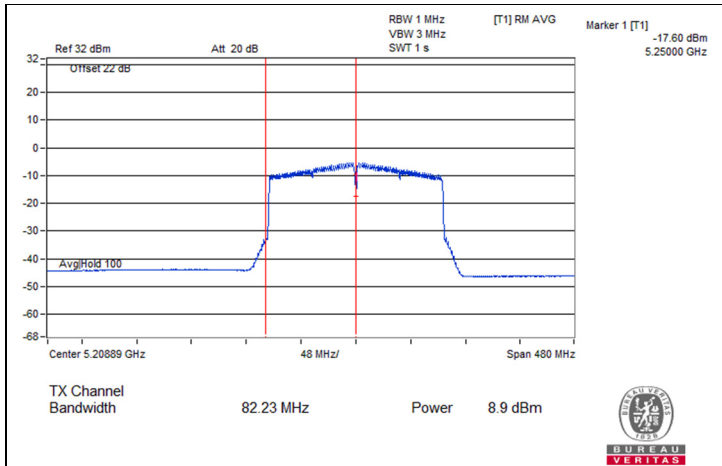
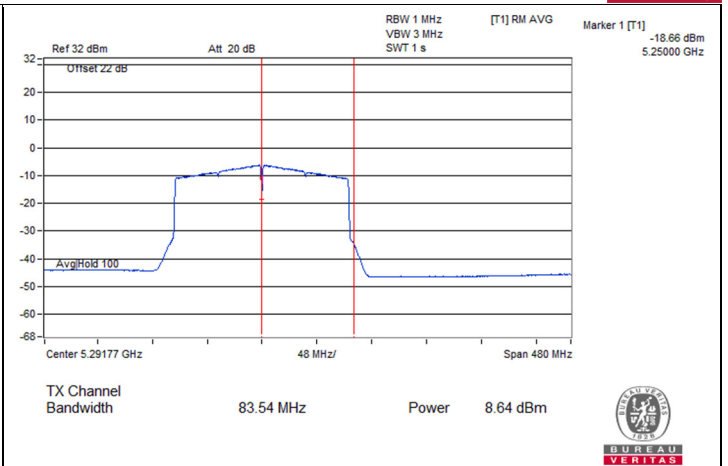
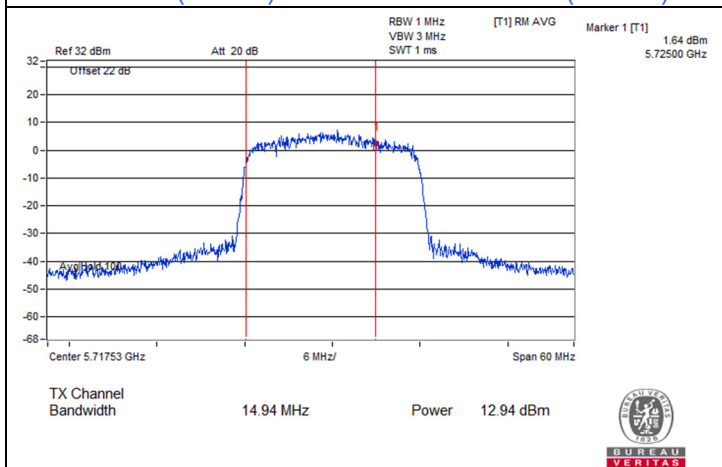




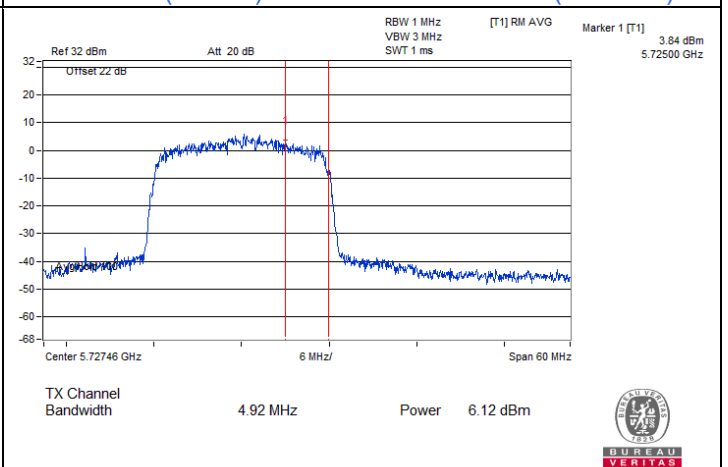
802.11ax (HE160) 2S2T / Chain 1 : CH 50 (U-NII-1)



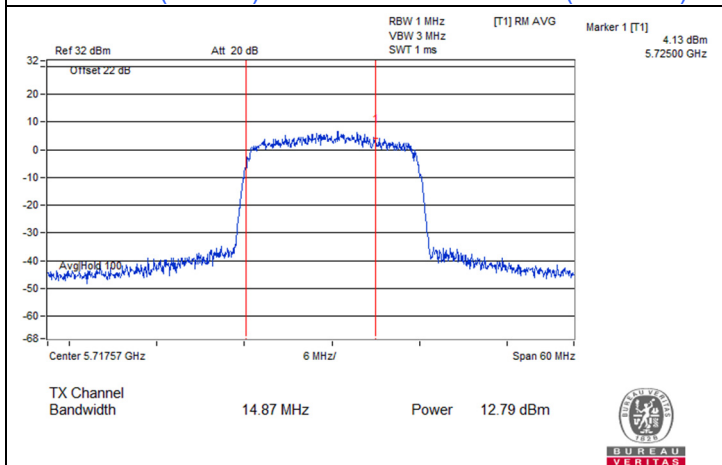
802.11ax (HE160) 2S2T / Chain 1 : CH 50 (U-NII-2A)



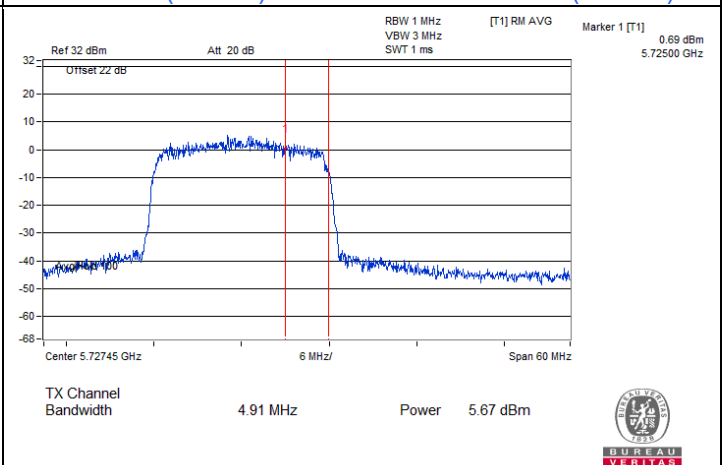
802.11be (EHT20) 2S2T / Chain 0 : CH 144 (U-NII-2C)



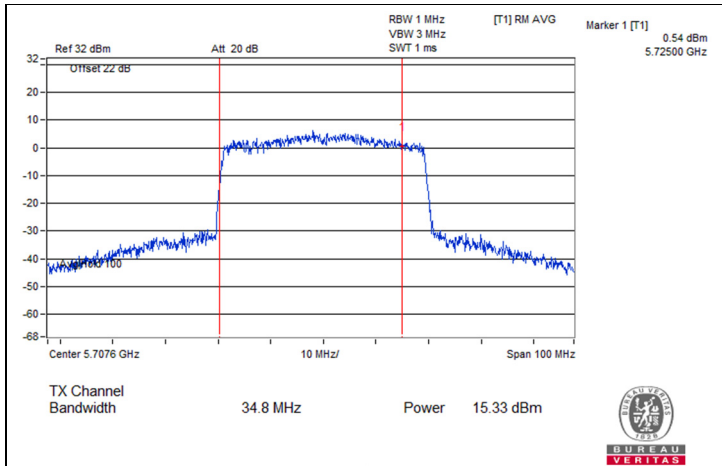
802.11be (EHT20) 2S2T / Chain 0 : CH 144 (U-NII-3)



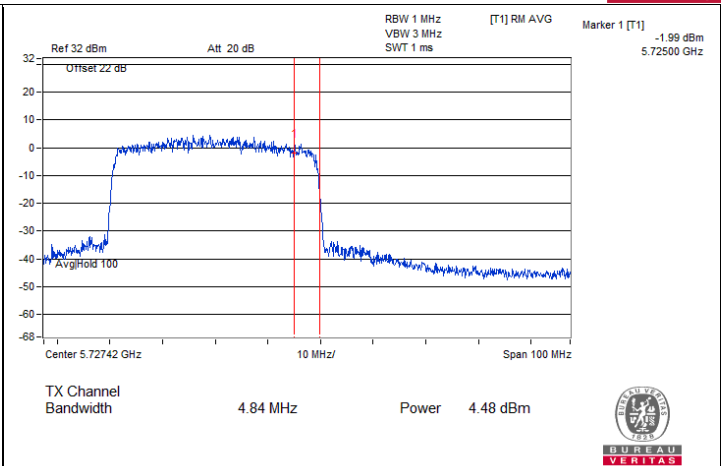
802.11be (EHT20) 2S2T / Chain 1 : CH 144 (U-NII-2C)



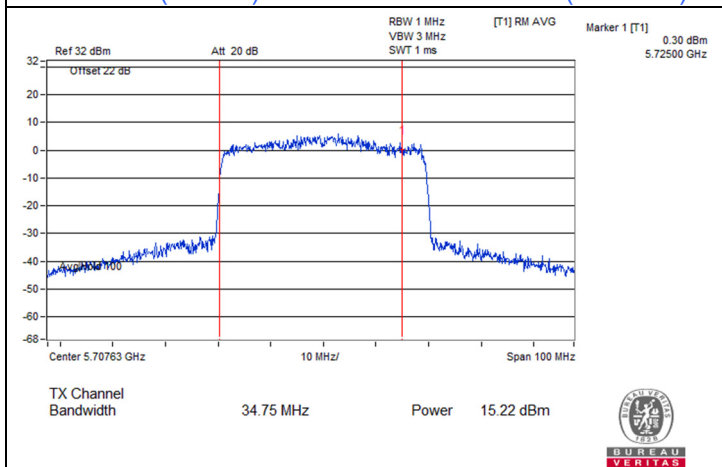
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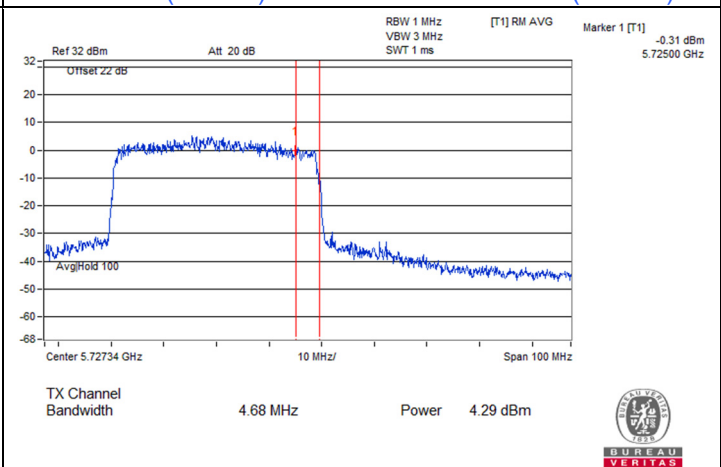
802.11be (EHT40) 2S2T / Chain 0 : CH 142 (U-NII-2C)



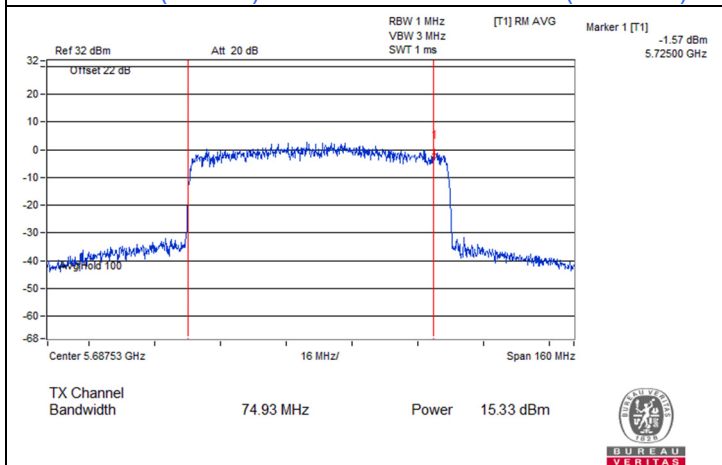
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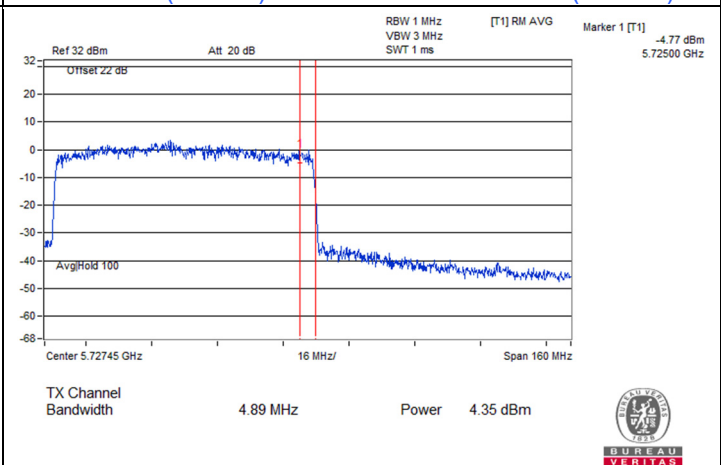
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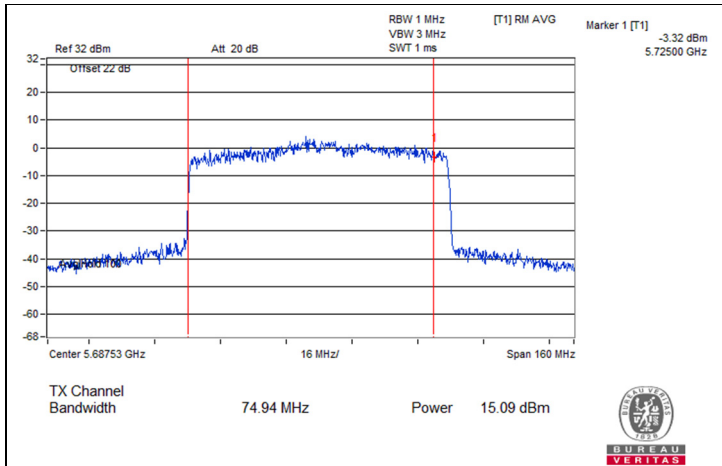
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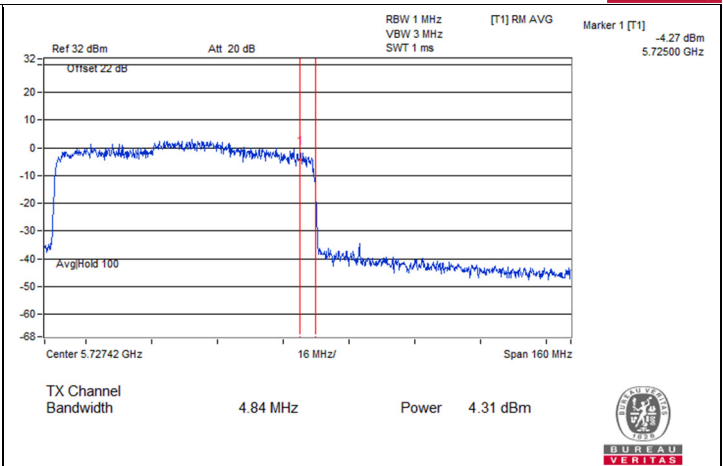
802.11be (EHT80) 2S2T / Chain 0 : CH 138 (U-NII-2C)



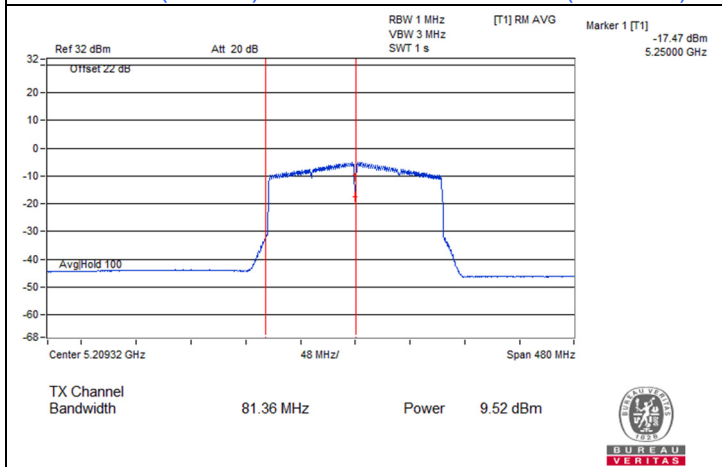
802.11be (EHT80) 2S2T / Chain 0 : CH 138 (U-NII-3)



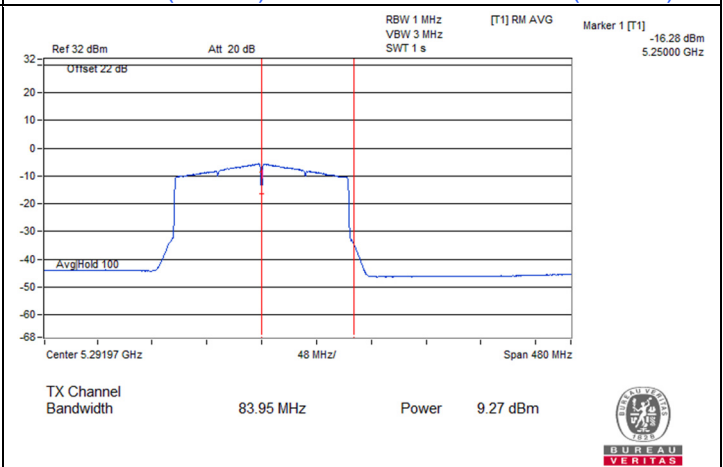
802.11be (EHT80) 2S2T / Chain 1 : CH 138 (U-NII-2C)



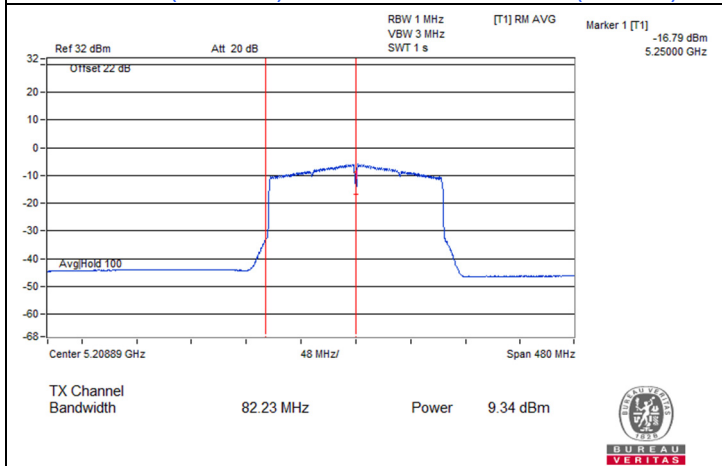
802.11be (EHT80) 2S2T / Chain 1 : CH 138 (U-NII-3)



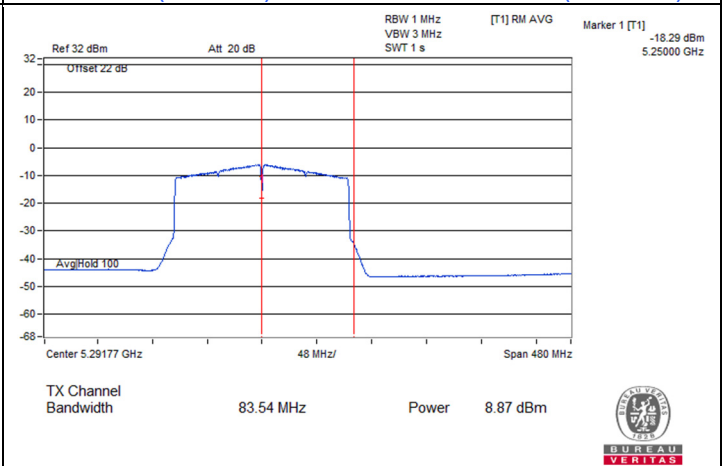
802.11be (EHT160) 2S2T / Chain 0 : CH 50 (U-NII-1)



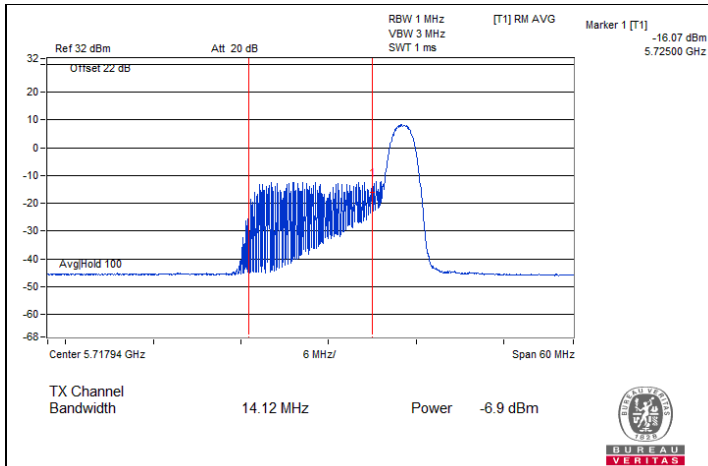
802.11be (EHT160) 2S2T / Chain 0 : CH 50 (U-NII-2A)



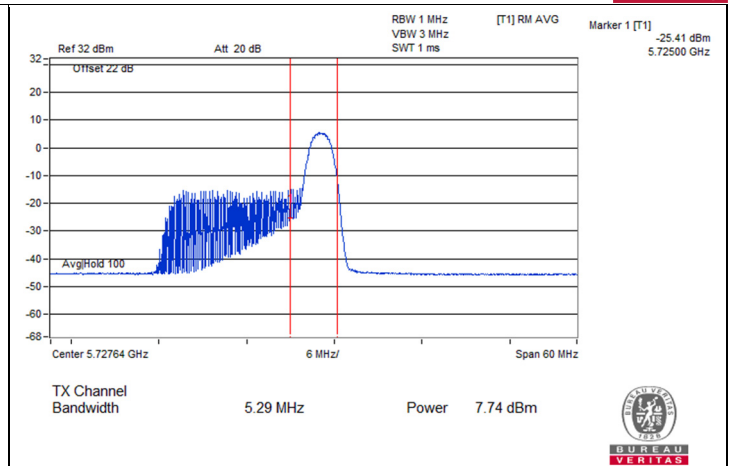
802.11be (EHT160) 2S2T / Chain 1 : CH 50 (U-NII-1)



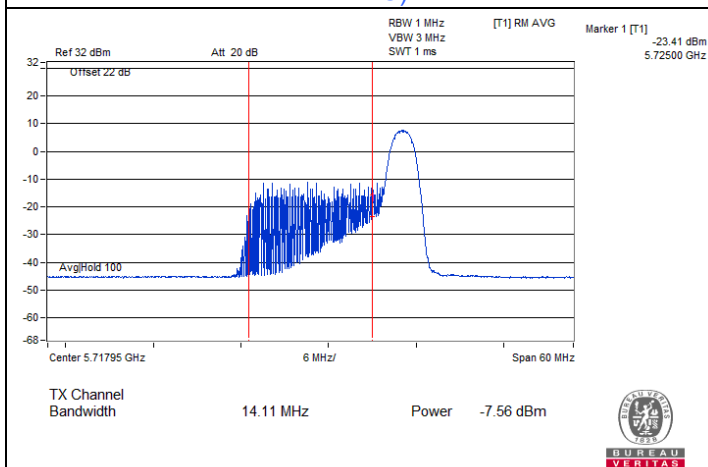
802.11be (EHT160) 2S2T / Chain 1 : CH 50 (U-NII-2A)



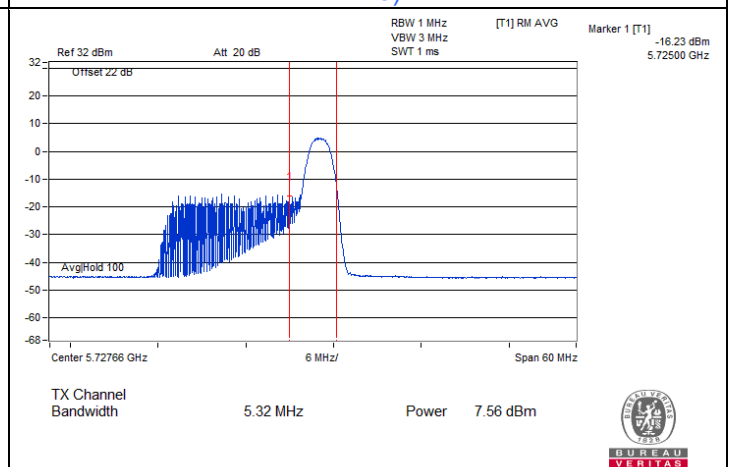
802.11ax (HE20) 26-tone RU 2S2T / Chain 0 : CH 144 (U-NII-2C)



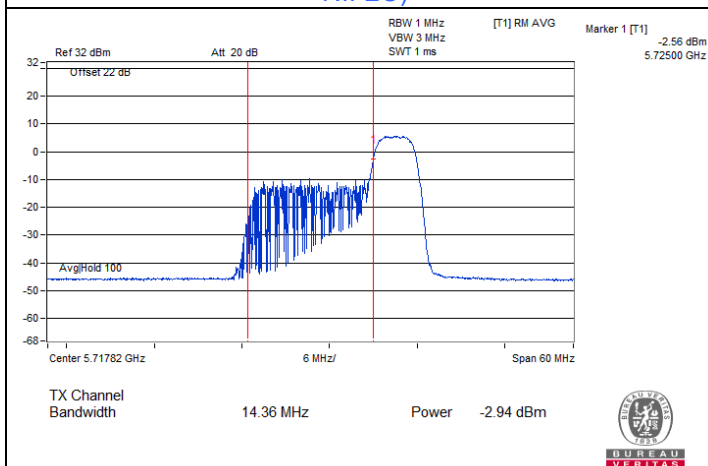
802.11ax (HE20) 26-tone RU 2S2T / Chain 0 : CH 144 (U-NII-3)



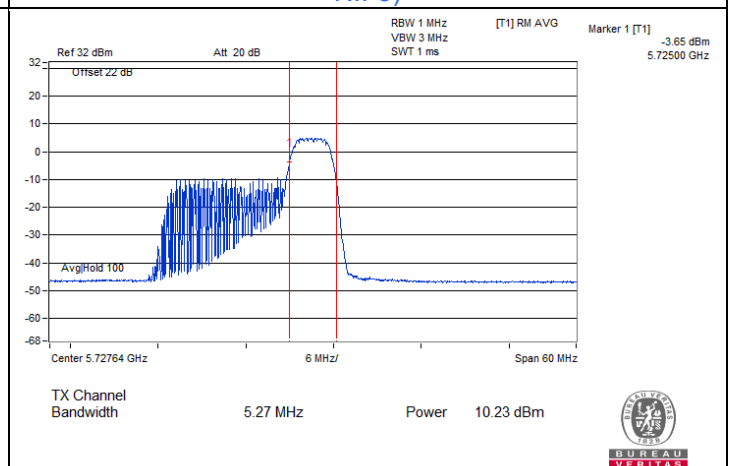
802.11ax (HE20) 26-tone RU 2S2T / Chain 1 : CH 144 (U-NII-2C)



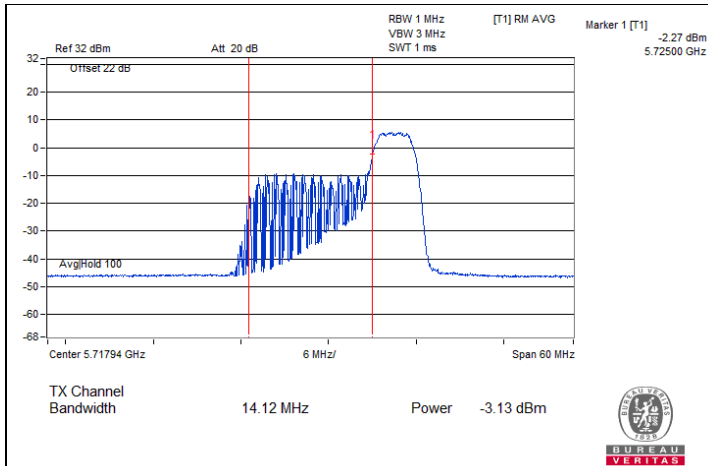
802.11ax (HE20) 26-tone RU 2S2T / Chain 1 : CH 144 (U-NII-3)



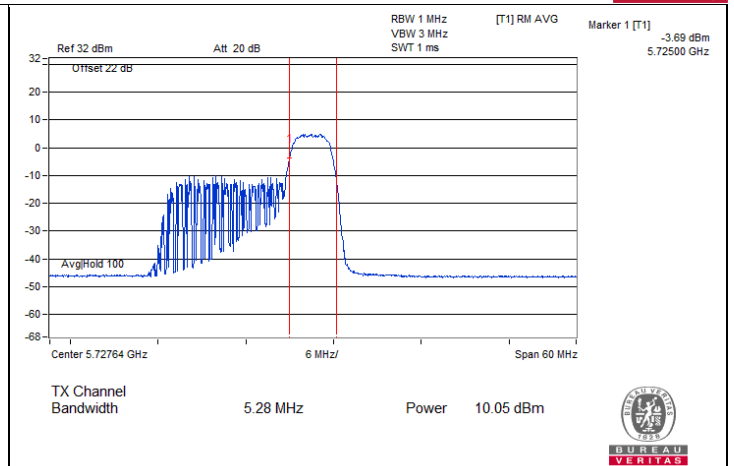
802.11ax (HE20) 52-tone RU 2S2T / Chain 0 : CH 144 (U-NII-2C)



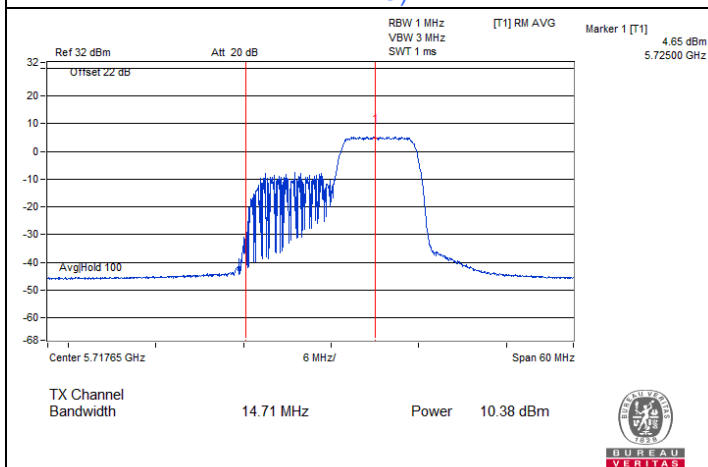
802.11ax (HE20) 52-tone RU 2S2T / Chain 0 : CH 144 (U-NII-3)



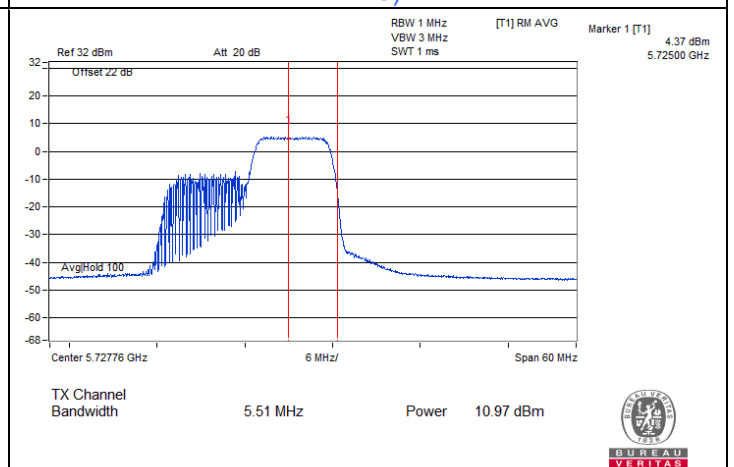
802.11ax (HE20) 52-tone RU 2S2T / Chain 1 : CH 144 (U-NII-2C)



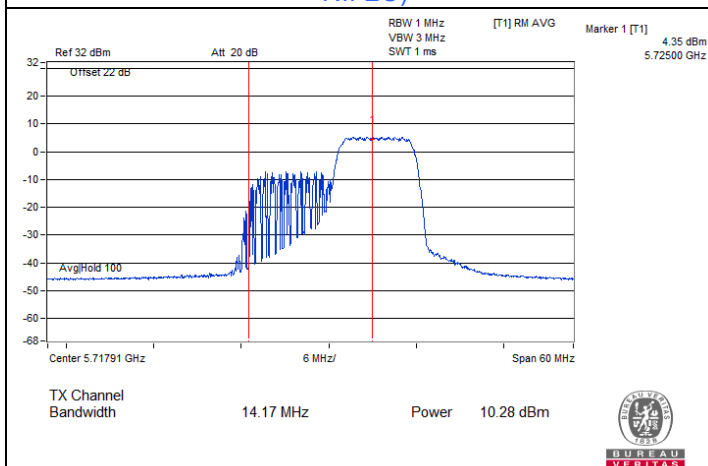
802.11ax (HE20) 52-tone RU 2S2T / Chain 1 : CH 144 (U-NII-3)



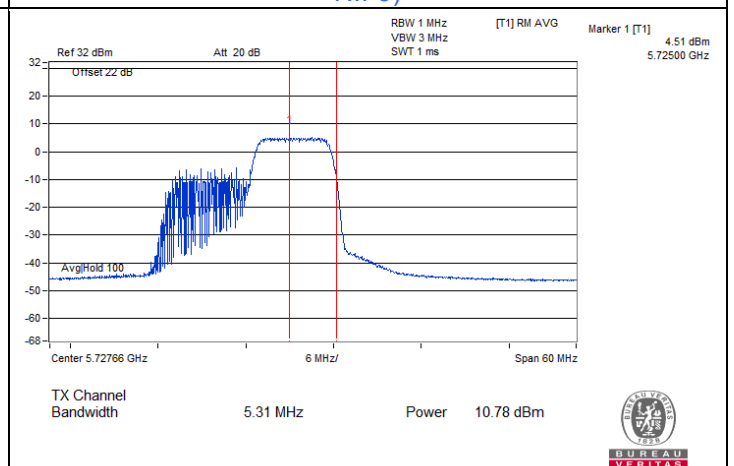
802.11ax (HE20) 106-tone RU 2S2T / Chain 0 : CH 144 (U-NII-2C)



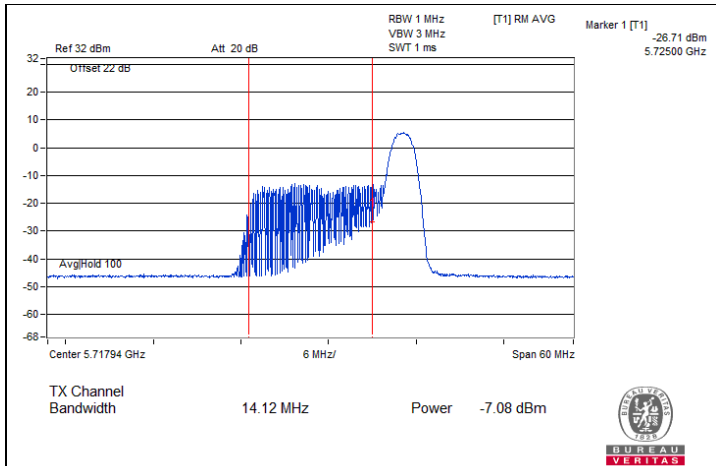
802.11ax (HE20) 106-tone RU 2S2T / Chain 0 : CH 144 (U-NII-3)



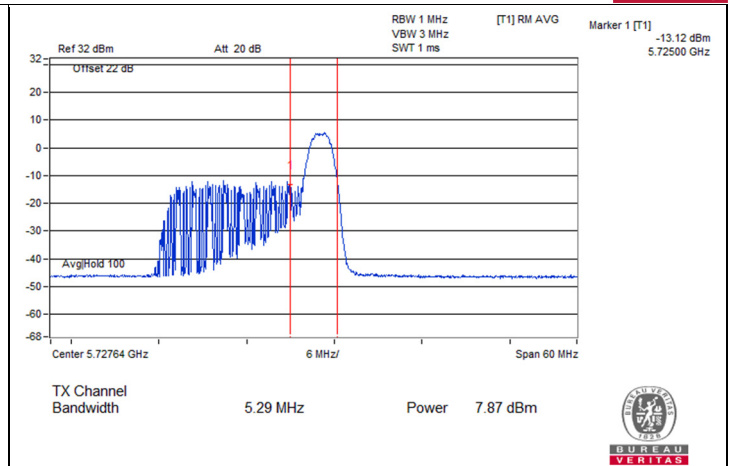
802.11ax (HE20) 106-tone RU 2S2T / Chain 1 : CH 144 (U-NII-2C)



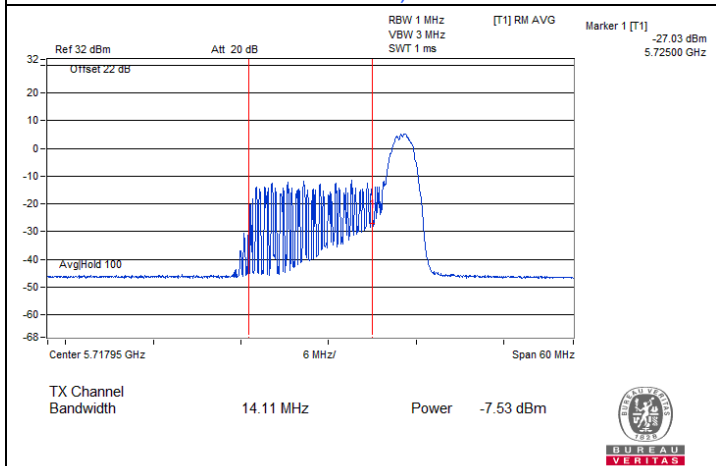
802.11ax (HE20) 106-tone RU 2S2T / Chain 1 : CH 144 (U-NII-3)



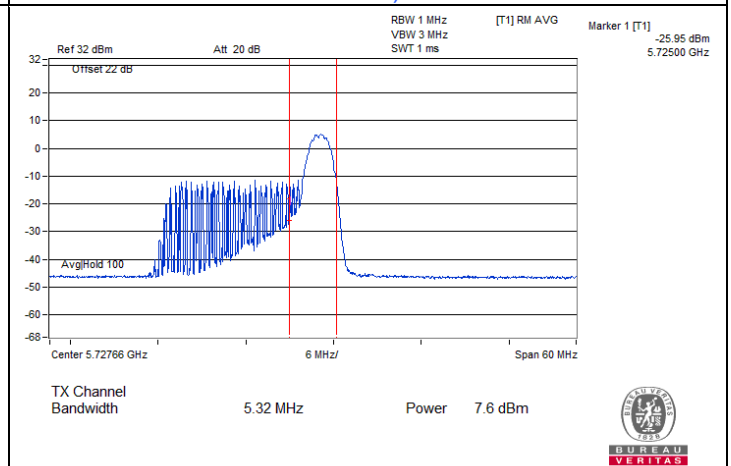
802.11be (EHT20) 26-tone RU 2S2T / Chain 0 : CH 144 (U-NII-2C)



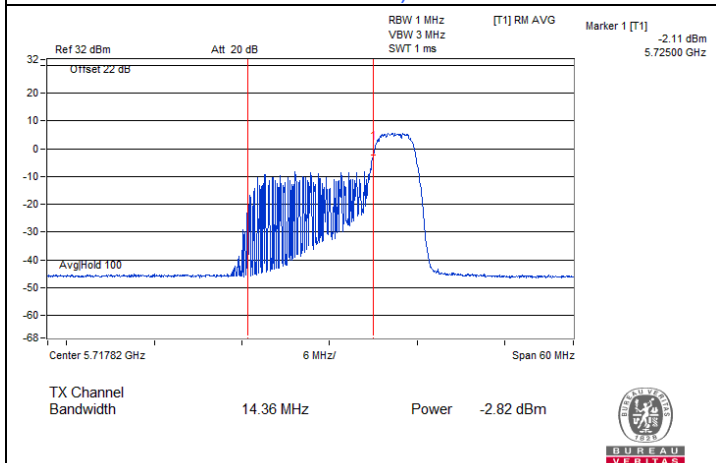
802.11be (EHT20) 26-tone RU 2S2T / Chain 0 : CH 144 (U-NII-3)



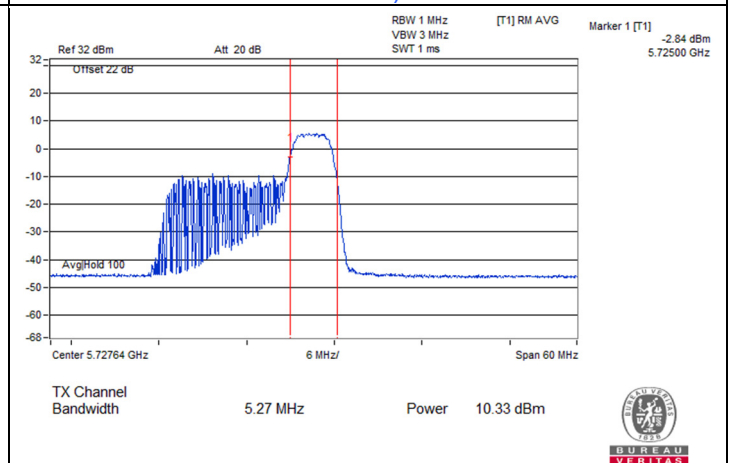
802.11be (EHT20) 26-tone RU 2S2T / Chain 1 : CH 144 (U-NII-2C)



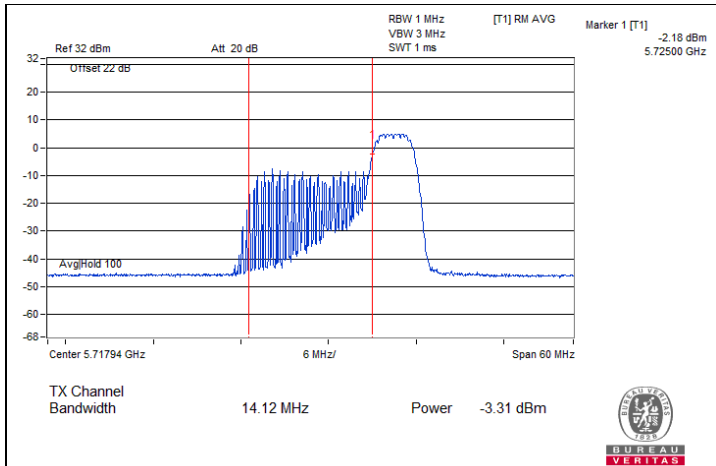
802.11be (EHT20) 26-tone RU 2S2T / Chain 1 : CH 144 (U-NII-3)



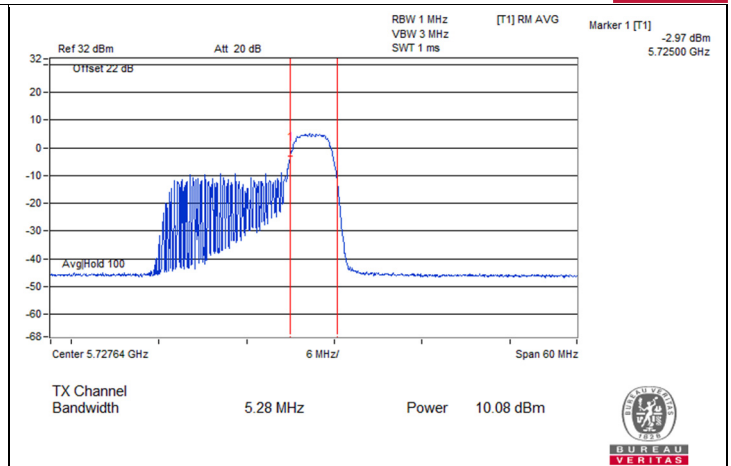
802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 144 (U-NII-2C)



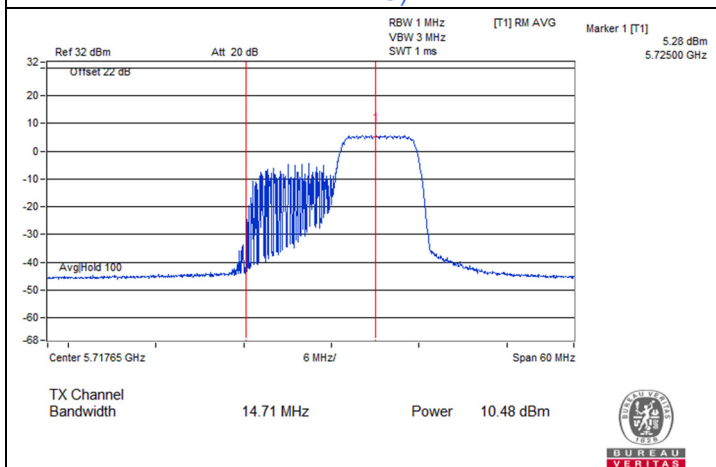
802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 144 (U-NII-3)



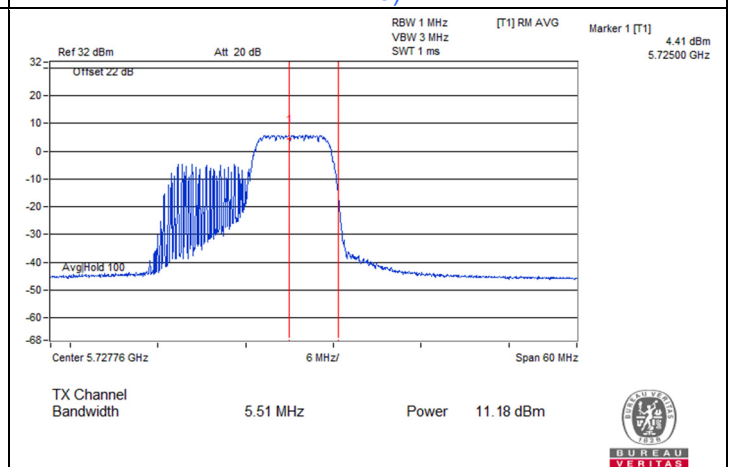
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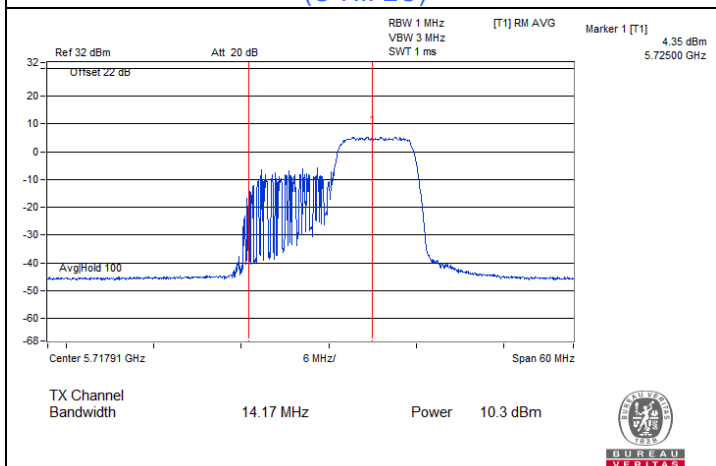
802.11be (EHT20) 52-tone RU 2S2T / Chain 1 : CH 144 (U-NII-3)



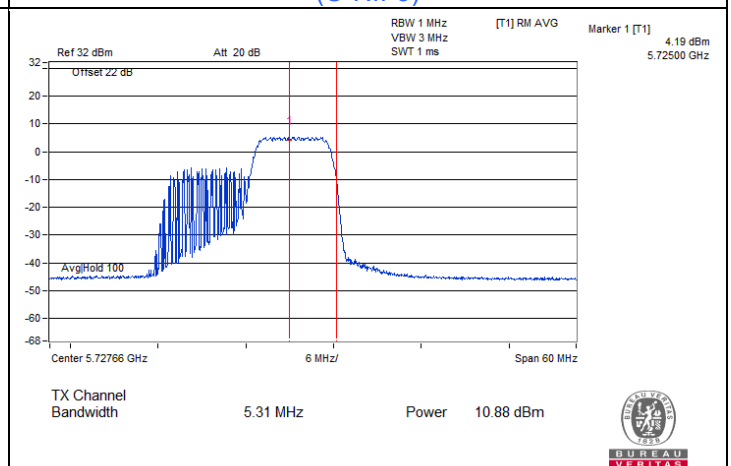
802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 144 (U-NII-2C)



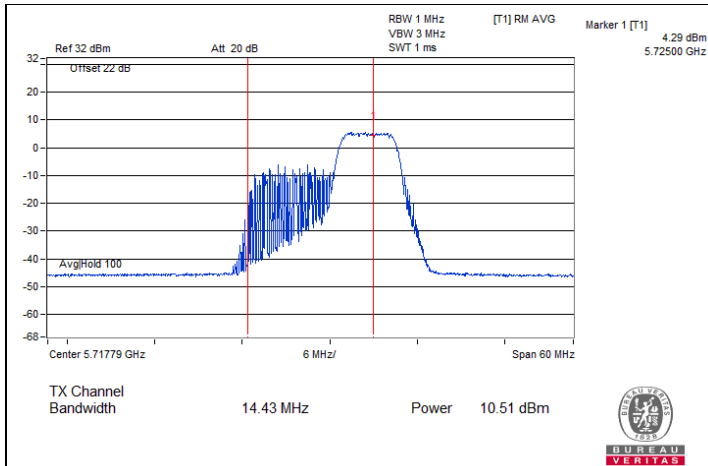
802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 144 (U-NII-3)



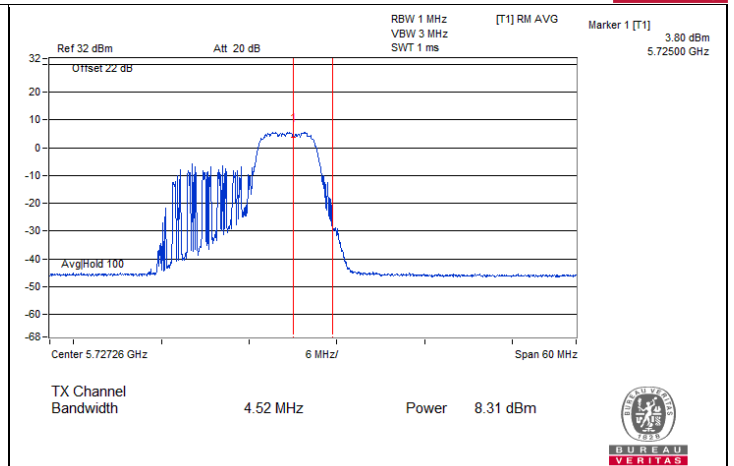
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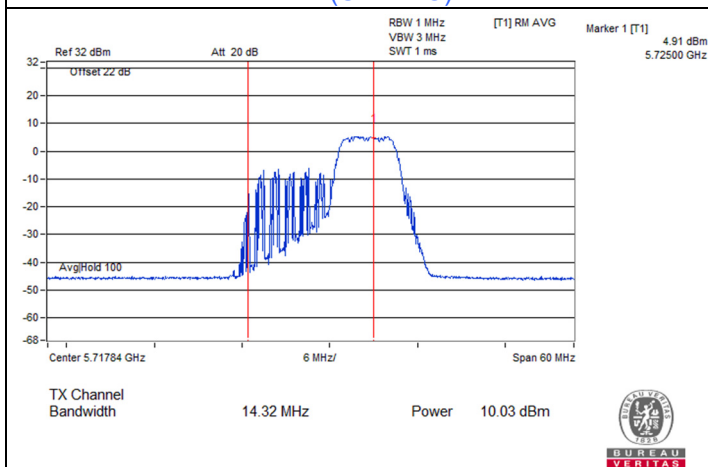
802.11be (EHT20) 106-tone RU 2S2T / Chain 1 : CH 144 (U-NII-3)



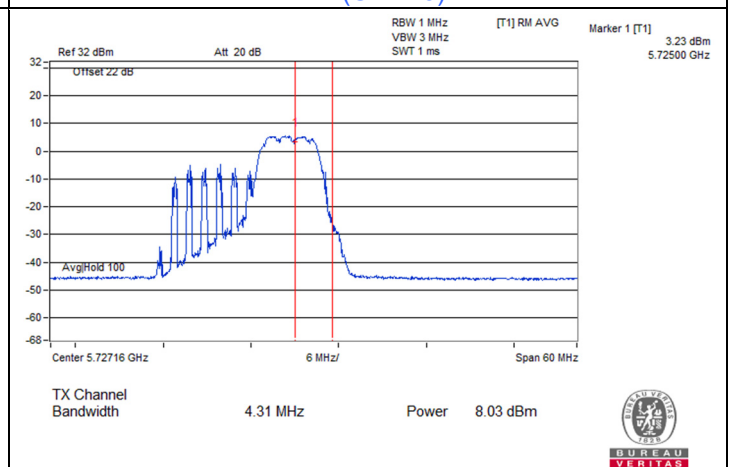
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0 : CH 144 (U-NII-2C)



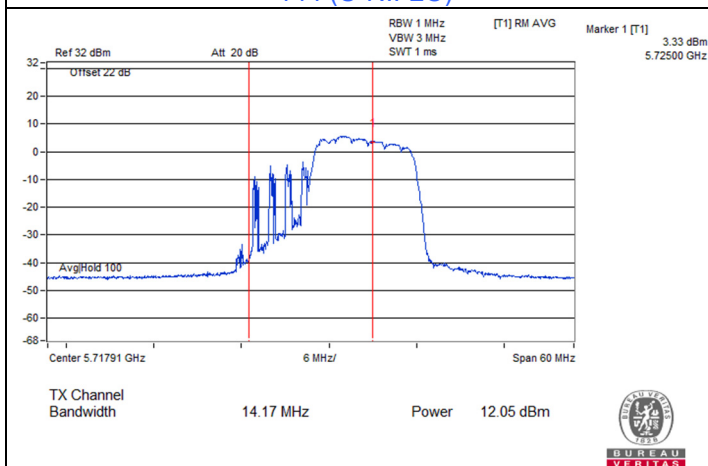
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0 : CH 144 (U-NII-3)



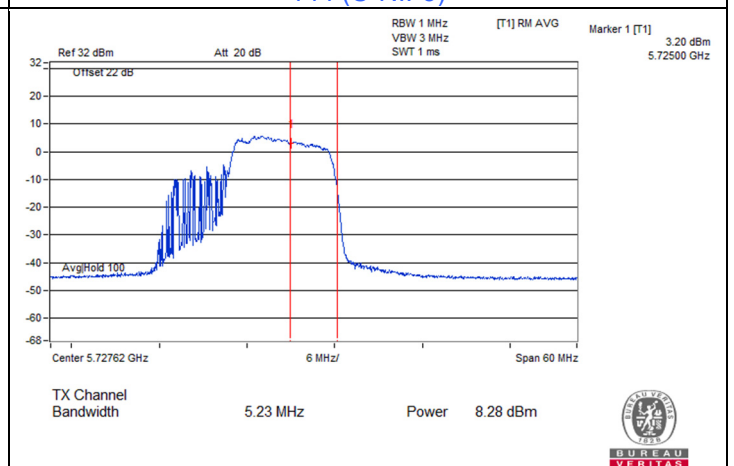
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1 : CH 144 (U-NII-2C)



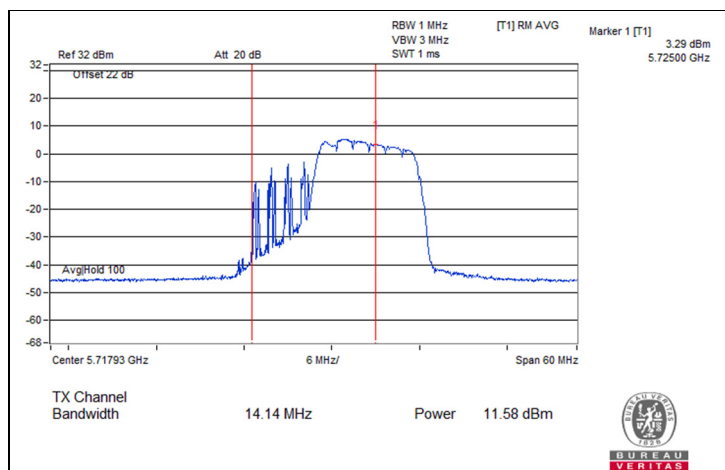
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1 : CH 144 (U-NII-3)



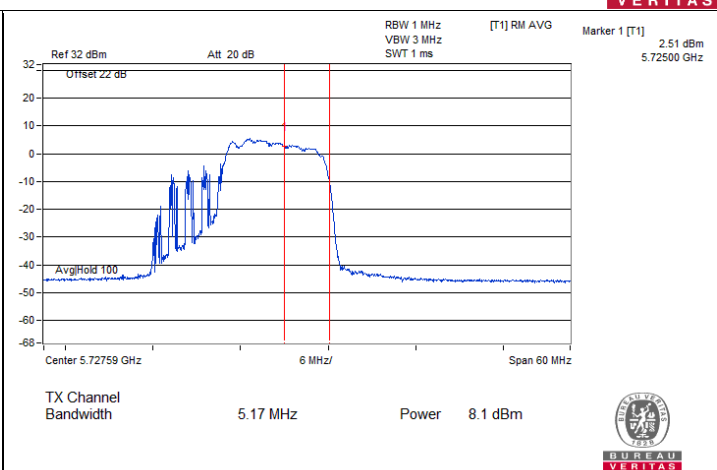
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 144 (U-NII-2C)



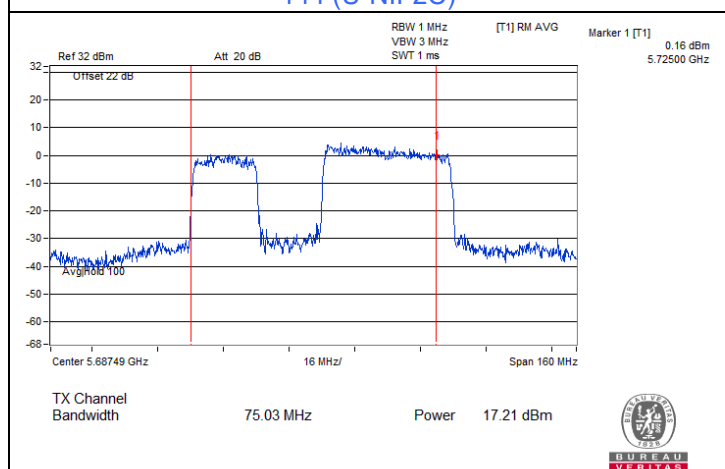
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 144 (U-NII-3)



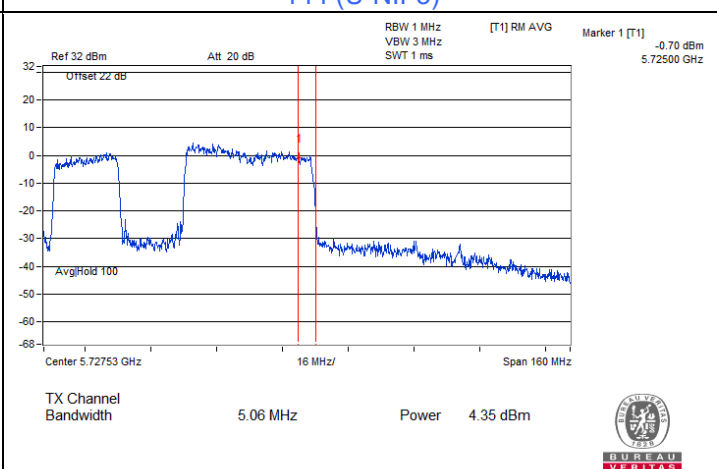
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1 : CH 144 (U-NII-2C)



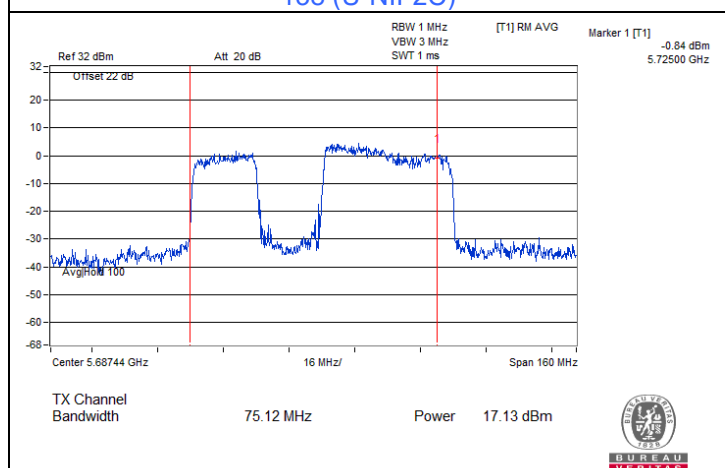
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1 : CH 144 (U-NII-3)



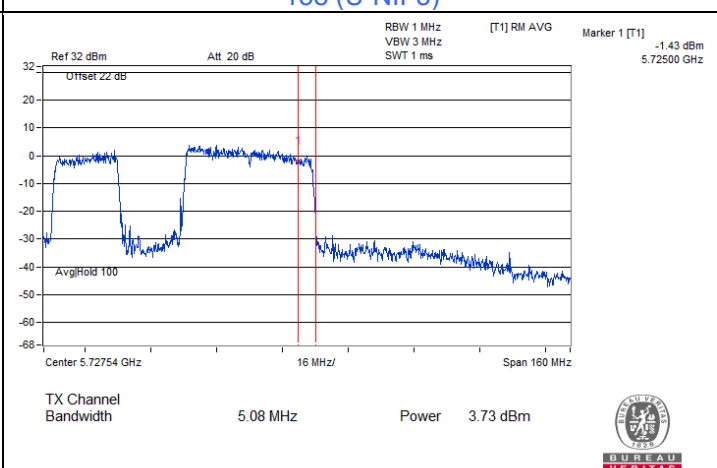
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0 : CH 138 (U-NII-2C)



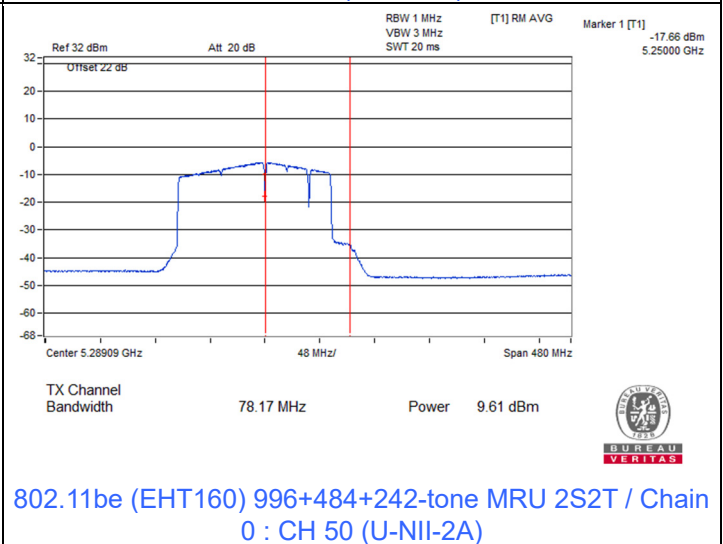
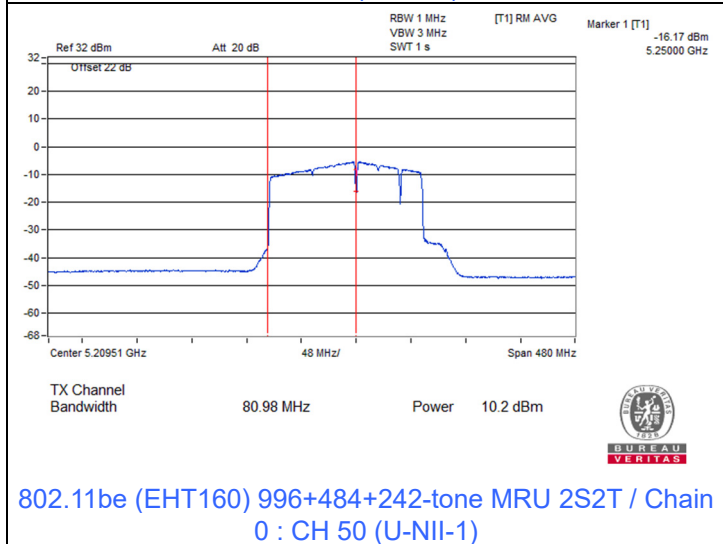
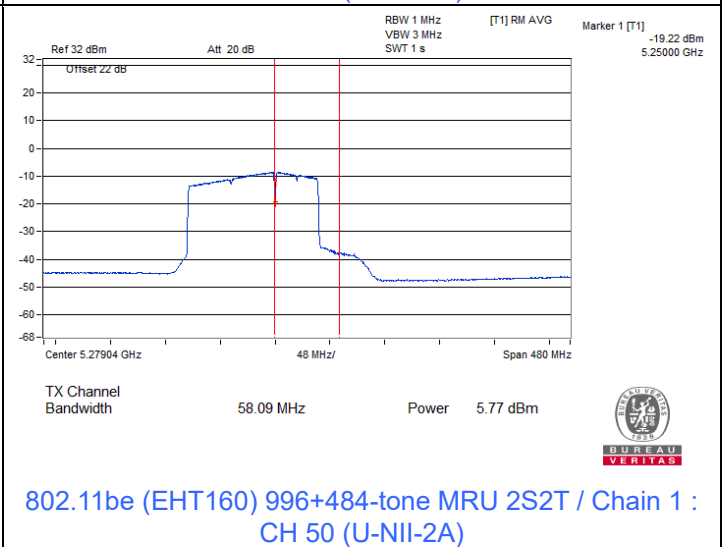
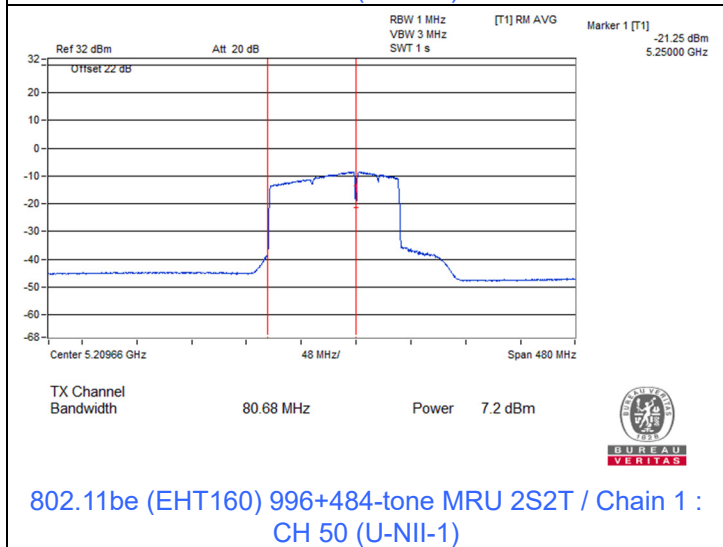
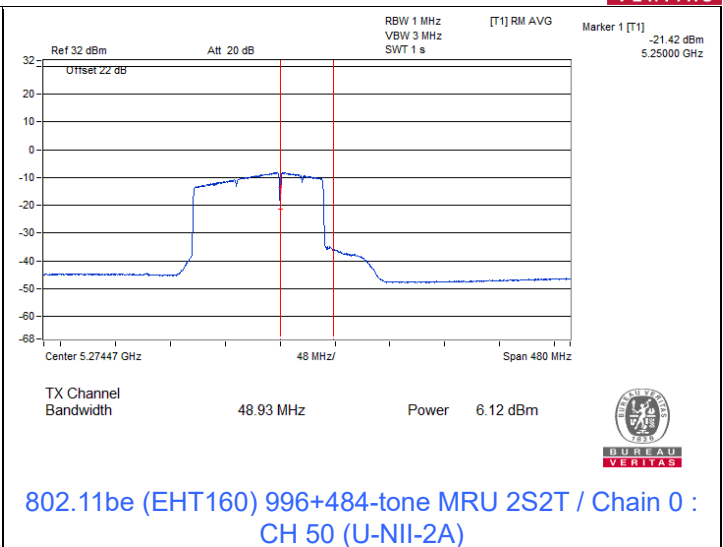
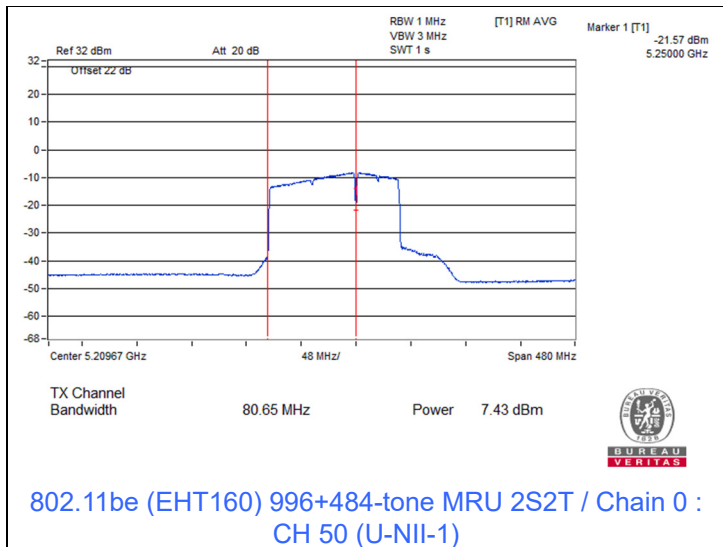
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0 : CH 138 (U-NII-3)

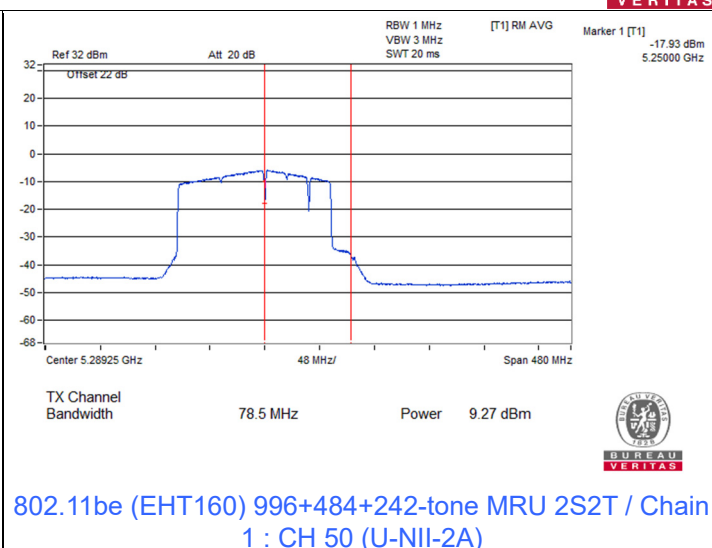
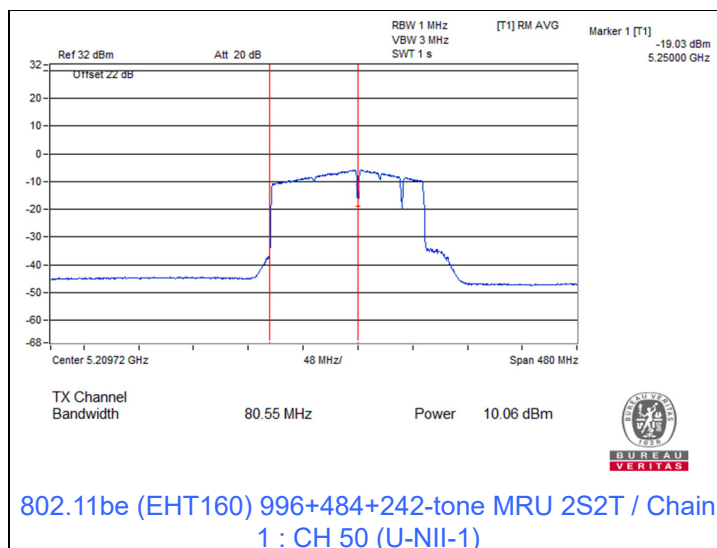


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1 : CH 138 (U-NII-2C)



802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1 : CH 138 (U-NII-3)





7.3 Power Spectral Density

Input Power:	3.3 Vdc	Environmental Conditions:	20°C, 60% RH	Tested By:	Henry Hsu
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802.11a 1TX

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	5.89	2.07	7.96	8.63	Pass
40	5200	6.07	2.07	8.14	8.63	Pass
48	5240	6.00	2.07	8.07	8.63	Pass
52	5260	5.80	2.07	7.87	8.63	Pass
60	5300	5.97	2.07	8.04	8.63	Pass
64	5320	5.88	2.07	7.95	8.63	Pass
100	5500	6.01	2.07	8.08	8.63	Pass
116	5580	5.94	2.07	8.01	8.63	Pass
140	5700	5.91	2.07	7.98	8.63	Pass
144 (U-NII-2C)	5720	6.03	2.07	8.10	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT20) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	7.03	1.01	8.04	8.63	Pass
40	5200	7.12	1.01	8.13	8.63	Pass
48	5240	7.12	1.01	8.13	8.63	Pass
52	5260	7.05	1.01	8.06	8.63	Pass
60	5300	6.93	1.01	7.94	8.63	Pass
64	5320	6.99	1.01	8.00	8.63	Pass
100	5500	7.03	1.01	8.04	8.63	Pass
116	5580	6.94	1.01	7.95	8.63	Pass
140	5700	6.87	1.01	7.88	8.63	Pass
144 (U-NII-2C)	5720	7.02	1.01	8.03	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT40) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
38	5190	2.74	1.02	3.76	8.63	Pass
46	5230	2.71	1.02	3.73	8.63	Pass
54	5270	5.13	1.02	6.15	8.63	Pass
62	5310	3.41	1.02	4.43	8.63	Pass
102	5510	5.56	1.02	6.58	8.63	Pass
110	5550	6.45	1.02	7.47	8.63	Pass
134	5670	5.90	1.02	6.92	8.63	Pass
142 (U-NII-2C)	5710	7.31	1.02	8.33	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT80) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
42	5210	-1.01	1.06	0.05	8.63	Pass
58	5290	-3.21	1.06	-2.15	8.63	Pass
106	5530	1.78	1.06	2.84	8.63	Pass
122	5610	3.48	1.06	4.54	8.63	Pass
138 (U-NII-2C)	5690	3.78	1.06	4.84	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT160) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
50 (U-NII-1)	5250	-6.24	0.95	-5.29	8.63	Pass
50 (U-NII-2A)	5250	-6.58	0.95	-5.63	8.63	Pass
114	5570	-1.81	0.95	-0.86	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT20) 26-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	7.94	0.19	8.13	8.63	Pass
64	5320	7.79	0.19	7.98	8.63	Pass
100	5500	7.62	0.19	7.81	8.63	Pass
140	5700	7.47	0.19	7.66	8.63	Pass
144 (U-NII-2C)	5720	-12.48	0.19	-12.29	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT20) 52-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	7.76	0.17	7.93	8.63	Pass
64	5320	7.66	0.17	7.83	8.63	Pass
100	5500	7.87	0.17	8.04	8.63	Pass
140	5700	7.96	0.17	8.13	8.63	Pass
144 (U-NII-2C)	5720	-2.05	0.17	-1.88	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT20) 106-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	7.89	0.18	8.07	8.63	Pass
64	5320	7.86	0.18	8.04	8.63	Pass
100	5500	7.76	0.18	7.94	8.63	Pass
140	5700	7.51	0.18	7.69	8.63	Pass
144 (U-NII-2C)	5720	7.48	0.18	7.66	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	7.57	0.17	7.74	8.63	Pass
64	5320	7.54	0.17	7.71	8.63	Pass
100	5500	7.52	0.17	7.69	8.63	Pass
140	5700	7.87	0.17	8.04	8.63	Pass
144 (U-NII-2C)	5720	7.81	0.17	7.98	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
36	5180	7.74	0.21	7.95	8.63	Pass
64	5320	7.77	0.21	7.98	8.63	Pass
100	5500	7.71	0.21	7.92	8.63	Pass
140	5700	7.97	0.21	8.18	8.63	Pass
144 (U-NII-2C)	5720	7.88	0.21	8.09	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
42	5210	-2.25	0.28	-1.97	8.63	Pass
58	5290	-1.22	0.28	-0.94	8.63	Pass
106	5530	0.87	0.28	1.15	8.63	Pass
138 (U-NII-2C)	5690	4.32	0.28	4.60	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
50 (U-NII-1)	5250	-5.25	0.29	-4.96	8.63	Pass
50 (U-NII-2A)	5250	-5.27	0.29	-4.98	8.63	Pass
114	5570	-3.88	0.29	-3.59	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
50 (U-NII-1)	5250	-3.63	0.31	-3.32	8.63	Pass
50 (U-NII-2A)	5250	-3.55	0.31	-3.24	8.63	Pass
114	5570	-1.30	0.31	-0.99	8.63	Pass

Notes:

1. For U-NII-1, the antenna gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
2. For U-NII-2A, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2C, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11a 1TX

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	-1.12	2.07	3.17	27.63	Pass
149	5745	4.14	2.07	8.43	27.63	Pass
157	5785	4.12	2.07	8.41	27.63	Pass
165	5825	4.32	2.07	8.61	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT20) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	-0.21	1.01	3.02	27.63	Pass
149	5745	5.13	1.01	8.36	27.63	Pass
157	5785	4.88	1.01	8.11	27.63	Pass
165	5825	4.84	1.01	8.07	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT40) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
142 (U-NII-3)	5710	-1.63	1.02	1.61	27.63	Pass
151	5755	1.81	1.02	5.05	27.63	Pass
159	5795	1.54	1.02	4.78	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT80) 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
138 (U-NII-3)	5690	-5.36	1.06	-2.08	27.63	Pass
155	5775	-1.76	1.06	1.52	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT20) 26-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	2.36	0.19	4.77	27.63	Pass
149	5745	13.66	0.19	16.07	27.63	Pass
165	5825	13.16	0.19	15.57	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT20) 52-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	2.4	0.17	4.79	27.63	Pass
149	5745	10.7	0.17	13.09	27.63	Pass
165	5825	10.63	0.17	13.02	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT20) 106-tone RU 1S1T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	-12.66	0.18	-10.26	27.63	Pass
149	5745	7.89	0.18	10.29	27.63	Pass
165	5825	7.9	0.18	10.30	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

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

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	2.5	0.17	4.89	27.63	Pass
149	5745	9.28	0.17	11.67	27.63	Pass
165	5825	9.23	0.17	11.62	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

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

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
144 (U-NII-3)	5720	0.72	0.21	3.15	27.63	Pass
149	5745	8.62	0.21	11.05	27.63	Pass
165	5825	8.4	0.21	10.83	27.63	Pass

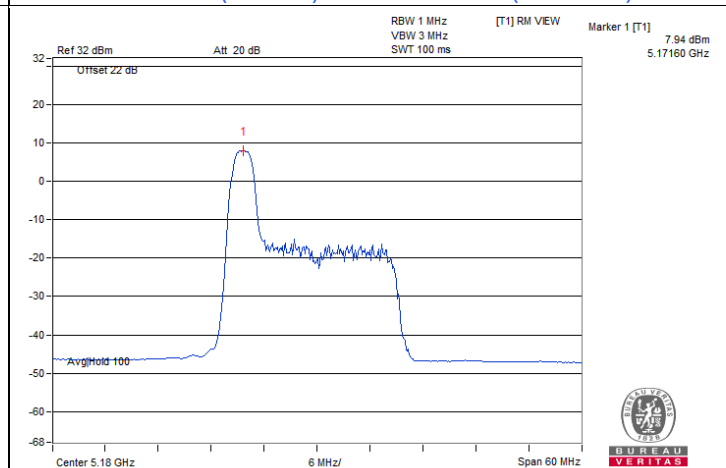
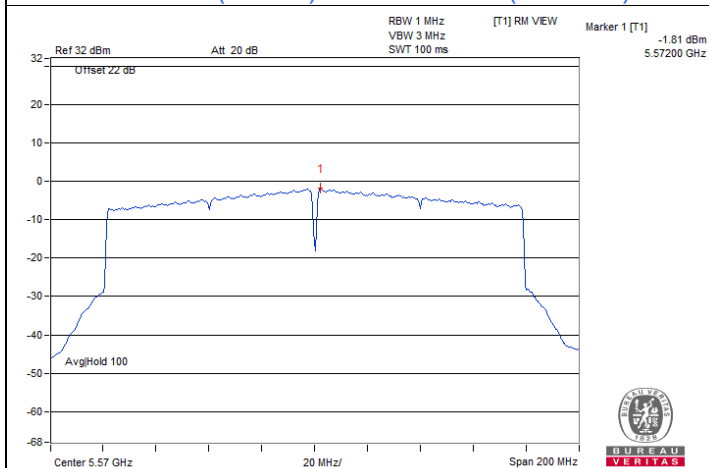
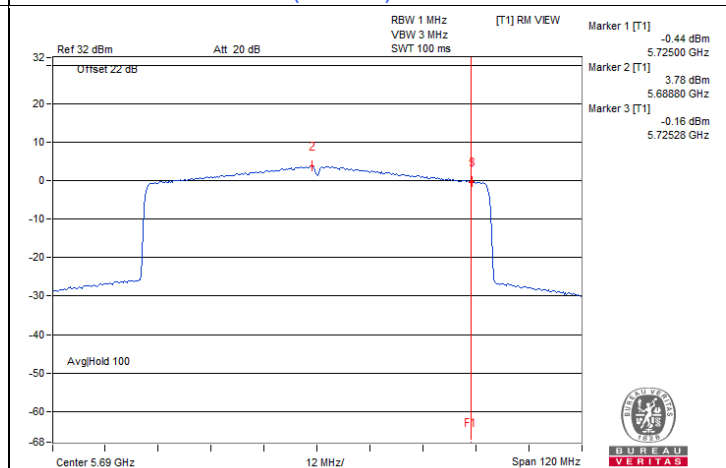
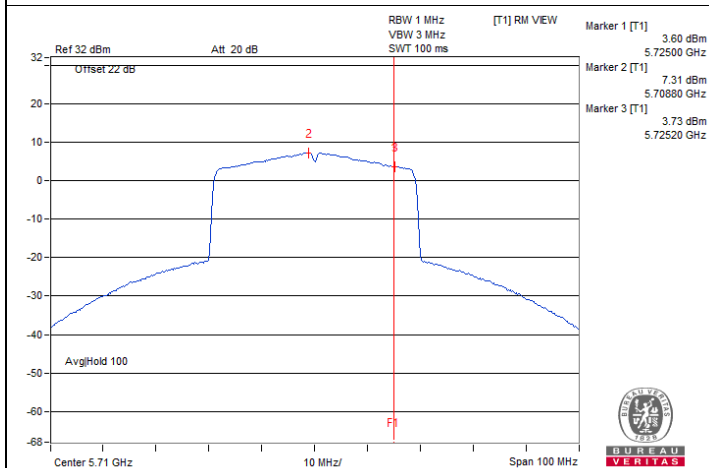
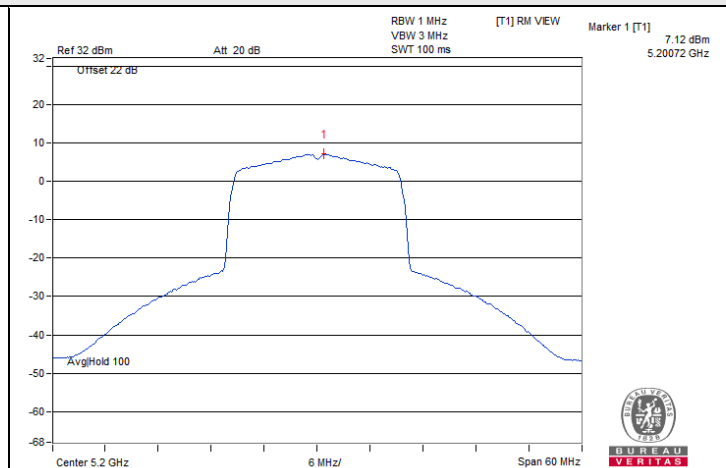
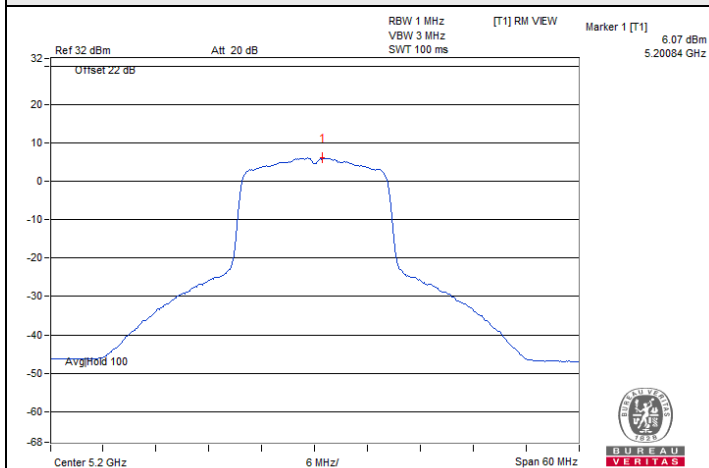
Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

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

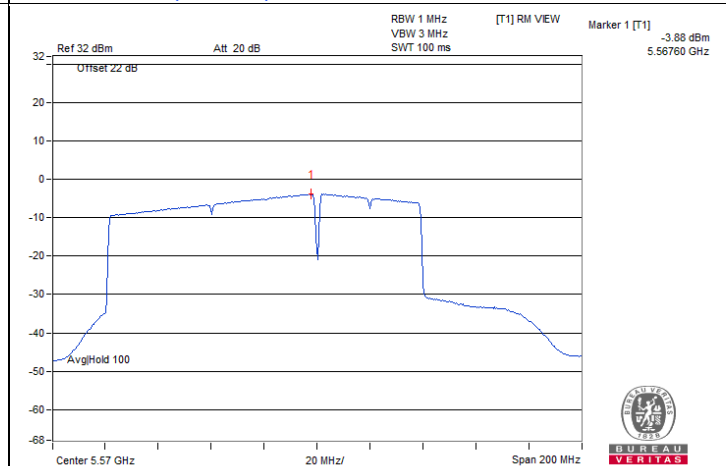
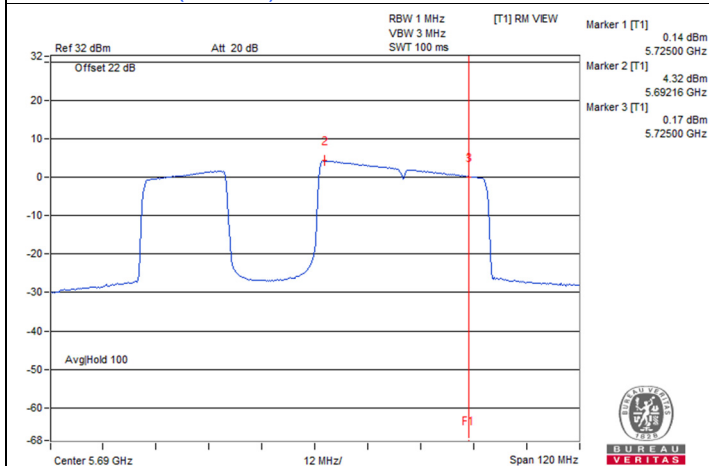
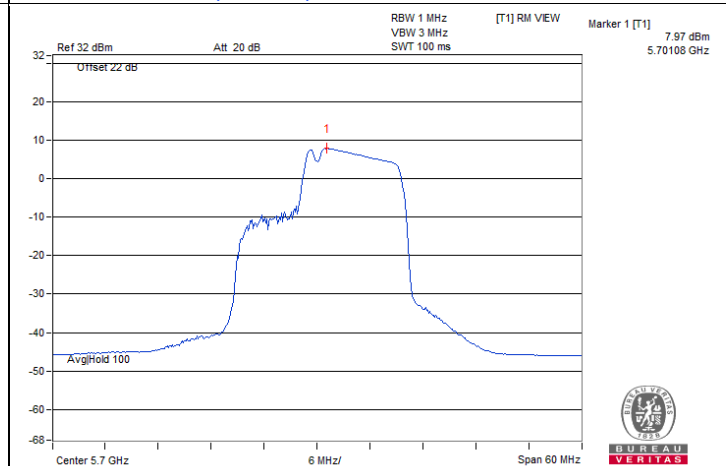
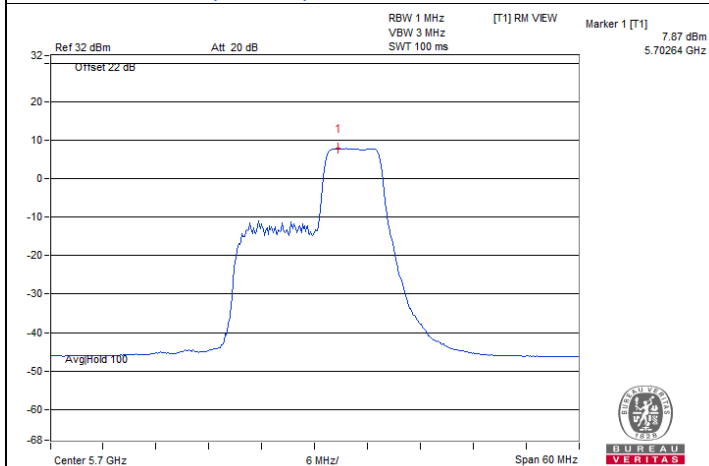
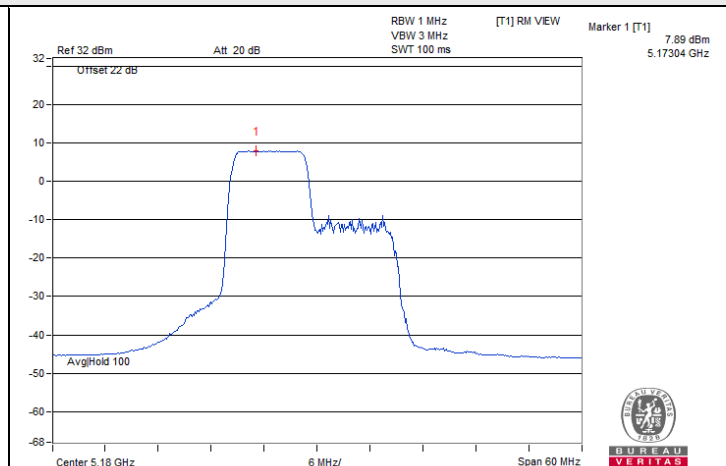
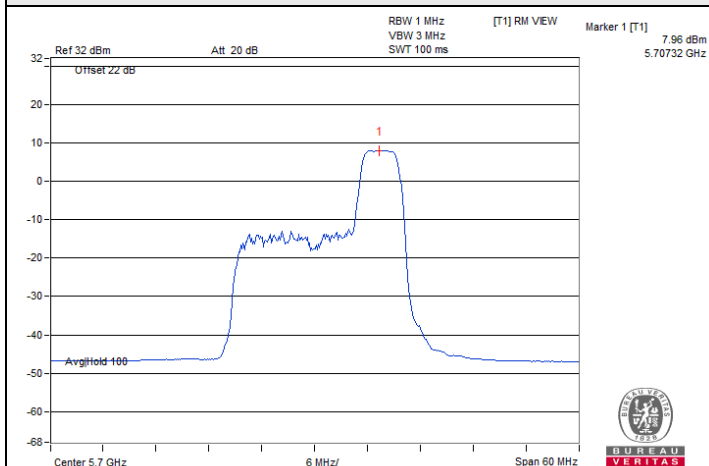
Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
138 (U-NII-3)	5690	-5.05	0.28	-2.55	27.63	Pass
155	5775	-0.92	0.28	1.58	27.63	Pass

Note: For U-NII-3, the antenna gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

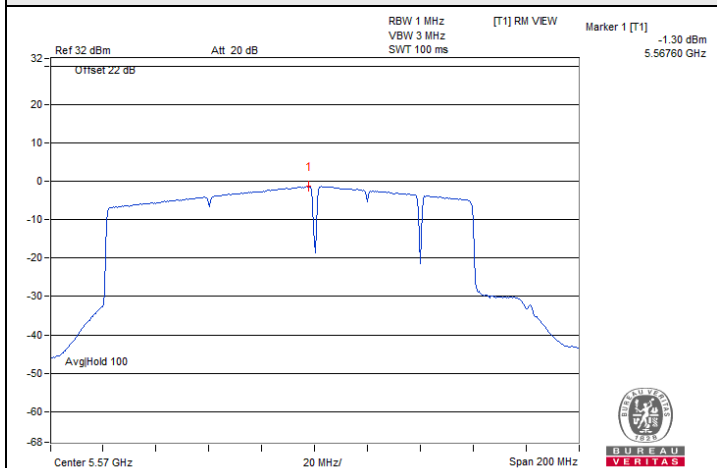
Spectrum Plot of Maximum Value



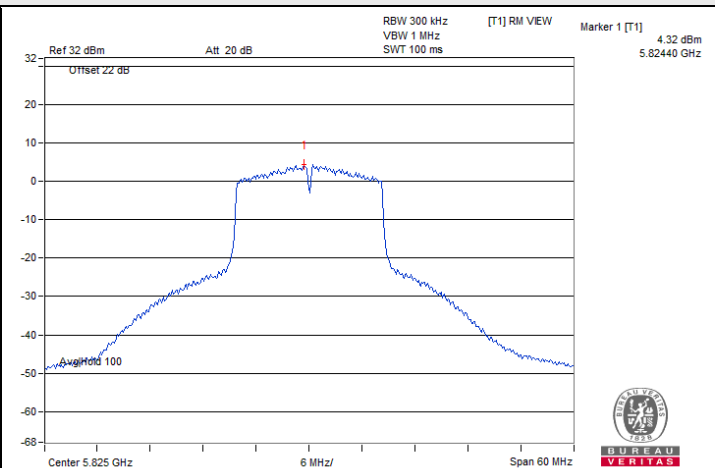
Spectrum Plot of Maximum Value



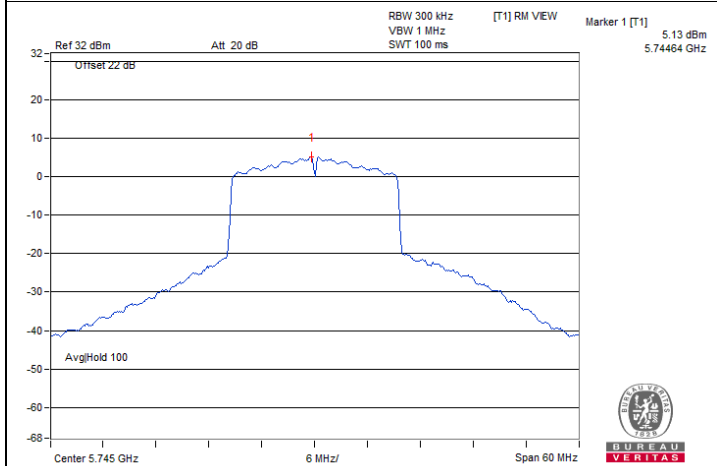
Spectrum Plot of Maximum Value



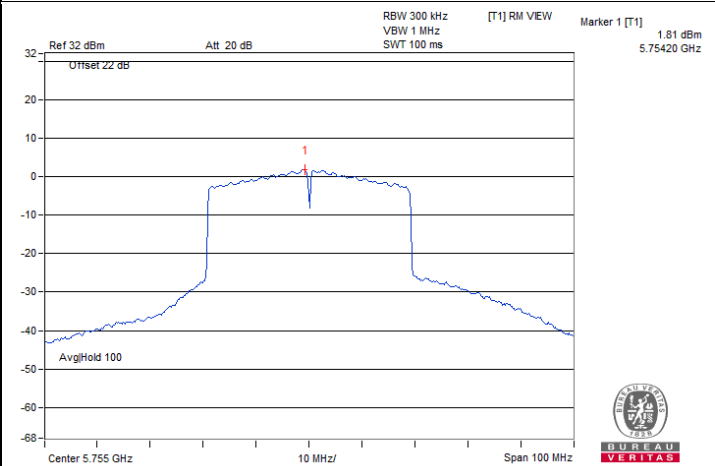
802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 114



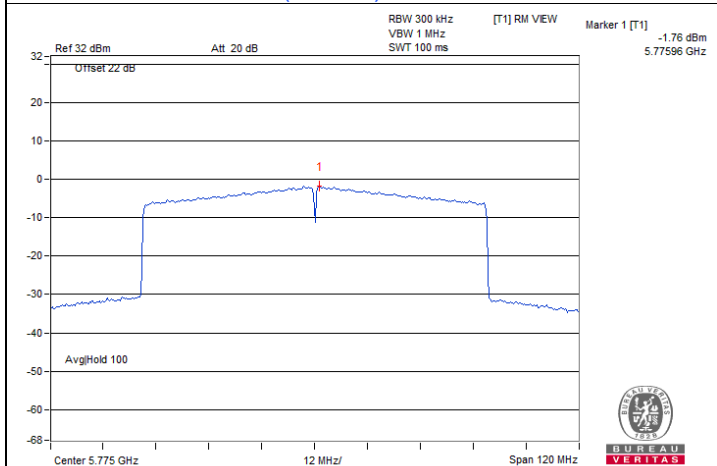
802.11a 1TX : CH 165



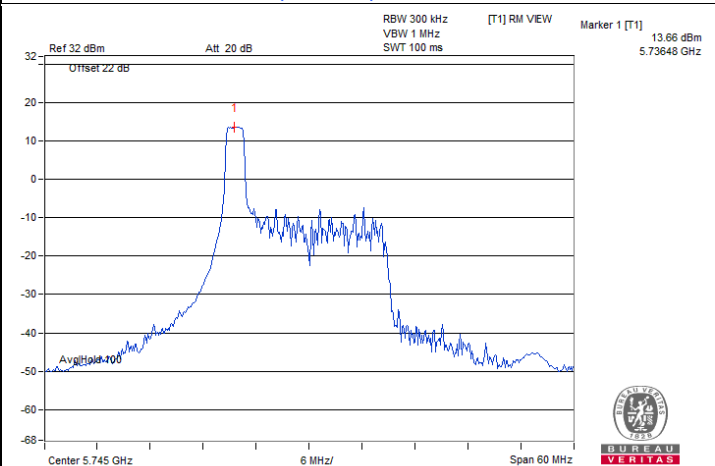
802.11be (EHT20) 1S1T : CH 149



802.11be (EHT40) 1S1T : CH 151

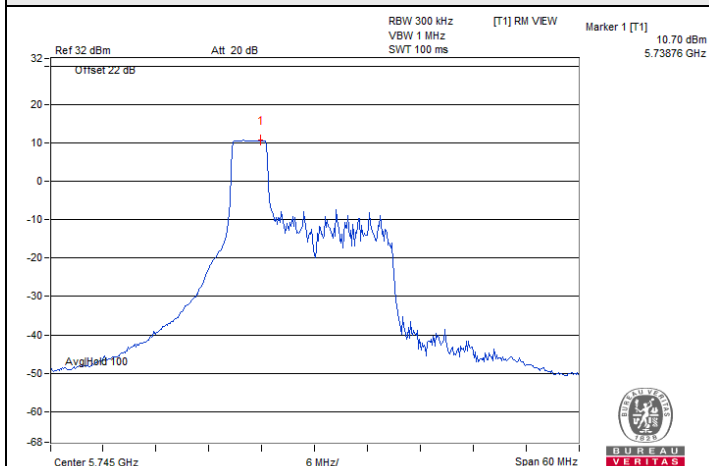


802.11be (EHT80) 1S1T : CH 155

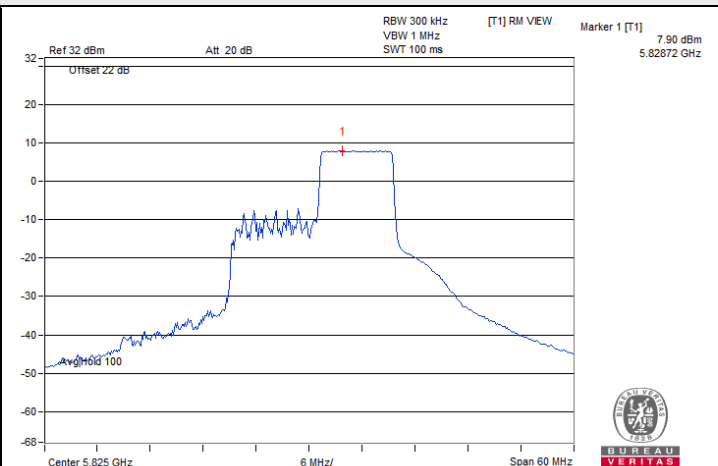


802.11be (EHT20) 26-tone RU 1S1T : CH 149

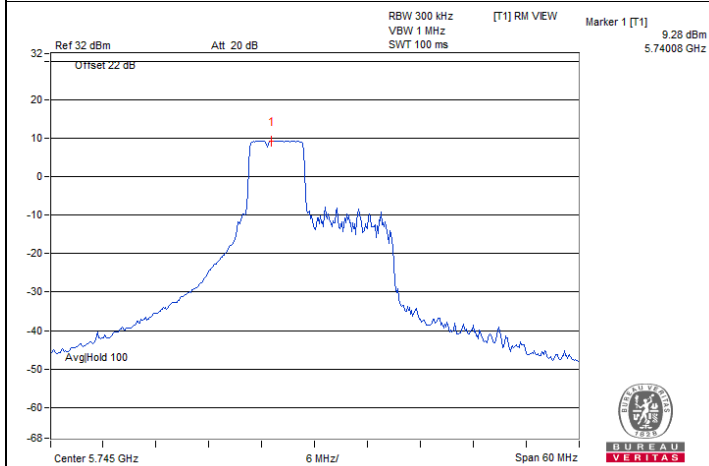
Spectrum Plot of Maximum Value



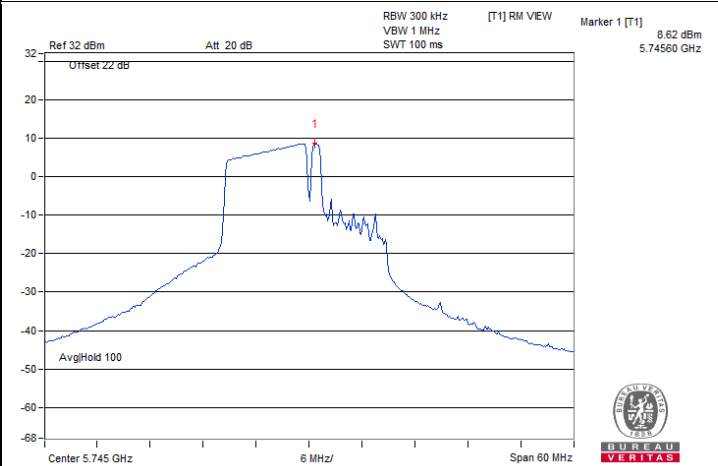
802.11be (EHT20) 52-tone RU 1S1T : CH 149



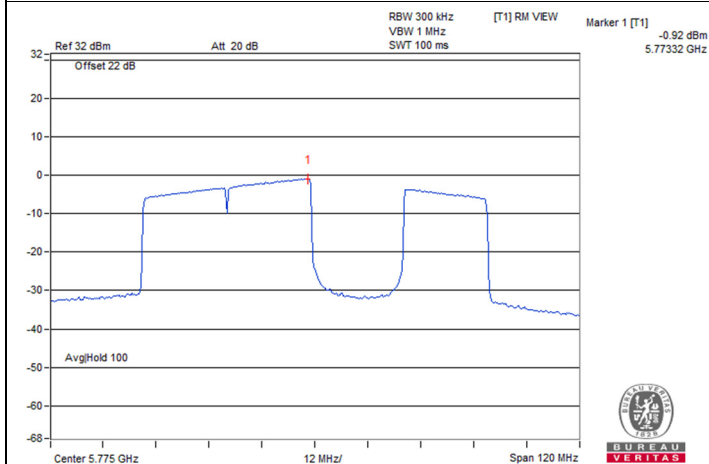
802.11be (EHT20) 106-tone RU 1S1T : CH 165



802.11be (EHT20) 52+26-tone MRU 1S1T : CH 149



802.11be (EHT20) 106+26-tone MRU 1S1T : CH 149



802.11be (EHT80) 484+242-tone MRU 1S1T : CH 155

Input Power:	3.3 Vdc	Environmental Conditions:	20°C, 60% RH	Tested By:	Henry Hsu
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802.11a 2TX

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	-0.06	0.07	2.05	5.07	5.62	Pass
40	5200	-0.01	-0.05	2.05	5.03	5.62	Pass
48	5240	0.16	-0.18	2.05	5.05	5.62	Pass
52	5260	-0.05	0.14	2.05	5.11	5.62	Pass
60	5300	0.07	0.13	2.05	5.16	5.62	Pass
64	5320	0.09	0.14	2.05	5.18	5.62	Pass
100	5500	0.11	-0.09	2.05	5.07	5.62	Pass
116	5580	0.13	0.00	2.05	5.13	5.62	Pass
140	5700	0.35	0.00	2.05	5.24	5.62	Pass
144 (U-NII-2C)	5720	0.33	-0.04	2.05	5.21	5.62	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-1, the directional gain is 11.38 dBi > 6dBi, so the power density limit shall be reduced to 11-(11.38-6) = 5.62 dBm/MHz.
4. For U-NII-2A, the directional gain is 11.38 dBi > 6 dBi, so the power density limit shall be reduced to 11-(11.38-6) = 5.62 dBm/MHz.
5. For U-NII-2C, the directional gain is 11.38 dBi > 6 dBi, so the power density limit shall be reduced to 11-(11.38-6) = 5.62 dBm/MHz.

802.11be (EHT20) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	2.89	2.83	1.84	7.71	8.63	Pass
40	5200	3.00	2.75	1.84	7.73	8.63	Pass
48	5240	3.08	3.07	1.84	7.93	8.63	Pass
52	5260	2.91	2.70	1.84	7.66	8.63	Pass
60	5300	2.98	2.94	1.84	7.81	8.63	Pass
64	5320	3.30	2.72	1.84	7.87	8.63	Pass
100	5500	3.12	2.81	1.84	7.82	8.63	Pass
116	5580	3.40	2.88	1.84	8.00	8.63	Pass
140	5700	3.31	3.17	1.84	8.09	8.63	Pass
144 (U-NII-2C)	5720	3.23	2.95	1.84	7.94	8.63	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
- For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
- For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT40) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
38	5190	0.12	0.21	1.82	5.00	8.63	Pass
46	5230	0.59	0.37	1.82	5.31	8.63	Pass
54	5270	0.96	0.99	1.82	5.81	8.63	Pass
62	5310	0.80	0.93	1.82	5.70	8.63	Pass
102	5510	1.68	1.75	1.82	6.55	8.63	Pass
110	5550	2.03	1.93	1.82	6.81	8.63	Pass
134	5670	2.09	1.91	1.82	6.83	8.63	Pass
142 (U-NII-2C)	5710	1.88	1.70	1.82	6.62	8.63	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
- For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
- For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT80) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
42	5210	-3.83	-4.09	1.80	0.85	8.63	Pass
58	5290	-3.07	-3.13	1.80	1.71	8.63	Pass
106	5530	-0.99	-1.02	1.80	3.81	8.63	Pass
122	5610	-0.50	-1.09	1.80	4.03	8.63	Pass
138 (U-NII-2C)	5690	-0.27	-0.23	1.80	4.56	8.63	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11be (EHT160) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
50 (U-NII-1)	5250	-6.52	-7.63	1.56	-2.47	8.63	Pass
50 (U-NII-2A)	5250	-6.90	-7.24	1.56	-2.50	8.63	Pass
114	5570	-5.39	-5.90	1.56	-1.07	8.63	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	4.55	4.73	0.42	8.07	8.63	Pass
64	5320	4.47	4.68	0.42	8.01	8.63	Pass
100	5500	4.57	4.71	0.42	8.07	8.63	Pass
140	5700	4.55	4.10	0.42	7.76	8.63	Pass
144 (U-NII-2C)	5720	-18.05	-16.70	0.42	-13.89	8.63	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	4.48	4.79	0.36	8.01	8.63	Pass
64	5320	4.31	4.32	0.36	7.69	8.63	Pass
100	5500	4.47	4.51	0.36	7.86	8.63	Pass
140	5700	4.91	4.65	0.36	8.15	8.63	Pass
144 (U-NII-2C)	5720	-6.22	-6.77	0.36	-3.12	8.63	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	4.60	4.74	0.32	8.00	8.63	Pass
64	5320	4.56	4.53	0.32	7.88	8.63	Pass
100	5500	4.59	4.52	0.32	7.89	8.63	Pass
140	5700	4.72	4.56	0.32	7.97	8.63	Pass
144 (U-NII-2C)	5720	4.83	4.35	0.32	7.93	8.63	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
- For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
- For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	4.79	4.82	0.28	8.10	8.63	Pass
64	5320	4.86	4.73	0.28	8.09	8.63	Pass
100	5500	4.81	4.86	0.28	8.13	8.63	Pass
140	5700	4.73	4.50	0.28	7.91	8.63	Pass
144 (U-NII-2C)	5720	4.89	4.41	0.28	7.95	8.63	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
- For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
- For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	4.78	4.62	0.27	7.98	8.63	Pass
64	5320	4.80	4.54	0.27	7.95	8.63	Pass
100	5500	4.60	4.62	0.27	7.89	8.63	Pass
140	5700	5.01	4.68	0.27	8.13	8.63	Pass
144 (U-NII-2C)	5720	4.96	4.74	0.27	8.13	8.63	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
42	5210	-5.54	-5.67	0.35	-2.24	8.63	Pass
58	5290	-5.06	-5.24	0.35	-1.79	8.63	Pass
106	5530	-2.78	-2.87	0.35	0.54	8.63	Pass
138 (U-NII-2C)	5690	0.57	0.36	0.35	3.83	8.63	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
50 (U-NII-1)	5250	-9.08	-9.66	0.36	-5.99	8.63	Pass
50 (U-NII-2A)	5250	-8.96	-9.33	0.36	-5.77	8.63	Pass
114	5570	-4.44	-4.55	0.36	-1.12	8.63	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

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)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
50 (U-NII-1)	5250	-6.39	-6.71	0.41	-3.13	8.63	Pass
50 (U-NII-2A)	5250	-6.37	-6.55	0.41	-3.04	8.63	Pass
114	5570	-3.43	-3.52	0.41	-0.05	8.63	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1, the directional gain is 8.37 dBi > 6dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $11-(8.37-6) = 8.63$ dBm/MHz.

802.11a 2TX

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-6.64	-7.11	-3.86	2.05	0.41	24.62	Pass
149	5745	4.41	4.30	7.37	2.05	11.64	24.62	Pass
157	5785	4.11	4.08	7.11	2.05	11.38	24.62	Pass
165	5825	4.44	4.36	7.41	2.05	11.68	24.62	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-3, the directional gain is 11.38 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (11.38 - 6) = 24.62$ dBm/500kHz.

802.11be (EHT20) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-4.31	-4.49	-1.39	1.84	2.67	27.63	Pass
149	5745	5.09	4.93	8.02	1.84	12.08	27.63	Pass
157	5785	4.85	4.81	7.84	1.84	11.90	27.63	Pass
165	5825	5.21	5.03	8.13	1.84	12.19	27.63	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (8.37 - 6) = 27.63$ dBm/500kHz.

802.11be (EHT40) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-6.33	-7.10	-3.69	1.82	0.35	27.63	Pass
151	5755	0.90	0.63	3.78	1.82	7.82	27.63	Pass
159	5795	0.84	0.57	3.72	1.82	7.76	27.63	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (8.37 - 6) = 27.63$ dBm/500kHz.

802.11be (EHT80) 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-9.52	-9.77	-6.63	1.8	-2.61	27.63	Pass
155	5775	-3.55	-3.80	-0.66	1.8	3.36	27.63	Pass

Notes:

- Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
- For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-0.71	-0.96	2.18	0.42	4.82	27.63	Pass
149	5745	13.45	13.27	16.37	0.42	19.01	27.63	Pass
165	5825	13.43	13.14	16.3	0.42	18.94	27.63	Pass

Notes:

- Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
- For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-0.53	-0.98	2.26	0.36	4.84	27.63	Pass
149	5745	11.02	10.92	13.98	0.36	16.56	27.63	Pass
165	5825	10.91	10.61	13.77	0.36	16.35	27.63	Pass

Notes:

- Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
- For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

802.11be (EHT20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-0.39	-0.84	2.4	0.32	4.94	27.63	Pass
149	5745	7.84	7.71	10.79	0.32	13.33	27.63	Pass
165	5825	7.75	7.61	10.69	0.32	13.23	27.63	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

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

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-0.40	-0.82	2.41	0.28	4.91	27.63	Pass
149	5745	9.25	9.12	12.2	0.28	14.70	27.63	Pass
165	5825	9.17	8.97	12.08	0.28	14.58	27.63	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

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

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-2.05	-2.47	0.76	0.27	3.25	27.63	Pass
149	5745	8.41	8.32	11.38	0.27	13.87	27.63	Pass
165	5825	8.65	8.34	11.51	0.27	14.00	27.63	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30-(8.37-6) = 27.63$ dBm/500kHz.

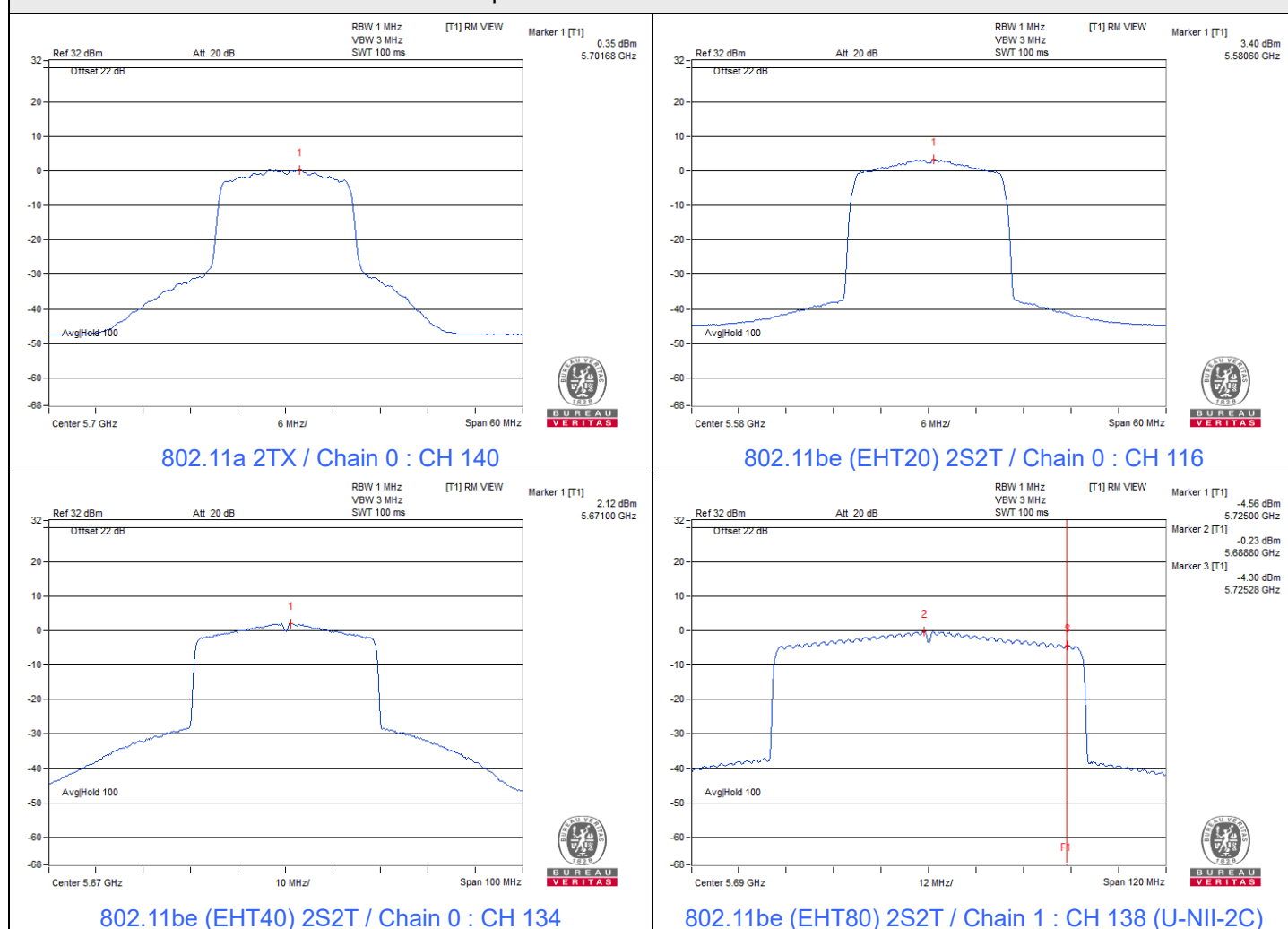
802.11be (EHT80) 484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-8.76	-8.66	-5.7	0.35	-3.13	27.63	Pass
155	5775	-1.54	-1.74	1.37	0.35	3.94	27.63	Pass

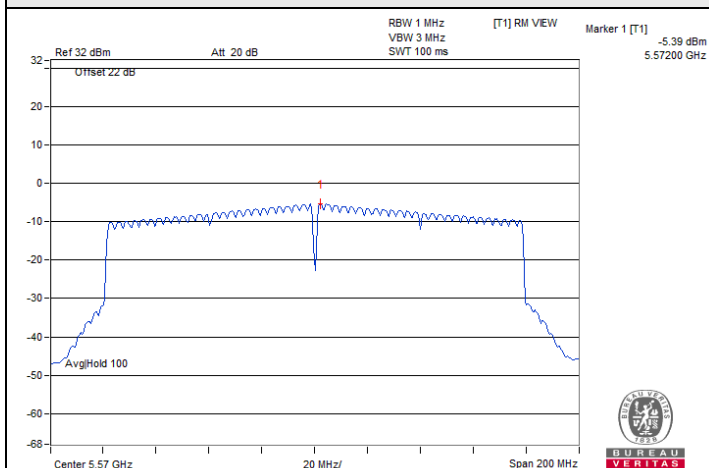
Notes:

- Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
- For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (8.37 - 6) = 27.63$ dBm/500kHz.

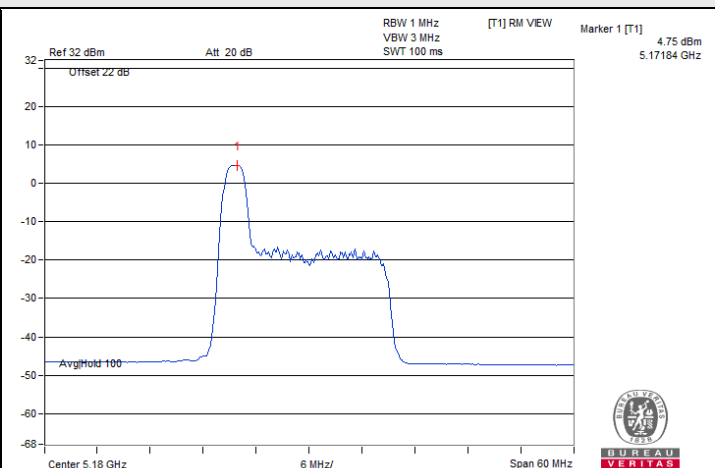
Spectrum Plot of Maximum Value



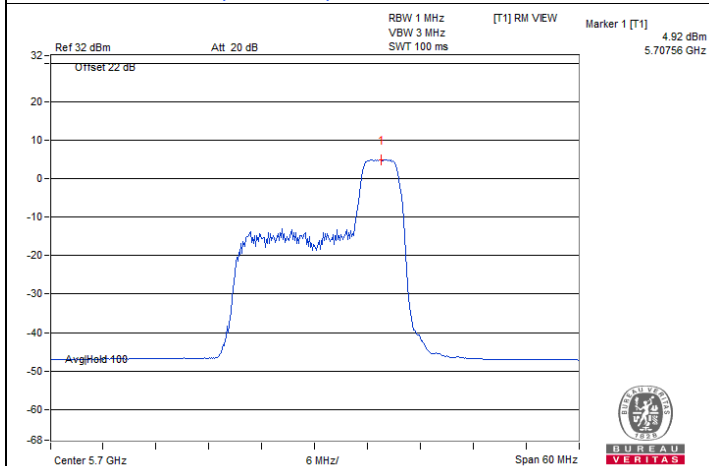
Spectrum Plot of Maximum Value



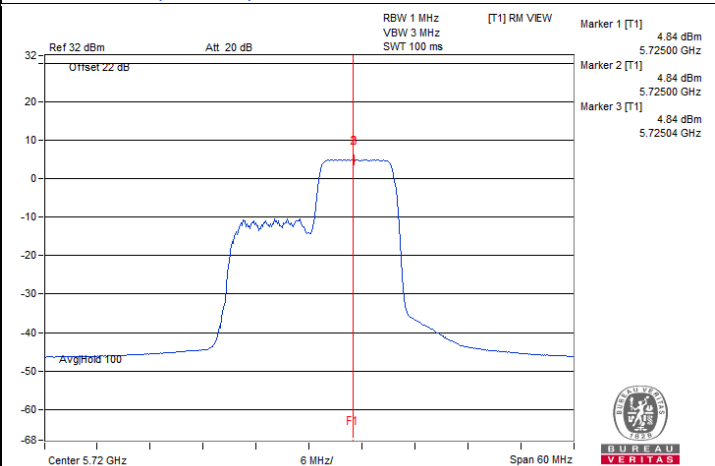
802.11be (EHT160) 2S2T / Chain 0 : CH 114



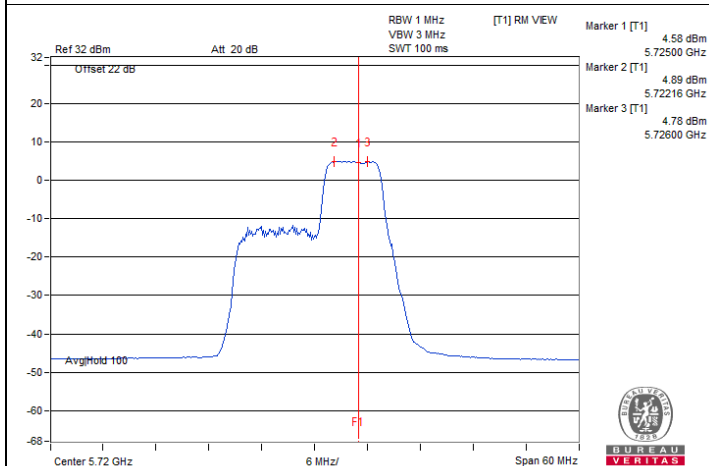
802.11be (EHT20) 26-tone RU 2S2T / Chain 1 : CH 36



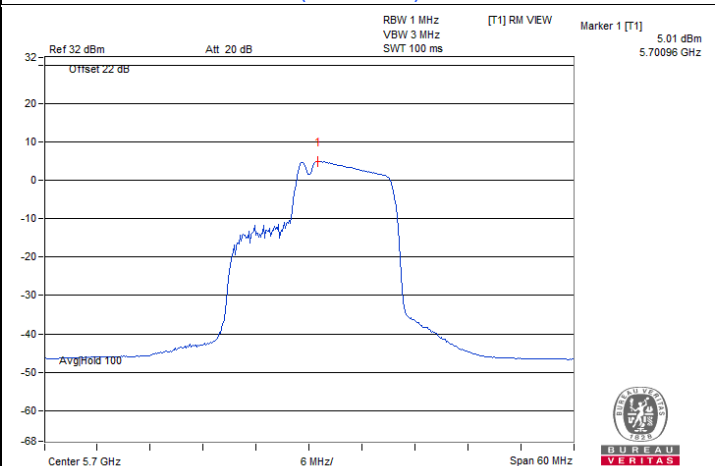
802.11be (EHT20) 52-tone RU 2S2T / Chain 0 : CH 140



802.11be (EHT20) 106-tone RU 2S2T / Chain 0 : CH 144 (U-NII-2C)

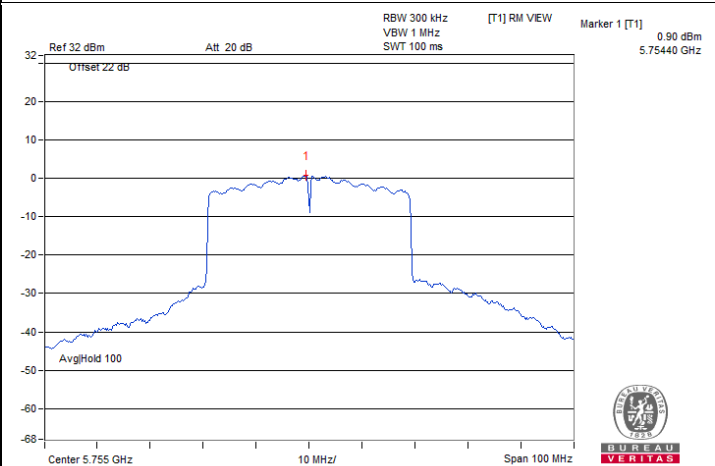
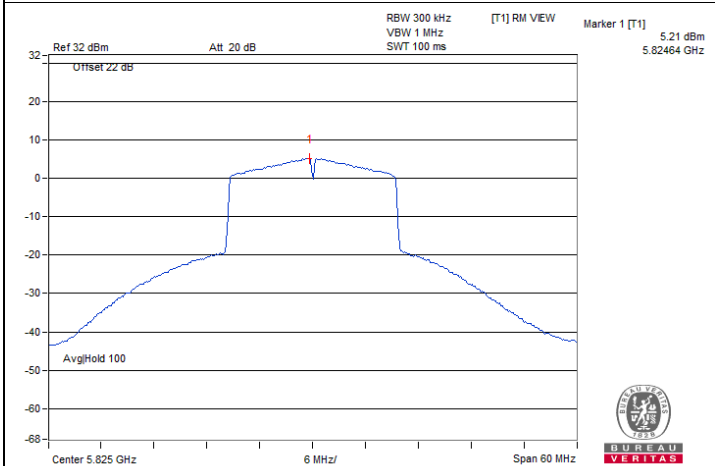
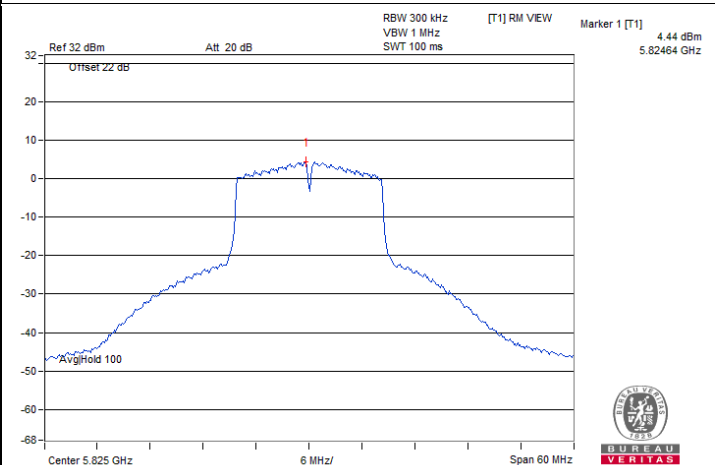
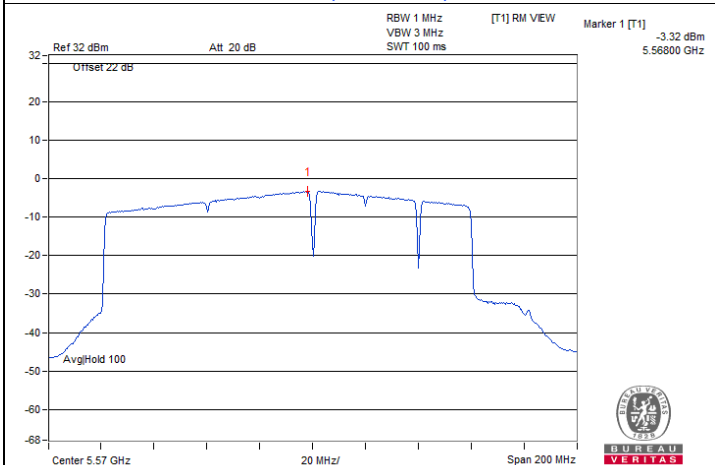
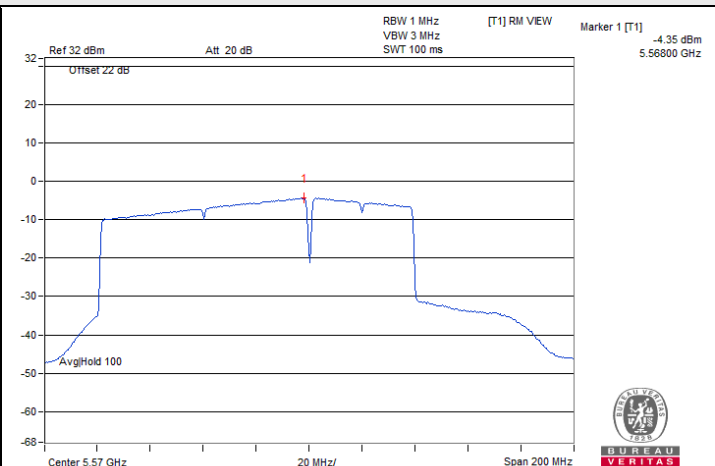
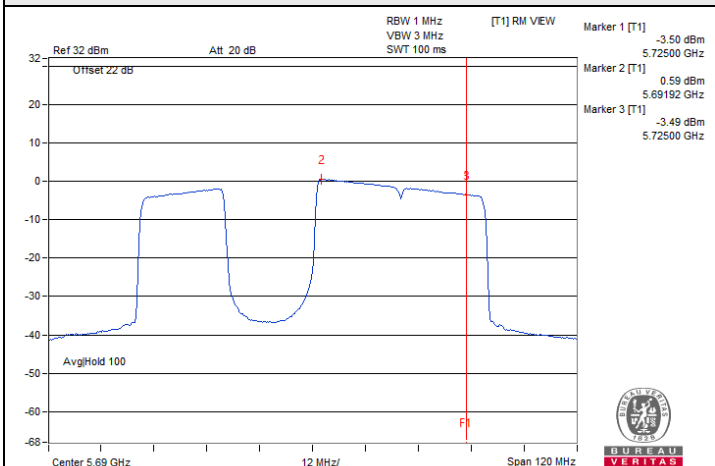


802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0 : CH 144 (U-NII-2C)

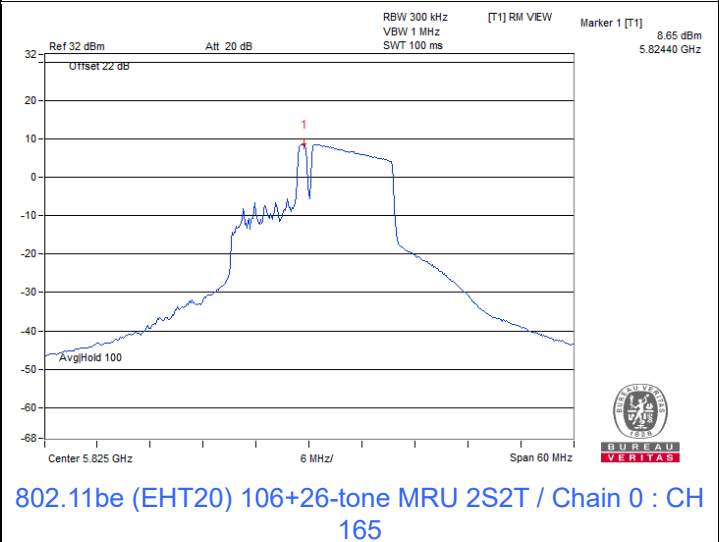
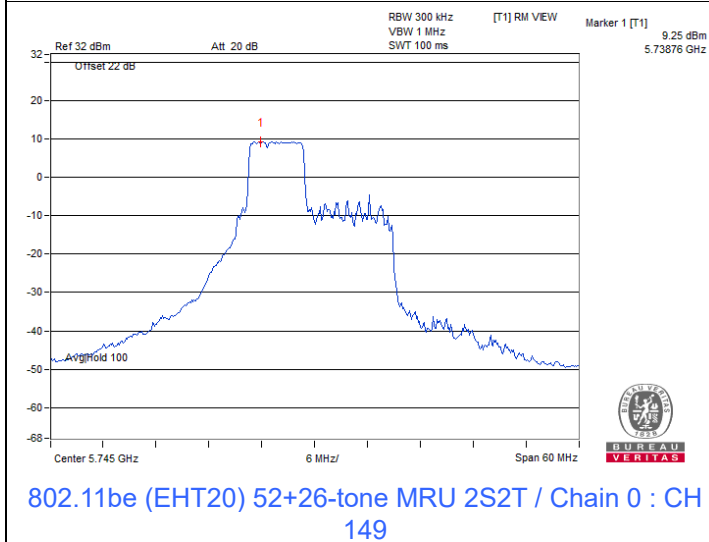
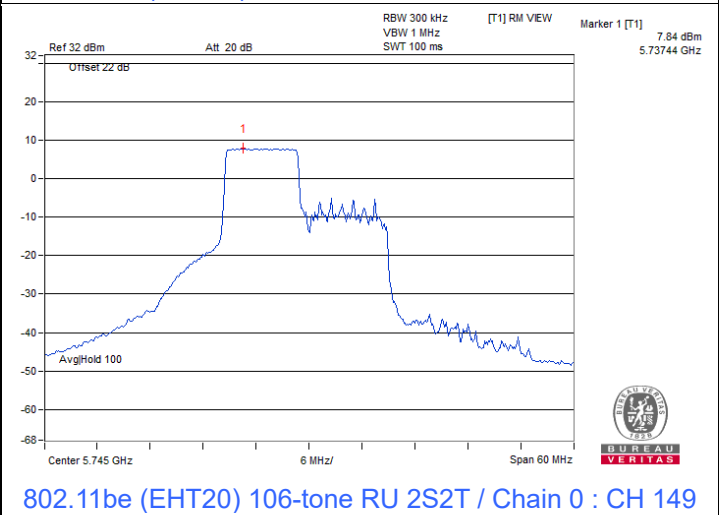
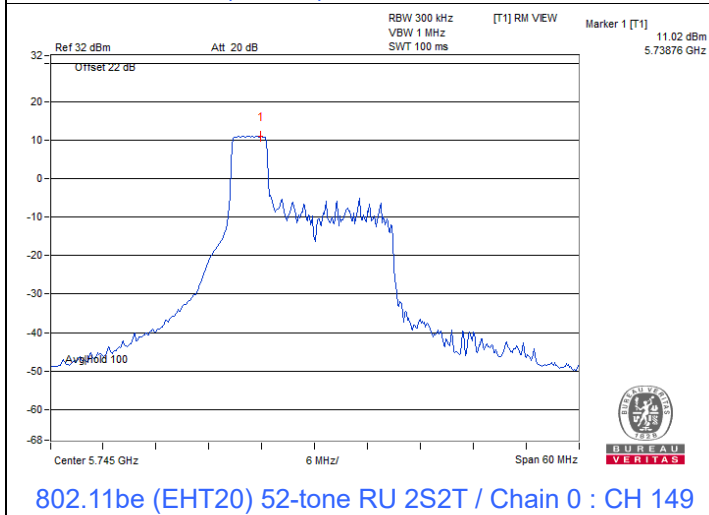
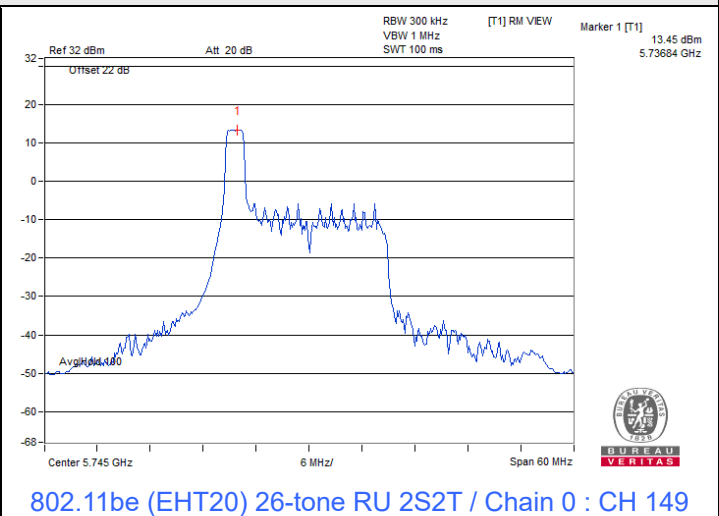
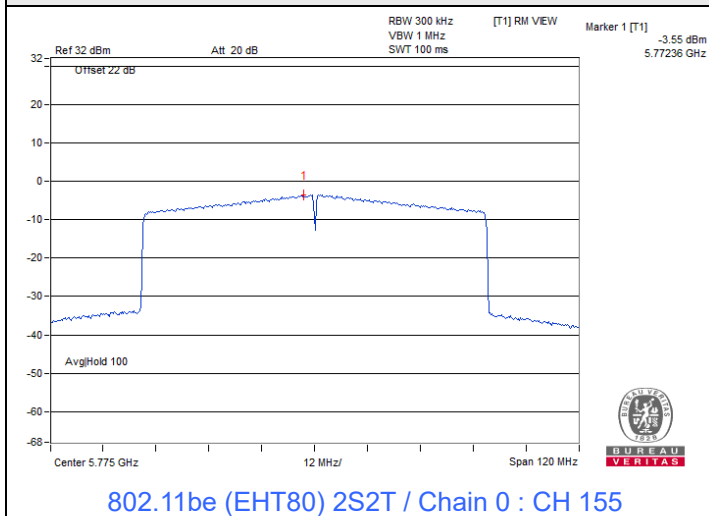


802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0 : CH 140

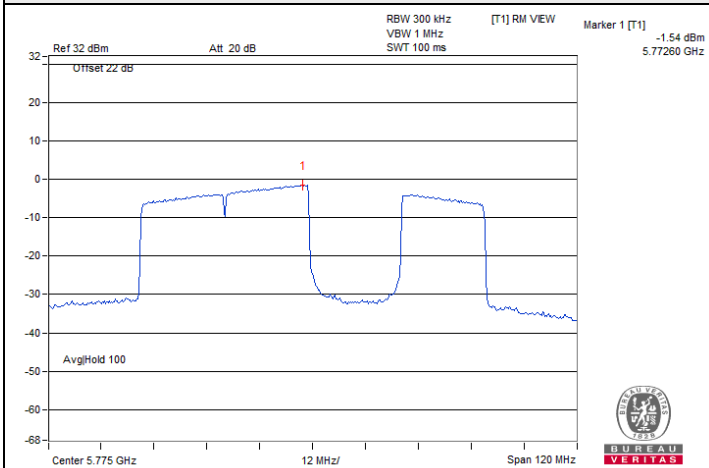
Spectrum Plot of Maximum Value



Spectrum Plot of Maximum Value



Spectrum Plot of Maximum Value



802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0 : CH
155

7.4 6 dB Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	20°C, 60% RH	Tested By:	Henry Hsu
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802.11a 1TX

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	3.16	0.5	Pass
149	5745	15.12	0.5	Pass
157	5785	15.06	0.5	Pass
165	5825	14.95	0.5	Pass

802.11be (EHT20) 1S1T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.45	0.5	Pass
149	5745	18.41	0.5	Pass
157	5785	18.4	0.5	Pass
165	5825	17.91	0.5	Pass

802.11be (EHT40) 1S1T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
142 (U-NII-3)	5710	0.75	0.5	Pass
151	5755	37.46	0.5	Pass
159	5795	36.15	0.5	Pass

802.11be (EHT80) 1S1T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
138 (U-NII-3)	5690	1.72	0.5	Pass
155	5775	75.32	0.5	Pass

802.11be (EHT20) 26-tone RU 1S1T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.5	0.5	Pass
149	5745	2.1	0.5	Pass
165	5825	2.1	0.5	Pass

802.11be (EHT20) 52-tone RU 1S1T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.5	0.5	Pass
149	5745	17.07	0.5	Pass
165	5825	17.05	0.5	Pass

802.11be (EHT20) 106-tone RU 1S1T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.52	0.5	Pass
149	5745	17.15	0.5	Pass
165	5825	17.14	0.5	Pass

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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	2.55	0.5	Pass
149	5745	15.14	0.5	Pass
165	5825	15.14	0.5	Pass

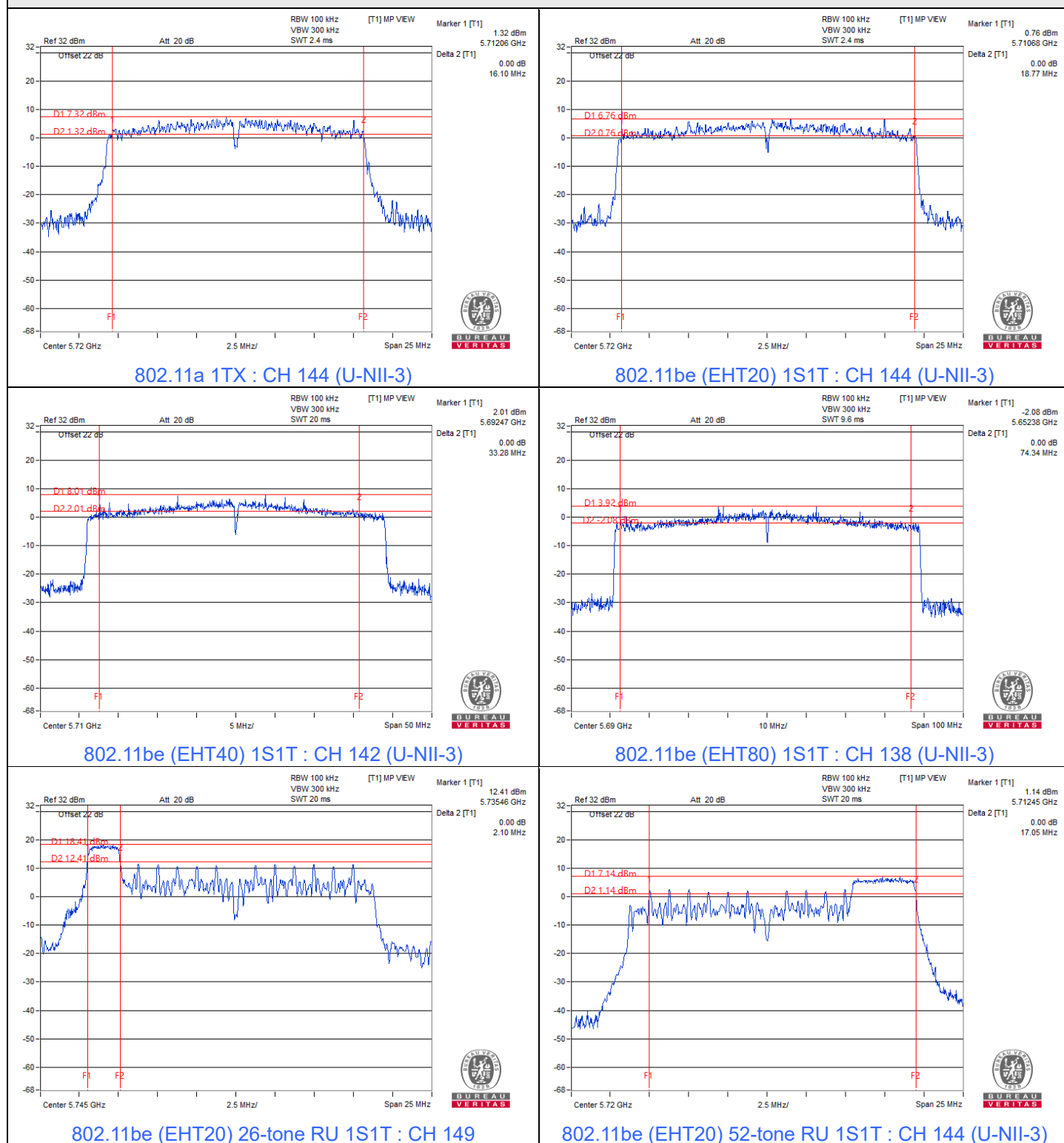
802.11be (EHT20) 106+26-tone MRU 1S1T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
144 (U-NII-3)	5720	4.39	0.5	Pass
149	5745	17	0.5	Pass
165	5825	17.01	0.5	Pass

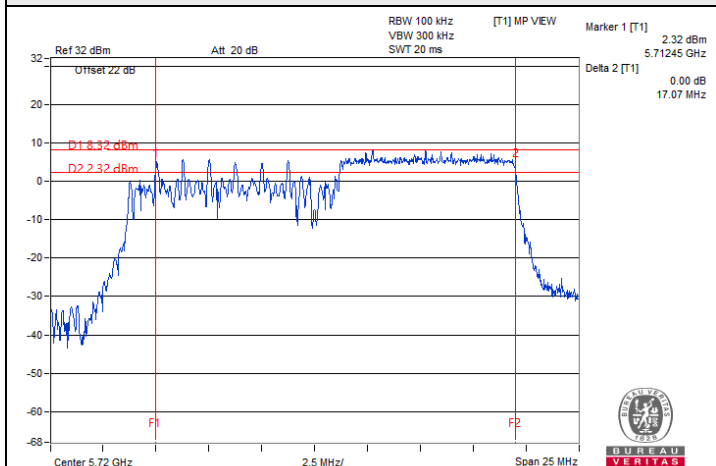
802.11be (EHT80) 484+242-tone MRU 1S1T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Test Result
138 (U-NII-3)	5690	2.59	0.5	Pass
155	5775	73.27	0.5	Pass

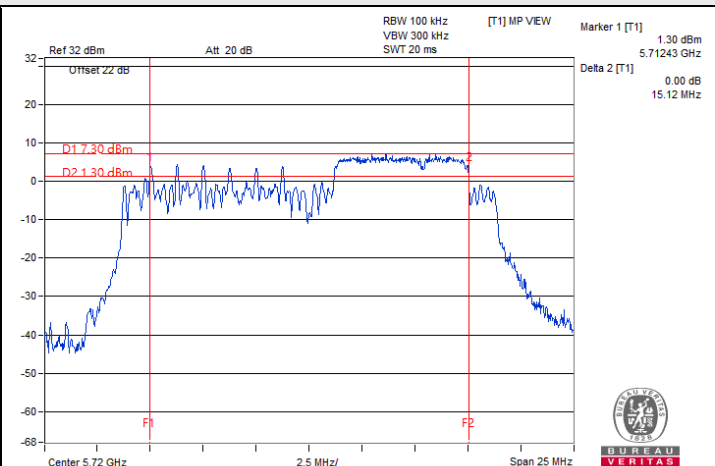
Spectrum Plot of Minimum Value



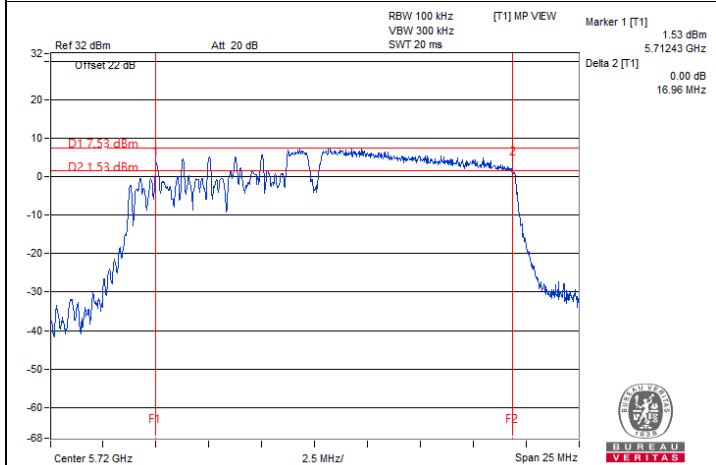
Spectrum Plot of Minimum Value



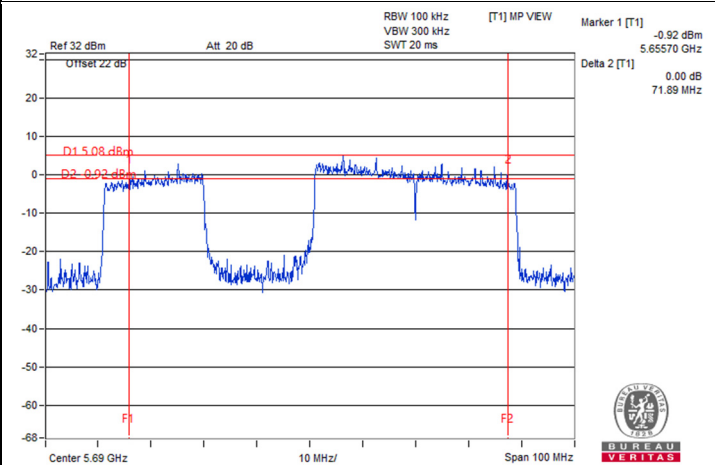
802.11be (EHT20) 106-tone RU 1S1T : CH 144 (U-NII-3)



802.11be (EHT20) 52+26-tone MRU 1S1T : CH 144 (U-NII-3)



802.11be (EHT20) 106+26-tone MRU 1S1T : CH 144 (U-NII-3)



802.11be (EHT80) 484+242-tone MRU 1S1T : CH 138 (U-NII-3)

Note: For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz

Input Power:	3.3 Vdc	Environmental Conditions:	20°C, 60% RH	Tested By:	Henry Hsu
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802.11a 2TX

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	2.88	2.54	0.5	Pass
149	5745	15.01	15.66	0.5	Pass
157	5785	15.12	14.99	0.5	Pass
165	5825	15.11	15.08	0.5	Pass

802.11be (EHT20) 2S2T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	3.50	3.35	0.5	Pass
149	5745	18.14	17.98	0.5	Pass
157	5785	18.03	16.76	0.5	Pass
165	5825	17.13	18.28	0.5	Pass

802.11be (EHT40) 2S2T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
142 (U-NII-3)	5710	2.55	3.00	0.5	Pass
151	5755	35.07	34.89	0.5	Pass
159	5795	34.70	33.91	0.5	Pass

802.11be (EHT80) 2S2T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
138 (U-NII-3)	5690	2.52	2.54	0.5	Pass
155	5775	76.11	77.54	0.5	Pass

802.11be (EHT20) 26-tone RU 2S2T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	4.53	4.50	0.5	Pass
149	5745	2.07	2.10	0.5	Pass
165	5825	2.06	2.10	0.5	Pass

802.11be (EHT20) 52-tone RU 2S2T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	4.47	4.49	0.5	Pass
149	5745	17.08	17.02	0.5	Pass
165	5825	17.07	17.04	0.5	Pass

802.11be (EHT20) 106-tone RU 2S2T

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	4.56	4.55	0.5	Pass
149	5745	17.15	17.16	0.5	Pass
165	5825	17.13	17.15	0.5	Pass

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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	2.56	2.55	0.5	Pass
149	5745	15.13	15.11	0.5	Pass
165	5825	15.14	15.12	0.5	Pass

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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	4.41	4.43	0.5	Pass
149	5745	16.98	16.99	0.5	Pass
165	5825	16.87	16.97	0.5	Pass