TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 15, Subpart E (Section 15.407)**
Report No.:	RFBARR-WTW-P23110067-5
FCC ID:	RAS-MT7925B14L
Product:	2TX 11be (WiFi7) BW160 + BT/BLE Combo Card
Brand:	MediaTek
Model No.:	MT7925B14L
Received Date:	2023/11/6
Test Date:	2023/12/5 ~ 2024/1/24
Issued Date:	2024/2/23
Applicant:	MediaTek Inc.
Address:	No. 1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu City, 30078 Taiwan
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location(1):	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location(2):	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kewi Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	723255 / TW2022 for Test Location(1) 788550 / TW0003 for Test Location(2)

Approved by: _____ , **Date:** 2024/2/23

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-P23110067-5	Original release.	2024/2/23

1 Certificate

Product:	2TX 11be (WiFi7) BW160 + BT/BLE Combo Card
Brand:	MediaTek
Test Model:	MT7925B14L
Sample Status:	Engineering sample
Applicant:	MediaTek Inc.
Test Date:	2023/12/5 ~ 2024/1/24
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407)
Measurement procedure:	ANSI C63.10-2013 KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01 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)(8)	Maximum RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(8)	Maximum Power Spectral Density	Pass	Meet the requirement of limit.
15.407(a)(10)	Emission Bandwidth	Pass	Meet the requirement of limit.
15.407(a)(10)	Occupied Bandwidth	Pass	Meet the requirement of limit.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -10.59 dB at 0.15781 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -0.5 dB at 214.52 MHz
15.407(b)(6) 15.407(b)(10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.22 dB at 5923.15
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(g)	Frequency Stability	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	-	1.1 dB
Emission Bandwidth	-	1050.00 Hz
In-Band Emission Mask	9 kHz ~ 40 GHz	2.6 dB
Occupied Bandwidth	-	1050.00 Hz
Frequency Stability	-	0.16 ppm
AC Power Conducted Emissions	150 kHz ~ 30 MHz	1.9 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.5 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.1 dB
	18 GHz ~ 40 GHz	5.3 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description of EUT

Product	2TX 11be (WiFi7) BW160 + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7925B14L
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: 99.771 mW (19.99 dBm) 6.435 GHz ~ 6.525 GHz: EIRP: 97.948 mW (19.91 dBm) 6.535 GHz ~ 6.865 GHz: EIRP: 100.231 mW (20.01 dBm) 6.875 GHz ~ 7.115 GHz: EIRP: 105.926 mW (20.25 dBm) **2TX:** 5.955 GHz ~ 6.415 GHz: EIRP: 108.152 mW (20.34 dBm) 6.435 GHz ~ 6.525 GHz: EIRP: 107.905 mW (20.33 dBm) 6.535 GHz ~ 6.865 GHz: EIRP: 105.134 mW (20.22 dBm) 6.875 GHz ~ 7.115 GHz: EIRP: 108.534 mW (20.36 dBm) **(under the control of a standard-power AP)** **1TX:** 5.955 GHz ~ 6.415 GHz: EIRP: 963.829 mW (29.84 dBm) 6.535 GHz ~ 6.865 GHz: EIRP: 972.748 mW (29.88 dBm) **2TX:** 5.955 GHz ~ 6.415 GHz: EIRP: 964.551 mW (29.84 dBm) 6.535 GHz ~ 6.865 GHz: EIRP: 987.5 mW (29.95 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 condition.

Condition	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	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.895	PIFA	i-pex(MHF)	200
	Chain1	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.895	PIFA	i-pex(MHF)	200
2	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
3	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: Max. gain was selected for the final test, except for Contention-based Protocol test item.								

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	Not Support	Not Support
802.11ax (HE20)		1TX (Diversity)	2RX	Not Support	Not Support
802.11ax (HE40)		1TX (Diversity)	2RX	Not Support	Not Support
802.11ax (HE80)		1TX (Diversity)	2RX	Not Support	Not Support
802.11ax (HE160)		1TX (Diversity)	2RX	Not Support	Not Support
802.11be (EHT20)		1TX (Diversity)	2RX	Not Support	Not Support
802.11be (EHT40)		1TX (Diversity)	2RX	Not Support	Not Support
802.11be (EHT80)		1TX (Diversity)	2RX	Not Support	Not Support
802.11be (EHT160)		1TX (Diversity)	2RX	Not Support	Not Support
802.11ax (RU26/52/106/242/484/996/2x996)		1TX (Diversity)	2RX	Not Support	Not Support
802.11be (RU26/52/106/242/484/996/2x996 MRU52+26/106+26/ 484+242/996+484/996+484+242)		1TX (Diversity)	2RX	Not Support	Not Support
802.11a	MIMO	2TX	2RX	Support	Not Support
802.11ax (HE20)		2TX	2RX	Support NSS2	Not Support
802.11ax (HE40)		2TX	2RX	Support NSS2	Not Support
802.11ax (HE80)		2TX	2RX	Support NSS2	Not Support
802.11ax (HE160)		2TX	2RX	Support NSS2	Not Support
802.11be (EHT20)		2TX	2RX	Support NSS2	Not Support
802.11be (EHT40)		2TX	2RX	Support NSS2	Not Support
802.11be (EHT80)		2TX	2RX	Support NSS2	Not Support
802.11be (EHT160)		2TX	2RX	Support NSS2	Not Support
802.11ax (RU26/52/106/242/484/996/2x996)		2TX	2RX	Support NSS2	Not Support
802.11be (RU26/52/106/242/484/996/2x996 MRU52+26/106+26/ 484+242/996+484/996+484+242)		2TX	2RX	Support NSS2	Not Support
Note: The modulation and bandwidth are similar for 802.11ax mode for 20 MHz (40 MHz, 80 MHz, 160 MHz) and 802.11be mode for 20 MHz (40 MHz, 80 MHz, 160 MHz) therefore the manufacturer will control the power for 802.11ax mode is same as the 802.11be mode or more lower than it and investigated worst case to representative mode in test report.					

3.3 Channel List

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 control of a low-power indoor access point only.

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. For 1Tx diversity configuration. Pre-scan in these chain 0 and chain 1 and find the worst case as a representative test condition. 2. The worst-case Partial RU modes across all supported bandwidth modes has been determined via pre-scan. 3. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and data rates.
Worst Case:	1. For 1Tx diversity configuration the worst chain is: Chain 0 2. The worst case occurs in 20 MHz bandwidth (RU 26/52/106).

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 97, 105, 113 117, 149, 181, 185 209, 233	BPSK	6Mb/s	NA
		802.11ax (HE20)		1S1T / 2S2T	1, 45, 93 97, 105, 113 117, 149, 181, 185 209, 233	BPSK	MCS0	NA
		802.11ax (HE40)		1S1T / 2S2T	3, 43, 91 99, 107, 115 115, 123, 155, 179 187, 211, 227	BPSK	MCS0	NA
		802.11ax (HE80)		1S1T / 2S2T	7, 39, 87 103 119, 151, 183 199, 215	BPSK	MCS0	NA
		802.11ax (HE160)		1S1T / 2S2T	15, 47, 79 111 143, 175 207	BPSK	MCS0	NA
		802.11be (EHT20)		1S1T / 2S2T	1, 45, 93 97, 105, 113 117, 149, 181, 185 209, 233	BPSK	MCS0	NA
		802.11be (EHT40)		1S1T / 2S2T	3, 43, 91 99, 107, 115 115, 123, 155, 179 187, 211, 227	BPSK	MCS0	NA
		802.11be (EHT80)		1S1T / 2S2T	7, 39, 87 103 119, 151, 183 199, 215	BPSK	MCS0	NA
		802.11be (EHT160)		1S1T / 2S2T	15, 47, 79 111 143, 175 207	BPSK	MCS0	NA

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Maximum RF Output Power	A	802.11be (EHT20) 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
		802.11be (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
		802.11a	under control of a Standard Power AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					117, 149, 181			
		802.11ax (HE20)		1S1T / 2S2T	1, 45, 93	BPSK	MCS0	NA
					117, 149, 181			
		802.11ax (HE40)		1S1T / 2S2T	3, 43, 91	BPSK	MCS0	NA
					123, 155, 179			
		802.11ax (HE80)		1S1T / 2S2T	7, 39, 87	BPSK	MCS0	NA
					135, 151, 167			
		802.11ax (HE160)		1S1T / 2S2T	15, 47, 79	BPSK	MCS0	NA
					143			
		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			

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Maximum RF Output Power	A	802.11be (EHT20) 26-tone RU	under control of a Standard Power AP	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
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			
					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

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

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
In-Band Emission Mask	A	802.11be (EHT20) 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
		802.11be (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
		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

Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
In-Band Emission Mask	A	802.11be (EHT20) 52+26-tone MRU	under control of a Standard Power AP	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
Frequency Stability	A	802.11a	under control of a low-power indoor AP	-	1	unmodulated	-	NA
Contention-based Protocol	A	802.11be (EHT20)	under control of a low-power indoor AP	-	45	BPSK	MCS0	NA
					105			
					149			
					209			
		802.11be (EHT160)		-	47	BPSK	MCS0	NA
					111			
					143			
					207			
AC Power Conducted Emissions	C	802.11be (EHT160)	under control of a low-power indoor AP	1S1T	207	BPSK	MCS0	NA
				2S2T	207	BPSK	MCS0	NA
		802.11be (EHT80)	under control of a Standard Power AP	1S1T	167	BPSK	MCS0	NA
				2S2T	167	BPSK	MCS0	NA
Unwanted Emissions below 1 GHz	A, B	802.11be (EHT160)	under control of a low-power indoor AP	1S1T	207	BPSK	MCS0	NA
				2S2T	207	BPSK	MCS0	NA
		802.11be (EHT80)	under control of a Standard Power AP	1S1T	167	BPSK	MCS0	NA
				2S2T	167	BPSK	MCS0	NA

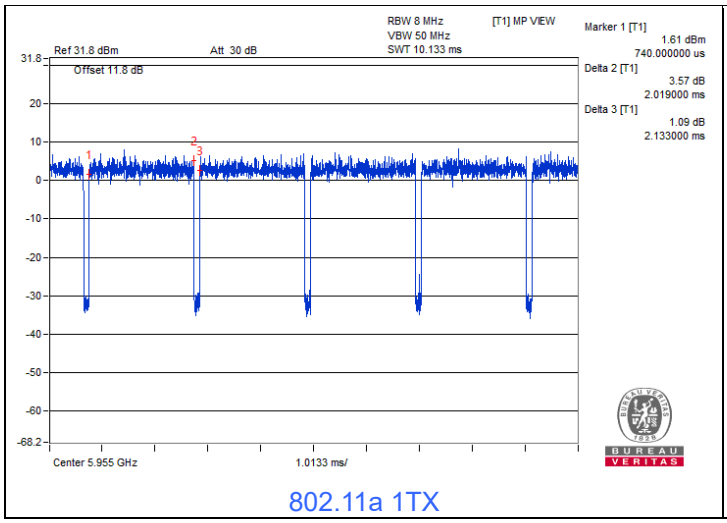
Test Item	EUT Configure Mode	Mode	Category	Signal Mode	Tested Channel	Modulation	Data Rate	RU/MRU Index
Unwanted Emissions above 1 GHz	A, B	802.11a	under control of a low-power indoor AP	1TX / 2TX	1, 45, 93	BPSK	6Mb/s	NA
					97, 105, 113			
					117, 149, 181, 185			
					209, 233			
		802.11be (EHT20)		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			
					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
		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
Unwanted Emissions above 1 GHz	A, B	802.11a	under control of a Standard Power AP	1TX / 2TX	1, 45, 93 117, 149, 181	BPSK	6Mb/s	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
		802.11be (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
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						
Note: Channel puncturing mechanism is not supported.								

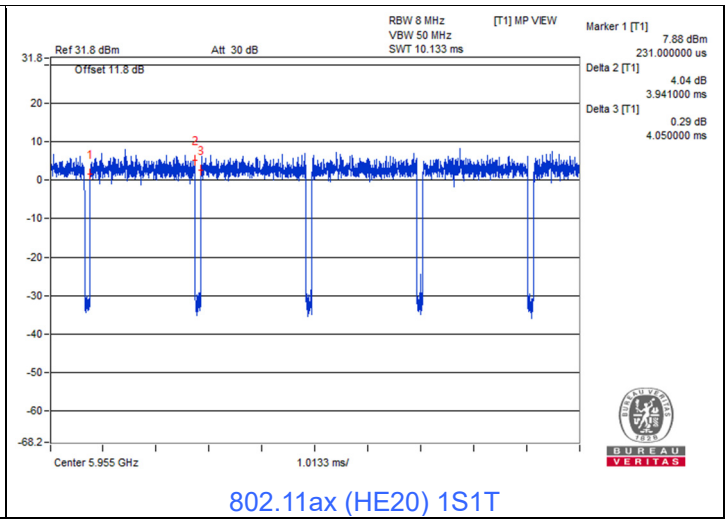
3.5 Duty Cycle of Test Signal

under control of a low-power indoor AP

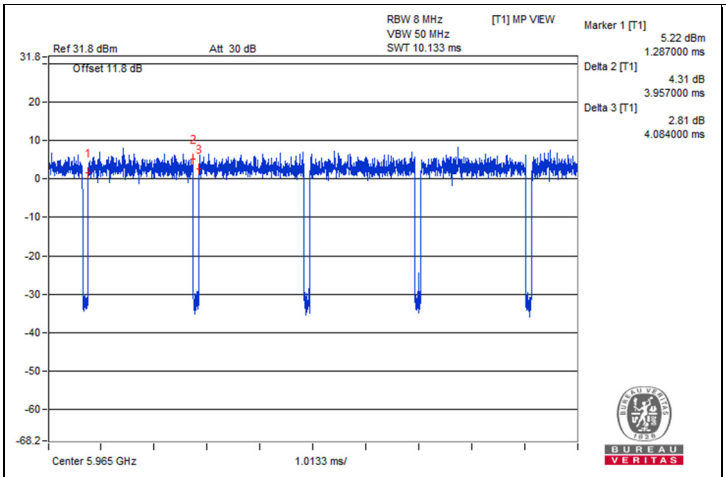
802.11a 1TX:
Duty cycle = 2.019 ms / 2.133 ms x 100% = 94.7%, duty factor = 10 * log (1/Duty cycle) = 0.24 dB
802.11ax (HE20) 1S1T:
Duty cycle = 3.941 ms / 4.05 ms x 100% = 97.3%, duty factor = 10 * log (1/Duty cycle) = 0.12 dB
802.11ax (HE40) 1S1T:
Duty cycle = 3.957 ms / 4.084 ms x 100% = 96.9%, duty factor = 10 * log (1/Duty cycle) = 0.14 dB
802.11ax (HE80) 1S1T:
Duty cycle = 1.925 ms / 2.036 ms x 100% = 94.5%, duty factor = 10 * log (1/Duty cycle) = 0.24 dB
802.11ax (HE160) 1S1T:
Duty cycle = 1.765 ms / 1.884 ms x 100% = 93.7%, duty factor = 10 * log (1/Duty cycle) = 0.28 dB
802.11be (EHT20) 1S1T:
Duty cycle = 4.634 ms / 4.745 ms x 100% = 97.7%, duty factor = 10 * log (1/Duty cycle) = 0.10 dB
802.11be (EHT40) 1S1T:
Duty cycle = 4.66 ms / 4.775 ms x 100% = 97.6%, duty factor = 10 * log (1/Duty cycle) = 0.11 dB
802.11be (EHT80) 1S1T:
Duty cycle = 2.265 ms / 2.386 ms x 100% = 94.9%, duty factor = 10 * log (1/Duty cycle) = 0.23 dB
802.11be (EHT160) 1S1T:
Duty cycle = 2.07 ms / 2.187 ms x 100% = 94.7%, duty factor = 10 * log (1/Duty cycle) = 0.24 dB
802.11be (EHT20) 26-tone RU 1S1T:
Duty cycle = 1.6 ms / 1.716 ms x 100% = 93.2%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11be (EHT20) 52-tone RU 1S1T:
Duty cycle = 1.6 ms / 1.716 ms x 100% = 93.2%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11be (EHT20) 106-tone RU 1S1T:
Duty cycle = 1.6 ms / 1.716 ms x 100% = 93.2%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11be (EHT20) 52+26-tone MRU 1S1T:
Duty cycle = 1.494 ms / 1.611 ms x 100% = 92.7%, duty factor = 10 * log (1/Duty cycle) = 0.33 dB
802.11be (EHT20) 106+26-tone MRU 1S1T:
Duty cycle = 1.654 ms / 1.771 ms x 100% = 93.4%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11be (EHT80) 484+242-tone MRU 1S1T:
Duty cycle = 1.197 ms / 1.313 ms x 100% = 91.2%, duty factor = 10 * log (1/Duty cycle) = 0.40 dB
802.11be (EHT160) 996+484-tone MRU 1S1T:
Duty cycle = 1.16 ms / 1.269 ms x 100% = 91.4%, duty factor = 10 * log (1/Duty cycle) = 0.39 dB
802.11be (EHT160) 996+484+242-tone MRU 1S1T:
Duty cycle = 1.166 ms / 1.281 ms x 100% = 91.0%, duty factor = 10 * log (1/Duty cycle) = 0.41 dB



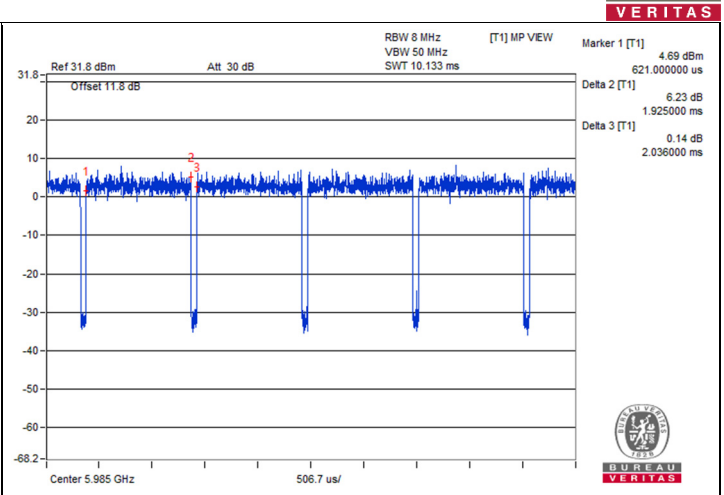
802.11a 1TX



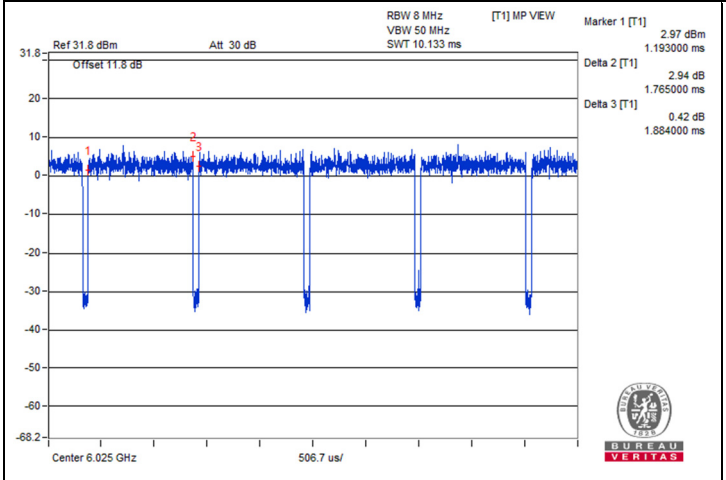
802.11ax (HE20) 1S1T



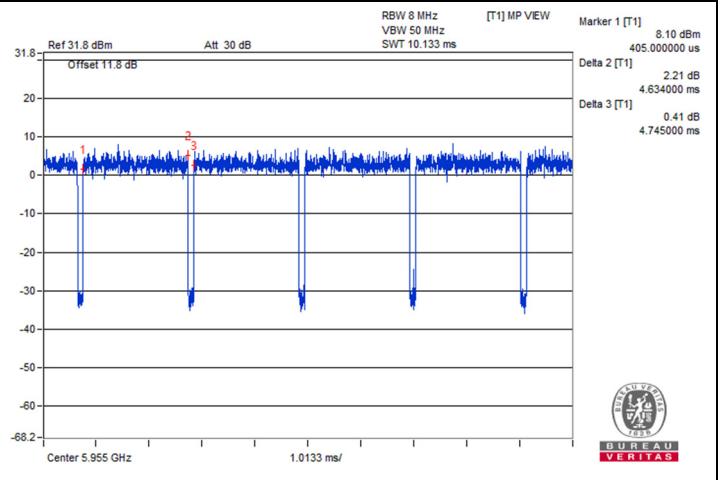
802.11ax (HE40) 1S1T



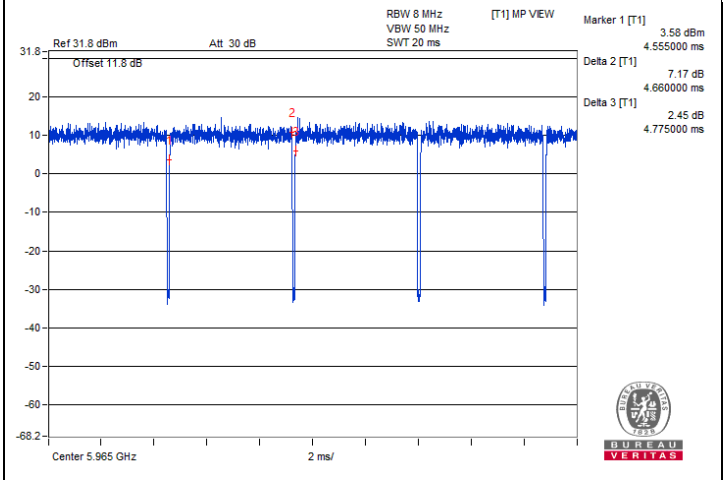
802.11ax (HE80) 1S1T



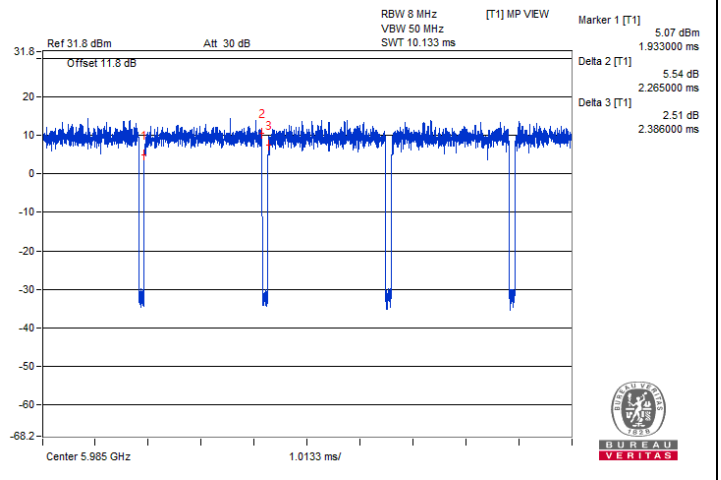
802.11ax (HE160) 1S1T



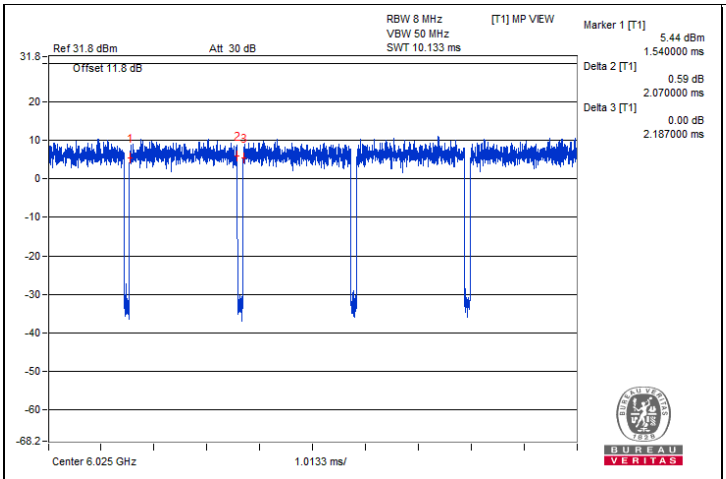
802.11be (EHT20) 1S1T



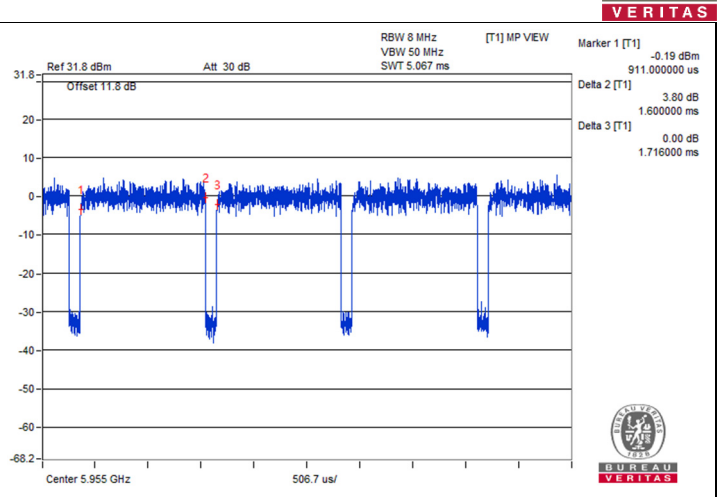
802.11be (EHT40) 1S1T



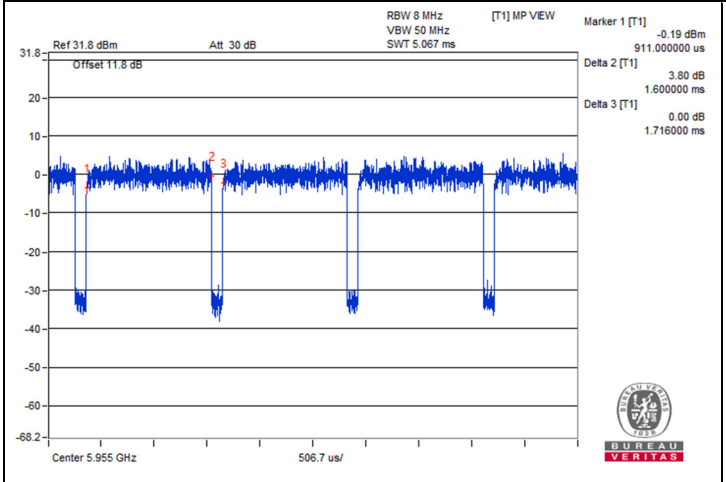
802.11be (EHT80) 1S1T



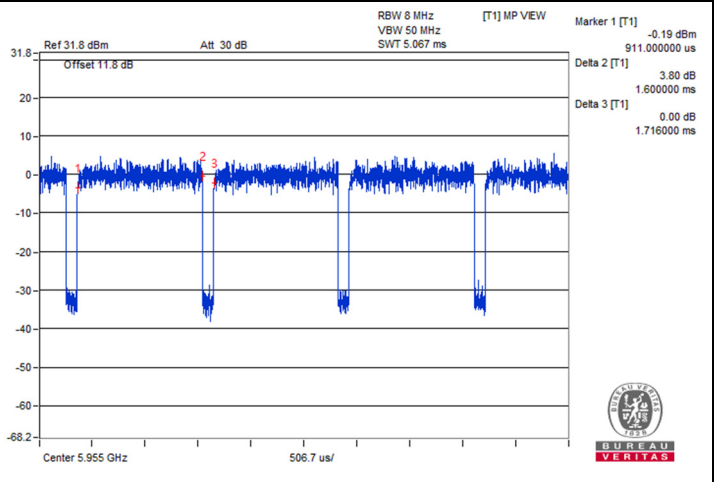
802.11be (EHT160) 1S1T



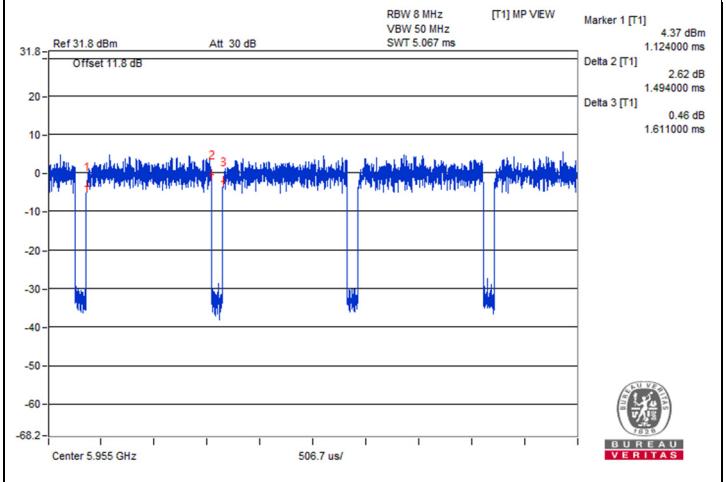
802.11be (EHT20) 26-tone RU 1S1T



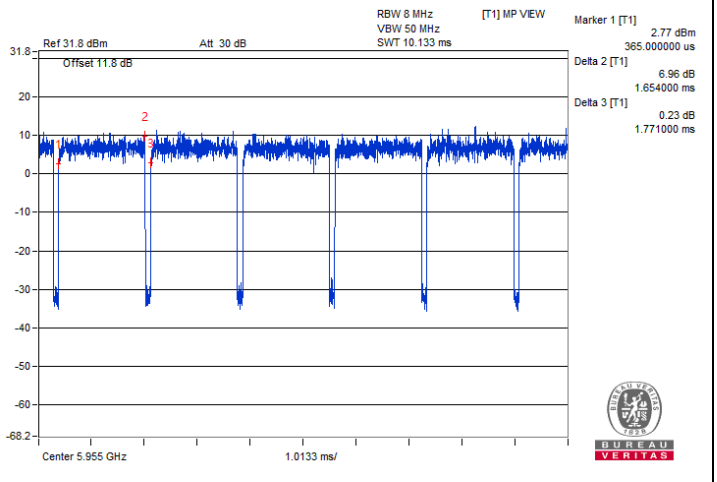
802.11be (EHT20) 52-tone RU 1S1T



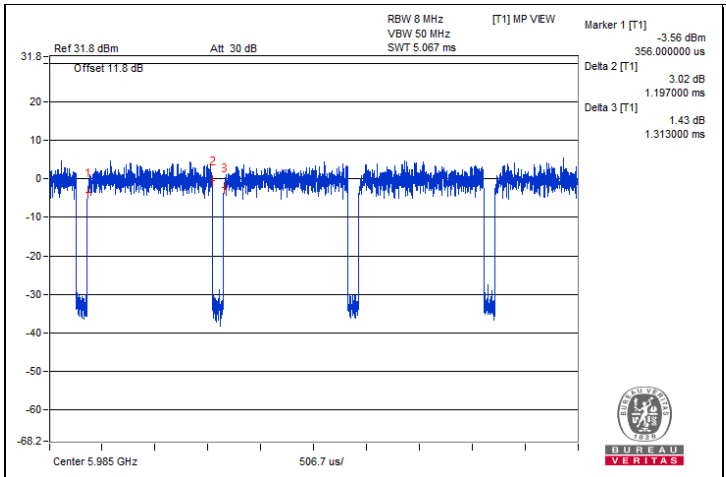
802.11be (EHT20) 106-tone RU 1S1T



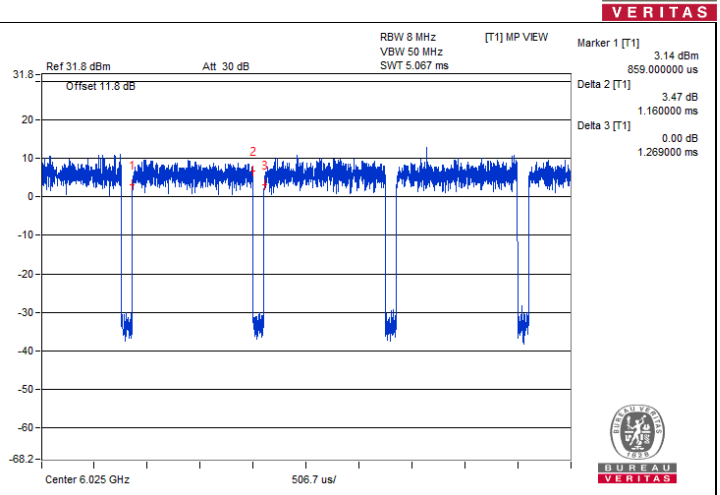
802.11be (EHT20) 52+26-tone MRU 1S1T



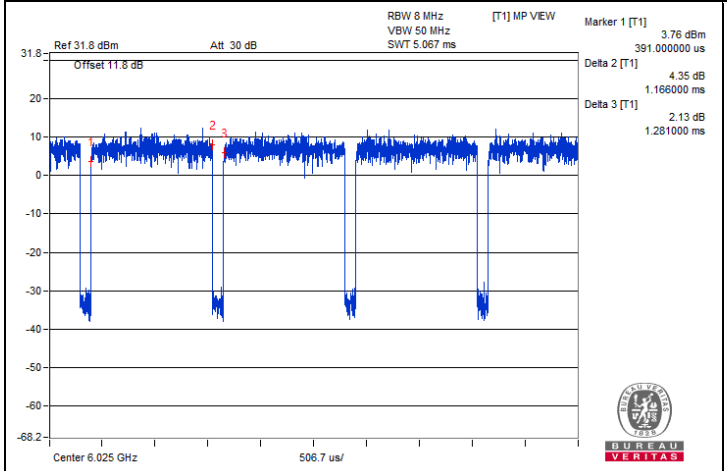
802.11be (EHT20) 106+26-tone MRU 1S1T



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



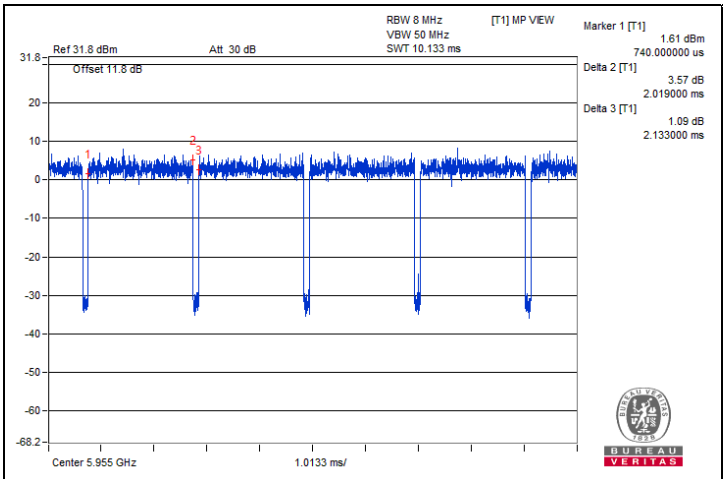
802.11be (EHT160) 996+484-tone MRU 1S1T



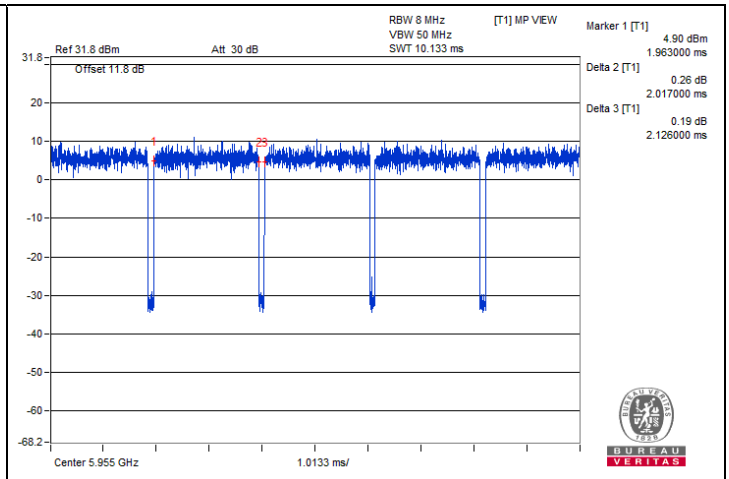
802.11be (EHT160) 996+484+242-tone MRU 1S1T

under control of a low-power indoor AP

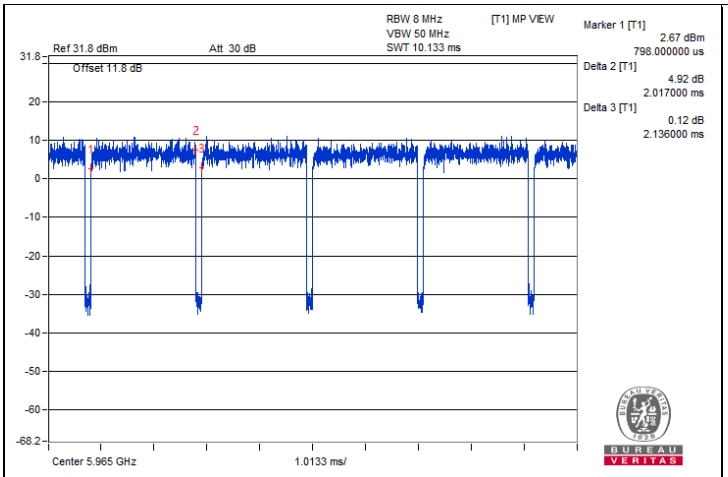
802.11a 2TX:
Duty cycle = 2.019 ms / 2.133 ms x 100% = 94.7%, duty factor = 10 * log (1/Duty cycle) = 0.24 dB
802.11ax (HE20) 2S2T:
Duty cycle = 2.017 ms / 2.126 ms x 100% = 94.9%, duty factor = 10 * log (1/Duty cycle) = 0.23 dB
802.11ax (HE40) 2S2T:
Duty cycle = 2.017 ms / 2.136 ms x 100% = 94.4%, duty factor = 10 * log (1/Duty cycle) = 0.25 dB
802.11ax (HE80) 2S2T:
Duty cycle = 1.005 ms / 1.125 ms x 100% = 89.3%, duty factor = 10 * log (1/Duty cycle) = 0.49 dB
802.11ax (HE160) 2S2T:
Duty cycle = 0.929 ms / 1.046 ms x 100% = 88.8%, duty factor = 10 * log (1/Duty cycle) = 0.52 dB
802.11be (EHT20) 2S2T:
Duty cycle = 2.371 ms / 2.487 ms x 100% = 95.3%, duty factor = 10 * log (1/Duty cycle) = 0.21 dB
802.11be (EHT40) 2S2T:
Duty cycle = 2.376 ms / 2.497 ms x 100% = 95.2%, duty factor = 10 * log (1/Duty cycle) = 0.22 dB
802.11be (EHT80) 2S2T:
Duty cycle = 1.181 ms / 1.302 ms x 100% = 90.7%, duty factor = 10 * log (1/Duty cycle) = 0.42 dB
802.11be (EHT160) 2S2T:
Duty cycle = 1.093 ms / 1.209 ms x 100% = 90.4%, duty factor = 10 * log (1/Duty cycle) = 0.44 dB
802.11be (EHT20) 26-tone RU 2S2T:
Duty cycle = 0.854 ms / 0.99 ms x 100% = 86.3%, duty factor = 10 * log (1/Duty cycle) = 0.64 dB
802.11be (EHT20) 52-tone RU 2S2T:
Duty cycle = 0.854 ms / 0.99 ms x 100% = 86.3%, duty factor = 10 * log (1/Duty cycle) = 0.64 dB
802.11be (EHT20) 106-tone RU 2S2T:
Duty cycle = 0.854 ms / 0.99 ms x 100% = 86.3%, duty factor = 10 * log (1/Duty cycle) = 0.64 dB
802.11be (EHT20) 52+26-tone MRU 2S2T:
Duty cycle = 0.803 ms / 0.914 ms x 100% = 87.9%, duty factor = 10 * log (1/Duty cycle) = 0.56 dB
802.11be (EHT20) 106+26-tone MRU 2S2T:
Duty cycle = 0.881 ms / 0.99 ms x 100% = 89.0%, duty factor = 10 * log (1/Duty cycle) = 0.51 dB
802.11be (EHT80) 484+242-tone MRU 2S2T:
Duty cycle = 0.648 ms / 0.758 ms x 100% = 85.5%, duty factor = 10 * log (1/Duty cycle) = 0.68 dB
802.11be (EHT160) 996+484-tone MRU 2S2T:
Duty cycle = 0.632 ms / 0.749 ms x 100% = 84.4%, duty factor = 10 * log (1/Duty cycle) = 0.74 dB
802.11be (EHT160) 996+484+242-tone MRU 2S2T:
Duty cycle = 0.631 ms / 0.748 ms x 100% = 84.4%, duty factor = 10 * log (1/Duty cycle) = 0.74 dB



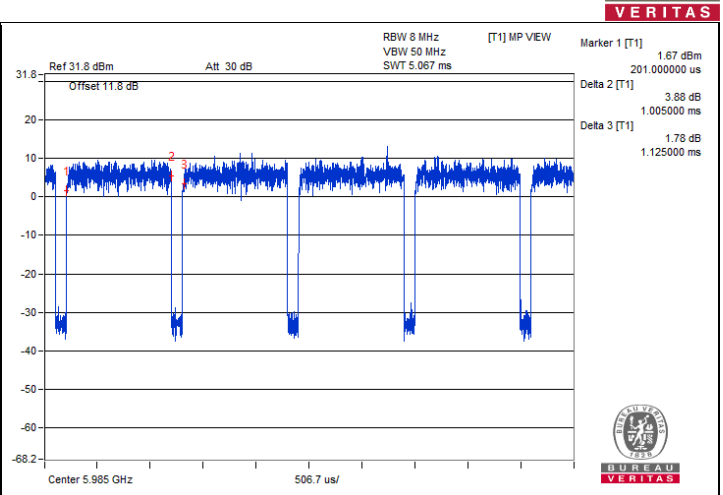
802.11a 2TX



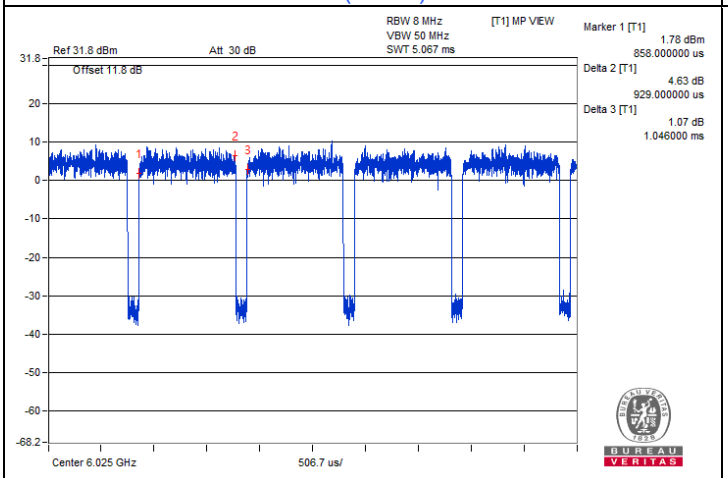
802.11ax (HE20) 2S2T



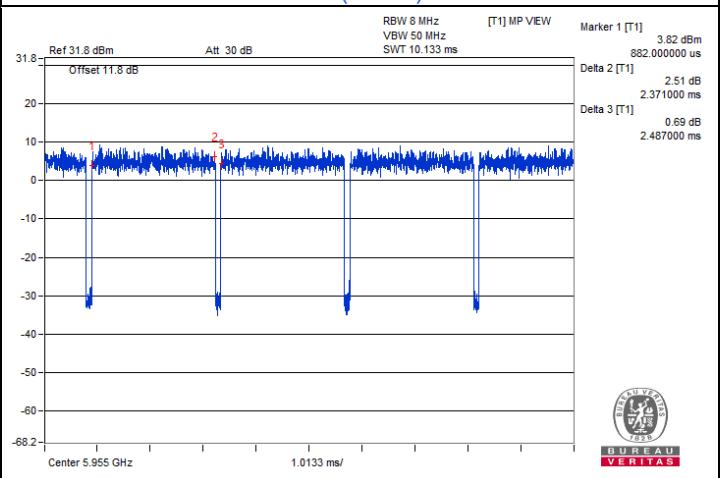
802.11ax (HE40) 2S2T



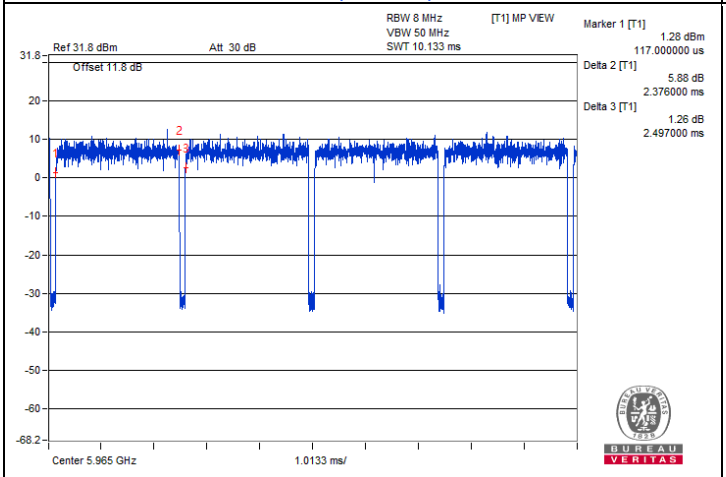
802.11ax (HE80) 2S2T



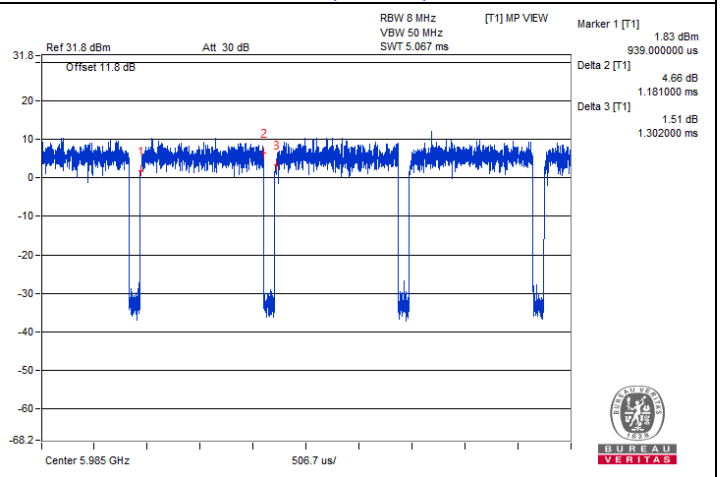
802.11ax (HE160) 2S2T



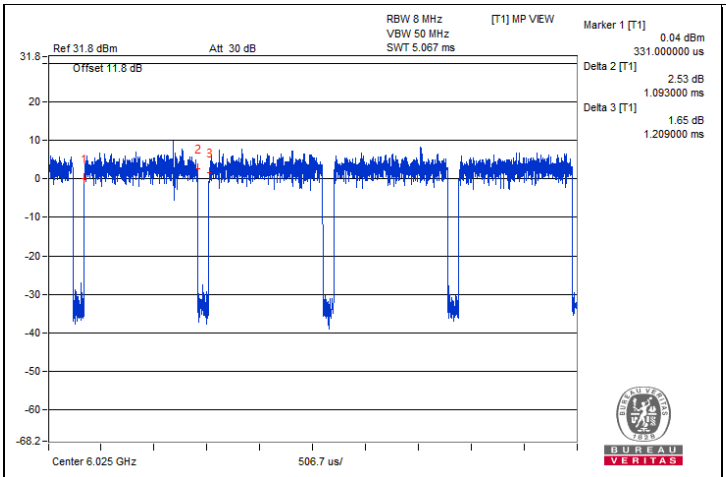
802.11be (EHT20) 2S2T



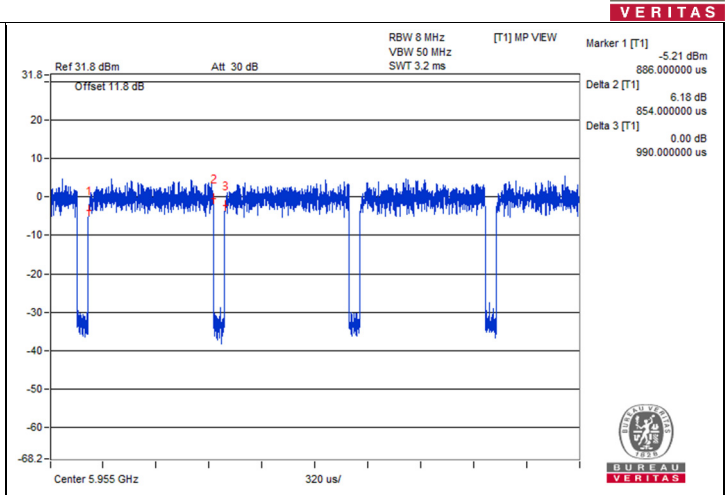
802.11be (EHT40) 2S2T



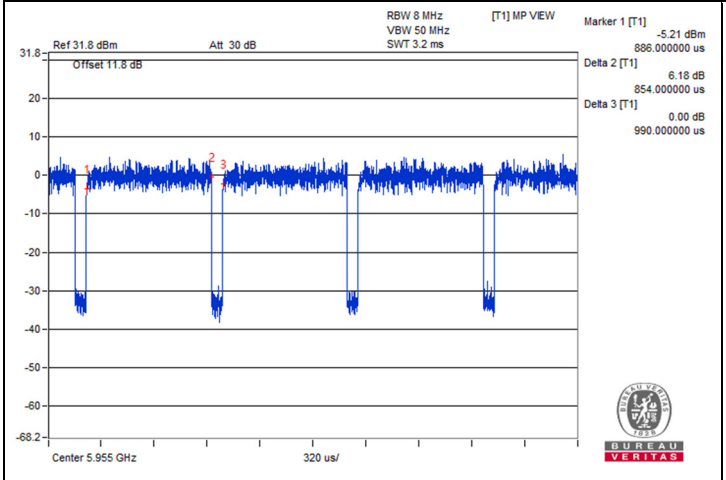
802.11be (EHT80) 2S2T



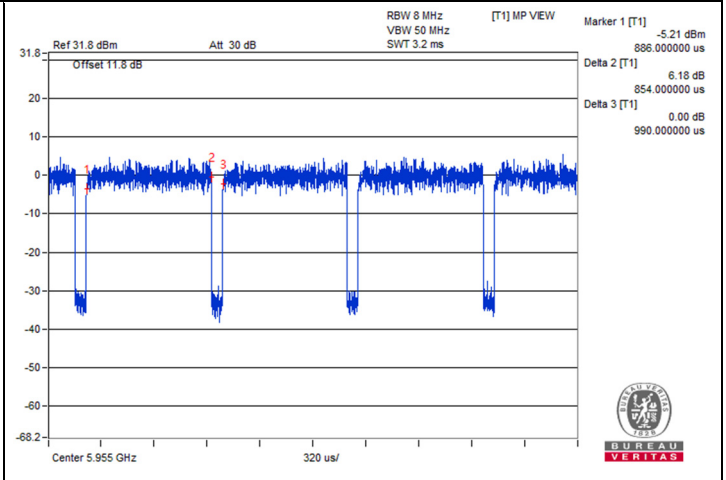
802.11be (EHT160) 2S2T



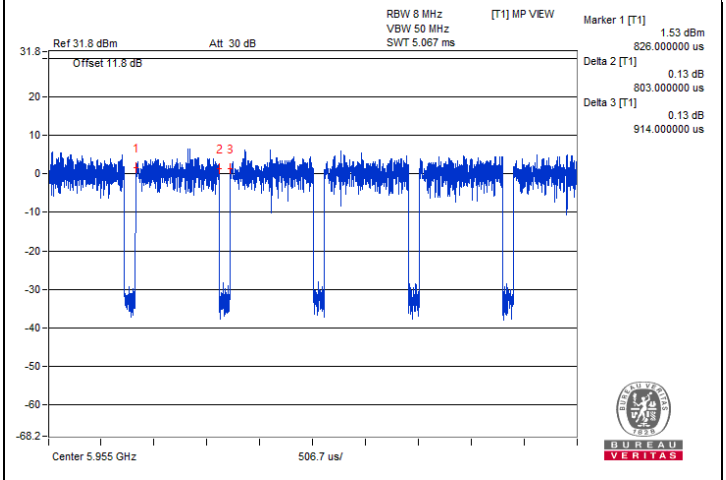
802.11be (EHT20) 26-tone RU 2S2T



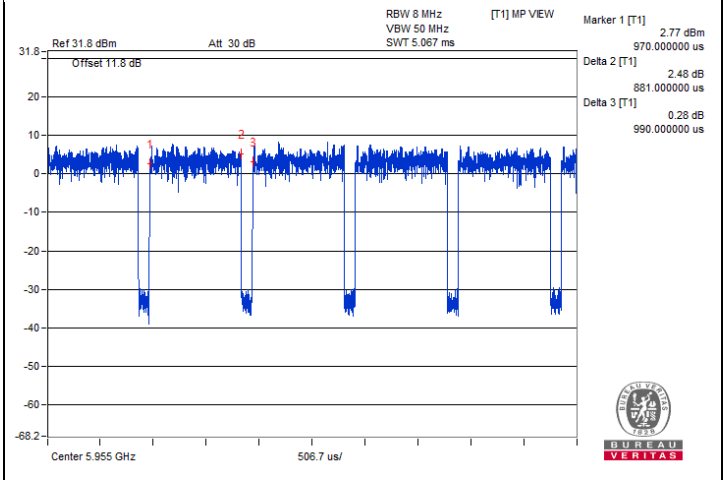
802.11be (EHT20) 52-tone RU 2S2T



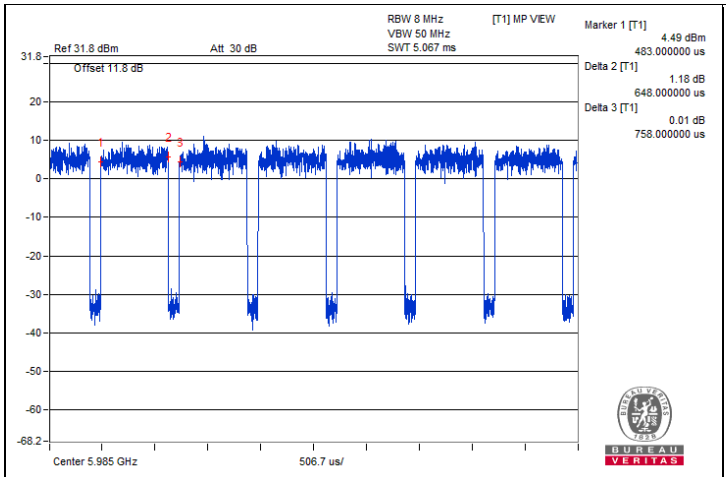
802.11be (EHT20) 106-tone RU 2S2T



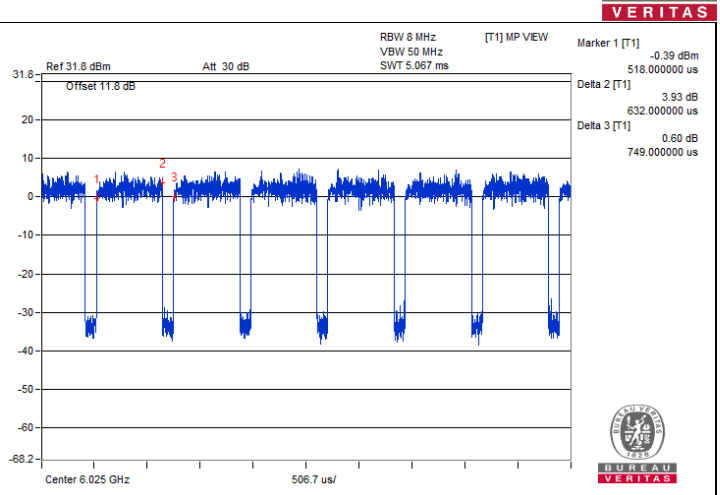
802.11be (EHT20) 52+26-tone MRU 2S2T



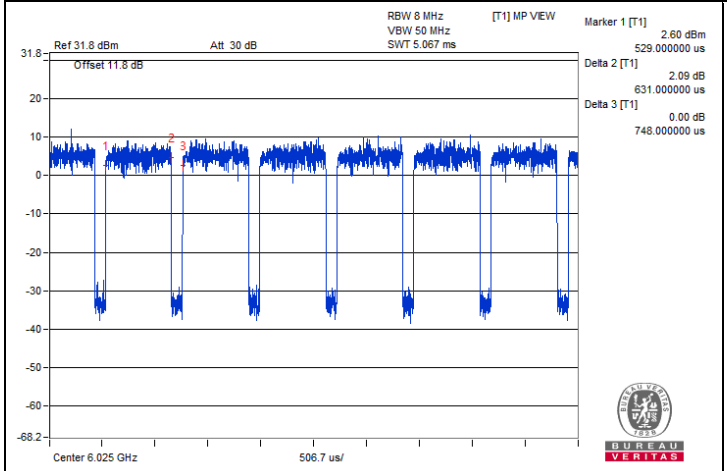
802.11be (EHT20) 106+26-tone MRU 2S2T



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



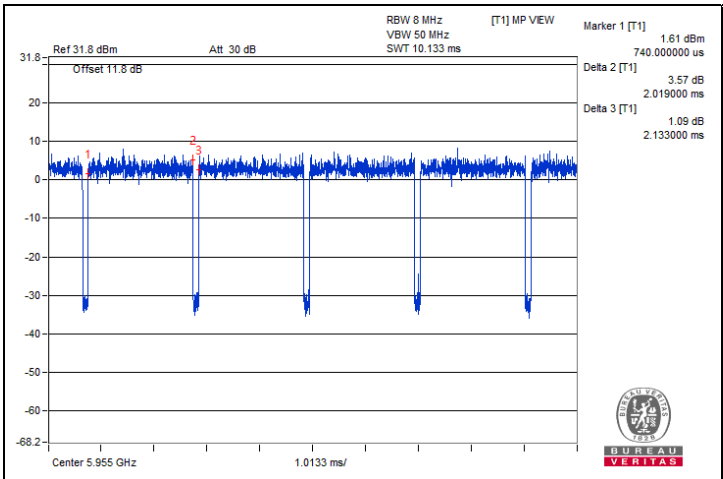
802.11be (EHT160) 996+484-tone MRU 2S2T



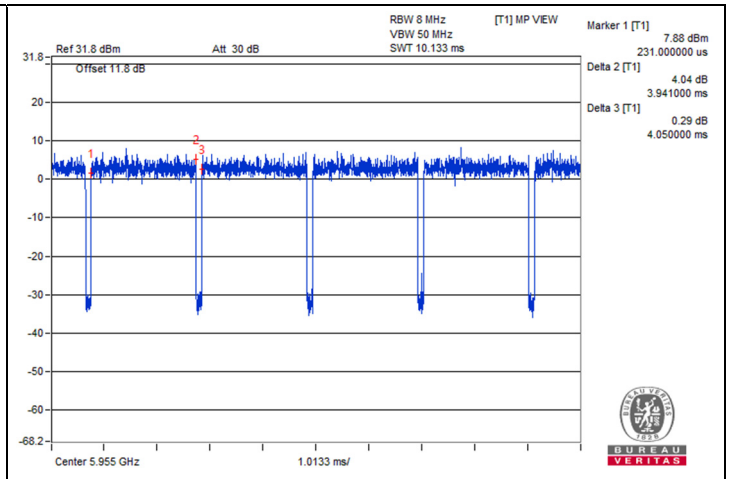
802.11be (EHT160) 996+484+242-tone MRU 2S2T

under control of a Standard Power AP

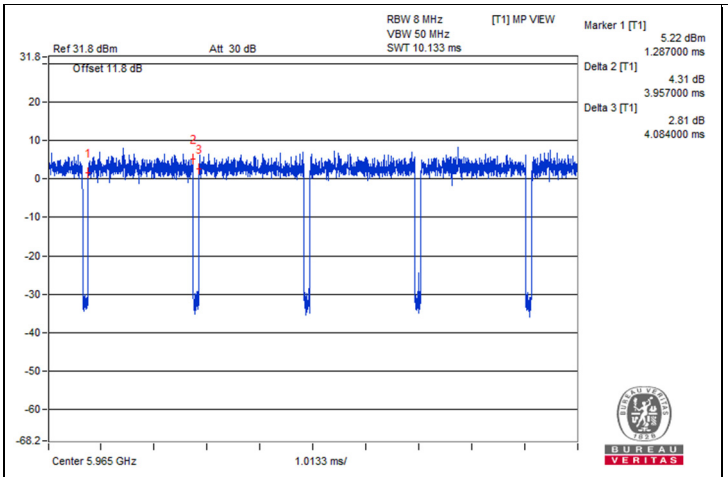
802.11a 1TX:
Duty cycle = 2.019 ms / 2.133 ms x 100% = 94.7%, duty factor = 10 * log (1/Duty cycle) = 0.24 dB
802.11ax (HE20) 1S1T:
Duty cycle = 3.941 ms / 4.05 ms x 100% = 97.3%, duty factor = 10 * log (1/Duty cycle) = 0.12 dB
802.11ax (HE40) 1S1T:
Duty cycle = 3.957 ms / 4.084 ms x 100% = 96.9%, duty factor = 10 * log (1/Duty cycle) = 0.14 dB
802.11ax (HE80) 1S1T:
Duty cycle = 1.925 ms / 2.036 ms x 100% = 94.5%, duty factor = 10 * log (1/Duty cycle) = 0.24 dB
802.11ax (HE160) 1S1T:
Duty cycle = 1.765 ms / 1.884 ms x 100% = 93.7%, duty factor = 10 * log (1/Duty cycle) = 0.28 dB
802.11be (EHT20) 1S1T:
Duty cycle = 4.634 ms / 4.745 ms x 100% = 97.7%, duty factor = 10 * log (1/Duty cycle) = 0.10 dB
802.11be (EHT40) 1S1T:
Duty cycle = 4.66 ms / 4.775 ms x 100% = 97.6%, duty factor = 10 * log (1/Duty cycle) = 0.11 dB
802.11be (EHT80) 1S1T:
Duty cycle = 2.265 ms / 2.386 ms x 100% = 94.9%, duty factor = 10 * log (1/Duty cycle) = 0.23 dB
802.11be (EHT160) 1S1T:
Duty cycle = 2.07 ms / 2.187 ms x 100% = 94.7%, duty factor = 10 * log (1/Duty cycle) = 0.24 dB
802.11be (EHT20) 26-tone RU 1S1T:
Duty cycle = 1.6 ms / 1.716 ms x 100% = 93.2%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11be (EHT20) 52-tone RU 1S1T:
Duty cycle = 1.6 ms / 1.716 ms x 100% = 93.2%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11be (EHT20) 106-tone RU 1S1T:
Duty cycle = 1.6 ms / 1.716 ms x 100% = 93.2%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11be (EHT20) 52+26-tone MRU 1S1T:
Duty cycle = 1.494 ms / 1.611 ms x 100% = 92.7%, duty factor = 10 * log (1/Duty cycle) = 0.33 dB
802.11be (EHT20) 106+26-tone MRU 1S1T:
Duty cycle = 1.654 ms / 1.771 ms x 100% = 93.4%, duty factor = 10 * log (1/Duty cycle) = 0.30 dB
802.11be (EHT80) 484+242-tone MRU 1S1T:
Duty cycle = 1.197 ms / 1.313 ms x 100% = 91.2%, duty factor = 10 * log (1/Duty cycle) = 0.40 dB
802.11be (EHT160) 996+484-tone MRU 1S1T:
Duty cycle = 1.16 ms / 1.269 ms x 100% = 91.4%, duty factor = 10 * log (1/Duty cycle) = 0.39 dB
802.11be (EHT160) 996+484+242-tone MRU 1S1T:
Duty cycle = 1.166 ms / 1.281 ms x 100% = 91.0%, duty factor = 10 * log (1/Duty cycle) = 0.41 dB



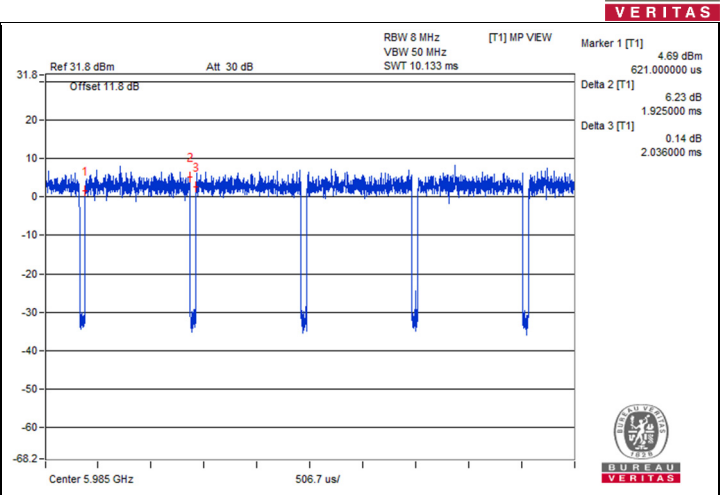
802.11a 1TX



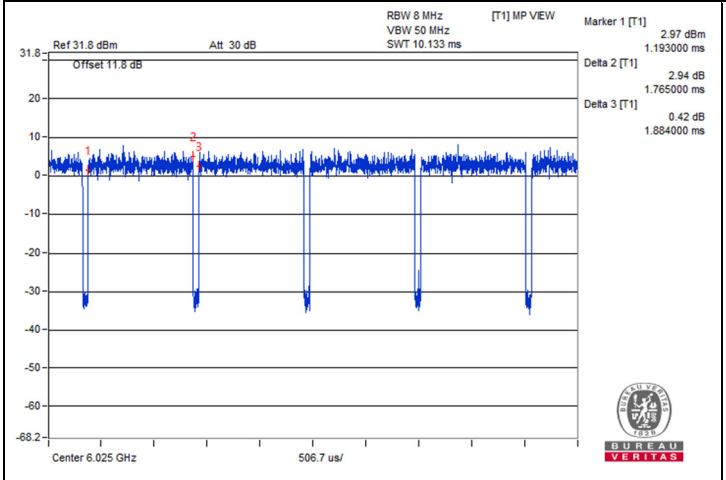
802.11ax (HE20) 1S1T



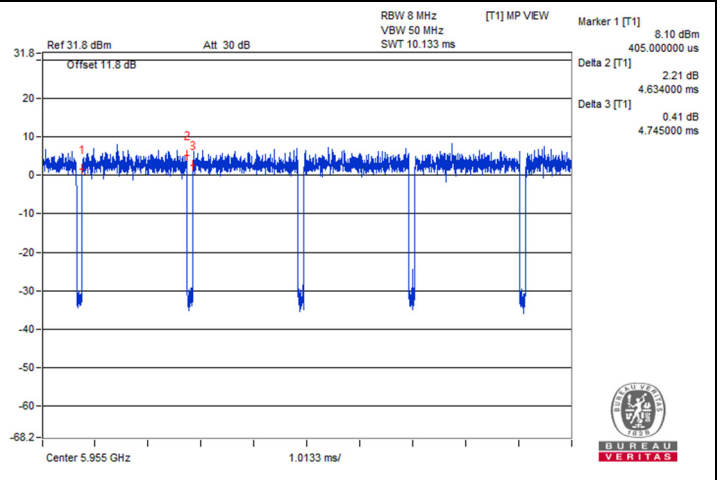
802.11ax (HE40) 1S1T



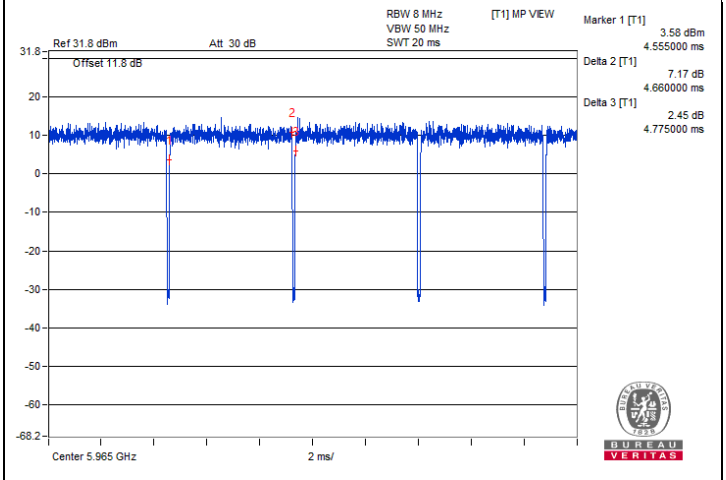
802.11ax (HE80) 1S1T



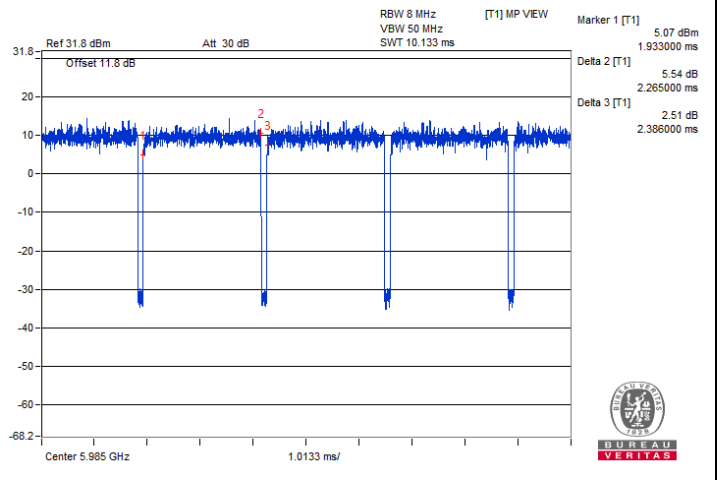
802.11ax (HE160) 1S1T



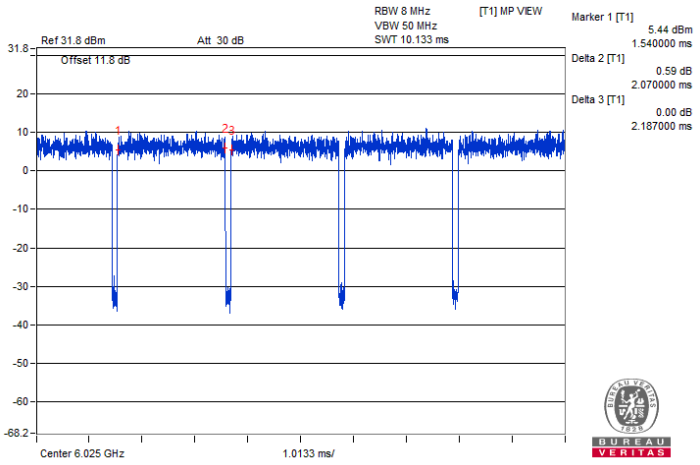
802.11be (EHT20) 1S1T



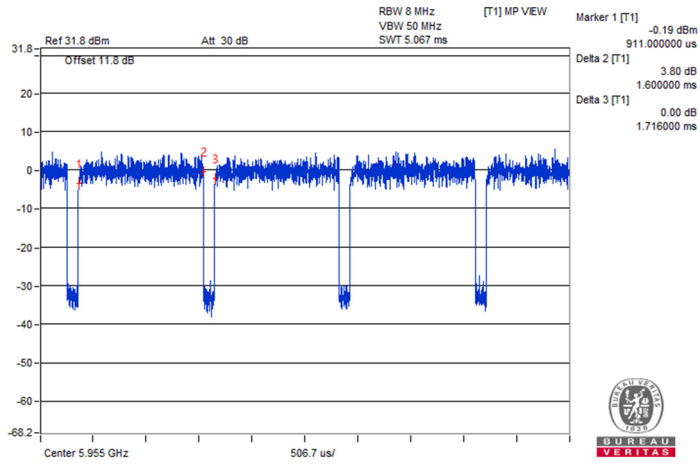
802.11be (EHT40) 1S1T



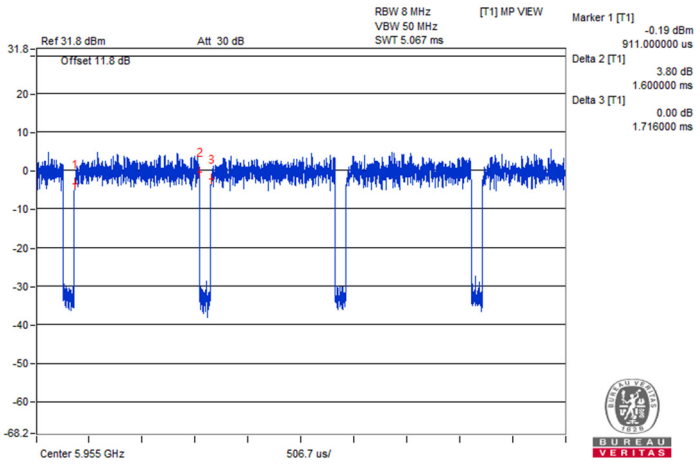
802.11be (EHT80) 1S1T



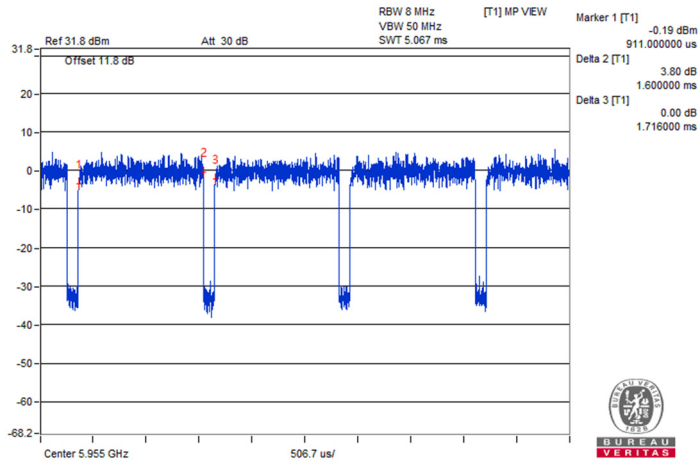
802.11be (EHT160) 1S1T



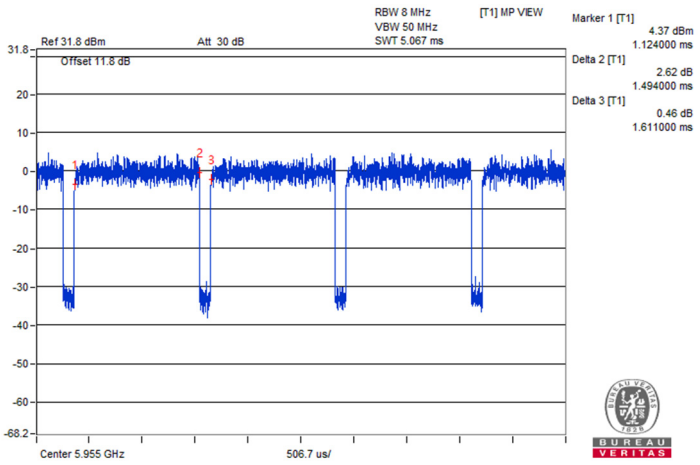
802.11be (EHT20) 26-tone RU 1S1T



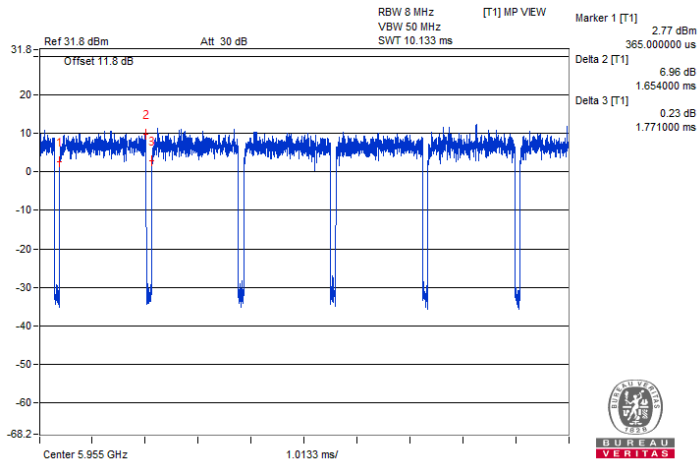
802.11be (EHT20) 52-tone RU 1S1T



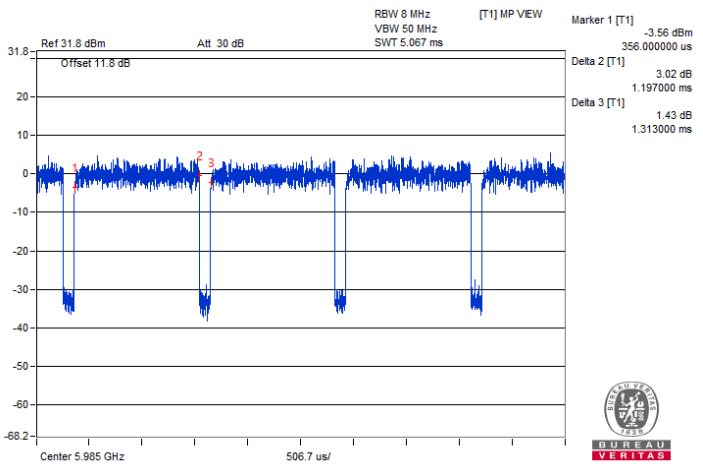
802.11be (EHT20) 106-tone RU 1S1T



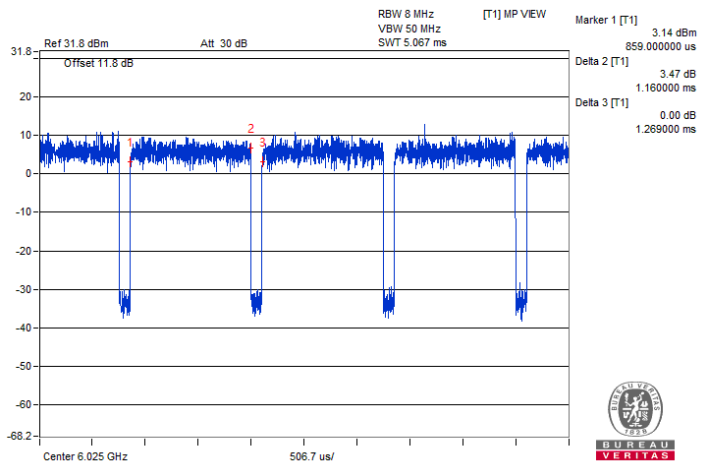
802.11be (EHT20) 52+26-tone MRU 1S1T



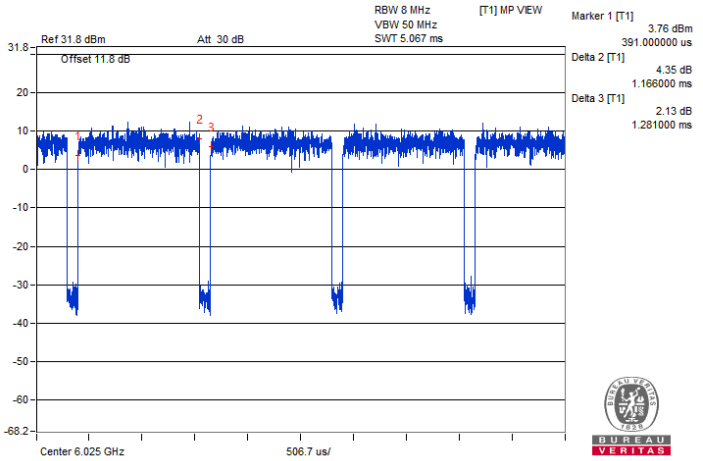
802.11be (EHT20) 106+26-tone MRU 1S1T



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



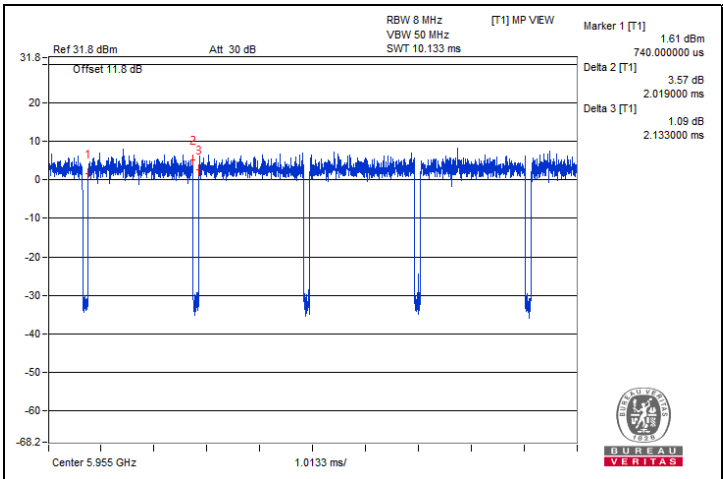
802.11be (EHT160) 996+484-tone MRU 1S1T



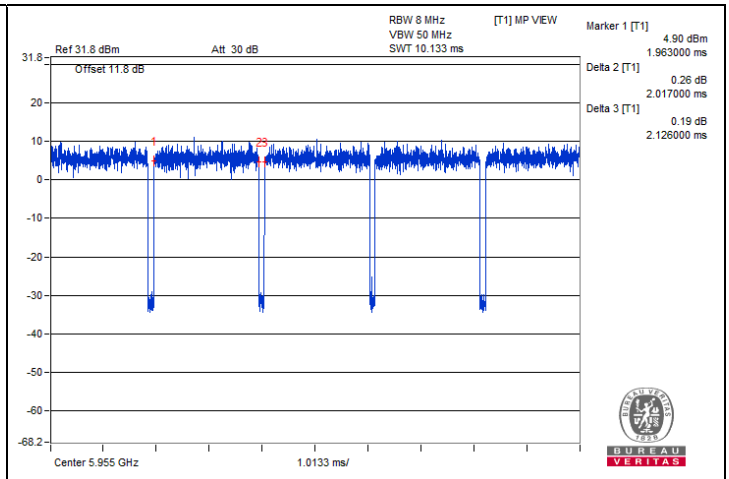
802.11be (EHT160) 996+484+242-tone MRU 1S1T

under control of a Standard Power AP

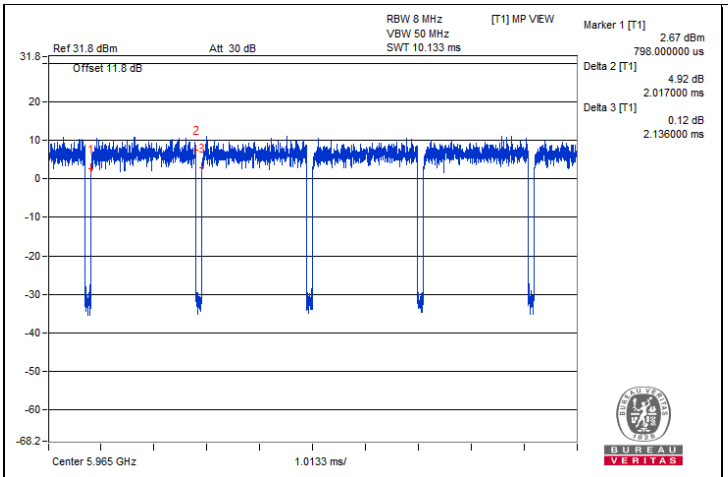
802.11a 2TX:
Duty cycle = 2.019 ms / 2.133 ms x 100% = 94.7%, duty factor = 10 * log (1/Duty cycle) = 0.24 dB
802.11ax (HE20) 2S2T:
Duty cycle = 2.017 ms / 2.126 ms x 100% = 94.9%, duty factor = 10 * log (1/Duty cycle) = 0.23 dB
802.11ax (HE40) 2S2T:
Duty cycle = 2.017 ms / 2.136 ms x 100% = 94.4%, duty factor = 10 * log (1/Duty cycle) = 0.25 dB
802.11ax (HE80) 2S2T:
Duty cycle = 1.005 ms / 1.125 ms x 100% = 89.3%, duty factor = 10 * log (1/Duty cycle) = 0.49 dB
802.11ax (HE160) 2S2T:
Duty cycle = 0.929 ms / 1.046 ms x 100% = 88.8%, duty factor = 10 * log (1/Duty cycle) = 0.52 dB
802.11be (EHT20) 2S2T:
Duty cycle = 2.371 ms / 2.487 ms x 100% = 95.3%, duty factor = 10 * log (1/Duty cycle) = 0.21 dB
802.11be (EHT40) 2S2T:
Duty cycle = 2.376 ms / 2.497 ms x 100% = 95.2%, duty factor = 10 * log (1/Duty cycle) = 0.22 dB
802.11be (EHT80) 2S2T:
Duty cycle = 1.181 ms / 1.302 ms x 100% = 90.7%, duty factor = 10 * log (1/Duty cycle) = 0.42 dB
802.11be (EHT160) 2S2T:
Duty cycle = 1.093 ms / 1.209 ms x 100% = 90.4%, duty factor = 10 * log (1/Duty cycle) = 0.44 dB
802.11be (EHT20) 26-tone RU 2S2T:
Duty cycle = 0.854 ms / 0.99 ms x 100% = 86.3%, duty factor = 10 * log (1/Duty cycle) = 0.64 dB
802.11be (EHT20) 52-tone RU 2S2T:
Duty cycle = 0.854 ms / 0.99 ms x 100% = 86.3%, duty factor = 10 * log (1/Duty cycle) = 0.64 dB
802.11be (EHT20) 106-tone RU 2S2T:
Duty cycle = 0.854 ms / 0.99 ms x 100% = 86.3%, duty factor = 10 * log (1/Duty cycle) = 0.64 dB
802.11be (EHT20) 52+26-tone MRU 2S2T:
Duty cycle = 0.803 ms / 0.914 ms x 100% = 87.9%, duty factor = 10 * log (1/Duty cycle) = 0.56 dB
802.11be (EHT20) 106+26-tone MRU 2S2T:
Duty cycle = 0.881 ms / 0.99 ms x 100% = 89.0%, duty factor = 10 * log (1/Duty cycle) = 0.51 dB
802.11be (EHT80) 484+242-tone MRU 2S2T:
Duty cycle = 0.648 ms / 0.758 ms x 100% = 85.5%, duty factor = 10 * log (1/Duty cycle) = 0.68 dB
802.11be (EHT160) 996+484-tone MRU 2S2T:
Duty cycle = 0.632 ms / 0.749 ms x 100% = 84.4%, duty factor = 10 * log (1/Duty cycle) = 0.74 dB
802.11be (EHT160) 996+484+242-tone MRU 2S2T:
Duty cycle = 0.631 ms / 0.748 ms x 100% = 84.4%, duty factor = 10 * log (1/Duty cycle) = 0.74 dB



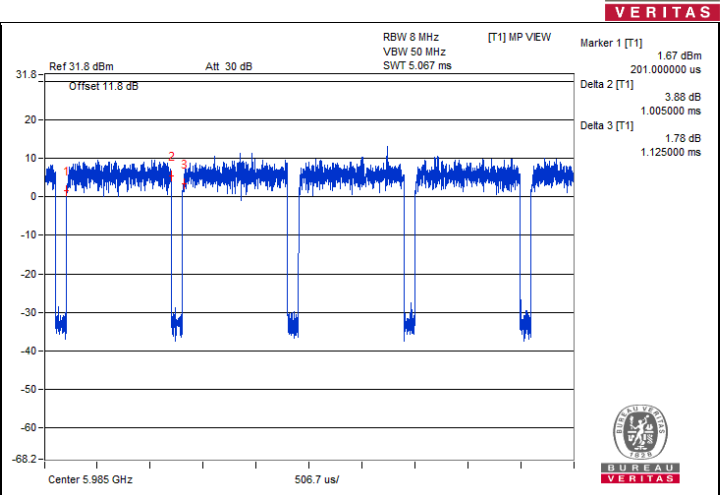
802.11a 2TX



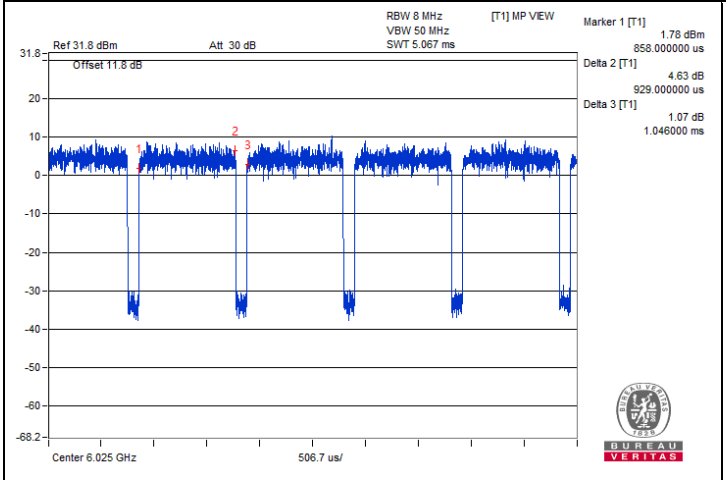
802.11ax (HE20) 2S2T



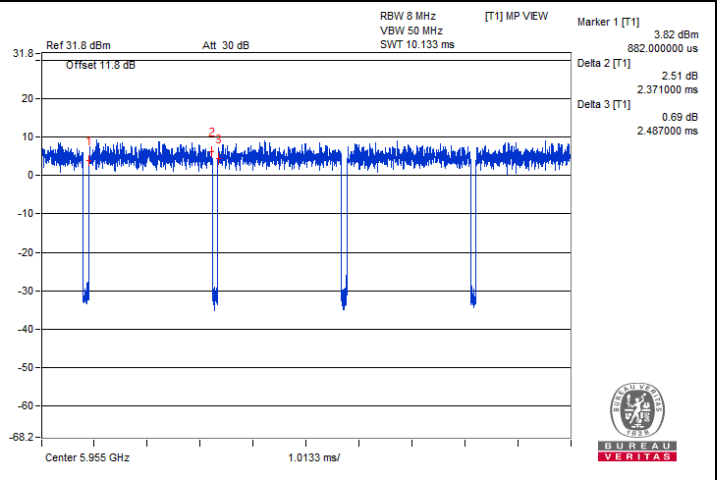
802.11ax (HE40) 2S2T



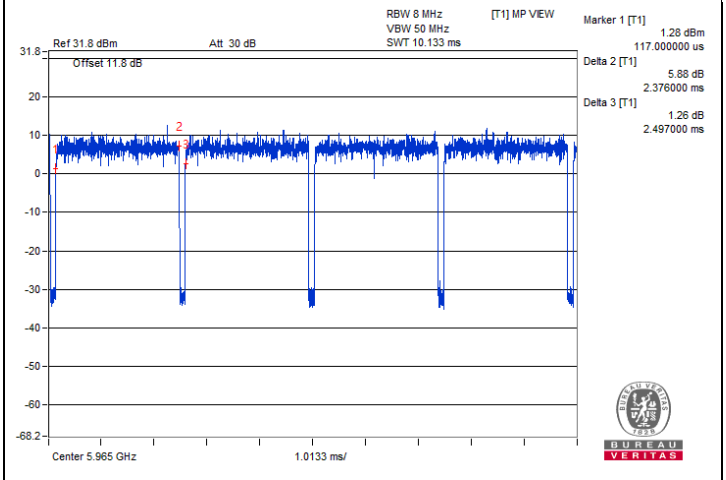
802.11ax (HE80) 2S2T



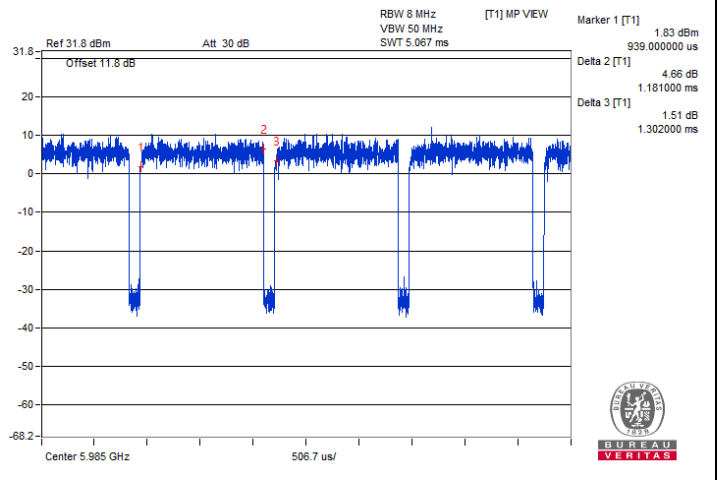
802.11ax (HE160) 2S2T



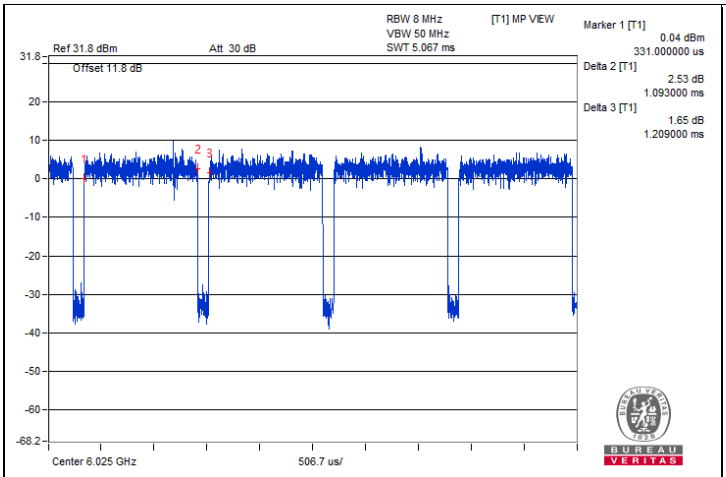
802.11be (EHT20) 2S2T



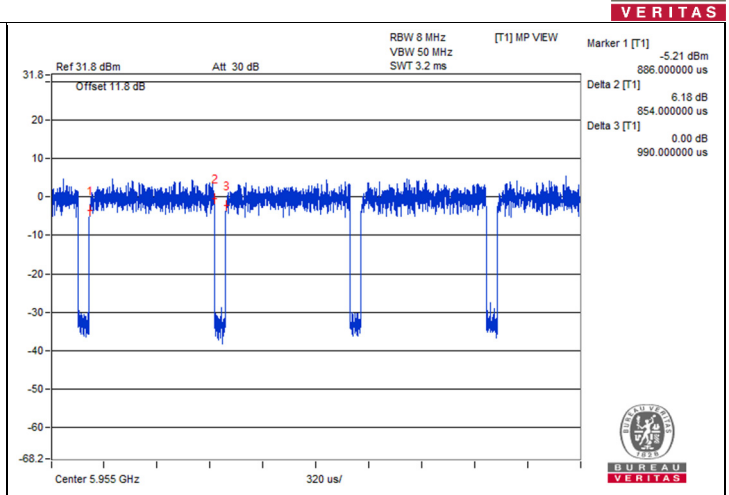
802.11be (EHT40) 2S2T



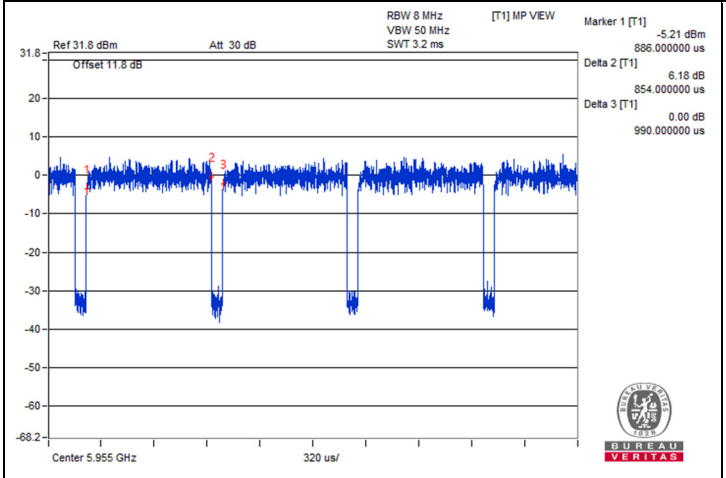
802.11be (EHT80) 2S2T



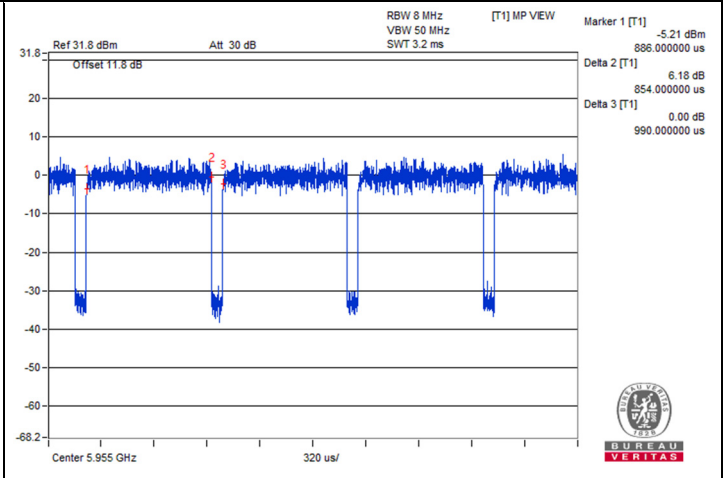
802.11be (EHT160) 2S2T



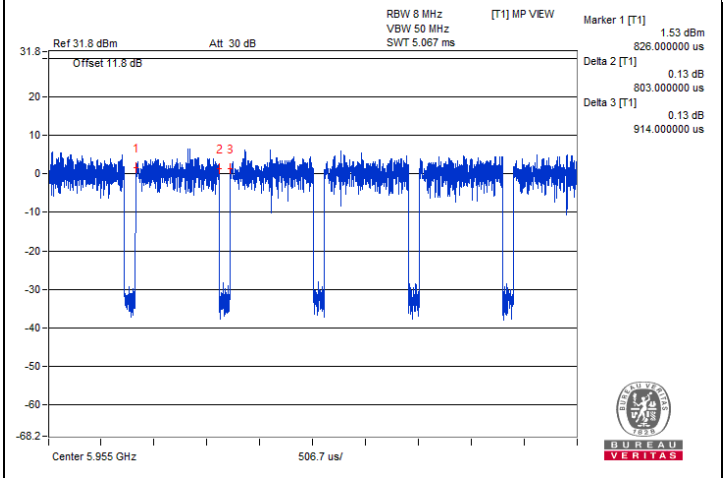
802.11be (EHT20) 26-tone RU 2S2T



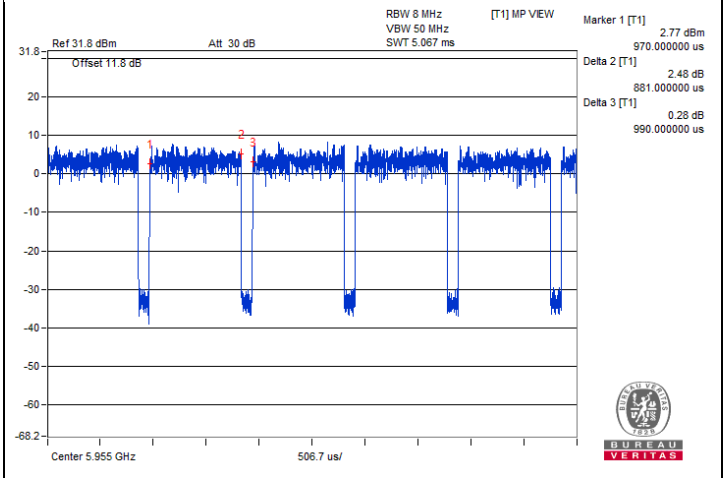
802.11be (EHT20) 52-tone RU 2S2T



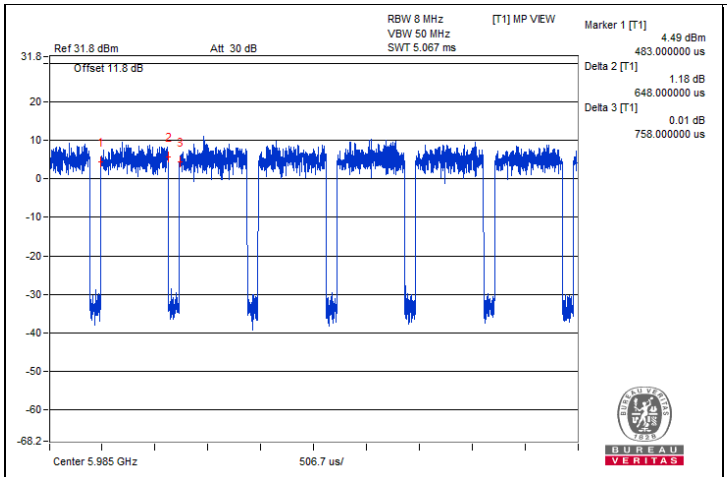
802.11be (EHT20) 106-tone RU 2S2T



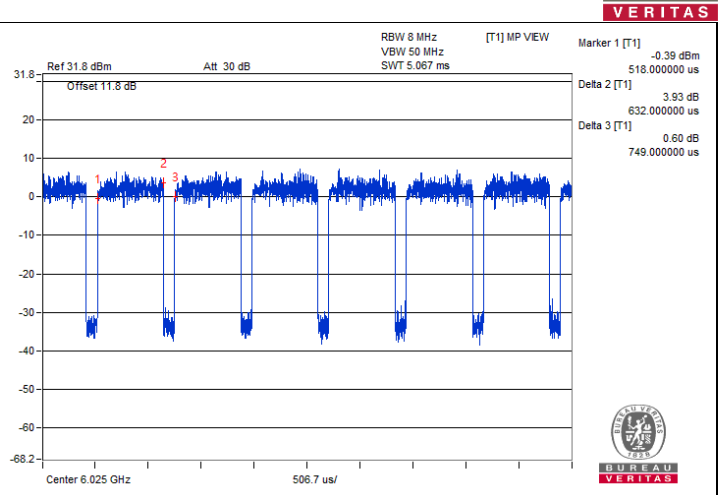
802.11be (EHT20) 52+26-tone MRU 2S2T



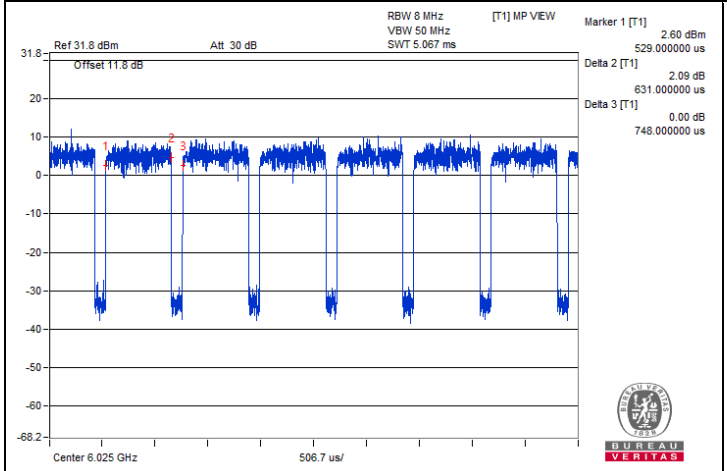
802.11be (EHT20) 106+26-tone MRU 2S2T



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



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



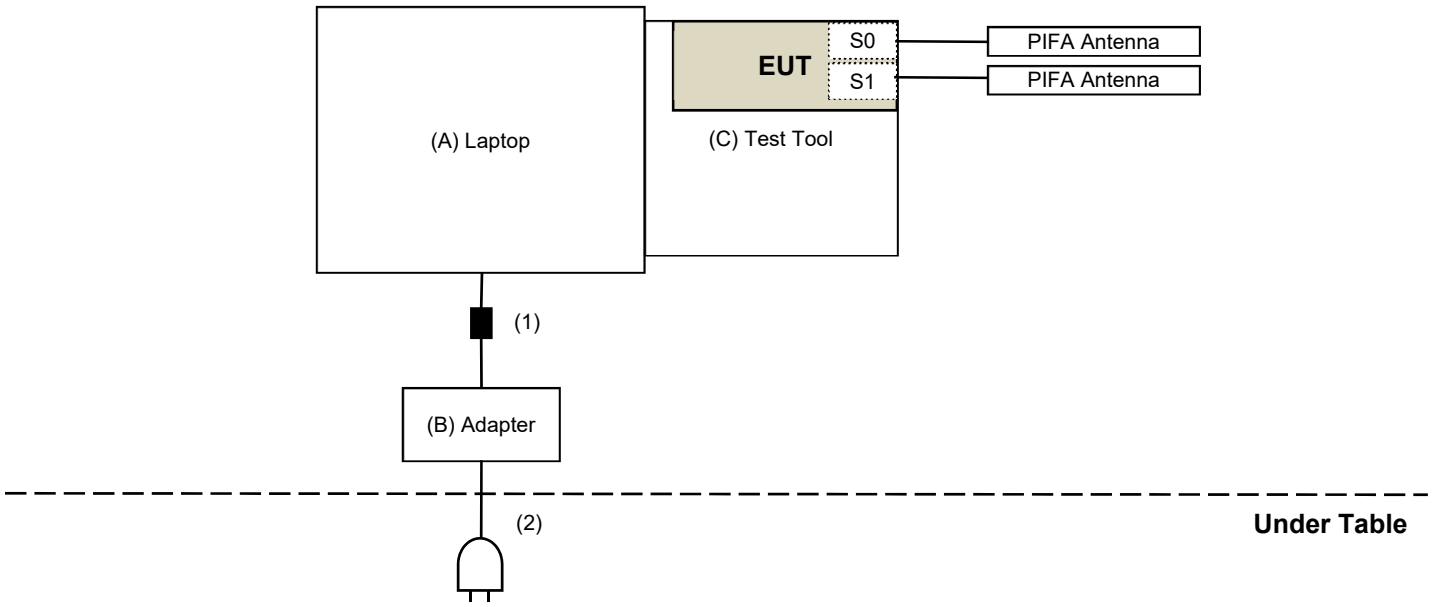
802.11be (EHT160) 996+484+242-tone MRU 2S2T

3.6 Test Program Used and Operation Descriptions

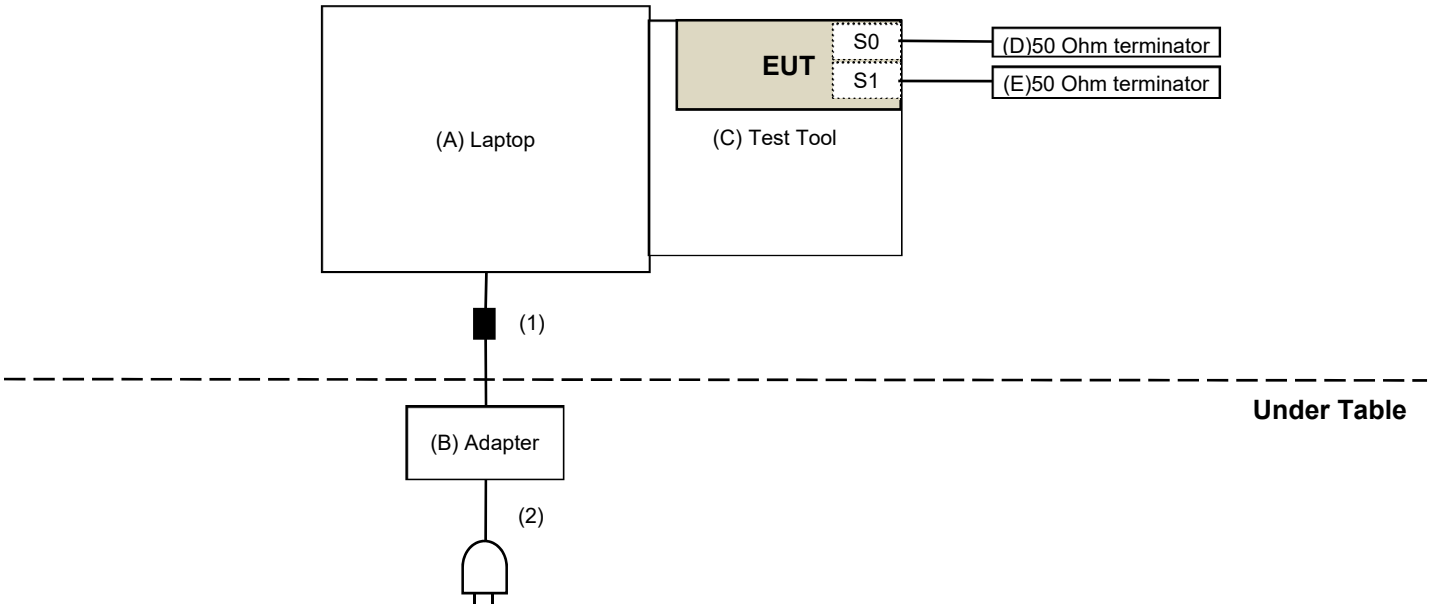
Controlling software (QAtool_V16 (0.0.2.104)) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

For AC Power Conducted Emission test



For Unwanted Emission test



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	DELL	E5430	HYV4VY1	DoC	Provided by Lab
B	Adapter	DELL	LLA65NS2-01	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
Power Meter Anritsu	ML2495A	1529002	2023/6/17	2024/6/16
Pulse Power Sensor Anritsu	MA2411B	1726434	2023/6/19	2024/6/18

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2023/12/14 ~ 2024/1/19

4.2 Maximum Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXA Signal Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17
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: 2023/12/14 ~ 2024/1/19

4.3 Emission Bandwidth

Refer to section 4.2 to get information of the instruments.

4.4 In-Band Emission Mask

Refer to section 4.2 to get information of the instruments.

4.5 Occupied Bandwidth

Refer to section 4.2 to get information of the instruments.

4.6 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
DC Power Supply Topward	6603D	795558	N/A	N/A
MXA Signal Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17
Software	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2022/12/26 2023/12/20	2023/12/25 2024/12/19
True RMS Clamp Meter FLUKE	325	31130711WS	2023/6/8	2024/6/7

Notes:
1. The test was performed in Oven room 2.
2. Tested Date: 2023/12/14 ~ 2024/1/19

4.7 Contention-based Protocol

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/1/3	2024/1/2
MXG Vector Signal Generator Agilent	N5182B	MY53050430	2023/12/4	2024/12/3
MXG Vector Signal Generator Keysight	N5182BU	MY59360189	2023/12/4	2024/12/3
Power Divider Woken	0120A02058001M	DCMD33WIK3	2023/5/5	2024/5/4
		DCMD33WIK7	2023/5/5	2024/5/4

Notes:
1. The test was performed in Adaptivity room.
2. Tested Date: 2023/12/5

4.8 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance Telegartner	50 ohm	3	2023/10/20	2024/10/19
EMI Test Receiver R&S	ESCS 30	847124/029	2023/10/18	2024/10/17
Fixed Attenuator STI	STI02-2200-10	005	2023/7/1	2024/6/30
LISN R&S	ESH3-Z5	835239/001	2023/4/6	2024/4/5
		848773/004	2023/10/13	2024/10/12
RF Coaxial Cable JYEBAO	5D-FB	COCCAB-001	2023/7/1	2024/6/30
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: 2024/1/15

4.9 Unwanted Emissions below 1 GHz

Mode A

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXA Signal Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17
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: 2024/1/24

Mode B

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-406	2023/10/13	2024/10/12
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Fixed Attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	2023/12/12	2024/12/11
Loop Antenna Electro-Metrics	EM-6879	264	2023/2/21	2024/2/20
MXA Signal Analyzer Keysight	N9020B	MY60112408	2023/3/6	2024/3/5
MXE EMI Receiver Keysight	N9038A	MY59050100	2023/6/13	2024/6/12
Preamplifier EMCI	EMC330N	980701	2023/2/18	2024/2/17
	EMC001340	980142	2023/5/8	2024/5/7
RF Coaxial Cable JYEBAO	5D-FB	LOOPCAB-001	2023/12/12	2024/12/11
		LOOPCAB-002	2023/12/12	2024/12/11
RF Coaxial Cable PEWC	8D	966-4-1	2023/2/18	2024/2/17
		966-4-2	2023/2/18	2024/2/17
		966-4-3	2023/2/18	2024/2/17
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: 2024/1/15

4.10 Unwanted Emissions above 1 GHz

Mode A

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXA Signal Analyzer Keysight	N9020B	MY60112409	2023/2/18	2024/2/17
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: 2023/12/6 ~ 2024/1/24

Mode B

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-783	2023/11/12	2024/11/11
	BBHA 9170	9170-739	2023/11/12	2024/11/11
MXA Signal Analyzer Keysight	N9020B	MY60112408	2023/3/6	2024/3/5
Preamplifier EMCI	EMC12630SE	980688	2023/10/3	2024/10/2
	EMC184045SE	980387	2023/8/9	2024/8/8
RF Coaxial Cable EMCI	EMC-KM-KM-4000	200214	2023/2/20	2024/2/19
	EMC102-KM-KM-1200	160924	2023/8/9	2024/8/8
	EMC104-SM-SM-1200	160922	2023/8/9	2024/8/8
	EMC104-SM-SM-2000	180502	2023/3/27	2024/3/26
	EMC104-SM-SM-6000	210704	2023/11/2	2024/11/1
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:
1. The test was performed in 966 Chamber No. 4.
2. Tested Date: 2024/1/17 ~ 2024/1/19

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

5.6 Frequency Stability

The frequency of the carrier signal shall be maintained within band of operation.

5.7 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.

5.8 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.

5.9 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).

5.10 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:

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

6 Test Arrangements

6.1 Maximum RF Output Power

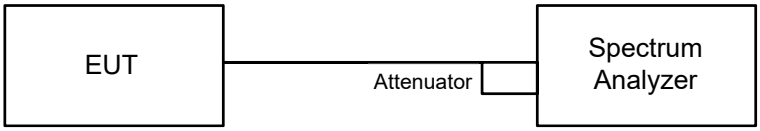
6.1.1 Test Setup

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



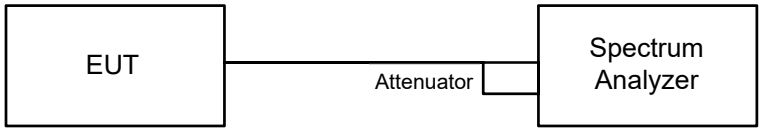
6.2.2 Test Procedure

For specified measurement bandwidth 1 MHz:
Method SA-2

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
c. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
d. Sweep time = auto, trigger set to “free run”.
e. Trace average at least 100 traces in power averaging mode.
f. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
g. Record the max value and add 10 log (1/duty cycle).

6.3 Emission Bandwidth

6.3.1 Test Setup

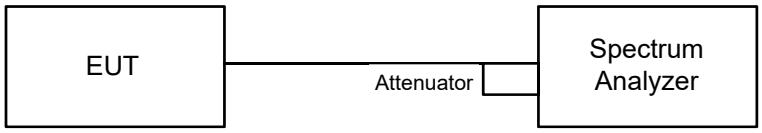


6.3.2 Test Procedure

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

6.4 In-Band Emission Mask

6.4.1 Test Setup

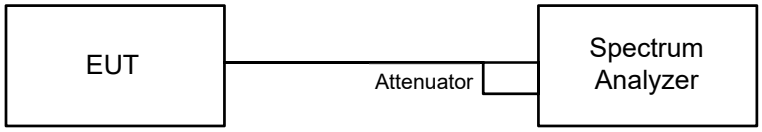


6.4.2 Test Procedure

a. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
b. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (Determine the channel edge.)
c. Measure the power spectral density (for emissions mask reference) using the following procedure:
a) Set the span to encompass the entire 26 dB EBW of the signal.
b) Set RBW = same RBW used for 26 dB EBW measurement.
c) Set VBW ≥ [3 X RBW].
d) Number of points in sweep ≥ [2 X span / RBW].
e) Sweep time = auto.
f) Detector = RMS (i.e., power averaging).
g) Trace average at least 100 traces in power averaging (rms) mode.
h) Use the peak search function on the instrument to find the peak of the spectrum.
d. 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:
a) 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.)
b) Suppressed by 28 dB at one channel bandwidth from the channel center.
c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
e. Adjust the span to encompass the entire mask as necessary and clear trace.
f. Trace average at least 100 traces in power averaging (rms) mode.
g. 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

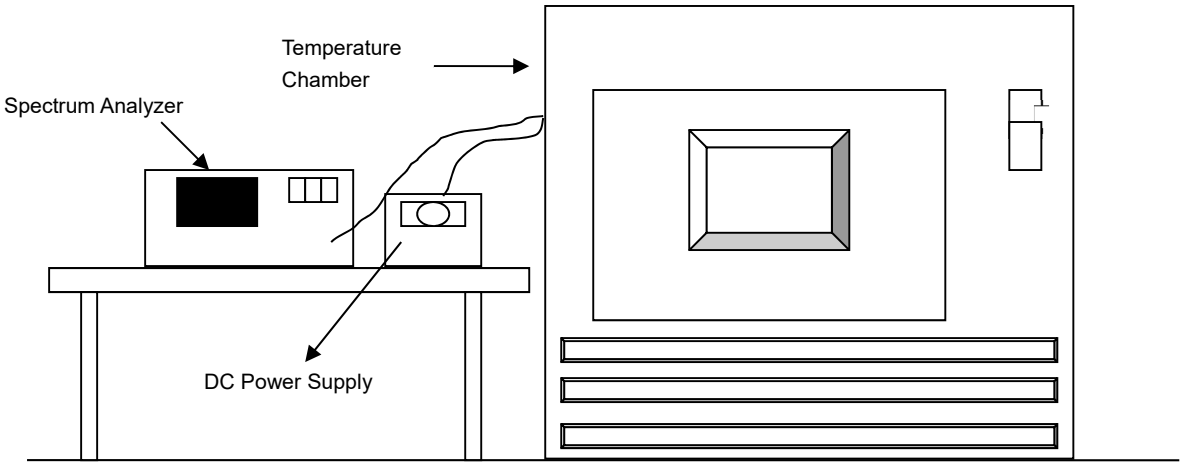


6.5.2 Test Procedure

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 Frequency Stability

6.6.1 Test Setup

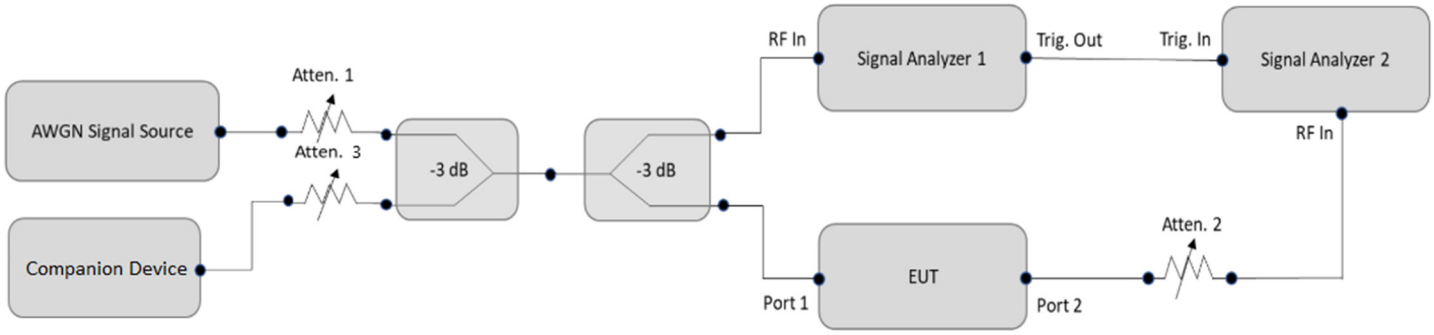


6.6.2 Test Procedure

a. The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
b. Turn the EUT on and couple its output to a spectrum analyzer.
c. Turn the EUT off and set the chamber to the highest temperature specified.
d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
e. Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

6.7 Contention-based Protocol

6.7.1 Test Setup



6.7.2 Test Procedure

a. 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.

b. 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).

c. Determine number of times detection threshold test as following table,

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

d. 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.

e. 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.

f. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

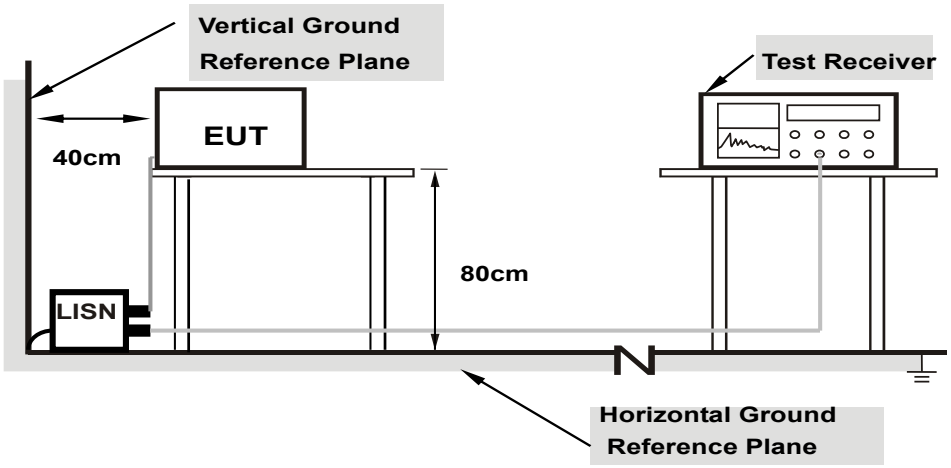
g. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.

h. (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.

i. 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.

6.8 AC Power Conducted Emissions

6.8.1 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).

6.8.2 Test Procedure

a. The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

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

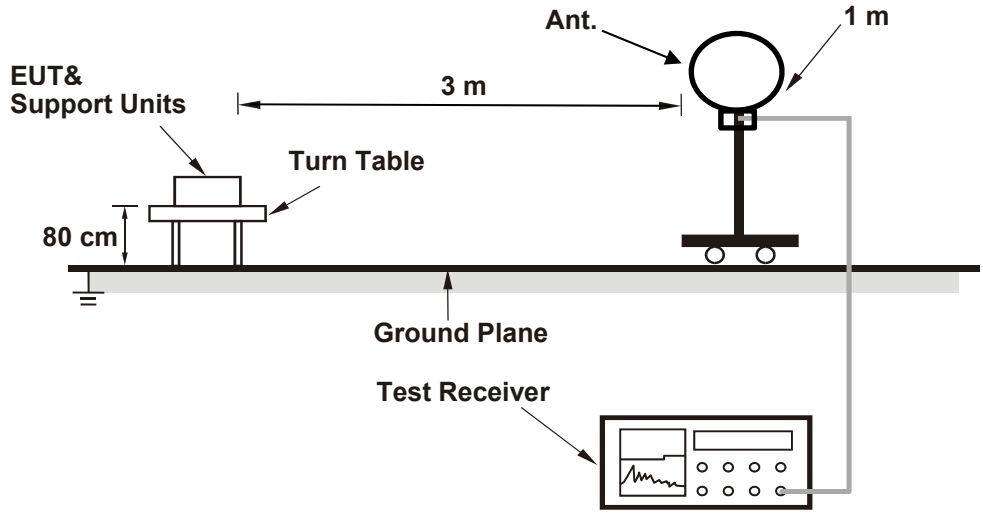
Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

6.9 Unwanted Emissions below 1 GHz

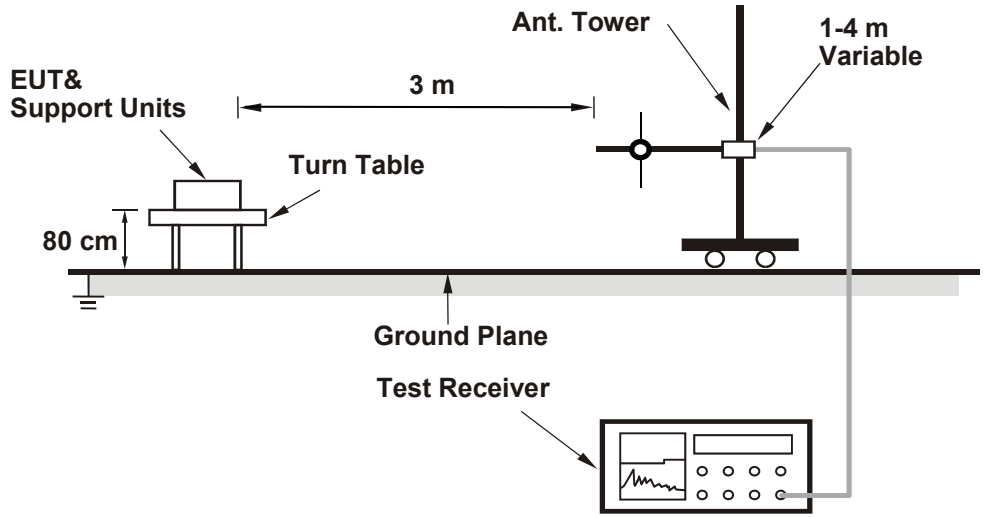
6.9.1 Test Setup

For Radiated Configuration:

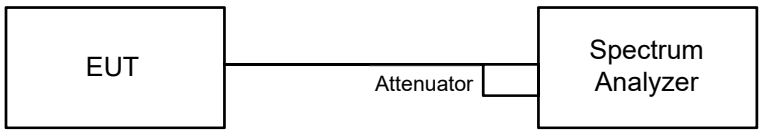
For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For Conducted Configuration:



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

6.9.2 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:

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:

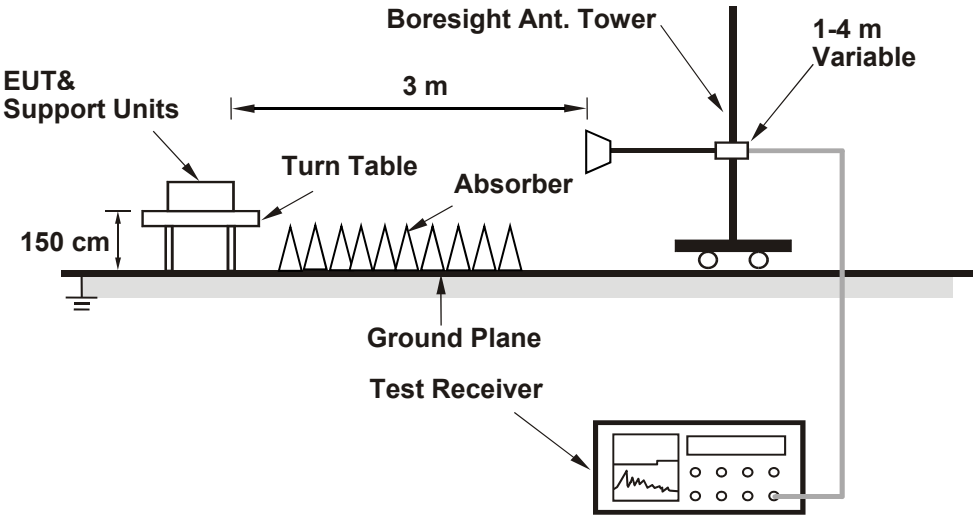
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

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. 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. 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.

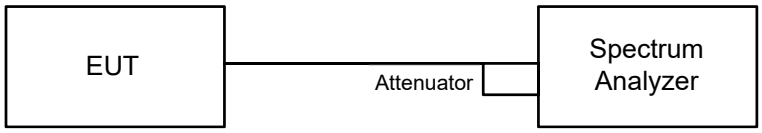
6.10 Unwanted Emissions above 1 GHz

6.10.1 Test Setup

For Radiated Configuration:



For Conducted Configuration:



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

6.10.2 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

e-1. 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.

e-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-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 ≥ 1/T (Duty cycle < 98%) or 10 Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1 GHz.
3. All modes of operation were investigated and the worst-case emissions are reported.

Radiated versus Conducted Measurement
For Radiated measurement: The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation). For Conducted measurement: The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions). For Verified radiated measurement: The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation).
Conducted Unwanted Emission Convert Formula
a. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8 d = measurement distance in 3 meters. b. EIRP Level (dBm) = Raw Value(dBm) + Correction Factor(dB). c. Correction Factor is directional gain, and the composite gain will be used when signal support the correlated signal For the out of band spurious the gain for the specific band may have been used rather than the highest gain across all bands. For the band edge the gain for the specific band may have been used. Note: The conducted emission test was considered some factor to compute test result.

7 Test Results of Test Item

7.1 Maximum RF Output Power

under control of a low-power indoor AP

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

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	5.129	7.10	4.76	15.347	11.86	24	Pass
45	6175	5.105	7.08	4.76	15.276	11.84	24	Pass
93	6415	4.989	6.98	4.76	14.928	11.74	24	Pass
97	6435	5.321	7.26	4.29	14.289	11.55	24	Pass
105	6475	5.26	7.21	4.29	14.125	11.5	24	Pass
113	6515	5.093	7.07	4.29	13.676	11.36	24	Pass
117	6535	4.831	6.84	4.61	13.965	11.45	24	Pass
149	6695	5.152	7.12	4.61	14.893	11.73	24	Pass
181	6855	5.07	7.05	4.61	14.656	11.66	24	Pass
185	6875	5.105	7.08	4.61	14.757	11.69	24	Pass
209	6995	5.702	7.56	4.09	14.623	11.65	24	Pass
233	7115	5.662	7.53	4.09	14.52	11.62	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	5.07	7.05	4.76	15.171	11.81	24	Pass
45	6175	4.875	6.88	4.76	14.587	11.64	24	Pass
93	6415	4.853	6.86	4.76	14.521	11.62	24	Pass
97	6435	5.636	7.51	4.29	15.135	11.8	24	Pass
105	6475	5.623	7.50	4.29	15.1	11.79	24	Pass
113	6515	5.675	7.54	4.29	15.239	11.83	24	Pass
117	6535	5.309	7.25	4.61	15.347	11.86	24	Pass
149	6695	4.966	6.96	4.61	14.355	11.57	24	Pass
181	6855	5	6.99	4.61	14.453	11.6	24	Pass
185	6875	4.943	6.94	4.61	14.289	11.55	24	Pass
209	6995	5.675	7.54	4.09	14.553	11.63	24	Pass
233	7115	5.433	7.35	4.09	13.933	11.44	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	9.333	9.70	4.76	27.927	14.46	24	Pass
43	6165	9.462	9.76	4.76	28.313	14.52	24	Pass
91	6405	9.141	9.61	4.76	27.352	14.37	24	Pass
99	6445	10.28	10.12	4.29	27.605	14.41	24	Pass
107	6485	10.023	10.01	4.29	26.915	14.3	24	Pass
115	6525	9.683	9.86	4.61	27.99	14.47	24	Pass
123	6565	8.933	9.51	4.61	25.822	14.12	24	Pass
155	6725	9.099	9.59	4.61	26.302	14.2	24	Pass
179	6845	9.162	9.62	4.61	26.484	14.23	24	Pass
187	6885	9.954	9.98	4.09	25.527	14.07	24	Pass
211	7005	10.351	10.15	4.09	26.545	14.24	24	Pass
227	7085	10.52	10.22	4.09	26.978	14.31	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	17.701	12.48	4.76	52.966	17.24	24	Pass
39	6145	18.621	12.70	4.76	55.719	17.46	24	Pass
87	6385	17.338	12.39	4.76	51.88	17.15	24	Pass
103	6465	20.37	13.09	4.29	54.7	17.38	24	Pass
119	6545	17.824	12.51	4.61	51.523	17.12	24	Pass
151	6705	18.281	12.62	4.61	52.845	17.23	24	Pass
183	6865	17.298	12.38	4.61	50.003	16.99	24	Pass
199	6945	20.045	13.02	4.09	51.405	17.11	24	Pass
215	7025	19.143	12.82	4.09	49.092	16.91	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	32.509	15.12	4.76	97.276	19.88	24	Pass
47	6185	32.211	15.08	4.76	96.384	19.84	24	Pass
79	6345	32.434	15.11	4.76	97.051	19.87	24	Pass
111	6505	36.224	15.59	4.29	97.274	19.88	24	Pass
143	6665	34.277	15.35	4.61	99.084	19.96	24	Pass
175	6825	31.696	15.01	4.61	91.623	19.62	24	Pass
207	6985	41.02	16.13	4.09	105.195	20.22	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	5.224	7.18	4.76	15.632	11.94	24	Pass
45	6175	4.92	6.92	4.76	14.722	11.68	24	Pass
93	6415	4.898	6.90	4.76	14.656	11.66	24	Pass
97	6435	5.702	7.56	4.29	15.312	11.85	24	Pass
105	6475	5.768	7.61	4.29	15.489	11.9	24	Pass
113	6515	5.702	7.56	4.29	15.312	11.85	24	Pass
117	6535	5.358	7.29	4.61	15.488	11.9	24	Pass
149	6695	5.07	7.05	4.61	14.656	11.66	24	Pass
181	6855	5.035	7.02	4.61	14.555	11.63	24	Pass
185	6875	5.082	7.06	4.61	14.69	11.67	24	Pass
209	6995	5.728	7.58	4.09	14.689	11.67	24	Pass
233	7115	5.495	7.40	4.09	14.092	11.49	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	9.572	9.81	4.76	28.642	14.57	24	Pass
43	6165	9.727	9.88	4.76	29.106	14.64	24	Pass
91	6405	9.376	9.72	4.76	28.055	14.48	24	Pass
99	6445	10.351	10.15	4.29	27.796	14.44	24	Pass
107	6485	10.28	10.12	4.29	27.605	14.41	24	Pass
115	6525	10.023	10.01	4.61	28.973	14.62	24	Pass
123	6565	9.141	9.61	4.61	26.424	14.22	24	Pass
155	6725	9.333	9.70	4.61	26.979	14.31	24	Pass
179	6845	9.247	9.66	4.61	26.73	14.27	24	Pass
187	6885	10.046	10.02	4.09	25.763	14.11	24	Pass
211	7005	10.495	10.21	4.09	26.914	14.3	24	Pass
227	7085	10.666	10.28	4.09	27.353	14.37	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	18.03	12.56	4.76	53.951	17.32	24	Pass
39	6145	19.409	12.88	4.76	58.077	17.64	24	Pass
87	6385	17.824	12.51	4.76	53.334	17.27	24	Pass
103	6465	20.893	13.20	4.29	56.105	17.49	24	Pass
119	6545	18.239	12.61	4.61	52.723	17.22	24	Pass
151	6705	18.88	12.76	4.61	54.576	17.37	24	Pass
183	6865	17.378	12.40	4.61	50.234	17.01	24	Pass
199	6945	20.184	13.05	4.09	51.762	17.14	24	Pass
215	7025	19.907	12.99	4.09	51.051	17.08	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	31.769	15.02	4.76	95.061	19.78	24	Pass
47	6185	33.343	15.23	4.76	99.771	19.99	24	Pass
79	6345	32.584	15.13	4.76	97.5	19.89	24	Pass
111	6505	36.475	15.62	4.29	97.948	19.91	24	Pass
143	6665	34.674	15.40	4.61	100.231	20.01	24	Pass
175	6825	31.989	15.05	4.61	92.47	19.66	24	Pass
207	6985	41.305	16.16	4.09	105.926	20.25	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	0.811	-0.91	4.76	2.427	3.85	24	Pass
93	6415	0.7638	-1.17	4.76	2.285	3.59	24	Pass
97	6435	0.8035	-0.95	4.29	2.158	3.34	24	Pass
113	6515	0.8492	-0.71	4.29	2.28	3.58	24	Pass
117	6535	0.8054	-0.94	4.61	2.328	3.67	24	Pass
185	6875	0.8017	-0.96	4.61	2.317	3.65	24	Pass
209	6995	0.8872	-0.52	4.09	2.275	3.57	24	Pass
233	7115	0.879	-0.56	4.09	2.254	3.53	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	1.622	2.10	4.76	4.853	6.86	24	Pass
93	6415	1.629	2.12	4.76	4.874	6.88	24	Pass
97	6435	1.603	2.05	4.29	4.305	6.34	24	Pass
113	6515	1.614	2.08	4.29	4.334	6.37	24	Pass
117	6535	1.592	2.02	4.61	4.602	6.63	24	Pass
185	6875	1.607	2.06	4.61	4.645	6.67	24	Pass
209	6995	1.758	2.45	4.09	4.508	6.54	24	Pass
233	7115	1.742	2.41	4.09	4.467	6.5	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	3.199	5.05	4.76	9.572	9.81	24	Pass
93	6415	3.09	4.90	4.76	9.246	9.66	24	Pass
97	6435	3.17	5.01	4.29	8.513	9.3	24	Pass
113	6515	3.281	5.16	4.29	8.811	9.45	24	Pass
117	6535	3.228	5.09	4.61	9.331	9.7	24	Pass
185	6875	3.258	5.13	4.61	9.418	9.74	24	Pass
209	6995	3.467	5.40	4.09	8.891	9.49	24	Pass
233	7115	3.581	5.54	4.09	9.183	9.63	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	2.193	3.41	4.76	6.562	8.17	24	Pass
93	6415	2.27	3.56	4.76	6.792	8.32	24	Pass
97	6435	2.449	3.89	4.29	6.576	8.18	24	Pass
113	6515	2.559	4.08	4.29	6.872	8.37	24	Pass
117	6535	2.377	3.76	4.61	6.871	8.37	24	Pass
185	6875	2.239	3.50	4.61	6.472	8.11	24	Pass
209	6995	2.41	3.82	4.09	6.18	7.91	24	Pass
233	7115	2.624	4.19	4.09	6.729	8.28	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	2.748	4.39	4.76	8.223	9.15	24	Pass
93	6415	2.858	4.56	4.76	8.552	9.32	24	Pass
97	6435	3.105	4.92	4.29	8.338	9.21	24	Pass
113	6515	3.083	4.89	4.29	8.279	9.18	24	Pass
117	6535	2.871	4.58	4.61	8.299	9.19	24	Pass
185	6875	2.858	4.56	4.61	8.262	9.17	24	Pass
209	6995	3.177	5.02	4.09	8.147	9.11	24	Pass
233	7115	3.228	5.09	4.09	8.278	9.18	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	13.932	11.44	4.76	41.688	16.2	24	Pass
87	6385	14.388	11.58	4.76	43.053	16.34	24	Pass
103	6465	16.218	12.10	4.29	43.551	16.39	24	Pass
119	6545	14.289	11.55	4.61	41.305	16.16	24	Pass
183	6865	14.322	11.56	4.61	41.4	16.17	24	Pass
199	6945	16.032	12.05	4.09	41.114	16.14	24	Pass
215	7025	16.181	12.09	4.09	41.496	16.18	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	27.606	14.41	4.76	82.604	19.17	24	Pass
79	6345	28.054	14.48	4.76	83.945	19.24	24	Pass
111	6505	30.2	14.80	4.29	81.097	19.09	24	Pass
143	6665	28.84	14.60	4.61	83.367	19.21	24	Pass
175	6825	28.184	14.50	4.61	81.471	19.11	24	Pass
207	6985	30.549	14.85	4.09	78.342	18.94	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 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	32.434	15.11	4.76	97.051	19.87	24	Pass
79	6345	31.696	15.01	4.76	94.843	19.77	24	Pass
111	6505	36.141	15.58	4.29	97.051	19.87	24	Pass
143	6665	31.989	15.05	4.61	92.47	19.66	24	Pass
175	6825	32.509	15.12	4.61	93.973	19.73	24	Pass
207	6985	36.308	15.60	4.09	93.111	19.69	24	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-6, the antenna gain is 4.29 dBi.
3. For U-NII-7, the antenna gain is 4.61 dBi.
4. For U-NII-8, the antenna gain is 4.09 dBi.

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	1.05	0.99	2.53	4.03	4.76	7.57	8.79	24	Pass
45	6175	1.11	0.96	2.539	4.05	4.76	7.597	8.81	24	Pass
93	6415	1.06	0.96	2.524	4.02	4.76	7.552	8.78	24	Pass
97	6435	1.58	1.48	2.845	4.54	4.29	7.64	8.83	24	Pass
105	6475	1.60	1.46	2.845	4.54	4.29	7.64	8.83	24	Pass
113	6515	1.66	1.56	2.898	4.62	4.29	7.782	8.91	24	Pass
117	6535	0.94	0.83	2.452	3.90	4.61	7.088	8.51	24	Pass
149	6695	1.29	0.90	2.576	4.11	4.61	7.446	8.72	24	Pass
181	6855	0.93	1.09	2.524	4.02	4.61	7.296	8.63	24	Pass
185	6875	1.23	1.07	2.607	4.16	4.61	7.536	8.77	24	Pass
209	6995	1.65	1.49	2.871	4.58	4.09	7.363	8.67	24	Pass
233	7115	1.53	1.55	2.851	4.55	4.09	7.311	8.64	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, the maximum gain is 4.76 dBi.
3. For U-NII-6, the maximum gain is 4.29 dBi.
4. For U-NII-7, the maximum gain is 4.61 dBi.
5. For U-NII-8, the maximum gain is 4.09 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	3.95	3.81	4.887	6.89	4.76	14.623	11.65	24	Pass
45	6175	3.67	3.73	4.689	6.71	4.76	14.031	11.47	24	Pass
93	6415	3.62	3.70	4.646	6.67	4.76	13.902	11.43	24	Pass
97	6435	4.17	3.58	4.893	6.90	4.29	13.139	11.19	24	Pass
105	6475	4.07	4.13	5.141	7.11	4.29	13.805	11.4	24	Pass
113	6515	4.30	4.36	5.421	7.34	4.29	14.557	11.63	24	Pass
117	6535	3.65	3.51	4.561	6.59	4.61	13.184	11.2	24	Pass
149	6695	3.60	3.52	4.54	6.57	4.61	13.124	11.18	24	Pass
181	6855	3.55	3.65	4.582	6.61	4.61	13.245	11.22	24	Pass
185	6875	3.19	3.32	4.232	6.27	4.61	12.233	10.88	24	Pass
209	6995	4.50	4.44	5.598	7.48	4.09	14.356	11.57	24	Pass
233	7115	4.49	4.52	5.643	7.52	4.09	14.471	11.61	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	6.98	7.01	10.012	10.01	4.76	29.959	14.77	24	Pass
43	6165	7.02	6.88	9.91	9.96	4.76	29.653	14.72	24	Pass
91	6405	6.96	6.91	9.875	9.95	4.76	29.549	14.71	24	Pass
99	6445	7.02	7.15	10.223	10.10	4.29	27.452	14.39	24	Pass
107	6485	6.96	6.99	9.966	9.99	4.29	26.762	14.28	24	Pass
115	6525	6.62	6.44	8.998	9.54	4.61	26.01	14.15	24	Pass
123	6565	6.48	6.58	8.996	9.54	4.61	26.005	14.15	24	Pass
155	6725	6.53	6.59	9.058	9.57	4.61	26.184	14.18	24	Pass
179	6845	6.63	6.43	8.998	9.54	4.61	26.01	14.15	24	Pass
187	6885	7.51	7.22	10.909	10.38	4.09	27.976	14.47	24	Pass
211	7005	6.88	6.92	9.796	9.91	4.09	25.122	14	24	Pass
227	7085	6.93	6.89	9.818	9.92	4.09	25.178	14.01	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	9.44	9.50	17.703	12.48	4.76	52.972	17.24	24	Pass
39	6145	9.22	9.29	16.848	12.27	4.76	50.414	17.03	24	Pass
87	6385	9.35	9.44	17.4	12.41	4.76	52.065	17.17	24	Pass
103	6465	9.96	9.99	19.885	12.99	4.29	53.398	17.28	24	Pass
119	6545	9.40	9.53	17.684	12.48	4.61	51.119	17.09	24	Pass
151	6705	9.89	9.87	19.455	12.89	4.61	56.238	17.5	24	Pass
183	6865	9.84	10.01	19.661	12.94	4.61	56.834	17.55	24	Pass
199	6945	9.87	10.06	19.844	12.98	4.09	50.89	17.07	24	Pass
215	7025	10.07	10.04	20.255	13.07	4.09	51.944	17.16	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	12.38	12.42	34.756	15.41	4.76	103.999	20.17	24	Pass
47	6185	12.29	12.33	34.044	15.32	4.76	101.869	20.08	24	Pass
79	6345	12.39	12.42	34.796	15.42	4.76	104.119	20.18	24	Pass
111	6505	12.98	12.91	39.404	15.96	4.29	105.813	20.25	24	Pass
143	6665	12.44	12.69	36.117	15.58	4.61	104.403	20.19	24	Pass
175	6825	12.39	12.50	35.121	15.46	4.61	101.524	20.07	24	Pass
207	6985	13.18	13.28	42.078	16.24	4.09	107.908	20.33	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	3.99	3.86	4.938	6.94	4.76	14.776	11.7	24	Pass
45	6175	3.81	3.83	4.82	6.83	4.76	14.423	11.59	24	Pass
93	6415	4.38	4.44	5.521	7.42	4.76	16.52	12.18	24	Pass
97	6435	4.48	4.23	5.454	7.37	4.29	14.646	11.66	24	Pass
105	6475	4.26	4.30	5.358	7.29	4.29	14.388	11.58	24	Pass
113	6515	4.38	4.43	5.515	7.42	4.29	14.81	11.71	24	Pass
117	6535	3.69	3.55	4.603	6.63	4.61	13.306	11.24	24	Pass
149	6695	3.66	3.59	4.608	6.64	4.61	13.32	11.25	24	Pass
181	6855	3.61	3.70	4.64	6.67	4.61	13.413	11.28	24	Pass
185	6875	3.21	3.38	4.272	6.31	4.61	12.349	10.92	24	Pass
209	6995	4.59	4.49	5.689	7.55	4.09	14.589	11.64	24	Pass
233	7115	4.52	4.58	5.702	7.56	4.09	14.623	11.65	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	7.01	7.06	10.105	10.05	4.76	30.237	14.81	24	Pass
43	6165	7.06	6.91	9.991	10.00	4.76	29.896	14.76	24	Pass
91	6405	7.01	6.92	9.944	9.98	4.76	29.755	14.74	24	Pass
99	6445	7.05	7.20	10.318	10.14	4.29	27.707	14.43	24	Pass
107	6485	6.99	7.02	10.035	10.02	4.29	26.947	14.31	24	Pass
115	6525	6.68	6.48	9.102	9.59	4.61	26.311	14.2	24	Pass
123	6565	6.50	6.62	9.059	9.57	4.61	26.187	14.18	24	Pass
155	6725	6.59	6.61	9.142	9.61	4.61	26.427	14.22	24	Pass
179	6845	6.68	6.48	9.102	9.59	4.61	26.311	14.2	24	Pass
187	6885	7.55	7.26	11.01	10.42	4.09	28.235	14.51	24	Pass
211	7005	6.92	6.98	9.909	9.96	4.09	25.411	14.05	24	Pass
227	7085	6.97	6.94	9.92	9.97	4.09	25.44	14.06	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	9.55	9.63	18.199	12.60	4.76	54.456	17.36	24	Pass
39	6145	9.33	9.45	17.381	12.40	4.76	52.009	17.16	24	Pass
87	6385	9.48	9.54	17.867	12.52	4.76	53.463	17.28	24	Pass
103	6465	9.99	10.02	20.023	13.02	4.29	53.769	17.31	24	Pass
119	6545	9.55	9.69	18.327	12.63	4.61	52.977	17.24	24	Pass
151	6705	10.01	10.05	20.139	13.04	4.61	58.215	17.65	24	Pass
183	6865	10.02	10.13	20.35	13.09	4.61	58.825	17.7	24	Pass
199	6945	10.03	10.23	20.613	13.14	4.09	52.862	17.23	24	Pass
215	7025	10.19	10.21	20.943	13.21	4.09	53.708	17.3	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	12.55	12.59	36.144	15.58	4.76	108.152	20.34	24	Pass
47	6185	12.44	12.49	35.281	15.48	4.76	105.57	20.24	24	Pass
79	6345	12.42	12.45	35.037	15.45	4.76	104.84	20.21	24	Pass
111	6505	13.06	13.00	40.183	16.04	4.29	107.905	20.33	24	Pass
143	6665	12.46	12.73	36.37	15.61	4.61	105.134	20.22	24	Pass
175	6825	12.55	12.61	36.228	15.59	4.61	104.724	20.2	24	Pass
207	6985	13.20	13.31	42.322	16.27	4.09	108.534	20.36	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	-4.25	-4.18	0.7578	-1.20	4.76	2.268	3.56	24	Pass
93	6415	-3.86	-3.94	0.8148	-0.89	4.76	2.438	3.87	24	Pass
97	6435	-3.48	-3.31	0.9154	-0.38	4.29	2.458	3.91	24	Pass
113	6515	-3.80	-3.66	0.8474	-0.72	4.29	2.276	3.57	24	Pass
117	6535	-4.26	-4.19	0.756	-1.21	4.61	2.185	3.4	24	Pass
185	6875	-3.80	-3.79	0.8347	-0.78	4.61	2.413	3.83	24	Pass
209	6995	-3.60	-3.71	0.8621	-0.64	4.09	2.211	3.45	24	Pass
233	7115	-3.42	-3.55	0.8966	-0.47	4.09	2.299	3.62	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	-0.77	-0.80	1.6693	2.23	4.76	4.995	6.99	24	Pass
93	6415	-1.31	-1.29	1.4826	1.71	4.76	4.436	6.47	24	Pass
97	6435	-0.64	-0.75	1.7044	2.32	4.29	4.577	6.61	24	Pass
113	6515	-0.70	-0.65	1.7121	2.34	4.29	4.598	6.63	24	Pass
117	6535	-0.94	-0.86	1.6257	2.11	4.61	4.699	6.72	24	Pass
185	6875	-0.62	-0.86	1.6873	2.27	4.61	4.877	6.88	24	Pass
209	6995	-0.42	-0.59	1.7808	2.51	4.09	4.567	6.6	24	Pass
233	7115	-0.58	-0.44	1.7786	2.50	4.09	4.561	6.59	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	1.85	1.98	3.109	4.93	4.76	9.303	9.69	24	Pass
93	6415	2.26	2.16	3.327	5.22	4.76	9.955	9.98	24	Pass
97	6435	2.40	2.29	3.432	5.36	4.29	9.216	9.65	24	Pass
113	6515	2.38	2.39	3.464	5.40	4.29	9.302	9.69	24	Pass
117	6535	2.12	2.15	3.27	5.15	4.61	9.453	9.76	24	Pass
185	6875	2.19	2.12	3.285	5.17	4.61	9.496	9.78	24	Pass
209	6995	2.59	2.66	3.661	5.64	4.09	9.389	9.73	24	Pass
233	7115	2.68	2.63	3.686	5.67	4.09	9.453	9.76	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	0.60	0.76	2.339	3.69	4.76	6.999	8.45	24	Pass
93	6415	0.61	0.54	2.283	3.59	4.76	6.831	8.35	24	Pass
97	6435	0.93	0.79	2.438	3.87	4.29	6.547	8.16	24	Pass
113	6515	0.92	0.99	2.492	3.97	4.29	6.692	8.26	24	Pass
117	6535	0.66	0.76	2.355	3.72	4.61	6.808	8.33	24	Pass
185	6875	0.55	0.71	2.313	3.64	4.61	6.686	8.25	24	Pass
209	6995	1.06	1.09	2.562	4.09	4.09	6.57	8.18	24	Pass
233	7115	1.19	1.26	2.652	4.24	4.09	6.801	8.33	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	1.44	1.53	2.815	4.49	4.76	8.423	9.25	24	Pass
93	6415	1.29	1.38	2.72	4.35	4.76	8.139	9.11	24	Pass
97	6435	1.89	1.81	3.062	4.86	4.29	8.223	9.15	24	Pass
113	6515	1.79	1.66	2.976	4.74	4.29	7.992	9.03	24	Pass
117	6535	1.39	1.43	2.767	4.42	4.61	7.999	9.03	24	Pass
185	6875	1.41	1.50	2.796	4.47	4.61	8.082	9.08	24	Pass
209	6995	1.98	2.15	3.218	5.08	4.09	8.253	9.17	24	Pass
233	7115	1.71	1.82	3.003	4.78	4.09	7.701	8.87	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	8.44	8.59	14.21	11.53	4.76	42.52	16.29	24	Pass
87	6385	8.48	8.66	14.392	11.58	4.76	43.065	16.34	24	Pass
103	6465	9.01	8.96	15.832	12.00	4.29	42.514	16.29	24	Pass
119	6545	8.62	8.49	14.341	11.57	4.61	41.455	16.18	24	Pass
183	6865	8.23	8.56	13.831	11.41	4.61	39.981	16.02	24	Pass
199	6945	9.03	8.88	15.725	11.97	4.09	40.327	16.06	24	Pass
215	7025	8.97	9.06	15.942	12.03	4.09	40.883	16.12	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	11.25	12.10	29.553	14.71	4.76	88.43	19.47	24	Pass
79	6345	11.52	11.45	28.154	14.50	4.76	84.244	19.26	24	Pass
111	6505	12.01	11.96	31.589	15.00	4.29	84.827	19.29	24	Pass
143	6665	11.48	11.59	28.482	14.55	4.61	82.332	19.16	24	Pass
175	6825	11.53	11.58	28.611	14.57	4.61	82.705	19.18	24	Pass
207	6985	11.99	11.89	31.265	14.95	4.09	80.179	19.04	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 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	11.81	11.76	30.167	14.80	4.76	90.268	19.56	24	Pass
79	6345	11.73	11.80	30.029	14.78	4.76	89.855	19.54	24	Pass
111	6505	12.44	12.56	35.569	15.51	4.29	95.515	19.8	24	Pass
143	6665	11.77	11.81	30.202	14.80	4.61	87.304	19.41	24	Pass
175	6825	11.80	11.79	30.236	14.81	4.61	87.403	19.42	24	Pass
207	6985	12.55	12.59	36.144	15.58	4.09	92.691	19.67	24	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-6, the directional gain is 4.29 dBi.
3. For U-NII-7, the directional gain is 4.61 dBi.
4. For U-NII-8, the directional gain is 4.09 dBi.

under control of a Standard Power AP

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

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	276.694	24.42	4.76	827.942	29.18	30	Pass
45	6175	266.073	24.25	4.76	796.161	29.01	30	Pass
93	6415	274.789	24.39	4.76	822.241	29.15	30	Pass
117	6535	269.774	24.31	4.61	779.83	28.92	30	Pass
149	6695	278.612	24.45	4.61	805.378	29.06	30	Pass
181	6855	275.423	24.40	4.61	796.16	29.01	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	295.121	24.70	4.76	883.08	29.46	30	Pass
45	6175	291.743	24.65	4.76	872.972	29.41	30	Pass
93	6415	301.995	24.80	4.76	903.649	29.56	30	Pass
117	6535	258.226	24.12	4.61	746.449	28.73	30	Pass
149	6695	268.534	24.29	4.61	776.246	28.9	30	Pass
181	6855	269.774	24.31	4.61	779.83	28.92	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	137.404	21.38	4.76	411.149	26.14	30	Pass
43	6165	316.957	25.01	4.76	948.419	29.77	30	Pass
91	6405	313.329	24.96	4.76	937.563	29.72	30	Pass
123	6565	318.42	25.03	4.61	920.45	29.64	30	Pass
155	6725	306.902	24.87	4.61	887.155	29.48	30	Pass
179	6845	315.5	24.99	4.61	912.01	29.6	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	107.895	20.33	4.76	322.85	25.09	30	Pass
39	6145	319.154	25.04	4.76	954.993	29.8	30	Pass
87	6385	315.5	24.99	4.76	944.059	29.75	30	Pass
135	6625	298.538	24.75	4.61	862.978	29.36	30	Pass
151	6705	322.849	25.09	4.61	933.253	29.7	30	Pass
167	6785	323.594	25.10	4.61	935.407	29.71	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	106.66	20.28	4.76	319.155	25.04	30	Pass
47	6185	125.314	20.98	4.76	374.973	25.74	30	Pass
79	6345	120.504	20.81	4.76	360.58	25.57	30	Pass
143	6665	96.161	19.83	4.61	277.971	24.44	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	297.852	24.74	4.76	891.252	29.5	30	Pass
45	6175	296.483	24.72	4.76	887.156	29.48	30	Pass
93	6415	307.61	24.88	4.76	920.451	29.64	30	Pass
117	6535	267.917	24.28	4.61	774.462	28.89	30	Pass
149	6695	276.058	24.41	4.61	797.995	29.02	30	Pass
181	6855	278.612	24.45	4.61	805.378	29.06	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	140.605	21.48	4.76	420.727	26.24	30	Pass
43	6165	322.107	25.08	4.76	963.829	29.84	30	Pass
91	6405	317.687	25.02	4.76	950.604	29.78	30	Pass
123	6565	331.131	25.20	4.61	957.194	29.81	30	Pass
155	6725	322.107	25.08	4.61	931.108	29.69	30	Pass
179	6845	320.627	25.06	4.61	926.83	29.67	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	109.901	20.41	4.76	328.853	25.17	30	Pass
39	6145	322.107	25.08	4.76	963.829	29.84	30	Pass
87	6385	320.627	25.06	4.76	959.401	29.82	30	Pass
135	6625	301.995	24.80	4.61	872.971	29.41	30	Pass
151	6705	335.738	25.26	4.61	970.511	29.87	30	Pass
167	6785	336.512	25.27	4.61	972.748	29.88	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	107.895	20.33	4.76	322.85	25.09	30	Pass
47	6185	126.474	21.02	4.76	378.444	25.78	30	Pass
79	6345	123.027	20.90	4.76	368.129	25.66	30	Pass
143	6665	98.628	19.94	4.61	285.102	24.55	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	44.771	16.51	4.76	133.967	21.27	30	Pass
93	6415	46.989	16.72	4.76	140.604	21.48	30	Pass
117	6535	44.875	16.52	4.61	129.719	21.13	30	Pass
181	6855	44.259	16.46	4.61	127.939	21.07	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	89.331	19.51	4.76	267.302	24.27	30	Pass
93	6415	105.196	20.22	4.76	314.774	24.98	30	Pass
117	6535	92.683	19.67	4.61	267.917	24.28	30	Pass
181	6855	88.716	19.48	4.61	256.45	24.09	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	178.649	22.52	4.76	534.565	27.28	30	Pass
93	6415	188.799	22.76	4.76	564.937	27.52	30	Pass
117	6535	178.649	22.52	4.61	516.417	27.13	30	Pass
181	6855	194.984	22.90	4.61	563.636	27.51	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	125.603	20.99	4.76	375.837	25.75	30	Pass
93	6415	133.352	21.25	4.76	399.024	26.01	30	Pass
117	6535	127.644	21.06	4.61	368.978	25.67	30	Pass
181	6855	136.144	21.34	4.61	393.549	25.95	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	169.434	22.29	4.76	506.991	27.05	30	Pass
93	6415	167.109	22.23	4.76	500.034	26.99	30	Pass
117	6535	194.536	22.89	4.61	562.341	27.5	30	Pass
181	6855	172.584	22.37	4.61	498.885	26.98	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	108.393	20.35	4.76	324.341	25.11	30	Pass
87	6385	190.108	22.79	4.76	568.853	27.55	30	Pass
135	6625	188.365	22.75	4.61	544.503	27.36	30	Pass
167	6785	188.799	22.76	4.61	545.757	27.37	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	106.66	20.28	4.76	319.155	25.04	30	Pass
79	6345	120.504	20.81	4.76	360.58	25.57	30	Pass
143	6665	97.724	19.90	4.61	282.489	24.51	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 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	107.152	20.30	4.76	320.627	25.06	30	Pass
79	6345	122.462	20.88	4.76	366.439	25.64	30	Pass
143	6665	98.855	19.95	4.61	285.758	24.56	30	Pass

Notes:

1. For U-NII-5, the antenna gain is 4.76 dBi.
2. For U-NII-7, the antenna gain is 4.61 dBi.

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	17.80	17.76	119.959	20.79	4.76	358.949	25.55	30	Pass
45	6175	17.96	17.65	120.728	20.82	4.76	361.25	25.58	30	Pass
93	6415	17.86	17.66	119.439	20.77	4.76	357.393	25.53	30	Pass
117	6535	17.89	17.80	121.774	20.86	4.61	352.01	25.47	30	Pass
149	6695	17.88	17.79	121.494	20.85	4.61	351.2	25.46	30	Pass
181	6855	17.93	17.76	121.79	20.86	4.61	352.056	25.47	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, the maximum gain is 4.76 dBi.
3. For U-NII-7, the maximum gain is 4.61 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	21.11	20.92	252.717	24.03	4.76	756.196	28.79	30	Pass
45	6175	20.85	21.01	247.801	23.94	4.76	741.486	28.7	30	Pass
93	6415	20.90	21.15	253.344	24.04	4.76	758.072	28.8	30	Pass
117	6535	21.31	20.95	259.659	24.14	4.61	750.591	28.75	30	Pass
149	6695	21.19	21.20	263.348	24.21	4.61	761.255	28.82	30	Pass
181	6855	21.32	21.17	266.437	24.26	4.61	770.184	28.87	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	20.72	20.60	232.847	23.67	4.76	696.74	28.43	30	Pass
43	6165	21.89	21.94	310.84	24.93	4.76	930.116	29.69	30	Pass
91	6405	22.03	21.50	300.842	24.78	4.76	900.199	29.54	30	Pass
123	6565	21.76	22.05	310.293	24.92	4.61	896.958	29.53	30	Pass
155	6725	21.88	21.94	310.485	24.92	4.61	897.513	29.53	30	Pass
179	6845	21.89	22.17	319.342	25.04	4.61	923.115	29.65	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	19.81	19.75	190.125	22.79	4.76	568.904	27.55	30	Pass
39	6145	22.00	21.96	315.526	24.99	4.76	944.137	29.75	30	Pass
87	6385	21.87	21.98	311.577	24.94	4.76	932.321	29.7	30	Pass
135	6625	22.06	22.09	322.502	25.09	4.61	932.25	29.7	30	Pass
151	6705	21.98	21.88	311.931	24.94	4.61	901.693	29.55	30	Pass
167	6785	22.15	22.21	330.4	25.19	4.61	955.081	29.8	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	21.97	21.72	305.992	24.86	4.76	915.609	29.62	30	Pass
47	6185	21.97	21.89	311.924	24.94	4.76	933.359	29.7	30	Pass
79	6345	22.07	21.67	307.957	24.88	4.76	921.489	29.64	30	Pass
143	6665	22.32	22.16	335.045	25.25	4.61	968.508	29.86	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	21.27	21.08	262.201	24.19	4.76	784.575	28.95	30	Pass
45	6175	20.98	21.11	254.436	24.06	4.76	761.34	28.82	30	Pass
93	6415	20.96	21.22	257.173	24.10	4.76	769.53	28.86	30	Pass
117	6535	21.47	21.15	270.598	24.32	4.61	782.212	28.93	30	Pass
149	6695	21.38	21.33	273.236	24.37	4.61	789.838	28.98	30	Pass
181	6855	21.44	21.35	275.774	24.41	4.61	797.174	29.02	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	20.88	20.76	241.586	23.83	4.76	722.889	28.59	30	Pass
43	6165	22.06	22.05	321.019	25.07	4.76	960.574	29.83	30	Pass
91	6405	22.19	21.62	310.788	24.92	4.76	929.96	29.68	30	Pass
123	6565	21.95	22.18	321.871	25.08	4.61	930.426	29.69	30	Pass
155	6725	22.04	22.09	321.764	25.08	4.61	930.117	29.69	30	Pass
179	6845	22.00	22.34	329.885	25.18	4.61	953.592	29.79	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	19.95	19.91	196.804	22.94	4.76	588.89	27.7	30	Pass
39	6145	22.00	22.12	321.419	25.07	4.76	961.771	29.83	30	Pass
87	6385	21.98	22.02	316.982	25.01	4.76	948.494	29.77	30	Pass
135	6625	22.08	22.12	324.365	25.11	4.61	937.635	29.72	30	Pass
151	6705	22.10	22.00	320.67	25.06	4.61	926.954	29.67	30	Pass
167	6785	22.35	22.30	341.615	25.34	4.61	987.5	29.95	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	22.10	21.92	317.778	25.02	4.76	950.876	29.78	30	Pass
47	6185	22.10	22.01	321.036	25.07	4.76	960.625	29.83	30	Pass
79	6345	22.17	21.86	318.278	25.03	4.76	952.372	29.79	30	Pass
143	6665	22.38	22.18	338.178	25.29	4.61	977.564	29.9	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	13.54	13.61	45.556	16.59	4.76	136.316	21.35	30	Pass
93	6415	13.56	13.44	44.779	16.51	4.76	133.991	21.27	30	Pass
117	6535	13.31	13.28	42.71	16.31	4.61	123.461	20.92	30	Pass
181	6855	13.40	13.52	44.368	16.47	4.61	128.254	21.08	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	16.70	16.89	95.639	19.81	4.76	286.177	24.57	30	Pass
93	6415	17.16	17.32	105.951	20.25	4.76	317.033	25.01	30	Pass
117	6535	16.33	16.28	85.416	19.32	4.61	246.91	23.93	30	Pass
181	6855	16.55	16.49	89.751	19.53	4.61	259.441	24.14	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	19.61	19.77	186.253	22.70	4.76	557.318	27.46	30	Pass
93	6415	19.86	19.73	190.8	22.81	4.76	570.924	27.57	30	Pass
117	6535	19.38	19.50	175.821	22.45	4.61	508.242	27.06	30	Pass
181	6855	19.42	19.39	174.394	22.42	4.61	504.117	27.03	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	18.15	18.09	129.73	21.13	4.76	388.186	25.89	30	Pass
93	6415	18.50	18.46	140.94	21.49	4.76	421.73	26.25	30	Pass
117	6535	17.74	17.90	121.089	20.83	4.61	350.03	25.44	30	Pass
181	6855	17.91	17.76	121.505	20.85	4.61	351.232	25.46	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	19.52	19.42	177.035	22.48	4.76	529.736	27.24	30	Pass
93	6415	19.53	19.40	176.839	22.48	4.76	529.149	27.24	30	Pass
117	6535	19.46	19.32	173.815	22.40	4.61	502.444	27.01	30	Pass
181	6855	19.90	19.68	190.62	22.80	4.61	551.021	27.41	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	19.02	18.72	154.273	21.88	4.76	461.626	26.64	30	Pass
87	6385	22.16	21.65	310.655	24.92	4.76	929.562	29.68	30	Pass
135	6625	22.00	22.10	320.67	25.06	4.61	926.954	29.67	30	Pass
167	6785	22.12	21.89	317.455	25.02	4.61	917.661	29.63	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	19.03	18.90	157.608	21.98	4.76	471.605	26.74	30	Pass
79	6345	22.23	21.91	322.348	25.08	4.76	964.551	29.84	30	Pass
143	6665	22.14	22.20	329.64	25.18	4.61	952.884	29.79	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 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	19.02	18.89	157.246	21.97	4.76	470.522	26.73	30	Pass
79	6345	22.17	21.92	320.413	25.06	4.76	958.76	29.82	30	Pass
143	6665	22.26	22.17	333.084	25.23	4.61	962.839	29.84	30	Pass

Notes:

1. For U-NII-5, the directional gain is 4.76 dBi.
2. For U-NII-7, the directional gain is 4.61 dBi.

7.2 Maximum Power Spectral Density

under control of a low-power indoor AP

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

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	-6.12	0.24	-5.88	4.76	-1.12	-1	Pass
45	6175	-6.2	0.24	-5.96	4.76	-1.2	-1	Pass
93	6415	-6.4	0.24	-6.16	4.76	-1.4	-1	Pass
97	6435	-5.83	0.24	-5.59	4.29	-1.3	-1	Pass
105	6475	-5.69	0.24	-5.45	4.29	-1.16	-1	Pass
113	6515	-5.81	0.24	-5.57	4.29	-1.28	-1	Pass
117	6535	-6.05	0.24	-5.81	4.61	-1.2	-1	Pass
149	6695	-6.27	0.24	-6.03	4.61	-1.42	-1	Pass
181	6855	-5.91	0.24	-5.67	4.61	-1.06	-1	Pass
185	6875	-5.89	0.24	-5.65	4.61	-1.04	-1	Pass
209	6995	-5.37	0.24	-5.13	4.09	-1.04	-1	Pass
233	7115	-5.64	0.24	-5.40	4.09	-1.31	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 dBi.

802.11be (EHT20) 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	-6.14	0.1	-6.04	4.76	-1.28	-1	Pass
45	6175	-6.16	0.1	-6.06	4.76	-1.3	-1	Pass
93	6415	-6.29	0.1	-6.19	4.76	-1.43	-1	Pass
97	6435	-5.59	0.1	-5.49	4.29	-1.2	-1	Pass
105	6475	-5.6	0.1	-5.50	4.29	-1.21	-1	Pass
113	6515	-5.79	0.1	-5.69	4.29	-1.4	-1	Pass
117	6535	-5.96	0.1	-5.86	4.61	-1.25	-1	Pass
149	6695	-6.03	0.1	-5.93	4.61	-1.32	-1	Pass
181	6855	-5.94	0.1	-5.84	4.61	-1.23	-1	Pass
185	6875	-5.83	0.1	-5.73	4.61	-1.12	-1	Pass
209	6995	-5.69	0.1	-5.59	4.09	-1.5	-1	Pass
233	7115	-5.37	0.1	-5.27	4.09	-1.18	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 dBi.

802.11be (EHT40) 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
3	5965	-6.17	0.11	-6.06	4.76	-1.3	-1	Pass
43	6165	-6.06	0.11	-5.95	4.76	-1.19	-1	Pass
91	6405	-6.24	0.11	-6.13	4.76	-1.37	-1	Pass
99	6445	-5.59	0.11	-5.48	4.29	-1.19	-1	Pass
107	6485	-5.63	0.11	-5.52	4.29	-1.23	-1	Pass
115	6525	-5.9	0.11	-5.79	4.61	-1.18	-1	Pass
123	6565	-5.93	0.11	-5.82	4.61	-1.21	-1	Pass
155	6725	-6	0.11	-5.89	4.61	-1.28	-1	Pass
179	6845	-5.88	0.11	-5.77	4.61	-1.16	-1	Pass
187	6885	-5.58	0.11	-5.47	4.09	-1.38	-1	Pass
211	7005	-5.48	0.11	-5.37	4.09	-1.28	-1	Pass
227	7085	-5.38	0.11	-5.27	4.09	-1.18	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.27	0.23	-6.04	4.76	-1.28	-1	Pass
39	6145	-6.24	0.23	-6.01	4.76	-1.25	-1	Pass
87	6385	-6.07	0.23	-5.84	4.76	-1.08	-1	Pass
103	6465	-6	0.23	-5.77	4.29	-1.48	-1	Pass
119	6545	-6.19	0.23	-5.96	4.61	-1.35	-1	Pass
151	6705	-6.13	0.23	-5.90	4.61	-1.29	-1	Pass
183	6865	-6	0.23	-5.77	4.61	-1.16	-1	Pass
199	6945	-5.8	0.23	-5.57	4.09	-1.48	-1	Pass
215	7025	-5.61	0.23	-5.38	4.09	-1.29	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.08	0.24	-5.84	4.76	-1.08	-1	Pass
47	6185	-6.03	0.24	-5.79	4.76	-1.03	-1	Pass
79	6345	-6.42	0.24	-6.18	4.76	-1.42	-1	Pass
111	6505	-5.76	0.24	-5.52	4.29	-1.23	-1	Pass
143	6665	-6.11	0.24	-5.87	4.61	-1.26	-1	Pass
175	6825	-6.15	0.24	-5.91	4.61	-1.3	-1	Pass
207	6985	-5.37	0.24	-5.13	4.09	-1.04	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.29	0.3	-5.99	4.76	-1.23	-1	Pass
93	6415	-6.29	0.3	-5.99	4.76	-1.23	-1	Pass
97	6435	-5.94	0.3	-5.64	4.29	-1.35	-1	Pass
113	6515	-5.64	0.3	-5.34	4.29	-1.05	-1	Pass
117	6535	-6.04	0.3	-5.74	4.61	-1.13	-1	Pass
185	6875	-5.97	0.3	-5.67	4.61	-1.06	-1	Pass
209	6995	-5.6	0.3	-5.30	4.09	-1.21	-1	Pass
233	7115	-5.61	0.3	-5.31	4.09	-1.22	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.1	0.3	-5.80	4.76	-1.04	-1	Pass
93	6415	-6.09	0.3	-5.79	4.76	-1.03	-1	Pass
97	6435	-5.79	0.3	-5.49	4.29	-1.2	-1	Pass
113	6515	-5.81	0.3	-5.51	4.29	-1.22	-1	Pass
117	6535	-6.19	0.3	-5.89	4.61	-1.28	-1	Pass
185	6875	-5.98	0.3	-5.68	4.61	-1.07	-1	Pass
209	6995	-5.44	0.3	-5.14	4.09	-1.05	-1	Pass
233	7115	-5.57	0.3	-5.27	4.09	-1.18	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.18	0.3	-5.88	4.76	-1.12	-1	Pass
93	6415	-6.07	0.3	-5.77	4.76	-1.01	-1	Pass
97	6435	-5.99	0.3	-5.69	4.29	-1.4	-1	Pass
113	6515	-5.92	0.3	-5.62	4.29	-1.33	-1	Pass
117	6535	-6.11	0.3	-5.81	4.61	-1.2	-1	Pass
185	6875	-5.95	0.3	-5.65	4.61	-1.04	-1	Pass
209	6995	-5.59	0.3	-5.29	4.09	-1.2	-1	Pass
233	7115	-5.77	0.3	-5.47	4.09	-1.38	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.38	0.33	-6.05	4.76	-1.29	-1	Pass
93	6415	-6.3	0.33	-5.97	4.76	-1.21	-1	Pass
97	6435	-5.72	0.33	-5.39	4.29	-1.1	-1	Pass
113	6515	-6.04	0.33	-5.71	4.29	-1.42	-1	Pass
117	6535	-6.29	0.33	-5.96	4.61	-1.35	-1	Pass
185	6875	-6.02	0.33	-5.69	4.61	-1.08	-1	Pass
209	6995	-5.83	0.33	-5.50	4.09	-1.41	-1	Pass
233	7115	-5.7	0.33	-5.37	4.09	-1.28	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.24	0.3	-5.94	4.76	-1.18	-1	Pass
93	6415	-6.16	0.3	-5.86	4.76	-1.1	-1	Pass
97	6435	-5.85	0.3	-5.55	4.29	-1.26	-1	Pass
113	6515	-5.65	0.3	-5.35	4.29	-1.06	-1	Pass
117	6535	-6.02	0.3	-5.72	4.61	-1.11	-1	Pass
185	6875	-6.45	0.3	-6.15	4.61	-1.54	-1	Pass
209	6995	-5.43	0.3	-5.13	4.09	-1.04	-1	Pass
233	7115	-5.87	0.3	-5.57	4.09	-1.48	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.37	0.4	-5.97	4.76	-1.21	-1	Pass
87	6385	-6.42	0.4	-6.02	4.76	-1.26	-1	Pass
103	6465	-6.01	0.4	-5.61	4.29	-1.32	-1	Pass
119	6545	-6.18	0.4	-5.78	4.61	-1.17	-1	Pass
183	6865	-6.15	0.4	-5.75	4.61	-1.14	-1	Pass
199	6945	-5.79	0.4	-5.39	4.09	-1.3	-1	Pass
215	7025	-5.97	0.4	-5.57	4.09	-1.48	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 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	-6.54	0.39	-6.15	4.76	-1.39	-1	Pass
79	6345	-6.28	0.39	-5.89	4.76	-1.13	-1	Pass
111	6505	-6.07	0.39	-5.68	4.29	-1.39	-1	Pass
143	6665	-6.35	0.39	-5.96	4.61	-1.35	-1	Pass
175	6825	-6.06	0.39	-5.67	4.61	-1.06	-1	Pass
207	6985	-5.79	0.39	-5.40	4.09	-1.31	-1	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 dBi.

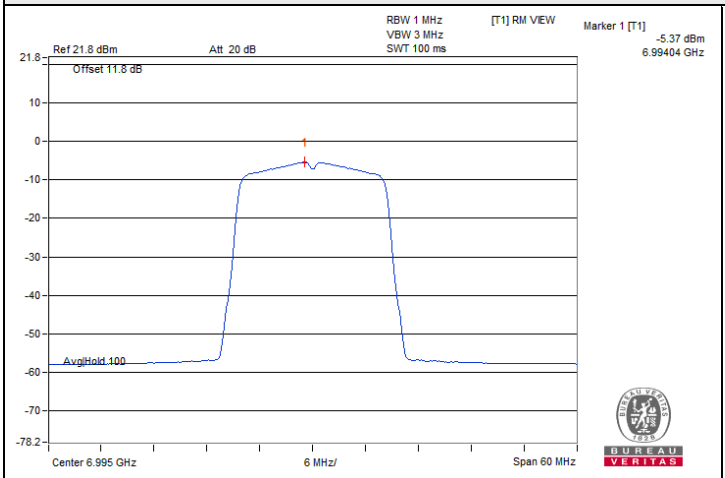
802.11be (EHT160) 996+484+242-tone MRU 1S1T

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	-6.53	0.41	-6.12	4.76	-1.36	-1	Pass
79	6345	-6.36	0.41	-5.95	4.76	-1.19	-1	Pass
111	6505	-6.13	0.41	-5.72	4.29	-1.43	-1	Pass
143	6665	-6.33	0.41	-5.92	4.61	-1.31	-1	Pass
175	6825	-6.14	0.41	-5.73	4.61	-1.12	-1	Pass
207	6985	-5.79	0.41	-5.38	4.09	-1.29	-1	Pass

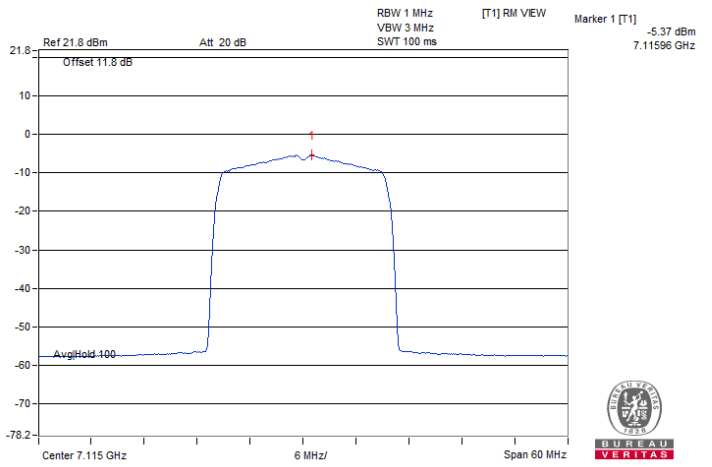
Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-6, The antenna gain is 4.29 dBi.
3. For U-NII-7, The antenna gain is 4.61 dBi.
4. For U-NII-8, The antenna gain is 4.09 dBi.

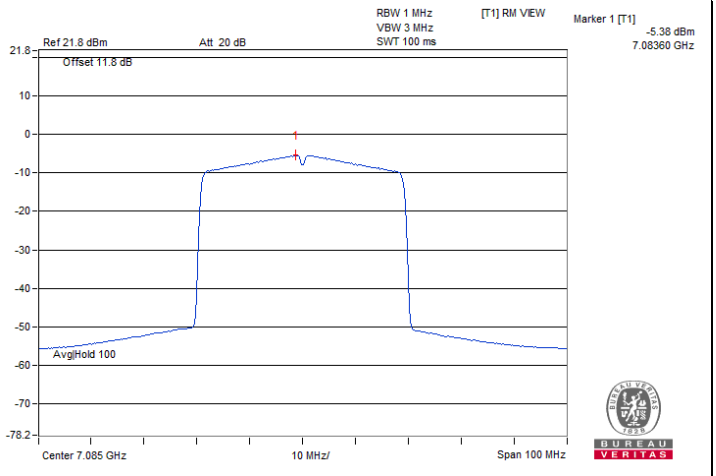
Spectrum Plot of Maximum Value



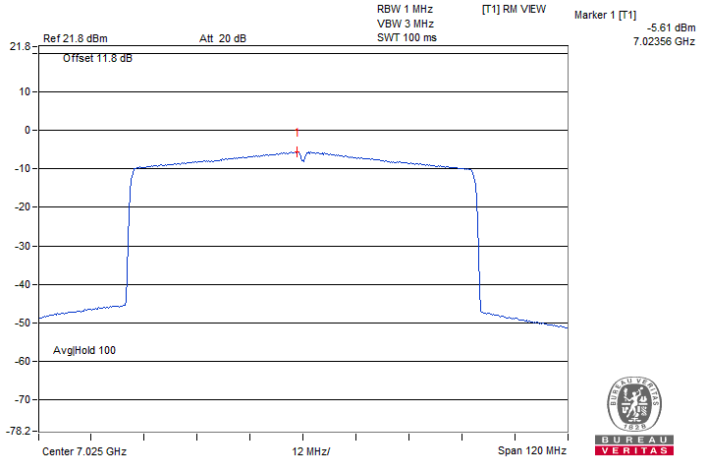
802.11a 1TX : CH 209



802.11be (EHT20) 1S1T : CH 233

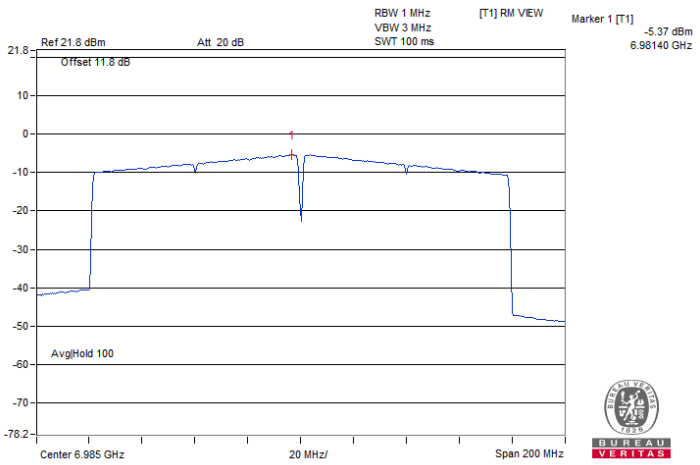


802.11be (EHT40) 1S1T : CH 227

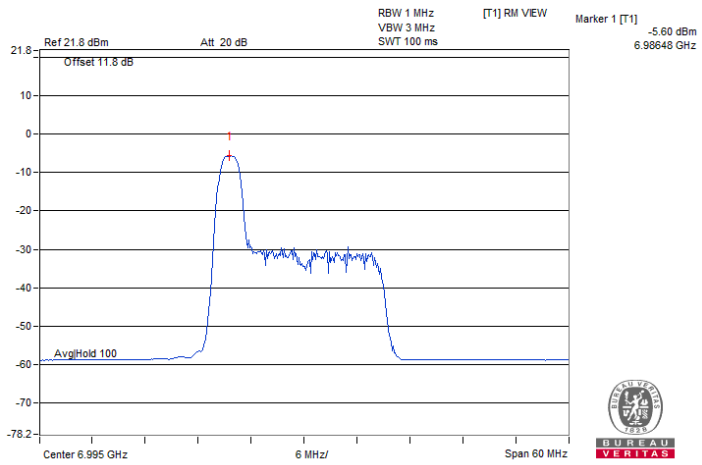


802.11be (EHT80) 1S1T : CH 215

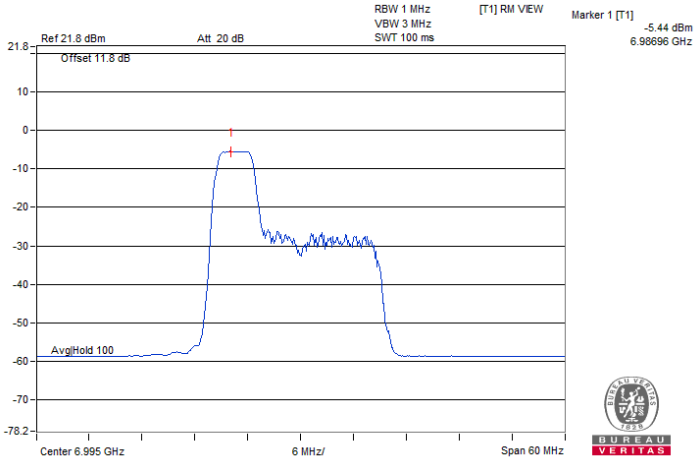
Spectrum Plot of Maximum Value



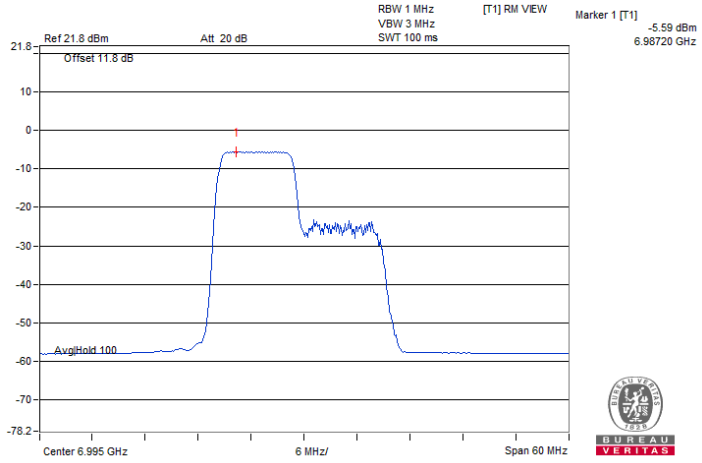
802.11be (EHT160) 1S1T : CH 207



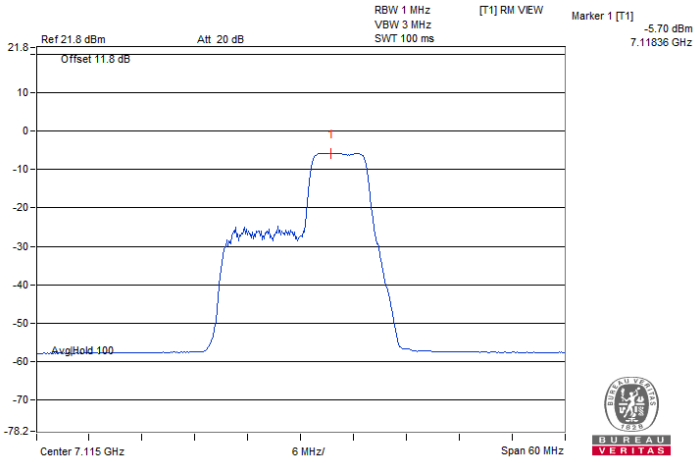
802.11be (EHT20) 26-tone RU 1S1T : CH 209@0



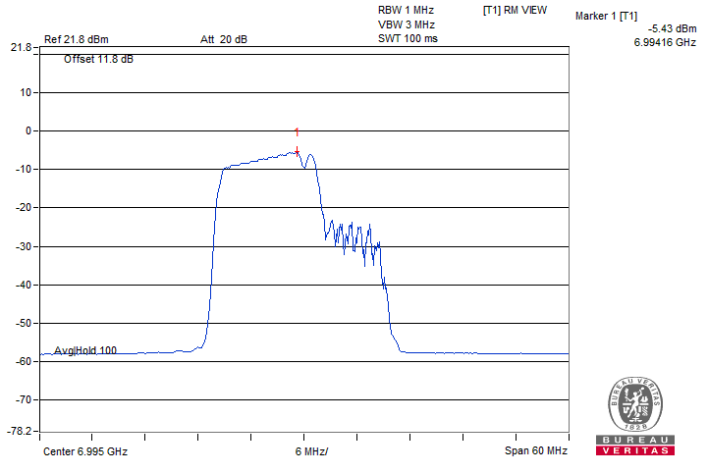
802.11be (EHT20) 52-tone RU 1S1T : CH 209@37



802.11be (EHT20) 106-tone RU 1S1T : CH 209@53

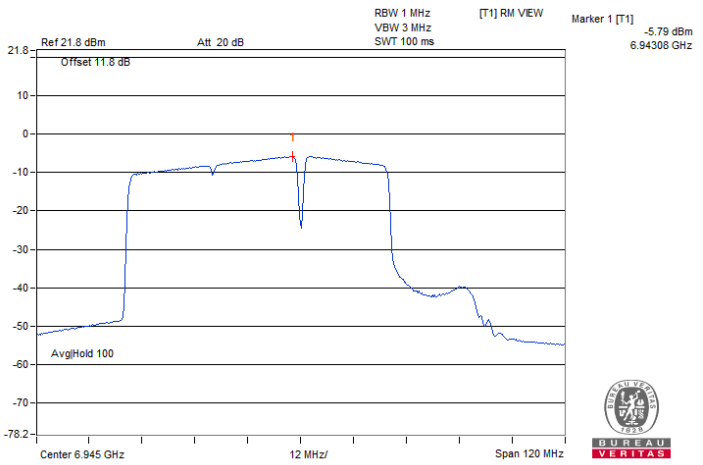


802.11be (EHT20) 52+26-tone MRU 1S1T : CH 233@72

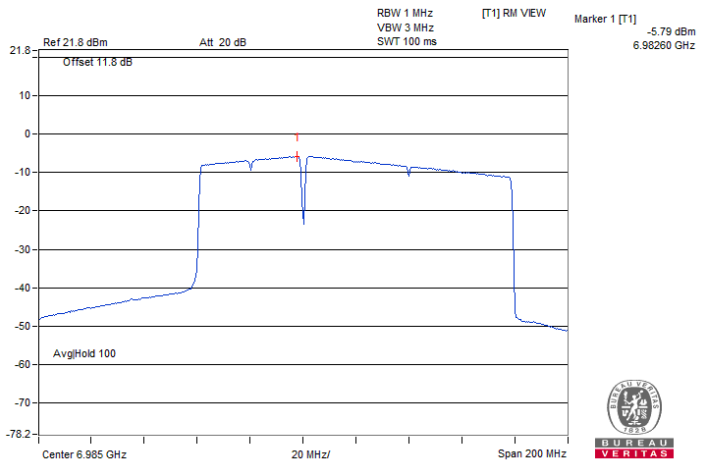


802.11be (EHT20) 106+26-tone MRU 1S1T : CH 209@82

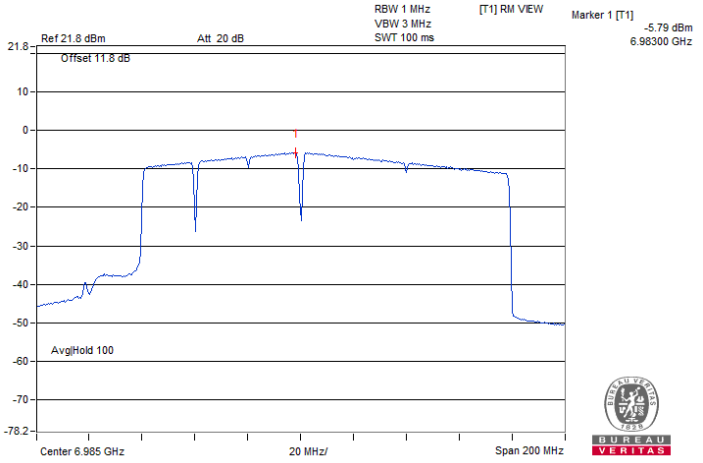
Spectrum Plot of Maximum Value



802.11be (EHT80) 484+242-tone MRU 1S1T : CH 199@93



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 207@94-0



802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 207@96-0

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	-12.46	-12.22	0.24	-9.09	7.77	-1.32	-1	Pass
45	6175	-12.60	-12.37	0.24	-9.23	7.77	-1.46	-1	Pass
93	6415	-11.99	-12.45	0.24	-8.96	7.77	-1.19	-1	Pass
97	6435	-11.83	-12.31	0.24	-8.81	7.30	-1.51	-1	Pass
105	6475	-11.80	-11.90	0.24	-8.60	7.30	-1.3	-1	Pass
113	6515	-11.83	-11.83	0.24	-8.58	7.30	-1.28	-1	Pass
117	6535	-12.00	-11.97	0.24	-8.73	7.62	-1.11	-1	Pass
149	6695	-12.10	-11.97	0.24	-8.78	7.62	-1.16	-1	Pass
181	6855	-12.38	-12.00	0.24	-8.94	7.62	-1.32	-1	Pass
185	6875	-12.29	-12.30	0.24	-9.04	7.62	-1.42	-1	Pass
209	6995	-11.34	-11.69	0.24	-8.26	7.10	-1.16	-1	Pass
233	7115	-11.40	-11.52	0.24	-8.21	7.10	-1.11	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-5, The directional gain is 7.77 dBi.
4. For U-NII-6, The directional gain is 7.3 dBi.
5. For U-NII-7, The directional gain is 7.62 dBi.
6. For U-NII-8, The directional gain is 7.1 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	-9.57	-9.44	0.21	-6.28	4.76	-1.52	-1	Pass
45	6175	-9.36	-9.17	0.21	-6.04	4.76	-1.28	-1	Pass
93	6415	-8.88	-9.60	0.21	-6.00	4.76	-1.24	-1	Pass
97	6435	-8.98	-9.36	0.21	-5.95	4.29	-1.66	-1	Pass
105	6475	-8.87	-8.85	0.21	-5.64	4.29	-1.35	-1	Pass
113	6515	-9.00	-8.80	0.21	-5.68	4.29	-1.39	-1	Pass
117	6535	-9.27	-8.93	0.21	-5.88	4.61	-1.27	-1	Pass
149	6695	-8.81	-9.11	0.21	-5.74	4.61	-1.13	-1	Pass
181	6855	-9.25	-8.95	0.21	-5.88	4.61	-1.27	-1	Pass
185	6875	-9.45	-9.18	0.21	-6.09	4.61	-1.48	-1	Pass
209	6995	-8.48	-8.44	0.21	-5.24	4.09	-1.15	-1	Pass
233	7115	-8.52	-8.33	0.21	-5.20	4.09	-1.11	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.19	-8.90	0.22	-5.81	4.76	-1.05	-1	Pass
43	6165	-9.23	-9.14	0.22	-5.95	4.76	-1.19	-1	Pass
91	6405	-9.26	-9.22	0.22	-6.01	4.76	-1.25	-1	Pass
99	6445	-8.49	-8.81	0.22	-5.42	4.29	-1.13	-1	Pass
107	6485	-8.88	-8.81	0.22	-5.61	4.29	-1.32	-1	Pass
115	6525	-9.20	-9.24	0.22	-5.99	4.61	-1.38	-1	Pass
123	6565	-9.07	-9.09	0.22	-5.85	4.61	-1.24	-1	Pass
155	6725	-8.86	-8.98	0.22	-5.69	4.61	-1.08	-1	Pass
179	6845	-8.84	-9.02	0.22	-5.70	4.61	-1.09	-1	Pass
187	6885	-8.82	-8.72	0.22	-5.54	4.09	-1.45	-1	Pass
211	7005	-8.51	-8.87	0.22	-5.46	4.09	-1.37	-1	Pass
227	7085	-8.90	-8.49	0.22	-5.46	4.09	-1.37	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.21	-9.27	0.42	-5.81	4.76	-1.05	-1	Pass
39	6145	-9.82	-9.23	0.42	-6.08	4.76	-1.32	-1	Pass
87	6385	-9.45	-9.36	0.42	-5.97	4.76	-1.21	-1	Pass
103	6465	-8.97	-9.30	0.42	-5.70	4.29	-1.41	-1	Pass
119	6545	-9.08	-9.46	0.42	-5.84	4.61	-1.23	-1	Pass
151	6705	-9.41	-9.27	0.42	-5.91	4.61	-1.3	-1	Pass
183	6865	-9.19	-9.24	0.42	-5.78	4.61	-1.17	-1	Pass
199	6945	-8.86	-9.16	0.42	-5.58	4.09	-1.49	-1	Pass
215	7025	-8.79	-9.12	0.42	-5.52	4.09	-1.43	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.50	-9.64	0.44	-6.12	4.76	-1.36	-1	Pass
47	6185	-9.44	-9.75	0.44	-6.14	4.76	-1.38	-1	Pass
79	6345	-9.40	-9.83	0.44	-6.16	4.76	-1.4	-1	Pass
111	6505	-9.04	-9.50	0.44	-5.81	4.29	-1.52	-1	Pass
143	6665	-9.13	-9.28	0.44	-5.75	4.61	-1.14	-1	Pass
175	6825	-9.30	-9.13	0.44	-5.76	4.61	-1.15	-1	Pass
207	6985	-8.56	-9.04	0.44	-5.34	4.09	-1.25	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-10.33	-9.07	0.64	-6.00	4.76	-1.24	-1	Pass
93	6415	-9.23	-9.67	0.64	-5.79	4.76	-1.03	-1	Pass
97	6435	-9.14	-9.40	0.64	-5.62	4.29	-1.33	-1	Pass
113	6515	-9.18	-9.01	0.64	-5.44	4.29	-1.15	-1	Pass
117	6535	-9.54	-9.79	0.64	-6.01	4.61	-1.4	-1	Pass
185	6875	-9.63	-9.42	0.64	-5.87	4.61	-1.26	-1	Pass
209	6995	-8.91	-9.02	0.64	-5.31	4.09	-1.22	-1	Pass
233	7115	-8.93	-9.33	0.64	-5.48	4.09	-1.39	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.86	-9.51	0.64	-6.03	4.76	-1.27	-1	Pass
93	6415	-9.45	-10.01	0.64	-6.07	4.76	-1.31	-1	Pass
97	6435	-8.95	-9.48	0.64	-5.56	4.29	-1.27	-1	Pass
113	6515	-9.14	-8.90	0.64	-5.37	4.29	-1.08	-1	Pass
117	6535	-9.38	-9.62	0.64	-5.85	4.61	-1.24	-1	Pass
185	6875	-9.51	-9.78	0.64	-5.99	4.61	-1.38	-1	Pass
209	6995	-8.82	-8.89	0.64	-5.20	4.09	-1.11	-1	Pass
233	7115	-8.87	-9.86	0.64	-5.69	4.09	-1.6	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.78	-9.69	0.64	-6.08	4.76	-1.32	-1	Pass
93	6415	-9.26	-10.16	0.64	-6.04	4.76	-1.28	-1	Pass
97	6435	-8.90	-9.35	0.64	-5.47	4.29	-1.18	-1	Pass
113	6515	-9.06	-8.87	0.64	-5.31	4.29	-1.02	-1	Pass
117	6535	-9.40	-9.62	0.64	-5.86	4.61	-1.25	-1	Pass
185	6875	-9.20	-9.38	0.64	-5.64	4.61	-1.03	-1	Pass
209	6995	-8.82	-9.01	0.64	-5.26	4.09	-1.17	-1	Pass
233	7115	-8.90	-9.09	0.64	-5.34	4.09	-1.25	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.97	-9.54	0.56	-6.18	4.76	-1.42	-1	Pass
93	6415	-9.62	-9.62	0.56	-6.05	4.76	-1.29	-1	Pass
97	6435	-9.26	-9.40	0.56	-5.76	4.29	-1.47	-1	Pass
113	6515	-9.35	-9.21	0.56	-5.71	4.29	-1.42	-1	Pass
117	6535	-9.27	-9.42	0.56	-5.77	4.61	-1.16	-1	Pass
185	6875	-9.53	-9.68	0.56	-6.03	4.61	-1.42	-1	Pass
209	6995	-9.04	-9.35	0.56	-5.62	4.09	-1.53	-1	Pass
233	7115	-8.65	-8.98	0.56	-5.24	4.09	-1.15	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.22	-9.37	0.51	-5.77	4.76	-1.01	-1	Pass
93	6415	-9.36	-9.98	0.51	-6.14	4.76	-1.38	-1	Pass
97	6435	-8.78	-9.47	0.51	-5.59	4.29	-1.3	-1	Pass
113	6515	-8.97	-9.01	0.51	-5.47	4.29	-1.18	-1	Pass
117	6535	-9.48	-9.39	0.51	-5.91	4.61	-1.3	-1	Pass
185	6875	-9.36	-9.53	0.51	-5.92	4.61	-1.31	-1	Pass
209	6995	-8.80	-8.99	0.51	-5.37	4.09	-1.28	-1	Pass
233	7115	-8.69	-8.94	0.51	-5.29	4.09	-1.2	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.82	-9.76	0.68	-6.10	4.76	-1.34	-1	Pass
87	6385	-9.83	-10.09	0.68	-6.27	4.76	-1.51	-1	Pass
103	6465	-9.07	-9.68	0.68	-5.67	4.29	-1.38	-1	Pass
119	6545	-9.24	-10.07	0.68	-5.94	4.61	-1.33	-1	Pass
183	6865	-9.64	-9.37	0.68	-5.81	4.61	-1.2	-1	Pass
199	6945	-9.02	-8.88	0.68	-5.26	4.09	-1.17	-1	Pass
215	7025	-9.13	-9.19	0.68	-5.47	4.09	-1.38	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 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	-9.74	-9.54	0.74	-5.89	4.76	-1.13	-1	Pass
79	6345	-9.50	-9.78	0.74	-5.89	4.76	-1.13	-1	Pass
111	6505	-9.13	-9.16	0.74	-5.39	4.29	-1.1	-1	Pass
143	6665	-9.78	-9.69	0.74	-5.98	4.61	-1.37	-1	Pass
175	6825	-9.42	-9.65	0.74	-5.78	4.61	-1.17	-1	Pass
207	6985	-8.82	-9.09	0.74	-5.20	4.09	-1.11	-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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 dBi.

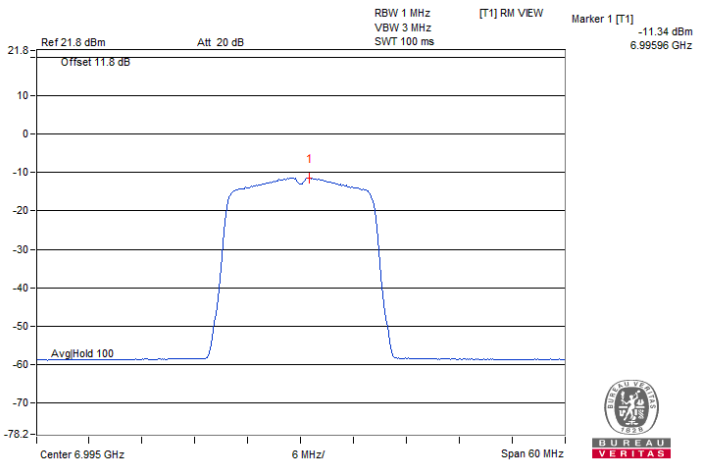
802.11be (EHT160) 996+484+242-tone MRU 2S2T

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	-9.66	-9.62	0.74	-5.89	4.76	-1.13	-1	Pass
79	6345	-9.49	-9.97	0.74	-5.97	4.76	-1.21	-1	Pass
111	6505	-9.01	-9.47	0.74	-5.48	4.29	-1.19	-1	Pass
143	6665	-9.89	-9.58	0.74	-5.98	4.61	-1.37	-1	Pass
175	6825	-9.18	-9.60	0.74	-5.63	4.61	-1.02	-1	Pass
207	6985	-8.82	-9.01	0.74	-5.16	4.09	-1.07	-1	Pass

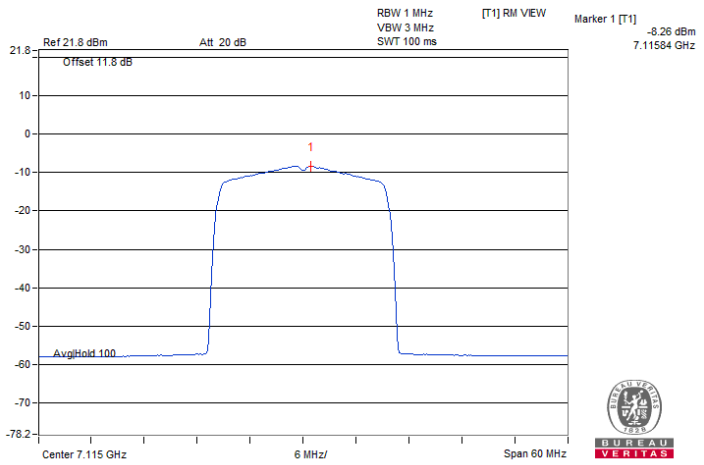
Notes:

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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-6, The directional gain is 4.29 dBi.
5. For U-NII-7, The directional gain is 4.61 dBi.
6. For U-NII-8, The directional gain is 4.09 dBi.

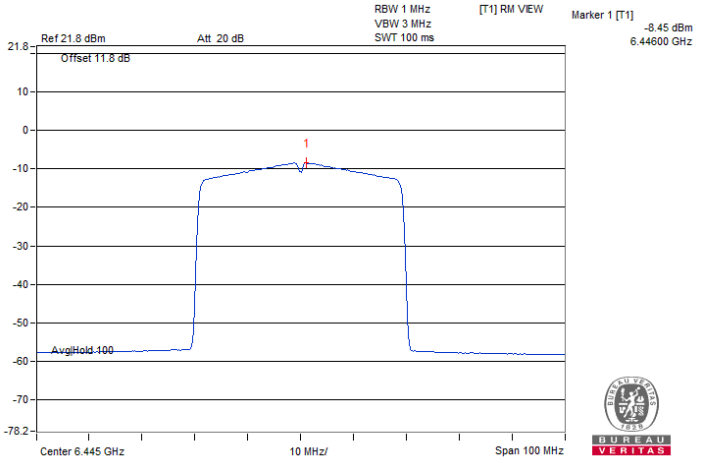
Spectrum Plot of Maximum Value



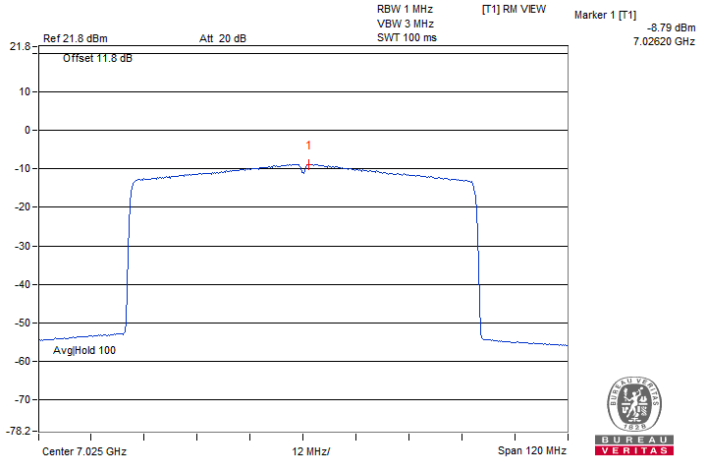
802.11a 2TX / Chain 0 : CH 209



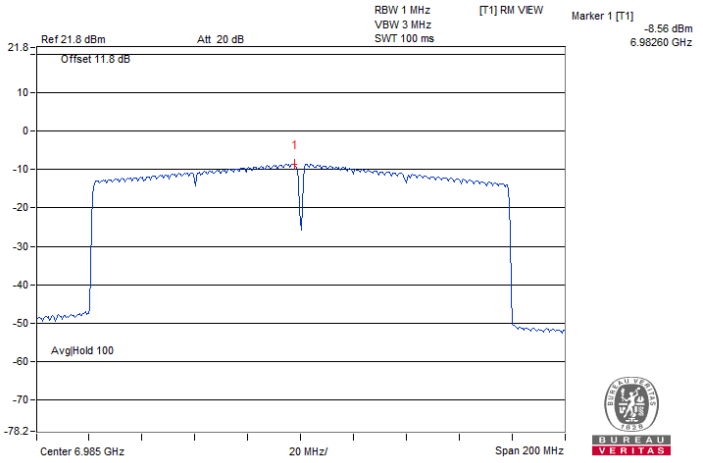
802.11be (EHT20) 2S2T / Chain 1 : CH 233



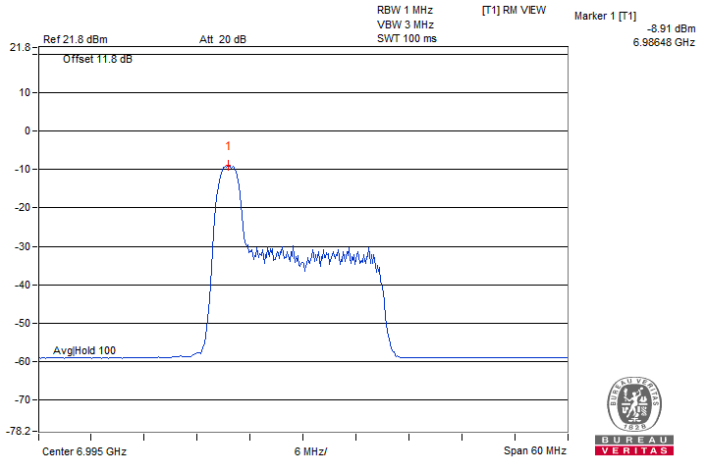
802.11be (EHT40) 2S2T / Chain 0 : CH 99



802.11be (EHT80) 2S2T / Chain 0 : CH 215

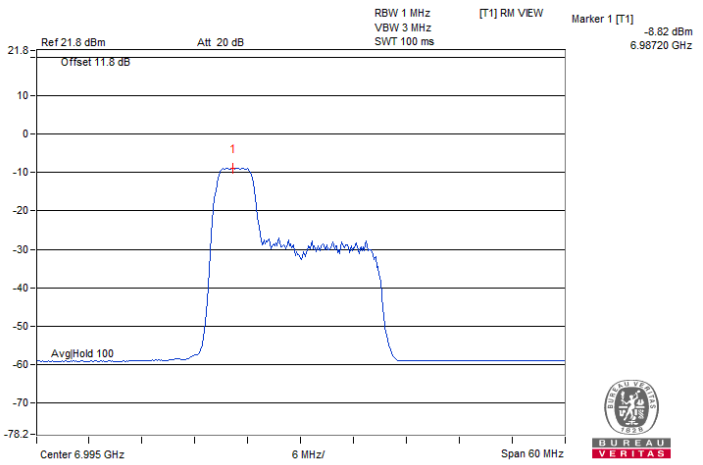


802.11be (EHT160) 2S2T / Chain 0 : CH 207

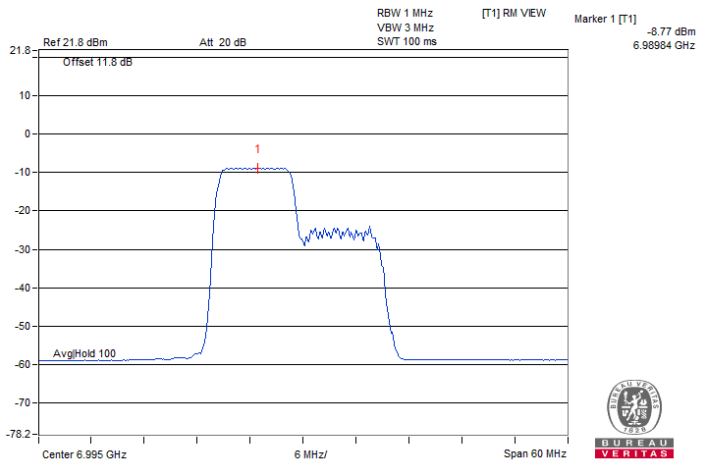


802.11be (EHT20) 26-tone RU 2S2T / Chain 0 : CH 209@0

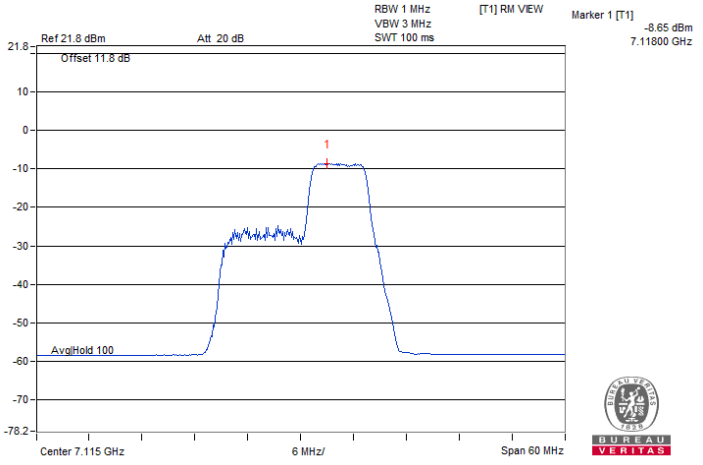
Spectrum Plot of Maximum Value



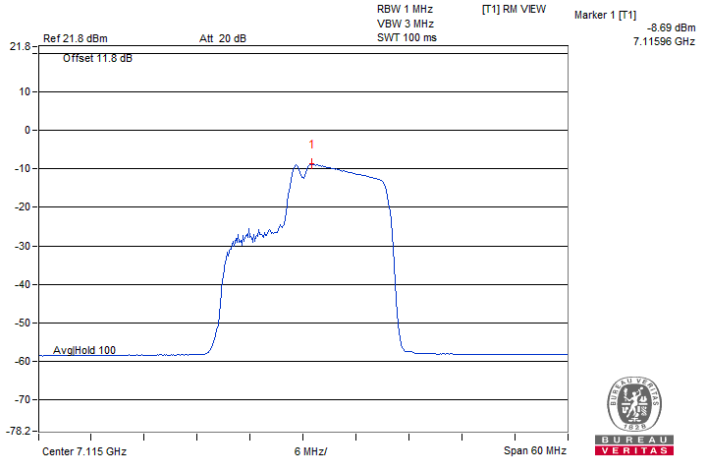
802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 209@37



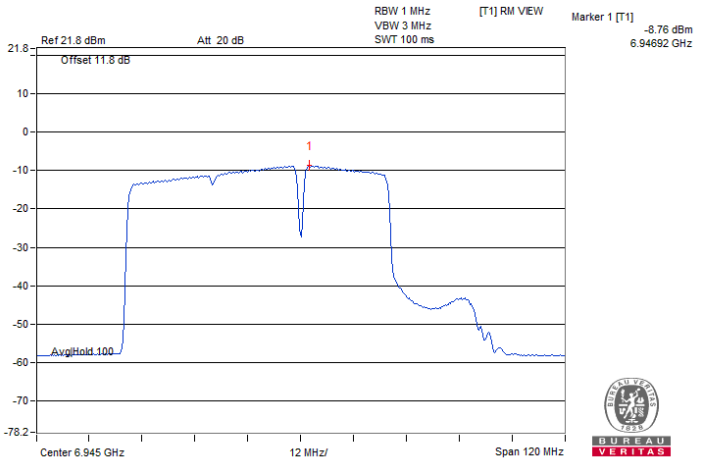
802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 209@53



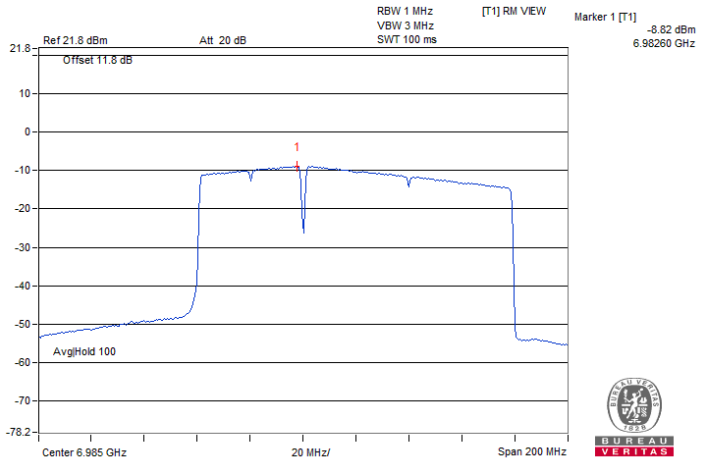
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0 : CH 233@72



802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 233@83

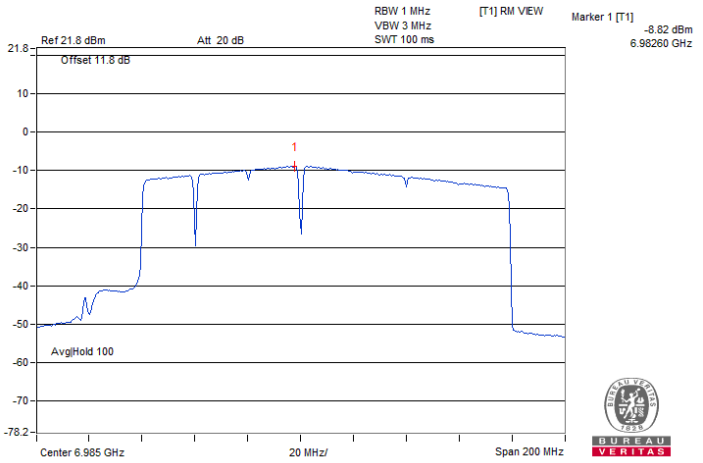


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1 : CH 199@93



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 0 : CH 207@94-0

Spectrum Plot of Maximum Value



802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain 0 : CH 207@96-0

under control of a Standard Power AP

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

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	11.76	0.24	12.00	4.76	16.76	17	Pass
45	6175	11.72	0.24	11.96	4.76	16.72	17	Pass
93	6415	11.79	0.24	12.03	4.76	16.79	17	Pass
117	6535	11.98	0.24	12.22	4.61	16.83	17	Pass
149	6695	12.02	0.24	12.26	4.61	16.87	17	Pass
181	6855	11.98	0.24	12.22	4.61	16.83	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 dBi.

802.11be (EHT20) 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	11.82	0.1	11.92	4.76	16.68	17	Pass
45	6175	11.88	0.1	11.98	4.76	16.74	17	Pass
93	6415	11.81	0.1	11.91	4.76	16.67	17	Pass
117	6535	12.1	0.1	12.20	4.61	16.81	17	Pass
149	6695	12	0.1	12.10	4.61	16.71	17	Pass
181	6855	12.03	0.1	12.13	4.61	16.74	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 dBi.

802.11be (EHT40) 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
3	5965	7.99	0.11	8.10	4.76	12.86	17	Pass
43	6165	9.66	0.11	9.77	4.76	14.53	17	Pass
91	6405	9.41	0.11	9.52	4.76	14.28	17	Pass
123	6565	7.93	0.11	8.04	4.61	12.65	17	Pass
155	6725	7.7	0.11	7.81	4.61	12.42	17	Pass
179	6845	7.48	0.11	7.59	4.61	12.2	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	4.41	0.23	4.64	4.76	9.4	17	Pass
39	6145	6.51	0.23	6.74	4.76	11.5	17	Pass
87	6385	6.56	0.23	6.79	4.76	11.55	17	Pass
135	6625	6.21	0.23	6.44	4.61	11.05	17	Pass
151	6705	4.2	0.23	4.43	4.61	9.04	17	Pass
167	6785	4	0.23	4.23	4.61	8.84	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	-0.48	0.24	-0.24	4.76	4.52	17	Pass
47	6185	-0.31	0.24	-0.07	4.76	4.69	17	Pass
79	6345	-0.28	0.24	-0.04	4.76	4.72	17	Pass
143	6665	-0.4	0.24	-0.16	4.61	4.45	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	11.59	0.3	11.89	4.76	16.65	17	Pass
93	6415	11.85	0.3	12.15	4.76	16.91	17	Pass
117	6535	11.77	0.3	12.07	4.61	16.68	17	Pass
181	6855	11.62	0.3	11.92	4.61	16.53	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	11.81	0.3	12.11	4.76	16.87	17	Pass
93	6415	11.61	0.3	11.91	4.76	16.67	17	Pass
117	6535	11.96	0.3	12.26	4.61	16.87	17	Pass
181	6855	11.65	0.3	11.95	4.61	16.56	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	11.66	0.3	11.96	4.76	16.72	17	Pass
93	6415	11.84	0.3	12.14	4.76	16.9	17	Pass
117	6535	11.9	0.3	12.20	4.61	16.81	17	Pass
181	6855	12.07	0.3	12.37	4.61	16.98	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	11.51	0.33	11.84	4.76	16.6	17	Pass
93	6415	11.87	0.33	12.20	4.76	16.96	17	Pass
117	6535	11.69	0.33	12.02	4.61	16.63	17	Pass
181	6855	11.94	0.33	12.27	4.61	16.88	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	11.84	0.3	12.14	4.76	16.9	17	Pass
93	6415	11.53	0.3	11.83	4.76	16.59	17	Pass
117	6535	11.97	0.3	12.27	4.61	16.88	17	Pass
181	6855	12	0.3	12.30	4.61	16.91	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	2.56	0.4	2.96	4.76	7.72	17	Pass
87	6385	5.21	0.4	5.61	4.76	10.37	17	Pass
135	6625	5.19	0.4	5.59	4.61	10.2	17	Pass
167	6785	5.35	0.4	5.75	4.61	10.36	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 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	-0.23	0.39	0.16	4.76	4.92	17	Pass
79	6345	0.59	0.39	0.98	4.76	5.74	17	Pass
143	6665	-0.6	0.39	-0.21	4.61	4.4	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 dBi.

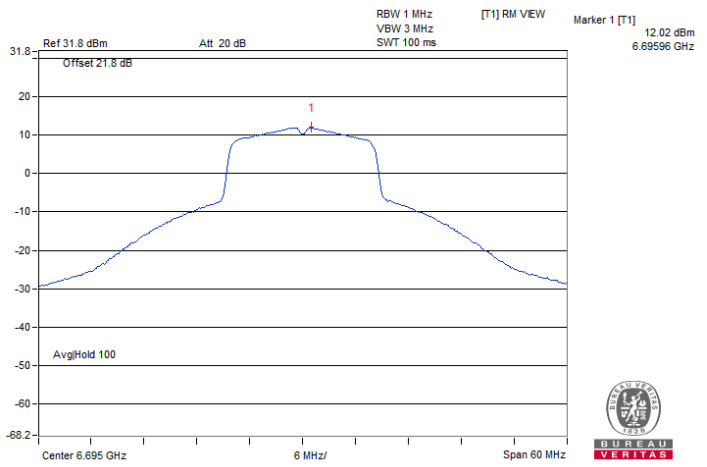
802.11be (EHT160) 996+484+242-tone MRU 1S1T

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	-0.85	0.41	-0.44	4.76	4.32	17	Pass
79	6345	0.11	0.41	0.52	4.76	5.28	17	Pass
143	6665	-1.12	0.41	-0.71	4.61	3.9	17	Pass

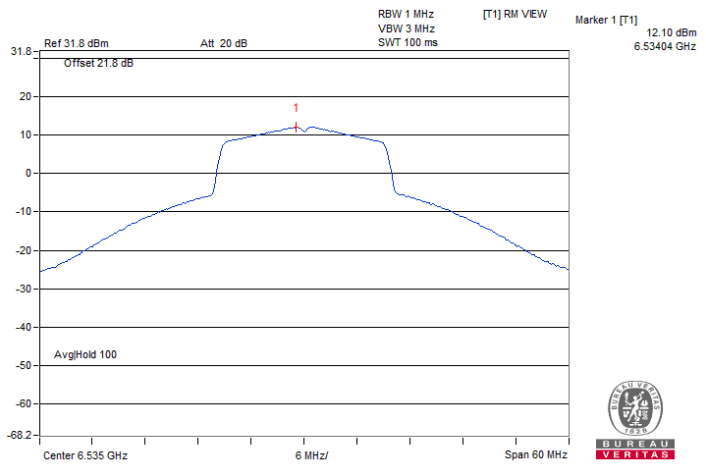
Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi.
2. For U-NII-7, The antenna gain is 4.61 dBi.

Spectrum Plot of Maximum Value

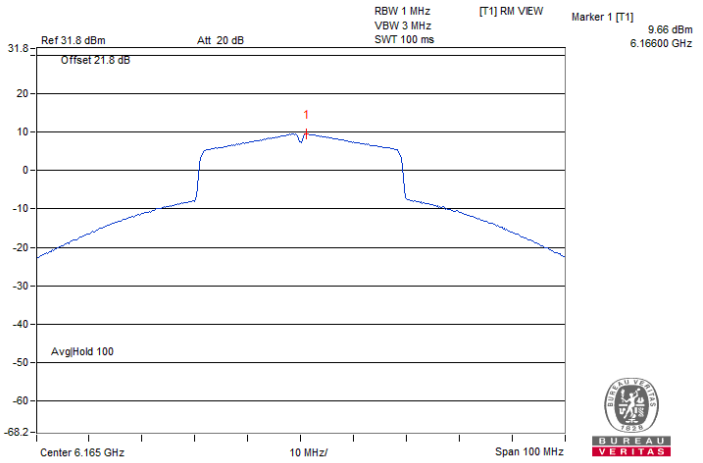


802.11a 1TX : CH 149

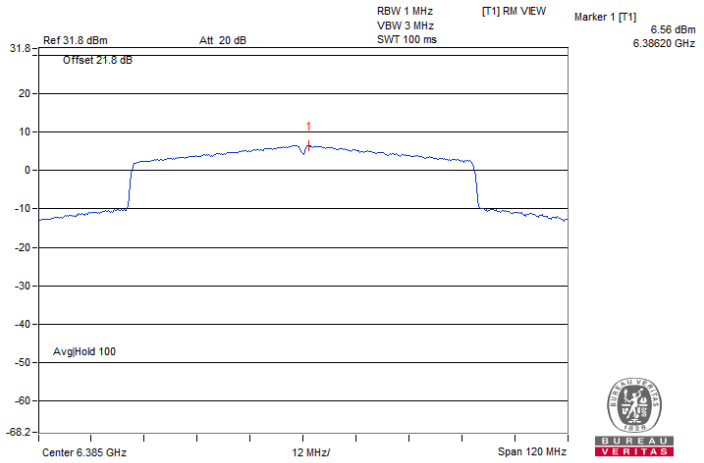


802.11be (EHT20) 1S1T : CH 117

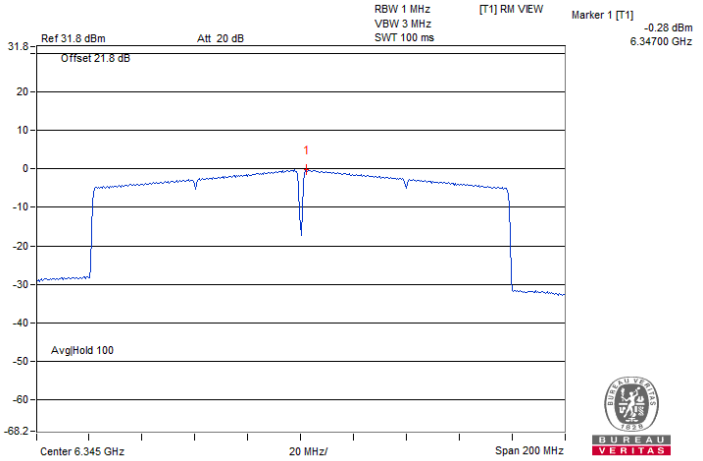
Spectrum Plot of Maximum Value



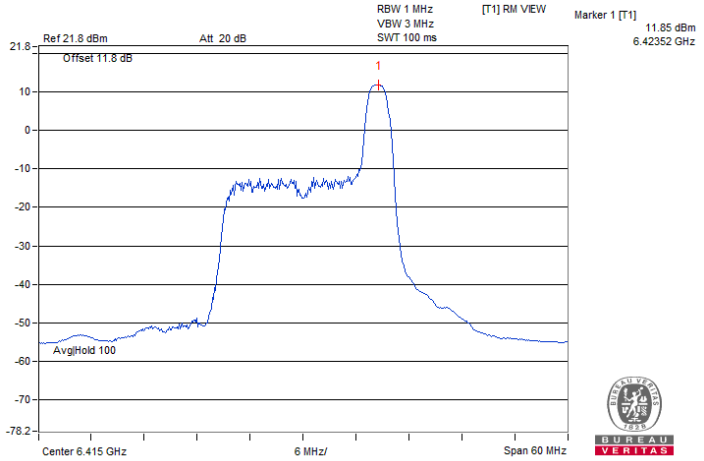
802.11be (EHT40) 1S1T : CH 43



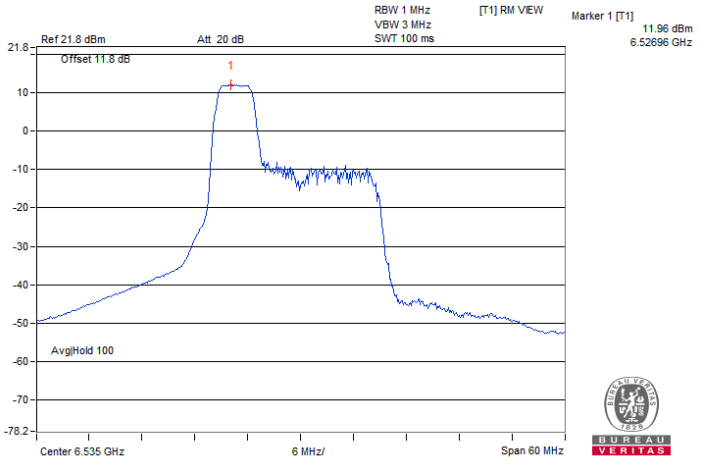
802.11be (EHT80) 1S1T : CH 87



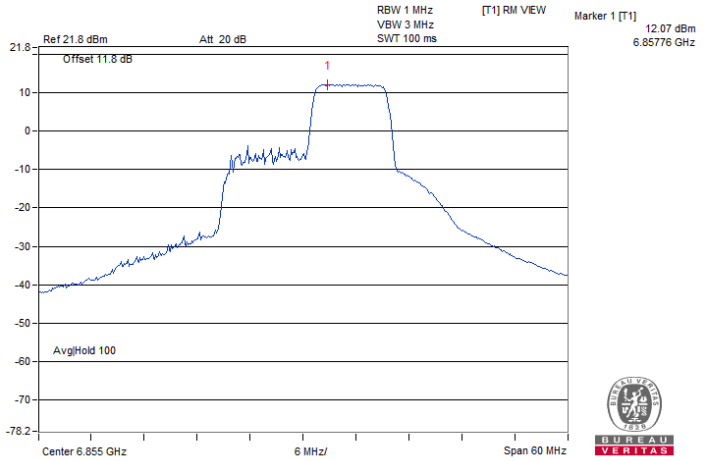
802.11be (EHT160) 1S1T : CH 79



802.11be (EHT20) 26-tone RU 1S1T : CH 93@8

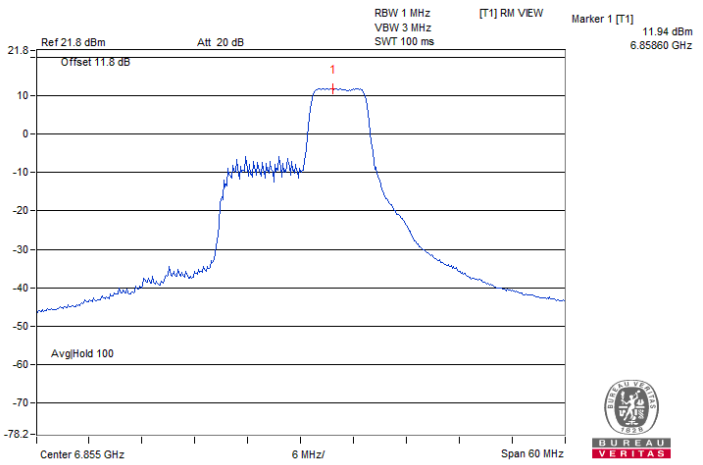


802.11be (EHT20) 52-tone RU 1S1T : CH 117@37

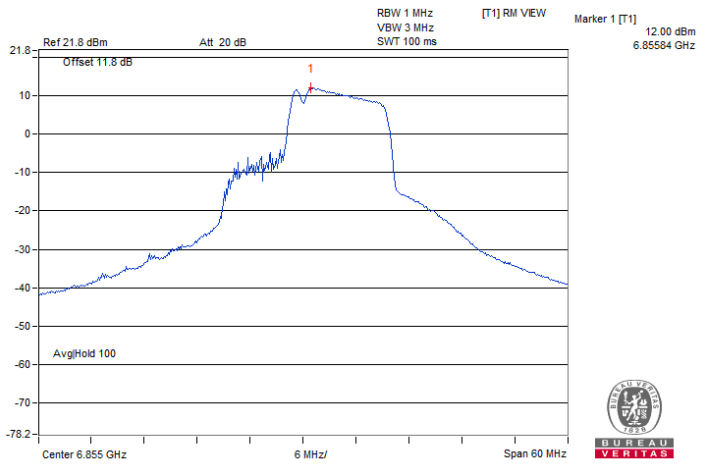


802.11be (EHT20) 106-tone RU 1S1T : CH 181@54

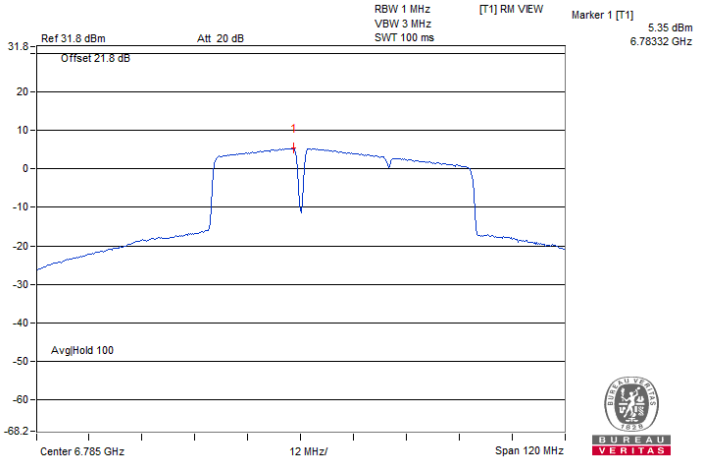
Spectrum Plot of Maximum Value



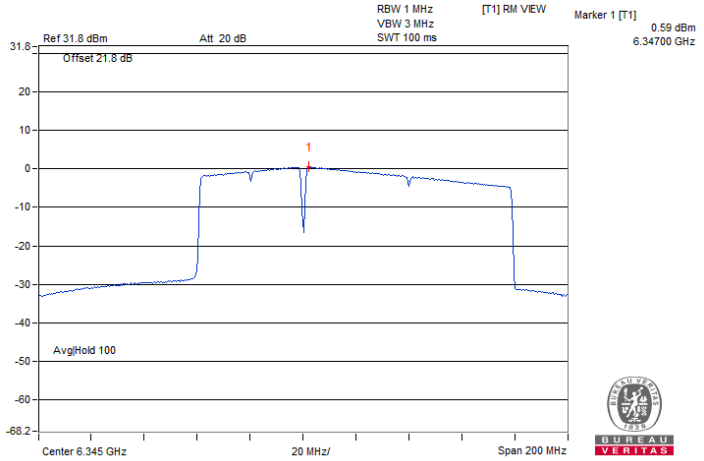
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 181@72



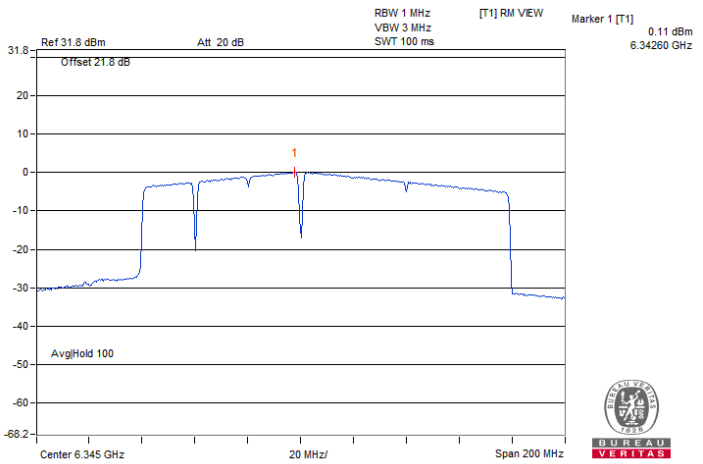
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 181@83



802.11be (EHT80) 484+242-tone MRU 1S1T : CH 167@90



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 79@94-0



802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 79@96-0

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	5.60	5.40	0.24	8.75	7.77	16.52	17	Pass
45	6175	5.75	5.83	0.24	9.04	7.77	16.81	17	Pass
93	6415	6.21	5.49	0.24	9.12	7.77	16.89	17	Pass
117	6535	5.88	5.92	0.24	9.15	7.62	16.77	17	Pass
149	6695	5.69	5.83	0.24	9.01	7.62	16.63	17	Pass
181	6855	5.89	6.17	0.24	9.28	7.62	16.9	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-5, The directional gain is 7.77 dBi.
4. For U-NII-7, The directional gain is 7.62 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	8.81	8.57	0.21	11.91	4.76	16.67	17	Pass
45	6175	8.99	8.99	0.21	12.21	4.76	16.97	17	Pass
93	6415	8.90	8.07	0.21	11.73	4.76	16.49	17	Pass
117	6535	9.03	9.13	0.21	12.30	4.61	16.91	17	Pass
149	6695	8.93	9.04	0.21	12.21	4.61	16.82	17	Pass
181	6855	8.91	9.10	0.21	12.23	4.61	16.84	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	4.98	5.06	0.22	8.25	4.76	13.01	17	Pass
43	6165	6.12	5.88	0.22	9.23	4.76	13.99	17	Pass
91	6405	6.75	6.35	0.22	9.78	4.76	14.54	17	Pass
123	6565	6.31	6.23	0.22	9.50	4.61	14.11	17	Pass
155	6725	6.14	5.99	0.22	9.30	4.61	13.91	17	Pass
179	6845	6.09	6.18	0.22	9.37	4.61	13.98	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	1.52	0.94	0.42	4.67	4.76	9.43	17	Pass
39	6145	2.69	2.28	0.42	5.92	4.76	10.68	17	Pass
87	6385	3.15	3.05	0.42	6.53	4.76	11.29	17	Pass
135	6625	2.48	2.71	0.42	6.03	4.61	10.64	17	Pass
151	6705	2.59	2.34	0.42	5.90	4.61	10.51	17	Pass
167	6785	2.50	2.22	0.42	5.79	4.61	10.4	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	0.37	-0.21	0.44	3.54	4.76	8.3	17	Pass
47	6185	0.37	0.03	0.44	3.65	4.76	8.41	17	Pass
79	6345	0.29	0.55	0.44	3.87	4.76	8.63	17	Pass
143	6665	0.27	0.15	0.44	3.66	4.61	8.27	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	8.50	8.35	0.64	12.08	4.76	16.84	17	Pass
93	6415	8.90	8.10	0.64	12.17	4.76	16.93	17	Pass
117	6535	8.23	8.32	0.64	11.93	4.61	16.54	17	Pass
181	6855	8.14	8.63	0.64	12.04	4.61	16.65	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	8.53	8.48	0.64	12.16	4.76	16.92	17	Pass
93	6415	8.88	8.26	0.64	12.23	4.76	16.99	17	Pass
117	6535	8.33	8.39	0.64	12.01	4.61	16.62	17	Pass
181	6855	8.36	8.65	0.64	12.16	4.61	16.77	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	8.59	8.49	0.64	12.19	4.76	16.95	17	Pass
93	6415	8.80	8.33	0.64	12.22	4.76	16.98	17	Pass
117	6535	8.33	8.54	0.64	12.09	4.61	16.7	17	Pass
181	6855	8.16	8.57	0.64	12.02	4.61	16.63	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	8.58	8.27	0.56	12.00	4.76	16.76	17	Pass
93	6415	8.98	8.15	0.56	12.16	4.76	16.92	17	Pass
117	6535	8.37	8.50	0.56	12.01	4.61	16.62	17	Pass
181	6855	8.37	8.42	0.56	11.97	4.61	16.58	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	8.67	8.58	0.51	12.15	4.76	16.91	17	Pass
93	6415	9.23	8.01	0.51	12.18	4.76	16.94	17	Pass
117	6535	8.53	8.51	0.51	12.04	4.61	16.65	17	Pass
181	6855	8.38	8.38	0.51	11.90	4.61	16.51	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	1.48	1.26	0.68	5.06	4.76	9.82	17	Pass
87	6385	4.34	4.24	0.68	7.98	4.76	12.74	17	Pass
135	6625	4.90	4.02	0.68	8.17	4.61	12.78	17	Pass
167	6785	4.50	4.54	0.68	8.21	4.61	12.82	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 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	-1.92	-1.86	0.74	1.86	4.76	6.62	17	Pass
79	6345	1.65	1.44	0.74	5.30	4.76	10.06	17	Pass
143	6665	1.79	1.65	0.74	5.47	4.61	10.08	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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 dBi.

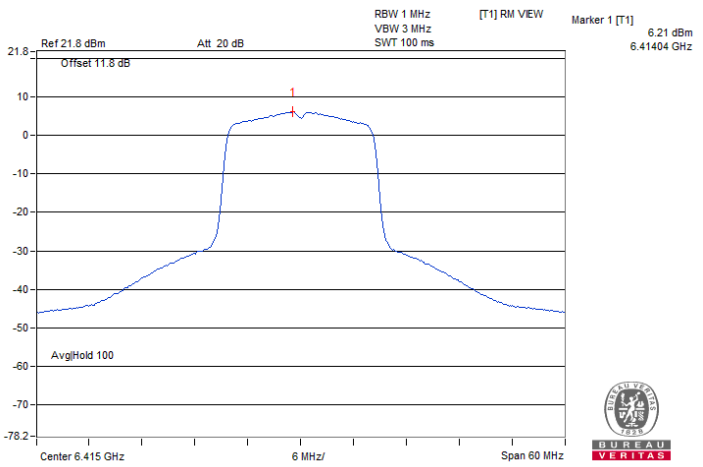
802.11be (EHT160) 996+484+242-tone MRU 2S2T

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	-1.98	-1.84	0.74	1.84	4.76	6.6	17	Pass
79	6345	1.08	1.31	0.74	4.95	4.76	9.71	17	Pass
143	6665	1.59	1.55	0.74	5.32	4.61	9.93	17	Pass

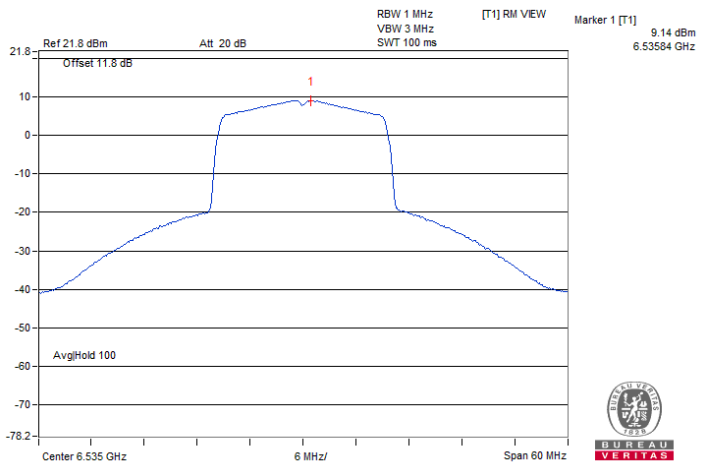
Notes:

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. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements/NSS 2) = gain of antenna element + 0 dB
3. For U-NII-5, The directional gain is 4.76 dBi.
4. For U-NII-7, The directional gain is 4.61 dBi.

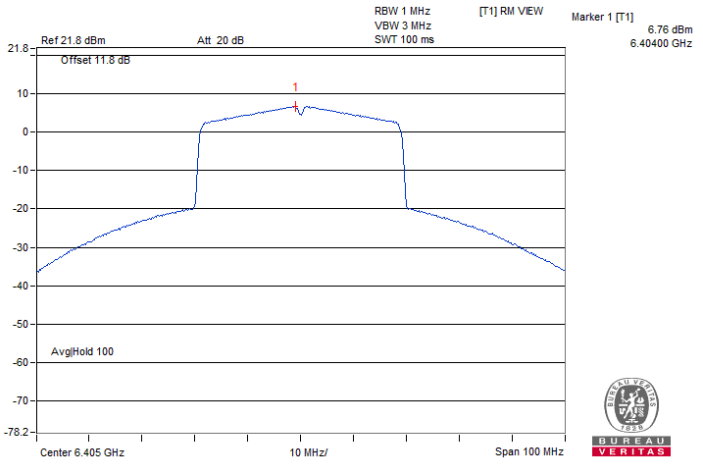
Spectrum Plot of Maximum Value



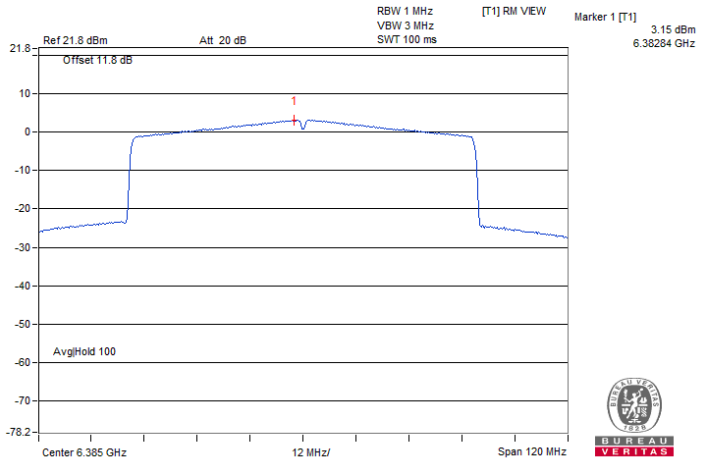
802.11a 2TX / Chain 0 : CH 93



802.11be (EHT20) 2S2T / Chain 1 : CH 117

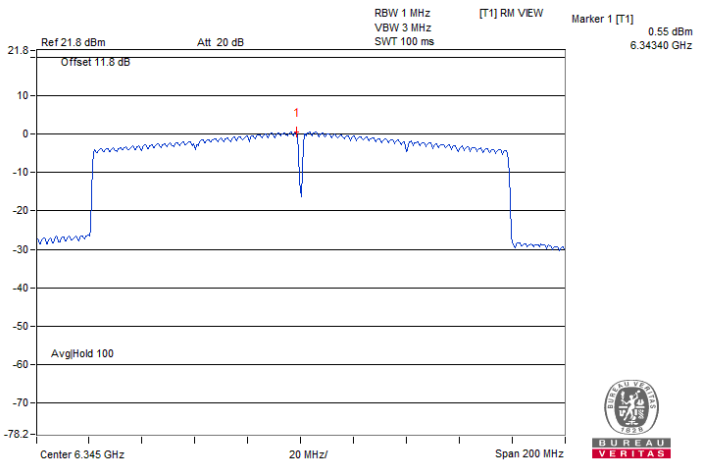


802.11be (EHT40) 2S2T / Chain 0 : CH 91

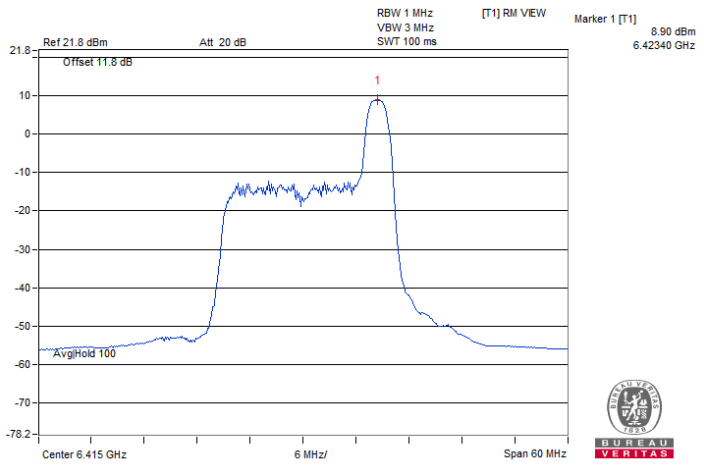


802.11be (EHT80) 2S2T / Chain 0 : CH 87

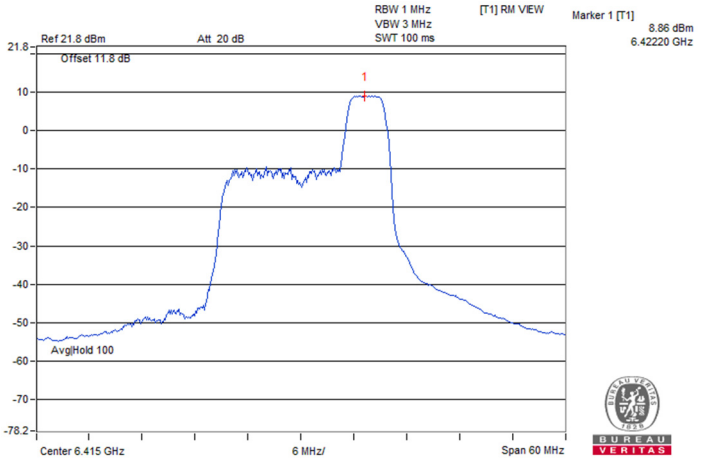
Spectrum Plot of Maximum Value



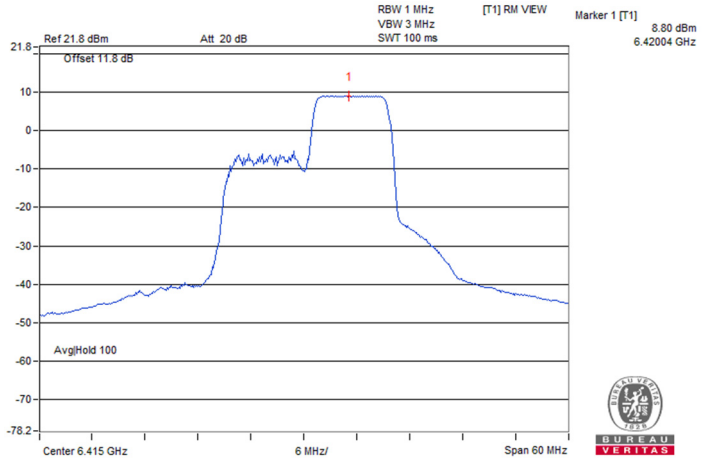
802.11be (EHT160) 2S2T / Chain 1 : CH 79



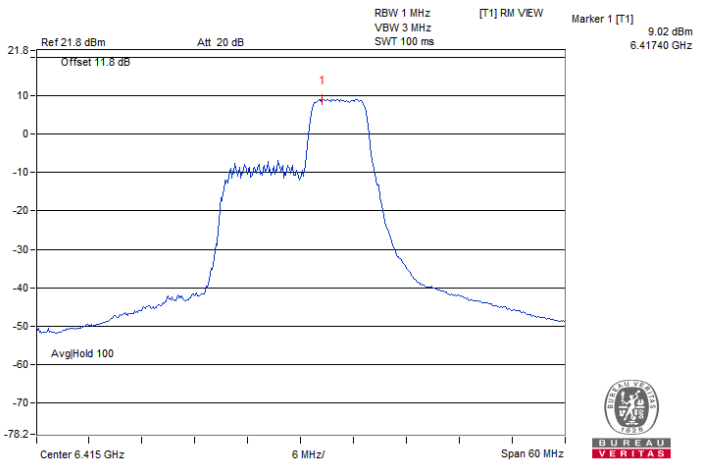
802.11be (EHT20) 26-tone RU 2S2T / Chain 0 : CH 93@8



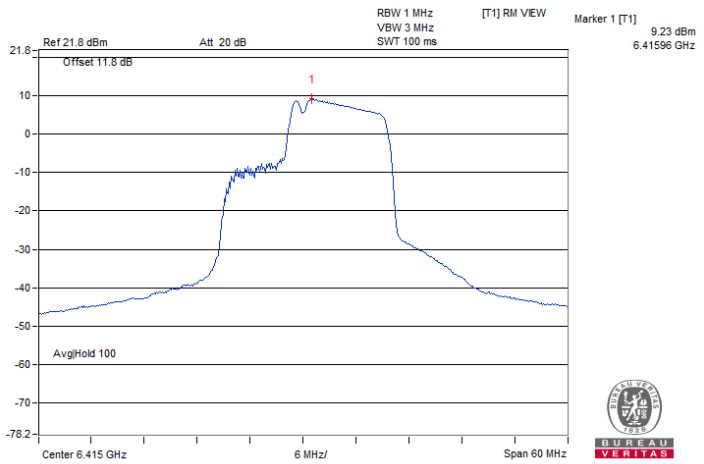
802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 93@40



802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 93@54

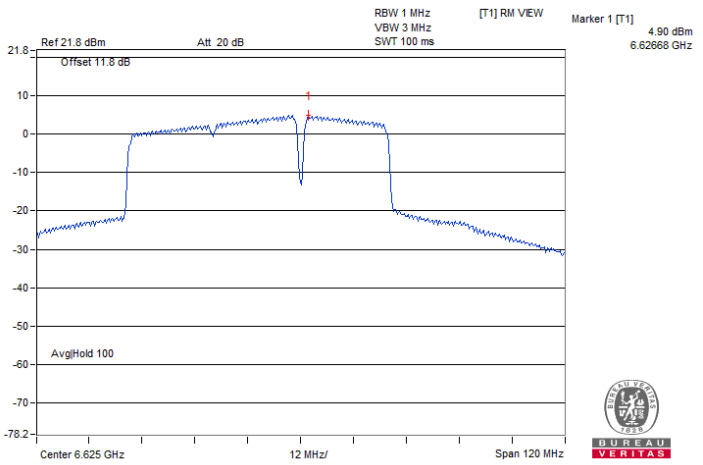


802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0 : CH 93@72

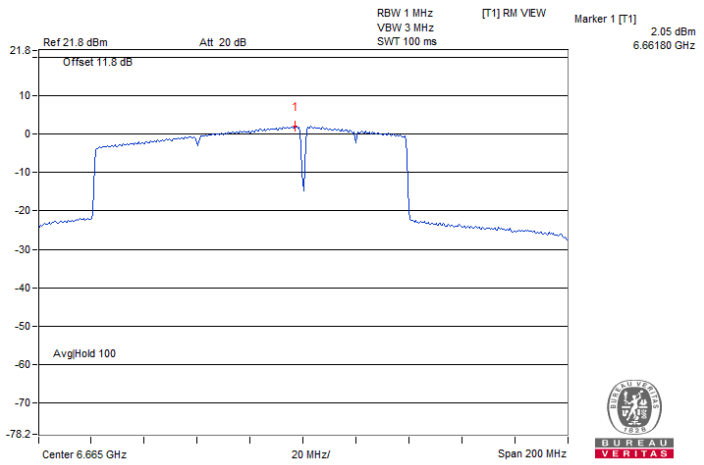


802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 93@83

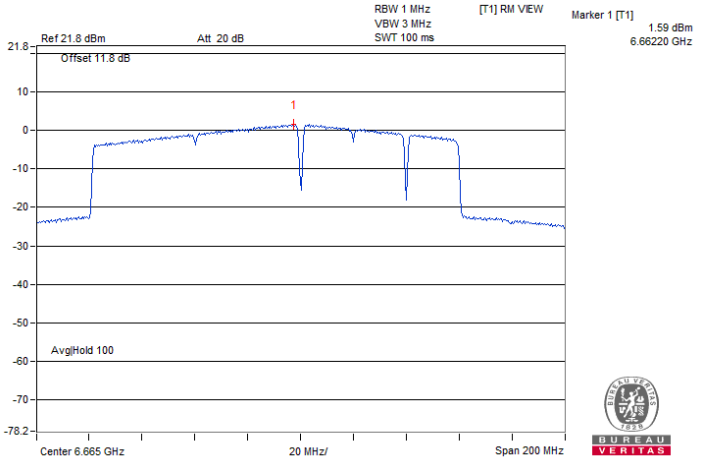
Spectrum Plot of Maximum Value



802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0 : CH 135@93



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 0 : CH 143@95-1



802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain 0 : CH 143@99-1

7.3 Emission Bandwidth

under control of a low-power indoor AP

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

802.11a 1TX

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	18.04	320	Pass
45	6175	18.15	320	Pass
93	6415	18.13	320	Pass
97	6435	18.11	320	Pass
105	6475	18.14	320	Pass
113	6515	18.1	320	Pass
117	6535	18.01	320	Pass
149	6695	18.13	320	Pass
181	6855	18.12	320	Pass
185	6875	18.03	320	Pass
209	6995	18.22	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	19.8	320	Pass
45	6175	19.8	320	Pass
93	6415	19.8	320	Pass
97	6435	19.85	320	Pass
105	6475	19.83	320	Pass
113	6515	19.83	320	Pass
117	6535	19.79	320	Pass
149	6695	19.83	320	Pass
181	6855	19.85	320	Pass
185	6875	19.74	320	Pass
209	6995	19.74	320	Pass
233	7115	19.8	320	Pass

802.11be (EHT40) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
3	5965	39.41	320	Pass
43	6165	39.39	320	Pass
91	6405	39.4	320	Pass
99	6445	39.48	320	Pass
107	6485	39.36	320	Pass
115	6525	39.32	320	Pass
123	6565	39.54	320	Pass
155	6725	39.56	320	Pass
179	6845	39.46	320	Pass
187	6885	39.39	320	Pass
211	7005	39.52	320	Pass
227	7085	39.4	320	Pass

802.11be (EHT80) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	80.15	320	Pass
39	6145	79.93	320	Pass
87	6385	79.92	320	Pass
103	6465	80.03	320	Pass
119	6545	80.04	320	Pass
151	6705	80	320	Pass
183	6865	80	320	Pass
199	6945	79.94	320	Pass
215	7025	79.96	320	Pass

802.11be (EHT160) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	162.04	320	Pass
47	6185	161.98	320	Pass
79	6345	162.13	320	Pass
111	6505	161.99	320	Pass
143	6665	161.88	320	Pass
175	6825	162.07	320	Pass
207	6985	161.99	320	Pass

802.11be (EHT20) 26-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.52	320	Pass
93	6415	19.45	320	Pass
97	6435	19.47	320	Pass
113	6515	19.46	320	Pass
117	6535	19.57	320	Pass
185	6875	19.39	320	Pass
209	6995	19.58	320	Pass
233	7115	19.52	320	Pass

802.11be (EHT20) 52-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.71	320	Pass
93	6415	19.65	320	Pass
97	6435	19.77	320	Pass
113	6515	19.6	320	Pass
117	6535	19.7	320	Pass
185	6875	19.55	320	Pass
209	6995	19.71	320	Pass
233	7115	19.55	320	Pass

802.11be (EHT20) 106-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.87	320	Pass
93	6415	19.8	320	Pass
97	6435	19.75	320	Pass
113	6515	19.87	320	Pass
117	6535	19.85	320	Pass
185	6875	19.98	320	Pass
209	6995	19.89	320	Pass
233	7115	19.87	320	Pass

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	18.78	320	Pass
93	6415	18.56	320	Pass
97	6435	18.85	320	Pass
113	6515	18.53	320	Pass
117	6535	18.79	320	Pass
185	6875	18.57	320	Pass
209	6995	18.91	320	Pass
233	7115	18.69	320	Pass

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.49	320	Pass
93	6415	19.56	320	Pass
97	6435	19.6	320	Pass
113	6515	19.5	320	Pass
117	6535	19.57	320	Pass
185	6875	19.45	320	Pass
209	6995	19.59	320	Pass
233	7115	19.45	320	Pass

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	78.55	320	Pass
87	6385	79.2	320	Pass
103	6465	79.07	320	Pass
119	6545	79.17	320	Pass
183	6865	79.49	320	Pass
199	6945	78.96	320	Pass
215	7025	79.61	320	Pass

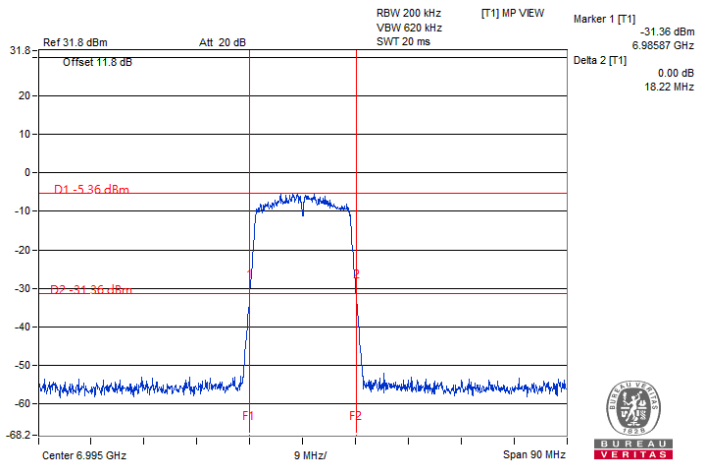
802.11be (EHT160) 996+484-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	122.89	320	Pass
79	6345	122.99	320	Pass
111	6505	123.72	320	Pass
143	6665	123.39	320	Pass
175	6825	123.42	320	Pass
207	6985	123.78	320	Pass

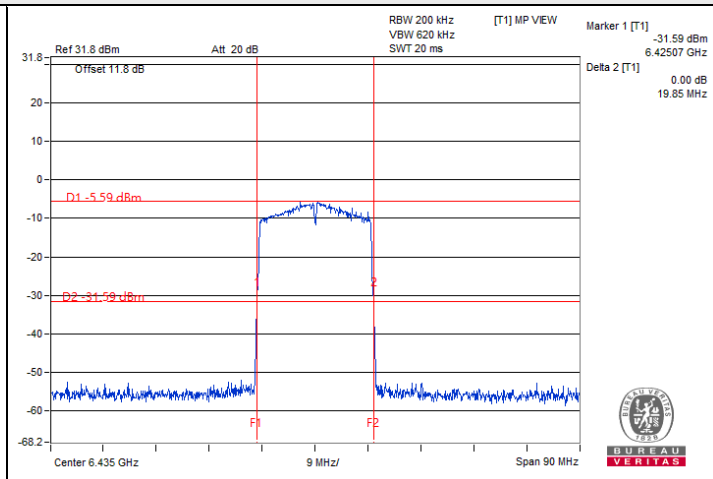
802.11be (EHT160) 996+484+242-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	160.14	320	Pass
79	6345	159.19	320	Pass
111	6505	159.97	320	Pass
143	6665	159.2	320	Pass
175	6825	159.44	320	Pass
207	6985	161.08	320	Pass

Spectrum Plot of Maximum Value

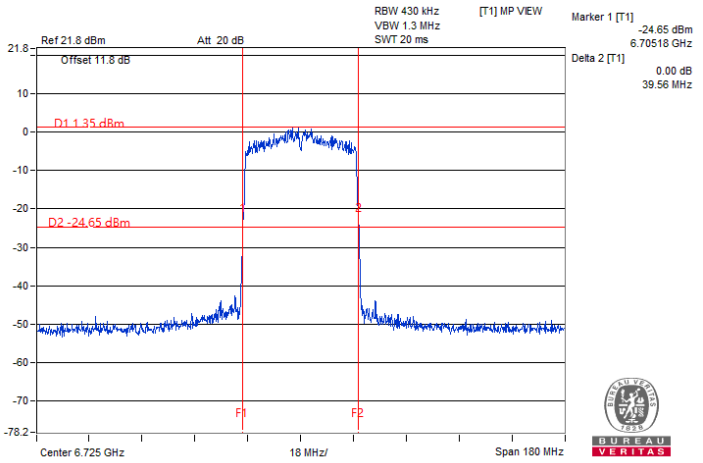


802.11a 1TX : CH 209

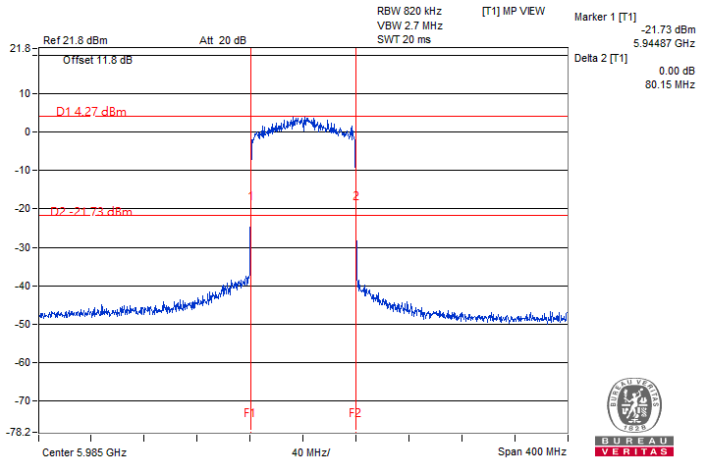


802.11be (EHT20) 1S1T : CH 97

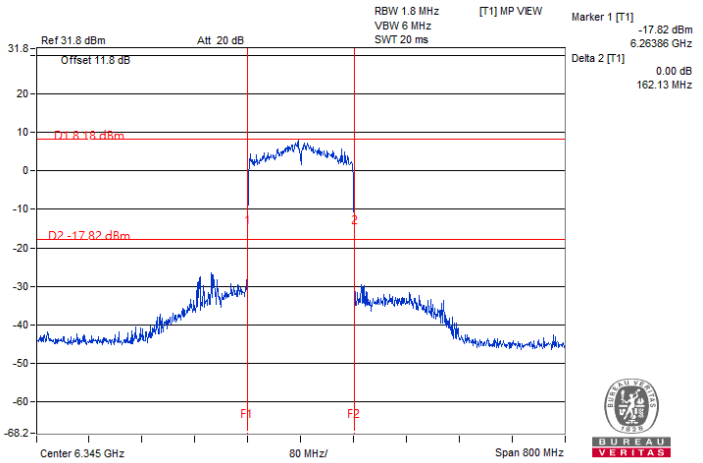
Spectrum Plot of Maximum Value



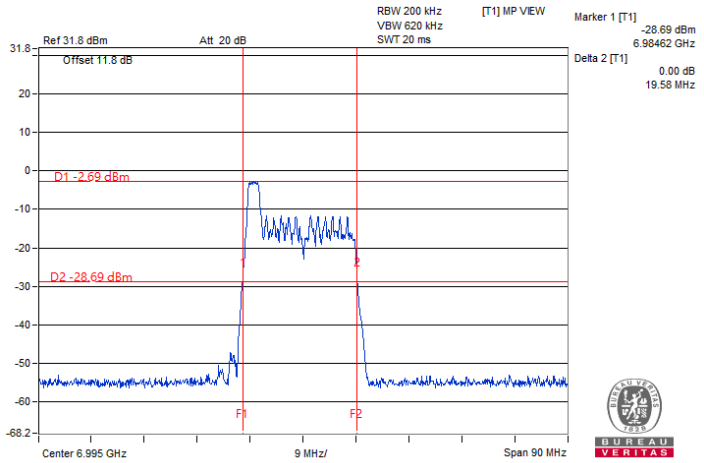
802.11be (EHT40) 1S1T : CH 155



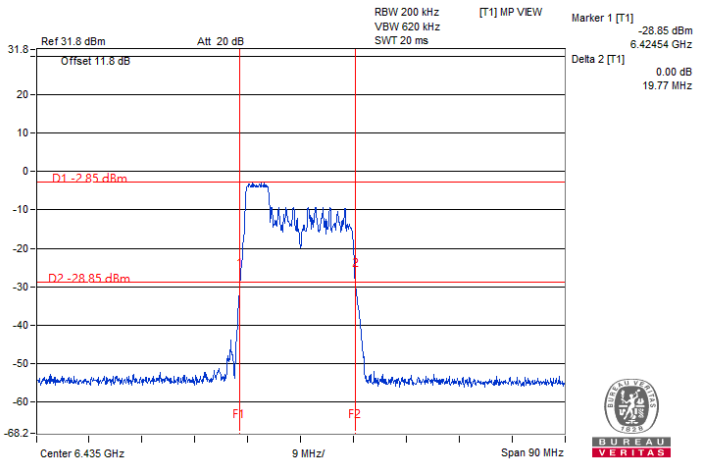
802.11be (EHT80) 1S1T : CH 7



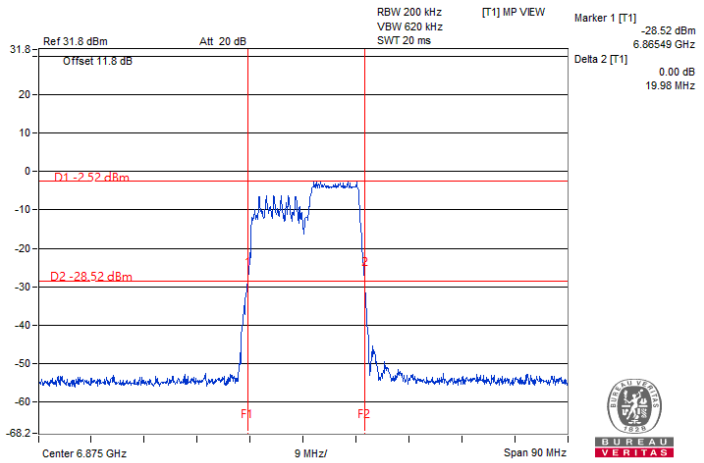
802.11be (EHT160) 1S1T : CH 79



802.11be (EHT20) 26-tone RU 1S1T : CH 209@0

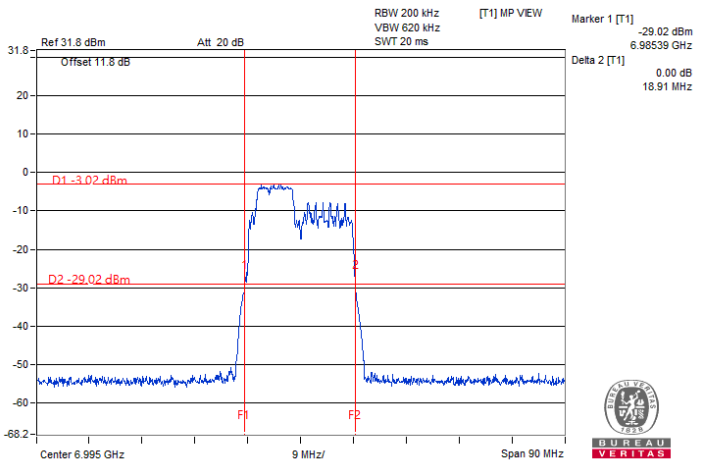


802.11be (EHT20) 52-tone RU 1S1T : CH 97@37

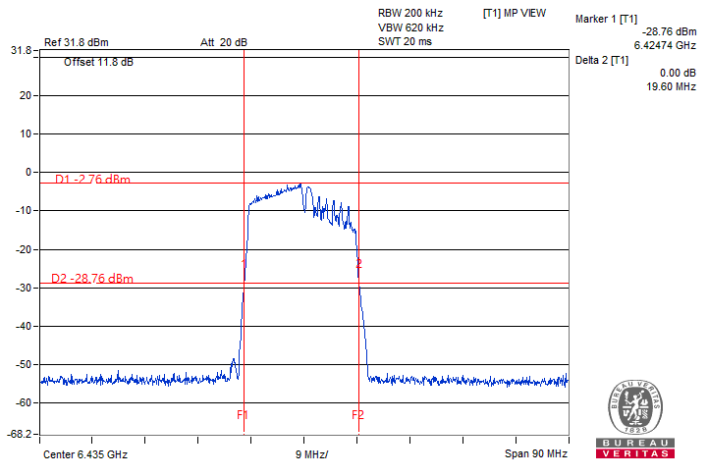


802.11be (EHT20) 106-tone RU 1S1T : CH 185@40

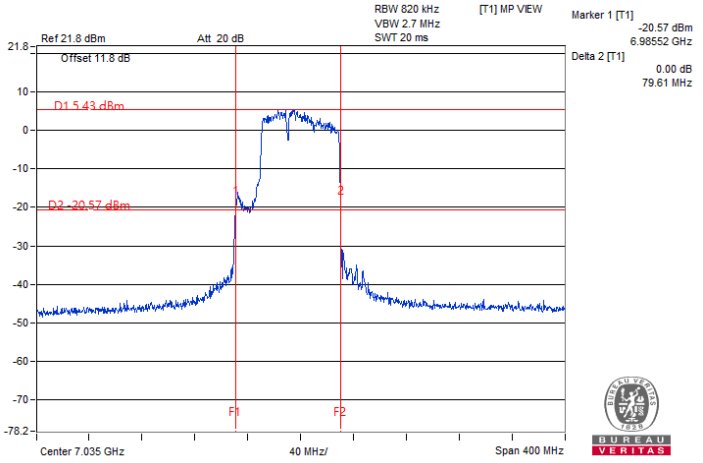
Spectrum Plot of Maximum Value



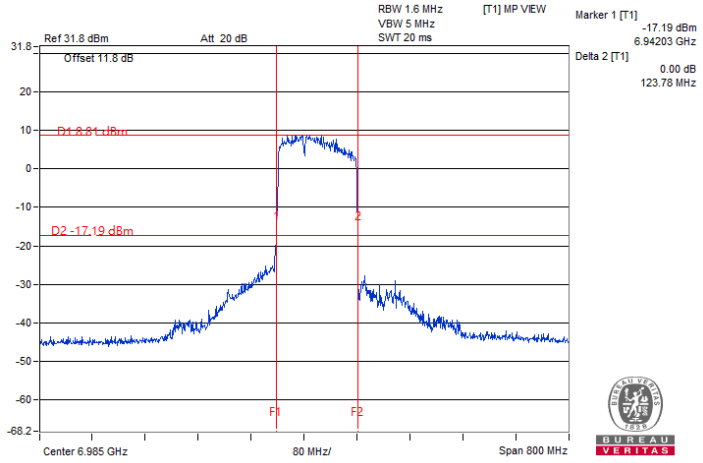
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 209@70



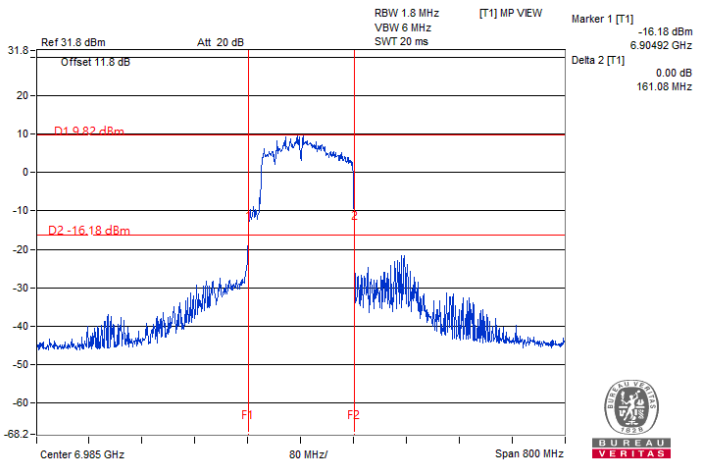
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 97@82



802.11be (EHT80) 484+242-tone MRU 1S1T : CH 215@90



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 207@94-0



802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 207@96-0

802.11a 2TX

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	18.19	18.19	320	Pass
45	6175	18.15	18.16	320	Pass
93	6415	18.11	18.07	320	Pass
97	6435	18.21	18.25	320	Pass
105	6475	18.12	17.99	320	Pass
113	6515	18.11	18.07	320	Pass
117	6535	18.07	18.25	320	Pass
149	6695	18.14	18.10	320	Pass
181	6855	18.10	18.18	320	Pass
185	6875	18.05	18.29	320	Pass
209	6995	18.11	18.14	320	Pass
233	7115	18.04	18.18	320	Pass

802.11be (EHT20) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	19.79	19.77	320	Pass
45	6175	19.77	19.77	320	Pass
93	6415	19.85	19.80	320	Pass
97	6435	19.77	19.83	320	Pass
105	6475	19.74	19.73	320	Pass
113	6515	19.76	19.76	320	Pass
117	6535	19.77	19.75	320	Pass
149	6695	19.81	19.80	320	Pass
181	6855	19.73	19.73	320	Pass
185	6875	19.78	19.75	320	Pass
209	6995	19.79	19.74	320	Pass
233	7115	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	39.46	39.44	320	Pass
43	6165	39.46	39.43	320	Pass
91	6405	39.33	39.33	320	Pass
99	6445	39.44	39.38	320	Pass
107	6485	39.39	39.44	320	Pass
115	6525	39.36	39.38	320	Pass
123	6565	39.34	39.41	320	Pass
155	6725	39.37	39.51	320	Pass
179	6845	39.43	39.45	320	Pass
187	6885	39.41	39.57	320	Pass
211	7005	39.43	39.48	320	Pass
227	7085	39.42	39.39	320	Pass

802.11be (EHT80) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	80.03	79.95	320	Pass
39	6145	79.97	79.98	320	Pass
87	6385	79.98	79.96	320	Pass
103	6465	80.05	79.97	320	Pass
119	6545	80.01	80.04	320	Pass
151	6705	79.92	79.96	320	Pass
183	6865	79.99	79.93	320	Pass
199	6945	80.07	79.94	320	Pass
215	7025	80.05	79.89	320	Pass

802.11be (EHT160) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	162.26	162.13	320	Pass
47	6185	162.02	162.19	320	Pass
79	6345	161.91	162.10	320	Pass
111	6505	162.04	162.07	320	Pass
143	6665	162.10	162.00	320	Pass
175	6825	162.03	161.98	320	Pass
207	6985	161.98	162.14	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	19.49	19.55	320	Pass
93	6415	19.35	19.43	320	Pass
97	6435	19.57	19.54	320	Pass
113	6515	19.38	19.45	320	Pass
117	6535	19.57	19.53	320	Pass
185	6875	19.43	19.35	320	Pass
209	6995	19.57	19.63	320	Pass
233	7115	19.40	19.53	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	19.71	320	Pass
93	6415	19.63	19.64	320	Pass
97	6435	19.60	19.80	320	Pass
113	6515	19.68	19.52	320	Pass
117	6535	19.70	19.55	320	Pass
185	6875	19.70	19.66	320	Pass
209	6995	19.70	19.72	320	Pass
233	7115	19.66	19.66	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	19.98	19.85	320	Pass
93	6415	19.93	19.85	320	Pass
97	6435	19.92	19.83	320	Pass
113	6515	19.88	19.73	320	Pass
117	6535	19.84	19.82	320	Pass
185	6875	19.96	19.72	320	Pass
209	6995	19.91	19.91	320	Pass
233	7115	20.00	19.83	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	18.49	18.77	320	Pass
93	6415	18.90	18.86	320	Pass
97	6435	18.96	18.80	320	Pass
113	6515	18.87	18.92	320	Pass
117	6535	18.98	19.15	320	Pass
185	6875	18.83	19.05	320	Pass
209	6995	18.87	18.94	320	Pass
233	7115	18.94	18.95	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	19.21	19.23	320	Pass
93	6415	19.45	19.33	320	Pass
97	6435	19.58	19.62	320	Pass
113	6515	19.32	19.42	320	Pass
117	6535	19.62	19.66	320	Pass
185	6875	19.39	19.41	320	Pass
209	6995	19.63	19.70	320	Pass
233	7115	19.40	19.34	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	79.27	79.06	320	Pass
87	6385	79.31	78.92	320	Pass
103	6465	79.03	78.40	320	Pass
119	6545	79.04	79.30	320	Pass
183	6865	78.39	79.26	320	Pass
199	6945	79.26	79.51	320	Pass
215	7025	79.34	78.71	320	Pass

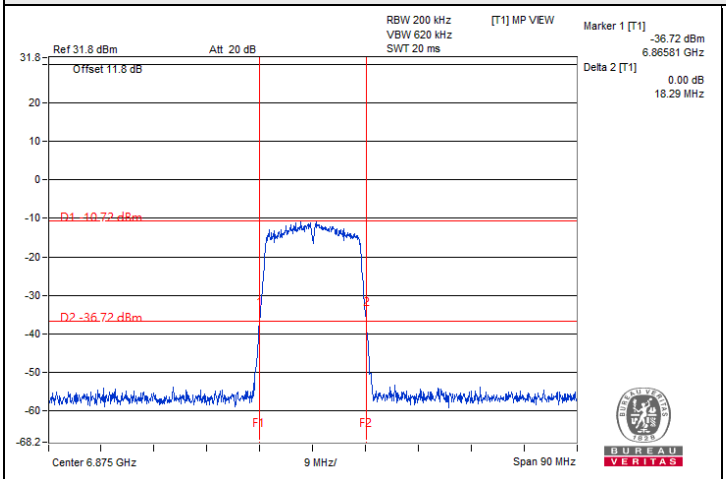
802.11be (EHT160) 996+484-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	123.39	123.10	320	Pass
79	6345	122.71	123.43	320	Pass
111	6505	123.46	123.36	320	Pass
143	6665	123.42	123.16	320	Pass
175	6825	123.17	123.48	320	Pass
207	6985	123.14	123.55	320	Pass

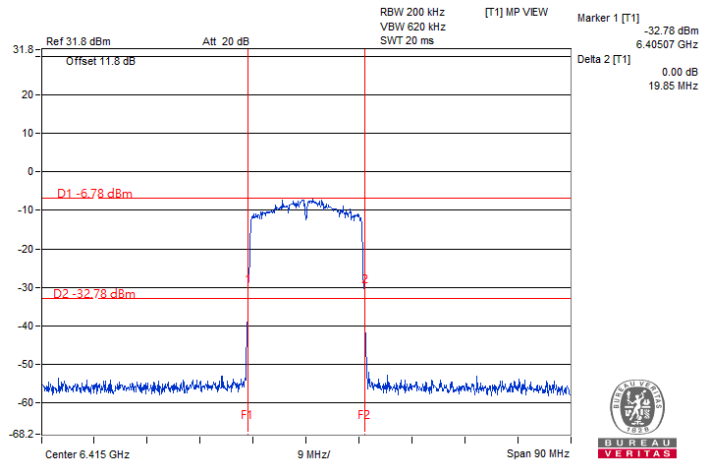
802.11be (EHT160) 996+484+242-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	159.82	159.96	320	Pass
79	6345	159.86	160.68	320	Pass
111	6505	159.95	160.48	320	Pass
143	6665	159.87	160.62	320	Pass
175	6825	159.84	159.59	320	Pass
207	6985	159.11	159.84	320	Pass

Spectrum Plot of Maximum Value

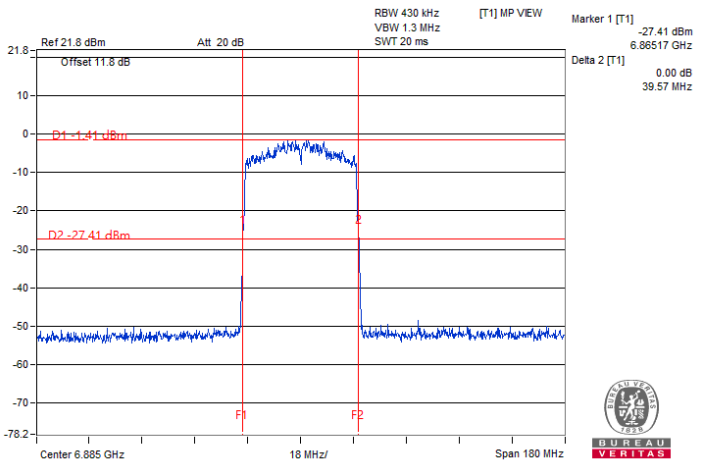


802.11a 2TX / Chain 1 : CH 185

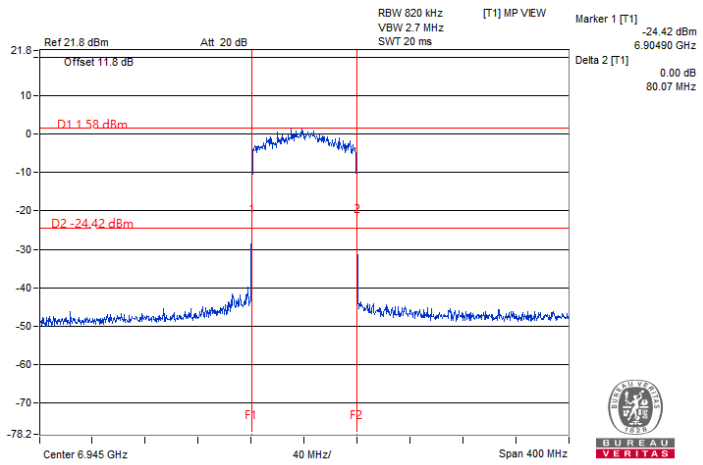


802.11be (EHT20) 2S2T / Chain 0 : CH 93

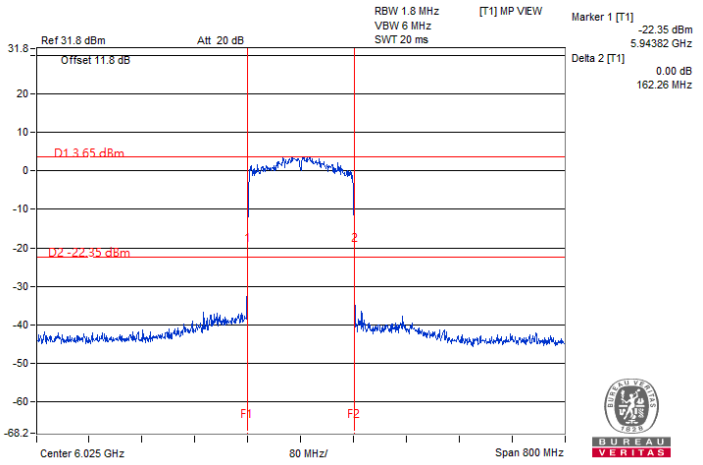
Spectrum Plot of Maximum Value



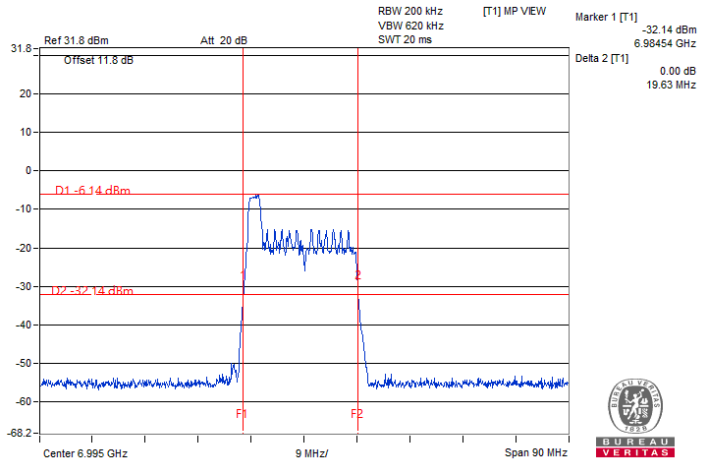
802.11be (EHT40) 2S2T / Chain 1 : CH 187



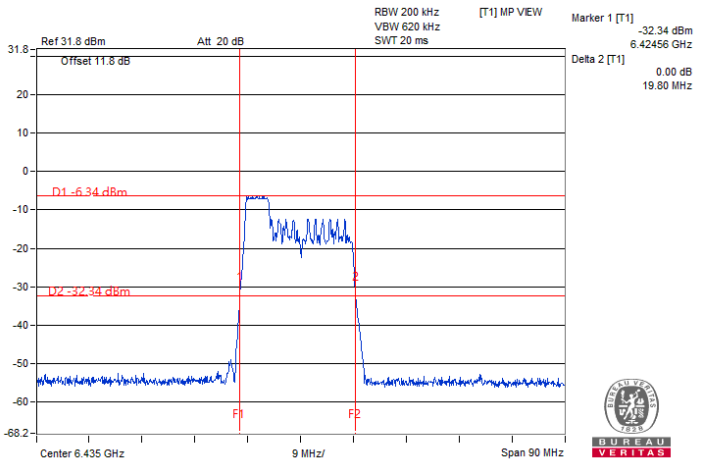
802.11be (EHT80) 2S2T / Chain 0 : CH 199



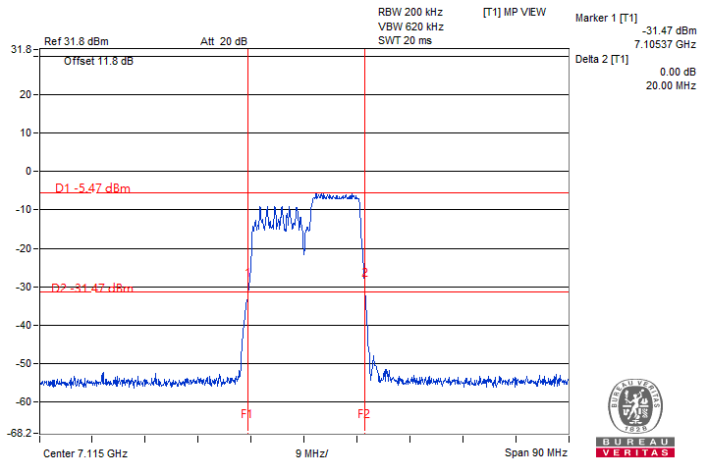
802.11be (EHT160) 2S2T / Chain 0 : CH 15



802.11be (EHT20) 26-tone RU 2S2T / Chain 1 : CH 209@0

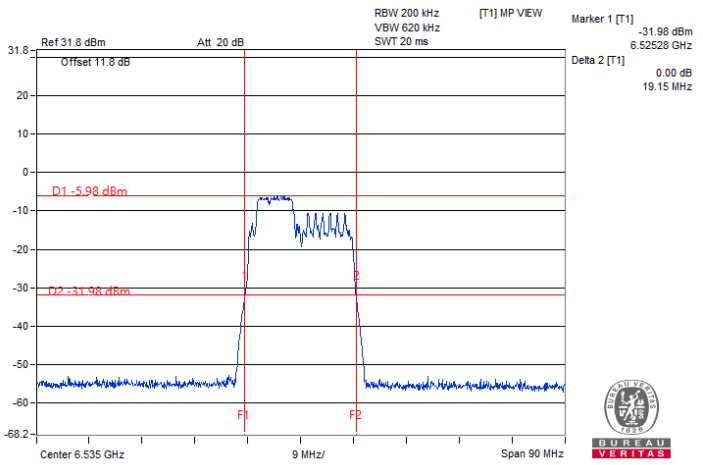


802.11be (EHT20) 52-tone RU 2S2T / Chain 1 : CH 97@37

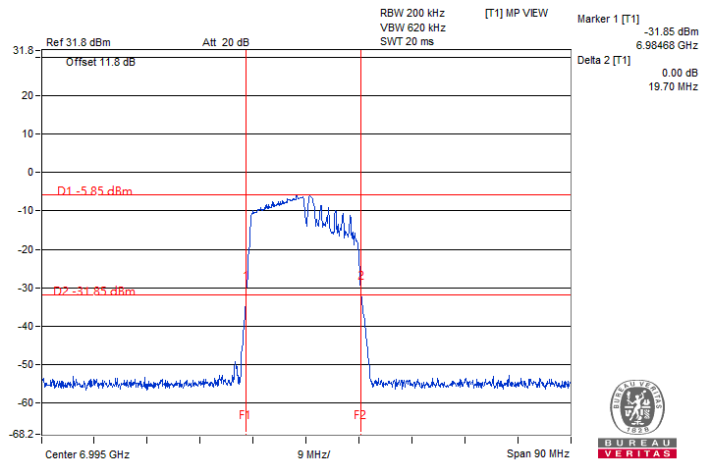


802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 233@54

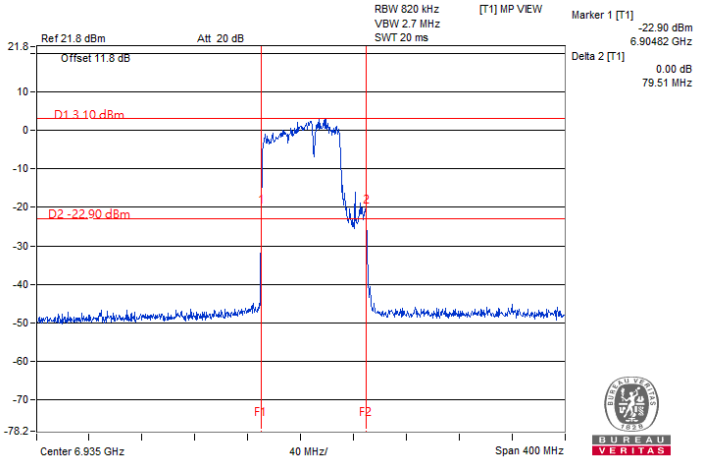
Spectrum Plot of Maximum Value



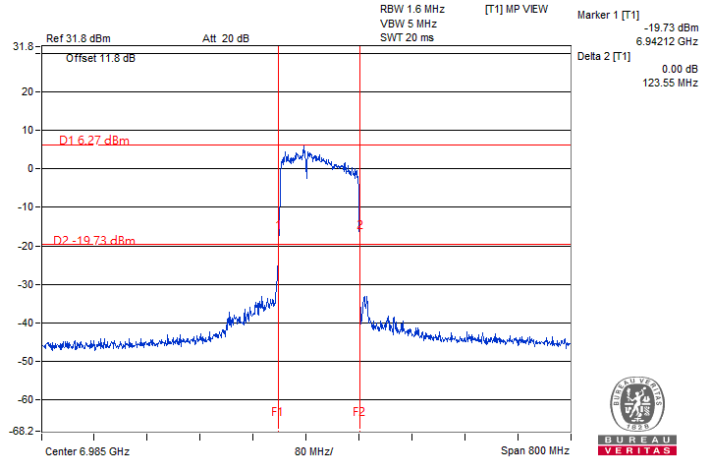
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1 : CH 117@70



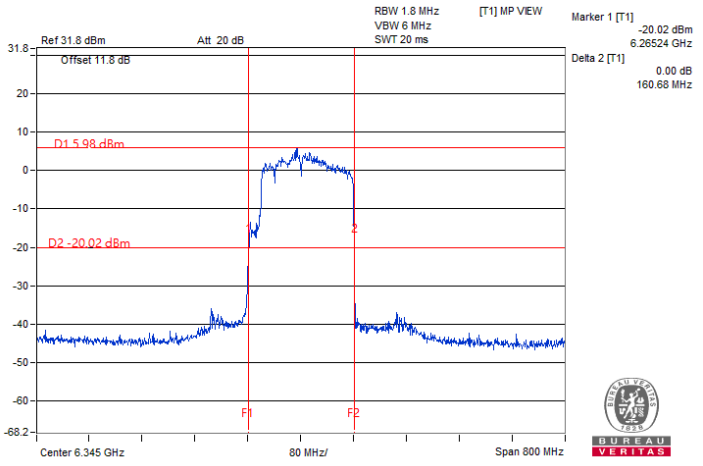
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1 : CH 209@82



802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1 : CH 199@93



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 1 : CH 207@94-0



802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain 1 : CH 79@96-0

under control of a Standard Power AP

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

802.11a 1TX

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	37.43	320	Pass
45	6175	35.16	320	Pass
93	6415	39.66	320	Pass
117	6535	34.03	320	Pass
149	6695	36.69	320	Pass
181	6855	38.05	320	Pass

802.11be (EHT20) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	40.62	320	Pass
45	6175	42.59	320	Pass
93	6415	43.56	320	Pass
117	6535	42.62	320	Pass
149	6695	38.24	320	Pass
181	6855	37.9	320	Pass

802.11be (EHT40) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
3	5965	56.39	320	Pass
43	6165	68.61	320	Pass
91	6405	80.76	320	Pass
123	6565	75.92	320	Pass
155	6725	66.9	320	Pass
179	6845	74.4	320	Pass

802.11be (EHT80) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	90.29	320	Pass
39	6145	107.15	320	Pass
87	6385	113.23	320	Pass
135	6625	85.03	320	Pass
151	6705	137.16	320	Pass
167	6785	125.01	320	Pass

802.11be (EHT160) 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	253.04	320	Pass
47	6185	255.53	320	Pass
79	6345	314.86	320	Pass
143	6665	175.12	320	Pass

802.11be (EHT20) 26-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.62	320	Pass
93	6415	19.53	320	Pass
117	6535	19.66	320	Pass
181	6855	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	19.74	320	Pass
93	6415	19.61	320	Pass
117	6535	19.59	320	Pass
181	6855	20.43	320	Pass

802.11be (EHT20) 106-tone RU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	24.54	320	Pass
93	6415	25.25	320	Pass
117	6535	24.12	320	Pass
181	6855	25.63	320	Pass

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	19.11	320	Pass
93	6415	20.46	320	Pass
117	6535	19.25	320	Pass
181	6855	19.75	320	Pass

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
1	5955	21.8	320	Pass
93	6415	22.87	320	Pass
117	6535	23.33	320	Pass
181	6855	27.63	320	Pass

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
7	5985	79.08	320	Pass
87	6385	113.75	320	Pass
135	6625	120.44	320	Pass
167	6785	120.62	320	Pass

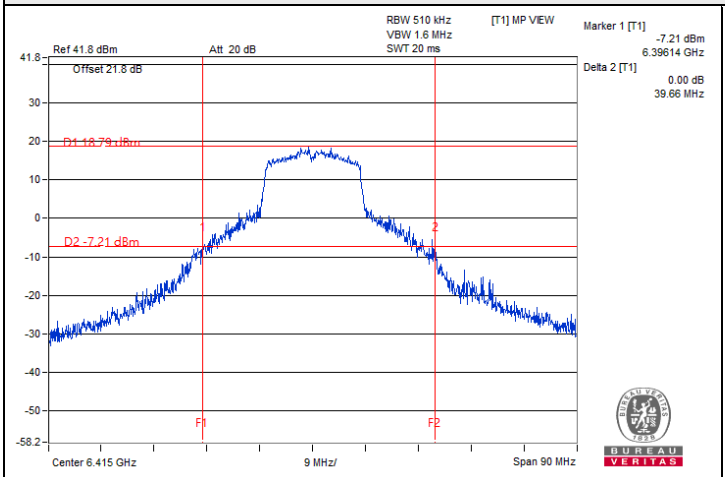
802.11be (EHT160) 996+484-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	123.59	320	Pass
79	6345	122.74	320	Pass
143	6665	123.27	320	Pass

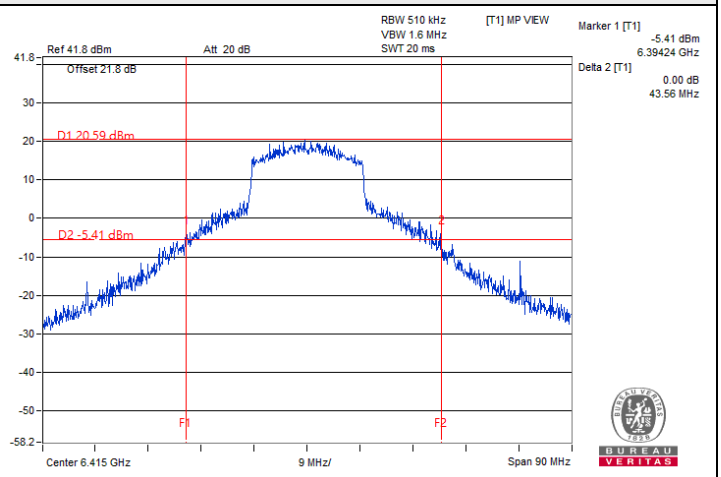
802.11be (EHT160) 996+484+242-tone MRU 1S1T

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	Maximum Limit (MHz)	Test Result
15	6025	181.91	320	Pass
79	6345	228.22	320	Pass
143	6665	160.6	320	Pass

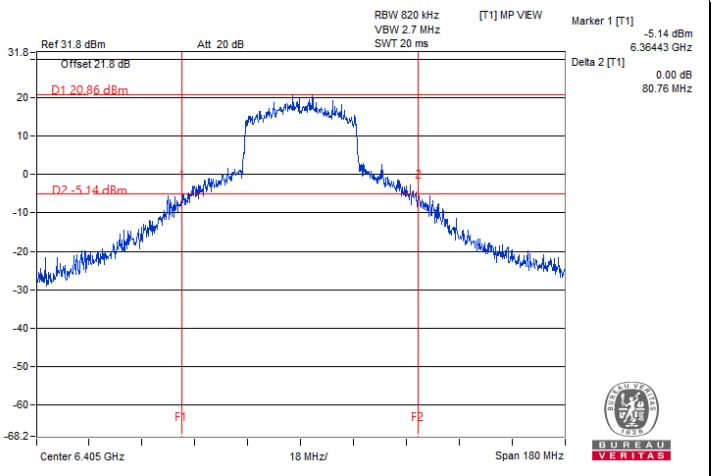
Spectrum Plot of Maximum Value



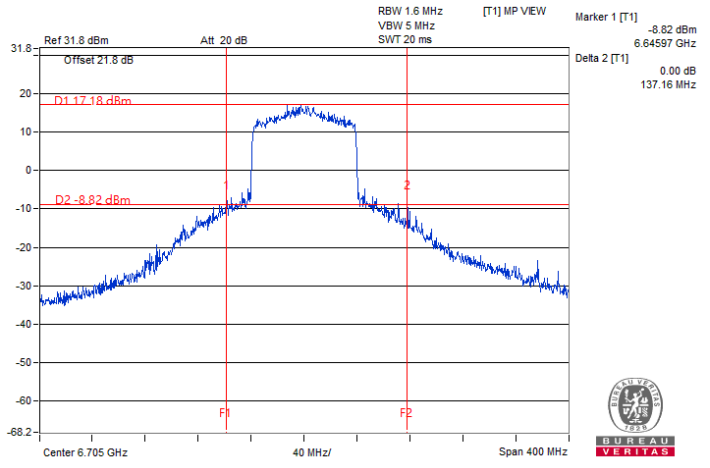
802.11a 1TX : CH 93



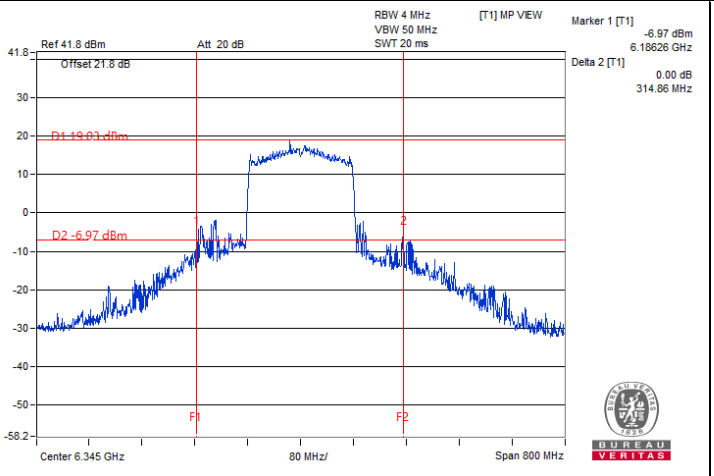
802.11be (EHT20) 1S1T : CH 93



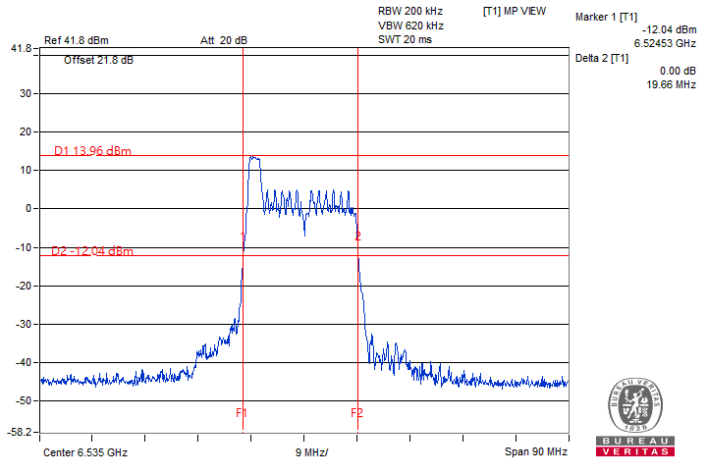
802.11be (EHT40) 1S1T : CH 91



802.11be (EHT80) 1S1T : CH 151

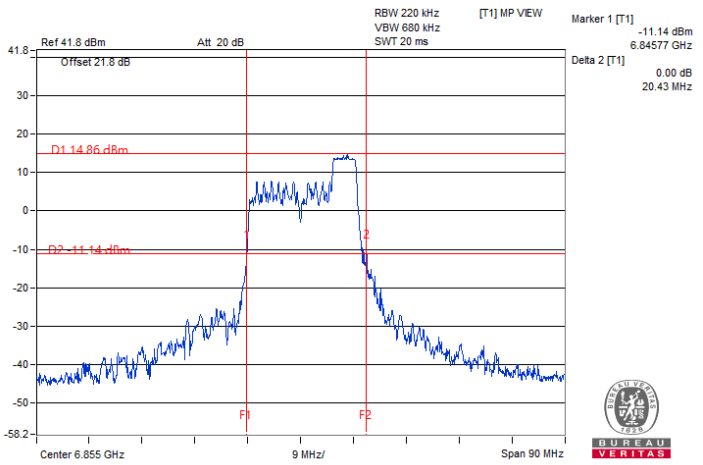


802.11be (EHT160) 1S1T : CH 79

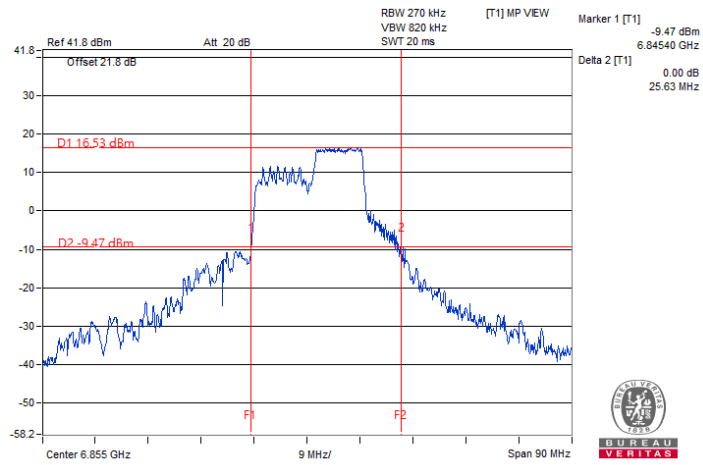


802.11be (EHT20) 26-tone RU 1S1T : CH 117@0

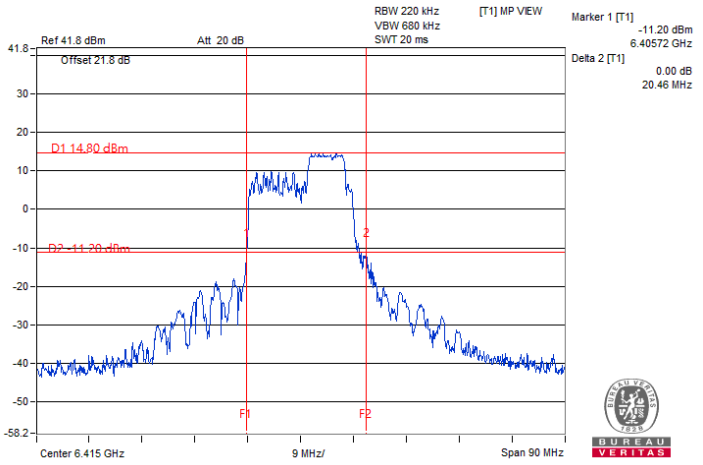
Spectrum Plot of Maximum Value



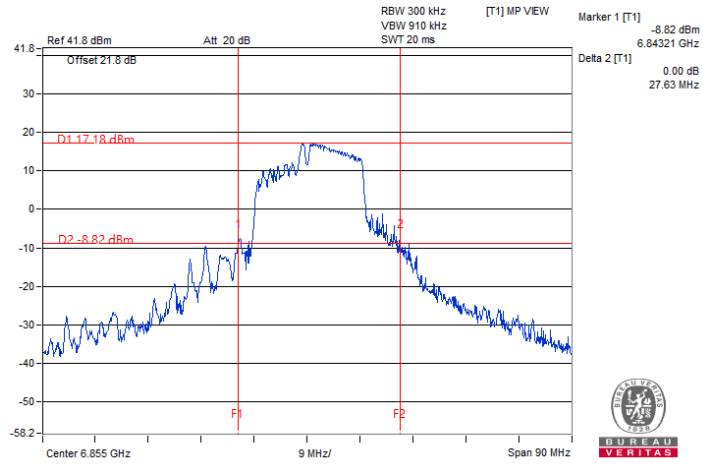
802.11be (EHT20) 52-tone RU 1S1T : CH 181@40



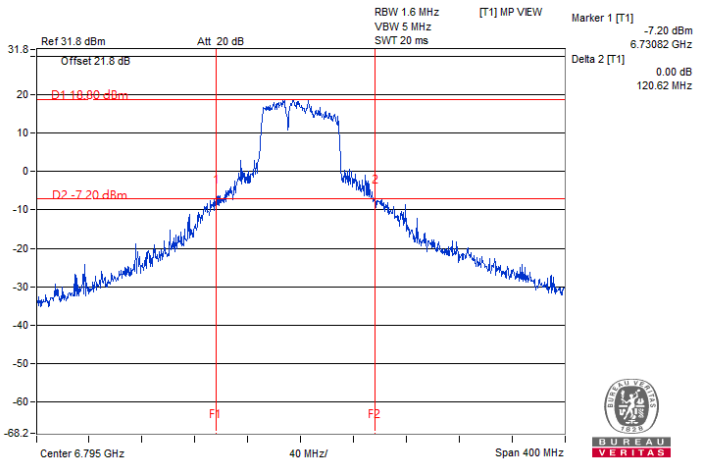
802.11be (EHT20) 106-tone RU 1S1T : CH 181@54



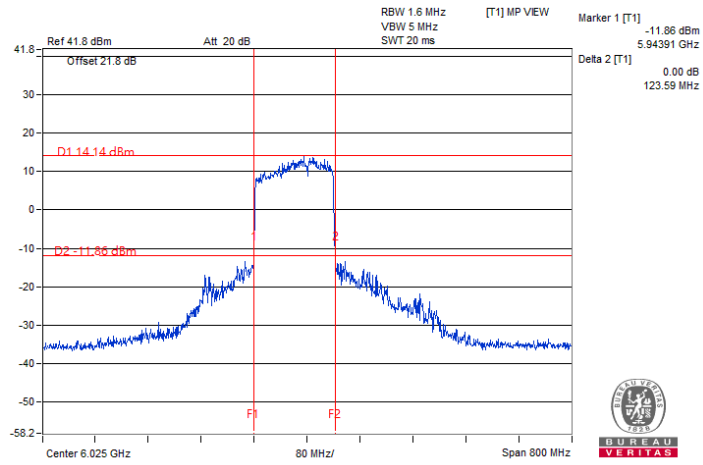
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 93@72



802.11be (EHT20) 106+26-tone MRU 1S1T : CH 181@83

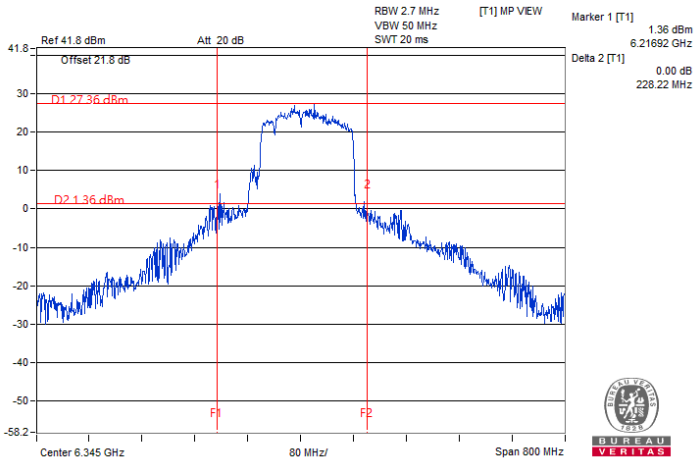


802.11be (EHT80) 484+242-tone MRU 1S1T : CH 167@90



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 15@95-1

Spectrum Plot of Maximum Value



802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 79@96-0

802.11a 2TX

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	18.08	18.18	320	Pass
45	6175	18.30	17.94	320	Pass
93	6415	18.21	18.07	320	Pass
117	6535	18.01	18.00	320	Pass
149	6695	18.13	18.21	320	Pass
181	6855	18.13	18.32	320	Pass

802.11be (EHT20) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	22.24	21.64	320	Pass
45	6175	22.37	19.93	320	Pass
93	6415	22.98	20.82	320	Pass
117	6535	24.63	22.05	320	Pass
149	6695	29.49	20.79	320	Pass
181	6855	28.91	28.95	320	Pass

802.11be (EHT40) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	5965	39.99	41.22	320	Pass
43	6165	62.83	54.26	320	Pass
91	6405	54.95	45.77	320	Pass
123	6565	58.03	56.04	320	Pass
155	6725	54.78	54.50	320	Pass
179	6845	55.69	70.61	320	Pass

802.11be (EHT80) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	80.13	80.03	320	Pass
39	6145	98.10	93.85	320	Pass
87	6385	118.80	84.64	320	Pass
135	6625	87.42	80.36	320	Pass
151	6705	93.22	87.19	320	Pass
167	6785	123.77	144.91	320	Pass

802.11be (EHT160) 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	230.06	233.18	320	Pass
47	6185	234.52	163.49	320	Pass
79	6345	224.50	238.26	320	Pass
143	6665	245.37	227.16	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	19.48	19.58	320	Pass
93	6415	19.38	19.43	320	Pass
117	6535	19.49	19.50	320	Pass
181	6855	19.46	19.45	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	19.68	19.72	320	Pass
93	6415	19.59	19.71	320	Pass
117	6535	19.70	19.55	320	Pass
181	6855	19.56	19.70	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	20.97	320	Pass
93	6415	23.04	21.53	320	Pass
117	6535	19.92	20.69	320	Pass
181	6855	21.68	21.45	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	18.99	18.93	320	Pass
93	6415	19.05	19.09	320	Pass
117	6535	19.04	19.08	320	Pass
181	6855	18.85	18.95	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	19.71	320	Pass
93	6415	19.36	19.38	320	Pass
117	6535	19.59	19.65	320	Pass
181	6855	21.48	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	79.12	79.34	320	Pass
87	6385	106.60	106.44	320	Pass
135	6625	99.08	90.62	320	Pass
167	6785	124.93	111.93	320	Pass

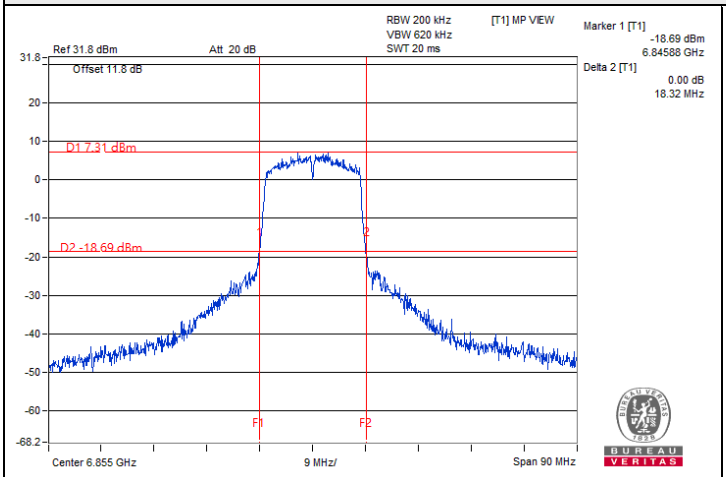
802.11be (EHT160) 996+484-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	123.33	123.26	320	Pass
79	6345	214.95	216.02	320	Pass
143	6665	214.19	180.99	320	Pass

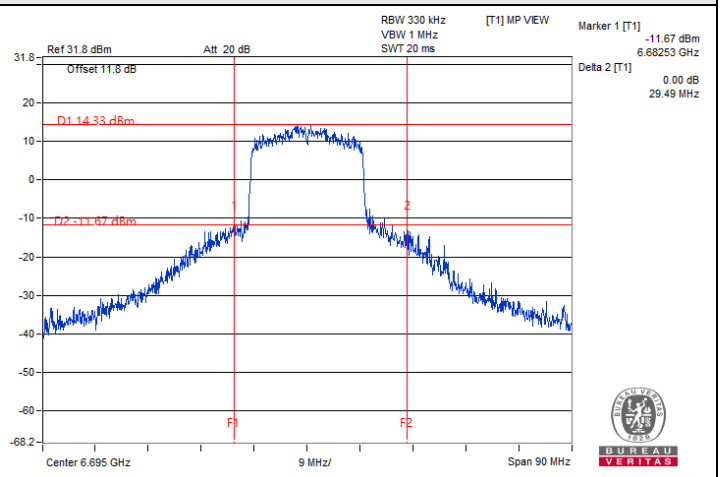
802.11be (EHT160) 996+484+242-tone MRU 2S2T

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	159.62	160.31	320	Pass
79	6345	284.25	285.10	320	Pass
143	6665	260.52	255.81	320	Pass

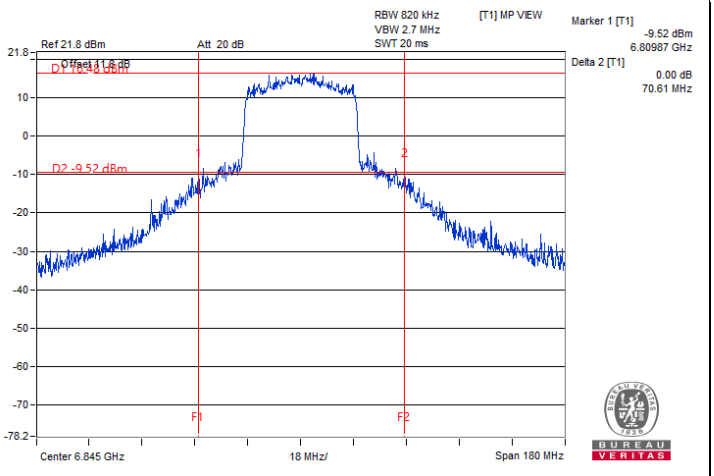
Spectrum Plot of Maximum Value



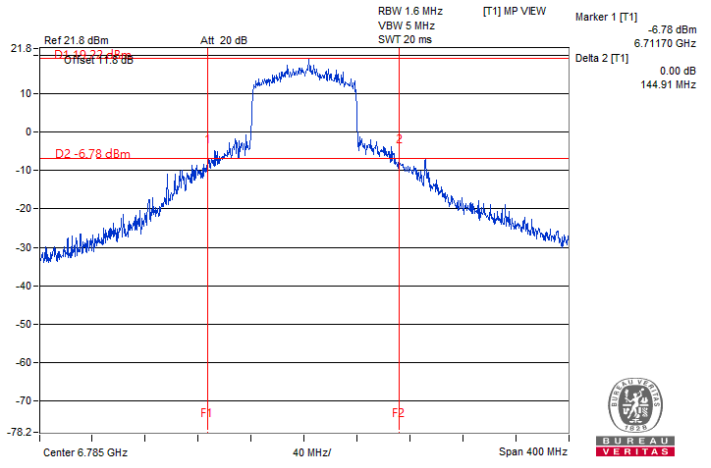
802.11a 2TX / Chain 1 : CH 181



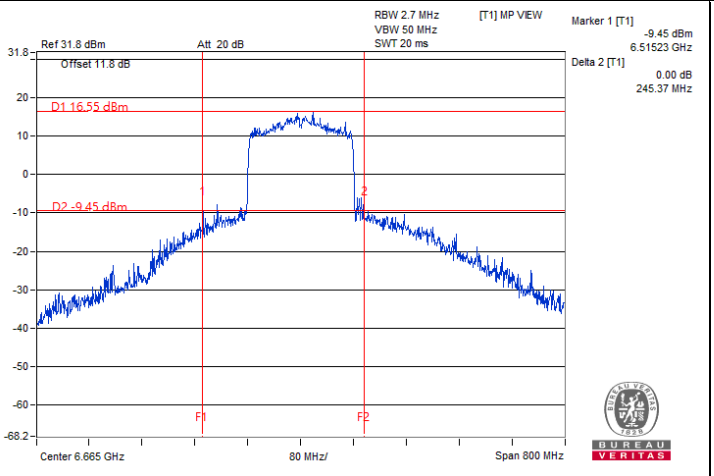
802.11be (EHT20) 2S2T / Chain 0 : CH 149



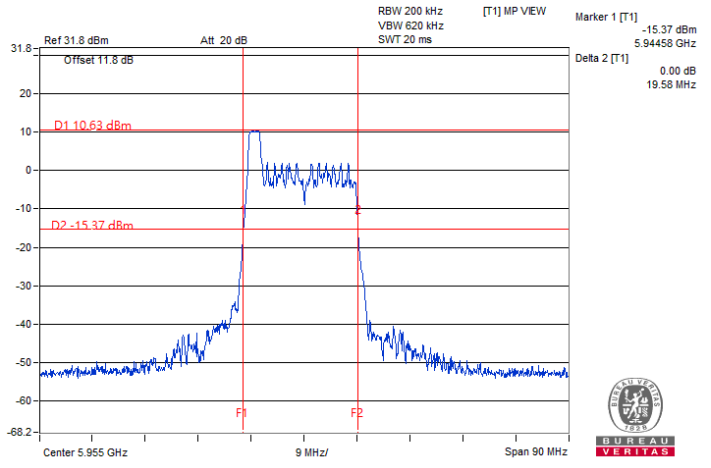
802.11be (EHT40) 2S2T / Chain 1 : CH 179



802.11be (EHT80) 2S2T / Chain 1 : CH 167

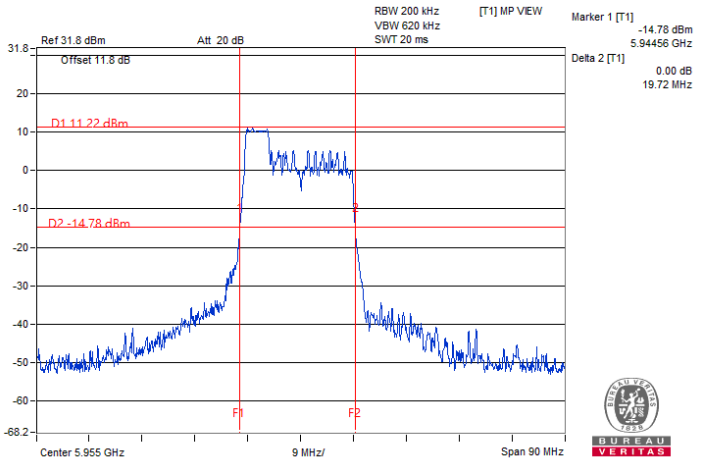


802.11be (EHT160) 2S2T / Chain 0 : CH 143

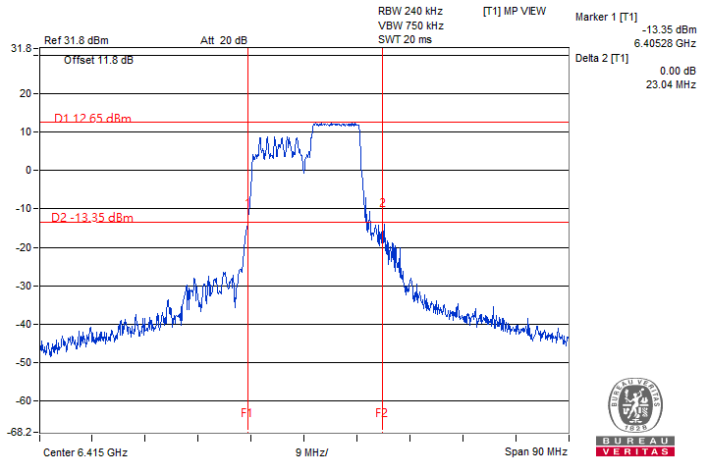


802.11be (EHT20) 26-tone RU 2S2T / Chain 1 : CH 1@0

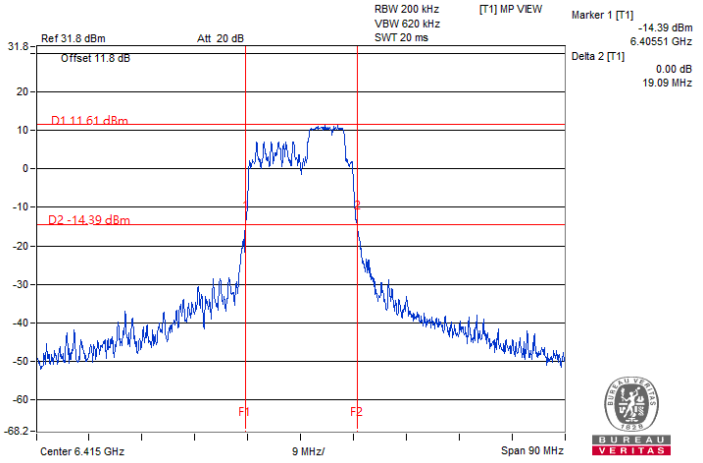
Spectrum Plot of Maximum Value



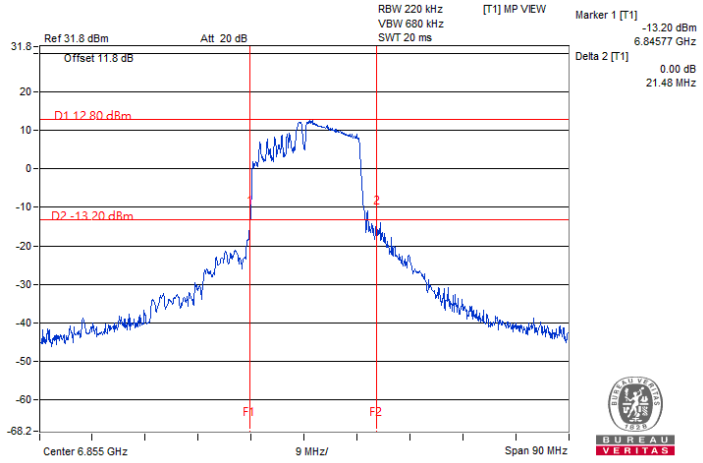
802.11be (EHT20) 52-tone RU 2S2T / Chain 1 : CH 1@37



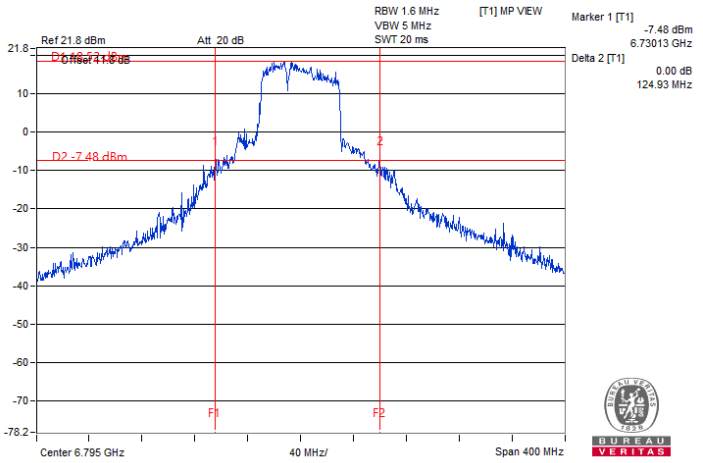
802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 93@54



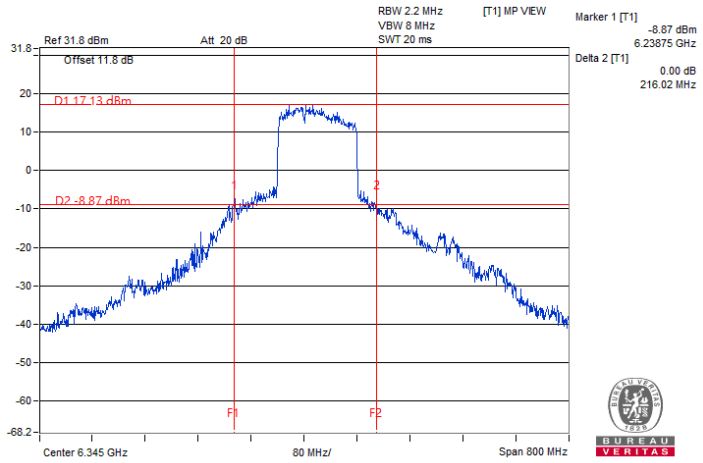
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1 : CH 93@72



802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 181@83

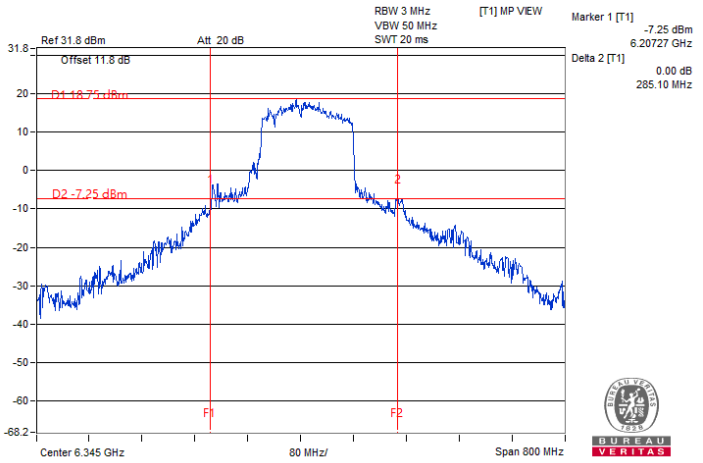


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0 : CH 167@90



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 1 : CH 79@94-0

Spectrum Plot of Maximum Value



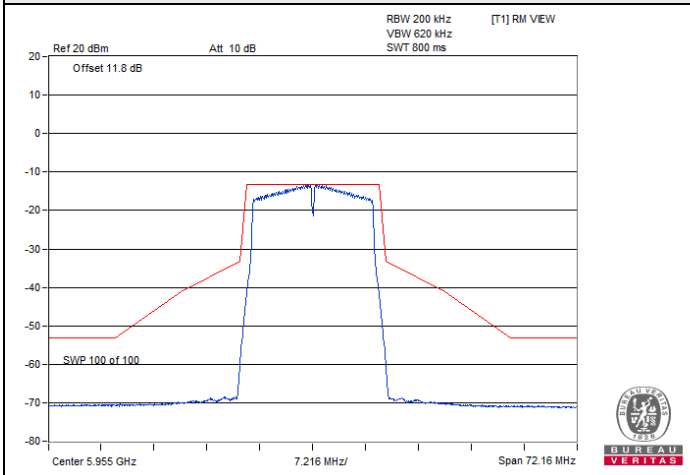
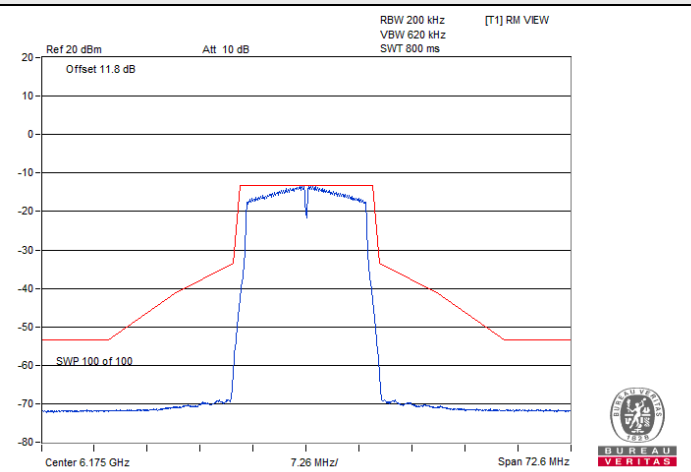
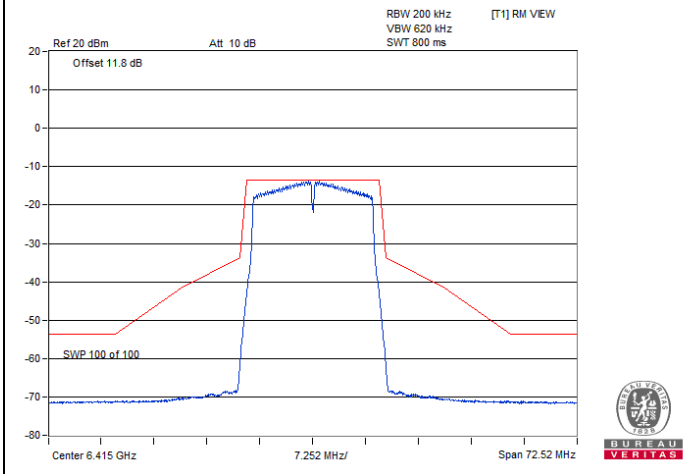
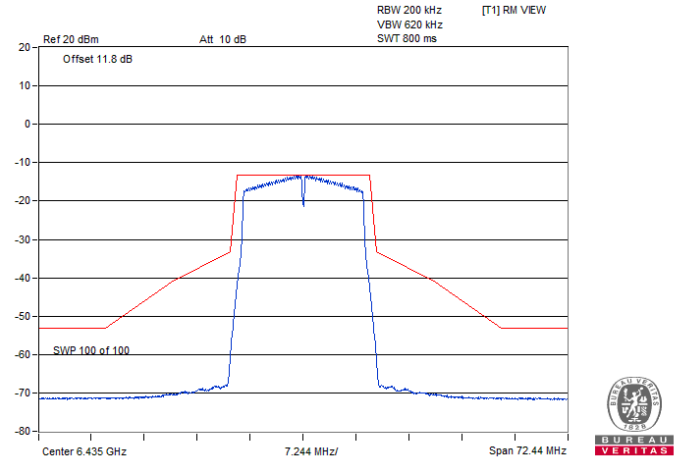
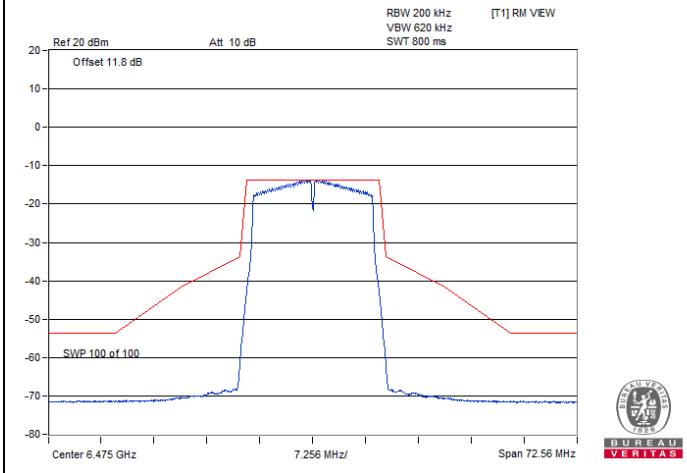
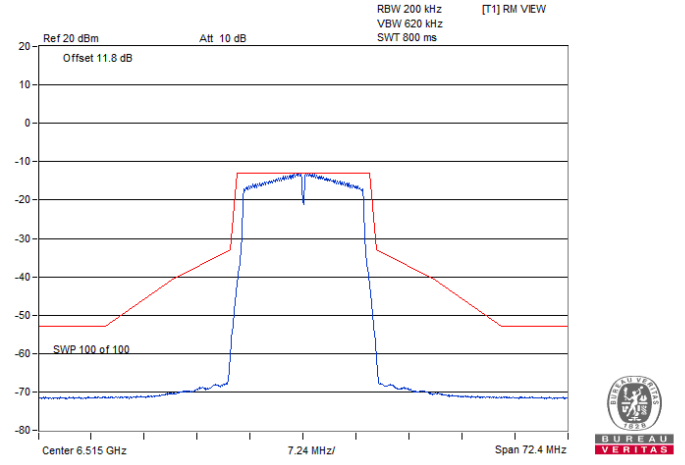
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain 1 : CH 79@96-0

7.4 In-Band Emission Mask

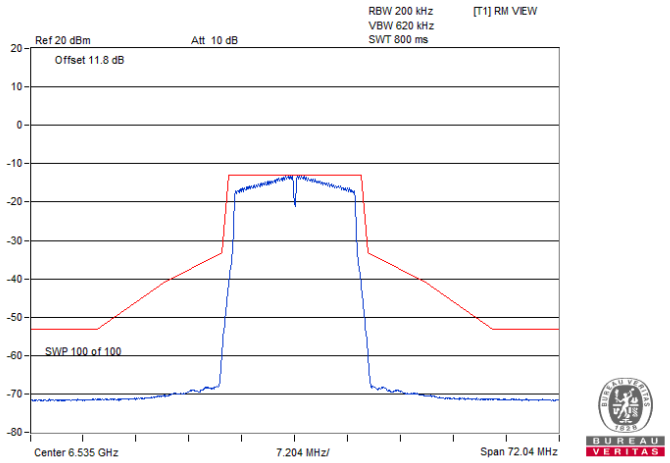
under control of a low-power indoor AP

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

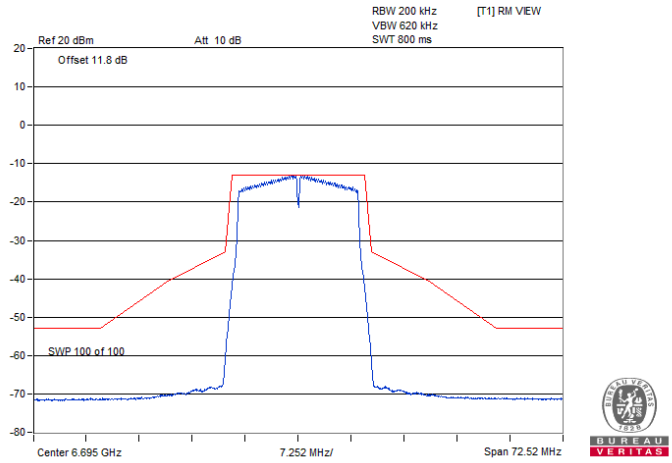
802.11a 1TX

Spectrum Plot	
	
802.11a 1TX : CH 1	802.11a 1TX : CH 45
	
802.11a 1TX : CH 93	802.11a 1TX : CH 97
	
802.11a 1TX : CH 105	802.11a 1TX : CH 113

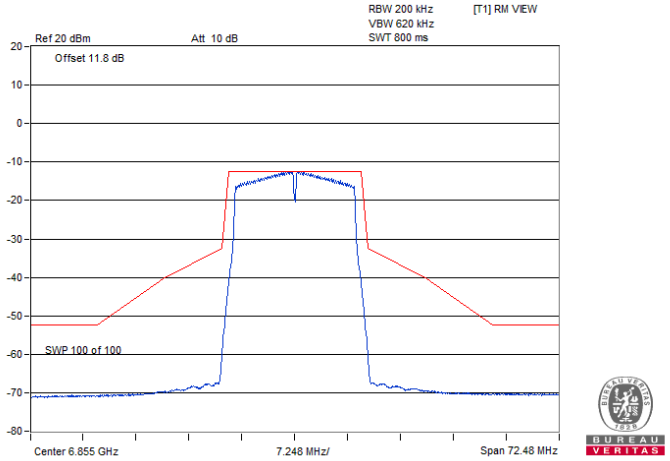
Spectrum Plot



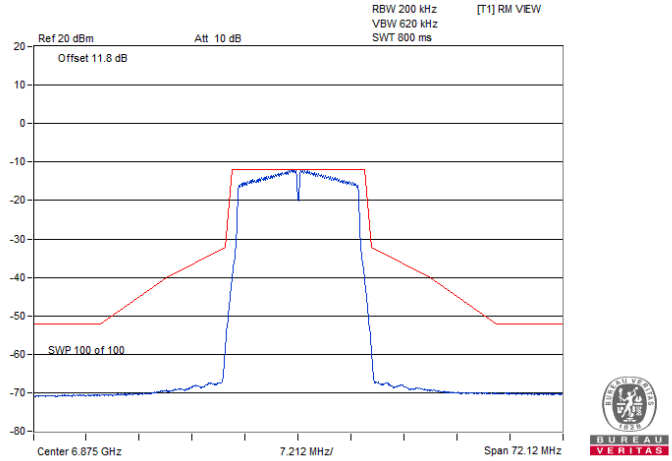
802.11a 1TX : CH 117



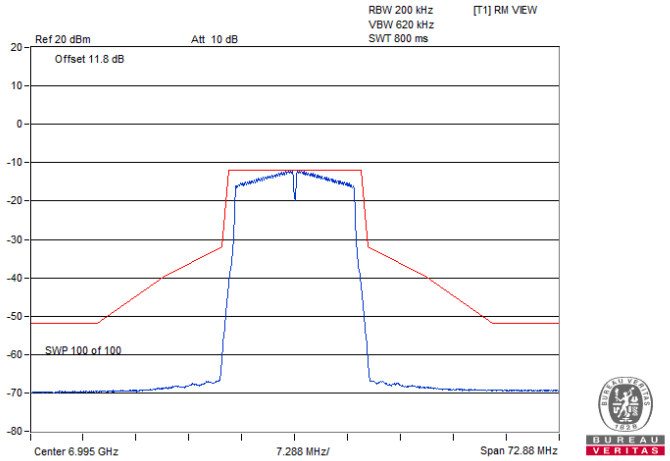
802.11a 1TX : CH 149



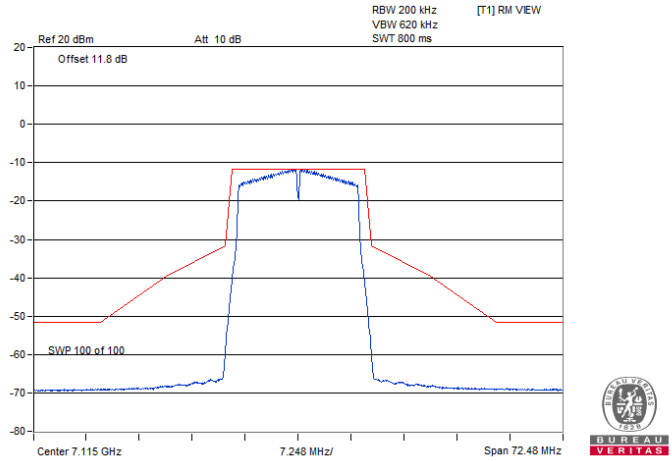
802.11a 1TX : CH 181



802.11a 1TX : CH 185

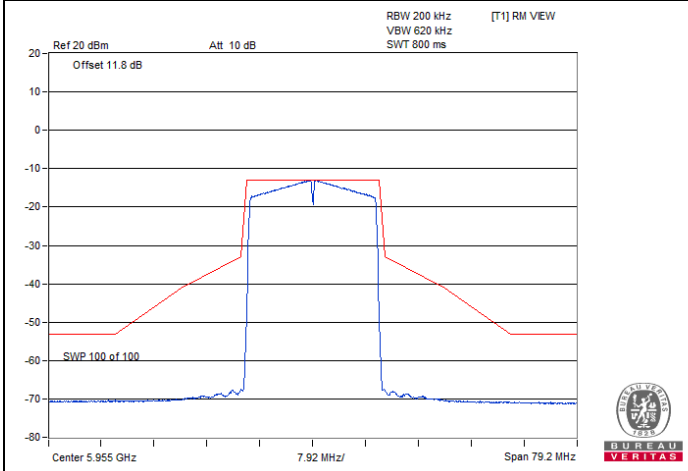
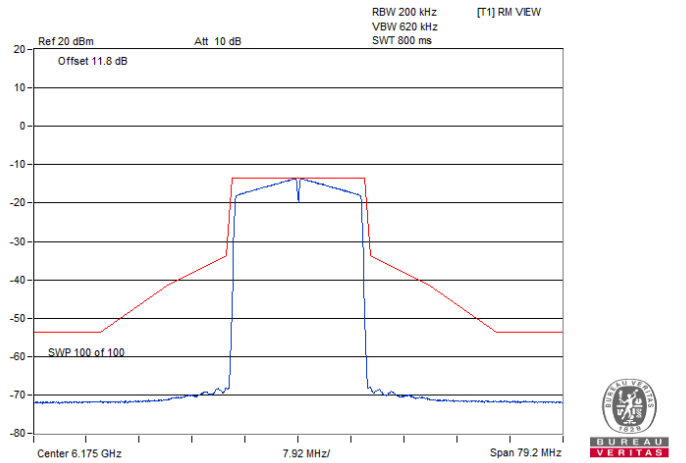
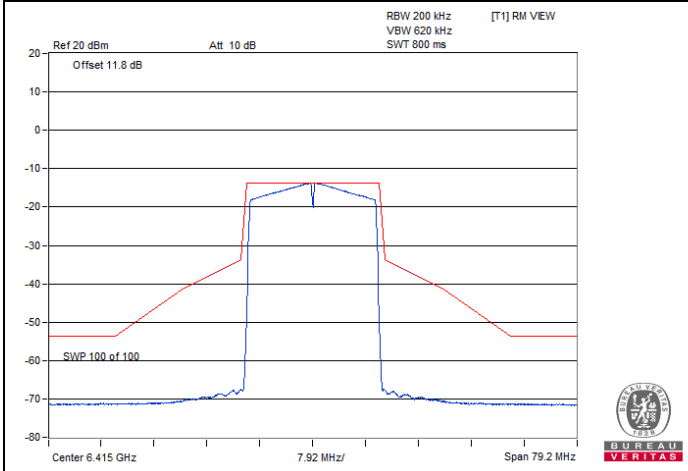
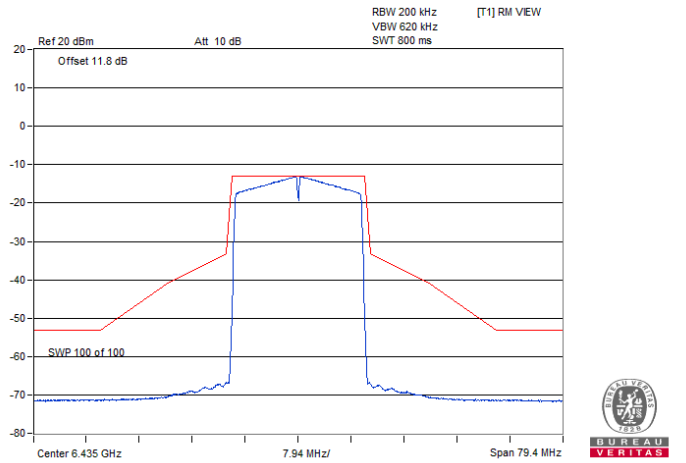
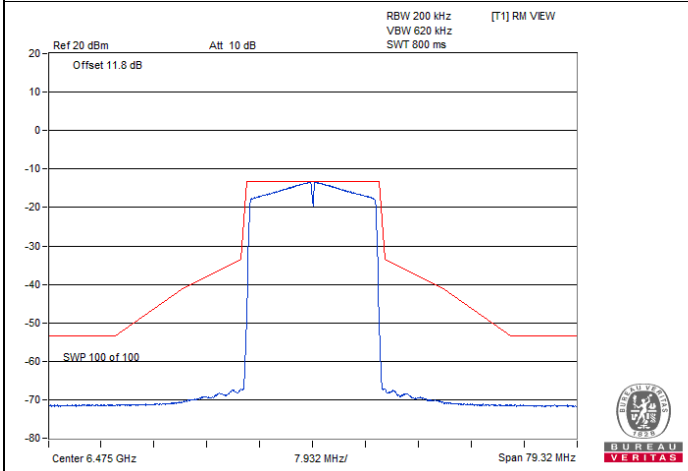
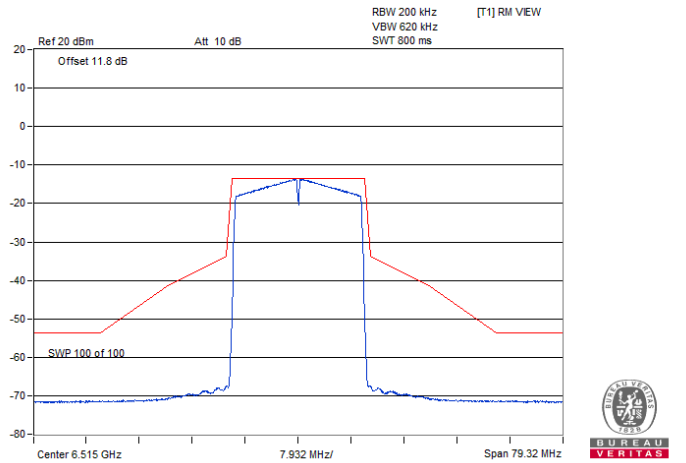


802.11a 1TX : CH 209

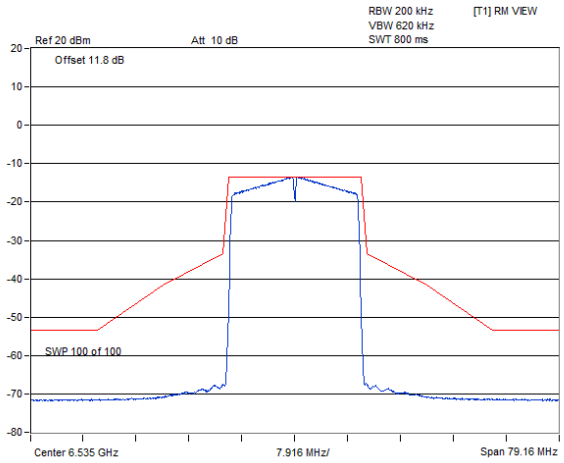


802.11a 1TX : CH 233

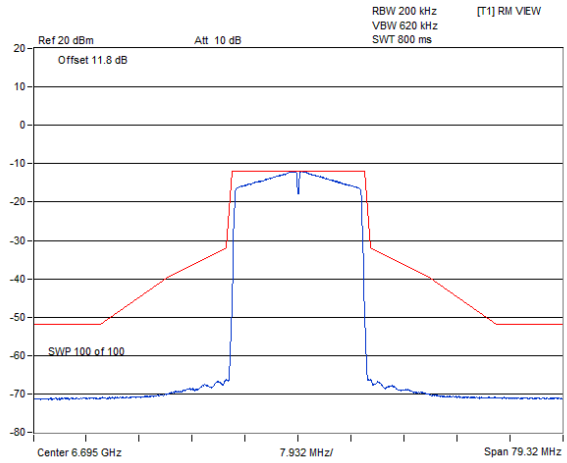
802.11be (EHT20) 1S1T

Spectrum Plot	
	
802.11be (EHT20) 1S1T : CH 1	802.11be (EHT20) 1S1T : CH 45
	
802.11be (EHT20) 1S1T : CH 93	802.11be (EHT20) 1S1T : CH 97
	
802.11be (EHT20) 1S1T : CH 105	802.11be (EHT20) 1S1T : CH 113

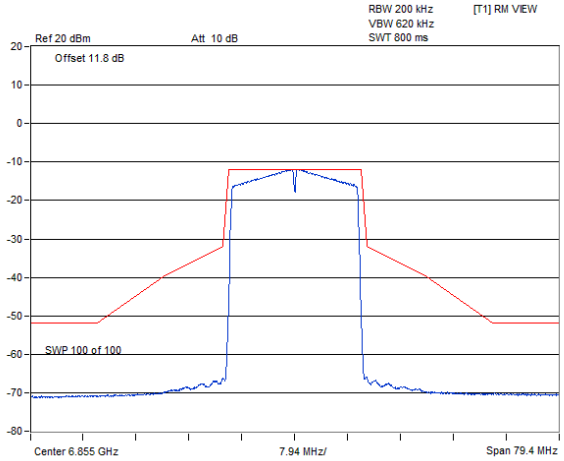
Spectrum Plot



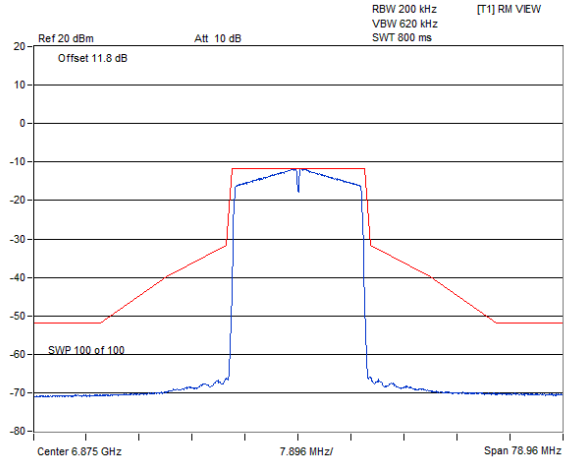
802.11be (EHT20) 1S1T : CH 117



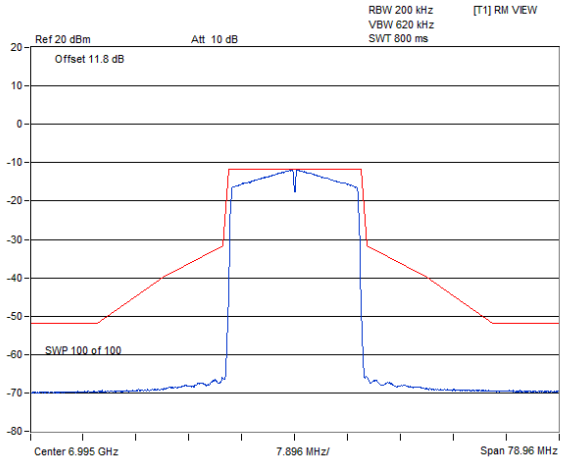
802.11be (EHT20) 1S1T : CH 149



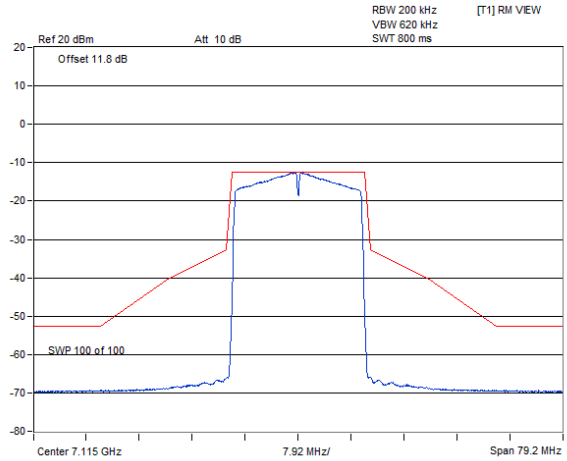
802.11be (EHT20) 1S1T : CH 181



802.11be (EHT20) 1S1T : CH 185

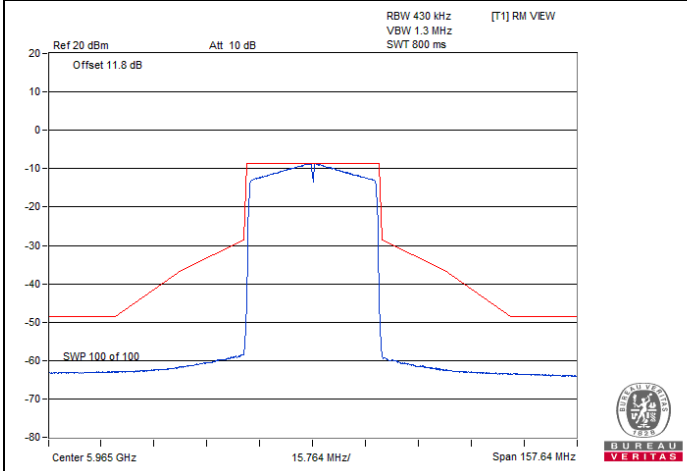
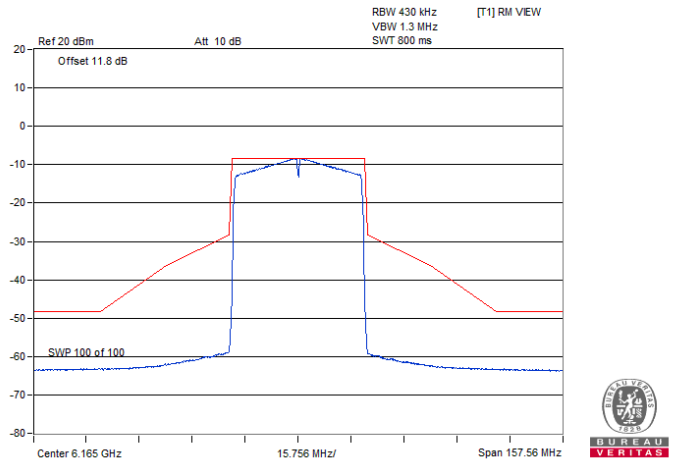
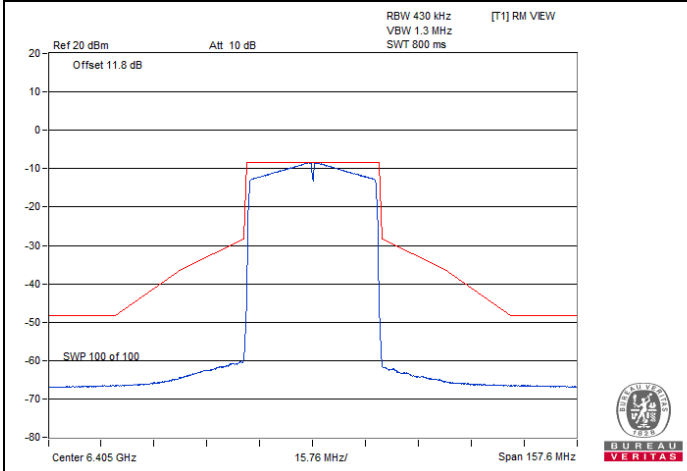
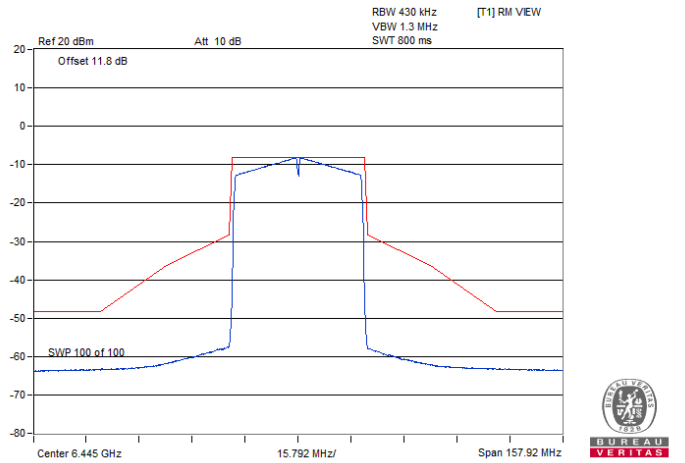
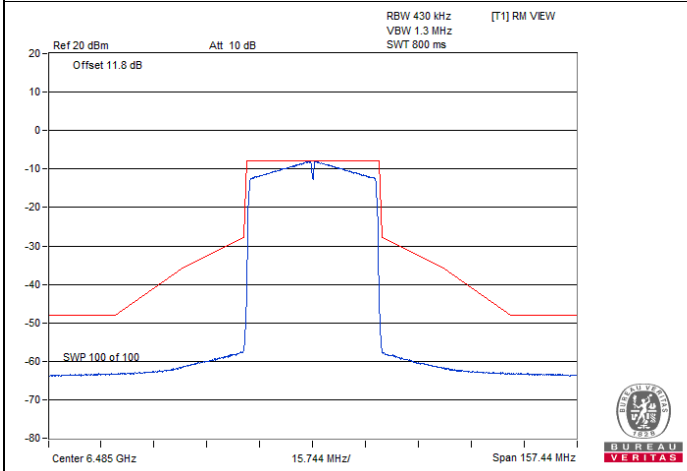
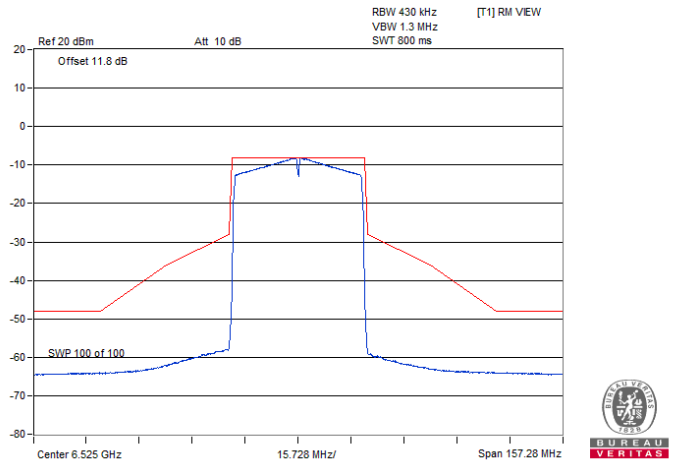


802.11be (EHT20) 1S1T : CH 209

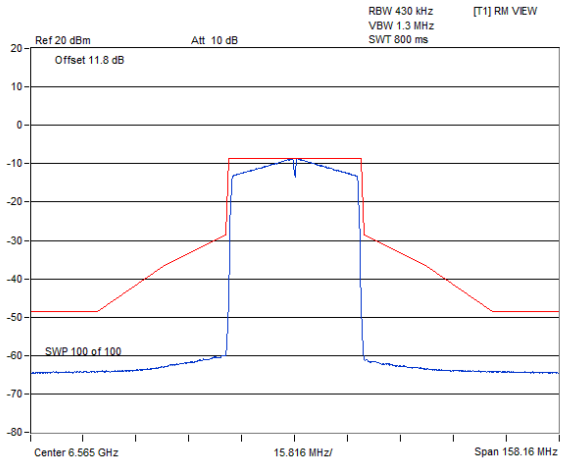


802.11be (EHT20) 1S1T : CH 233

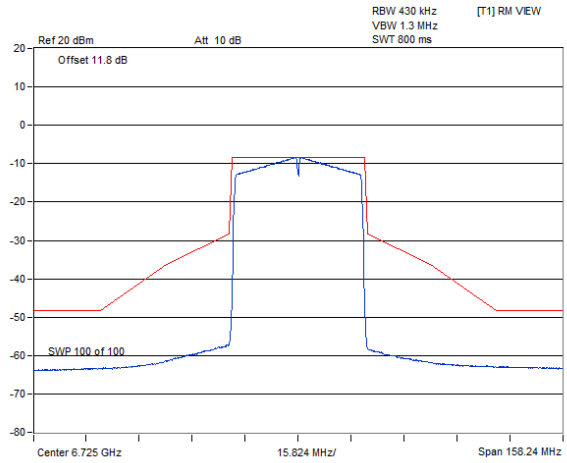
802.11be (EHT40) 1S1T

Spectrum Plot	
	
802.11be (EHT40) 1S1T : CH 3	802.11be (EHT40) 1S1T : CH 43
	
802.11be (EHT40) 1S1T : CH 91	802.11be (EHT40) 1S1T : CH 99
	
802.11be (EHT40) 1S1T : CH 107	802.11be (EHT40) 1S1T : CH 115

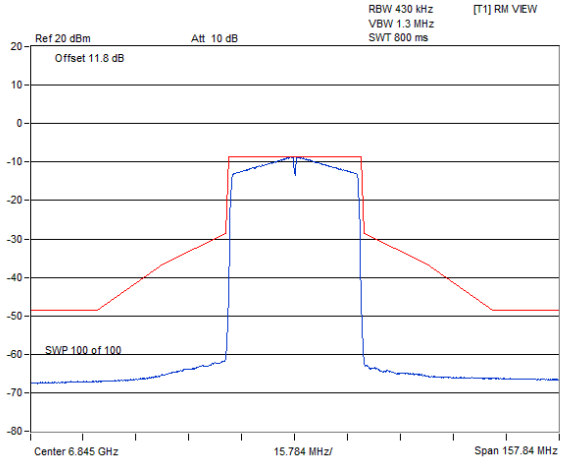
Spectrum Plot



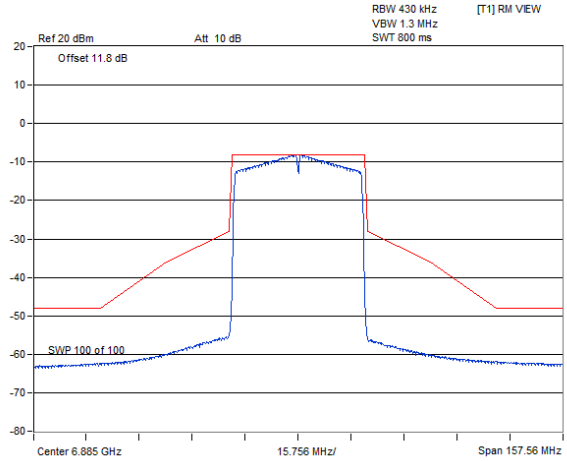
802.11be (EHT40) 1S1T : CH 123



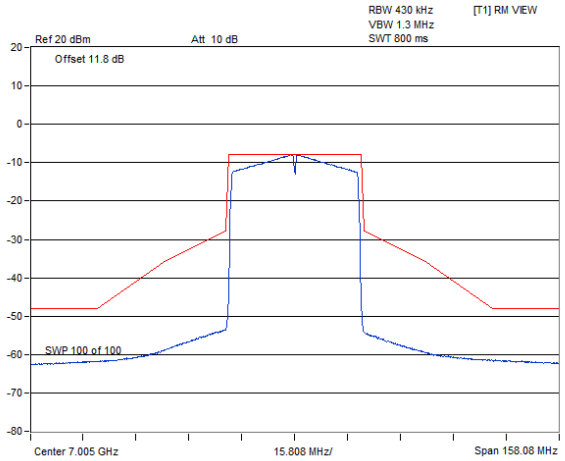
802.11be (EHT40) 1S1T : CH 155



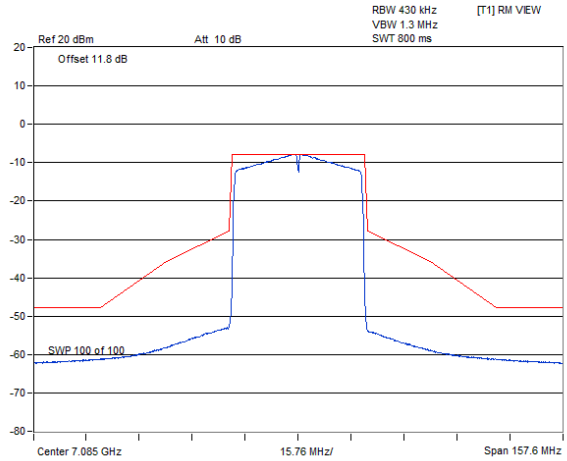
802.11be (EHT40) 1S1T : CH 179



802.11be (EHT40) 1S1T : CH 187

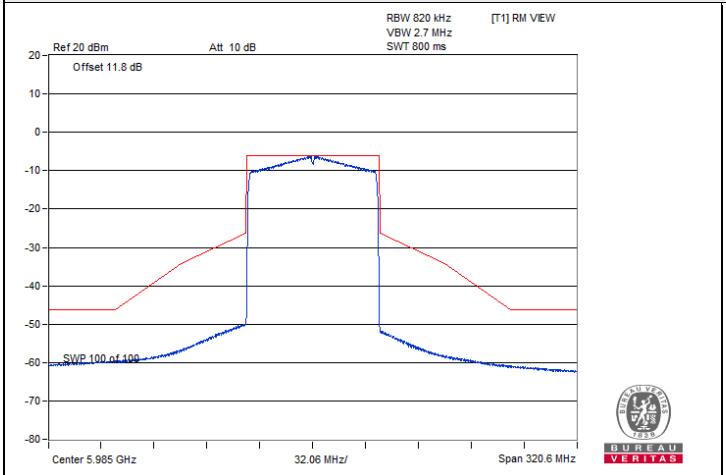
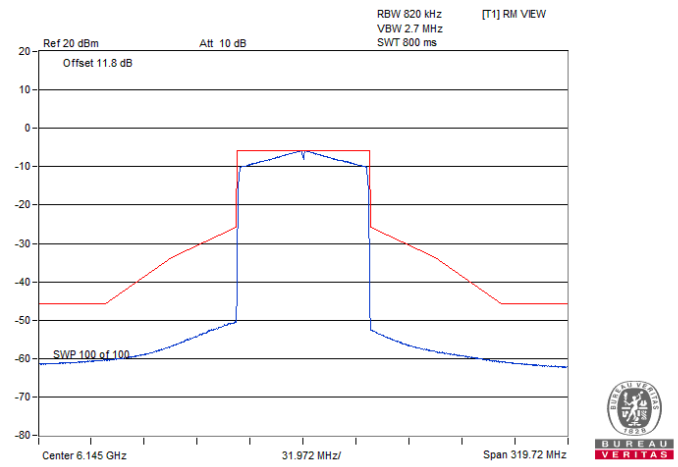
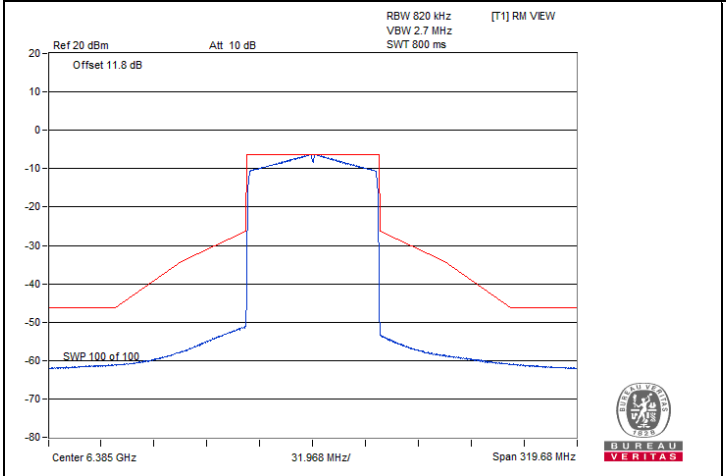
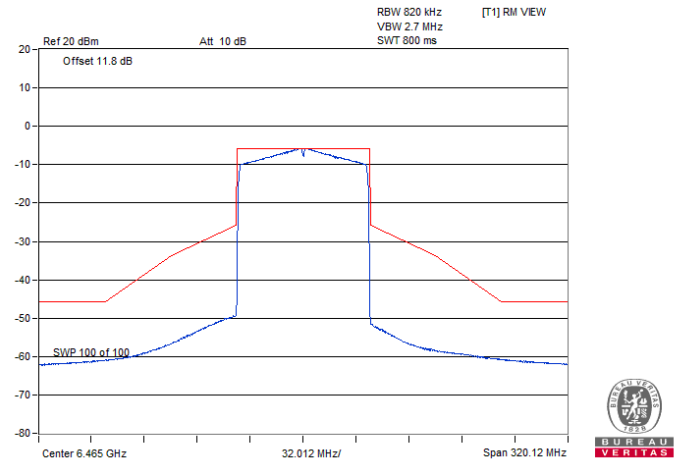
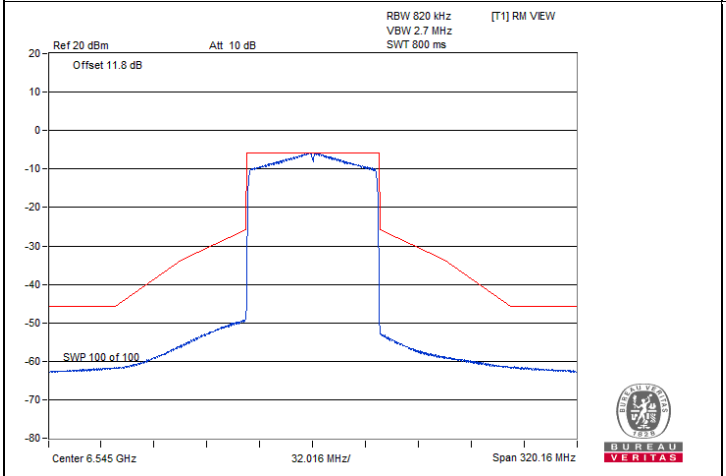
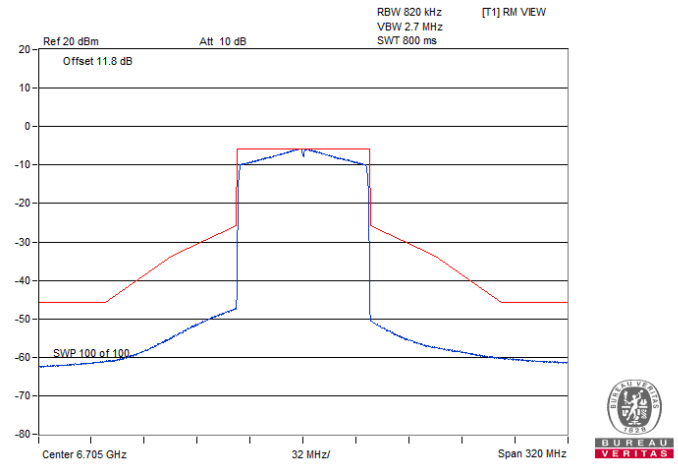


802.11be (EHT40) 1S1T : CH 211

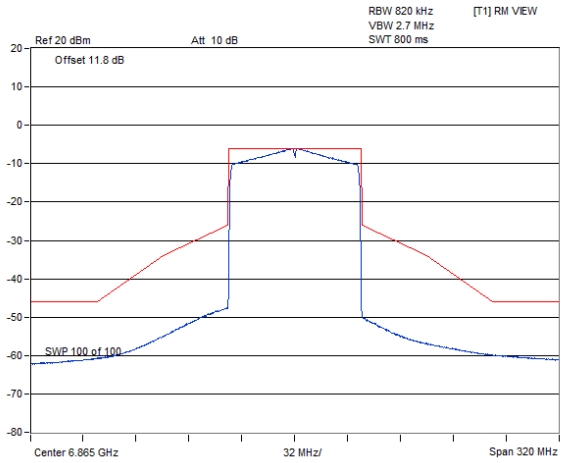


802.11be (EHT40) 1S1T : CH 227

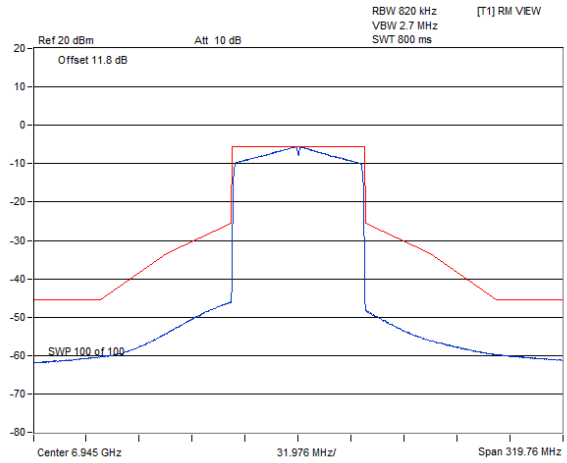
802.11be (EHT80) 1S1T

Spectrum Plot	
	
802.11be (EHT80) 1S1T : CH 7	802.11be (EHT80) 1S1T : CH 39
	
802.11be (EHT80) 1S1T : CH 87	802.11be (EHT80) 1S1T : CH 103
	
802.11be (EHT80) 1S1T : CH 119	802.11be (EHT80) 1S1T : CH 151

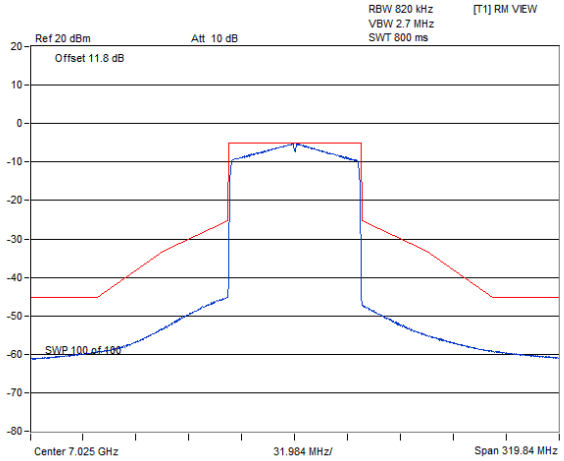
Spectrum Plot



802.11be (EHT80) 1S1T : CH 183

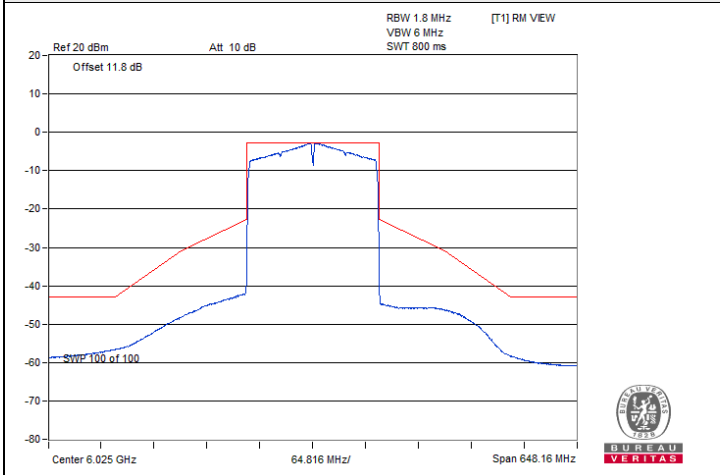
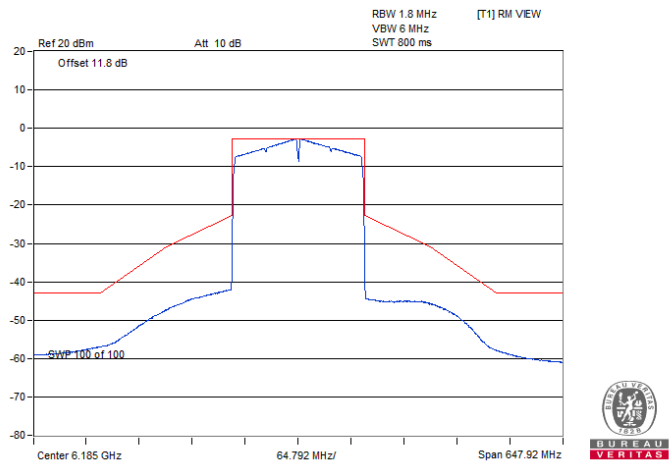
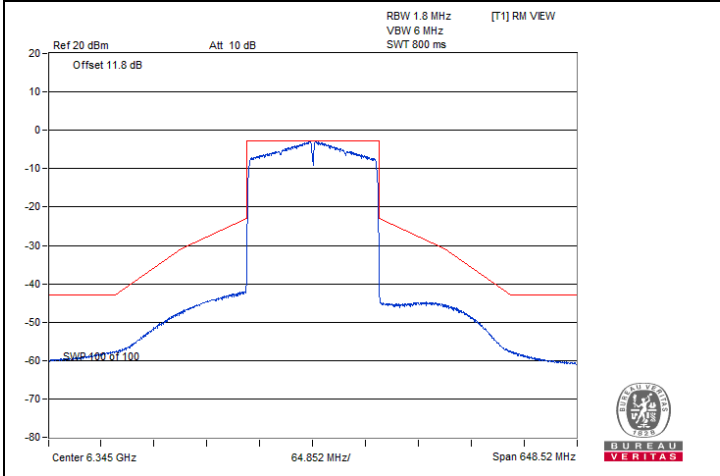
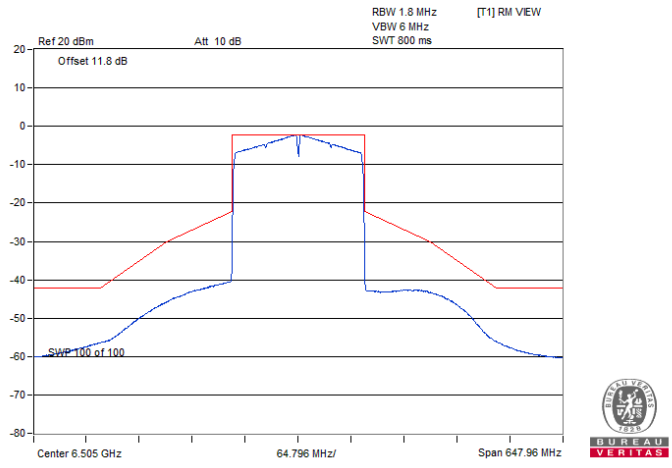
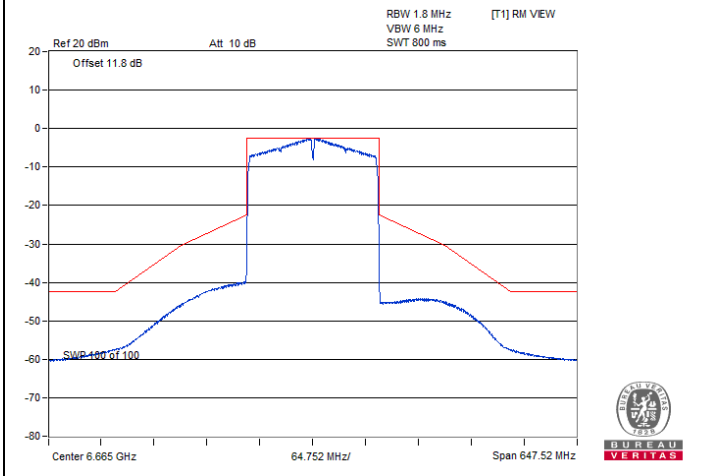
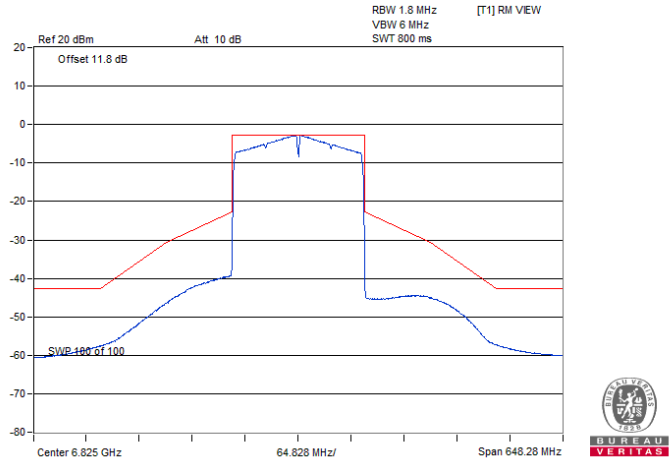


802.11be (EHT80) 1S1T : CH 199

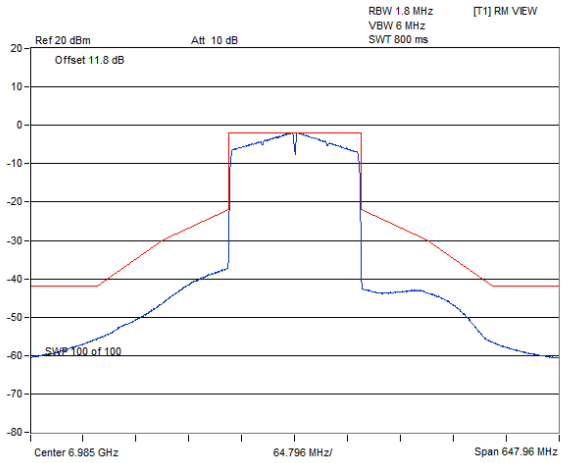


802.11be (EHT80) 1S1T : CH 215

802.11be (EHT160) 1S1T

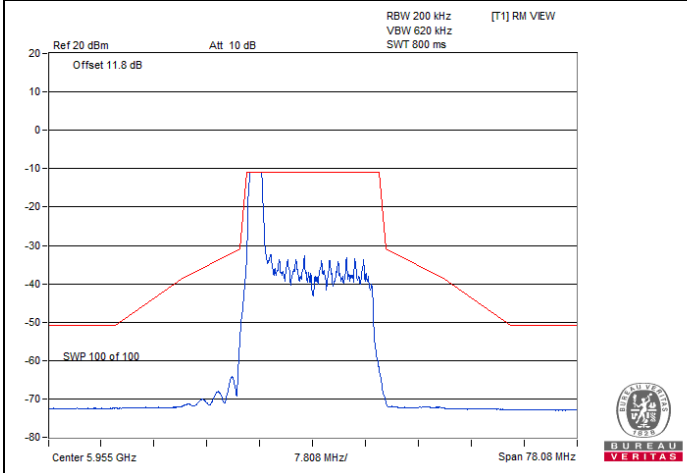
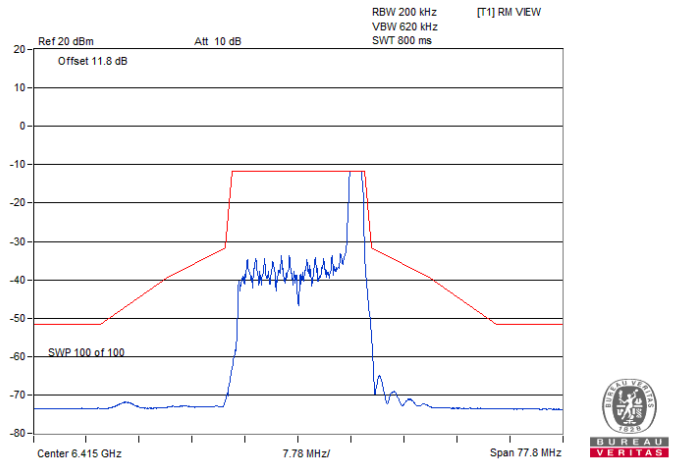
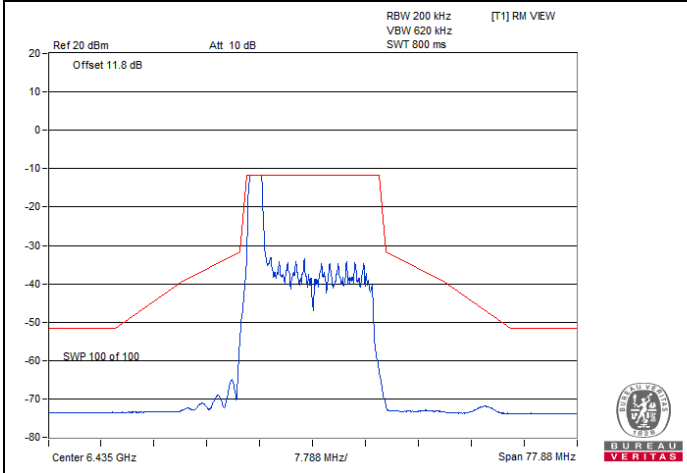
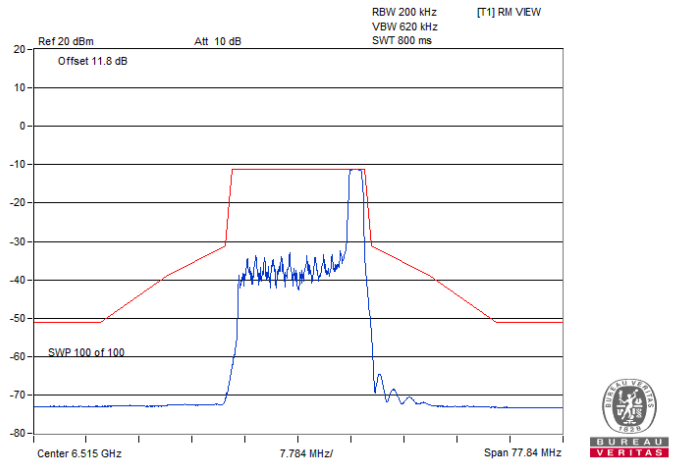
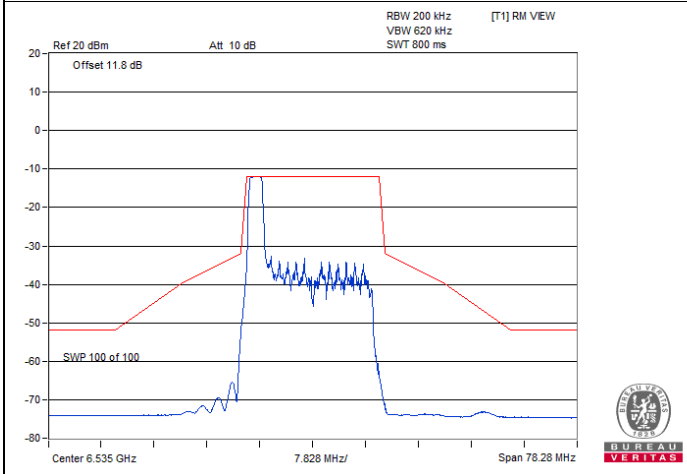
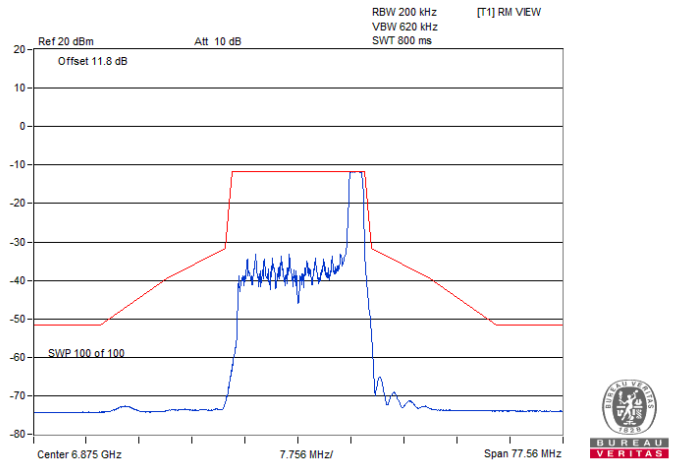
Spectrum Plot	
	
802.11be (EHT160) 1S1T : CH 15	802.11be (EHT160) 1S1T : CH 47
	
802.11be (EHT160) 1S1T : CH 79	802.11be (EHT160) 1S1T : CH 111
	
802.11be (EHT160) 1S1T : CH 143	802.11be (EHT160) 1S1T : CH 175

Spectrum Plot

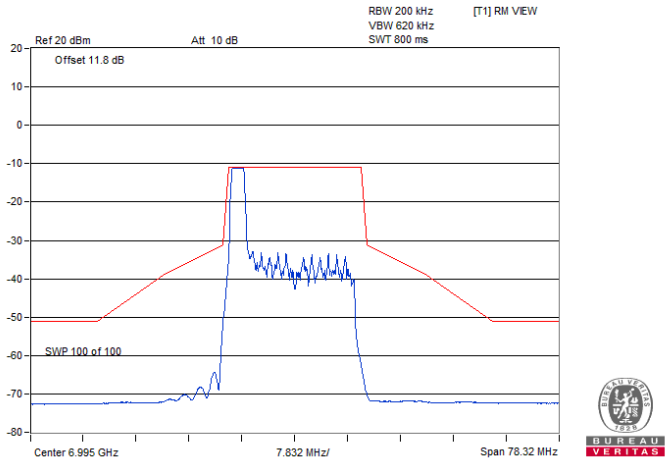


802.11be (EHT160) 1S1T : CH 207

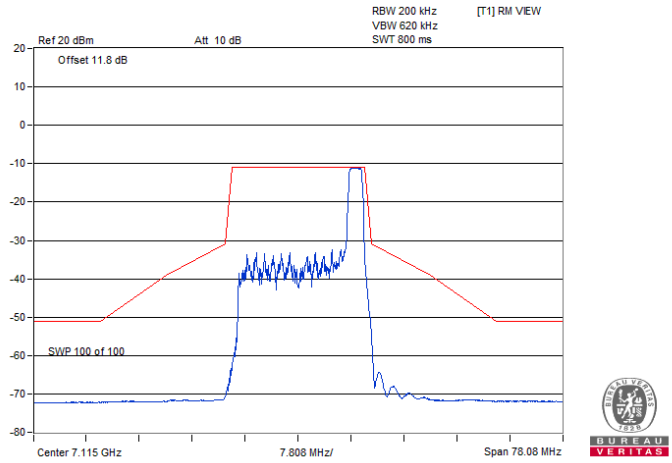
802.11be (EHT20) 26-tone RU 1S1T

Spectrum Plot	
	
802.11be (EHT20) 26-tone RU 1S1T : CH 1@0	802.11be (EHT20) 26-tone RU 1S1T : CH 93@8
	
802.11be (EHT20) 26-tone RU 1S1T : CH 97@0	802.11be (EHT20) 26-tone RU 1S1T : CH 113@8
	
802.11be (EHT20) 26-tone RU 1S1T : CH 117@0	802.11be (EHT20) 26-tone RU 1S1T : CH 185@8

Spectrum Plot

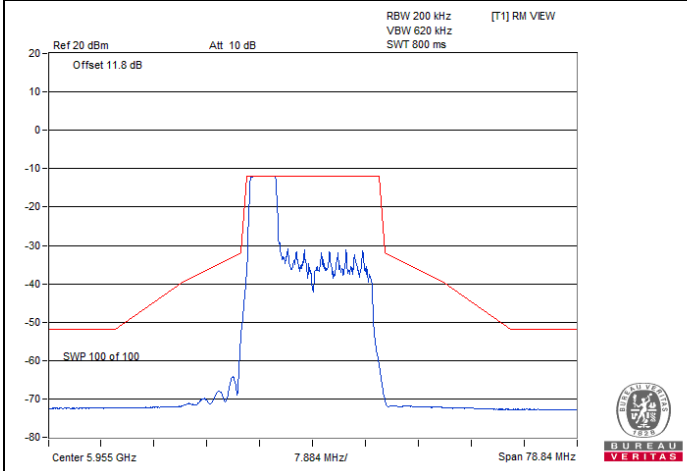
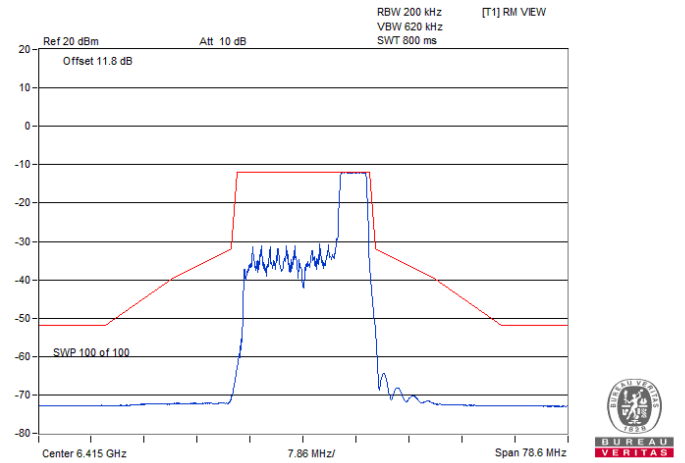
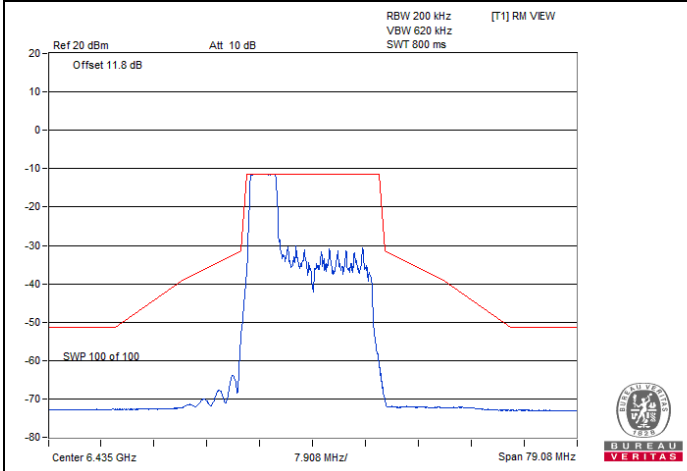
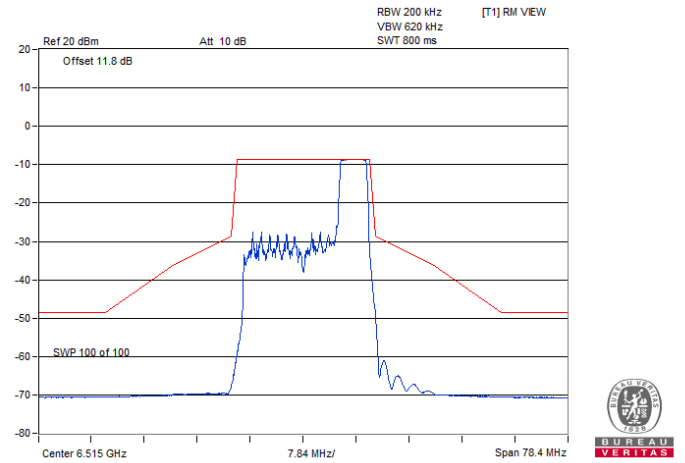
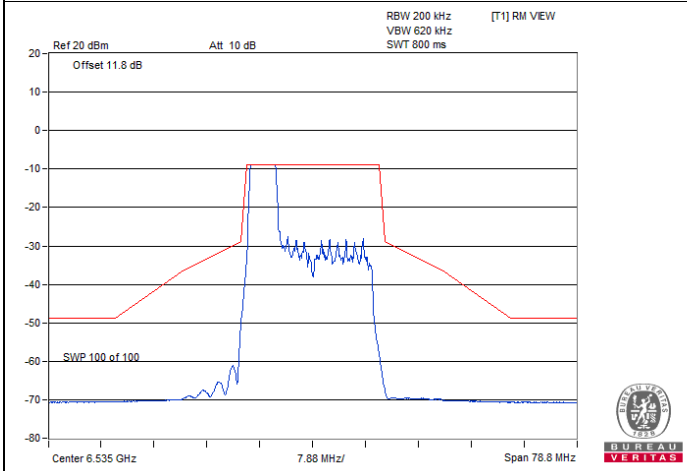
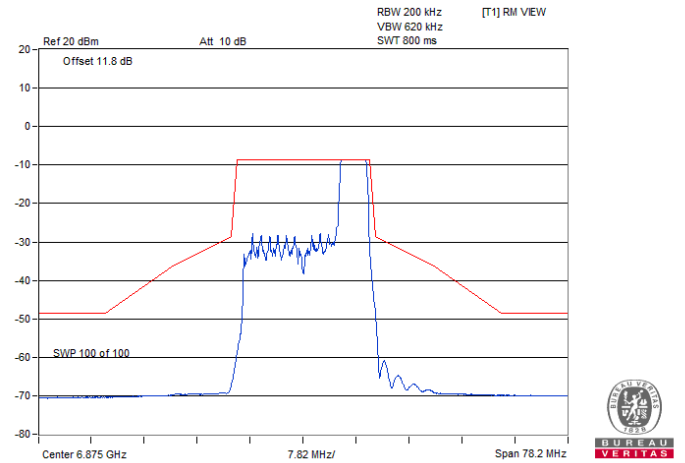


802.11be (EHT20) 26-tone RU 1S1T : CH 209@0

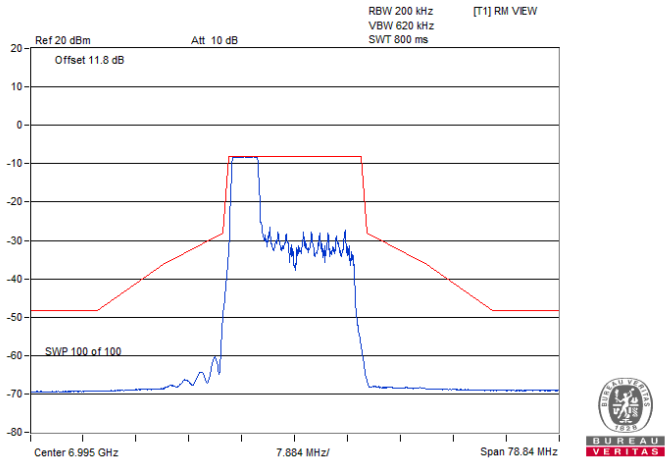


802.11be (EHT20) 26-tone RU 1S1T : CH 233@8

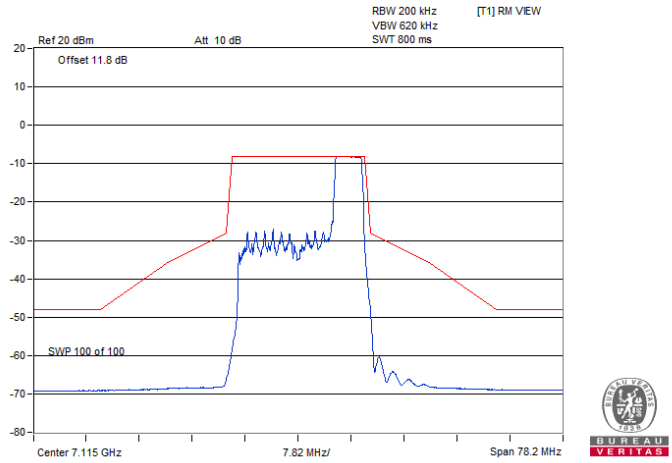
802.11be (EHT20) 52-tone RU 1S1T

Spectrum Plot	
	
802.11be (EHT20) 52-tone RU 1S1T : CH 1@37	802.11be (EHT20) 52-tone RU 1S1T : CH 93@40
	
802.11be (EHT20) 52-tone RU 1S1T : CH 97@37	802.11be (EHT20) 52-tone RU 1S1T : CH 113@40
	
802.11be (EHT20) 52-tone RU 1S1T : CH 117@37	802.11be (EHT20) 52-tone RU 1S1T : CH 185@37

Spectrum Plot

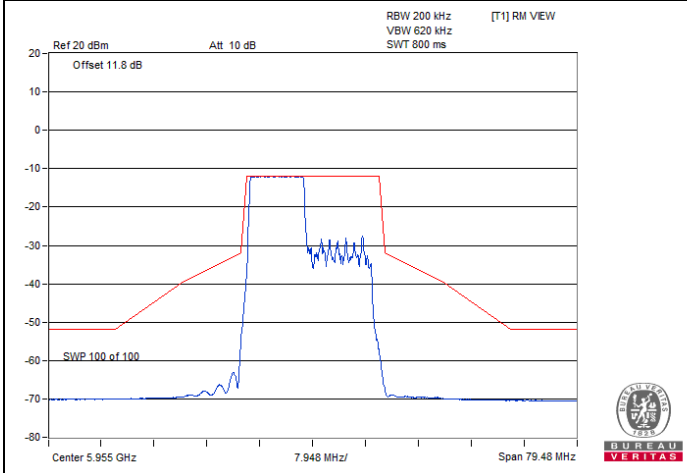
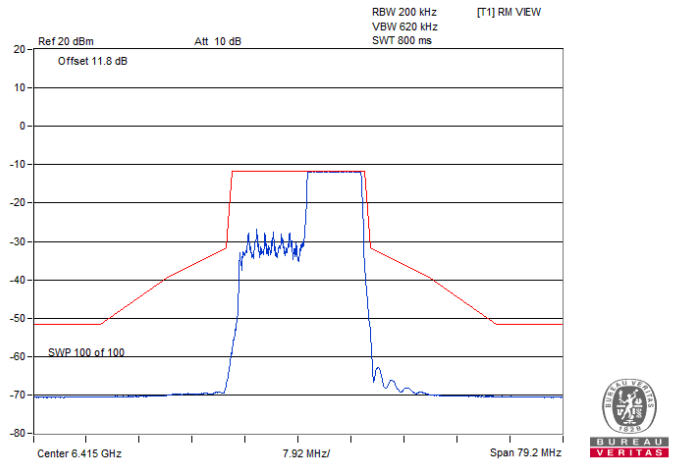
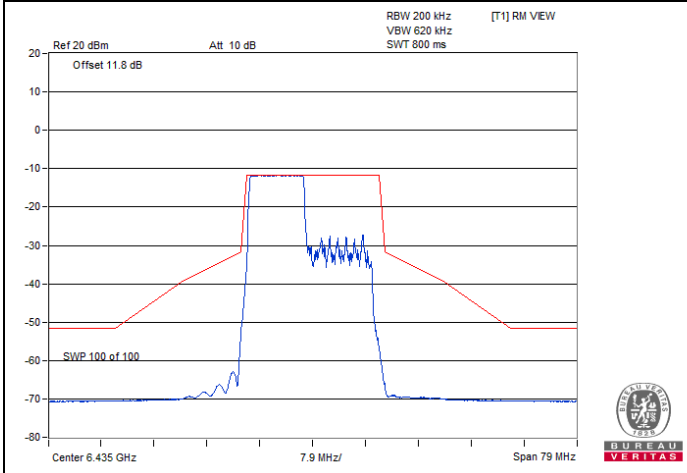
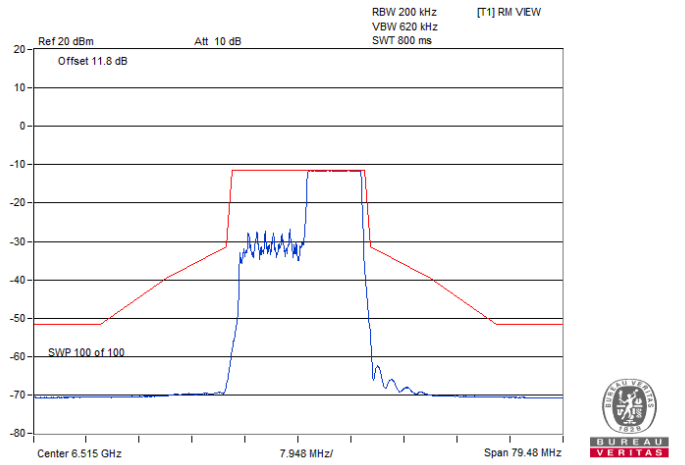
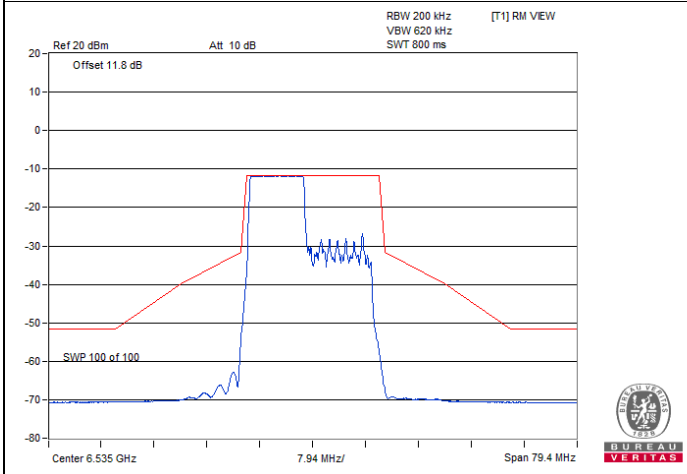
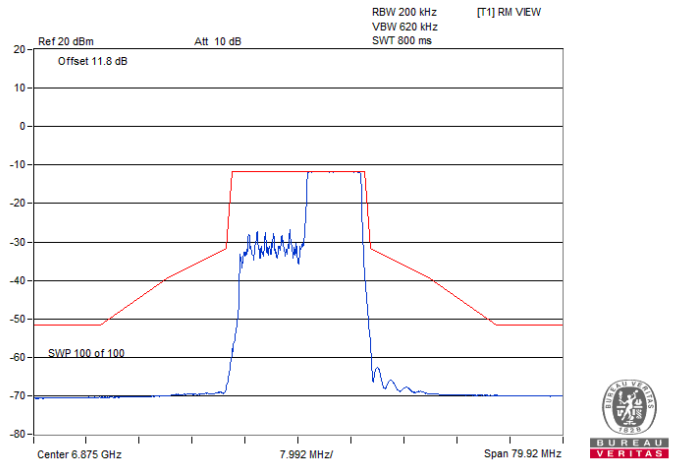


802.11be (EHT20) 52-tone RU 1S1T : CH 209@37

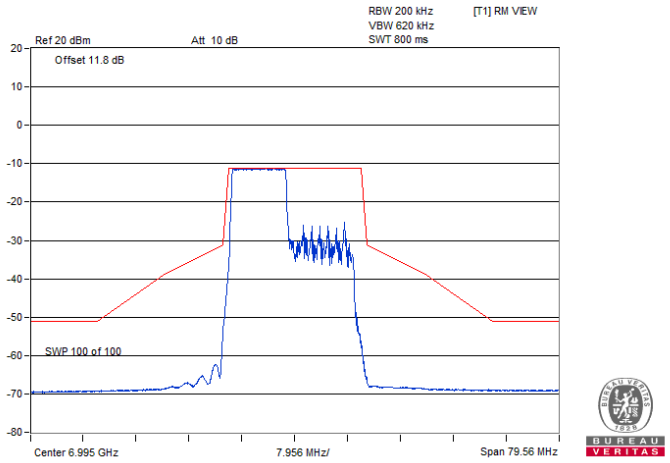


802.11be (EHT20) 52-tone RU 1S1T : CH 233@40

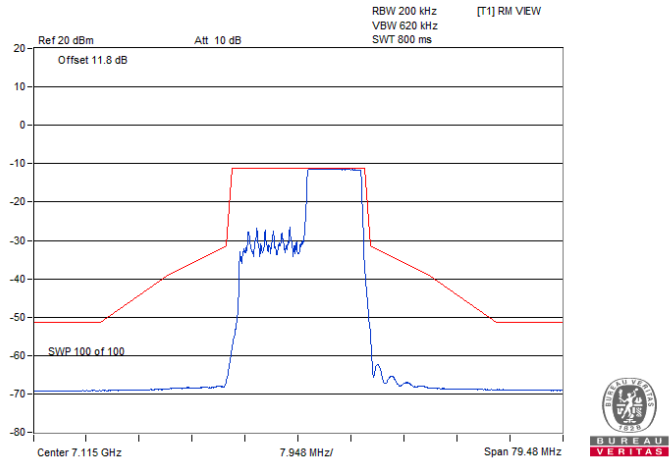
802.11be (EHT20) 106-tone RU 1S1T

Spectrum Plot	
	
802.11be (EHT20) 106-tone RU 1S1T : CH 1@53	802.11be (EHT20) 106-tone RU 1S1T : CH 93@54
	
802.11be (EHT20) 106-tone RU 1S1T : CH 97@53	802.11be (EHT20) 106-tone RU 1S1T : CH 113@54
	
802.11be (EHT20) 106-tone RU 1S1T : CH 117@53	802.11be (EHT20) 106-tone RU 1S1T : CH 185@40

Spectrum Plot

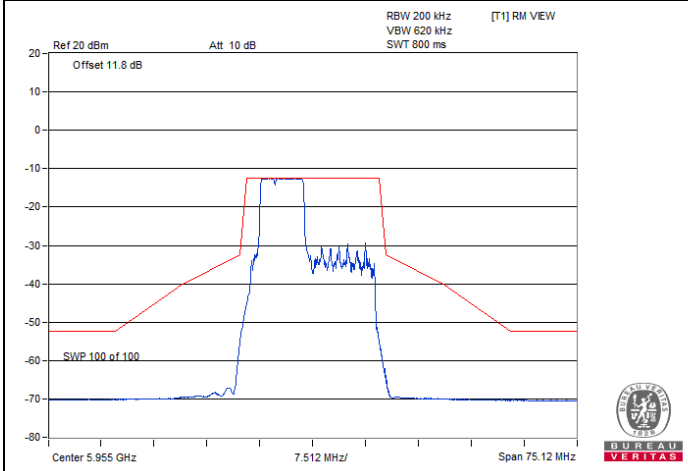
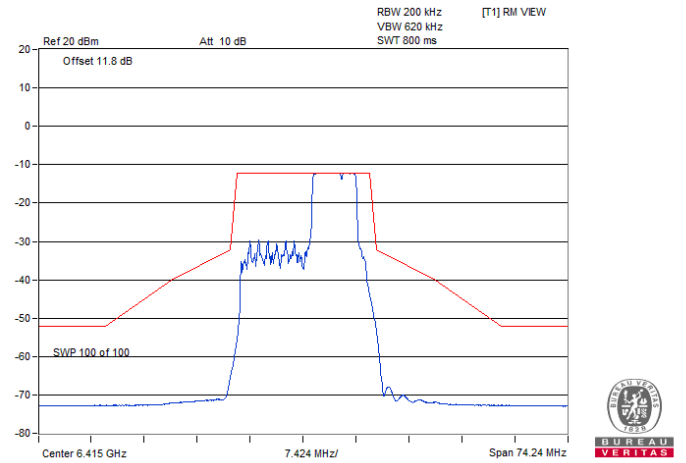
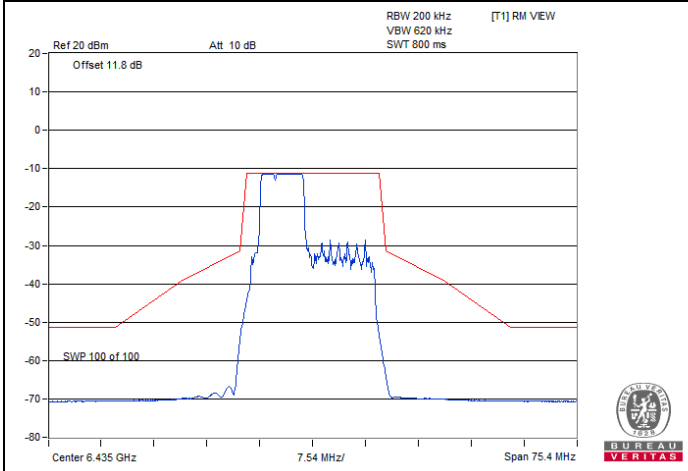
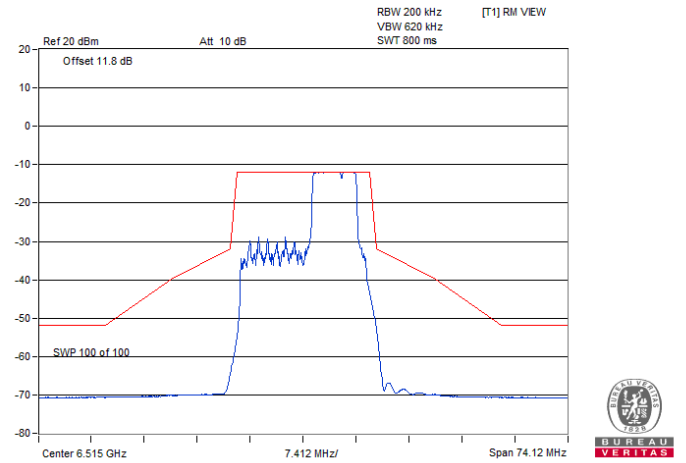
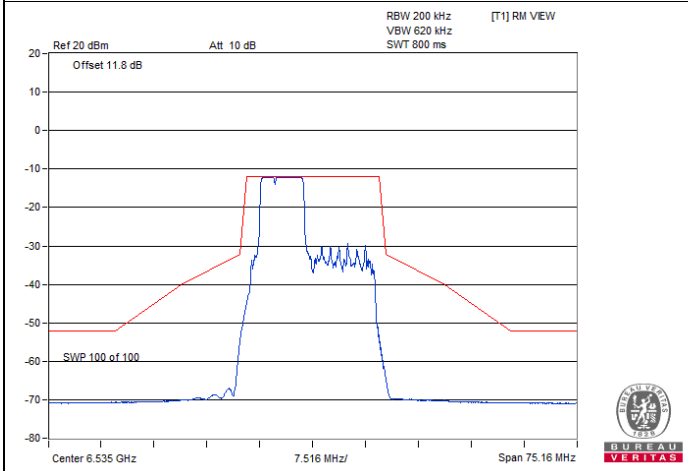
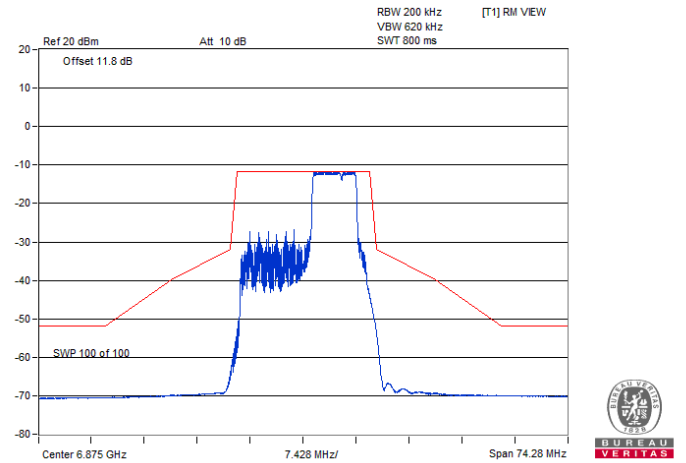


802.11be (EHT20) 106-tone RU 1S1T : CH 209@53

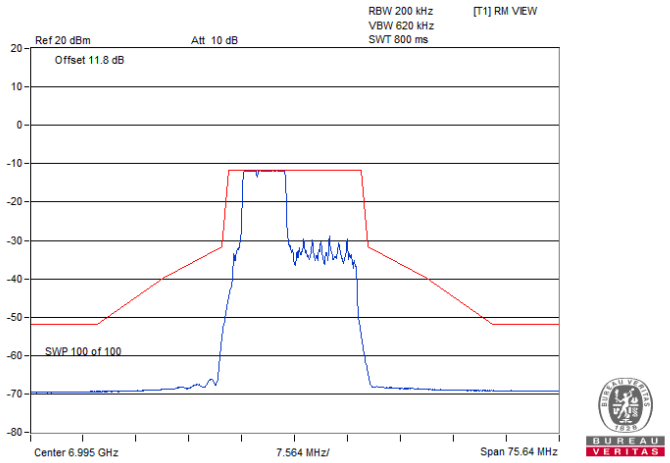


802.11be (EHT20) 106-tone RU 1S1T : CH 233@54

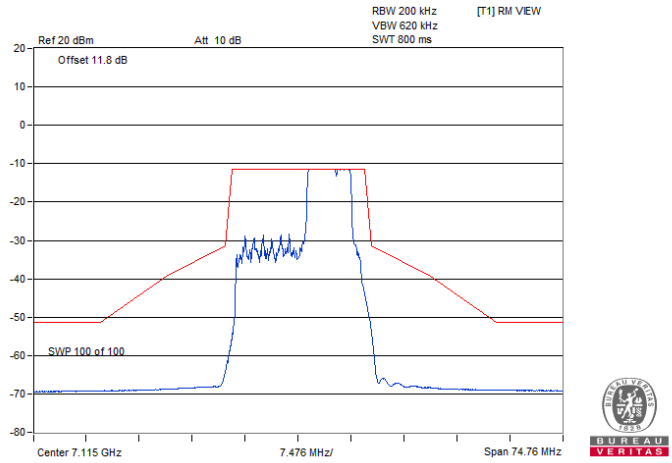
802.11be (EHT20) 52+26-tone MRU 1S1T

Spectrum Plot	
	
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 1@70	802.11be (EHT20) 52+26-tone MRU 1S1T : CH 93@72
	
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 97@70	802.11be (EHT20) 52+26-tone MRU 1S1T : CH 113@72
	
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 117@70	802.11be (EHT20) 52+26-tone MRU 1S1T : CH 185@72

Spectrum Plot

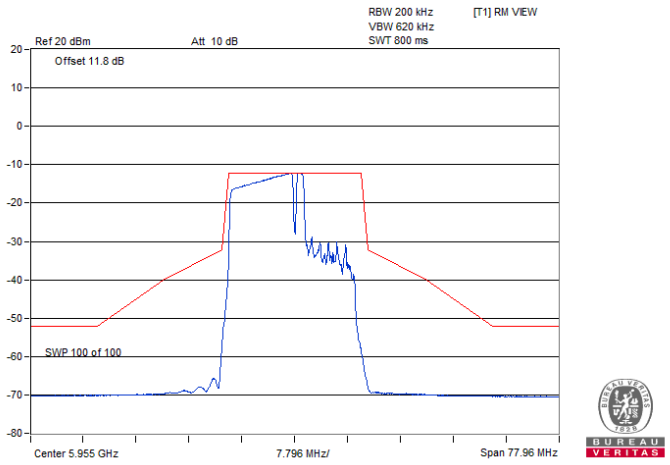
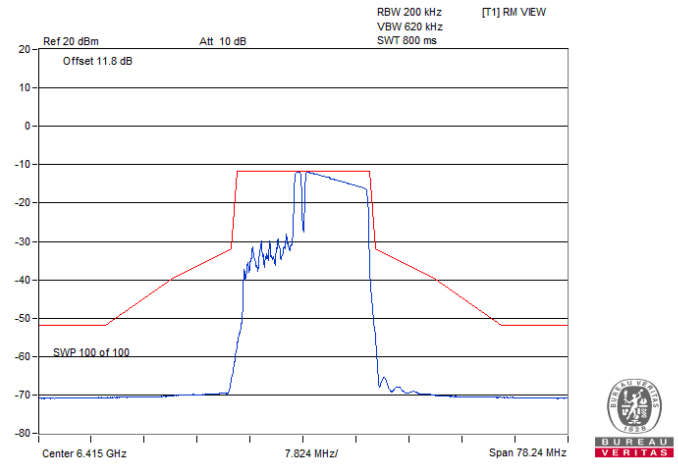
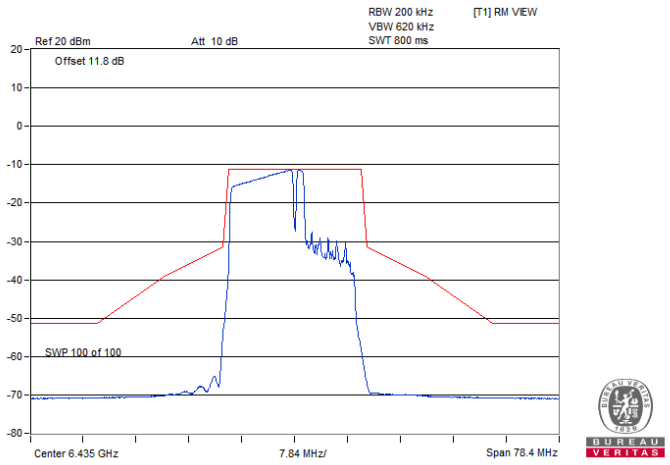
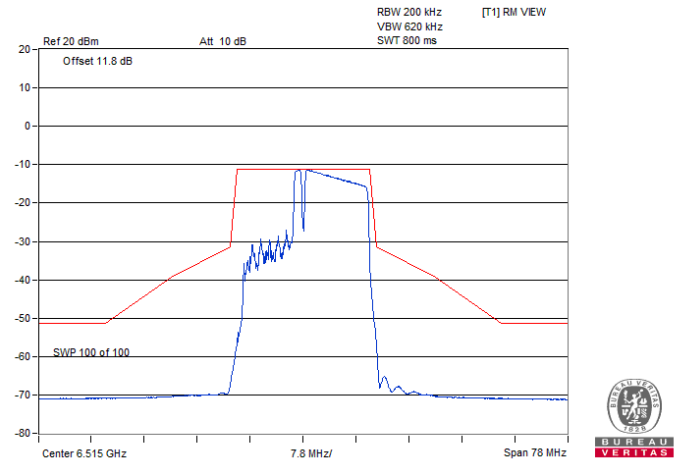
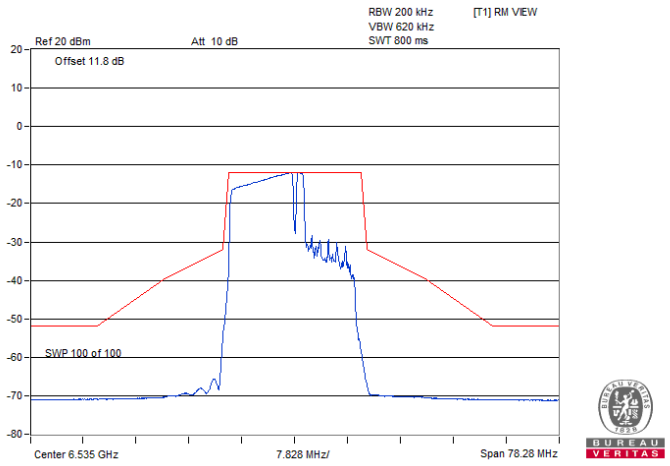
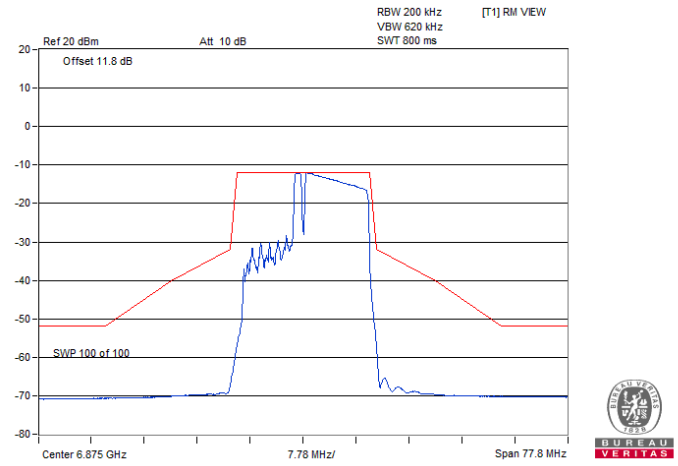


802.11be (EHT20) 52+26-tone MRU 1S1T : CH 209@70

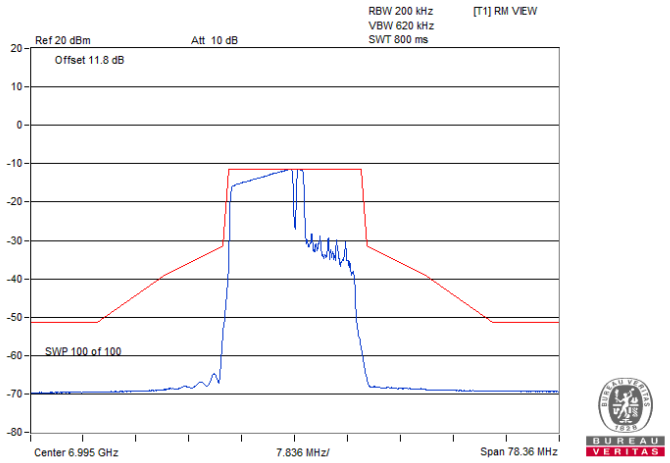


802.11be (EHT20) 52+26-tone MRU 1S1T : CH 233@72

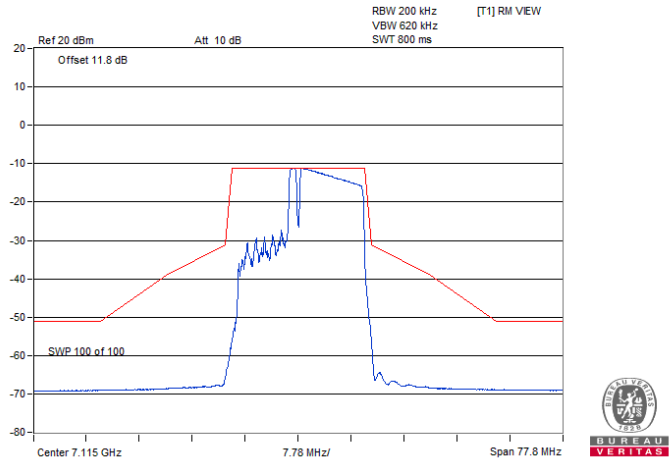
802.11be (EHT20) 106+26-tone MRU 1S1T

Spectrum Plot	
	
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 1@82	802.11be (EHT20) 106+26-tone MRU 1S1T : CH 93@83
	
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 97@82	802.11be (EHT20) 106+26-tone MRU 1S1T : CH 113@83
	
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 117@82	802.11be (EHT20) 106+26-tone MRU 1S1T : CH 185@83

Spectrum Plot

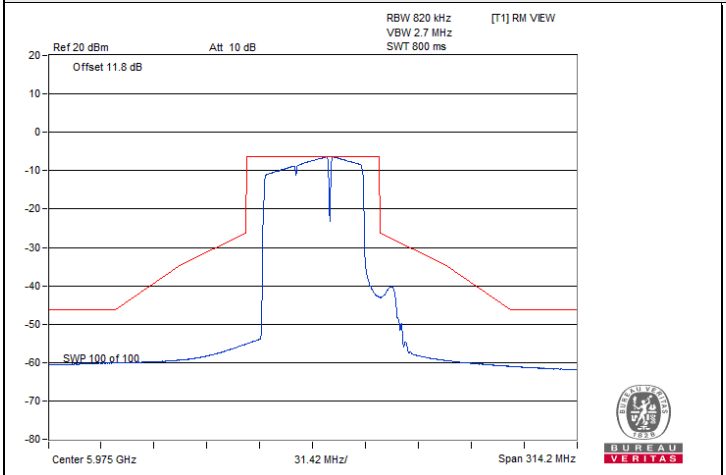
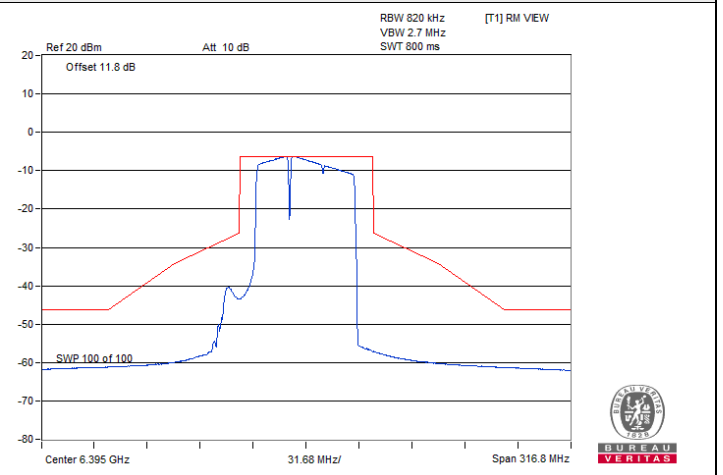
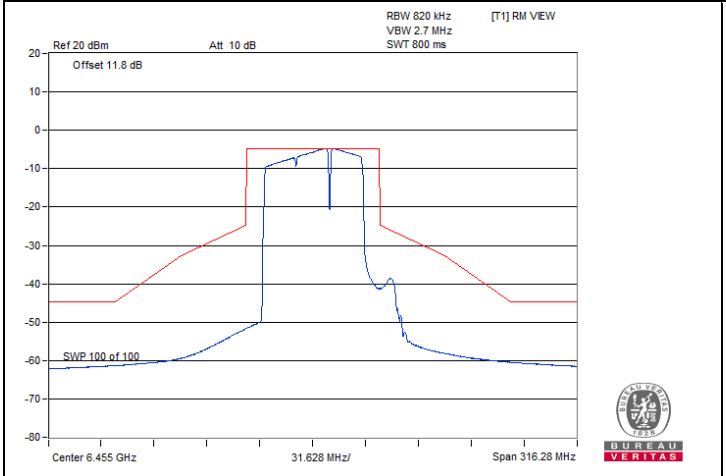
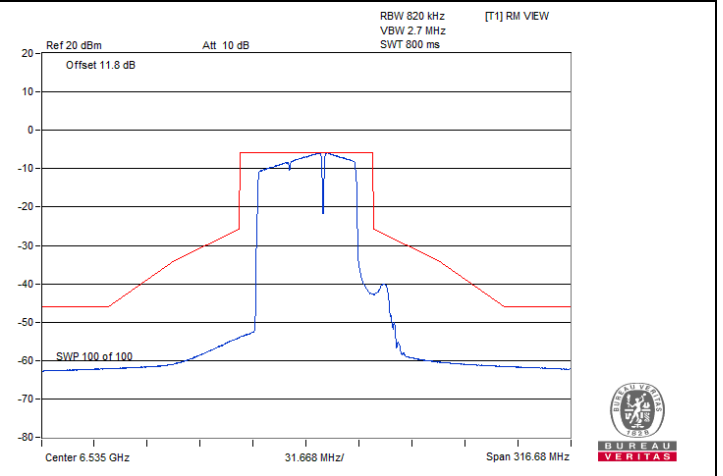
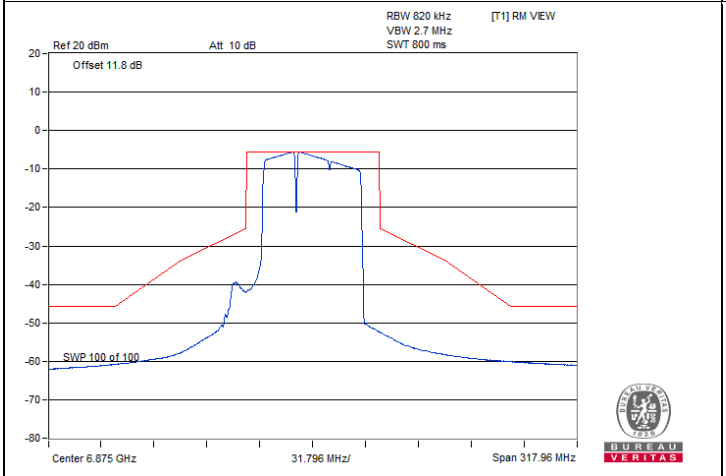
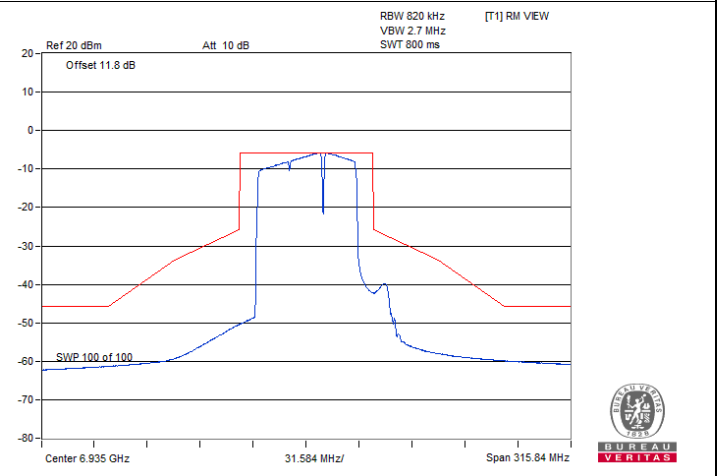


802.11be (EHT20) 106+26-tone MRU 1S1T : CH 209@82

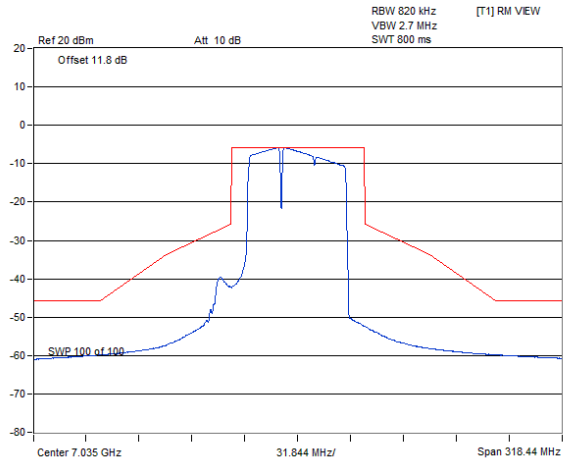


802.11be (EHT20) 106+26-tone MRU 1S1T : CH 233@83

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

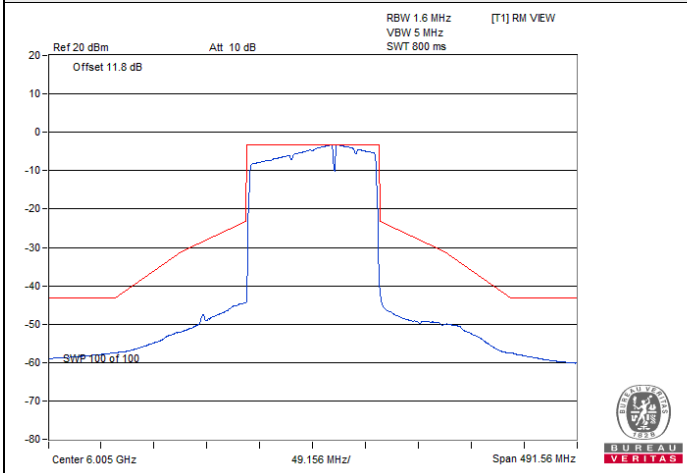
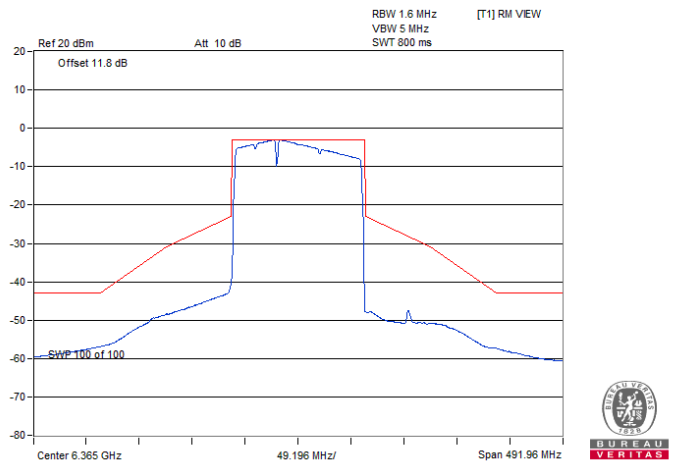
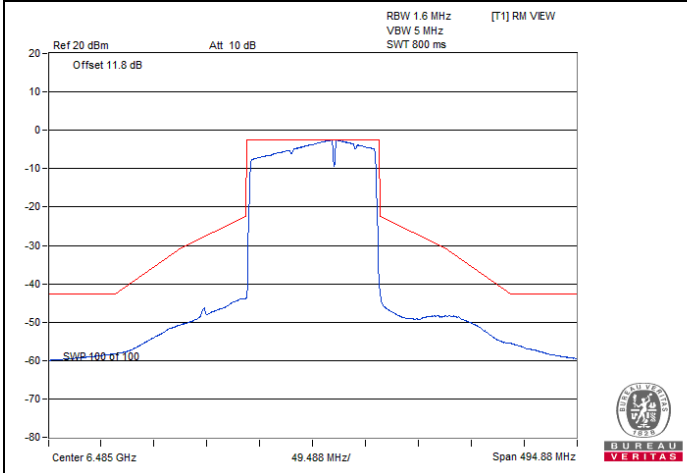
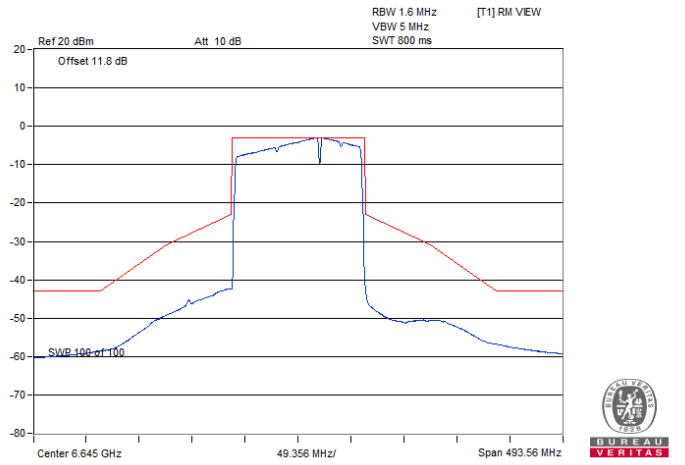
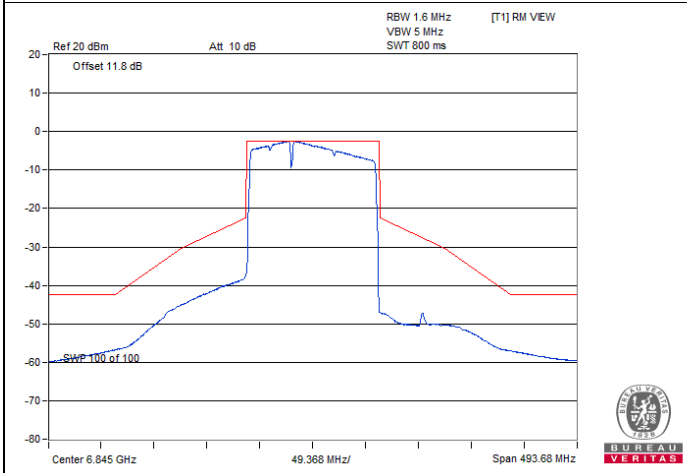
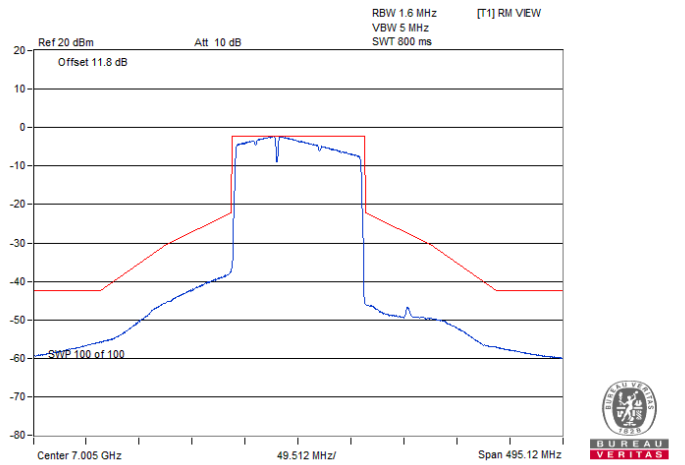
Spectrum Plot	
	
802.11be (EHT80) 484+242-tone MRU 1S1T : CH 7@93	802.11be (EHT80) 484+242-tone MRU 1S1T : CH 87@90
	
802.11be (EHT80) 484+242-tone MRU 1S1T : CH 103@93	802.11be (EHT80) 484+242-tone MRU 1S1T : CH 119@93
	
802.11be (EHT80) 484+242-tone MRU 1S1T : CH 183@90	802.11be (EHT80) 484+242-tone MRU 1S1T : CH 199@93

Spectrum Plot

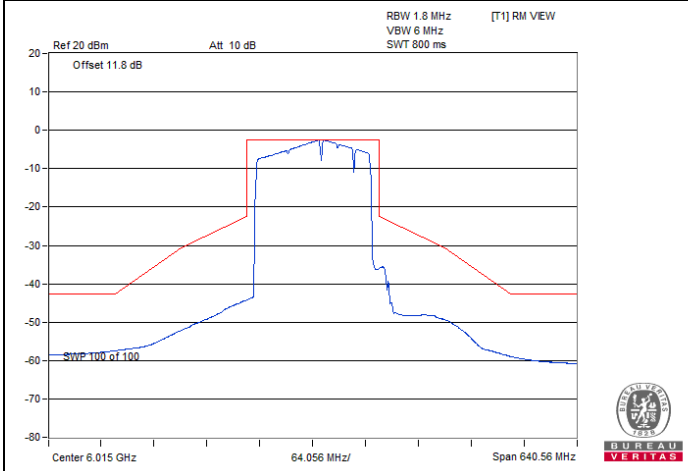
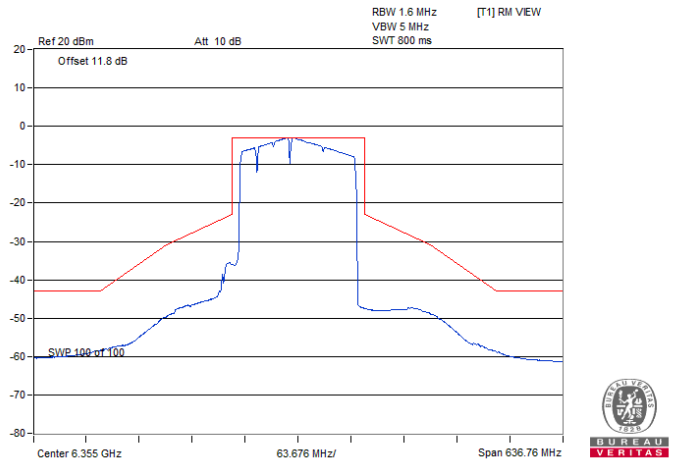
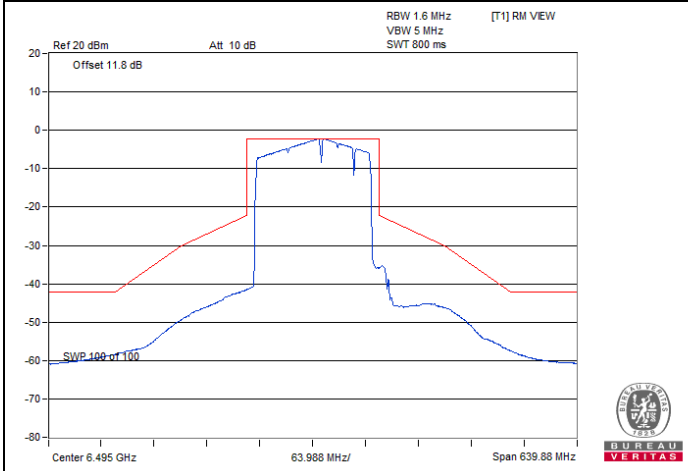
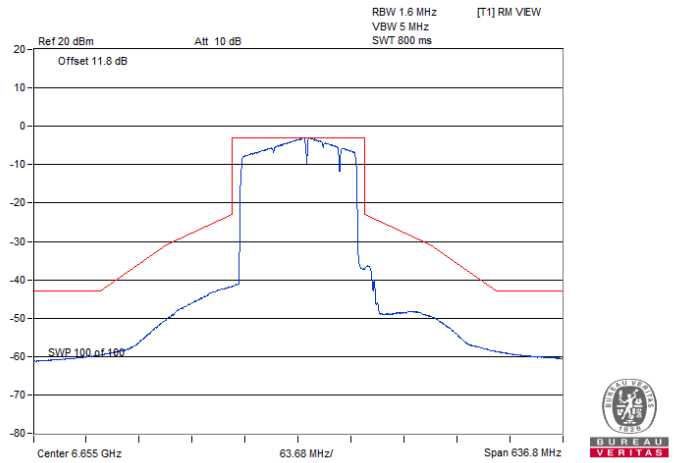
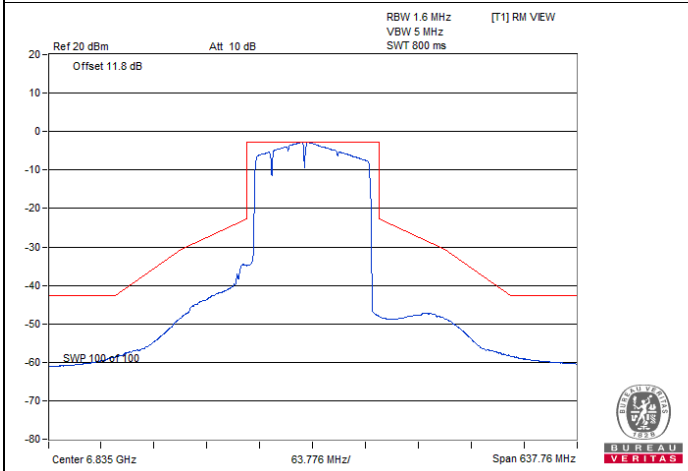
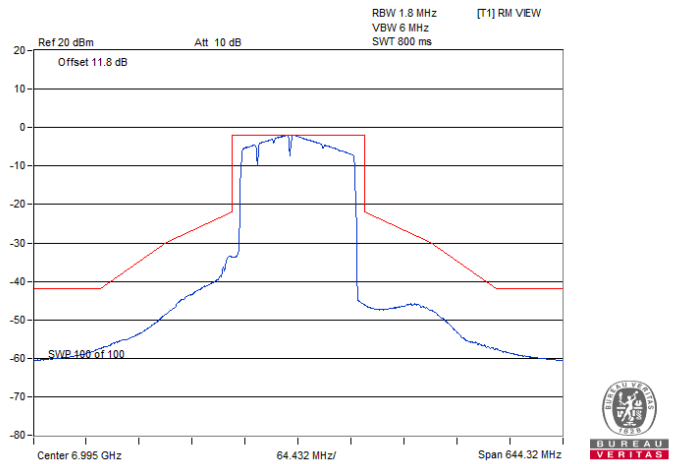


802.11be (EHT80) 484+242-tone MRU 1S1T : CH 215@90

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

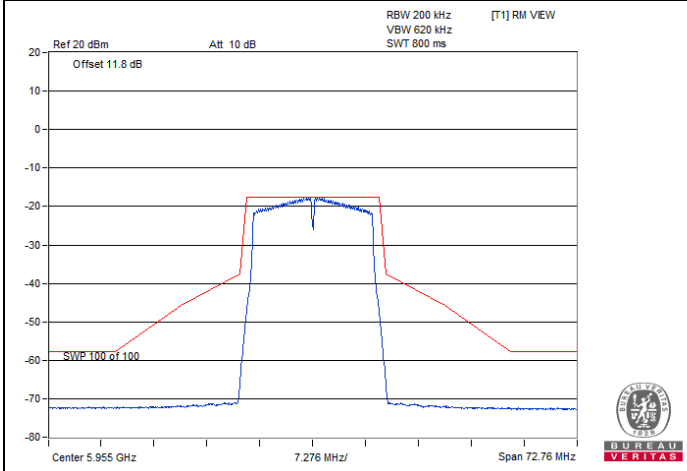
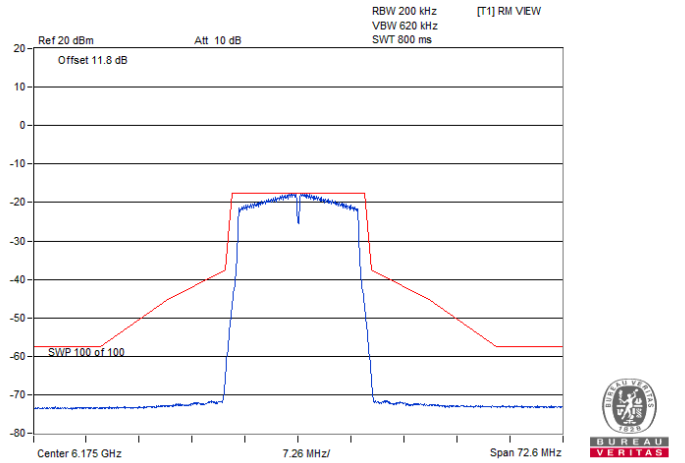
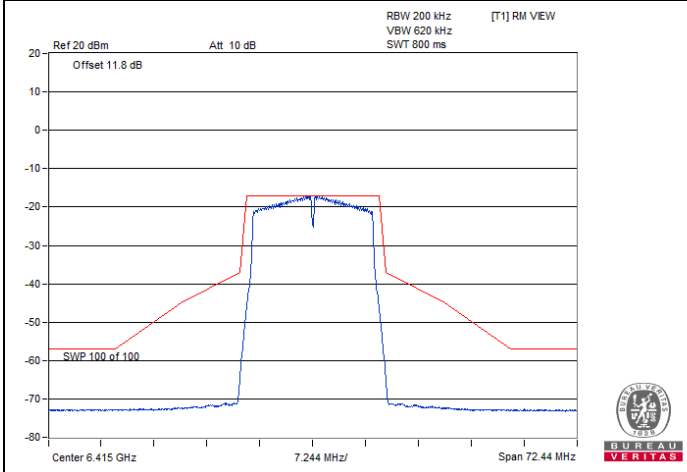
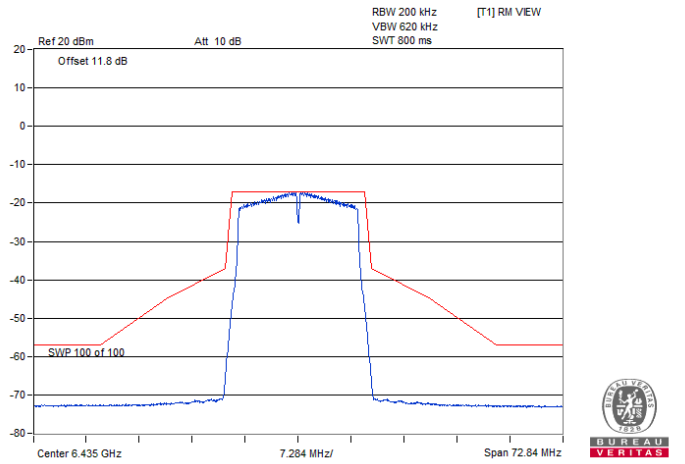
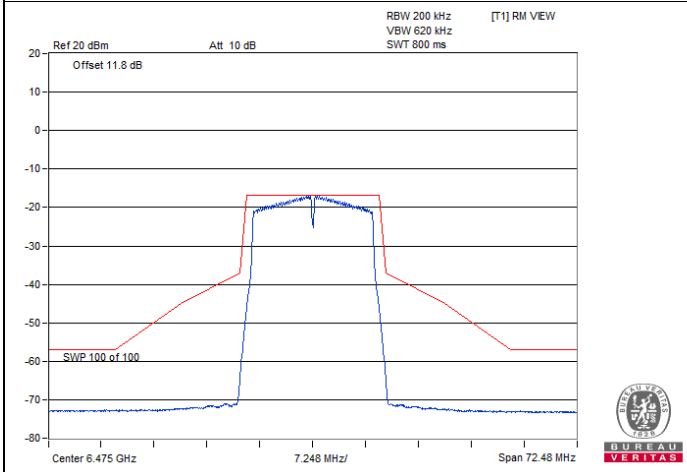
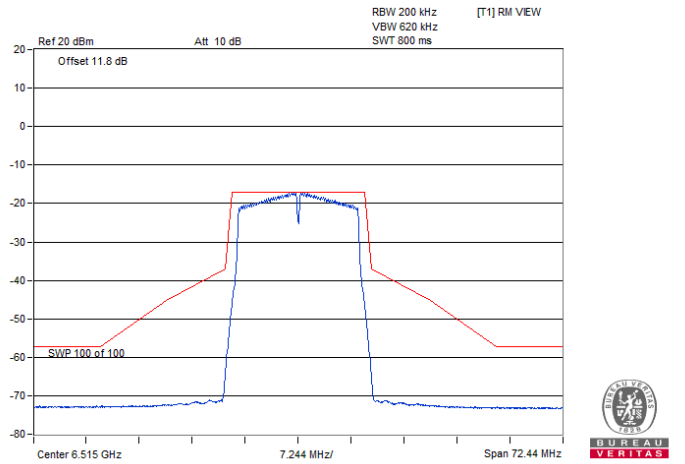
Spectrum Plot	
	
802.11be (EHT160) 996+484-tone MRU 1S1T : CH 15@95-1	802.11be (EHT160) 996+484-tone MRU 1S1T : CH 79@94-0
	
802.11be (EHT160) 996+484-tone MRU 1S1T : CH 111@95-1	802.11be (EHT160) 996+484-tone MRU 1S1T : CH 143@95-1
	
802.11be (EHT160) 996+484-tone MRU 1S1T : CH 175@94-0	802.11be (EHT160) 996+484-tone MRU 1S1T : CH 207@94-0

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

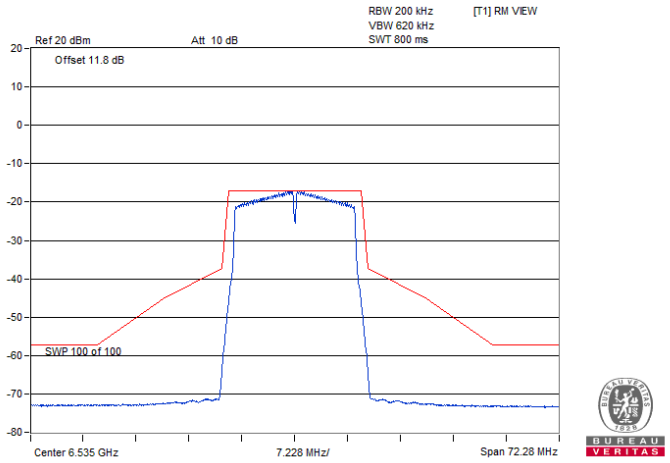
Spectrum Plot	
	
802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 15@99-1	802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 79@96-0
	
802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 111@99-1	802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 143@99-1
	
802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 175@96-0	802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 207@96-0

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	John Peng

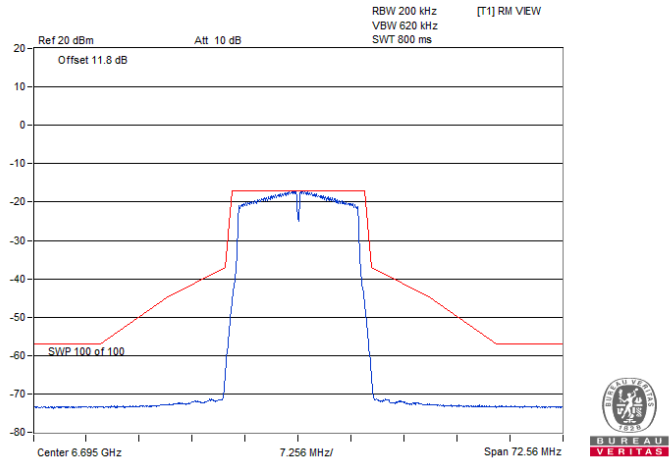
802.11a 2TX

Spectrum Plot	
	
802.11a 2TX / Chain 0 : CH 1	802.11a 2TX / Chain 0 : CH 45
	
802.11a 2TX / Chain 0 : CH 93	802.11a 2TX / Chain 0 : CH 97
	
802.11a 2TX / Chain 0 : CH 105	802.11a 2TX / Chain 0 : CH 113

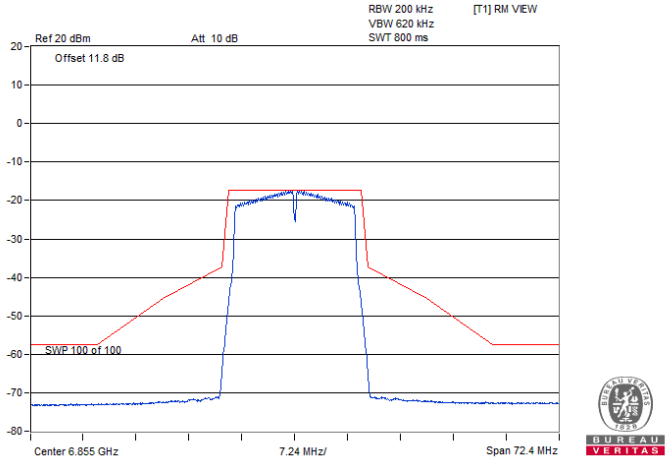
Spectrum Plot



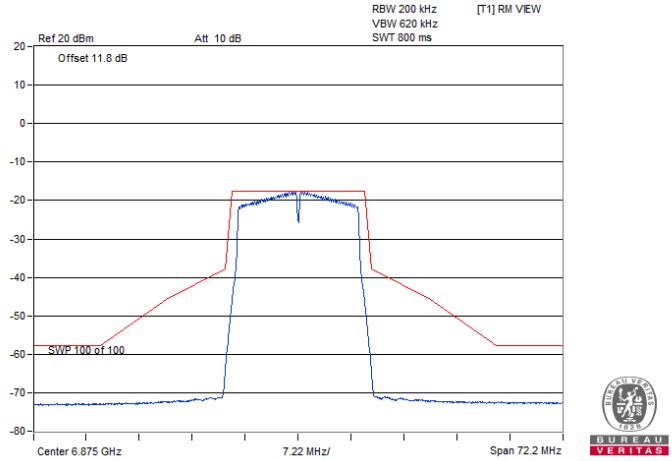
802.11a 2TX / Chain 0 : CH 117



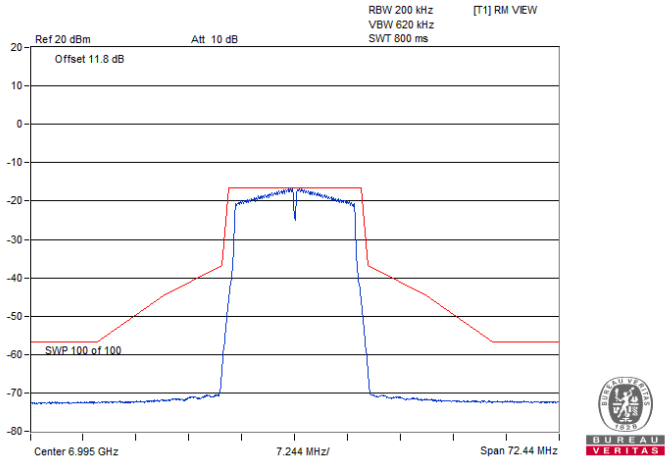
802.11a 2TX / Chain 0 : CH 149



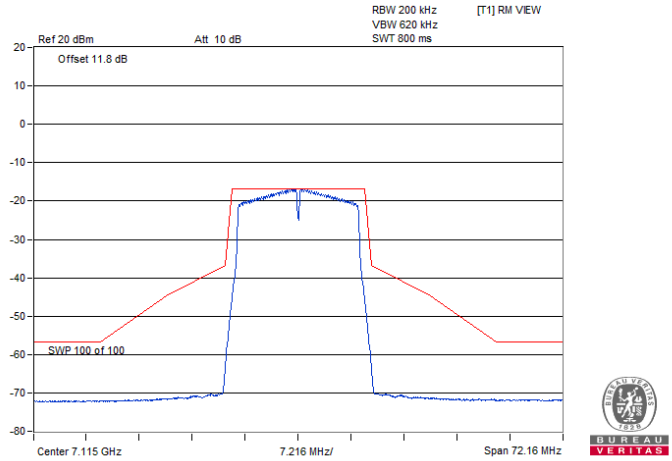
802.11a 2TX / Chain 0 : CH 181



802.11a 2TX / Chain 0 : CH 185

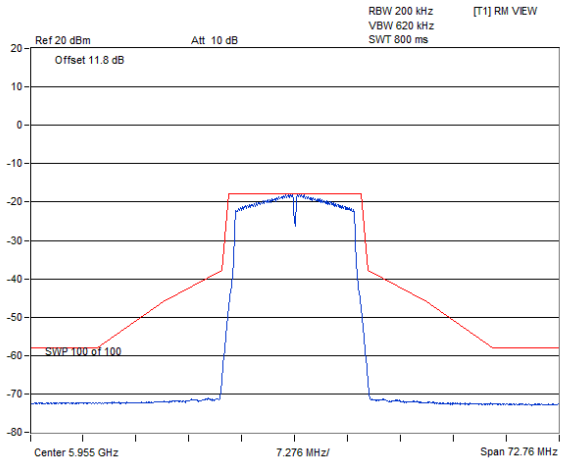


802.11a 2TX / Chain 0 : CH 209

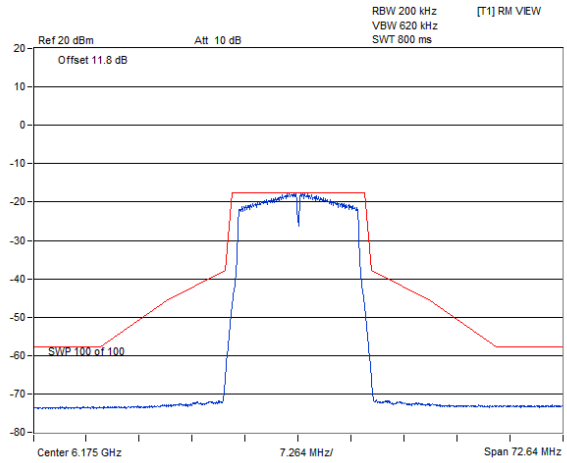


802.11a 2TX / Chain 0 : CH 233

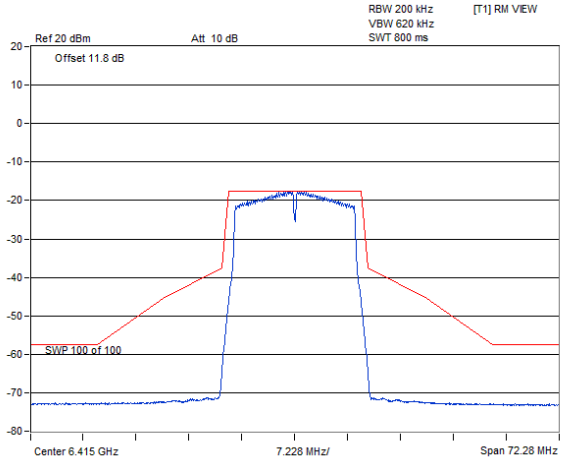
Spectrum Plot



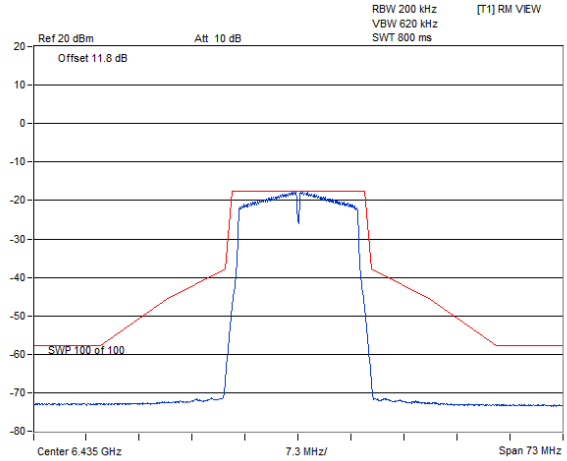
802.11a 2TX / Chain 1 : CH 1



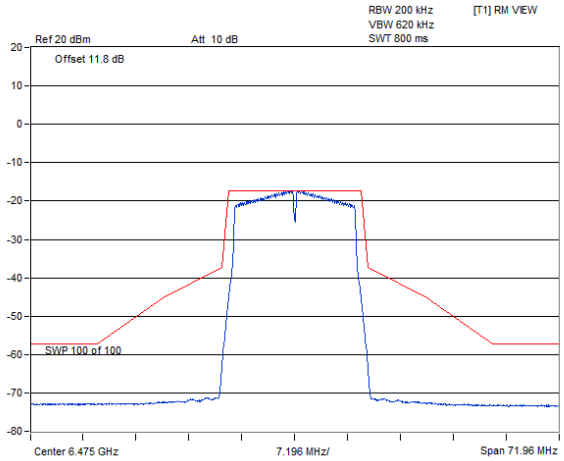
802.11a 2TX / Chain 1 : CH 45



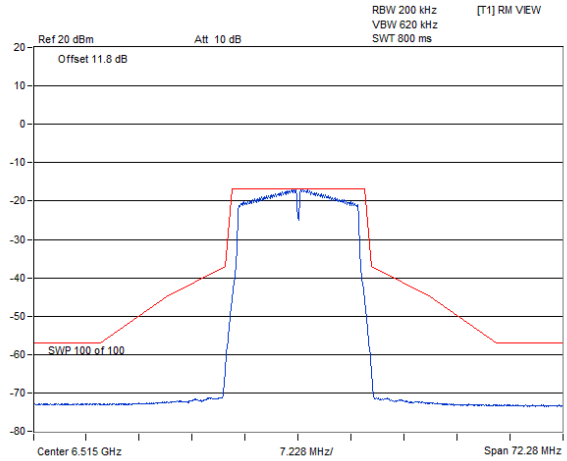
802.11a 2TX / Chain 1 : CH 93



802.11a 2TX / Chain 1 : CH 97

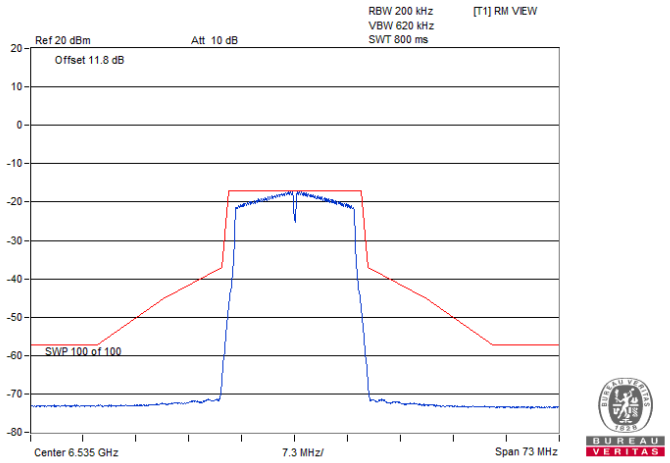


802.11a 2TX / Chain 1 : CH 105

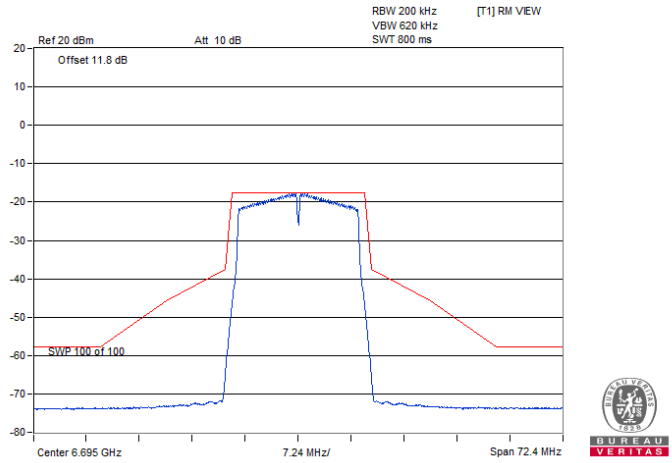


802.11a 2TX / Chain 1 : CH 113

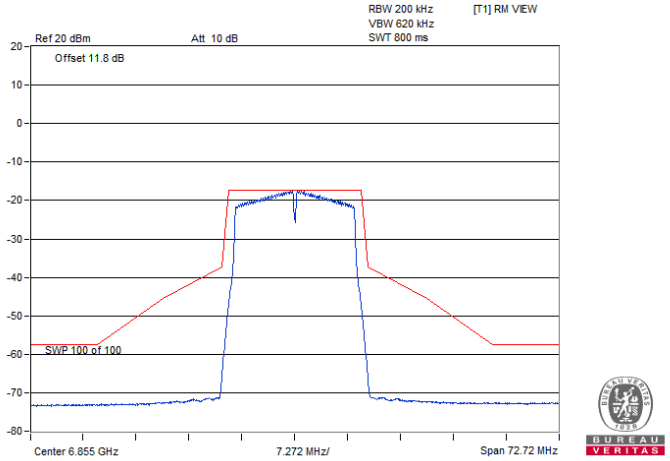
Spectrum Plot



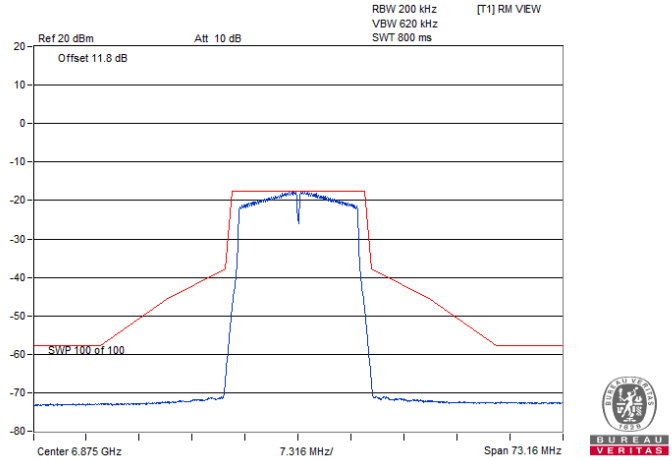
802.11a 2TX / Chain 1 : CH 117



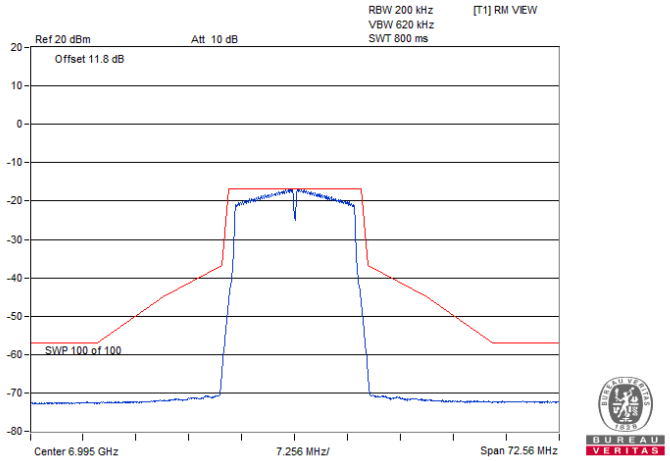
802.11a 2TX / Chain 1 : CH 149



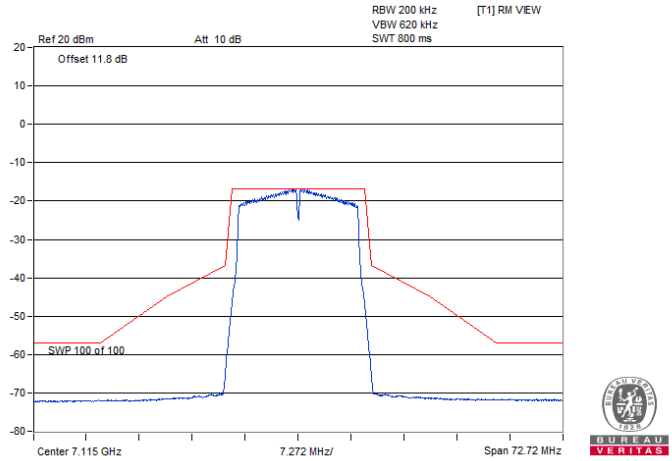
802.11a 2TX / Chain 1 : CH 181



802.11a 2TX / Chain 1 : CH 185

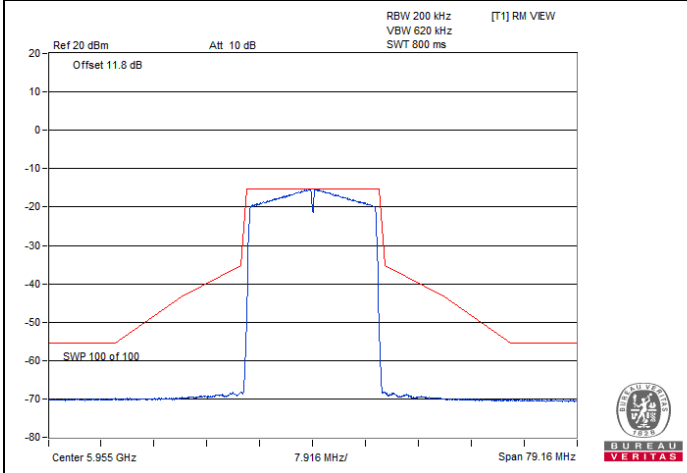
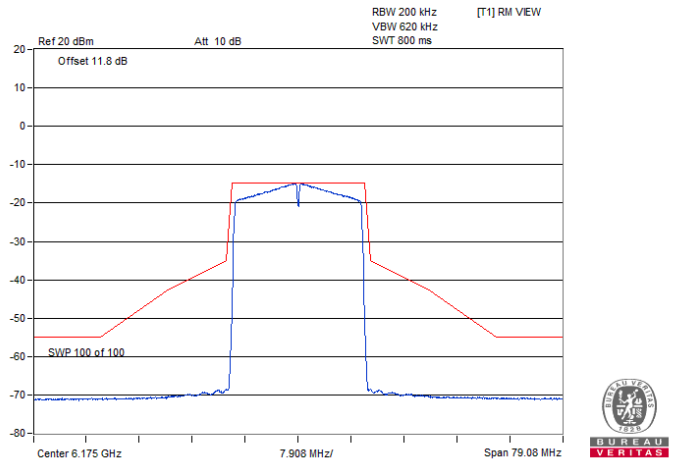
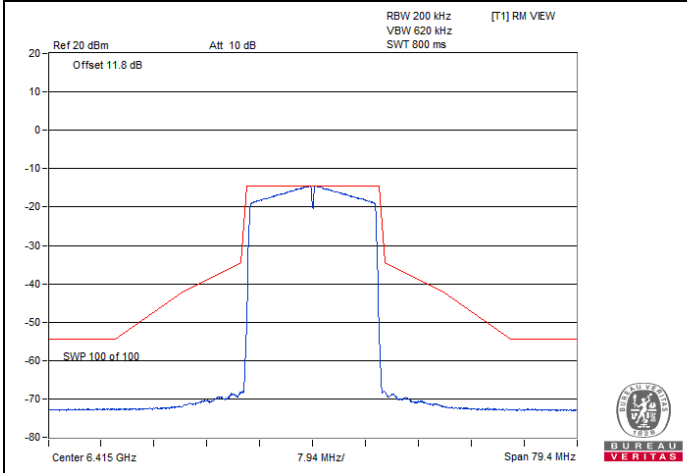
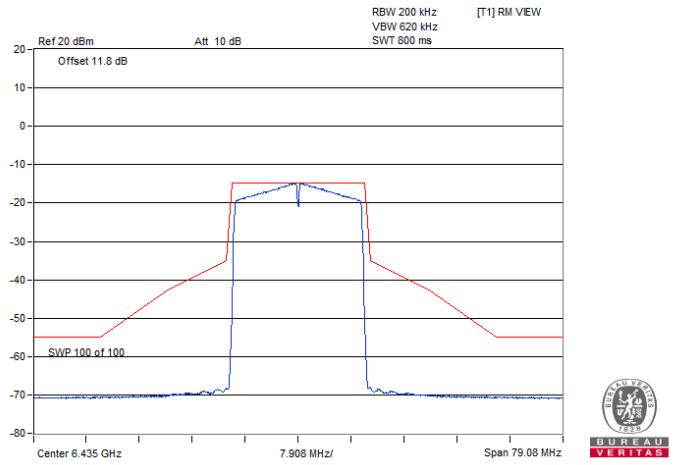
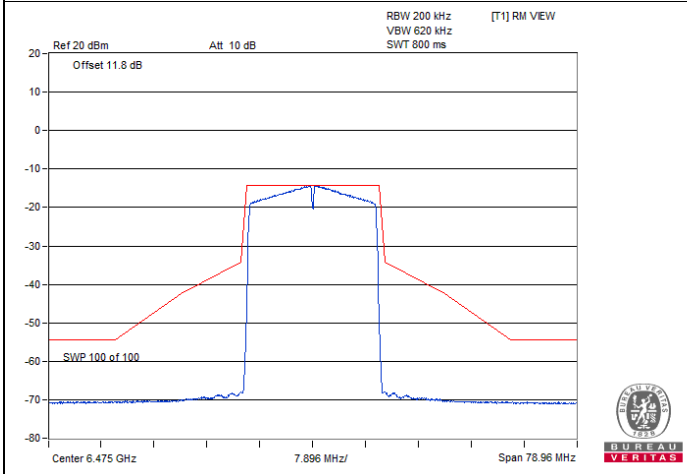
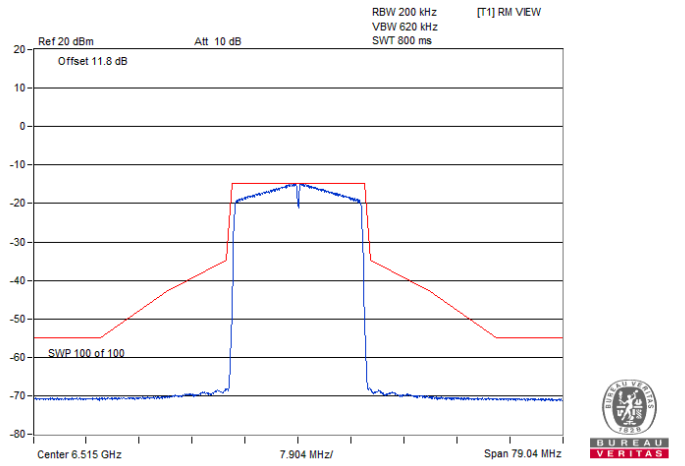


802.11a 2TX / Chain 1 : CH 209

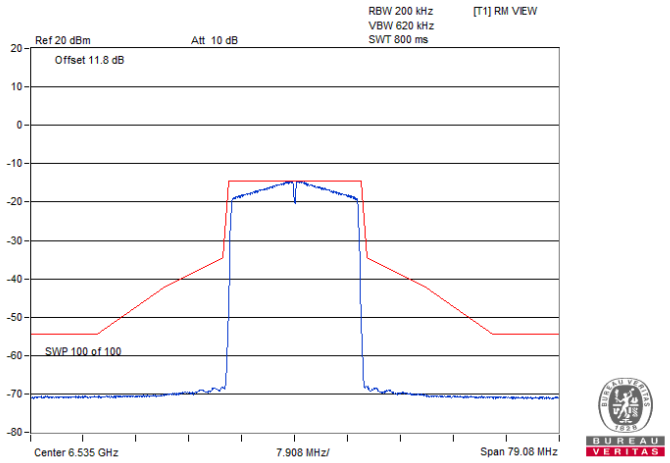


802.11a 2TX / Chain 1 : CH 233

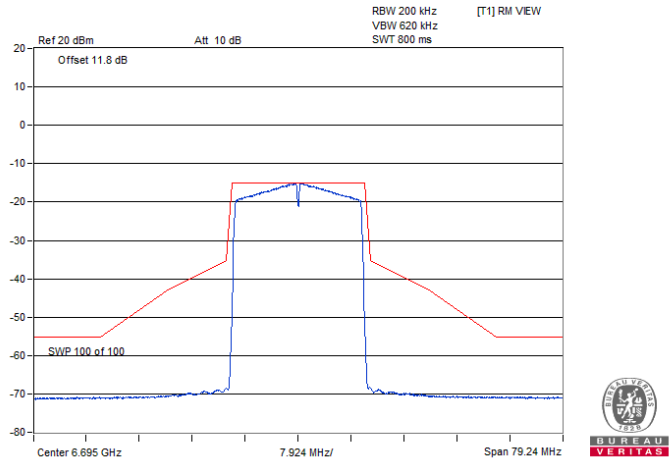
802.11be (EHT20) 2S2T

Spectrum Plot	
	
802.11be (EHT20) 2S2T / Chain 0 : CH 1	802.11be (EHT20) 2S2T / Chain 0 : CH 45
	
802.11be (EHT20) 2S2T / Chain 0 : CH 93	802.11be (EHT20) 2S2T / Chain 0 : CH 97
	
802.11be (EHT20) 2S2T / Chain 0 : CH 105	802.11be (EHT20) 2S2T / Chain 0 : CH 113

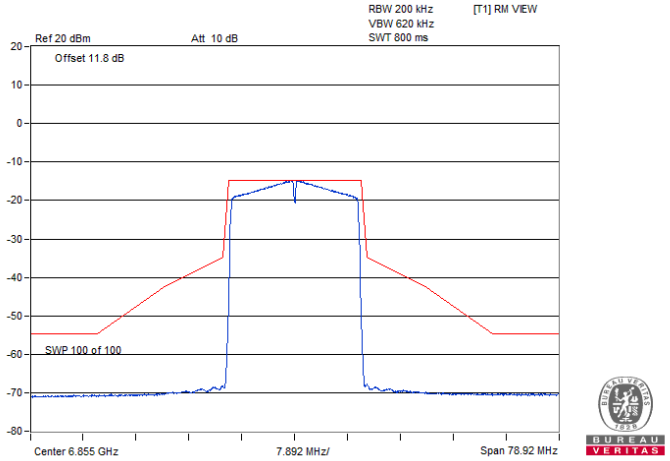
Spectrum Plot



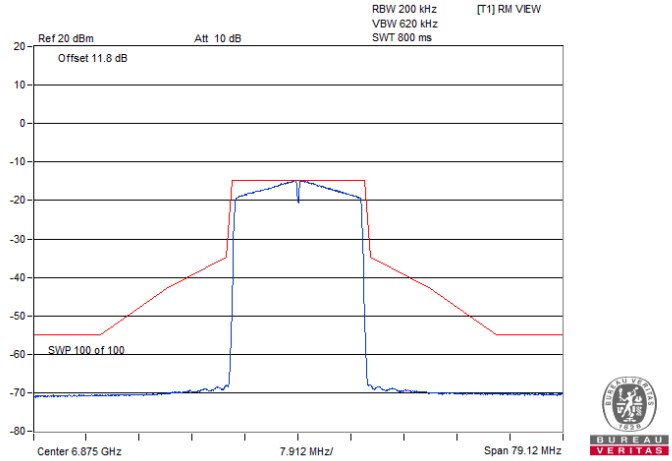
802.11be (EHT20) 2S2T / Chain 0 : CH 117



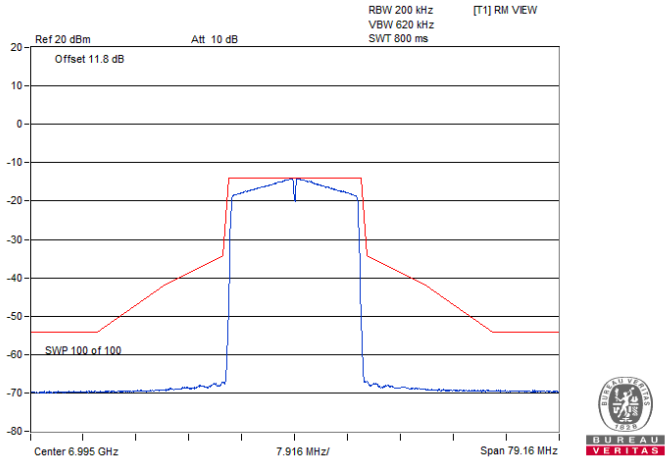
802.11be (EHT20) 2S2T / Chain 0 : CH 149



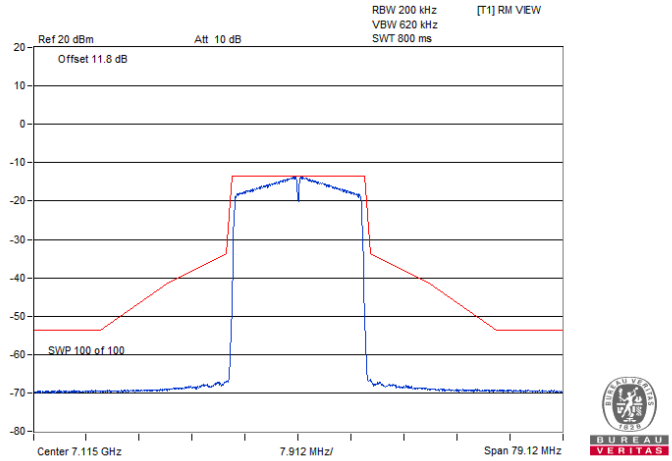
802.11be (EHT20) 2S2T / Chain 0 : CH 181



802.11be (EHT20) 2S2T / Chain 0 : CH 185

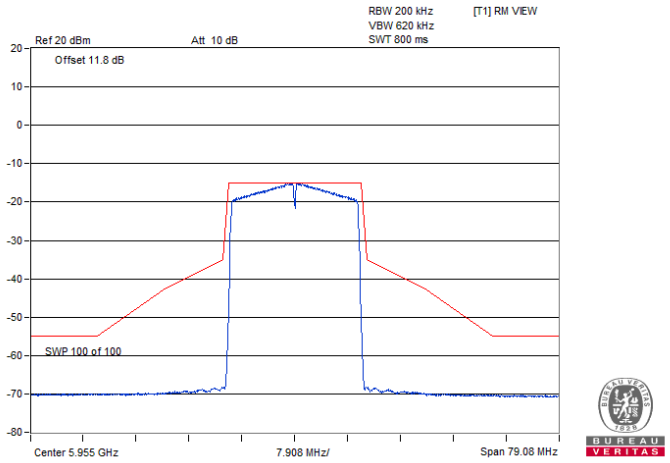


802.11be (EHT20) 2S2T / Chain 0 : CH 209

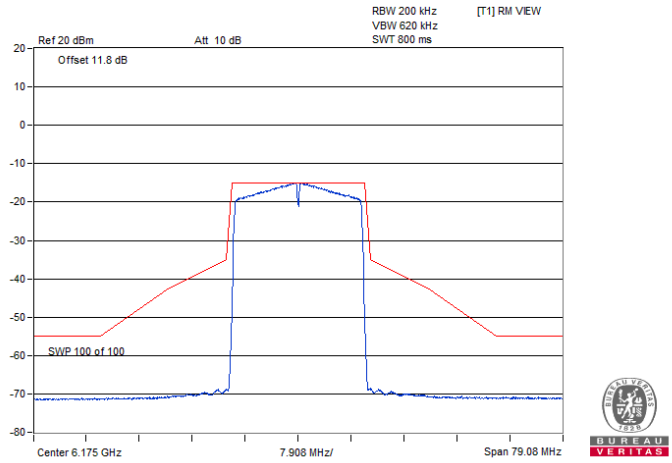


802.11be (EHT20) 2S2T / Chain 0 : CH 233

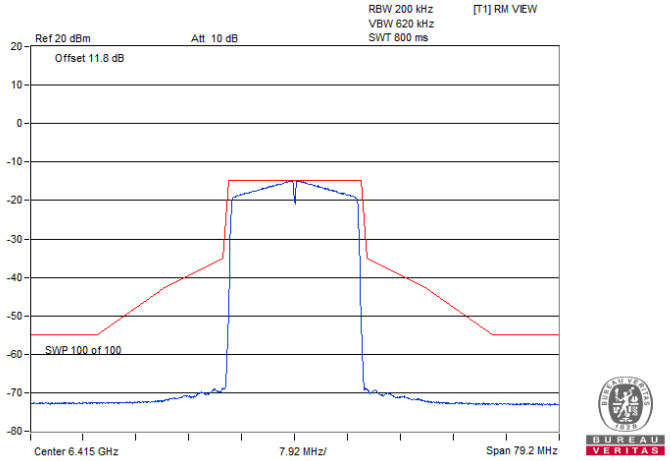
Spectrum Plot



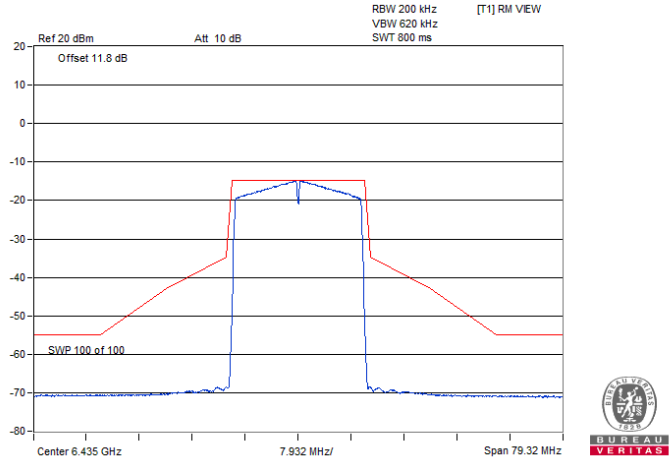
802.11be (EHT20) 2S2T / Chain 1 : CH 1



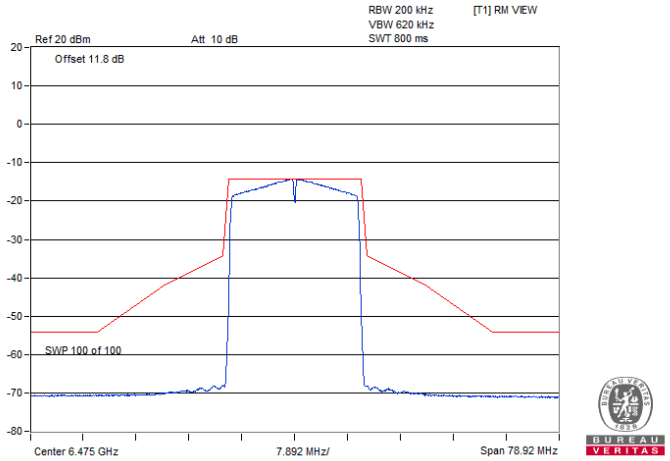
802.11be (EHT20) 2S2T / Chain 1 : CH 45



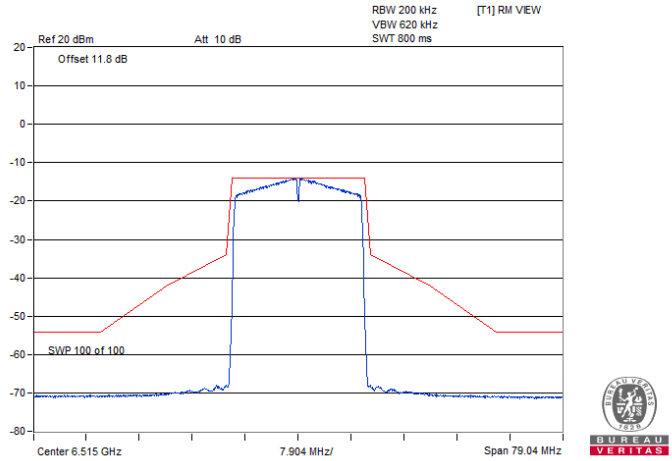
802.11be (EHT20) 2S2T / Chain 1 : CH 93



802.11be (EHT20) 2S2T / Chain 1 : CH 97

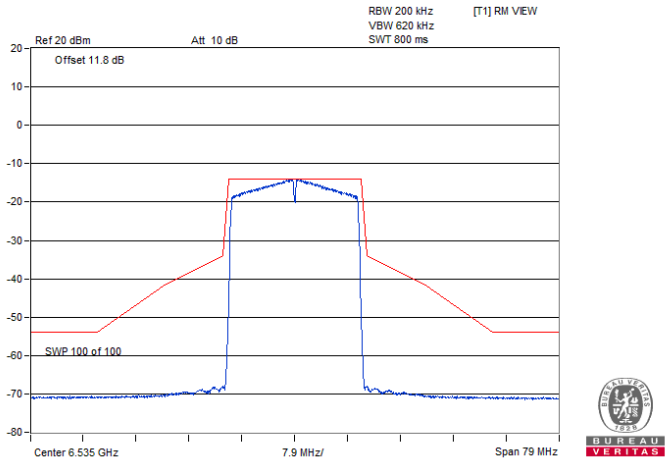


802.11be (EHT20) 2S2T / Chain 1 : CH 105

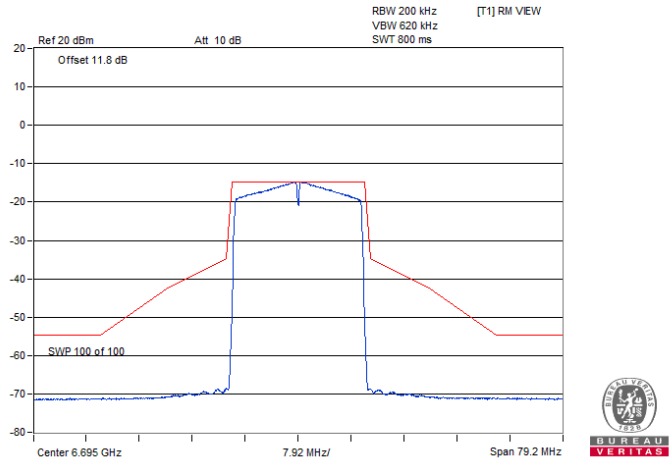


802.11be (EHT20) 2S2T / Chain 1 : CH 113

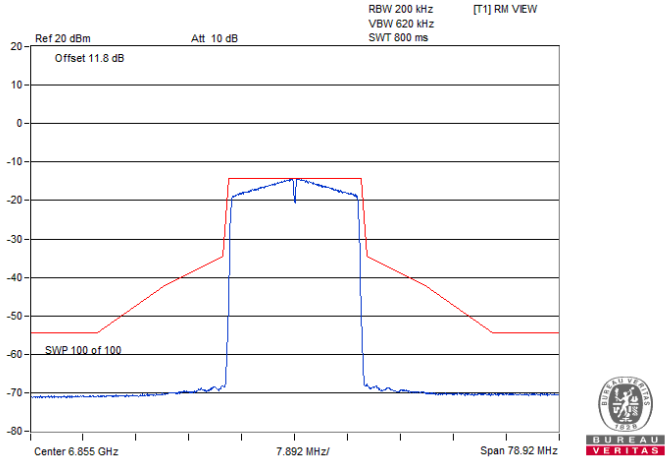
Spectrum Plot



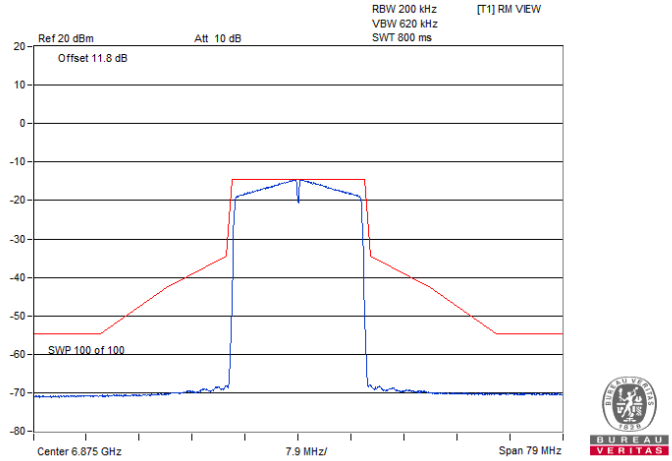
802.11be (EHT20) 2S2T / Chain 1 : CH 117



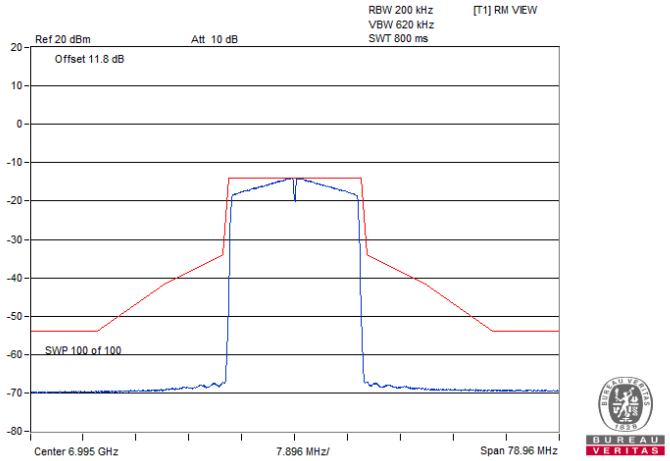
802.11be (EHT20) 2S2T / Chain 1 : CH 149



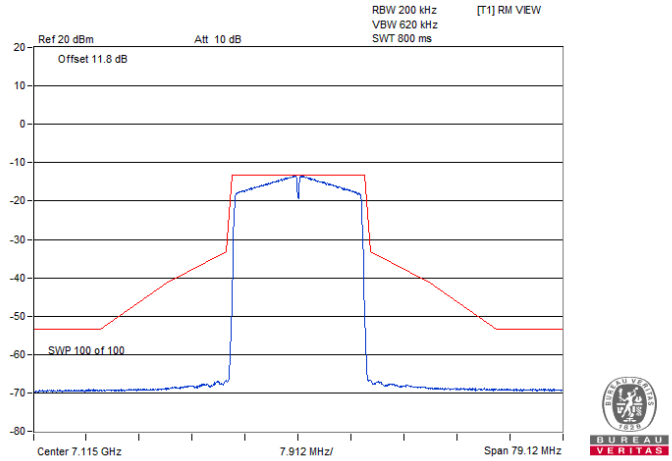
802.11be (EHT20) 2S2T / Chain 1 : CH 181



802.11be (EHT20) 2S2T / Chain 1 : CH 185

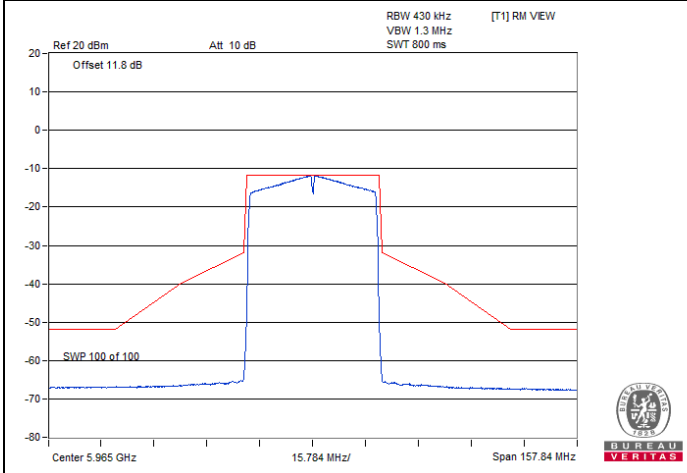
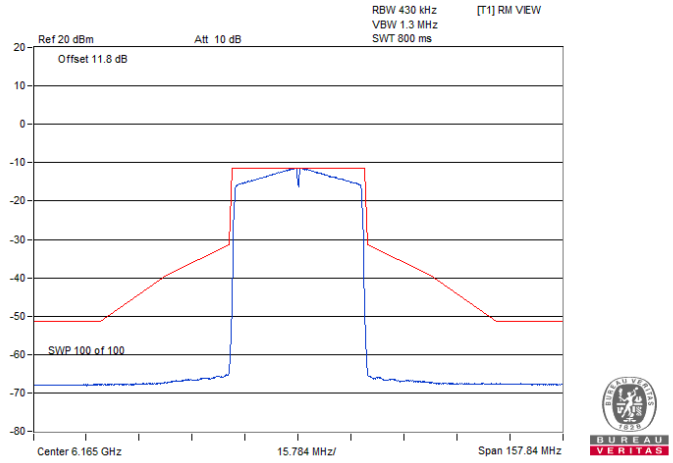
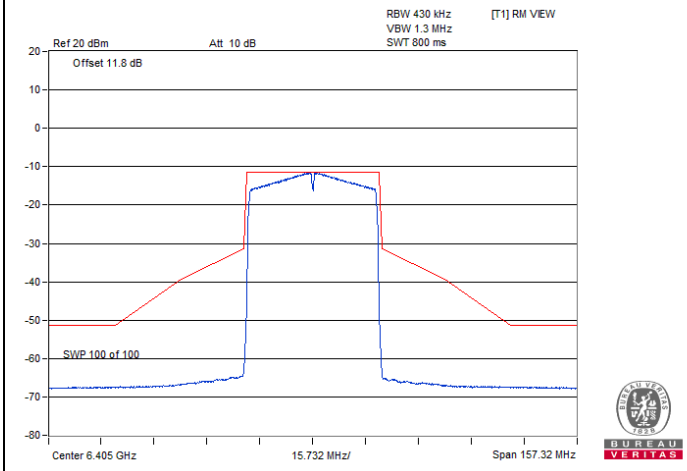
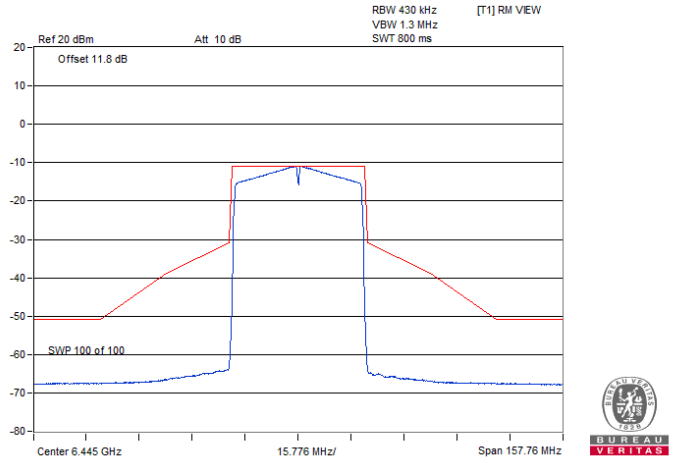
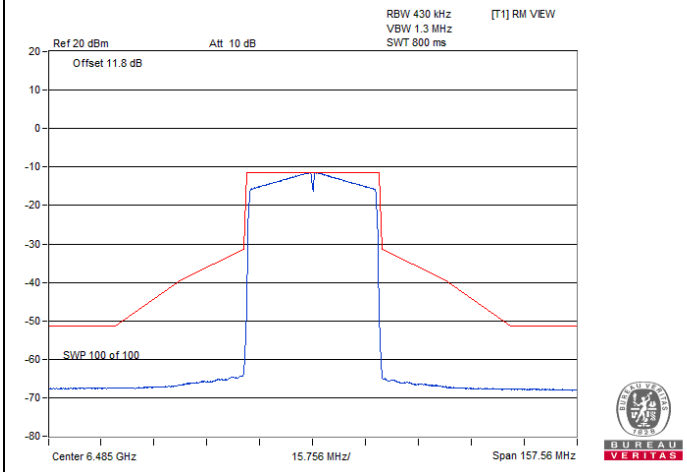
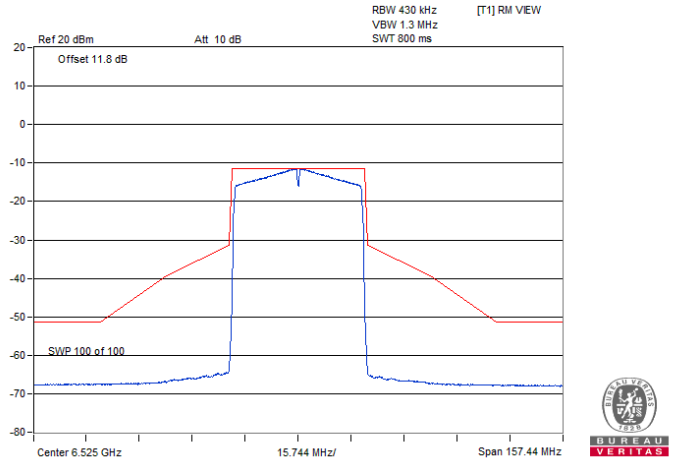


802.11be (EHT20) 2S2T / Chain 1 : CH 209

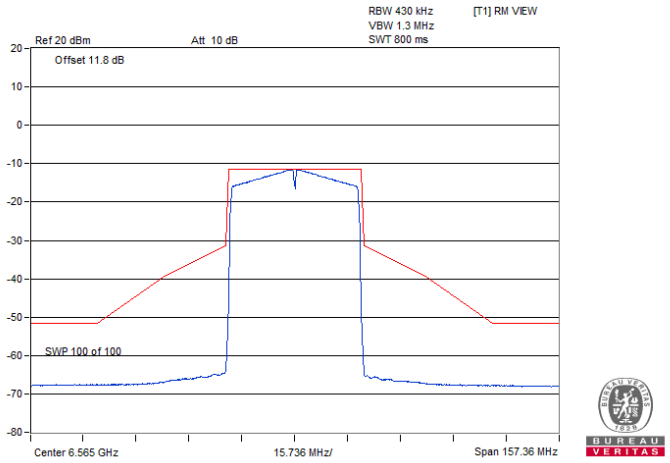


802.11be (EHT20) 2S2T / Chain 1 : CH 233

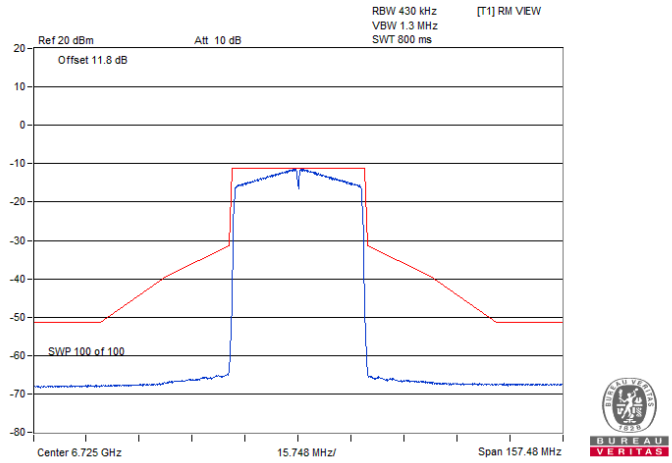
802.11be (EHT40) 2S2T

Spectrum Plot	
	
802.11be (EHT40) 2S2T / Chain 0 : CH 3	802.11be (EHT40) 2S2T / Chain 0 : CH 43
	
802.11be (EHT40) 2S2T / Chain 0 : CH 91	802.11be (EHT40) 2S2T / Chain 0 : CH 99
	
802.11be (EHT40) 2S2T / Chain 0 : CH 107	802.11be (EHT40) 2S2T / Chain 0 : CH 115

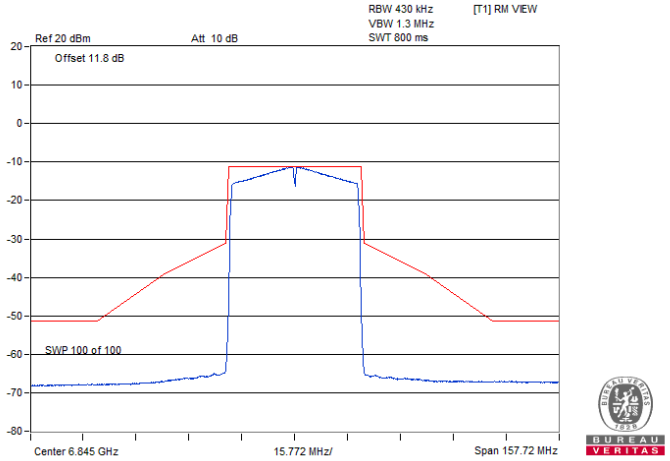
Spectrum Plot



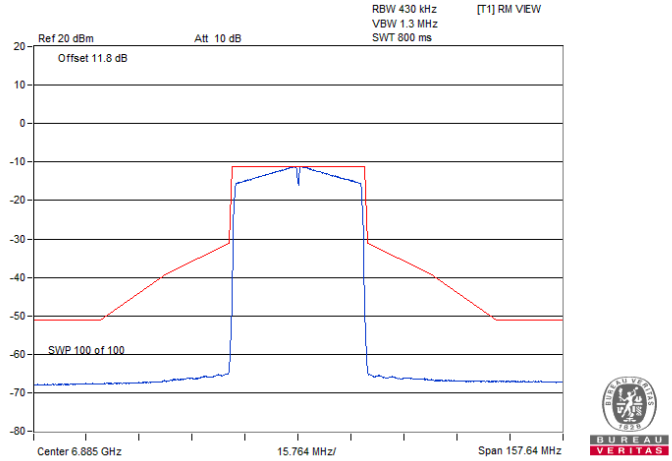
802.11be (EHT40) 2S2T / Chain 0 : CH 123



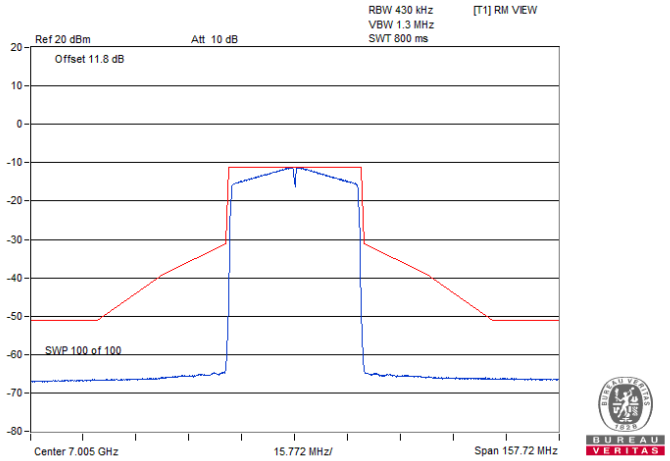
802.11be (EHT40) 2S2T / Chain 0 : CH 155



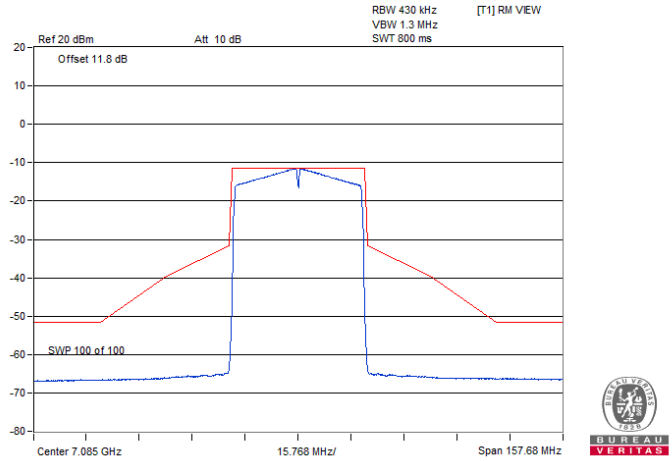
802.11be (EHT40) 2S2T / Chain 0 : CH 179



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



802.11be (EHT40) 2S2T / Chain 0 : CH 211



802.11be (EHT40) 2S2T / Chain 0 : CH 227