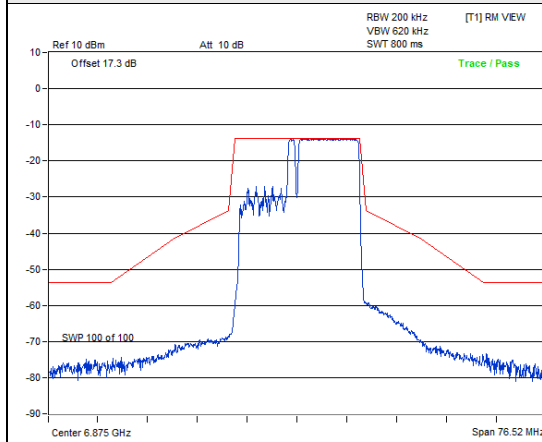
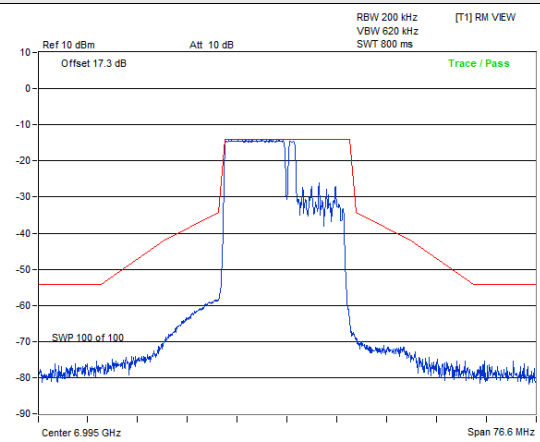


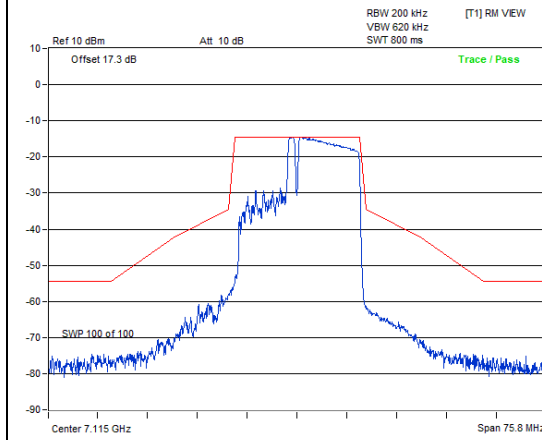
Spectrum Plot



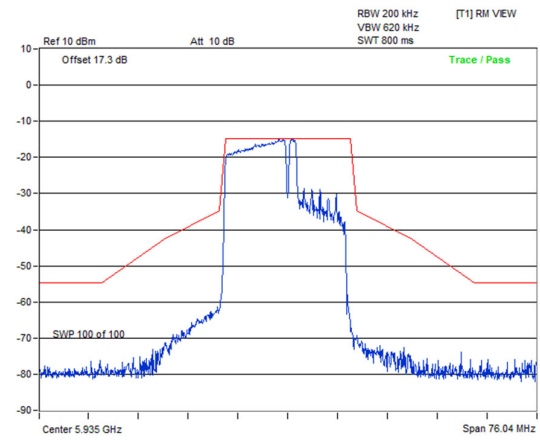
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0: CH
185



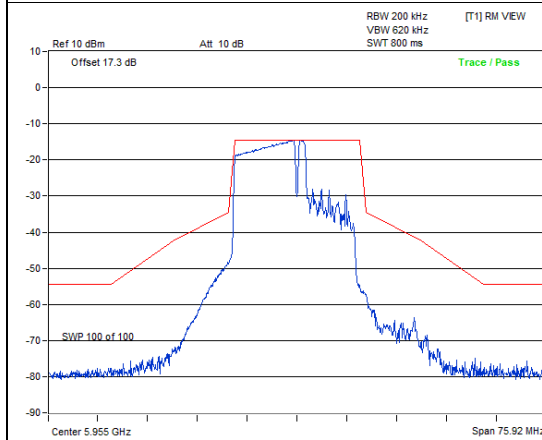
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0: CH
209



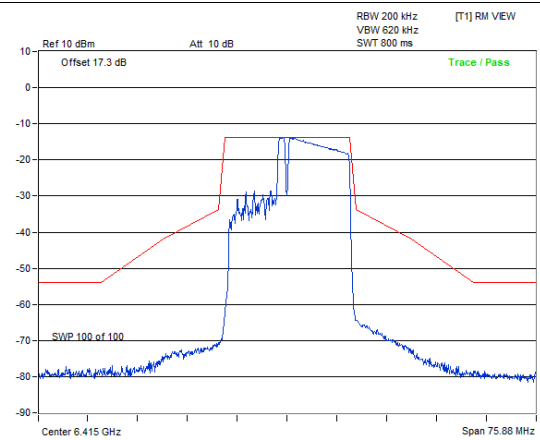
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0: CH
233



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

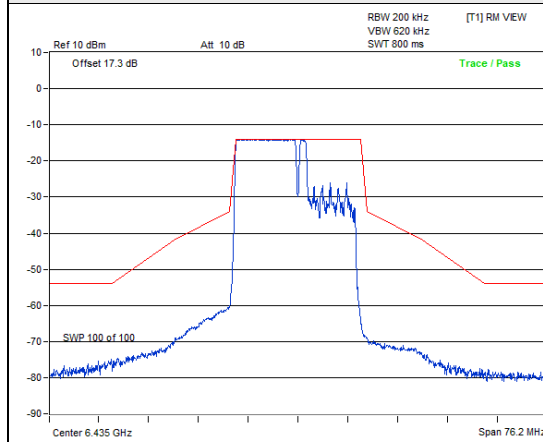


802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH 1

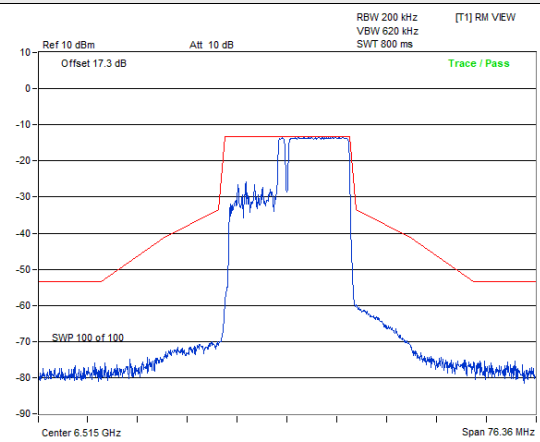


802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH
93

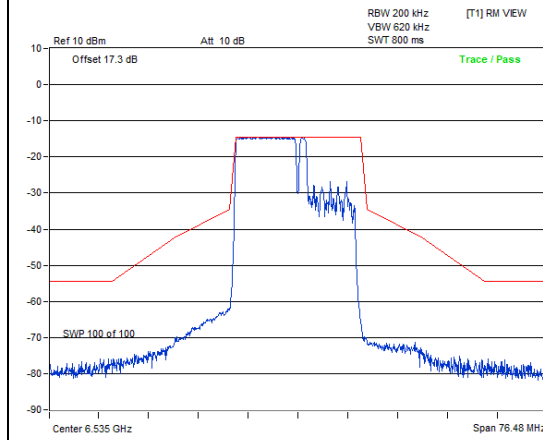
Spectrum Plot



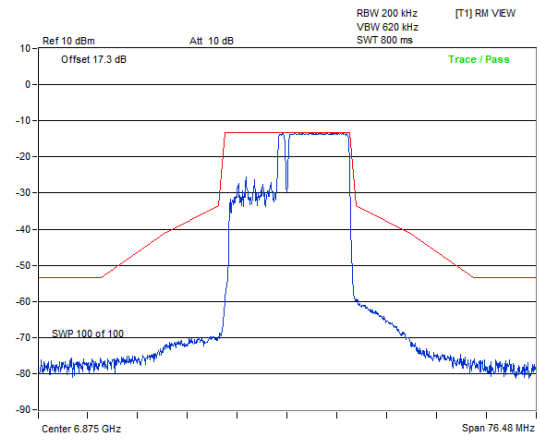
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH
97



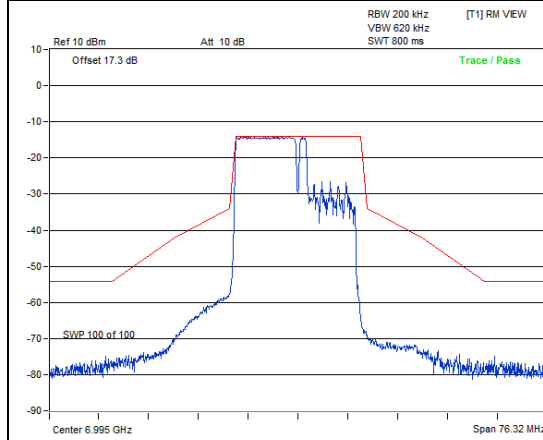
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH
113



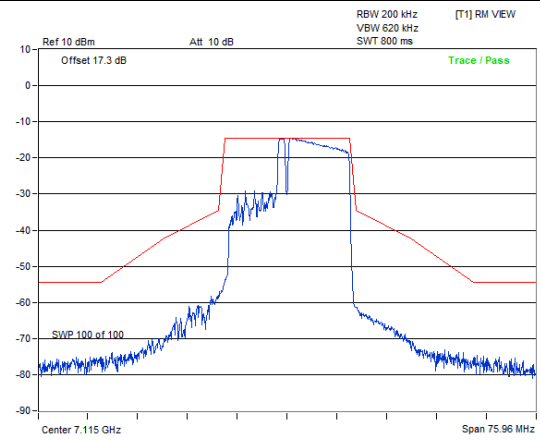
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH
117



802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH
185



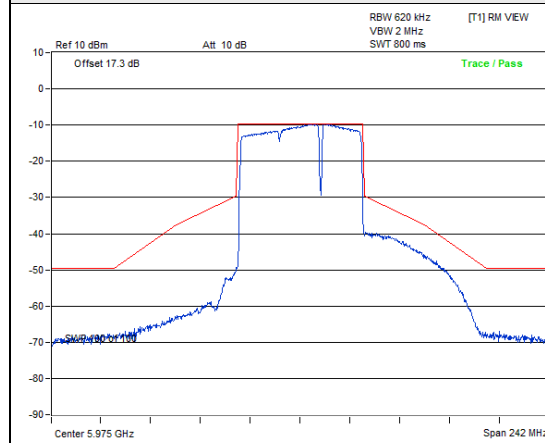
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH
209



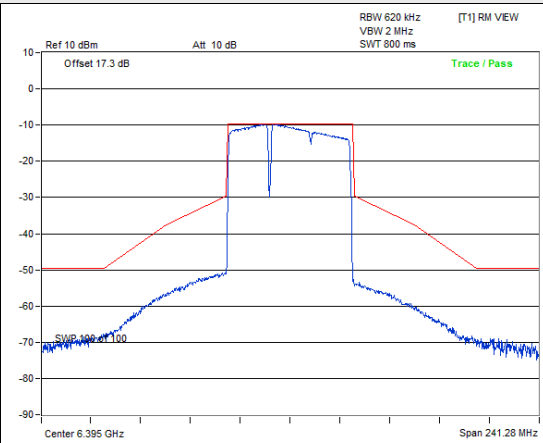
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH
233

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

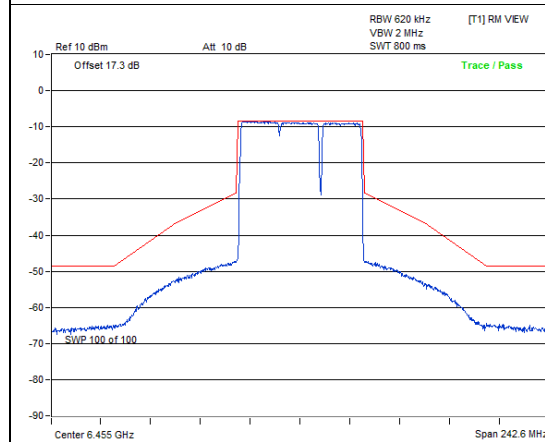
Spectrum Plot



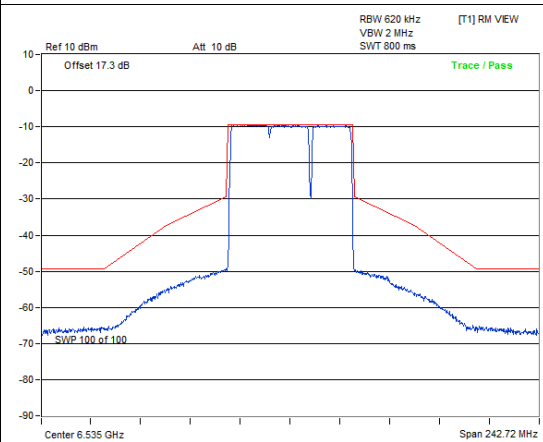
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 7



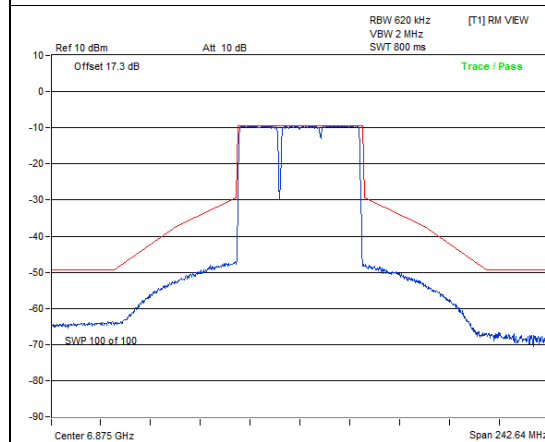
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 87



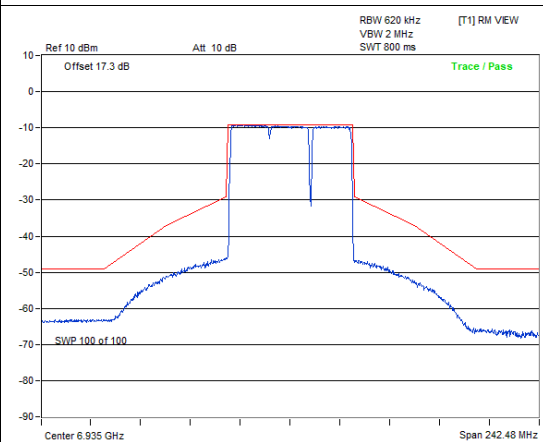
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 103



802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 119

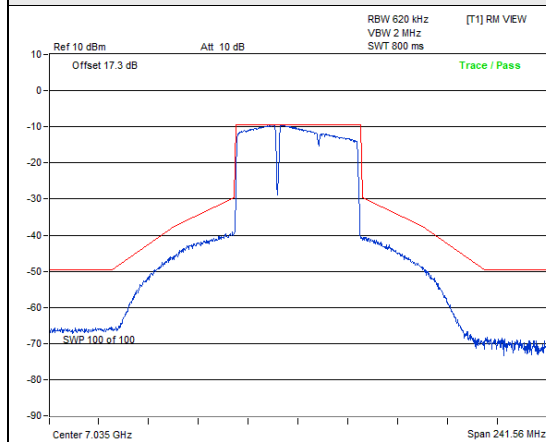


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 183

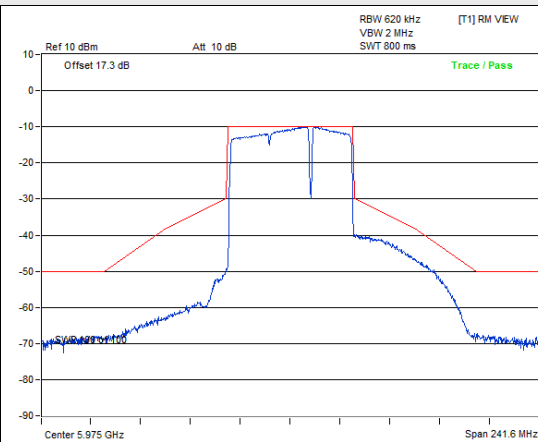


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 199

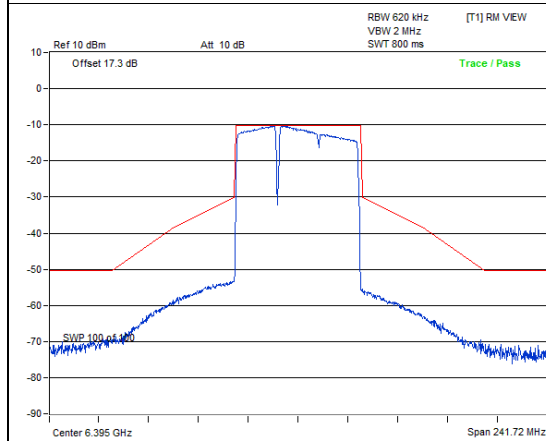
Spectrum Plot



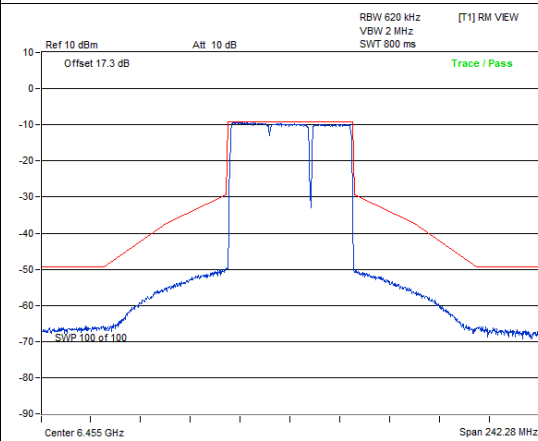
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 215



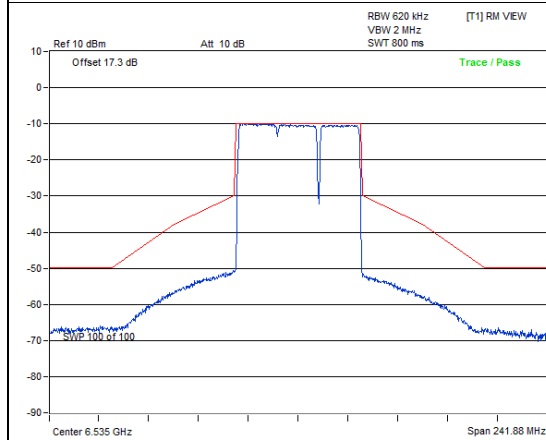
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH 7



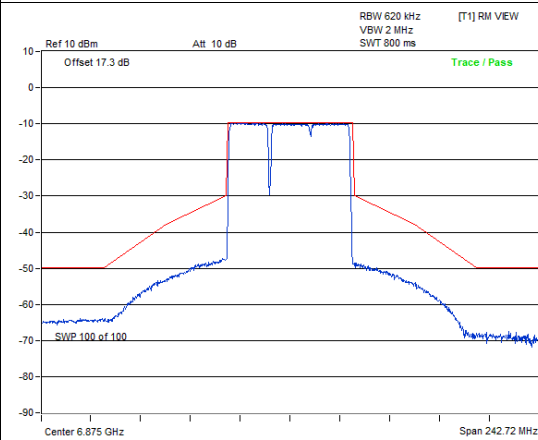
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH 87



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

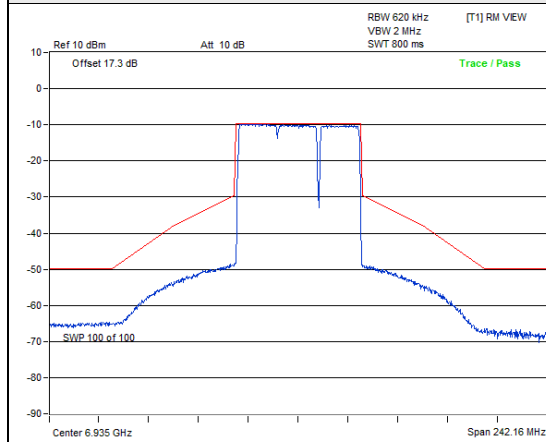


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH 119

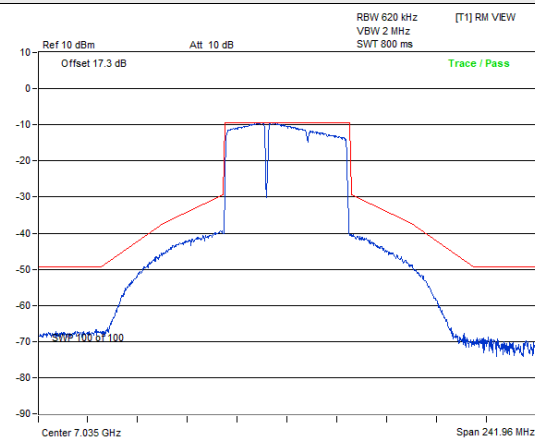


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH 183

Spectrum Plot

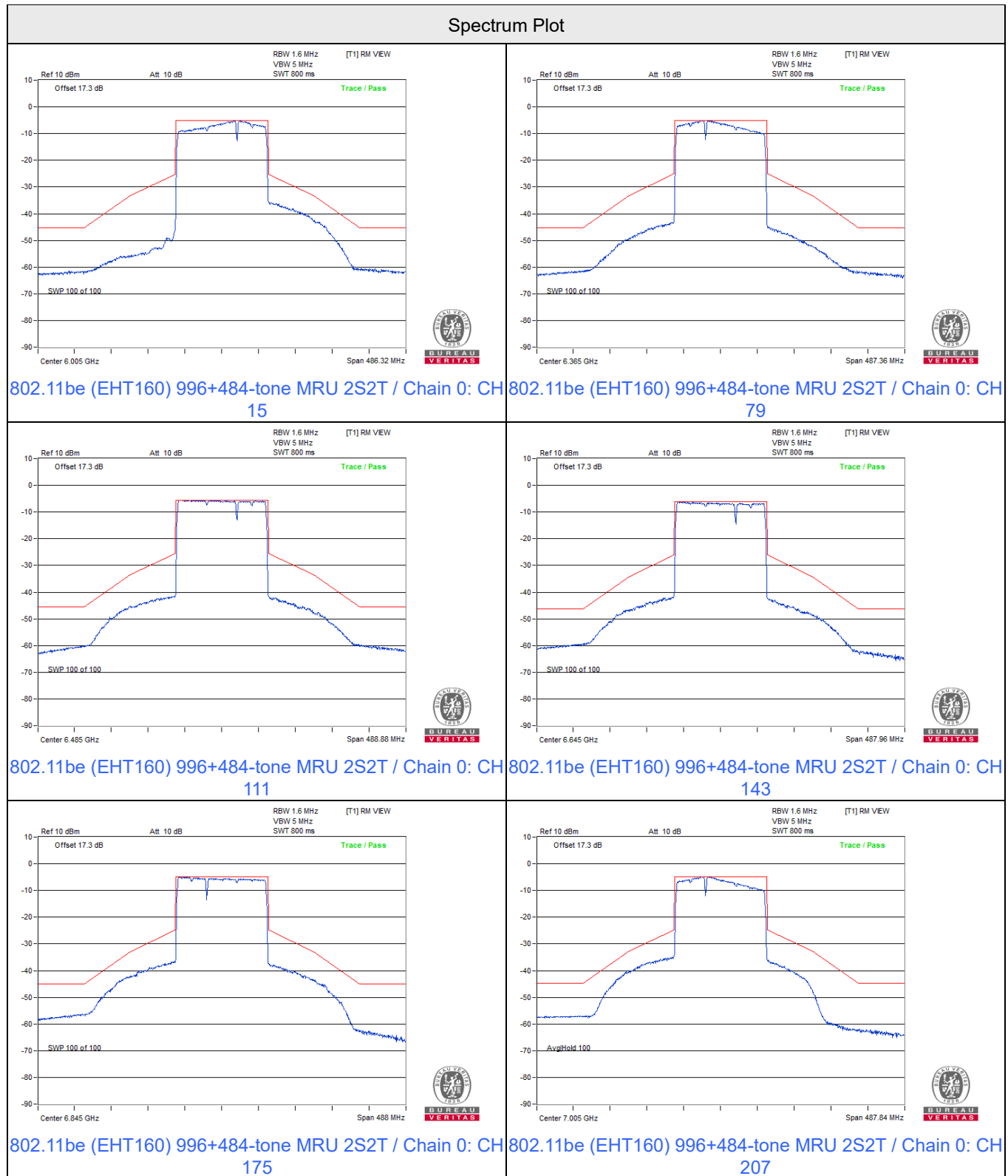


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH
199

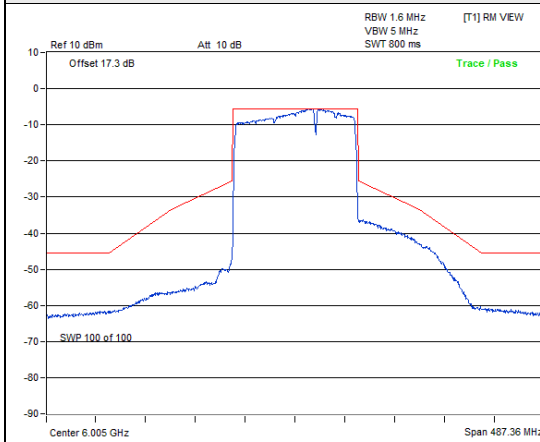


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH
215

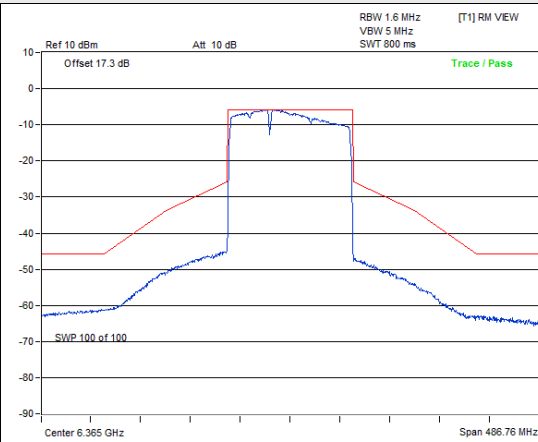
802.11be (EHT160) 996+484-tone MRU 2S2T



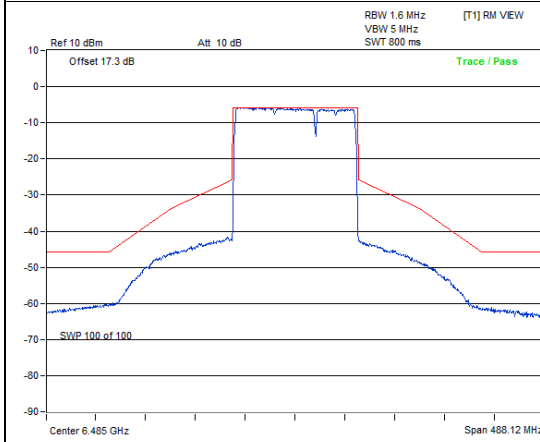
Spectrum Plot



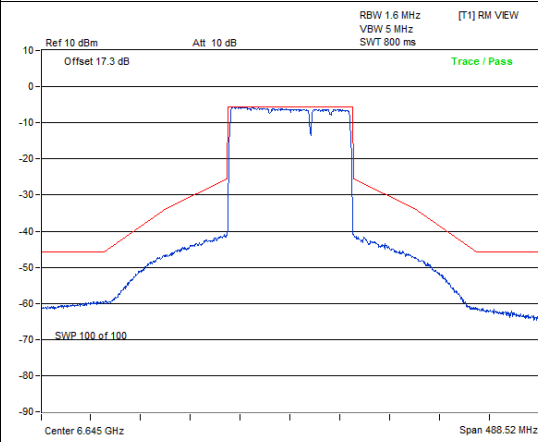
802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 1: CH 15



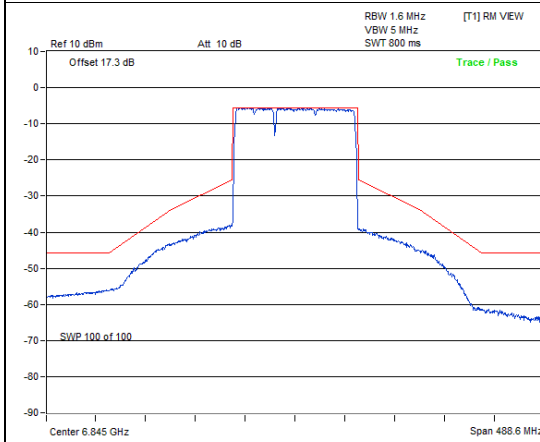
802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 1: CH 79



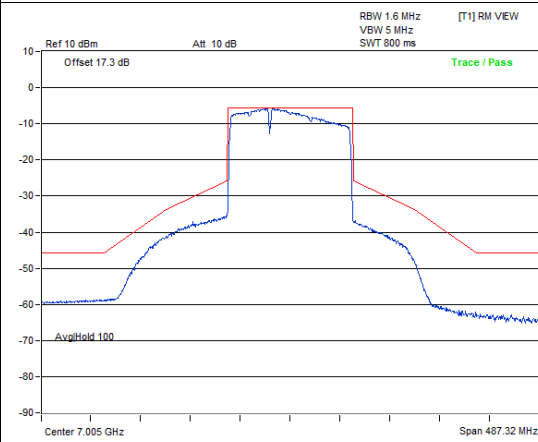
802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 1: CH 111



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



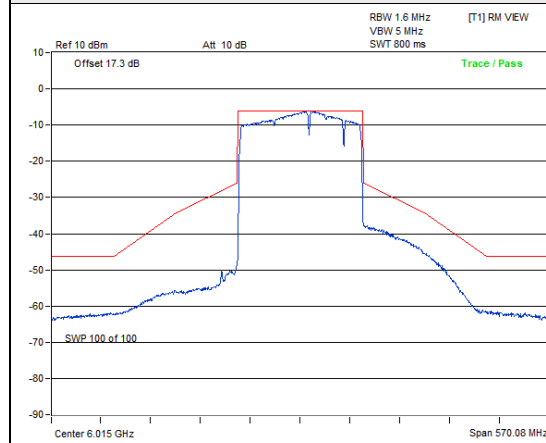
802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 1: CH 175



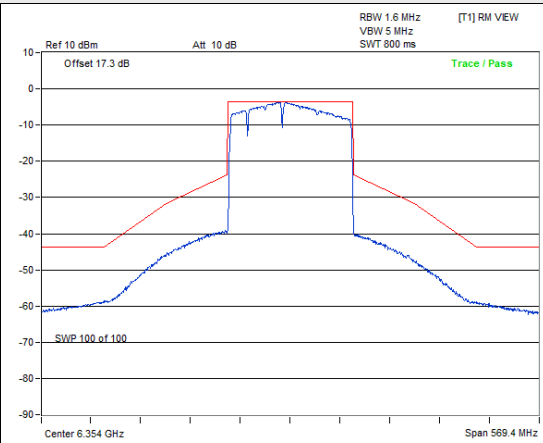
802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 1: CH 207

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

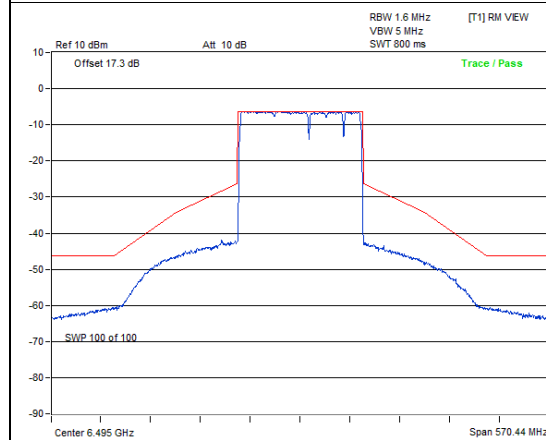
Spectrum Plot



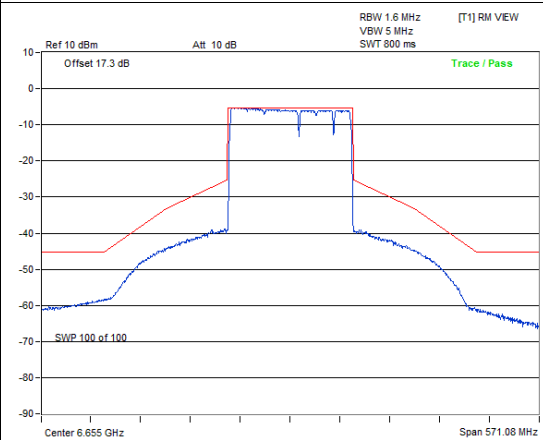
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
0: CH 15



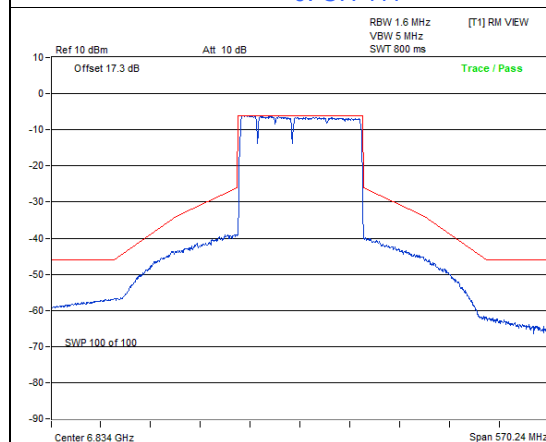
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
0: CH 79



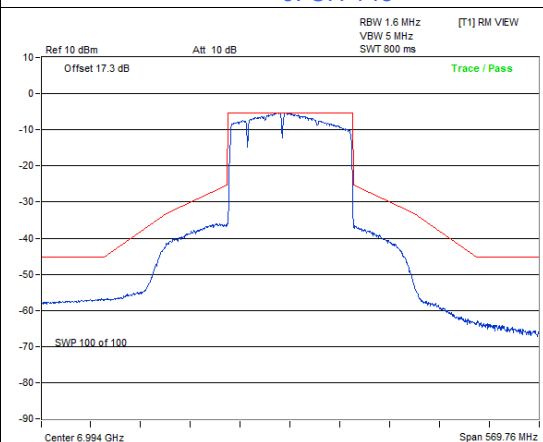
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
0: CH 111



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

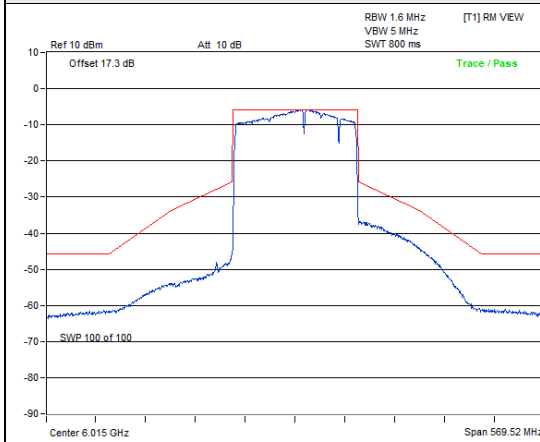


802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
0: CH 175

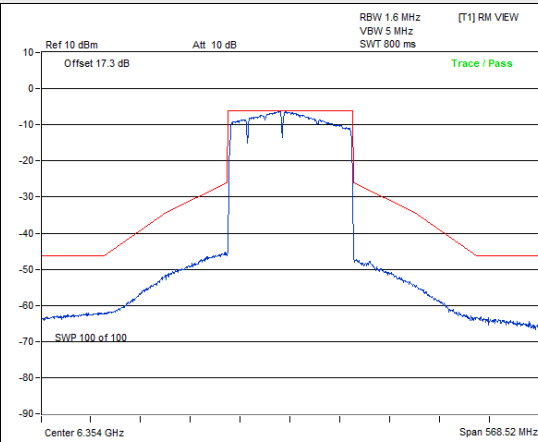


802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
0: CH 207

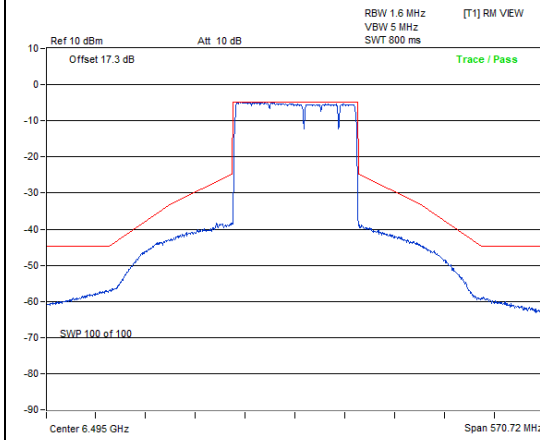
Spectrum Plot



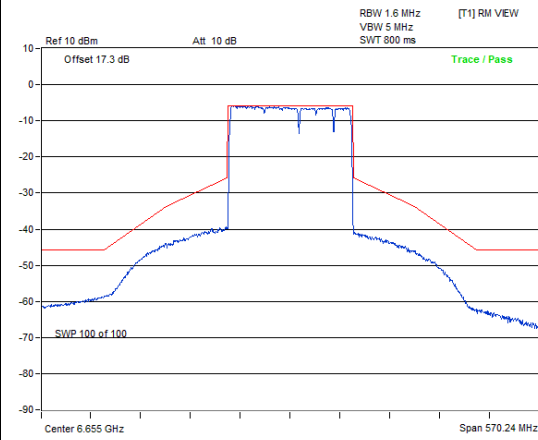
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
1: CH 15



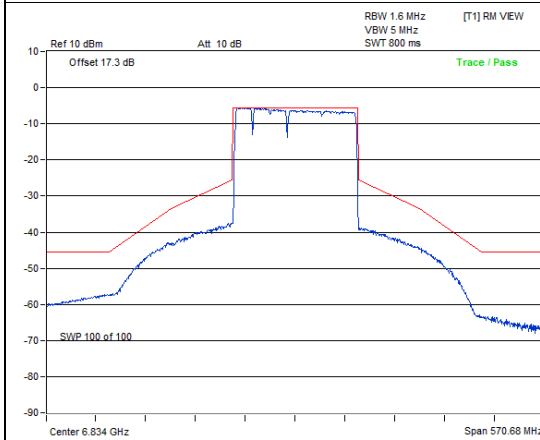
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
1: CH 79



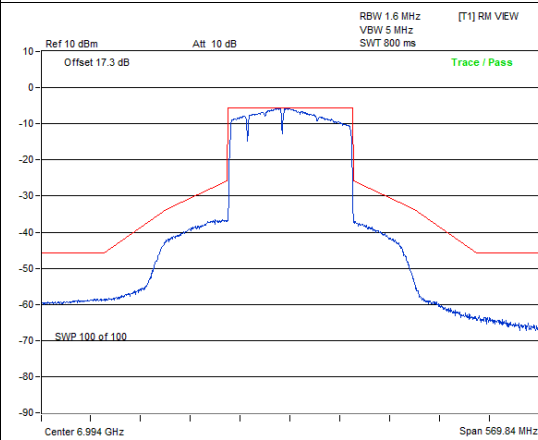
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
1: CH 111



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



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



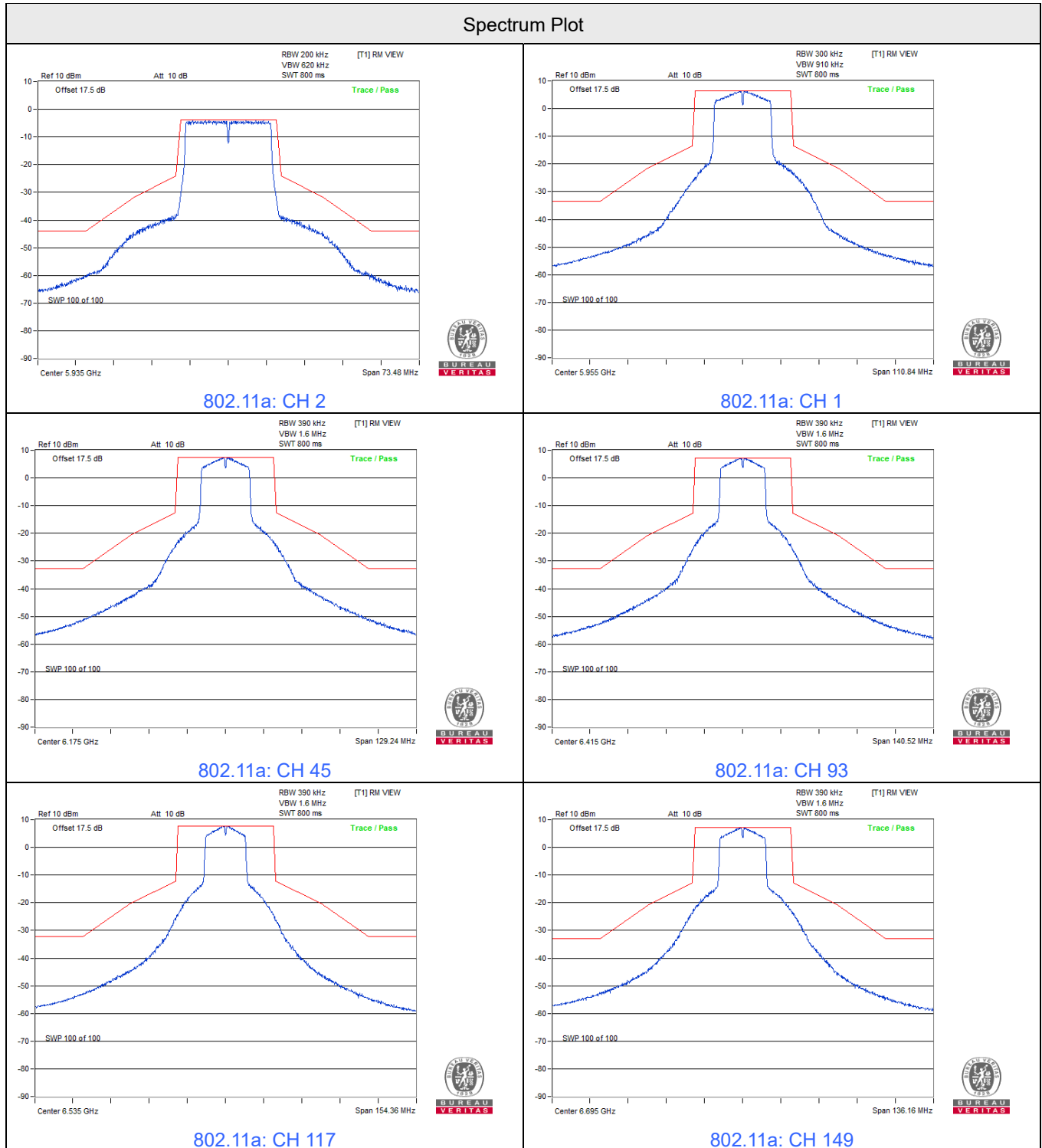
802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain
1: CH 207

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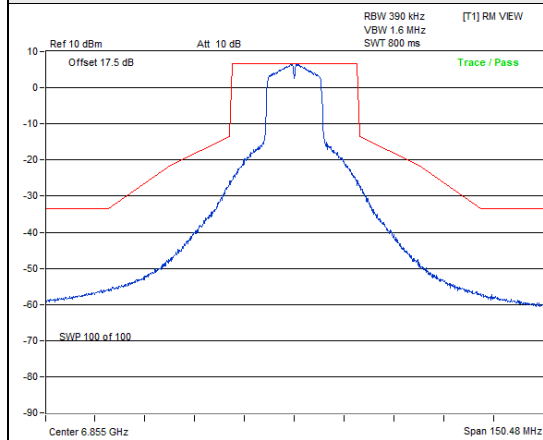
under control of a Standard Power AP

1Tx

802.11a

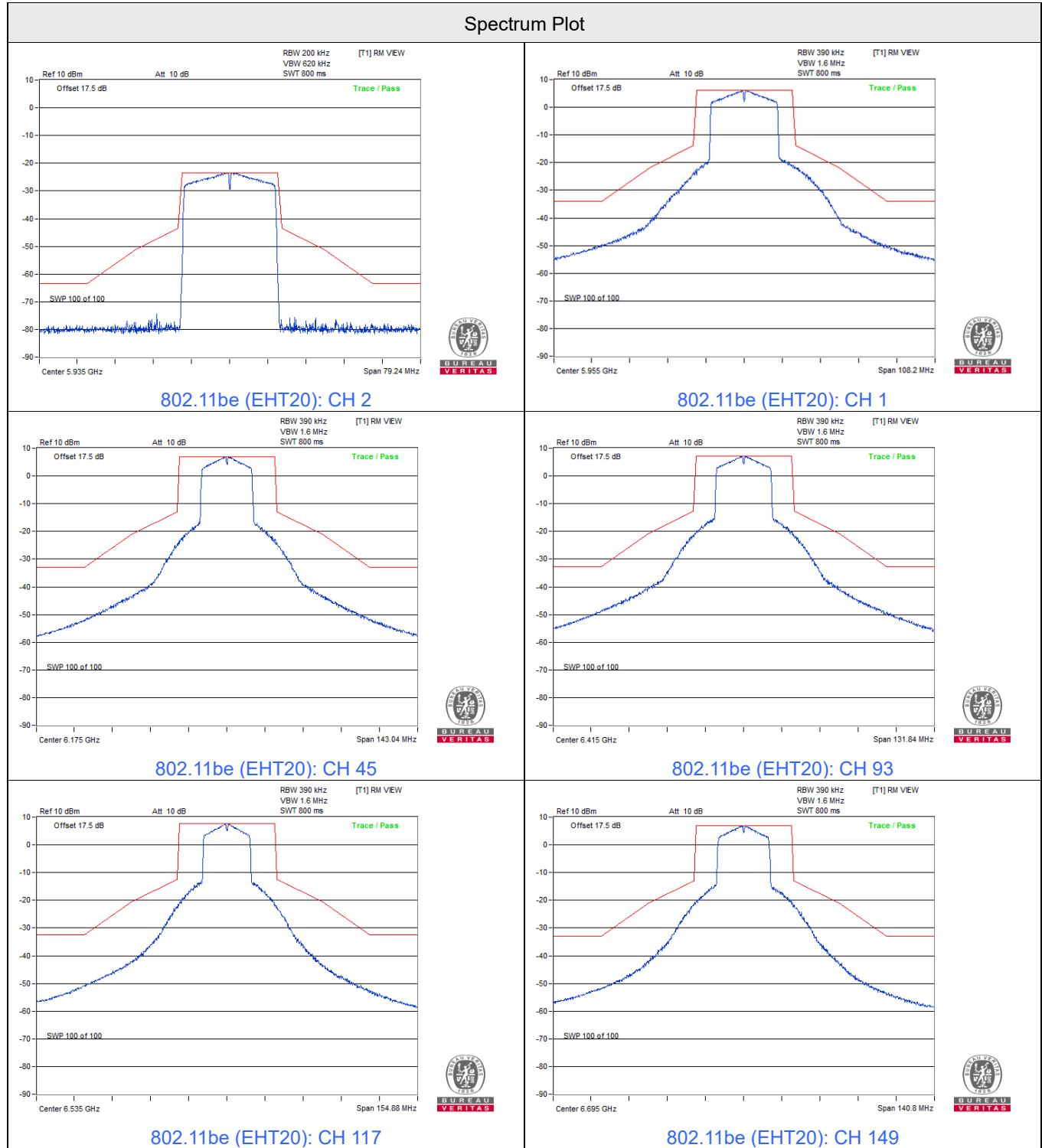


Spectrum Plot

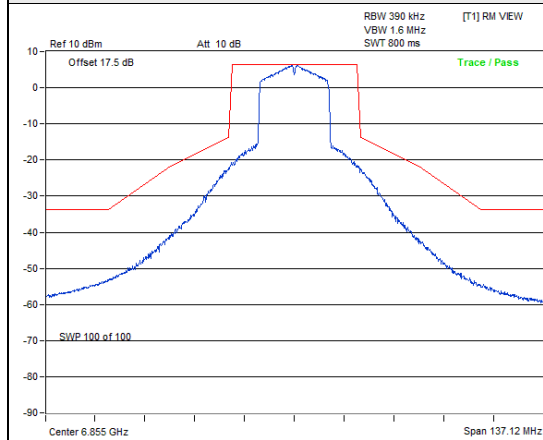


802.11a: CH 181

802.11be (EHT20)

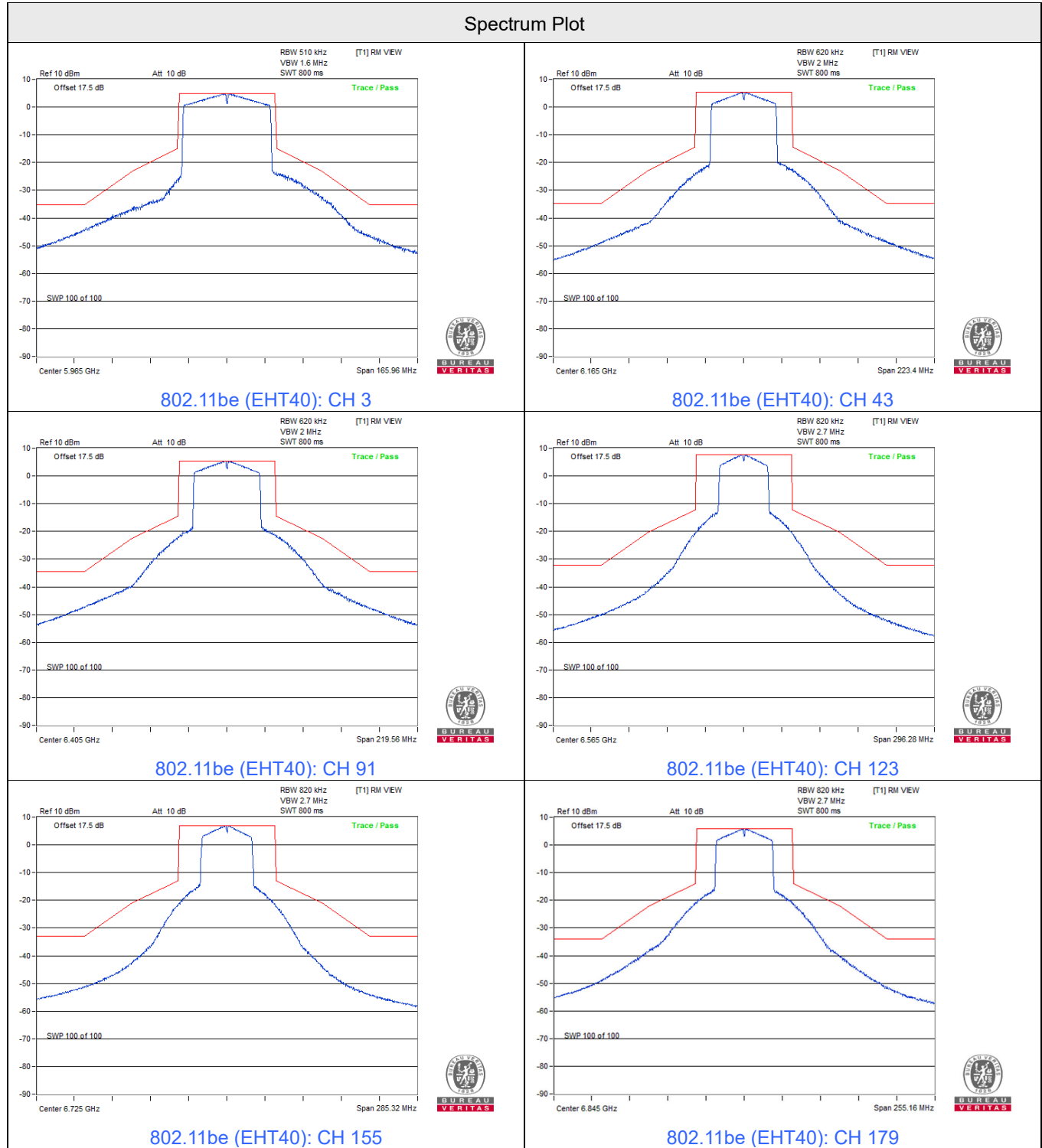


Spectrum Plot

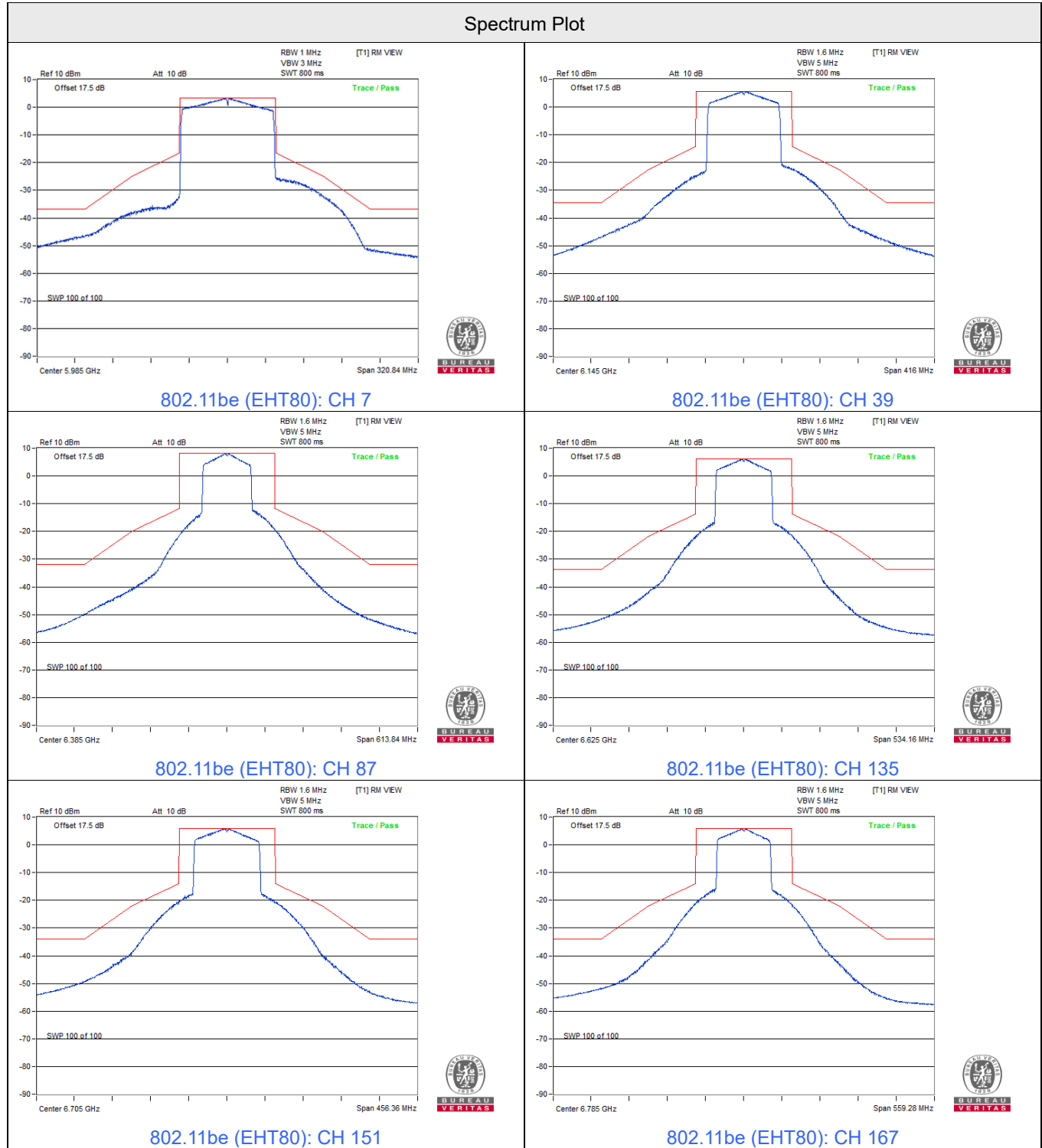


802.11be (EHT20): CH 181

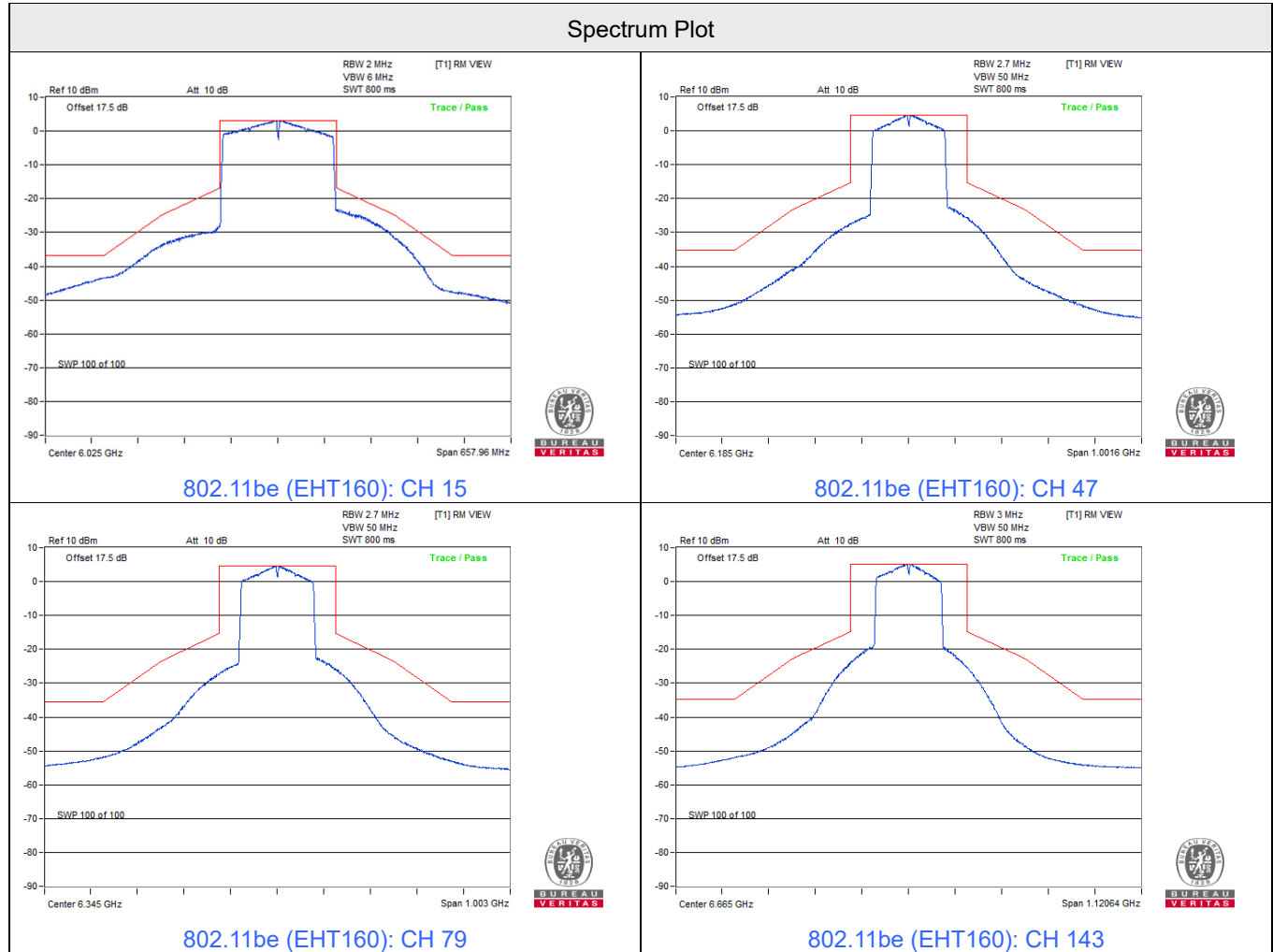
802.11be (EHT40)



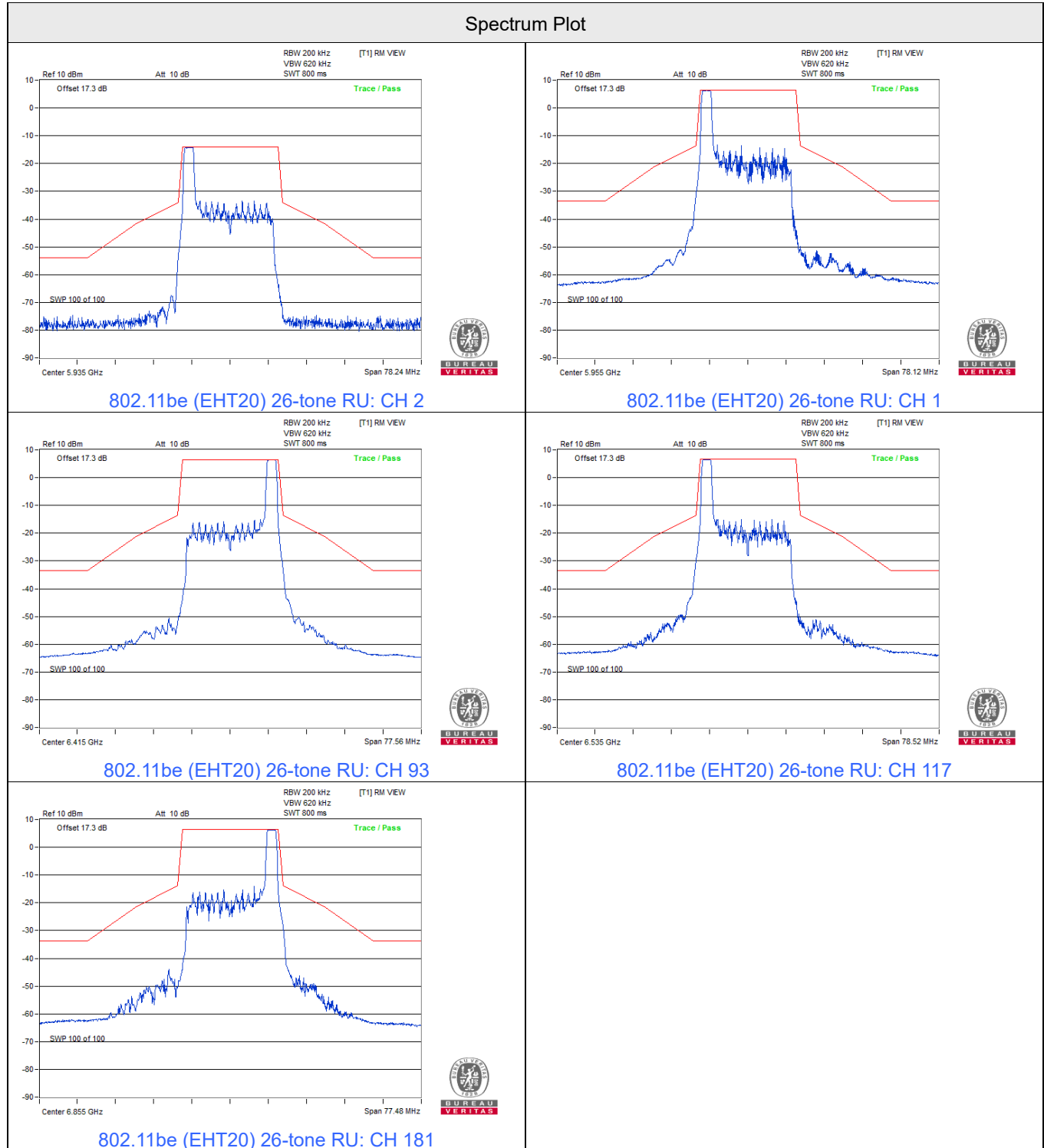
802.11be (EHT80)



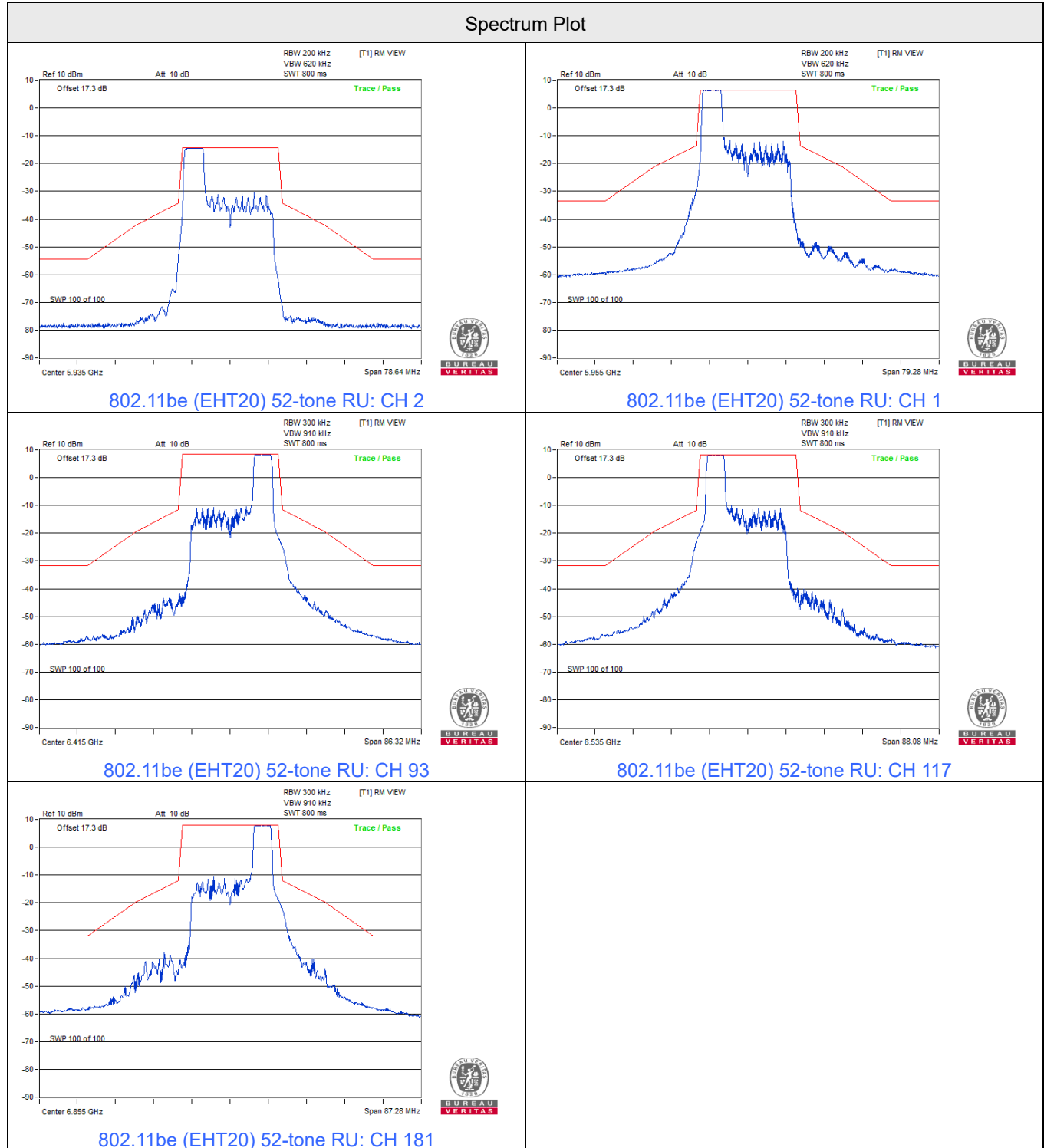
802.11be (EHT160)



802.11be (EHT20) 26-tone RU

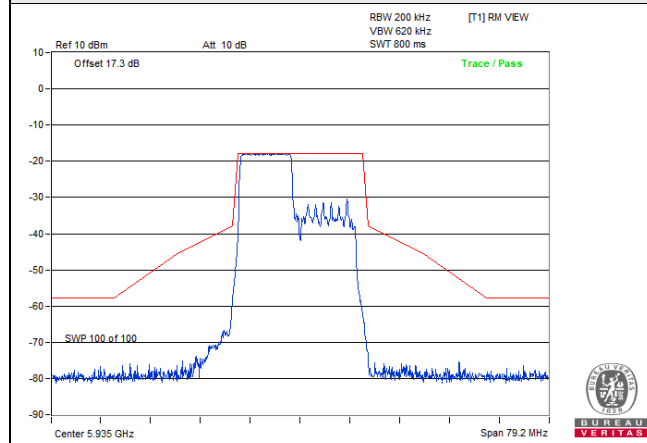


802.11be (EHT20) 52-tone RU

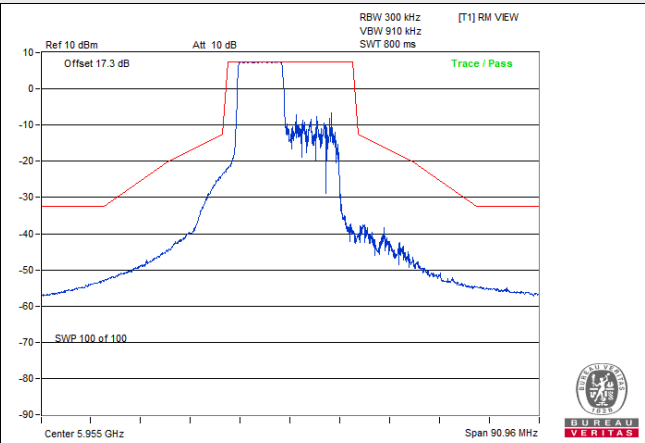


802.11be (EHT20) 106-tone RU

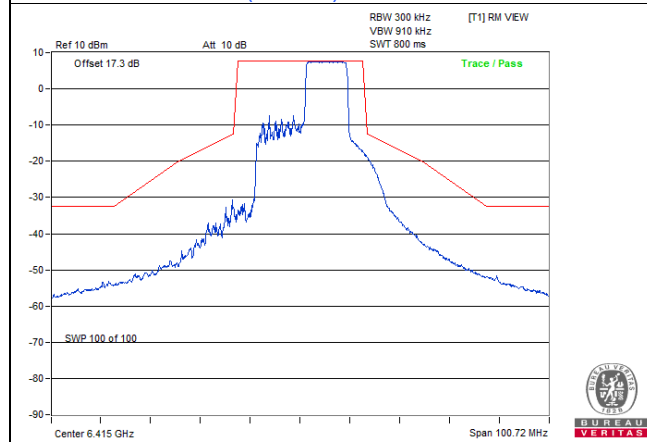
Spectrum Plot



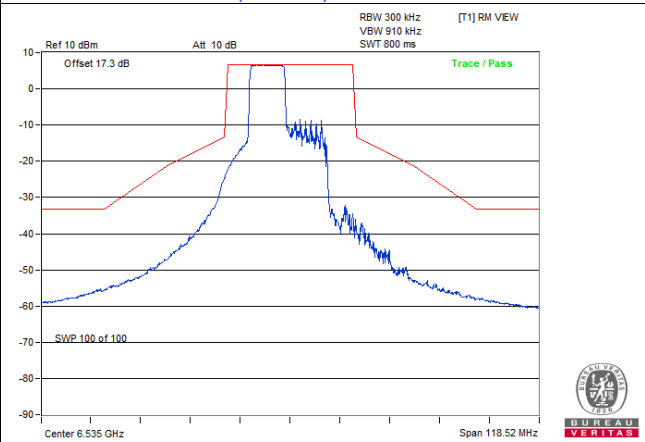
802.11be (EHT20) 106-tone RU: CH 2



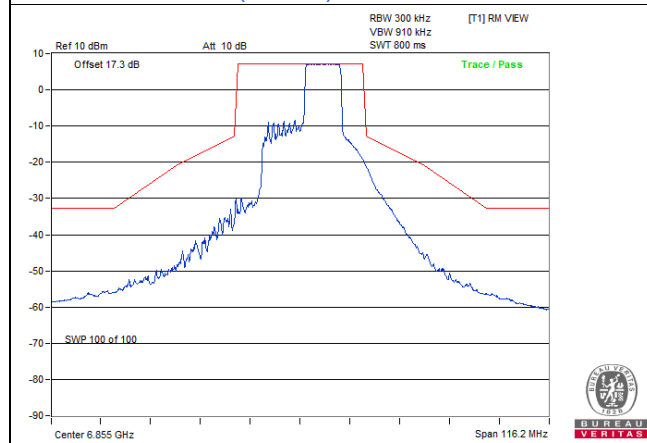
802.11be (EHT20) 106-tone RU: CH 1



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



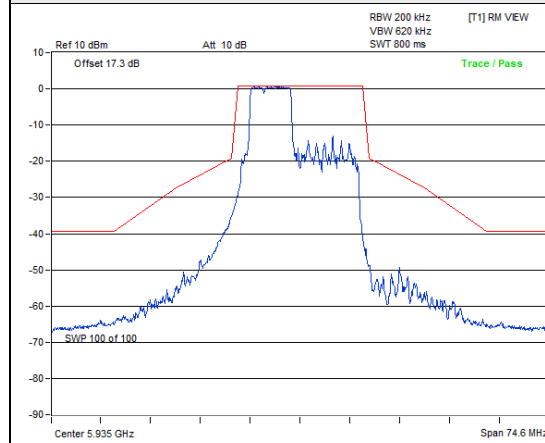
802.11be (EHT20) 106-tone RU: CH 117



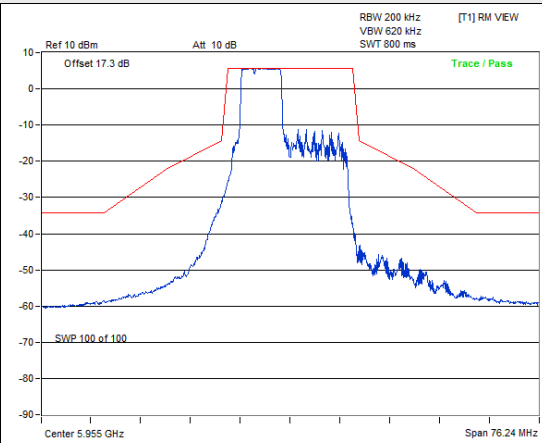
802.11be (EHT20) 106-tone RU: CH 181

802.11be (EHT20) 52+26-tone MRU

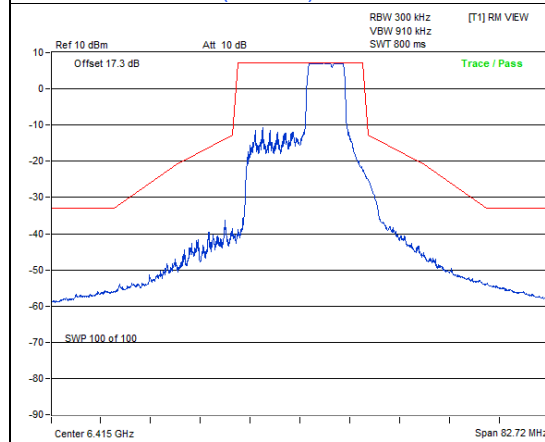
Spectrum Plot



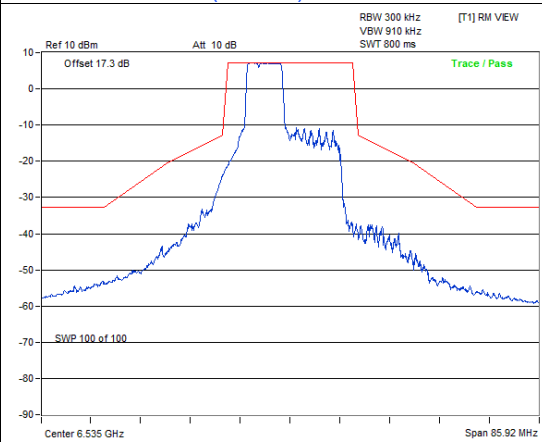
802.11be (EHT20) 52+26-tone MRU: CH 2



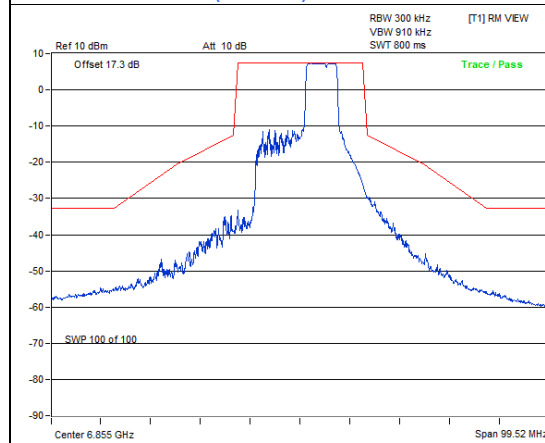
802.11be (EHT20) 52+26-tone MRU: CH 1



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

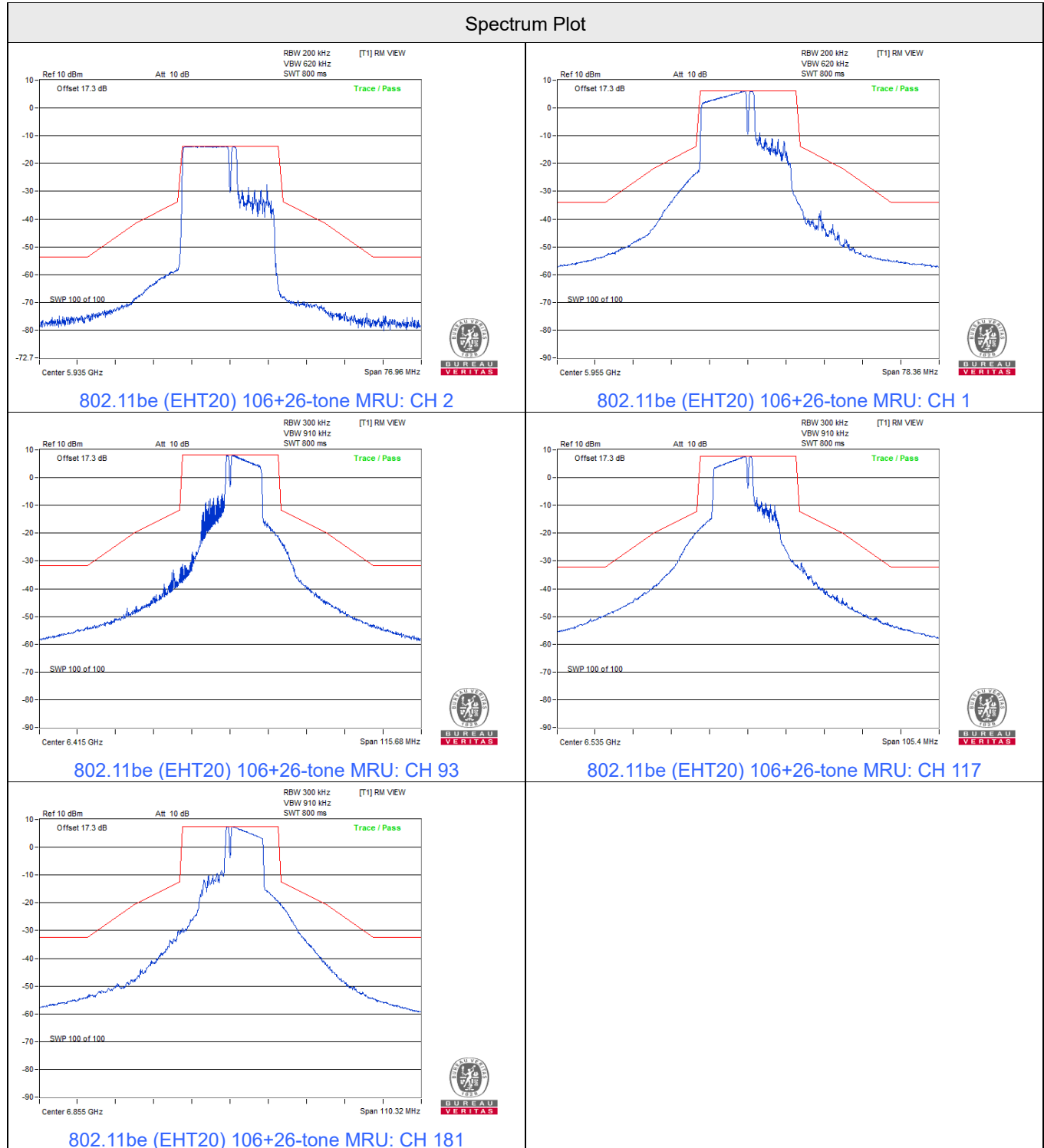


802.11be (EHT20) 52+26-tone MRU: CH 117

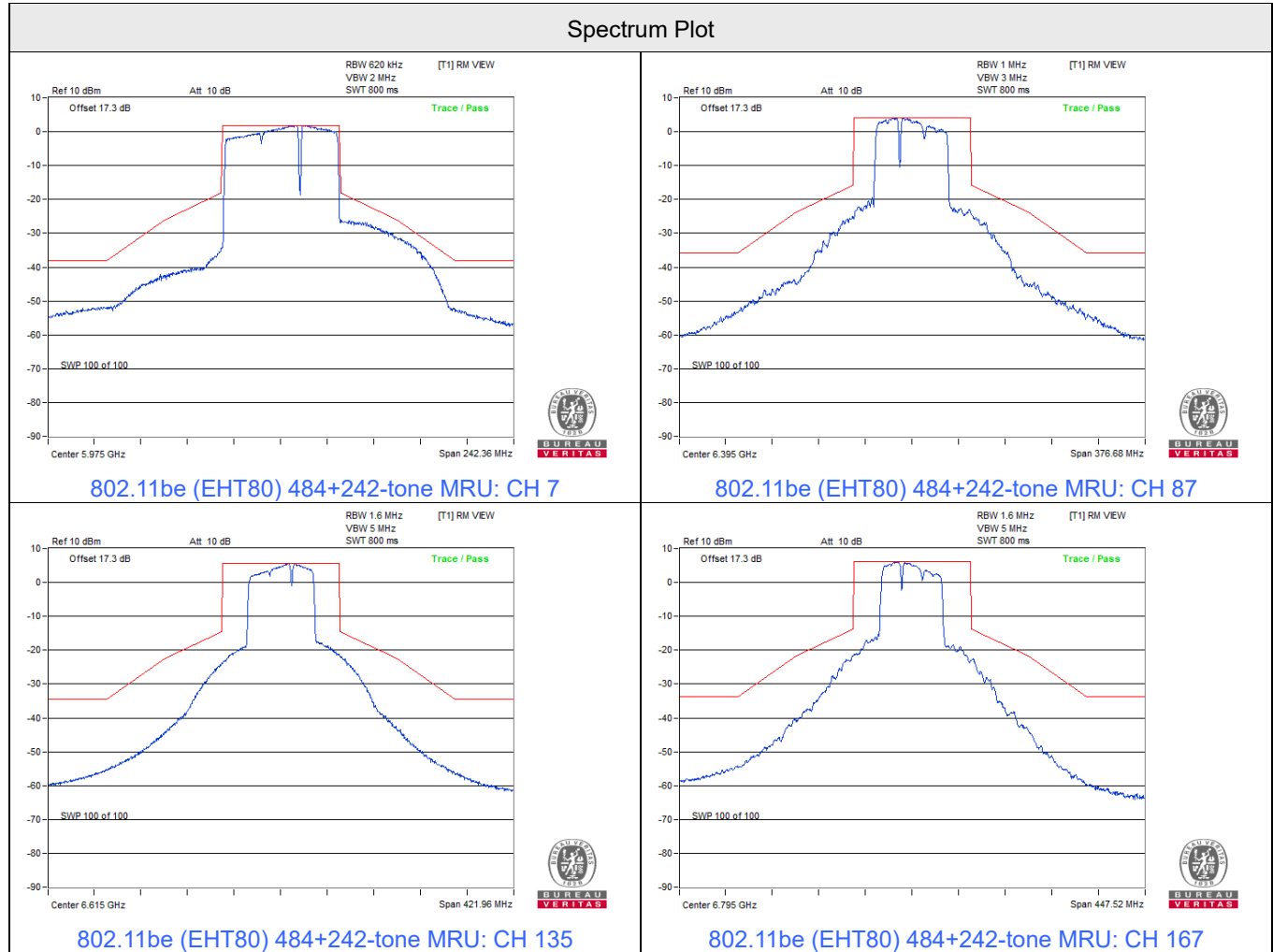


802.11be (EHT20) 52+26-tone MRU: CH 181

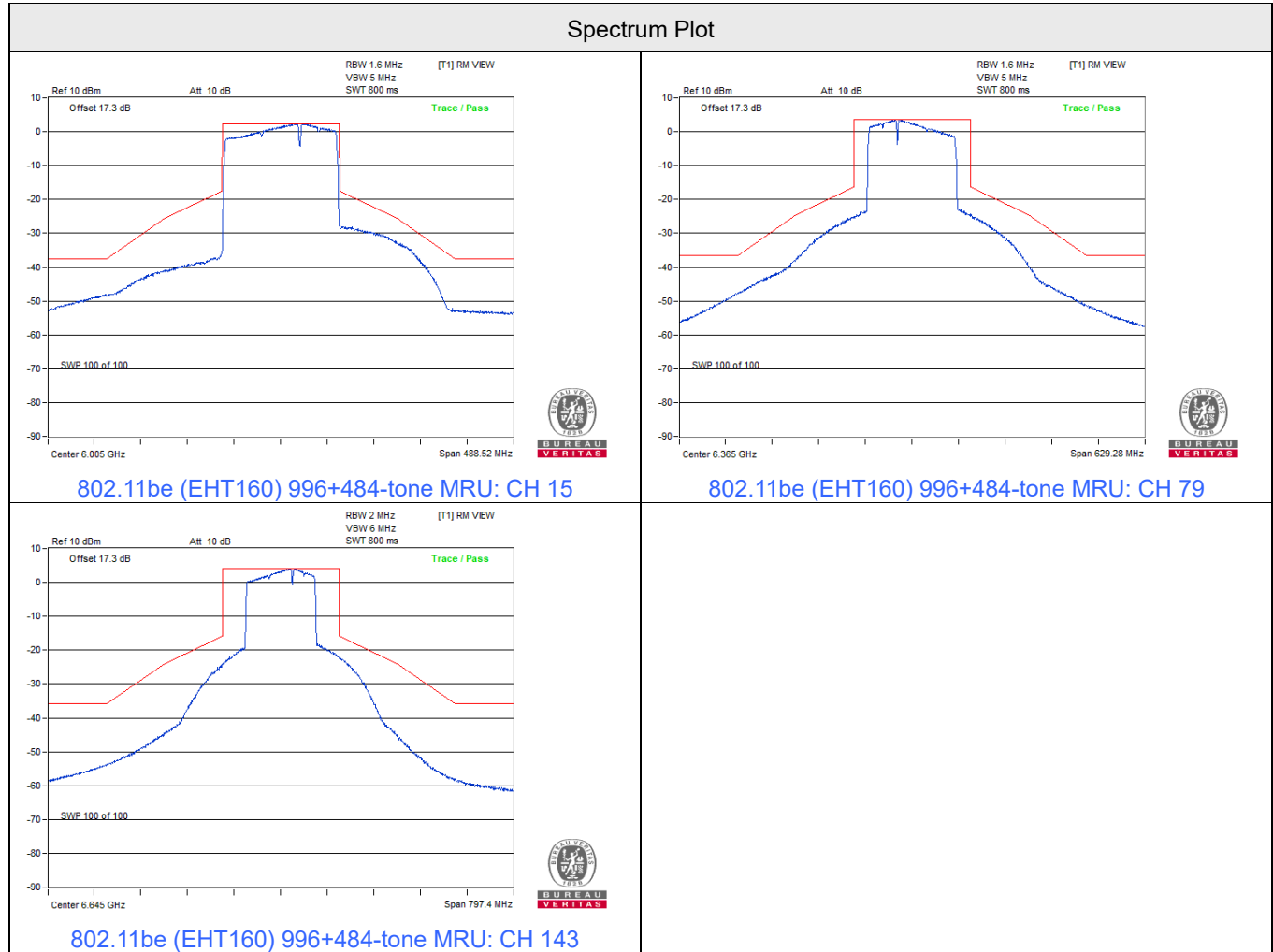
802.11be (EHT20) 106+26-tone MRU



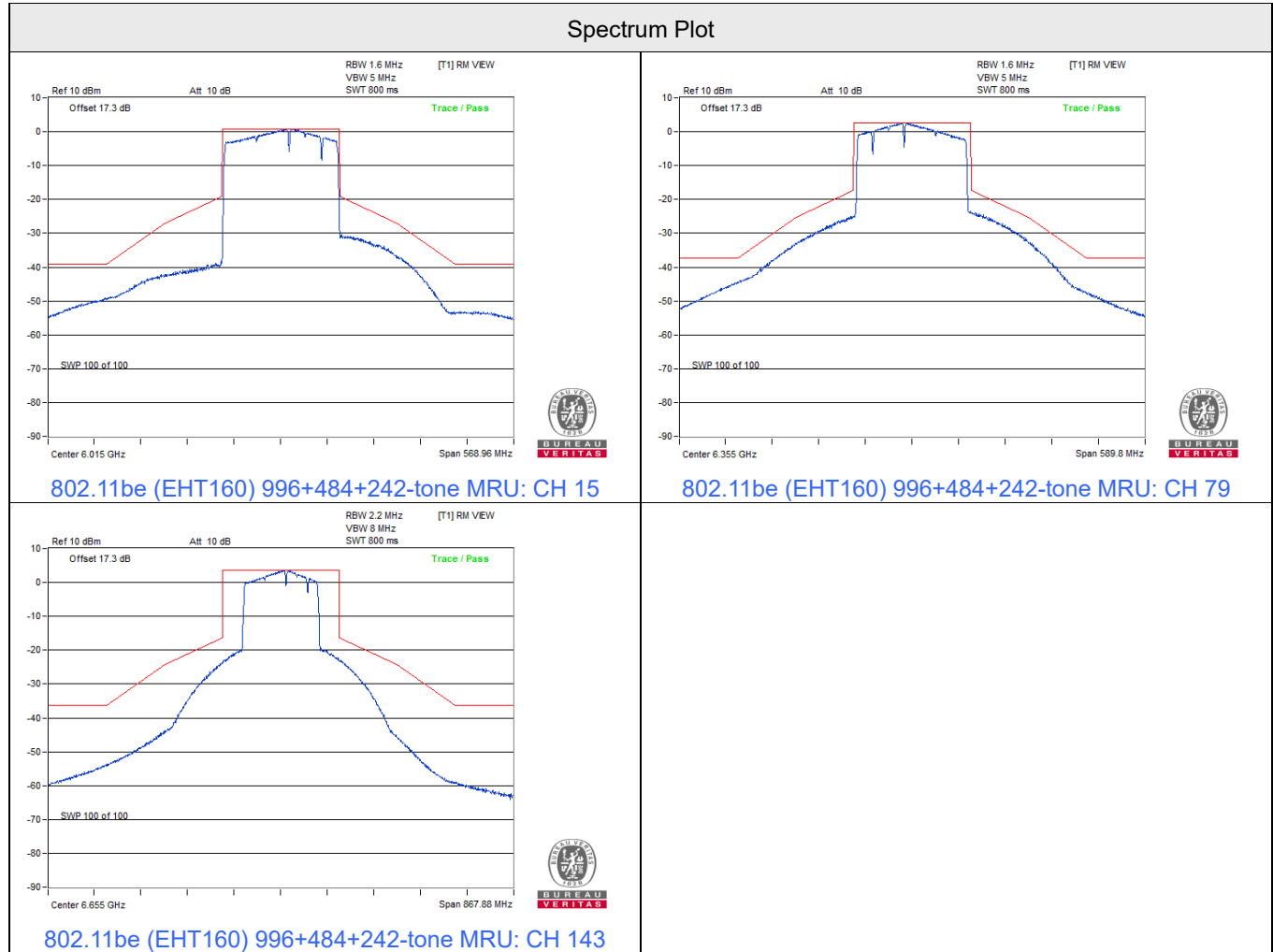
802.11be (EHT80) 484+242-tone MRU



802.11be (EHT160) 996+484-tone MRU



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

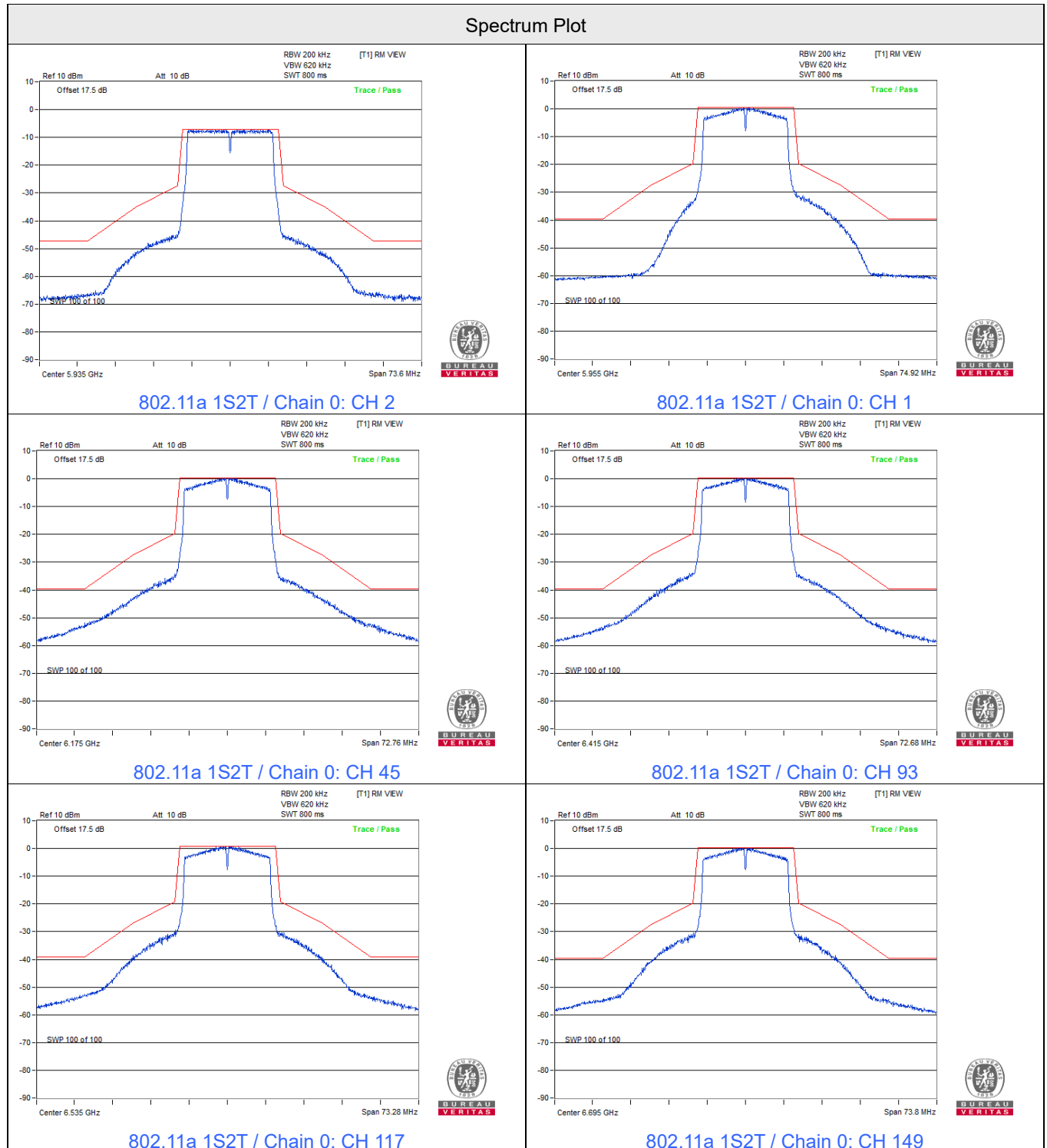


Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 58% RH	Tested By:	Henry Hsu
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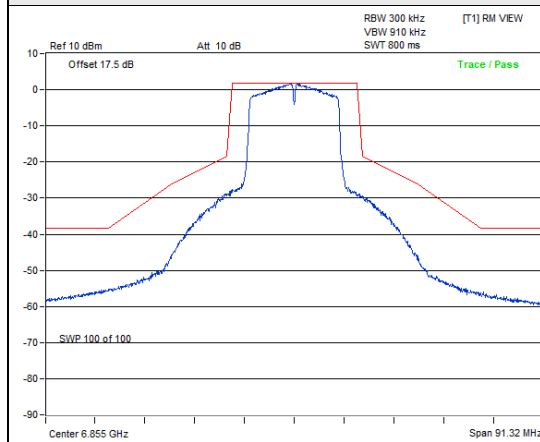
under control of a Standard Power AP

2Tx

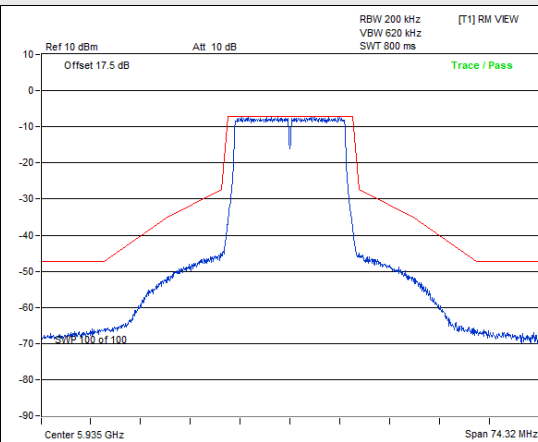
802.11a 1S2T



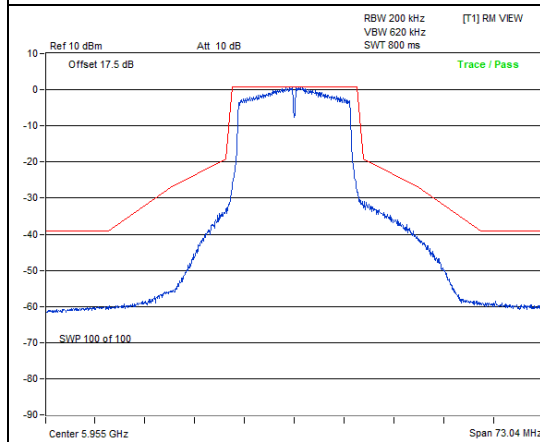
Spectrum Plot



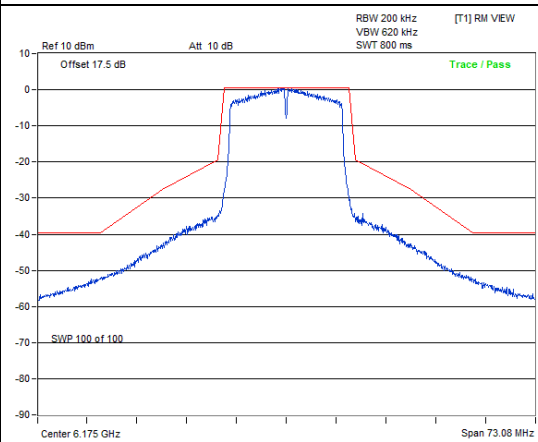
802.11a 1S2T / Chain 0: CH 181



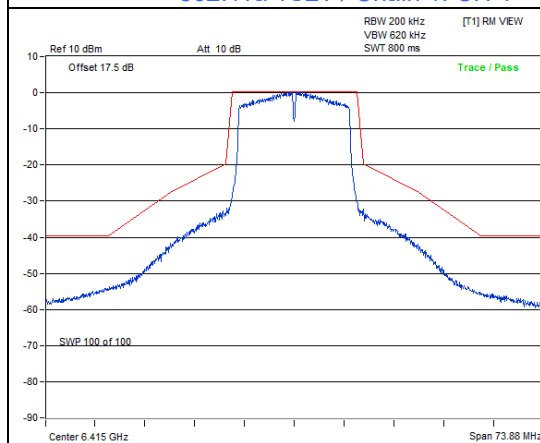
802.11a 1S2T / Chain 1: CH 2



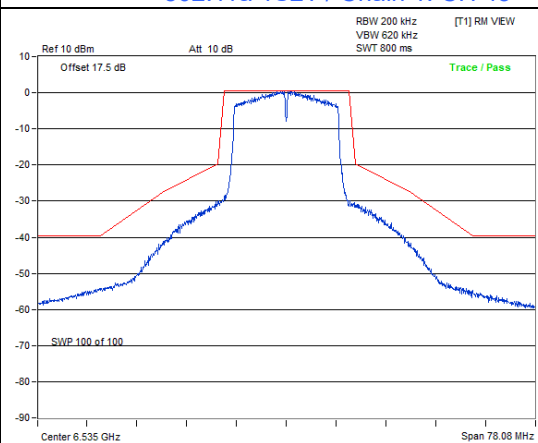
802.11a 1S2T / Chain 1: CH 1



802.11a 1S2T / Chain 1: CH 45

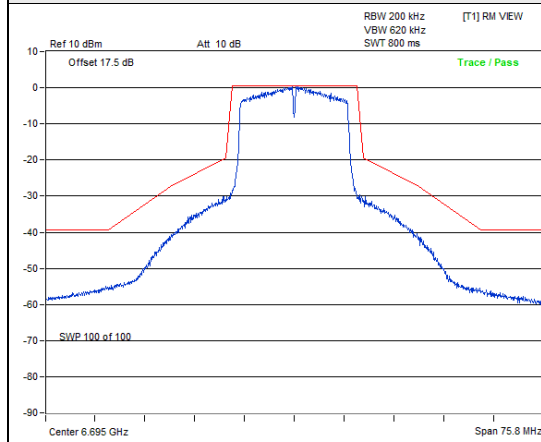


802.11a 1S2T / Chain 1: CH 93

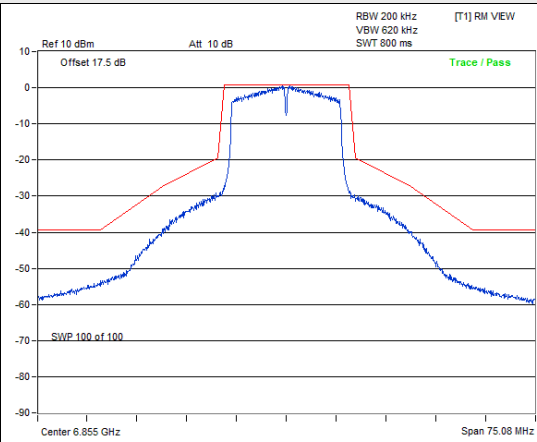


802.11a 1S2T / Chain 1: CH 117

Spectrum Plot



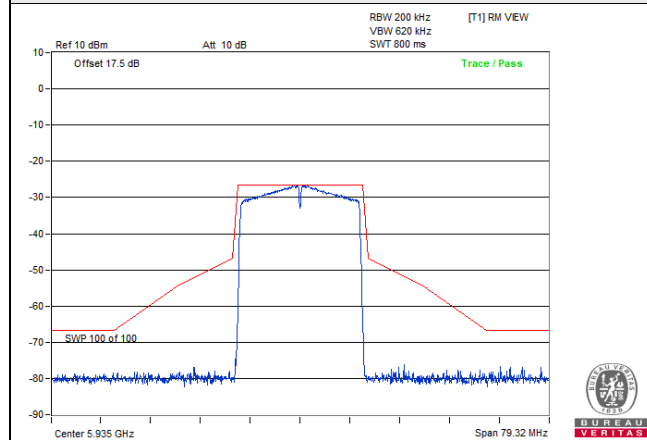
802.11a 1S2T / Chain 1: CH 149



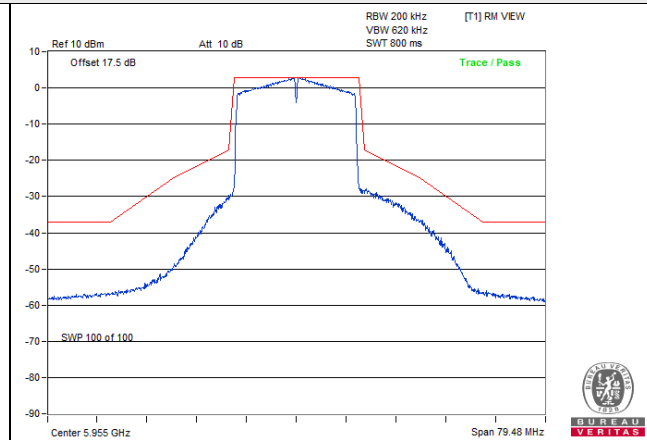
802.11a 1S2T / Chain 1: CH 181

802.11be (EHT20) 2S2T

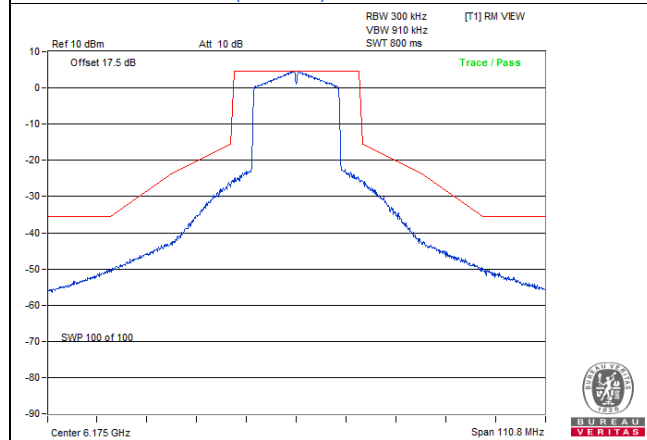
Spectrum Plot



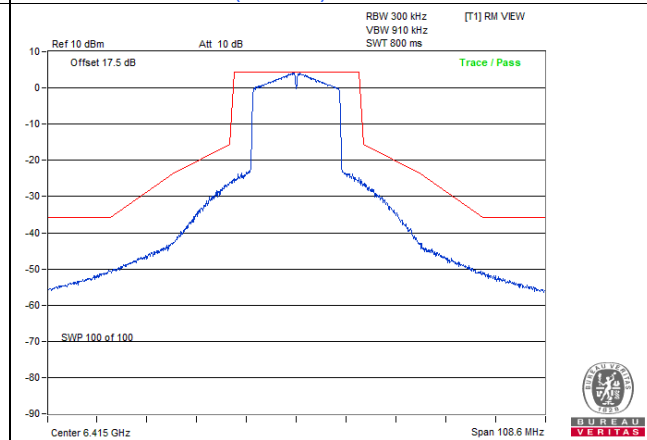
802.11be (EHT20) 2S2T / Chain 0: CH 2



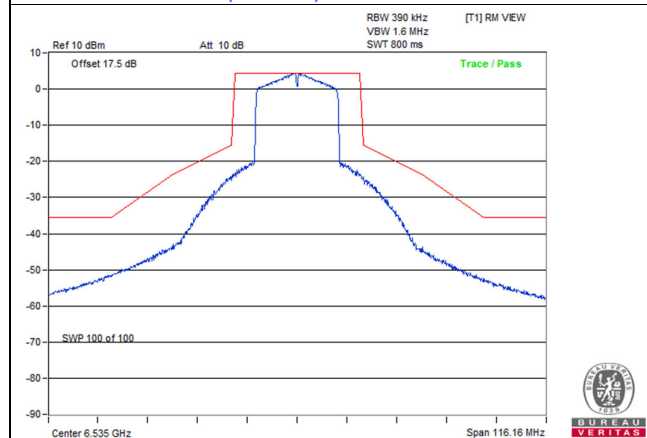
802.11be (EHT20) 2S2T / Chain 0: CH 1



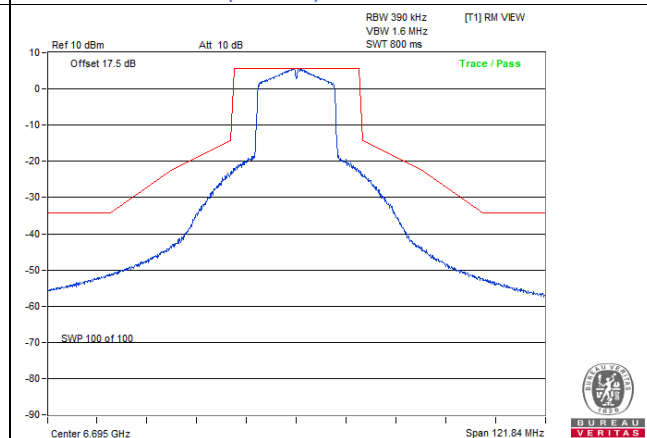
802.11be (EHT20) 2S2T / Chain 0: CH 45



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

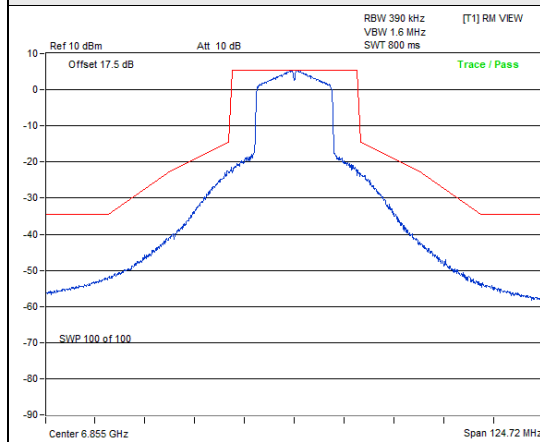


802.11be (EHT20) 2S2T / Chain 0: CH 117

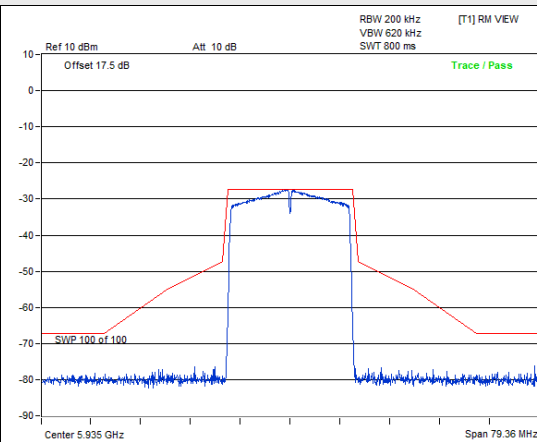


802.11be (EHT20) 2S2T / Chain 0: CH 149

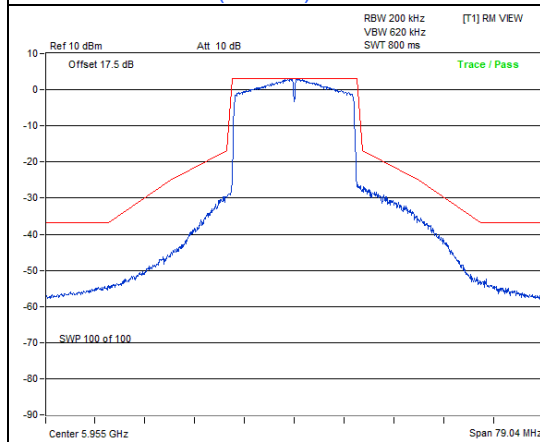
Spectrum Plot



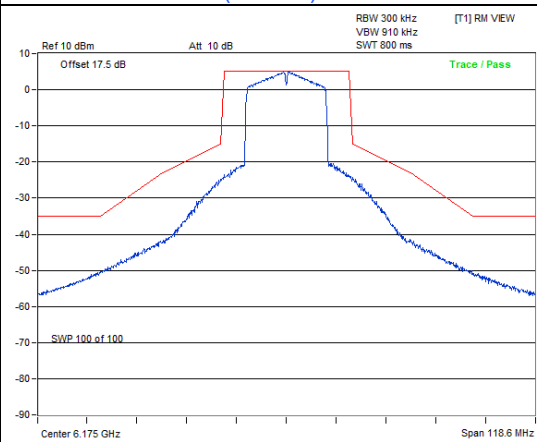
802.11be (EHT20) 2S2T / Chain 0: CH 181



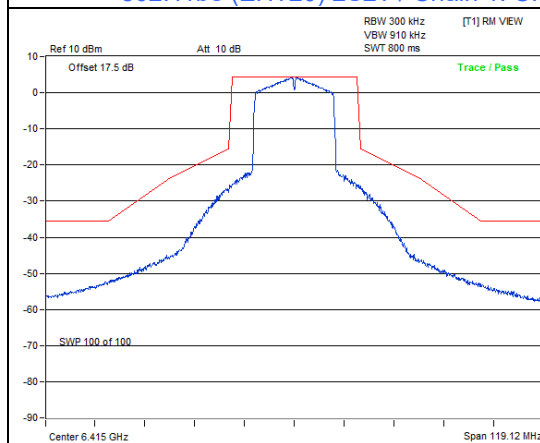
802.11be (EHT20) 2S2T / Chain 1: CH 2



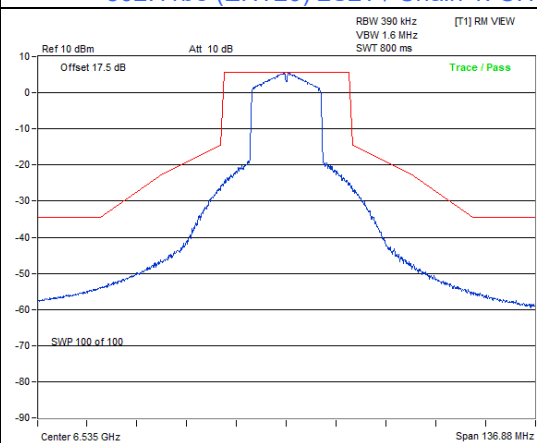
802.11be (EHT20) 2S2T / Chain 1: CH 1



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

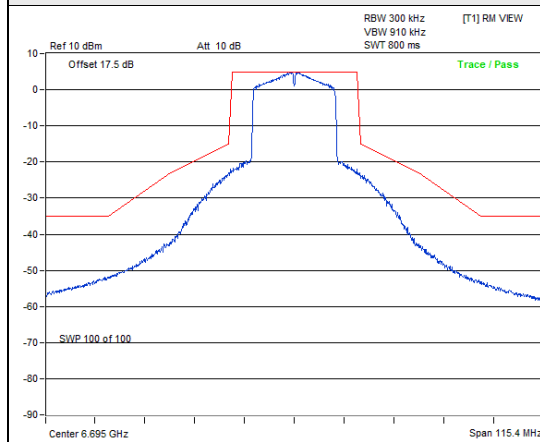


802.11be (EHT20) 2S2T / Chain 1: CH 93

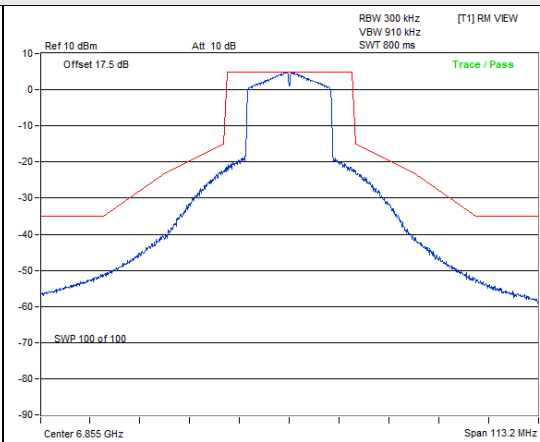


802.11be (EHT20) 2S2T / Chain 1: CH 117

Spectrum Plot



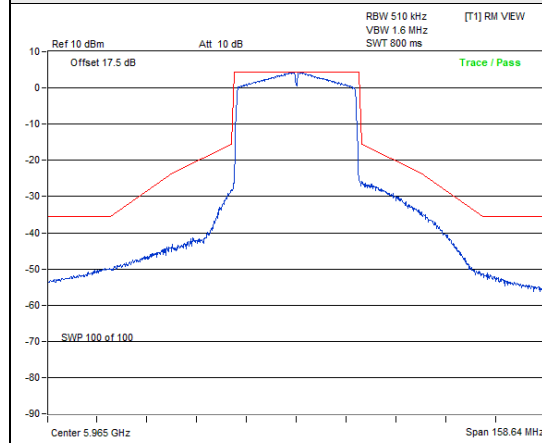
802.11be (EHT20) 2S2T / Chain 1: CH 149



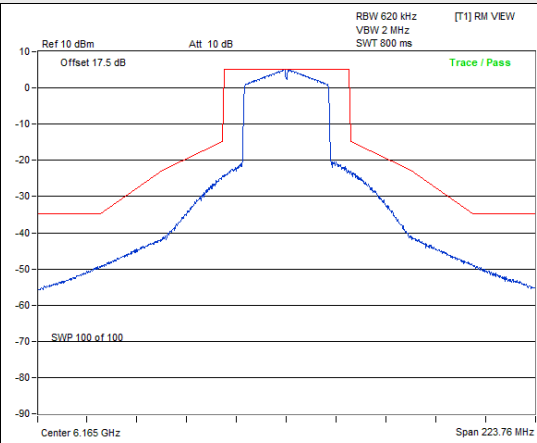
802.11be (EHT20) 2S2T / Chain 1: CH 181

802.11be (EHT40) 2S2T

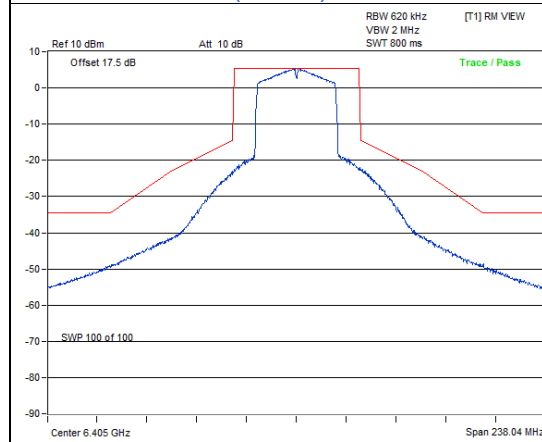
Spectrum Plot



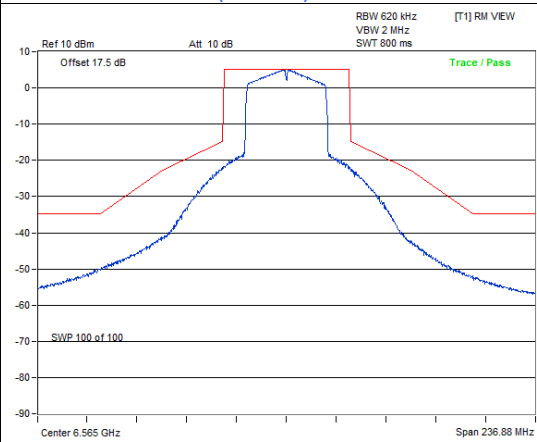
802.11be (EHT40) 2S2T / Chain 0: CH 3



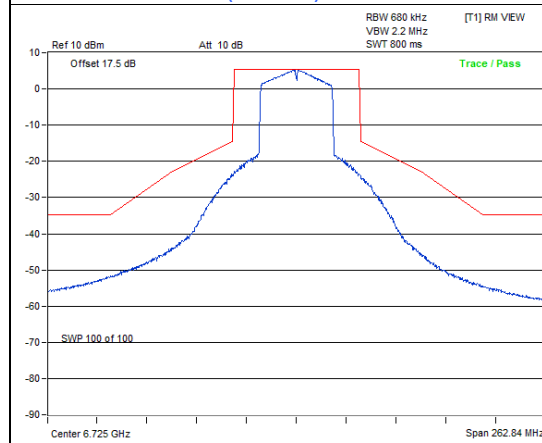
802.11be (EHT40) 2S2T / Chain 0: CH 43



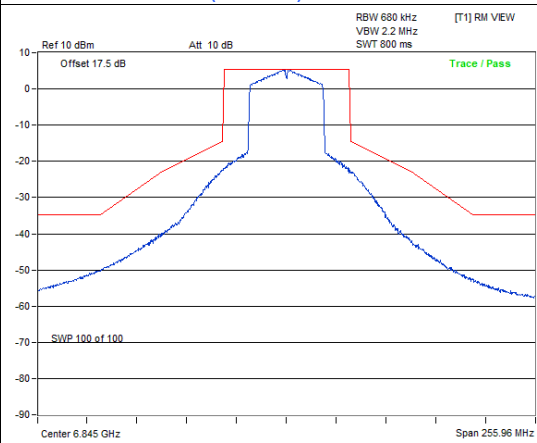
802.11be (EHT40) 2S2T / Chain 0: CH 91



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

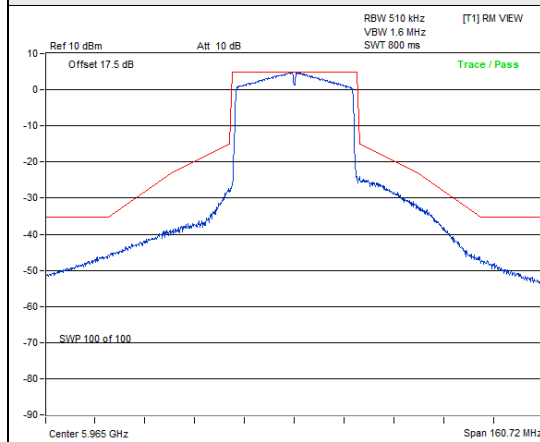


802.11be (EHT40) 2S2T / Chain 0: CH 155

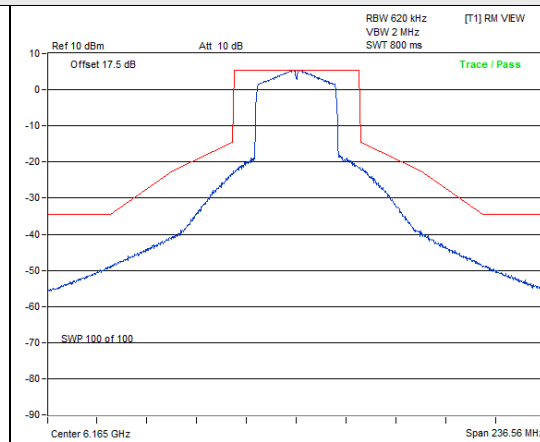


802.11be (EHT40) 2S2T / Chain 0: CH 179

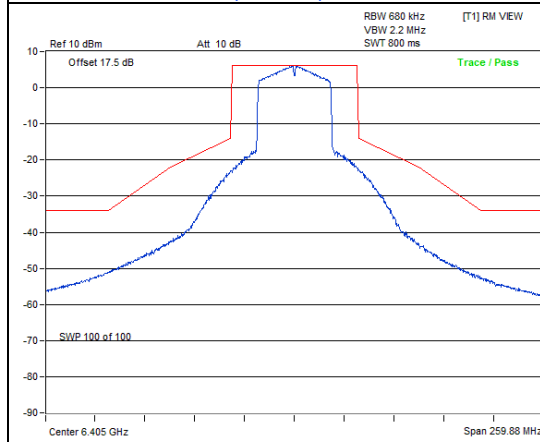
Spectrum Plot



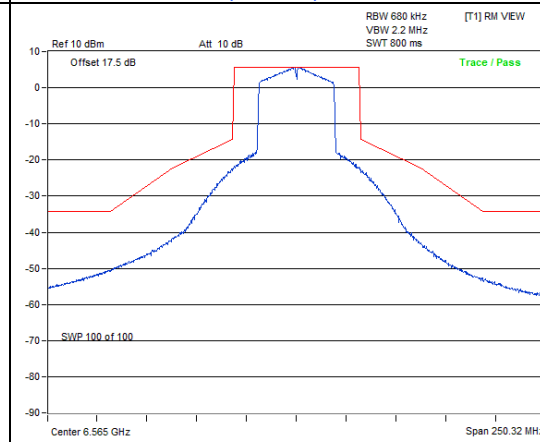
802.11be (EHT40) 2S2T / Chain 1: CH 3



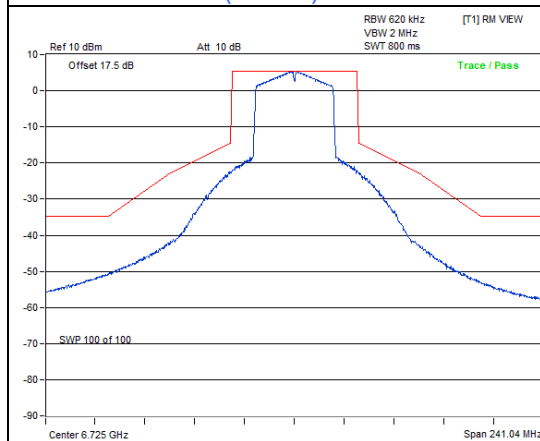
802.11be (EHT40) 2S2T / Chain 1: CH 43



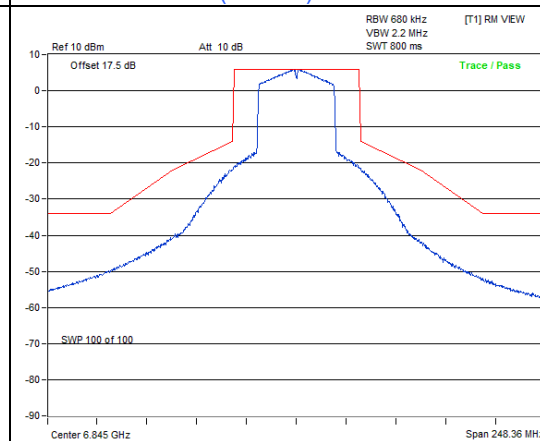
802.11be (EHT40) 2S2T / Chain 1: CH 91



802.11be (EHT40) 2S2T / Chain 1: CH 123

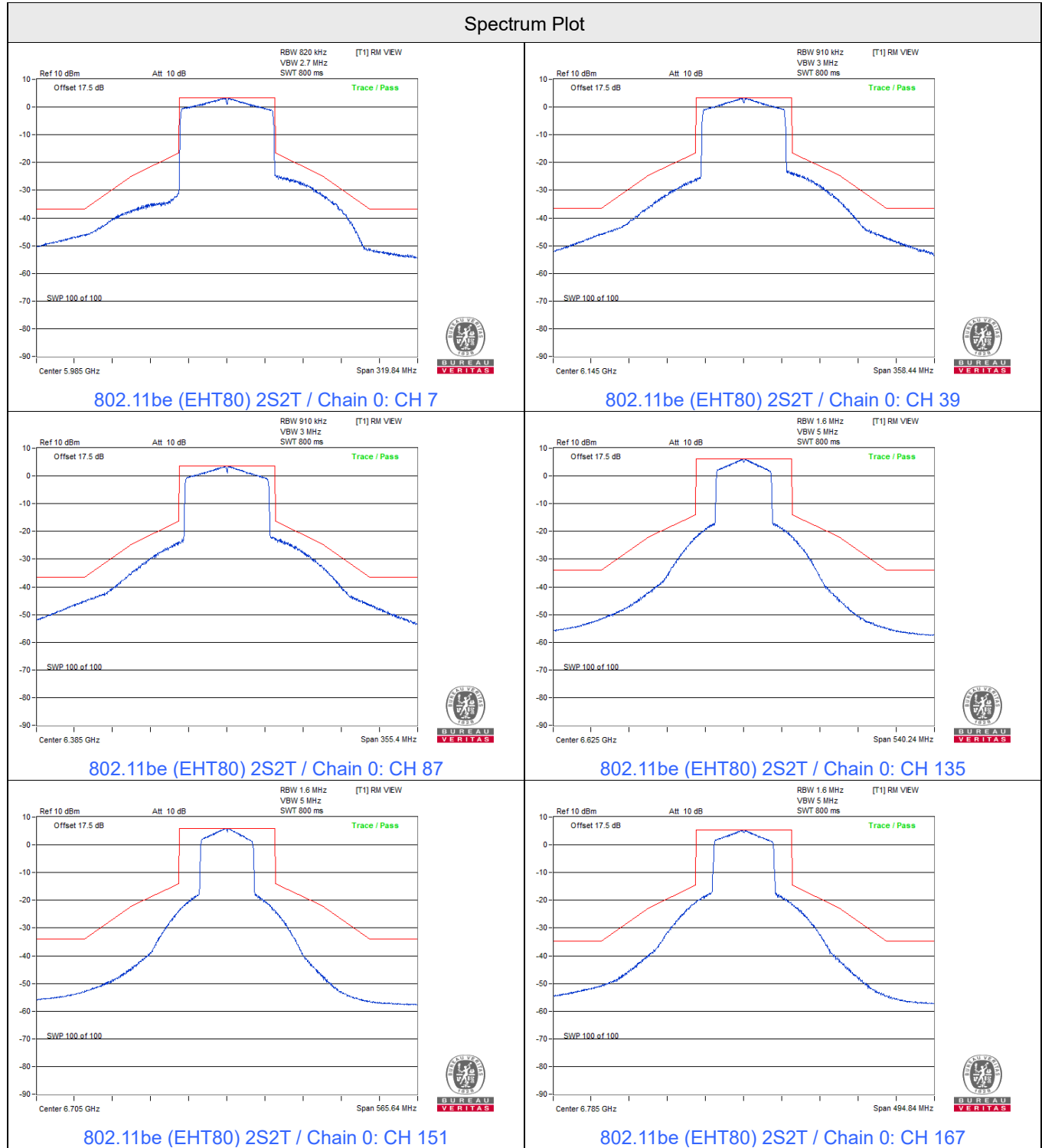


802.11be (EHT40) 2S2T / Chain 1: CH 155

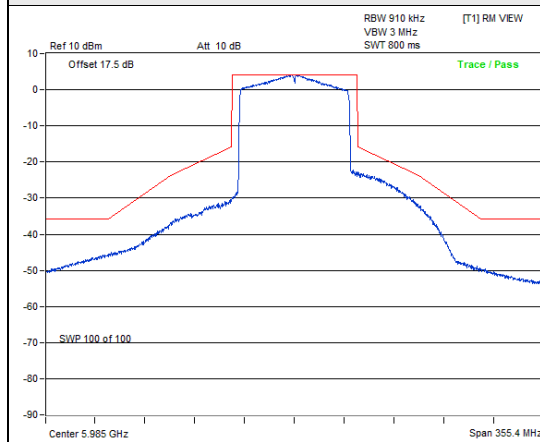


802.11be (EHT40) 2S2T / Chain 1: CH 179

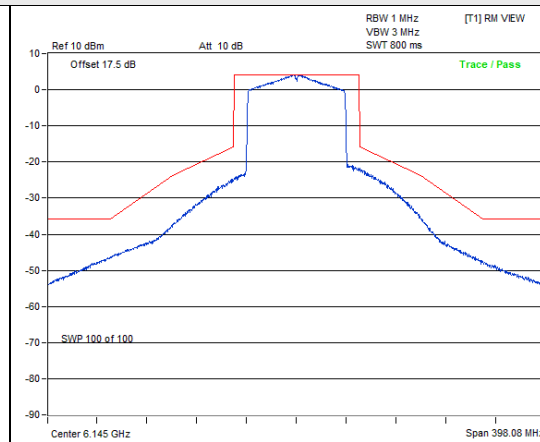
802.11be (EHT80) 2S2T



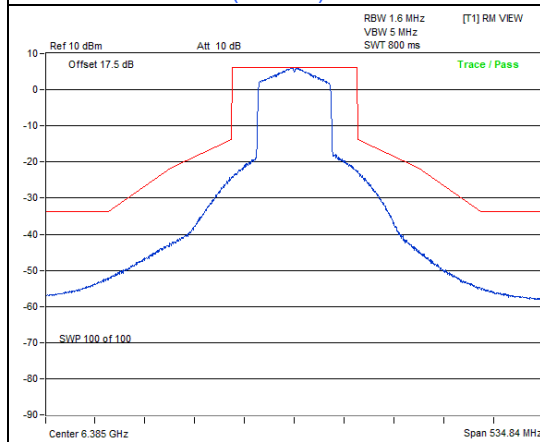
Spectrum Plot



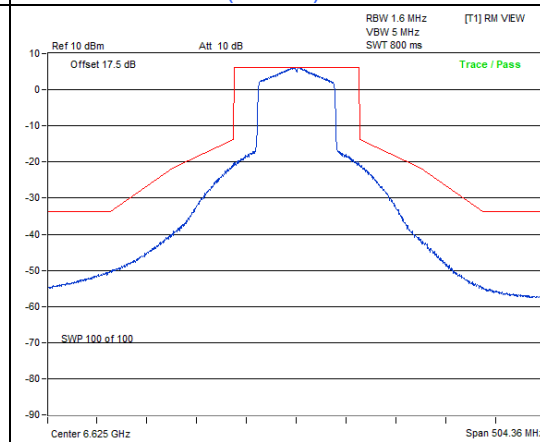
802.11be (EHT80) 2S2T / Chain 1: CH 7



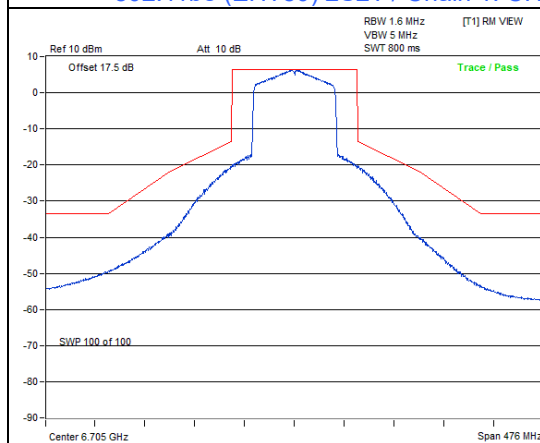
802.11be (EHT80) 2S2T / Chain 1: CH 39



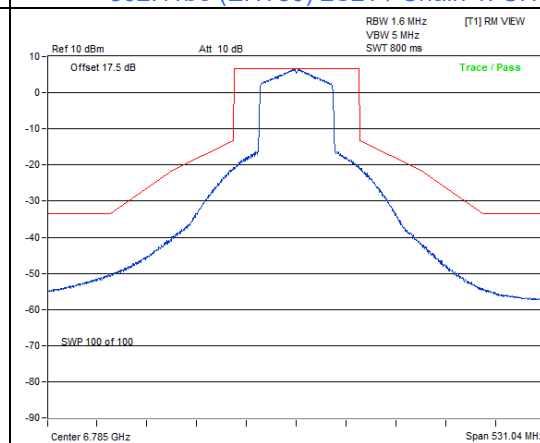
802.11be (EHT80) 2S2T / Chain 1: CH 87



802.11be (EHT80) 2S2T / Chain 1: CH 135



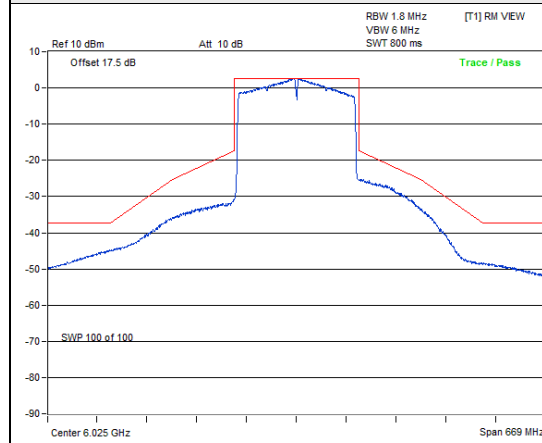
802.11be (EHT80) 2S2T / Chain 1: CH 151



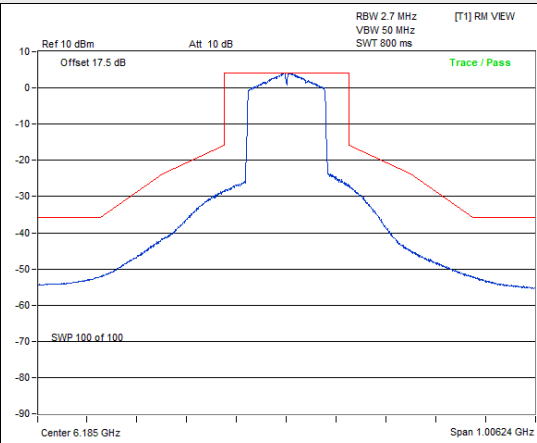
802.11be (EHT80) 2S2T / Chain 1: CH 167

802.11be (EHT160) 2S2T

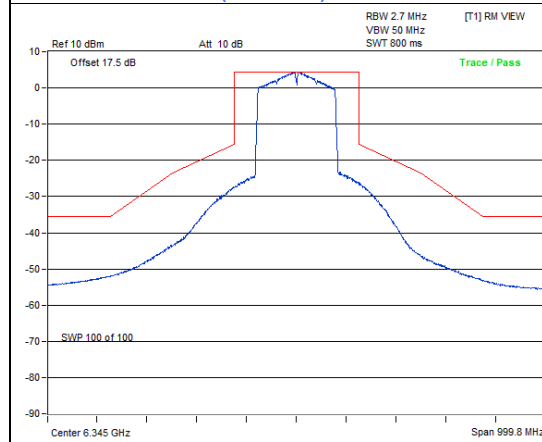
Spectrum Plot



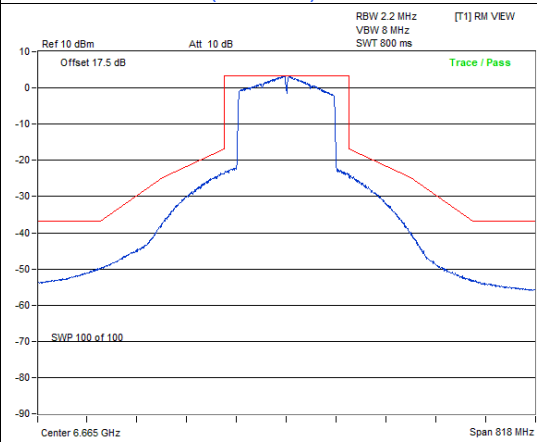
802.11be (EHT160) 2S2T / Chain 0: CH 15



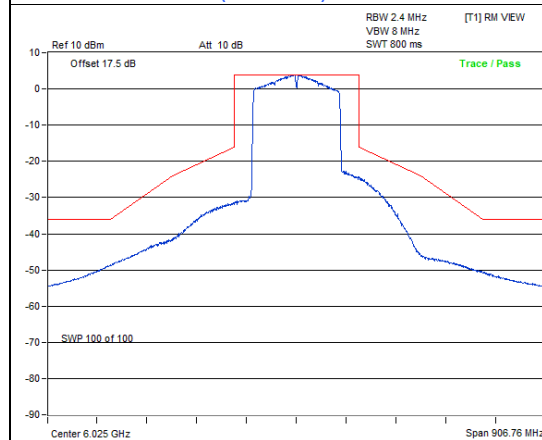
802.11be (EHT160) 2S2T / Chain 0: CH 47



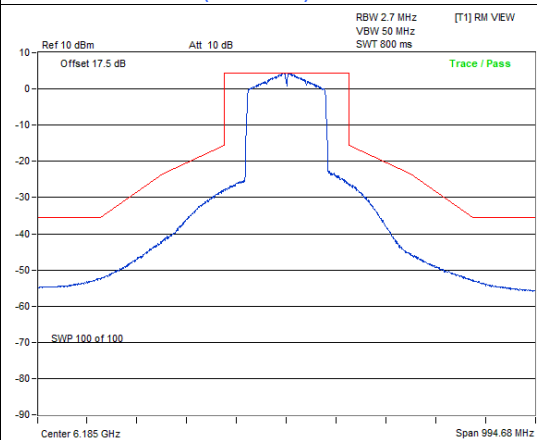
802.11be (EHT160) 2S2T / Chain 0: CH 79



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

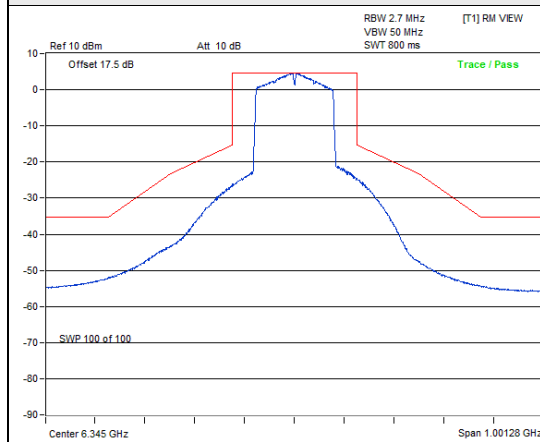


802.11be (EHT160) 2S2T / Chain 1: CH 15

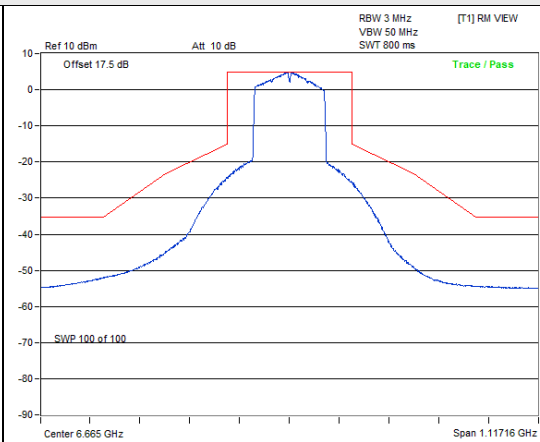


802.11be (EHT160) 2S2T / Chain 1: CH 47

Spectrum Plot

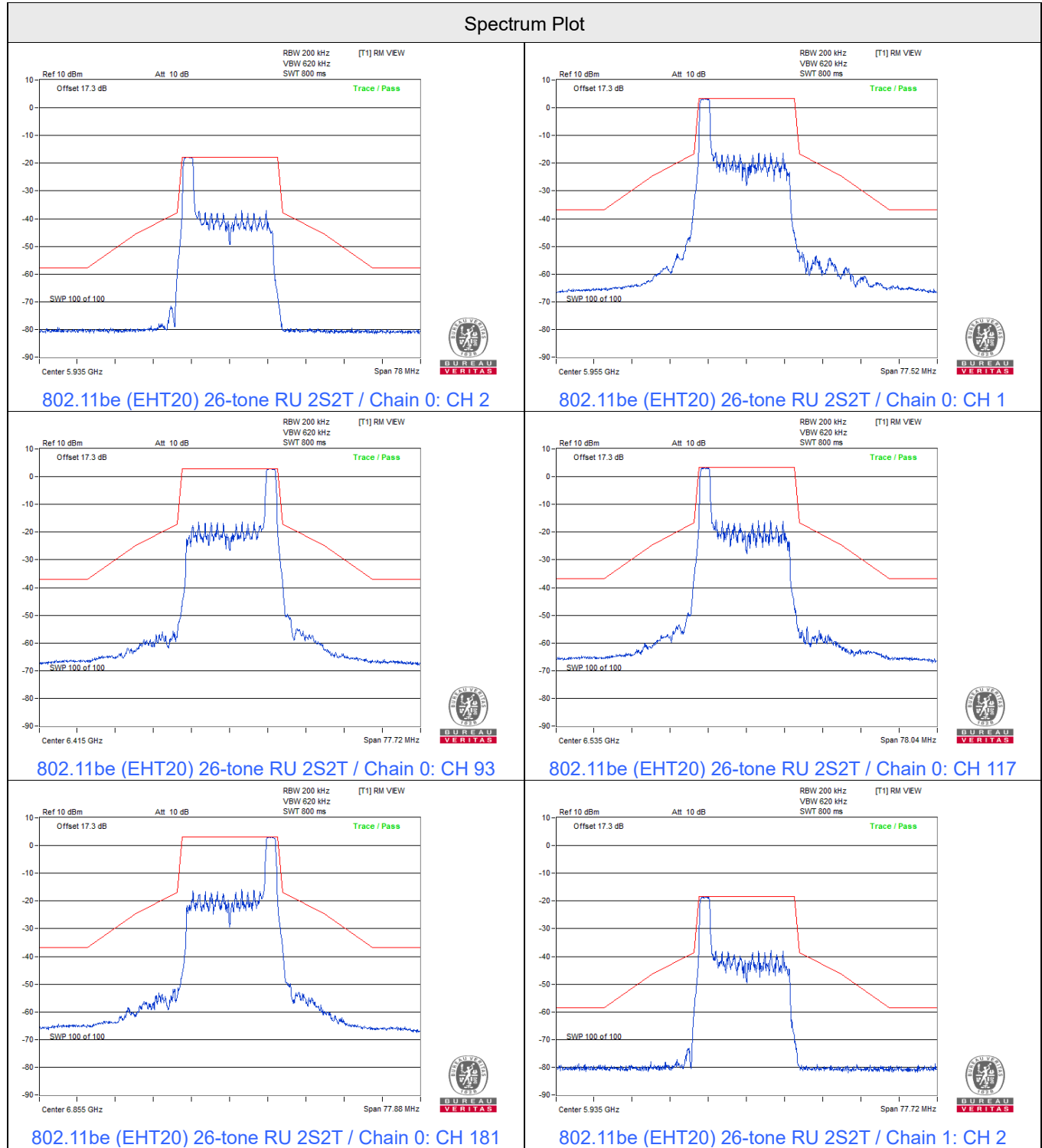


802.11be (EHT160) 2S2T / Chain 1: CH 79

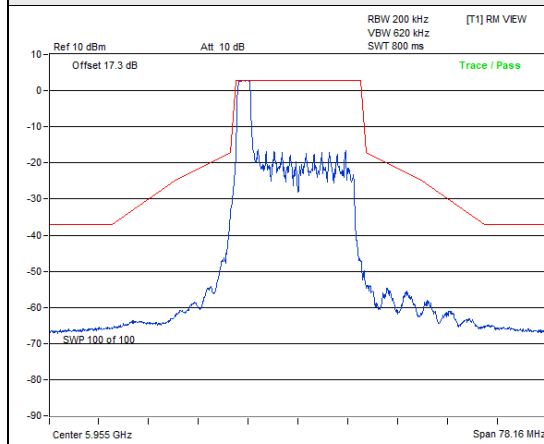


802.11be (EHT160) 2S2T / Chain 1: CH 143

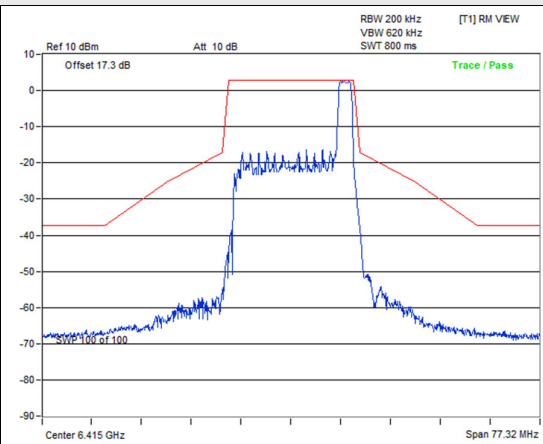
802.11be (EHT20) 26-tone RU 2S2T



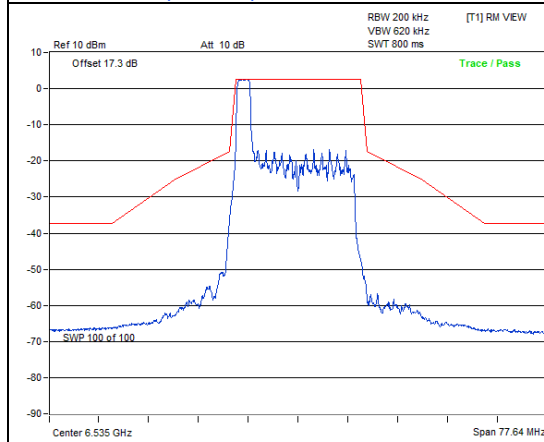
Spectrum Plot



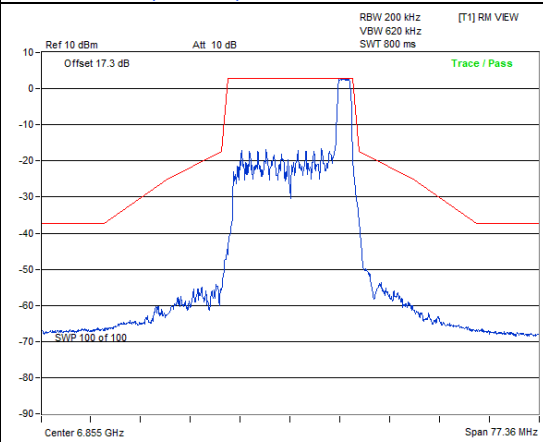
802.11be (EHT20) 26-tone RU 2S2T / Chain 1: CH 1



802.11be (EHT20) 26-tone RU 2S2T / Chain 1: CH 93



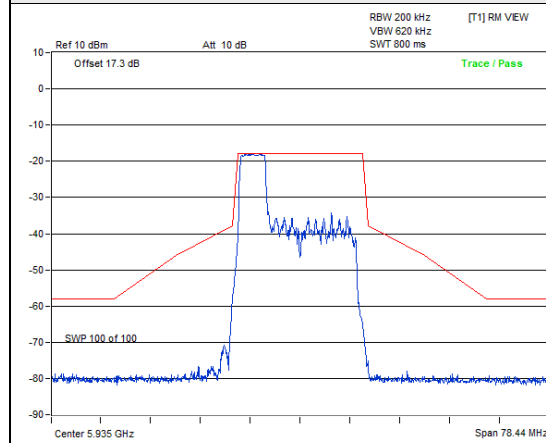
802.11be (EHT20) 26-tone RU 2S2T / Chain 1: CH 117



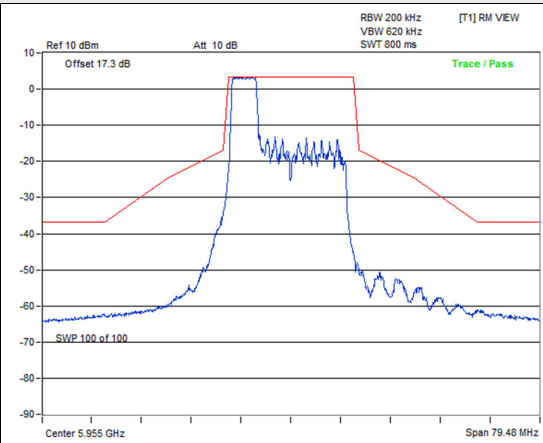
802.11be (EHT20) 26-tone RU 2S2T / Chain 1: CH 181

802.11be (EHT20) 52-tone RU 2S2T

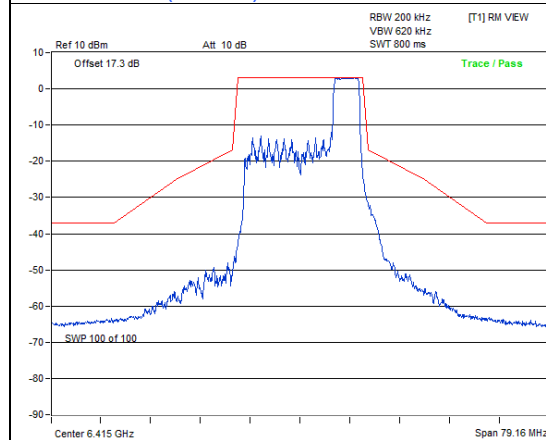
Spectrum Plot



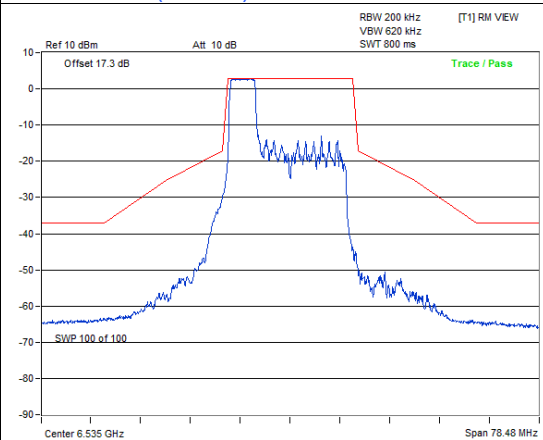
802.11be (EHT20) 52-tone RU 2S2T / Chain 0: CH 2



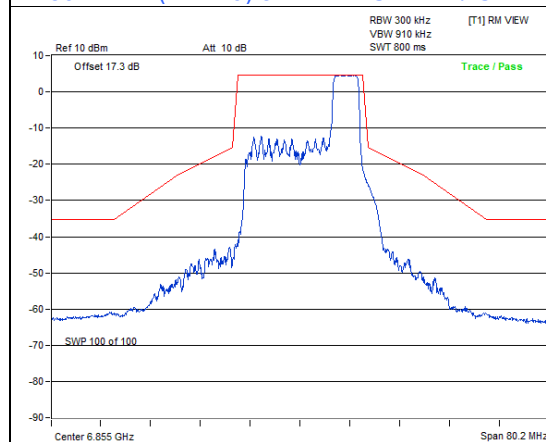
802.11be (EHT20) 52-tone RU 2S2T / Chain 0: CH 1



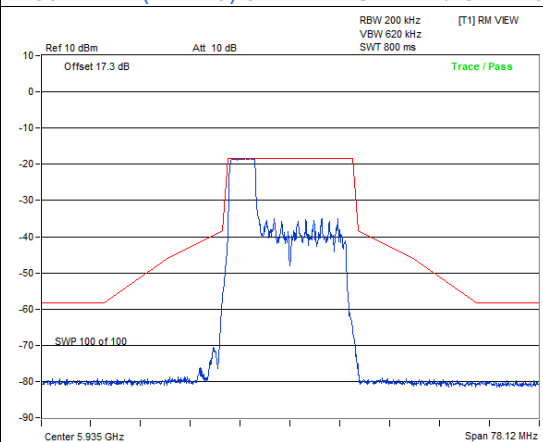
802.11be (EHT20) 52-tone RU 2S2T / Chain 0: CH 93



802.11be (EHT20) 52-tone RU 2S2T / Chain 0: CH 117

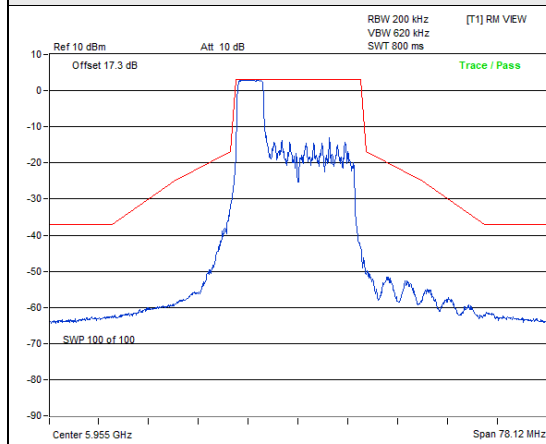


802.11be (EHT20) 52-tone RU 2S2T / Chain 0: CH 181

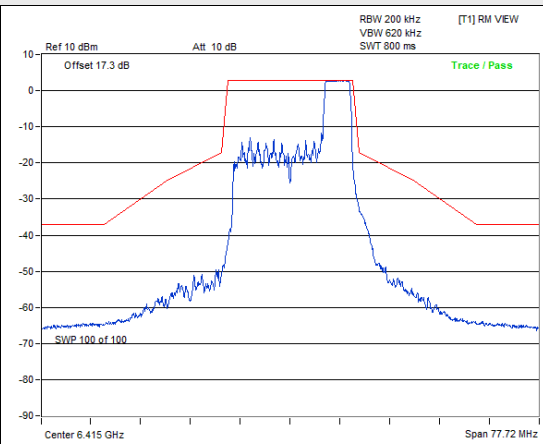


802.11be (EHT20) 52-tone RU 2S2T / Chain 1: CH 2

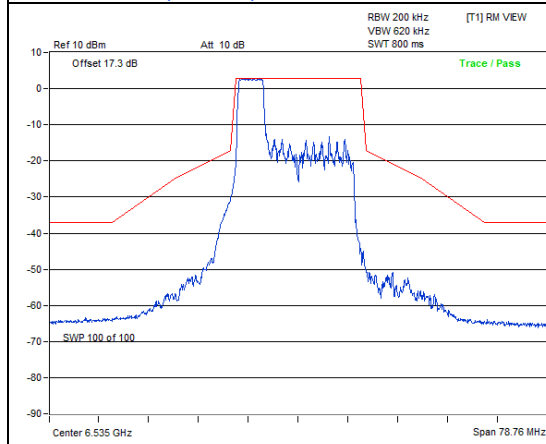
Spectrum Plot



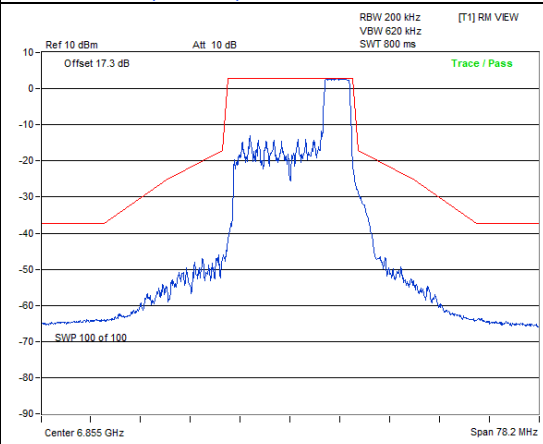
802.11be (EHT20) 52-tone RU 2S2T / Chain 1: CH 1



802.11be (EHT20) 52-tone RU 2S2T / Chain 1: CH 93



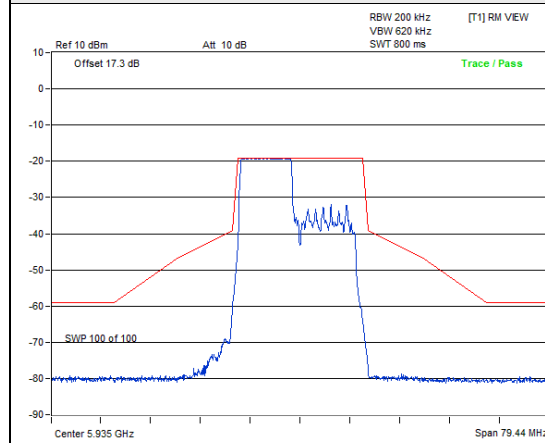
802.11be (EHT20) 52-tone RU 2S2T / Chain 1: CH 117



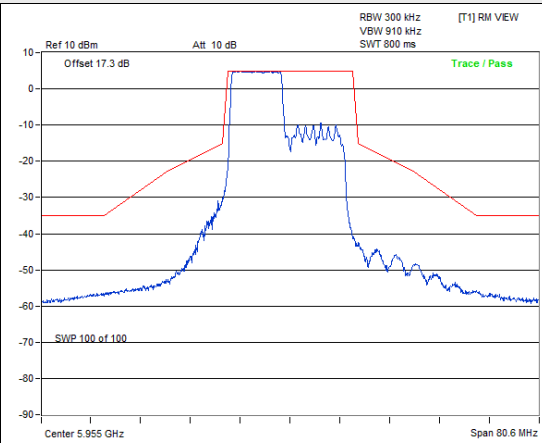
802.11be (EHT20) 52-tone RU 2S2T / Chain 1: CH 181

802.11be (EHT20) 106-tone RU 2S2T

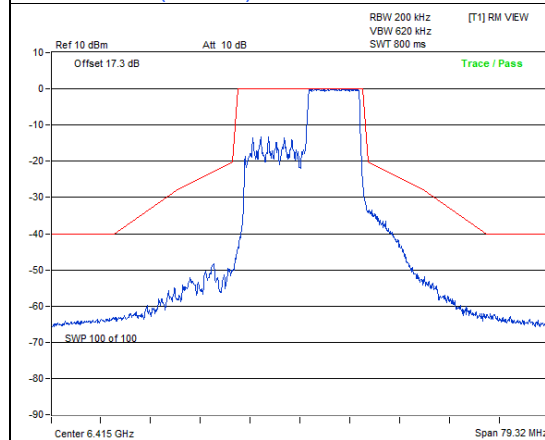
Spectrum Plot



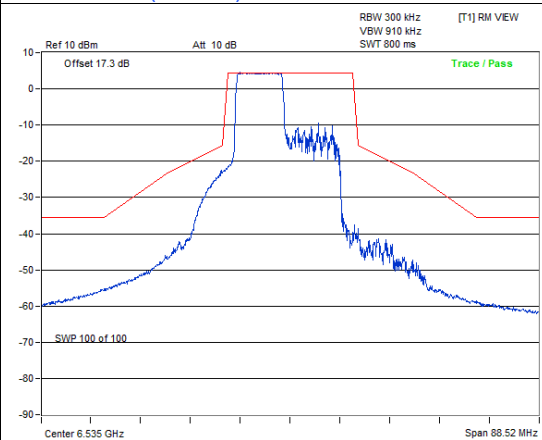
802.11be (EHT20) 106-tone RU 2S2T / Chain 0: CH 2



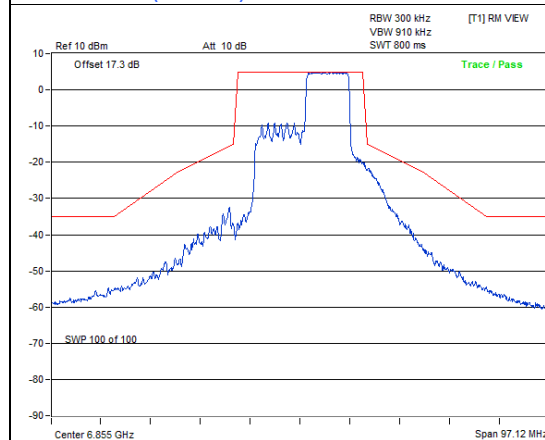
802.11be (EHT20) 106-tone RU 2S2T / Chain 0: CH 1



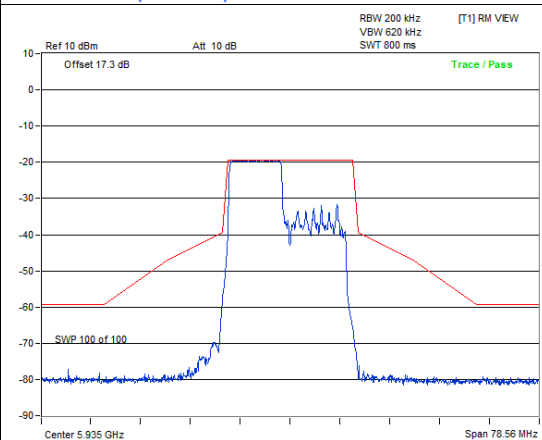
802.11be (EHT20) 106-tone RU 2S2T / Chain 0: CH 93



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

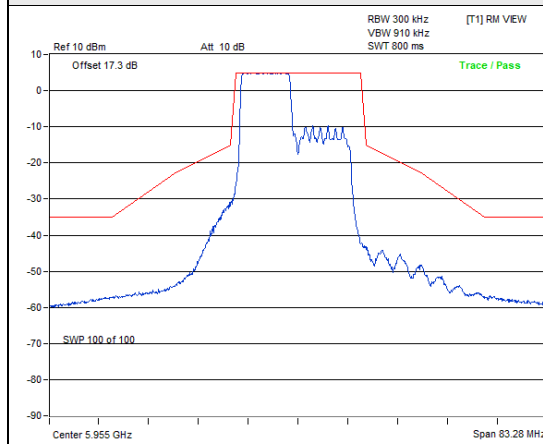


802.11be (EHT20) 106-tone RU 2S2T / Chain 0: CH 181

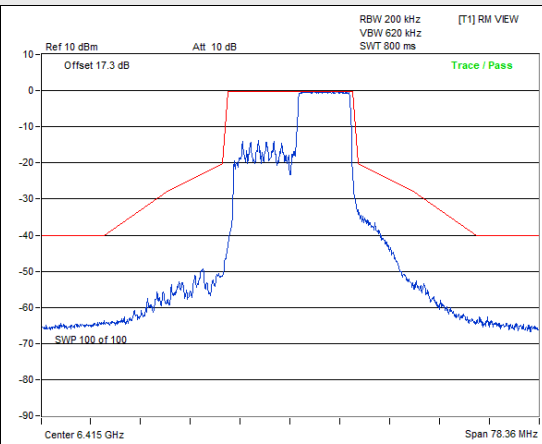


802.11be (EHT20) 106-tone RU 2S2T / Chain 1: CH 2

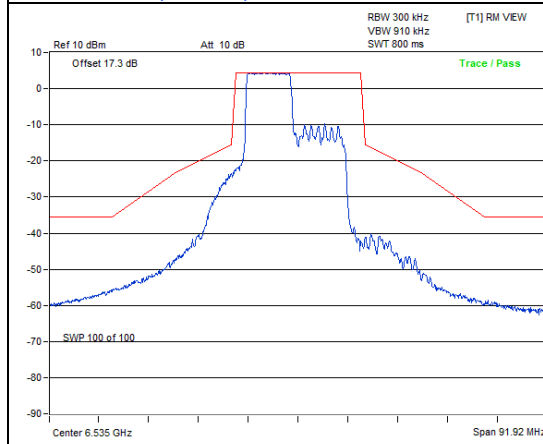
Spectrum Plot



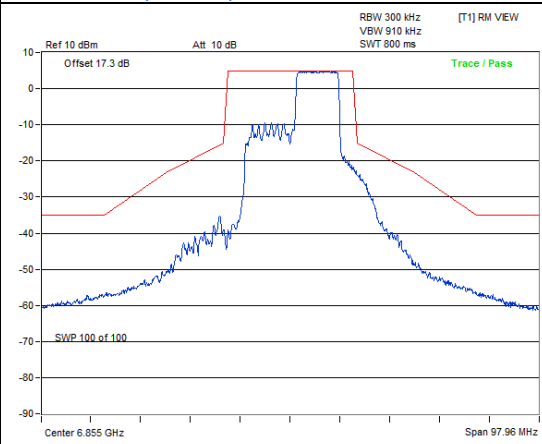
802.11be (EHT20) 106-tone RU 2S2T / Chain 1: CH 1



802.11be (EHT20) 106-tone RU 2S2T / Chain 1: CH 93



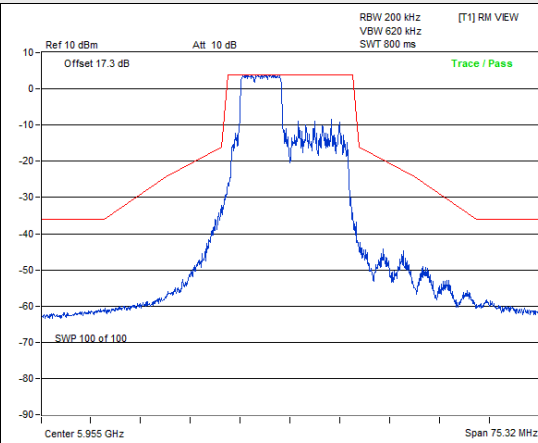
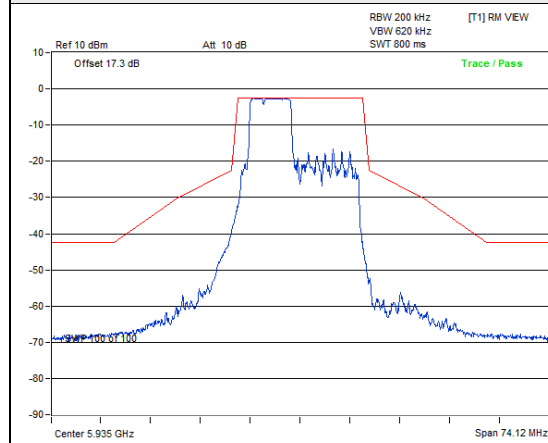
802.11be (EHT20) 106-tone RU 2S2T / Chain 1: CH 117



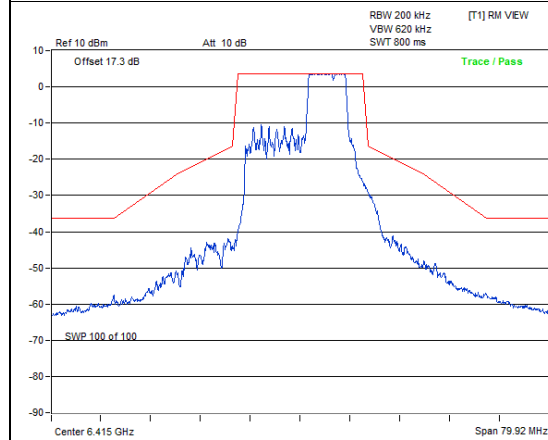
802.11be (EHT20) 106-tone RU 2S2T / Chain 1: CH 181

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

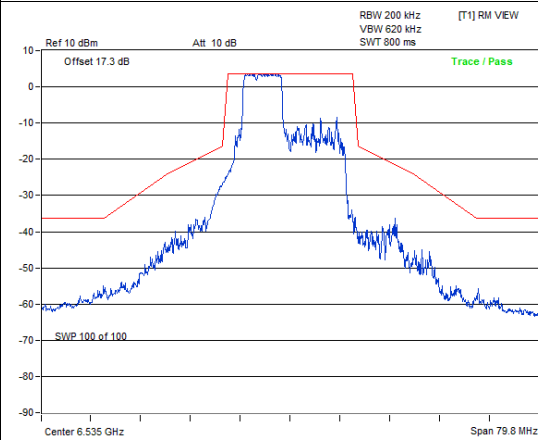
Spectrum Plot



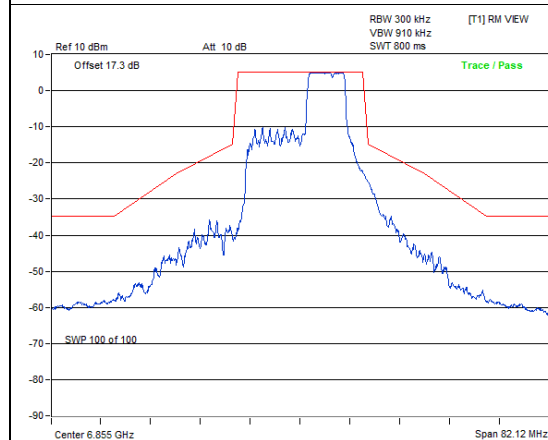
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0: CH 2



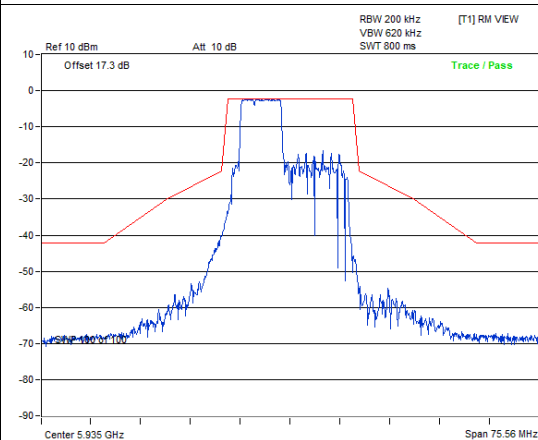
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0: CH 1



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



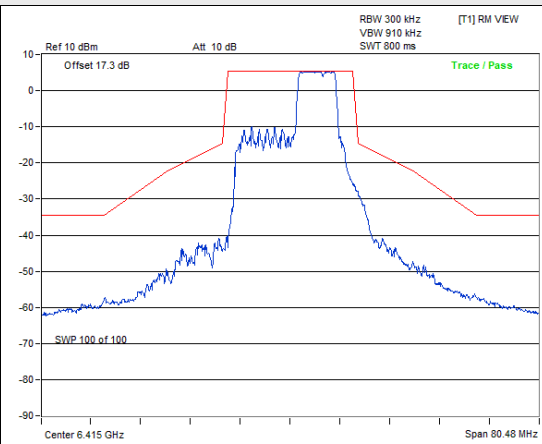
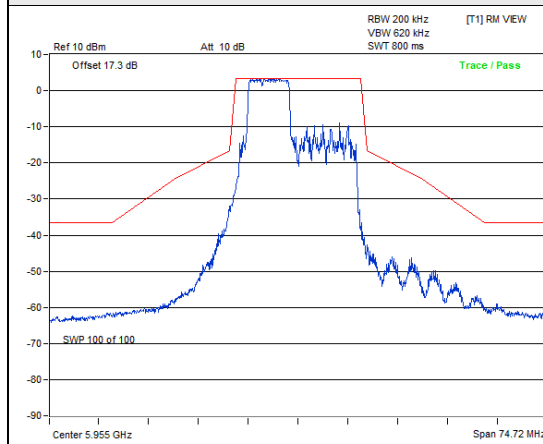
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0: CH 117



802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0: CH 181

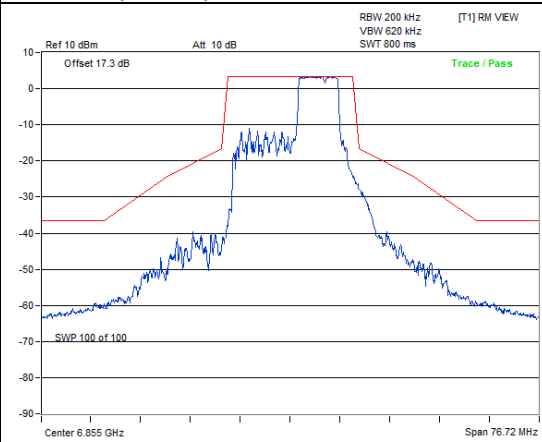
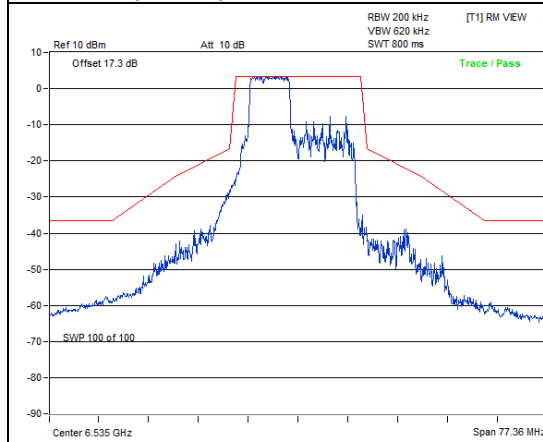
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1: CH 2

Spectrum Plot



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

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

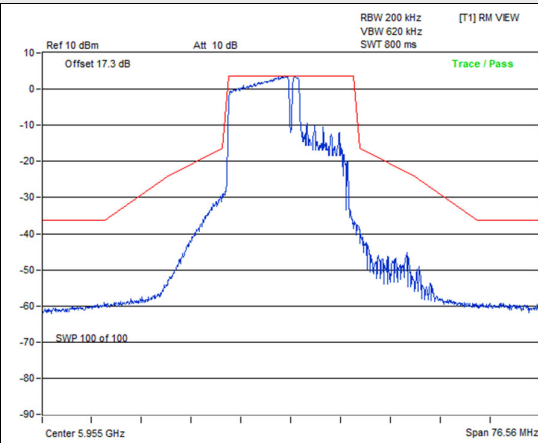
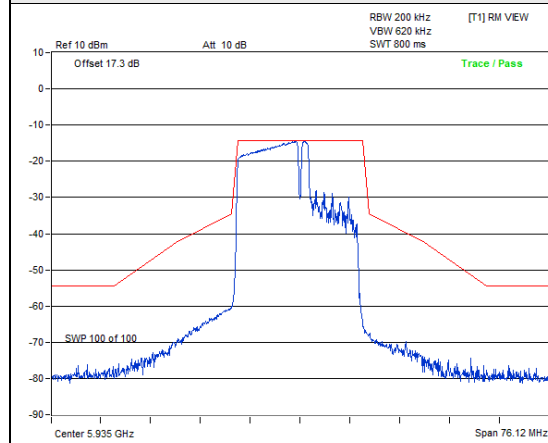


802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1: CH
117

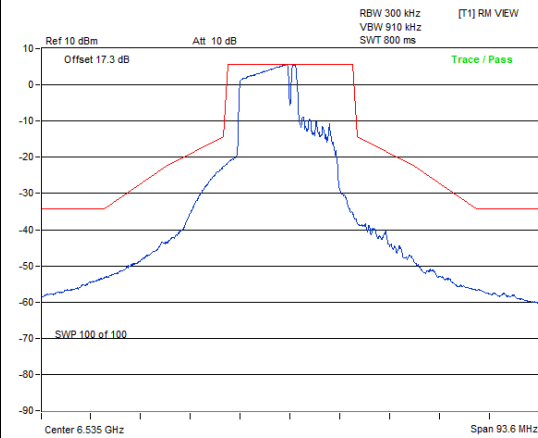
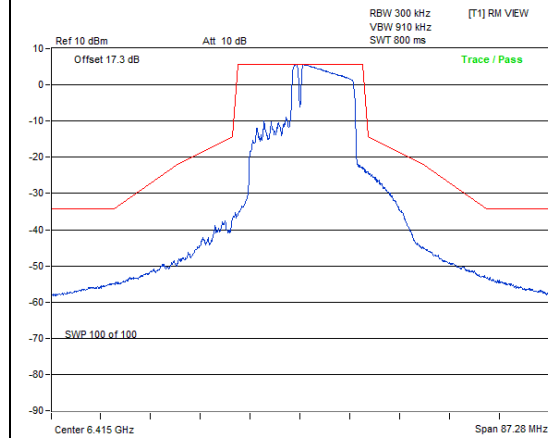
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 1: CH
181

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

Spectrum Plot

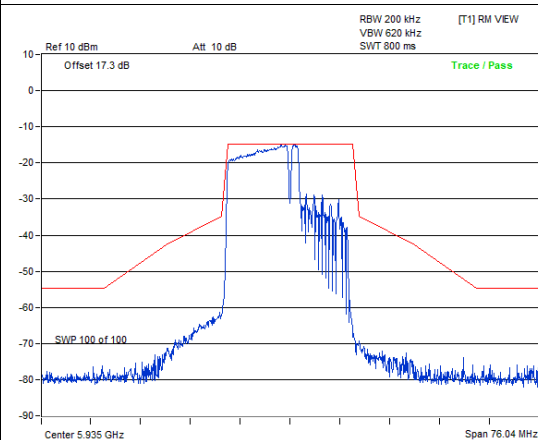
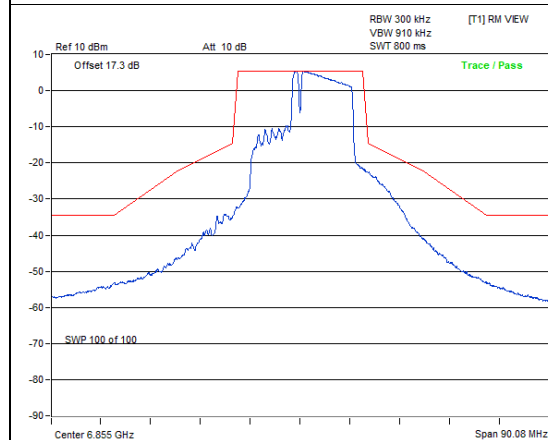


802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0: CH 2 802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0: CH 1



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

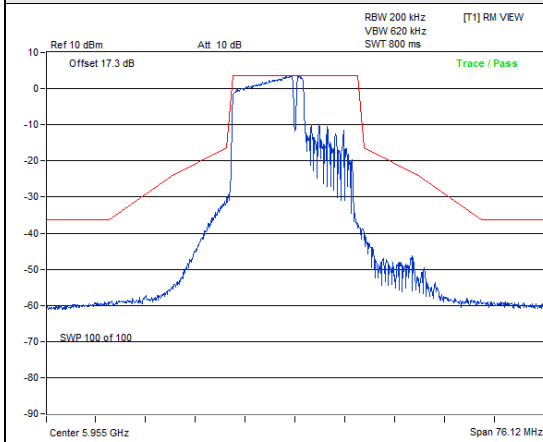
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0: CH 117



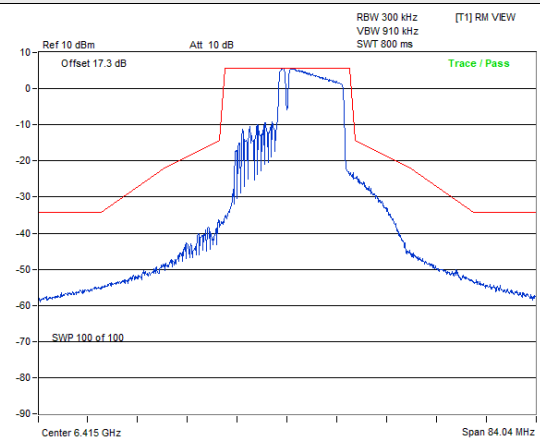
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 0: CH 181

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

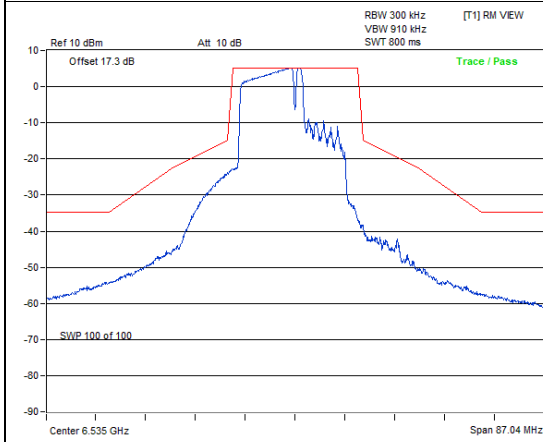
Spectrum Plot



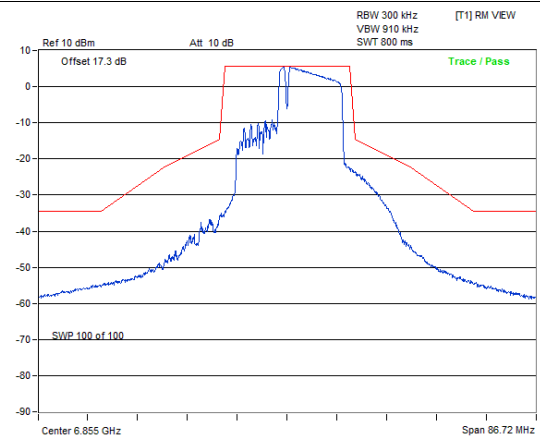
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH 1



802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH 93



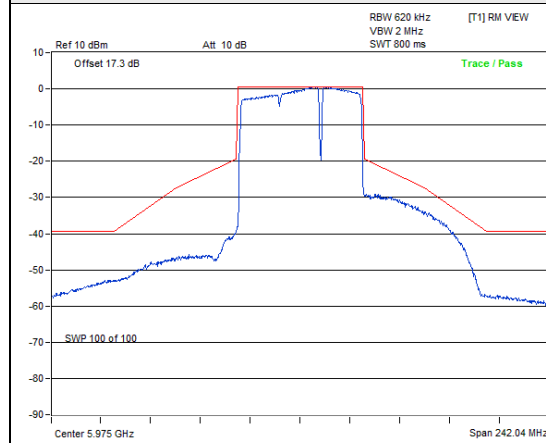
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH 117



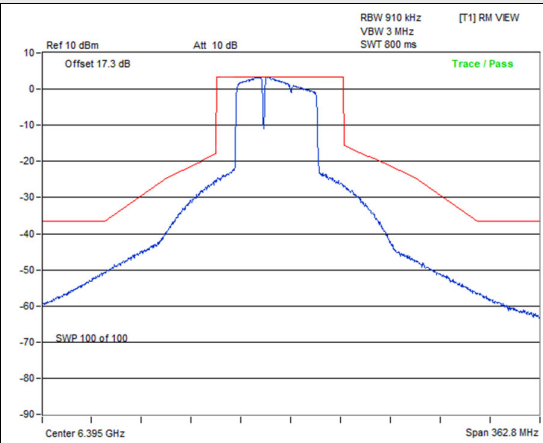
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH 181

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

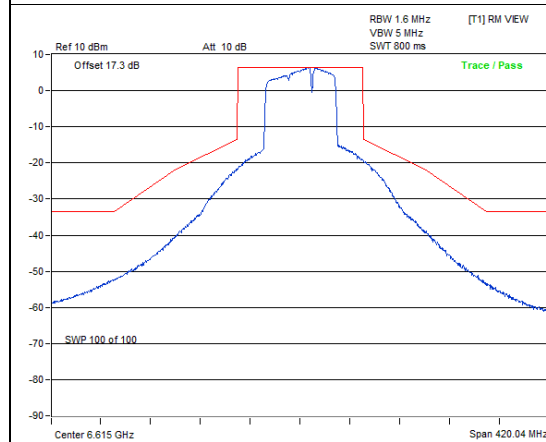
Spectrum Plot



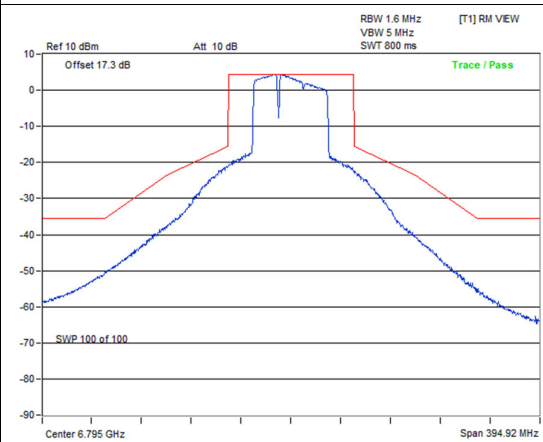
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 7



802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 87



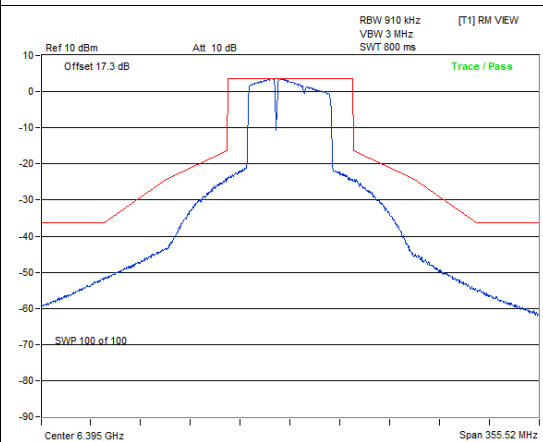
802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 135



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

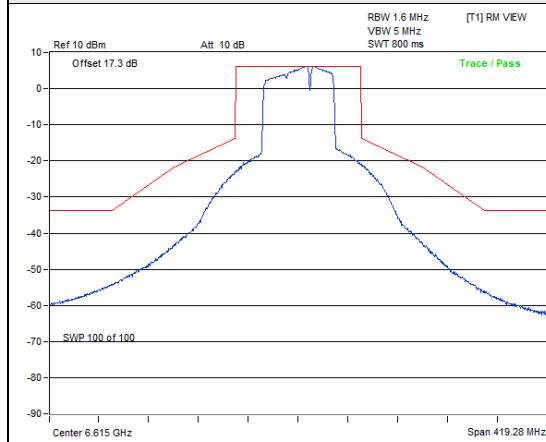


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH 7

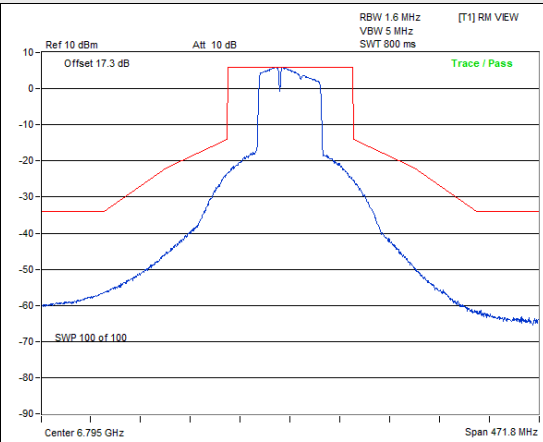


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH 87

Spectrum Plot

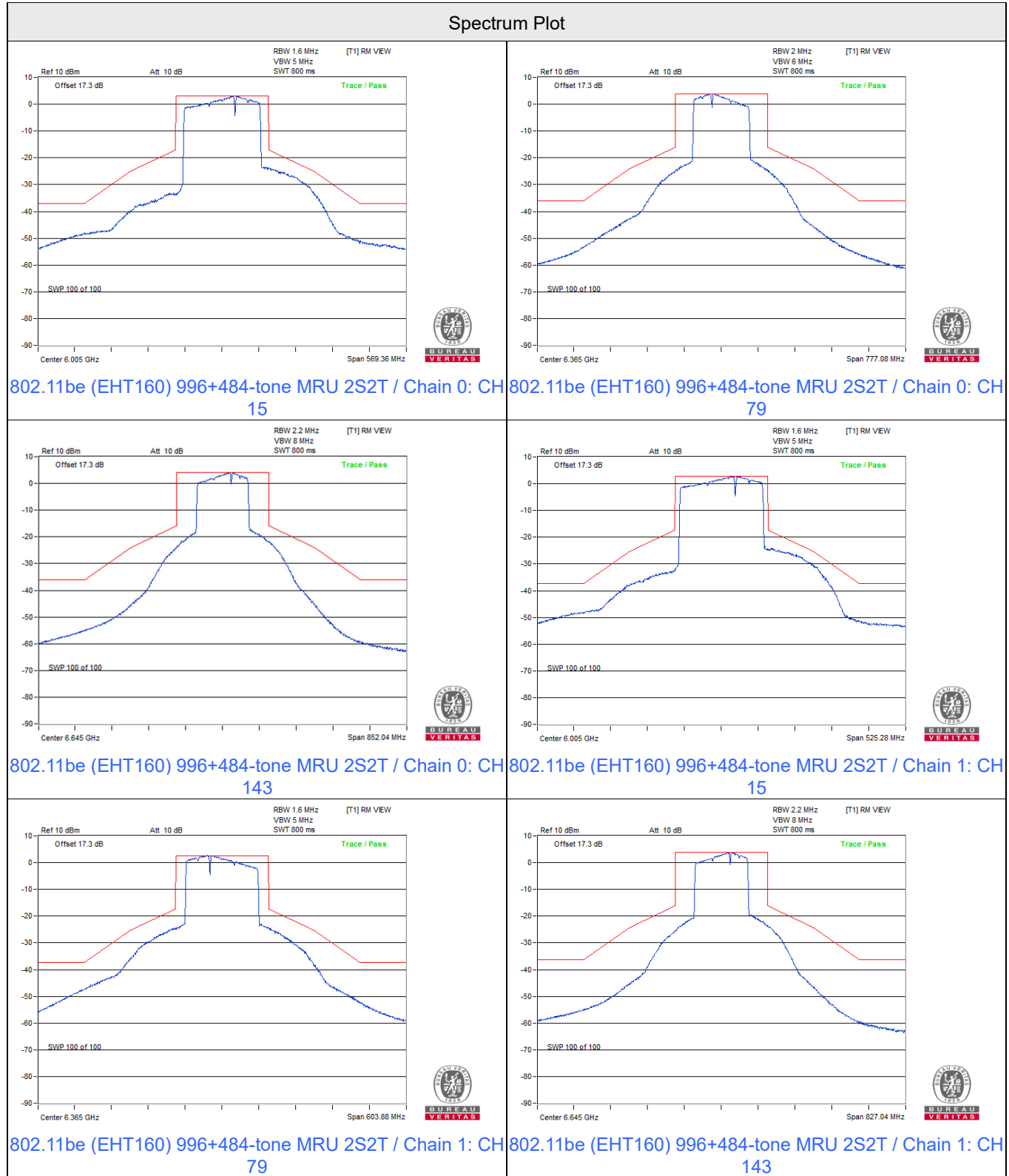


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH
135

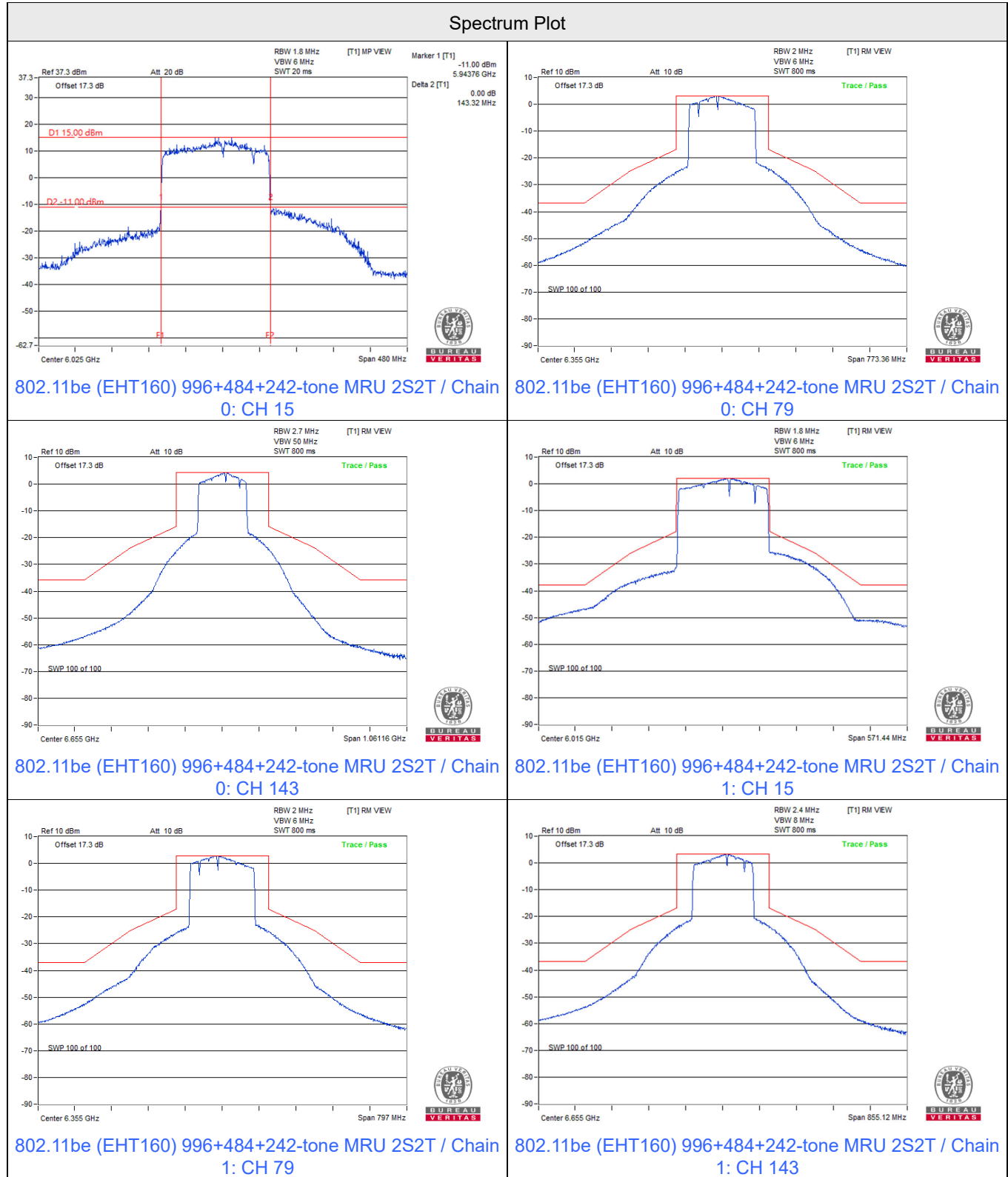


802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 1: CH
167

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



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



7.5 Occupied Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 58% RH	Tested By:	Henry Hsu
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under control of a low-power indoor AP

1Tx

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	16.5
1	5955	16.32
45	6175	16.44
93	6415	16.32
97	6435	16.44
105	6475	16.44
113	6515	16.5
117	6535	16.5
149	6695	16.5
181	6855	16.44
185	6875	16.44
209	6995	16.5
233	7115	16.32

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	18.78
1	5955	18.78
45	6175	18.96
93	6415	18.84
97	6435	19.02
105	6475	18.96
113	6515	18.9
117	6535	19.02
149	6695	18.96
181	6855	18.9
185	6875	18.96
209	6995	18.9
233	7115	18.78

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
3	5965	37.68
43	6165	38.16
91	6405	37.68
99	6445	38.16
107	6485	37.92
115	6525	38.28
123	6565	38.04
155	6725	38.28
179	6845	38.04
187	6885	38.04
211	7005	38.04
227	7085	37.8

802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
7	5985	76.8
39	6145	77.28
87	6385	77.04
103	6465	77.52
119	6545	77.52
151	6705	77.52
183	6865	77.52
199	6945	77.52
215	7025	76.8

802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	156
47	6185	157.92
79	6345	155.52
111	6505	157.92
143	6665	157.92
175	6825	157.44
207	6985	155.52

802.11be (EHT20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	18.3
1	5955	18.24
93	6415	18.24
97	6435	18.24
113	6515	18.3
117	6535	18.3
185	6875	18.18
209	6995	18.36
233	7115	18.24

802.11be (EHT20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	18.12
1	5955	18.18
93	6415	18.18
97	6435	18
113	6515	18.12
117	6535	18.18
185	6875	18.18
209	6995	18.06
233	7115	18.12

802.11be (EHT20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	18.18
1	5955	18.18
93	6415	18.24
97	6435	17.76
113	6515	18.18
117	6535	18.12
185	6875	18.12
209	6995	18.18
233	7115	18.18

802.11be (EHT20) 52+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	17.16
1	5955	17.16
93	6415	17.04
97	6435	16.92
113	6515	17.1
117	6535	17.04
185	6875	17.16
209	6995	16.98
233	7115	16.86

802.11be (EHT20) 106+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	17.94
1	5955	17.76
93	6415	17.7
97	6435	18
113	6515	18.12
117	6535	18.06
185	6875	18
209	6995	18
233	7115	17.82

802.11be (EHT80) 484+242-tone MRU

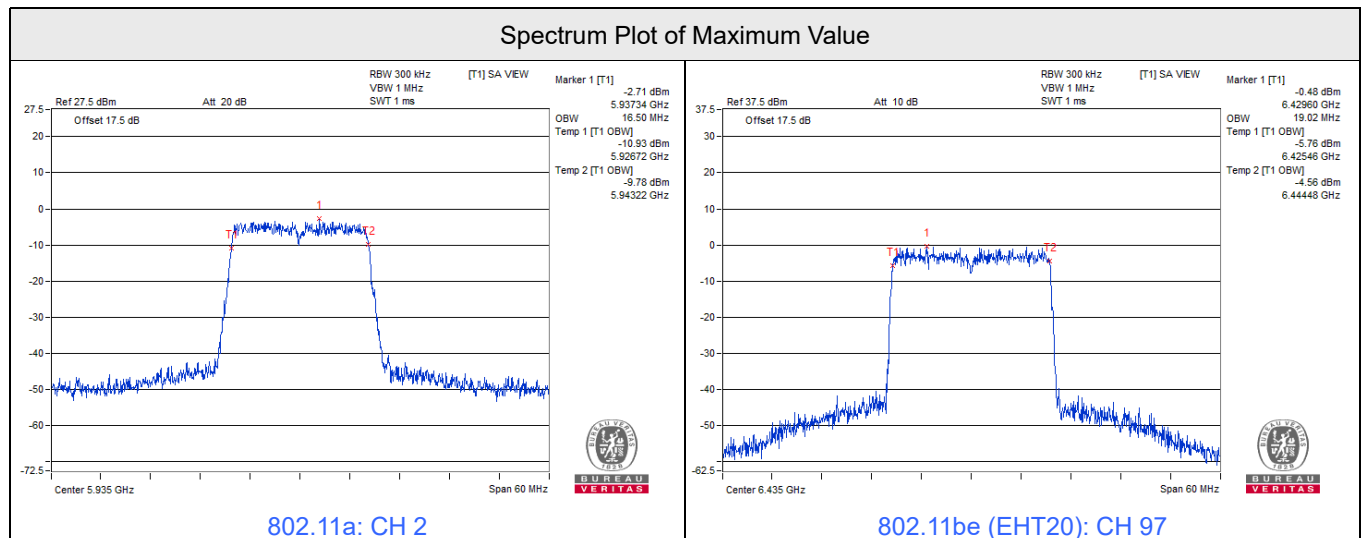
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
7	5985	58.08
87	6385	58.08
103	6465	58.32
119	6545	58.56
183	6865	58.56
199	6945	58.8
215	7025	58.08

802.11be (EHT160) 996+484-tone MRU

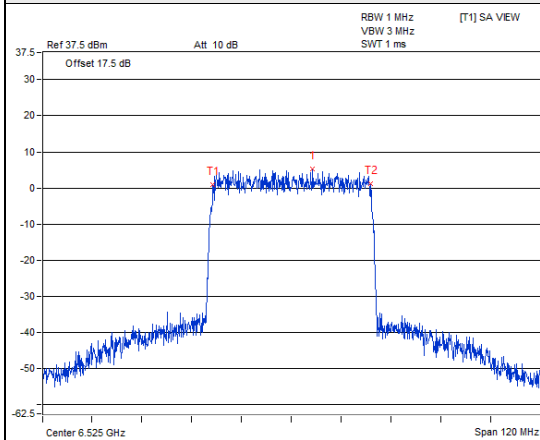
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	117.12
79	6345	116.64
111	6505	117.6
143	6665	118.08
175	6825	118.08
207	6985	117.12

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

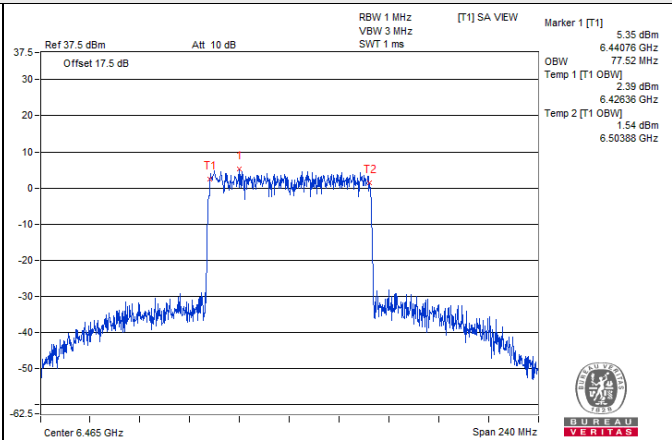
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	137.76
79	6345	137.28
111	6505	138.24
143	6665	138.72
175	6825	138.72
207	6985	137.28



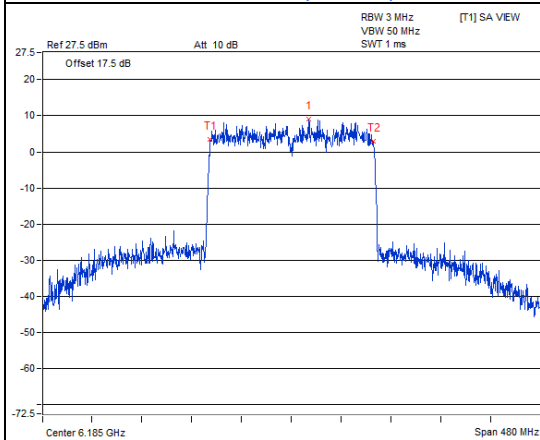
Spectrum Plot of Maximum Value



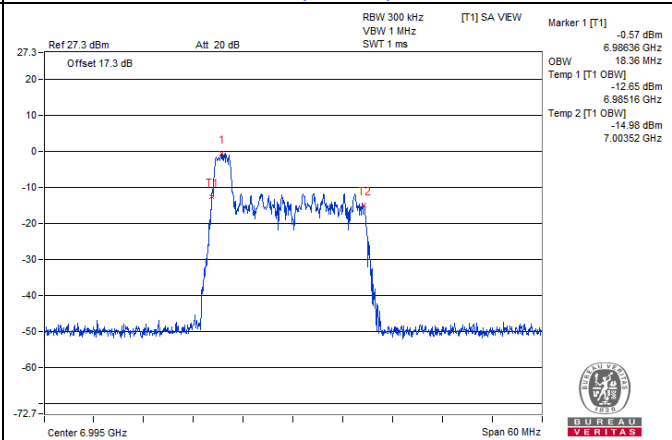
802.11be (EHT40): CH 115



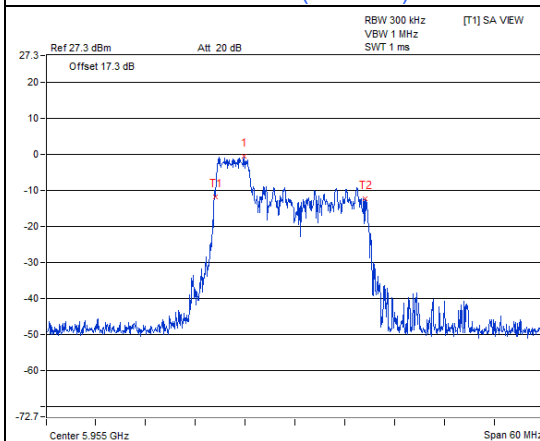
802.11be (EHT80): CH 103



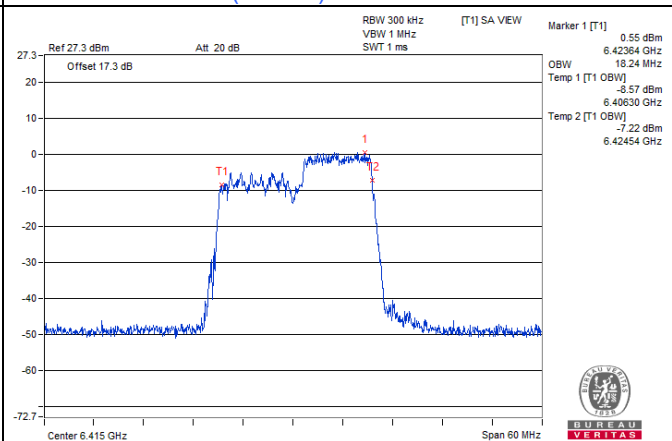
802.11be (EHT160): CH 47



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

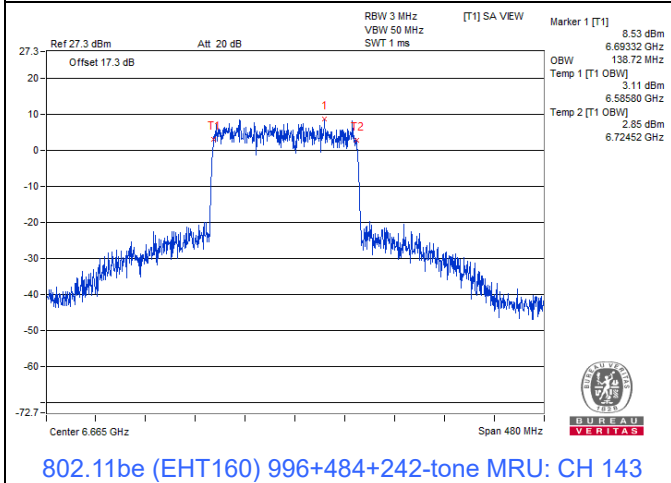
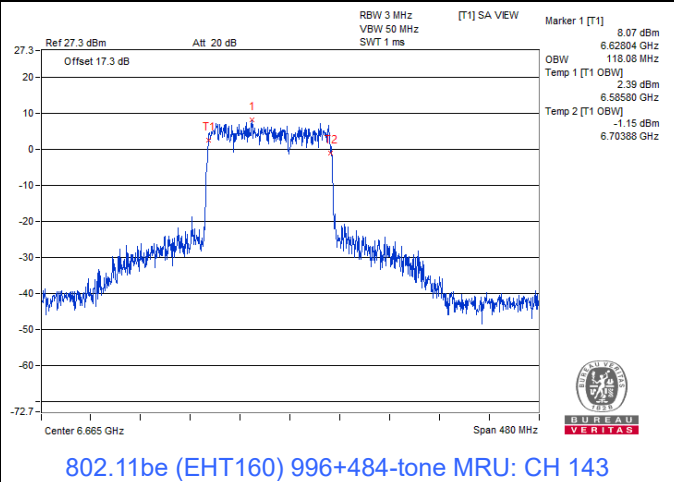
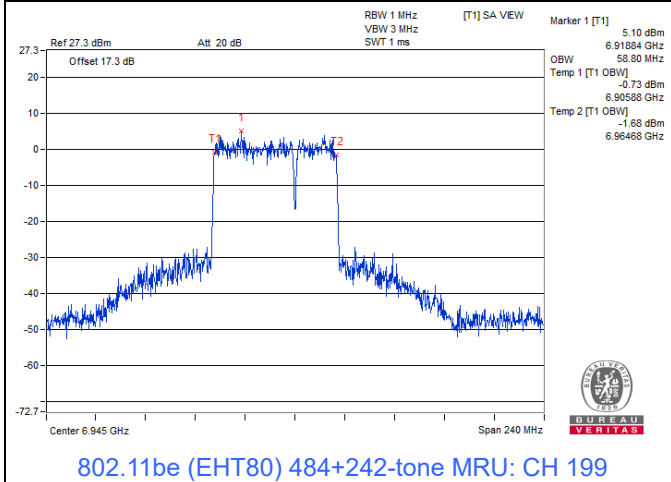
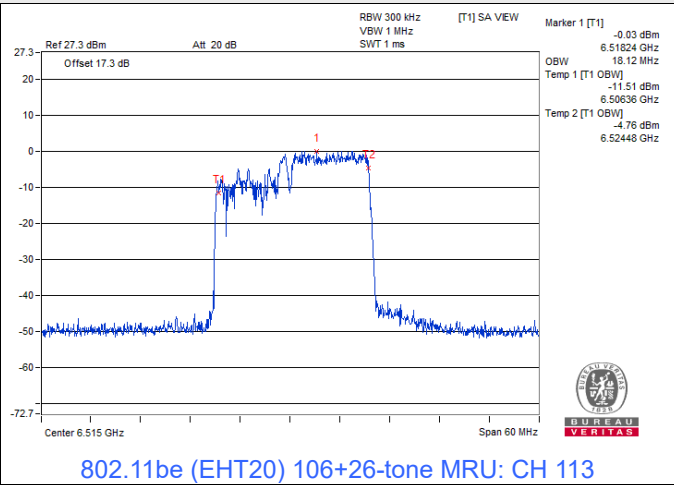
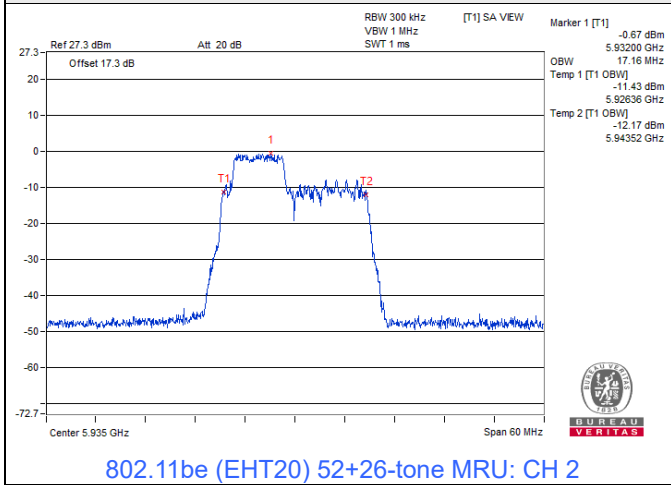


802.11be (EHT20) 52-tone RU: CH 1



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

Spectrum Plot of Maximum Value



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

2Tx

802.11a 1S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	16.56	16.44
1	5955	16.38	16.38
45	6175	16.50	16.50
93	6415	16.32	16.32
97	6435	16.50	16.38
105	6475	16.50	16.50
113	6515	16.50	16.44
117	6535	16.44	16.44
149	6695	16.50	16.44
181	6855	16.50	16.44
185	6875	16.50	16.44
209	6995	16.50	16.44
233	7115	16.38	16.32

802.11be (EHT20) 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	18.90	18.90
1	5955	18.66	18.78
45	6175	18.96	18.90
93	6415	18.84	18.72
97	6435	18.96	19.02
105	6475	19.02	18.96
113	6515	18.96	18.96
117	6535	19.02	18.96
149	6695	18.96	18.96
181	6855	18.96	18.96
185	6875	18.90	19.02
209	6995	18.96	18.96
233	7115	18.78	18.90

802.11be (EHT40) 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
3	5965	37.68	37.92
43	6165	38.16	38.28
91	6405	37.68	37.68
99	6445	38.16	38.16
107	6485	37.92	38.16
115	6525	38.04	37.92
123	6565	38.04	38.04
155	6725	38.16	38.04
179	6845	38.16	38.04
187	6885	38.16	38.04
211	7005	38.16	38.04
227	7085	37.68	37.68

802.11be (EHT80) 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	76.80	76.80
39	6145	77.28	77.52
87	6385	76.80	76.80
103	6465	77.76	77.52
119	6545	77.52	77.28
151	6705	77.76	77.76
183	6865	77.76	77.76
199	6945	77.76	77.28
215	7025	77.04	77.04

802.11be (EHT160) 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	155.52	155.52
47	6185	156.96	157.44
79	6345	156.00	155.52
111	6505	157.44	157.92
143	6665	157.92	157.44
175	6825	157.44	157.44
207	6985	155.04	155.52

802.11be (EHT20) 26-tone RU 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	18.30	18.18
1	5955	18.06	18.18
93	6415	18.30	18.30
97	6435	18.24	18.12
113	6515	18.24	18.24
117	6535	18.24	18.30
185	6875	18.18	18.24
209	6995	18.24	18.24
233	7115	18.30	18.24

802.11be (EHT20) 52-tone RU 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	18.24	18.00
1	5955	18.06	18.12
93	6415	18.12	18.18
97	6435	18.12	18.12
113	6515	18.18	18.18
117	6535	18.18	18.06
185	6875	18.12	18.18
209	6995	18.12	18.00
233	7115	17.76	18.00

802.11be (EHT20) 106-tone RU 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	18.18	18.12
1	5955	18.12	17.82
93	6415	18.12	18.12
97	6435	18.12	18.12
113	6515	18.12	18.00
117	6535	18.06	17.94
185	6875	18.06	18.12
209	6995	18.12	18.12
233	7115	18.06	18.12

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

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	17.16	17.22
1	5955	17.16	17.22
93	6415	17.16	16.98
97	6435	17.22	17.22
113	6515	16.98	17.10
117	6535	16.98	17.04
185	6875	17.16	17.04
209	6995	17.10	17.10
233	7115	17.22	17.10

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

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	17.70	17.76
1	5955	17.46	17.76
93	6415	17.52	17.76
97	6435	18.00	18.06
113	6515	18.06	18.18
117	6535	18.06	18.12
185	6875	18.12	18.00
209	6995	18.06	18.06
233	7115	17.88	17.82

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

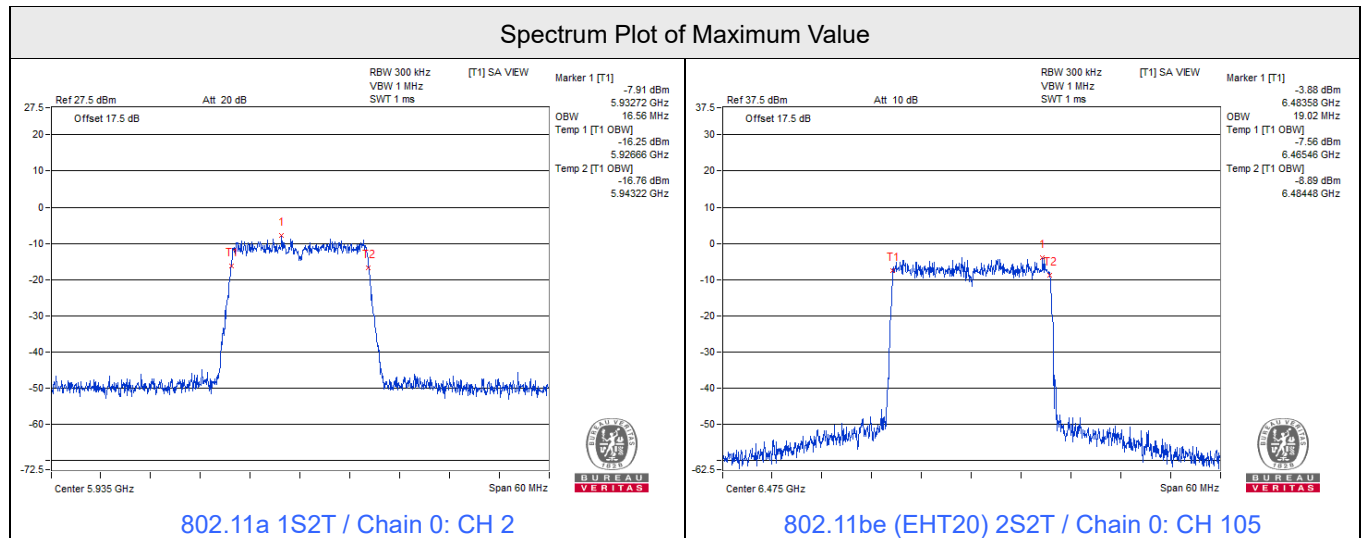
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	57.84	58.32
87	6385	58.08	58.08
103	6465	58.32	58.32
119	6545	58.56	58.32
183	6865	58.56	58.32
199	6945	58.32	58.56
215	7025	58.08	58.08

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

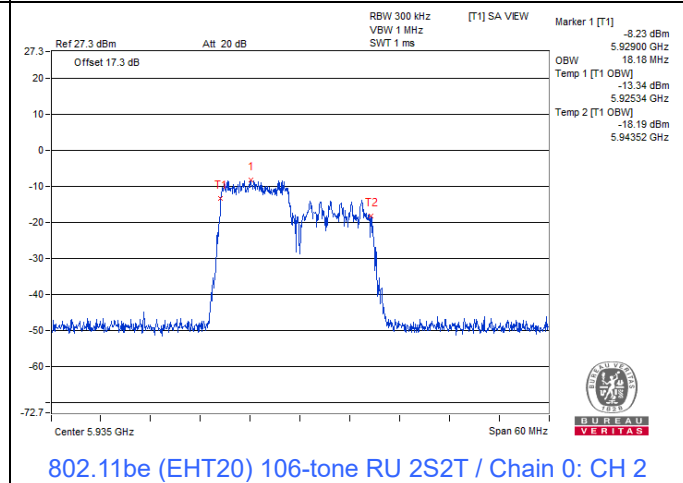
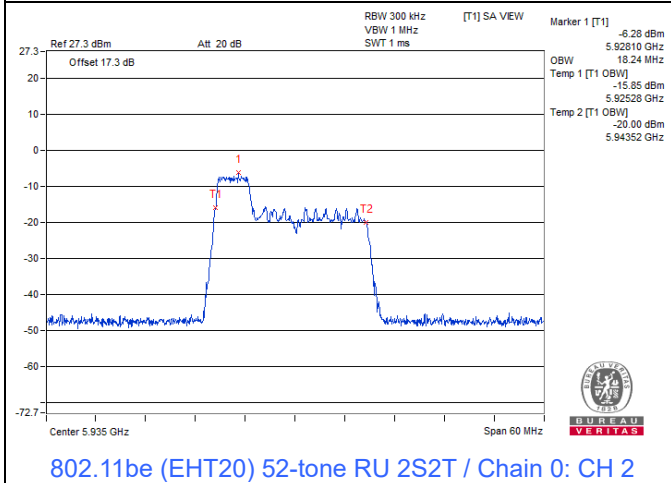
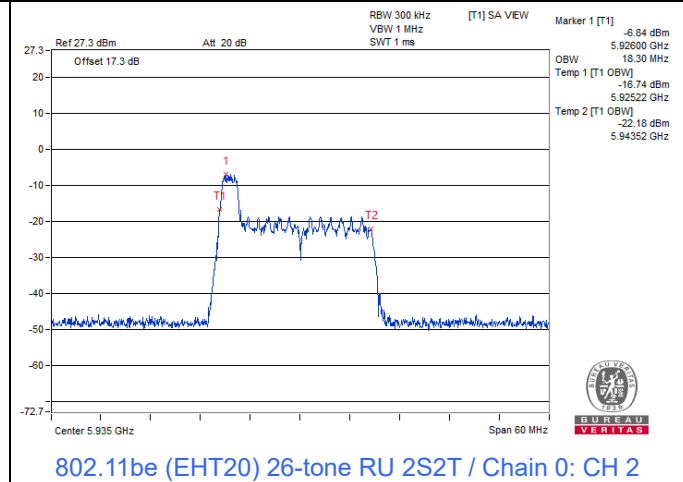
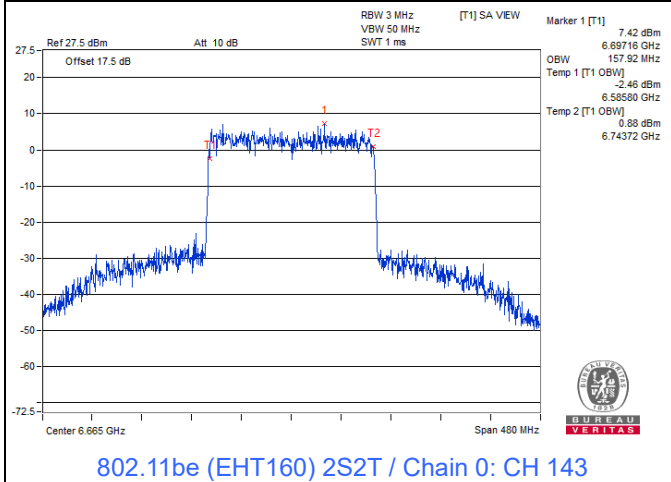
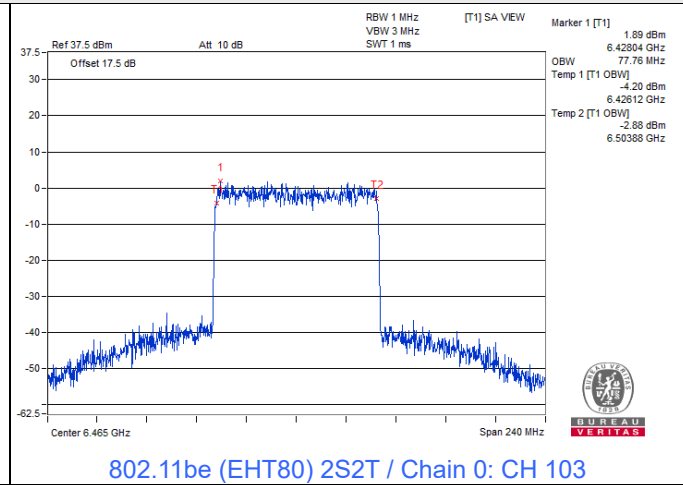
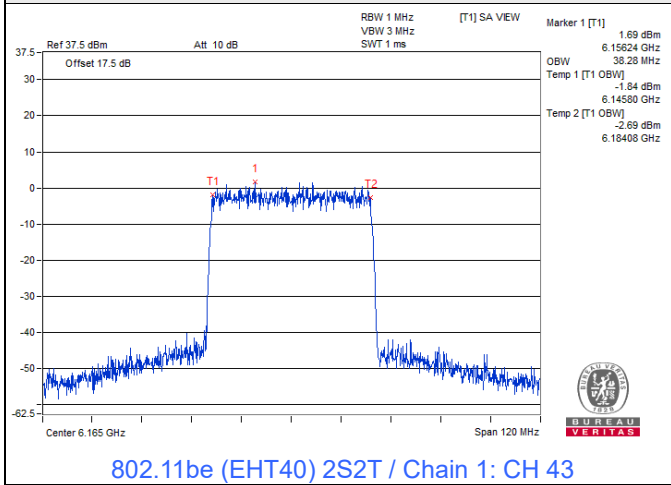
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	117.60	117.12
79	6345	117.12	117.60
111	6505	118.56	118.08
143	6665	118.08	117.60
175	6825	118.56	118.08
207	6985	117.12	117.12

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

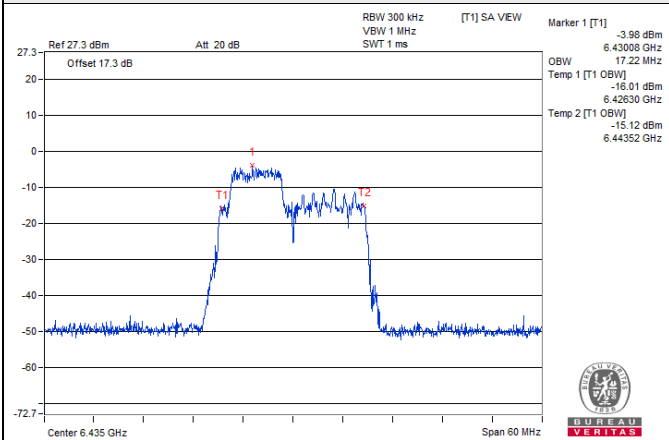
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	137.76	137.76
79	6345	137.28	137.76
111	6505	138.72	138.72
143	6665	138.72	138.72
175	6825	138.24	138.72
207	6985	136.80	136.80



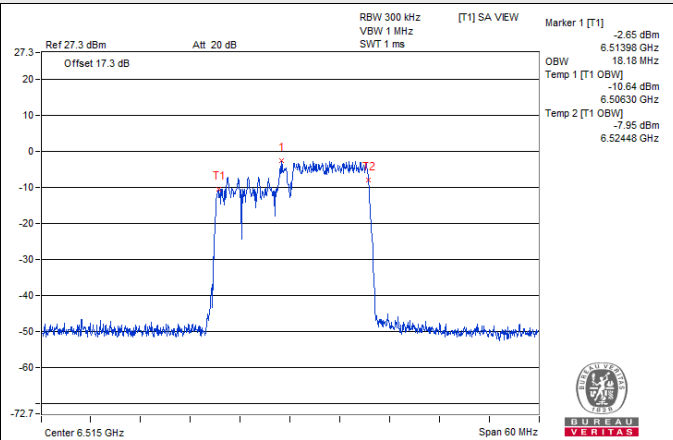
Spectrum Plot of Maximum Value



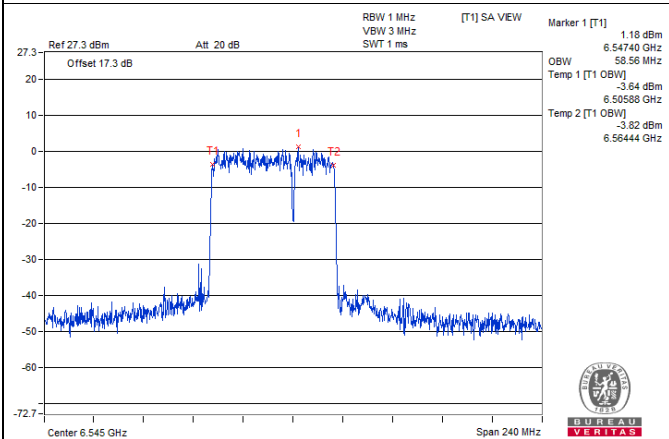
Spectrum Plot of Maximum Value



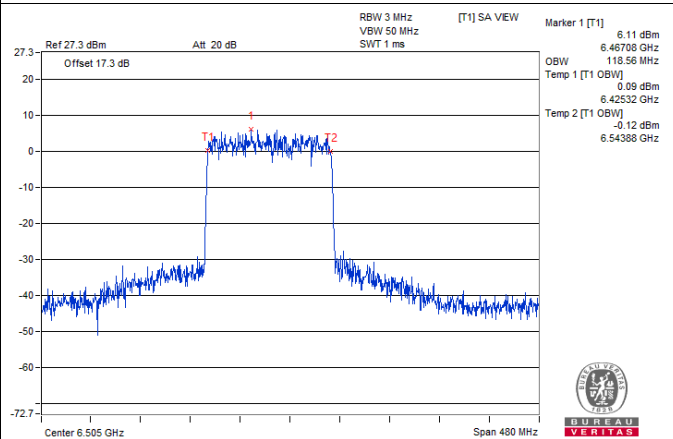
802.11be (EHT20) 52+26-tone MRU 2S2T / Chain 0: CH 97



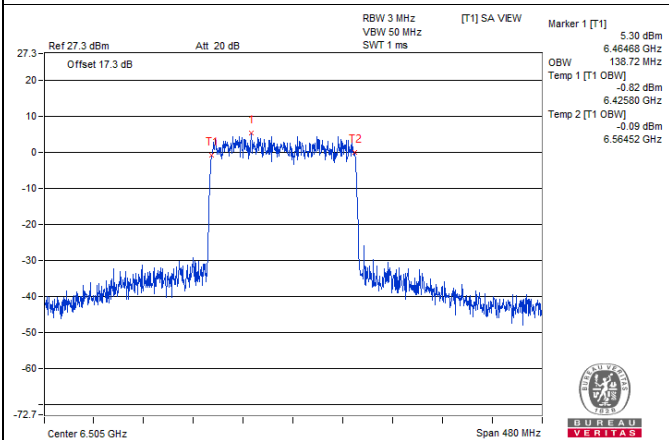
802.11be (EHT20) 106+26-tone MRU 2S2T / Chain 1: CH 113



802.11be (EHT80) 484+242-tone MRU 2S2T / Chain 0: CH 119



802.11be (EHT160) 996+484-tone MRU 2S2T / Chain 0: CH 111



802.11be (EHT160) 996+484+242-tone MRU 2S2T / Chain 0: CH 111

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

1Tx

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	16.5
1	5955	16.5
45	6175	16.8
93	6415	16.8
117	6535	18.06
149	6695	17.22
181	6855	17.04

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	18.78
1	5955	18.9
45	6175	18.96
93	6415	19.08
117	6535	19.5
149	6695	19.26
181	6855	19.14

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
3	5965	37.8
43	6165	38.04
91	6405	38.04
123	6565	38.76
155	6725	38.4
179	6845	38.4

802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
7	5985	76.8
39	6145	77.28
87	6385	78.48
135	6625	77.76
151	6705	77.52
167	6785	78

802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	156.48
47	6185	156.48
79	6345	156.48
143	6665	156.48

802.11be (EHT20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	18.3
1	5955	18
93	6415	17.94
117	6535	18.18
181	6855	18.24

802.11be (EHT20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	18.12
1	5955	18.18
93	6415	18.24
117	6535	18.12
181	6855	18.24

802.11be (EHT20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	18.18
1	5955	18.12
93	6415	18.36
117	6535	18.3
181	6855	18.3

802.11be (EHT20) 52+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	16.98
1	5955	17.1
93	6415	16.62
117	6535	17.1
181	6855	16.74

802.11be (EHT20) 106+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
2	5935	17.94
1	5955	17.64
93	6415	18
117	6535	17.82
181	6855	17.52

802.11be (EHT80) 484+242-tone MRU

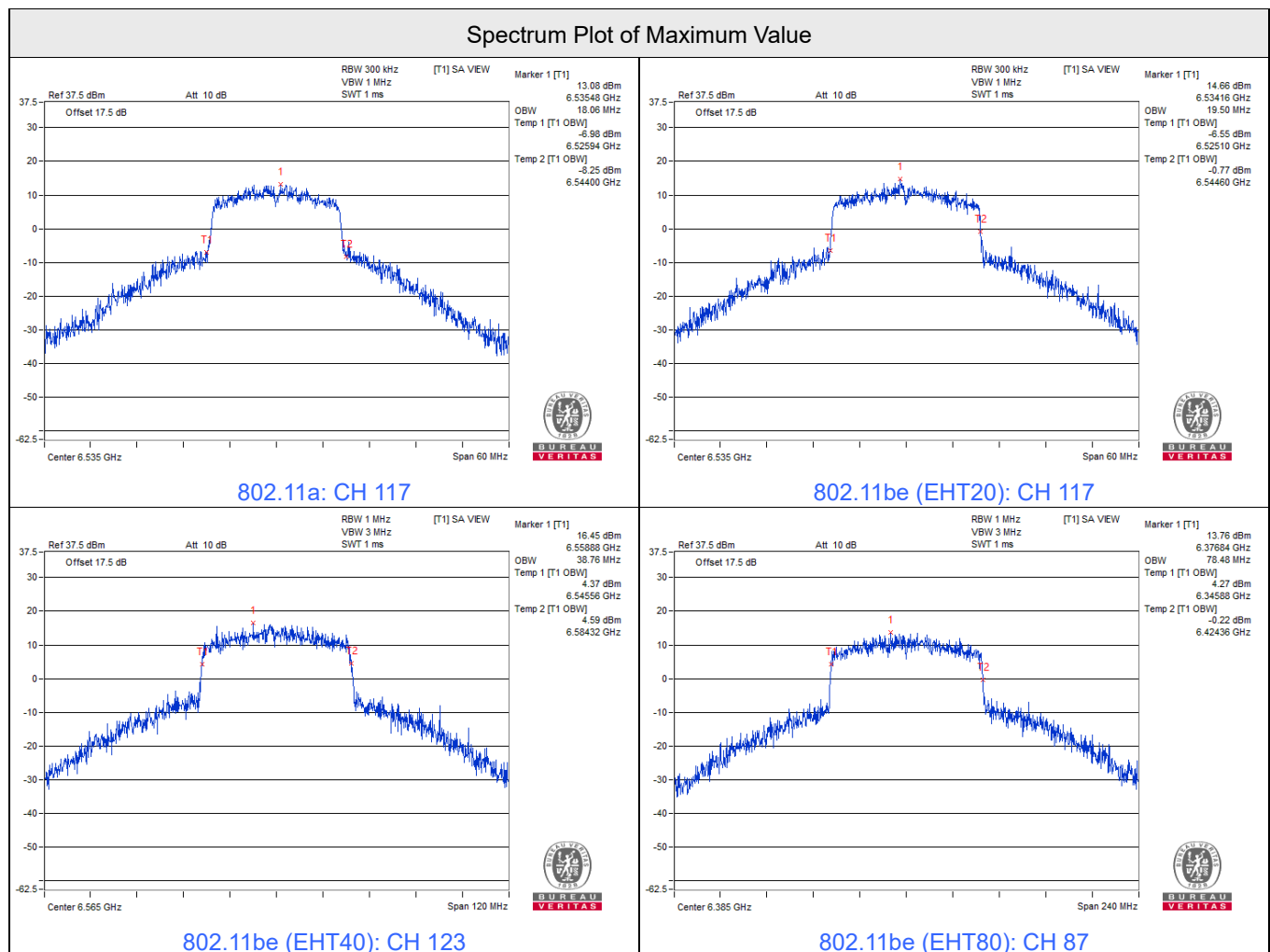
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
7	5985	58.08
87	6385	58.32
135	6625	59.04
167	6785	58.56

802.11be (EHT160) 996+484-tone MRU

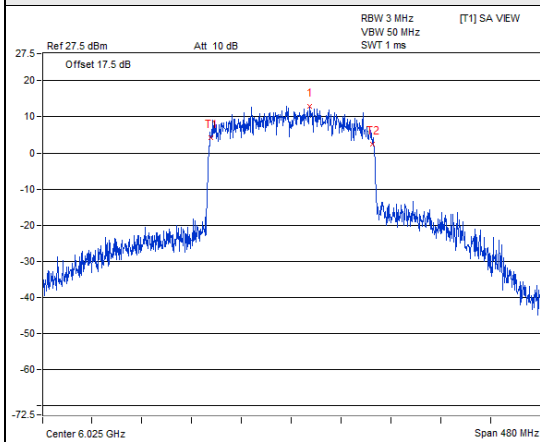
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	117.12
79	6345	118.08
143	6665	119.04

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

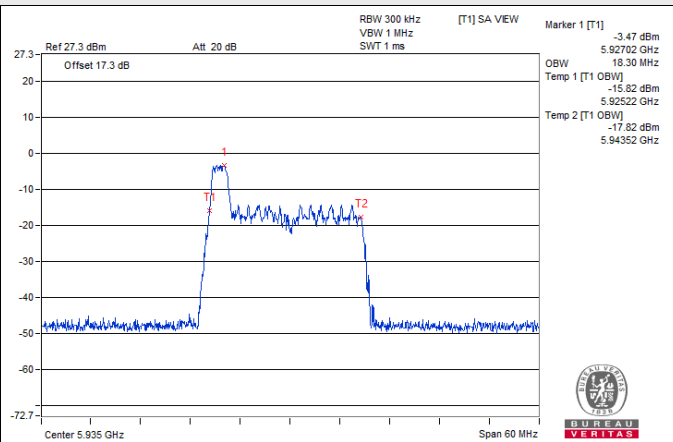
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	136.8
79	6345	137.76
143	6665	139.2



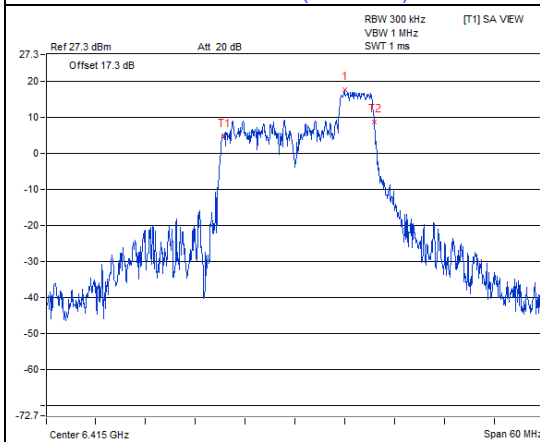
Spectrum Plot of Maximum Value



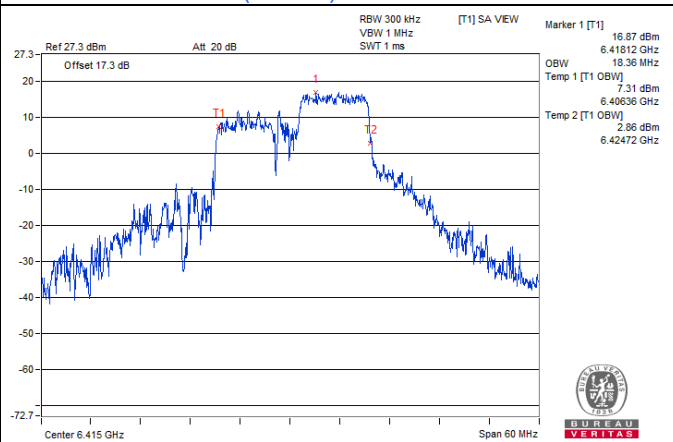
802.11be (EHT160): CH 15



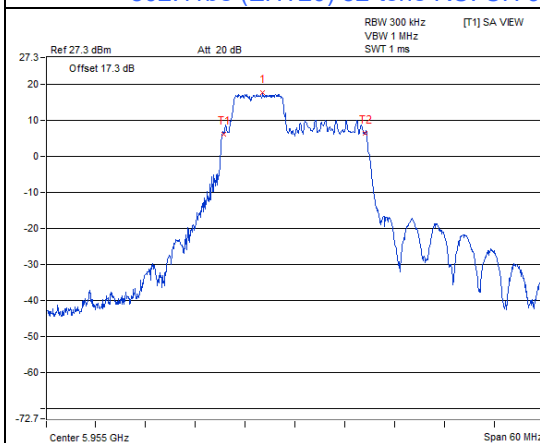
802.11be (EHT20) 26-tone RU: CH 2



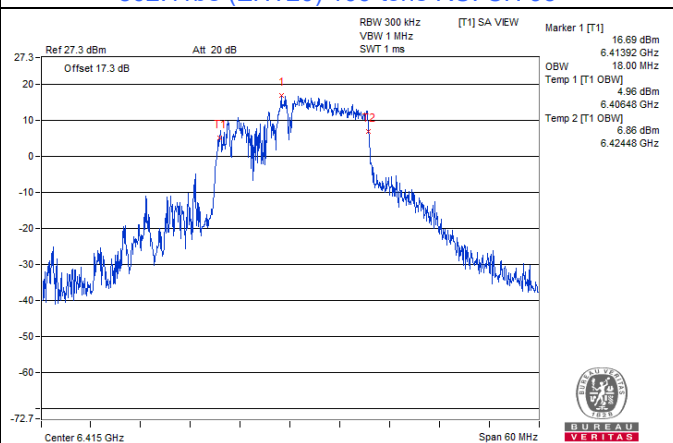
802.11be (EHT20) 52-tone RU: CH 93



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

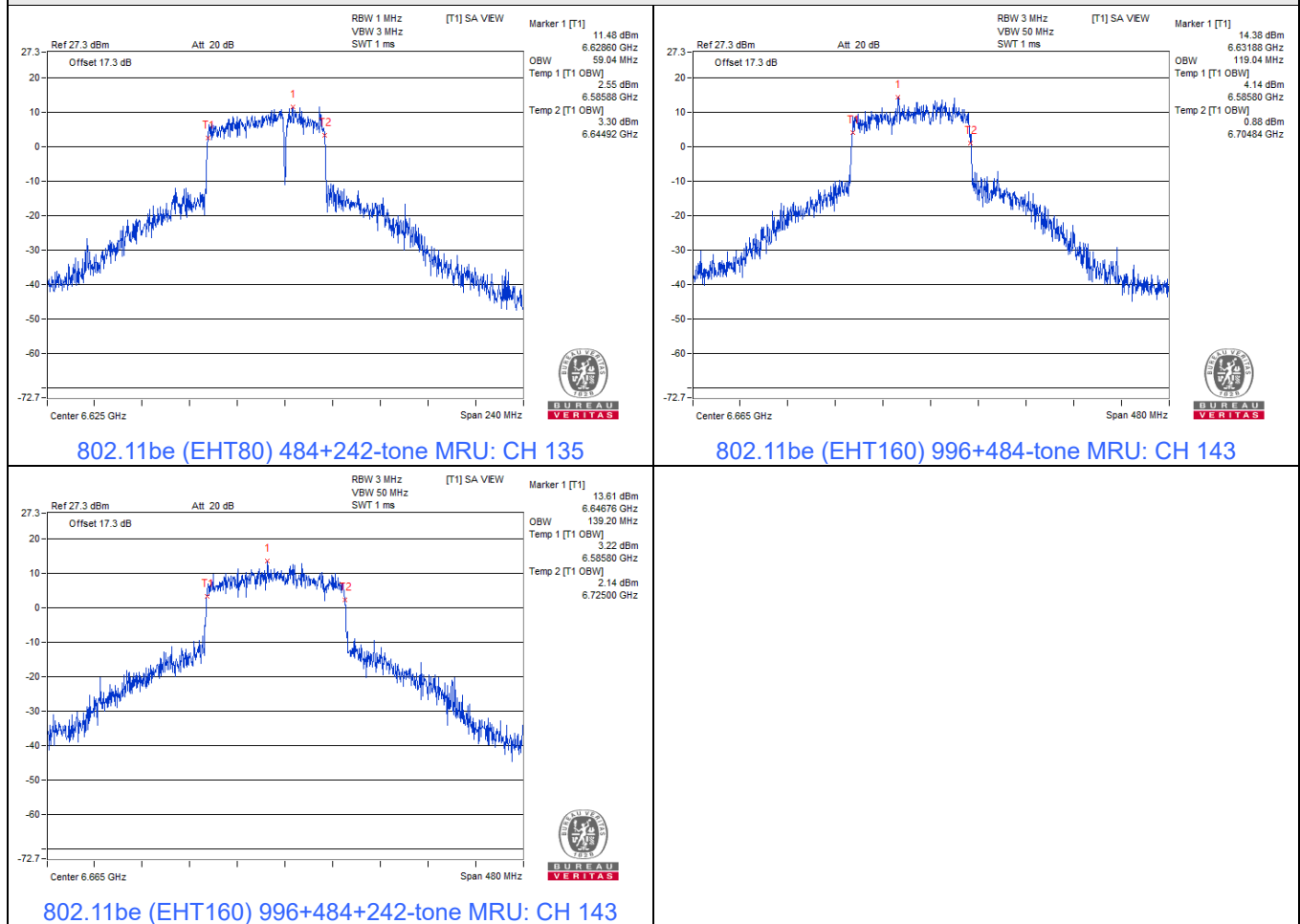


802.11be (EHT20) 52+26-tone MRU: CH 1



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

Spectrum Plot of Maximum Value



Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 58% RH	Tested By:	Henry Hsu
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under control of a Standard Power AP

2Tx

802.11a 1S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	16.44	16.50
1	5955	16.32	16.32
45	6175	16.32	16.32
93	6415	16.32	16.32
117	6535	16.32	16.32
149	6695	16.32	16.38
181	6855	16.44	16.32

802.11be (EHT20) 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	18.90	18.90
1	5955	18.84	18.78
45	6175	18.84	18.90
93	6415	18.90	18.96
117	6535	18.90	18.96
149	6695	18.96	18.96
181	6855	19.02	18.96

802.11be (EHT40) 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
3	5965	37.68	37.68
43	6165	37.92	38.16
91	6405	38.04	38.28
123	6565	38.04	38.16
155	6725	38.16	38.16
179	6845	38.04	38.28

802.11be (EHT80) 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	77.04	77.04
39	6145	77.04	77.04
87	6385	76.80	77.04
135	6625	77.76	77.76
151	6705	77.52	77.52
167	6785	77.76	77.52

802.11be (EHT160) 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	155.52	156.00
47	6185	156.48	156.48
79	6345	156.48	156.48
143	6665	156.96	156.48

802.11be (EHT20) 26-tone RU 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	18.30	18.18
1	5955	18.18	18.24
93	6415	17.94	18.18
117	6535	18.18	18.12
181	6855	18.12	18.18

802.11be (EHT20) 52-tone RU 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	18.24	18.00
1	5955	18.18	18.06
93	6415	18.18	17.58
117	6535	18.18	18.18
181	6855	18.18	18.18

802.11be (EHT20) 106-tone RU 2S2T

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	18.18	18.12
1	5955	18.12	18.18
93	6415	18.18	18.12
117	6535	18.30	18.24
181	6855	18.30	18.30

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

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	17.04	17.10
1	5955	17.16	17.10
93	6415	17.04	17.04
117	6535	17.22	17.10
181	6855	17.28	17.16

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

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
2	5935	17.70	17.76
1	5955	17.70	17.70
93	6415	17.88	17.82
117	6535	17.76	17.76
181	6855	17.82	17.88

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

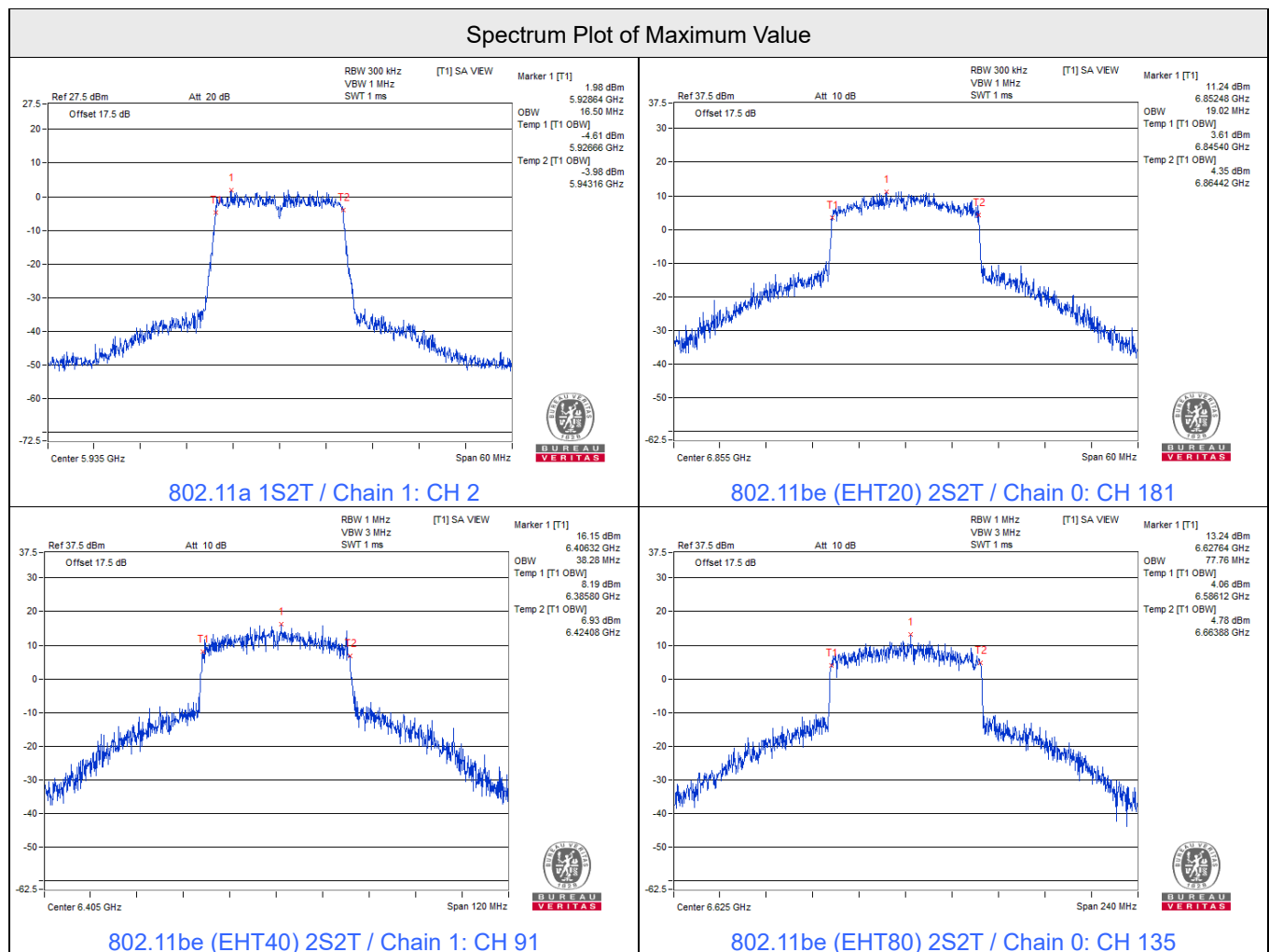
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	58.08	58.08
87	6385	58.32	58.56
135	6625	58.80	58.80
167	6785	59.04	58.80

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

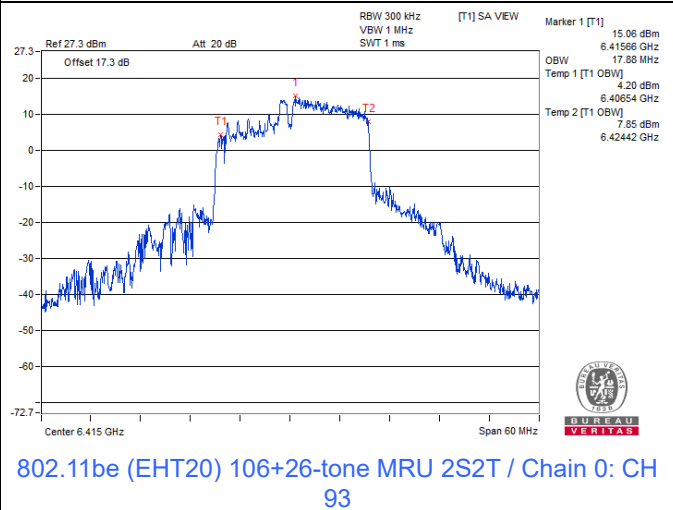
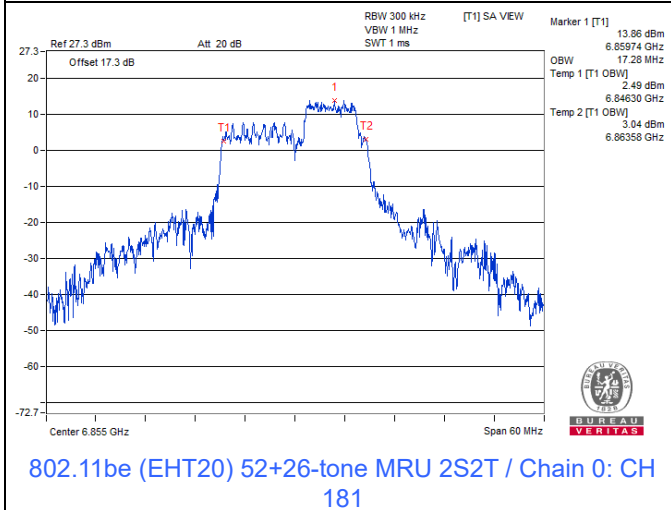
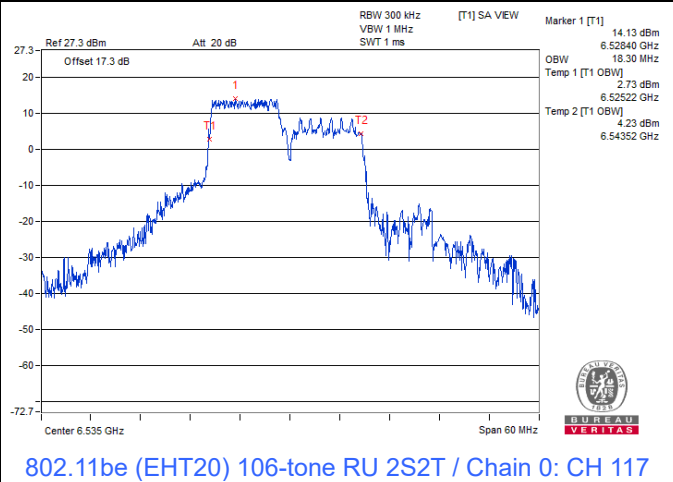
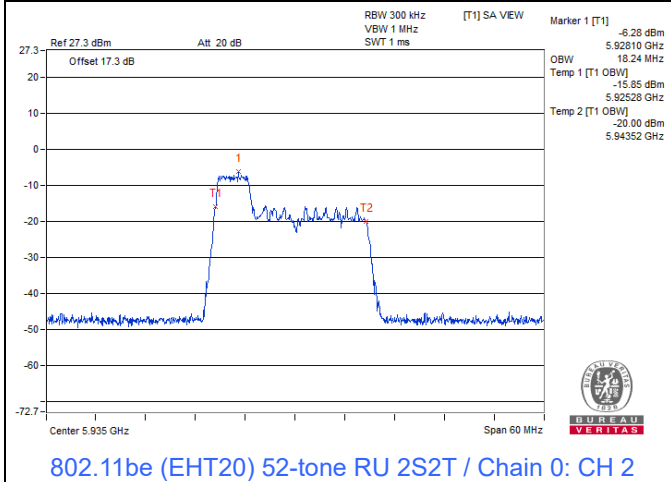
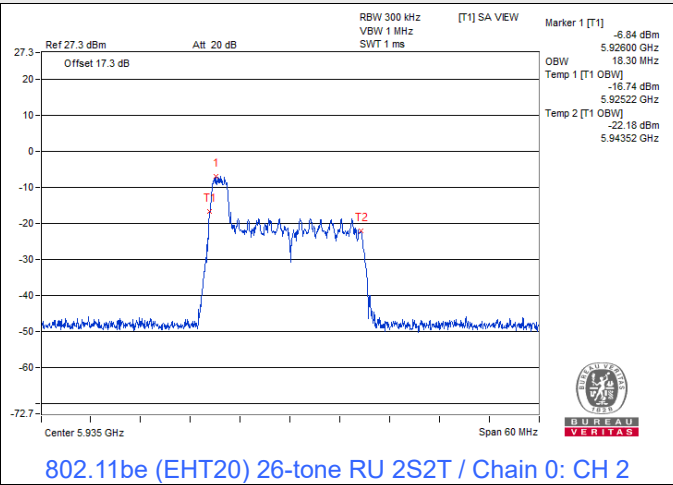
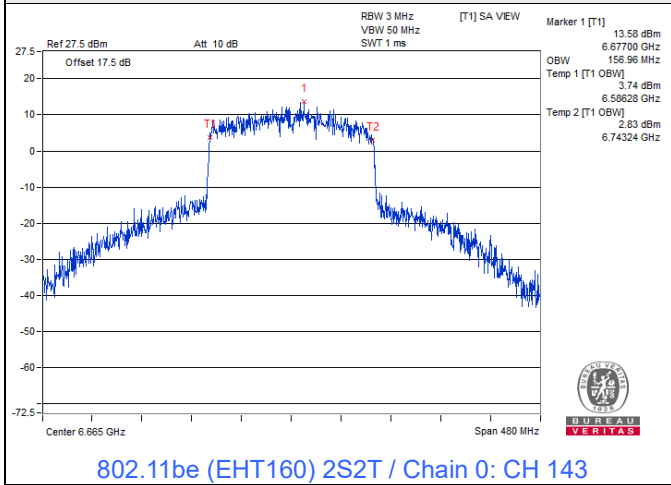
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	118.08	117.60
79	6345	118.08	118.08
143	6665	120.00	118.56

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

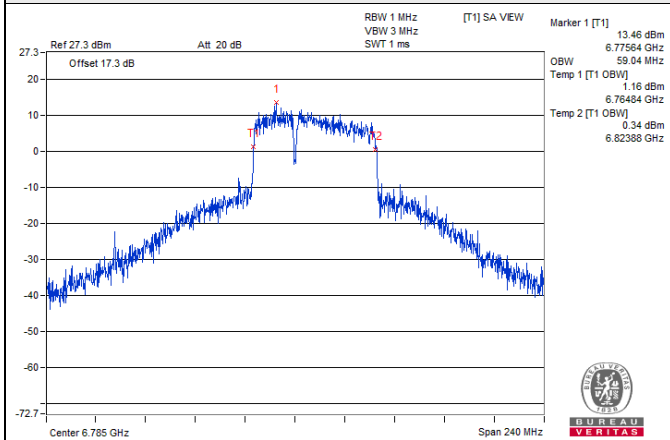
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	137.28	137.28
79	6345	138.24	137.28
143	6665	139.20	138.72



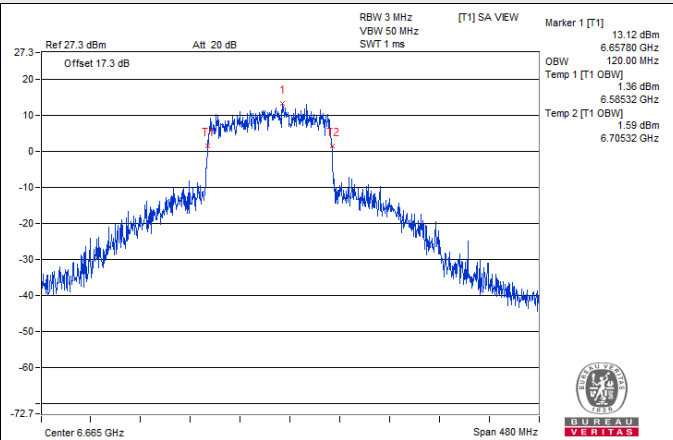
Spectrum Plot of Maximum Value



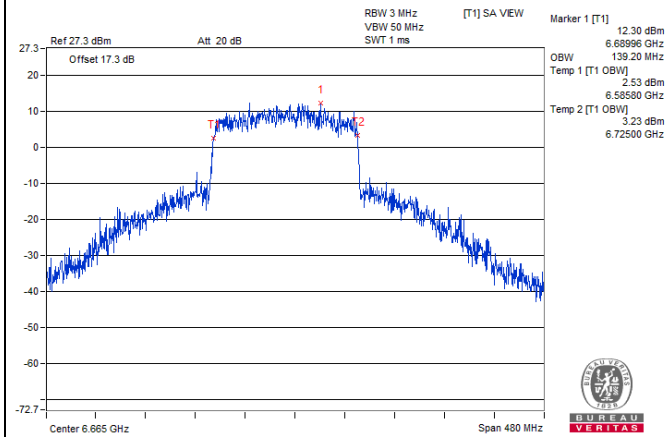
Spectrum Plot of Maximum Value



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



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



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

7.6 Contention-based Protocol

Input Power:	3.3 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Gary Cheng
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Companion Device Information			
Product	Brand	Model No.	Software/Firmware Version
802.11be AP Router	ASUS	BT8	3.0.0.6.102_55168

For U-NII-5

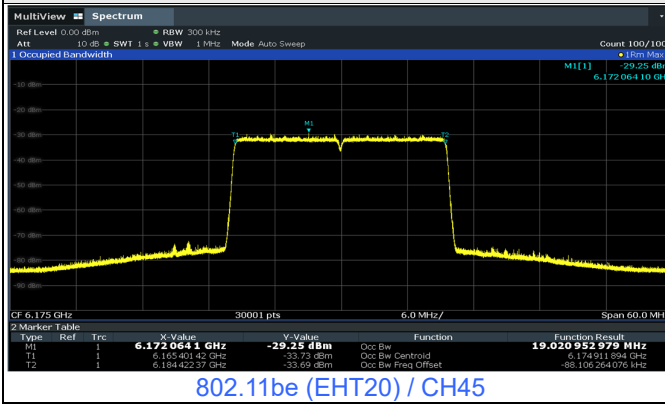
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11be	20	45	6175	6175	-82.17	-20	0	-62.17	-62	OFF
					-82.67	-20	0	-62.67	-62	Minimal
					-102	-20	0	-82	-62	ON
	160	47	6185	6110	-82.16	-20	0	-62.16	-62	OFF
					-82.66	-20	0	-62.66	-62	Minimal
					-102	-20	0	-82	-62	ON
				6185	-82.22	-20	0	-62.22	-62	OFF
					-82.72	-20	0	-62.72	-62	Minimal
					-102	-20	0	-82	-62	ON
				6260	-82.29	-20	0	-62.29	-62	OFF
					-82.79	-20	0	-62.79	-62	Minimal
					-102	-20	0	-82	-62	ON

Notes:

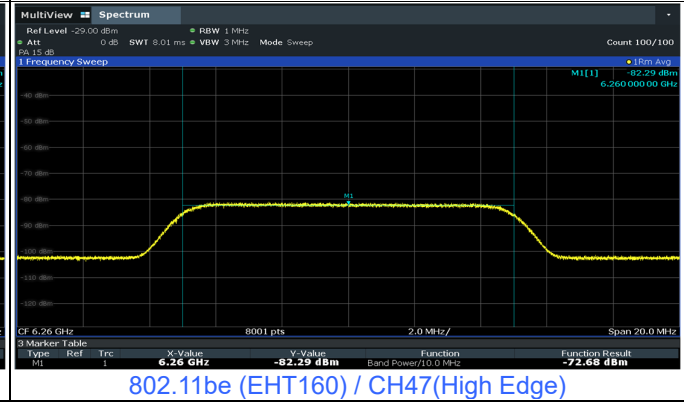
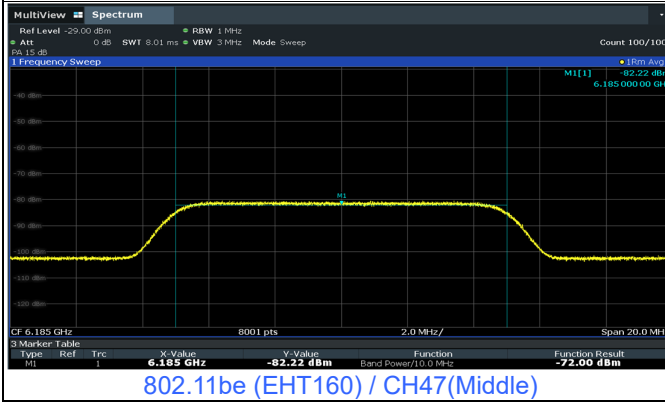
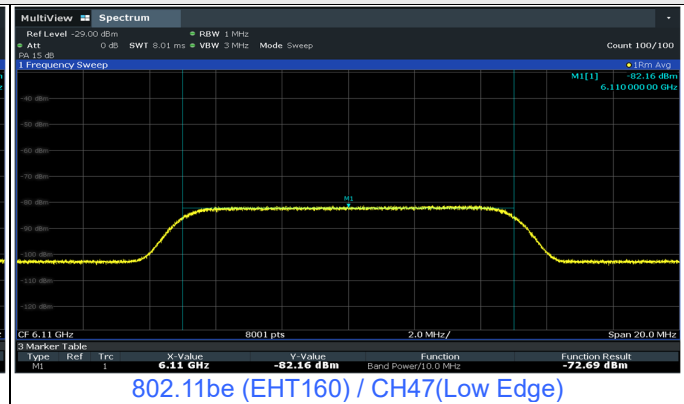
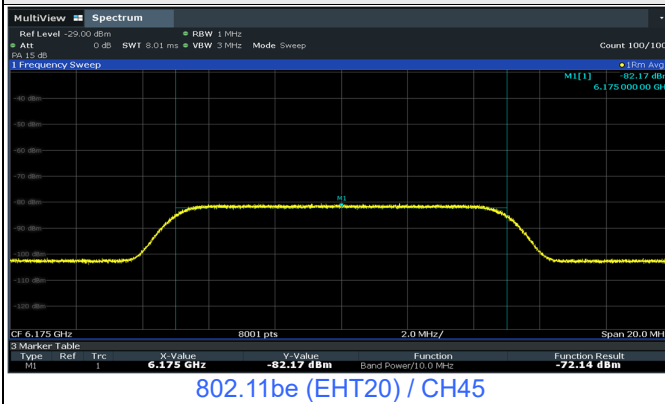
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 0) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.
4. This device does not use the channel puncturing and bandwidth reduction mechanisms for incumbent avoidance, but instead switches to other channels to perform its function.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11be	20	6175	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6110	v	v	v	v	v	v	v	x	v	v	90%	90%	Pass
		6185	v	v	v	v	x	v	v	v	v	v	90%	90%	Pass
		6260	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

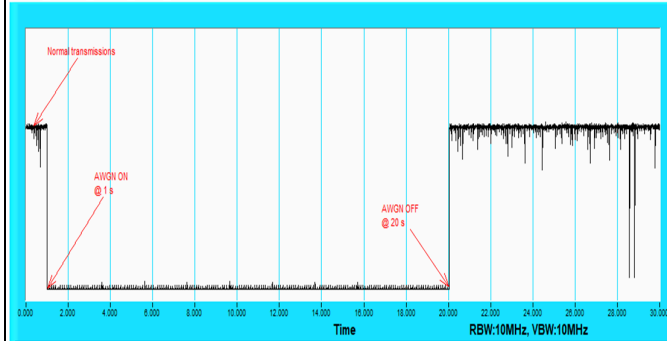


Plots of Injected signal (AWGN) level



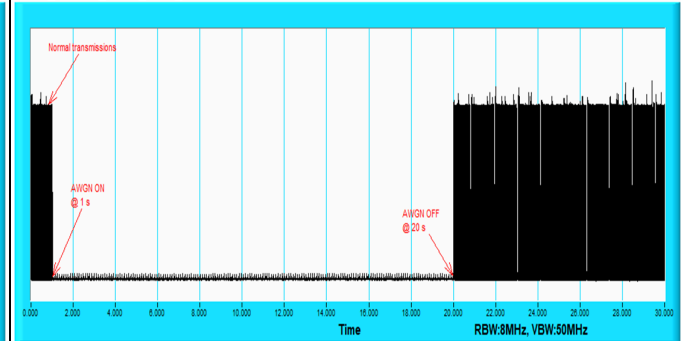
Plots of EUT ceased transmission in the time domain

UNI5_BW20_CH45_6175_TRS



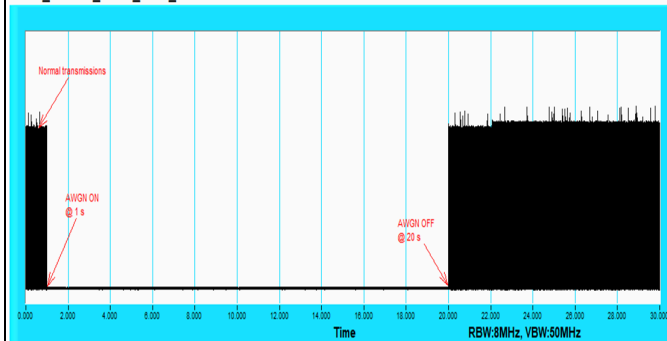
802.11be (EHT20) / CH45

UNI5_BW160_CH47_6110_TRS



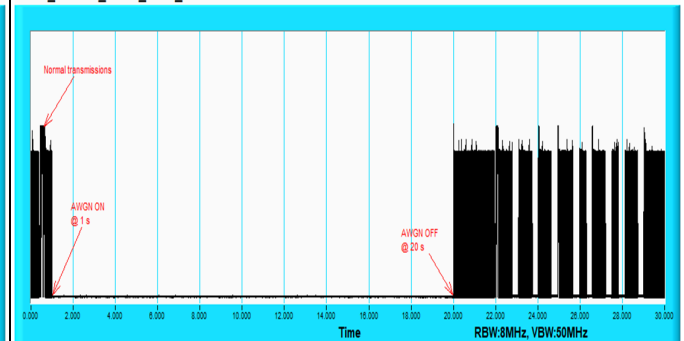
802.11be (EHT160) / CH47(Low Edge)

UNI5_BW160_CH47_6185_TRS



802.11be (EHT160) / CH47(Middle)

UNI5_BW160_CH47_6260_TRS



802.11be (EHT160) / CH47(High Edge)

For U-NII-6

Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11be	20	105	6475	6475	-82.15	-20	0	-62.15	-62	OFF
					-82.65	-20	0	-62.65	-62	Minimal
					-102	-20	0	-82	-62	ON
	160	111	6505	6430	-82.16	-20	0	-62.16	-62	OFF
					-82.66	-20	0	-62.66	-62	Minimal
					-102	-20	0	-82	-62	ON
				6505	-82.17	-20	0	-62.17	-62	OFF
					-82.67	-20	0	-62.67	-62	Minimal
					-102	-20	0	-82	-62	ON
				6580	-82.2	-20	0	-62.2	-62	OFF
					-82.7	-20	0	-62.7	-62	Minimal
					-102	-20	0	-82	-62	ON

Notes:

1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 0) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.
4. This device does not use the channel puncturing and bandwidth reduction mechanisms for incumbent avoidance, but instead switches to other channels to perform its function.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11be	20	6475	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6430	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6505	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6580	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass