

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)
Report No.: RFBARR-WTW-P24120359-5
FCC ID: RAS-MT7925B14LA
Product: 2TX 11be (WiFi7) BW160 + BT/BLE Combo Card
Brand: MediaTek
Model No.: MT7925B14LA
Received Date: 2024/12/11
Test Date: 2024/12/13 ~ 2025/3/26
Issued Date: 2025/4/10
Applicant: MediaTek Inc.
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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory
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FCC Registration / 723255 / TW2022
Designation Number:

Approved by: _____, **Date:** 2025/4/10
May Chen / Manager

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Prepared by : Phoenix Huang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBARR-WTW-P24120359-5	Original release.	2025/4/10

1 Certificate

Product: 2TX 11be (WiFi7) BW160 + BT/BLE Combo Card

Brand: MediaTek

Test Model: MT7925B14LA

Sample Status: Engineering sample

Applicant: MediaTek Inc.

Test Date: 2024/12/13 ~ 2025/3/26

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

Measurement ANSI C63.10-2013

procedure: KDB 987594 D02 U-NII 6 GHz EMC Measurement v03

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)(7) 15.407(a)(8)	Maximum RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(7) 15.407(a)(8)	Maximum Power Spectral Density	Pass	Meet the requirement of limit.
15.407(a)(11)	Emission Bandwidth	Pass	Meet the requirement of limit.
---	Occupied Bandwidth	-	Reference only.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -8.58 dB at 0.15000 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -1.4 dB at 696.06 MHz
15.407(b)(6) 15.407(b)(10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.95 dB at 5924.95 MHz
15.407(b)(7)	In-Band Emission Mask	Pass	Meet the requirement of limit.
15.407(d)(6)	Contention-based Protocol	Pass	Meet the requirement of limit.
15.407(a)(7)	APC (Automatic Power Control) and Proper Power Adjustment	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	Antenna connector is i-pex(MHF) not a standard connector.

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

2.1 Measurement Uncertainty

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

Measurement	Specification	Expanded Uncertainty (k=2) (±)
Maximum RF Output Power	-	1.1 dB
Maximum Power Spectral Density	-	1.3 dB
Emission Bandwidth	-	1050.00 Hz
In-Band Emission Mask	9 kHz ~ 40 GHz	2.6 dB
Occupied Bandwidth	-	1050.00 Hz
Contention-based Protocol	-	2.7 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	5.5 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.1 dB
	18 GHz ~ 40 GHz	5.3 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description of EUT

Product	2TX 11be (WiFi7) BW160 + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7925B14LA
Status of EUT	Engineering sample
Power Supply Rating	3.3 Vdc from host equipment
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDMA in 11ax mode 4096QAM for OFDMA in 11be mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11ax: up to 2401.9 Mbps 802.11be: up to 2882.4 Mbps
Operating Frequency	5.955 GHz ~ 6.415 GHz 6.435 GHz ~ 6.525 GHz 6.535 GHz ~ 6.865 GHz 6.875 GHz ~ 7.115 GHz
Number of Channel	802.11a, 802.11ax (HE20), 802.11be (EHT20):59 802.11ax (HE40), 802.11be (EHT40): 29 802.11ax (HE80), 802.11be (EHT80): 14 802.11ax (HE160), 802.11be (EHT160): 7
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, 996-tone + 484-tone + 242-tone
Output Power	(under the control of a low-power indoor AP) 1TX: 5.955 GHz ~ 6.415 GHz: EIRP: 87.697 mW (19.43 dBm) 6.435 GHz ~ 6.525 GHz: EIRP: 82.984 mW (19.19 dBm) 6.535 GHz ~ 6.865 GHz: EIRP: 85.506 mW (19.32 dBm) 6.875 GHz ~ 7.115 GHz: EIRP: 85.506 mW (19.32 dBm) 2TX: 5.955 GHz ~ 6.415 GHz: EIRP: 85.719 mW (19.33 dBm) 6.435 GHz ~ 6.525 GHz: EIRP: 84.571 mW (19.27 dBm) 6.535 GHz ~ 6.865 GHz: EIRP: 85.657 mW (19.33 dBm) 6.875 GHz ~ 7.115 GHz: EIRP: 86.529 mW (19.37 dBm) (under the control of a standard-power AP) 1TX: 5.955 GHz ~ 6.415 GHz: EIRP: 853.099 mW (29.31 dBm) 6.535 GHz ~ 6.855 GHz: EIRP: 767.359 mW (28.85 dBm) 2TX: 5.955 GHz ~ 6.415 GHz: EIRP: 891.588 mW (29.5 dBm) 6.535 GHz ~ 6.855 GHz: EIRP: 887.555 mW (29.48 dBm)
Equipment Class	6CD: 15E 6 GHz Dual client

Note:

1. There are Bluetooth and WLAN (2.4 GHz & 5 GHz & 5.9 GHz & 6 GHz) technology used for the EUT.
2. Simultaneously transmission combination.

Combination	Technology	
1	WLAN (5 GHz) (2TX)	Bluetooth
2	WLAN (5.9 GHz) (2TX)	Bluetooth
3	WLAN (6 GHz) (2TX)	Bluetooth
4	WLAN (2.4 GHz) (1TX)	WLAN (5 GHz) (1TX)
5	WLAN (2.4 GHz) (1TX)	WLAN (5.9 GHz) (1TX)
6	WLAN (2.4 GHz) (1TX)	WLAN (6 GHz) (1TX)

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

3. The EUT support OFDMA and Partial RU mode, therefore partial RU combination were investigated and the worst case scenario was identified.
4. The EUT support MRU mode is listed as below.

BW	Small size		Large size		
	52+26-tone MRU	106+26-tone MRU	484+242-tone MRU	996+484-tone MRU	996+484+242-tone MRU
20 MHz	v	v	-	-	-
40 MHz	v	v	-	-	-
80 MHz	v	v	v	-	-
160 MHz	v	v	v	v	v

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

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna Set	RF Chain NO.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	Chain0	PSA	RFMTA311020EMMB301	1.71 4.82 4.76 4.29 4.61 4.09	2.4 ~ 2.4835 5.15 ~ 5.895 5.925 ~ 6.425 6.425 ~ 6.525 6.525 ~ 6.875 6.875 ~ 7.125	PIFA	i-pex(MHF)	200
	Chain1	PSA	RFMTA311020EMMB301	1.71 4.82 4.76 4.29 4.61 4.09	2.4 ~ 2.4835 5.15 ~ 5.895 5.925 ~ 6.425 6.425 ~ 6.525 6.525 ~ 6.875 6.875 ~ 7.125	PIFA	i-pex(MHF)	200
2	Chain0	INPAQ	RFFPA493517EMAB901	6.19	2.4 ~ 2.4835	PIFA	i-pex(MHF)	125
	Chain1	INPAQ	RFFPA493517EMAB901	6.19	2.4 ~ 2.4835	PIFA	i-pex(MHF)	125
3	Chain0	INPAQ	RFFPA494517EM5B901	8.37	5.15 ~ 5.925	PIFA	i-pex(MHF)	125
	Chain1	INPAQ	RFFPA494517EM5B901	8.37	5.15 ~ 5.925	PIFA	i-pex(MHF)	125
4	Chain0	INPAQ	RFFPA494217EM6B901	8.37	5.925 ~ 7.125	PIFA	i-pex(MHF)	125
	Chain1	INPAQ	RFFPA494217EM6B901	8.37	5.925 ~ 7.125	PIFA	i-pex(MHF)	125
5	Chain0	PSA	RFMTA421230IMMB701	-13.92 -13.91 -13.91 -14.46	5.925 ~ 6.425 6.425 ~ 6.525 6.525 ~ 6.875 6.875 ~ 7.125	PIFA	i-pex(MHF)	300
	Chain1	PSA	RFMTA421230IMMB701	-13.92 -13.91 -13.91 -14.46	5.925 ~ 6.425 6.425 ~ 6.525 6.525 ~ 6.875 6.875 ~ 7.125	PIFA	i-pex(MHF)	300

Note:

Antenna Set 4 was chosen for the final test.

Directional Gain = Gant + Array Gain

Array Gain = $10 \log(N_{ant}/N_{ss})$

For NSS=1, Directional Gain = Gant + Array Gain = Antenna Net Gain + $10 \log(N_{ant}/N_{ss}) = 8.37 + 10 \cdot \log(2/1) = 8.37 + 3.01 = 11.38 \text{ dBi}$

For NSS=2, Directional Gain = Gant + Array Gain = Antenna Net Gain + $10 \log(N_{ant}/N_{ss}) = 8.37 + 10 \cdot \log(2/2) = 8.37 + 0 = 8.37 \text{ dBi}$

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

2. The EUT incorporates a MIMO function:

6 GHz Band					
Modulation Mode	TX & RX Configuration			CDD Mode	Beamforming Mode
802.11a	SIMO	1TX (Diversity)	2RX	-	-
802.11ax (HE20)		1TX (Diversity)	2RX	-	-
802.11ax (HE40)		1TX (Diversity)	2RX	-	-
802.11ax (HE80)		1TX (Diversity)	2RX	-	-
802.11ax (HE160)		1TX (Diversity)	2RX	-	-
802.11be (EHT20)		1TX (Diversity)	2RX	-	-
802.11be (EHT40)		1TX (Diversity)	2RX	-	-
802.11be (EHT80)		1TX (Diversity)	2RX	-	-
802.11be (EHT160)		1TX (Diversity)	2RX	-	-
802.11ax (RU26/52/106/242/484/996/2*996)		1TX (Diversity)	2RX	-	-
802.11be (RU26/52/106/242/484/996/2*996 MRU52+26/106+26/ 484+242/996+484/996+484+242)		1TX (Diversity)	2RX	-	-
802.11a	MIMO	2TX	2RX	Support NSS=1	Not Support
802.11ax (HE20)		2TX	2RX	Support NSS=2 only	Not Support
802.11ax (HE40)		2TX	2RX	Support NSS=2 only	Not Support
802.11ax (HE80)		2TX	2RX	Support NSS=2 only	Not Support
802.11ax (HE160)		2TX	2RX	Support NSS=2 only	Not Support
802.11be (EHT20)		2TX	2RX	Support NSS=2 only	Not Support
802.11be (EHT40)		2TX	2RX	Support NSS=2 only	Not Support
802.11be (EHT80)		2TX	2RX	Support NSS=2 only	Not Support
802.11be (EHT160)		2TX	2RX	Support NSS=2 only	Not Support
802.11ax (RU26/52/106/242/484/996/2*996)		2TX	2RX	Support NSS=2 only	Not Support
802.11be (RU26/52/106/242/484/996/2*996 MRU52+26/106+26/ 484+242/996+484/996+484+242)		2TX	2RX	Support NSS=2 only	Not Support

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

3.3 Channel List

U-NII-5:

24 channels are provided for 802.11a, 802.11ax (HE20), 802.11be (EHT20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5995 MHz	13	6015 MHz
17	6035 MHz	21	6055 MHz	25	6075 MHz	29	6095 MHz
33	6115 MHz	37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz	61	6255 MHz
65	6275 MHz	69	6295 MHz	73	6315 MHz	77	6335 MHz
81	6355 MHz	85	6375 MHz	89	6395 MHz	93	6415 MHz

12 channels are provided for 802.11ax (HE40), 802.11be (EHT40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz	27	6085 MHz
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285 MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz

6 channels are provided for 802.11ax (HE80), 802.11be (EHT80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz	55	6225 MHz
71	6305 MHz	87	6385 MHz				

3 channels are provided for 802.11ax (HE160), 802.11be (EHT160):

Channel	Frequency	Channel	Frequency	Channel	Frequency
15	6025 MHz	47	6185 MHz	79	6345 MHz

U-NII-6: (under control of a low-power indoor access point only)

5 channels are provided for 802.11a, 802.11ax (HE20), 802.11be (EHT20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
97	6435 MHz	101	6455 MHz	105	6475 MHz	109	6495 MHz
113	6515 MHz						

3 channels are provided for 802.11ax (HE40), 802.11be (EHT40):

Channel	Frequency	Channel	Frequency	Channel	Frequency
99	6445 MHz	107	6485 MHz	*115	6525 MHz

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

Channel	Frequency
103	6465 MHz

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

Channel	Frequency
*111	6505 MHz

U-NII-7:

17 channels are provided for 802.11a, 802.11ax (HE20), 802.11be (EHT20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
117	6535 MHz	121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz	145	6675 MHz
149	6695 MHz	153	6715 MHz	157	6735 MHz	161	6755 MHz
165	6775 MHz	169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz						

8 channels are provided for 802.11ax (HE40), 802.11be (EHT40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz

5 channels are provided for 802.11ax (HE80), 802.11be (EHT80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
*119	6545 MHz	135	6625 MHz	151	6705 MHz	167	6785 MHz
*183	6865 MHz						

2 channels are provided for 802.11ax (HE160), 802.11be (EHT160):

Channel	Frequency	Channel	Frequency
143	6665 MHz	*175	6825 MHz

U-NII-8: (under control of a low-power indoor access point only)

13 channels are provided for 802.11a, 802.11ax (HE20), 802.11be (EHT20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
185	6875 MHz	189	6895 MHz	193	6915 MHz	197	6935 MHz
201	6955 MHz	205	6975 MHz	209	6995 MHz	213	7015 MHz
217	7035 MHz	221	7055 MHz	225	7075 MHz	229	7095 MHz
233	7115 MHz						

6 channels are provided for 802.11ax (HE40), 802.11be (EHT40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
187	6885 MHz	195	6925 MHz	203	6965 MHz	211	7005 MHz
219	7045 MHz	227	7085 MHz				

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

Channel	Frequency	Channel	Frequency
199	6945 MHz	215	7025 MHz

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

Channel	Frequency
207	6985 MHz

Note: * mean these are straddle channels and operating under control by under the control of a low-power indoor access point or indoor subordinate device only.

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). 2. The worst-case Partial RU modes across all supported bandwidth modes has been determined via pre-scan. The worst case occurs in 20 MHz bandwidth (RU 26/52/106). 3. For 1TX diversity configuration, transmit chain 0 and chain 1 have been evaluated, the chain 0 was the worst case and chosen for representative test.
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Following channel(s) was (were) selected for the final test as listed below:

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Maximum RF Output Power	A	802.11a	under control of a low-power indoor AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11ax (HE20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11ax (HE40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					99, 107, 115			
					123, 155, 179			
					187, 211, 227			
		802.11ax (HE80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					103			
					119, 151, 183			
					199, 215			
		802.11ax (HE160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					111			
					143, 175			
					207			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					99, 107, 115			
					123, 155, 179			
					187, 211, 227			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					103			
					119, 151, 183			
					199, 215			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					111			
					143, 175			
					207			

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Maximum RF Output Power	A	802.11ax (HE20) 26-tone RU	under control of a low- power indoor AP	1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					97, 113			0, 8
					117, 185			0, 8
					209, 233			0, 8
		802.11ax (HE20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					97, 113			37, 40
					117, 185			37, 40
					209, 233			37, 40
		802.11ax (HE20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					97, 113			53, 54
					117, 185			53, 54
					209, 233			53, 54
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					97, 113			0, 8
					117, 185			0, 8
					209, 233			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					97, 113			37, 40
					117, 185			37, 40
					209, 233			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					97, 113			53, 54
					117, 185			53, 54
					209, 233			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					97, 113			70, 72
					117, 185			70, 72
					209, 233			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					97, 113			82, 83
					117, 185			82, 83
					209, 233			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					103			93
					119, 183			93, 90
					199, 215			93, 90
		802.11be (EHT160) 996+484-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					111			95-1
					143, 175			95-1, 94-0
					207			94-0
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					111			99-1
					143, 175			99-1, 96-0
					207			96-0

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Maximum RF Output Power	A	802.11a	under control of a Standard Power AP	1TX / 2TX	1, 45, 93 117, 149, 181	BPSK	6Mb/s	NA
		802.11ax (HE20)		1S1T / 2S2T	1, 45, 93 117, 149, 181	BPSK	MCS0	NA
		802.11ax (HE40)		1S1T / 2S2T	3, 43, 91 123, 155, 179	BPSK	MCS0	NA
		802.11ax (HE80)		1S1T / 2S2T	7, 39, 87 135, 151, 167	BPSK	MCS0	NA
		802.11ax (HE160)		1S1T / 2S2T	15, 47, 79 143	BPSK	MCS0	NA
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93 117, 149, 181	BPSK	MCS0	NA
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91 123, 155, 179	BPSK	MCS0	NA
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87 135, 151, 167	BPSK	MCS0	NA
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79 143	BPSK	MCS0	NA
		802.11ax (HE20) 26-tone RU		1S1T / 2S2T	1, 93 117, 181	BPSK	MCS0	0, 8 0, 8
		802.11ax (HE20) 52-tone RU		1S1T / 2S2T	1, 93 117, 181	BPSK	MCS0	37, 40 37, 40
		802.11ax (HE20) 106-tone RU		1S1T / 2S2T	1, 93 117, 181	BPSK	MCS0	53, 54 53, 54
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93 117, 181	BPSK	MCS0	0, 8 0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93 117, 181	BPSK	MCS0	37, 40 37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93 117, 181	BPSK	MCS0	53, 54 53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93 117, 181	BPSK	MCS0	70, 72 70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93 117, 181	BPSK	MCS0	82, 83 82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87 135, 167,	BPSK	MCS0	93, 90 93, 90
		802.11be (EHT160) 996+484-tone MRU		1S1T / 2S2T	15, 79 143	BPSK	MCS0	95-1, 94-0 95-1
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79 143	BPSK	MCS0	99-1, 96-0 99-1

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Maximum Power Spectral Density	A	802.11a	under control of a low- power indoor AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					99, 107, 115			
					123, 155, 179			
					187, 211, 227			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					103			
					119, 151, 183			
					199, 215			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					111			
					143, 175			
					207			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					97, 113			0, 8
					117, 185			0, 8
					209, 233			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					97, 113			37, 40
					117, 185			37, 40
					209, 233			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					97, 113			53, 54
					117, 185			53, 54
					209, 233			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					97, 113			70, 72
					117, 185			70, 72
					209, 233			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					97, 113			82, 83
					117, 185			82, 83
					209, 233			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					103			93
					119, 183			93, 90
					199, 215			93, 90

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Maximum Power Spectral Density	A	802.11be (EHT160) 996+484-tone MRU	under control of a low- power indoor AP	1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					111			95-1
					143, 175			95-1, 94-0
					207			94-0
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					111			99-1
					143, 175			99-1, 96-0
					207			96-0
		802.11a	under control of a Standard Power AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					117, 149, 181			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					117, 149, 181			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					123, 155, 179			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					135, 151, 167			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					143			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					117, 181			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					117, 181			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					117, 181			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					117, 181			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					117, 181			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					135, 167,			93, 90
		802.11be (EHT160) 996+484-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					143			95-1
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					143			99-1

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Emission Bandwidth	A	802.11a	under control of a low- power indoor AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					99, 107, 115			
					123, 155, 179			
					187, 211, 227			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					103			
					119, 151, 183			
					199, 215			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					111			
					143, 175			
					207			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					97, 113			0, 8
					117, 185			0, 8
					209, 233			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					97, 113			37, 40
					117, 185			37, 40
					209, 233			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					97, 113			53, 54
					117, 185			53, 54
					209, 233			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					97, 113			70, 72
					117, 185			70, 72
					209, 233			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					97, 113			82, 83
					117, 185			82, 83
					209, 233			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					103			93
					119, 183			93, 90
					199, 215			93, 90

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Emission Bandwidth	A	802.11be (EHT160) 996+484-tone MRU	under control of a low- power indoor AP	1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					111			95-1
					143, 175			95-1, 94-0
					207			94-0
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					111			99-1
					143, 175			99-1, 96-0
					207			96-0
		802.11a	under control of a Standard Power AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					117, 149, 181			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					117, 149, 181			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					123, 155, 179			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					135, 151, 167			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					143			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					117, 181			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					117, 181			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					117, 181			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					117, 181			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					117, 181			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					135, 167,			93, 90
		802.11be (EHT160) 996+484-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					143			95-1
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					143			99-1

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
In-Band Emission Mask	A	802.11a	under control of a low- power indoor AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					99, 107, 115			
					123, 155, 179			
					187, 211, 227			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					103			
					119, 151, 183			
					199, 215			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					111			
					143, 175			
					207			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					97, 113			0, 8
					117, 185			0, 8
					209, 233			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					97, 113			37, 40
					117, 185			37, 40
					209, 233			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					97, 113			53, 54
					117, 185			53, 54
					209, 233			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					97, 113			70, 72
					117, 185			70, 72
					209, 233			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					97, 113			82, 83
					117, 185			82, 83
					209, 233			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					103			93
					119, 183			93, 90
					199, 215			93, 90

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
In-Band Emission Mask	A	802.11be (EHT160) 996+484-tone MRU	under control of a low- power indoor AP	1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					111			95-1
					143, 175			95-1, 94-0
					207			94-0
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					111			99-1
					143, 175			99-1, 96-0
					207			96-0
		802.11a	under control of a Standard Power AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					117, 149, 181			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					117, 149, 181			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					123, 155, 179			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					135, 151, 167			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					143			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					117, 181			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					117, 181			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					117, 181			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					117, 181			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					117, 181			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					135, 167,			93, 90
		802.11be (EHT160) 996+484-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					143			95-1
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					143			99-1

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Occupied Bandwidth	A	802.11a	under control of a low- power indoor AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					99, 107, 115			
					123, 155, 179			
					187, 211, 227			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					103			
					119, 151, 183			
					199, 215			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					111			
					143, 175			
					207			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					97, 113			0, 8
					117, 185			0, 8
					209, 233			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					97, 113			37, 40
					117, 185			37, 40
					209, 233			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					97, 113			53, 54
					117, 185			53, 54
					209, 233			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					97, 113			70, 72
					117, 185			70, 72
					209, 233			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					97, 113			82, 83
					117, 185			82, 83
					209, 233			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					103			93
					119, 183			93, 90
					199, 215			93, 90

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Occupied Bandwidth	A	802.11be (EHT160) 996+484-tone MRU	under control of a low- power indoor AP	1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					111			95-1
					143, 175			95-1, 94-0
					207			94-0
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					111			99-1
					143, 175			99-1, 96-0
					207			96-0
		802.11a		1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
		117, 149, 181						
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
		117, 149, 181						
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					123, 155, 179			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					135, 151, 167			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					143			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					117, 181			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					117, 181			37, 40
		802.11be (EHT20) 106-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
					117, 181			53, 54
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
					117, 181			70, 72
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
					117, 181			82, 83
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
					135, 167,			93, 90
		802.11be (EHT160) 996+484-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					143			95-1
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					143			99-1
Contention- based Protocol	A	802.11be (EHT20)	under control of a low- power indoor AP	2S2T	45	BPSK	MCS0	NA
					105			
					149			
					209			
		802.11be (EHT160)		2S2T	47	BPSK	MCS0	NA
					111			
					143			
					207			

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
AC Power Conducted Emissions	C	802.11be (EHT160)	under control of a low-power indoor AP	1S1T	79	BPSK	MCS0	NA
		802.11be (EHT160)		2S2T	207	BPSK	MCS0	NA
		802.11be (EHT40)	under control of a Standard Power AP	1S1T	3	BPSK	MCS0	NA
		802.11be (EHT80)		2S2T	7	BPSK	MCS0	NA
Unwanted Emissions below 1 GHz	A, B	802.11be (EHT160)	under control of a low-power indoor AP	1S1T	79	BPSK	MCS0	NA
		802.11be (EHT160)		2S2T	207	BPSK	MCS0	NA
		802.11be (EHT40)	under control of a Standard Power AP	1S1T	3	BPSK	MCS0	NA
		802.11be (EHT80)		2S2T	7	BPSK	MCS0	NA
Unwanted Emissions above 1 GHz	A, B	802.11a	under control of a low-power indoor AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					99, 107, 115			
					123, 155, 179			
					187, 211, 227			
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					103			
					119, 151, 183			
					199, 215			
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					111			
					143, 175			
					207			
		802.11be (EHT20) 26-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
					97, 113			0, 8
					117, 185			0, 8
					209, 233			0, 8
		802.11be (EHT20) 52-tone RU		1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
					97, 113			37, 40
					117, 185			37, 40
					209, 233			37, 40

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index	
Unwanted Emissions above 1 GHz	A, B	802.11be (EHT20) 106-tone RU	under control of a low- power indoor AP	1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54	
					97, 113			53, 54	
					117, 185			53, 54	
					209, 233			53, 54	
		802.11be (EHT20) 52+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	1, 2	
					97, 113			1, 2	
					117, 185			1, 2	
					209, 233			1, 2	
		802.11be (EHT20) 106+26-tone MRU		1S1T / 2S2T	1, 93	BPSK	MCS0	1, 3	
					97, 113			1, 3	
					117, 185			1, 3	
					209, 233			1, 3	
		802.11be (EHT80) 484+242-tone MRU		1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90	
					103			93	
					119, 183			93, 90	
					199, 215			93, 90	
		802.11be (EHT160) 996+484-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0	
					111			95-1	
					143, 175			95-1, 94-0	
					207			94-0	
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0	
					111			99-1	
					143, 175			99-1, 96-0	
					207			96-0	
		802.11a		under control of a Standard Power AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
						117, 149, 181			
		802.11be (EHT20)			1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
						117, 149, 181			
		802.11be (EHT40)			1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
						123, 155, 179			
		802.11be (EHT80)			1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
						135, 151, 167			
		802.11be (EHT160)			1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
						143			
		802.11be (EHT20) 26-tone RU			1S1T / 2S2T	1, 93	BPSK	MCS0	0, 8
						117, 181			0, 8
		802.11be (EHT20) 52-tone RU			1S1T / 2S2T	1, 93	BPSK	MCS0	37, 40
						117, 181			37, 40
		802.11be (EHT20) 106-tone RU			1S1T / 2S2T	1, 93	BPSK	MCS0	53, 54
						117, 181			53, 54
		802.11be (EHT20) 52+26-tone MRU			1S1T / 2S2T	1, 93	BPSK	MCS0	70, 72
						117, 181			70, 72
		802.11be (EHT20) 106+26-tone MRU			1S1T / 2S2T	1, 93	BPSK	MCS0	82, 83
						117, 181			82, 83
		802.11be (EHT80) 484+242-tone MRU			1S1T / 2S2T	7, 87	BPSK	MCS0	93, 90
						135, 167,			93, 90

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Unwanted Emissions above 1 GHz	A, B	802.11be (EHT160) 996+484-tone MRU	under control of a Standard Power AP	1S1T / 2S2T	15, 79	BPSK	MCS0	95-1, 94-0
					143			95-1
		802.11be (EHT160) 996+484+242-tone MRU		1S1T / 2S2T	15, 79	BPSK	MCS0	99-1, 96-0
					143			99-1
APC (Automatic Power Control) and Proper Power Adjustment	A	802.11be (EHT20)	under control of a low-power indoor AP	-	1, 81, 149	BPSK	MCS0	NA
		802.11be (EHT20)	under control of a Standard Power AP	-	1, 81, 149	BPSK	MCS0	NA
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 (PIFA Antenna Set 4)						
Note: Channel puncturing mechanism is not supported.								

3.5 Duty Cycle of Test Signal

under control of a low-power indoor AP

802.11a 1TX:

Duty cycle = 2.022 ms / 2.077 ms x 100% = 97.4%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.12 \text{ dB}$

802.11ax (HE20) 1S1T:

Duty cycle = 3.937 ms / 3.998 ms x 100% = 98.5%

802.11ax (HE40) 1S1T:

Duty cycle = 3.956 ms / 4.02 ms x 100% = 98.4%

802.11ax (HE80) 1S1T:

Duty cycle = 1.926 ms / 1.982 ms x 100% = 97.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.12 \text{ dB}$

802.11ax (HE160) 1S1T:

Duty cycle = 1.766 ms / 1.821 ms x 100% = 97.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.13 \text{ dB}$

802.11be (EHT20) 1S1T:

Duty cycle = 4.64 ms / 4.695 ms x 100% = 98.8%

802.11be (EHT40) 1S1T:

Duty cycle = 4.64 ms / 4.72 ms x 100% = 98.3%

802.11be (EHT80) 1S1T:

Duty cycle = 2.262 ms / 2.33 ms x 100% = 97.1%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.13 \text{ dB}$

802.11be (EHT160) 1S1T:

Duty cycle = 2.06 ms / 2.146 ms x 100% = 96.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.18 \text{ dB}$

802.11ax (HE20) 26-tone RU 1S1T:

Duty cycle = 1.601 ms / 1.674 ms x 100% = 95.6%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.19 \text{ dB}$

802.11ax (HE20) 52-tone RU 1S1T:

Duty cycle = 1.515 ms / 1.606 ms x 100% = 94.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.25 \text{ dB}$

802.11ax (HE20) 106-tone RU 1S1T:

Duty cycle = 1.395 ms / 1.451 ms x 100% = 96.1%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.17 \text{ dB}$

802.11be (EHT20) 26-tone RU 1S1T:

Duty cycle = 1.601 ms / 1.674 ms x 100% = 95.6%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.19 \text{ dB}$

802.11be (EHT20) 52-tone RU 1S1T:

Duty cycle = 1.515 ms / 1.606 ms x 100% = 94.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.25 \text{ dB}$

802.11be (EHT20) 106-tone RU 1S1T:

Duty cycle = 1.395 ms / 1.451 ms x 100% = 96.1%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.17 \text{ dB}$

802.11be (EHT20) 52+26-tone MRU 1S1T:

Duty cycle = 1.502 ms / 1.557 ms x 100% = 96.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.16 \text{ dB}$

802.11be (EHT20) 106+26-tone MRU 1S1T:

Duty cycle = 1.657 ms / 1.718 ms x 100% = 96.4%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.16 \text{ dB}$

802.11be (EHT80) 484+242-tone MRU 1S1T:

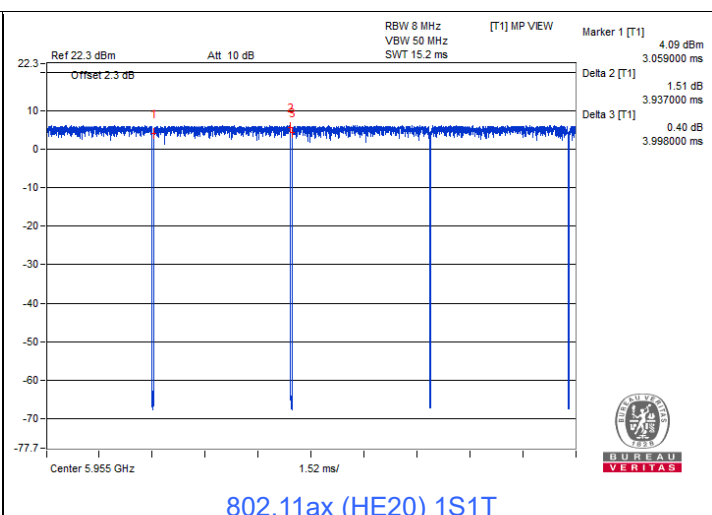
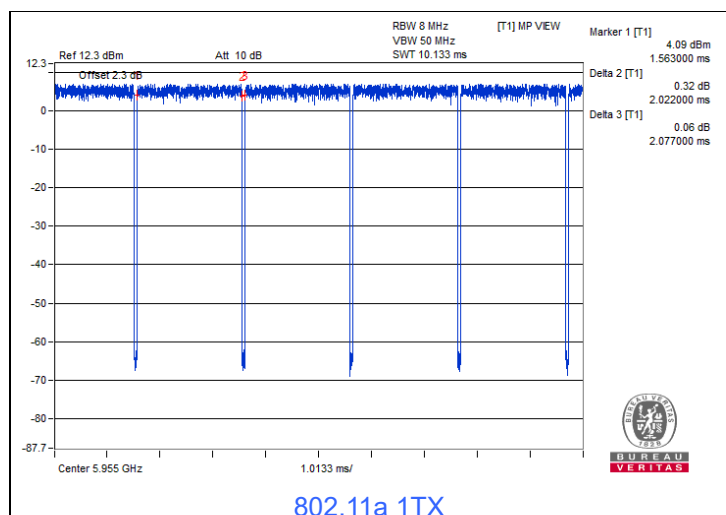
Duty cycle = 1.196 ms / 1.252 ms x 100% = 95.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.20 \text{ dB}$

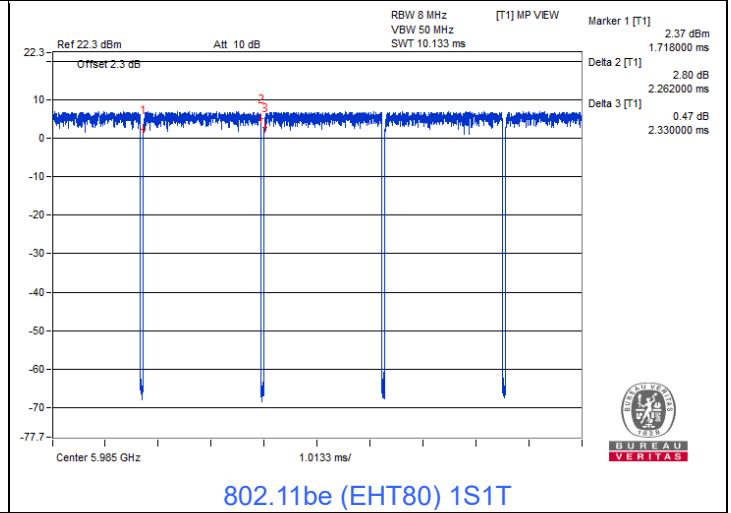
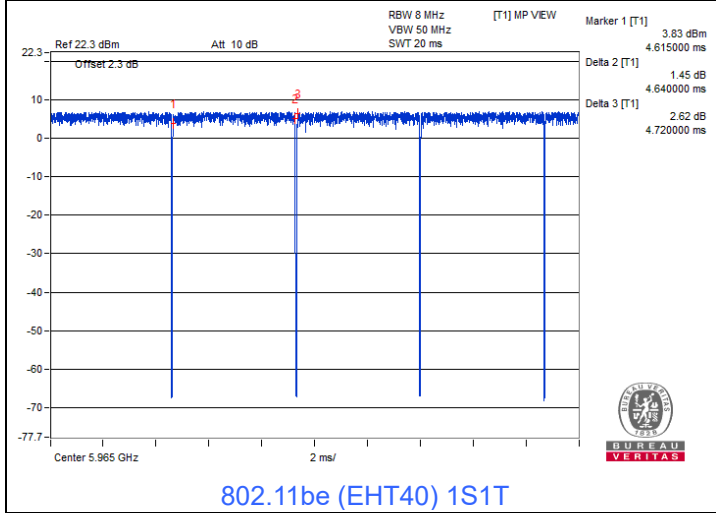
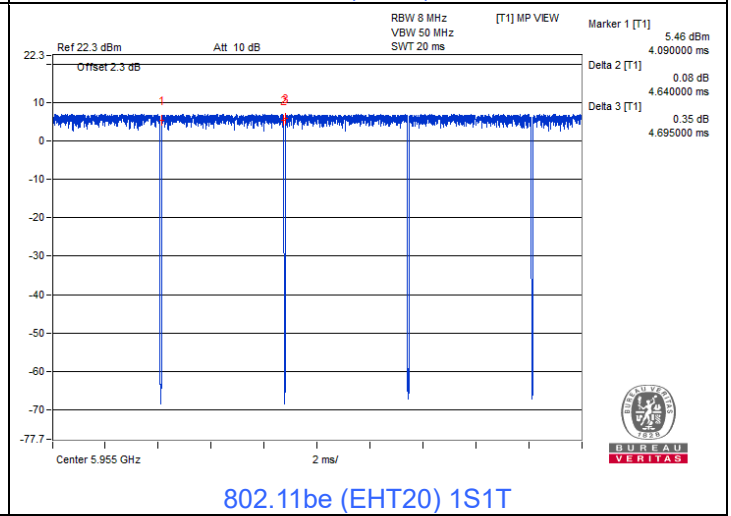
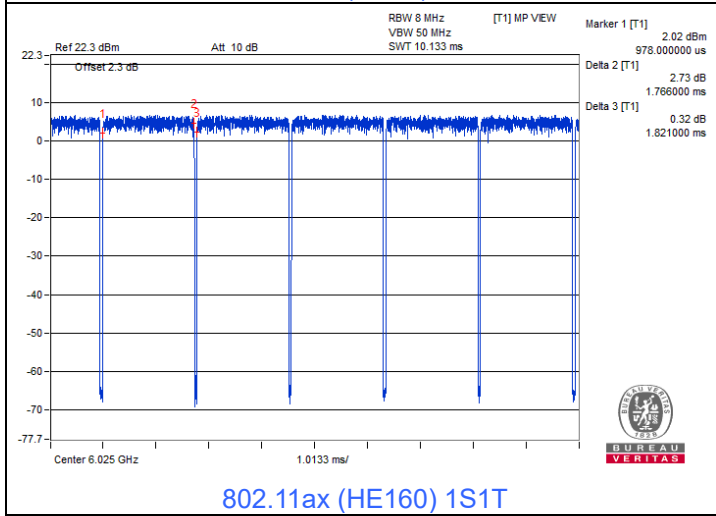
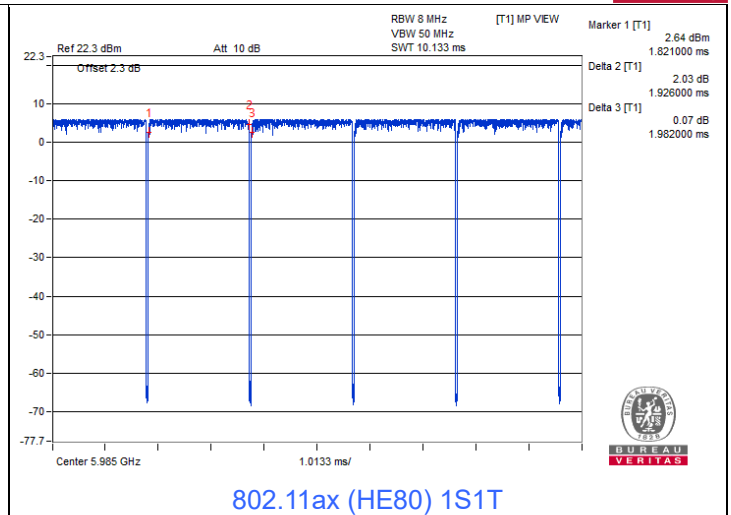
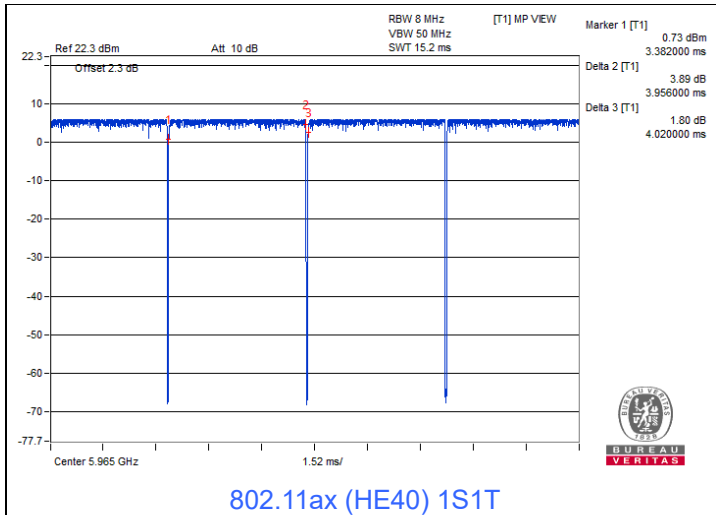
802.11be (EHT160) 996+484-tone MRU 1S1T:

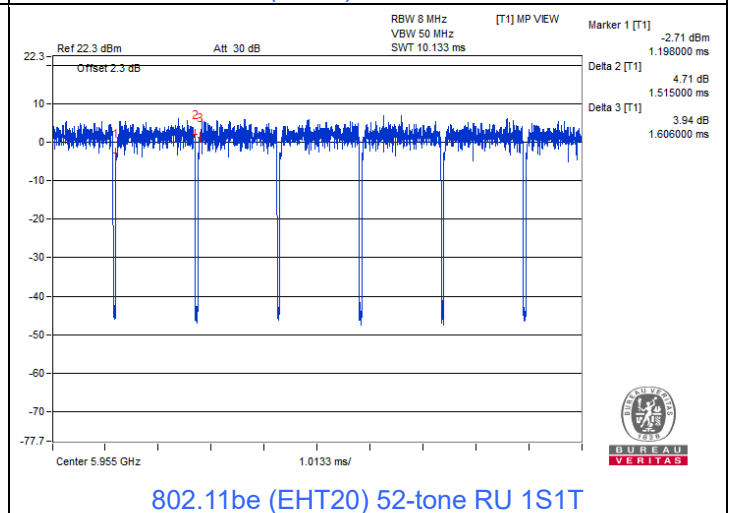
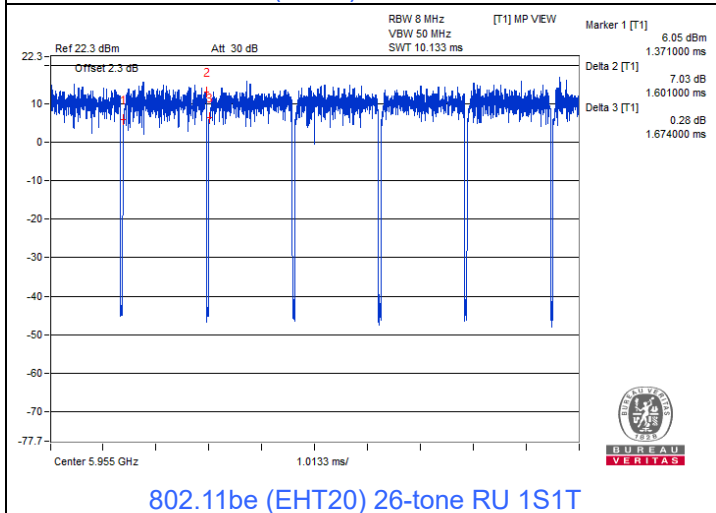
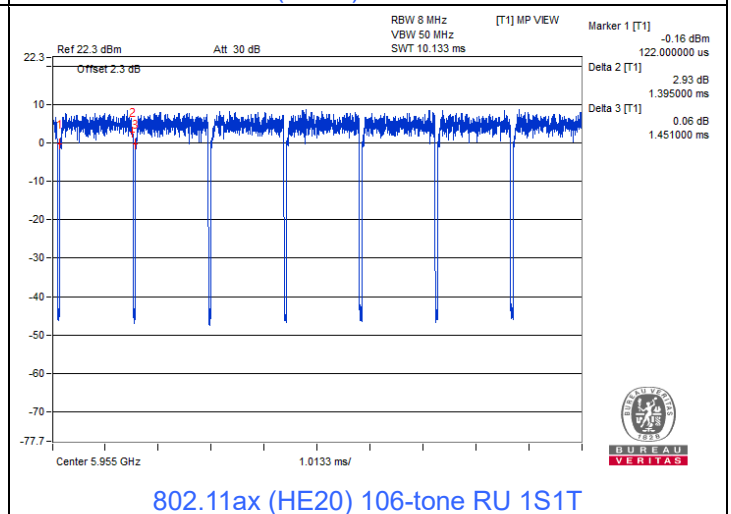
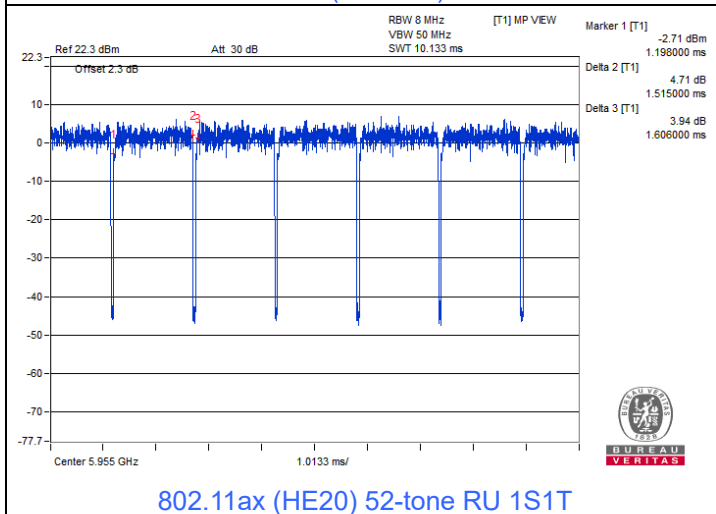
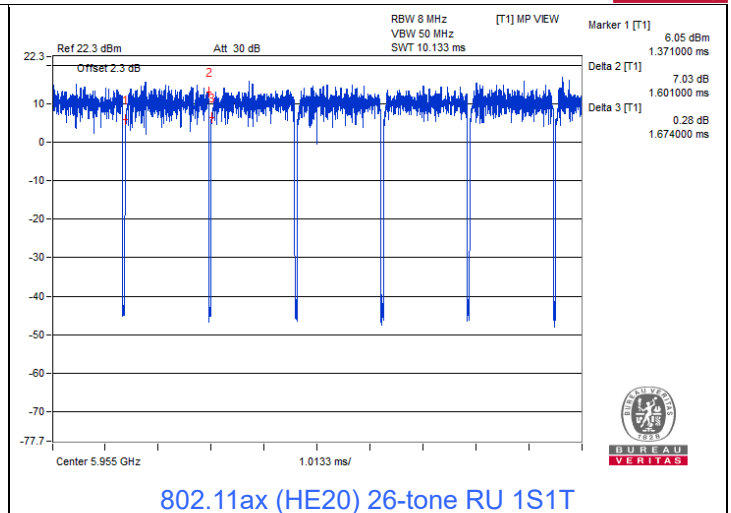
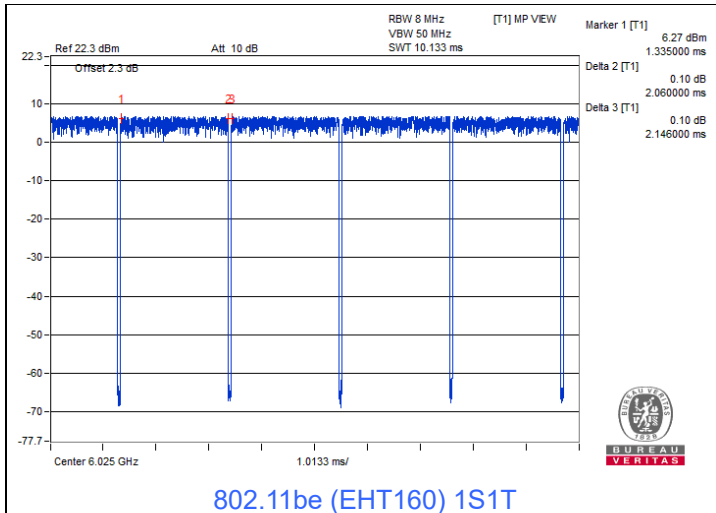
Duty cycle = 1.162 ms / 1.216 ms x 100% = 95.6%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.20 \text{ dB}$

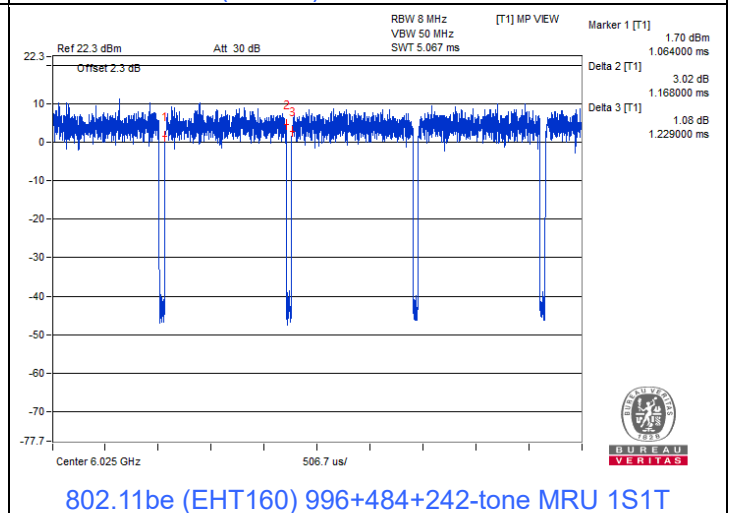
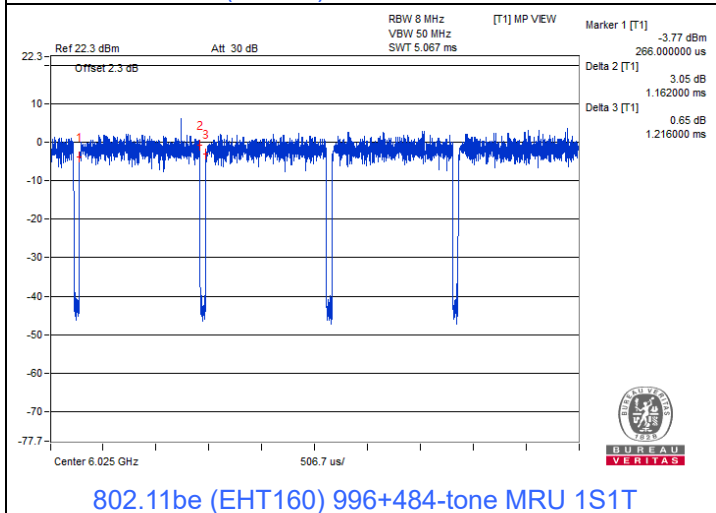
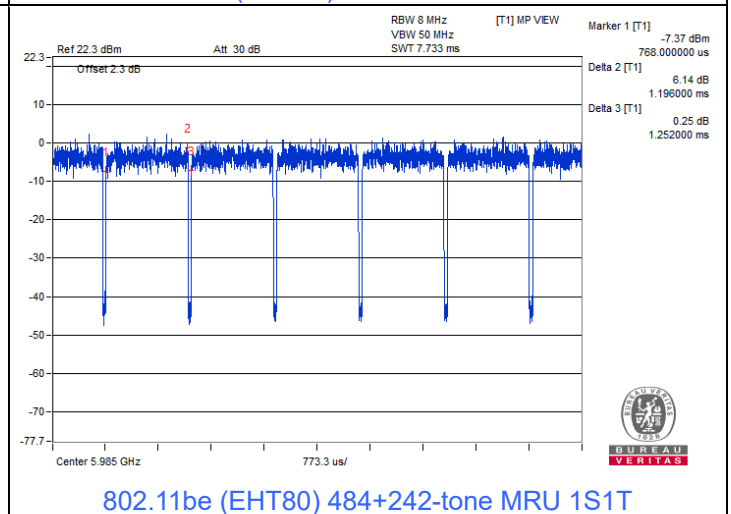
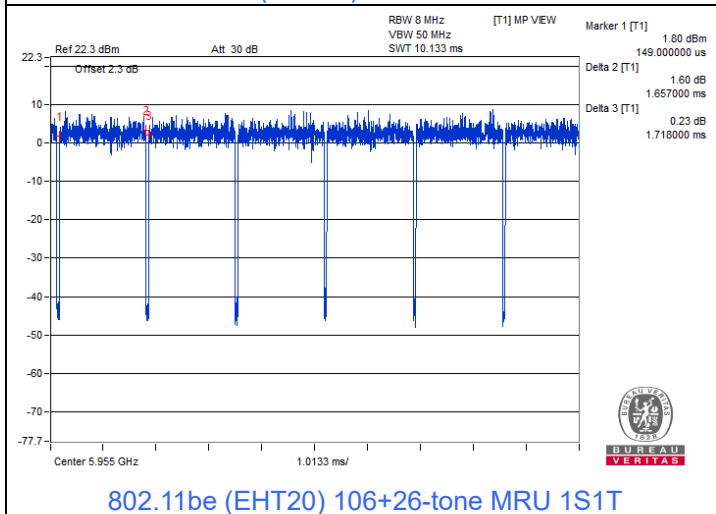
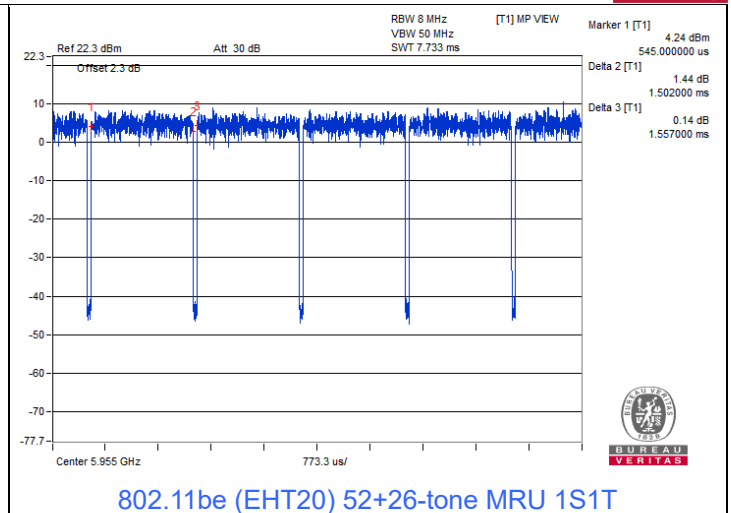
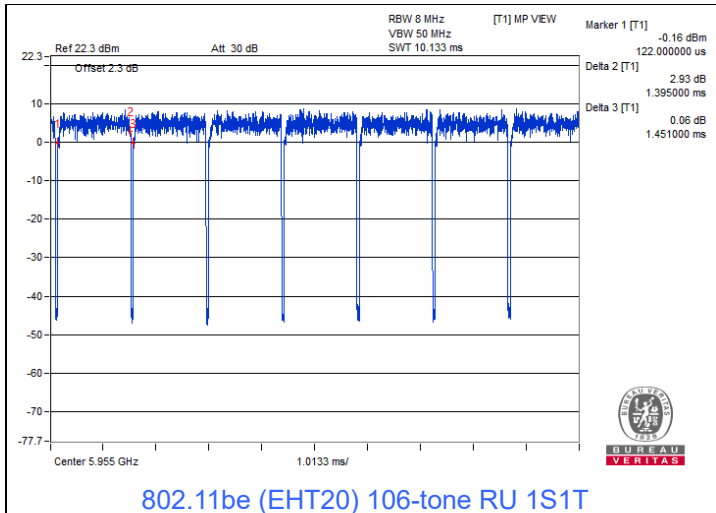
802.11be (EHT160) 996+484+242-tone MRU 1S1T:

Duty cycle = 1.168 ms / 1.229 ms x 100% = 95.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.22 \text{ dB}$









802.11a 2TX:

Duty cycle = 2.022 ms / 2.085 ms x 100% = 97.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.13 \text{ dB}$

802.11ax (HE20) 2S2T:

Duty cycle = 2.012 ms / 2.085 ms x 100% = 96.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.15 \text{ dB}$

802.11ax (HE40) 2S2T:

Duty cycle = 2.022 ms / 2.083 ms x 100% = 97.1%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.13 \text{ dB}$

802.11ax (HE80) 2S2T:

Duty cycle = 1.006 ms / 1.063 ms x 100% = 94.6%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.24 \text{ dB}$

802.11ax (HE160) 2S2T:

Duty cycle = 0.931 ms / 1.003 ms x 100% = 92.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.32 \text{ dB}$

802.11be (EHT20) 2S2T:

Duty cycle = 2.371 ms / 2.444 ms x 100% = 97.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.13 \text{ dB}$

802.11be (EHT40) 2S2T:

Duty cycle = 2.377 ms / 2.442 ms x 100% = 97.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.12 \text{ dB}$

802.11be (EHT80) 2S2T:

Duty cycle = 1.186 ms / 1.249 ms x 100% = 95.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.22 \text{ dB}$

802.11be (EHT160) 2S2T:

Duty cycle = 1.094 ms / 1.158 ms x 100% = 94.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.25 \text{ dB}$

802.11ax (HE20) 26-tone RU 2S2T:

Duty cycle = 0.85 ms / 0.926 ms x 100% = 91.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.37 \text{ dB}$

802.11ax (HE20) 52-tone RU 2S2T:

Duty cycle = 0.811 ms / 0.866 ms x 100% = 93.6%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.28 \text{ dB}$

802.11ax (HE20) 106-tone RU 2S2T:

Duty cycle = 0.75 ms / 0.804 ms x 100% = 93.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.30 \text{ dB}$

802.11be (EHT20) 26-tone RU 2S2T:

Duty cycle = 0.85 ms / 0.926 ms x 100% = 91.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.37 \text{ dB}$

802.11be (EHT20) 52-tone RU 2S2T:

Duty cycle = 0.811 ms / 0.866 ms x 100% = 93.6%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.28 \text{ dB}$

802.11be (EHT20) 106-tone RU 2S2T:

Duty cycle = 0.75 ms / 0.804 ms x 100% = 93.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.30 \text{ dB}$

802.11be (EHT20) 52+26-tone MRU 2S2T:

Duty cycle = 0.802 ms / 0.864 ms x 100% = 92.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.32 \text{ dB}$

802.11be (EHT20) 106+26-tone MRU 2S2T:

Duty cycle = 0.881 ms / 0.953 ms x 100% = 92.4%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.34 \text{ dB}$

802.11be (EHT80) 484+242-tone MRU 2S2T:

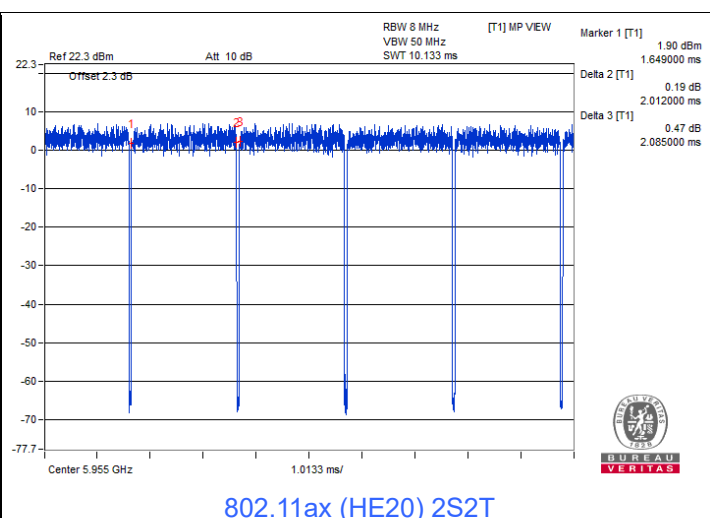
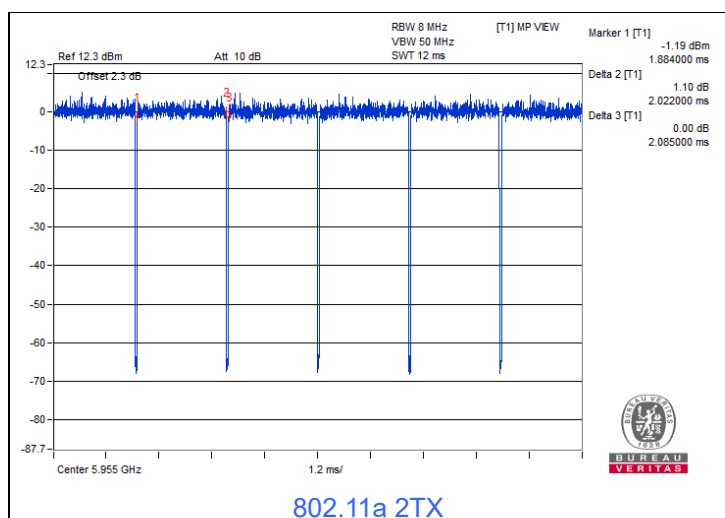
Duty cycle = 0.648 ms / 0.704 ms x 100% = 92.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.36 \text{ dB}$

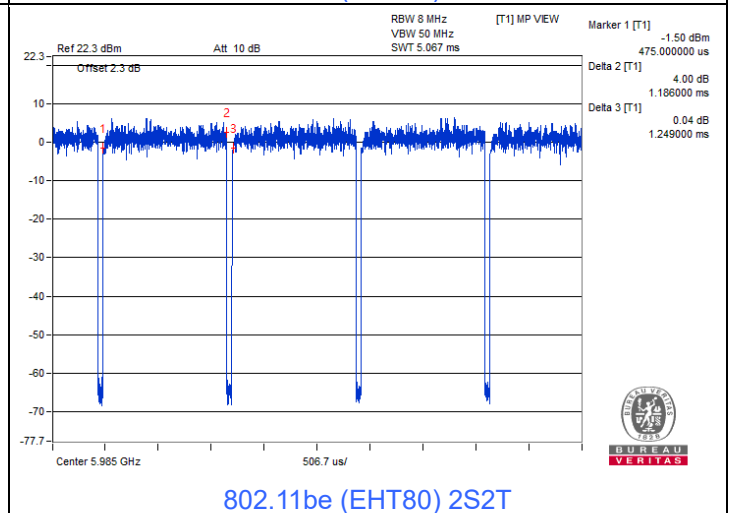
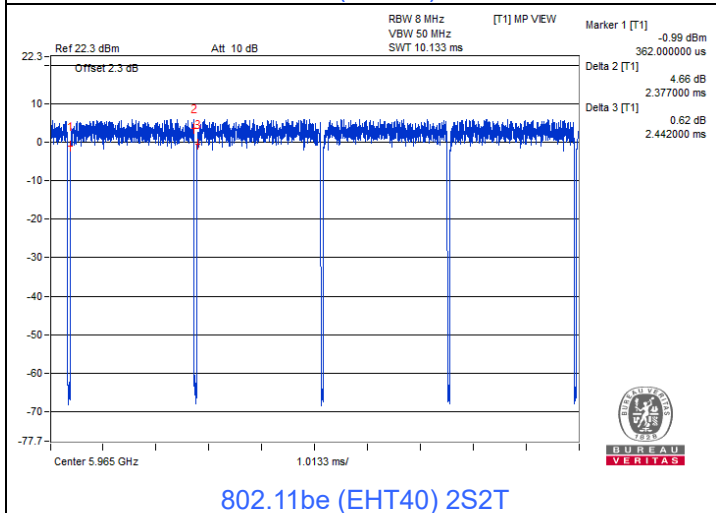
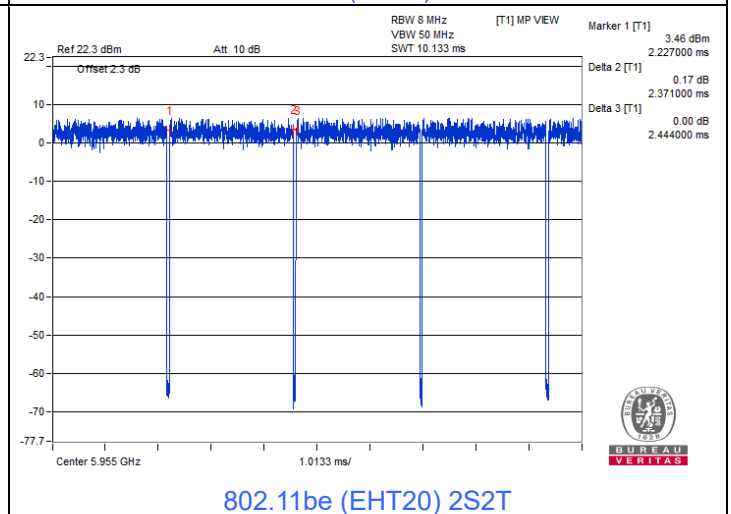
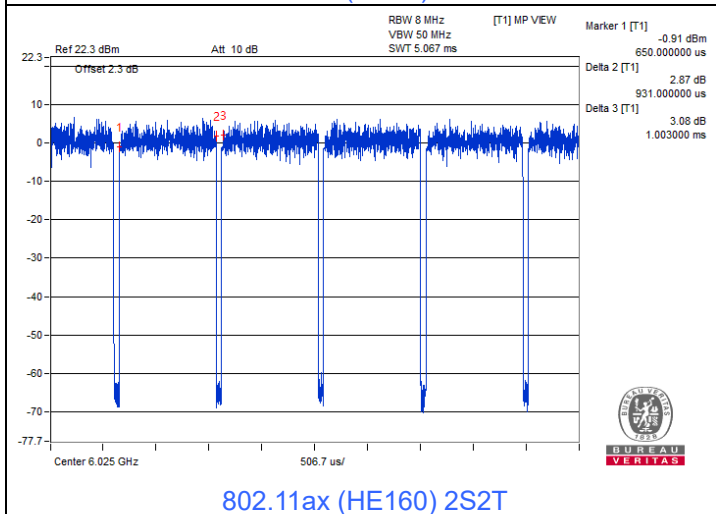
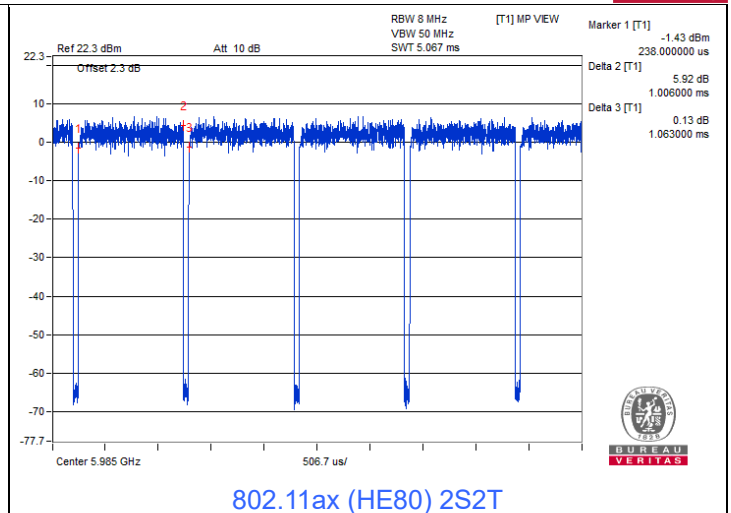
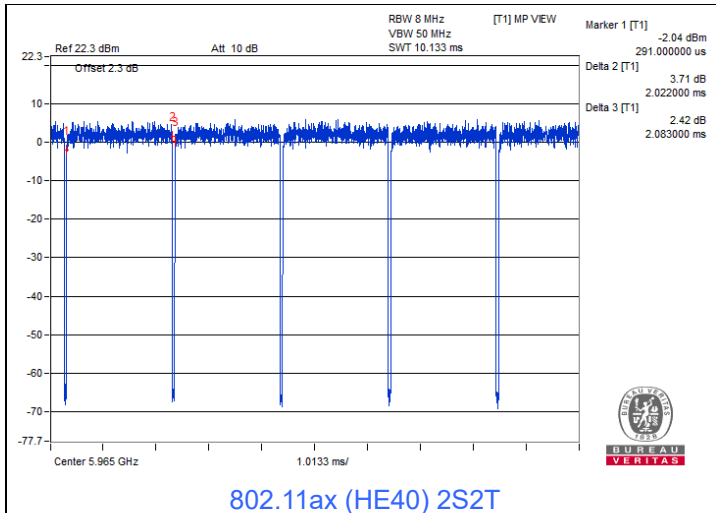
802.11be (EHT160) 996+484-tone MRU 2S2T:

Duty cycle = 0.634 ms / 0.691 ms x 100% = 91.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.37 \text{ dB}$

802.11be (EHT160) 996+484+242-tone MRU 2S2T:

Duty cycle = 0.633 ms / 0.689 ms x 100% = 91.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.37 \text{ dB}$







BUREAU
VERITAS



BUREAU
VERITA



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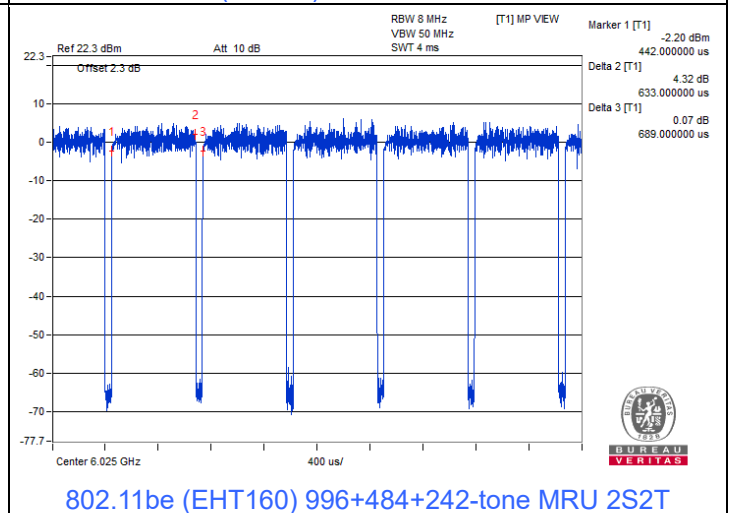
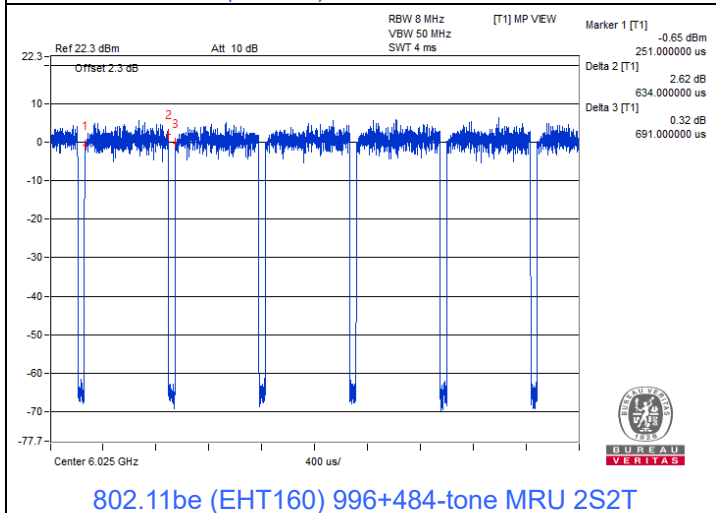
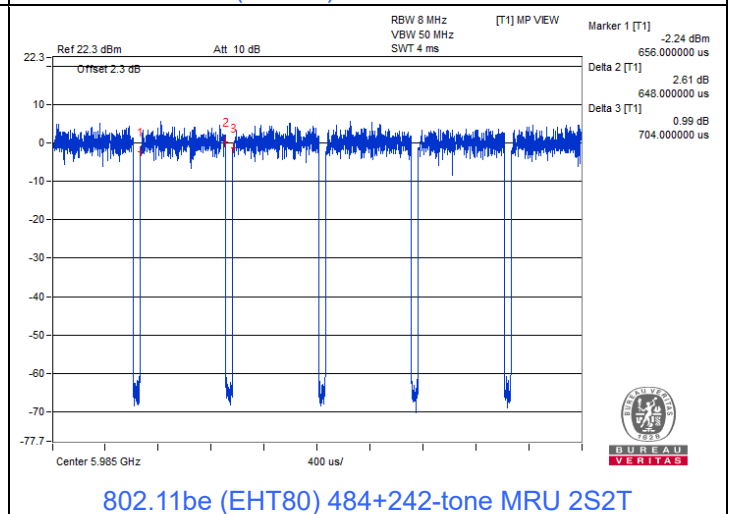
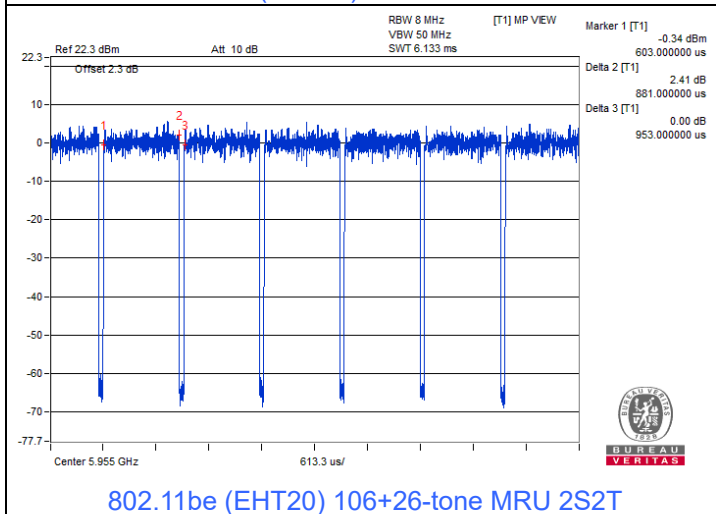
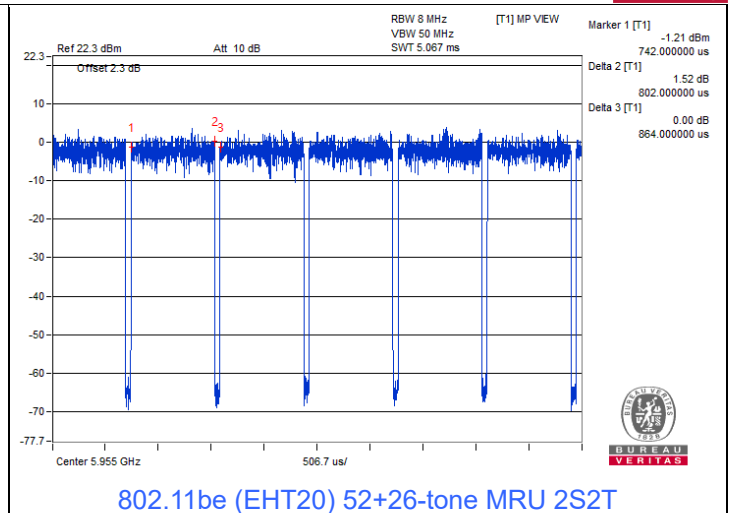
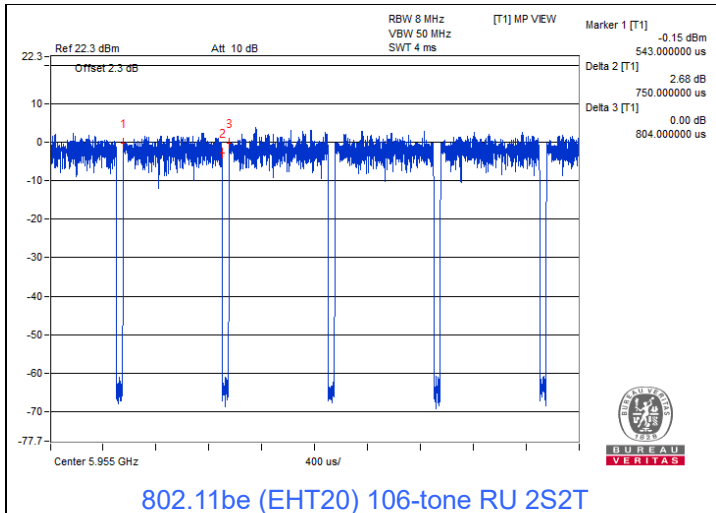
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under control of a Standard Power AP

802.11a 1TX:

Duty cycle = 2.022 ms / 2.08 ms x 100% = 97.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.12 \text{ dB}$

802.11ax (HE20) 1S1T:

Duty cycle = 4.64 ms / 4.705 ms x 100% = 98.6%

802.11ax (HE40) 1S1T:

Duty cycle = 4.655 ms / 4.73 ms x 100% = 98.4%

802.11ax (HE80) 1S1T:

Duty cycle = 2.262 ms / 2.331 ms x 100% = 97.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.13 \text{ dB}$

802.11ax (HE160) 1S1T:

Duty cycle = 2.077 ms / 2.143 ms x 100% = 96.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.14 \text{ dB}$

802.11be (EHT20) 1S1T:

Duty cycle = 4.64 ms / 4.705 ms x 100% = 98.6%

802.11be (EHT40) 1S1T:

Duty cycle = 4.655 ms / 4.73 ms x 100% = 98.4%

802.11be (EHT80) 1S1T:

Duty cycle = 2.262 ms / 2.331 ms x 100% = 97.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.13 \text{ dB}$

802.11be (EHT160) 1S1T:

Duty cycle = 2.077 ms / 2.143 ms x 100% = 96.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.14 \text{ dB}$

802.11ax (HE20) 26-tone RU 1S1T:

Duty cycle = 1.606 ms / 1.659 ms x 100% = 96.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.14 \text{ dB}$

802.11ax (HE20) 52-tone RU 1S1T:

Duty cycle = 1.52 ms / 1.611 ms x 100% = 94.4%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.25 \text{ dB}$

802.11ax (HE20) 106-tone RU 1S1T:

Duty cycle = 1.393 ms / 1.467 ms x 100% = 95.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.22 \text{ dB}$

802.11be (EHT20) 26-tone RU 1S1T:

Duty cycle = 1.606 ms / 1.659 ms x 100% = 96.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.14 \text{ dB}$

802.11be (EHT20) 52-tone RU 1S1T:

Duty cycle = 1.52 ms / 1.611 ms x 100% = 94.4%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.25 \text{ dB}$

802.11be (EHT20) 106-tone RU 1S1T:

Duty cycle = 1.393 ms / 1.467 ms x 100% = 95.0%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.22 \text{ dB}$

802.11be (EHT20) 52+26-tone MRU 1S1T:

Duty cycle = 1.492 ms / 1.551 ms x 100% = 96.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.17 \text{ dB}$

802.11be (EHT20) 106+26-tone MRU 1S1T:

Duty cycle = 1.657 ms / 1.721 ms x 100% = 96.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.16 \text{ dB}$

802.11be (EHT80) 484+242-tone MRU 1S1T:

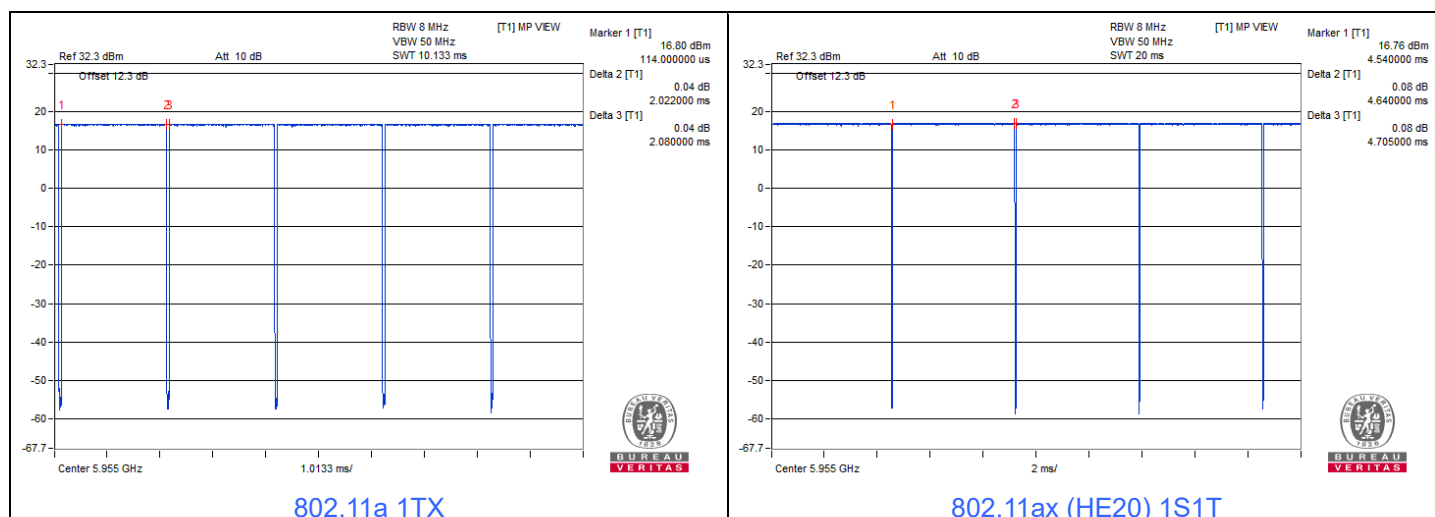
Duty cycle = 1.197 ms / 1.251 ms x 100% = 95.7%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.19 \text{ dB}$

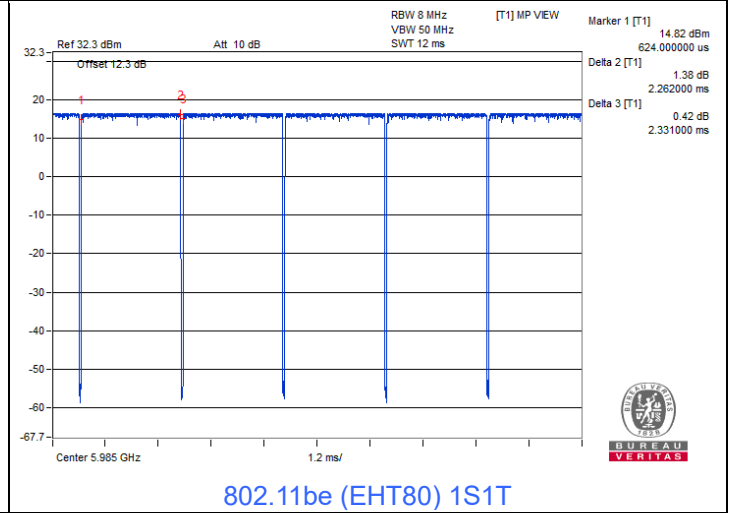
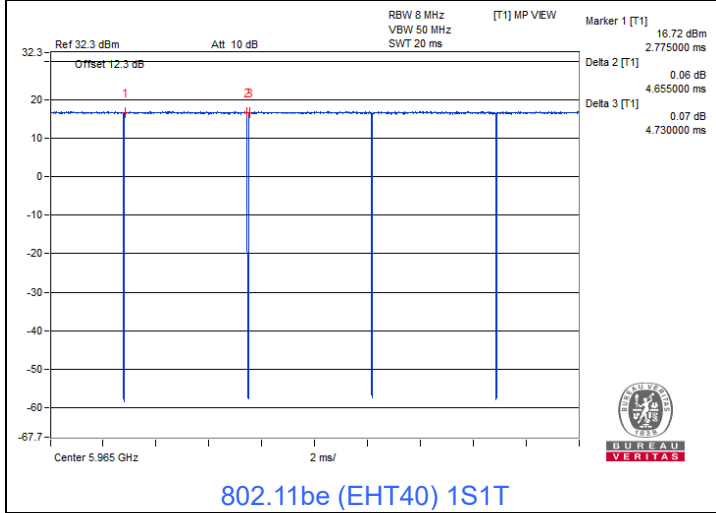
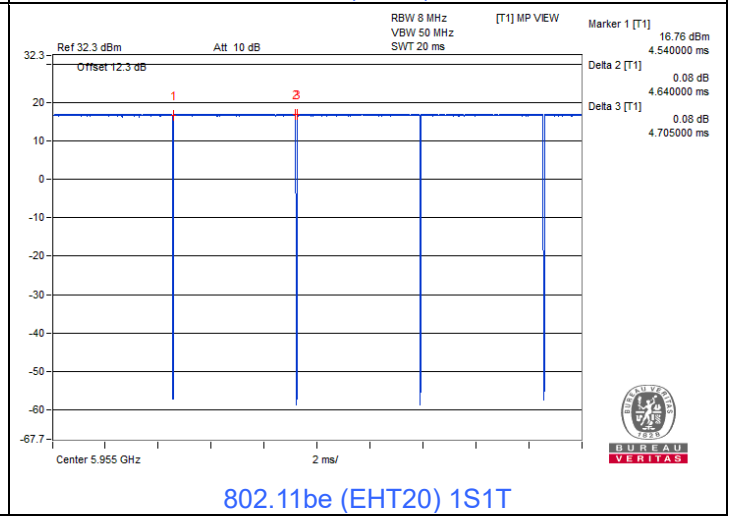
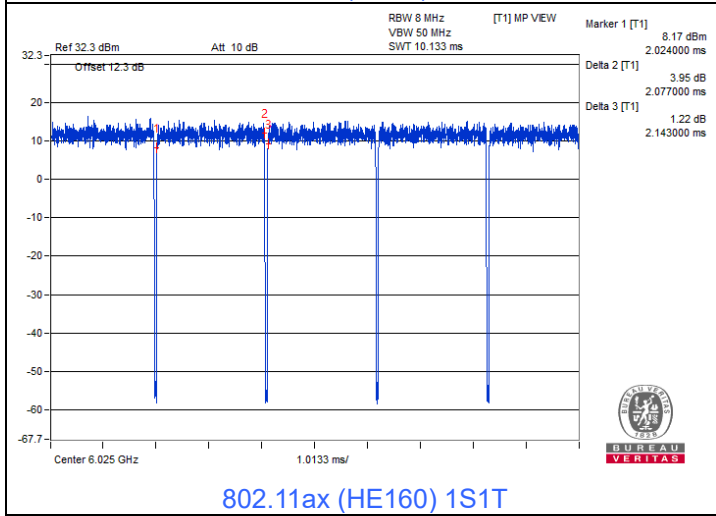
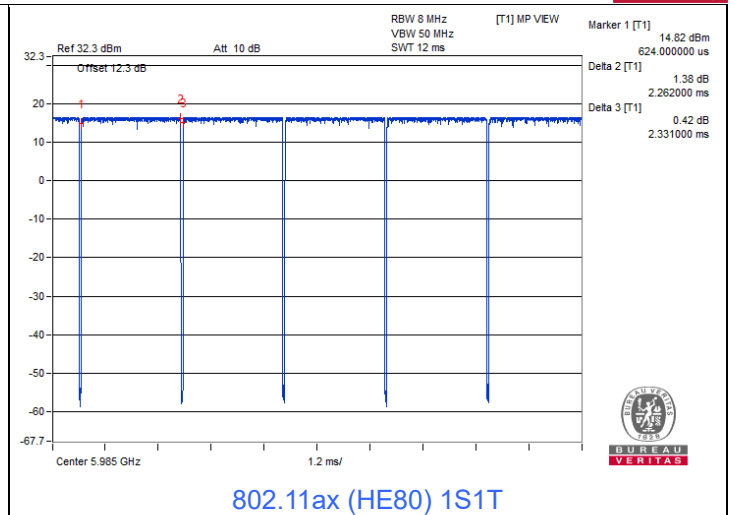
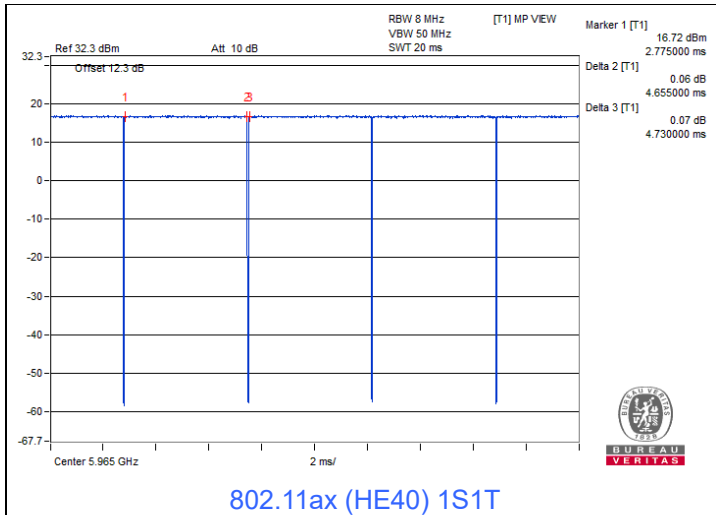
802.11be (EHT160) 996+484-tone MRU 1S1T:

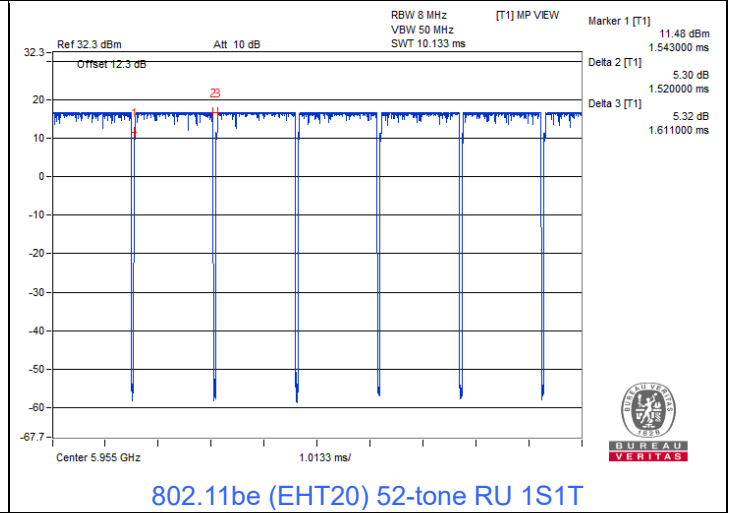
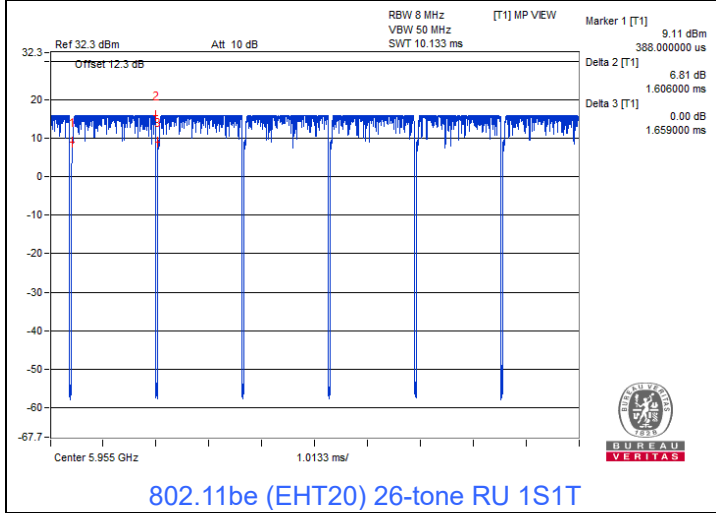
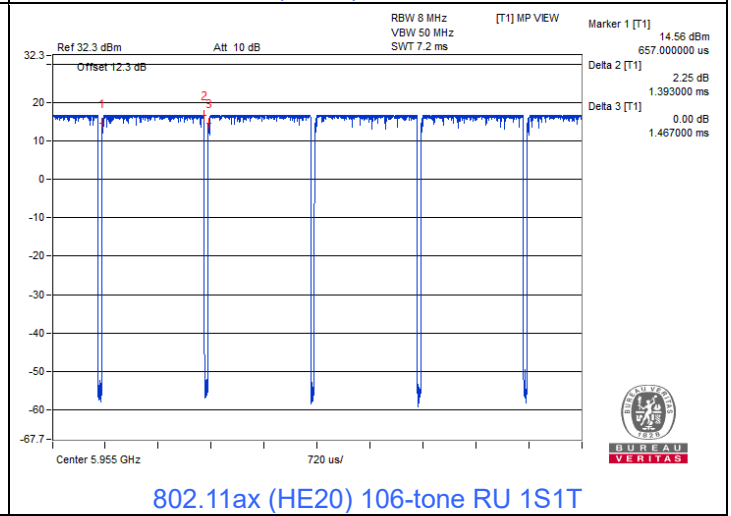
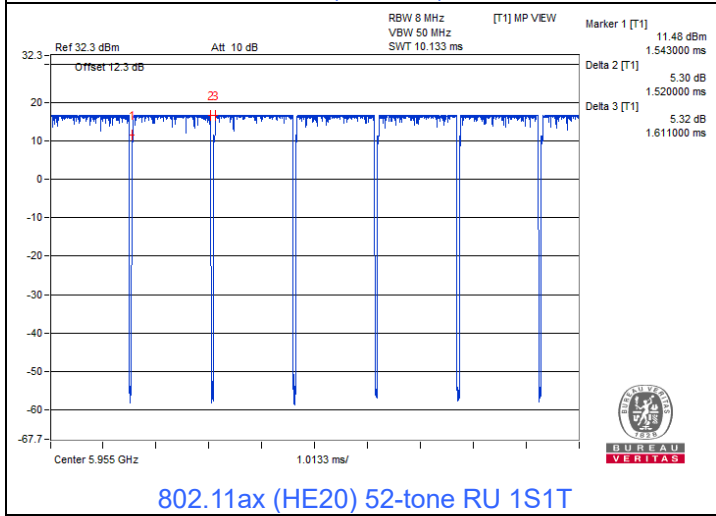
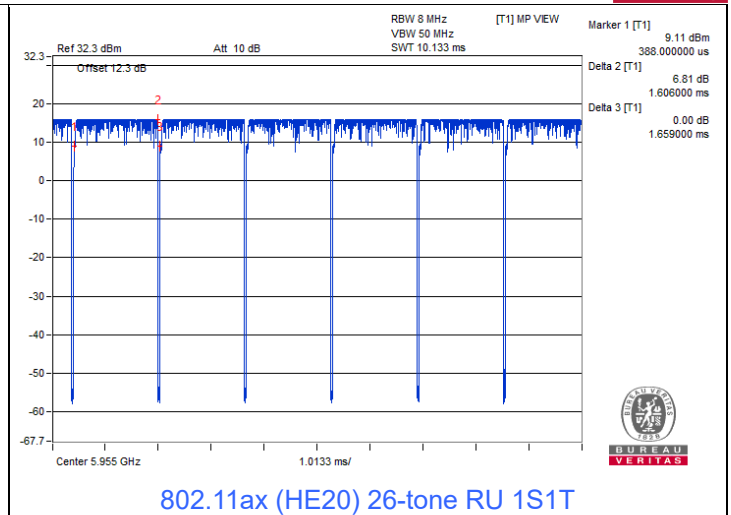
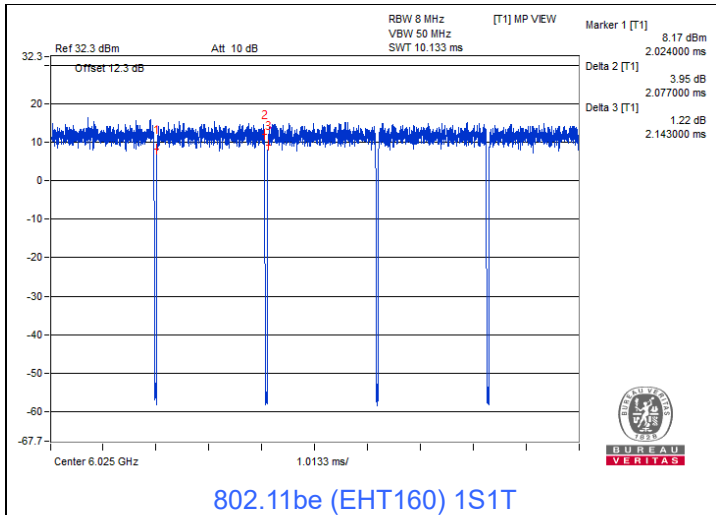
Duty cycle = 1.16 ms / 1.232 ms x 100% = 94.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.26 \text{ dB}$

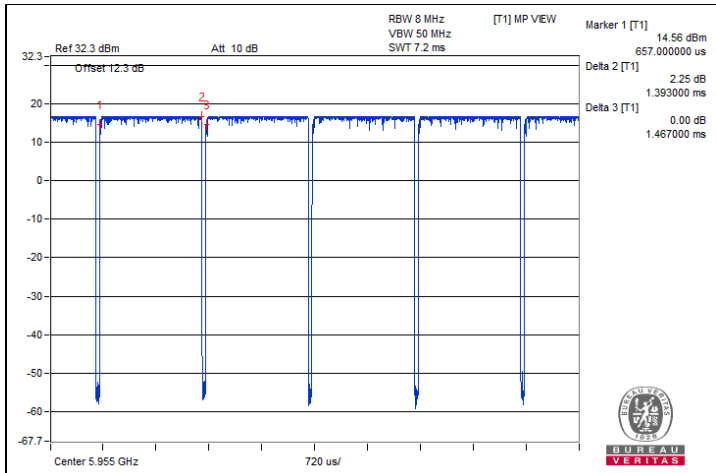
802.11be (EHT160) 996+484+242-tone MRU 1S1T:

Duty cycle = 1.164 ms / 1.23 ms x 100% = 94.6%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.24 \text{ dB}$

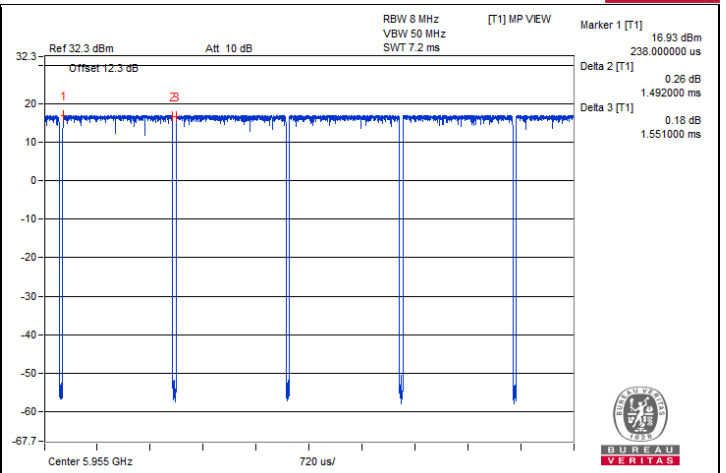




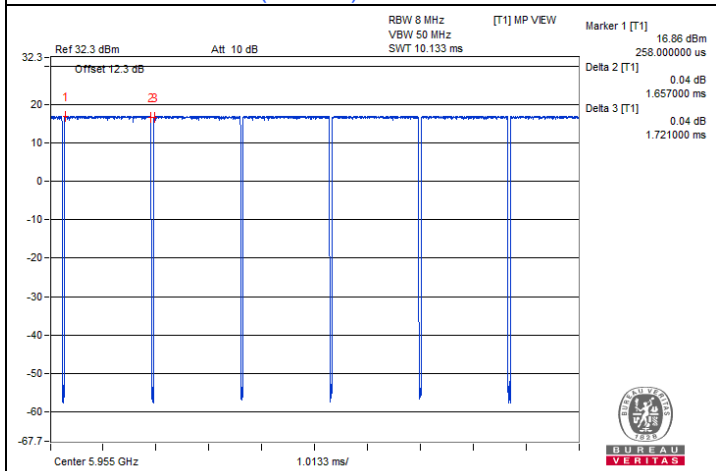




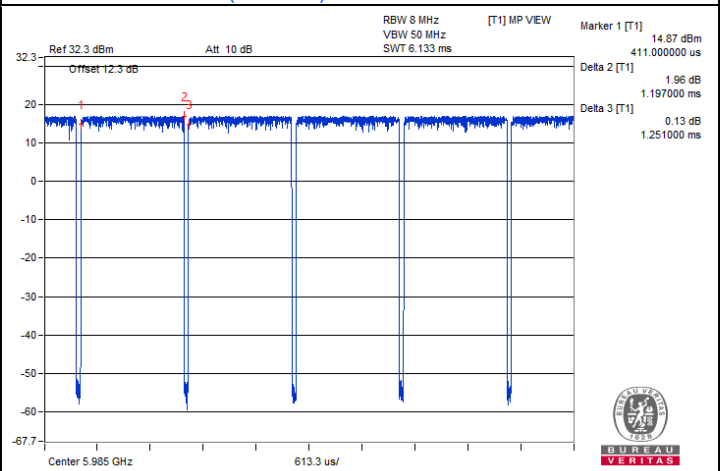
802.11be (EHT20) 106-tone RU 1S1T



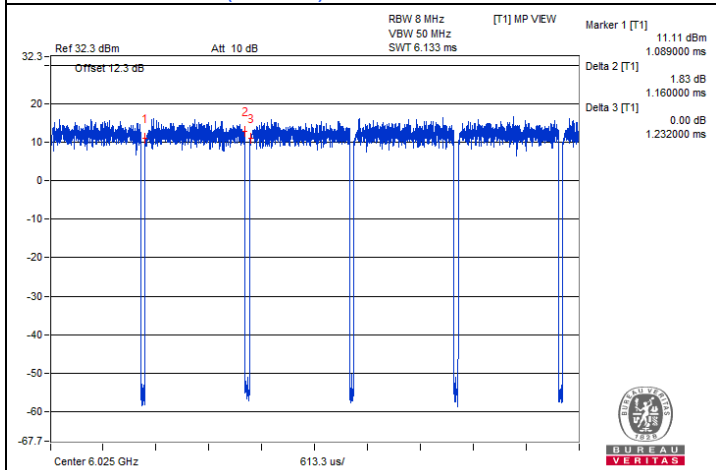
802.11be (EHT20) 52+26-tone MRU 1S1T



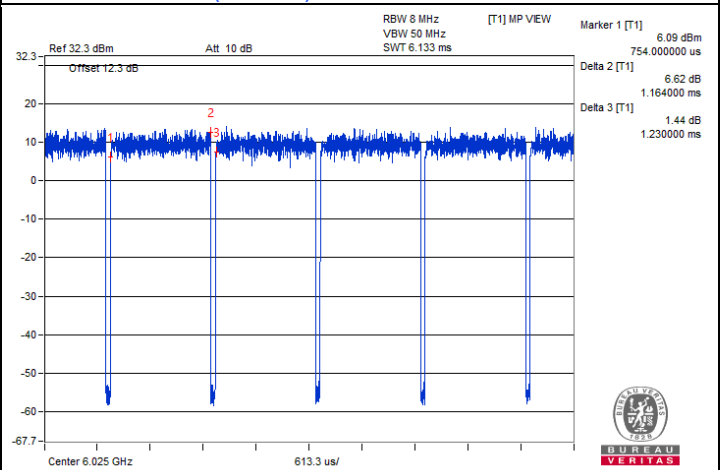
802.11be (EHT20) 106+26-tone MRU 1S1T



802.11be (EHT80) 484+242-tone MRU 1S1T



802.11be (EHT160) 996+484-tone MRU 1S1T



802.11be (EHT160) 996+484+242-tone MRU 1S1T

802.11a 2TX:

Duty cycle = 2.02 ms / 2.073 ms x 100% = 97.4%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.11 \text{ dB}$

802.11ax (HE20) 2S2T:

Duty cycle = 2.368 ms / 2.424 ms x 100% = 97.7%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.10 \text{ dB}$

802.11ax (HE40) 2S2T:

Duty cycle = 2.381 ms / 2.444 ms x 100% = 97.4%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.11 \text{ dB}$

802.11ax (HE80) 2S2T:

Duty cycle = 1.183 ms / 1.246 ms x 100% = 94.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.23 \text{ dB}$

802.11ax (HE160) 2S2T:

Duty cycle = 1.093 ms / 1.159 ms x 100% = 94.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.25 \text{ dB}$

802.11be (EHT20) 2S2T:

Duty cycle = 2.368 ms / 2.424 ms x 100% = 97.7%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.10 \text{ dB}$

802.11be (EHT40) 2S2T:

Duty cycle = 2.381 ms / 2.444 ms x 100% = 97.4%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.11 \text{ dB}$

802.11be (EHT80) 2S2T:

Duty cycle = 1.183 ms / 1.246 ms x 100% = 94.9%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.23 \text{ dB}$

802.11be (EHT160) 2S2T:

Duty cycle = 1.093 ms / 1.159 ms x 100% = 94.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.25 \text{ dB}$

802.11ax (HE20) 26-tone RU 2S2T:

Duty cycle = 0.856 ms / 0.928 ms x 100% = 92.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.35 \text{ dB}$

802.11ax (HE20) 52-tone RU 2S2T:

Duty cycle = 0.811 ms / 0.883 ms x 100% = 91.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.37 \text{ dB}$

802.11ax (HE20) 106-tone RU 2S2T:

Duty cycle = 0.756 ms / 0.81 ms x 100% = 93.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.30 \text{ dB}$

802.11be (EHT20) 26-tone RU 2S2T:

Duty cycle = 0.856 ms / 0.928 ms x 100% = 92.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.35 \text{ dB}$

802.11be (EHT20) 52-tone RU 2S2T:

Duty cycle = 0.811 ms / 0.883 ms x 100% = 91.8%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.37 \text{ dB}$

802.11be (EHT20) 106-tone RU 2S2T:

Duty cycle = 0.756 ms / 0.81 ms x 100% = 93.3%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.30 \text{ dB}$

802.11be (EHT20) 52+26-tone MRU 2S2T:

Duty cycle = 0.802 ms / 0.858 ms x 100% = 93.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.29 \text{ dB}$

802.11be (EHT20) 106+26-tone MRU 2S2T:

Duty cycle = 0.881 ms / 0.952 ms x 100% = 92.5%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.34 \text{ dB}$

802.11be (EHT80) 484+242-tone MRU 2S2T:

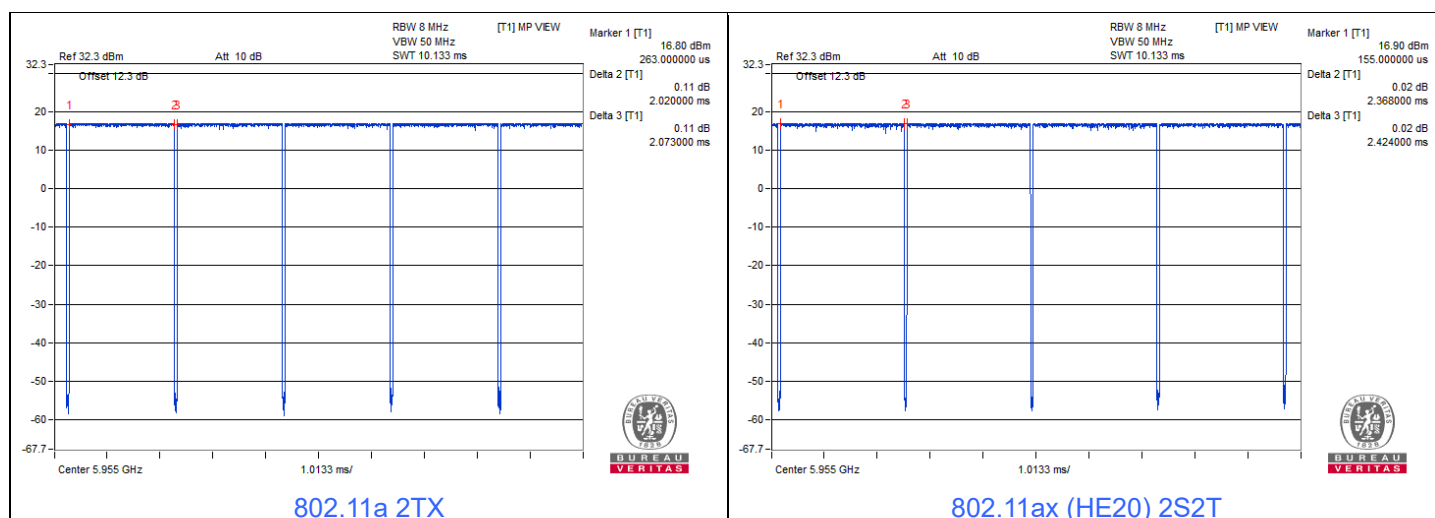
Duty cycle = 0.65 ms / 0.705 ms x 100% = 92.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.35 \text{ dB}$

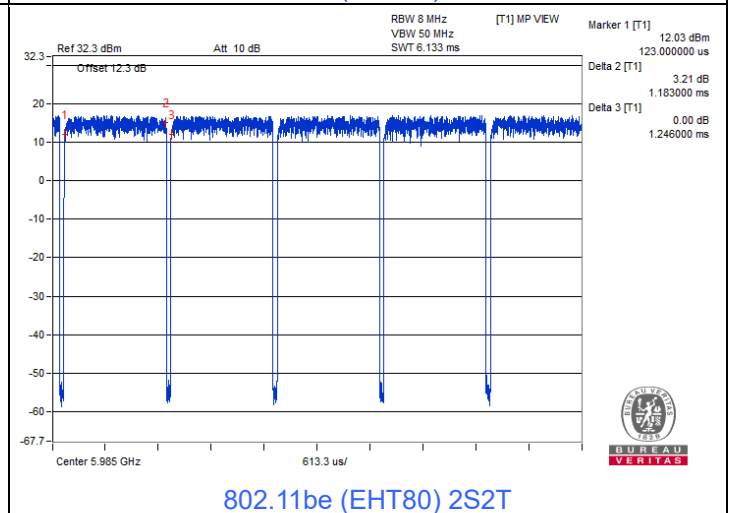
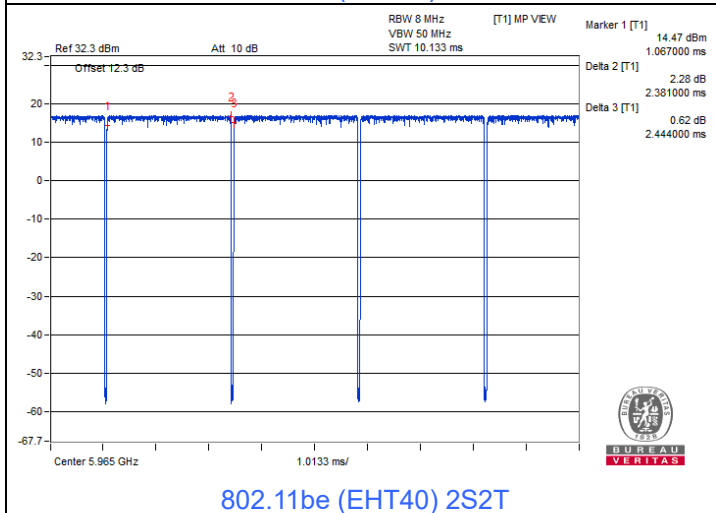
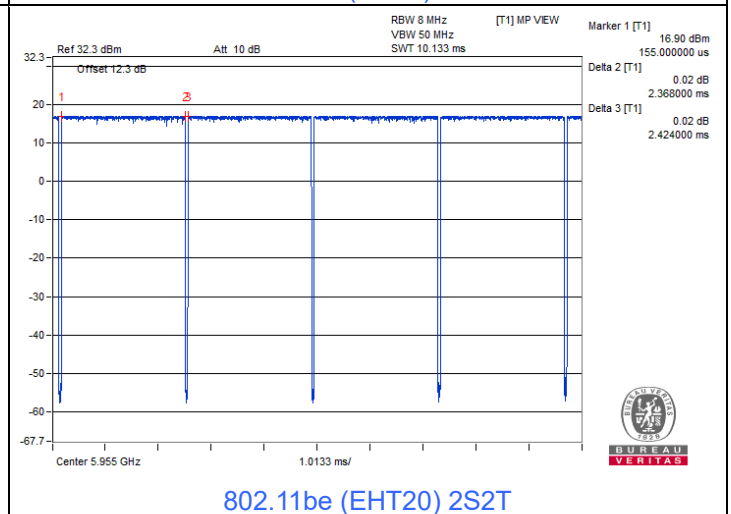
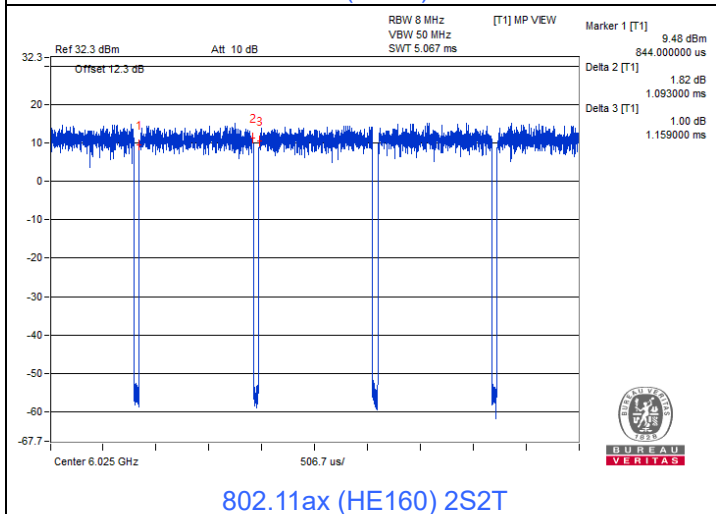
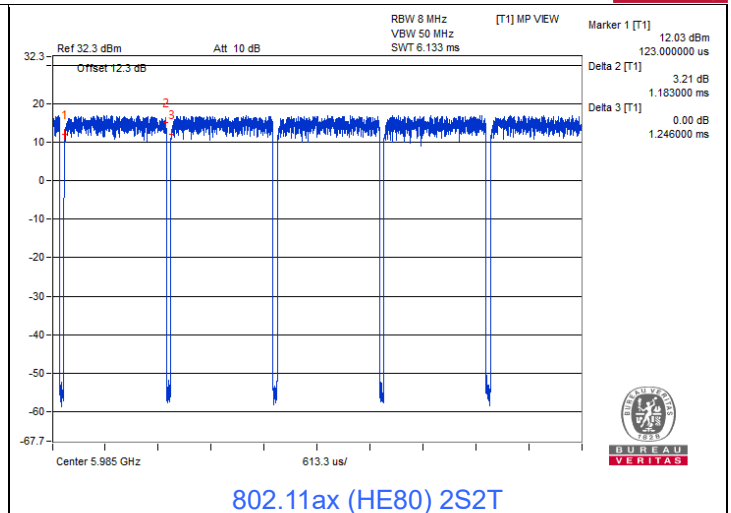
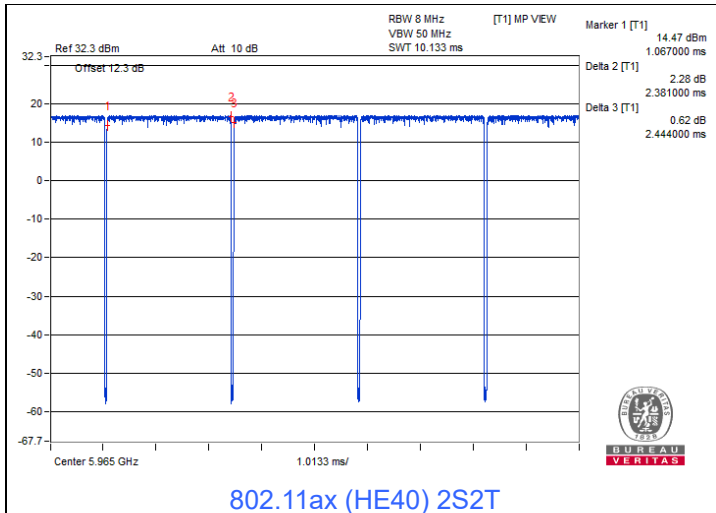
802.11be (EHT160) 996+484-tone MRU 2S2T:

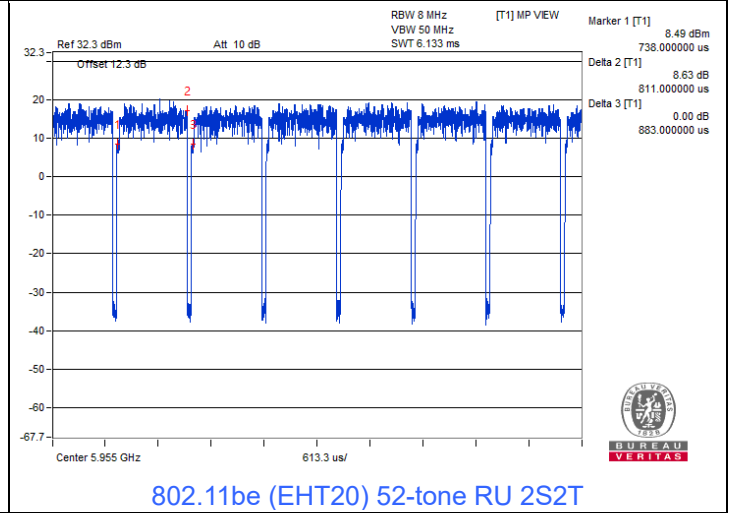
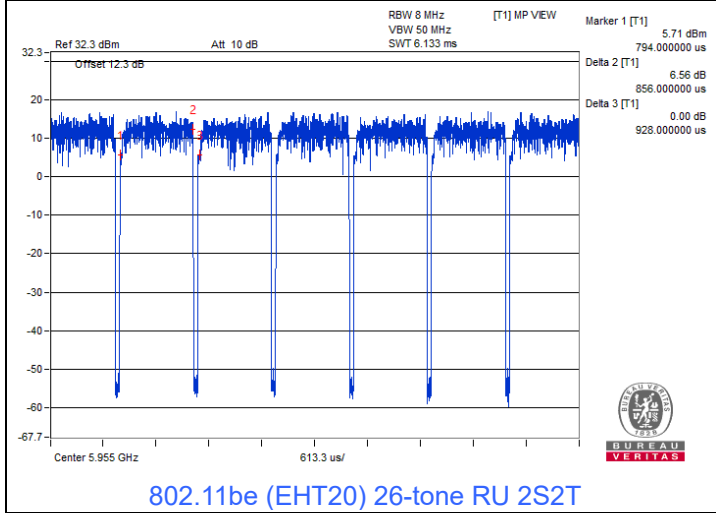
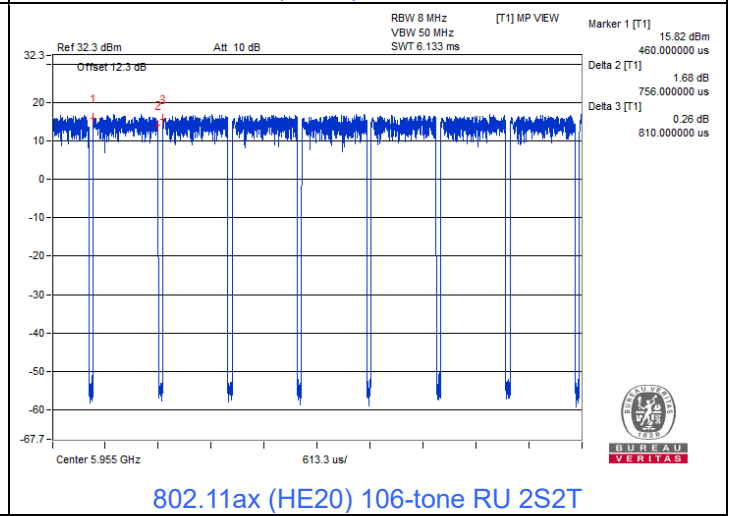
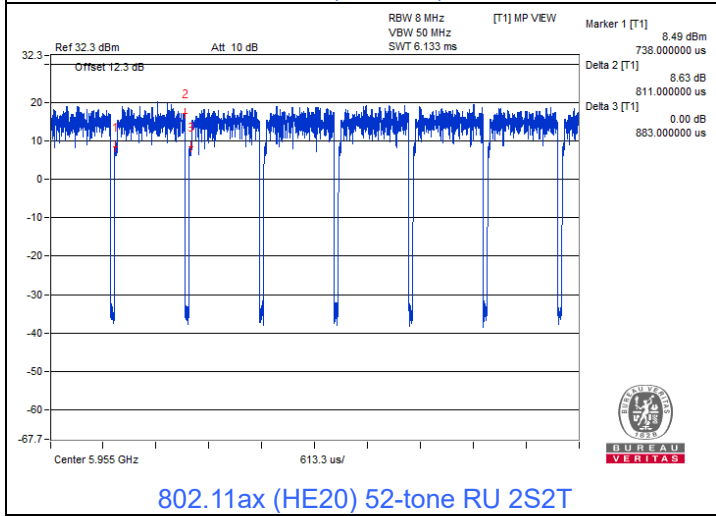
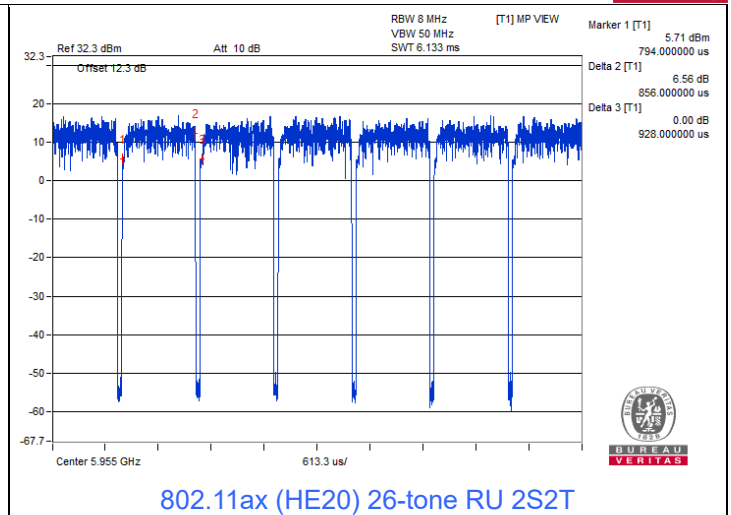
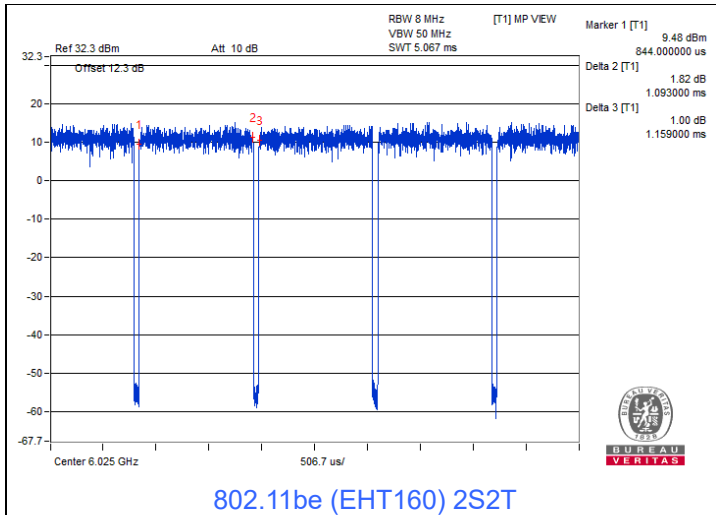
Duty cycle = 0.634 ms / 0.688 ms x 100% = 92.2%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.35 \text{ dB}$

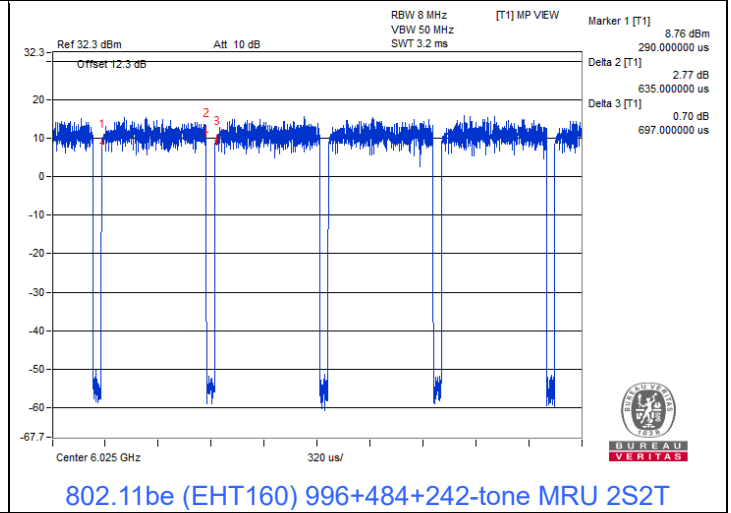
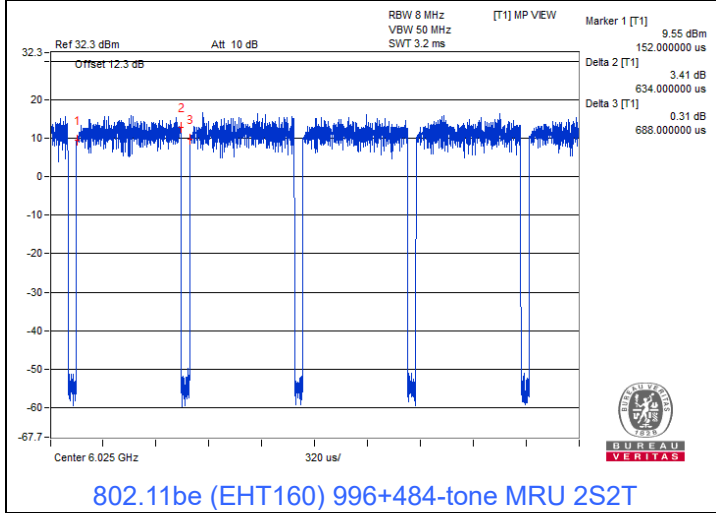
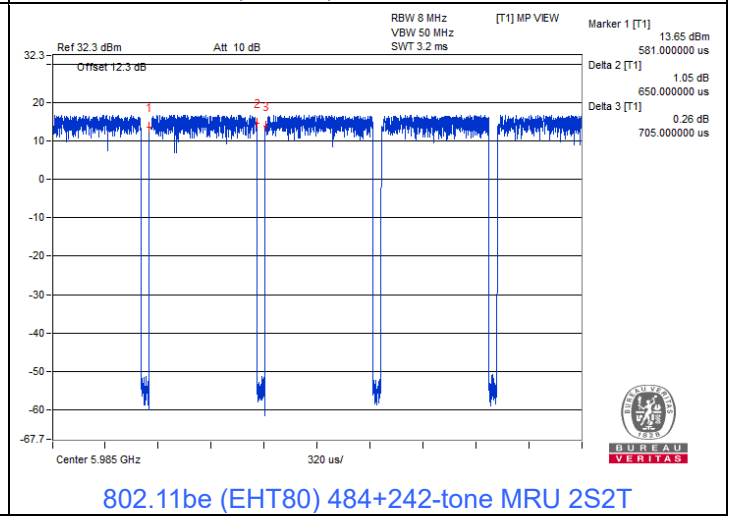
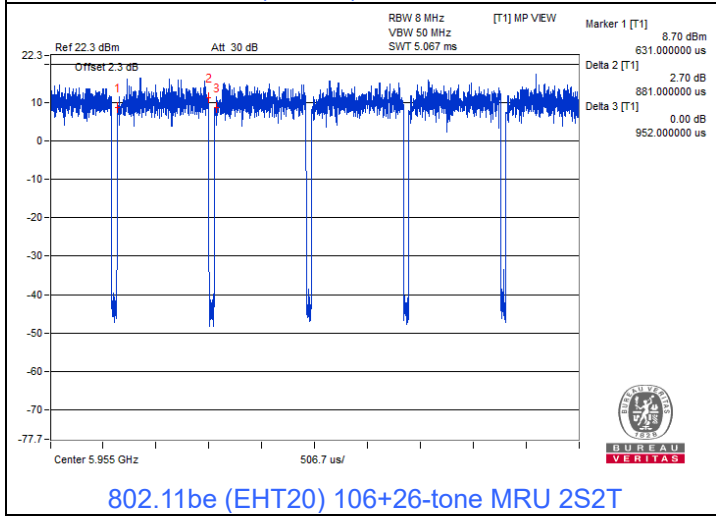
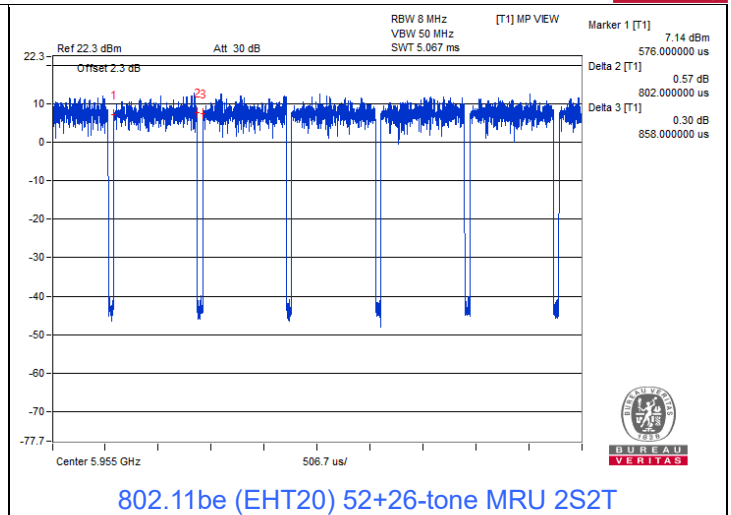
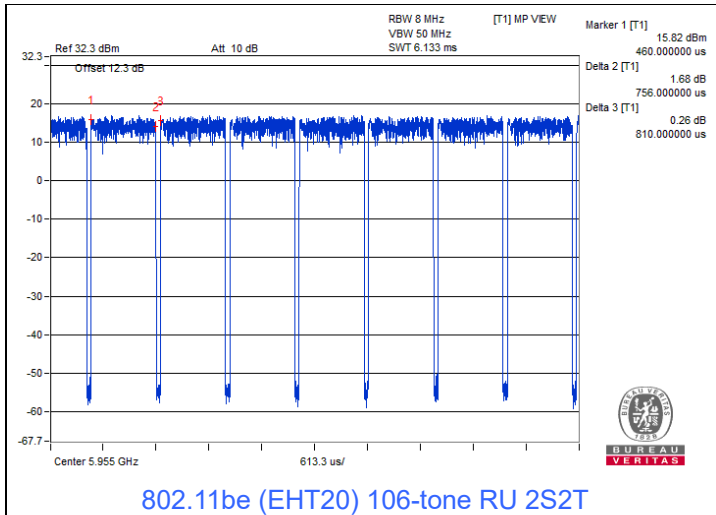
802.11be (EHT160) 996+484+242-tone MRU 2S2T:

Duty cycle = 0.635 ms / 0.697 ms x 100% = 91.1%, duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 0.40 \text{ dB}$







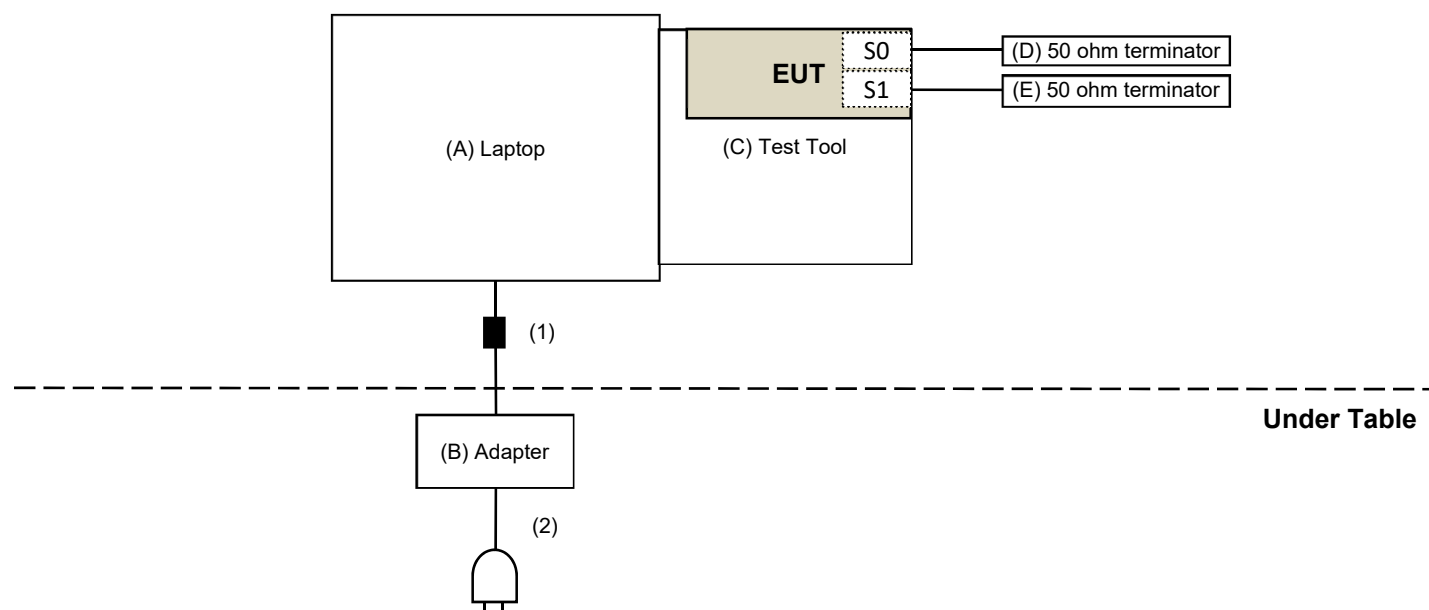


3.6 Test Program Used and Operation Descriptions

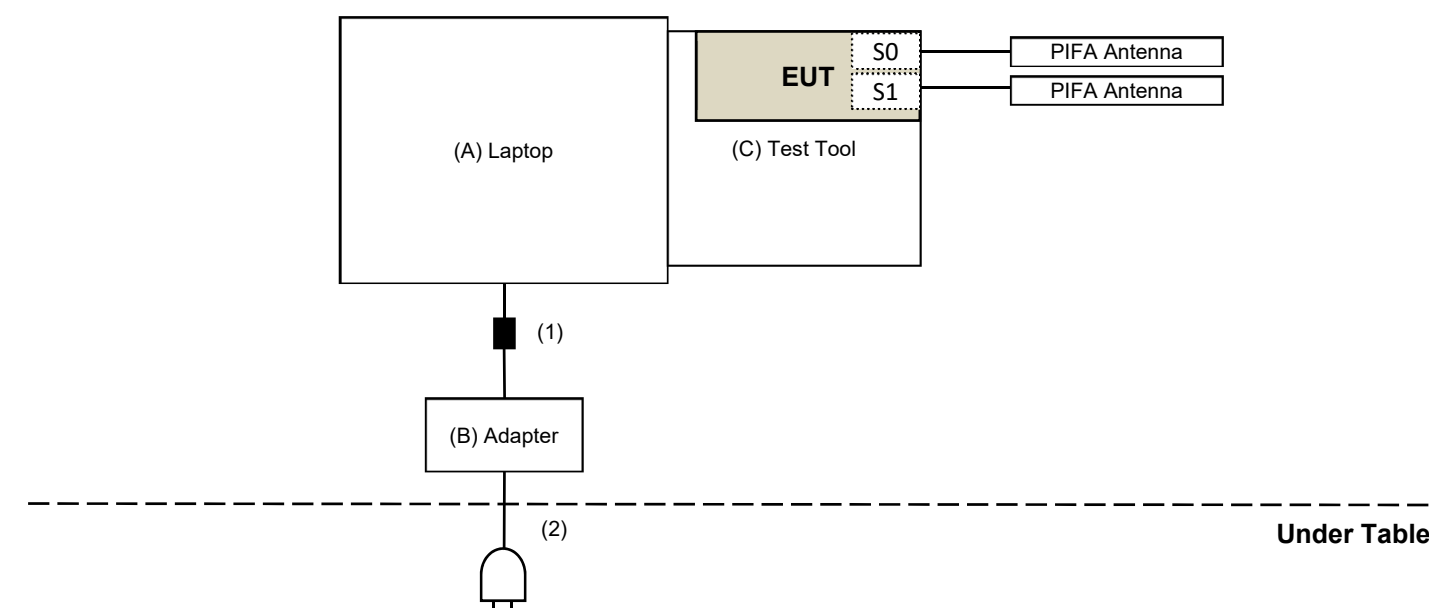
Controlling software (QAtool_V16 (0.0.2.104)) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

For Unwanted Emission test:



For AC Power Conducted Emission test:



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Lenovo	L440	R90FM90G	N/A	Provided by Lab
B	Adapter	Lenovo	ADLX45DLC3A	N/A	N/A	Provided by Lab
C	Test Tool	Mediatek	MTK1849	N/A	N/A	Supplied by applicant
D	50 Ohm terminator	WOKEN	WTER-18S2	N/A	N/A	Provided by Lab
E	50 Ohm terminator	WOKEN	WTER-18S2	N/A	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.8	No	1	Provided by Lab
2	AC Cable	1	1	No	0	Provided by Lab

4 Test Instruments

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

4.1 Maximum RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Pulse Power Sensor Anritsu	MA2411B	1726434	2024/6/7	2025/6/6
RF Power Meter Anritsu	ML2495A	1529002	2024/6/7	2025/6/6

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/12/13

4.2 Maximum Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
PXA Signal Analyzer Keysight	N9030A	MY55410176	2024/6/12	2025/6/11
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2024/12/13

4.3 Emission Bandwidth

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

4.4 In-Band Emission Mask

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

4.5 Occupied Bandwidth

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

4.6 Contention-based Protocol

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Frequency Extender Keysight	N5182BX07	MY59360198	2024/9/27	2025/9/26
MXG Vector Signal Generator Keysight	N5182B	MY53052647	2024/9/27	2025/9/26
Power Splitter/Combiner Mini-Circuits	ZFRSC-123-S+	F698501347_01	2024/10/30	2025/10/29
		F698501347_02	2024/10/30	2025/10/29
Signal & Spectrum Analyzer R&S	FSW8	101497	2024/5/21	2025/5/20
Signal Analyzer R&S	FSV40	101516	2025/1/15	2026/1/14

Notes:

1. The test was performed in Adaptivity room.
2. Tested Date: 2025/1/20

4.7 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	2024/2/19	2025/2/18
LISN R&S	ESH3-Z5	835239/001	2024/4/3	2025/4/2
		848773/004	2024/10/7	2025/10/6
RF Coaxial Cable JYEBAO	5D-FB	COCCAB-001	2024/2/19	2025/2/18
Software BVADT	BVADT_Cond_V7.3.7.4	N/A	N/A	N/A

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2024/12/19

4.8 Unwanted Emissions below 1 GHz

Mode A

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
PXA Signal Analyzer Keysight	N9030A	MY55410176	2024/6/12	2025/6/11
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2025/1/6 ~ 2025/1/14

Mode B

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-406	2024/10/8	2025/10/7
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Fixed Attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	2024/2/17	2025/2/16
Loop Antenna TESEQ	HLA 6121	63620	2024/10/17	2025/10/16
MXE EMI Receiver Agilent	N9038A	MY51210202	2024/7/29	2025/7/28
Preamplifier EMCI	EMC330N	980701	2024/2/17	2025/2/16
	EMC001340	980142	2024/2/19	2025/2/18
RF Coaxial Cable mTJ	100100-CFD400LW-200	CFD400-200	2024/2/17	2025/2/16
	100100-CFD400LW-400	CFD400-400	2024/2/17	2025/2/16
	100100-CFD400LW-800	CFD400-800	2024/2/17	2025/2/16
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2024/12/19

4.9 Unwanted Emissions above 1 GHz

Mode A

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
PXA Signal Analyzer Keysight	N9030A	MY55410176	2024/6/12	2025/6/11
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2025/1/2 ~ 2025/3/11

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: 2025/3/26

4.10 APC (Automatic Power Control) and Proper Power Adjustment

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Wireless Connectivity Test Set Anritsu	MT8862A	6261883625	2024/7/20	2025/7/19
PXA Signal Analyzer Keysight	N9030A	MY54490570	2024/6/5	2025/6/4
Power Divider MVE	MVE8596	B400028	2024/3/19	2025/3/18
Dual Directional Coupler Pulsar	CS20-18-436/16	1139	2024/8/8	2025/8/7

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2025/3/14

5 Limits of Test Items

5.1 Maximum RF Output Power

Operation Band	Equipment Class	Limit
		Maximum Average Power
U-NII-5 U-NII-6 U-NII-7 U-NII-8	6CD: 15E 6 GHz Dual client (under control of a low-power indoor access point)	EIRP 24 dBm
U-NII-5 U-NII-7	6CD: 15E 6 GHz Dual client (under control of a Standard power access point)	EIRP 30 dBm

Per KDB 662911 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 Maximum Power Spectral Density

Operation Band	Equipment Class	Limit
		Maximum Power Density
U-NII-5 U-NII-6 U-NII-7 U-NII-8	6CD: 15E 6 GHz Dual client (under control of a low-power indoor access point)	EIRP -1 dBm/MHz
U-NII-5 U-NII-7	6CD: 15E 6 GHz Dual client (under control of a Standard power access point)	EIRP 17 dBm/MHz

5.3 Emission Bandwidth

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 MHz.

5.4 In-Band Emission Mask

Test Item	Frequencies (MHz)	(X) dBc* ¹
Emission Mask	At 1 MHz outside of channel edge	20
	At one channel bandwidth from the channel center* ²	28
	At one- and one-half times the channel bandwidth away from channel center* ³	40
	More than one- and one-half times the channel bandwidth	40

*¹ : The power spectral density must be suppressed by “x” dB

*² : At frequencies between one megahertz outside an unlicensed device’s channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression,

*³ : At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.

5.5 Occupied Bandwidth

The results are for reference only.

5.6 Contention-based Protocol

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm (The threshold is referenced to a 0 dBi antenna gain.) or lower. Additionally, indoor low-power devices must detect co-channel energy with 90% or greater certainty.

5.7 AC Power Conducted Emissions

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

Notes:

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

5.8 Unwanted Emissions below 1 GHz

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

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

Notes:

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

5.9 Unwanted Emissions above 1 GHz

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

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

Notes:

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

Limits of unwanted emission out of the restricted bands

Frequencies (MHz)	EIRP Limit	Equivalent Field Strength at 3 m
5925 MHz > F > 7125 MHz	Peak: -7 (dBm/MHz)	88.2 (dBuV/m)
	Average: -27 (dBm/MHz)	68.2 (dBuV/m)

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

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

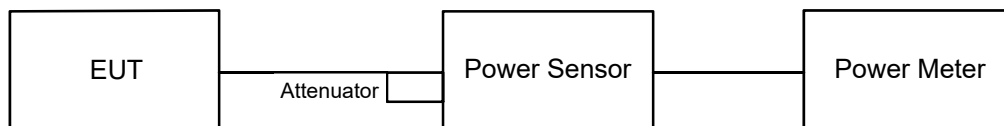
5.10 APC (Automatic Power Control) and Proper Power Adjustment

The maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point.

6 Test Arrangements

6.1 Maximum RF Output Power

6.1.1 Test Setup

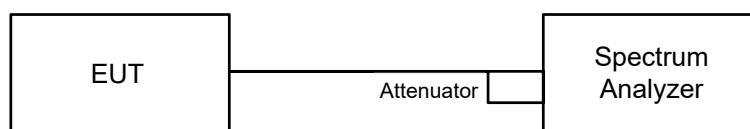


6.1.2 Test Procedure

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.

6.2 Maximum Power Spectral Density

6.2.1 Test Setup



6.2.2 Test Procedure

For specified measurement bandwidth 1 MHz:

Method SA-1

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Record the max value

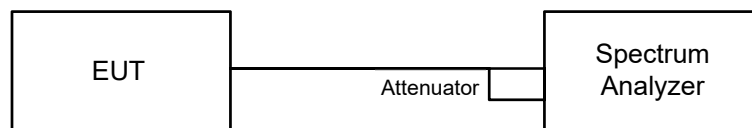
For specified measurement bandwidth 1 MHz:

Method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- Record the max value and add $10 \log (1/\text{duty cycle})$.

6.3 Emission Bandwidth

6.3.1 Test Setup

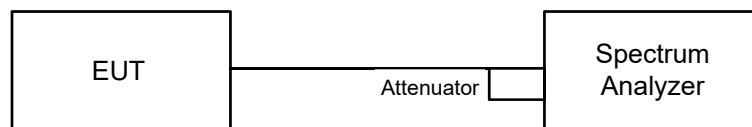


6.3.2 Test Procedure

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

6.4 In-Band Emission Mask

6.4.1 Test Setup

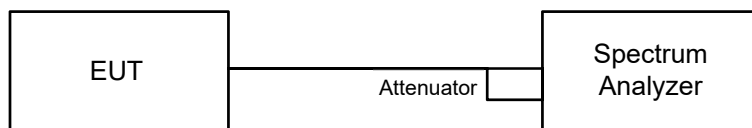


6.4.2 Test Procedure

- Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
- Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (Determine the channel edge.)
- Measure the power spectral density (for emissions mask reference) using the following procedure:
 - Set the span to encompass the entire 26 dB EBW of the signal.
 - Set RBW = same RBW used for 26 dB EBW measurement.
 - Set VBW ≥ [3 X RBW].
 - Number of points in sweep ≥ [2 X span / RBW].
 - Sweep time = auto.
 - Detector = RMS (i.e., power averaging).
 - Trace average at least 100 traces in power averaging (rms) mode.
 - Use the peak search function on the instrument to find the peak of the spectrum.
- Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
 - Suppressed by 28 dB at one channel bandwidth from the channel center.
 - Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
- Adjust the span to encompass the entire mask as necessary and clear trace.
- Trace average at least 100 traces in power averaging (rms) mode.
- Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

6.5 Occupied Bandwidth

6.5.1 Test Setup

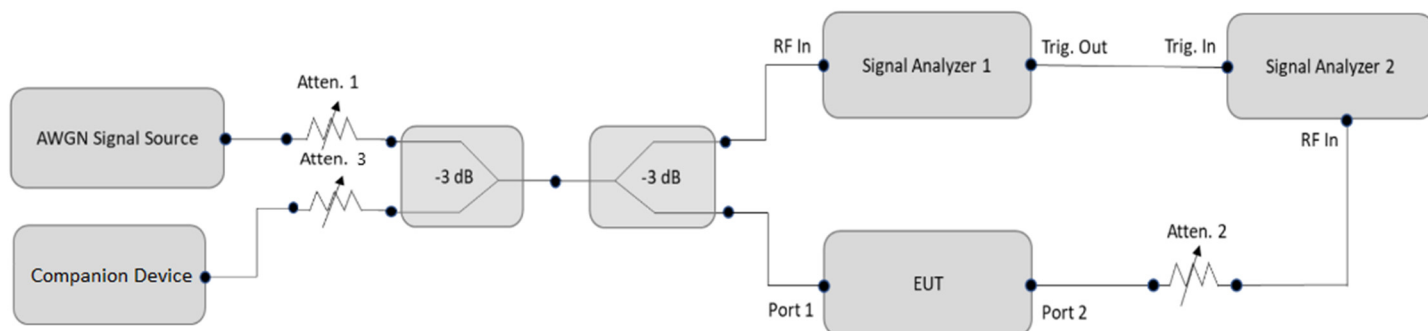


6.5.2 Test Procedure

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

6.6 Contention-based Protocol

6.6.1 Test Setup



6.6.2 Test Procedure

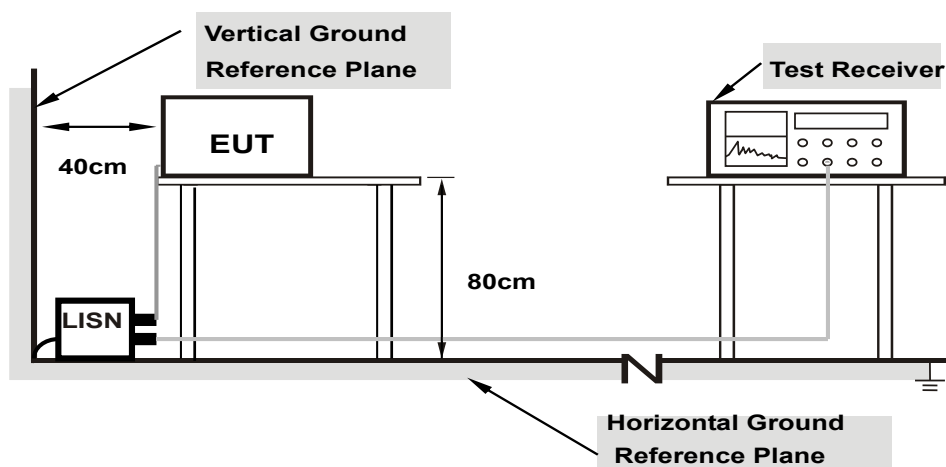
- Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
- Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters (set as following section 4.7.5 EUT operating condition).
- Determine number of times detection threshold test as following table,

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Same as EUT transmission
$BW_{Inc} < BW_{EUT} \leq 2x BW_{Inc}$	Once	Contained within BW_{EUT}
$2x BW_{Inc} < BW_{EUT} \leq 4x BW_{Inc}$	Twice. (Incumbent transmission is contained within BW_{EUT})	Closely to the lower edge and upper edge of the EUT Channel
$BW_{EUT} > 4x BW_{Inc}$	Three times	Closely to the lower edge, in the middle and upper edge of the EUT Channel

- Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use step c table to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
- Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT.
- Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
- Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
- (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
- Refer to step c table to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step d, choose a different center frequency for the AWGN signal and repeat the process.

6.7 AC Power Conducted Emissions

6.7.1 Test Setup



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

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

6.7.2 Test Procedure

- 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.

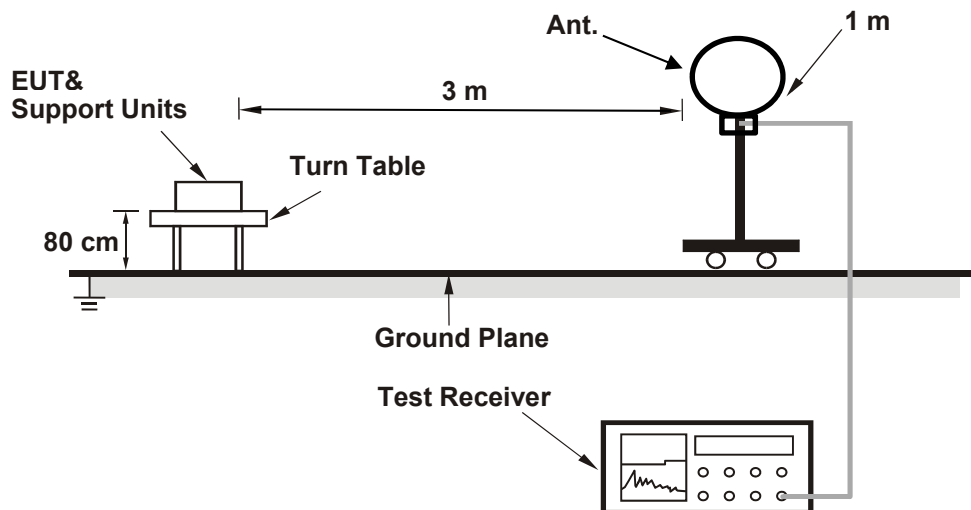
Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

6.8 Unwanted Emissions below 1 GHz

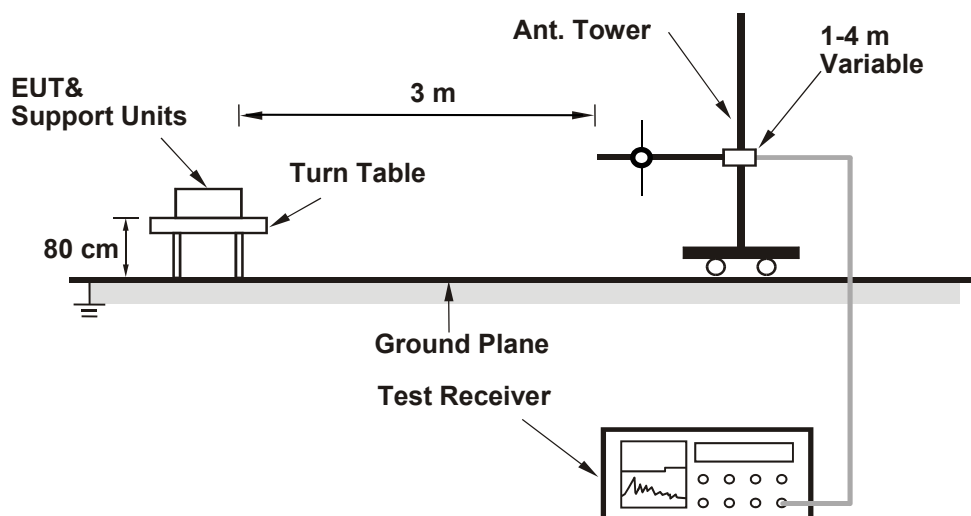
6.8.1 Test Setup

For Radiated Configuration:

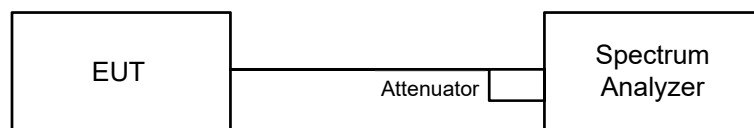
For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For Conducted Configuration:



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

6.8.2 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.

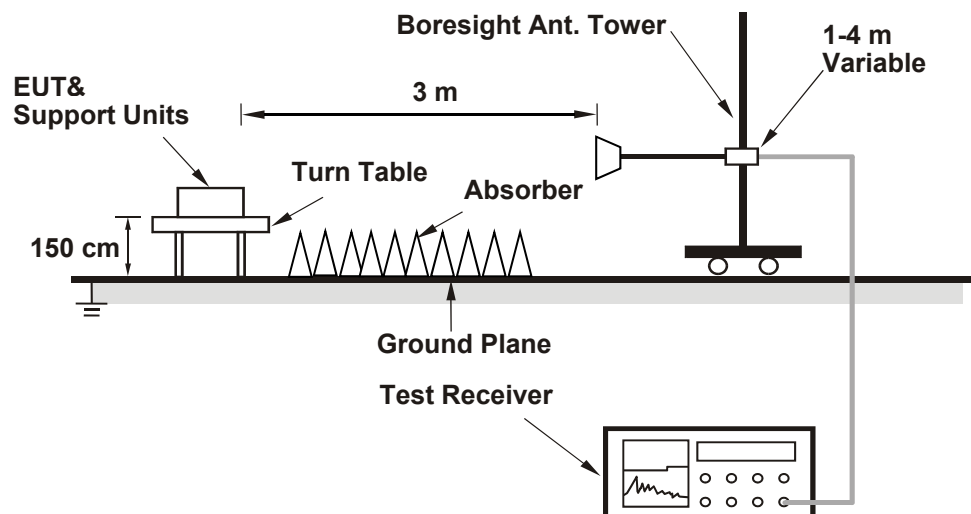
Notes:

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.

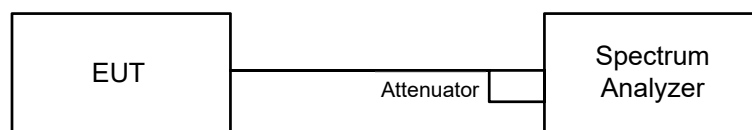
6.9 Unwanted Emissions above 1 GHz

6.9.1 Test Setup

For Radiated Configuration:



For Conducted Configuration:



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

6.9.2 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.

For Integration method:

- i. For band edge measurement, the integration method is used, the resolution bandwidth of test spectrum analyzer is 100 kHz and the video bandwidth is 300 kHz. Please refer to the following for other instrument settings.
 - ii. Using the detector peak method, refer to ANSI C63.10 section 12.7.4.4.3 (a) and 12.7.6, the peak value = peak reading value.
 - iii. Using the detector RMS (power averaging) method, refer to ANSI C63.10 section 12.7.4.4.3 (b) and 12.7.7, the Average value = Average Reading + Duty Cycle Correction Factor. For duty cycle correction factor values, see the Test Signal Duty Cycle section in this report.
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.

6.10 APC (Automatic Power Control) and Proper Power Adjustment

6.10.1 Test Setup

Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

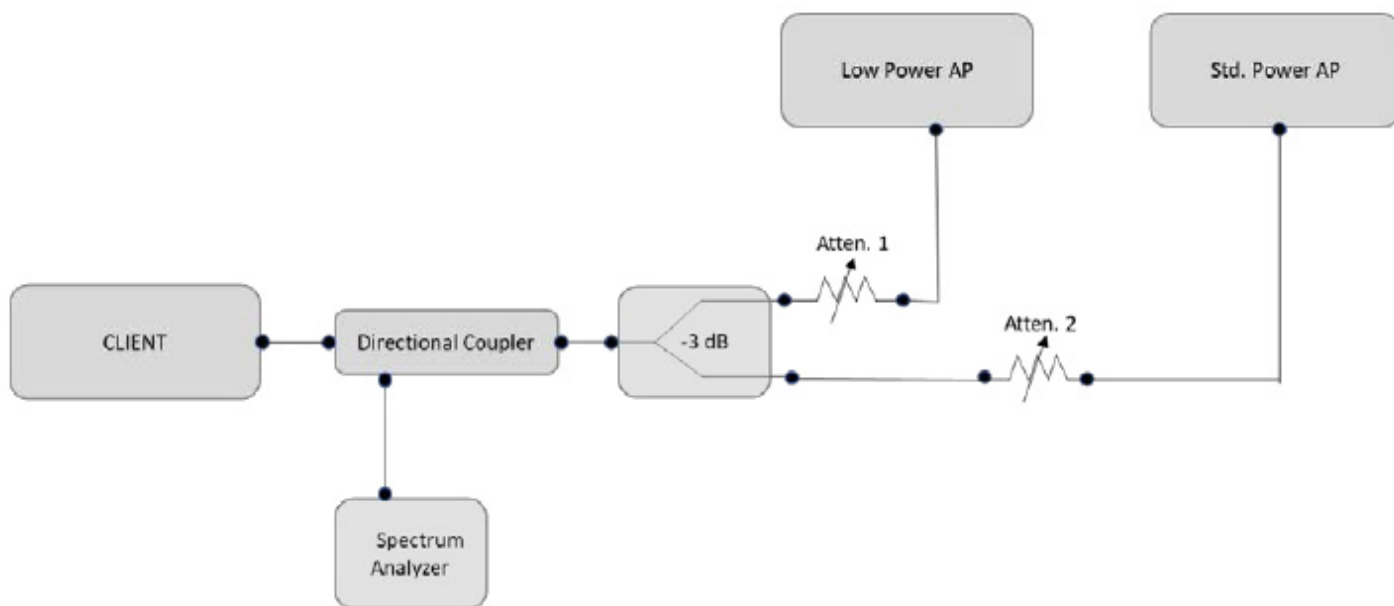


Figure 6. Test setup for conducted testing

Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point (APC)

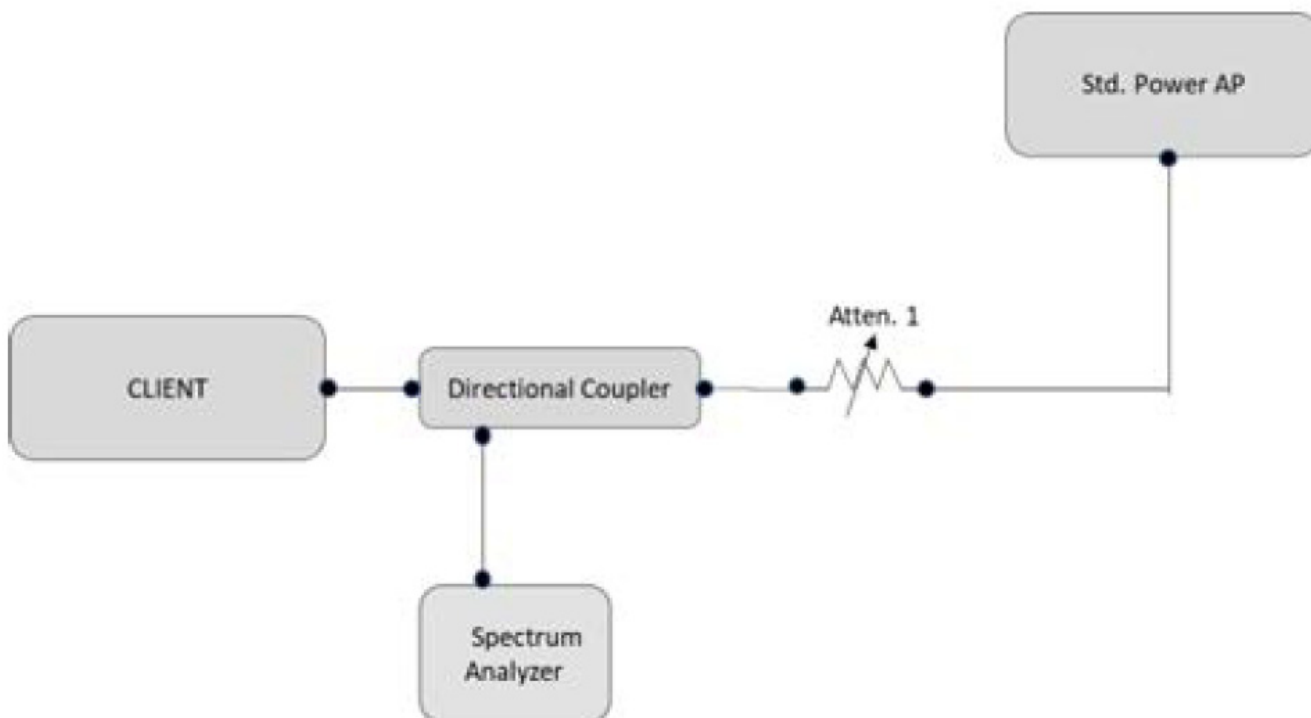


Figure 7. Test setup for conducted testing

6.10.2 Test Procedure

Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

Measurement method reference KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01 Part II Measurement Procedure Clause K.

The detailed test process is as follows:

- a. Connect equipment as shown in Figure 6 below.
- b. Adjust Atten 2 to Std Power AP so as to facilitate error free communication with the Client (Atten 1 should be set to High on the RF path to the Low Power AP).
- c. Configure the Client and APs so that they associate and start sending data (stream data). It is important that the client is configured to transmit at its highest power level. Initially, because the attenuation on Atten 1 is set high, the Client will only associate with the Std Power AP.
- d. Verify transmission between Client and Std Power AP. Additional attenuators may be required to protect measurement equipment. Measure the Client RF power using any of the methods in C63.10 for NII devices.
- e. Gradually increase Atten 2 while at the same time decreasing Atten 1. This simulates the Client moving from outdoors to indoors. At some level of attenuation the Client should associate with the Low Power indoor AP. Verify transmission between Client and Low Power AP.
- f. Measure the RF power of the Client device using the same method as in step 4. Verify the power is no more than 24 dBm EIRP.

Note – measuring Client RF power reliably from a directional coupler measurement port may be tricky. Due to coupling, some energy from the AP will show up on the measurement port. Signal isolation techniques on the measurement analyzer will need to be used.

Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point (APC)

Measurement method reference KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01 Part II Measurement Procedure Clause L.

The detailed test process is as follows:

- a. Connect equipment as shown in Figure 7 below.
- b. Adjust Atten 1 to Std Power AP so as to facilitate error free communication with the Client but protect the Client receiver from overload or damage.
- c. Configure the Client and AP so that they associate and start sending data (stream data). The AP should be configured such that its registered power is 36 dBm EIRP.
- d. Verify transmission between Client and Std Power AP. Additional attenuators may be required to protect measurement equipment. Measure the Client RF power using any of the methods in C63.10 for NII devices. Use this power, along with its antenna gain, to calculate the Client EIRP.
- e. The Client EIRP should be minimally 6 dB lower than that of the AP.
- f. Repeat Steps 2 through 5 at two other selected measurement points – the first at the midpoint and the second at the lowest rated power of the client as declared by the manufacturer.

7 Test Results of Test Item

7.1 Maximum RF Output Power

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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under control of a low-power indoor AP

802.11a 1TX

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	1.589	2.01	8.37	10.918	10.38	24	Pass
45	6175	1.603	2.05	8.37	11.014	10.42	24	Pass
93	6415	1.622	2.10	8.37	11.144	10.47	24	Pass
97	6435	1.57	1.96	8.37	10.787	10.33	24	Pass
105	6475	1.538	1.87	8.37	10.567	10.24	24	Pass
113	6515	1.521	1.82	8.37	10.45	10.19	24	Pass
117	6535	1.535	1.86	8.37	10.547	10.23	24	Pass
149	6695	1.542	1.88	8.37	10.595	10.25	24	Pass
181	6855	1.535	1.86	8.37	10.547	10.23	24	Pass
185	6875	1.567	1.95	8.37	10.766	10.32	24	Pass
209	6995	1.517	1.81	8.37	10.423	10.18	24	Pass
233	7115	1.56	1.93	8.37	10.718	10.3	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11ax (HE20) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	1.679	2.25	8.37	11.536	10.62	24	Pass
45	6175	1.82	2.60	8.37	12.505	10.97	24	Pass
93	6415	1.816	2.59	8.37	12.477	10.96	24	Pass
97	6435	1.811	2.58	8.37	12.443	10.95	24	Pass
105	6475	1.687	2.27	8.37	11.591	10.64	24	Pass
113	6515	1.683	2.26	8.37	11.563	10.63	24	Pass
117	6535	1.746	2.42	8.37	11.996	10.79	24	Pass
149	6695	1.683	2.26	8.37	11.563	10.63	24	Pass
181	6855	1.69	2.28	8.37	11.611	10.65	24	Pass
185	6875	1.75	2.43	8.37	12.024	10.8	24	Pass
209	6995	1.675	2.24	8.37	11.508	10.61	24	Pass
233	7115	1.667	2.22	8.37	11.453	10.59	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11ax (HE40) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
3	5965	3.365	5.27	8.37	23.12	13.64	24	Pass
43	6165	3.357	5.26	8.37	23.065	13.63	24	Pass
91	6405	3.381	5.29	8.37	23.23	13.66	24	Pass
99	6445	3.327	5.22	8.37	22.859	13.59	24	Pass
107	6485	3.381	5.29	8.37	23.23	13.66	24	Pass
115	6525	3.342	5.24	8.37	22.962	13.61	24	Pass
123	6565	3.451	5.38	8.37	23.711	13.75	24	Pass
155	6725	3.342	5.24	8.37	22.962	13.61	24	Pass
179	6845	3.467	5.40	8.37	23.821	13.77	24	Pass
187	6885	3.451	5.38	8.37	23.711	13.75	24	Pass
211	7005	3.35	5.25	8.37	23.017	13.62	24	Pass
227	7085	3.357	5.26	8.37	23.065	13.63	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11ax (HE80) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
7	5985	6.714	8.27	8.37	46.13	16.64	24	Pass
39	6145	6.761	8.30	8.37	46.453	16.67	24	Pass
87	6385	6.982	8.44	8.37	47.971	16.81	24	Pass
103	6465	6.761	8.30	8.37	46.453	16.67	24	Pass
119	6545	6.714	8.27	8.37	46.13	16.64	24	Pass
151	6705	6.637	8.22	8.37	45.601	16.59	24	Pass
183	6865	6.745	8.29	8.37	46.343	16.66	24	Pass
199	6945	6.73	8.28	8.37	46.24	16.65	24	Pass
215	7025	6.776	8.31	8.37	46.556	16.68	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11ax (HE160) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	11.967	10.78	8.37	82.221	19.15	24	Pass
47	6185	12.303	10.90	8.37	84.53	19.27	24	Pass
79	6345	12.388	10.93	8.37	85.114	19.3	24	Pass
111	6505	12.023	10.80	8.37	82.606	19.17	24	Pass
143	6665	12.388	10.93	8.37	85.114	19.3	24	Pass
175	6825	12.078	10.82	8.37	82.984	19.19	24	Pass
207	6985	12.05	10.81	8.37	82.792	19.18	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	1.75	2.43	8.37	12.024	10.8	24	Pass
45	6175	1.832	2.63	8.37	12.587	11	24	Pass
93	6415	1.82	2.60	8.37	12.505	10.97	24	Pass
97	6435	1.82	2.60	8.37	12.505	10.97	24	Pass
105	6475	1.758	2.45	8.37	12.079	10.82	24	Pass
113	6515	1.742	2.41	8.37	11.969	10.78	24	Pass
117	6535	1.75	2.43	8.37	12.024	10.8	24	Pass
149	6695	1.754	2.44	8.37	12.051	10.81	24	Pass
181	6855	1.746	2.42	8.37	11.996	10.79	24	Pass
185	6875	1.82	2.60	8.37	12.505	10.97	24	Pass
209	6995	1.746	2.42	8.37	11.996	10.79	24	Pass
233	7115	1.742	2.41	8.37	11.969	10.78	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT40) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
3	5965	3.516	5.46	8.37	24.157	13.83	24	Pass
43	6165	3.475	5.41	8.37	23.876	13.78	24	Pass
91	6405	3.532	5.48	8.37	24.267	13.85	24	Pass
99	6445	3.475	5.41	8.37	23.876	13.78	24	Pass
107	6485	3.491	5.43	8.37	23.986	13.8	24	Pass
115	6525	3.475	5.41	8.37	23.876	13.78	24	Pass
123	6565	3.467	5.40	8.37	23.821	13.77	24	Pass
155	6725	3.475	5.41	8.37	23.876	13.78	24	Pass
179	6845	3.475	5.41	8.37	23.876	13.78	24	Pass
187	6885	3.467	5.40	8.37	23.821	13.77	24	Pass
211	7005	3.491	5.43	8.37	23.986	13.8	24	Pass
227	7085	3.483	5.42	8.37	23.931	13.79	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT80) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
7	5985	6.982	8.44	8.37	47.971	16.81	24	Pass
39	6145	6.934	8.41	8.37	47.641	16.78	24	Pass
87	6385	7.015	8.46	8.37	48.198	16.83	24	Pass
103	6465	6.95	8.42	8.37	47.751	16.79	24	Pass
119	6545	6.966	8.43	8.37	47.861	16.8	24	Pass
151	6705	6.918	8.40	8.37	47.531	16.77	24	Pass
183	6865	6.982	8.44	8.37	47.971	16.81	24	Pass
199	6945	6.966	8.43	8.37	47.861	16.8	24	Pass
215	7025	6.998	8.45	8.37	48.081	16.82	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT160) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	12.359	10.92	8.37	84.915	19.29	24	Pass
47	6185	12.445	10.95	8.37	85.506	19.32	24	Pass
79	6345	12.764	11.06	8.37	87.697	19.43	24	Pass
111	6505	12.078	10.82	8.37	82.984	19.19	24	Pass
143	6665	12.445	10.95	8.37	85.506	19.32	24	Pass
175	6825	12.359	10.92	8.37	84.915	19.29	24	Pass
207	6985	12.445	10.95	8.37	85.506	19.32	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11ax (HE20) 26-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	0.2786	-5.55	8.37	1.914	2.82	24	Pass
93	6415	0.2805	-5.52	8.37	1.927	2.85	24	Pass
97	6435	0.2761	-5.59	8.37	1.897	2.78	24	Pass
113	6515	0.2761	-5.59	8.37	1.897	2.78	24	Pass
117	6535	0.2799	-5.53	8.37	1.923	2.84	24	Pass
185	6875	0.278	-5.56	8.37	1.91	2.81	24	Pass
209	6995	0.2767	-5.58	8.37	1.901	2.79	24	Pass
233	7115	0.2805	-5.52	8.37	1.927	2.85	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11ax (HE20) 52-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	0.5458	-2.63	8.37	3.75	5.74	24	Pass
93	6415	0.5521	-2.58	8.37	3.793	5.79	24	Pass
97	6435	0.5559	-2.55	8.37	3.819	5.82	24	Pass
113	6515	0.5433	-2.65	8.37	3.733	5.72	24	Pass
117	6535	0.5508	-2.59	8.37	3.784	5.78	24	Pass
185	6875	0.542	-2.66	8.37	3.724	5.71	24	Pass
209	6995	0.5521	-2.58	8.37	3.793	5.79	24	Pass
233	7115	0.5508	-2.59	8.37	3.784	5.78	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11ax (HE20) 106-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	1.102	0.42	8.37	7.571	8.79	24	Pass
93	6415	1.099	0.41	8.37	7.551	8.78	24	Pass
97	6435	1.102	0.42	8.37	7.571	8.79	24	Pass
113	6515	1.119	0.49	8.37	7.688	8.86	24	Pass
117	6535	1.138	0.56	8.37	7.819	8.93	24	Pass
185	6875	1.127	0.52	8.37	7.743	8.89	24	Pass
209	6995	1.122	0.50	8.37	7.709	8.87	24	Pass
233	7115	1.132	0.54	8.37	7.778	8.91	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 26-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	0.2799	-5.53	8.37	1.923	2.84	24	Pass
93	6415	0.2818	-5.50	8.37	1.936	2.87	24	Pass
97	6435	0.2799	-5.53	8.37	1.923	2.84	24	Pass
113	6515	0.2799	-5.53	8.37	1.923	2.84	24	Pass
117	6535	0.2825	-5.49	8.37	1.941	2.88	24	Pass
185	6875	0.2805	-5.52	8.37	1.927	2.85	24	Pass
209	6995	0.2786	-5.55	8.37	1.914	2.82	24	Pass
233	7115	0.2818	-5.50	8.37	1.936	2.87	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 52-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	0.5495	-2.60	8.37	3.775	5.77	24	Pass
93	6415	0.5649	-2.48	8.37	3.881	5.89	24	Pass
97	6435	0.5598	-2.52	8.37	3.846	5.85	24	Pass
113	6515	0.5495	-2.60	8.37	3.775	5.77	24	Pass
117	6535	0.5572	-2.54	8.37	3.828	5.83	24	Pass
185	6875	0.5495	-2.60	8.37	3.775	5.77	24	Pass
209	6995	0.561	-2.51	8.37	3.854	5.86	24	Pass
233	7115	0.5598	-2.52	8.37	3.846	5.85	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 106-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	1.117	0.48	8.37	7.675	8.85	24	Pass
93	6415	1.109	0.45	8.37	7.62	8.82	24	Pass
97	6435	1.119	0.49	8.37	7.688	8.86	24	Pass
113	6515	1.122	0.50	8.37	7.709	8.87	24	Pass
117	6535	1.148	0.60	8.37	7.888	8.97	24	Pass
185	6875	1.153	0.62	8.37	7.922	8.99	24	Pass
209	6995	1.127	0.52	8.37	7.743	8.89	24	Pass
233	7115	1.146	0.59	8.37	7.874	8.96	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 52+26-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	0.863	-0.64	8.37	5.929	7.73	24	Pass
93	6415	0.867	-0.62	8.37	5.957	7.75	24	Pass
97	6435	0.873	-0.59	8.37	5.998	7.78	24	Pass
113	6515	0.8892	-0.51	8.37	6.109	7.86	24	Pass
117	6535	0.881	-0.55	8.37	6.053	7.82	24	Pass
185	6875	0.8511	-0.70	8.37	5.848	7.67	24	Pass
209	6995	0.8472	-0.72	8.37	5.821	7.65	24	Pass
233	7115	0.8831	-0.54	8.37	6.068	7.83	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 106+26-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	1.109	0.45	8.37	7.62	8.82	24	Pass
93	6415	1.104	0.43	8.37	7.585	8.8	24	Pass
97	6435	1.045	0.19	8.37	7.18	8.56	24	Pass
113	6515	1.05	0.21	8.37	7.214	8.58	24	Pass
117	6535	1.047	0.20	8.37	7.194	8.57	24	Pass
185	6875	1.062	0.26	8.37	7.297	8.63	24	Pass
209	6995	1.05	0.21	8.37	7.214	8.58	24	Pass
233	7115	1.072	0.30	8.37	7.365	8.67	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT80) 484+242-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
7	5985	4.808	6.82	8.37	33.034	15.19	24	Pass
87	6385	5	6.99	8.37	34.353	15.36	24	Pass
103	6465	4.875	6.88	8.37	33.495	15.25	24	Pass
119	6545	4.966	6.96	8.37	34.12	15.33	24	Pass
183	6865	4.853	6.86	8.37	33.343	15.23	24	Pass
199	6945	4.898	6.90	8.37	33.653	15.27	24	Pass
215	7025	4.786	6.80	8.37	32.883	15.17	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT160) 996+484-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	9.886	9.95	8.37	67.924	18.32	24	Pass
79	6345	9.817	9.92	8.37	67.45	18.29	24	Pass
111	6505	9.84	9.93	8.37	67.608	18.3	24	Pass
143	6665	9.683	9.86	8.37	66.529	18.23	24	Pass
175	6825	9.772	9.90	8.37	67.14	18.27	24	Pass
207	6985	9.886	9.95	8.37	67.924	18.32	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT160) 996+484+242-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	11.041	10.43	8.37	75.859	18.8	24	Pass
79	6345	10.99	10.41	8.37	75.509	18.78	24	Pass
111	6505	11.092	10.45	8.37	76.21	18.82	24	Pass
143	6665	11.066	10.44	8.37	76.031	18.81	24	Pass
175	6825	10.99	10.41	8.37	75.509	18.78	24	Pass
207	6985	11.117	10.46	8.37	76.381	18.83	24	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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802.11a 2TX

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-3.73	-4.40	0.7867	-1.04	8.37	5.405	7.33	24	Pass
45	6175	-3.80	-4.32	0.7867	-1.04	8.37	5.405	7.33	24	Pass
93	6415	-3.72	-4.10	0.8137	-0.90	8.37	5.591	7.47	24	Pass
97	6435	-3.90	-4.00	0.8055	-0.94	8.37	5.534	7.43	24	Pass
105	6475	-3.80	-4.30	0.7884	-1.03	8.37	5.417	7.34	24	Pass
113	6515	-3.82	-4.11	0.8031	-0.95	8.37	5.518	7.42	24	Pass
117	6535	-4.22	-4.13	0.7648	-1.16	8.37	5.255	7.21	24	Pass
149	6695	-3.98	-4.30	0.7715	-1.13	8.37	5.301	7.24	24	Pass
181	6855	-3.70	-4.48	0.783	-1.06	8.37	5.38	7.31	24	Pass
185	6875	-3.84	-4.30	0.7846	-1.05	8.37	5.391	7.32	24	Pass
209	6995	-3.96	-4.46	0.7599	-1.19	8.37	5.221	7.18	24	Pass
233	7115	-3.70	-4.35	0.7939	-1.00	8.37	5.455	7.37	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11ax (HE20) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-0.41	-0.96	1.7116	2.33	8.37	11.76	10.7	24	Pass
45	6175	-0.56	-0.88	1.6956	2.29	8.37	11.65	10.66	24	Pass
93	6415	-0.69	-0.75	1.6945	2.29	8.37	11.642	10.66	24	Pass
97	6435	-0.86	-0.56	1.6994	2.30	8.37	11.676	10.67	24	Pass
105	6475	-0.79	-0.60	1.7046	2.32	8.37	11.712	10.69	24	Pass
113	6515	-0.67	-0.80	1.6888	2.28	8.37	11.603	10.65	24	Pass
117	6535	-0.55	-0.86	1.7014	2.31	8.37	11.69	10.68	24	Pass
149	6695	-0.55	-0.76	1.7205	2.36	8.37	11.821	10.73	24	Pass
181	6855	-0.55	-0.90	1.6939	2.29	8.37	11.638	10.66	24	Pass
185	6875	-0.40	-1.05	1.6972	2.30	8.37	11.661	10.67	24	Pass
209	6995	-0.45	-0.97	1.7014	2.31	8.37	11.69	10.68	24	Pass
233	7115	-0.46	-0.94	1.7049	2.32	8.37	11.714	10.69	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11ax (HE40) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
3	5965	2.33	2.25	3.389	5.30	8.37	23.285	13.67	24	Pass
43	6165	2.31	2.24	3.377	5.29	8.37	23.202	13.66	24	Pass
91	6405	2.27	2.29	3.381	5.29	8.37	23.23	13.66	24	Pass
99	6445	2.33	2.22	3.377	5.29	8.37	23.202	13.66	24	Pass
107	6485	2.48	2.12	3.399	5.31	8.37	23.353	13.68	24	Pass
115	6525	2.38	2.22	3.397	5.31	8.37	23.34	13.68	24	Pass
123	6565	2.43	2.20	3.409	5.33	8.37	23.422	13.7	24	Pass
155	6725	2.57	1.97	3.381	5.29	8.37	23.23	13.66	24	Pass
179	6845	2.53	2.02	3.383	5.29	8.37	23.244	13.66	24	Pass
187	6885	2.65	1.84	3.368	5.27	8.37	23.14	13.64	24	Pass
211	7005	2.55	2.02	3.391	5.30	8.37	23.298	13.67	24	Pass
227	7085	2.52	2.06	3.393	5.31	8.37	23.312	13.68	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11ax (HE80) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
7	5985	5.45	5.18	6.804	8.33	8.37	46.748	16.7	24	Pass
39	6145	5.18	5.36	6.732	8.28	8.37	46.253	16.65	24	Pass
87	6385	5.34	5.25	6.769	8.31	8.37	46.508	16.68	24	Pass
103	6465	5.26	5.28	6.73	8.28	8.37	46.24	16.65	24	Pass
119	6545	5.36	5.31	6.832	8.35	8.37	46.941	16.72	24	Pass
151	6705	5.54	5.07	6.795	8.32	8.37	46.686	16.69	24	Pass
183	6865	5.44	5.14	6.765	8.30	8.37	46.48	16.67	24	Pass
199	6945	5.40	5.26	6.825	8.34	8.37	46.892	16.71	24	Pass
215	7025	5.47	5.12	6.775	8.31	8.37	46.549	16.68	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11ax (HE160) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	7.89	7.67	12	10.79	8.37	82.448	19.16	24	Pass
47	6185	7.75	7.89	12.108	10.83	8.37	83.19	19.2	24	Pass
79	6345	7.93	7.62	11.99	10.79	8.37	82.38	19.16	24	Pass
111	6505	7.51	7.98	11.917	10.76	8.37	81.878	19.13	24	Pass
143	6665	8.06	7.56	12.099	10.83	8.37	83.128	19.2	24	Pass
175	6825	8.08	7.40	11.922	10.76	8.37	81.912	19.13	24	Pass
207	6985	8.24	7.48	12.266	10.89	8.37	84.276	19.26	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT20) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-0.31	-0.82	1.7591	2.45	8.37	12.086	10.82	24	Pass
45	6175	-0.42	-0.74	1.7512	2.43	8.37	12.032	10.8	24	Pass
93	6415	-0.56	-0.62	1.746	2.42	8.37	11.996	10.79	24	Pass
97	6435	-0.71	-0.44	1.7528	2.44	8.37	12.043	10.81	24	Pass
105	6475	-0.69	-0.48	1.7485	2.43	8.37	12.013	10.8	24	Pass
113	6515	-0.54	-0.69	1.7362	2.40	8.37	11.929	10.77	24	Pass
117	6535	-0.42	-0.73	1.7531	2.44	8.37	12.045	10.81	24	Pass
149	6695	-0.41	-0.64	1.7729	2.49	8.37	12.181	10.86	24	Pass
181	6855	-0.43	-0.76	1.7452	2.42	8.37	11.991	10.79	24	Pass
185	6875	-0.30	-0.95	1.7368	2.40	8.37	11.933	10.77	24	Pass
209	6995	-0.31	-0.85	1.7534	2.44	8.37	12.047	10.81	24	Pass
233	7115	-0.35	-0.82	1.7505	2.43	8.37	12.027	10.8	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT40) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
3	5965	2.46	2.37	3.488	5.43	8.37	23.965	13.8	24	Pass
43	6165	2.45	2.35	3.476	5.41	8.37	23.882	13.78	24	Pass
91	6405	2.39	2.40	3.472	5.41	8.37	23.855	13.78	24	Pass
99	6445	2.43	2.37	3.476	5.41	8.37	23.882	13.78	24	Pass
107	6485	2.59	2.24	3.49	5.43	8.37	23.979	13.8	24	Pass
115	6525	2.50	2.33	3.488	5.43	8.37	23.965	13.8	24	Pass
123	6565	2.57	2.32	3.513	5.46	8.37	24.137	13.83	24	Pass
155	6725	2.68	2.09	3.472	5.41	8.37	23.855	13.78	24	Pass
179	6845	2.66	2.13	3.478	5.41	8.37	23.896	13.78	24	Pass
187	6885	2.79	1.96	3.471	5.40	8.37	23.848	13.77	24	Pass
211	7005	2.68	2.12	3.483	5.42	8.37	23.931	13.79	24	Pass
227	7085	2.63	2.18	3.484	5.42	8.37	23.937	13.79	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT80) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
7	5985	5.59	5.33	7.034	8.47	8.37	48.328	16.84	24	Pass
39	6145	5.31	5.48	6.928	8.41	8.37	47.6	16.78	24	Pass
87	6385	5.46	5.40	6.983	8.44	8.37	47.978	16.81	24	Pass
103	6465	5.37	5.42	6.927	8.41	8.37	47.593	16.78	24	Pass
119	6545	5.49	5.41	7.015	8.46	8.37	48.198	16.83	24	Pass
151	6705	5.68	5.22	7.025	8.47	8.37	48.267	16.84	24	Pass
183	6865	5.59	5.28	6.995	8.45	8.37	48.06	16.82	24	Pass
199	6945	5.52	5.39	7.024	8.47	8.37	48.26	16.84	24	Pass
215	7025	5.58	5.27	6.979	8.44	8.37	47.951	16.81	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT160) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	8.03	7.79	12.365	10.92	8.37	84.956	19.29	24	Pass
47	6185	7.88	8.02	12.476	10.96	8.37	85.719	19.33	24	Pass
79	6345	8.04	7.73	12.297	10.90	8.37	84.489	19.27	24	Pass
111	6505	7.64	8.13	12.309	10.90	8.37	84.571	19.27	24	Pass
143	6665	8.19	7.69	12.467	10.96	8.37	85.657	19.33	24	Pass
175	6825	8.22	7.54	12.313	10.90	8.37	84.599	19.27	24	Pass
207	6985	8.35	7.60	12.594	11.00	8.37	86.529	19.37	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11ax (HE20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-8.53	-8.74	0.2739	-5.62	8.37	1.882	2.75	24	Pass
93	6415	-8.55	-8.77	0.2724	-5.65	8.37	1.872	2.72	24	Pass
97	6435	-8.42	-8.51	0.2848	-5.45	8.37	1.957	2.92	24	Pass
113	6515	-8.90	-8.48	0.2707	-5.67	8.37	1.86	2.7	24	Pass
117	6535	-8.49	-8.65	0.278	-5.56	8.37	1.91	2.81	24	Pass
185	6875	-8.50	-8.71	0.2758	-5.59	8.37	1.895	2.78	24	Pass
209	6995	-8.34	-8.61	0.2843	-5.47	8.37	1.953	2.9	24	Pass
233	7115	-8.45	-8.64	0.2797	-5.53	8.37	1.922	2.84	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11ax (HE20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-5.27	-5.58	0.5739	-2.41	8.37	3.943	5.96	24	Pass
93	6415	-5.31	-5.75	0.5605	-2.51	8.37	3.851	5.86	24	Pass
97	6435	-5.49	-5.67	0.5535	-2.56	8.37	3.803	5.81	24	Pass
113	6515	-5.80	-5.36	0.5541	-2.56	8.37	3.807	5.81	24	Pass
117	6535	-5.63	-5.70	0.5427	-2.65	8.37	3.729	5.72	24	Pass
185	6875	-5.19	-5.83	0.5639	-2.49	8.37	3.874	5.88	24	Pass
209	6995	-5.40	-5.72	0.5563	-2.55	8.37	3.822	5.82	24	Pass
233	7115	-5.34	-5.66	0.5641	-2.49	8.37	3.876	5.88	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11ax (HE20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-2.29	-2.93	1.0995	0.41	8.37	7.554	8.78	24	Pass
93	6415	-2.41	-2.71	1.1099	0.45	8.37	7.626	8.82	24	Pass
97	6435	-2.91	-2.30	1.1005	0.42	8.37	7.561	8.79	24	Pass
113	6515	-2.76	-2.45	1.0985	0.41	8.37	7.547	8.78	24	Pass
117	6535	-2.87	-2.50	1.0788	0.33	8.37	7.412	8.7	24	Pass
185	6875	-2.14	-3.10	1.1007	0.42	8.37	7.563	8.79	24	Pass
209	6995	-2.63	-2.47	1.112	0.46	8.37	7.64	8.83	24	Pass
233	7115	-2.51	-2.64	1.1056	0.44	8.37	7.596	8.81	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-8.47	-8.70	0.2771	-5.58	8.37	1.904	2.79	24	Pass
93	6415	-8.46	-8.67	0.2784	-5.56	8.37	1.913	2.81	24	Pass
97	6435	-8.33	-8.50	0.2881	-5.41	8.37	1.979	2.96	24	Pass
113	6515	-8.92	-8.43	0.2718	-5.65	8.37	1.867	2.72	24	Pass
117	6535	-8.45	-8.64	0.2797	-5.53	8.37	1.922	2.84	24	Pass
185	6875	-8.24	-8.91	0.2785	-5.56	8.37	1.913	2.81	24	Pass
209	6995	-8.28	-8.60	0.2866	-5.42	8.37	1.969	2.95	24	Pass
233	7115	-8.44	-8.62	0.2806	-5.51	8.37	1.928	2.86	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-5.25	-5.56	0.5765	-2.39	8.37	3.961	5.98	24	Pass
93	6415	-5.27	-5.74	0.5639	-2.49	8.37	3.874	5.88	24	Pass
97	6435	-5.43	-5.60	0.5618	-2.50	8.37	3.86	5.87	24	Pass
113	6515	-5.79	-5.30	0.5588	-2.53	8.37	3.839	5.84	24	Pass
117	6535	-5.56	-5.62	0.5521	-2.58	8.37	3.793	5.79	24	Pass
185	6875	-5.12	-5.80	0.5706	-2.43	8.37	3.92	5.94	24	Pass
209	6995	-5.40	-5.67	0.5594	-2.53	8.37	3.843	5.84	24	Pass
233	7115	-5.33	-5.60	0.5685	-2.45	8.37	3.906	5.92	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-2.22	-2.92	1.1103	0.45	8.37	7.629	8.82	24	Pass
93	6415	-2.39	-2.65	1.12	0.49	8.37	7.695	8.86	24	Pass
97	6435	-2.86	-2.22	1.1174	0.48	8.37	7.677	8.85	24	Pass
113	6515	-2.67	-2.44	1.1109	0.46	8.37	7.633	8.83	24	Pass
117	6535	-2.80	-2.40	1.1002	0.41	8.37	7.559	8.78	24	Pass
185	6875	-2.13	-3.08	1.1044	0.43	8.37	7.588	8.8	24	Pass
209	6995	-2.63	-2.43	1.1172	0.48	8.37	7.676	8.85	24	Pass
233	7115	-2.46	-2.59	1.1184	0.48	8.37	7.684	8.85	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT20) 52+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-3.41	-3.68	0.8846	-0.53	8.37	6.078	7.84	24	Pass
93	6415	-3.45	-3.81	0.8678	-0.61	8.37	5.962	7.76	24	Pass
97	6435	-4.10	-3.34	0.8525	-0.70	8.37	5.857	7.67	24	Pass
113	6515	-3.66	-3.52	0.8752	-0.58	8.37	6.013	7.79	24	Pass
117	6535	-3.58	-3.60	0.875	-0.58	8.37	6.012	7.79	24	Pass
185	6875	-3.92	-3.25	0.8787	-0.56	8.37	6.037	7.81	24	Pass
209	6995	-3.66	-3.64	0.863	-0.64	8.37	5.929	7.73	24	Pass
233	7115	-3.48	-4.17	0.8316	-0.80	8.37	5.714	7.57	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT20) 106+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-2.66	-3.20	1.0206	0.09	8.37	7.012	8.46	24	Pass
93	6415	-2.64	-3.25	1.0177	0.08	8.37	6.992	8.45	24	Pass
97	6435	-3.54	-2.83	0.9638	-0.16	8.37	6.622	8.21	24	Pass
113	6515	-2.97	-3.20	0.9833	-0.07	8.37	6.756	8.3	24	Pass
117	6535	-3.15	-2.89	0.9982	-0.01	8.37	6.858	8.36	24	Pass
185	6875	-2.81	-3.50	0.9703	-0.13	8.37	6.667	8.24	24	Pass
209	6995	-2.92	-3.20	0.9891	-0.05	8.37	6.796	8.32	24	Pass
233	7115	-2.62	-3.17	1.029	0.12	8.37	7.07	8.49	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT80) 484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
7	5985	3.86	3.84	4.853	6.86	8.37	33.343	15.23	24	Pass
87	6385	4.04	4.26	5.202	7.16	8.37	35.741	15.53	24	Pass
103	6465	4.13	4.58	5.459	7.37	8.37	37.507	15.74	24	Pass
119	6545	4.11	4.10	5.147	7.12	8.37	35.363	15.49	24	Pass
183	6865	4.37	3.72	5.09	7.07	8.37	34.972	15.44	24	Pass
199	6945	4.00	3.60	4.803	6.82	8.37	33	15.19	24	Pass
215	7025	4.38	4.11	5.318	7.26	8.37	36.538	15.63	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT160) 996+484-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	6.90	7.28	10.243	10.10	8.37	70.376	18.47	24	Pass
79	6345	7.20	7.02	10.283	10.12	8.37	70.651	18.49	24	Pass
111	6505	6.70	7.19	9.913	9.96	8.37	68.109	18.33	24	Pass
143	6665	6.87	6.73	9.574	9.81	8.37	65.78	18.18	24	Pass
175	6825	7.14	7.03	10.223	10.10	8.37	70.239	18.47	24	Pass
207	6985	6.76	6.52	9.23	9.65	8.37	63.416	18.02	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

802.11be (EHT160) 996+484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	7.43	7.80	11.559	10.63	8.37	79.418	19	24	Pass
79	6345	7.86	7.48	11.707	10.68	8.37	80.435	19.05	24	Pass
111	6505	7.59	7.90	11.907	10.76	8.37	81.809	19.13	24	Pass
143	6665	7.76	7.50	11.594	10.64	8.37	79.659	19.01	24	Pass
175	6825	8.05	7.80	12.408	10.94	8.37	85.251	19.31	24	Pass
207	6985	7.76	7.53	11.633	10.66	8.37	79.927	19.03	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-6, The maximum gain is 8.37 dBi.
4. For U-NII-7, The maximum gain is 8.37 dBi.
5. For U-NII-8, The maximum gain is 8.37 dBi.

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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under control of a Standard Power AP

802.11a 1TX

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	102.329	20.10	8.37	703.07	28.47	30	Pass
45	6175	100.925	20.04	8.37	693.424	28.41	30	Pass
93	6415	98.628	19.94	8.37	677.642	28.31	30	Pass
117	6535	95.499	19.80	8.37	656.143	28.17	30	Pass
149	6695	98.401	19.93	8.37	676.082	28.3	30	Pass
181	6855	98.855	19.95	8.37	679.202	28.32	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11ax (HE20) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	108.643	20.36	8.37	746.452	28.73	30	Pass
45	6175	100	20.00	8.37	687.068	28.37	30	Pass
93	6415	111.173	20.46	8.37	763.835	28.83	30	Pass
117	6535	108.643	20.36	8.37	746.452	28.73	30	Pass
149	6695	111.173	20.46	8.37	763.835	28.83	30	Pass
181	6855	103.514	20.15	8.37	711.212	28.52	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11ax (HE40) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
3	5965	123.595	20.92	8.37	849.182	29.29	30	Pass
43	6165	120.226	20.80	8.37	826.035	29.17	30	Pass
91	6405	115.08	20.61	8.37	790.678	28.98	30	Pass
123	6565	96.828	19.86	8.37	665.275	28.23	30	Pass
155	6725	91.201	19.60	8.37	626.613	27.97	30	Pass
179	6845	92.257	19.65	8.37	633.869	28.02	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11ax (HE80) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
7	5985	95.94	19.82	8.37	659.173	28.19	30	Pass
39	6145	105.925	20.25	8.37	727.777	28.62	30	Pass
87	6385	108.143	20.34	8.37	743.016	28.71	30	Pass
135	6625	88.308	19.46	8.37	606.736	27.83	30	Pass
151	6705	87.7	19.43	8.37	602.559	27.8	30	Pass
167	6785	86.298	19.36	8.37	592.926	27.73	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11ax (HE160) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	59.02	17.71	8.37	405.508	26.08	30	Pass
47	6185	61.235	17.87	8.37	420.726	26.24	30	Pass
79	6345	59.156	17.72	8.37	406.442	26.09	30	Pass
143	6665	47.424	16.76	8.37	325.835	25.13	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	109.144	20.38	8.37	749.894	28.75	30	Pass
45	6175	100.462	20.02	8.37	690.243	28.39	30	Pass
93	6415	111.944	20.49	8.37	769.132	28.86	30	Pass
117	6535	109.648	20.40	8.37	753.357	28.77	30	Pass
149	6695	111.686	20.48	8.37	767.359	28.85	30	Pass
181	6855	104.232	20.18	8.37	716.145	28.55	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT40) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
3	5965	124.165	20.94	8.37	853.099	29.31	30	Pass
43	6165	121.339	20.84	8.37	833.682	29.21	30	Pass
91	6405	116.145	20.65	8.37	797.996	29.02	30	Pass
123	6565	97.949	19.91	8.37	672.977	28.28	30	Pass
155	6725	91.833	19.63	8.37	630.956	28	30	Pass
179	6845	92.683	19.67	8.37	636.796	28.04	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT80) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
7	5985	96.605	19.85	8.37	663.742	28.22	30	Pass
39	6145	107.647	20.32	8.37	739.609	28.69	30	Pass
87	6385	109.648	20.40	8.37	753.357	28.77	30	Pass
135	6625	88.716	19.48	8.37	609.54	27.85	30	Pass
151	6705	88.512	19.47	8.37	608.138	27.84	30	Pass
167	6785	87.297	19.41	8.37	599.79	27.78	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT160) 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	59.429	17.74	8.37	408.318	26.11	30	Pass
47	6185	61.66	17.90	8.37	423.646	26.27	30	Pass
79	6345	59.293	17.73	8.37	407.383	26.1	30	Pass
143	6665	47.973	16.81	8.37	329.607	25.18	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11ax (HE20) 26-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	17.539	12.44	8.37	120.505	20.81	30	Pass
93	6415	17.378	12.40	8.37	119.399	20.77	30	Pass
117	6535	17.579	12.45	8.37	120.78	20.82	30	Pass
181	6855	17.219	12.36	8.37	118.306	20.73	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11ax (HE20) 52-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	34.914	15.43	8.37	239.883	23.8	30	Pass
93	6415	34.674	15.40	8.37	238.234	23.77	30	Pass
117	6535	34.041	15.32	8.37	233.885	23.69	30	Pass
181	6855	34.995	15.44	8.37	240.44	23.81	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11ax (HE20) 106-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	70.307	18.47	8.37	483.057	26.84	30	Pass
93	6415	69.183	18.40	8.37	475.335	26.77	30	Pass
117	6535	68.865	18.38	8.37	473.15	26.75	30	Pass
181	6855	69.502	18.42	8.37	477.526	26.79	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 26-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	17.66	12.47	8.37	121.336	20.84	30	Pass
93	6415	17.458	12.42	8.37	119.948	20.79	30	Pass
117	6535	17.62	12.46	8.37	121.061	20.83	30	Pass
181	6855	17.378	12.40	8.37	119.399	20.77	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 52-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	34.674	15.40	8.37	238.234	23.77	30	Pass
93	6415	34.834	15.42	8.37	239.333	23.79	30	Pass
117	6535	34.435	15.37	8.37	236.592	23.74	30	Pass
181	6855	35.237	15.47	8.37	242.102	23.84	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 106-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	70.795	18.50	8.37	486.41	26.87	30	Pass
93	6415	70.146	18.46	8.37	481.951	26.83	30	Pass
117	6535	69.183	18.40	8.37	475.335	26.77	30	Pass
181	6855	70.469	18.48	8.37	484.17	26.85	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 52+26-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	52.845	17.23	8.37	363.081	25.6	30	Pass
93	6415	53.58	17.29	8.37	368.131	25.66	30	Pass
117	6535	53.58	17.29	8.37	368.131	25.66	30	Pass
181	6855	55.719	17.46	8.37	382.828	25.83	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 106+26-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
1	5955	67.92	18.32	8.37	466.657	26.69	30	Pass
93	6415	69.183	18.40	8.37	475.335	26.77	30	Pass
117	6535	68.549	18.36	8.37	470.979	26.73	30	Pass
181	6855	67.453	18.29	8.37	463.448	26.66	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT80) 484+242-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
7	5985	95.94	19.82	8.37	659.173	28.19	30	Pass
87	6385	111.686	20.48	8.37	767.359	28.85	30	Pass
135	6625	87.498	19.42	8.37	601.171	27.79	30	Pass
167	6785	87.096	19.40	8.37	598.409	27.77	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT160) 996+484-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	59.293	17.73	8.37	407.383	26.1	30	Pass
79	6345	59.156	17.72	8.37	406.442	26.09	30	Pass
143	6665	47.315	16.75	8.37	325.086	25.12	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT160) 996+484+242-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
15	6025	58.884	17.70	8.37	404.573	26.07	30	Pass
79	6345	58.614	17.68	8.37	402.718	26.05	30	Pass
143	6665	46.774	16.70	8.37	321.369	25.07	30	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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802.11a 2TX

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	14.30	13.87	51.293	17.10	8.37	352.418	25.47	30	Pass
45	6175	14.10	13.87	50.082	17.00	8.37	344.098	25.37	30	Pass
93	6415	13.86	13.85	48.588	16.87	8.37	333.833	25.24	30	Pass
117	6535	14.15	13.69	49.39	16.94	8.37	339.343	25.31	30	Pass
149	6695	14.05	13.86	49.732	16.97	8.37	341.693	25.34	30	Pass
181	6855	13.92	13.84	48.871	16.89	8.37	335.777	25.26	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11ax (HE20) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	17.35	16.88	103.078	20.13	8.37	708.216	28.5	30	Pass
45	6175	17.22	17.05	103.422	20.15	8.37	710.58	28.52	30	Pass
93	6415	17.12	17.06	102.339	20.10	8.37	703.139	28.47	30	Pass
117	6535	17.33	17.15	105.955	20.25	8.37	727.983	28.62	30	Pass
149	6695	17.11	17.00	101.523	20.07	8.37	697.532	28.44	30	Pass
181	6855	17.26	17.02	103.561	20.15	8.37	711.535	28.52	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11ax (HE40) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
3	5965	18.13	18.00	128.109	21.08	8.37	880.197	29.45	30	Pass
43	6165	18.16	17.90	127.123	21.04	8.37	873.422	29.41	30	Pass
91	6405	17.88	17.80	121.632	20.85	8.37	835.695	29.22	30	Pass
123	6565	17.80	17.77	120.097	20.80	8.37	825.149	29.17	30	Pass
155	6725	18.20	17.92	128.013	21.07	8.37	879.537	29.44	30	Pass
179	6845	17.94	17.66	120.575	20.81	8.37	828.433	29.18	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11ax (HE80) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
7	5985	18.33	17.86	129.171	21.11	8.37	887.493	29.48	30	Pass
39	6145	18.11	17.95	127.088	21.04	8.37	873.182	29.41	30	Pass
87	6385	18.24	17.69	125.43	20.98	8.37	861.79	29.35	30	Pass
135	6625	18.20	17.84	126.883	21.03	8.37	871.773	29.4	30	Pass
151	6705	18.09	17.92	126.361	21.02	8.37	868.187	29.39	30	Pass
167	6785	18.00	17.62	120.905	20.82	8.37	830.7	29.19	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11ax (HE160) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	17.69	17.59	116.161	20.65	8.37	798.106	29.02	30	Pass
47	6185	17.92	17.83	122.618	20.89	8.37	842.47	29.26	30	Pass
79	6345	17.80	17.46	115.975	20.64	8.37	796.828	29.01	30	Pass
143	6665	16.80	16.33	90.817	19.58	8.37	623.975	27.95	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT20) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	17.38	16.88	103.454	20.15	8.37	710.8	28.52	30	Pass
45	6175	17.24	17.10	104.252	20.18	8.37	716.283	28.55	30	Pass
93	6415	17.20	17.06	103.297	20.14	8.37	709.721	28.51	30	Pass
117	6535	17.39	17.12	106.351	20.27	8.37	730.704	28.64	30	Pass
149	6695	17.25	17.05	103.788	20.16	8.37	713.095	28.53	30	Pass
181	6855	17.30	17.19	106.063	20.26	8.37	728.725	28.63	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT40) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
3	5965	18.30	17.93	129.695	21.13	8.37	891.093	29.5	30	Pass
43	6165	18.20	18.01	129.311	21.12	8.37	888.455	29.49	30	Pass
91	6405	17.98	17.98	125.612	20.99	8.37	863.04	29.36	30	Pass
123	6565	17.82	17.80	120.79	20.82	8.37	829.91	29.19	30	Pass
155	6725	18.22	17.98	129.18	21.11	8.37	887.555	29.48	30	Pass
179	6845	17.96	17.73	121.81	20.86	8.37	836.918	29.23	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT80) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
7	5985	18.35	17.88	129.767	21.13	8.37	891.588	29.5	30	Pass
39	6145	18.14	18.05	128.989	21.11	8.37	886.243	29.48	30	Pass
87	6385	18.26	17.90	128.648	21.09	8.37	883.9	29.46	30	Pass
135	6625	18.19	17.94	128.147	21.08	8.37	880.458	29.45	30	Pass
151	6705	18.11	17.95	127.088	21.04	8.37	873.182	29.41	30	Pass
167	6785	17.95	17.74	121.803	20.86	8.37	836.87	29.23	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT160) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	17.74	17.68	118.043	20.72	8.37	811.036	29.09	30	Pass
47	6185	17.90	17.88	123.036	20.90	8.37	845.342	29.27	30	Pass
79	6345	17.73	17.55	116.178	20.65	8.37	798.222	29.02	30	Pass
143	6665	16.90	16.34	92.031	19.64	8.37	632.316	28.01	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11ax (HE20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	9.12	9.02	16.146	12.08	8.37	110.934	20.45	30	Pass
93	6415	9.30	9.14	16.715	12.23	8.37	114.843	20.6	30	Pass
117	6535	9.11	9.10	16.275	12.12	8.37	111.82	20.49	30	Pass
181	6855	9.18	9.03	16.278	12.12	8.37	111.841	20.49	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11ax (HE20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	12.15	12.06	32.475	15.12	8.37	223.125	23.49	30	Pass
93	6415	12.40	12.36	34.597	15.39	8.37	237.705	23.76	30	Pass
117	6535	12.28	12.20	33.5	15.25	8.37	230.168	23.62	30	Pass
181	6855	12.26	12.12	33.12	15.20	8.37	227.557	23.57	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11ax (HE20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	15.28	15.00	65.352	18.15	8.37	449.013	26.52	30	Pass
93	6415	15.33	15.30	68.004	18.33	8.37	467.234	26.7	30	Pass
117	6535	15.33	15.09	66.404	18.22	8.37	456.241	26.59	30	Pass
181	6855	15.30	15.10	66.244	18.21	8.37	455.142	26.58	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	9.23	9.10	16.504	12.18	8.37	113.394	20.55	30	Pass
93	6415	9.37	9.21	16.986	12.30	8.37	116.705	20.67	30	Pass
117	6535	9.25	9.19	16.712	12.23	8.37	114.823	20.6	30	Pass
181	6855	9.20	9.16	16.559	12.19	8.37	113.772	20.56	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	12.25	12.18	33.308	15.23	8.37	228.849	23.6	30	Pass
93	6415	12.46	12.40	34.998	15.44	8.37	240.46	23.81	30	Pass
117	6535	12.33	12.26	33.927	15.31	8.37	233.102	23.68	30	Pass
181	6855	12.37	12.07	33.365	15.23	8.37	229.24	23.6	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	15.30	15.06	65.947	18.19	8.37	453.101	26.56	30	Pass
93	6415	15.38	15.32	68.555	18.36	8.37	471.02	26.73	30	Pass
117	6535	15.38	15.18	67.475	18.29	8.37	463.599	26.66	30	Pass
181	6855	15.35	15.11	66.711	18.24	8.37	458.35	26.61	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT20) 52+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	14.20	13.72	49.853	16.98	8.37	342.524	25.35	30	Pass
93	6415	13.91	13.83	48.758	16.88	8.37	335.001	25.25	30	Pass
117	6535	14.22	13.73	50.029	16.99	8.37	343.733	25.36	30	Pass
181	6855	13.79	13.70	47.375	16.76	8.37	325.499	25.13	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT20) 106+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	15.06	14.84	62.542	17.96	8.37	429.706	26.33	30	Pass
93	6415	14.91	14.90	61.877	17.92	8.37	425.137	26.29	30	Pass
117	6535	15.00	14.91	62.597	17.97	8.37	430.084	26.34	30	Pass
181	6855	14.78	14.50	58.245	17.65	8.37	400.183	26.02	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT80) 484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
7	5985	18.30	17.90	129.268	21.11	8.37	888.16	29.48	30	Pass
87	6385	18.04	17.74	123.109	20.90	8.37	845.843	29.27	30	Pass
135	6625	18.17	17.86	126.709	21.03	8.37	870.578	29.4	30	Pass
167	6785	18.30	17.72	126.764	21.03	8.37	870.955	29.4	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT160) 996+484-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	17.73	17.48	115.268	20.62	8.37	791.97	28.99	30	Pass
79	6345	17.72	17.41	114.237	20.58	8.37	784.886	28.95	30	Pass
143	6665	16.75	16.23	89.291	19.51	8.37	613.49	27.88	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

802.11be (EHT160) 996+484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Directional Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	17.70	17.44	114.347	20.58	8.37	785.642	28.95	30	Pass
79	6345	17.68	17.34	112.814	20.52	8.37	775.109	28.89	30	Pass
143	6665	16.70	16.10	87.512	19.42	8.37	601.267	27.79	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 8.37 dBi.
3. For U-NII-7, The maximum gain is 8.37 dBi.

7.2 Maximum Power Spectral Density

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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under control of a low-power indoor AP

802.11a 1TX

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	-10.28	0.12	-10.16	8.37	-1.79	-1	Pass
45	6175	-10.49	0.12	-10.37	8.37	-2	-1	Pass
93	6415	-10.28	0.12	-10.16	8.37	-1.79	-1	Pass
97	6435	-10.21	0.12	-10.09	8.37	-1.72	-1	Pass
105	6475	-10.42	0.12	-10.30	8.37	-1.93	-1	Pass
113	6515	-10.43	0.12	-10.31	8.37	-1.94	-1	Pass
117	6535	-10.46	0.12	-10.34	8.37	-1.97	-1	Pass
149	6695	-10.29	0.12	-10.17	8.37	-1.8	-1	Pass
181	6855	-10.01	0.12	-9.89	8.37	-1.52	-1	Pass
185	6875	-10.08	0.12	-9.96	8.37	-1.59	-1	Pass
209	6995	-10.31	0.12	-10.19	8.37	-1.82	-1	Pass
233	7115	-10.17	0.12	-10.05	8.37	-1.68	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 1S1T

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	-9.93	8.37	-1.56	-1	Pass
45	6175	-10.00	8.37	-1.63	-1	Pass
93	6415	-10.05	8.37	-1.68	-1	Pass
97	6435	-10.00	8.37	-1.63	-1	Pass
105	6475	-10.21	8.37	-1.84	-1	Pass
113	6515	-10.29	8.37	-1.92	-1	Pass
117	6535	-10.25	8.37	-1.88	-1	Pass
149	6695	-9.93	8.37	-1.56	-1	Pass
181	6855	-9.89	8.37	-1.52	-1	Pass
185	6875	-9.96	8.37	-1.59	-1	Pass
209	6995	-10.32	8.37	-1.95	-1	Pass
233	7115	-10.38	8.37	-2.01	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT40) 1S1T

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
3	5965	-10.15	8.37	-1.78	-1	Pass
43	6165	-10.21	8.37	-1.84	-1	Pass
91	6405	-10.30	8.37	-1.93	-1	Pass
99	6445	-10.35	8.37	-1.98	-1	Pass
107	6485	-10.19	8.37	-1.82	-1	Pass
115	6525	-10.32	8.37	-1.95	-1	Pass
123	6565	-10.11	8.37	-1.74	-1	Pass
155	6725	-10.31	8.37	-1.94	-1	Pass
179	6845	-9.89	8.37	-1.52	-1	Pass
187	6885	-10.02	8.37	-1.65	-1	Pass
211	7005	-10.00	8.37	-1.63	-1	Pass
227	7085	-10.37	8.37	-2	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT80) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
7	5985	-10.05	0.13	-9.92	8.37	-1.55	-1	Pass
39	6145	-10.12	0.13	-9.99	8.37	-1.62	-1	Pass
87	6385	-10.32	0.13	-10.19	8.37	-1.82	-1	Pass
103	6465	-10.14	0.13	-10.01	8.37	-1.64	-1	Pass
119	6545	-10.1	0.13	-9.97	8.37	-1.6	-1	Pass
151	6705	-10.01	0.13	-9.88	8.37	-1.51	-1	Pass
183	6865	-10.03	0.13	-9.90	8.37	-1.53	-1	Pass
199	6945	-10.37	0.13	-10.24	8.37	-1.87	-1	Pass
215	7025	-10.25	0.13	-10.12	8.37	-1.75	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT160) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-10.45	0.18	-10.27	8.37	-1.9	-1	Pass
47	6185	-10.06	0.18	-9.88	8.37	-1.51	-1	Pass
79	6345	-10.21	0.18	-10.03	8.37	-1.66	-1	Pass
111	6505	-10.31	0.18	-10.13	8.37	-1.76	-1	Pass
143	6665	-10.06	0.18	-9.88	8.37	-1.51	-1	Pass
175	6825	-10.22	0.18	-10.04	8.37	-1.67	-1	Pass
207	6985	-10.15	0.18	-9.97	8.37	-1.6	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 26-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	-10.25	0.19	-10.06	8.37	-1.69	-1	Pass
93	6415	-10.38	0.19	-10.19	8.37	-1.82	-1	Pass
97	6435	-10.29	0.19	-10.10	8.37	-1.73	-1	Pass
113	6515	-10.34	0.19	-10.15	8.37	-1.78	-1	Pass
117	6535	-10.2	0.19	-10.01	8.37	-1.64	-1	Pass
185	6875	-10.2	0.19	-10.01	8.37	-1.64	-1	Pass
209	6995	-10.34	0.19	-10.15	8.37	-1.78	-1	Pass
233	7115	-10.1	0.19	-9.91	8.37	-1.54	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 52-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	-10.37	0.25	-10.12	8.37	-1.75	-1	Pass
93	6415	-10.38	0.25	-10.13	8.37	-1.76	-1	Pass
97	6435	-10.45	0.25	-10.20	8.37	-1.83	-1	Pass
113	6515	-10.23	0.25	-9.98	8.37	-1.61	-1	Pass
117	6535	-10.46	0.25	-10.21	8.37	-1.84	-1	Pass
185	6875	-10.6	0.25	-10.35	8.37	-1.98	-1	Pass
209	6995	-10.48	0.25	-10.23	8.37	-1.86	-1	Pass
233	7115	-10.43	0.25	-10.18	8.37	-1.81	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 106-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	-10.2	0.17	-10.03	8.37	-1.66	-1	Pass
93	6415	-10.08	0.17	-9.91	8.37	-1.54	-1	Pass
97	6435	-10.06	0.17	-9.89	8.37	-1.52	-1	Pass
113	6515	-10.3	0.17	-10.13	8.37	-1.76	-1	Pass
117	6535	-10.43	0.17	-10.26	8.37	-1.89	-1	Pass
185	6875	-10.2	0.17	-10.03	8.37	-1.66	-1	Pass
209	6995	-10.04	0.17	-9.87	8.37	-1.5	-1	Pass
233	7115	-10.04	0.17	-9.87	8.37	-1.5	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 52+26-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	-10.09	0.16	-9.93	8.37	-1.56	-1	Pass
93	6415	-10.23	0.16	-10.07	8.37	-1.7	-1	Pass
97	6435	-10.04	0.16	-9.88	8.37	-1.51	-1	Pass
113	6515	-10.3	0.16	-10.14	8.37	-1.77	-1	Pass
117	6535	-10.31	0.16	-10.15	8.37	-1.78	-1	Pass
185	6875	-10.1	0.16	-9.94	8.37	-1.57	-1	Pass
209	6995	-10.46	0.16	-10.30	8.37	-1.93	-1	Pass
233	7115	-10.11	0.16	-9.95	8.37	-1.58	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT20) 106+26-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	-10.05	0.16	-9.89	8.37	-1.52	-1	Pass
93	6415	-10.08	0.16	-9.92	8.37	-1.55	-1	Pass
97	6435	-10.13	0.16	-9.97	8.37	-1.6	-1	Pass
113	6515	-10.13	0.16	-9.97	8.37	-1.6	-1	Pass
117	6535	-10.24	0.16	-10.08	8.37	-1.71	-1	Pass
185	6875	-10.09	0.16	-9.93	8.37	-1.56	-1	Pass
209	6995	-10.35	0.16	-10.19	8.37	-1.82	-1	Pass
233	7115	-10.24	0.16	-10.08	8.37	-1.71	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT80) 484+242-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
7	5985	-10.2	0.2	-10.00	8.37	-1.63	-1	Pass
87	6385	-10.09	0.2	-9.89	8.37	-1.52	-1	Pass
103	6465	-10.19	0.2	-9.99	8.37	-1.62	-1	Pass
119	6545	-10.37	0.2	-10.17	8.37	-1.8	-1	Pass
183	6865	-10.31	0.2	-10.11	8.37	-1.74	-1	Pass
199	6945	-10.12	0.2	-9.92	8.37	-1.55	-1	Pass
215	7025	-10.32	0.2	-10.12	8.37	-1.75	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

802.11be (EHT160) 996+484-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-10.08	0.2	-9.88	8.37	-1.51	-1	Pass
79	6345	-10.07	0.2	-9.87	8.37	-1.5	-1	Pass
111	6505	-10.32	0.2	-10.12	8.37	-1.75	-1	Pass
143	6665	-10.25	0.2	-10.05	8.37	-1.68	-1	Pass
175	6825	-10.1	0.2	-9.90	8.37	-1.53	-1	Pass
207	6985	-10.29	0.2	-10.09	8.37	-1.72	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

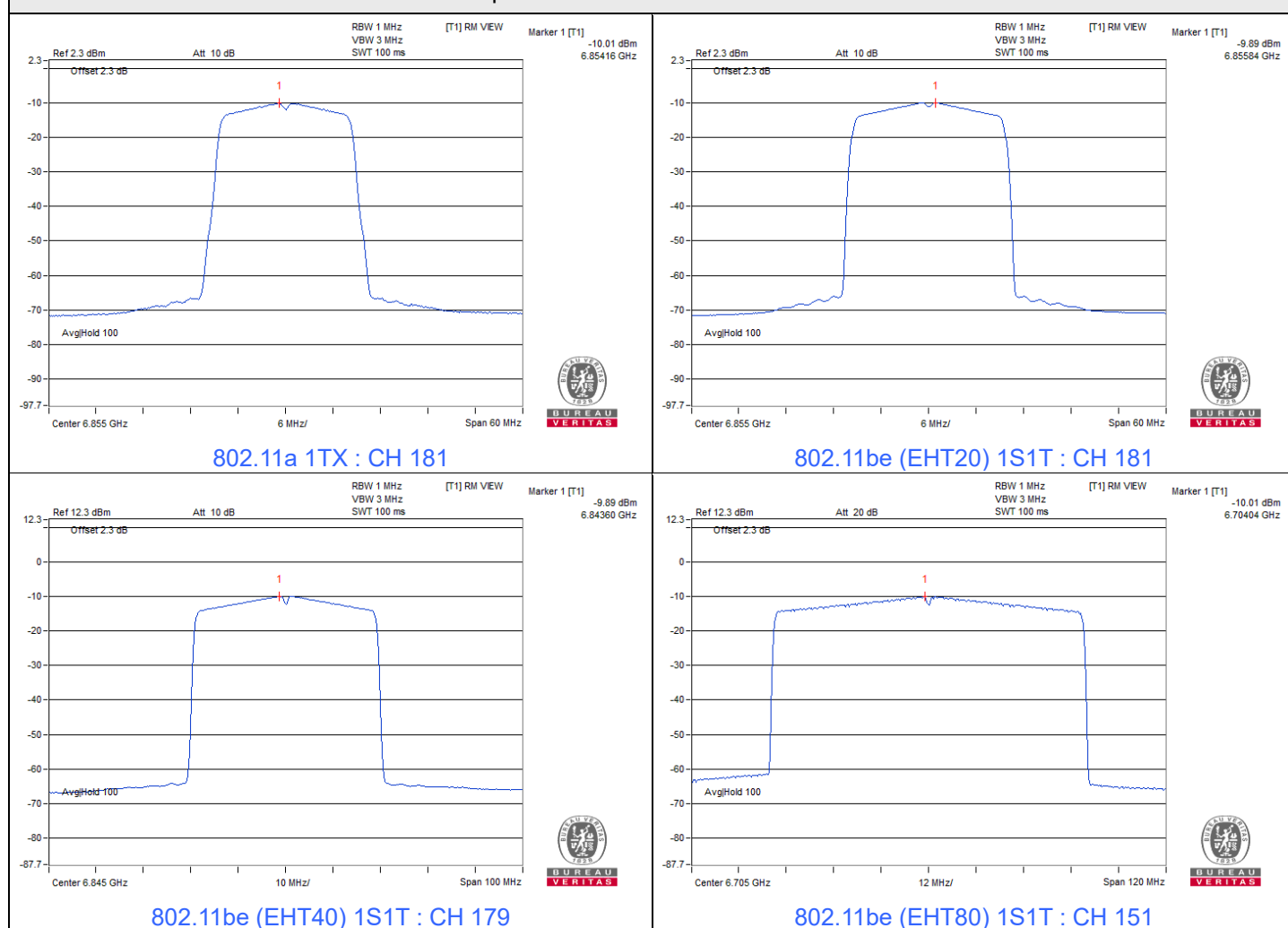
802.11be (EHT160) 996+484+242-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-10.41	0.22	-10.19	8.37	-1.82	-1	Pass
79	6345	-10.25	0.22	-10.03	8.37	-1.66	-1	Pass
111	6505	-10.16	0.22	-9.94	8.37	-1.57	-1	Pass
143	6665	-10.2	0.22	-9.98	8.37	-1.61	-1	Pass
175	6825	-10.28	0.22	-10.06	8.37	-1.69	-1	Pass
207	6985	-10.35	0.22	-10.13	8.37	-1.76	-1	Pass

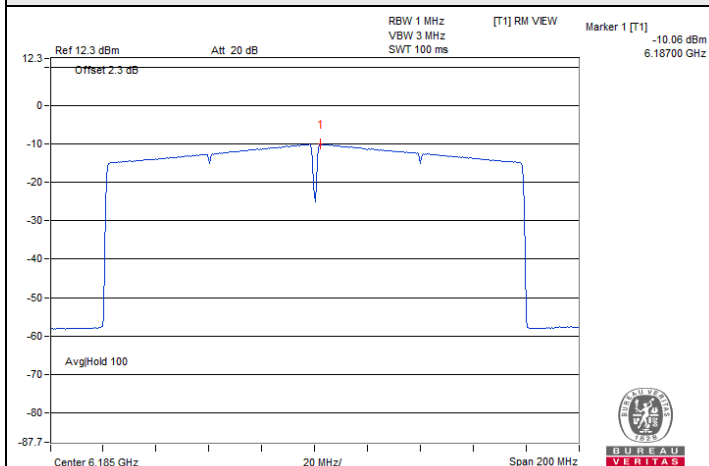
Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-6, The antenna gain is 8.37 dBi.
3. For U-NII-7, The antenna gain is 8.37 dBi.
4. For U-NII-8, The antenna gain is 8.37 dBi.

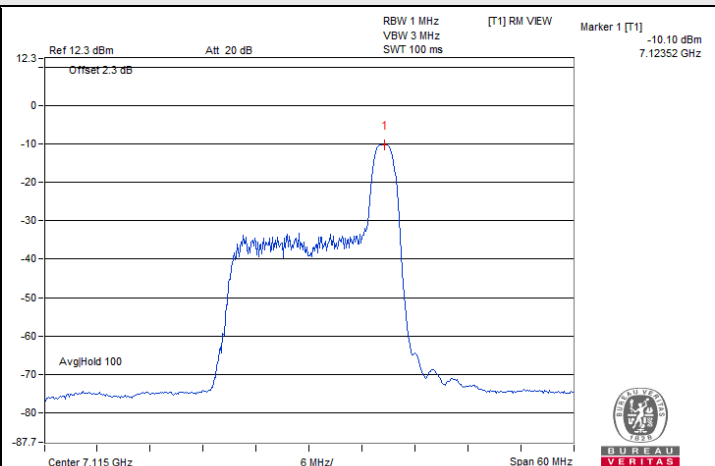
Spectrum Plot of Maximum Value



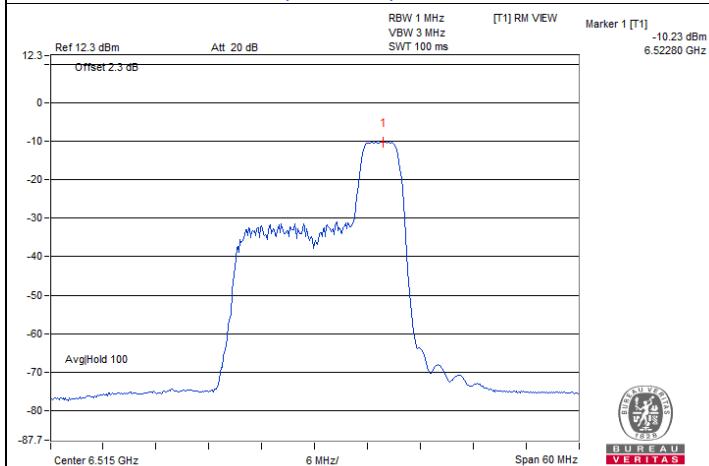
Spectrum Plot of Maximum Value



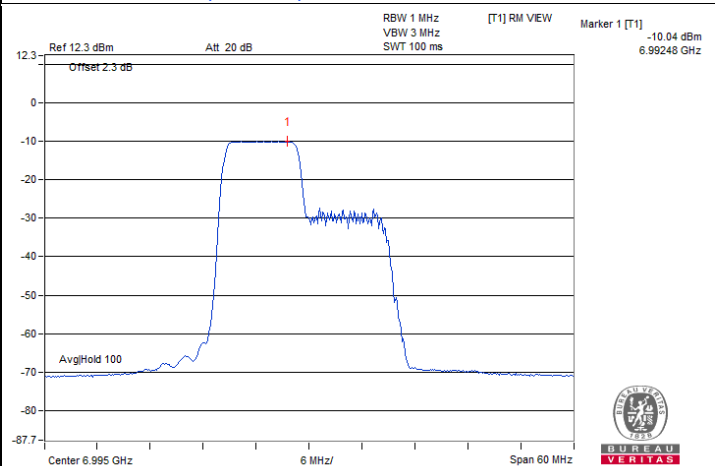
802.11be (EHT160) 1S1T : CH 47



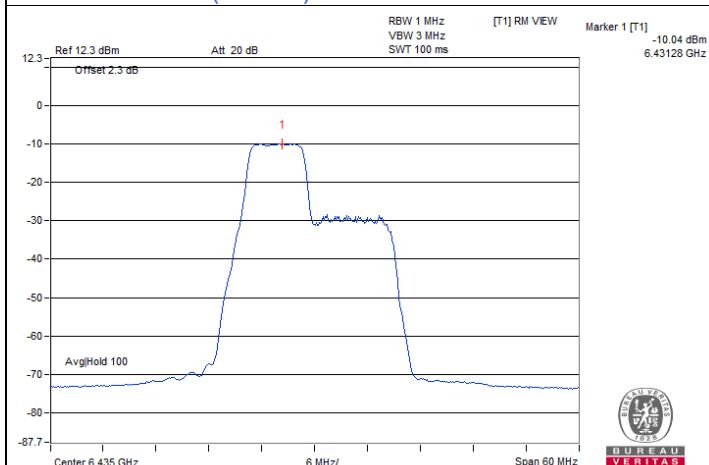
802.11be (EHT20) 26-tone RU 1S1T : CH 233



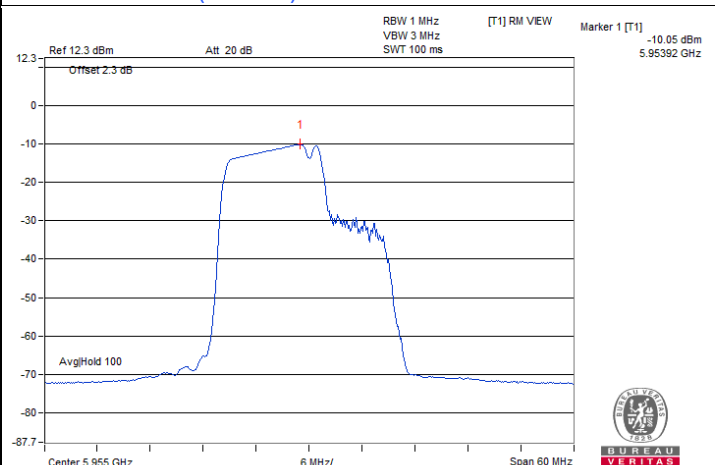
802.11be (EHT20) 52-tone RU 1S1T : CH 113



802.11be (EHT20) 106-tone RU 1S1T : CH 209

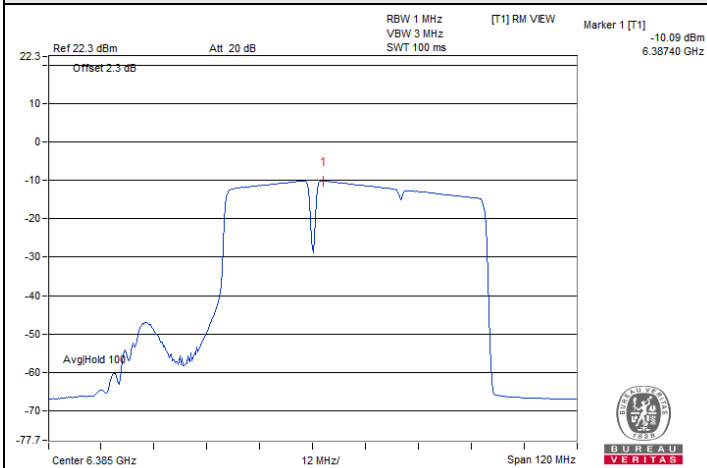


802.11be (EHT20) 52+26-tone MRU 1S1T : CH 97

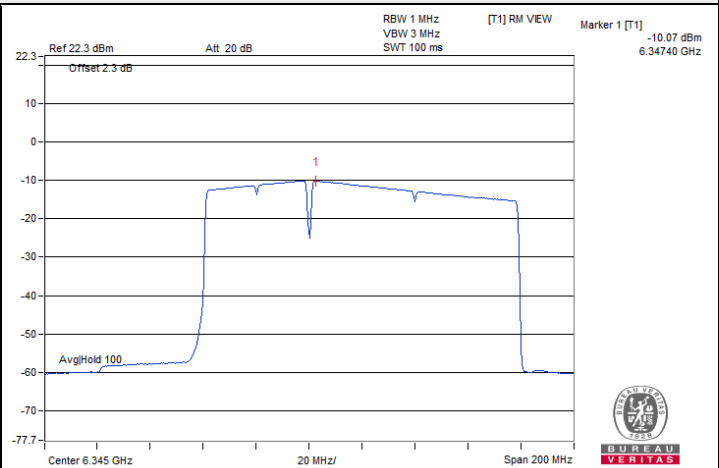


802.11be (EHT20) 106+26-tone MRU 1S1T : CH 1

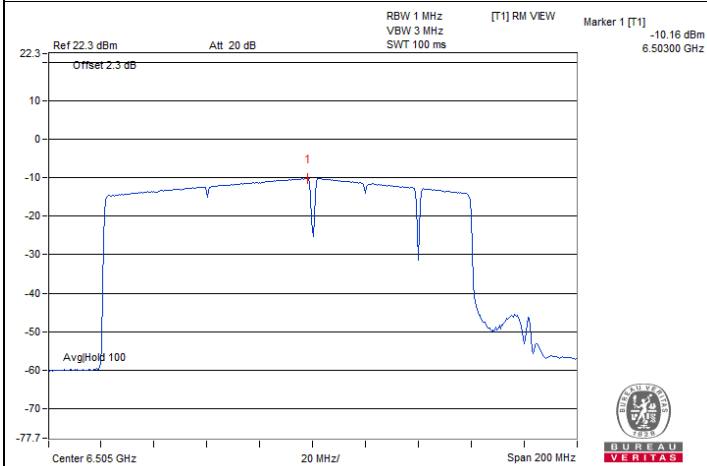
Spectrum Plot of Maximum Value



802.11be (EHT80) 484+242-tone MRU 1S1T : CH 87



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 79



802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 111

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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802.11a 2TX

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	-16.29	-16.27	0.13	-13.14	11.38	-1.76	-1	Pass
45	6175	-16.24	-16.50	0.13	-13.23	11.38	-1.85	-1	Pass
93	6415	-15.93	-16.17	0.13	-12.91	11.38	-1.53	-1	Pass
97	6435	-16.38	-15.79	0.13	-12.93	11.38	-1.55	-1	Pass
105	6475	-16.35	-16.45	0.13	-13.26	11.38	-1.88	-1	Pass
113	6515	-16.44	-16.36	0.13	-13.26	11.38	-1.88	-1	Pass
117	6535	-16.49	-16.29	0.13	-13.25	11.38	-1.87	-1	Pass
149	6695	-16.00	-16.31	0.13	-13.01	11.38	-1.63	-1	Pass
181	6855	-16.00	-16.50	0.13	-13.10	11.38	-1.72	-1	Pass
185	6875	-16.02	-16.45	0.13	-13.09	11.38	-1.71	-1	Pass
209	6995	-15.97	-16.83	0.13	-13.24	11.38	-1.86	-1	Pass
233	7115	-15.72	-16.34	0.13	-12.88	11.38	-1.5	-1	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=1, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/1) = 8.37+3.01 = 11.38 dBi.
3. For U-NII-5, The directional gain is 11.38 dBi.
4. For U-NII-6, The directional gain is 11.38 dBi.
5. For U-NII-7, The directional gain is 11.38 dBi.
6. For U-NII-8, The directional gain is 11.38 dBi.

802.11be (EHT20) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	-13.03	-13.48	0.13	-10.11	8.37	-1.74	-1	Pass
45	6175	-12.95	-13.52	0.13	-10.09	8.37	-1.72	-1	Pass
93	6415	-13.30	-13.67	0.13	-10.34	8.37	-1.97	-1	Pass
97	6435	-13.26	-13.15	0.13	-10.06	8.37	-1.69	-1	Pass
105	6475	-13.21	-13.53	0.13	-10.23	8.37	-1.86	-1	Pass
113	6515	-13.24	-13.67	0.13	-10.31	8.37	-1.94	-1	Pass
117	6535	-12.98	-13.40	0.13	-10.04	8.37	-1.67	-1	Pass
149	6695	-13.36	-13.64	0.13	-10.36	8.37	-1.99	-1	Pass
181	6855	-13.07	-13.57	0.13	-10.17	8.37	-1.8	-1	Pass
185	6875	-13.02	-13.78	0.13	-10.24	8.37	-1.87	-1	Pass
209	6995	-12.87	-13.71	0.13	-10.13	8.37	-1.76	-1	Pass
233	7115	-13.17	-13.76	0.13	-10.31	8.37	-1.94	-1	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-6, The directional gain is 8.37 dBi.
5. For U-NII-7, The directional gain is 8.37 dBi.
6. For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT40) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
3	5965	-13.24	-13.74	0.12	-10.35	8.37	-1.98	-1	Pass
43	6165	-13.42	-13.54	0.12	-10.35	8.37	-1.98	-1	Pass
91	6405	-13.37	-13.36	0.12	-10.23	8.37	-1.86	-1	Pass
99	6445	-13.19	-12.95	0.12	-9.94	8.37	-1.57	-1	Pass
107	6485	-12.98	-13.24	0.12	-9.98	8.37	-1.61	-1	Pass
115	6525	-13.38	-13.57	0.12	-10.34	8.37	-1.97	-1	Pass
123	6565	-13.31	-13.44	0.12	-10.24	8.37	-1.87	-1	Pass
155	6725	-13.01	-13.77	0.12	-10.24	8.37	-1.87	-1	Pass
179	6845	-13.01	-13.51	0.12	-10.12	8.37	-1.75	-1	Pass
187	6885	-12.86	-13.53	0.12	-10.05	8.37	-1.68	-1	Pass
211	7005	-13.28	-13.47	0.12	-10.24	8.37	-1.87	-1	Pass
227	7085	-13.15	-13.35	0.12	-10.12	8.37	-1.75	-1	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-6, The directional gain is 8.37 dBi.
5. For U-NII-7, The directional gain is 8.37 dBi.
6. For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT80) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
7	5985	-12.99	-13.31	0.22	-9.92	8.37	-1.55	-1	Pass
39	6145	-13.65	-13.48	0.22	-10.33	8.37	-1.96	-1	Pass
87	6385	-13.35	-13.09	0.22	-9.99	8.37	-1.62	-1	Pass
103	6465	-13.29	-13.03	0.22	-9.93	8.37	-1.56	-1	Pass
119	6545	-13.72	-13.44	0.22	-10.35	8.37	-1.98	-1	Pass
151	6705	-13.30	-13.68	0.22	-10.26	8.37	-1.89	-1	Pass
183	6865	-12.85	-13.86	0.22	-10.10	8.37	-1.73	-1	Pass
199	6945	-13.20	-13.48	0.22	-10.11	8.37	-1.74	-1	Pass
215	7025	-13.20	-13.78	0.22	-10.25	8.37	-1.88	-1	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-6, The directional gain is 8.37 dBi.
5. For U-NII-7, The directional gain is 8.37 dBi.
6. For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT160) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
15	6025	-13.58	-13.65	0.25	-10.35	8.37	-1.98	-1	Pass
47	6185	-13.49	-13.54	0.25	-10.25	8.37	-1.88	-1	Pass
79	6345	-13.45	-13.71	0.25	-10.32	8.37	-1.95	-1	Pass
111	6505	-13.71	-13.35	0.25	-10.27	8.37	-1.9	-1	Pass
143	6665	-12.92	-13.49	0.25	-9.94	8.37	-1.57	-1	Pass
175	6825	-13.22	-13.83	0.25	-10.25	8.37	-1.88	-1	Pass
207	6985	-12.87	-13.48	0.25	-9.90	8.37	-1.53	-1	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-6, The directional gain is 8.37 dBi.
5. For U-NII-7, The directional gain is 8.37 dBi.
6. For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	-13.49	-13.53	0.37	-10.13	8.37	-1.76	-1	Pass
93	6415	-13.55	-13.69	0.37	-10.24	8.37	-1.87	-1	Pass
97	6435	-13.23	-13.34	0.37	-9.90	8.37	-1.53	-1	Pass
113	6515	-13.67	-13.27	0.37	-10.09	8.37	-1.72	-1	Pass
117	6535	-13.63	-13.23	0.37	-10.05	8.37	-1.68	-1	Pass
185	6875	-13.38	-14.12	0.37	-10.35	8.37	-1.98	-1	Pass
209	6995	-13.12	-13.59	0.37	-9.97	8.37	-1.6	-1	Pass
233	7115	-13.41	-13.59	0.37	-10.12	8.37	-1.75	-1	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-6, The directional gain is 8.37 dBi.
5. For U-NII-7, The directional gain is 8.37 dBi.
6. For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	-13.10	-13.37	0.28	-9.94	8.37	-1.57	-1	Pass
93	6415	-13.13	-13.24	0.28	-9.89	8.37	-1.52	-1	Pass
97	6435	-13.15	-13.30	0.28	-9.93	8.37	-1.56	-1	Pass
113	6515	-13.46	-13.38	0.28	-10.13	8.37	-1.76	-1	Pass
117	6535	-13.35	-13.35	0.28	-10.06	8.37	-1.69	-1	Pass
185	6875	-12.92	-13.42	0.28	-9.87	8.37	-1.5	-1	Pass
209	6995	-13.24	-13.55	0.28	-10.10	8.37	-1.73	-1	Pass
233	7115	-13.02	-13.32	0.28	-9.88	8.37	-1.51	-1	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-6, The directional gain is 8.37 dBi.
5. For U-NII-7, The directional gain is 8.37 dBi.
6. For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	-12.95	-13.77	0.3	-10.03	8.37	-1.66	-1	Pass
93	6415	-13.52	-13.83	0.3	-10.36	8.37	-1.99	-1	Pass
97	6435	-13.68	-13.25	0.3	-10.15	8.37	-1.78	-1	Pass
113	6515	-13.65	-13.47	0.3	-10.25	8.37	-1.88	-1	Pass
117	6535	-13.50	-13.12	0.3	-10.00	8.37	-1.63	-1	Pass
185	6875	-13.33	-13.98	0.3	-10.33	8.37	-1.96	-1	Pass
209	6995	-13.23	-13.45	0.3	-10.03	8.37	-1.66	-1	Pass
233	7115	-13.32	-13.55	0.3	-10.12	8.37	-1.75	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-6, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.
- For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT20) 52+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	-13.16	-13.47	0.32	-9.98	8.37	-1.61	-1	Pass
93	6415	-13.16	-13.58	0.32	-10.03	8.37	-1.66	-1	Pass
97	6435	-13.63	-13.00	0.32	-9.97	8.37	-1.6	-1	Pass
113	6515	-13.42	-13.32	0.32	-10.04	8.37	-1.67	-1	Pass
117	6535	-13.16	-13.34	0.32	-9.92	8.37	-1.55	-1	Pass
185	6875	-13.08	-13.81	0.32	-10.10	8.37	-1.73	-1	Pass
209	6995	-13.06	-13.46	0.32	-9.93	8.37	-1.56	-1	Pass
233	7115	-13.30	-13.73	0.32	-10.18	8.37	-1.81	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-6, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.
- For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT20) 106+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	-13.02	-13.47	0.34	-9.89	8.37	-1.52	-1	Pass
93	6415	-13.12	-13.43	0.34	-9.92	8.37	-1.55	-1	Pass
97	6435	-13.86	-13.47	0.34	-10.31	8.37	-1.94	-1	Pass
113	6515	-13.68	-13.48	0.34	-10.23	8.37	-1.86	-1	Pass
117	6535	-13.48	-13.29	0.34	-10.03	8.37	-1.66	-1	Pass
185	6875	-13.83	-13.39	0.34	-10.25	8.37	-1.88	-1	Pass
209	6995	-13.40	-13.65	0.34	-10.17	8.37	-1.8	-1	Pass
233	7115	-13.03	-13.51	0.34	-9.91	8.37	-1.54	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-6, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.
- For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT80) 484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
7	5985	-13.74	-13.44	0.36	-10.22	8.37	-1.85	-1	Pass
87	6385	-13.53	-13.48	0.36	-10.13	8.37	-1.76	-1	Pass
103	6465	-13.58	-13.14	0.36	-9.98	8.37	-1.61	-1	Pass
119	6545	-13.35	-13.48	0.36	-10.04	8.37	-1.67	-1	Pass
183	6865	-13.21	-13.34	0.36	-9.90	8.37	-1.53	-1	Pass
199	6945	-13.24	-13.66	0.36	-10.07	8.37	-1.7	-1	Pass
215	7025	-13.15	-13.36	0.36	-9.88	8.37	-1.51	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-6, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.
- For U-NII-8, The directional gain is 8.37 dBi.

802.11be (EHT160) 996+484-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
15	6025	-13.54	-13.32	0.37	-10.05	8.37	-1.68	-1	Pass
79	6345	-13.24	-13.68	0.37	-10.07	8.37	-1.7	-1	Pass
111	6505	-13.75	-13.41	0.37	-10.20	8.37	-1.83	-1	Pass
143	6665	-13.30	-13.71	0.37	-10.12	8.37	-1.75	-1	Pass
175	6825	-13.34	-13.48	0.37	-10.03	8.37	-1.66	-1	Pass
207	6985	-13.44	-13.95	0.37	-10.31	8.37	-1.94	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-6, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.
- For U-NII-8, The directional gain is 8.37 dBi.

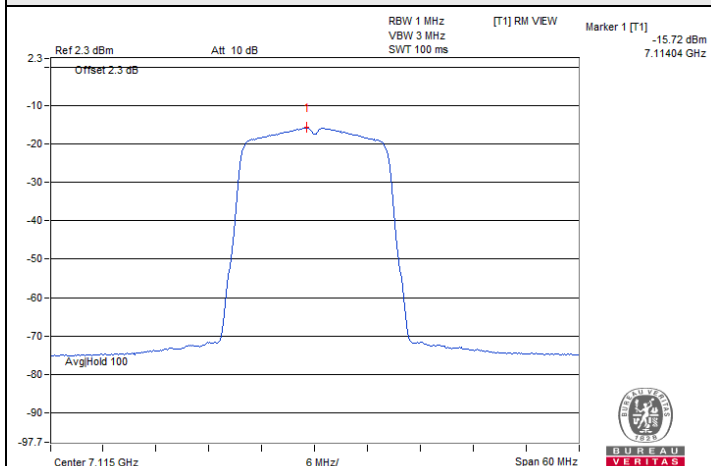
802.11be (EHT160) 996+484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
15	6025	-13.75	-13.46	0.37	-10.22	8.37	-1.85	-1	Pass
79	6345	-13.28	-13.45	0.37	-9.98	8.37	-1.61	-1	Pass
111	6505	-13.34	-13.22	0.37	-9.90	8.37	-1.53	-1	Pass
143	6665	-13.41	-13.68	0.37	-10.16	8.37	-1.79	-1	Pass
175	6825	-13.23	-13.42	0.37	-9.94	8.37	-1.57	-1	Pass
207	6985	-13.12	-13.45	0.37	-9.90	8.37	-1.53	-1	Pass

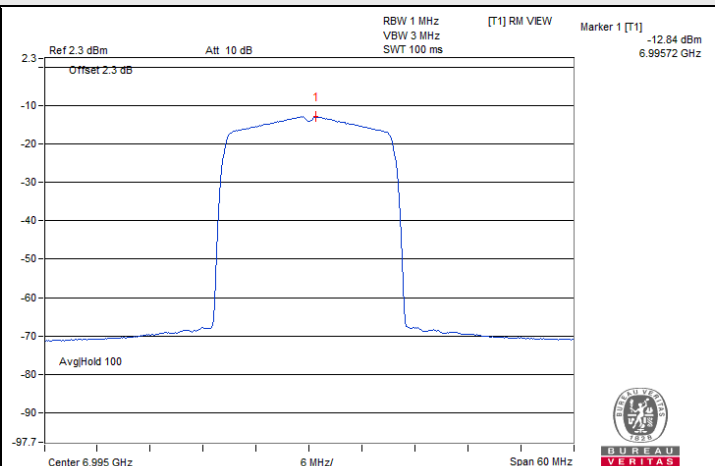
Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-6, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.
- For U-NII-8, The directional gain is 8.37 dBi.

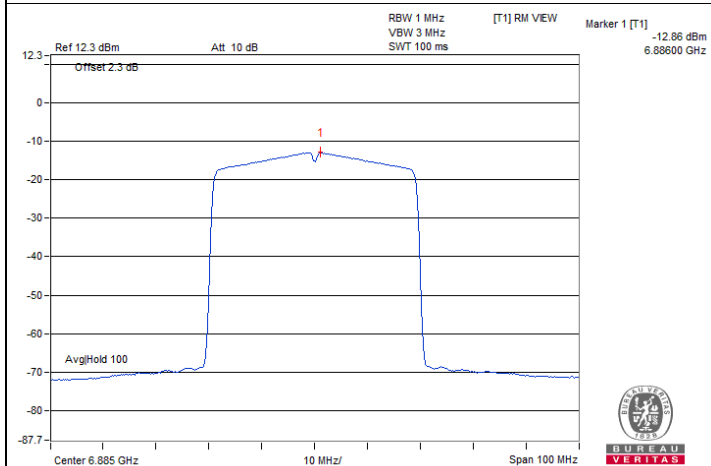
Spectrum Plot of Maximum Value



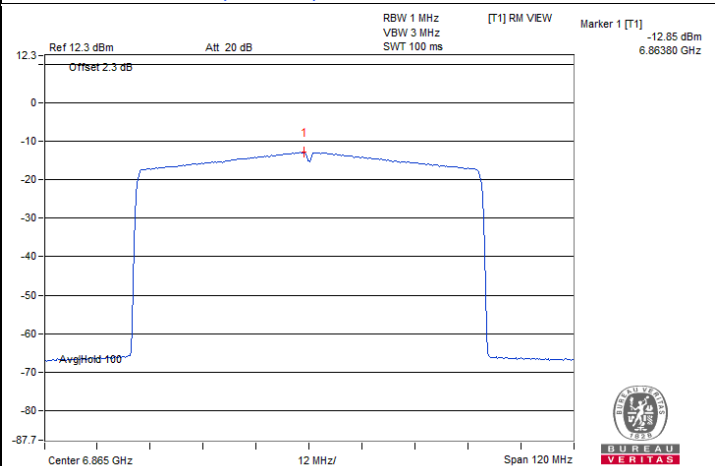
802.11a 2TX / Chain 0 : CH 233



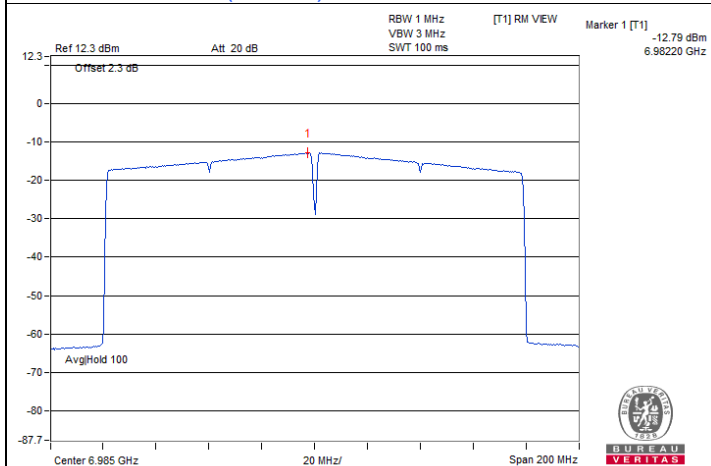
802.11be (EHT20) 2S2T / Chain 0 : CH 209



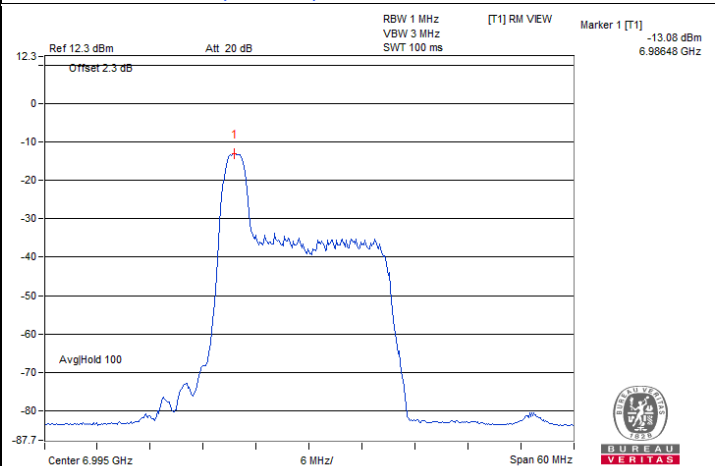
802.11be (EHT40) 2S2T / Chain 0 : CH 187



802.11be (EHT80) 2S2T / Chain 0 : CH 183

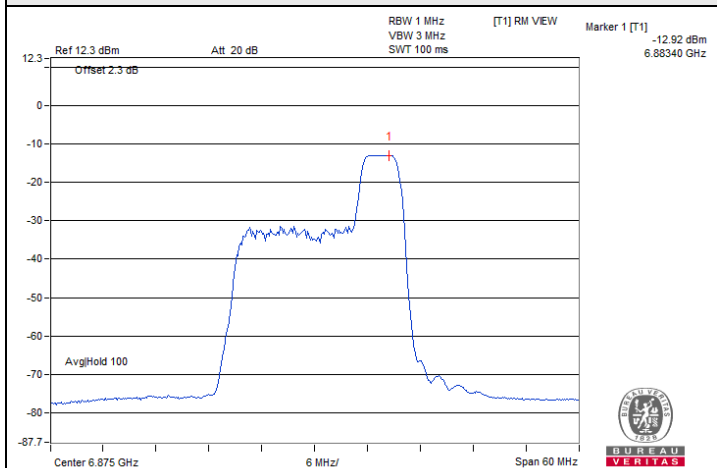


802.11be (EHT160) 2S2T / Chain 0 : CH 207

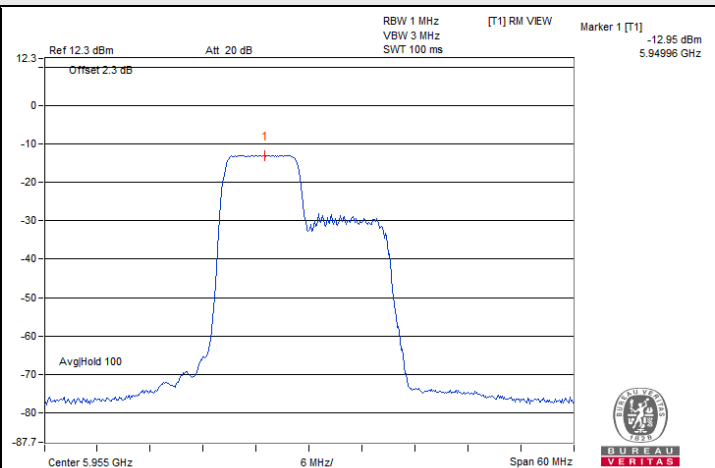


802.11be (EHT20) 26-tone RU 2S2T / Chain 0 : CH 209

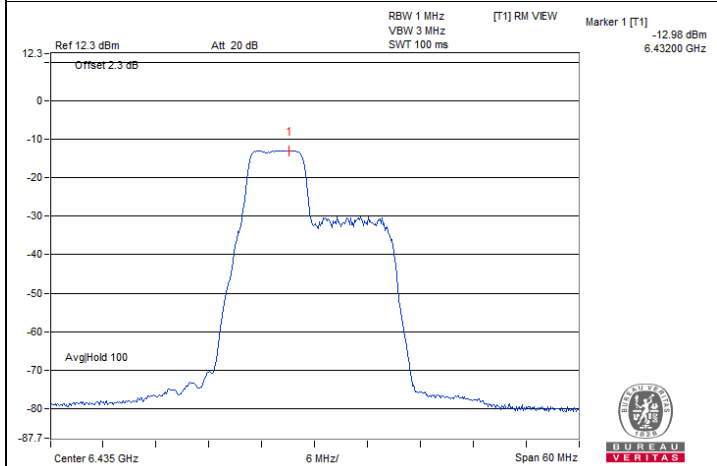
Spectrum Plot of Maximum Value



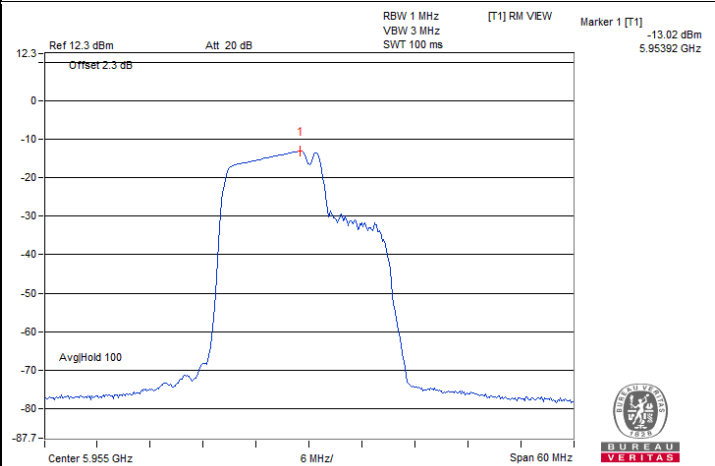
802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 185



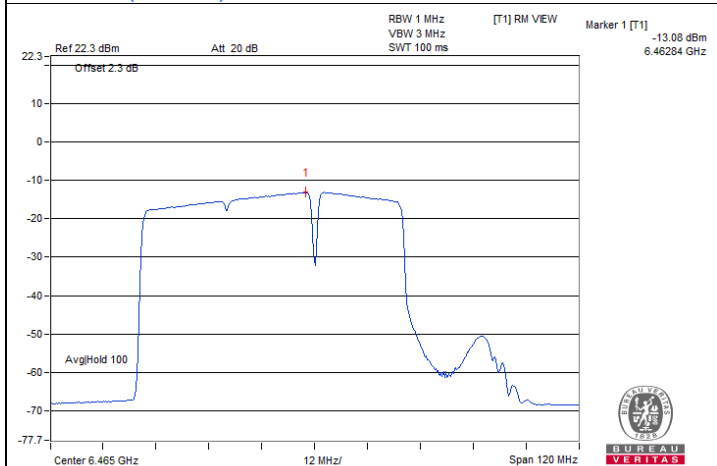
802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 1



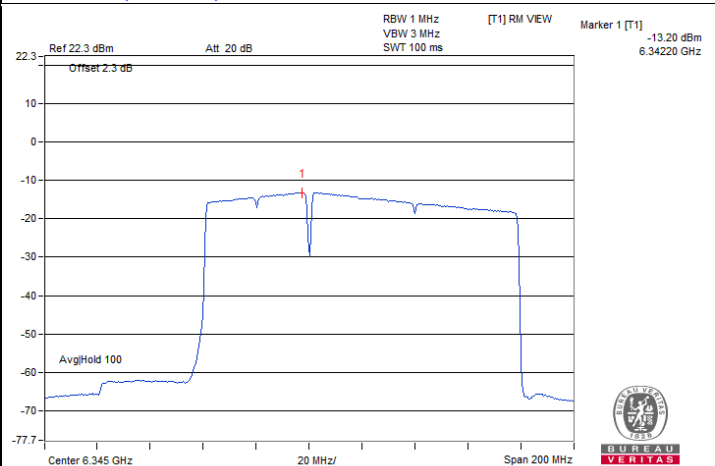
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1 : CH 97



802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 1

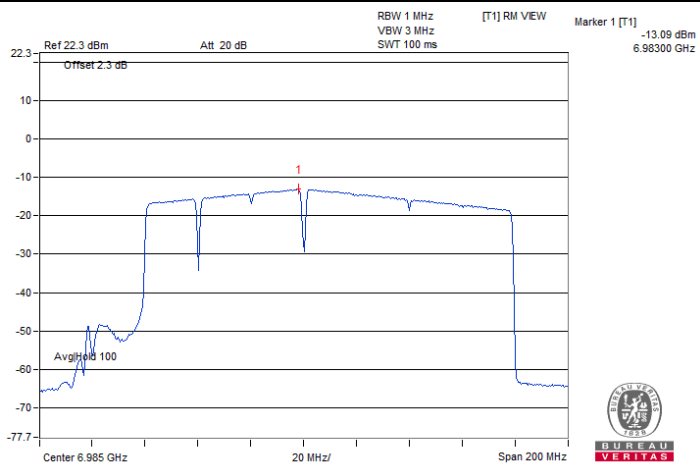


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1 : CH 103



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 0 : CH 79

Spectrum Plot of Maximum Value



802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
0 : CH 207

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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under control of a Standard Power AP

802.11a 1TX

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	7.98	0.12	8.10	8.37	16.47	17	Pass
45	6175	7.99	0.12	8.11	8.37	16.48	17	Pass
93	6415	7.75	0.12	7.87	8.37	16.24	17	Pass
117	6535	7.72	0.12	7.84	8.37	16.21	17	Pass
149	6695	7.94	0.12	8.06	8.37	16.43	17	Pass
181	6855	7.66	0.12	7.78	8.37	16.15	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 1S1T

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	7.91	8.37	16.28	17	Pass
45	6175	7.88	8.37	16.25	17	Pass
93	6415	8.04	8.37	16.41	17	Pass
117	6535	7.95	8.37	16.32	17	Pass
149	6695	8.13	8.37	16.5	17	Pass
181	6855	7.97	8.37	16.34	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT40) 1S1T

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
3	5965	5.65	8.37	14.02	17	Pass
43	6165	5.58	8.37	13.95	17	Pass
91	6405	5.34	8.37	13.71	17	Pass
123	6565	4.76	8.37	13.13	17	Pass
155	6725	4.44	8.37	12.81	17	Pass
179	6845	4.74	8.37	13.11	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT80) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
7	5985	1.58	0.13	1.71	8.37	10.08	17	Pass
39	6145	1.95	0.13	2.08	8.37	10.45	17	Pass
87	6385	2.11	0.13	2.24	8.37	10.61	17	Pass
135	6625	1.36	0.13	1.49	8.37	9.86	17	Pass
151	6705	1.24	0.13	1.37	8.37	9.74	17	Pass
167	6785	1.13	0.13	1.26	8.37	9.63	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT160) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-3.47	0.14	-3.33	8.37	5.04	17	Pass
47	6185	-3.16	0.14	-3.02	8.37	5.35	17	Pass
79	6345	-3.21	0.14	-3.07	8.37	5.3	17	Pass
143	6665	-4.16	0.14	-4.02	8.37	4.35	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 26-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	7.96	0.14	8.10	8.37	16.47	17	Pass
93	6415	7.76	0.14	7.90	8.37	16.27	17	Pass
117	6535	7.9	0.14	8.04	8.37	16.41	17	Pass
181	6855	7.82	0.14	7.96	8.37	16.33	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 52-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	7.59	0.25	7.84	8.37	16.21	17	Pass
93	6415	7.72	0.25	7.97	8.37	16.34	17	Pass
117	6535	7.53	0.25	7.78	8.37	16.15	17	Pass
181	6855	7.83	0.25	8.08	8.37	16.45	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 106-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	7.88	0.22	8.10	8.37	16.47	17	Pass
93	6415	7.75	0.22	7.97	8.37	16.34	17	Pass
117	6535	7.58	0.22	7.80	8.37	16.17	17	Pass
181	6855	7.84	0.22	8.06	8.37	16.43	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 52+26-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	7.68	0.17	7.85	8.37	16.22	17	Pass
93	6415	7.81	0.17	7.98	8.37	16.35	17	Pass
117	6535	7.59	0.17	7.76	8.37	16.13	17	Pass
181	6855	7.82	0.17	7.99	8.37	16.36	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT20) 106+26-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	7.82	0.16	7.98	8.37	16.35	17	Pass
93	6415	7.87	0.16	8.03	8.37	16.4	17	Pass
117	6535	7.75	0.16	7.91	8.37	16.28	17	Pass
181	6855	7.86	0.16	8.02	8.37	16.39	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT80) 484+242-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
7	5985	2.64	0.19	2.83	8.37	11.2	17	Pass
87	6385	3.36	0.19	3.55	8.37	11.92	17	Pass
135	6625	2.34	0.19	2.53	8.37	10.9	17	Pass
167	6785	2.31	0.19	2.50	8.37	10.87	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

802.11be (EHT160) 996+484-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-2.65	0.26	-2.39	8.37	5.98	17	Pass
79	6345	-2.36	0.26	-2.10	8.37	6.27	17	Pass
143	6665	-3.38	0.26	-3.12	8.37	5.25	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

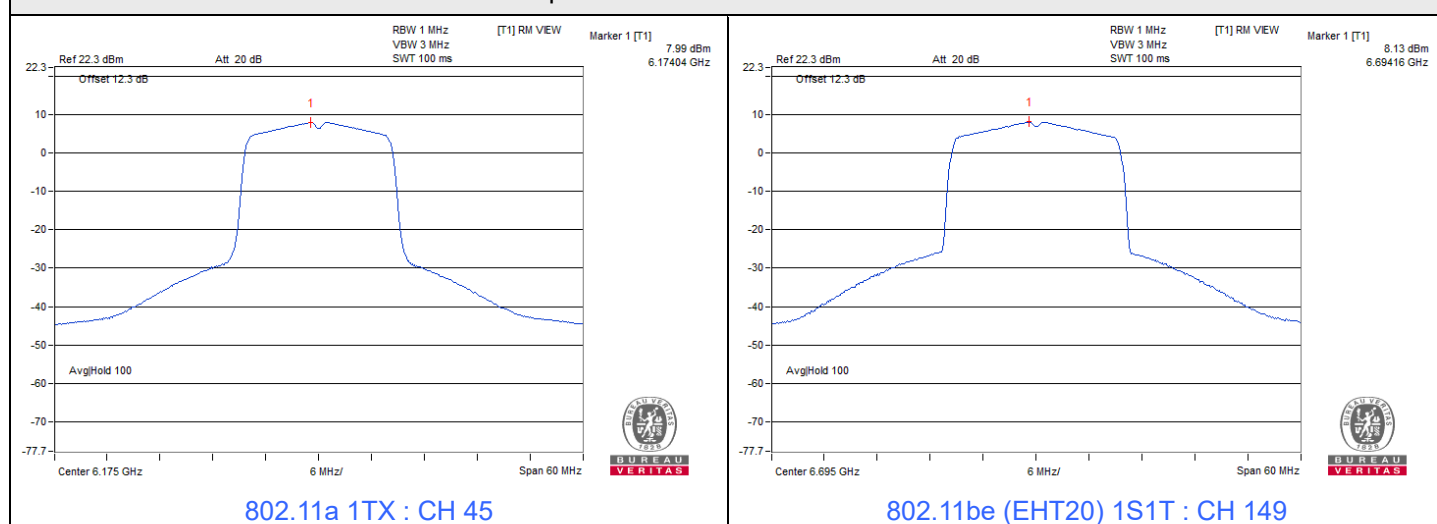
802.11be (EHT160) 996+484+242-tone MRU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-3.07	0.24	-2.83	8.37	5.54	17	Pass
79	6345	-2.78	0.24	-2.54	8.37	5.83	17	Pass
143	6665	-3.84	0.24	-3.60	8.37	4.77	17	Pass

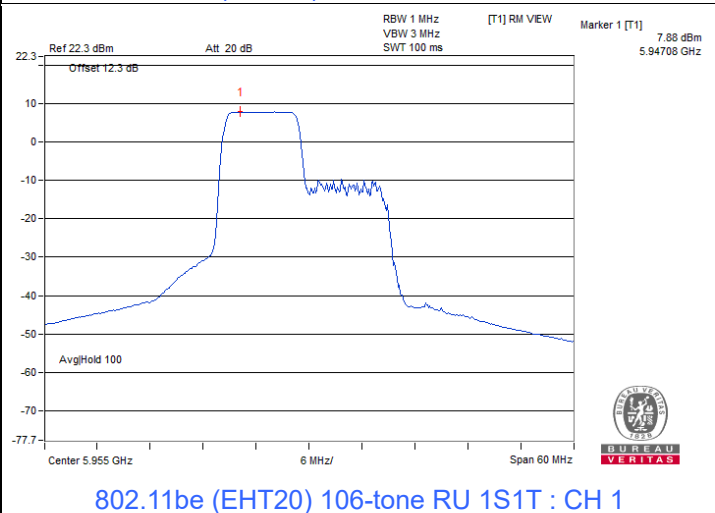
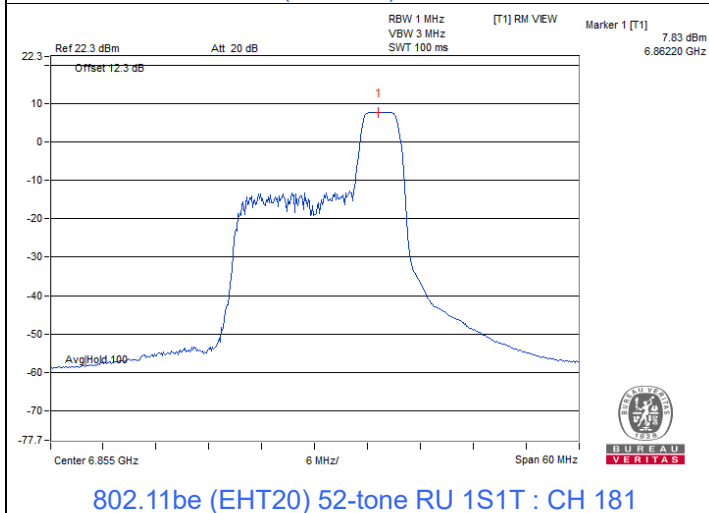
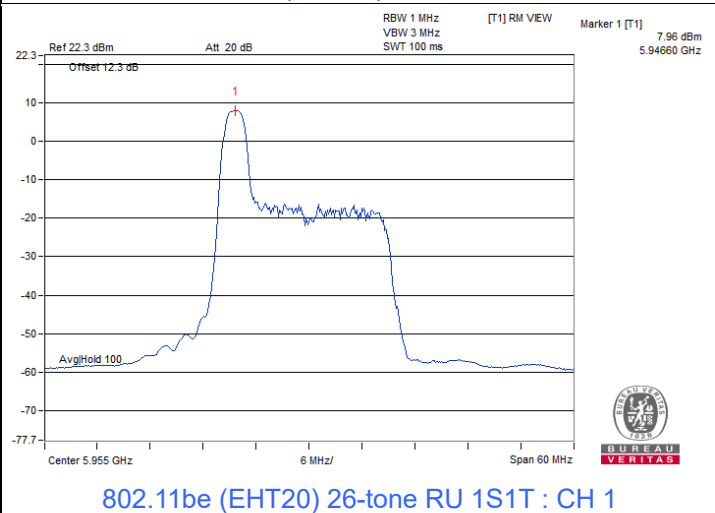
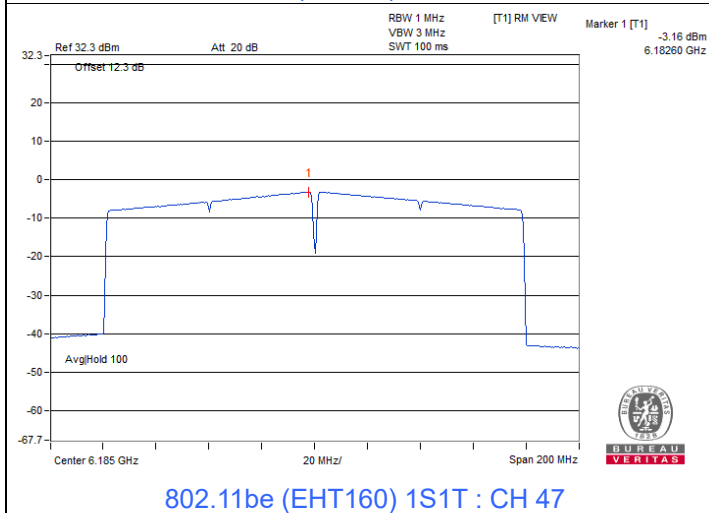
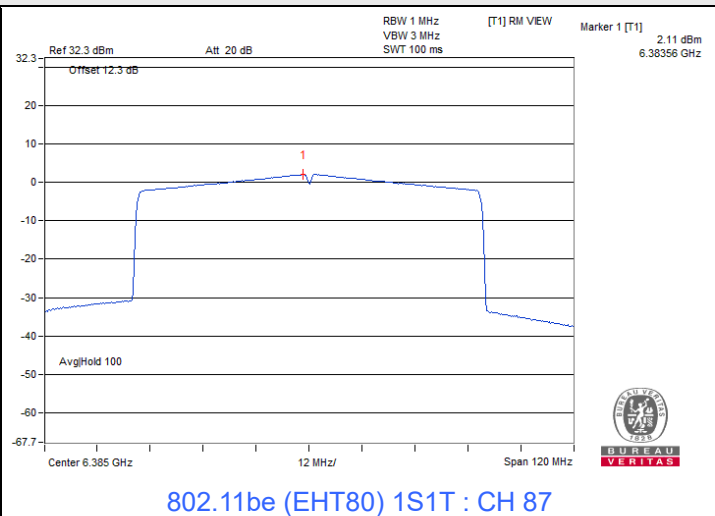
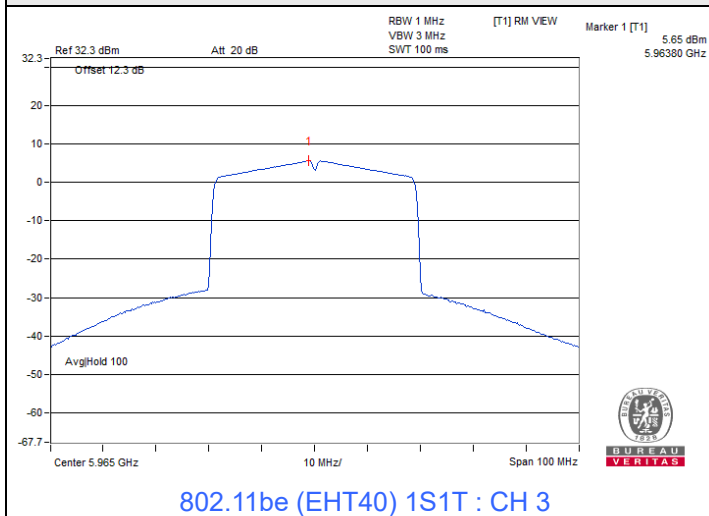
Notes:

1. For U-NII-5, The antenna gain is 8.37 dBi.
2. For U-NII-7, The antenna gain is 8.37 dBi.

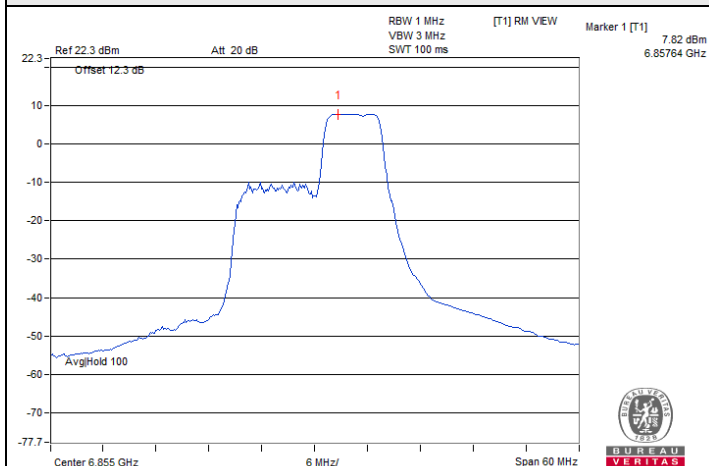
Spectrum Plot of Maximum Value



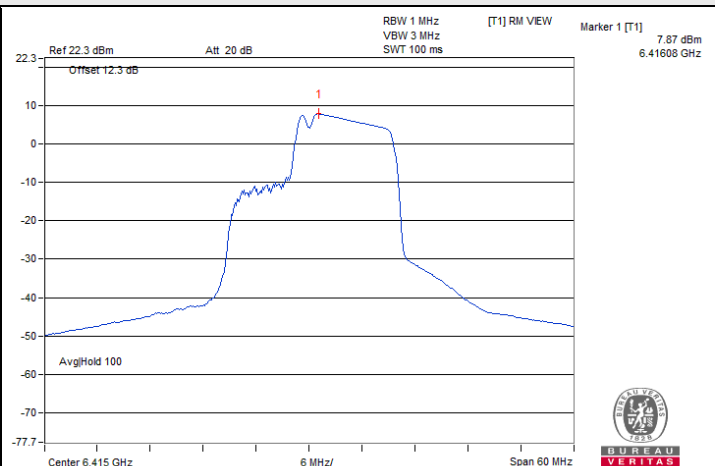
Spectrum Plot of Maximum Value



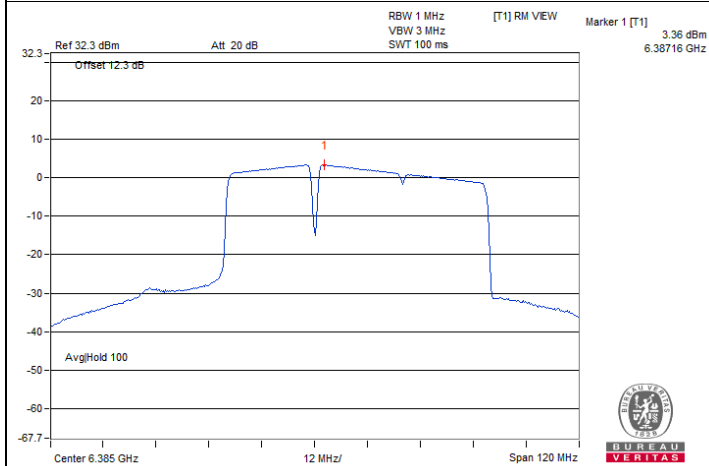
Spectrum Plot of Maximum Value



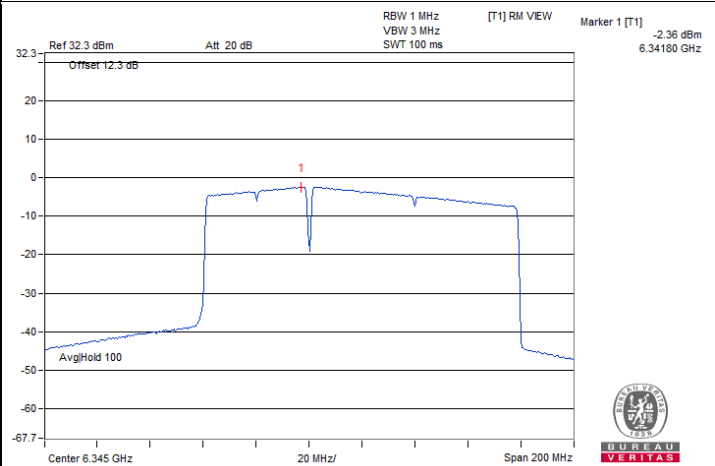
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 181



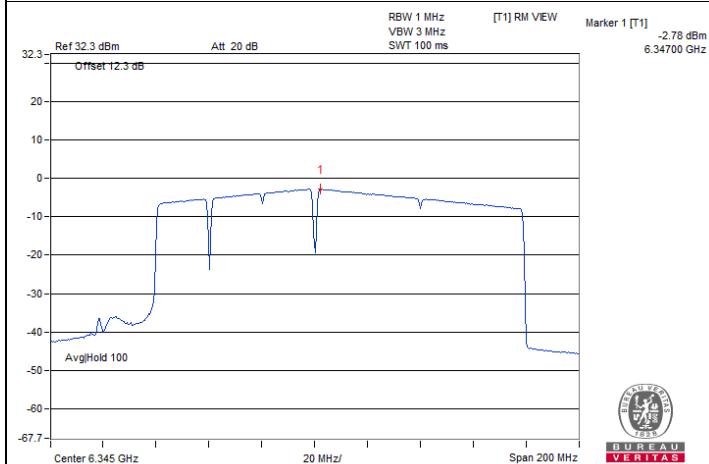
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 93



802.11be (EHT80) 484+242-tone MRU 1S1T : CH 87



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 79



802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 79

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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802.11a 2TX

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	2.02	1.64	0.11	4.95	11.38	16.33	17	Pass
45	6175	1.91	1.49	0.11	4.83	11.38	16.21	17	Pass
93	6415	1.74	1.65	0.11	4.82	11.38	16.2	17	Pass
117	6535	1.63	1.50	0.11	4.69	11.38	16.07	17	Pass
149	6695	1.95	1.63	0.11	4.91	11.38	16.29	17	Pass
181	6855	1.69	1.58	0.11	4.76	11.38	16.14	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=1, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/1) = 8.37+3.01 = 11.38 dBi.
- For U-NII-5, The directional gain is 11.38 dBi.
- For U-NII-7, The directional gain is 11.38 dBi.

802.11be (EHT20) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	4.99	4.48	0.1	7.85	8.37	16.22	17	Pass
45	6175	4.72	4.45	0.1	7.70	8.37	16.07	17	Pass
93	6415	4.56	4.53	0.1	7.66	8.37	16.03	17	Pass
117	6535	5.07	4.79	0.1	8.04	8.37	16.41	17	Pass
149	6695	4.60	5.04	0.1	7.94	8.37	16.31	17	Pass
181	6855	4.88	5.01	0.1	8.06	8.37	16.43	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT40) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
3	5965	3.16	2.72	0.11	6.07	8.37	14.44	17	Pass
43	6165	2.80	2.69	0.11	5.87	8.37	14.24	17	Pass
91	6405	2.86	2.67	0.11	5.89	8.37	14.26	17	Pass
123	6565	2.74	2.63	0.11	5.81	8.37	14.18	17	Pass
155	6725	2.85	2.78	0.11	5.94	8.37	14.31	17	Pass
179	6845	2.87	2.71	0.11	5.91	8.37	14.28	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT80) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
7	5985	-0.13	-0.76	0.23	2.81	8.37	11.18	17	Pass
39	6145	-0.40	-0.49	0.23	2.80	8.37	11.17	17	Pass
87	6385	0.06	-0.39	0.23	3.08	8.37	11.45	17	Pass
135	6625	-0.03	-0.36	0.23	3.05	8.37	11.42	17	Pass
151	6705	-0.28	-0.44	0.23	2.88	8.37	11.25	17	Pass
167	6785	-0.25	-0.77	0.23	2.74	8.37	11.11	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
- For U-NII-5, The directional gain is 8.37 dBi.
- For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT160) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
15	6025	-3.50	-3.58	0.25	-0.28	8.37	8.09	17	Pass
47	6185	-3.22	-3.46	0.25	-0.08	8.37	8.29	17	Pass
79	6345	-3.21	-3.48	0.25	-0.08	8.37	8.29	17	Pass
143	6665	-4.22	-4.63	0.25	-1.16	8.37	7.21	17	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	4.83	4.48	0.35	8.02	8.37	16.39	17	Pass
93	6415	4.73	4.45	0.35	7.95	8.37	16.32	17	Pass
117	6535	4.45	4.60	0.35	7.89	8.37	16.26	17	Pass
181	6855	4.64	4.35	0.35	7.86	8.37	16.23	17	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	4.66	4.84	0.37	8.13	8.37	16.5	17	Pass
93	6415	4.87	4.51	0.37	8.07	8.37	16.44	17	Pass
117	6535	4.87	4.59	0.37	8.11	8.37	16.48	17	Pass
181	6855	4.44	4.72	0.37	7.96	8.37	16.33	17	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	4.71	4.54	0.3	7.94	8.37	16.31	17	Pass
93	6415	4.70	4.60	0.3	7.96	8.37	16.33	17	Pass
117	6535	4.91	4.68	0.3	8.11	8.37	16.48	17	Pass
181	6855	4.87	4.61	0.3	8.05	8.37	16.42	17	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT20) 52+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	4.50	4.88	0.29	7.99	8.37	16.36	17	Pass
93	6415	4.54	4.54	0.29	7.84	8.37	16.21	17	Pass
117	6535	4.61	4.41	0.29	7.81	8.37	16.18	17	Pass
181	6855	4.60	4.35	0.29	7.78	8.37	16.15	17	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT20) 106+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
1	5955	4.93	4.55	0.34	8.09	8.37	16.46	17	Pass
93	6415	4.81	4.70	0.34	8.11	8.37	16.48	17	Pass
117	6535	4.80	4.53	0.34	8.02	8.37	16.39	17	Pass
181	6855	4.60	4.66	0.34	7.98	8.37	16.35	17	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT80) 484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
7	5985	1.14	0.74	0.35	4.30	8.37	12.67	17	Pass
87	6385	0.86	0.51	0.35	4.05	8.37	12.42	17	Pass
135	6625	0.99	0.89	0.35	4.30	8.37	12.67	17	Pass
167	6785	1.09	0.66	0.35	4.24	8.37	12.61	17	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

802.11be (EHT160) 996+484-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
15	6025	-2.45	-2.61	0.35	0.83	8.37	9.2	17	Pass
79	6345	-2.39	-2.63	0.35	0.85	8.37	9.22	17	Pass
143	6665	-3.21	-3.77	0.35	-0.12	8.37	8.25	17	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

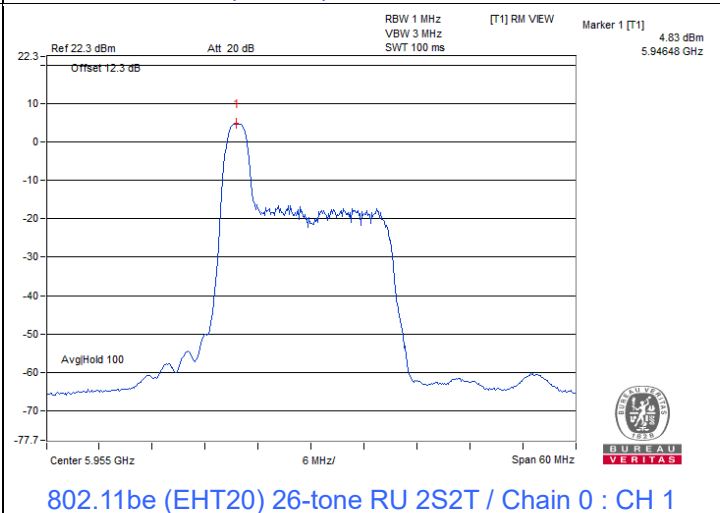
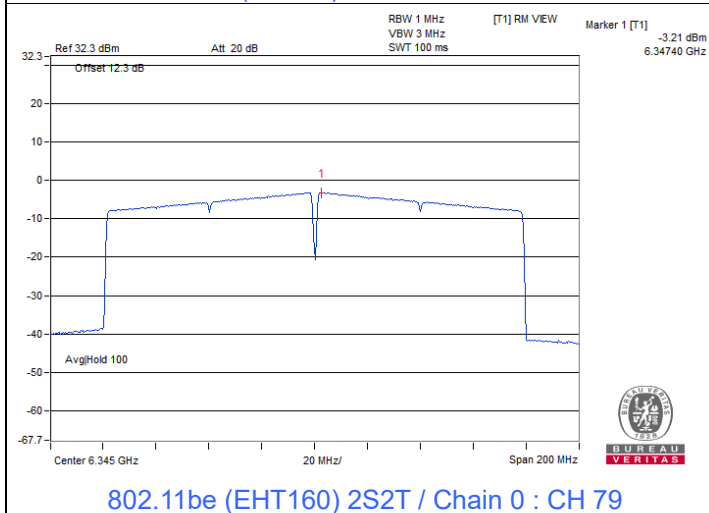
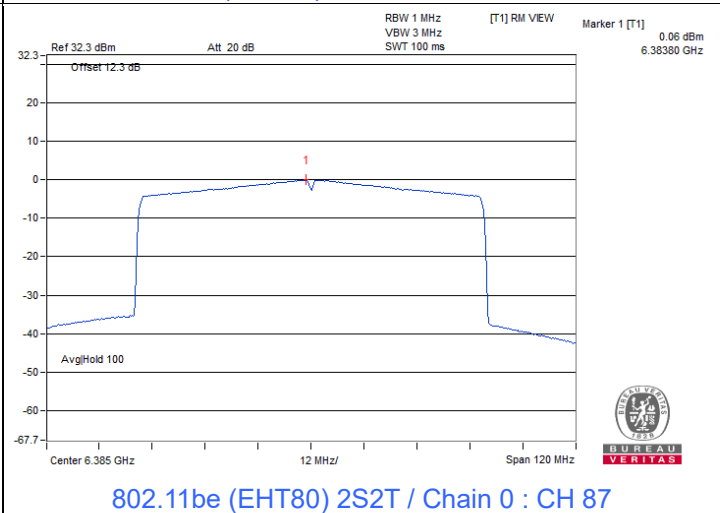
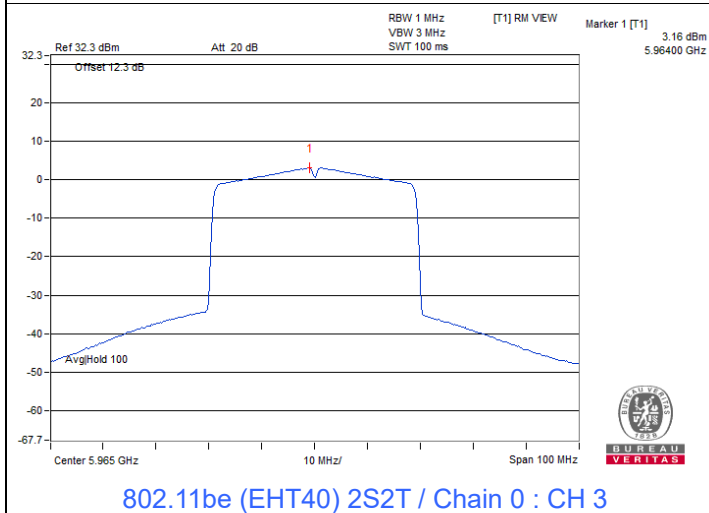
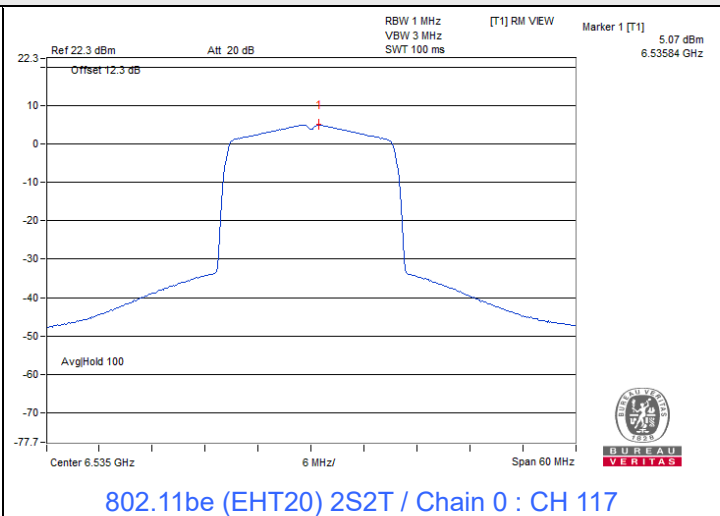
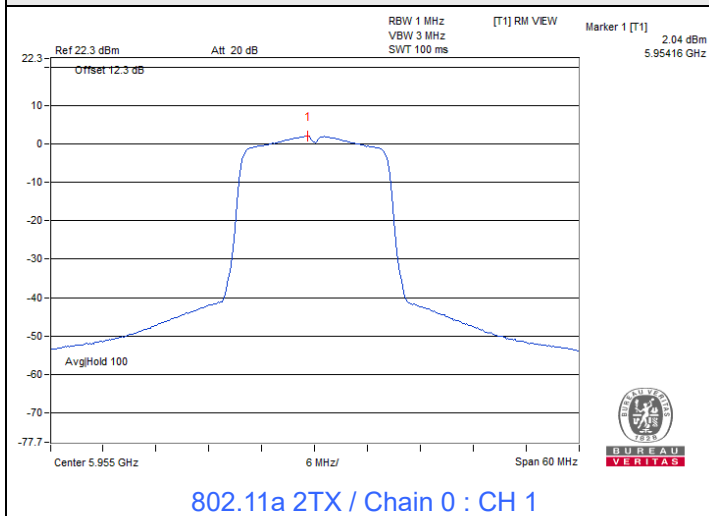
802.11be (EHT160) 996+484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1						
15	6025	-3.07	-3.09	0.4	0.33	8.37	8.7	17	Pass
79	6345	-2.78	-3.12	0.4	0.46	8.37	8.83	17	Pass
143	6665	-3.70	-4.26	0.4	-0.56	8.37	7.81	17	Pass

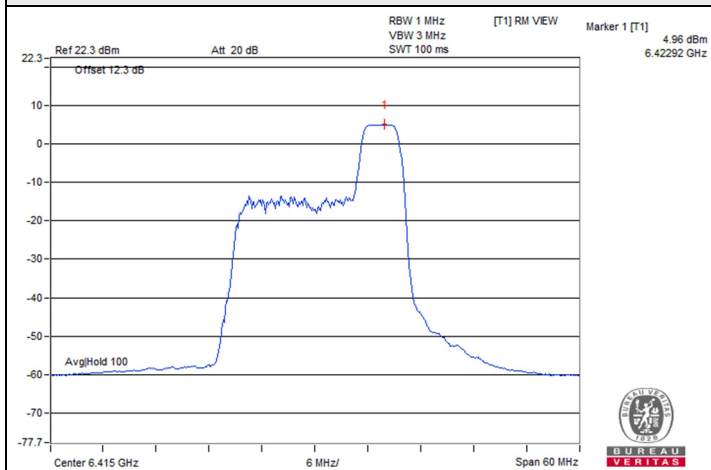
Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For NSS=2, Directional Gain = Gant + Array Gain = 8.37 + 10*log(2/2) = 8.37+0 = 8.37 dBi.
3. For U-NII-5, The directional gain is 8.37 dBi.
4. For U-NII-7, The directional gain is 8.37 dBi.

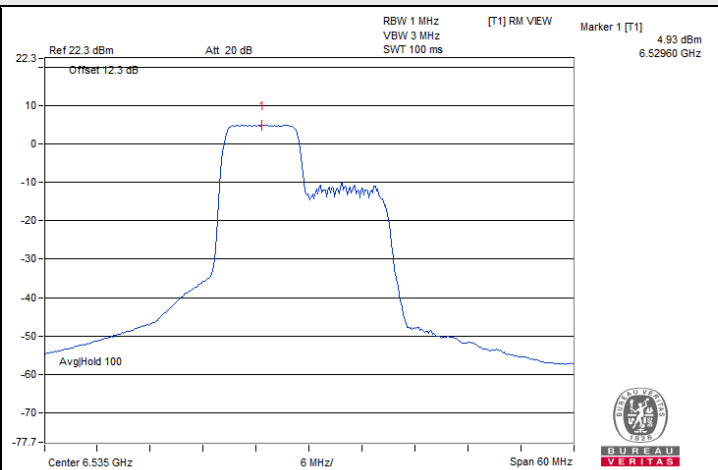
Spectrum Plot of Maximum Value



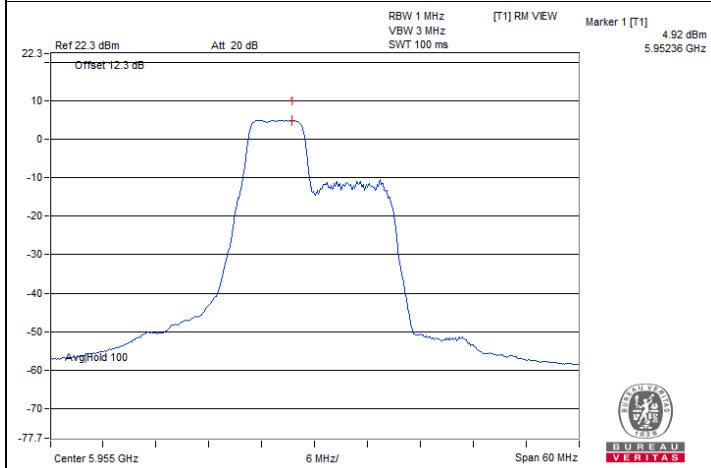
Spectrum Plot of Maximum Value



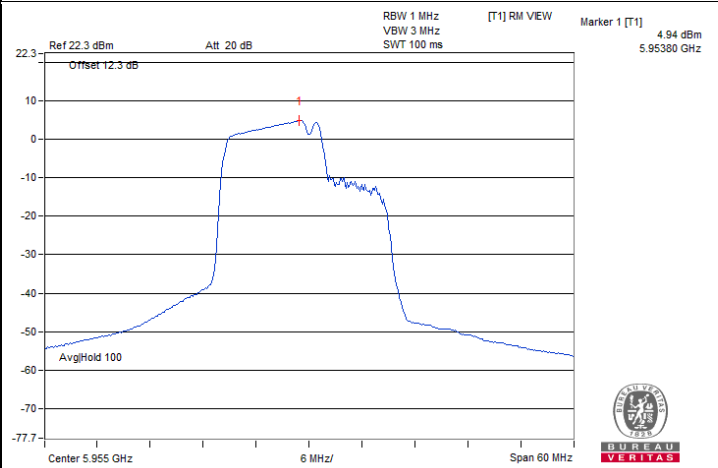
802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 93



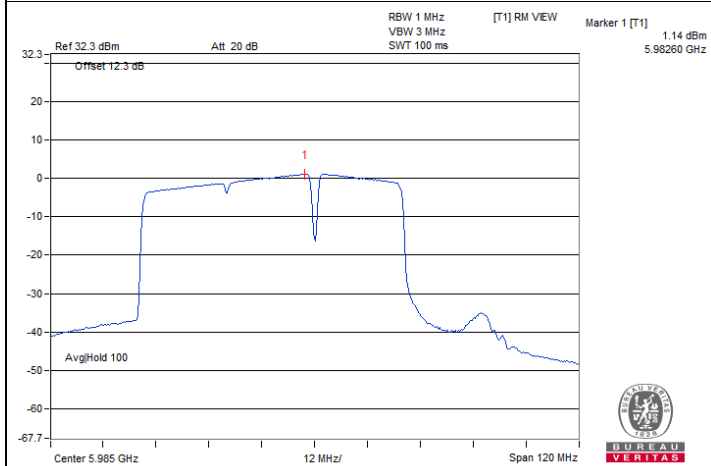
802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 117



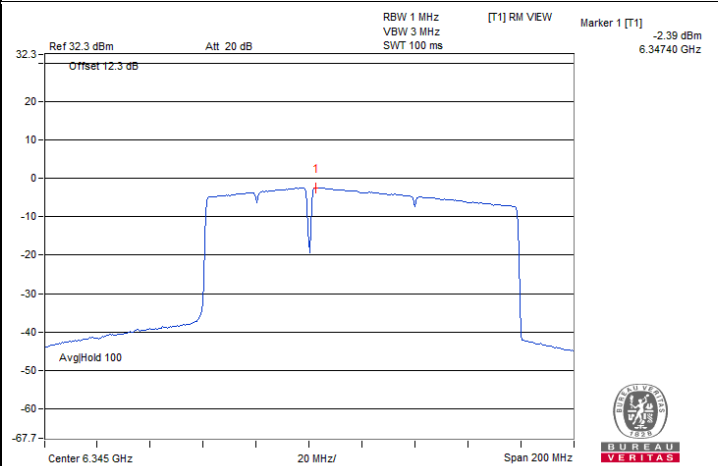
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1 : CH 1



802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 1

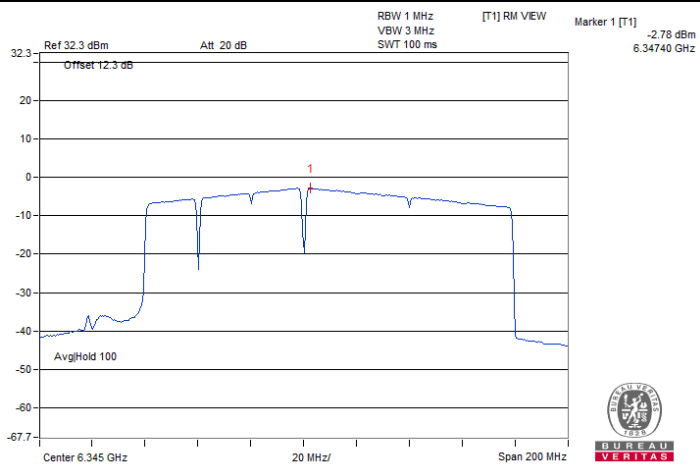


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0 : CH 7



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 0 : CH 79

Spectrum Plot of Maximum Value



802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
0 : CH 79

7.3 Emission Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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under control of a low-power indoor AP

802.11a 1TX

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	17.99	320	Pass
45	6175	17.98	320	Pass
93	6415	18.12	320	Pass
97	6435	18.31	320	Pass
105	6475	17.97	320	Pass
113	6515	18.04	320	Pass
117	6535	18.19	320	Pass
149	6695	18.05	320	Pass
181	6855	18.22	320	Pass
185	6875	18.2	320	Pass
209	6995	18.18	320	Pass
233	7115	18.12	320	Pass

802.11be (EHT20) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.82	320	Pass
45	6175	19.86	320	Pass
93	6415	19.83	320	Pass
97	6435	19.8	320	Pass
105	6475	19.83	320	Pass
113	6515	19.81	320	Pass
117	6535	19.83	320	Pass
149	6695	19.8	320	Pass
181	6855	19.78	320	Pass
185	6875	19.78	320	Pass
209	6995	19.82	320	Pass
233	7115	19.85	320	Pass

802.11be (EHT40) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
3	5965	39.31	320	Pass
43	6165	39.43	320	Pass
91	6405	39.52	320	Pass
99	6445	39.39	320	Pass
107	6485	39.36	320	Pass
115	6525	39.46	320	Pass
123	6565	39.39	320	Pass
155	6725	39.43	320	Pass
179	6845	39.41	320	Pass
187	6885	39.33	320	Pass
211	7005	39.35	320	Pass
227	7085	39.46	320	Pass

802.11be (EHT80) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	79.91	320	Pass
39	6145	80.01	320	Pass
87	6385	80	320	Pass
103	6465	80.06	320	Pass
119	6545	80.01	320	Pass
151	6705	79.92	320	Pass
183	6865	79.98	320	Pass
199	6945	79.96	320	Pass
215	7025	79.95	320	Pass

802.11be (EHT160) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	161.43	320	Pass
47	6185	161.36	320	Pass
79	6345	161.3	320	Pass
111	6505	161.39	320	Pass
143	6665	161.49	320	Pass
175	6825	161.27	320	Pass
207	6985	161.47	320	Pass

802.11be (EHT20) 26-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.44	320	Pass
93	6415	19.46	320	Pass
97	6435	19.48	320	Pass
113	6515	19.54	320	Pass
117	6535	19.5	320	Pass
185	6875	19.47	320	Pass
209	6995	19.59	320	Pass
233	7115	19.5	320	Pass

802.11be (EHT20) 52-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.62	320	Pass
93	6415	19.55	320	Pass
97	6435	19.49	320	Pass
113	6515	19.59	320	Pass
117	6535	19.64	320	Pass
185	6875	19.58	320	Pass
209	6995	19.56	320	Pass
233	7115	19.6	320	Pass

802.11be (EHT20) 106-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	20.02	320	Pass
93	6415	19.91	320	Pass
97	6435	20.1	320	Pass
113	6515	19.97	320	Pass
117	6535	20.2	320	Pass
185	6875	19.98	320	Pass
209	6995	20.13	320	Pass
233	7115	19.85	320	Pass

802.11be (EHT20) 52+26-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	18.96	320	Pass
93	6415	18.73	320	Pass
97	6435	18.86	320	Pass
113	6515	18.81	320	Pass
117	6535	18.77	320	Pass
185	6875	18.62	320	Pass
209	6995	18.99	320	Pass
233	7115	18.59	320	Pass

802.11be (EHT20) 106+26-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.69	320	Pass
93	6415	19.53	320	Pass
97	6435	19.62	320	Pass
113	6515	19.47	320	Pass
117	6535	19.68	320	Pass
185	6875	19.5	320	Pass
209	6995	19.64	320	Pass
233	7115	19.51	320	Pass

802.11be (EHT80) 484+242-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	78.81	320	Pass
87	6385	78.99	320	Pass
103	6465	78.32	320	Pass
119	6545	79.85	320	Pass
183	6865	77.49	320	Pass
199	6945	79.13	320	Pass
215	7025	79.08	320	Pass

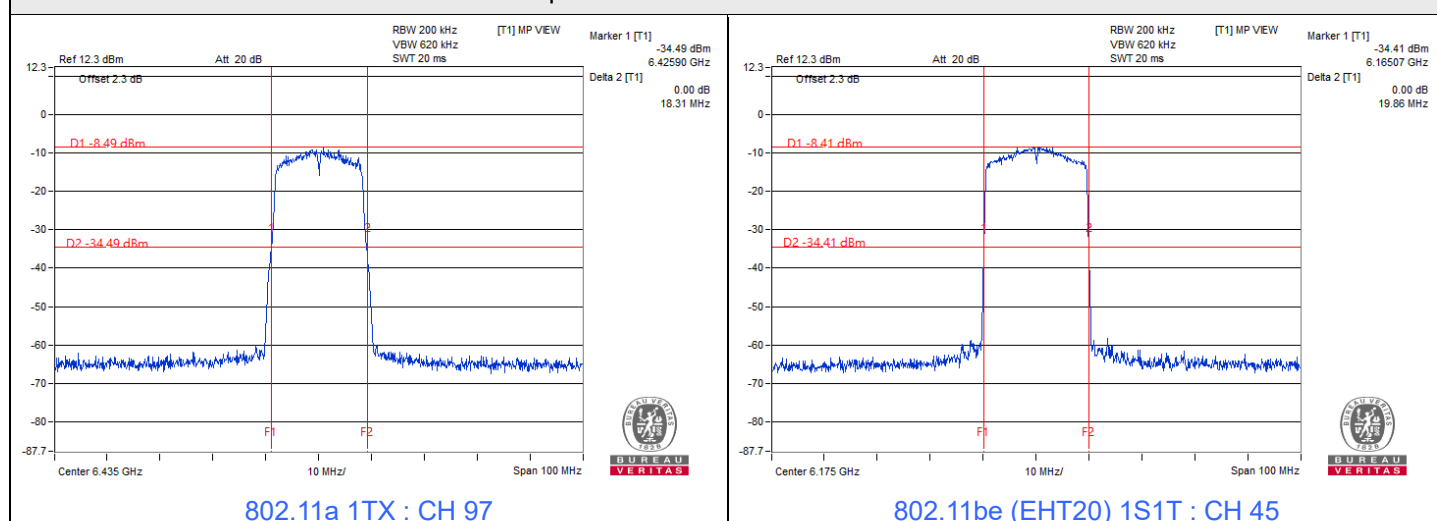
802.11be (EHT160) 996+484-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	122.19	320	Pass
79	6345	121.61	320	Pass
111	6505	121.8	320	Pass
143	6665	122.11	320	Pass
175	6825	121.92	320	Pass
207	6985	122.15	320	Pass

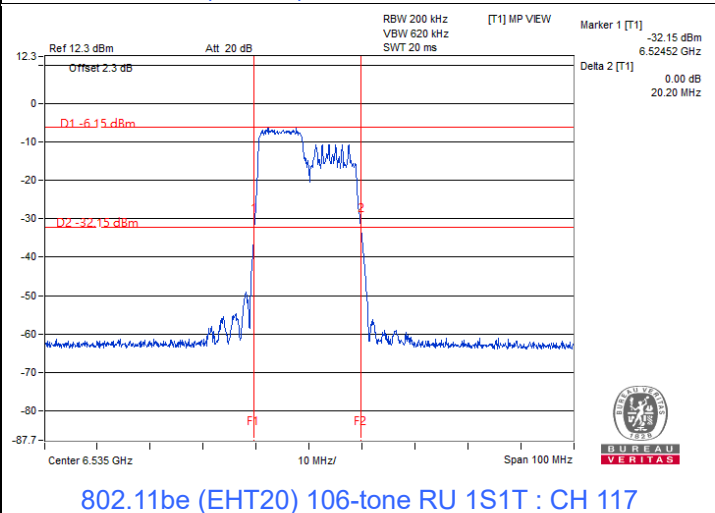
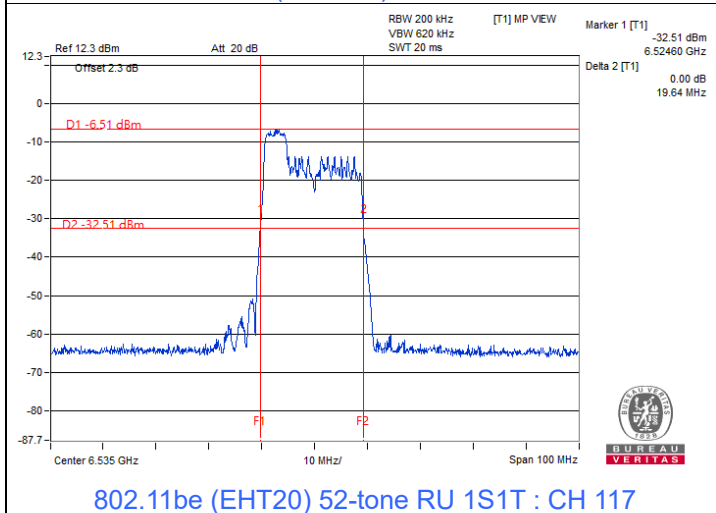
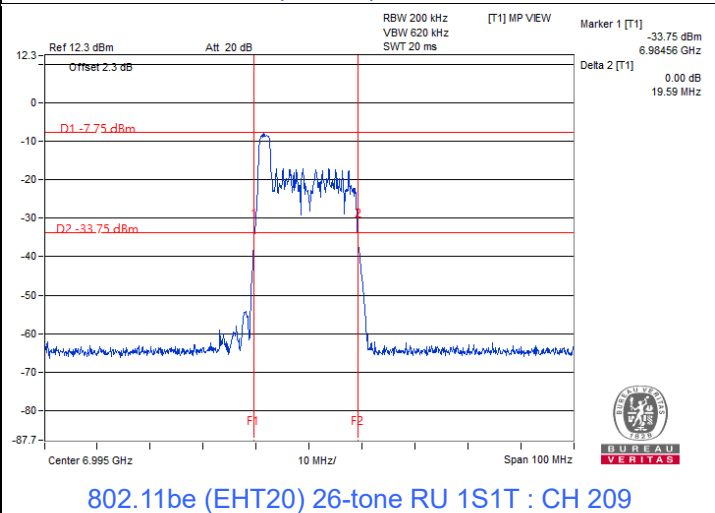
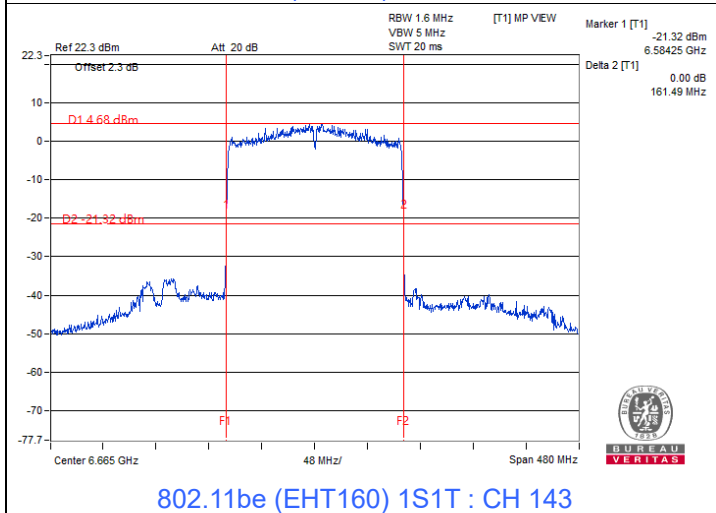
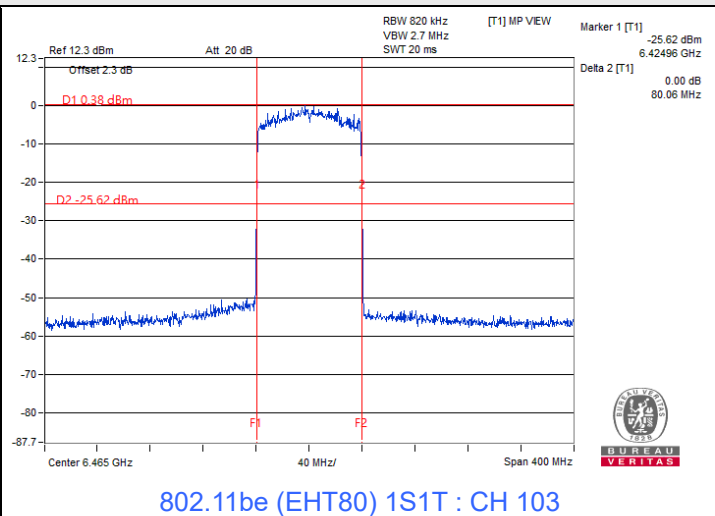
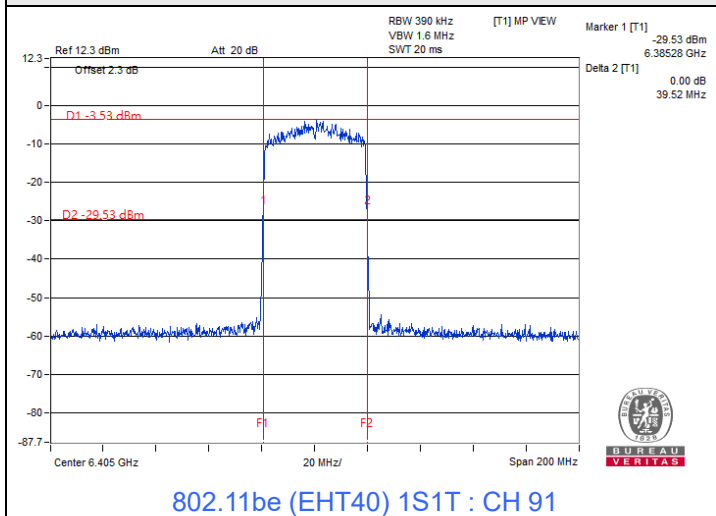
802.11be (EHT160) 996+484+242-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	160.05	320	Pass
79	6345	159.87	320	Pass
111	6505	159.36	320	Pass
143	6665	159.57	320	Pass
175	6825	160.46	320	Pass
207	6985	159.7	320	Pass

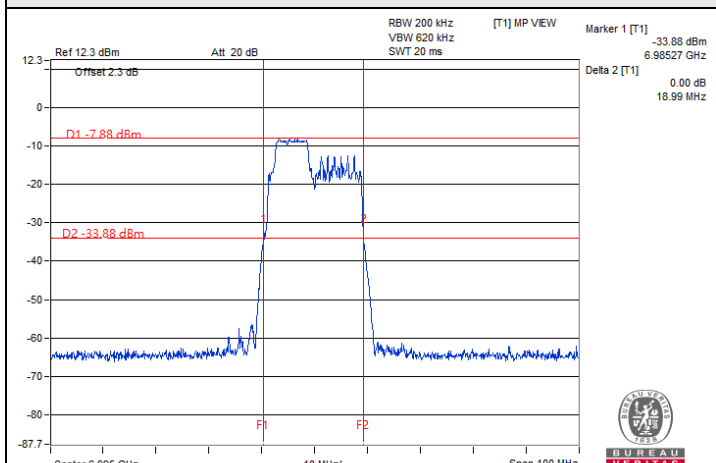
Spectrum Plot of Maximum Value



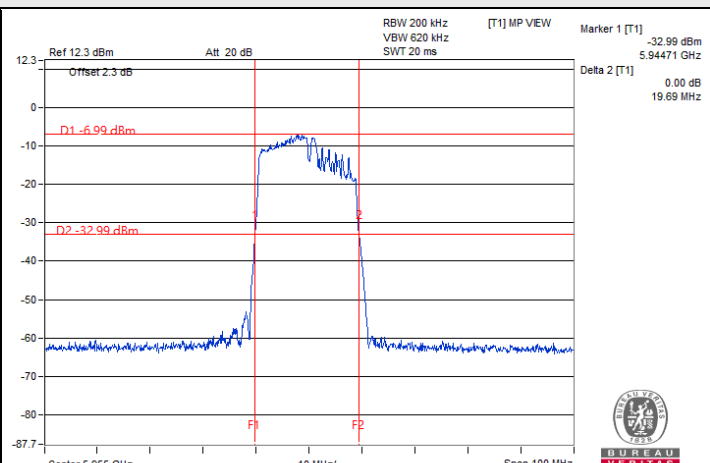
Spectrum Plot of Maximum Value



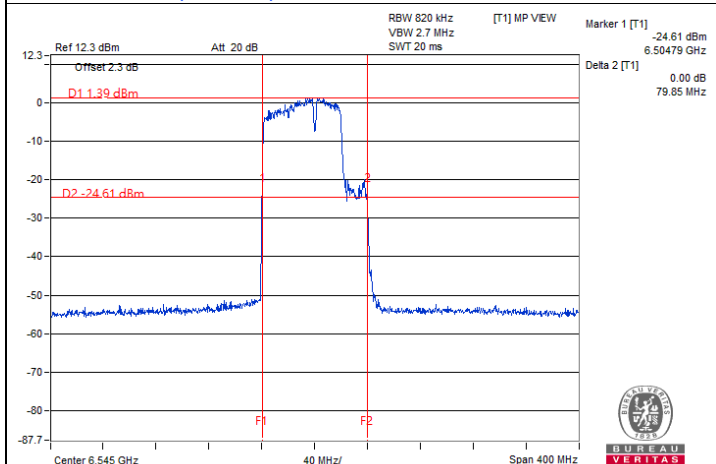
Spectrum Plot of Maximum Value



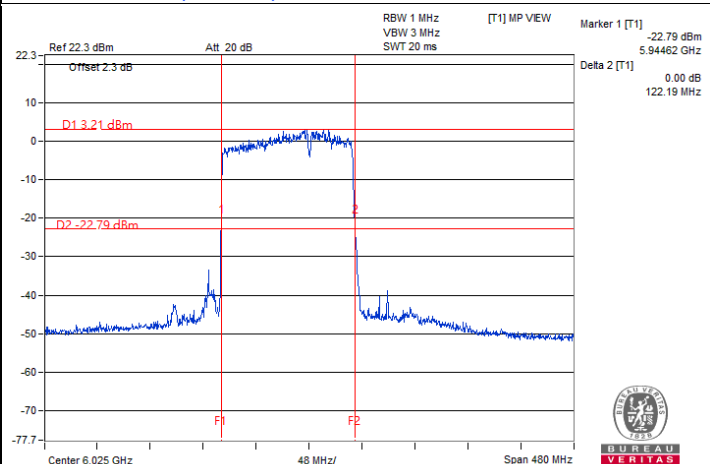
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 209



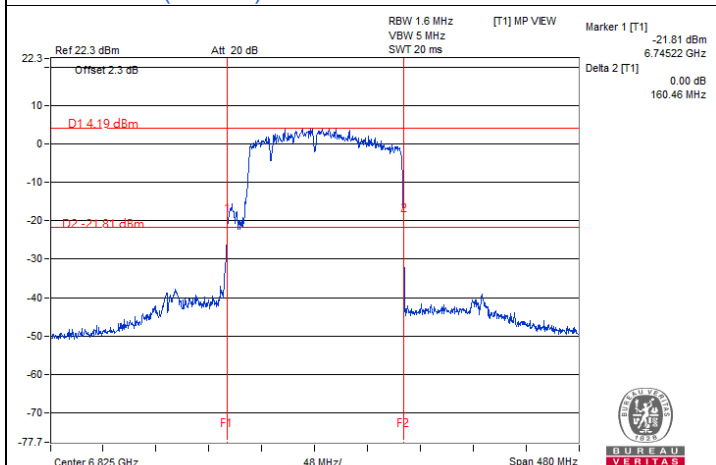
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 1



802.11be (EHT80) 484+242-tone MRU 1S1T : CH 119



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 15



802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 175

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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802.11a 2TX

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	18.08	18.20	320	Pass
45	6175	17.96	18.04	320	Pass
93	6415	18.34	18.14	320	Pass
97	6435	18.29	18.21	320	Pass
105	6475	18.02	18.02	320	Pass
113	6515	18.12	18.19	320	Pass
117	6535	18.18	17.96	320	Pass
149	6695	18.25	18.01	320	Pass
181	6855	18.10	18.11	320	Pass
185	6875	18.13	18.08	320	Pass
209	6995	18.09	18.07	320	Pass
233	7115	18.11	18.08	320	Pass

802.11be (EHT20) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.84	19.78	320	Pass
45	6175	19.72	19.76	320	Pass
93	6415	19.75	19.79	320	Pass
97	6435	19.83	19.68	320	Pass
105	6475	19.84	19.70	320	Pass
113	6515	19.81	19.74	320	Pass
117	6535	19.72	19.79	320	Pass
149	6695	19.77	19.83	320	Pass
181	6855	19.80	19.79	320	Pass
185	6875	19.86	19.75	320	Pass
209	6995	19.78	19.73	320	Pass
233	7115	19.83	19.78	320	Pass

802.11be (EHT40) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	5965	39.40	39.23	320	Pass
43	6165	39.50	39.39	320	Pass
91	6405	39.41	39.43	320	Pass
99	6445	39.46	39.29	320	Pass
107	6485	39.29	39.20	320	Pass
115	6525	39.30	39.23	320	Pass
123	6565	39.42	39.34	320	Pass
155	6725	39.51	39.34	320	Pass
179	6845	39.36	39.32	320	Pass
187	6885	39.54	39.32	320	Pass
211	7005	39.46	39.30	320	Pass
227	7085	39.49	39.37	320	Pass

802.11be (EHT80) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	80.02	79.98	320	Pass
39	6145	79.99	79.91	320	Pass
87	6385	79.95	80.01	320	Pass
103	6465	79.98	79.94	320	Pass
119	6545	79.96	79.89	320	Pass
151	6705	79.94	79.94	320	Pass
183	6865	79.95	79.96	320	Pass
199	6945	79.83	79.99	320	Pass
215	7025	79.99	79.99	320	Pass

802.11be (EHT160) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	161.18	161.38	320	Pass
47	6185	161.34	161.32	320	Pass
79	6345	161.27	161.25	320	Pass
111	6505	161.41	161.42	320	Pass
143	6665	161.34	161.34	320	Pass
175	6825	161.46	161.30	320	Pass
207	6985	161.18	161.33	320	Pass

802.11be (EHT20) 26-tone RU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.68	19.48	320	Pass
93	6415	19.42	19.25	320	Pass
97	6435	19.55	19.47	320	Pass
113	6515	19.49	19.36	320	Pass
117	6535	19.53	19.43	320	Pass
185	6875	19.41	19.34	320	Pass
209	6995	19.52	19.50	320	Pass
233	7115	19.34	19.37	320	Pass

802.11be (EHT20) 52-tone RU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.48	19.60	320	Pass
93	6415	19.71	19.42	320	Pass
97	6435	19.54	19.51	320	Pass
113	6515	19.70	19.37	320	Pass
117	6535	19.56	19.53	320	Pass
185	6875	19.70	19.42	320	Pass
209	6995	19.67	19.44	320	Pass
233	7115	19.58	19.30	320	Pass

802.11be (EHT20) 106-tone RU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.74	19.67	320	Pass
93	6415	19.92	19.44	320	Pass
97	6435	19.76	19.57	320	Pass
113	6515	19.98	19.53	320	Pass
117	6535	19.71	19.71	320	Pass
185	6875	19.92	19.51	320	Pass
209	6995	19.78	19.74	320	Pass
233	7115	19.92	19.42	320	Pass

802.11be (EHT20) 52+26-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	18.72	18.87	320	Pass
93	6415	19.02	18.73	320	Pass
97	6435	18.75	18.72	320	Pass
113	6515	18.85	18.61	320	Pass
117	6535	19.04	18.87	320	Pass
185	6875	19.13	18.53	320	Pass
209	6995	19.11	18.98	320	Pass
233	7115	19.06	18.82	320	Pass

802.11be (EHT20) 106+26-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.67	19.43	320	Pass
93	6415	19.51	19.29	320	Pass
97	6435	19.64	19.38	320	Pass
113	6515	19.31	19.47	320	Pass
117	6535	19.63	19.38	320	Pass
185	6875	19.26	19.46	320	Pass
209	6995	19.75	19.30	320	Pass
233	7115	19.37	19.29	320	Pass

802.11be (EHT80) 484+242-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	77.47	76.19	320	Pass
87	6385	79.43	79.12	320	Pass
103	6465	79.15	78.11	320	Pass
119	6545	78.00	77.91	320	Pass
183	6865	77.73	79.17	320	Pass
199	6945	79.49	78.68	320	Pass
215	7025	79.21	78.37	320	Pass

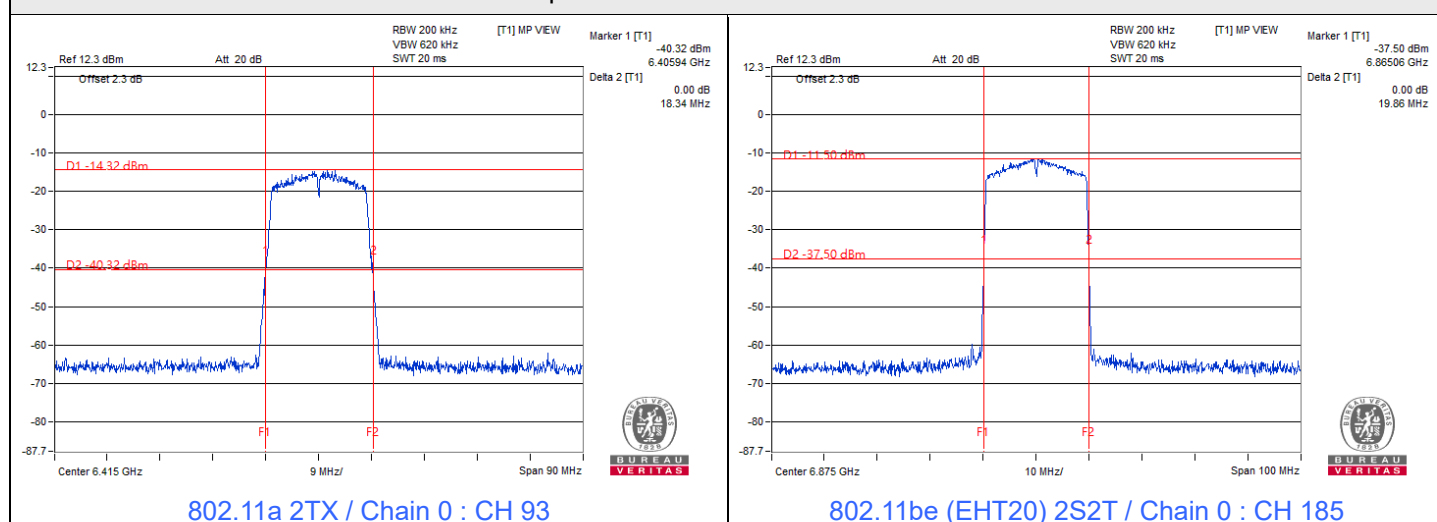
802.11be (EHT160) 996+484-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	121.87	121.63	320	Pass
79	6345	121.52	121.77	320	Pass
111	6505	121.94	122.00	320	Pass
143	6665	121.63	121.57	320	Pass
175	6825	121.99	122.08	320	Pass
207	6985	121.78	121.65	320	Pass

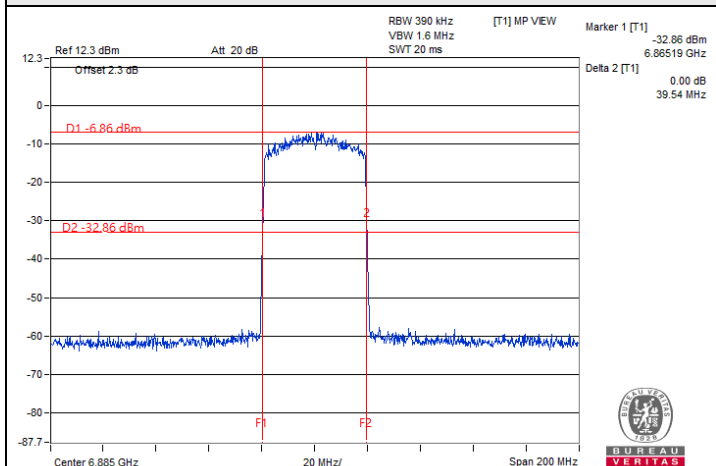
802.11be (EHT160) 996+484+242-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	159.79	160.05	320	Pass
79	6345	160.05	159.96	320	Pass
111	6505	159.30	159.57	320	Pass
143	6665	158.93	160.11	320	Pass
175	6825	160.27	159.93	320	Pass
207	6985	159.19	159.27	320	Pass

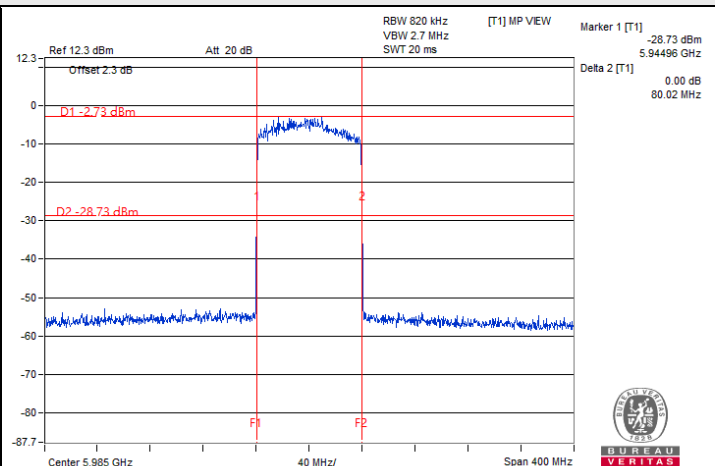
Spectrum Plot of Maximum Value



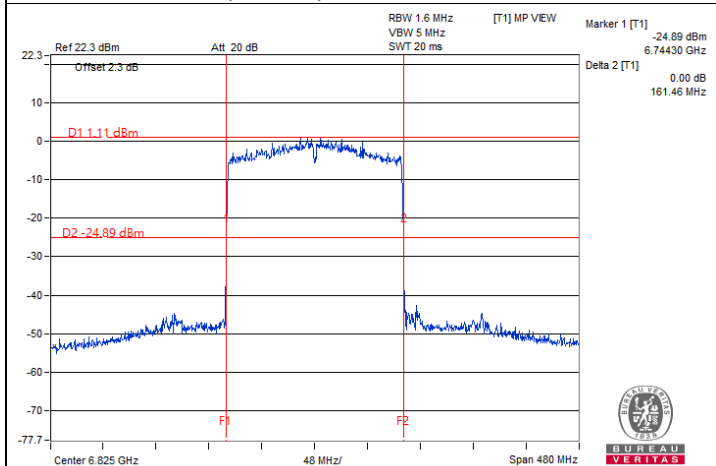
Spectrum Plot of Maximum Value



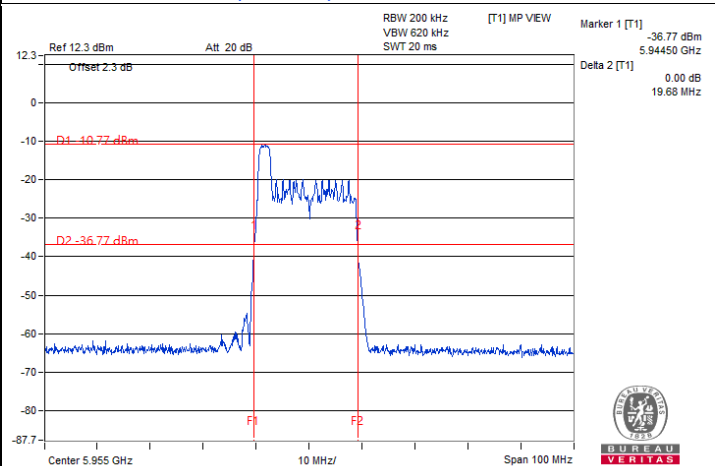
802.11be (EHT40) 2S2T / Chain 0 : CH 187



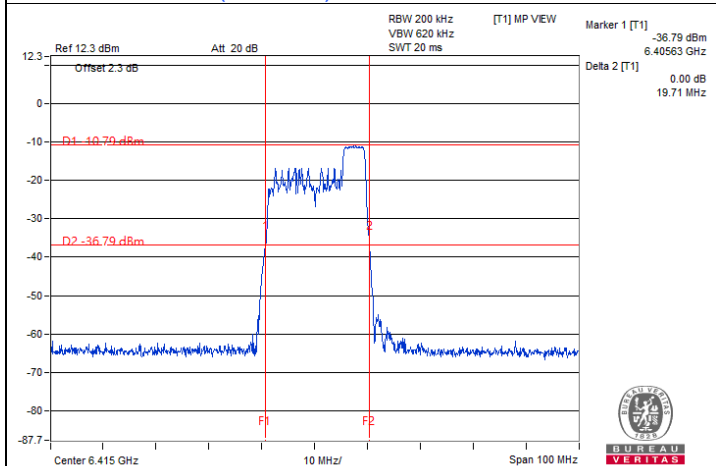
802.11be (EHT80) 2S2T / Chain 0 : CH 7



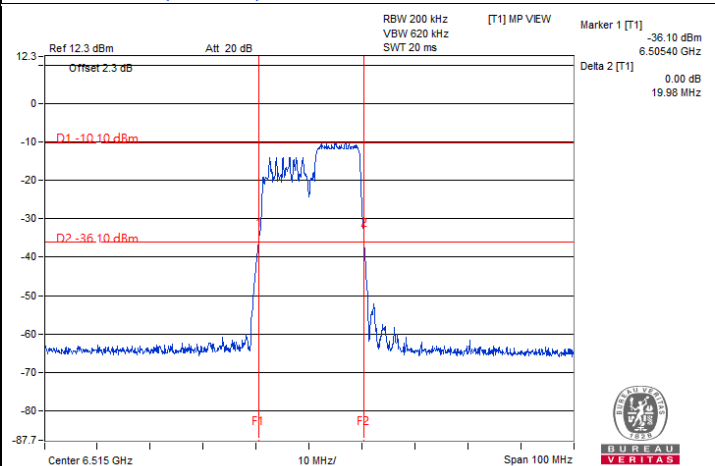
802.11be (EHT160) 2S2T / Chain 0 : CH 175



802.11be (EHT20) 26-tone RU 2S2T / Chain 0 : CH 1

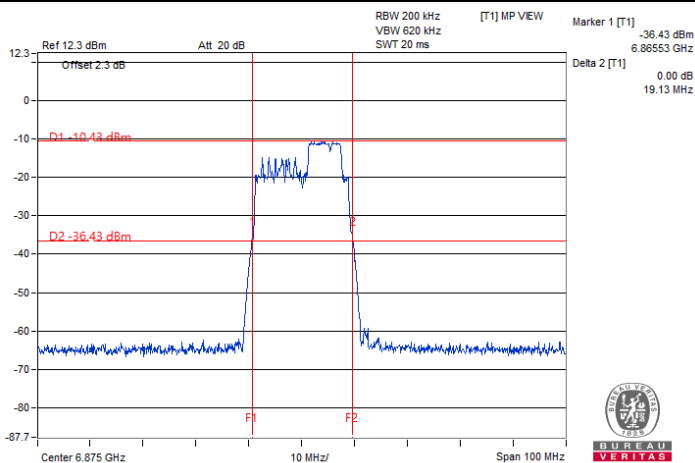


802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 93

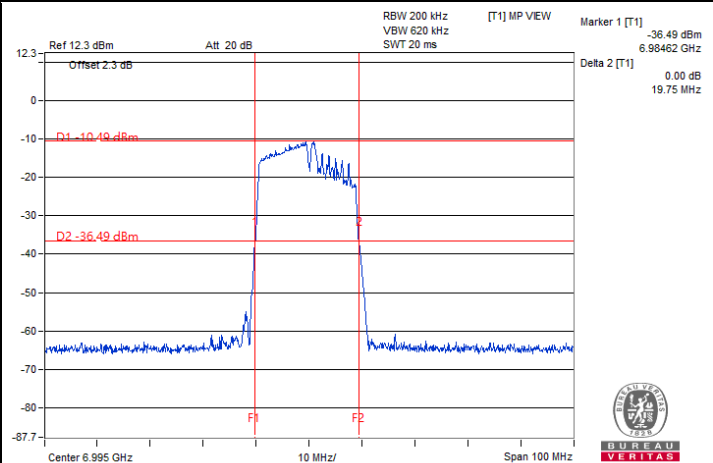


802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 113

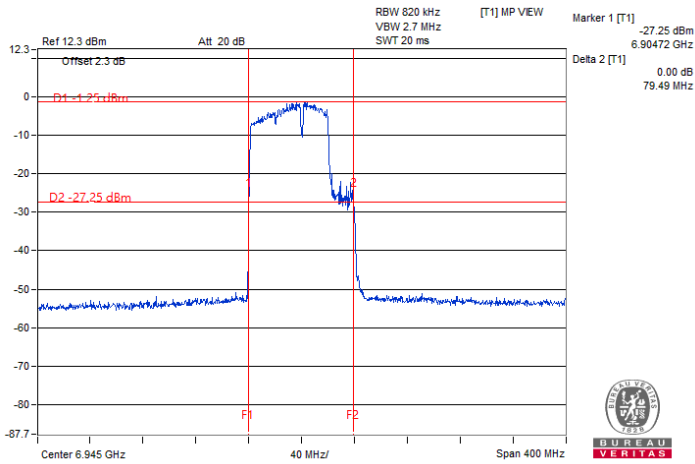
Spectrum Plot of Maximum Value



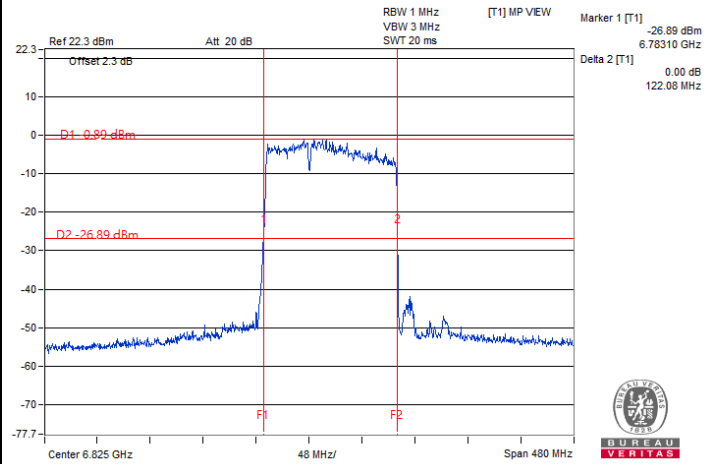
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0 : CH 185



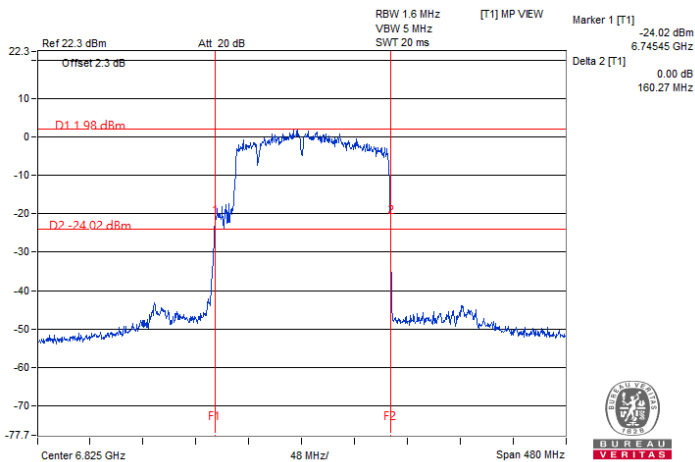
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 209



802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0 : CH 199



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 1 : CH 175



802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain 0 : CH 175

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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under control of a Standard Power AP

802.11a 1TX

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	18.32	320	Pass
45	6175	18.24	320	Pass
93	6415	18.12	320	Pass
117	6535	18.22	320	Pass
149	6695	18.38	320	Pass
181	6855	18.21	320	Pass

802.11be (EHT20) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.87	320	Pass
45	6175	19.84	320	Pass
93	6415	19.8	320	Pass
117	6535	19.84	320	Pass
149	6695	19.84	320	Pass
181	6855	19.9	320	Pass

802.11be (EHT40) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
3	5965	39.38	320	Pass
43	6165	39.35	320	Pass
91	6405	39.53	320	Pass
123	6565	39.46	320	Pass
155	6725	39.37	320	Pass
179	6845	39.39	320	Pass

802.11be (EHT80) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	79.98	320	Pass
39	6145	80.06	320	Pass
87	6385	80.14	320	Pass
135	6625	79.95	320	Pass
151	6705	79.93	320	Pass
167	6785	79.99	320	Pass

802.11be (EHT160) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	161.4	320	Pass
47	6185	161.16	320	Pass
79	6345	161.37	320	Pass
143	6665	161.38	320	Pass

802.11be (EHT20) 26-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.56	320	Pass
93	6415	19.49	320	Pass
117	6535	19.63	320	Pass
181	6855	19.42	320	Pass

802.11be (EHT20) 52-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.73	320	Pass
93	6415	19.58	320	Pass
117	6535	19.63	320	Pass
181	6855	19.49	320	Pass

802.11be (EHT20) 106-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	20.02	320	Pass
93	6415	19.96	320	Pass
117	6535	19.98	320	Pass
181	6855	20	320	Pass

802.11be (EHT20) 52+26-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19	320	Pass
93	6415	19	320	Pass
117	6535	18.78	320	Pass
181	6855	18.75	320	Pass

802.11be (EHT20) 106+26-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.72	320	Pass
93	6415	19.55	320	Pass
117	6535	19.59	320	Pass
181	6855	19.55	320	Pass

802.11be (EHT80) 484+242-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	79.66	320	Pass
87	6385	77.49	320	Pass
135	6625	78.76	320	Pass
167	6785	79.13	320	Pass

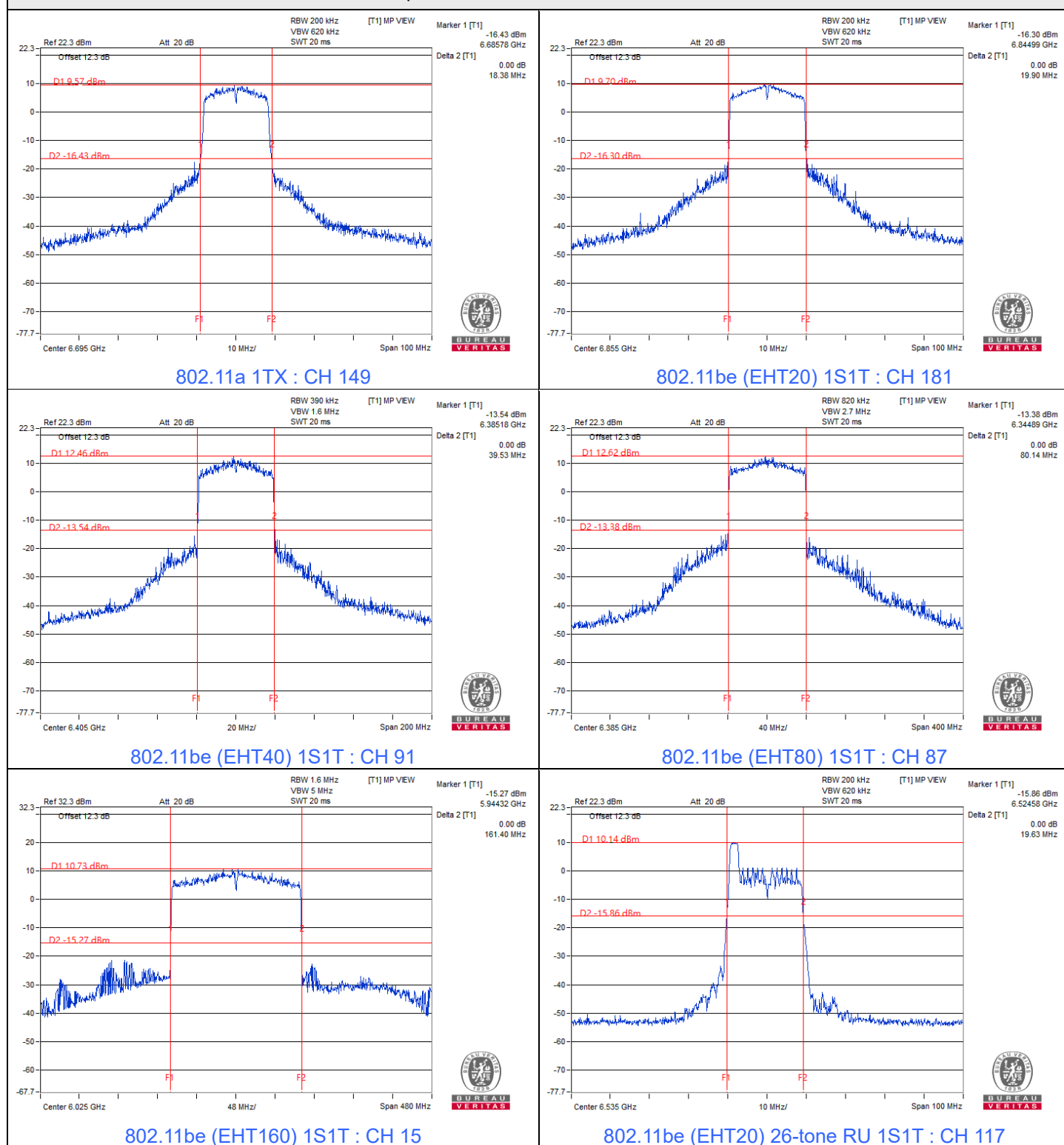
802.11be (EHT160) 996+484-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	122.09	320	Pass
79	6345	121.69	320	Pass
143	6665	121.7	320	Pass

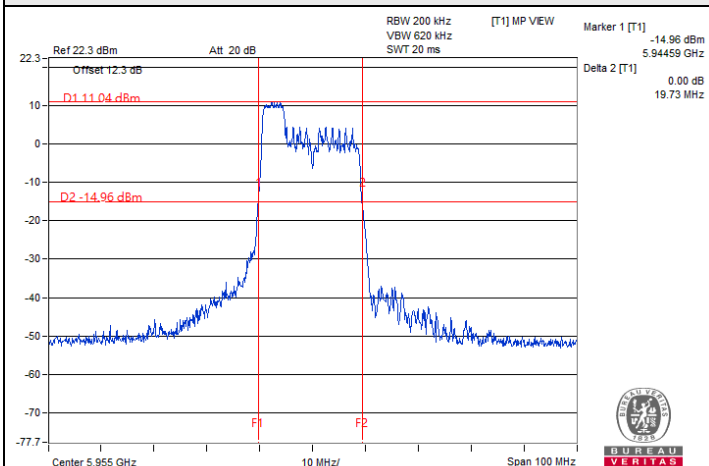
802.11be (EHT160) 996+484+242-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	159.99	320	Pass
79	6345	159.83	320	Pass
143	6665	159.96	320	Pass

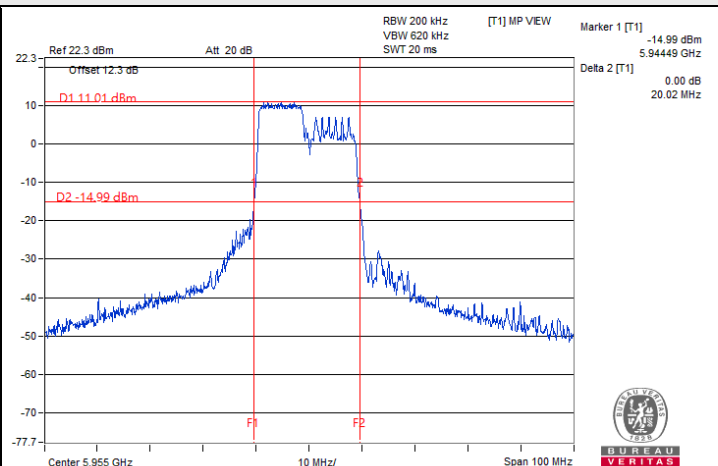
Spectrum Plot of Maximum Value



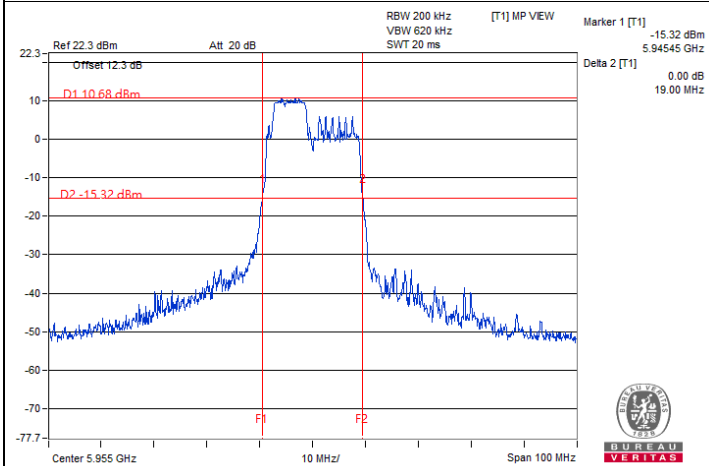
Spectrum Plot of Maximum Value



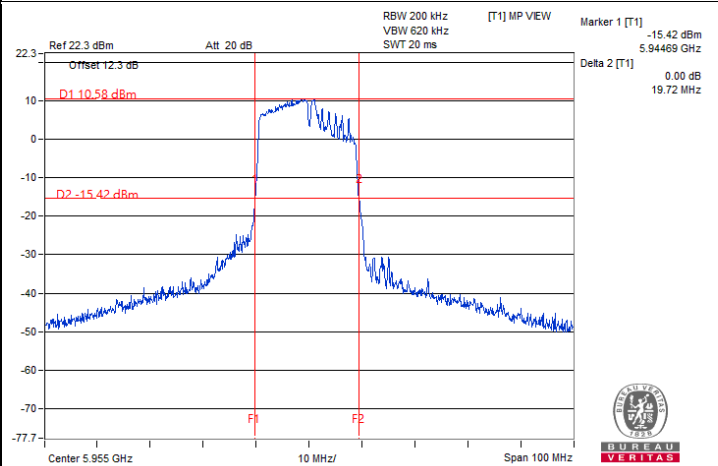
802.11be (EHT20) 52-tone RU 1S1T : CH 1



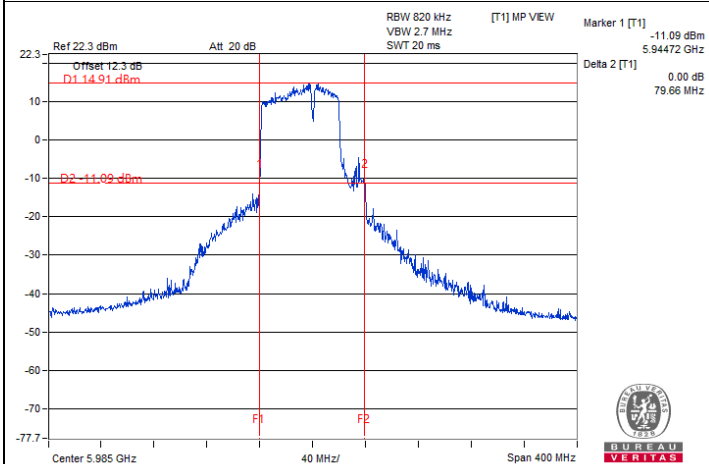
802.11be (EHT20) 106-tone RU 1S1T : CH 1



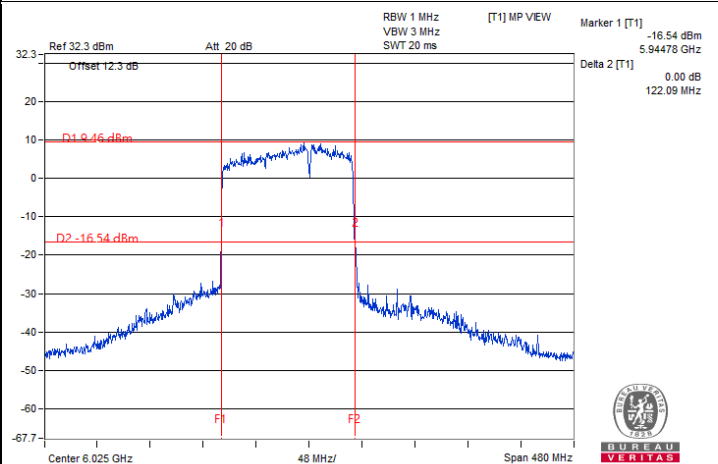
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 1



802.11be (EHT20) 106+26-tone MRU 1S1T : CH 1

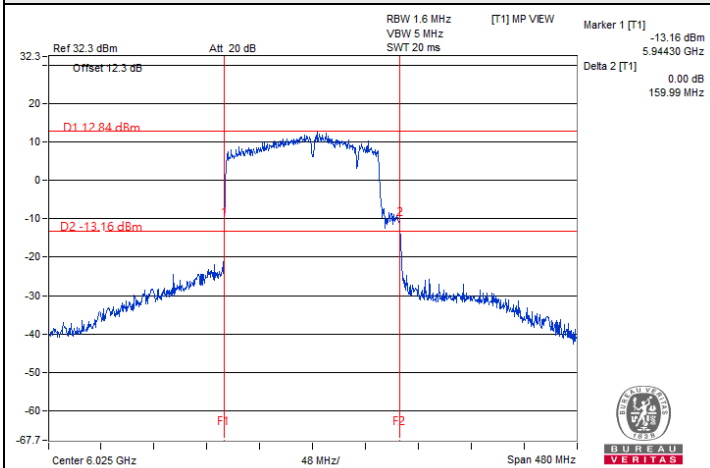


802.11be (EHT80) 484+242-tone MRU 1S1T : CH 7



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 15

Spectrum Plot of Maximum Value



802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 15

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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802.11a 2TX

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	18.09	18.17	320	Pass
45	6175	18.04	18.10	320	Pass
93	6415	18.10	18.08	320	Pass
117	6535	18.09	18.07	320	Pass
149	6695	18.03	18.02	320	Pass
181	6855	18.13	18.13	320	Pass

802.11be (EHT20) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.74	19.79	320	Pass
45	6175	19.76	19.77	320	Pass
93	6415	19.81	19.76	320	Pass
117	6535	19.81	19.86	320	Pass
149	6695	19.76	19.75	320	Pass
181	6855	19.78	19.78	320	Pass

802.11be (EHT40) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	5965	39.29	39.46	320	Pass
43	6165	39.49	39.42	320	Pass
91	6405	39.38	39.40	320	Pass
123	6565	39.41	39.34	320	Pass
155	6725	39.51	39.44	320	Pass
179	6845	39.38	39.42	320	Pass

802.11be (EHT80) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	79.93	79.97	320	Pass
39	6145	79.92	80.02	320	Pass
87	6385	79.98	80.02	320	Pass
135	6625	79.86	80.03	320	Pass
151	6705	79.87	80.07	320	Pass
167	6785	80.06	80.11	320	Pass

802.11be (EHT160) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	161.49	161.52	320	Pass
47	6185	161.43	161.38	320	Pass
79	6345	161.44	161.49	320	Pass
143	6665	161.48	161.38	320	Pass

802.11be (EHT20) 26-tone RU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.55	19.51	320	Pass
93	6415	19.40	19.38	320	Pass
117	6535	19.47	19.44	320	Pass
181	6855	19.48	19.33	320	Pass

802.11be (EHT20) 52-tone RU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.70	19.45	320	Pass
93	6415	19.59	19.36	320	Pass
117	6535	19.62	19.55	320	Pass
181	6855	19.39	19.67	320	Pass

802.11be (EHT20) 106-tone RU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	20.22	19.67	320	Pass
93	6415	19.85	19.50	320	Pass
117	6535	19.91	19.74	320	Pass
181	6855	19.96	19.54	320	Pass

802.11be (EHT20) 52+26-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.24	18.72	320	Pass
93	6415	18.91	18.69	320	Pass
117	6535	19.03	18.80	320	Pass
181	6855	18.91	18.76	320	Pass

802.11be (EHT20) 106+26-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.56	19.40	320	Pass
93	6415	19.46	19.34	320	Pass
117	6535	19.52	19.44	320	Pass
181	6855	19.49	19.37	320	Pass

802.11be (EHT80) 484+242-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	79.87	77.73	320	Pass
87	6385	78.80	79.44	320	Pass
135	6625	78.82	78.94	320	Pass
167	6785	78.21	76.45	320	Pass

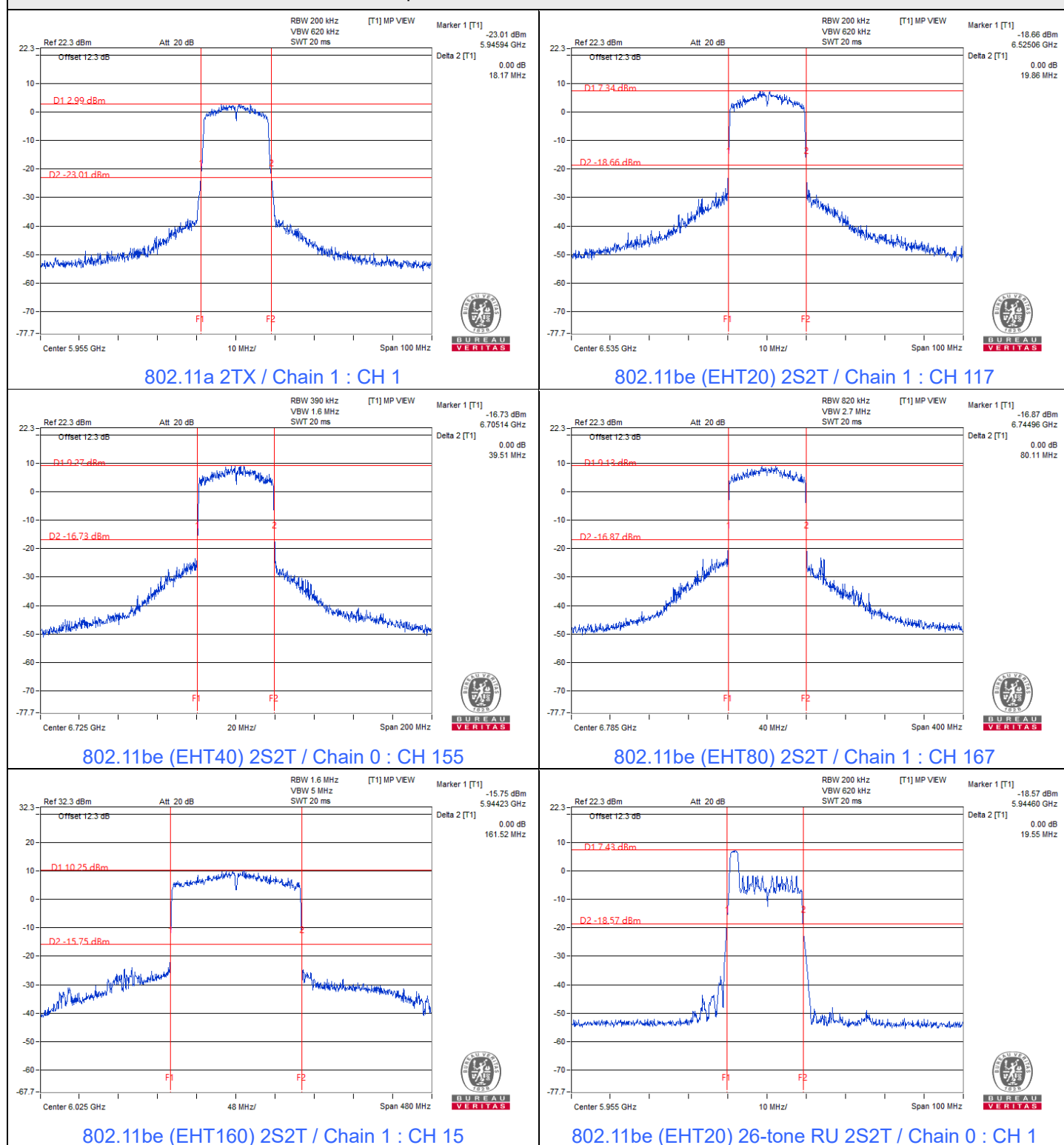
802.11be (EHT160) 996+484-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	122.02	121.82	320	Pass
79	6345	122.19	122.10	320	Pass
143	6665	121.88	121.60	320	Pass

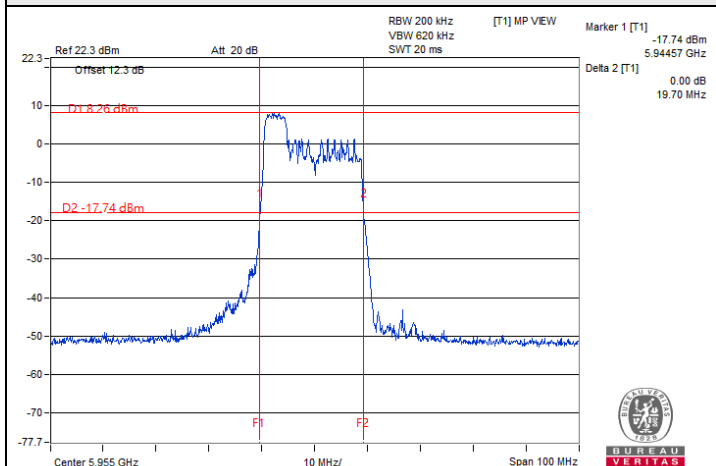
802.11be (EHT160) 996+484+242-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	159.92	159.93	320	Pass
79	6345	160.03	159.90	320	Pass
143	6665	159.68	159.59	320	Pass

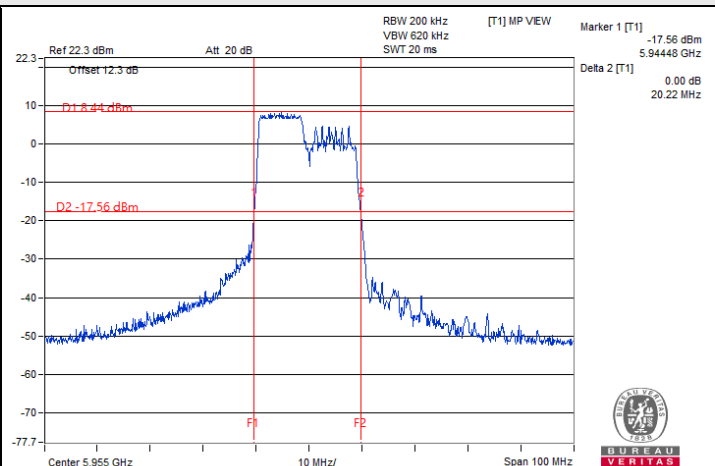
Spectrum Plot of Maximum Value



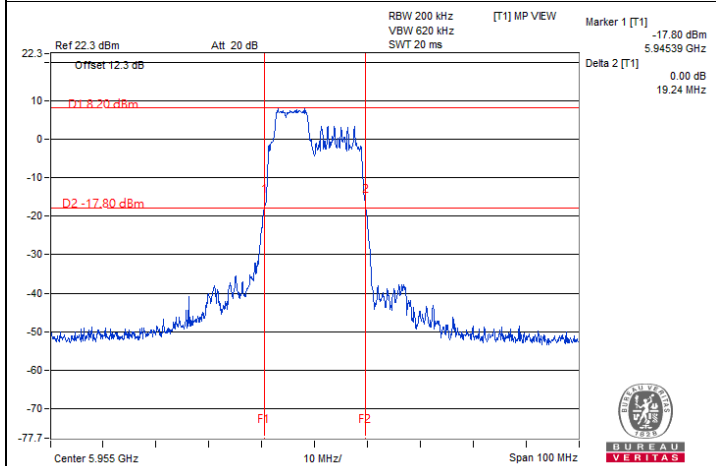
Spectrum Plot of Maximum Value



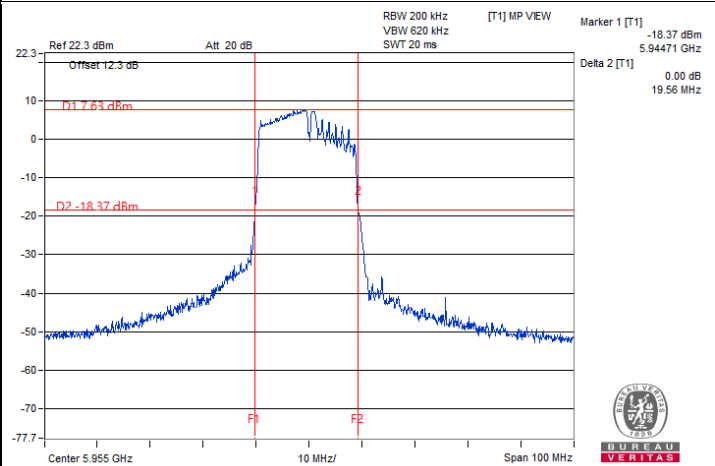
802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 1



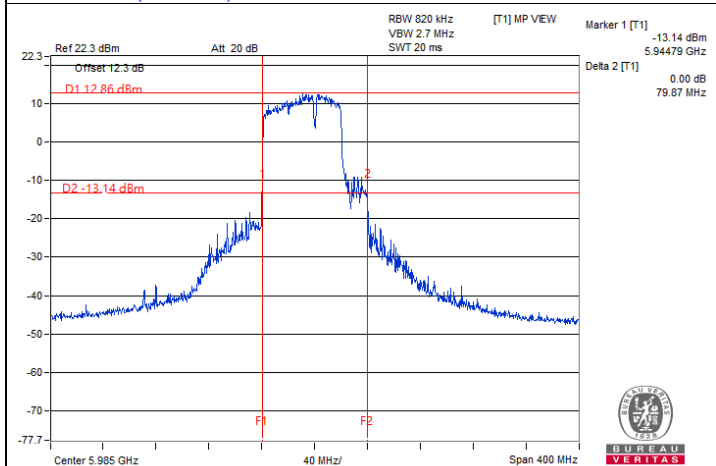
802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 1



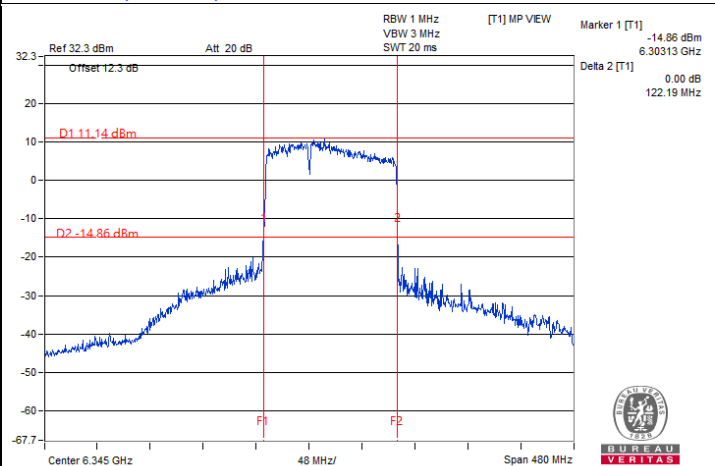
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0 : CH 1



802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 1

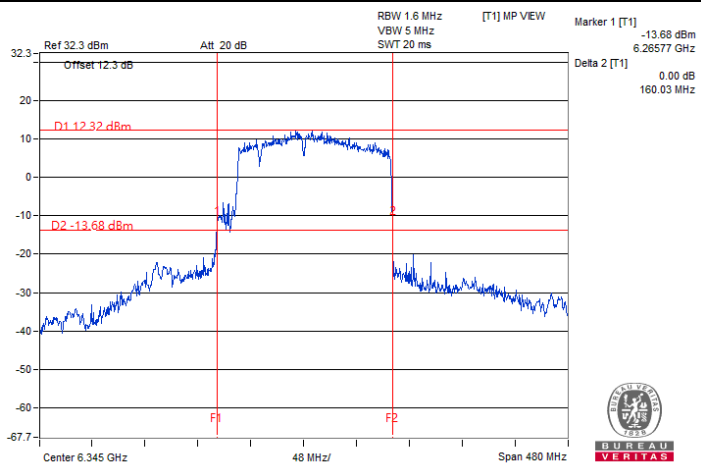


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0 : CH 7



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 0 : CH 79

Spectrum Plot of Maximum Value



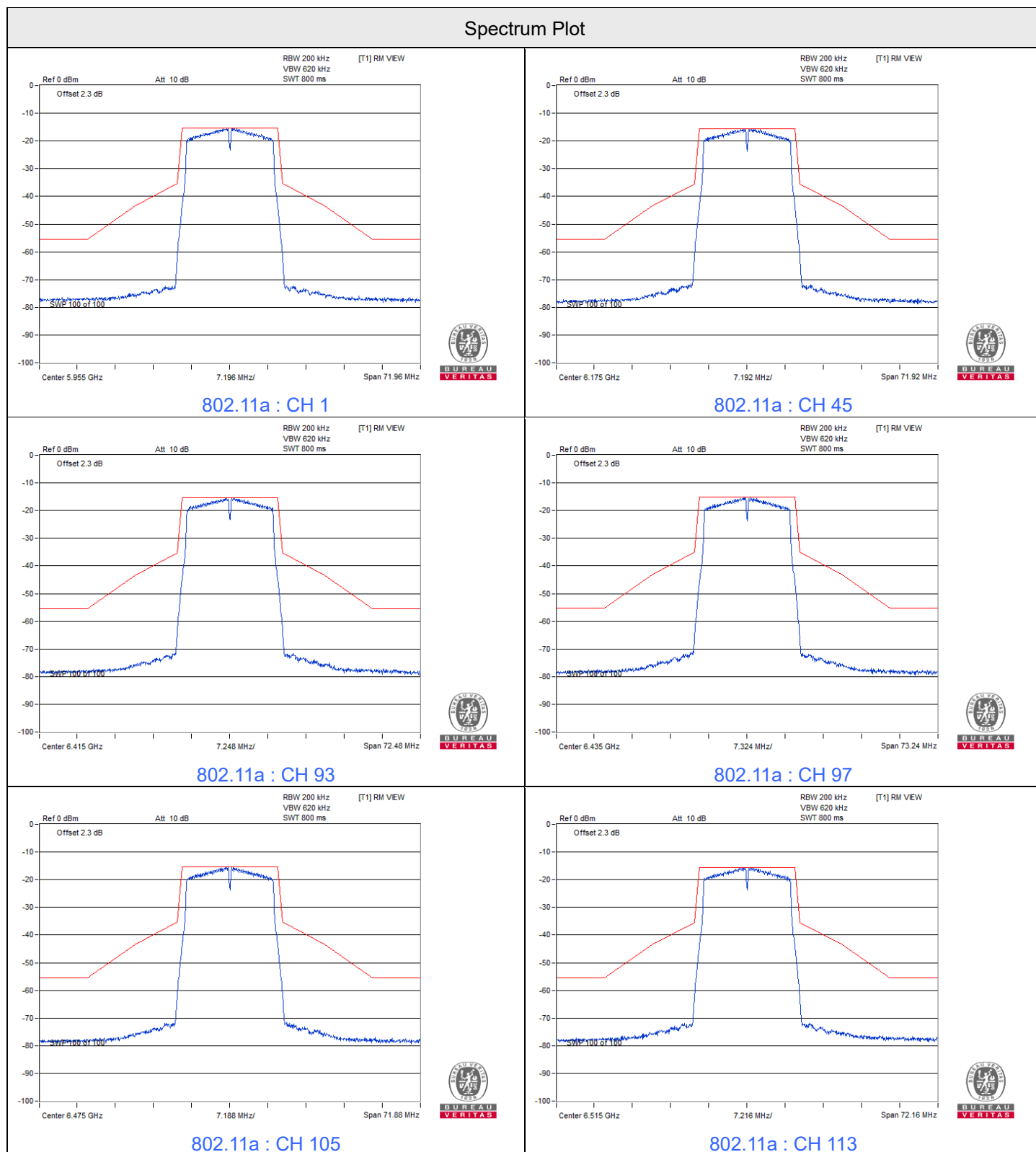
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
0 : CH 79

7.4 In-Band Emission Mask

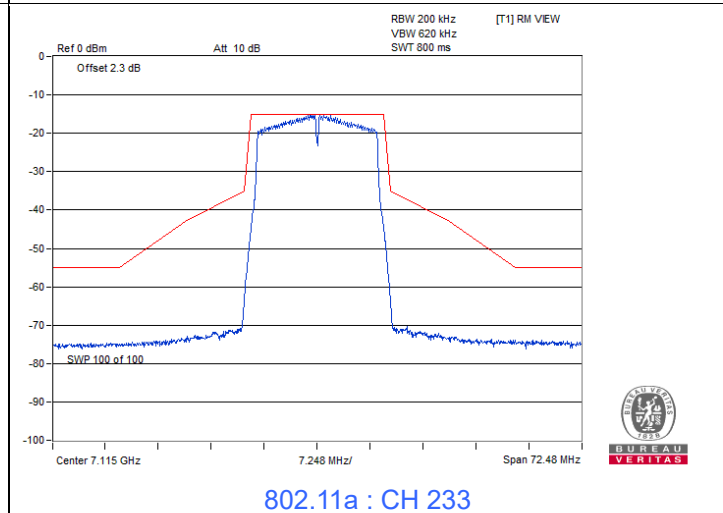
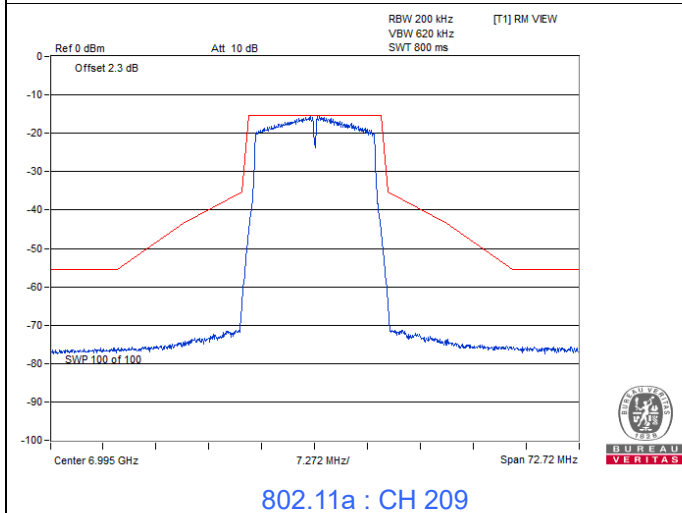
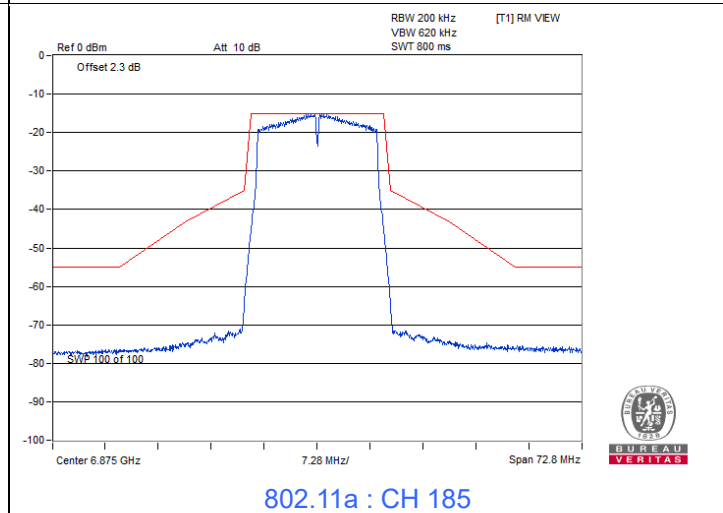
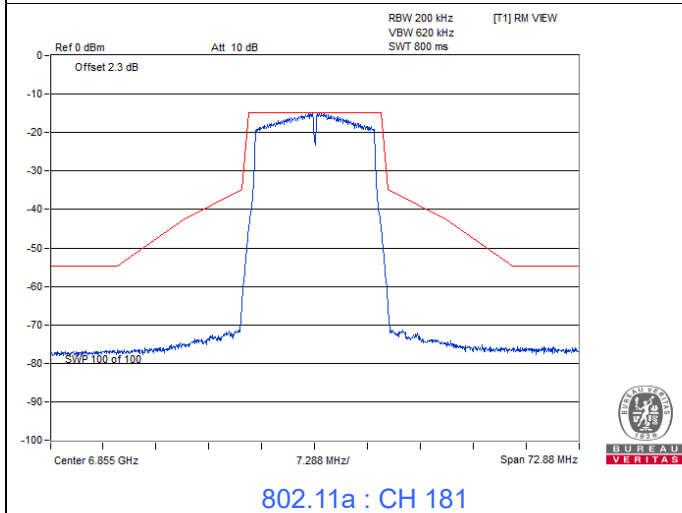
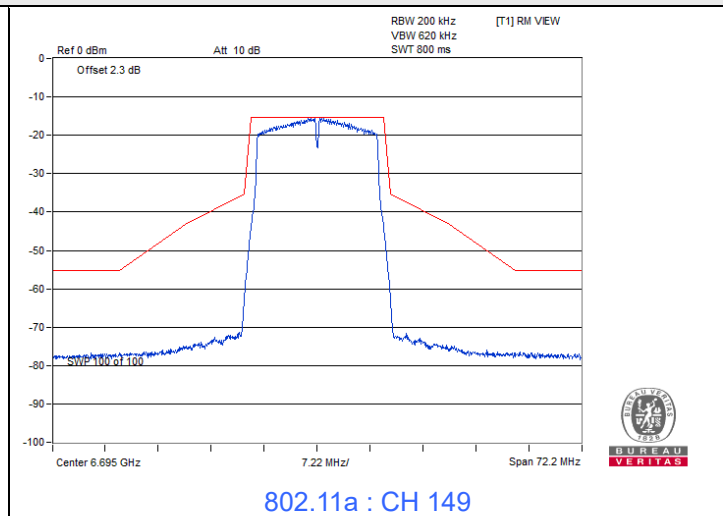
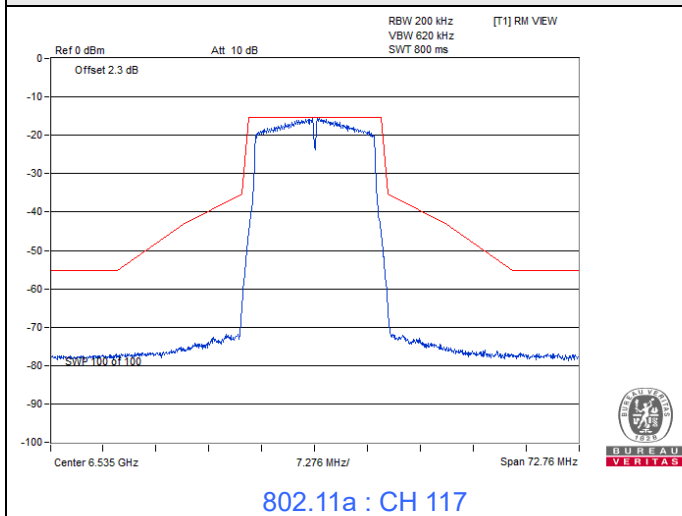
Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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under control of a low-power indoor AP

802.11a 1TX

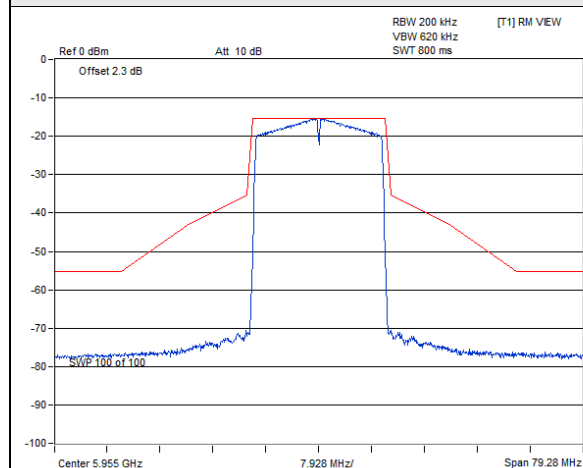


Spectrum Plot

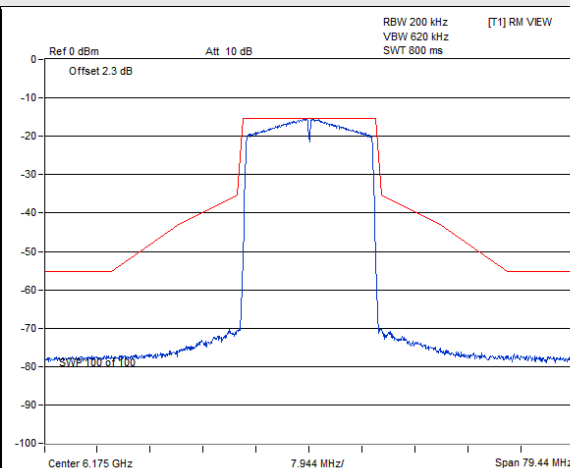


802.11be (EHT20) 1S1T

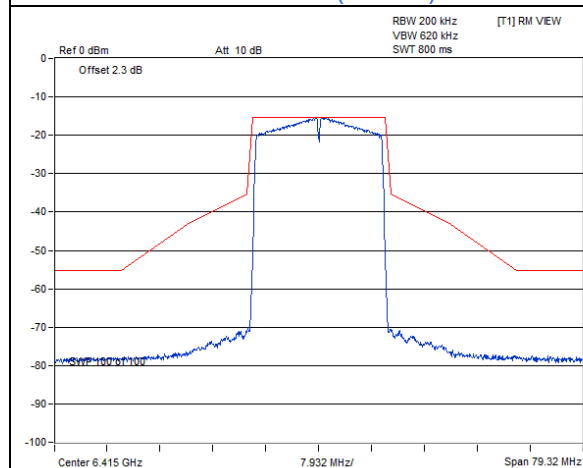
Spectrum Plot



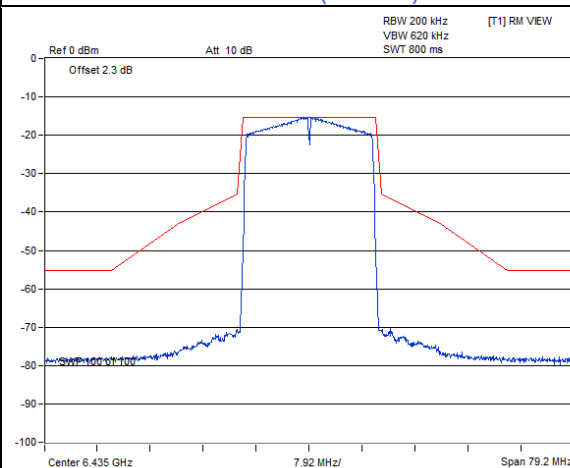
802.11be (EHT20) : CH 1



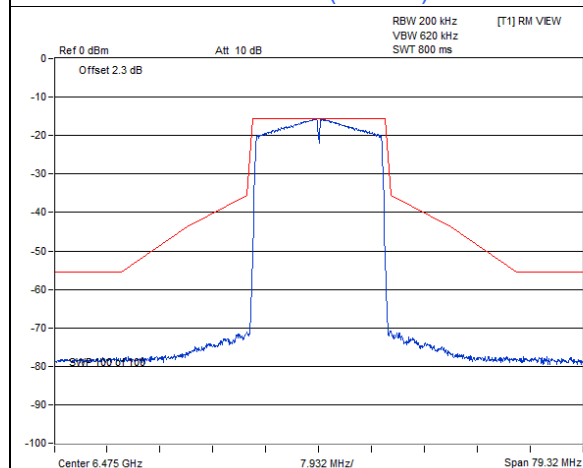
802.11be (EHT20) : CH 45



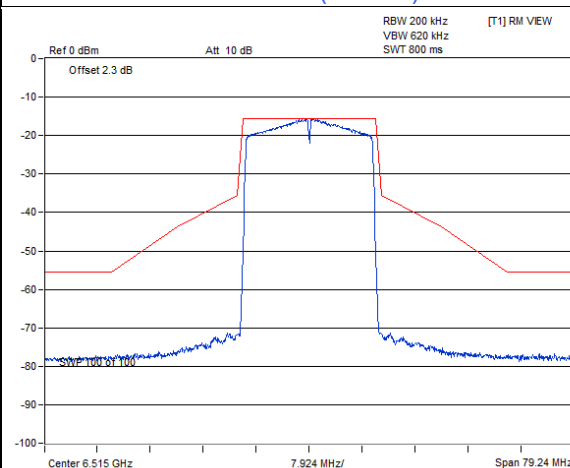
802.11be (EHT20) : CH 93



802.11be (EHT20) : CH 97

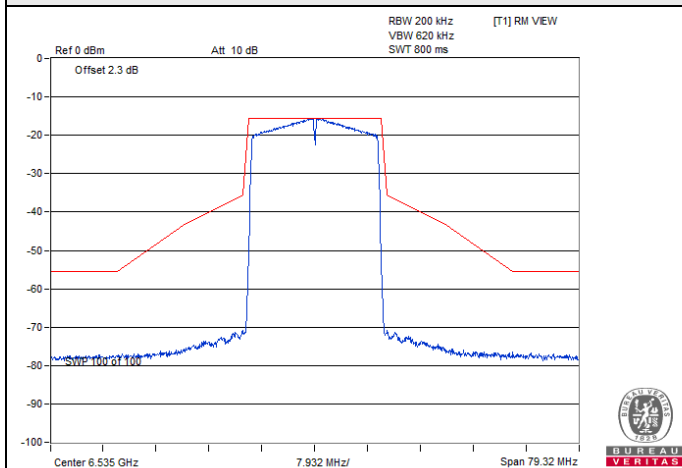


802.11be (EHT20) : CH 105

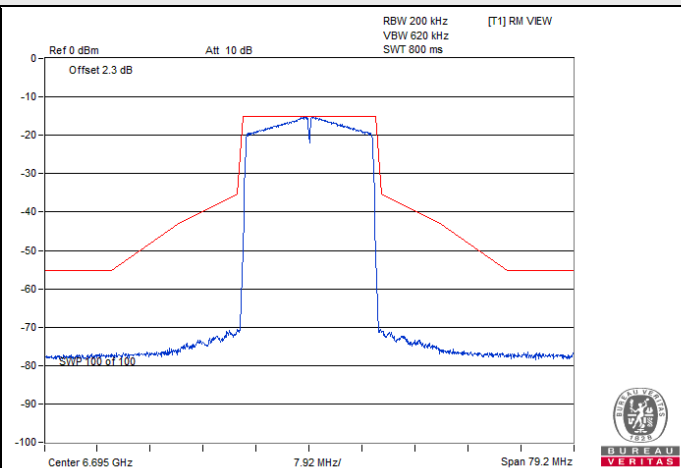


802.11be (EHT20) : CH 113

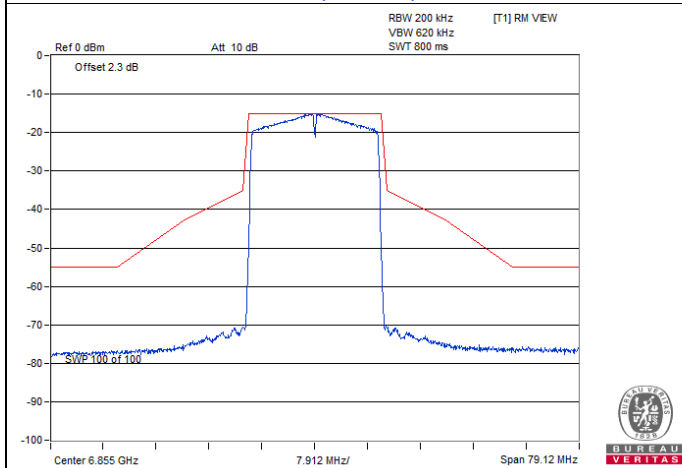
Spectrum Plot



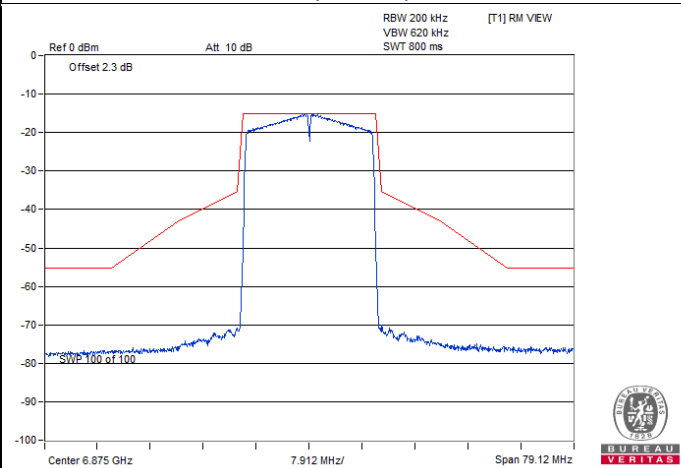
802.11be (EHT20) : CH 117



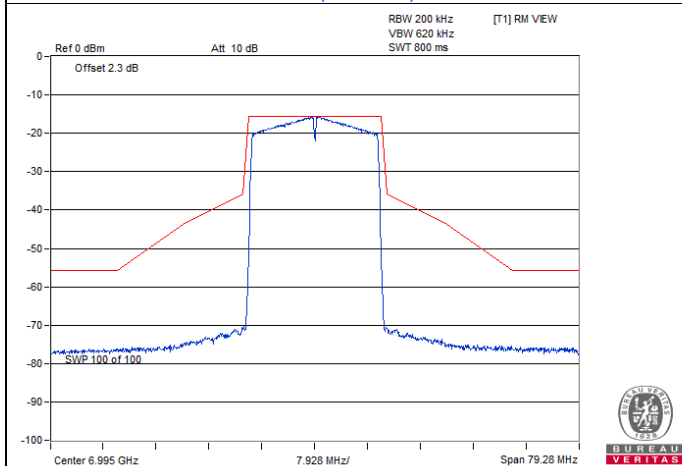
802.11be (EHT20) : CH 149



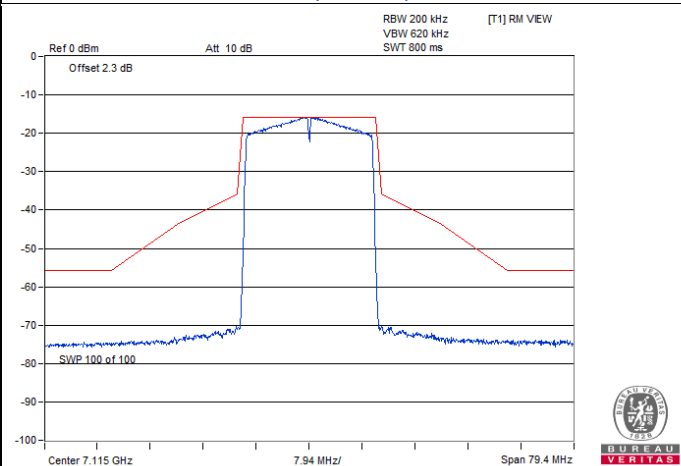
802.11be (EHT20) : CH 181



802.11be (EHT20) : CH 185



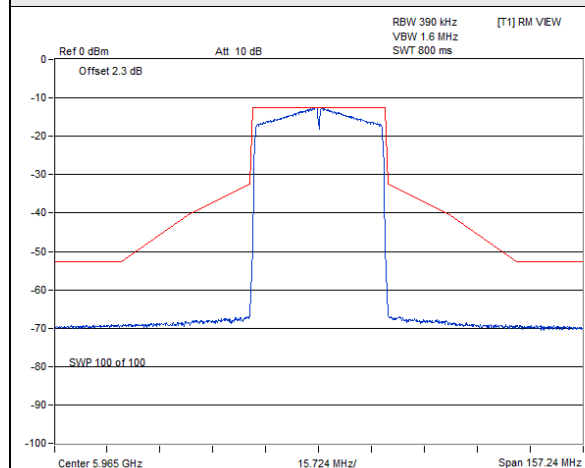
802.11be (EHT20) : CH 209



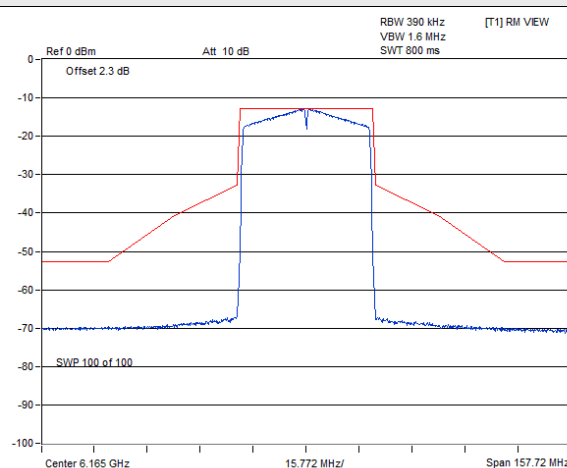
802.11be (EHT20) : CH 233

802.11be (EHT40) 1S1T

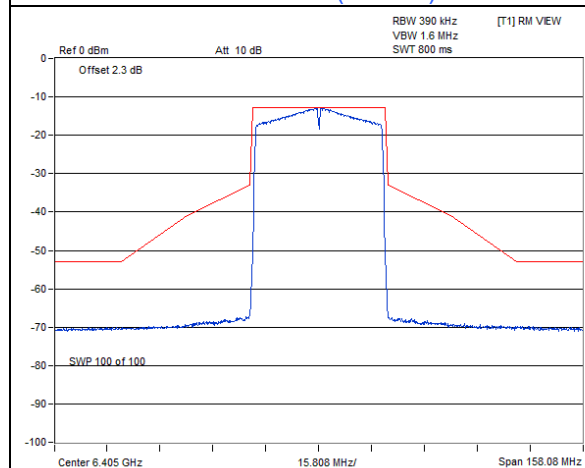
Spectrum Plot



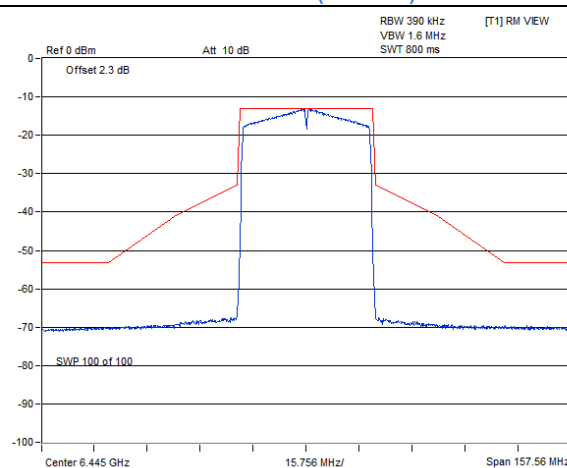
802.11be (EHT40) : CH 3



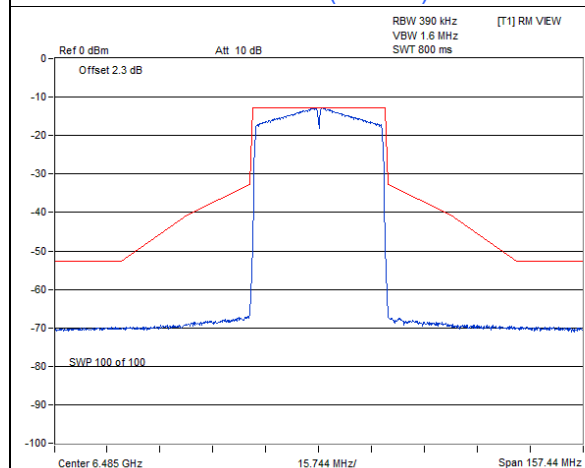
802.11be (EHT40) : CH 43



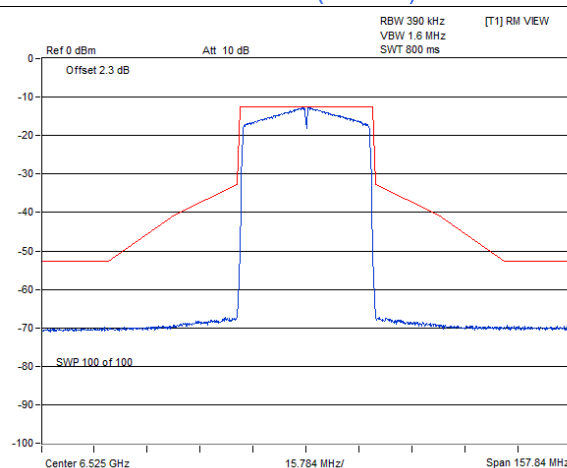
802.11be (EHT40) : CH 91



802.11be (EHT40) : CH 99

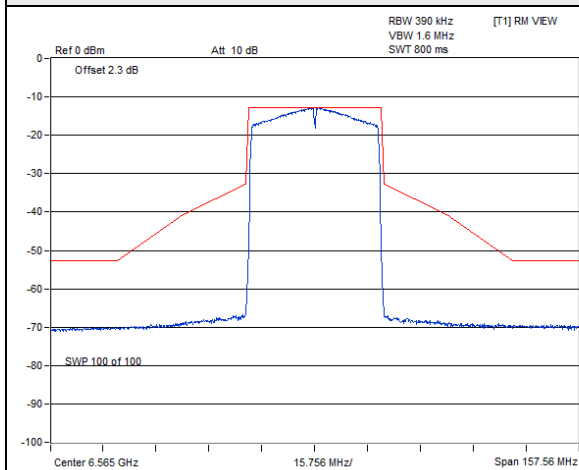


802.11be (EHT40) : CH 107

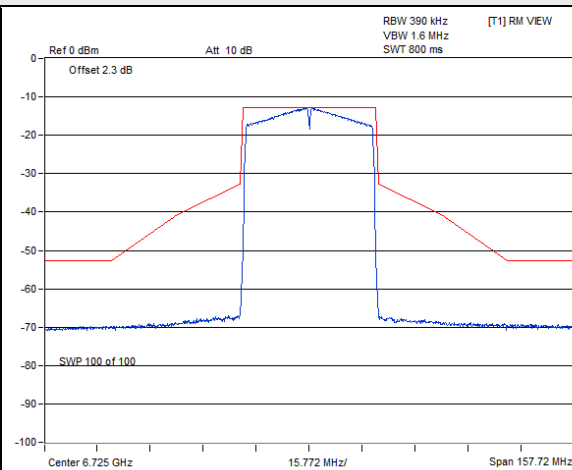


802.11be (EHT40) : CH 115

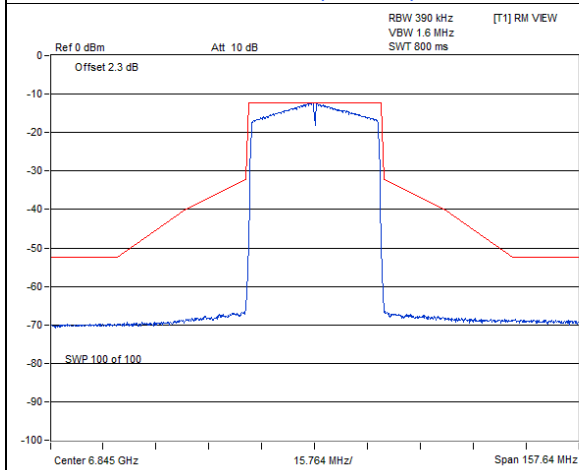
Spectrum Plot



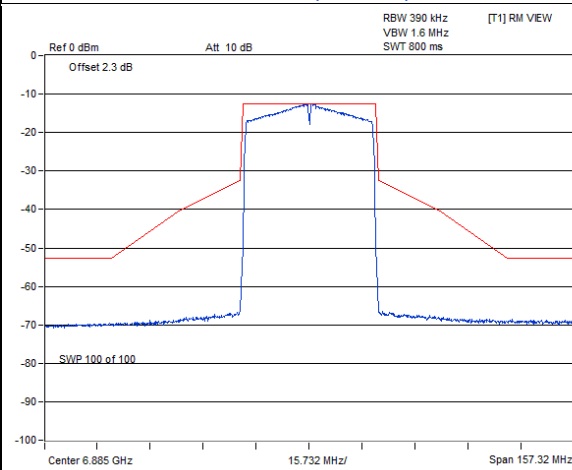
802.11be (EHT40) : CH 123



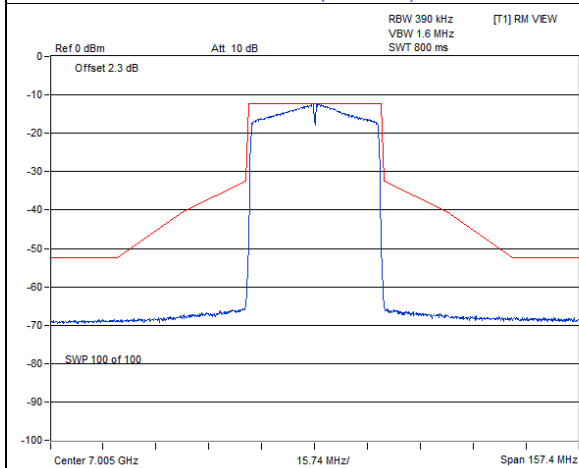
802.11be (EHT40) : CH 155



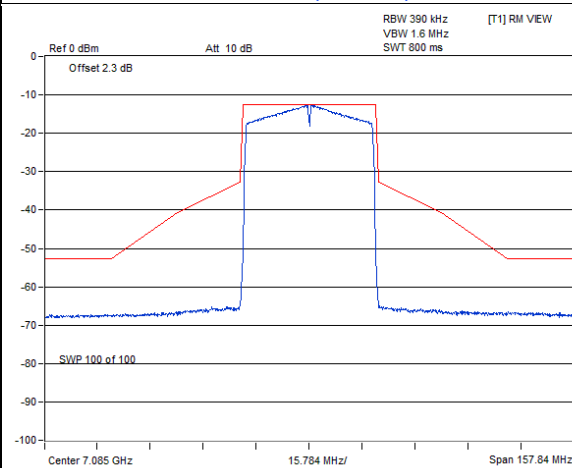
802.11be (EHT40) : CH 179



802.11be (EHT40) : CH 187



802.11be (EHT40) : CH 211

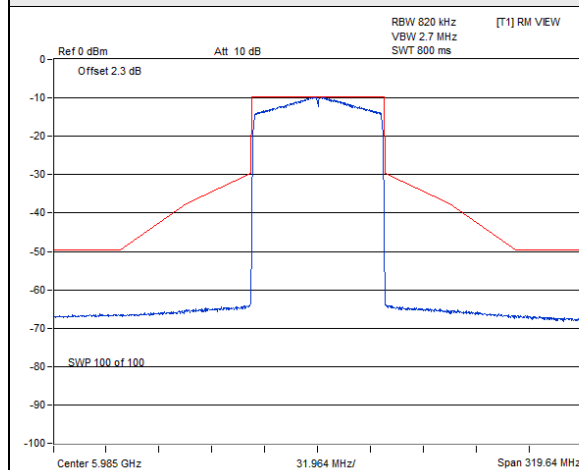


802.11be (EHT40) : CH 227

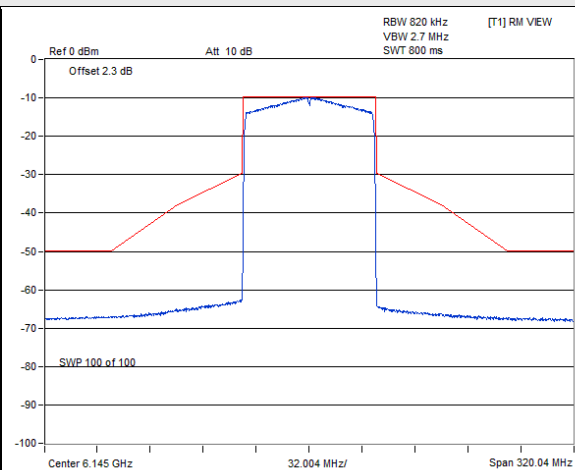


802.11be (EHT80) 1S1T

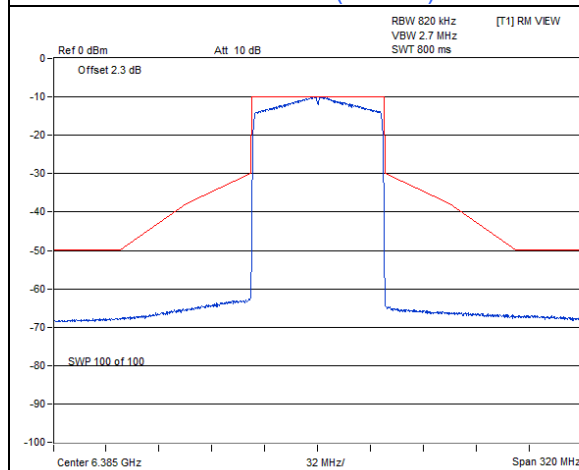
Spectrum Plot



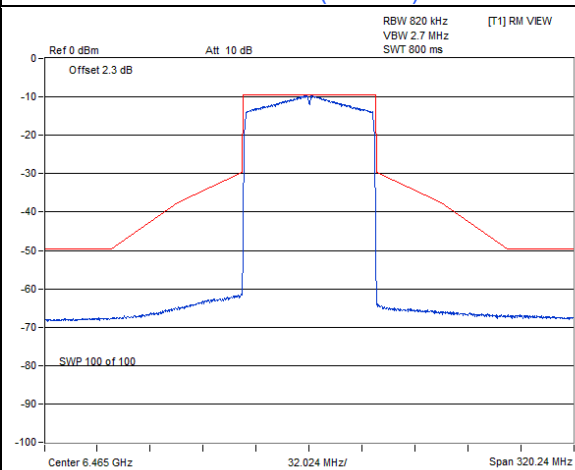
802.11be (EHT80) : CH 7



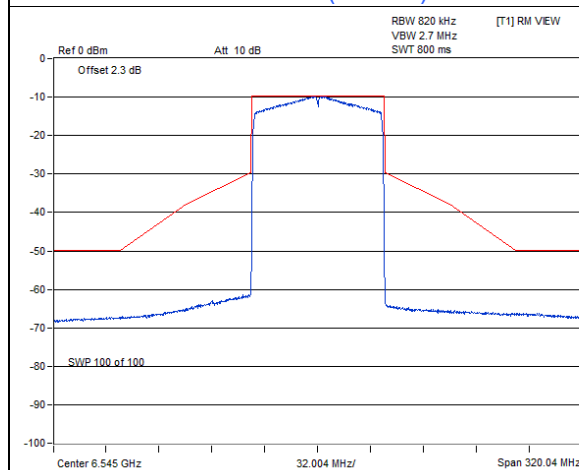
802.11be (EHT80) : CH 39



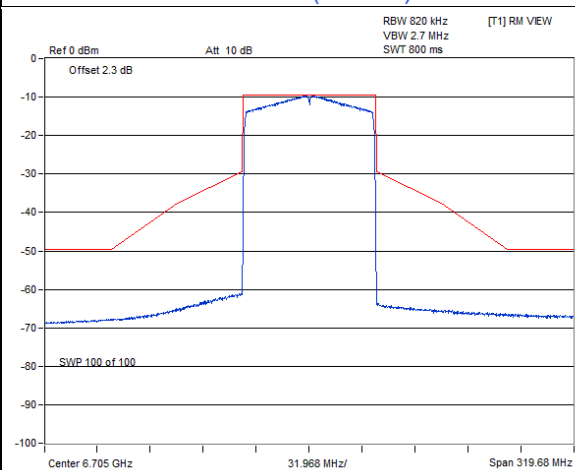
802.11be (EHT80) : CH 87



802.11be (EHT80) : CH 103

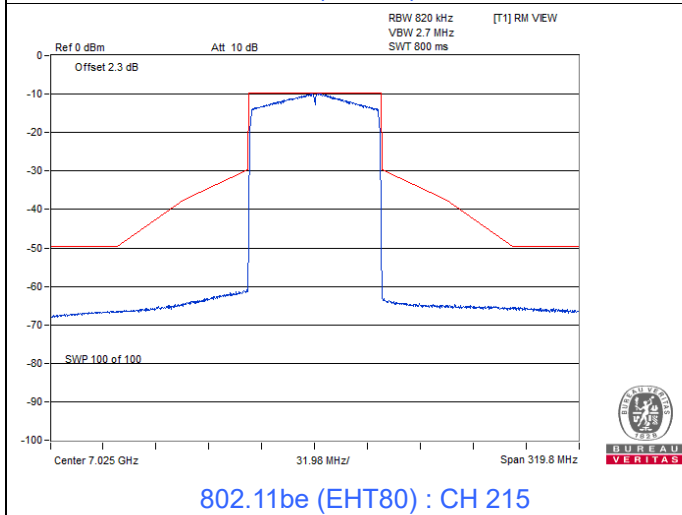
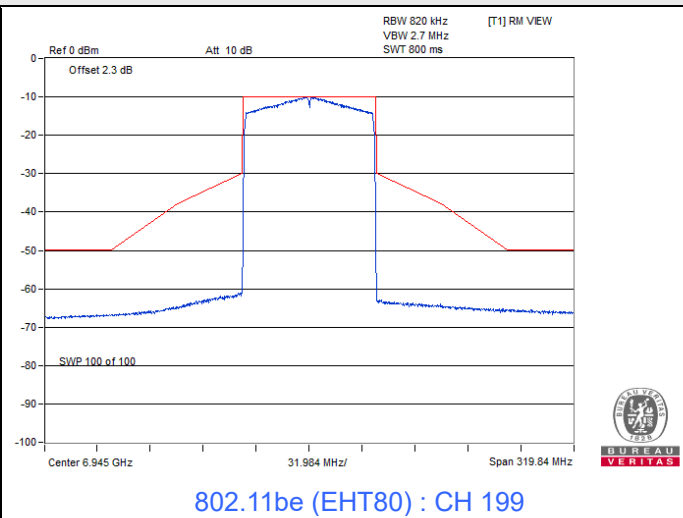
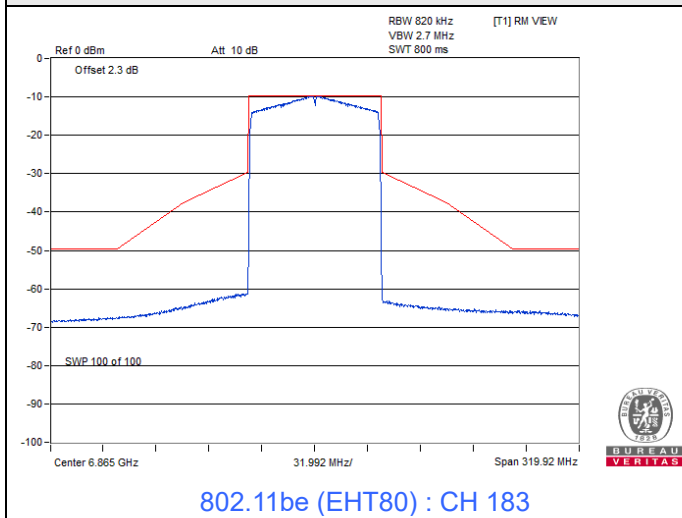


802.11be (EHT80) : CH 119



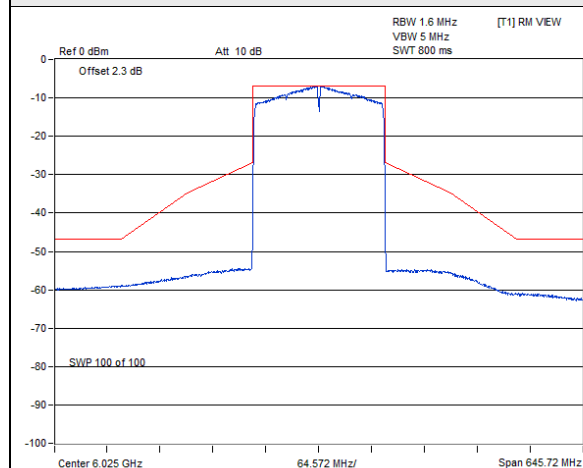
802.11be (EHT80) : CH 151

Spectrum Plot

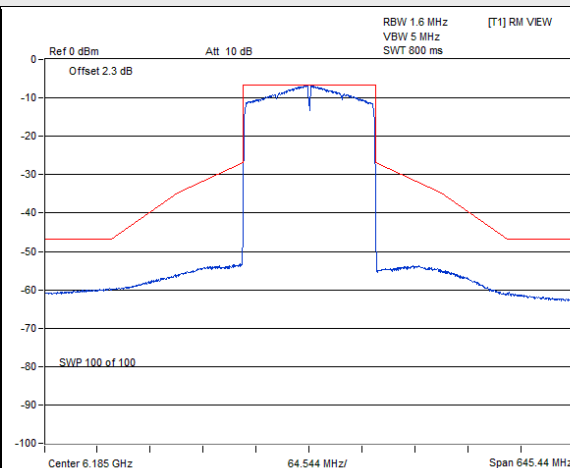


802.11be (EHT160) 1S1T

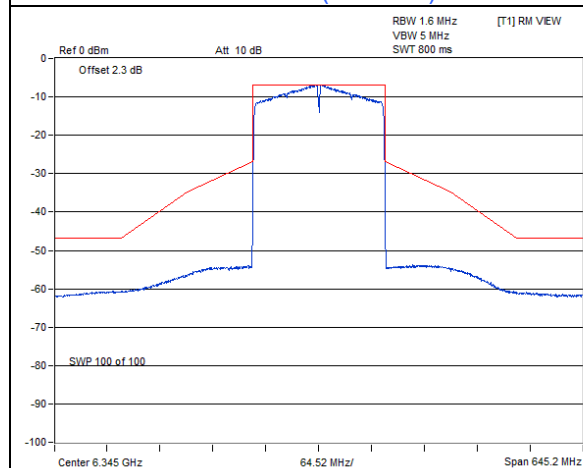
Spectrum Plot



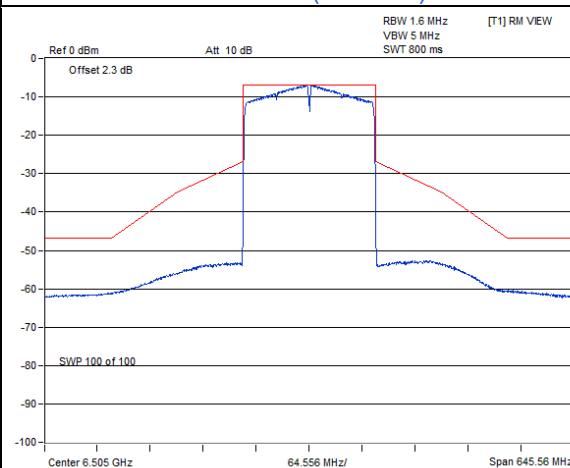
802.11be (EHT160) : CH 15



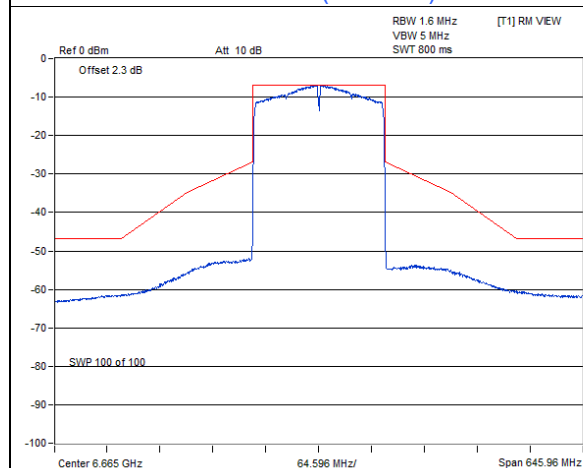
802.11be (EHT160) : CH 47



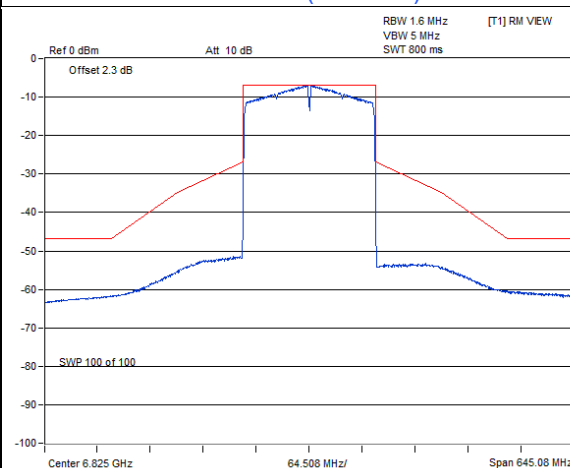
802.11be (EHT160) : CH 79



802.11be (EHT160) : CH 111

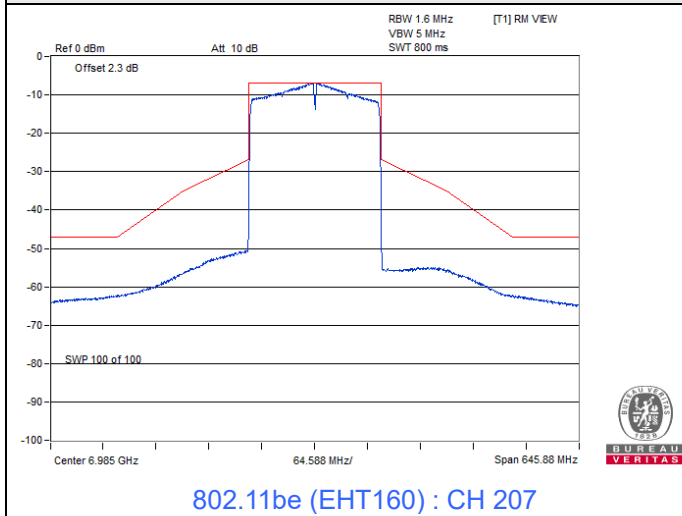


802.11be (EHT160) : CH 143



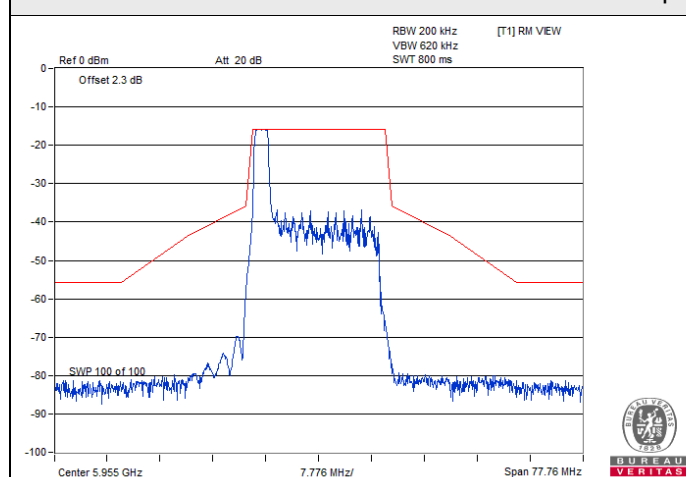
802.11be (EHT160) : CH 175

Spectrum Plot

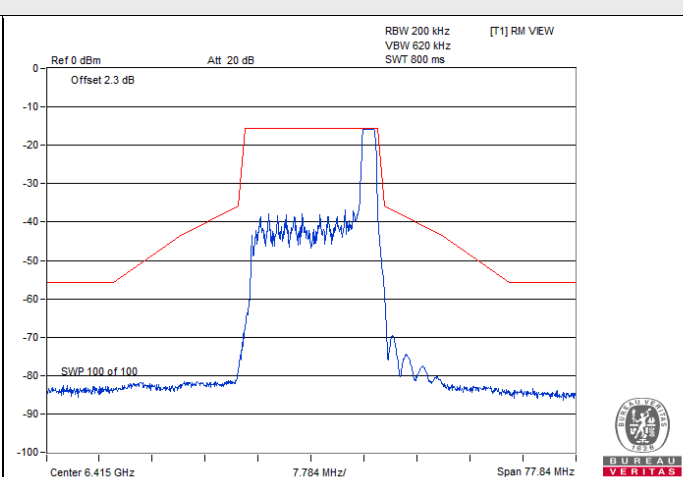


802.11be (EHT20) 26-tone RU 1S1T

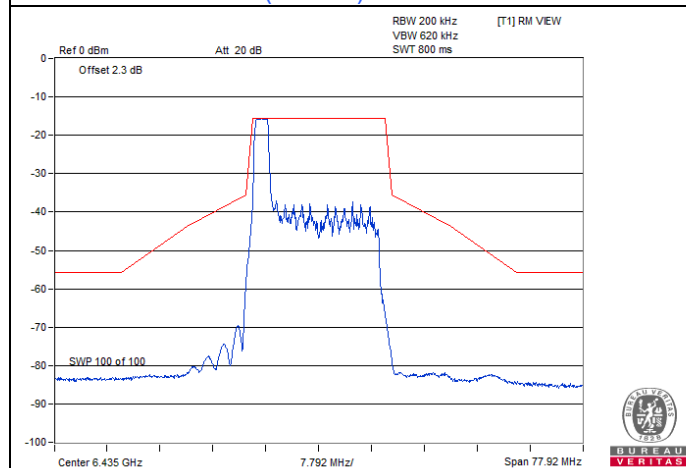
Spectrum Plot



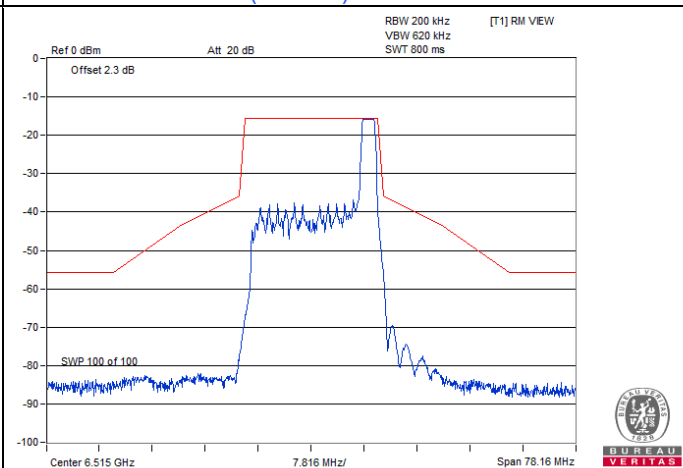
802.11be (EHT20) 26-tone RU : CH 1



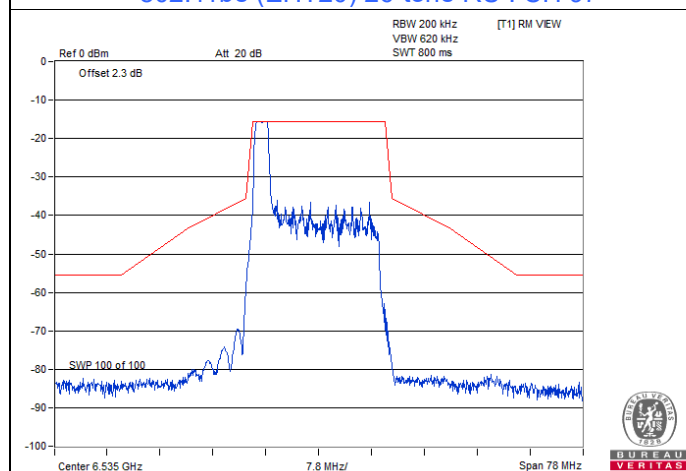
802.11be (EHT20) 26-tone RU : CH 93



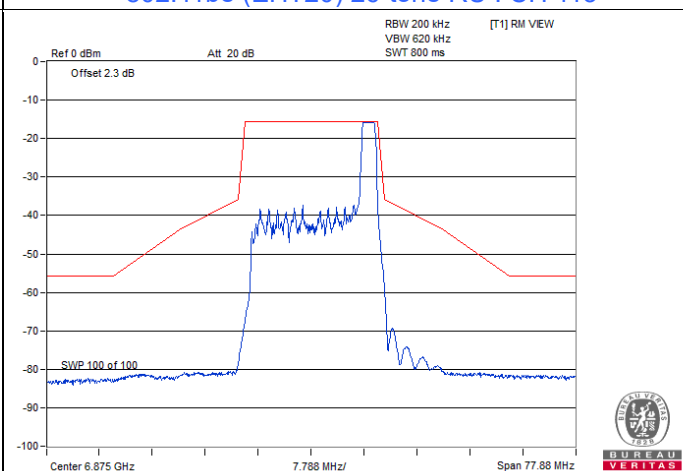
802.11be (EHT20) 26-tone RU : CH 97



802.11be (EHT20) 26-tone RU : CH 113

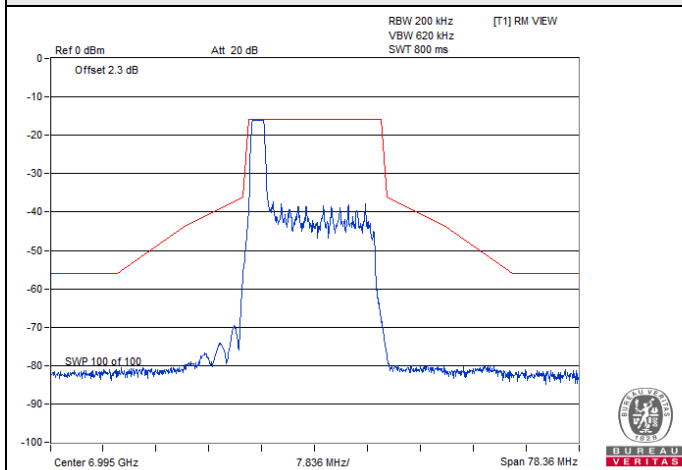


802.11be (EHT20) 26-tone RU : CH 117

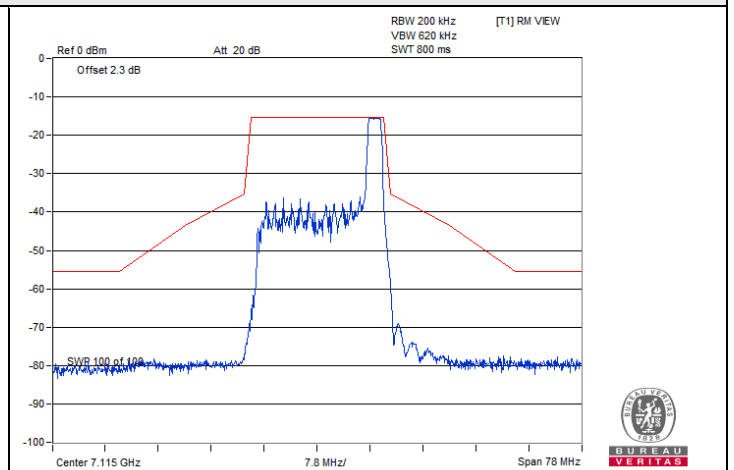


802.11be (EHT20) 26-tone RU : CH 185

Spectrum Plot



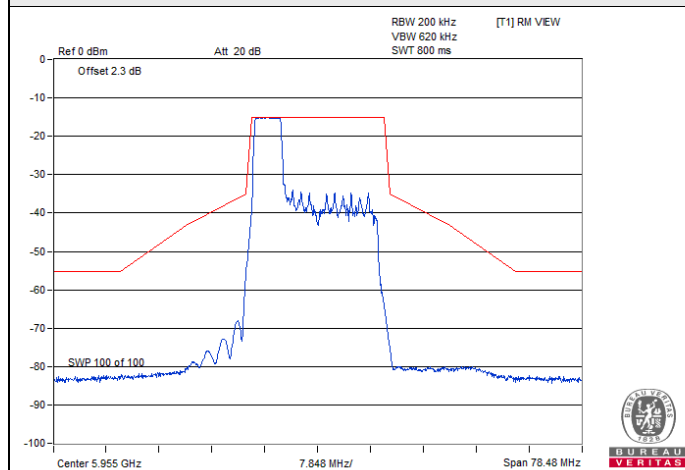
802.11be (EHT20) 26-tone RU : CH 209



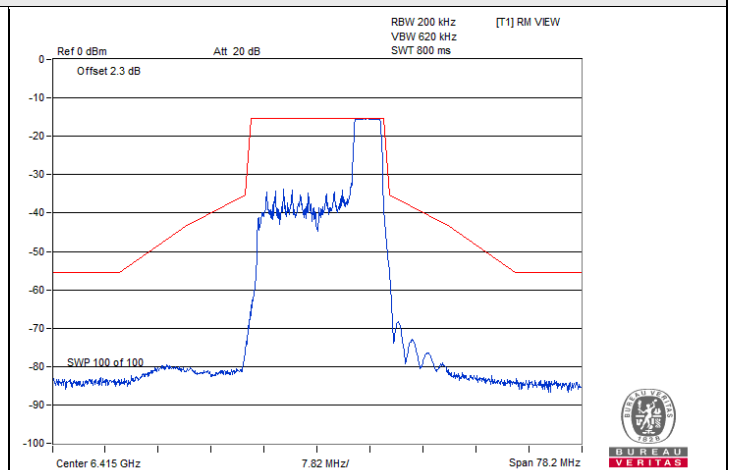
802.11be (EHT20) 26-tone RU : CH 233

802.11be (EHT20) 52-tone RU 1S1T

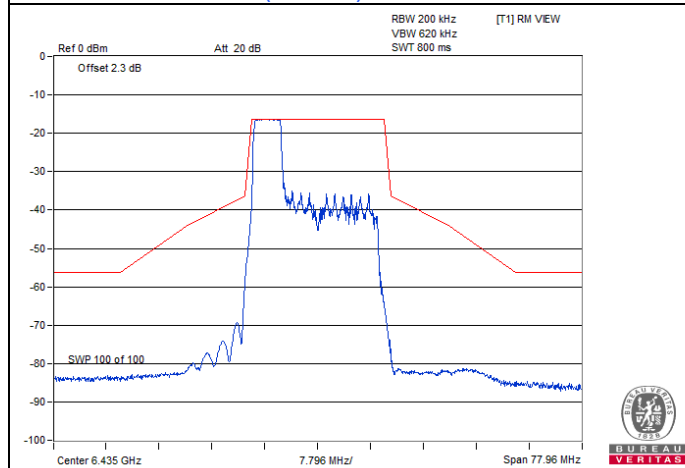
Spectrum Plot



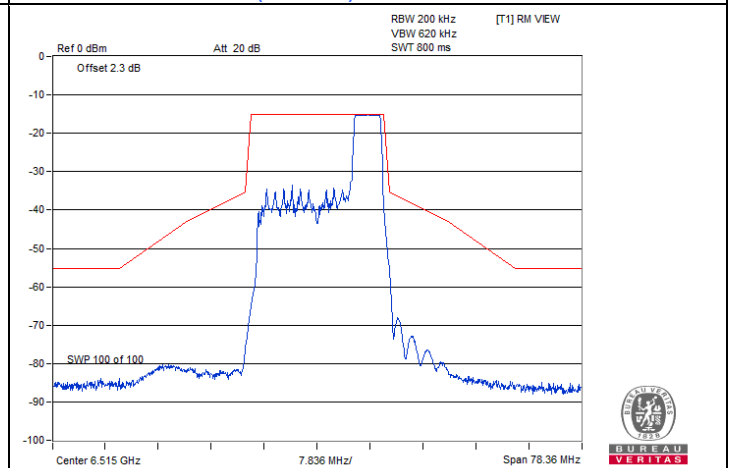
802.11be (EHT20) 52-tone RU : CH 1



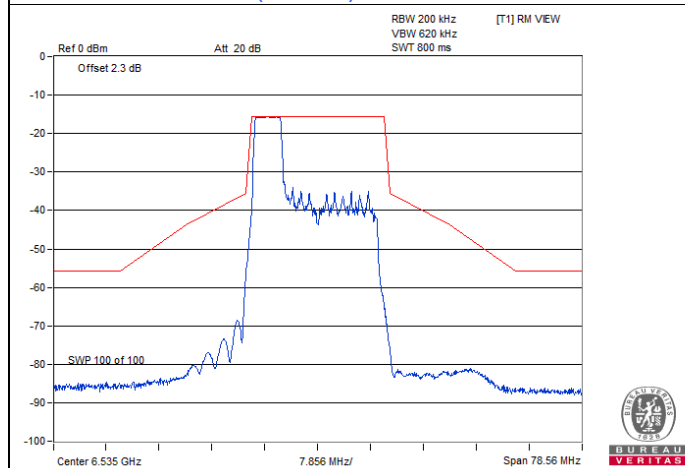
802.11be (EHT20) 52-tone RU : CH 93



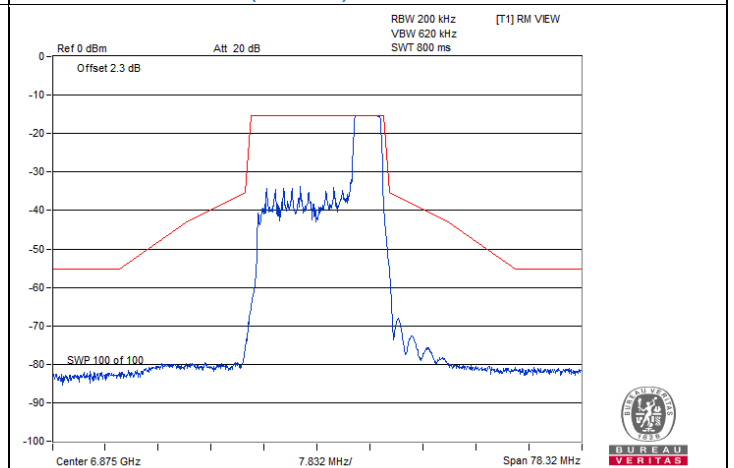
802.11be (EHT20) 52-tone RU : CH 97



802.11be (EHT20) 52-tone RU : CH 113

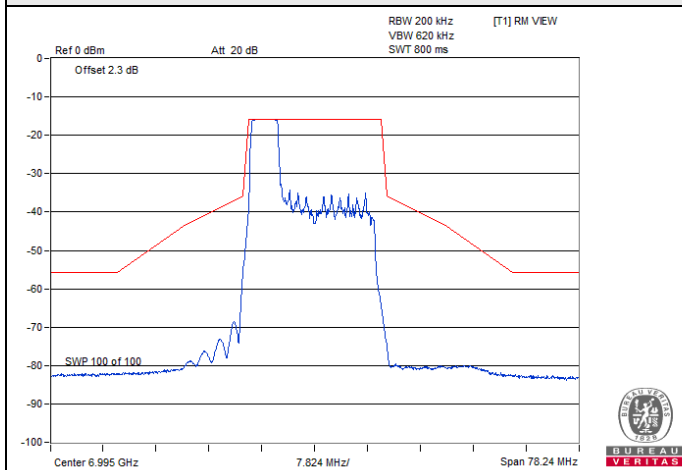


802.11be (EHT20) 52-tone RU : CH 117

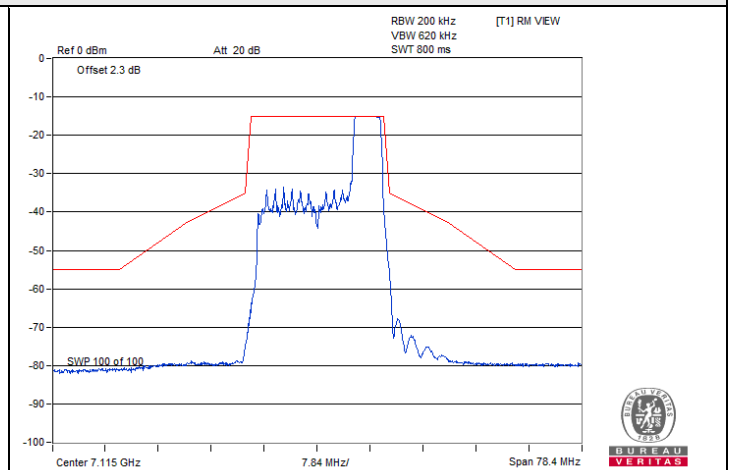


802.11be (EHT20) 52-tone RU : CH 185

Spectrum Plot



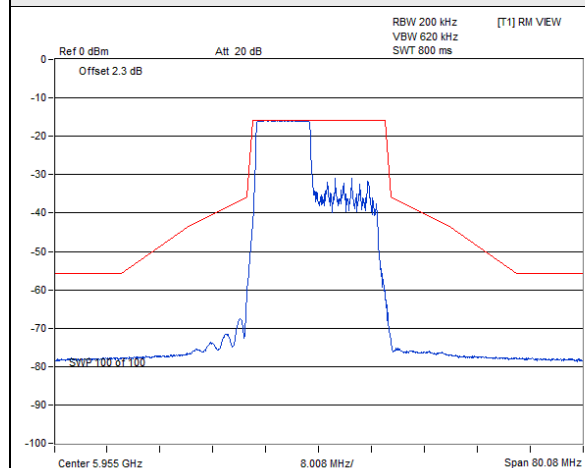
802.11be (EHT20) 52-tone RU : CH 209



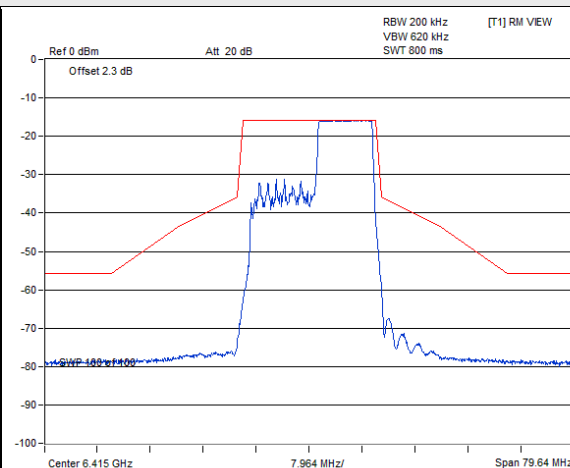
802.11be (EHT20) 52-tone RU : CH 233

802.11be (EHT20) 106-tone RU 1S1T

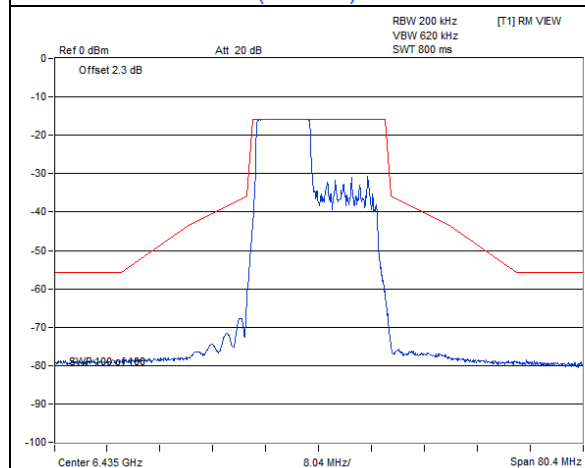
Spectrum Plot



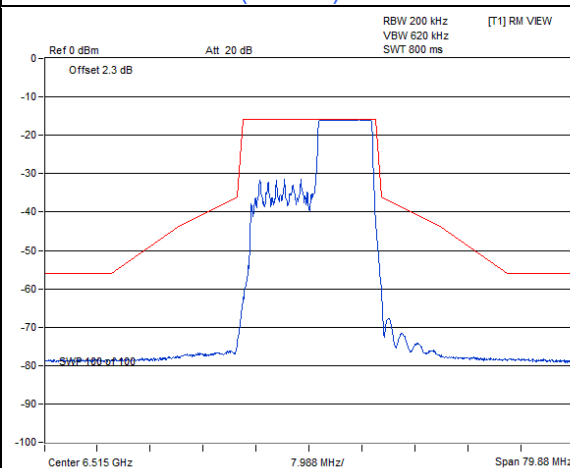
802.11be (EHT20) 106-tone RU : CH 1



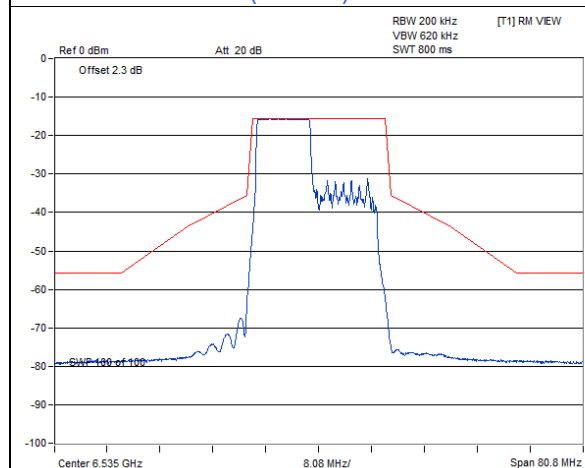
802.11be (EHT20) 106-tone RU : CH 93



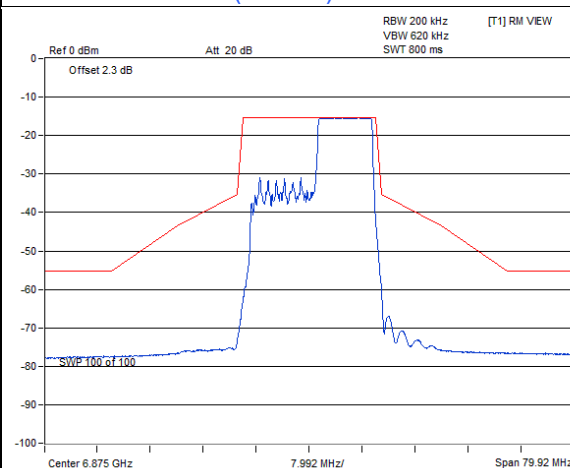
802.11be (EHT20) 106-tone RU : CH 97



802.11be (EHT20) 106-tone RU : CH 113

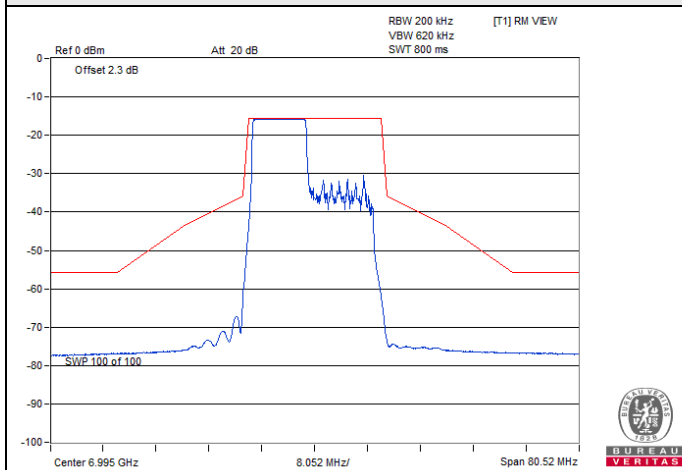


802.11be (EHT20) 106-tone RU : CH 117

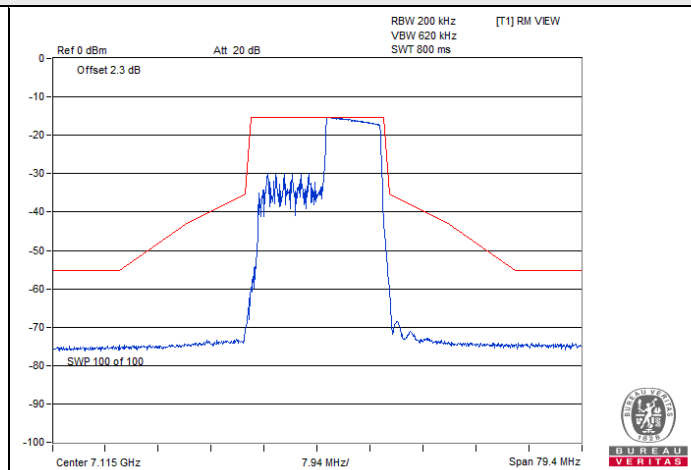


802.11be (EHT20) 106-tone RU : CH 185

Spectrum Plot



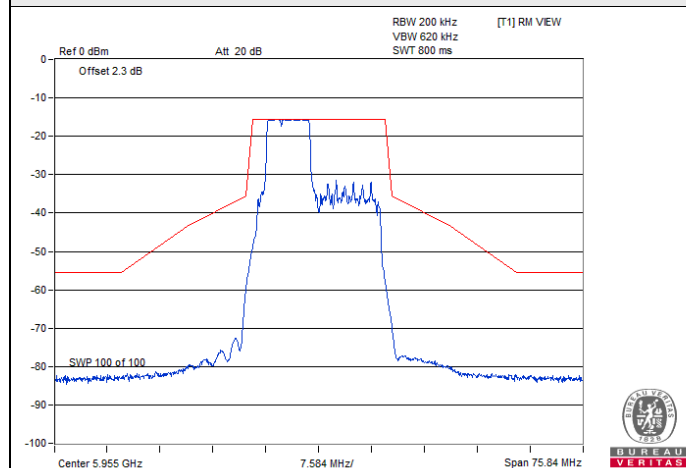
802.11be (EHT20) 106-tone RU : CH 209



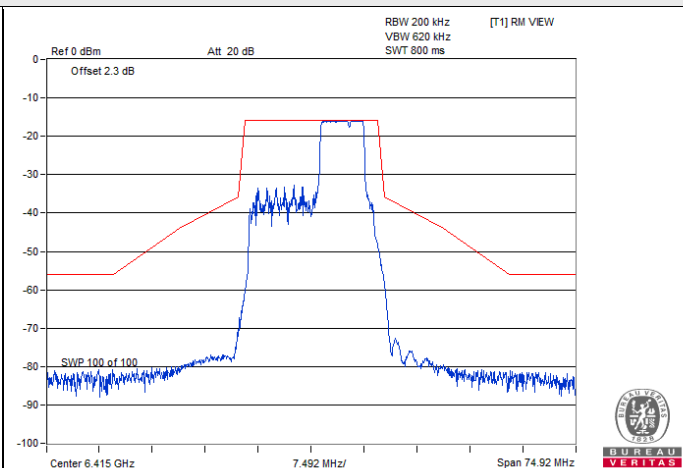
802.11be (EHT20) 106-tone RU : CH 233

802.11be (EHT20) 52+26-tone MRU 1S1T

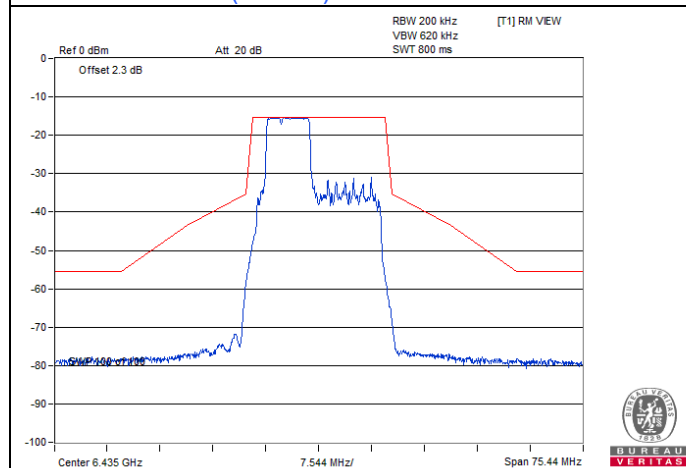
Spectrum Plot



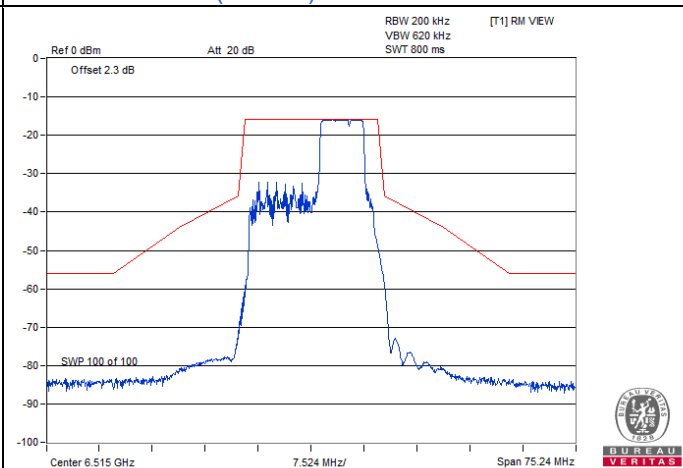
802.11be (EHT20) 52+26-tone MRU : CH 1



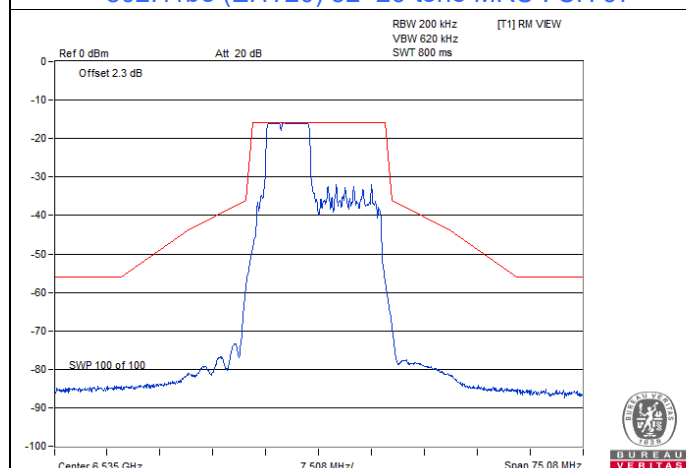
802.11be (EHT20) 52+26-tone MRU : CH 93



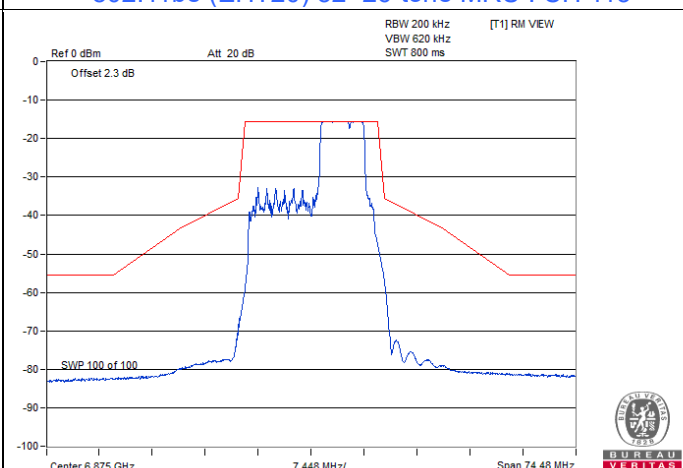
802.11be (EHT20) 52+26-tone MRU : CH 97



802.11be (EHT20) 52+26-tone MRU : CH 113

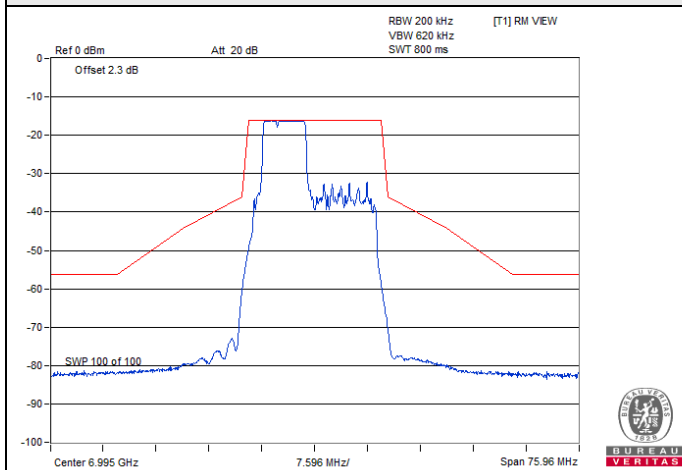


802.11be (EHT20) 52+26-tone MRU : CH 117

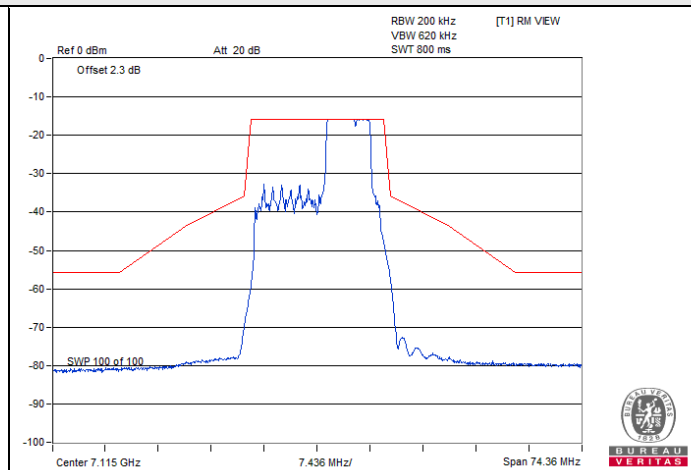


802.11be (EHT20) 52+26-tone MRU : CH 185

Spectrum Plot



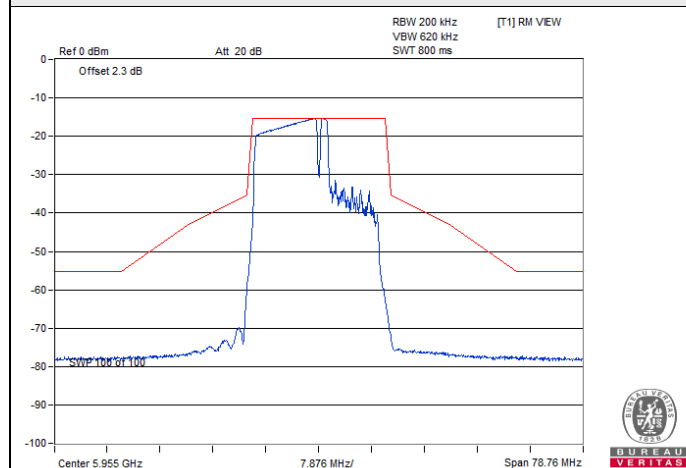
802.11be (EHT20) 52+26-tone MRU : CH 209



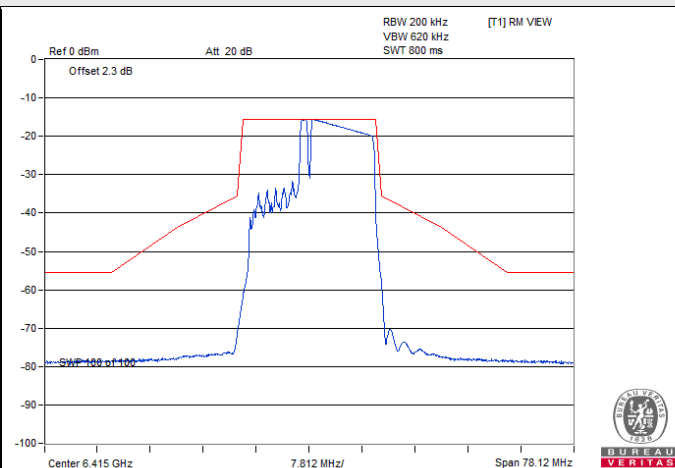
802.11be (EHT20) 52+26-tone MRU : CH 233

802.11be (EHT20) 106+26-tone MRU 1S1T

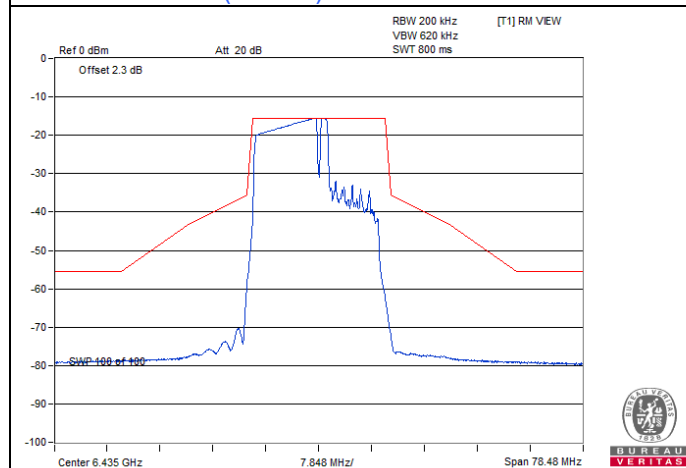
Spectrum Plot



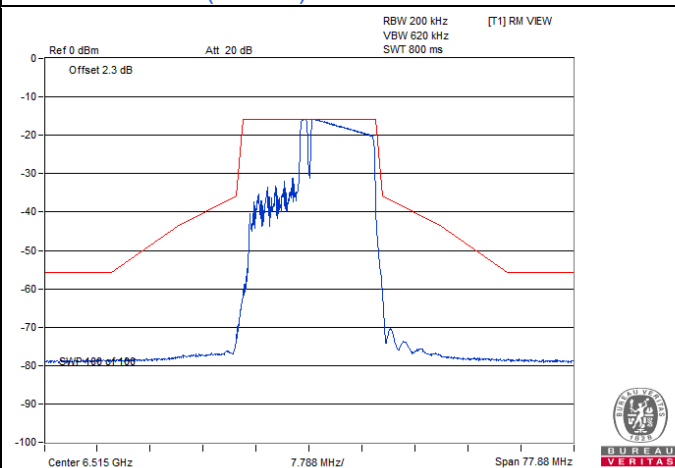
802.11be (EHT20) 106+26-tone MRU : CH 1



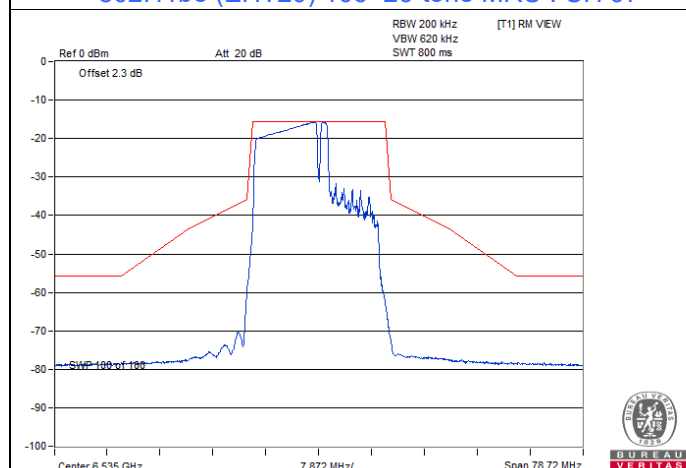
802.11be (EHT20) 106+26-tone MRU : CH 93



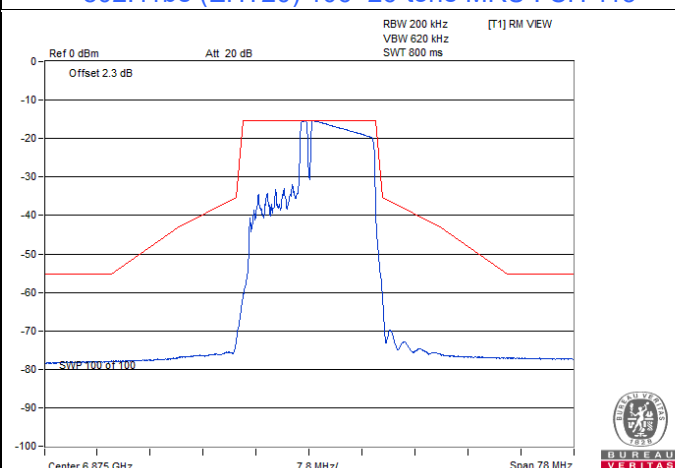
802.11be (EHT20) 106+26-tone MRU : CH 97



802.11be (EHT20) 106+26-tone MRU : CH 113

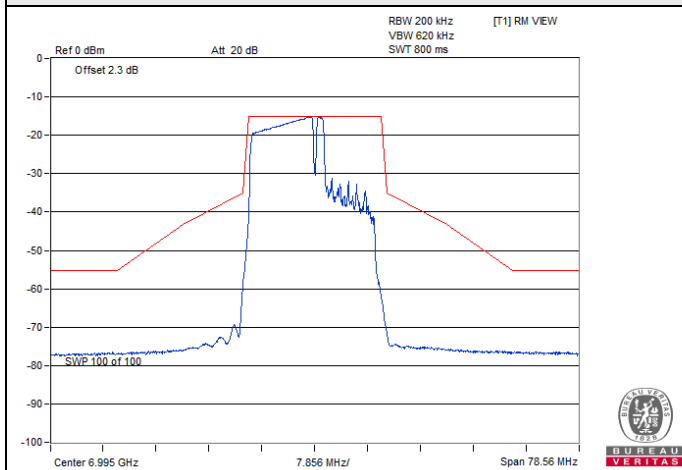


802.11be (EHT20) 106+26-tone MRU : CH 117

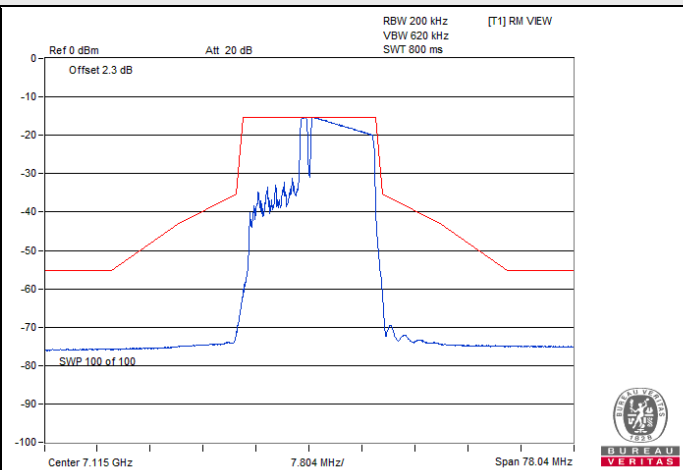


802.11be (EHT20) 106+26-tone MRU : CH 185

Spectrum Plot



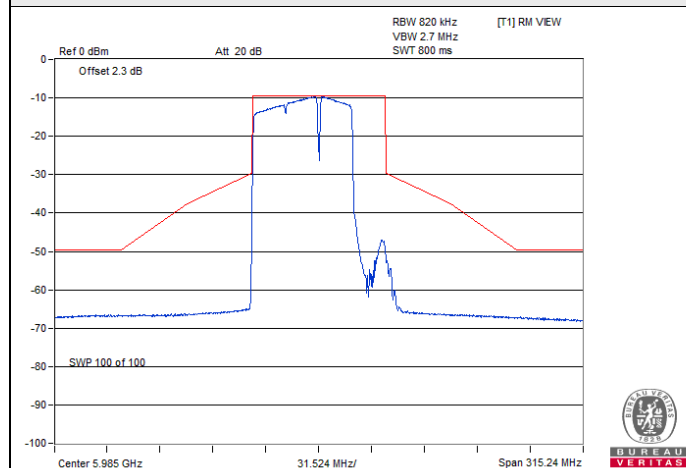
802.11be (EHT20) 106+26-tone MRU : CH 209



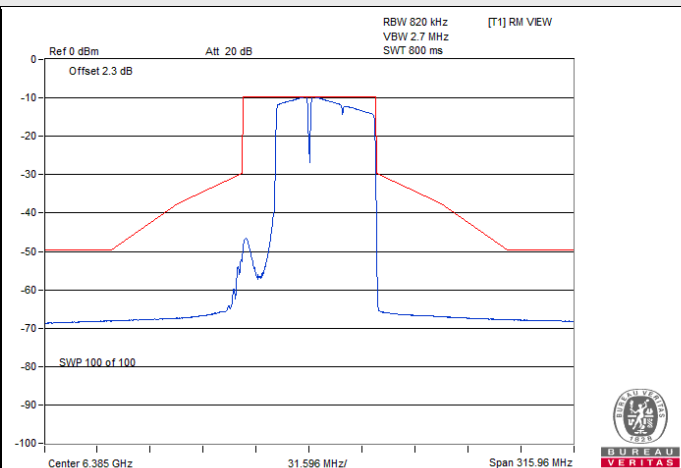
802.11be (EHT20) 106+26-tone MRU : CH 233

802.11be (EHT80) 484+242-tone MRU 1S1T

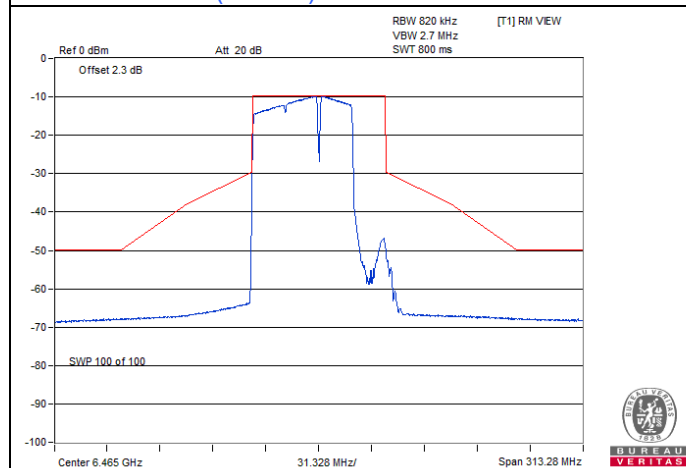
Spectrum Plot



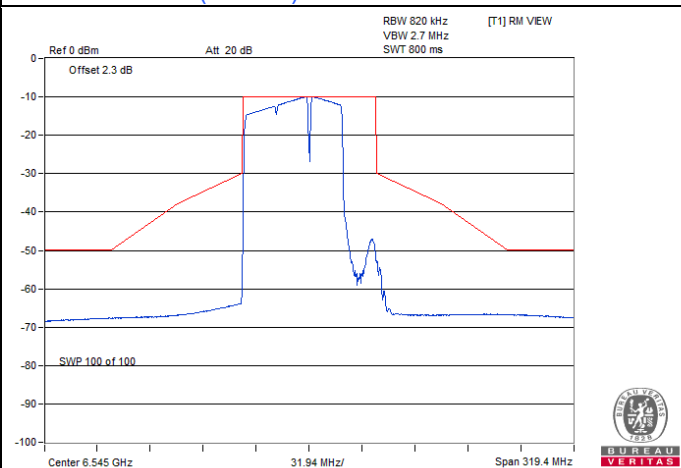
802.11be (EHT80) 484+242-tone MRU : CH 7



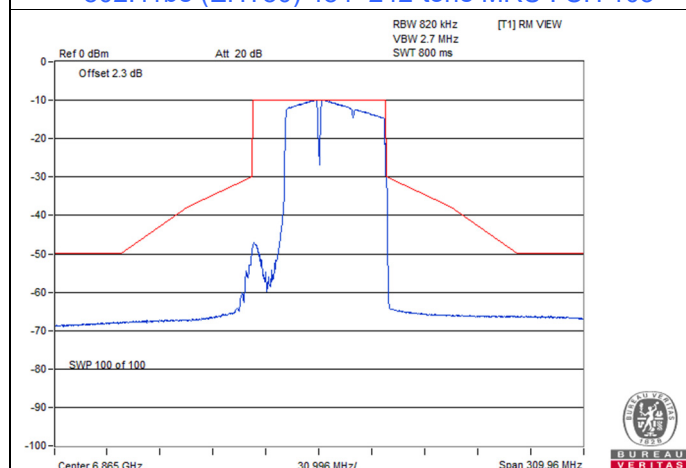
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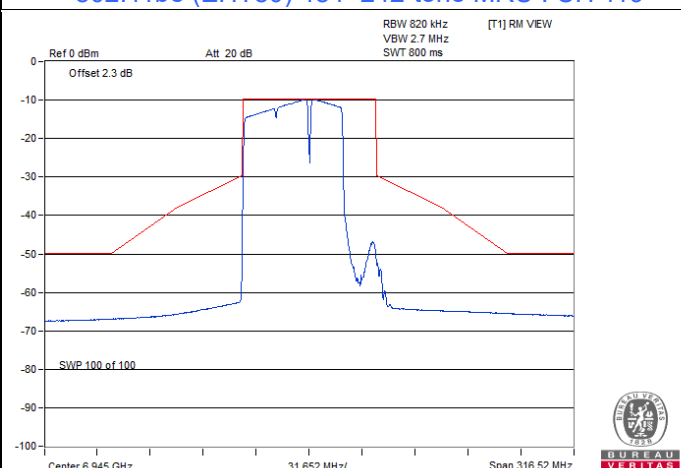
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802.11be (EHT80) 484+242-tone MRU : CH 119

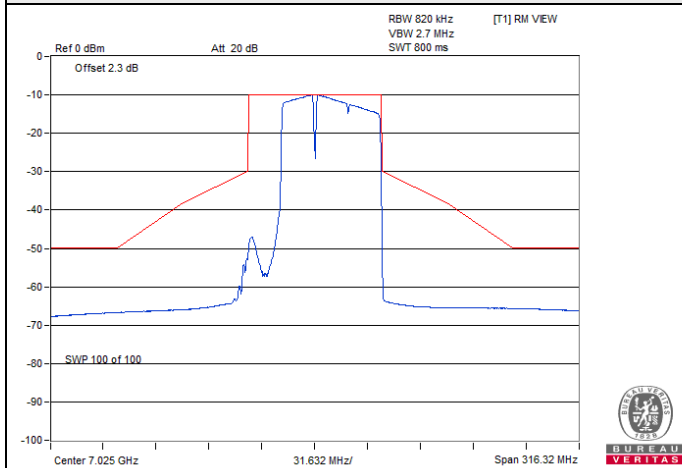


802.11be (EHT80) 484+242-tone MRU : CH 183



802.11be (EHT80) 484+242-tone MRU : CH 199

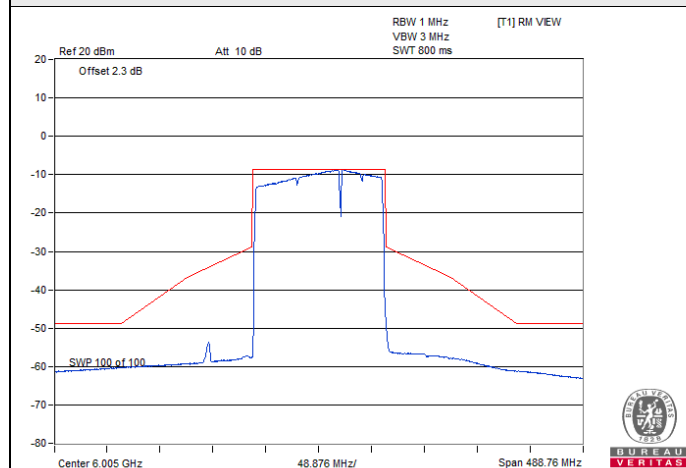
Spectrum Plot



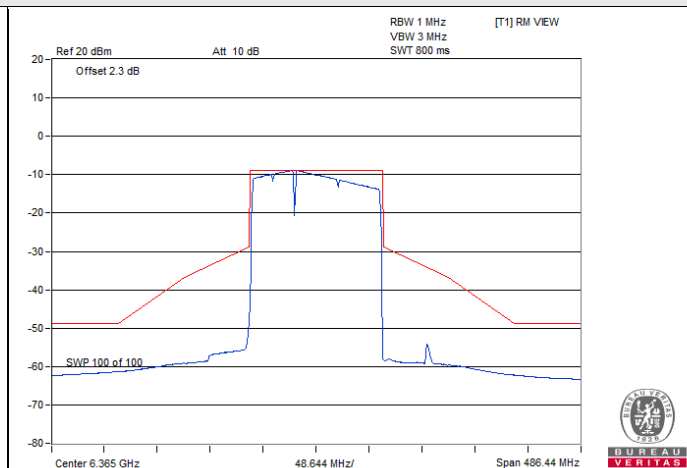
802.11be (EHT80) 484+242-tone MRU : CH 215

802.11be (EHT160) 996+484-tone MRU 1S1T

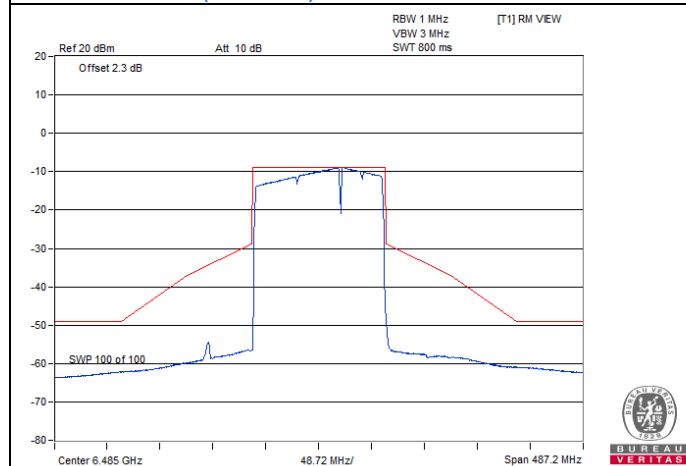
Spectrum Plot



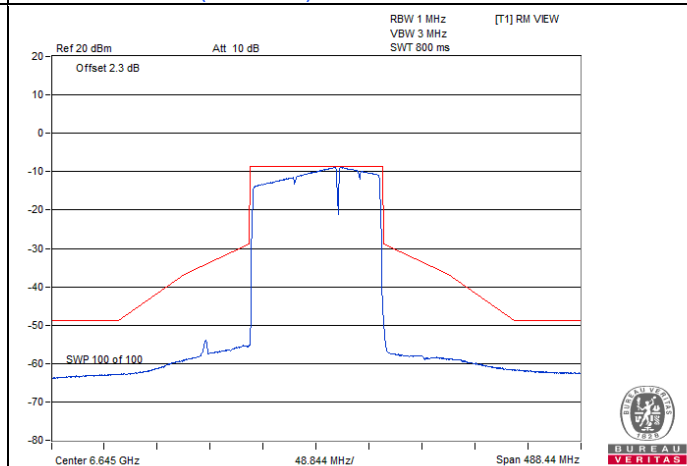
802.11be (EHT160) 996+484-tone MRU : CH 15



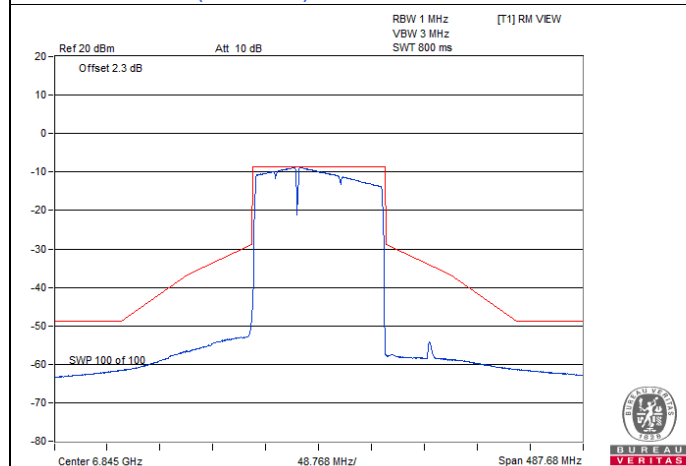
802.11be (EHT160) 996+484-tone MRU : CH 79



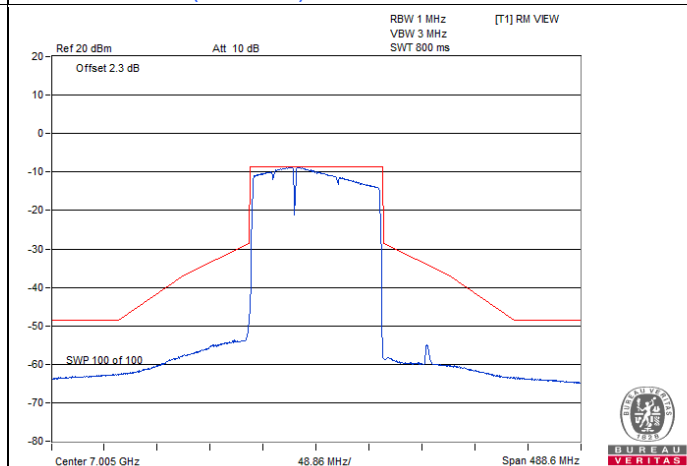
802.11be (EHT160) 996+484-tone MRU : CH 111



802.11be (EHT160) 996+484-tone MRU : CH 143



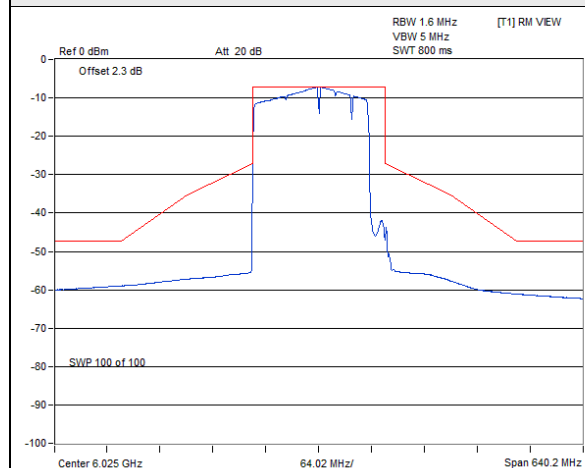
802.11be (EHT160) 996+484-tone MRU : CH 175



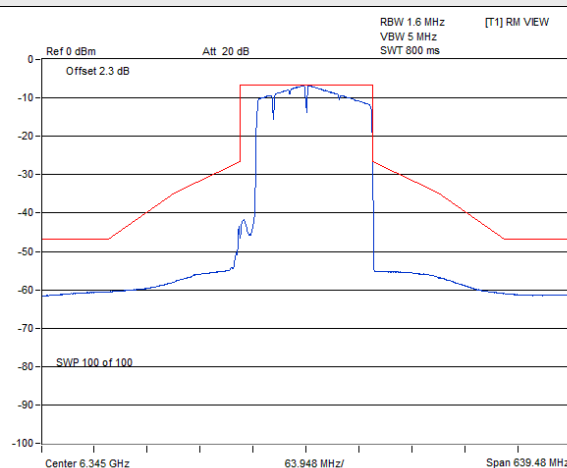
802.11be (EHT160) 996+484-tone MRU : CH 207

802.11be (EHT160) 996+484+242-tone MRU 1S1T

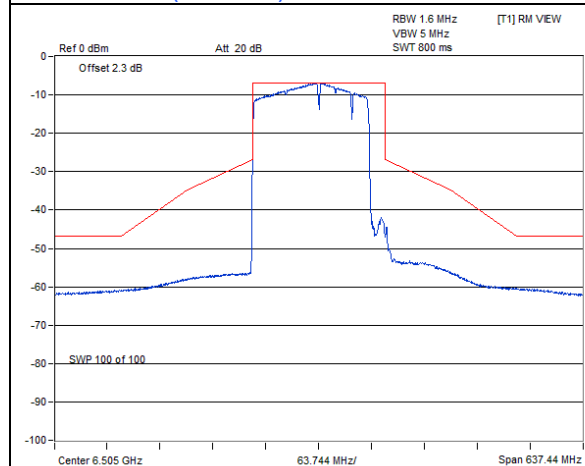
Spectrum Plot



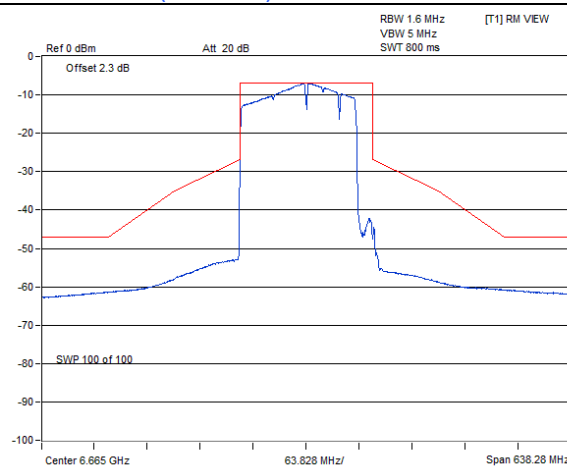
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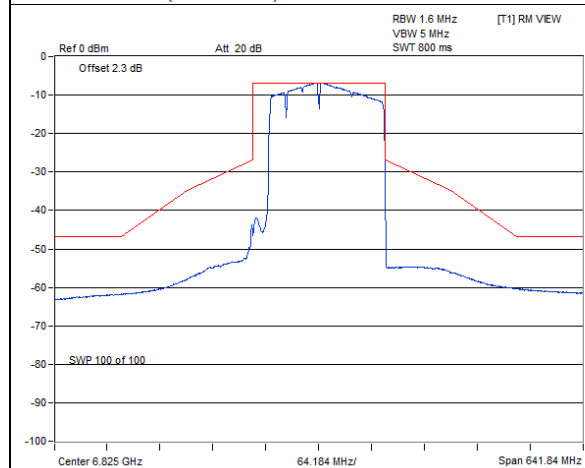
802.11be (EHT160) 996+484+242-tone MRU : CH 79



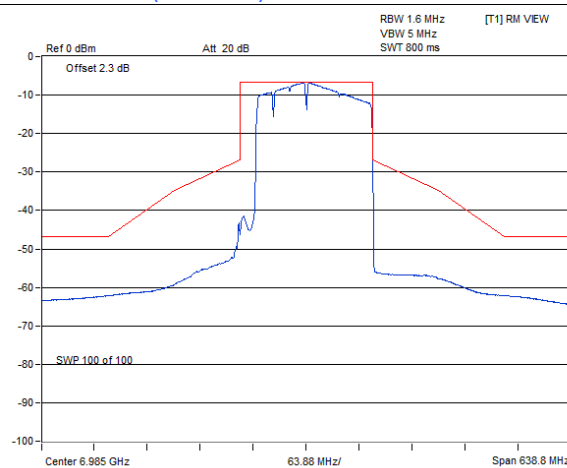
802.11be (EHT160) 996+484+242-tone MRU : CH 111



802.11be (EHT160) 996+484+242-tone MRU : CH 143



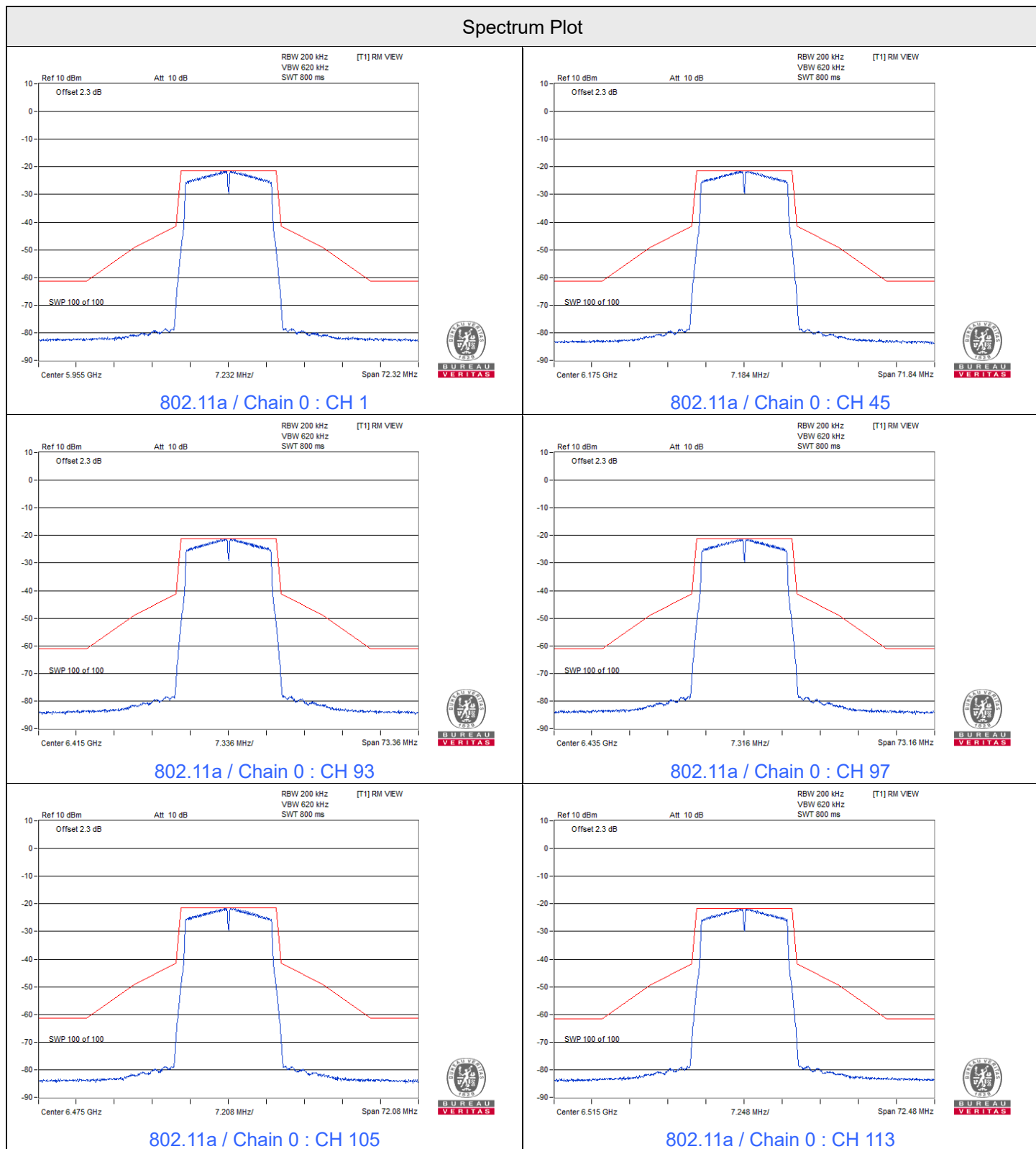
802.11be (EHT160) 996+484+242-tone MRU : CH 175



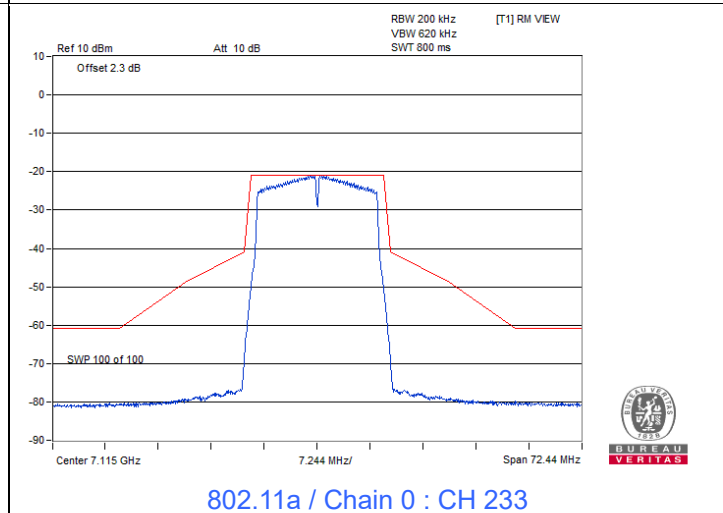
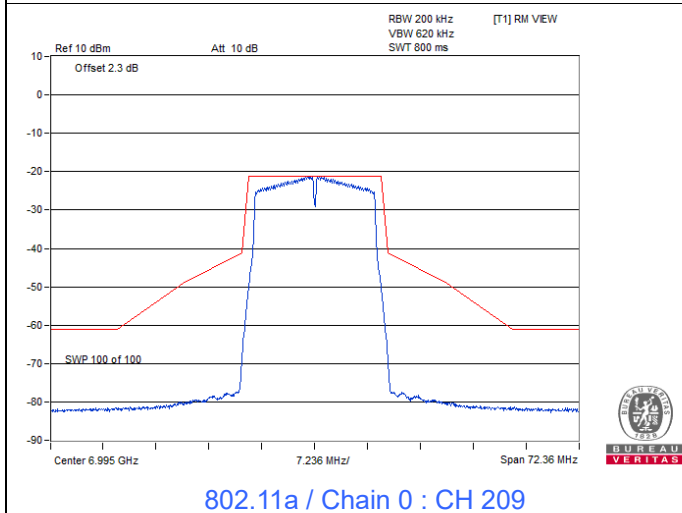
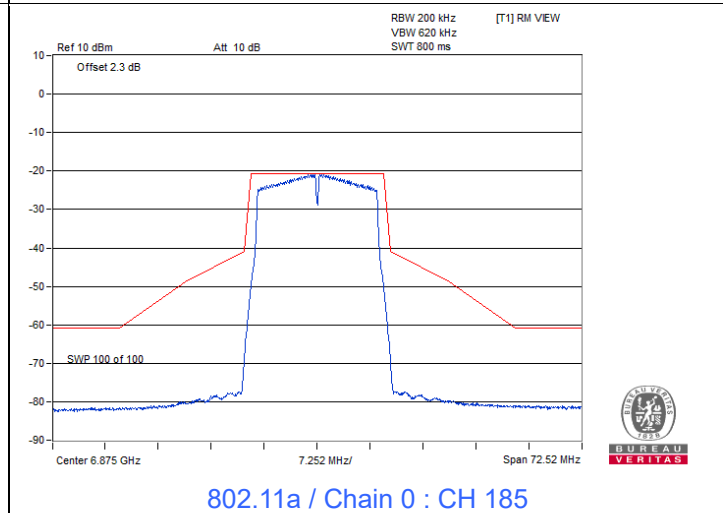
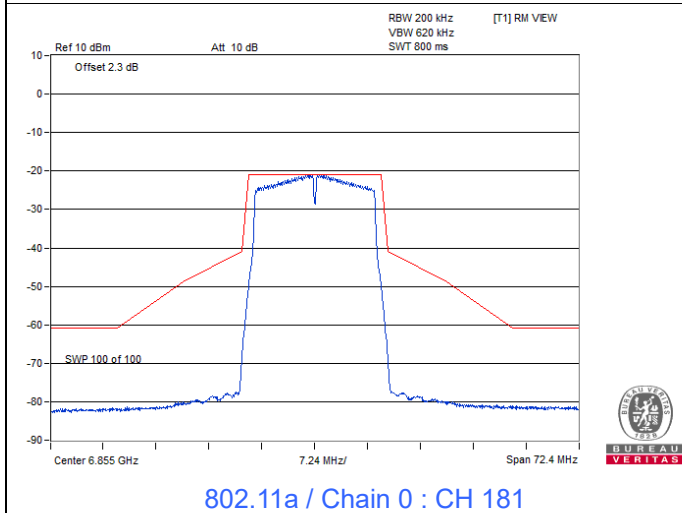
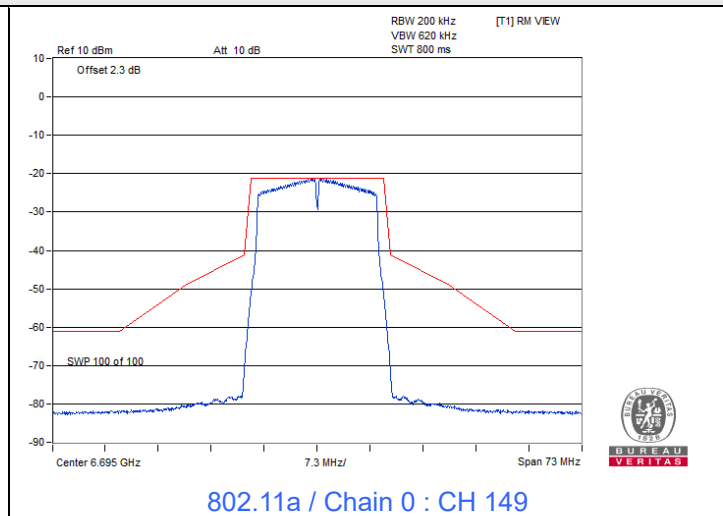
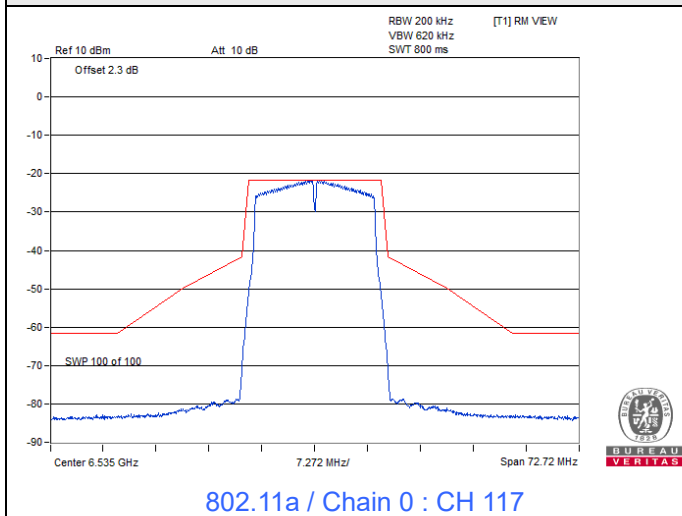
802.11be (EHT160) 996+484+242-tone MRU : CH 207

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Dolly Chung
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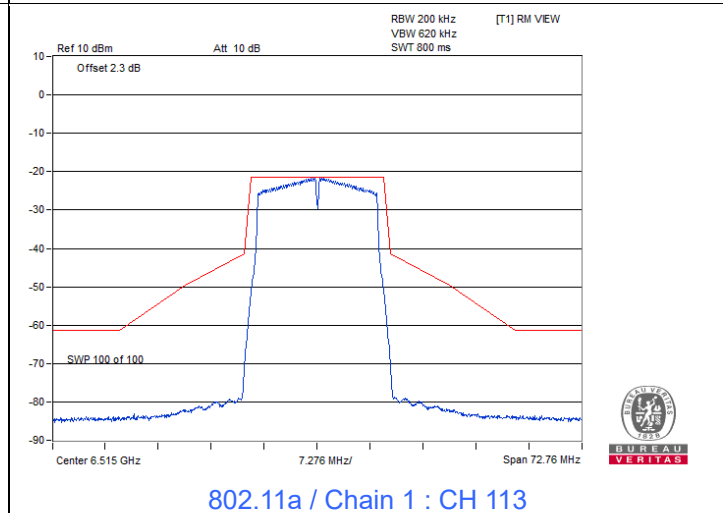
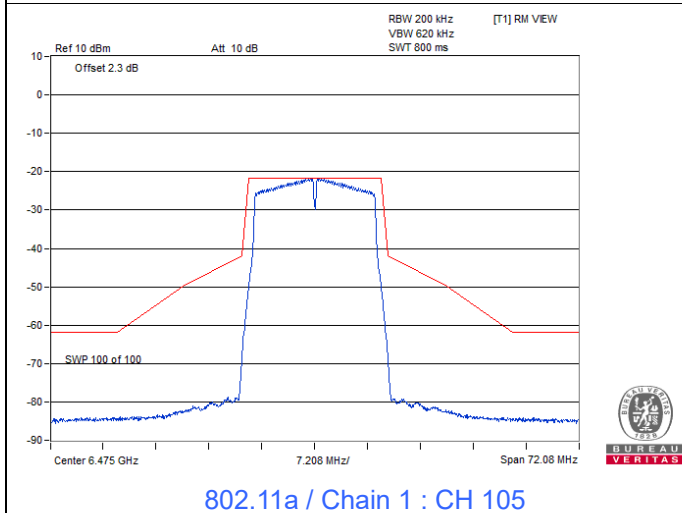
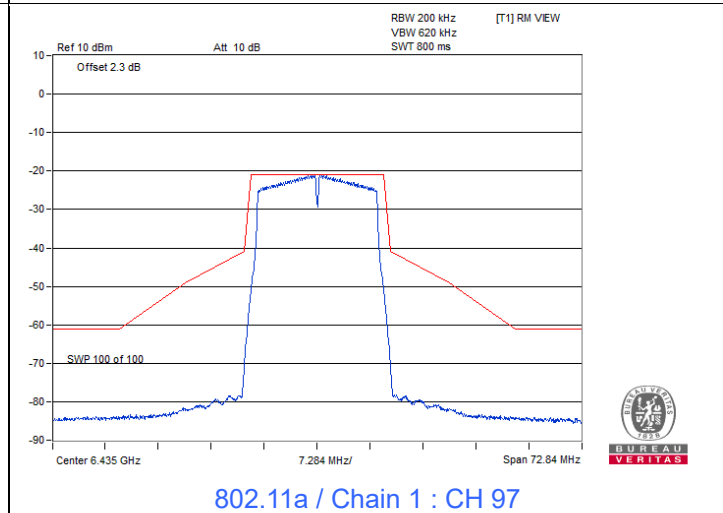
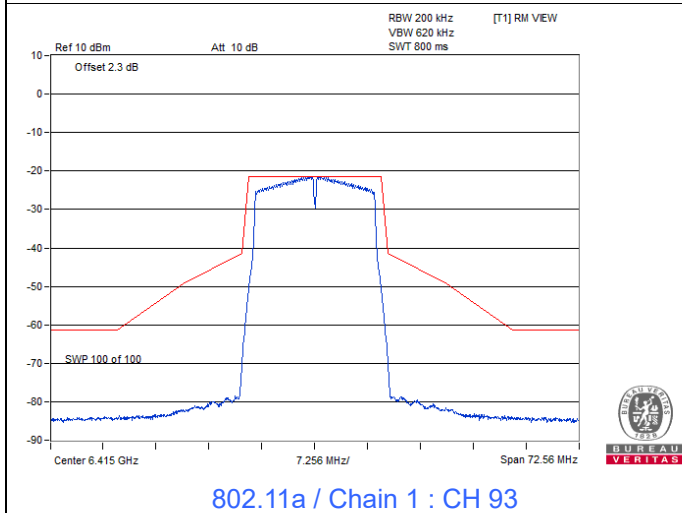
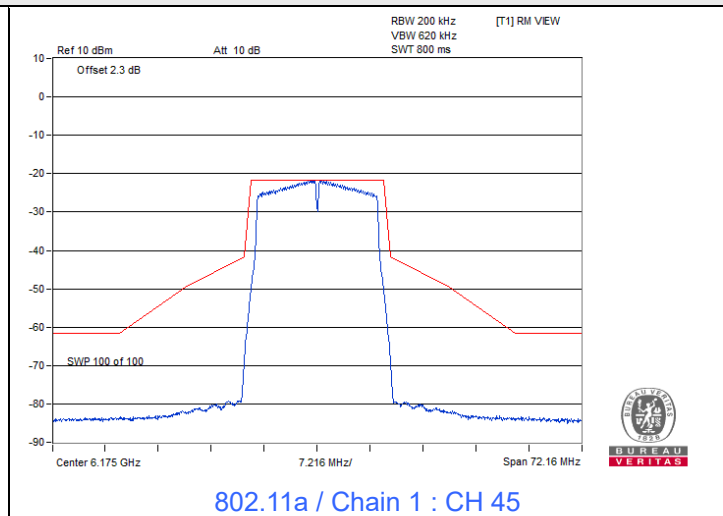
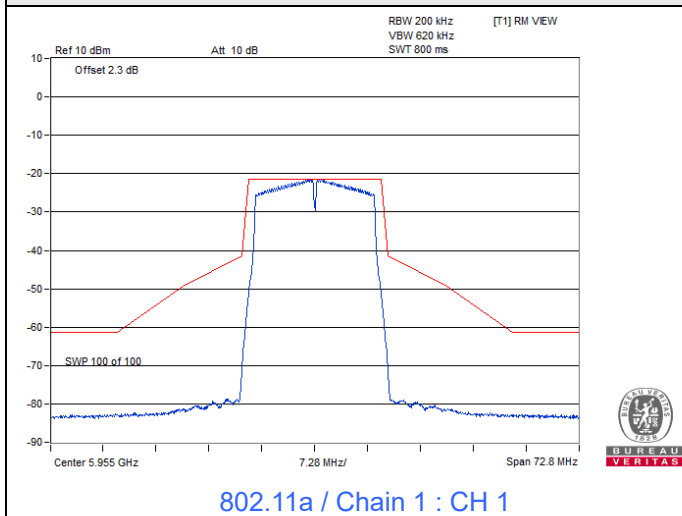
802.11a 2TX



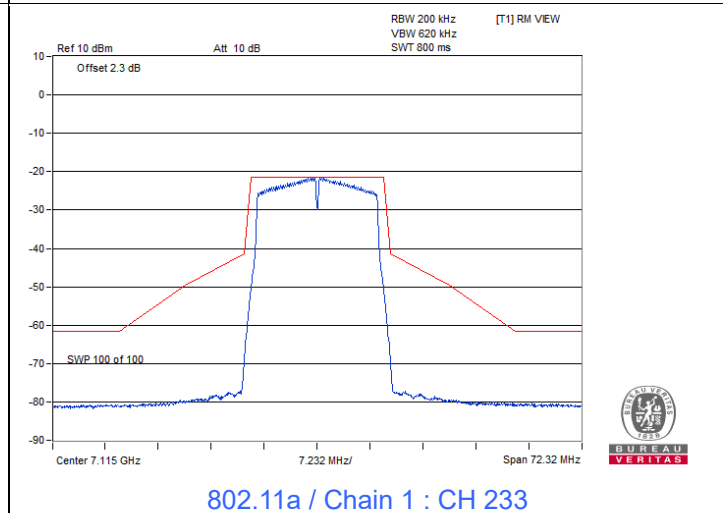
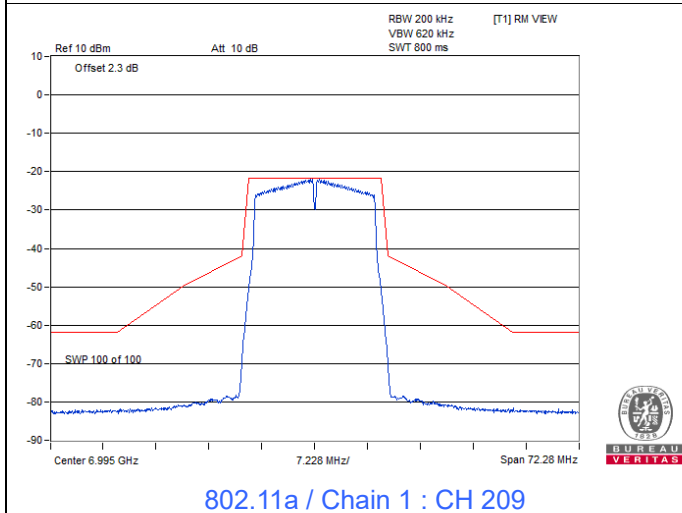
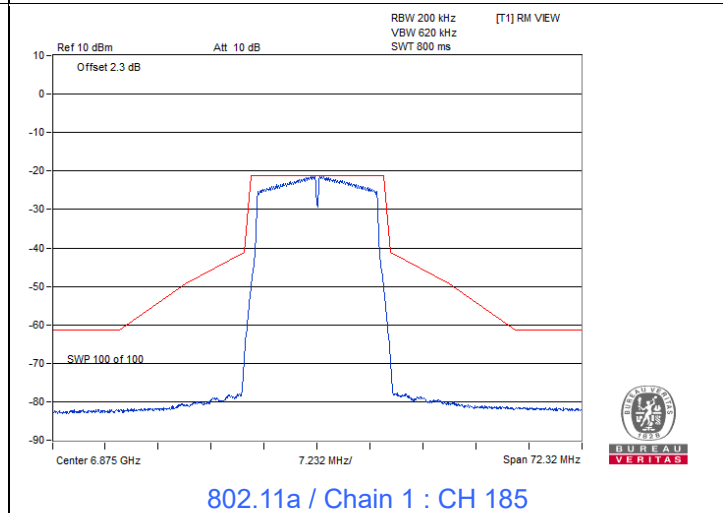
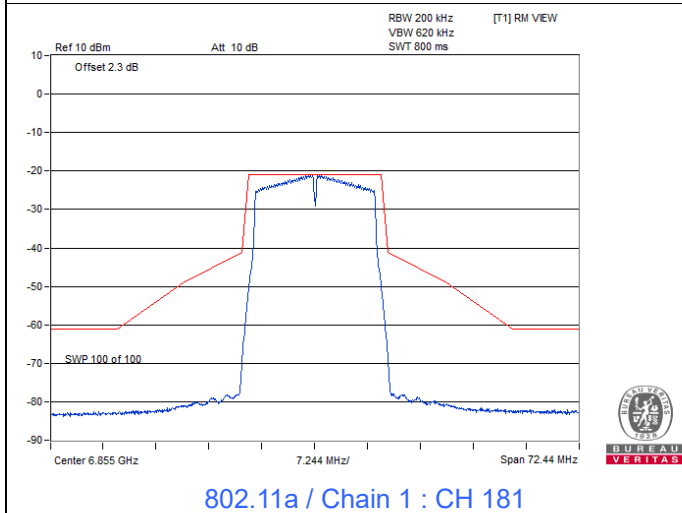
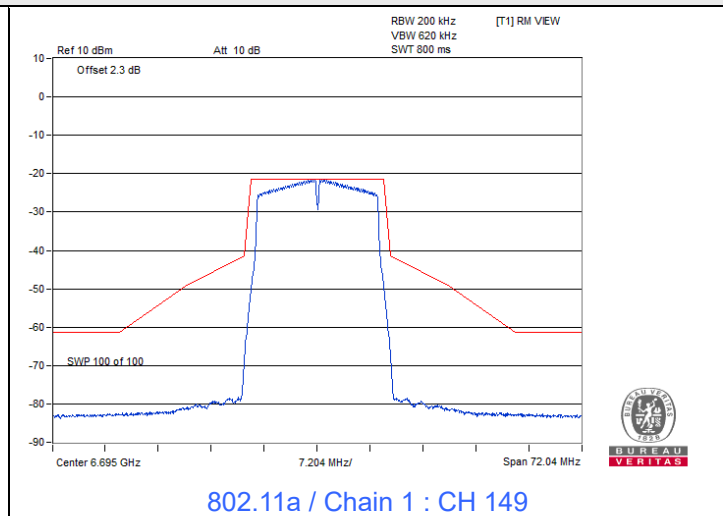
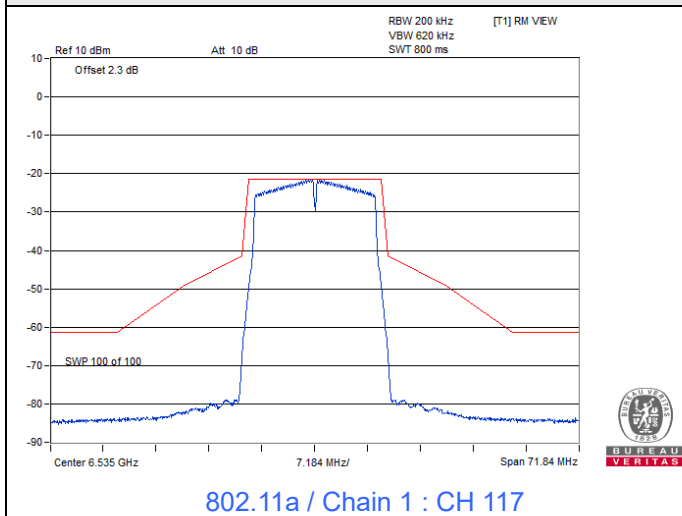
Spectrum Plot



Spectrum Plot

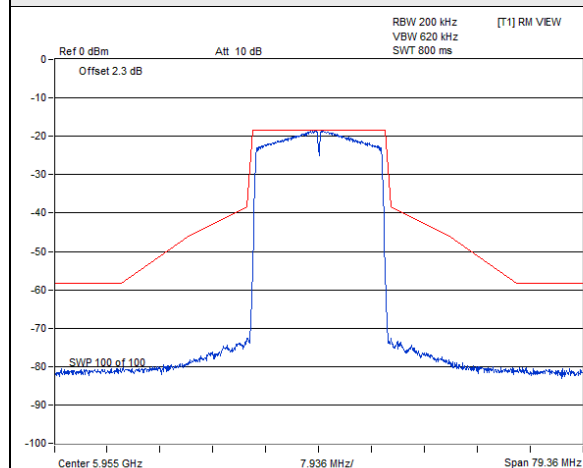


Spectrum Plot

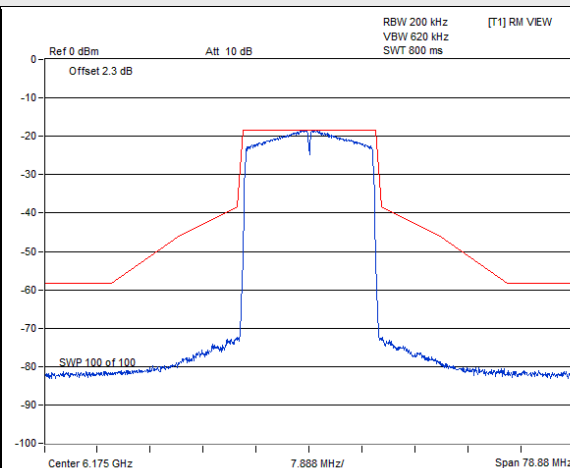


802.11be (EHT20) 2S2T

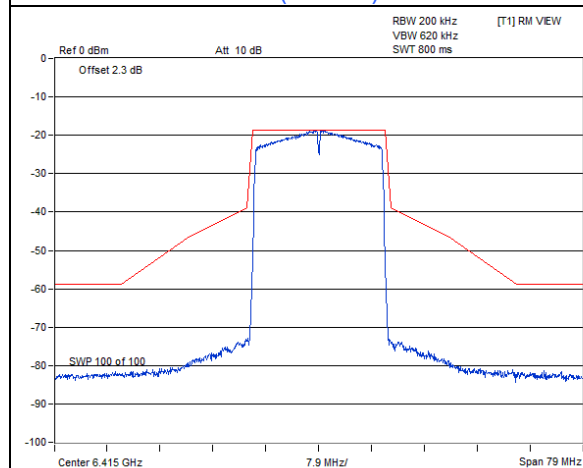
Spectrum Plot



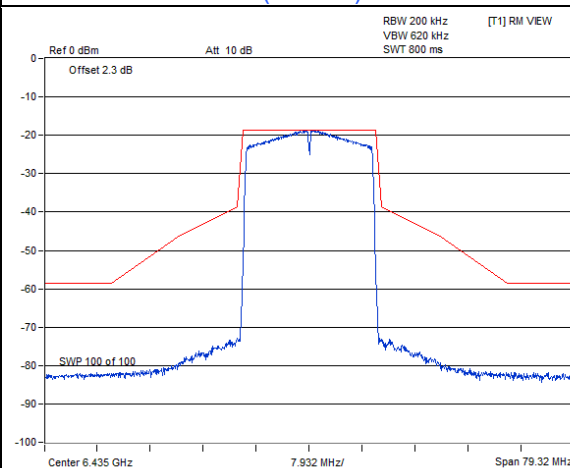
802.11be (EHT20) / Chain 0 : CH 1



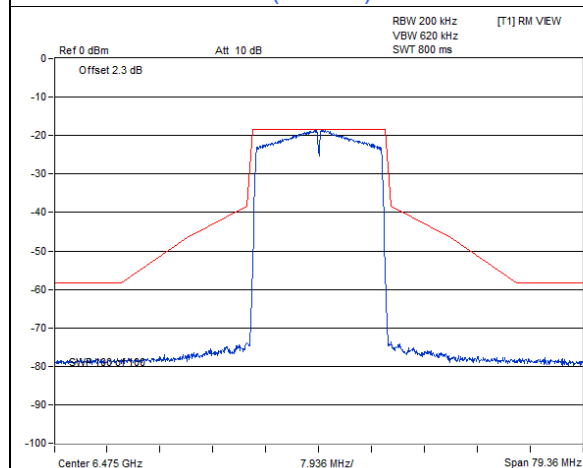
802.11be (EHT20) / Chain 0 : CH 45



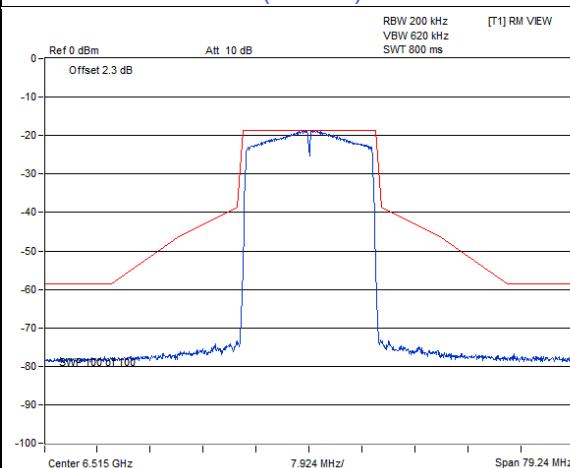
802.11be (EHT20) / Chain 0 : CH 93



802.11be (EHT20) / Chain 0 : CH 97

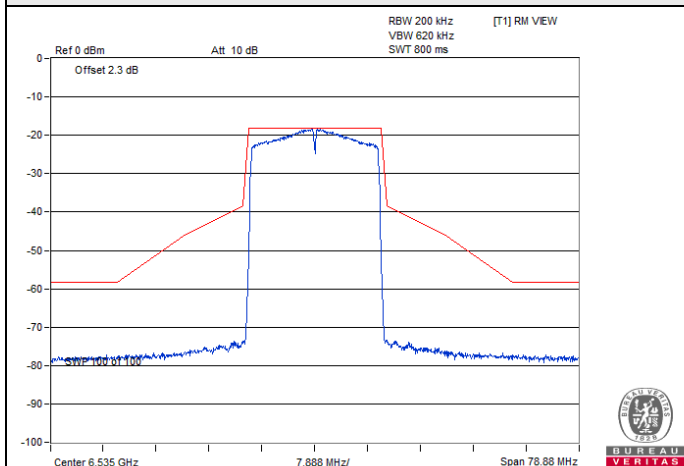


802.11be (EHT20) / Chain 0 : CH 105

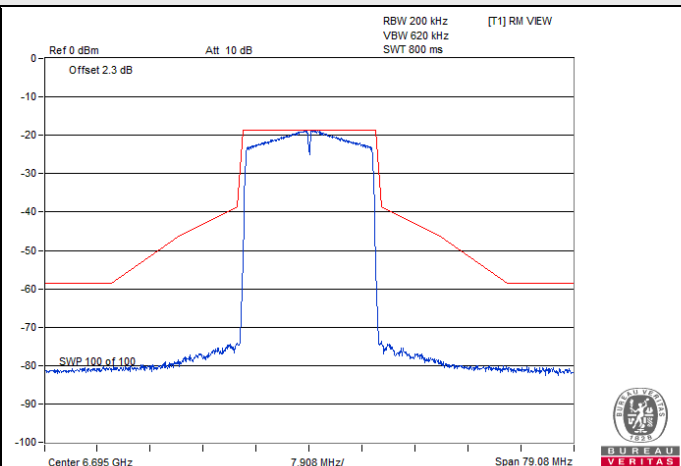


802.11be (EHT20) / Chain 0 : CH 113

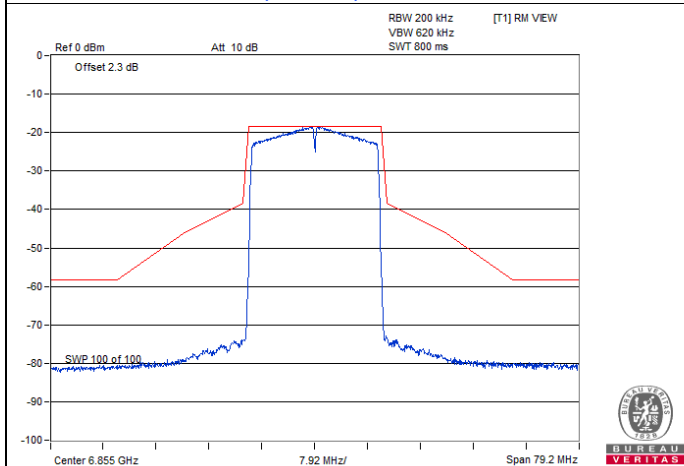
Spectrum Plot



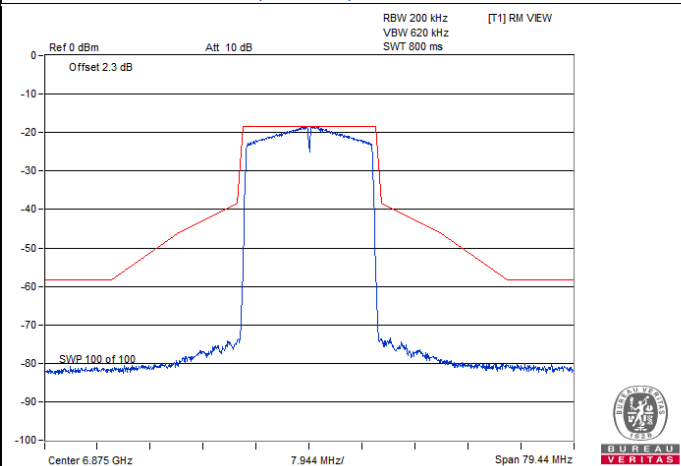
802.11be (EHT20) / Chain 0 : CH 117



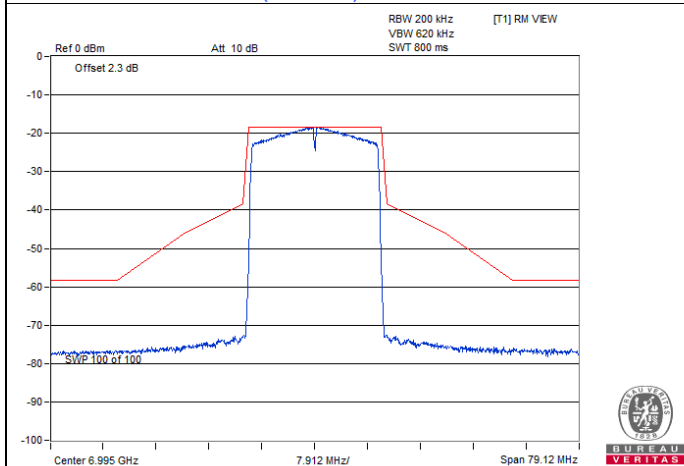
802.11be (EHT20) / Chain 0 : CH 149



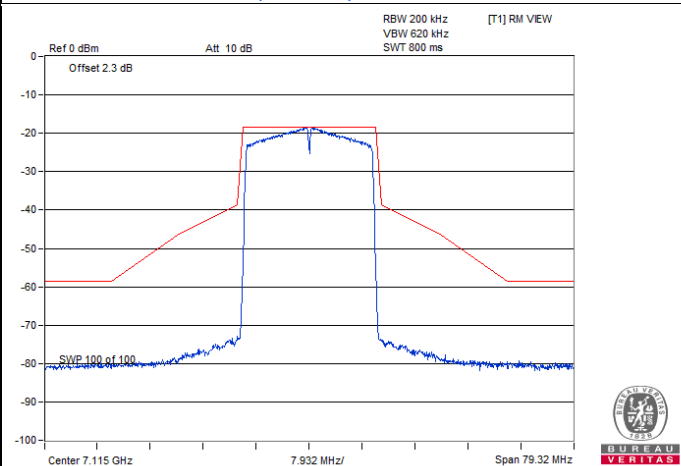
802.11be (EHT20) / Chain 0 : CH 181



802.11be (EHT20) / Chain 0 : CH 185

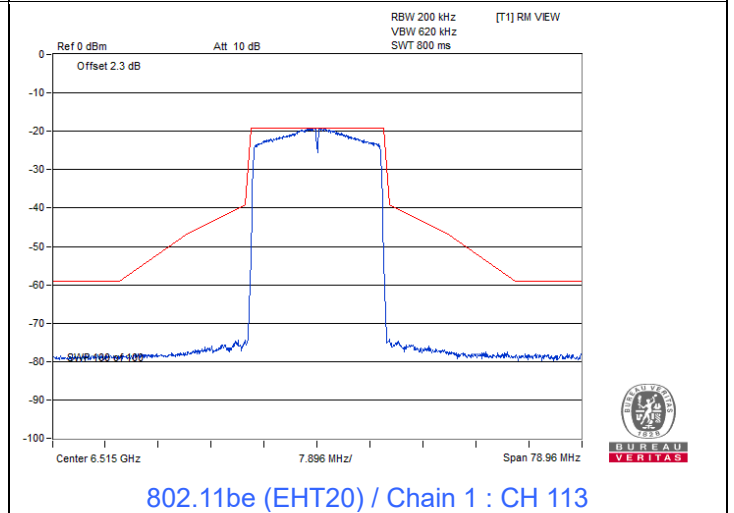
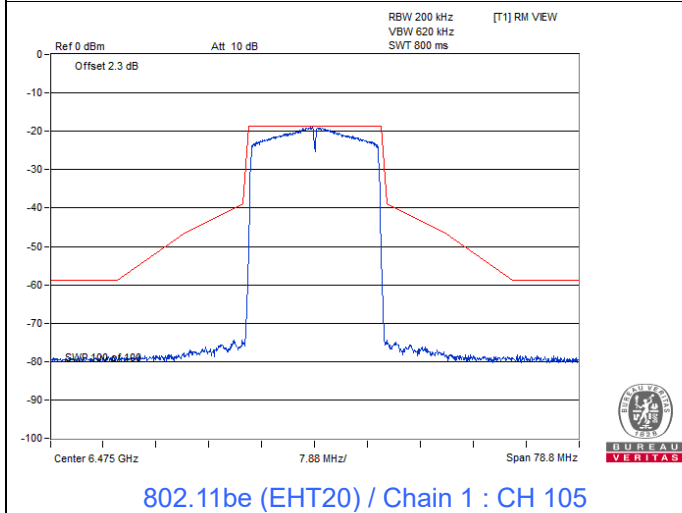
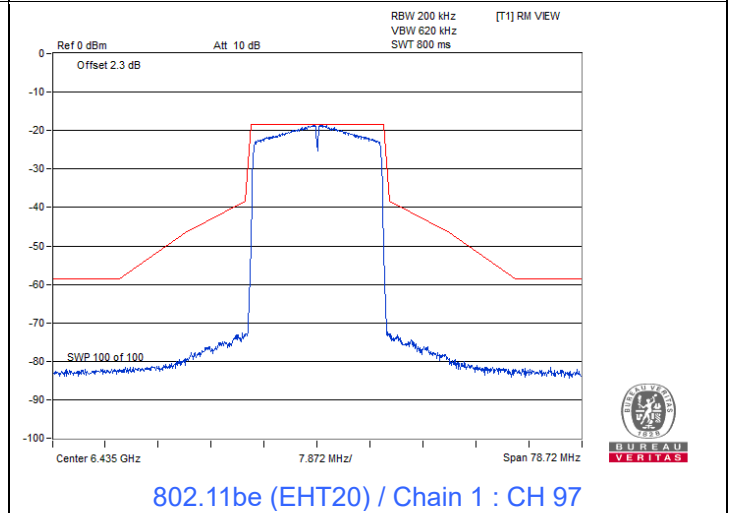
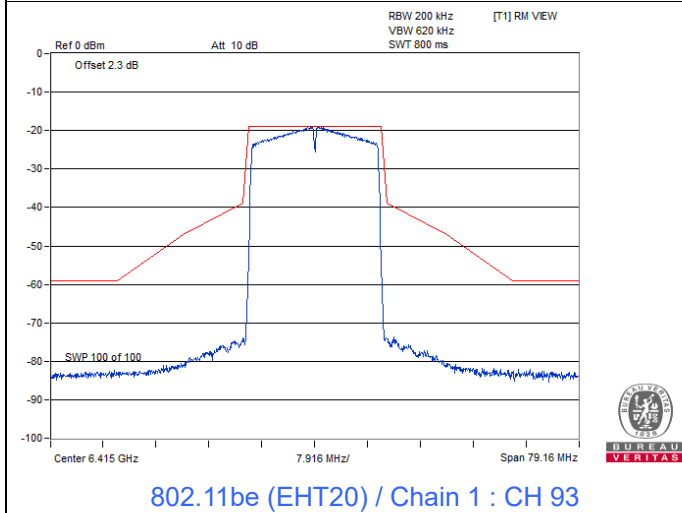
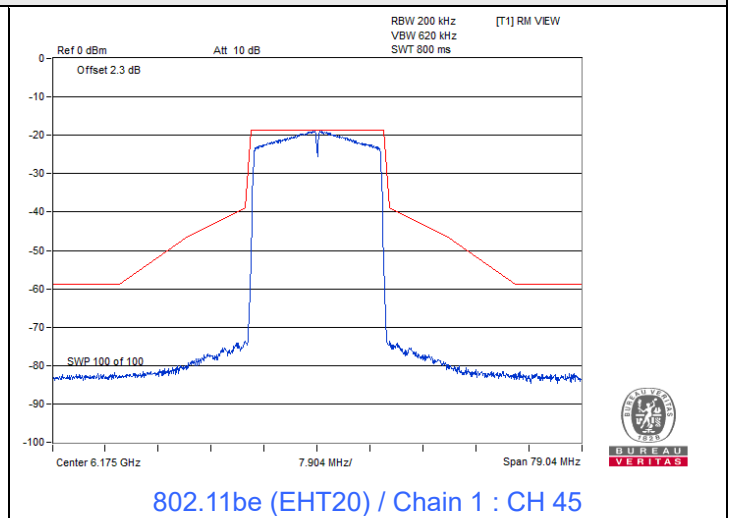
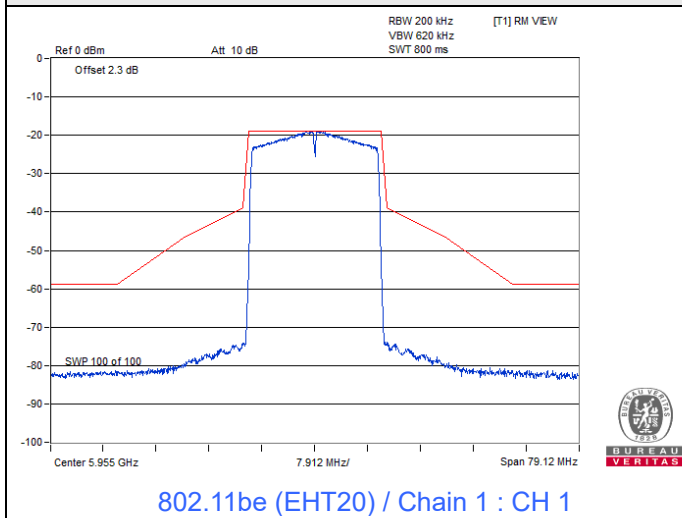


802.11be (EHT20) / Chain 0 : CH 209

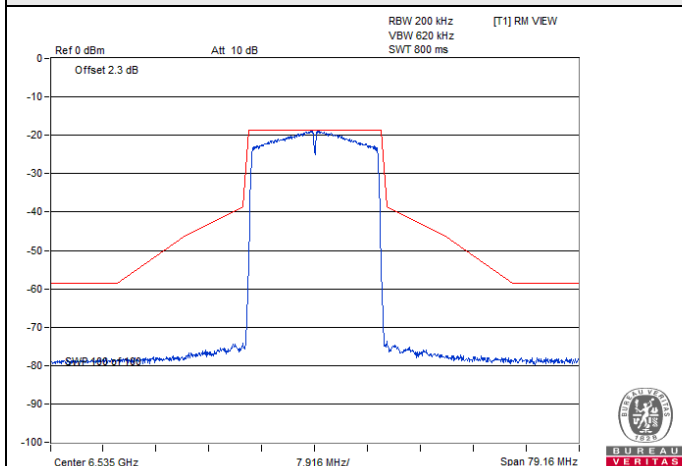


802.11be (EHT20) / Chain 0 : CH 233

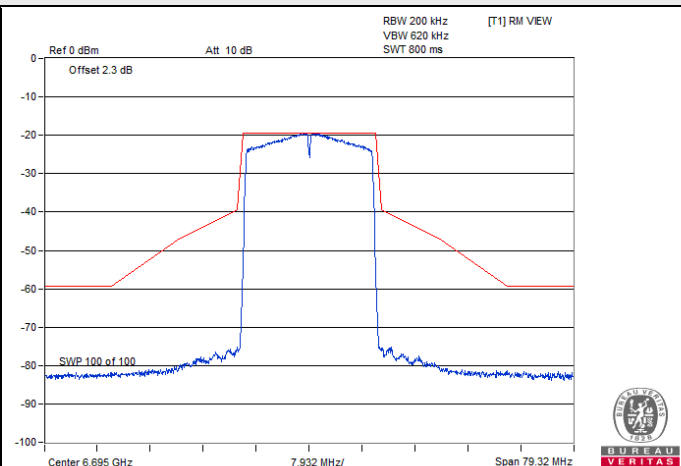
Spectrum Plot



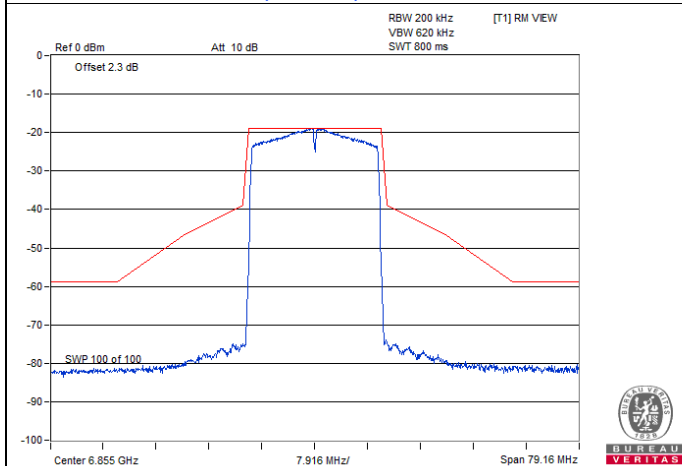
Spectrum Plot



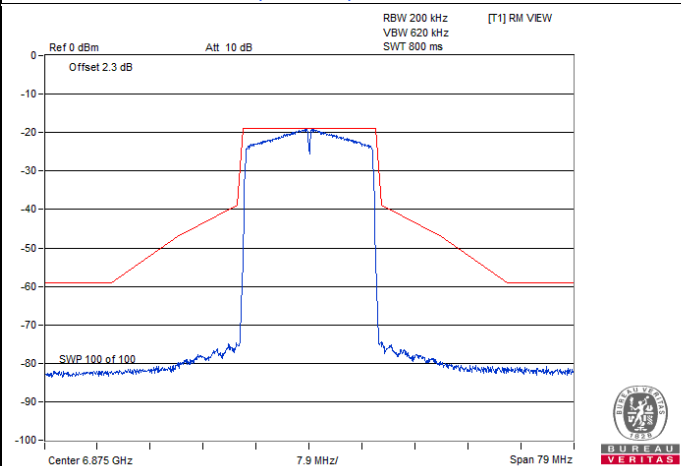
802.11be (EHT20) / Chain 1 : CH 117



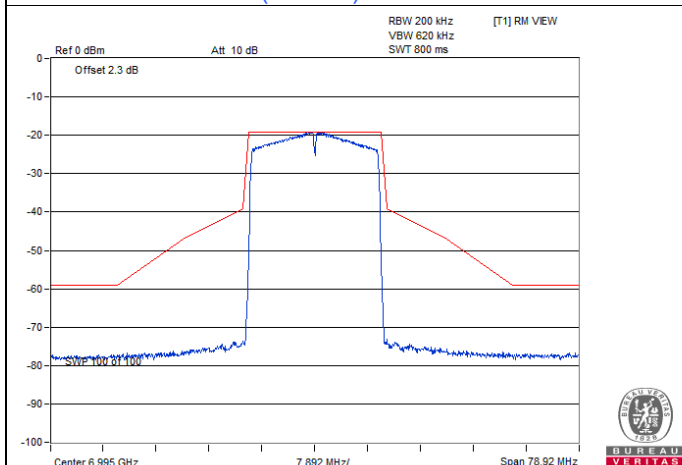
802.11be (EHT20) / Chain 1 : CH 149



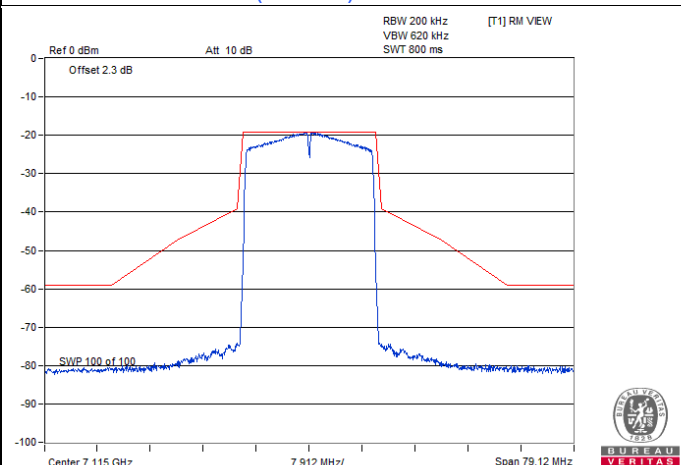
802.11be (EHT20) / Chain 1 : CH 181



802.11be (EHT20) / Chain 1 : CH 185



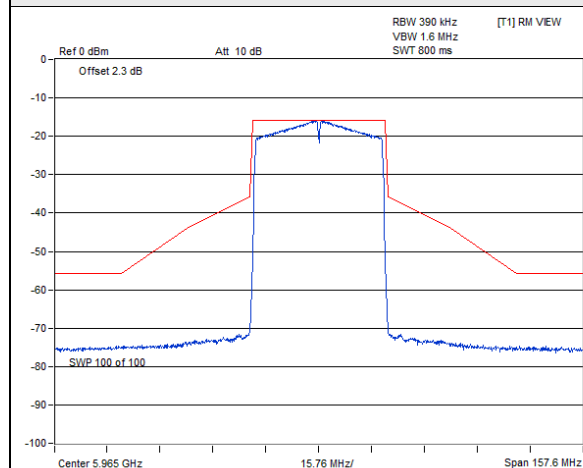
802.11be (EHT20) / Chain 1 : CH 209



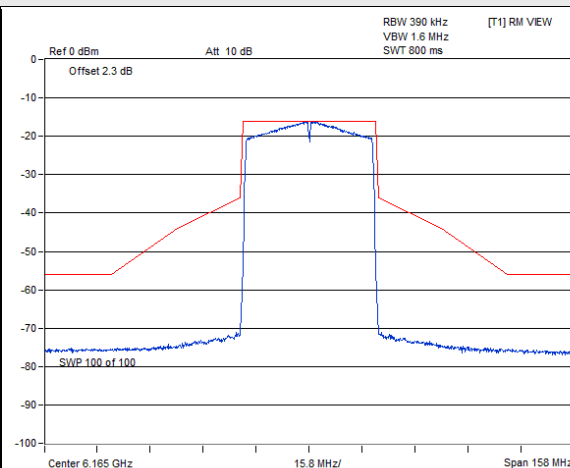
802.11be (EHT20) / Chain 1 : CH 233

802.11be (EHT40) 2S2T

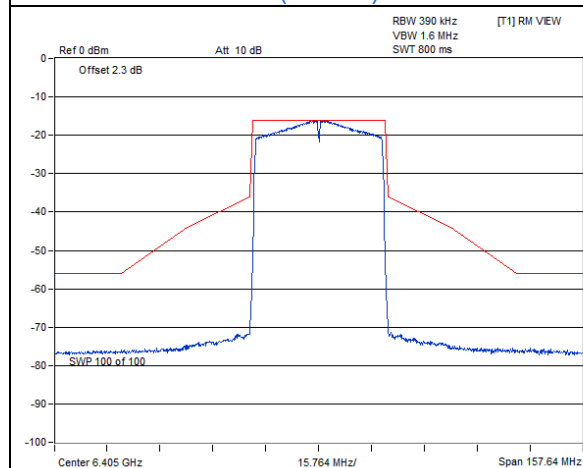
Spectrum Plot



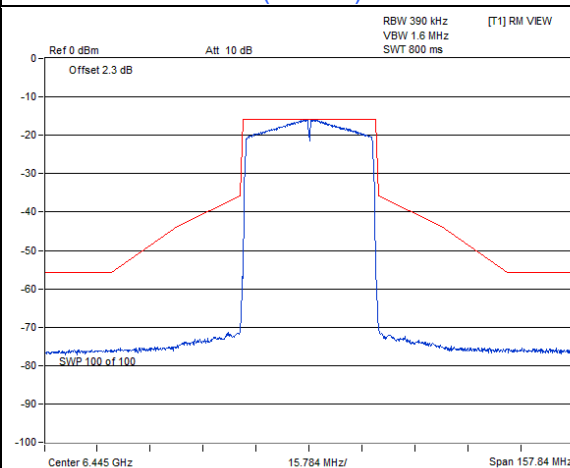
802.11be (EHT40) / Chain 0 : CH 3



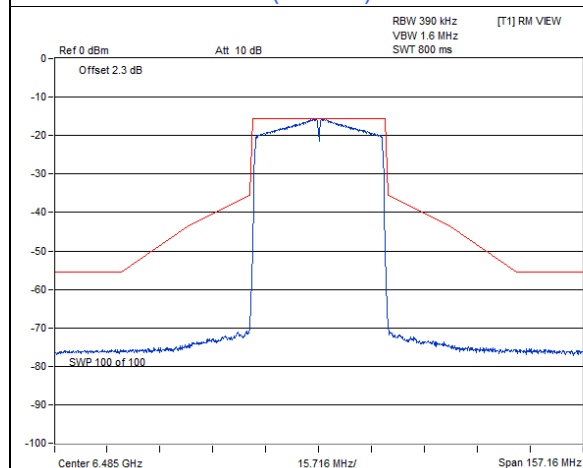
802.11be (EHT40) / Chain 0 : CH 43



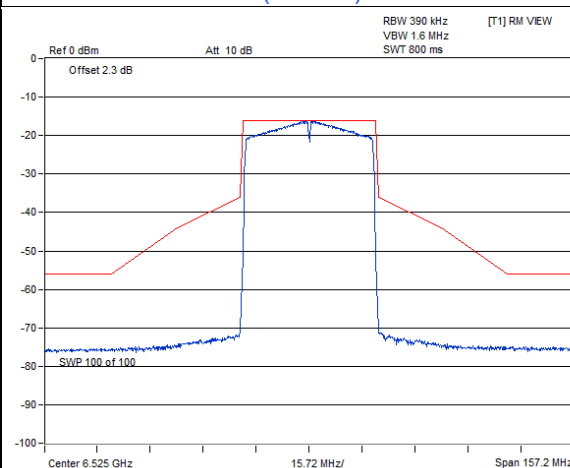
802.11be (EHT40) / Chain 0 : CH 91



802.11be (EHT40) / Chain 0 : CH 99

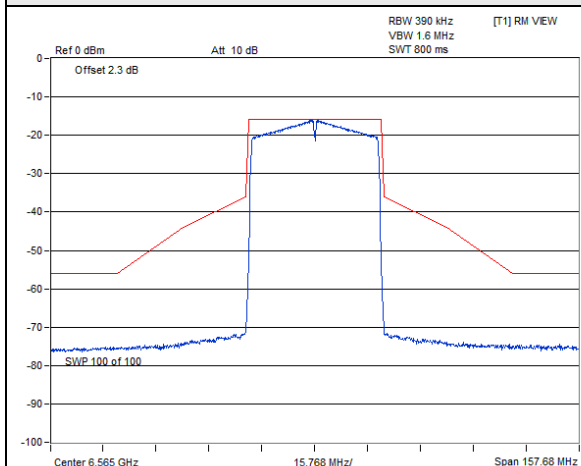


802.11be (EHT40) / Chain 0 : CH 107

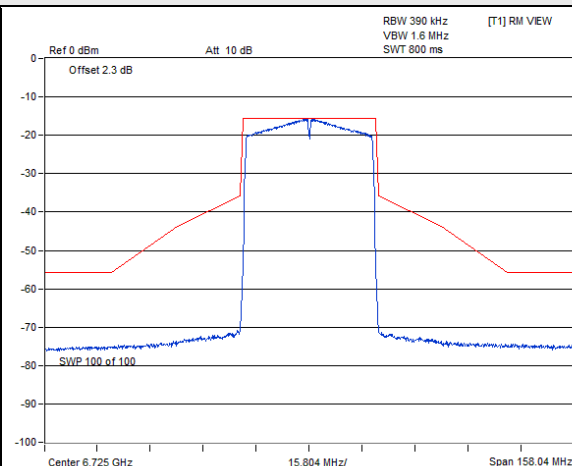


802.11be (EHT40) / Chain 0 : CH 115

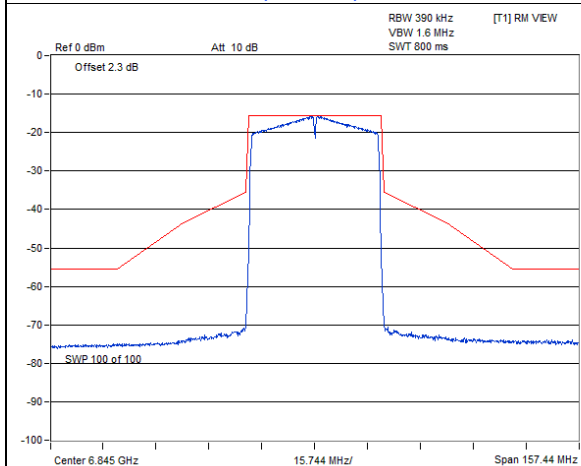
Spectrum Plot



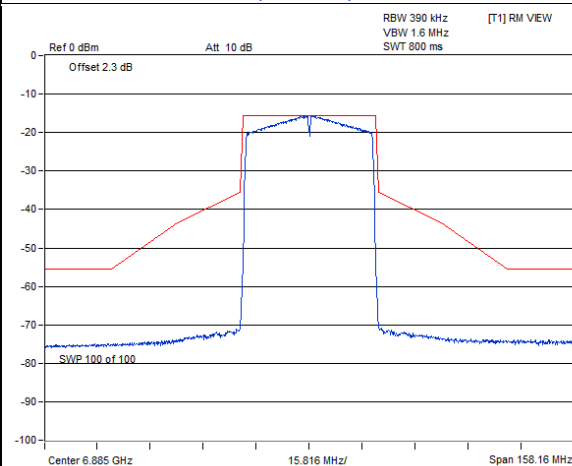
802.11be (EHT40) / Chain 0 : CH 123



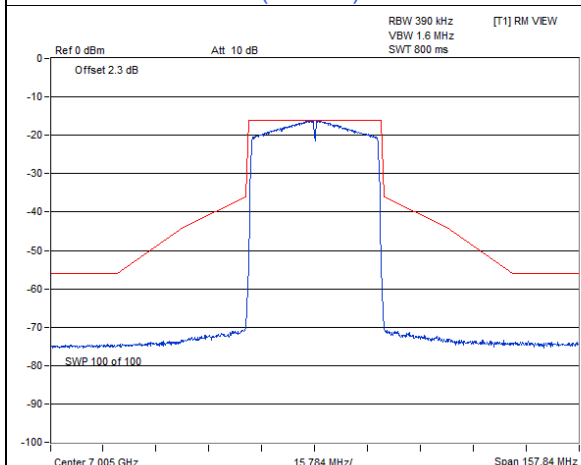
802.11be (EHT40) / Chain 0 : CH 155



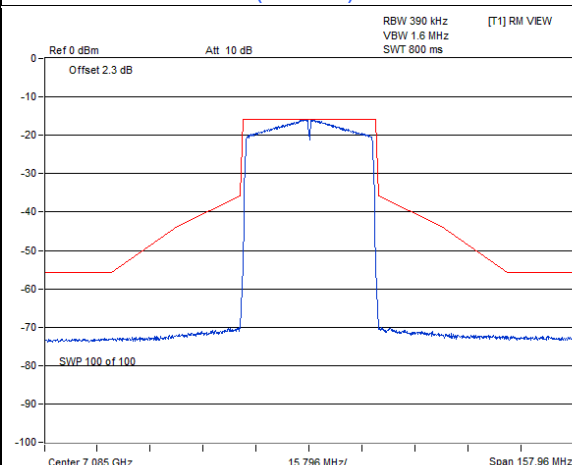
802.11be (EHT40) / Chain 0 : CH 179



802.11be (EHT40) / Chain 0 : CH 187

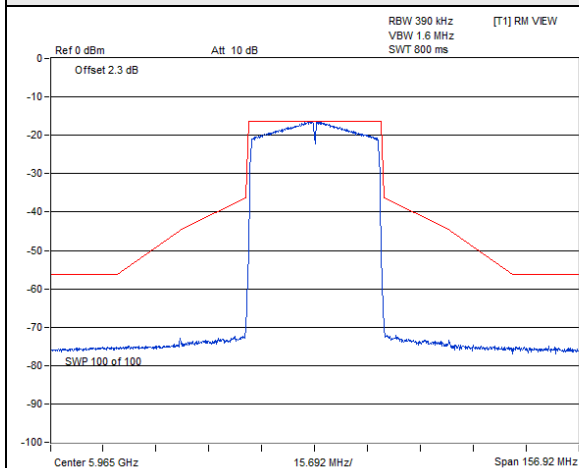


802.11be (EHT40) / Chain 0 : CH 211

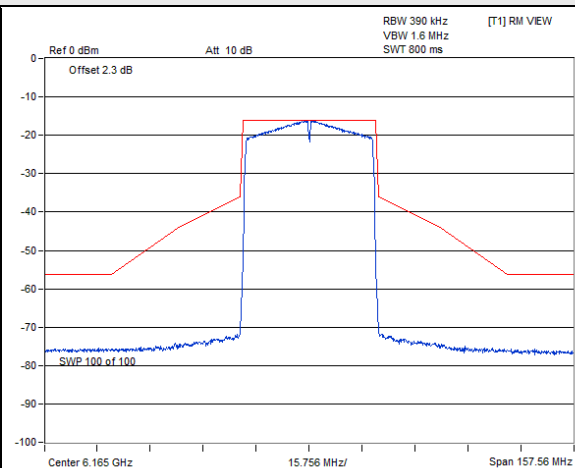


802.11be (EHT40) / Chain 0 : CH 227

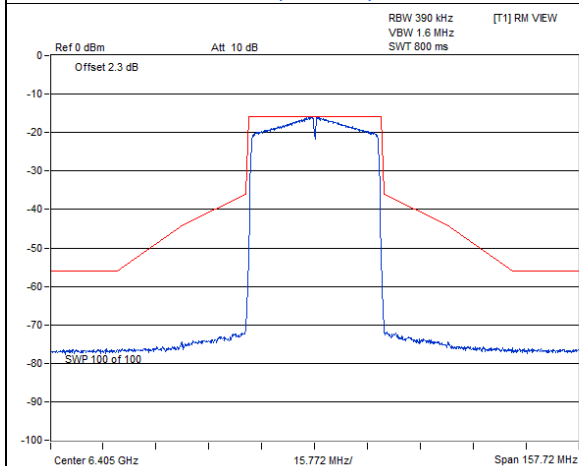
Spectrum Plot



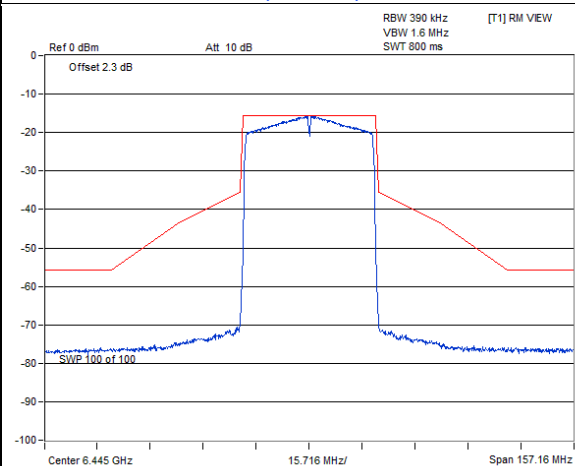
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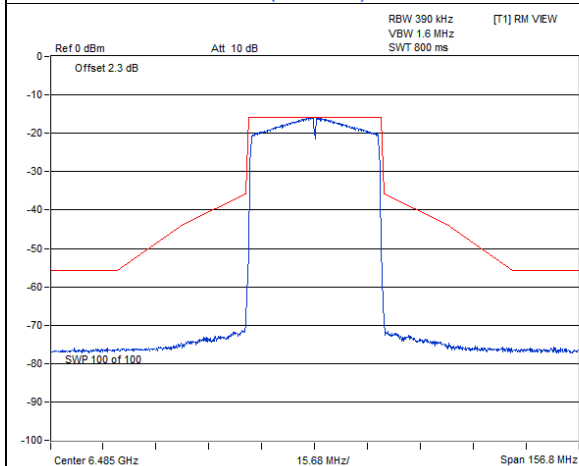
802.11be (EHT40) / Chain 1 : CH 43



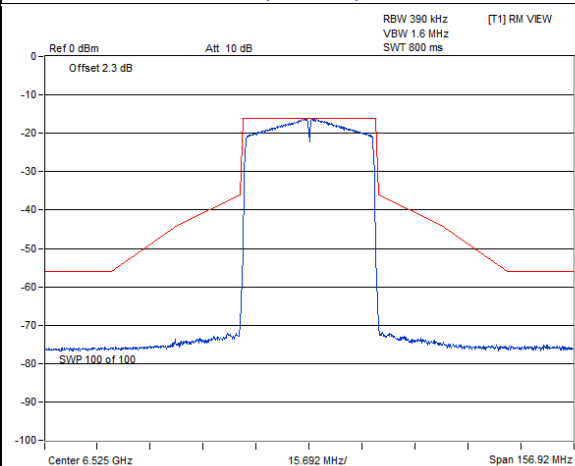
802.11be (EHT40) / Chain 1 : CH 91



802.11be (EHT40) / Chain 1 : CH 99

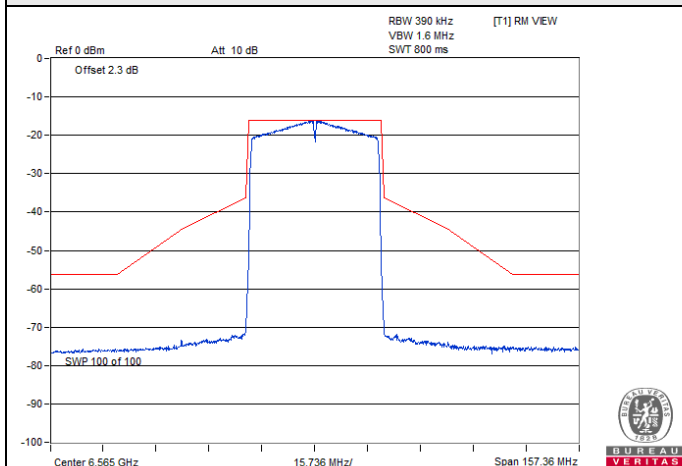


802.11be (EHT40) / Chain 1 : CH 107

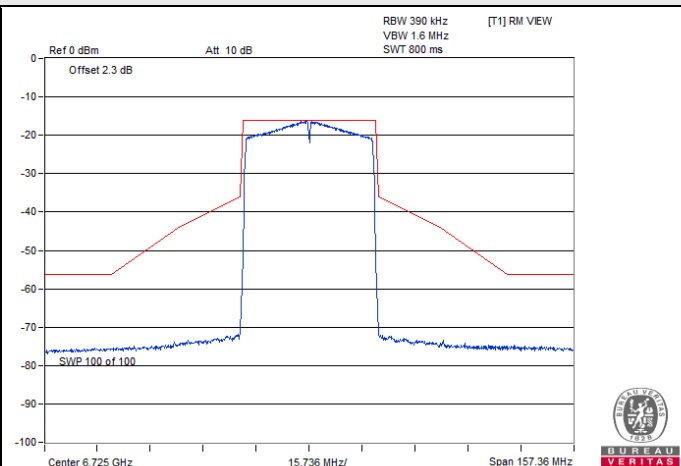


802.11be (EHT40) / Chain 1 : CH 115

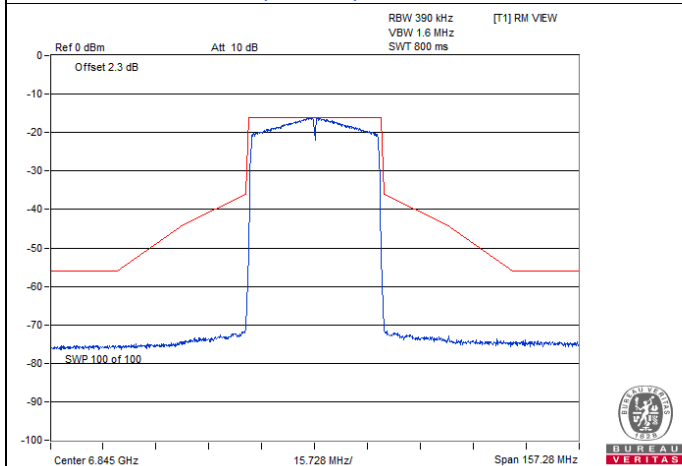
Spectrum Plot



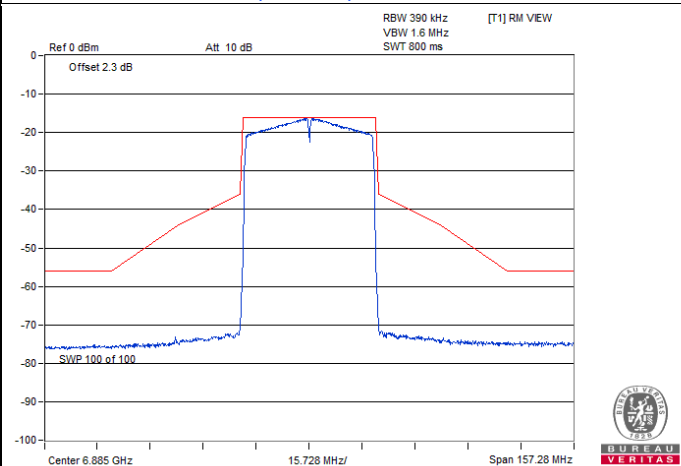
802.11be (EHT40) / Chain 1 : CH 123



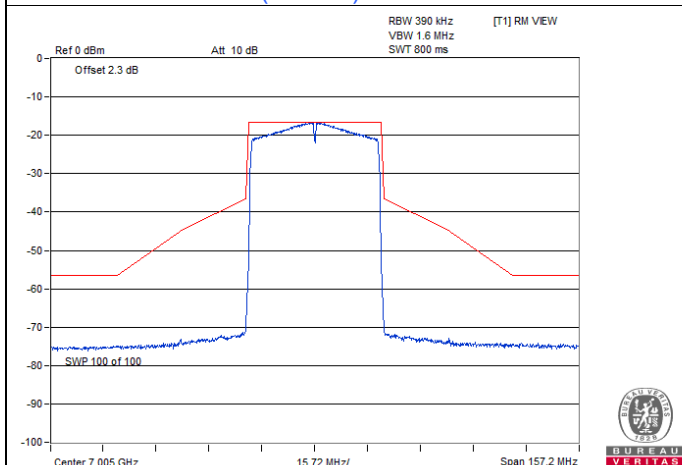
802.11be (EHT40) / Chain 1 : CH 155



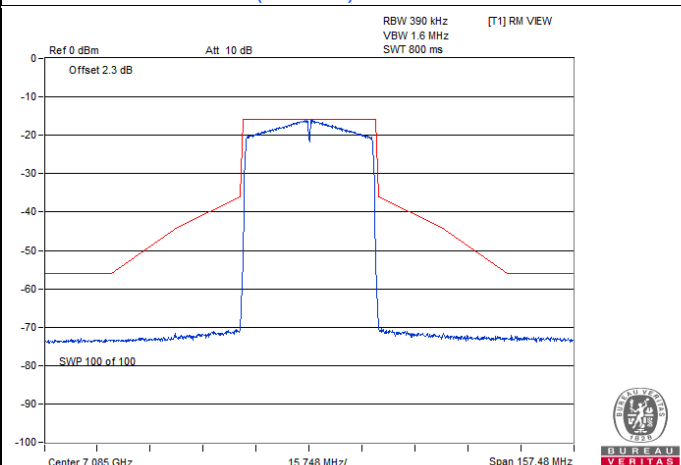
802.11be (EHT40) / Chain 1 : CH 179



802.11be (EHT40) / Chain 1 : CH 187



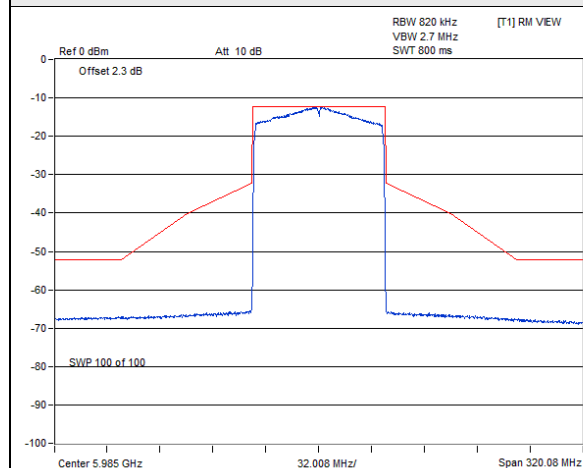
802.11be (EHT40) / Chain 1 : CH 211



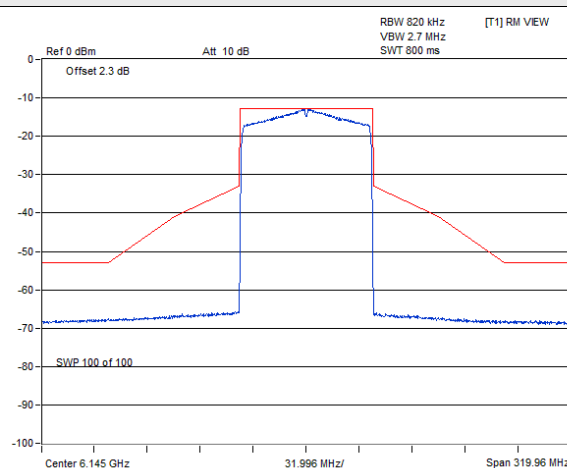
802.11be (EHT40) / Chain 1 : CH 227

802.11be (EHT80) 2S2T

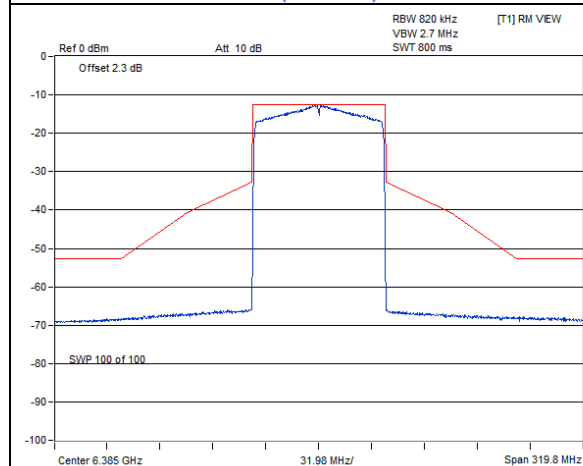
Spectrum Plot



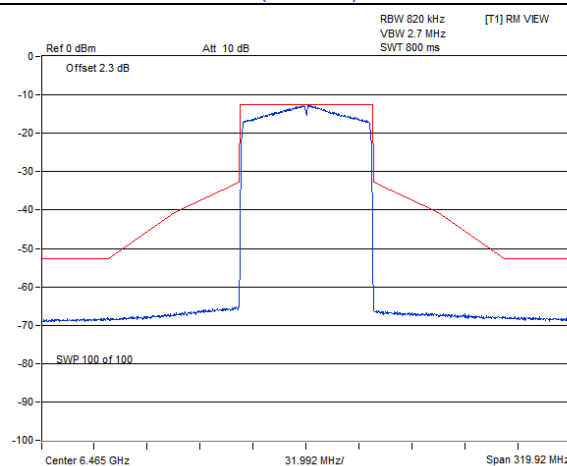
802.11be (EHT80) / Chain 0 : CH 7



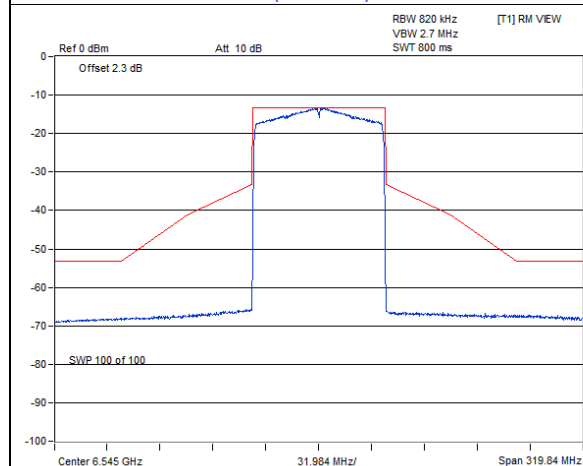
802.11be (EHT80) / Chain 0 : CH 39



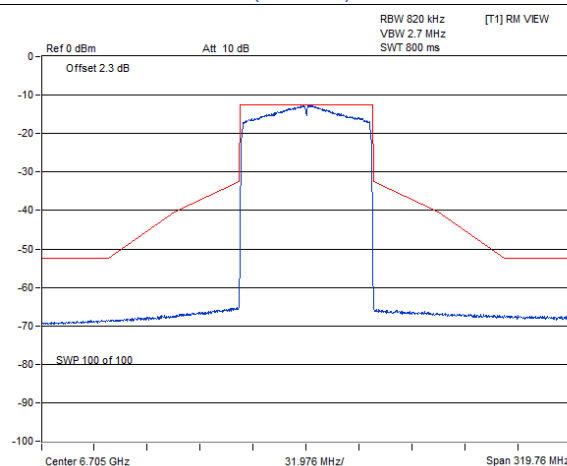
802.11be (EHT80) / Chain 0 : CH 87



802.11be (EHT80) / Chain 0 : CH 103

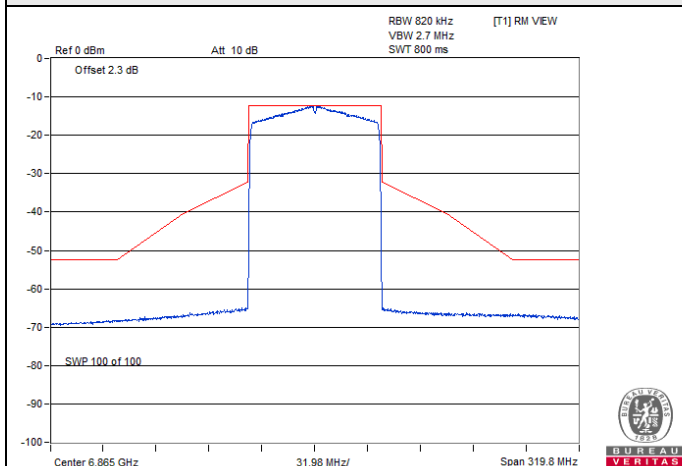


802.11be (EHT80) / Chain 0 : CH 119

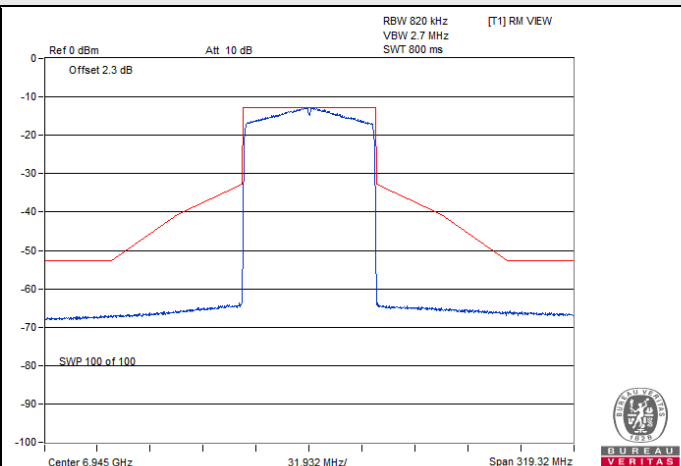


802.11be (EHT80) / Chain 0 : CH 151

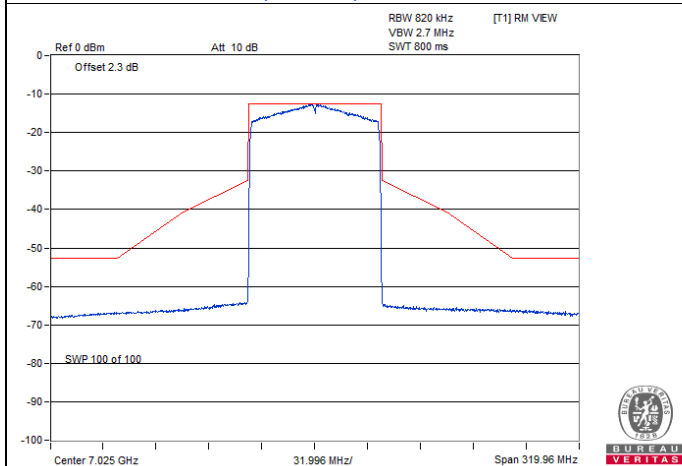
Spectrum Plot



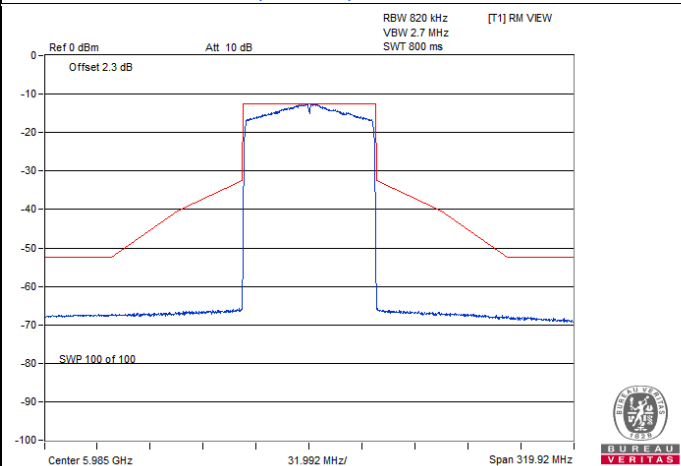
802.11be (EHT80) / Chain 0 : CH 183



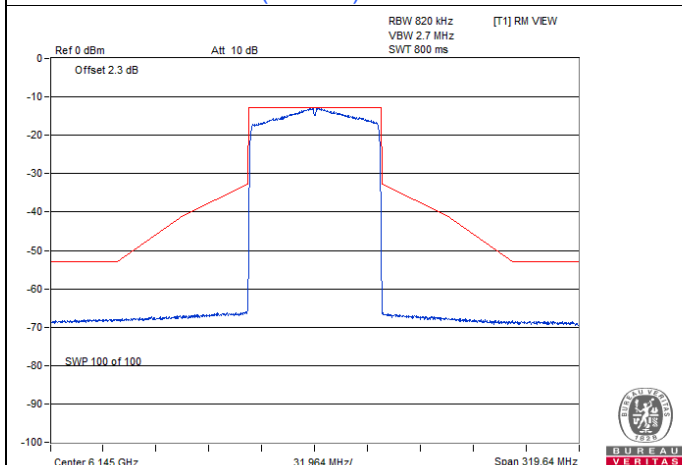
802.11be (EHT80) / Chain 0 : CH 199



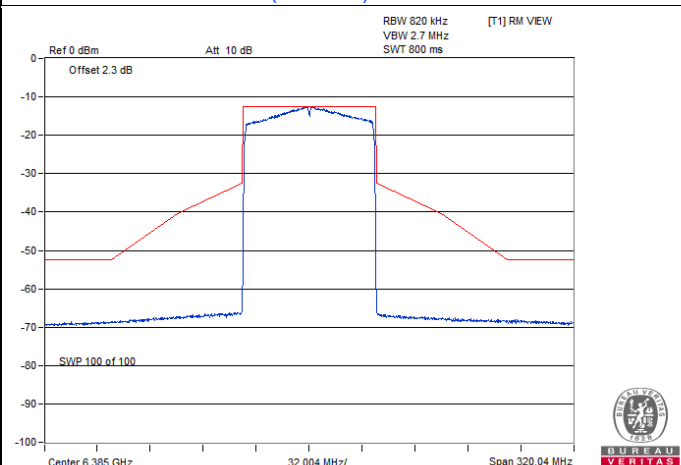
802.11be (EHT80) / Chain 0 : CH 215



802.11be (EHT80) / Chain 1 : CH 7

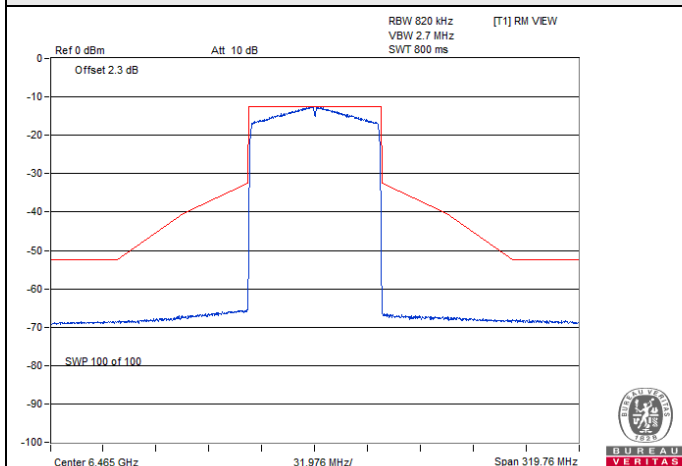


802.11be (EHT80) / Chain 1 : CH 39

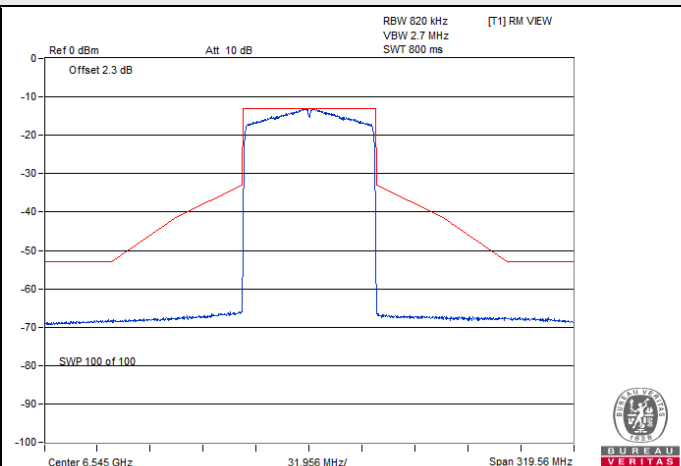


802.11be (EHT80) / Chain 1 : CH 87

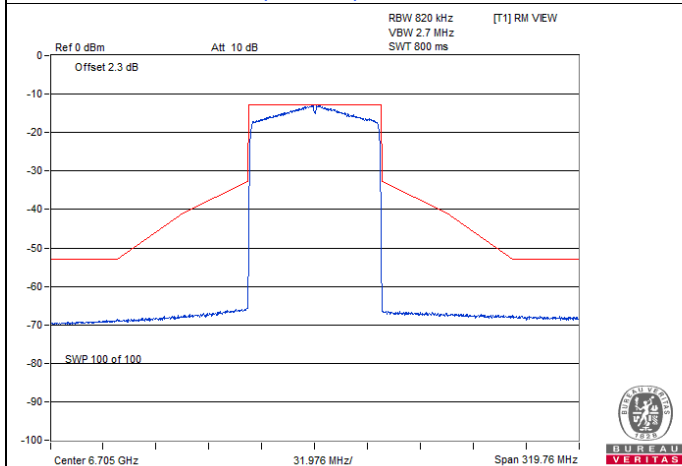
Spectrum Plot



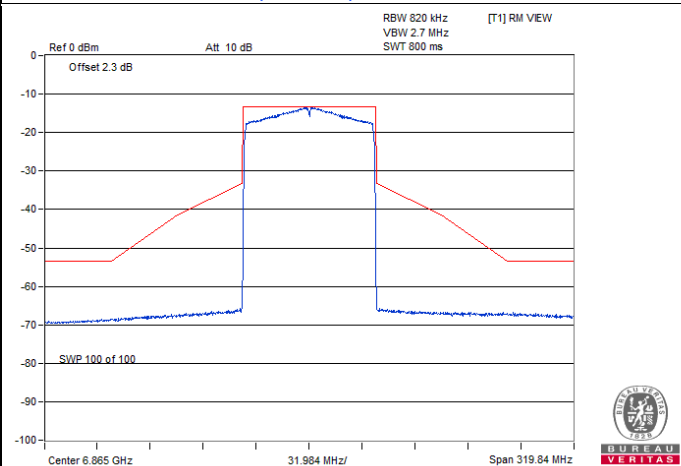
802.11be (EHT80) / Chain 1 : CH 103



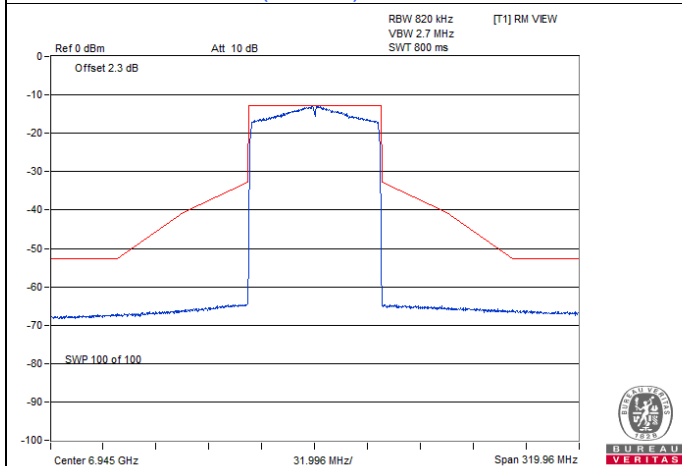
802.11be (EHT80) / Chain 1 : CH 119



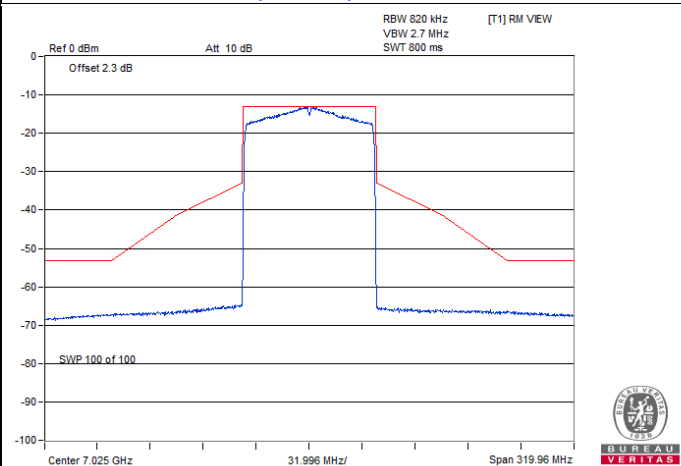
802.11be (EHT80) / Chain 1 : CH 151



802.11be (EHT80) / Chain 1 : CH 183



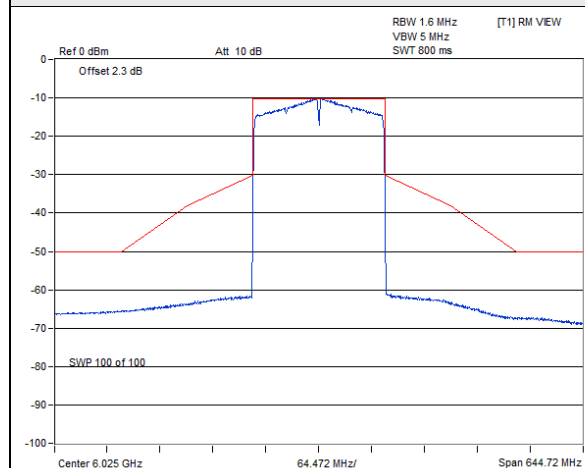
802.11be (EHT80) / Chain 1 : CH 199



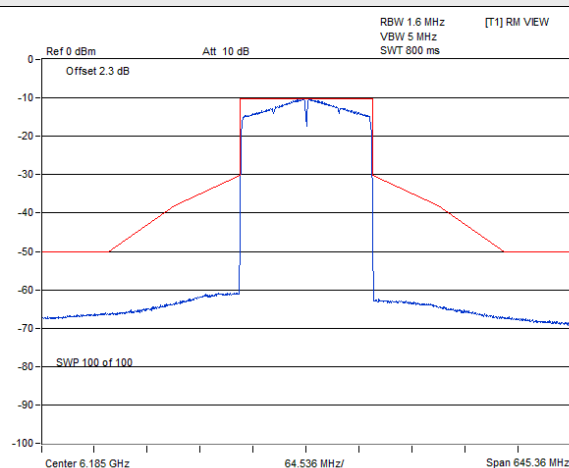
802.11be (EHT80) / Chain 1 : CH 215

802.11be (EHT160) 2S2T

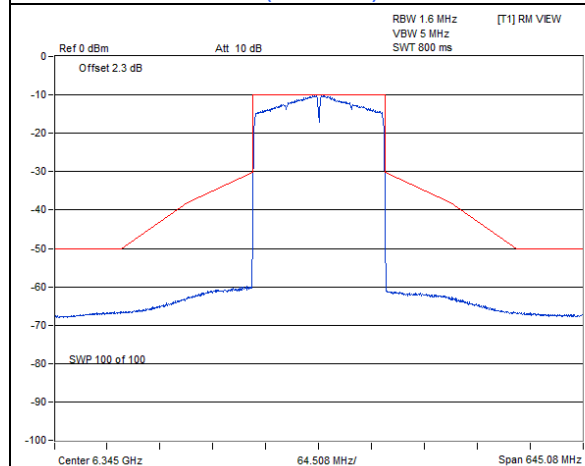
Spectrum Plot



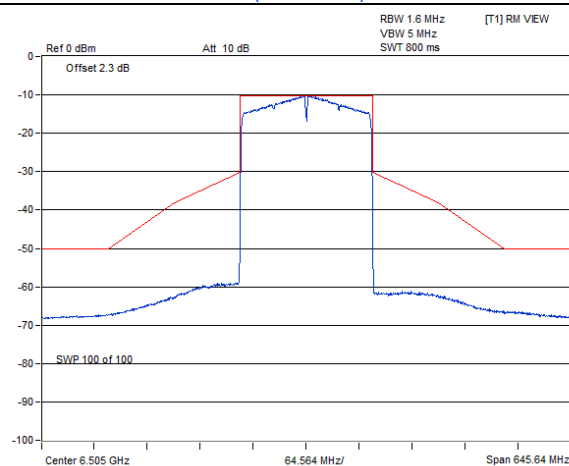
802.11be (EHT160) / Chain 0 : CH 15



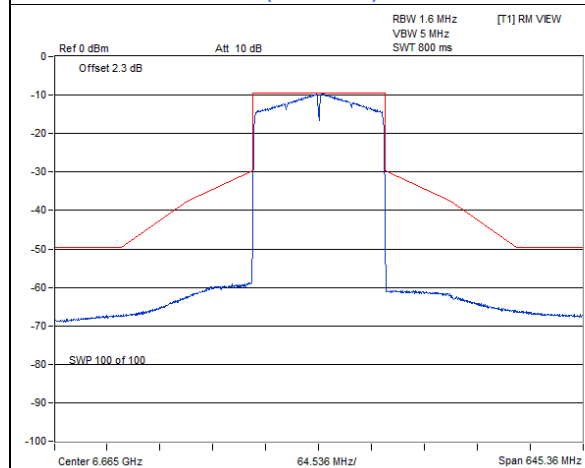
802.11be (EHT160) / Chain 0 : CH 47



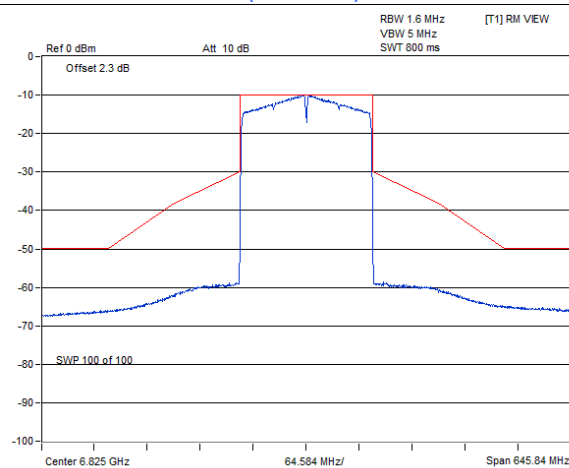
802.11be (EHT160) / Chain 0 : CH 79



802.11be (EHT160) / Chain 0 : CH 111

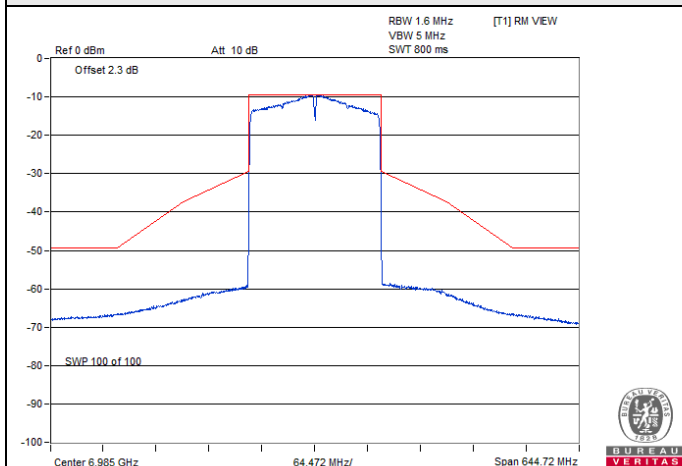


802.11be (EHT160) / Chain 0 : CH 143

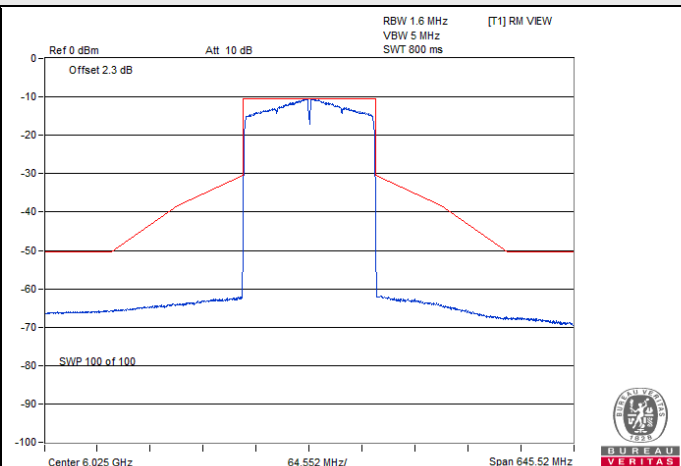


802.11be (EHT160) / Chain 0 : CH 175

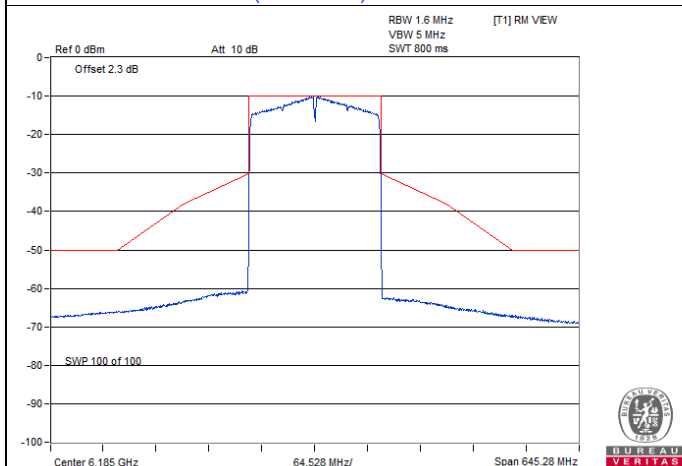
Spectrum Plot



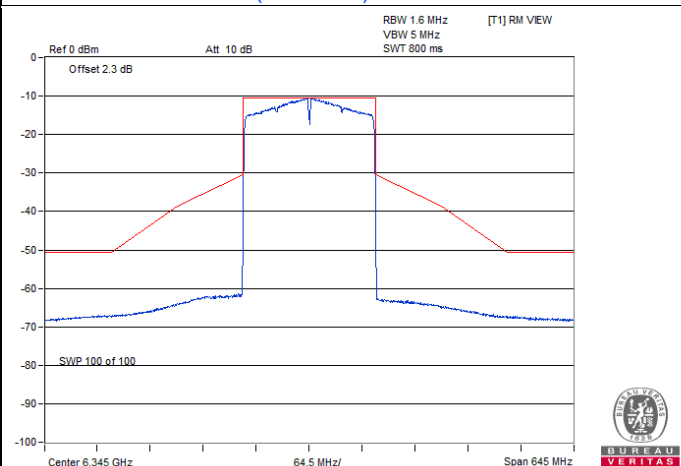
802.11be (EHT160) / Chain 0 : CH 207



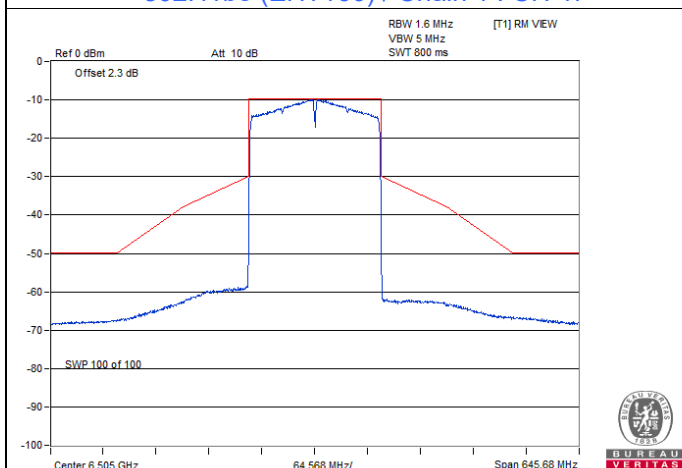
802.11be (EHT160) / Chain 1 : CH 15



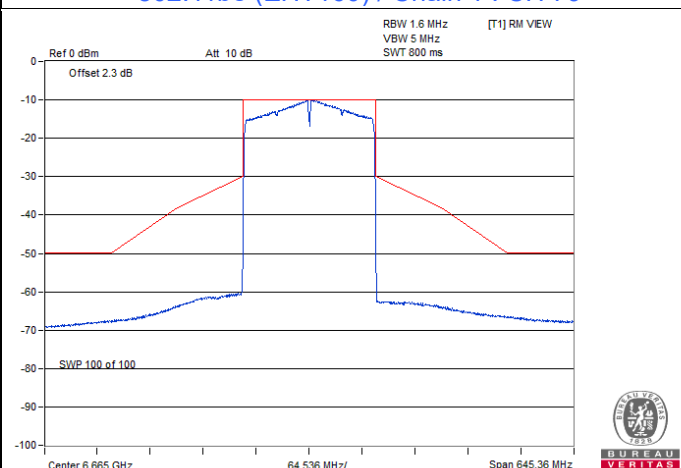
802.11be (EHT160) / Chain 1 : CH 47



802.11be (EHT160) / Chain 1 : CH 79

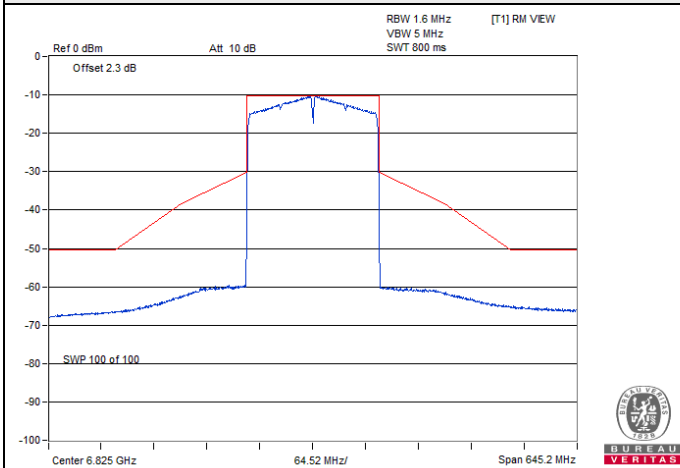


802.11be (EHT160) / Chain 1 : CH 111

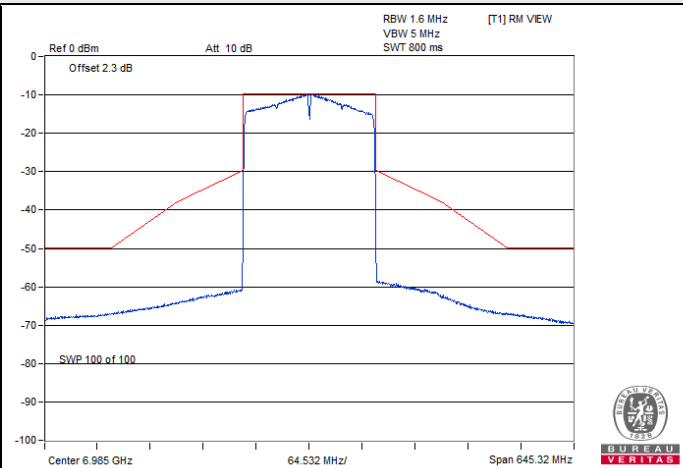


802.11be (EHT160) / Chain 1 : CH 143

Spectrum Plot



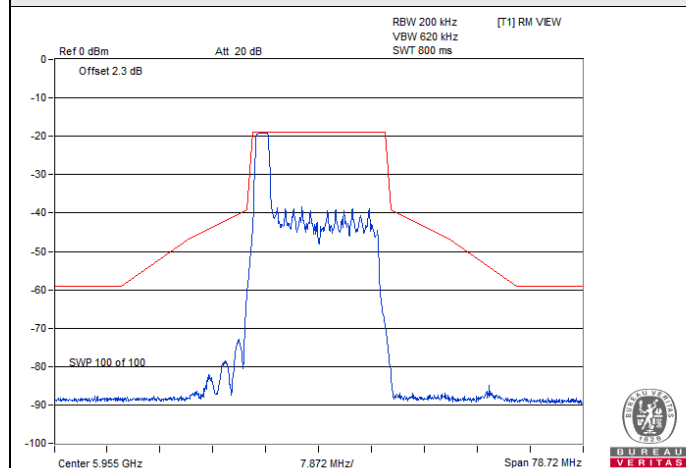
802.11be (EHT160) / Chain 1 : CH 175



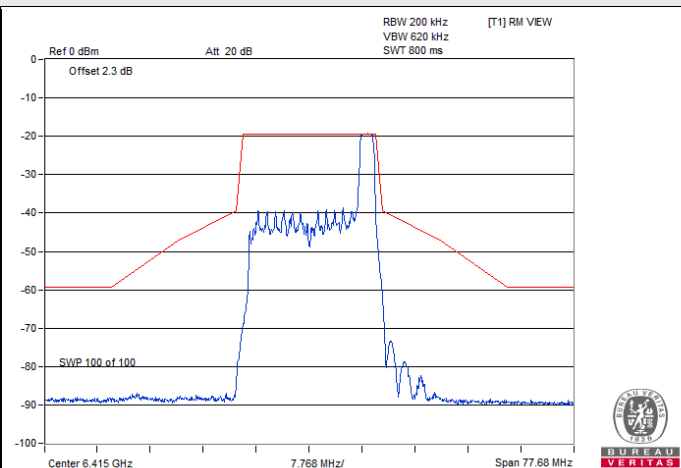
802.11be (EHT160) / Chain 1 : CH 207

802.11be (EHT20) 26-tone RU 2S2T

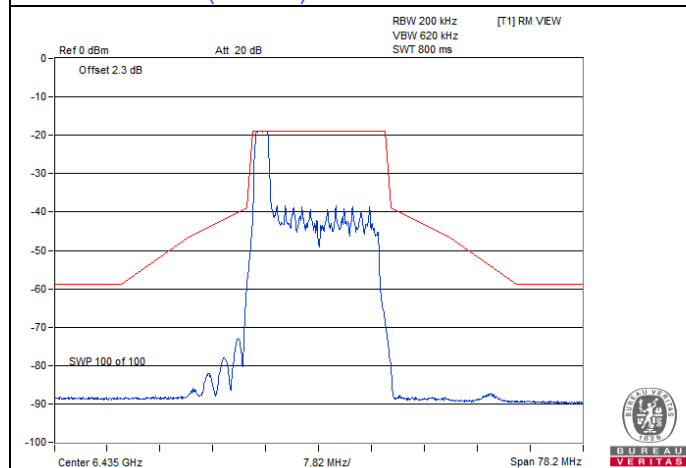
Spectrum Plot



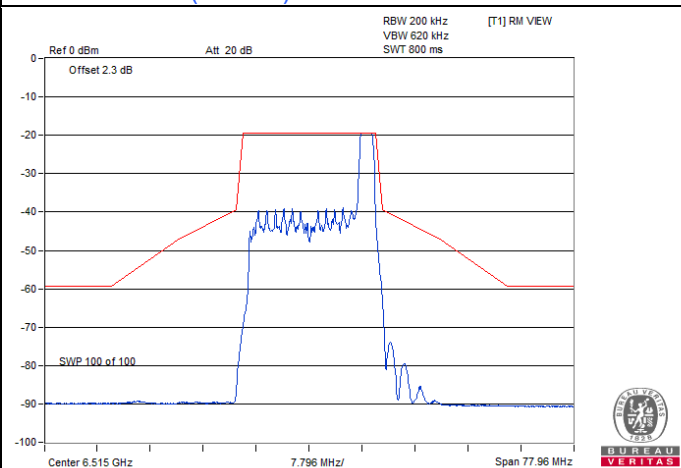
802.11be (EHT20) 26-tone RU / Chain 0 : CH 1



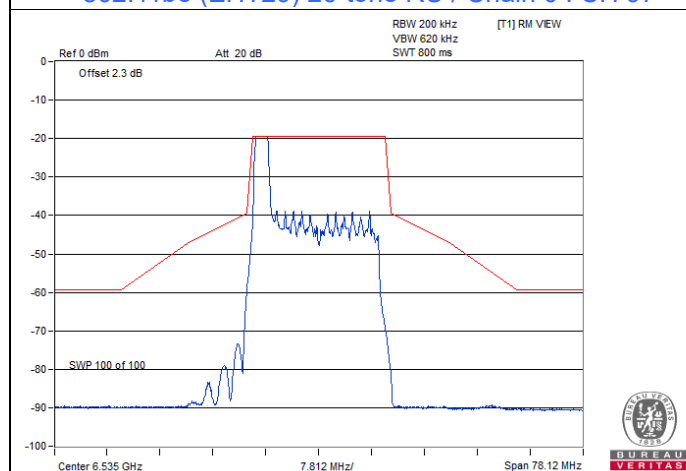
802.11be (EHT20) 26-tone RU / Chain 0 : CH 93



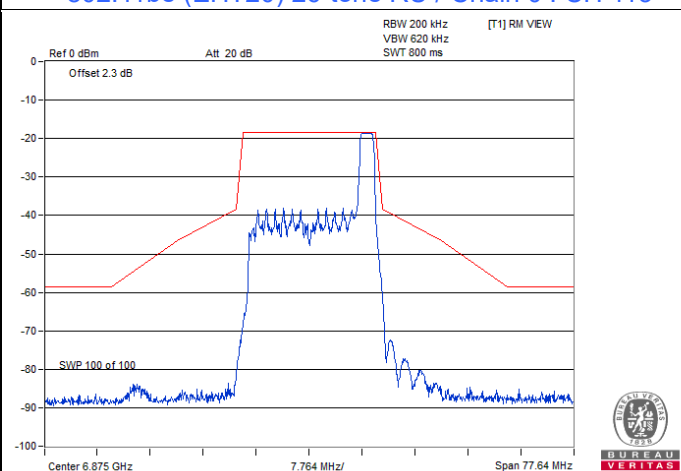
802.11be (EHT20) 26-tone RU / Chain 0 : CH 97



802.11be (EHT20) 26-tone RU / Chain 0 : CH 113

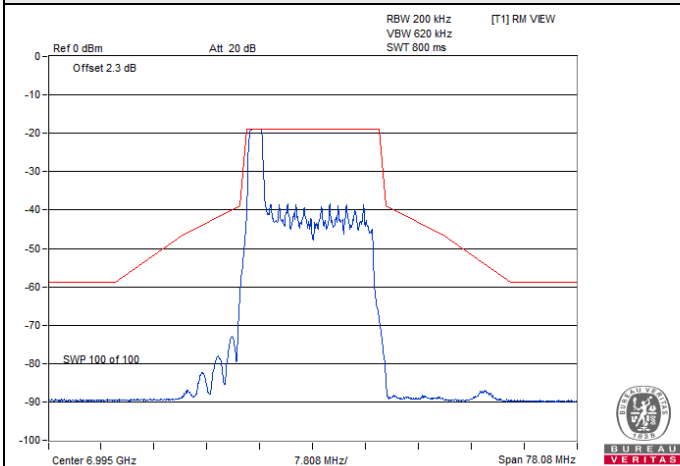


802.11be (EHT20) 26-tone RU / Chain 0 : CH 117

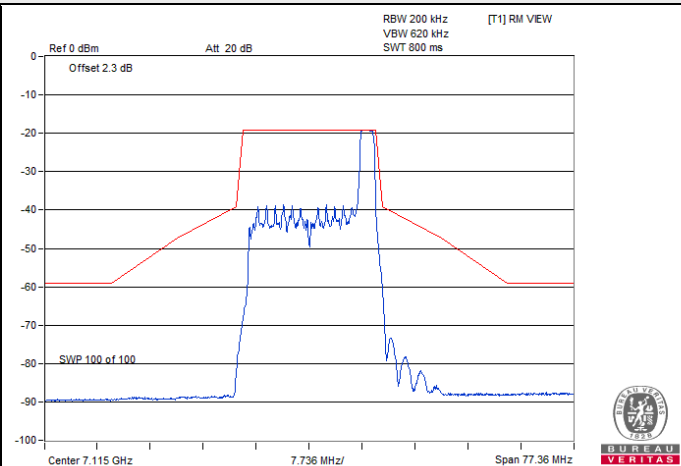


802.11be (EHT20) 26-tone RU / Chain 0 : CH 185

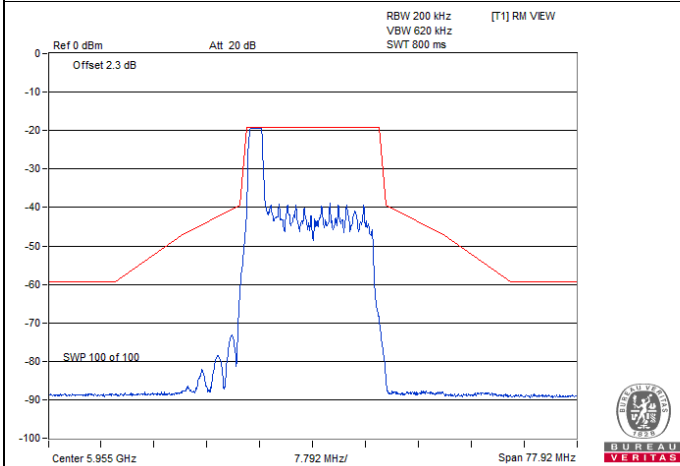
Spectrum Plot



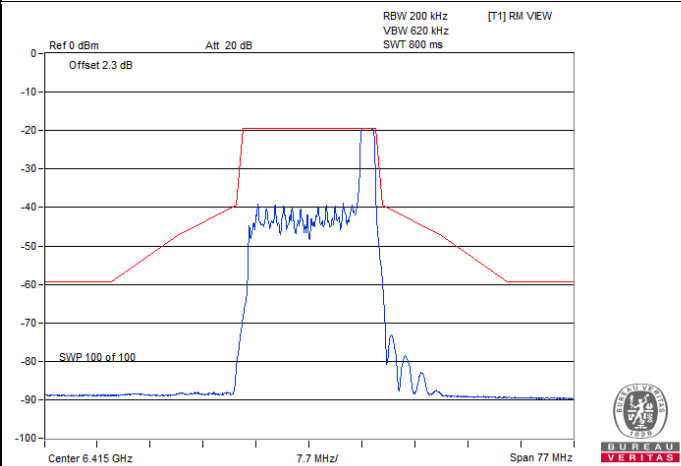
802.11be (EHT20) 26-tone RU / Chain 0 : CH 209



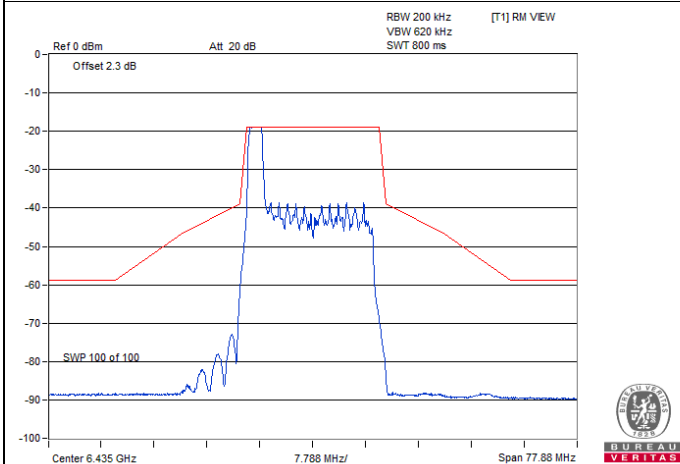
802.11be (EHT20) 26-tone RU / Chain 0 : CH 233



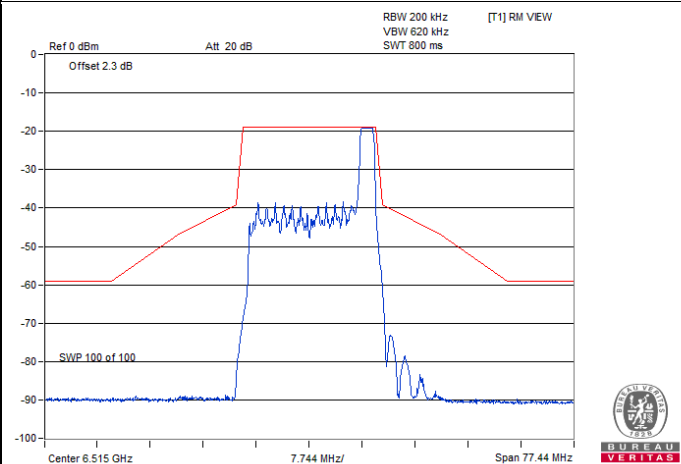
802.11be (EHT20) 26-tone RU / Chain 1 : CH 1



802.11be (EHT20) 26-tone RU / Chain 1 : CH 93

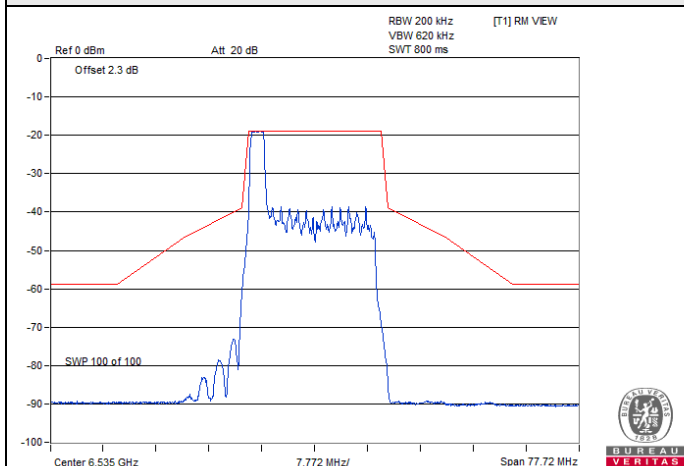


802.11be (EHT20) 26-tone RU / Chain 1 : CH 97

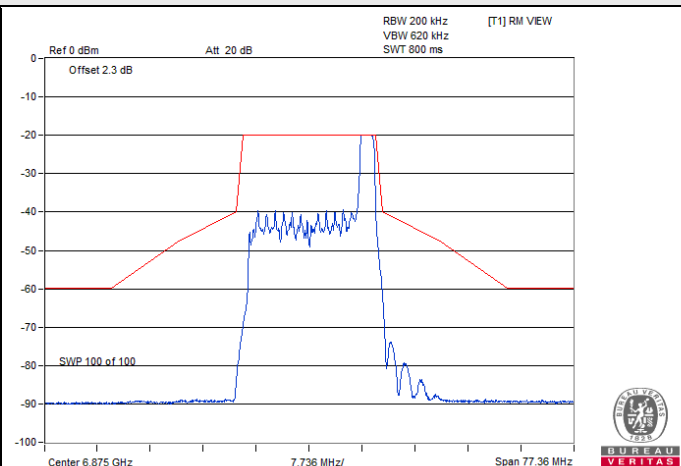


802.11be (EHT20) 26-tone RU / Chain 1 : CH 113

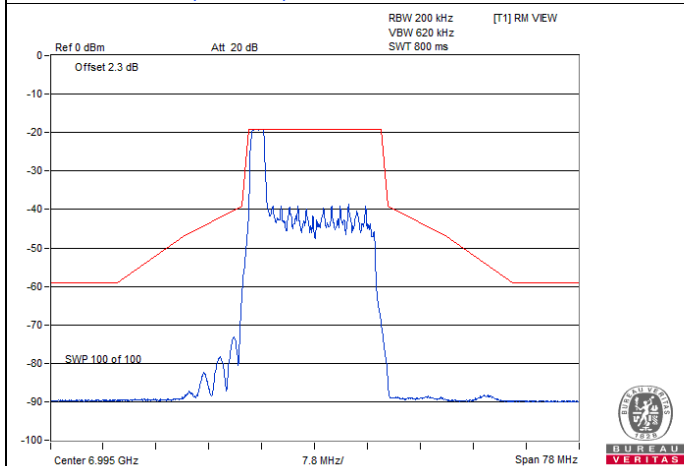
Spectrum Plot



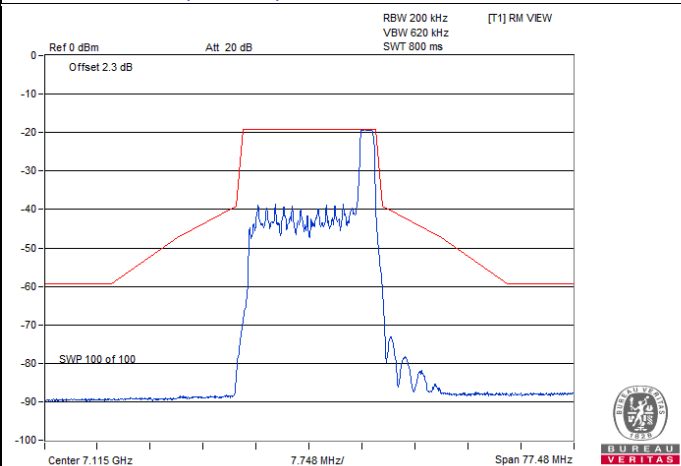
802.11be (EHT20) 26-tone RU / Chain 1 : CH 117



802.11be (EHT20) 26-tone RU / Chain 1 : CH 185



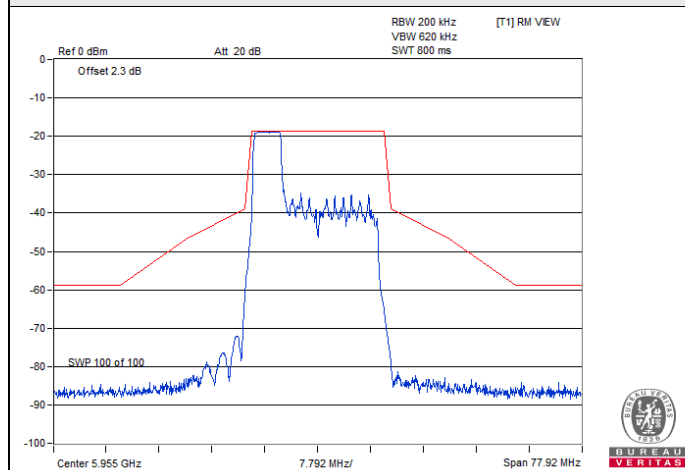
802.11be (EHT20) 26-tone RU / Chain 1 : CH 209



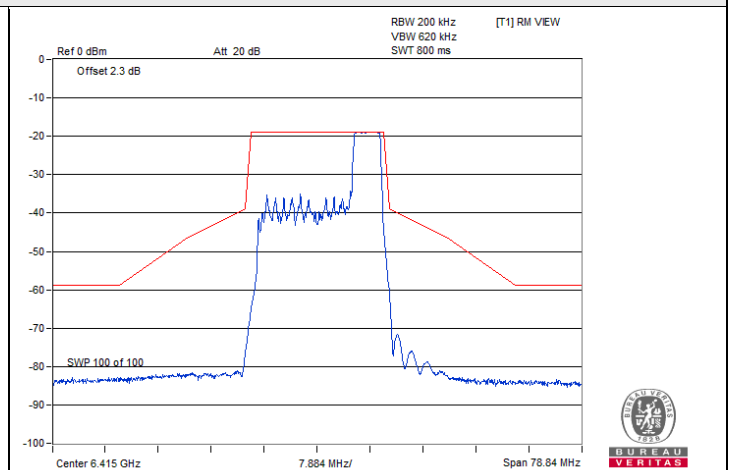
802.11be (EHT20) 26-tone RU / Chain 1 : CH 233

802.11be (EHT20) 52-tone RU 2S2T

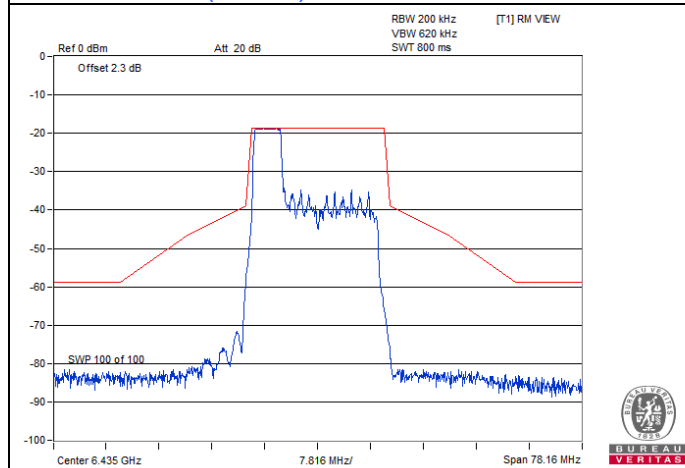
Spectrum Plot



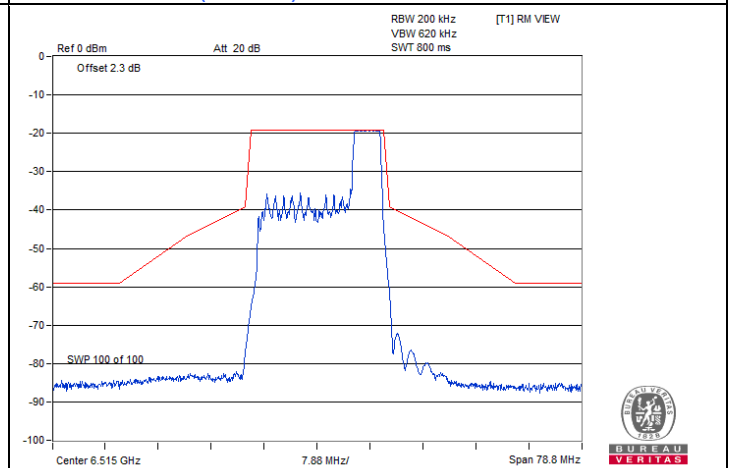
802.11be (EHT20) 52-tone RU / Chain 0 : CH 1



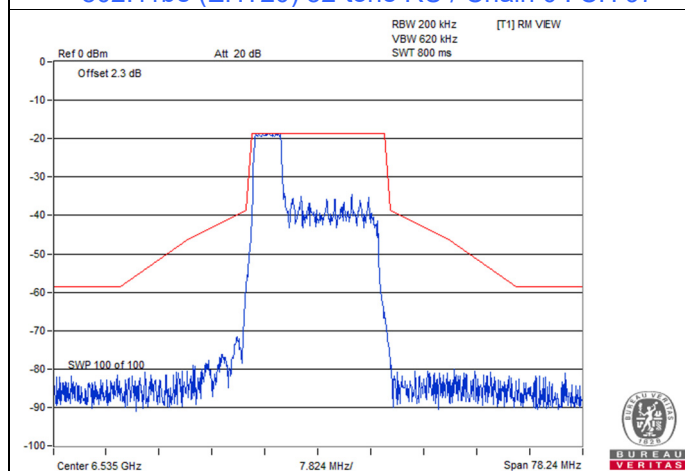
802.11be (EHT20) 52-tone RU / Chain 0 : CH 93



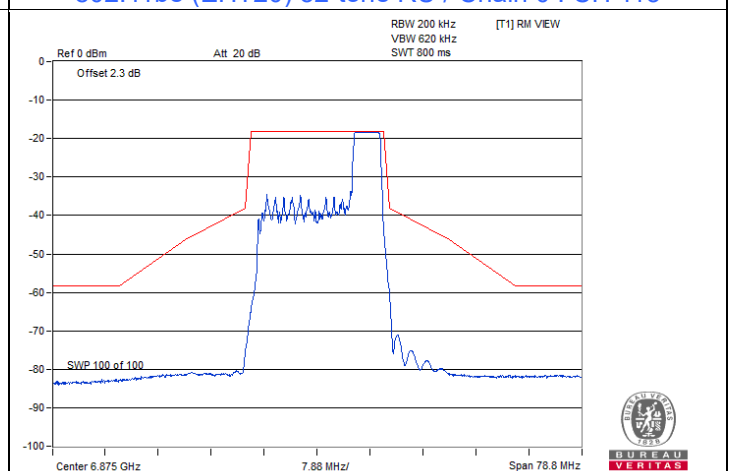
802.11be (EHT20) 52-tone RU / Chain 0 : CH 97



802.11be (EHT20) 52-tone RU / Chain 0 : CH 113

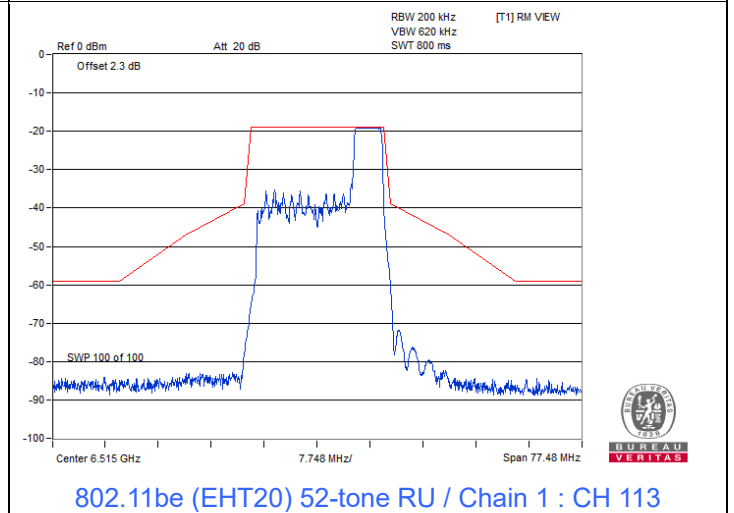
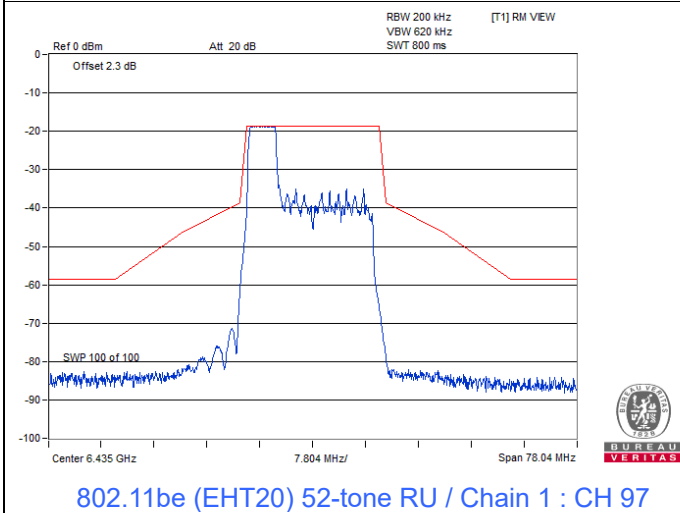
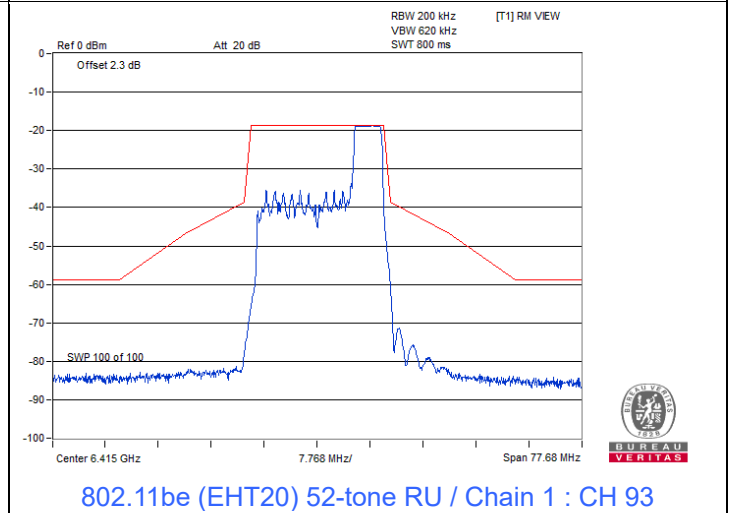
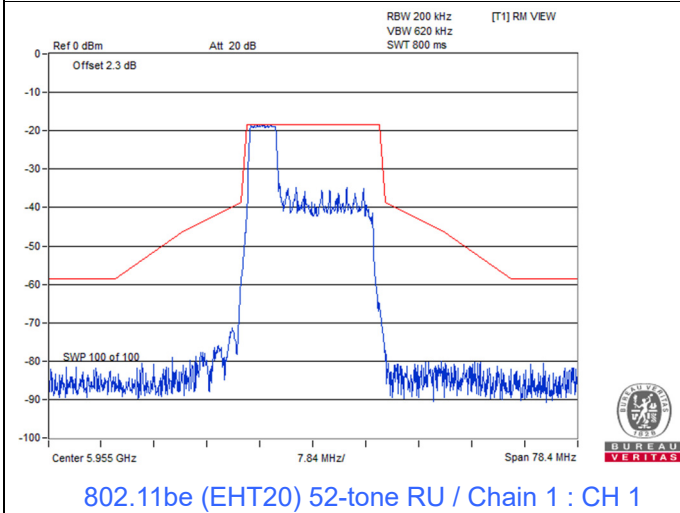
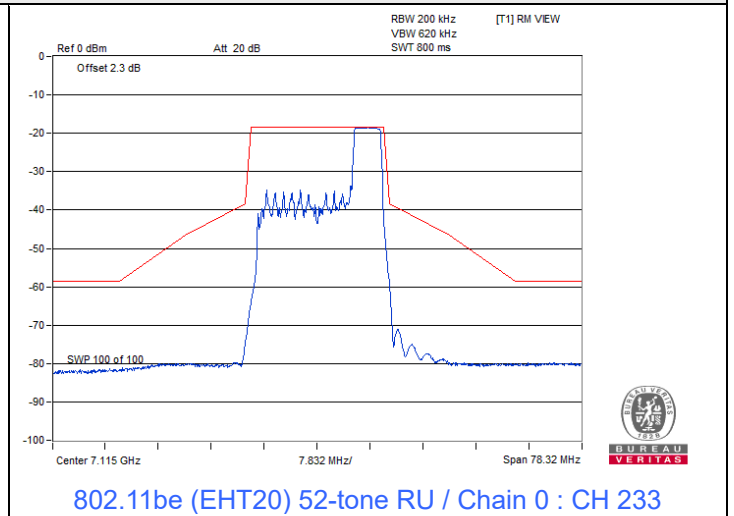
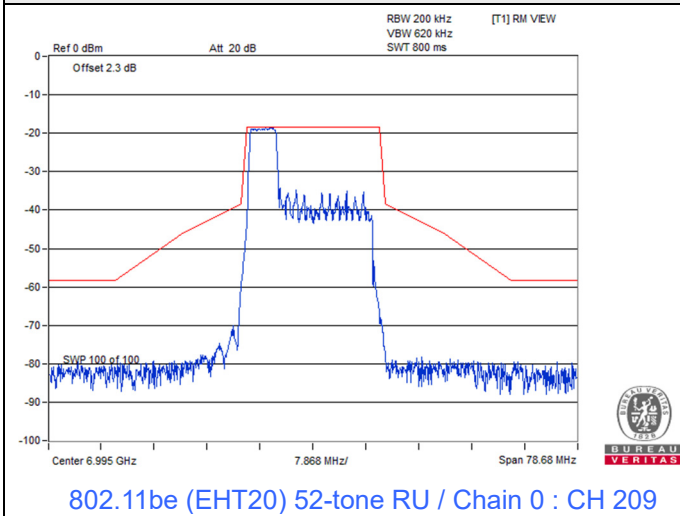


802.11be (EHT20) 52-tone RU / Chain 0 : CH 117

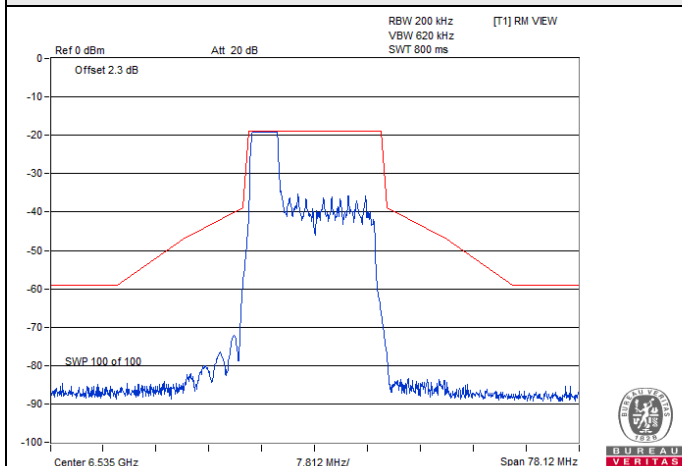


802.11be (EHT20) 52-tone RU / Chain 0 : CH 185

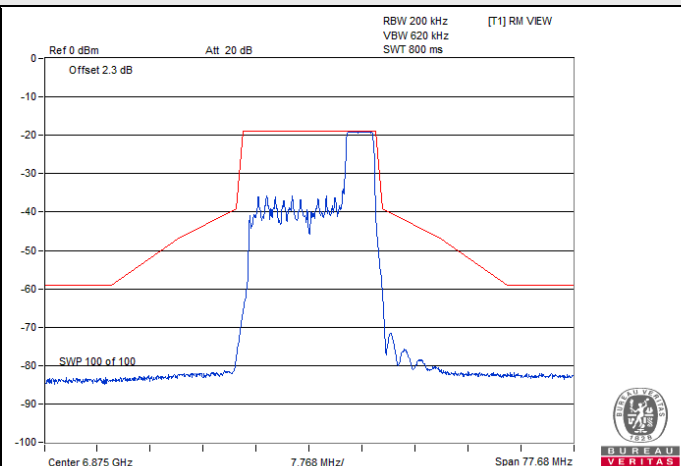
Spectrum Plot



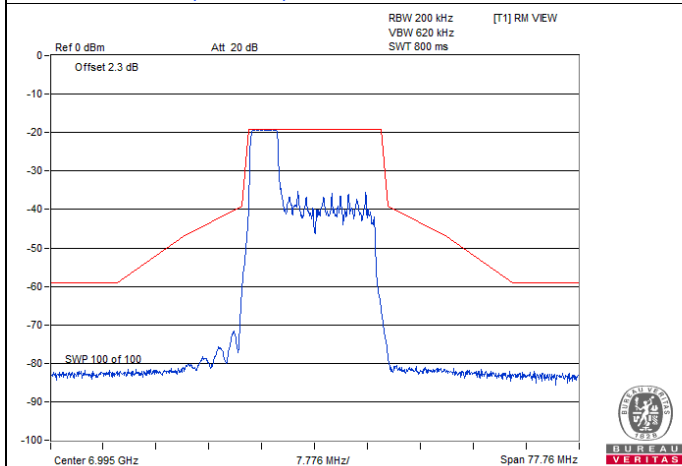
Spectrum Plot



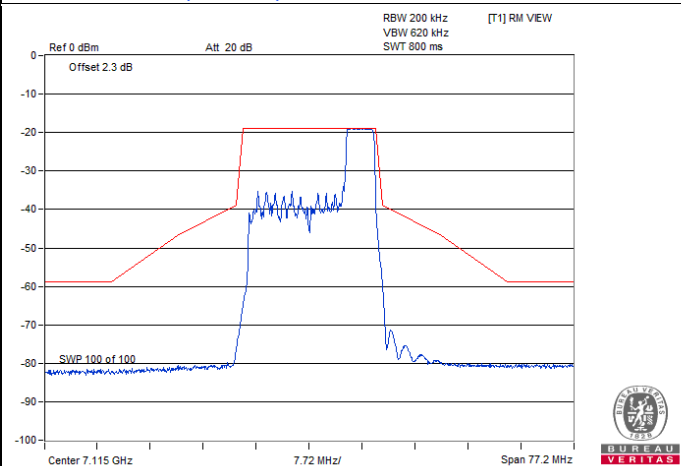
802.11be (EHT20) 52-tone RU / Chain 1 : CH 117



802.11be (EHT20) 52-tone RU / Chain 1 : CH 185



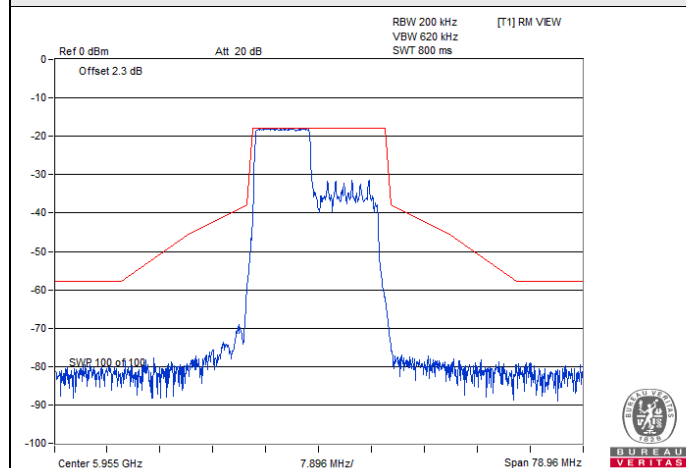
802.11be (EHT20) 52-tone RU / Chain 1 : CH 209



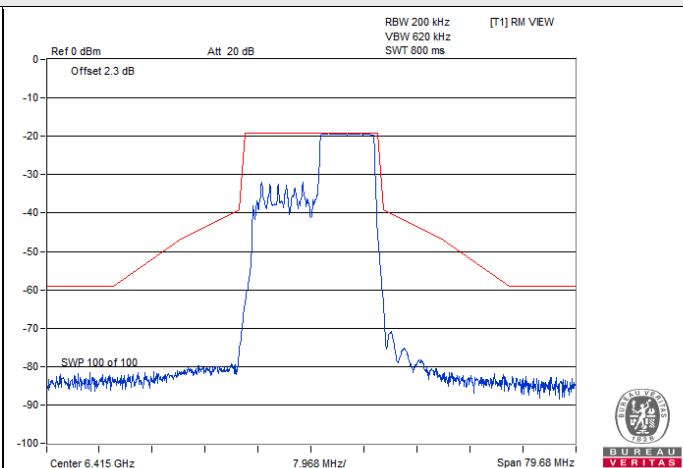
802.11be (EHT20) 52-tone RU / Chain 1 : CH 233

802.11be (EHT20) 106-tone RU 2S2T

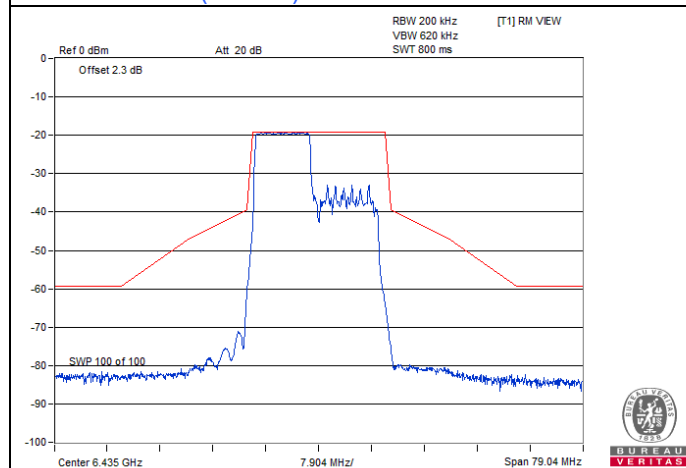
Spectrum Plot



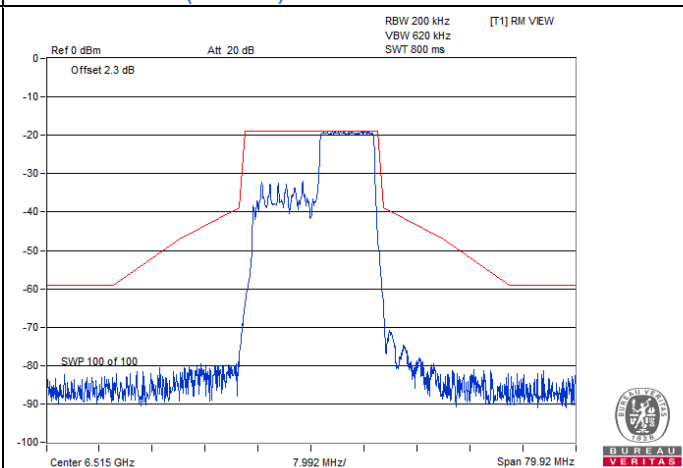
802.11be (EHT20) 106-tone RU / Chain 0 : CH 1



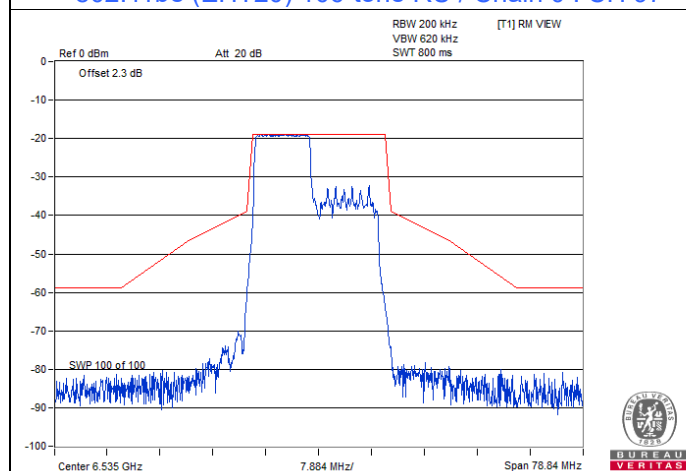
802.11be (EHT20) 106-tone RU / Chain 0 : CH 93



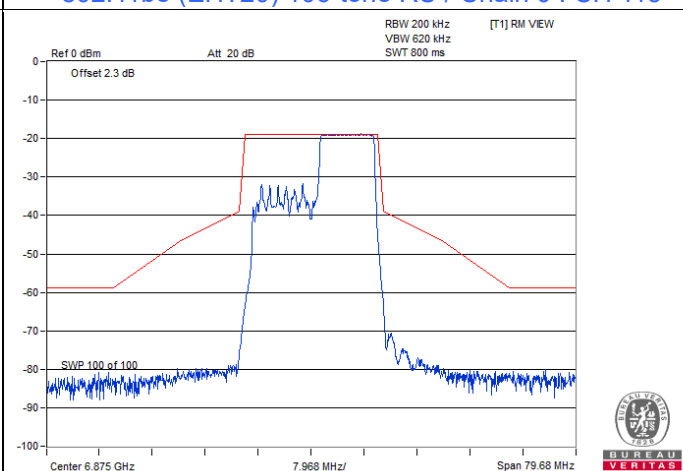
802.11be (EHT20) 106-tone RU / Chain 0 : CH 97



802.11be (EHT20) 106-tone RU / Chain 0 : CH 113

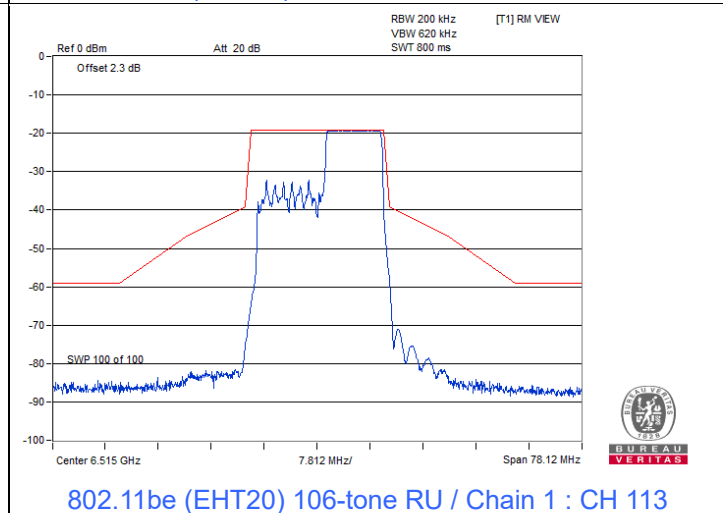
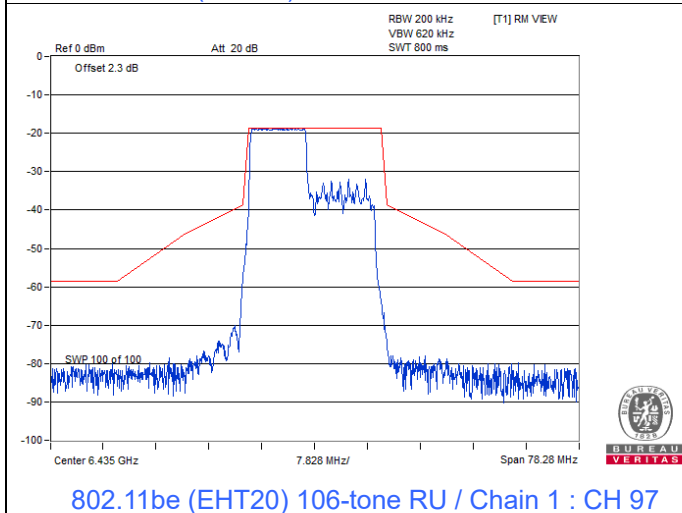
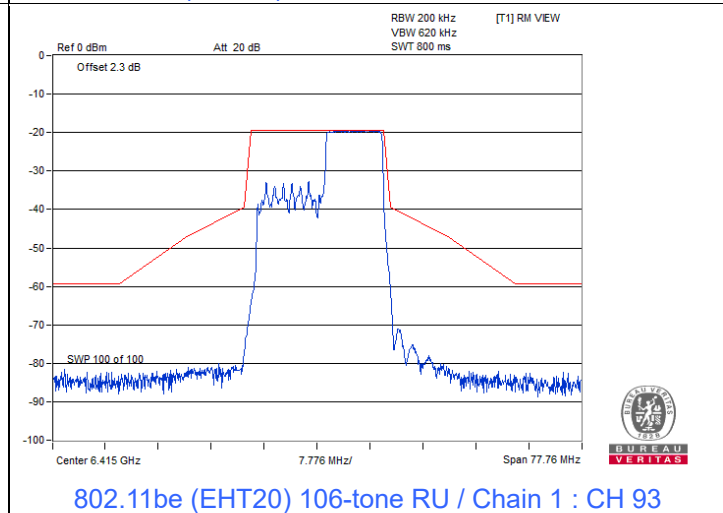
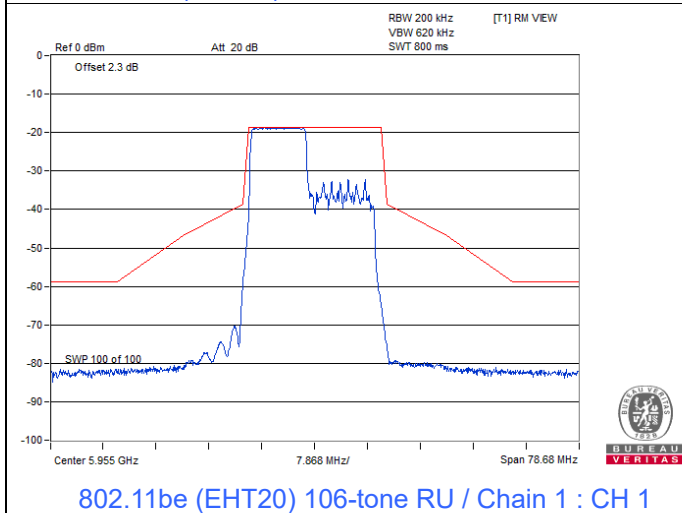
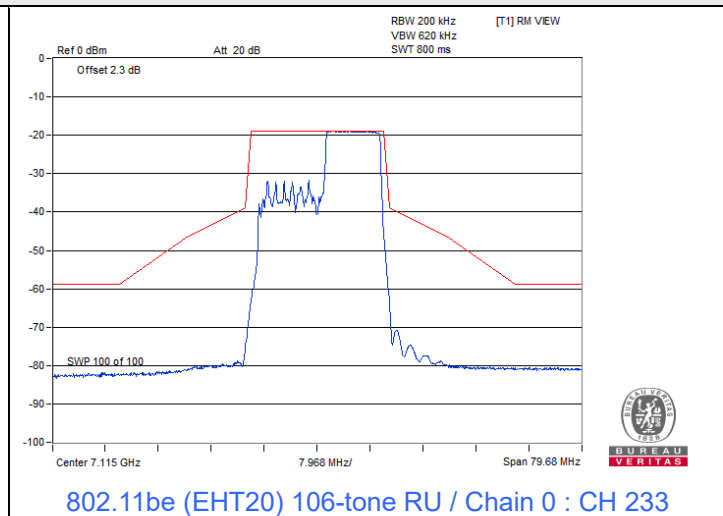
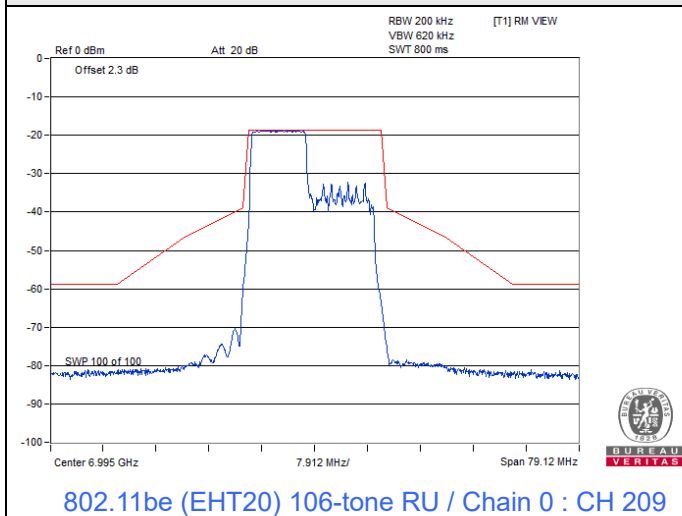


802.11be (EHT20) 106-tone RU / Chain 0 : CH 117

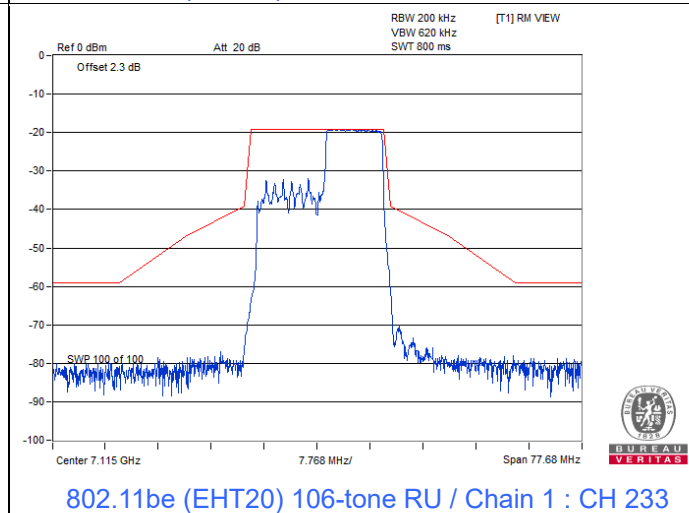
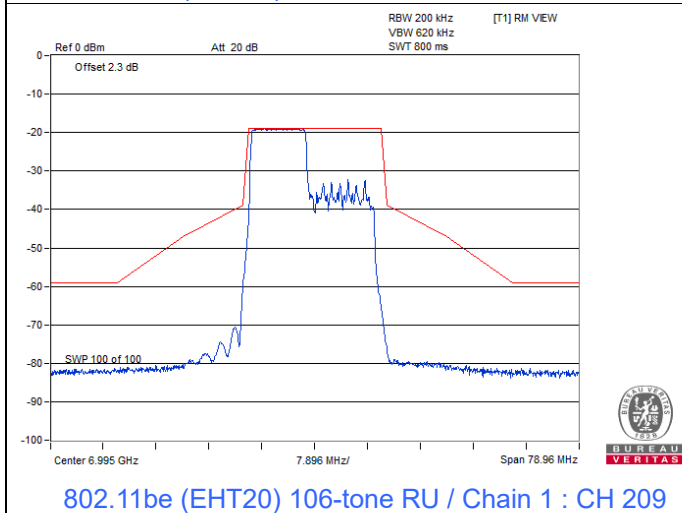
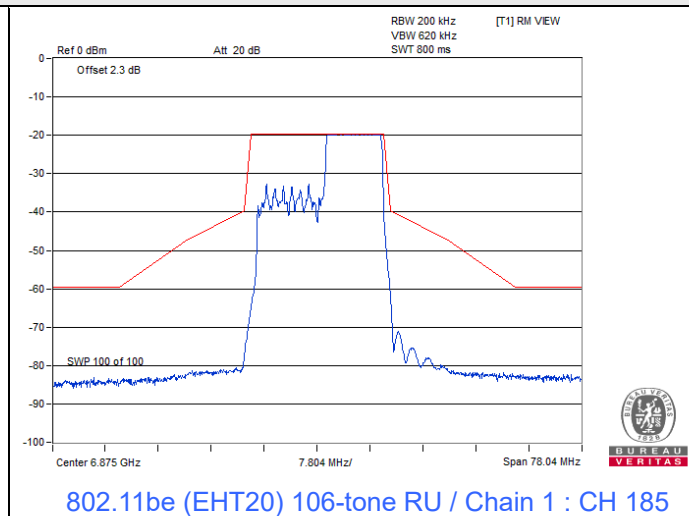
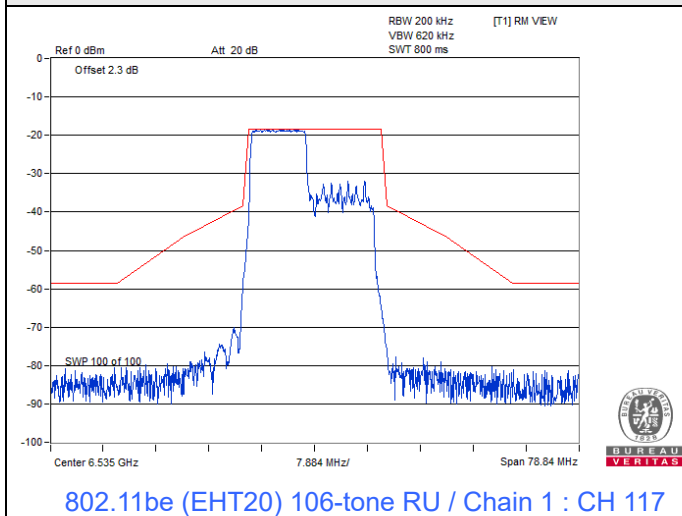


802.11be (EHT20) 106-tone RU / Chain 0 : CH 185

Spectrum Plot

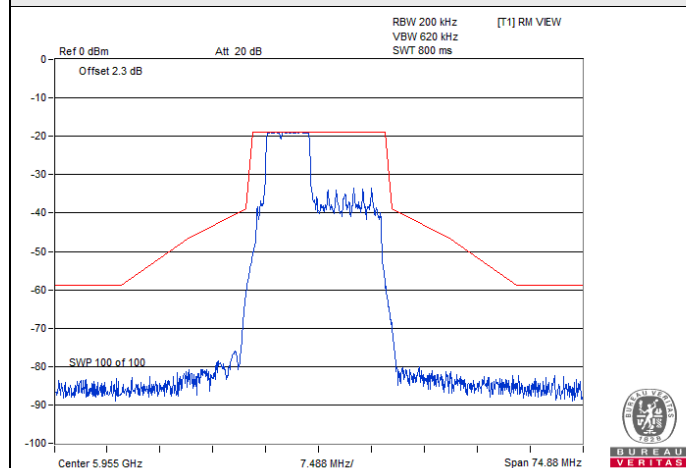


Spectrum Plot

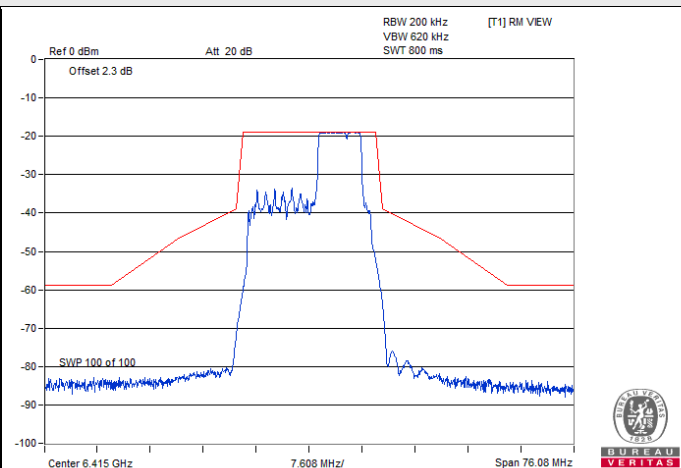


802.11be (EHT20) 52+26-tone MRU 2S2T

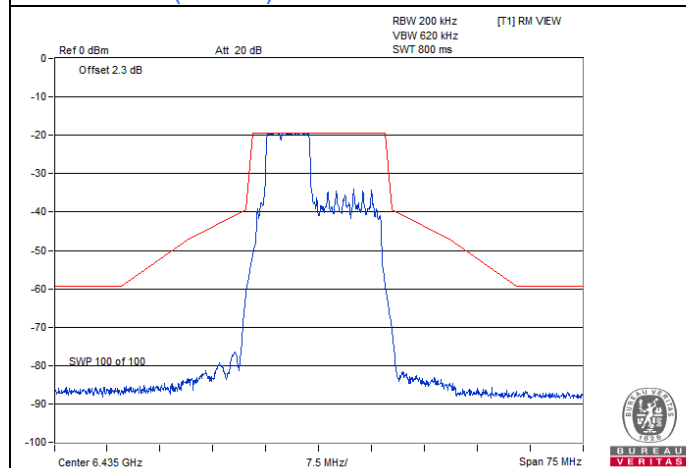
Spectrum Plot



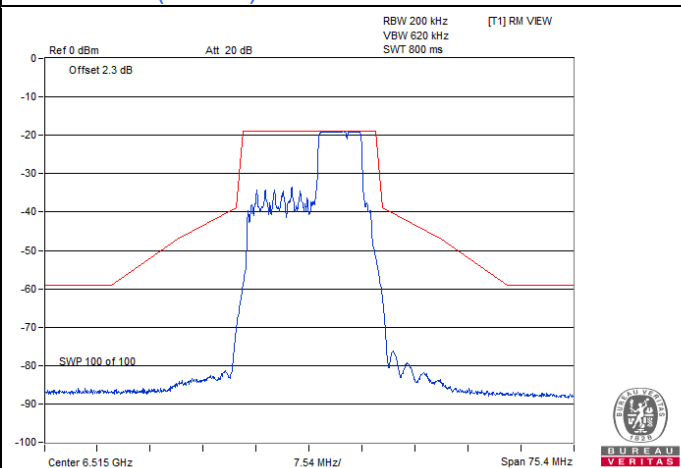
802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 1



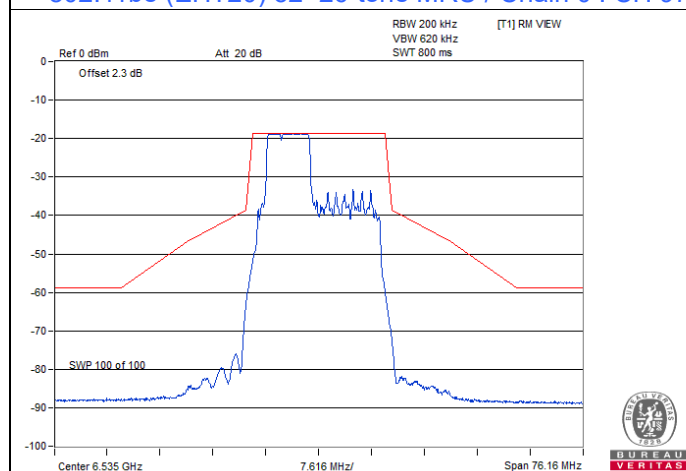
802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 93



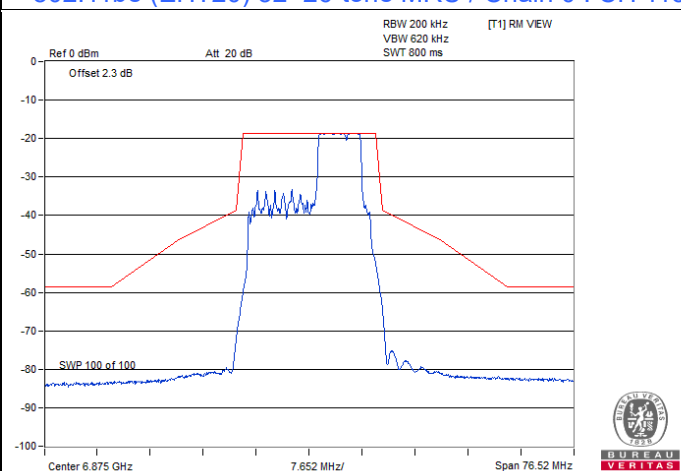
802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 97



802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 113

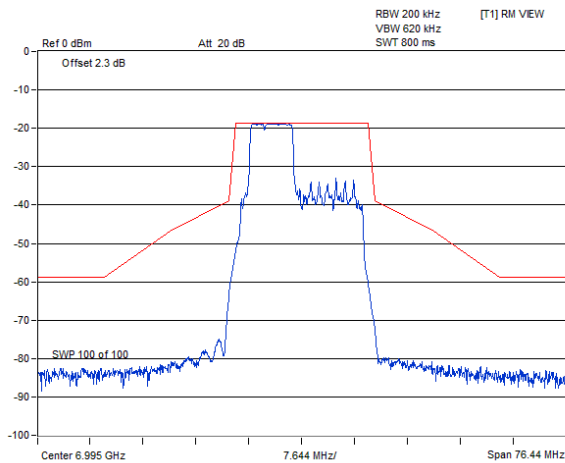


802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 117

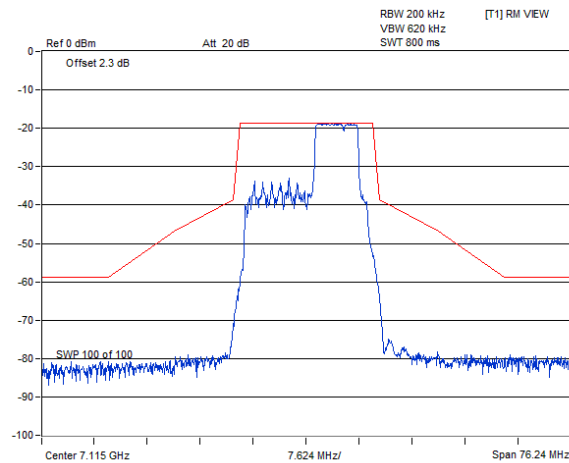


802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 185

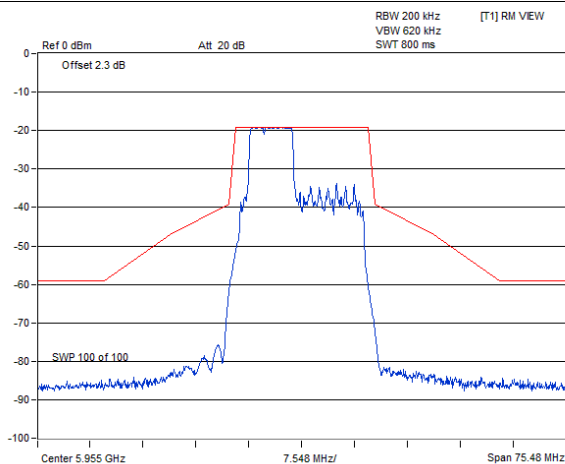
Spectrum Plot



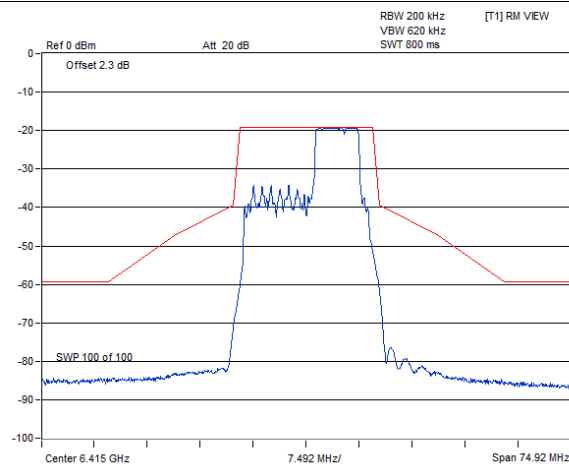
802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 209



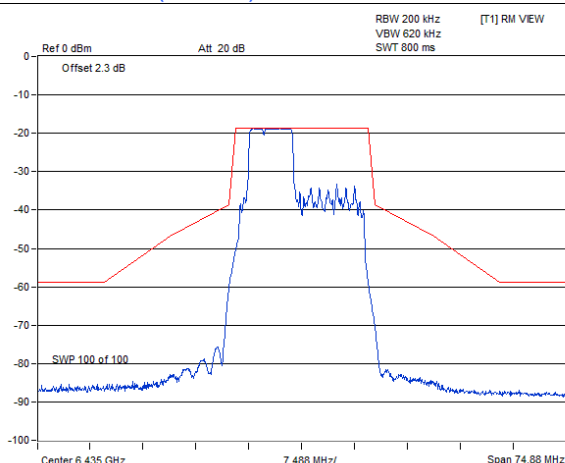
802.11be (EHT20) 52+26-tone MRU / Chain 0 : CH 233



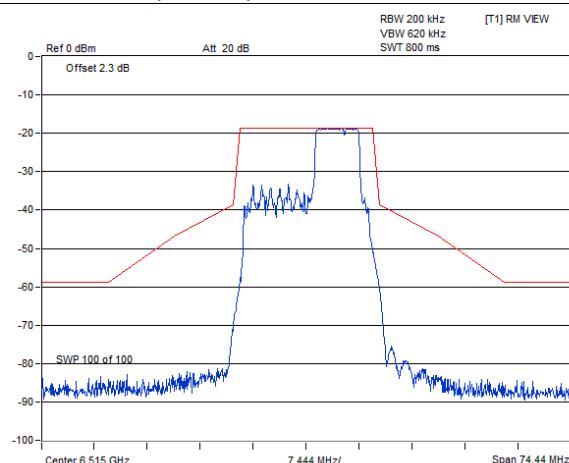
802.11be (EHT20) 52+26-tone MRU / Chain 1 : CH 1



802.11be (EHT20) 52+26-tone MRU / Chain 1 : CH 93

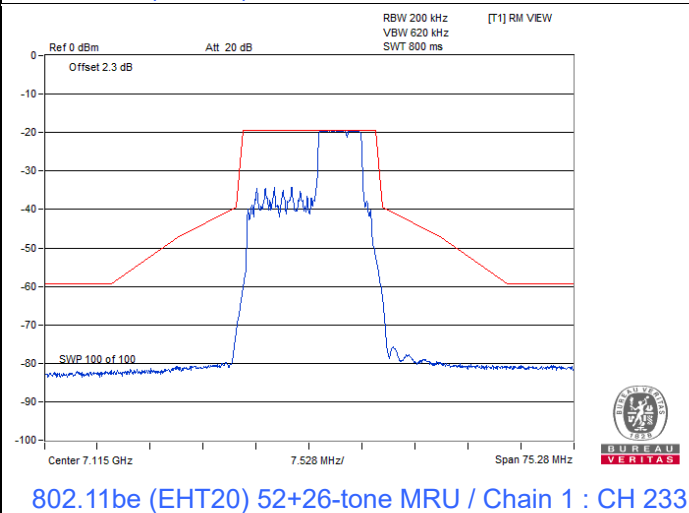
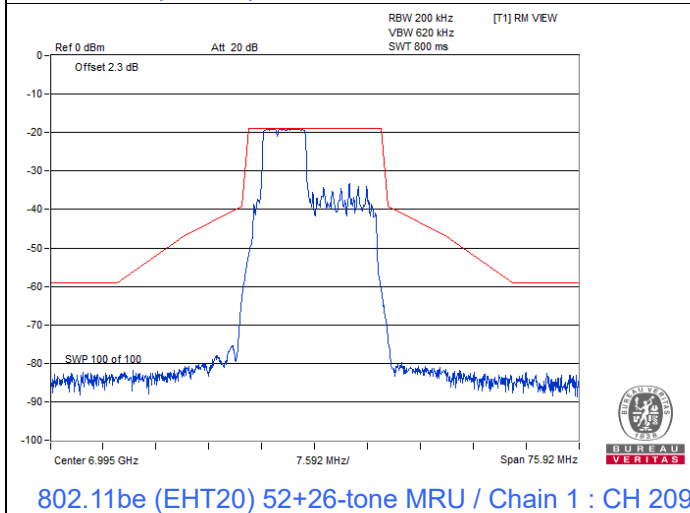
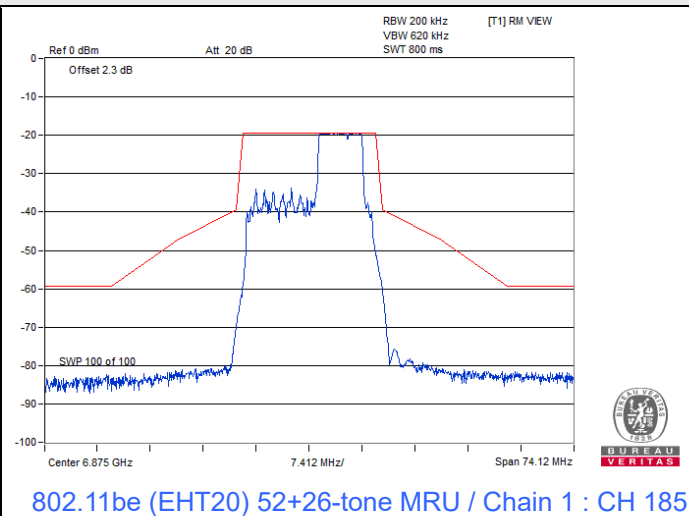
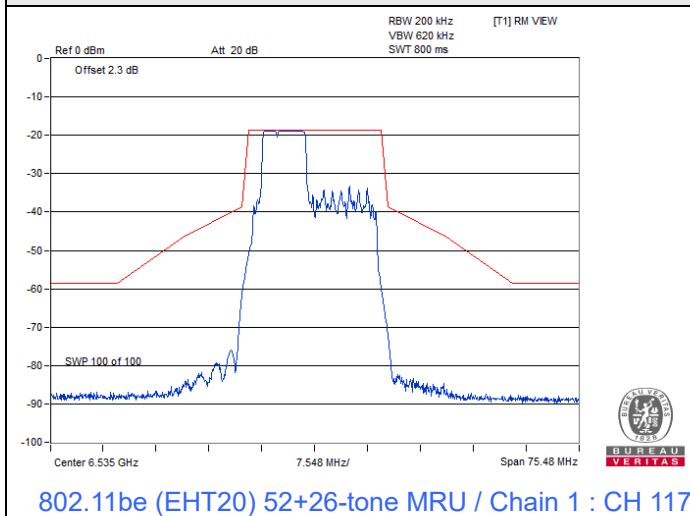


802.11be (EHT20) 52+26-tone MRU / Chain 1 : CH 97



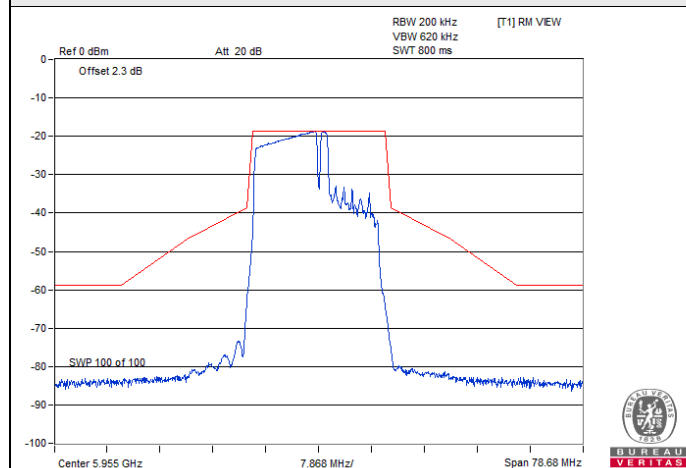
802.11be (EHT20) 52+26-tone MRU / Chain 1 : CH 113

Spectrum Plot

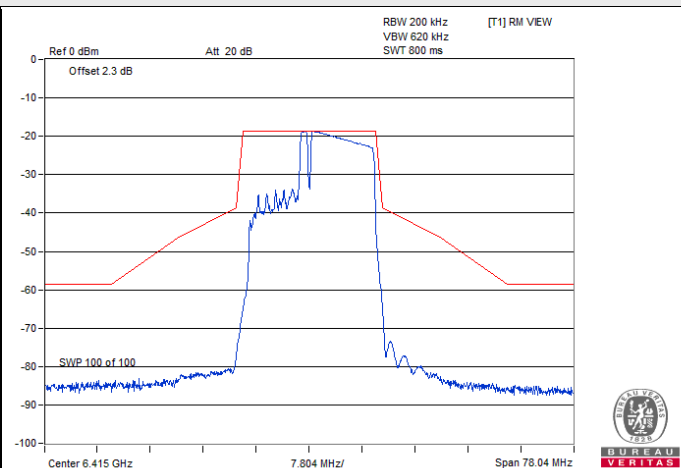


802.11be (EHT20) 106+26-tone MRU 2S2T

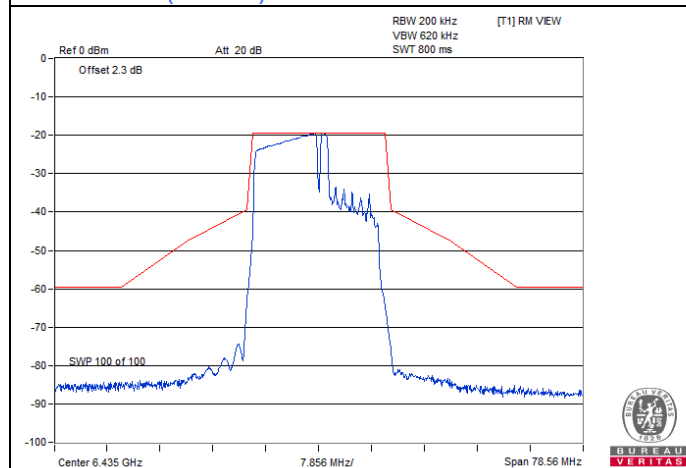
Spectrum Plot



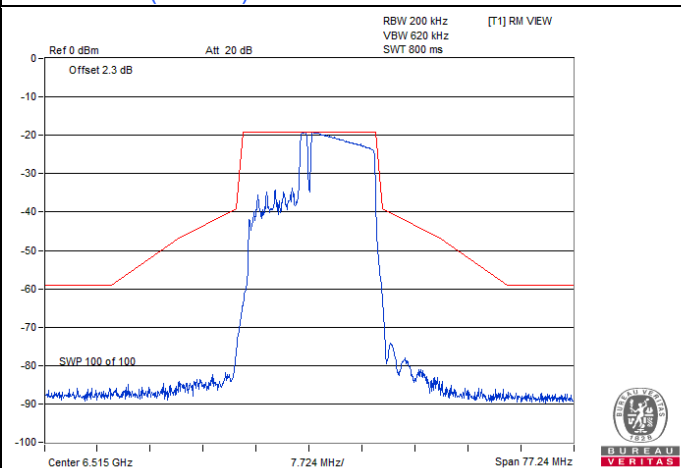
802.11be (EHT20) 106+26-tone MRU / Chain 0 : CH 1



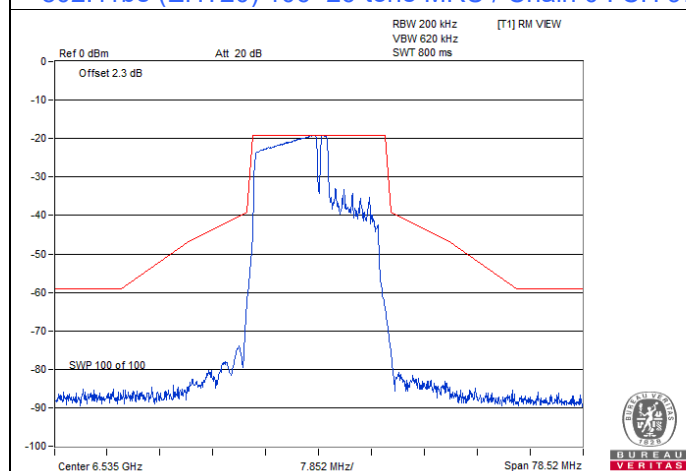
802.11be (EHT20) 106+26-tone MRU / Chain 0 : CH 93



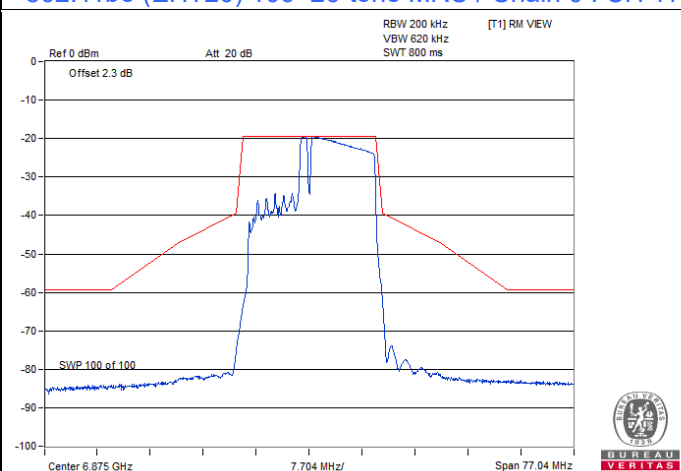
802.11be (EHT20) 106+26-tone MRU / Chain 0 : CH 97



802.11be (EHT20) 106+26-tone MRU / Chain 0 : CH 113

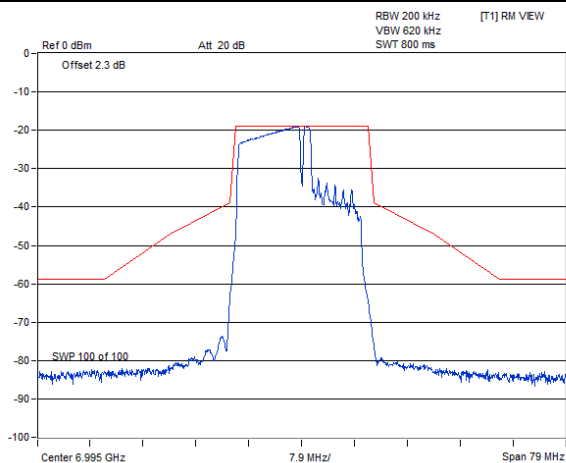


802.11be (EHT20) 106+26-tone MRU / Chain 0 : CH 117

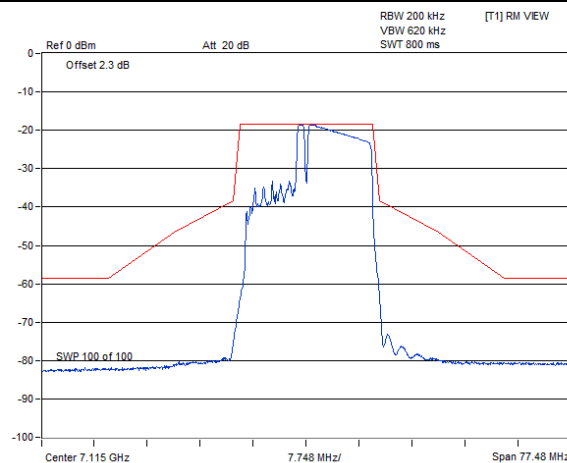


802.11be (EHT20) 106+26-tone MRU / Chain 0 : CH 185

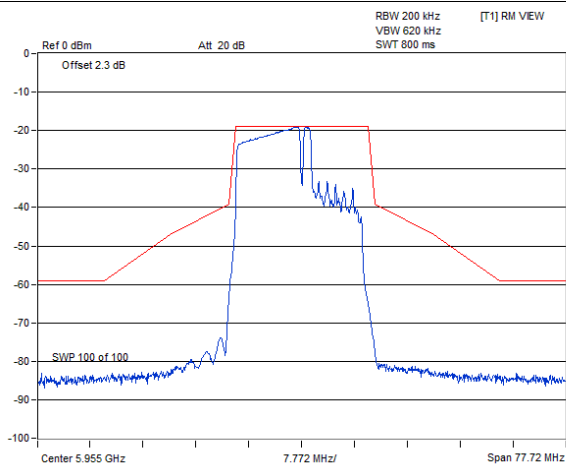
Spectrum Plot



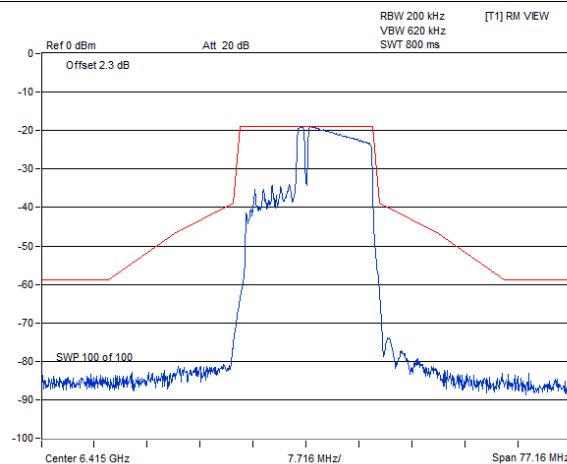
802.11be (EHT20) 106+26-tone MRU / Chain 0 : CH 209



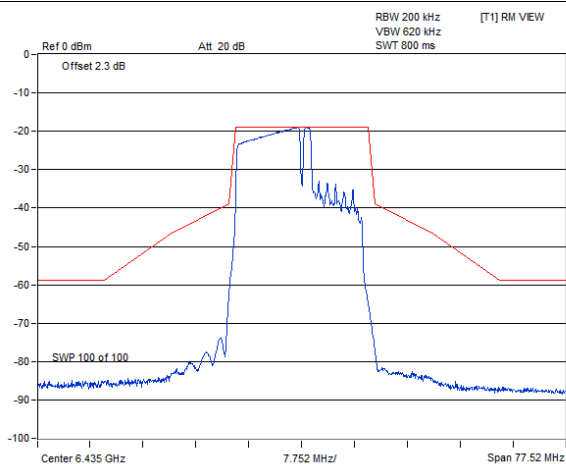
802.11be (EHT20) 106+26-tone MRU / Chain 0 : CH 233



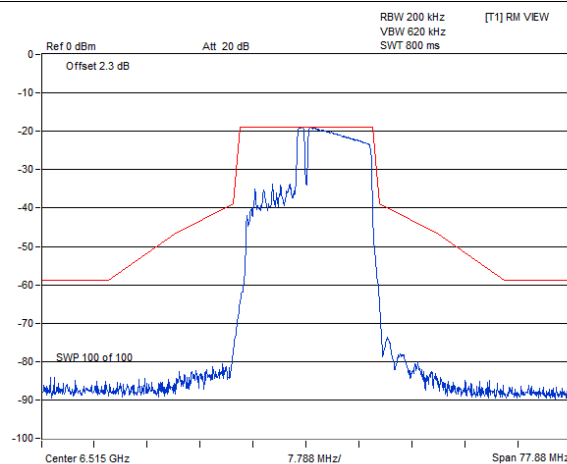
802.11be (EHT20) 106+26-tone MRU / Chain 1 : CH 1



802.11be (EHT20) 106+26-tone MRU / Chain 1 : CH 93



802.11be (EHT20) 106+26-tone MRU / Chain 1 : CH 97



802.11be (EHT20) 106+26-tone MRU / Chain 1 : CH 113

Spectrum Plot

