.2	28.94 AV	54	-25.06	-76.35	-79.06	8.17	-66.32

Note: Margin value = Emission Level - Limit value

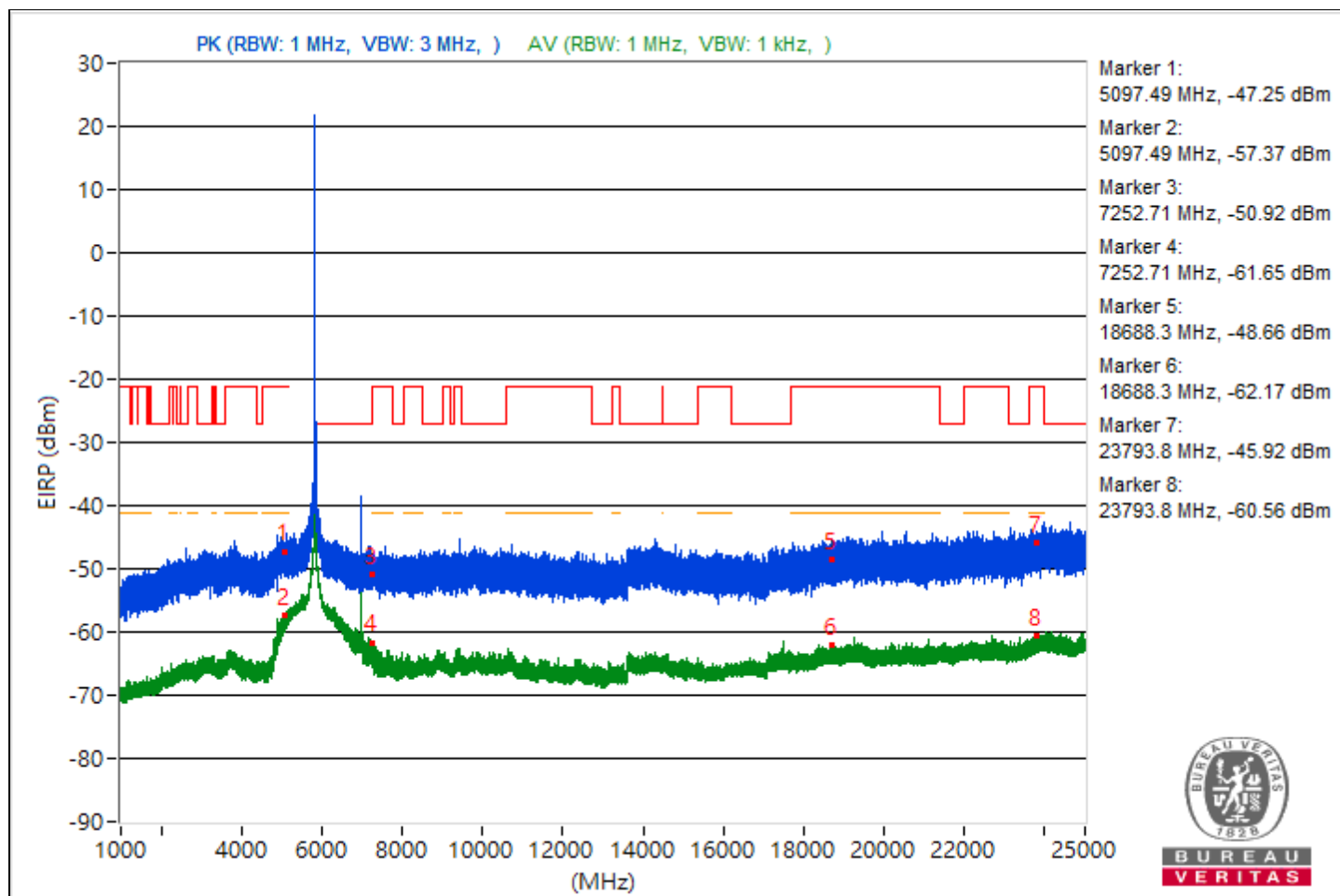


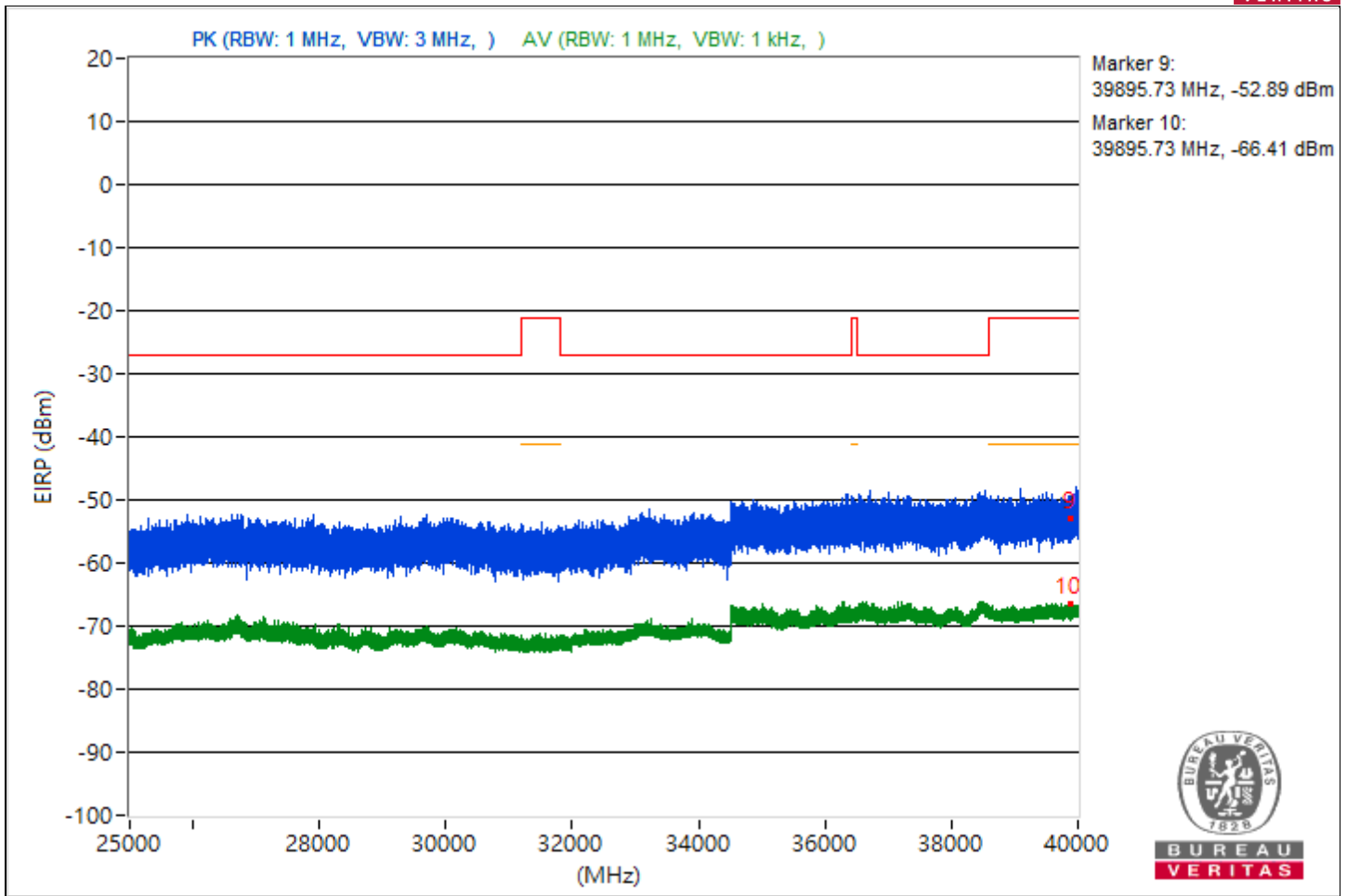


RF Mode	802.11be (EHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5097.49	48.01 PK	74	-25.99	-58.36	-58.51	8.17	-47.25
2	5097.49	37.89 AV	54	-16.11	-70.4	-67.27	8.17	-57.37
3	7252.71	44.34 PK	74	-29.66	-61.8	-62.43	8.17	-50.92
4	7252.71	33.61 AV	54	-20.39	-71.13	-75.65	8.17	-61.65
5	18688.3	46.6 PK	74	-27.4	-59.12	-60.71	8.17	-48.66
6	18688.3	33.09 AV	54	-20.91	-72.14	-75.03	8.17	-62.17
7	23793.8	49.34 PK	74	-24.66	-56.51	-57.79	8.17	-45.92
8	23793.8	34.7 AV	54	-19.3	-73.5	-70.49	8.17	-60.56
9	39895.73	42.37 PK	74	-31.63	-63.86	-64.29	8.17	-52.89
10	39895.73	28.85 AV	54	-25.15	-76.41	-79.22	8.17	-66.41

Note: Margin value = Emission Level - Limit value

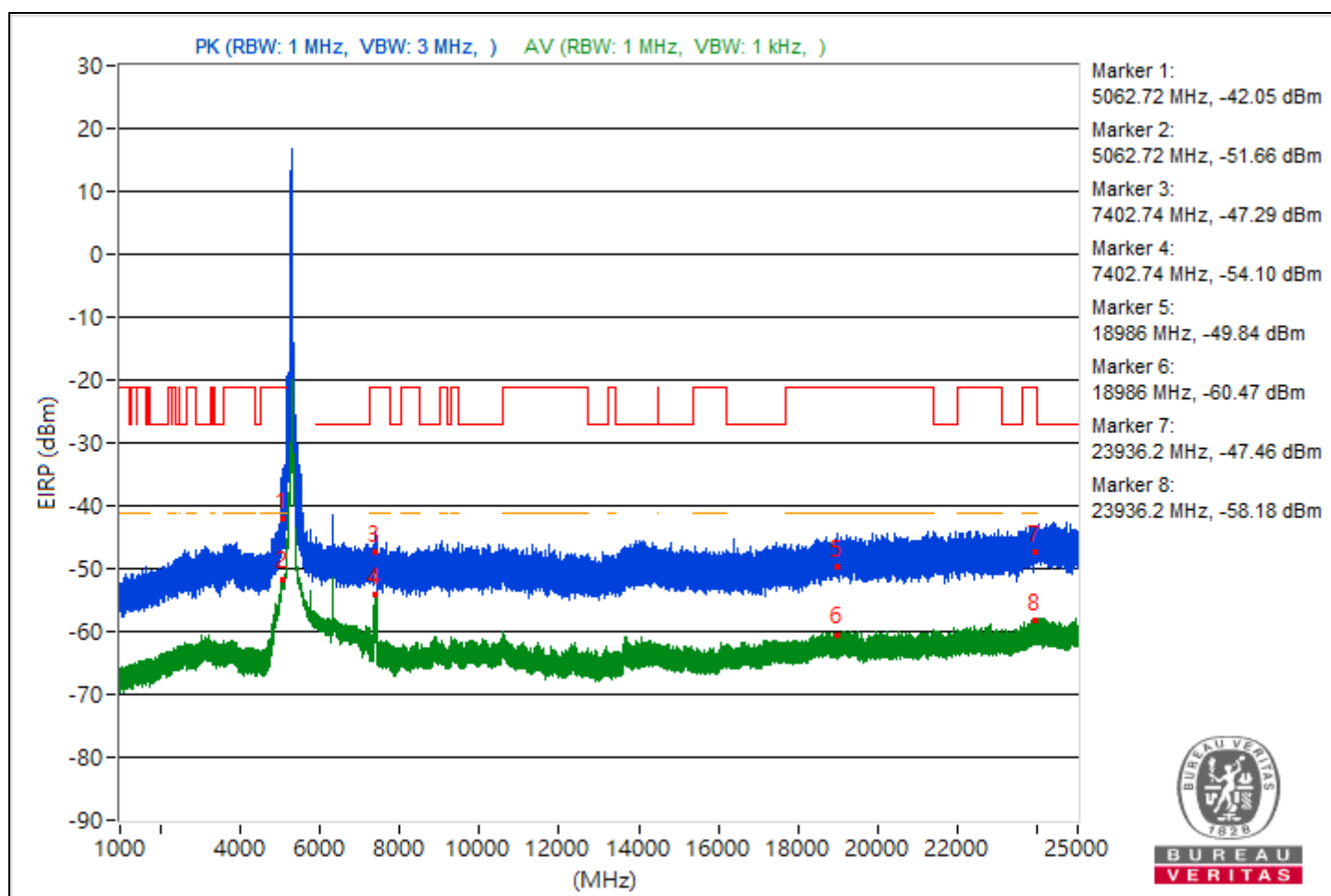


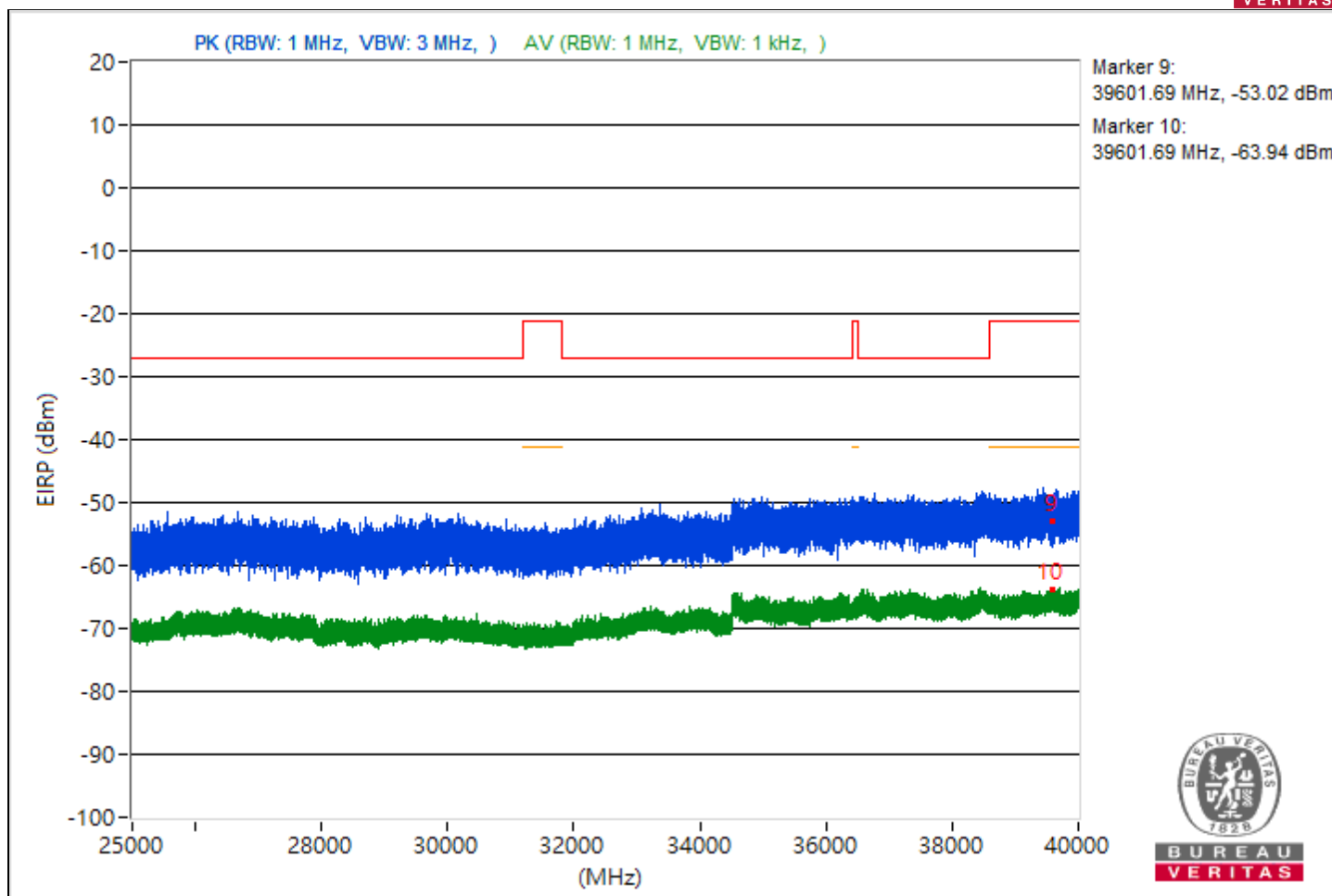


RF Mode	802.11be (EHT80) 484+242-tone MRU	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5062.72	53.21 PK	74	-20.79	-50.69	-60.07	8.17	-42.05
2	5062.72	43.6 AV	54	-10.4	-60.89	-66.48	8.17	-51.66
3	7402.74	47.97 PK	74	-26.03	-59.5	-57.64	8.17	-47.29
4	7402.74	41.16 AV	54	-12.84	-66.31	-64.45	8.17	-54.1
5	18986	45.42 PK	74	-28.58	-62.29	-60.04	8.17	-49.84
6	18986	34.79 AV	54	-19.21	-73.01	-70.62	8.17	-60.47
7	23936.2	47.8 PK	74	-26.2	-58.2	-59.12	8.17	-47.46
8	23936.2	37.08 AV	54	-16.92	-70.89	-68.24	8.17	-58.18
9	39601.69	42.24 PK	74	-31.76	-67.11	-62.47	8.17	-53.02
10	39601.69	31.32 AV	54	-22.68	-73.83	-76.97	8.17	-63.94

Note: Margin value = Emission Level - Limit value

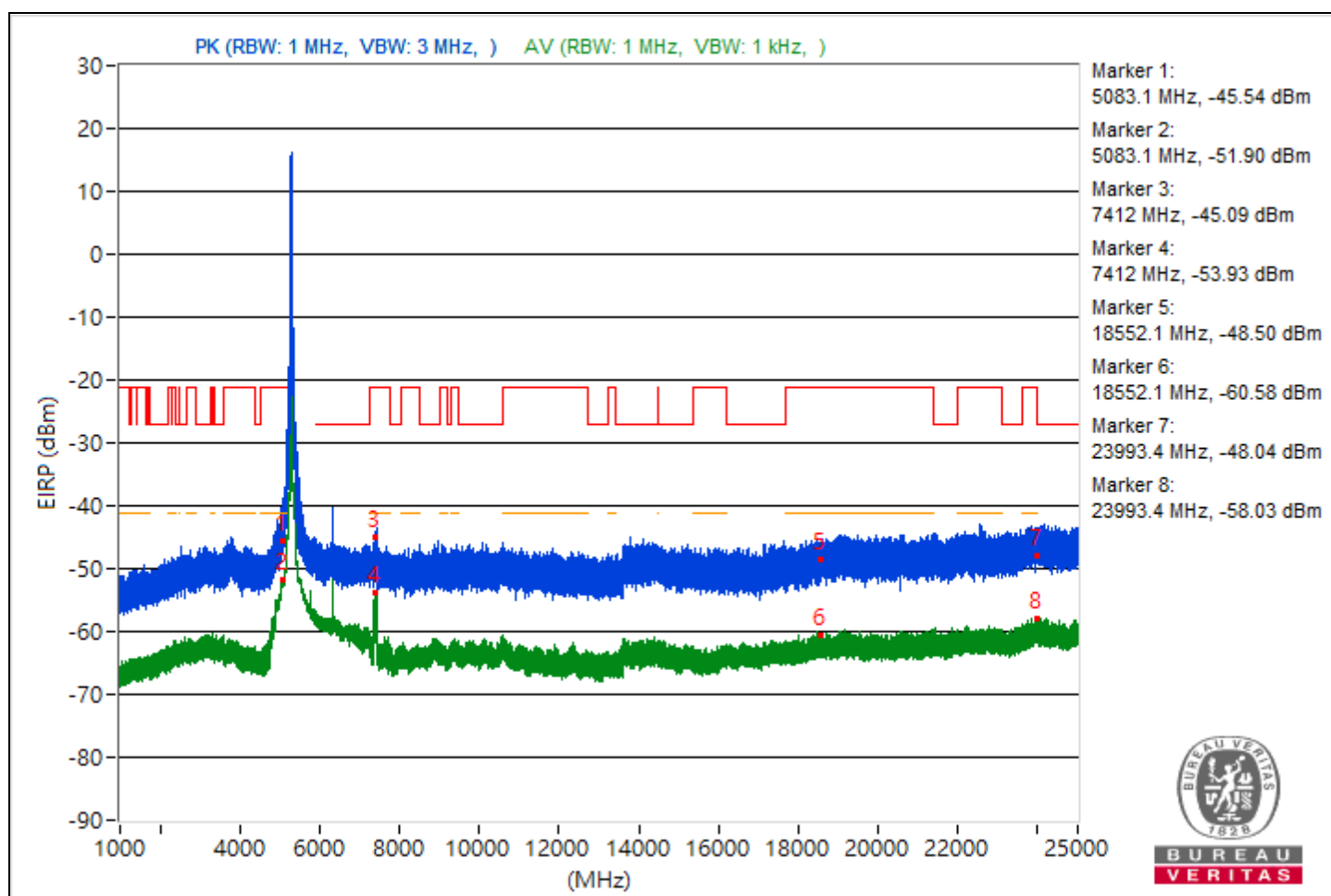


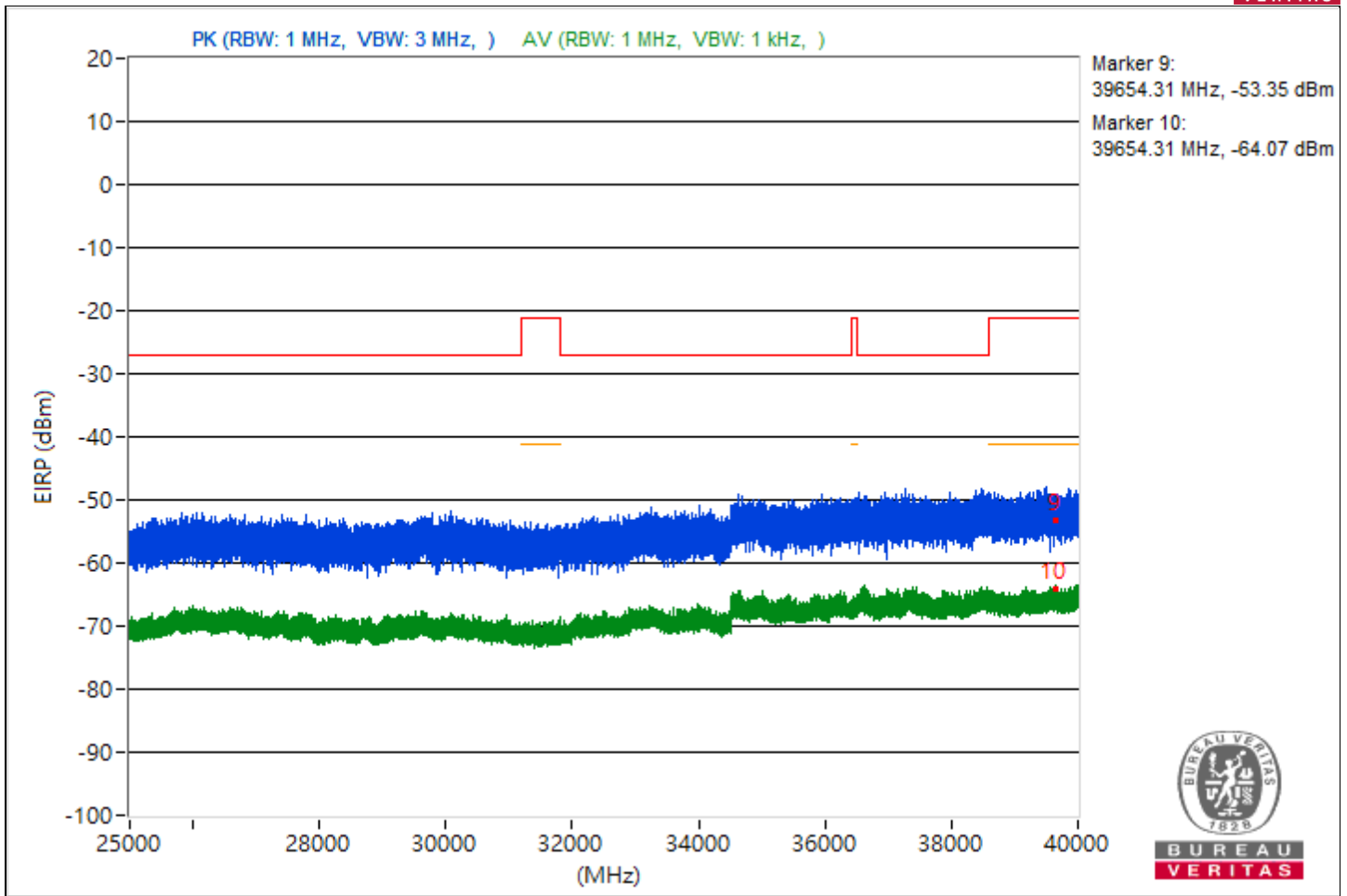


RF Mode	802.11be (EHT80) Punctured by 20 MHz	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Unwanted Emissions								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5083.1	49.72 PK	74	-24.28	-56.28	-57.21	8.17	-45.54
2	5083.1	43.36 AV	54	-10.64	-63.54	-62.67	8.17	-51.9
3	7412	50.17 PK	74	-23.83	-55.21	-57.69	8.17	-45.09
4	7412	41.33 AV	54	-12.67	-63.43	-67.87	8.17	-53.93
5	18552.1	46.76 PK	74	-27.24	-60.19	-59.21	8.17	-48.5
6	18552.1	34.68 AV	54	-19.32	-70.35	-73.87	8.17	-60.58
7	23993.4	47.22 PK	74	-26.78	-59.45	-58.99	8.17	-48.04
8	23993.4	37.23 AV	54	-16.77	-70.95	-67.98	8.17	-58.03
9	39654.31	41.91 PK	74	-32.09	-64.77	-64.31	8.17	-53.35
10	39654.31	31.19 AV	54	-22.81	-78.37	-73.46	8.17	-64.07

Note: Margin value = Emission Level - Limit value





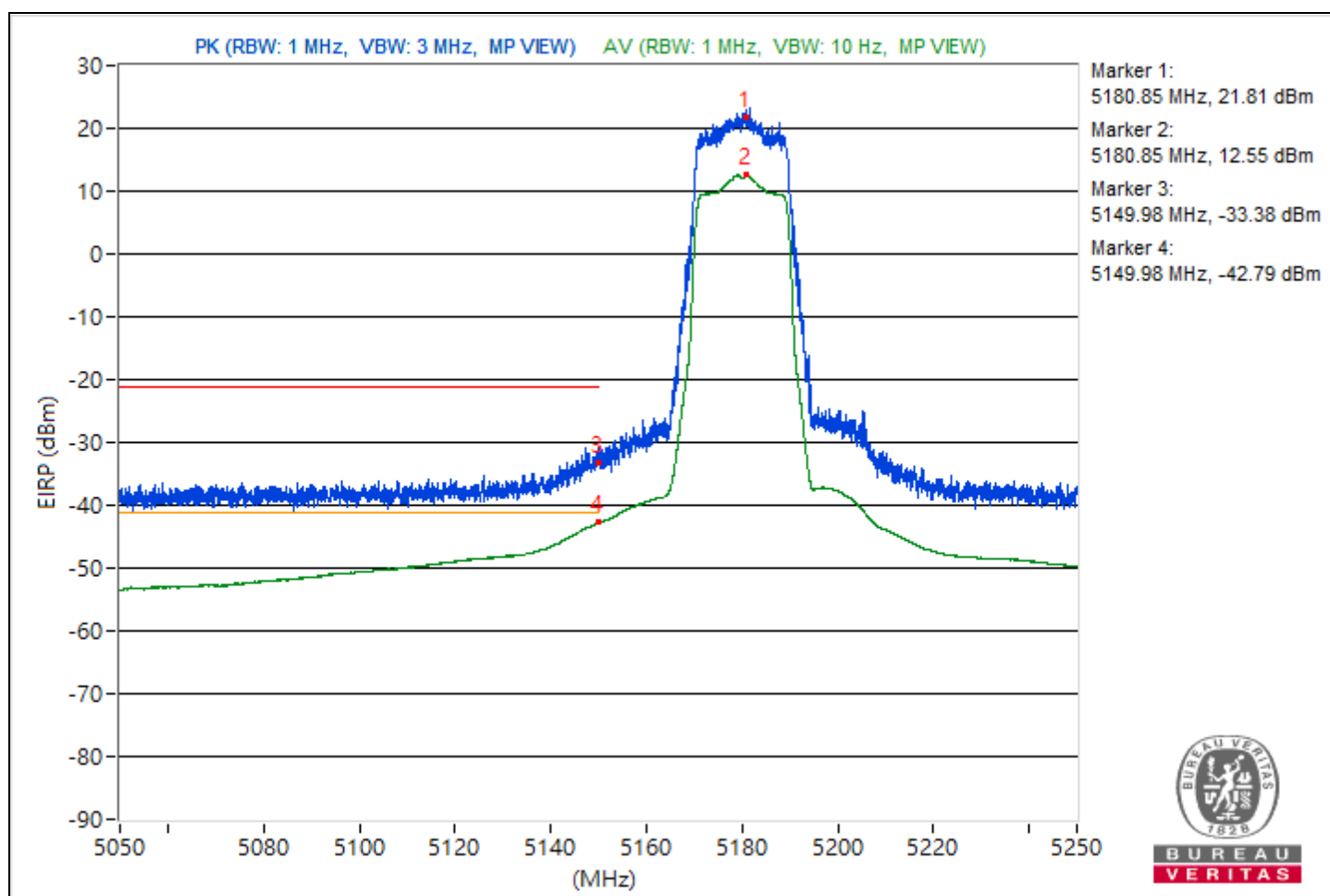
Conducted Band Edges

RF Mode	802.11be (EHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	5.05 GHz ~ 5.25 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5180.85	117.07 PK			11.46	11.18	7.47	21.81
2	*5180.85	107.81 AV			2.38	1.74	7.47	12.55
3	5149.98	61.88 PK	74	-12.12	-44.71	-43.15	7.47	-33.38
4	5149.98	52.47 AV	54	-1.53	-53.41	-53.13	7.47	-42.79

Notes:

1. Margin value = Emission Level - Limit value
2. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

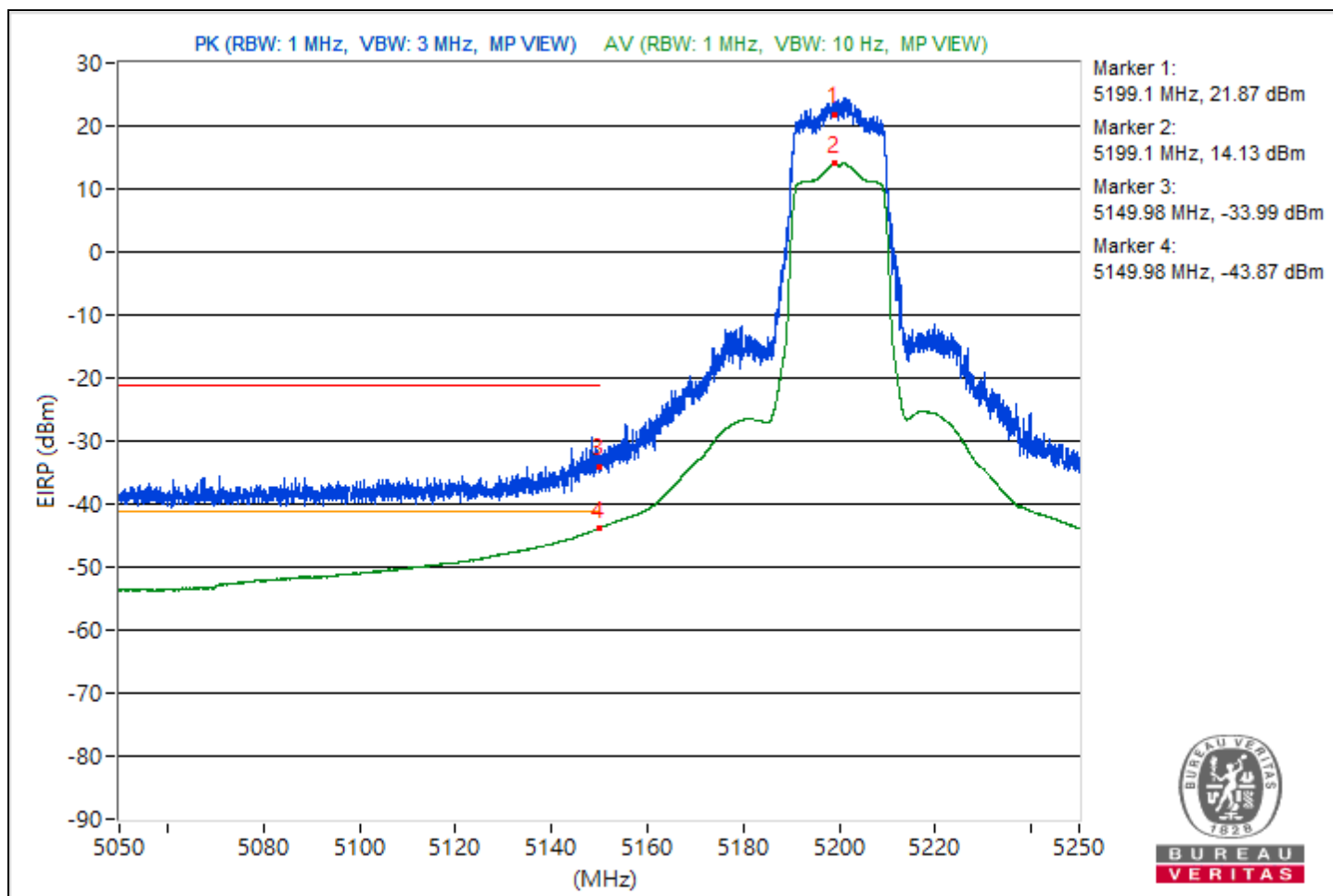


RF Mode	802.11be (EHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	5.05 GHz ~ 5.25 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5199.1	117.13 PK			12.3	10.24	7.47	21.87
2	*5199.1	109.39 AV			4.02	3.25	7.47	14.13
3	5149.98	61.27 PK	74	-12.73	-45.18	-43.87	7.47	-33.99
4	5149.98	51.39 AV	54	-2.61	-54.21	-54.49	7.47	-43.87

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

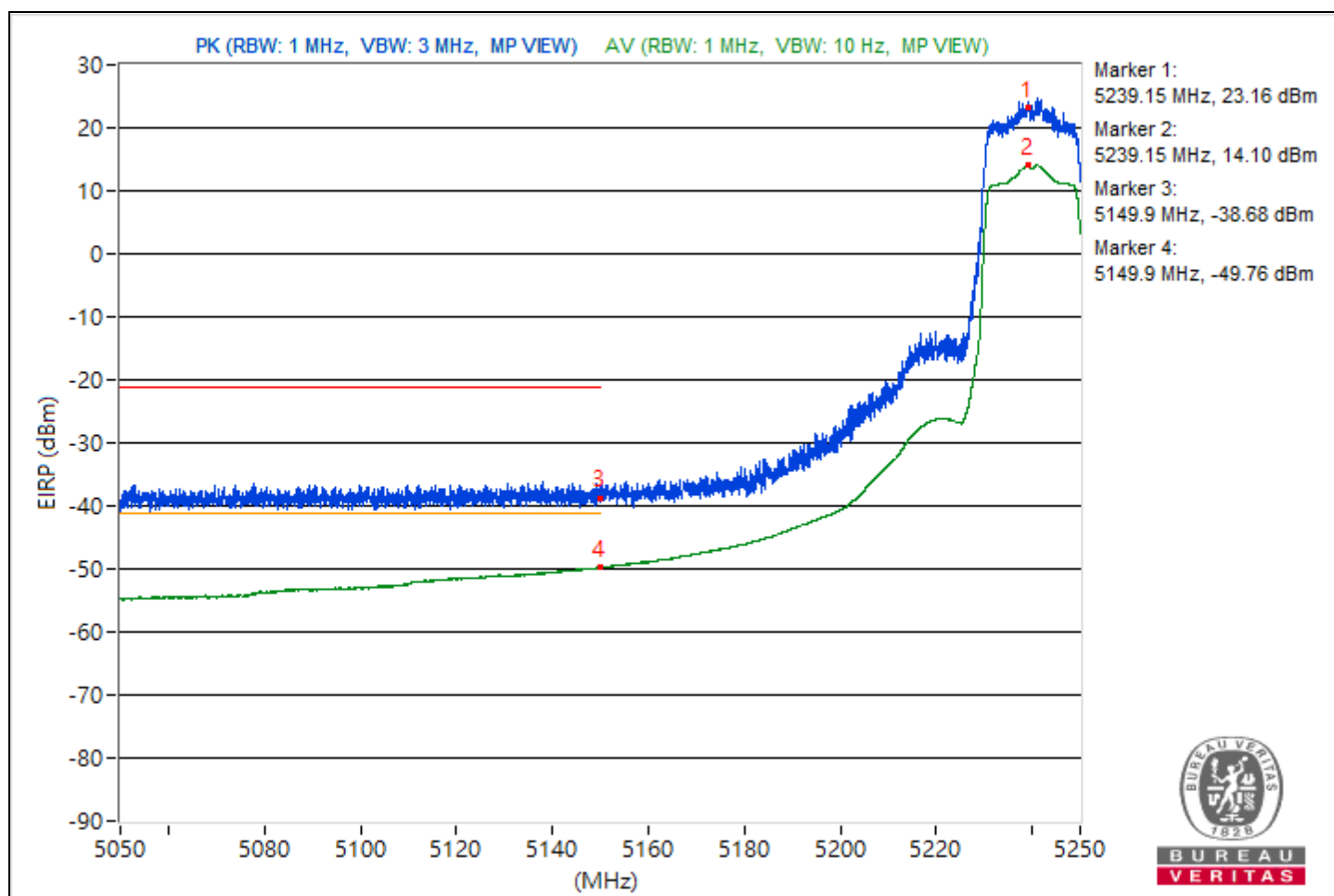


RF Mode	802.11be (EHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	5.05 GHz ~ 5.25 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5239.15	118.42 PK			12.26	13.07	7.47	23.16
2	*5239.15	109.36 AV			3.93	3.27	7.47	14.1
3	5149.9	56.58 PK	74	-17.42	-48.86	-49.49	7.47	-38.68
4	5149.9	45.5 AV	54	-8.5	-60.84	-59.71	7.47	-49.76

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

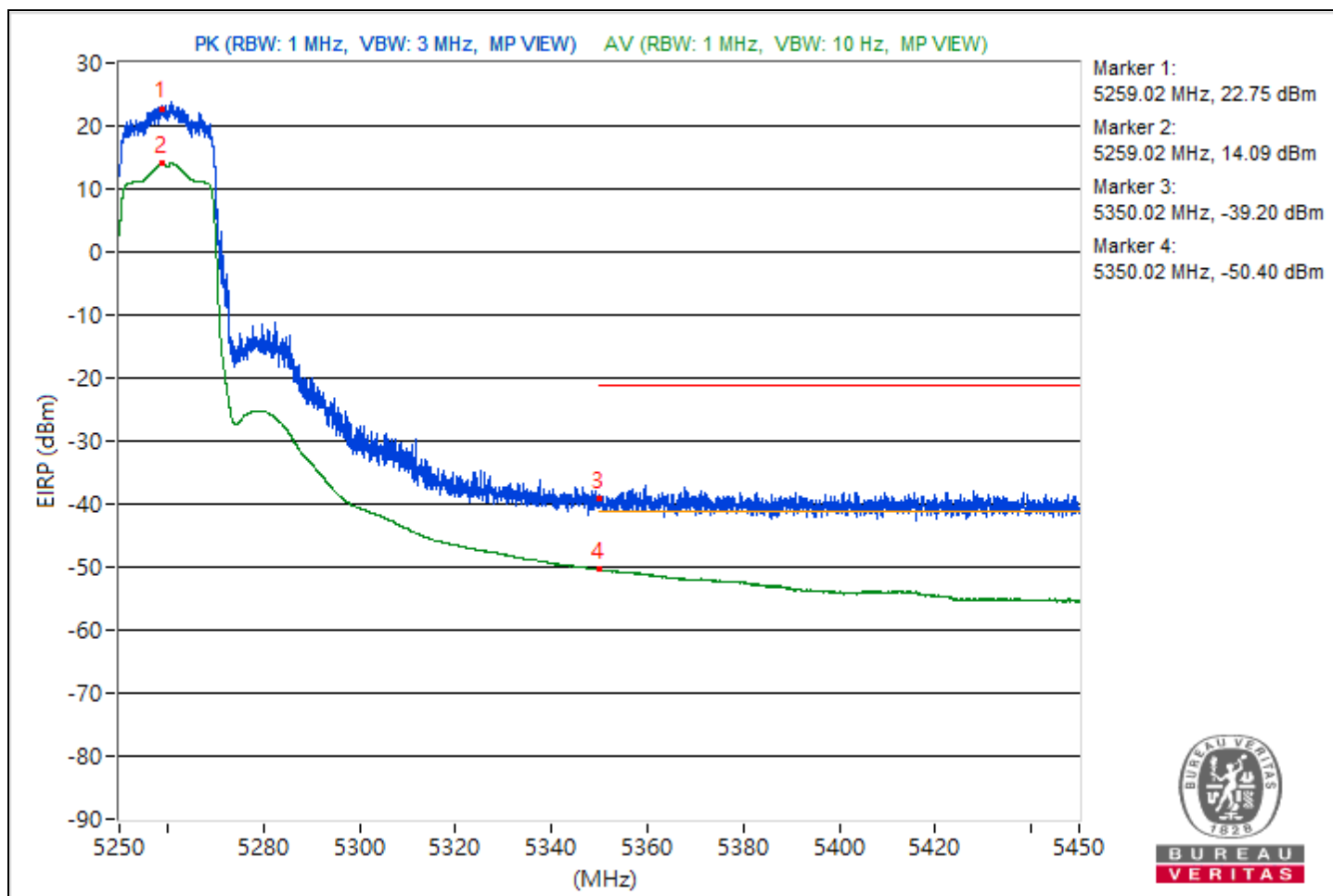


RF Mode	802.11be (EHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	5.25 GHz ~ 5.45 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5259.02	118.01 PK			11.54	12.9	7.47	22.75
2	*5259.02	109.35 AV			3.89	3.31	7.47	14.09
3	5350.02	56.06 PK	74	-17.94	-48.98	-50.5	7.47	-39.2
4	5350.02	44.86 AV	54	-9.14	-60.07	-61.88	7.47	-50.4

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

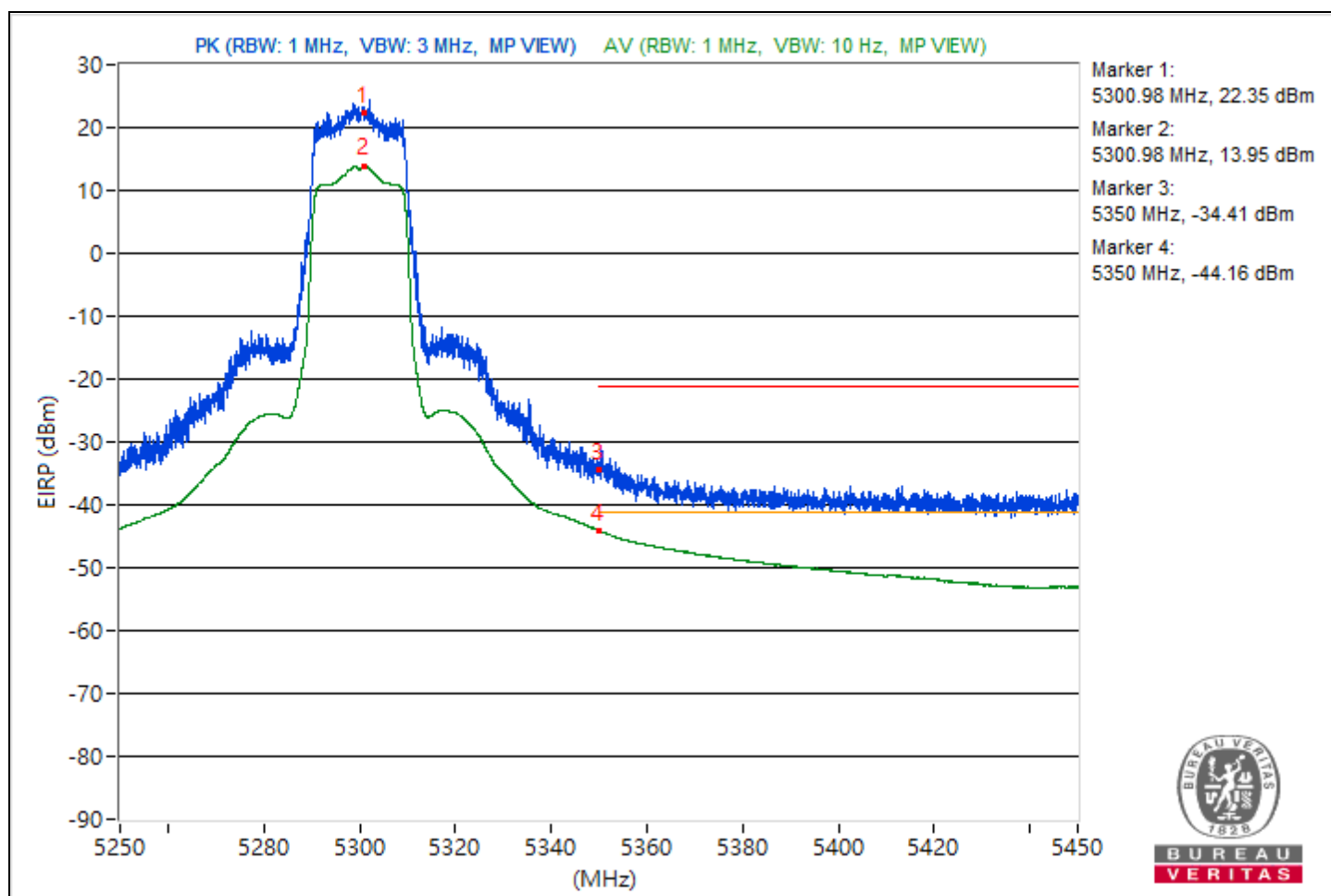


RF Mode	802.11be (EHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	5.25 GHz ~ 5.45 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5300.98	117.61 PK			11.94	11.79	7.47	22.35
2	*5300.98	109.21 AV			3.76	3.16	7.47	13.95
3	5350	60.85 PK	74	-13.15	-44.8	-44.98	7.47	-34.41
4	5350	51.1 AV	54	-2.9	-54.02	-55.37	7.47	-44.16

Notes:

1. Margin value = Emission Level - Limit value
2. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

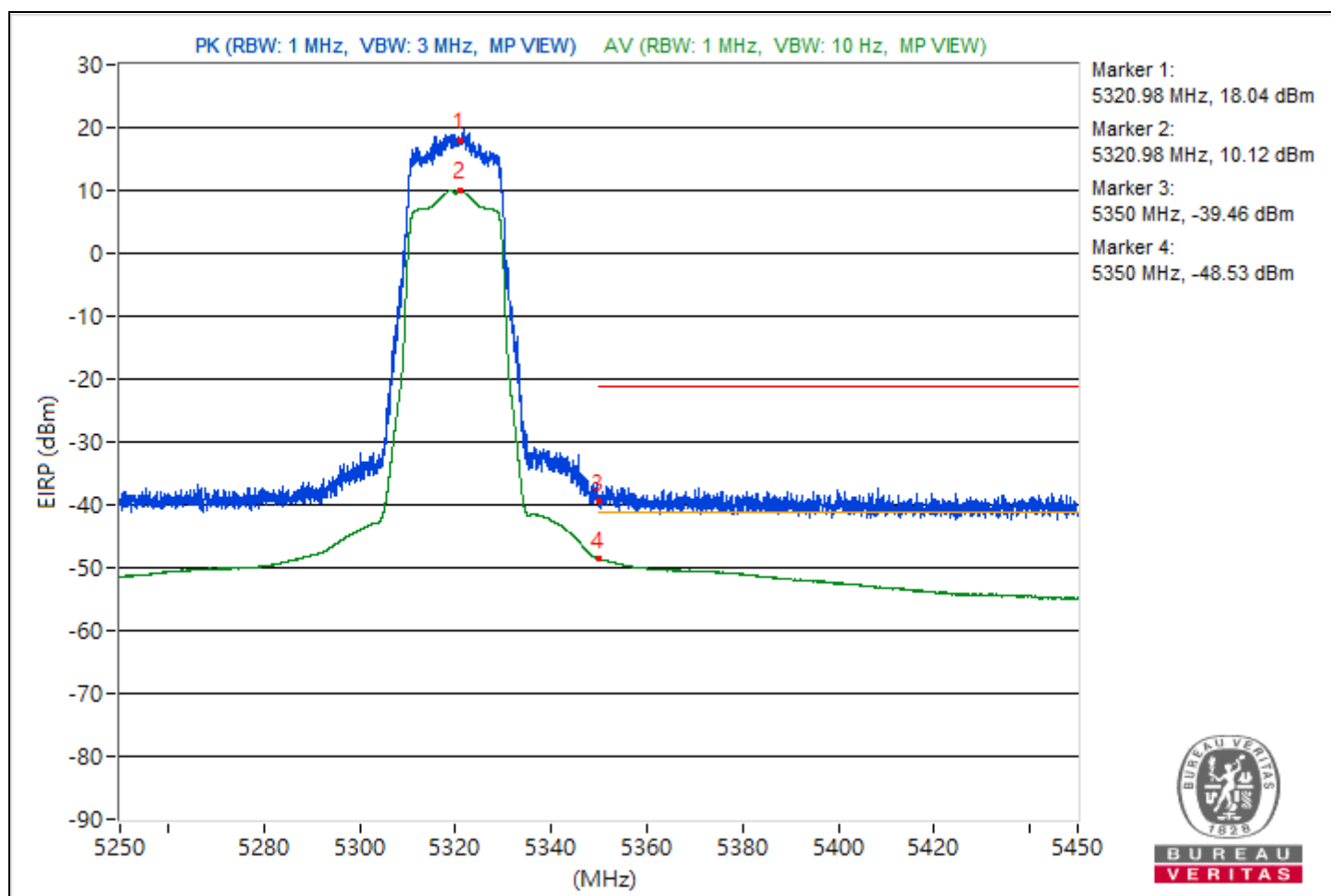


RF Mode	802.11be (EHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	5.25 GHz ~ 5.45 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5320.98	113.3 PK			7.55	7.56	7.47	18.04
2	*5320.98	105.38 AV			-0.52	-0.21	7.47	10.12
3	5350	55.8 PK	74	-18.2	-49.76	-50.14	7.47	-39.46
4	5350	46.73 AV	54	-7.27	-59.58	-58.51	7.47	-48.53

Notes:

1. Margin value = Emission Level - Limit value
2. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

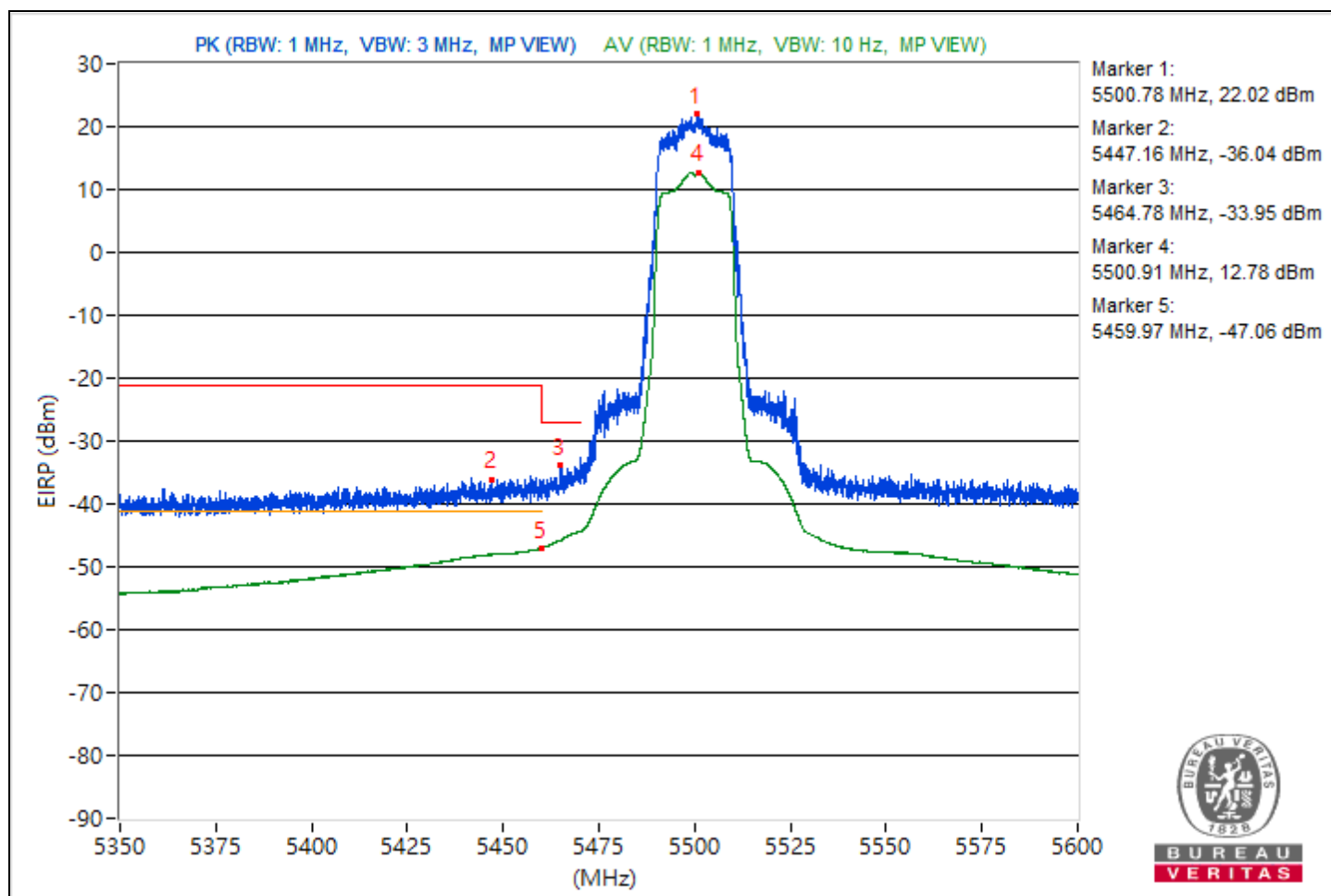


RF Mode	802.11be (EHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	5.35 GHz ~ 5.6 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5500.78	117.28 PK			10.88	11.47	7.82	22.02
2	5447.16	59.22 PK	74	-14.78	-49.14	-45.39	7.82	-36.04
3	#5464.78	61.31 PK	68.26	-6.95	-43.15	-47.45	7.82	-33.95
4	*5500.91	108.04 AV			1.91	1.99	7.82	12.78
5	5459.97	48.2 AV	54	-5.8	-57.8	-57.98	7.82	-47.06

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
3. " # ": The radiated frequency is out of the restricted band.

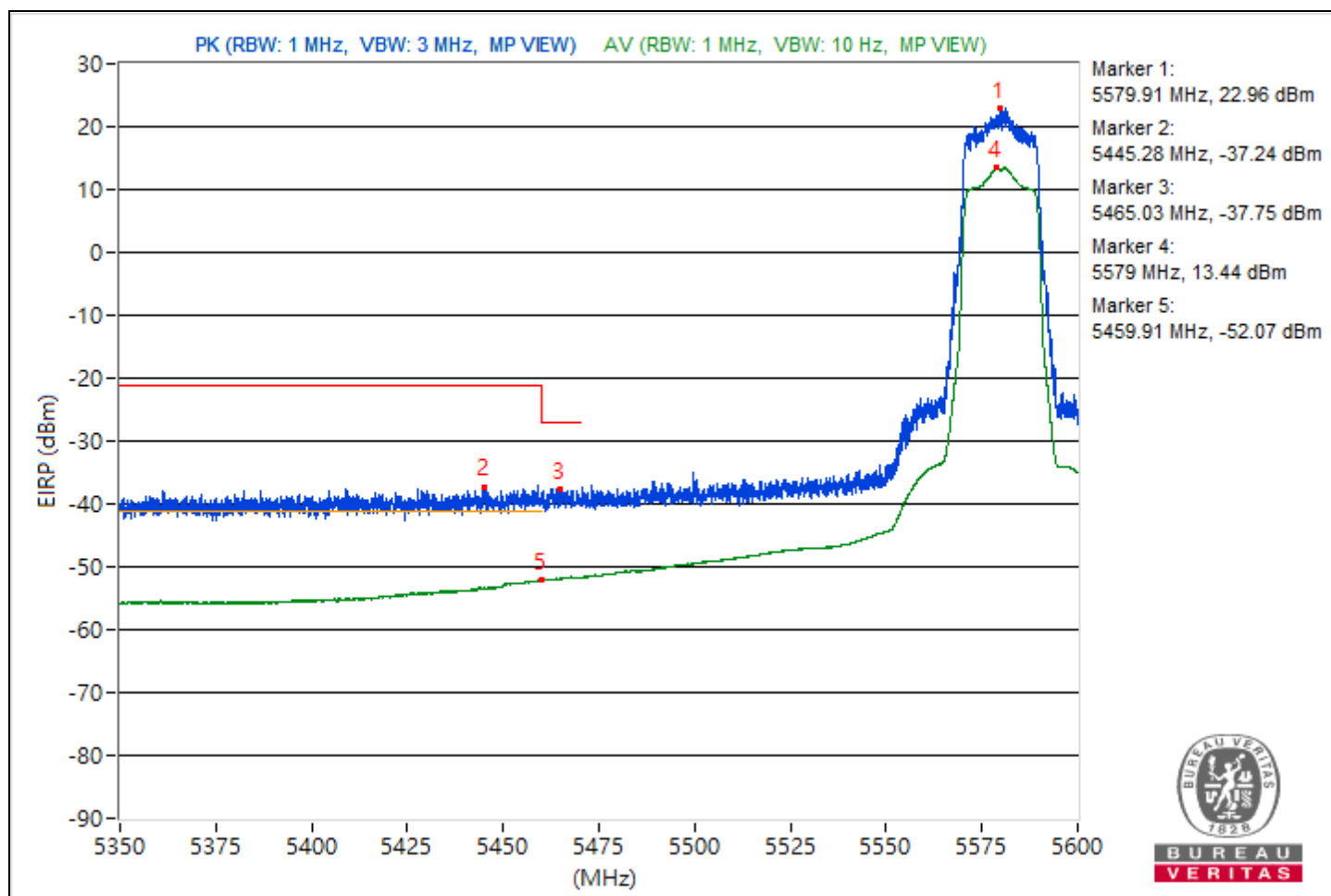


RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	5.35 GHz ~ 5.6 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5579.91	118.22 PK			10.63	13.24	7.82	22.96
2	5445.28	58.02 PK	74	-15.98	-46.76	-49.95	7.82	-37.24
3	#5465.03	57.51 PK	68.26	-10.75	-50.09	-47.46	7.82	-37.75
4	*5579	108.7 AV			2.55	2.68	7.82	13.44
5	5459.91	43.19 AV	54	-10.81	-62.61	-63.22	7.82	-52.07

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
3. " # ": The radiated frequency is out of the restricted band.

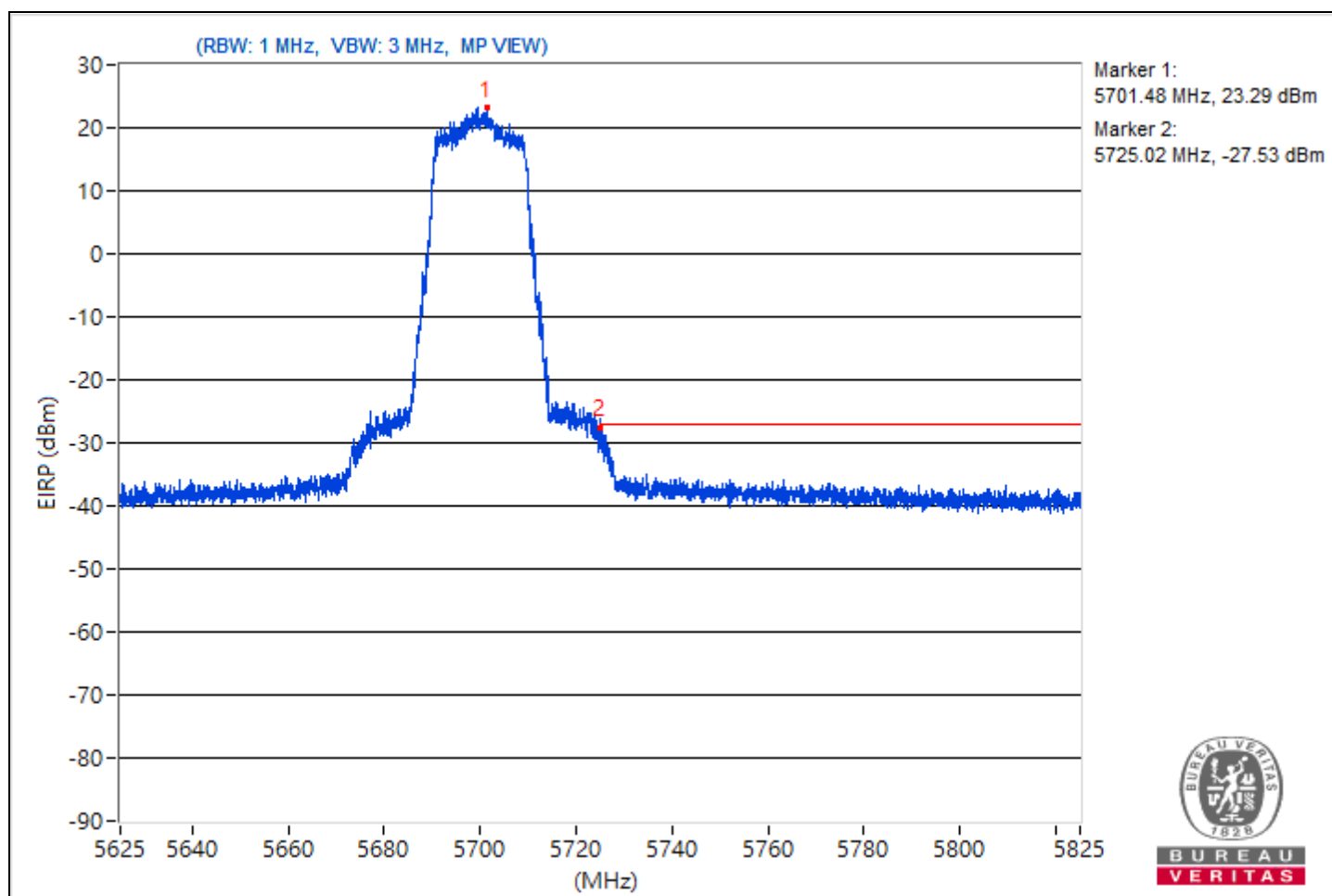


RF Mode	802.11be (EHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	5.625 GHz ~ 5.825 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5701.48	118.55			13.42	11.24	7.82	23.29
2	#5725.02	67.73	68.26	-0.53	-39.06	-37.76	7.82	-27.53

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
3. " # ": The radiated frequency is out of the restricted band.

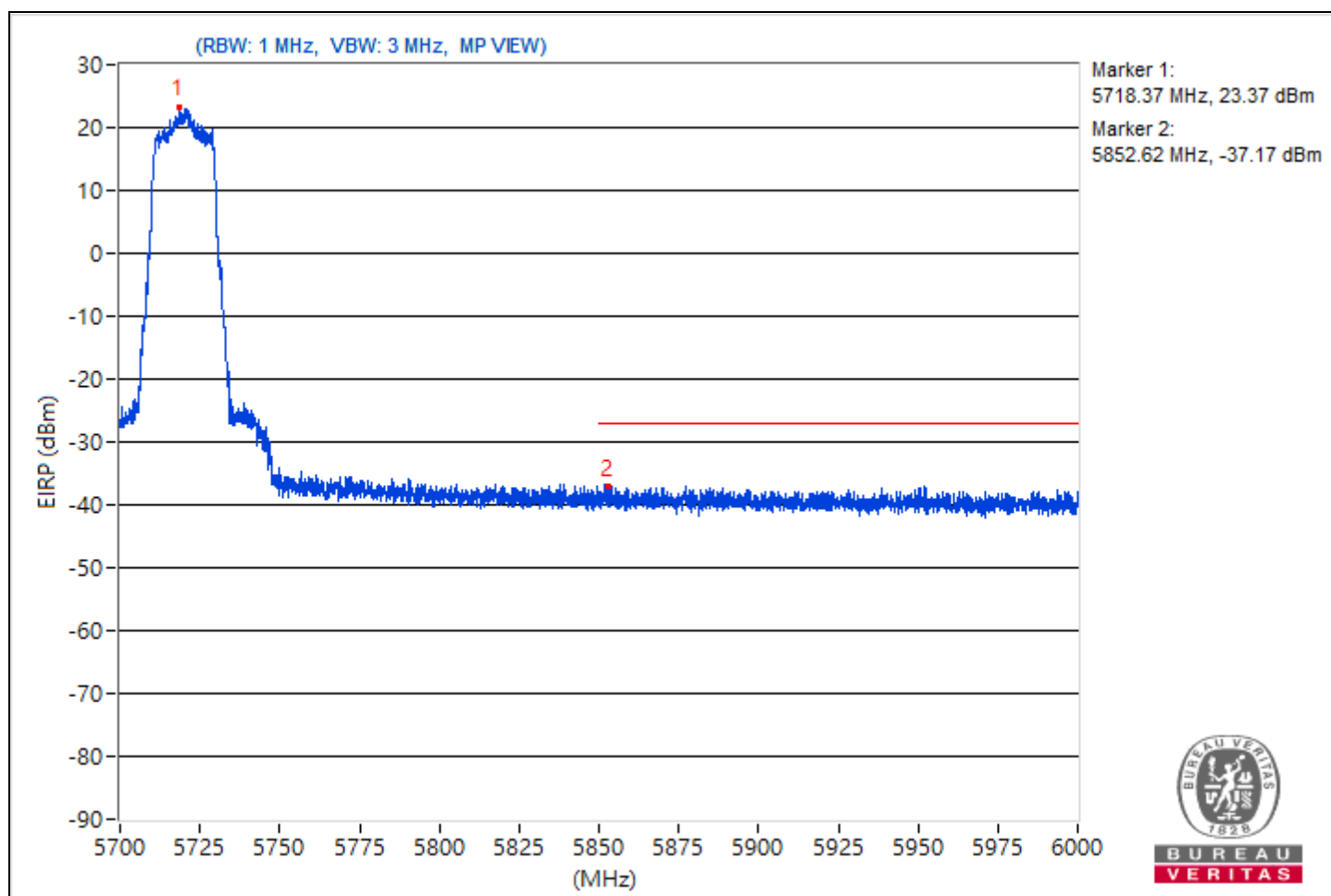


RF Mode	802.11be (EHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	5.7 GHz ~ 6 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5718.37	118.63			11.64	13.29	7.82	23.37
2	#5852.62	58.09	68.26	-10.17	-50.36	-46.48	7.82	-37.17

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
3. " # ": The radiated frequency is out of the restricted band.

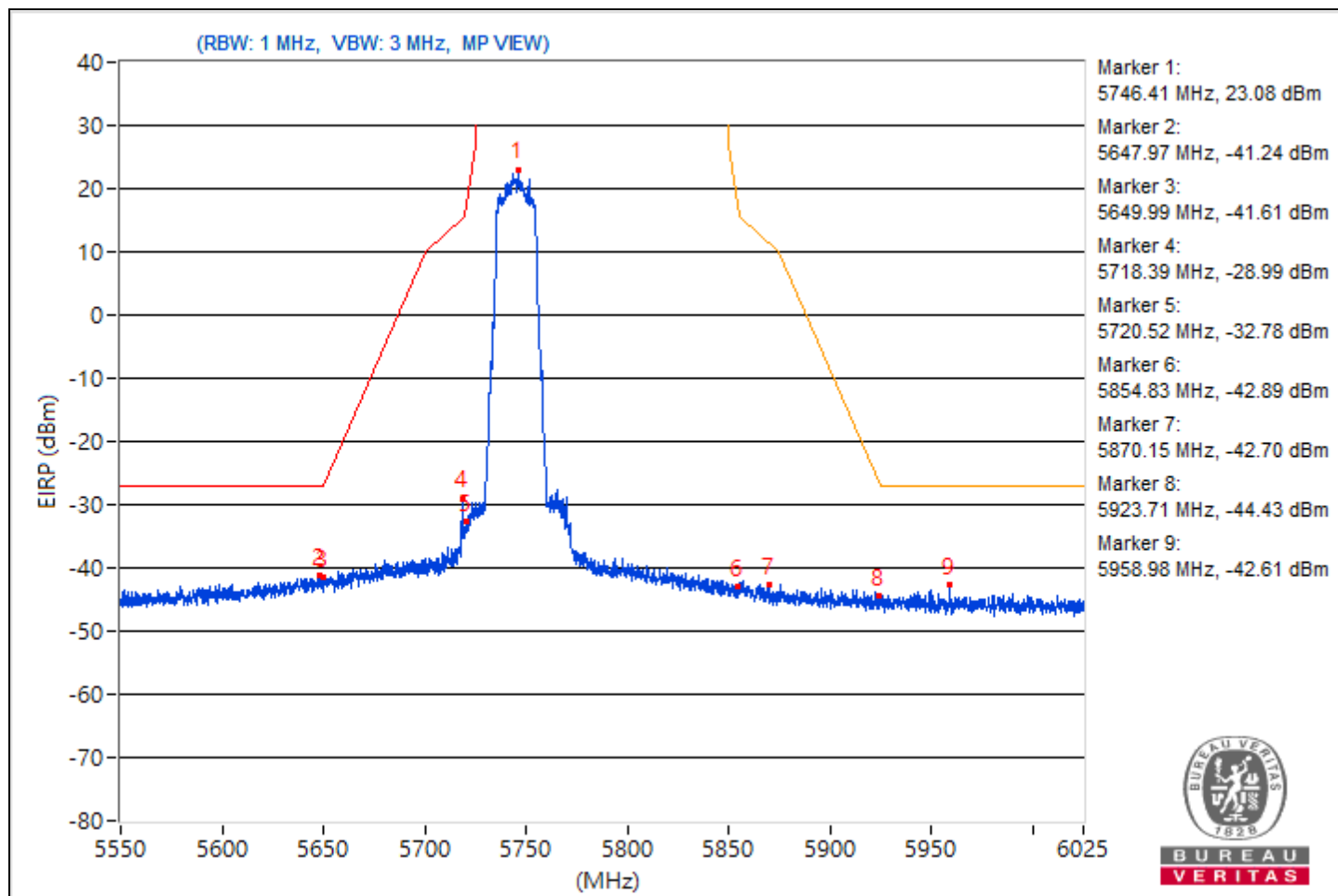


RF Mode	802.11be (EHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	5.55 GHz ~ 6.025 GHz	Environmental Conditions	24°C, 72% RH
Tested By	Kevin Ko		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5746.41	118.34			11.72	12.89	7.73	23.08
2	#5647.97	54.02	68.26	-14.24	-51.46	-52.58	7.73	-41.24
3	#5649.99	53.65	68.26	-14.61	-51.51	-53.39	7.73	-41.61
4	#5718.39	66.27	110.41	-44.14	-46.57	-37.19	7.73	-28.99
5	#5720.52	62.48	112.06	-49.58	-44.99	-42.42	7.73	-32.78
6	#5854.83	52.37	111.24	-58.87	-53.38	-53.9	7.73	-42.89
7	#5870.15	52.56	106.62	-54.06	-53.37	-53.51	7.73	-42.7
8	#5923.71	50.83	69.22	-18.39	-54.32	-56.22	7.73	-44.43
9	#5958.98	52.65	68.26	-15.61	-51.55	-56.49	7.73	-42.61

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
3. " # ": The radiated frequency is out of the restricted band.

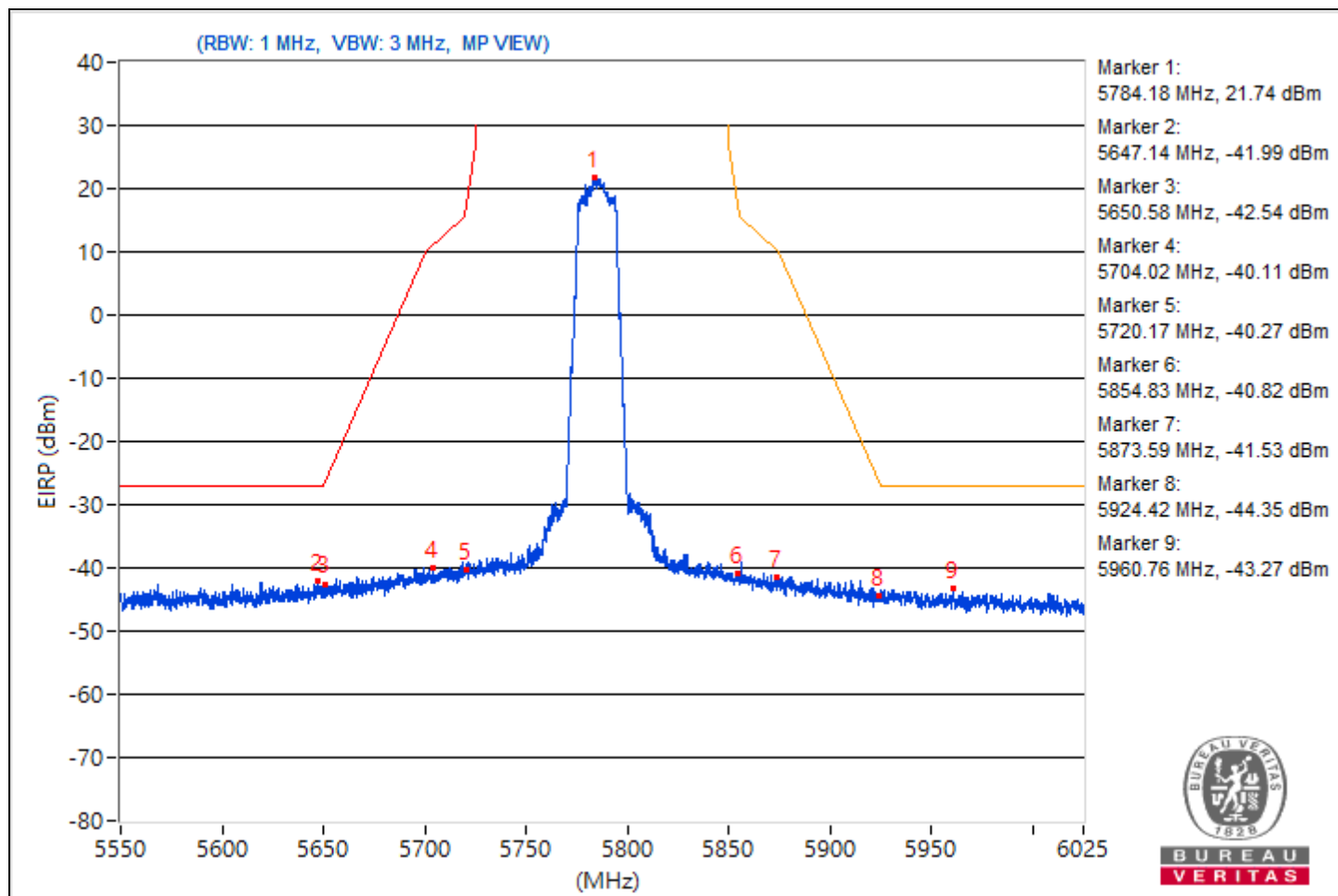


RF Mode	802.11be (EHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	5.55 GHz ~ 6.025 GHz	Environmental Conditions	24°C, 72% RH
Tested By	Kevin Ko		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5784.18	117			11.54	10.39	7.73	21.74
2	#5647.14	53.27	68.26	-14.99	-54.84	-51.32	7.73	-41.99
3	#5650.58	52.72	68.69	-15.97	-52.57	-54.13	7.73	-42.54
4	#5704.02	55.15	106.39	-51.24	-52	-49.94	7.73	-40.11
5	#5720.17	54.99	111.24	-56.25	-50.49	-51.59	7.73	-40.27
6	#5854.83	54.44	111.24	-56.8	-51.83	-51.31	7.73	-40.82
7	#5873.59	53.73	105.65	-51.92	-51.53	-53.15	7.73	-41.53
8	#5924.42	50.91	68.69	-17.78	-55.29	-54.91	7.73	-44.35
9	#5960.76	51.99	68.26	-16.27	-55.58	-52.85	7.73	-43.27

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
3. " # ": The radiated frequency is out of the restricted band.

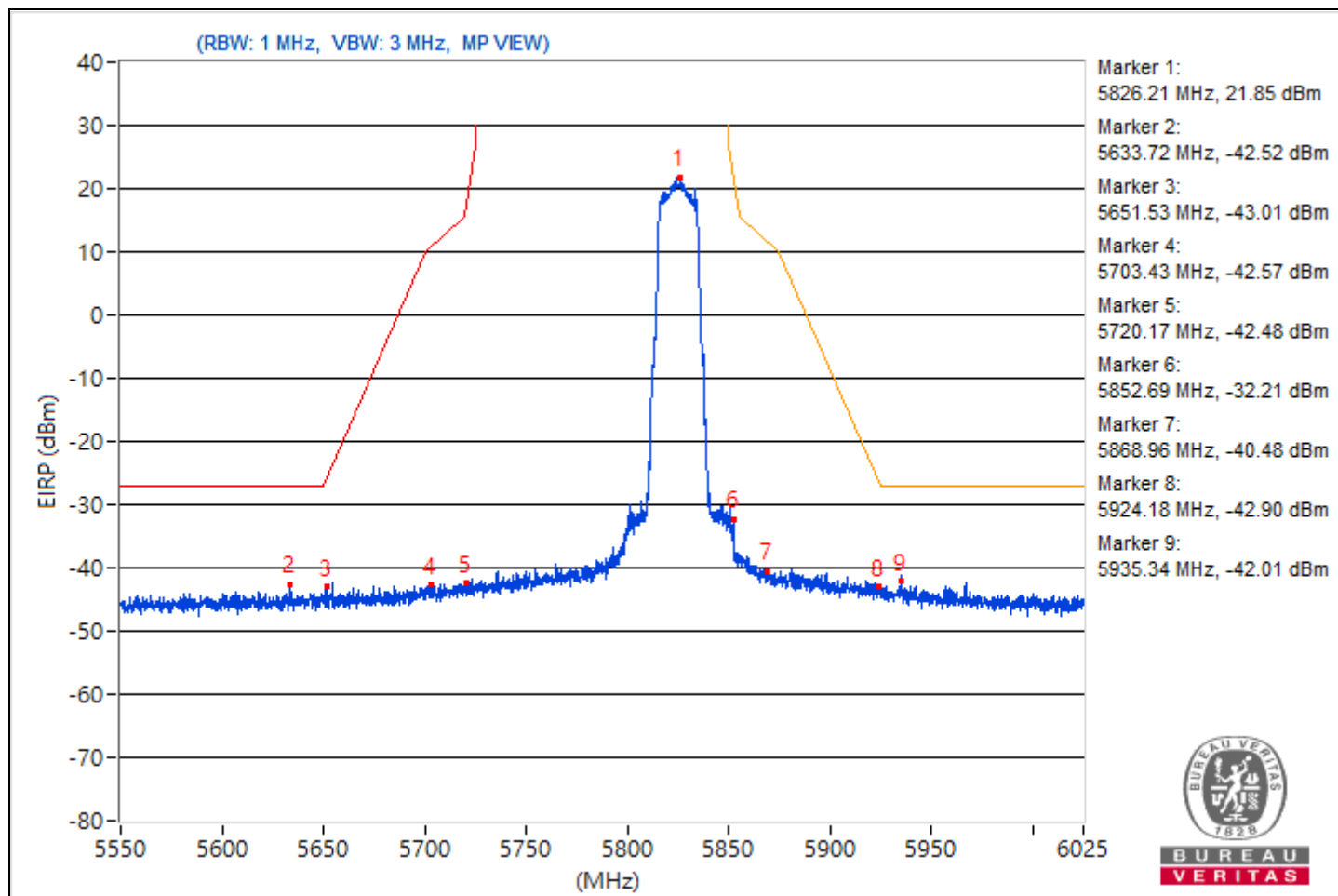


RF Mode	802.11be (EHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	5.55 GHz ~ 6.025 GHz	Environmental Conditions	24°C, 72% RH
Tested By	Kevin Ko		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5826.21	117.11			10.55	11.61	7.73	21.85
2	#5633.72	52.74	68.26	-15.52	-56.26	-51.5	7.73	-42.52
3	#5651.53	52.25	69.39	-17.14	-52.82	-54.93	7.73	-43.01
4	#5703.43	52.69	106.22	-53.53	-54.6	-52.31	7.73	-42.57
5	#5720.17	52.78	111.24	-58.46	-53.95	-52.59	7.73	-42.48
6	#5852.69	63.05	116.12	-53.07	-40.53	-48.91	7.73	-32.21
7	#5868.96	54.78	106.95	-52.17	-49.53	-54.04	7.73	-40.48
8	#5924.18	52.36	68.87	-16.51	-52.9	-54.53	7.73	-42.9
9	#5935.34	53.25	68.26	-15.01	-51.17	-55.26	7.73	-42.01

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
3. " # ": The radiated frequency is out of the restricted band.

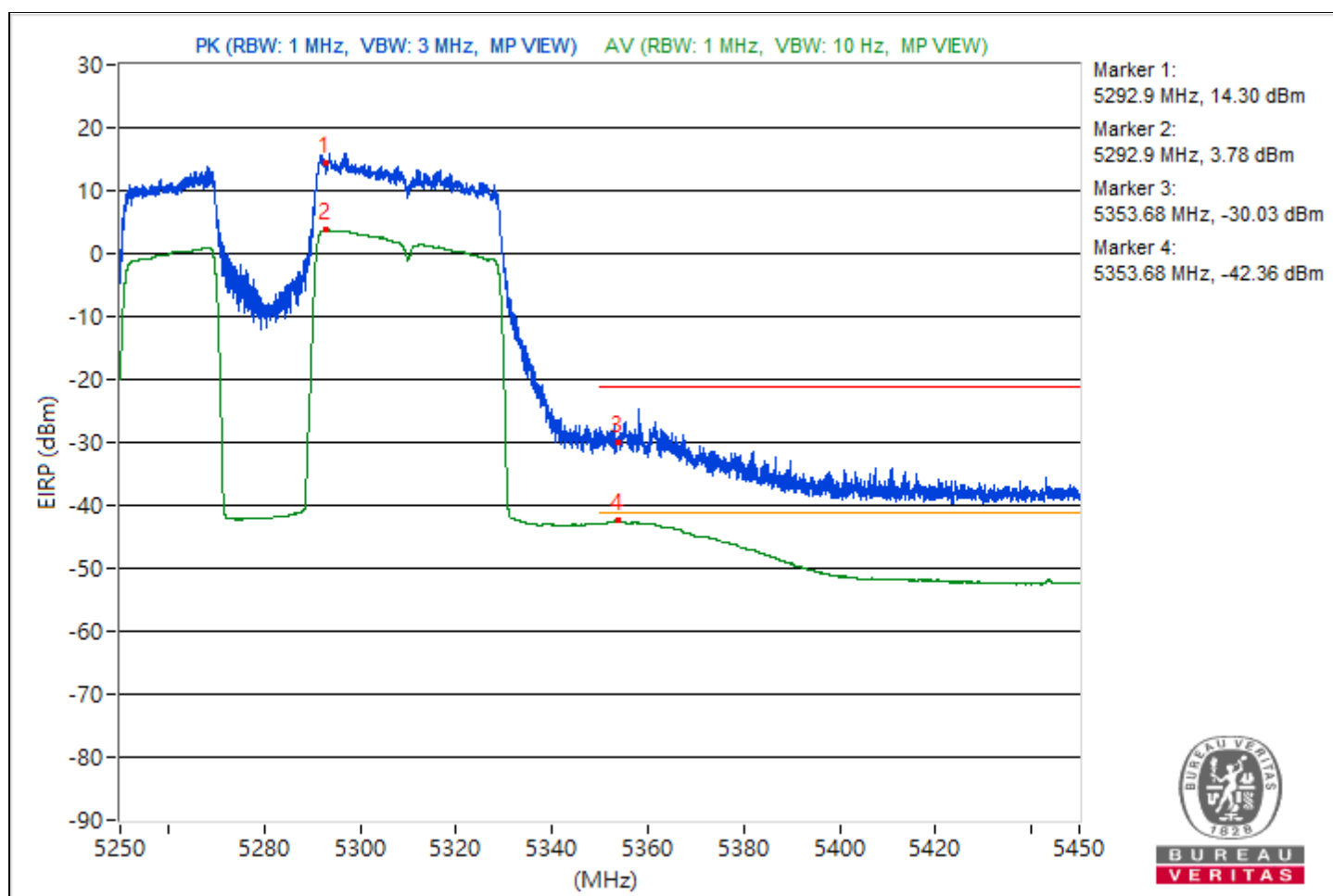


RF Mode	802.11be (EHT80) 484+242-tone MRU	Channel	CH 58 : 5290 MHz
Frequency Range	5.25 GHz ~ 5.45 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5292.9	109.56 PK			1.98	5.12	7.47	14.3
2	*5292.9	99.04 AV			-7.09	-6.35	7.47	3.78
3	5353.68	65.23 PK	74	-8.77	-41.84	-39.5	7.47	-30.03
4	5353.68	52.9 AV	54	-1.1	-53.85	-52.03	7.47	-42.36

Notes:

1. Margin value = Emission Level - Limit value
2. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

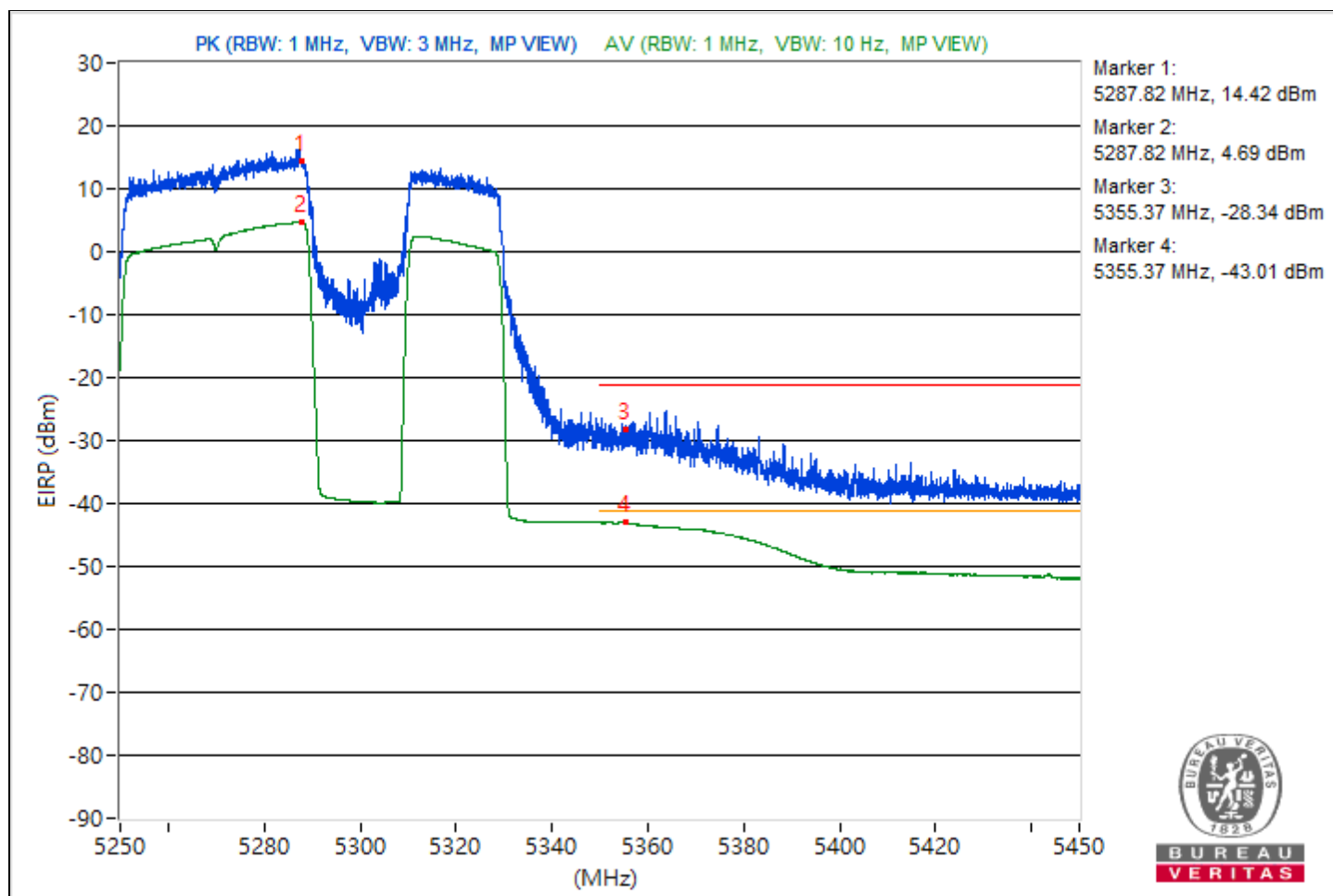


RF Mode	802.11be (EHT80) Punctured by 20 MHz	Channel	CH 58 : 5290 MHz
Frequency Range	5.25 GHz ~ 5.45 GHz	Environmental Conditions	26°C, 66% RH
Tested By	Dolly Chung		

Conducted Band Edge								
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value Chain 0 (dBm)	Raw Value Chain 1 (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	*5287.82	109.68 PK			3.59	4.27	7.47	14.42
2	*5287.82	99.95 AV			-6.13	-5.48	7.47	4.69
3	5355.37	66.92 PK	74	-7.08	-38.2	-39.56	7.47	-28.34
4	5355.37	52.25 AV	54	-1.75	-53.8	-53.2	7.47	-43.01

Notes:

1. Margin value = Emission Level - Limit value
2. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



Mode B

RF Mode	802.11be (EHT20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	#10360.00	46.1 PK	68.2	-22.1	1.04 H	172	35.5	10.6
2	15540.00	45.7 PK	74.0	-28.3	1.27 H	215	33.7	12.0
3	15540.00	34.5 AV	54.0	-19.5	1.27 H	215	22.5	12.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#10360.00	45.8 PK	68.2	-22.4	1.10 V	203	35.2	10.6
2	15540.00	46.1 PK	74.0	-27.9	1.13 V	184	34.1	12.0
3	15540.00	34.0 AV	54.0	-20.0	1.13 V	184	22.0	12.0

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	#10400.00	45.7 PK	68.2	-22.5	1.07 H	174	34.8	10.9
2	15600.00	45.8 PK	74.0	-28.2	1.29 H	215	34.3	11.5
3	15600.00	34.5 AV	54.0	-19.5	1.29 H	215	23.0	11.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#10400.00	46.3 PK	68.2	-21.9	1.15 V	211	35.4	10.9
2	15600.00	45.9 PK	74.0	-28.1	1.15 V	180	34.4	11.5
3	15600.00	33.9 AV	54.0	-20.1	1.15 V	180	22.4	11.5

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	#10480.00	45.6 PK	68.2	-22.6	1.08 H	172	34.7	10.9
2	15720.00	46.0 PK	74.0	-28.0	1.27 H	216	34.6	11.4
3	15720.00	34.6 AV	54.0	-19.4	1.27 H	216	23.2	11.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#10480.00	46.1 PK	68.2	-22.1	1.08 V	201	35.2	10.9
2	15720.00	46.6 PK	74.0	-27.4	1.16 V	170	35.2	11.4
3	15720.00	34.3 AV	54.0	-19.7	1.16 V	170	22.9	11.4

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	#10520.00	46.1 PK	68.2	-22.1	1.07 H	177	35.2	10.9
2	15780.00	46.2 PK	74.0	-27.8	1.32 H	201	34.5	11.7
3	15780.00	34.7 AV	54.0	-19.3	1.32 H	201	23.0	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	#10520.00	46.1 PK	68.2	-22.1	1.10 V	213	35.2	10.9
2	15780.00	46.2 PK	74.0	-27.8	1.18 V	187	34.5	11.7
3	15780.00	34.3 AV	54.0	-19.7	1.18 V	187	22.6	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. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11be (EHT20)	Channel	CH 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	10600.00	46.1 PK	74.0	-27.9	1.00 H	187	35.4	10.7
2	10600.00	35.1 AV	54.0	-18.9	1.00 H	187	24.4	10.7
3	15900.00	46.0 PK	74.0	-28.0	1.24 H	211	34.0	12.0
4	15900.00	34.8 AV	54.0	-19.2	1.24 H	211	22.8	12.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	10600.00	45.7 PK	74.0	-28.3	1.12 V	205	35.0	10.7
2	10600.00	35.2 AV	54.0	-18.8	1.12 V	205	24.5	10.7
3	15900.00	45.7 PK	74.0	-28.3	1.14 V	169	33.7	12.0
4	15900.00	33.6 AV	54.0	-20.4	1.14 V	169	21.6	12.0

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	10640.00	46.3 PK	74.0	-27.7	1.00 H	158	35.6	10.7
2	10640.00	35.6 AV	54.0	-18.4	1.00 H	158	24.9	10.7
3	15960.00	45.2 PK	74.0	-28.8	1.31 H	217	32.9	12.3
4	15960.00	34.9 AV	54.0	-19.1	1.31 H	217	22.6	12.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	10640.00	45.9 PK	74.0	-28.1	1.09 V	211	35.2	10.7
2	10640.00	35.3 AV	54.0	-18.7	1.09 V	211	24.6	10.7
3	15960.00	44.8 PK	74.0	-29.2	1.11 V	196	32.5	12.3
4	15960.00	33.6 AV	54.0	-20.4	1.11 V	196	21.3	12.3

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	11000.00	46.2 PK	74.0	-27.8	1.03 H	168	34.9	11.3
2	11000.00	35.3 AV	54.0	-18.7	1.03 H	168	24.0	11.3
3	#16500.00	45.3 PK	68.2	-22.9	1.24 H	199	31.9	13.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	11000.00	45.7 PK	74.0	-28.3	1.08 V	208	34.4	11.3
2	11000.00	35.1 AV	54.0	-18.9	1.08 V	208	23.8	11.3
3	#16500.00	45.7 PK	68.2	-22.5	1.11 V	172	32.3	13.4

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	11160.00	46.2 PK	74.0	-27.8	1.08 H	167	34.9	11.3
2	11160.00	35.6 AV	54.0	-18.4	1.08 H	167	24.3	11.3
3	#16740.00	46.0 PK	68.2	-22.2	1.29 H	205	30.6	15.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	11160.00	45.8 PK	74.0	-28.2	1.15 V	218	34.5	11.3
2	11160.00	35.5 AV	54.0	-18.5	1.15 V	218	24.2	11.3
3	#16740.00	46.0 PK	68.2	-22.2	1.17 V	177	30.6	15.4

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	11400.00	46.3 PK	74.0	-27.7	1.03 H	174	34.4	11.9
2	11400.00	35.5 AV	54.0	-18.5	1.03 H	174	23.6	11.9
3	#17100.00	46.1 PK	68.2	-22.1	1.24 H	227	30.0	16.1
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	11400.00	45.7 PK	74.0	-28.3	1.15 V	205	33.8	11.9
2	11400.00	35.5 AV	54.0	-18.5	1.15 V	205	23.6	11.9
3	#17100.00	46.5 PK	68.2	-21.7	1.12 V	199	30.4	16.1

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11be (EHT20)	Channel	CH 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	11440.00	46.5 PK	74.0	-27.5	1.03 H	187	34.6	11.9
2	11440.00	35.6 AV	54.0	-18.4	1.03 H	187	23.7	11.9
3	#17160.00	45.9 PK	68.2	-22.3	1.23 H	218	29.9	16.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	11440.00	46.1 PK	74.0	-27.9	1.06 V	216	34.2	11.9
2	11440.00	35.5 AV	54.0	-18.5	1.06 V	216	23.6	11.9
3	#17160.00	45.7 PK	68.2	-22.5	1.12 V	179	29.7	16.0

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	11490.00	45.6 PK	74.0	-28.4	1.06 H	170	33.8	11.8
2	11490.00	35.0 AV	54.0	-19.0	1.06 H	170	23.2	11.8
3	#17235.00	46.3 PK	68.2	-21.9	1.22 H	206	30.1	16.2
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	11490.00	45.9 PK	74.0	-28.1	1.04 V	193	34.1	11.8
2	11490.00	35.2 AV	54.0	-18.8	1.04 V	193	23.4	11.8
3	#17235.00	45.7 PK	68.2	-22.5	1.09 V	191	29.5	16.2

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11be (EHT20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	11570.00	45.4 PK	74.0	-28.6	1.10 H	156	34.1	11.3
2	11570.00	34.9 AV	54.0	-19.1	1.10 H	156	23.6	11.3
3	#17355.00	45.4 PK	68.2	-22.8	1.26 H	208	28.6	16.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	11570.00	45.7 PK	74.0	-28.3	1.07 V	210	34.4	11.3
2	11570.00	34.9 AV	54.0	-19.1	1.07 V	210	23.6	11.3
3	#17355.00	46.2 PK	68.2	-22.0	1.12 V	200	29.4	16.8

Remarks:

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

RF Mode	802.11be (EHT20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	11650.00	45.7 PK	74.0	-28.3	1.00 H	180	34.5	11.2
2	11650.00	35.1 AV	54.0	-18.9	1.00 H	180	23.9	11.2
3	#17475.00	46.0 PK	68.2	-22.2	1.29 H	230	28.3	17.7
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	11650.00	45.5 PK	74.0	-28.5	1.14 V	189	34.3	11.2
2	11650.00	34.8 AV	54.0	-19.2	1.14 V	189	23.6	11.2
3	#17475.00	46.1 PK	68.2	-22.1	1.19 V	169	28.4	17.7

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11be (EHT80) Punctured by 20 MHz	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	#10580.00	46.1 PK	68.2	-22.1	1.04 H	172	35.2	10.9
2	15870.00	45.7 PK	74.0	-28.3	1.27 H	215	33.7	12.0
3	15870.00	34.5 AV	54.0	-19.5	1.27 H	215	22.5	12.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#10580.00	45.8 PK	68.2	-22.4	1.10 V	203	34.9	10.9
2	15870.00	46.1 PK	74.0	-27.9	1.13 V	184	34.1	12.0
3	15870.00	34.0 AV	54.0	-20.0	1.13 V	184	22.0	12.0

Remarks:

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

RF Mode	802.11be (EHT80) 484+242-tone MRU	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	26 °C, 71% RH
Tested By	Louis Yang		

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	#10580.00	45.3 PK	68.2	-22.9	1.09 H	195	34.4	10.9
2	15870.00	46.2 PK	74.0	-27.8	1.17 H	174	34.2	12.0
3	15870.00	33.9 AV	54.0	-20.1	1.17 H	174	21.9	12.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#10580.00	45.4 PK	68.2	-22.8	1.10 V	191	34.5	10.9
2	15870.00	45.6 PK	74.0	-28.4	1.08 V	186	33.6	12.0
3	15870.00	33.5 AV	54.0	-20.5	1.08 V	186	21.5	12.0

Remarks:

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

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

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

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