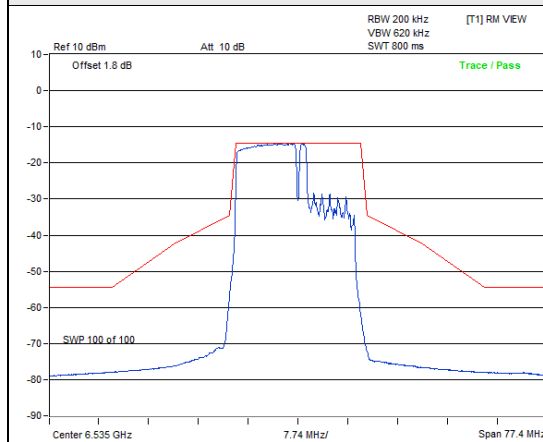


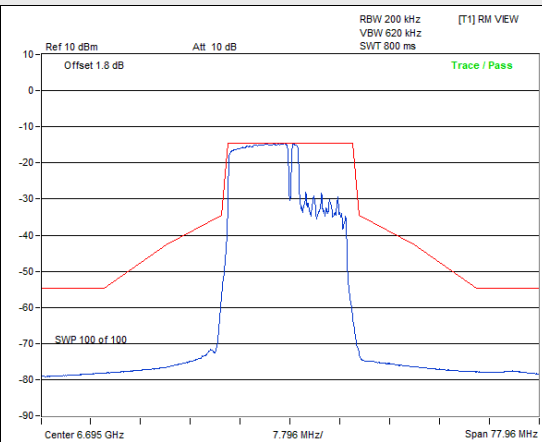
802.11be (EHT20) 106+26-tone MRU



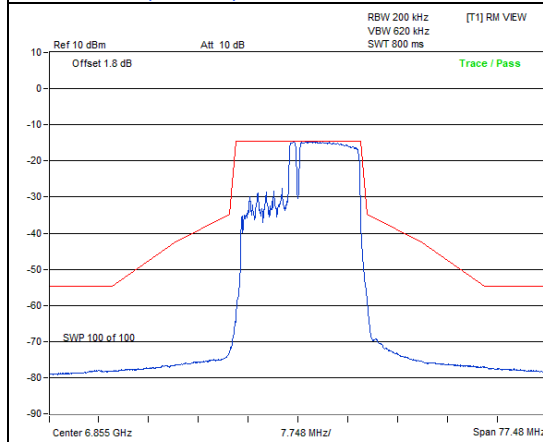
Spectrum Plot



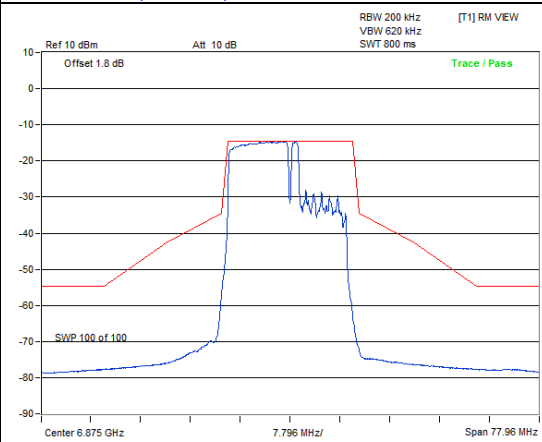
802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 117



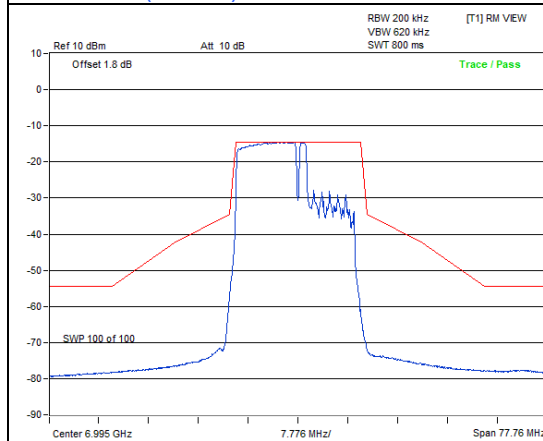
802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 149



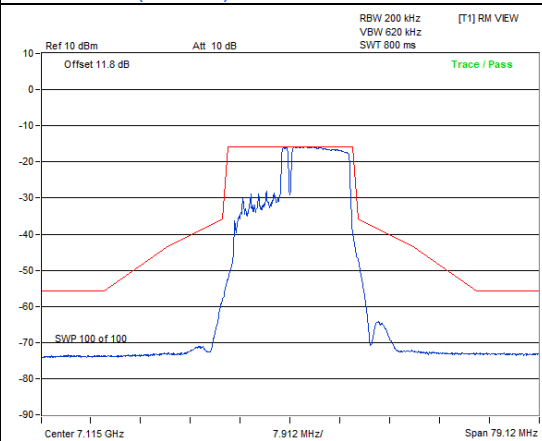
802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 181



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

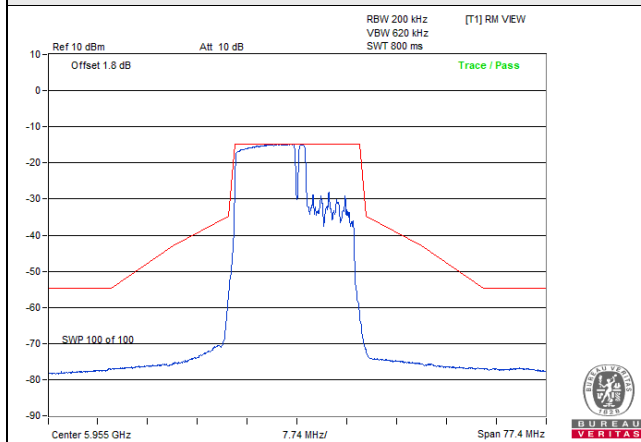


802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 209

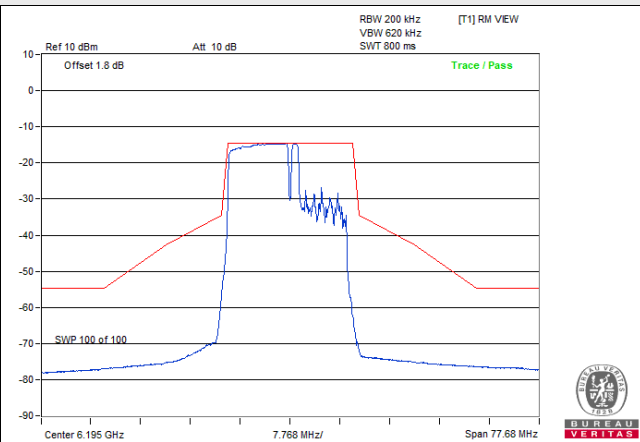


802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 233

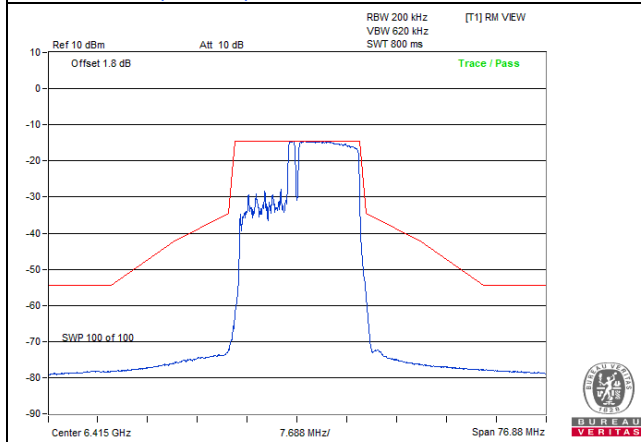
Spectrum Plot



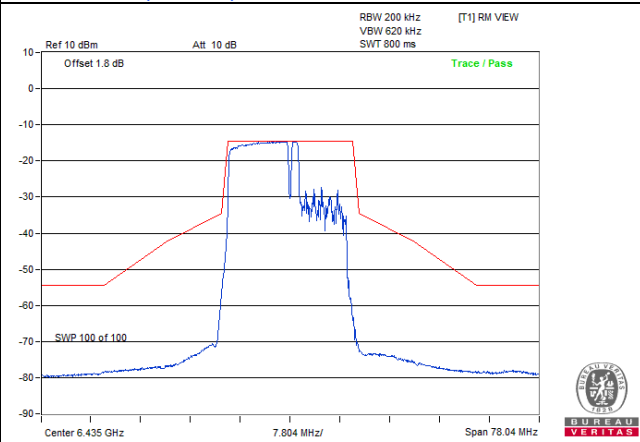
802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 1



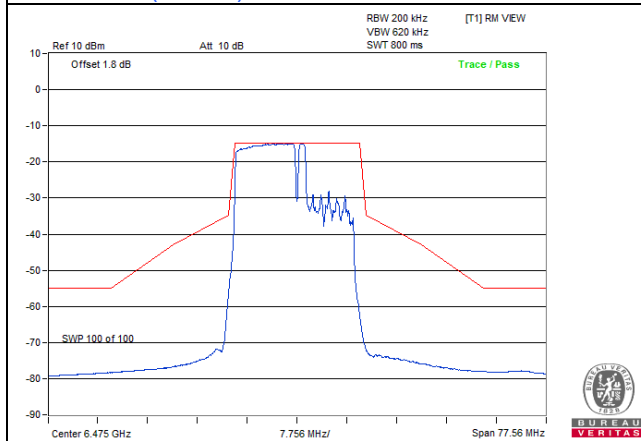
802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 49



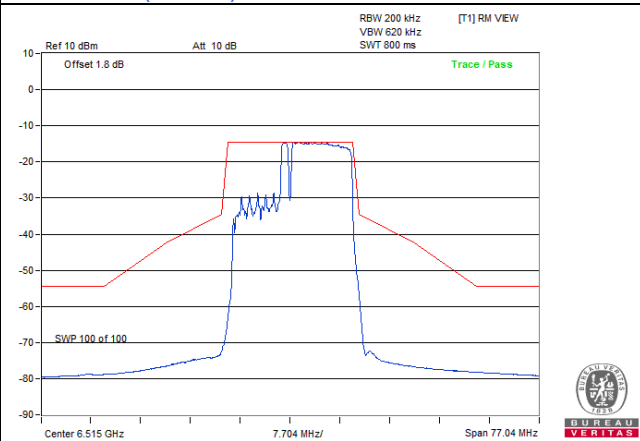
802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 93



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

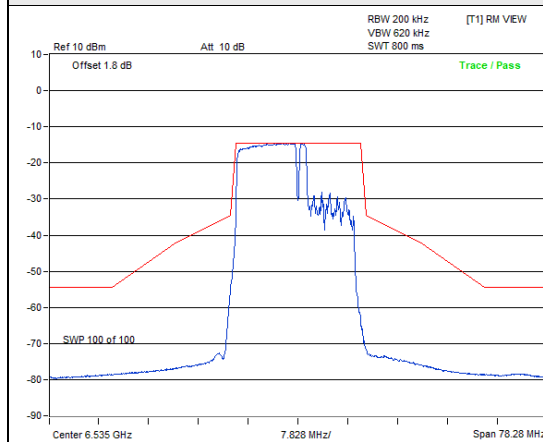


802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 105

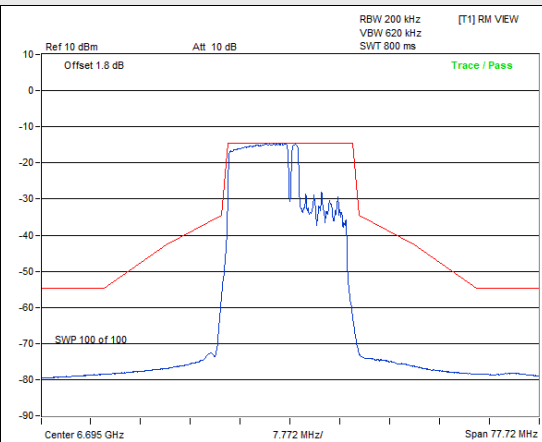


802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 113

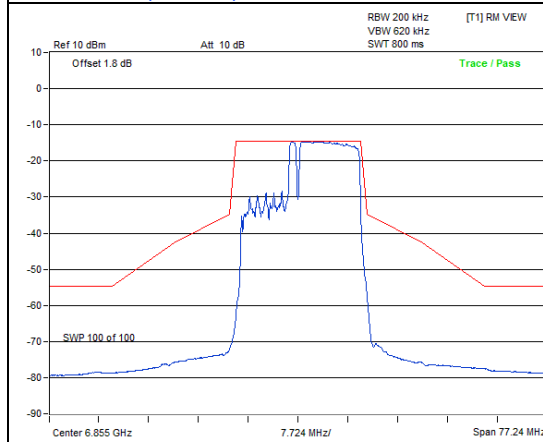
Spectrum Plot



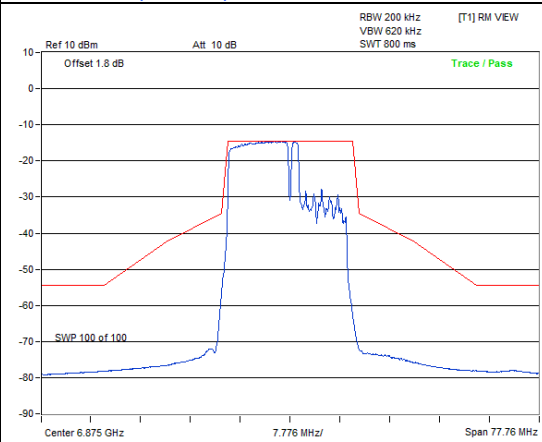
802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 117



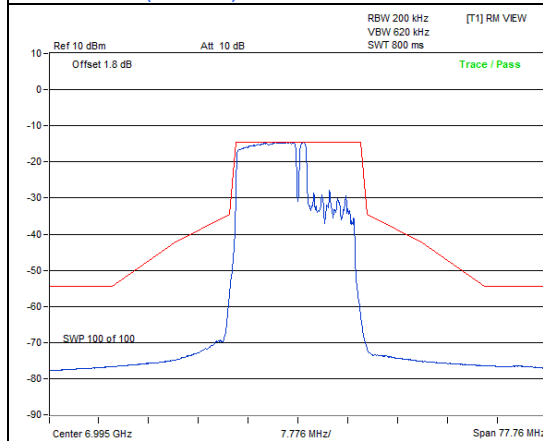
802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 149



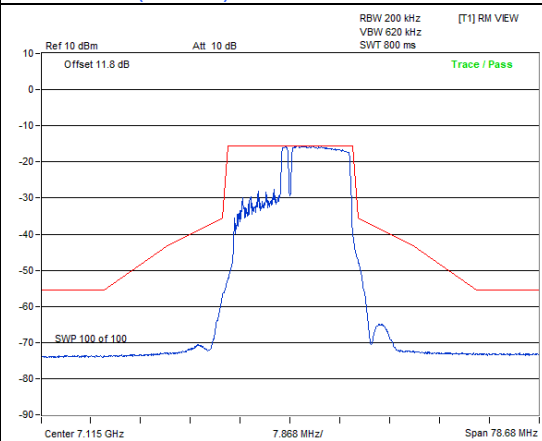
802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 181



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

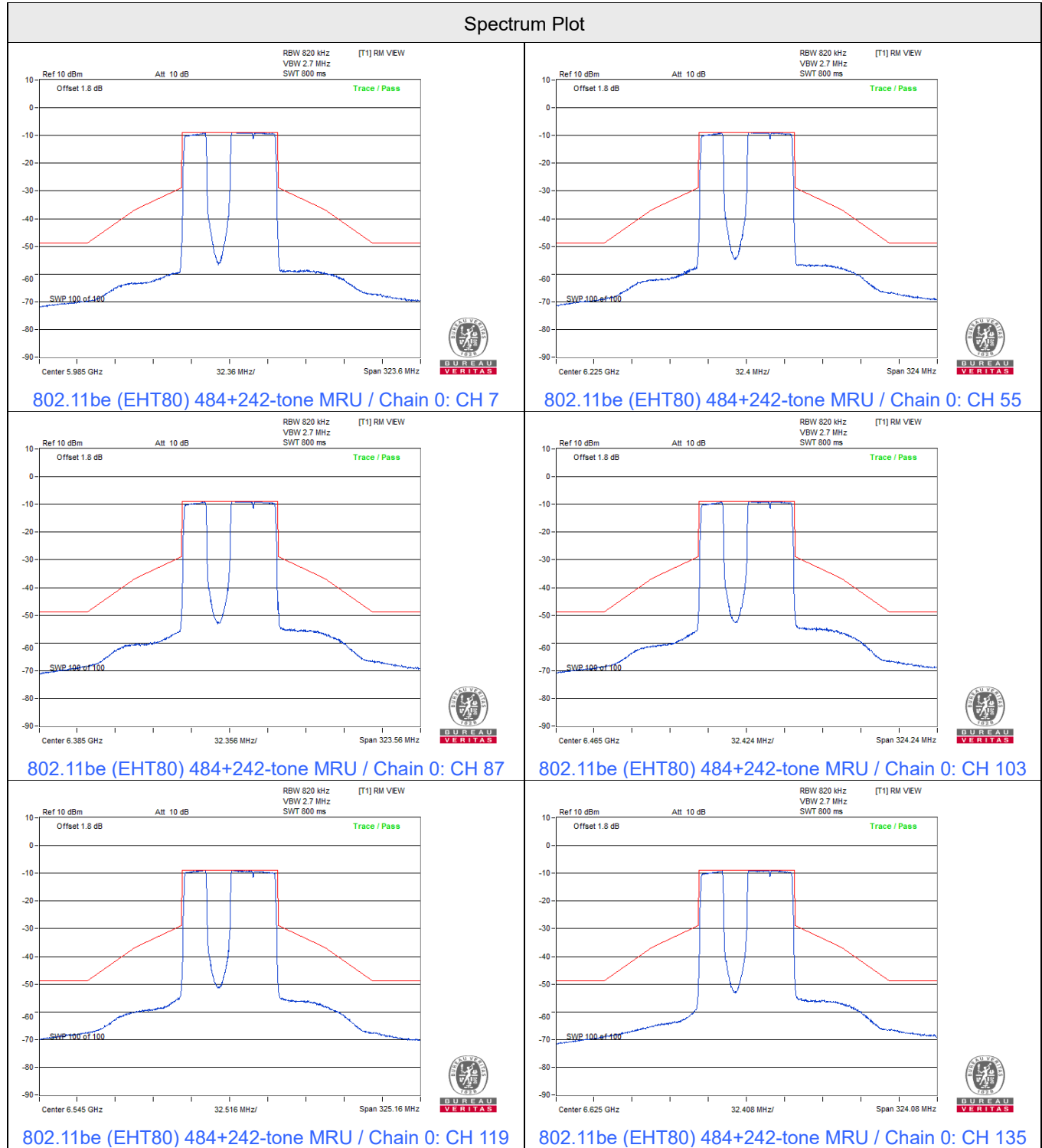


802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 209

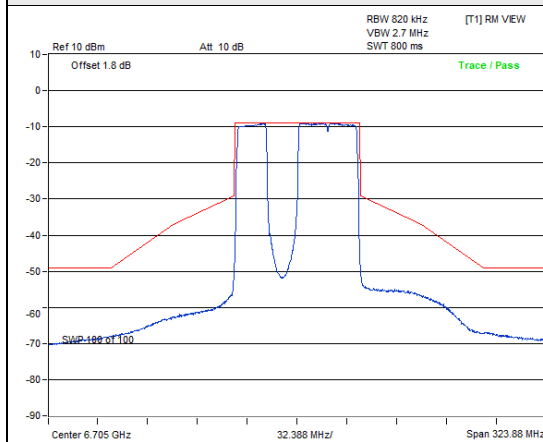


802.11be (EHT20) 106+26-tone MRU / Chain 1: CH 233

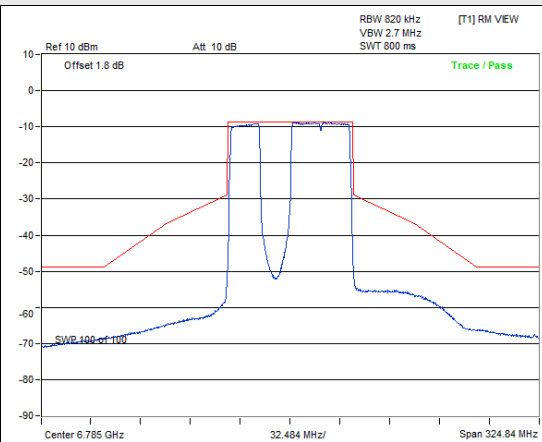
802.11be (EHT80) 484+242-tone MRU



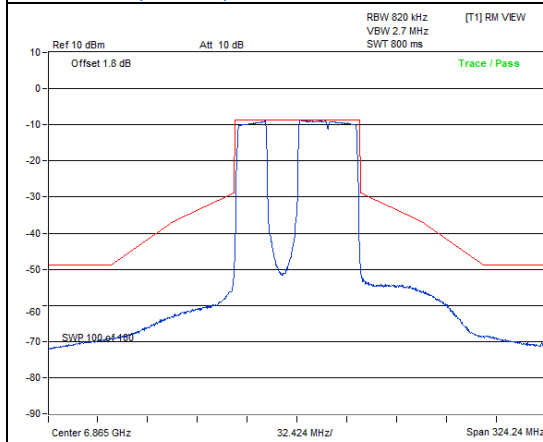
Spectrum Plot



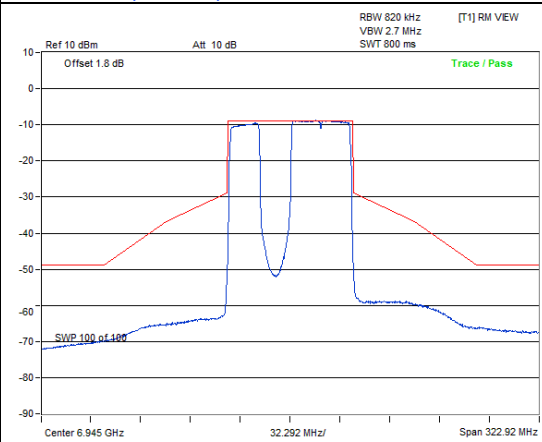
802.11be (EHT80) 484+242-tone MRU / Chain 0: CH 151



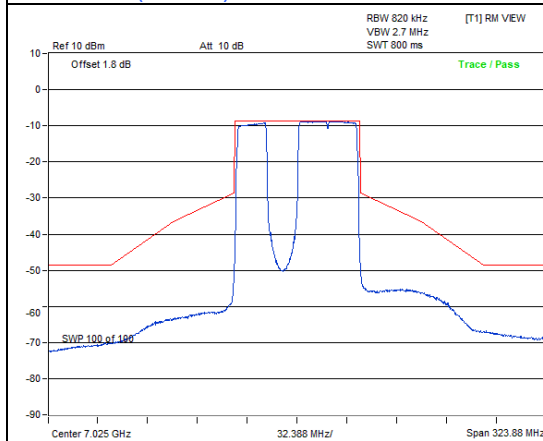
802.11be (EHT80) 484+242-tone MRU / Chain 0: CH 167



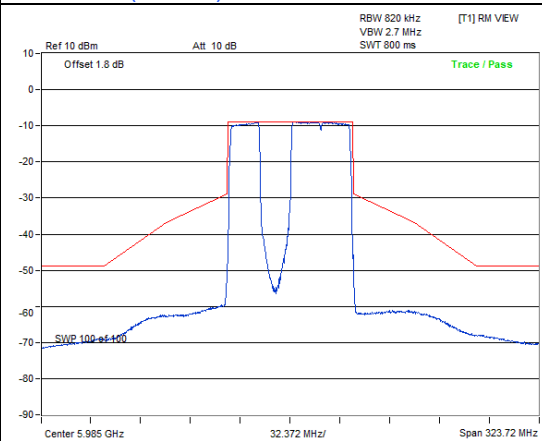
802.11be (EHT80) 484+242-tone MRU / Chain 0: CH 183



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

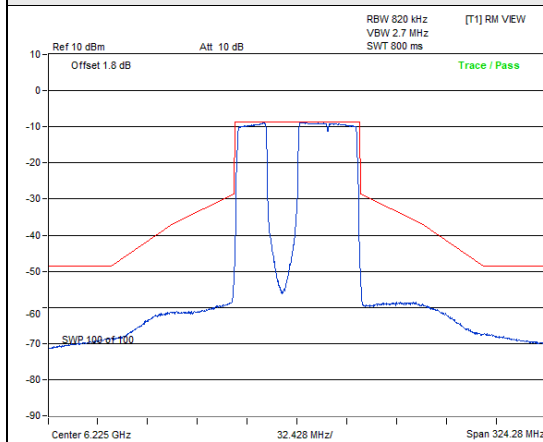


802.11be (EHT80) 484+242-tone MRU / Chain 0: CH 215

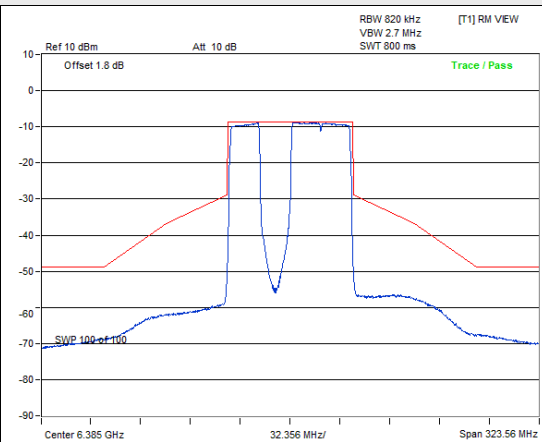


802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 7

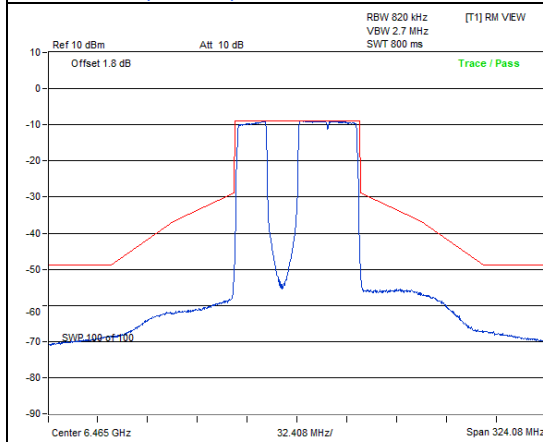
Spectrum Plot



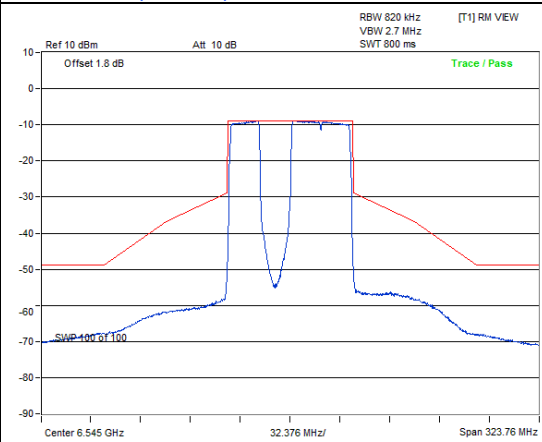
802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 55



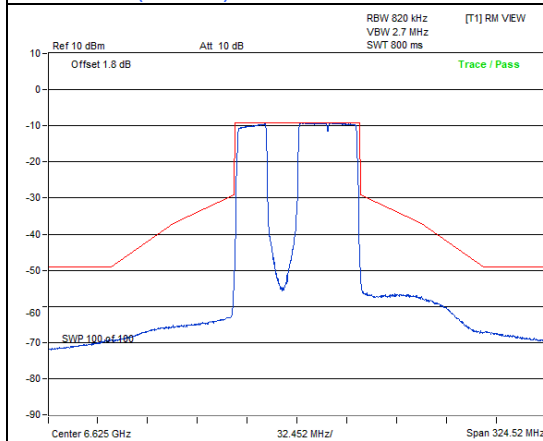
802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 87



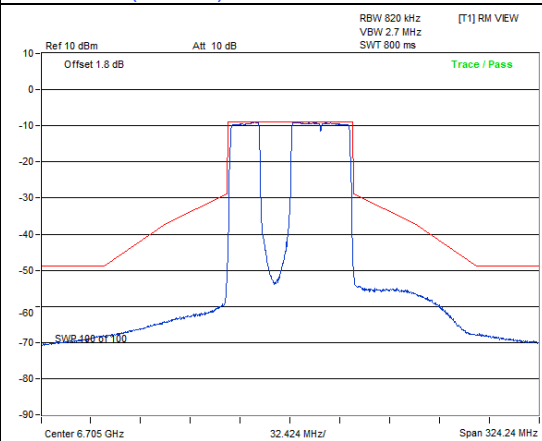
802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 103



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

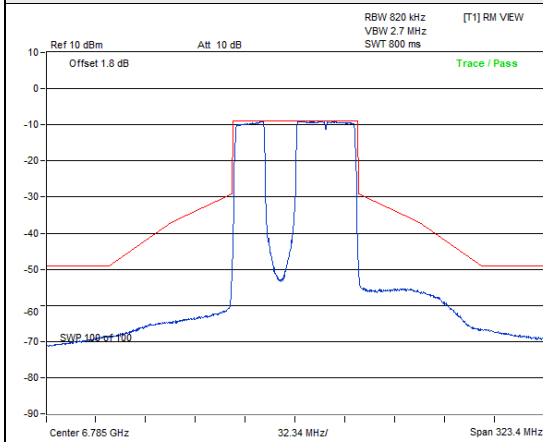


802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 135

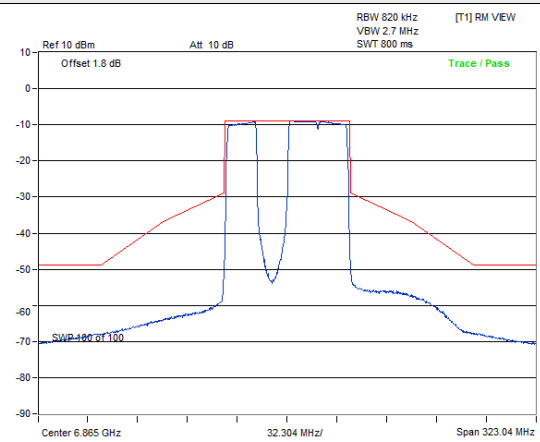


802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 151

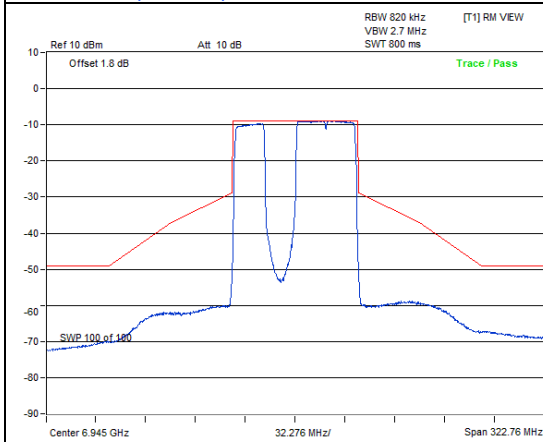
Spectrum Plot



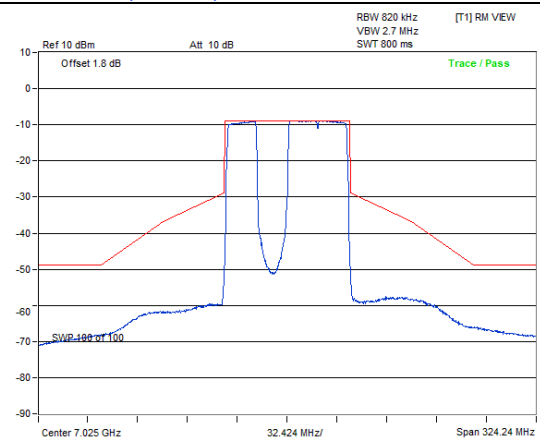
802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 167



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

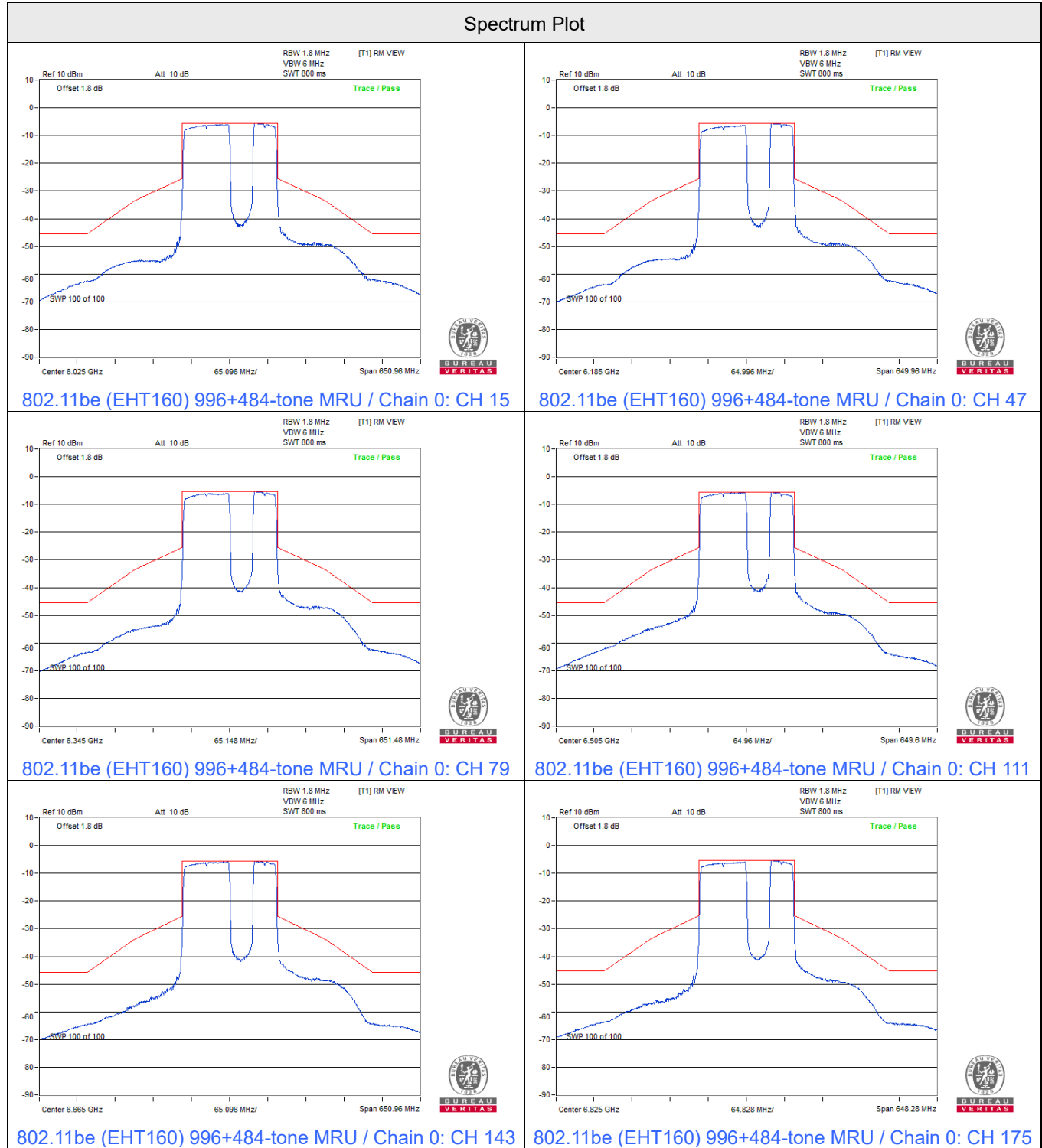


802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 199

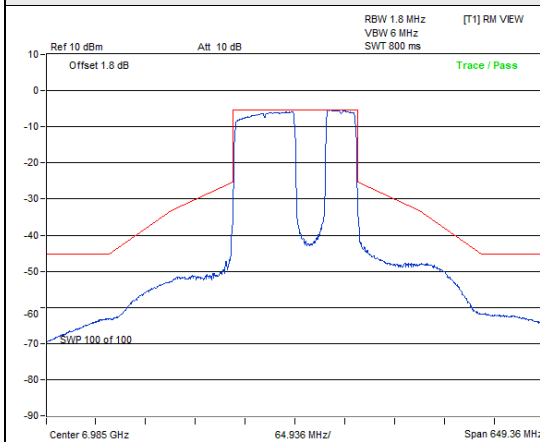


802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 215

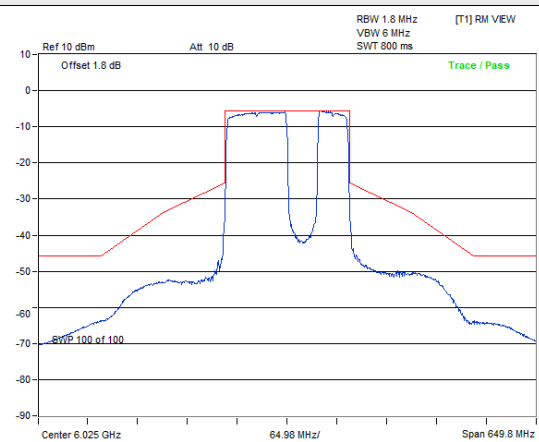
802.11be (EHT160) 996+484-tone MRU



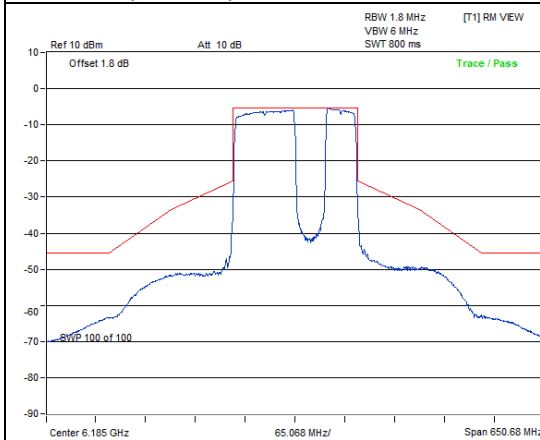
Spectrum Plot



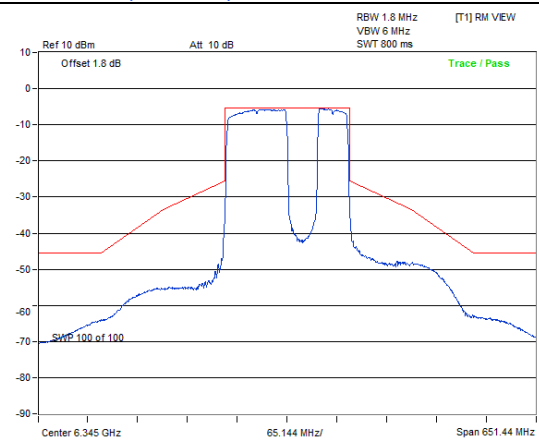
802.11be (EHT160) 996+484-tone MRU / Chain 0: CH 207



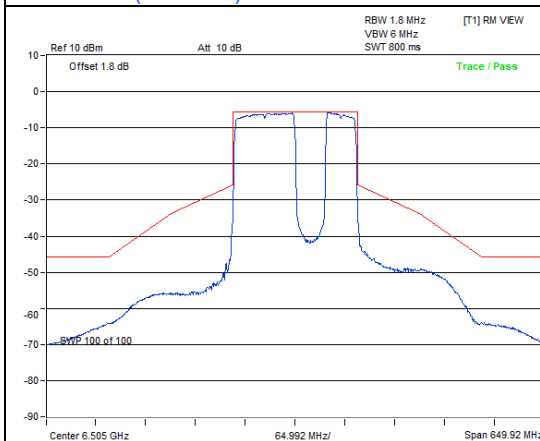
802.11be (EHT160) 996+484-tone MRU / Chain 1: CH 15



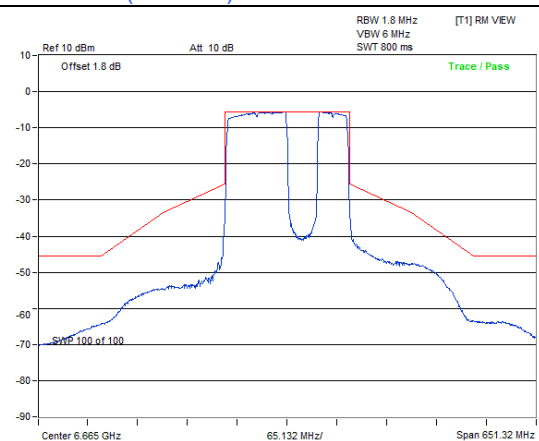
802.11be (EHT160) 996+484-tone MRU / Chain 1: CH 47



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

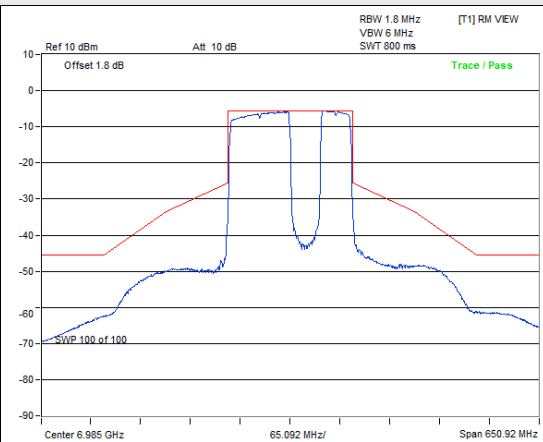
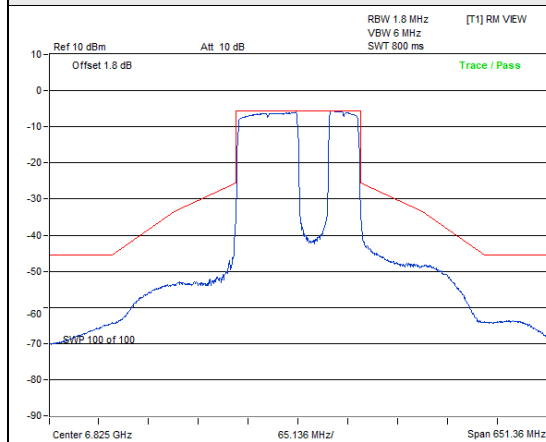


802.11be (EHT160) 996+484-tone MRU / Chain 1: CH 111



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

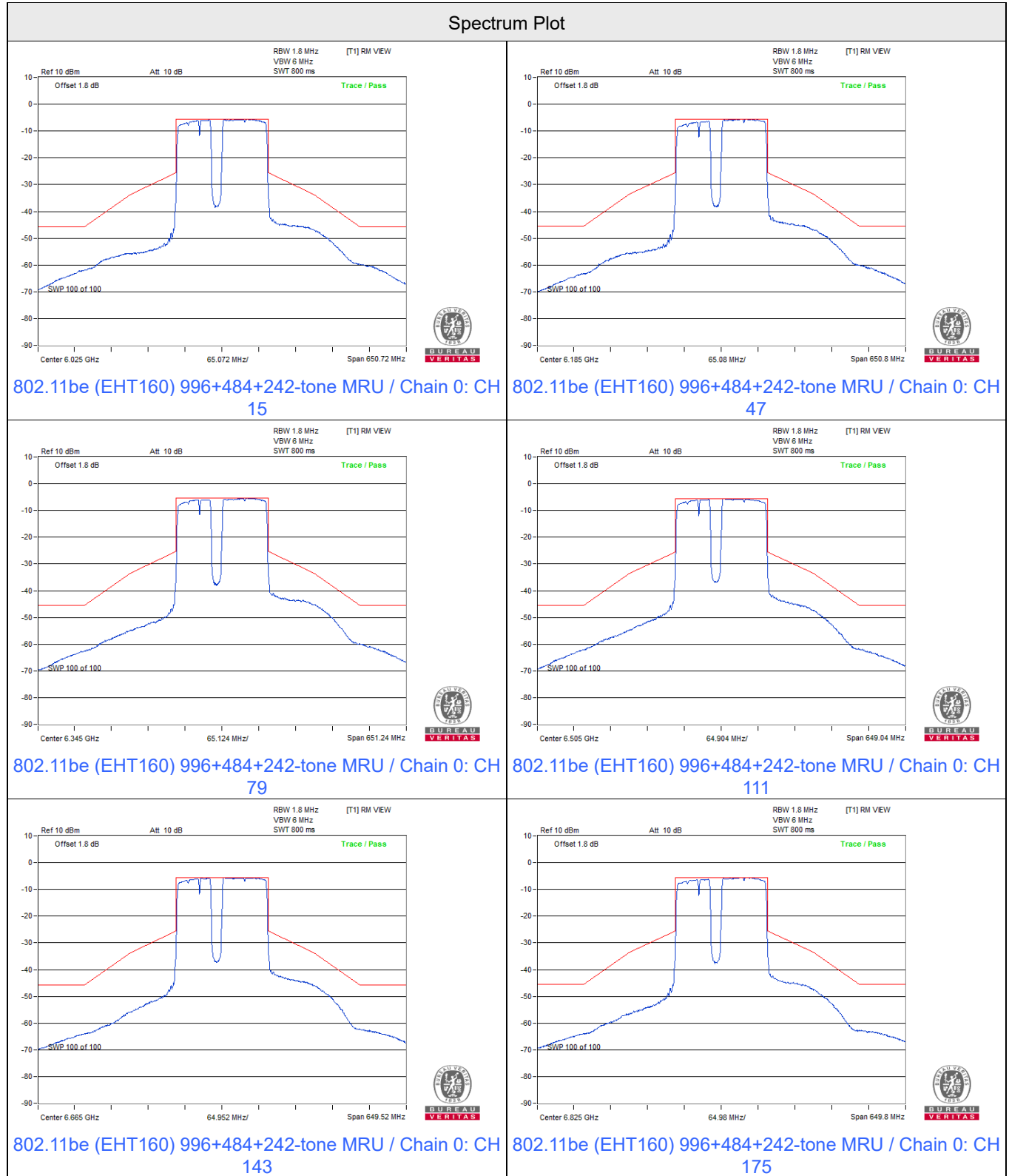
Spectrum Plot



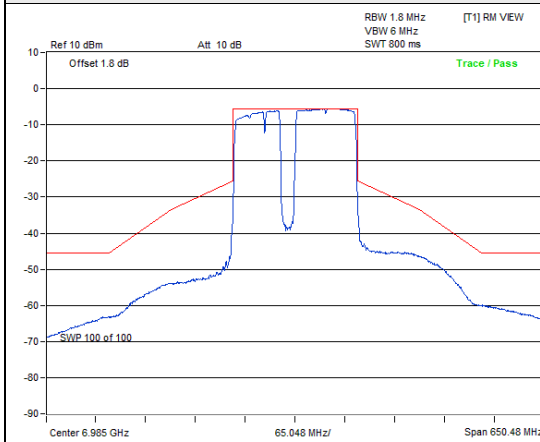
802.11be (EHT160) 996+484-tone MRU / Chain 1: CH 175

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

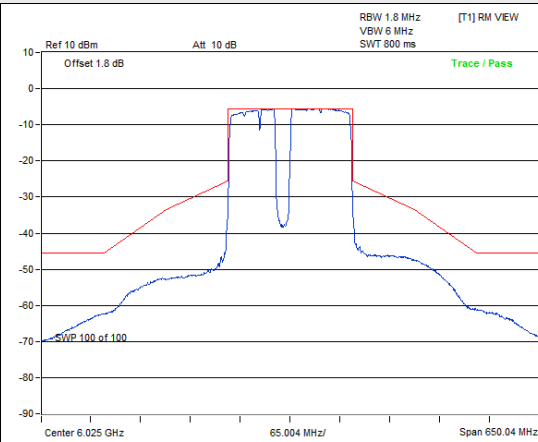
802.11be (EHT160) 996+484+242-tone MRU



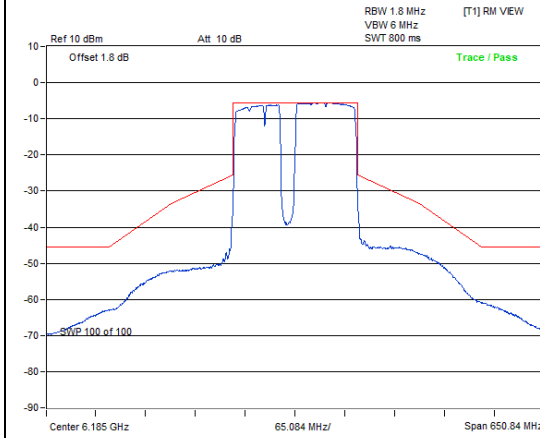
Spectrum Plot



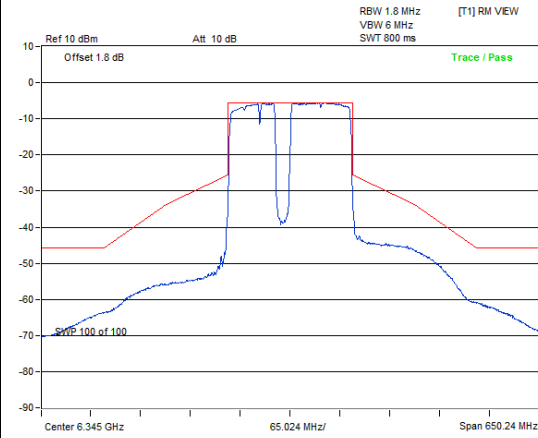
802.11be (EHT160) 996+484+242-tone MRU / Chain 0: CH
207



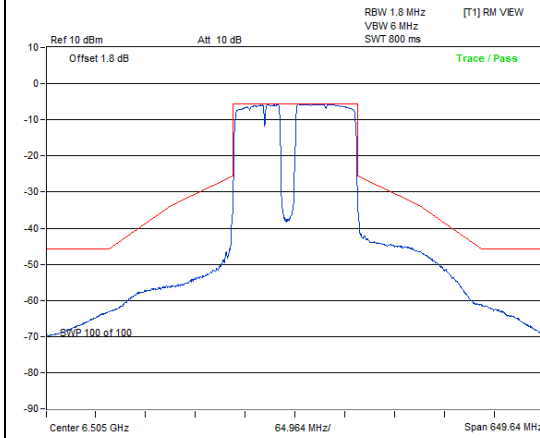
802.11be (EHT160) 996+484+242-tone MRU / Chain 1: CH
15



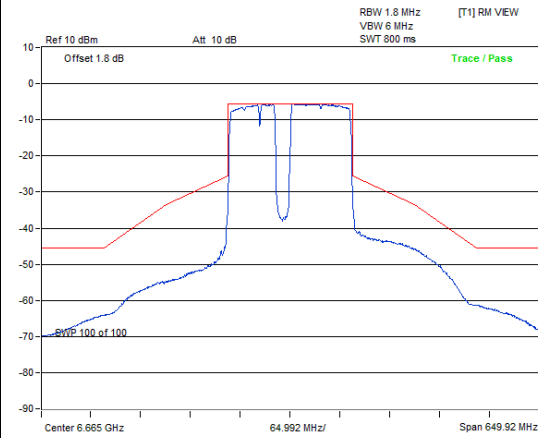
802.11be (EHT160) 996+484+242-tone MRU / Chain 1: CH
47



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



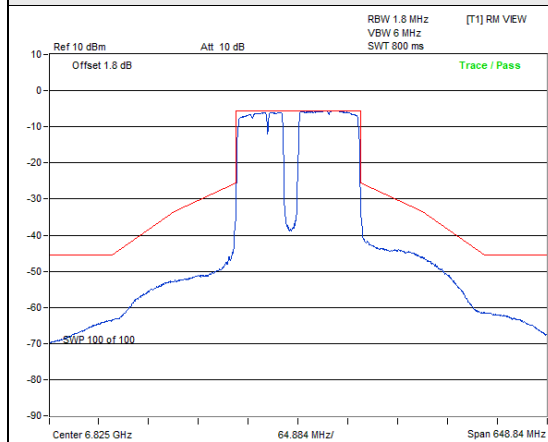
802.11be (EHT160) 996+484+242-tone MRU / Chain 1: CH
111



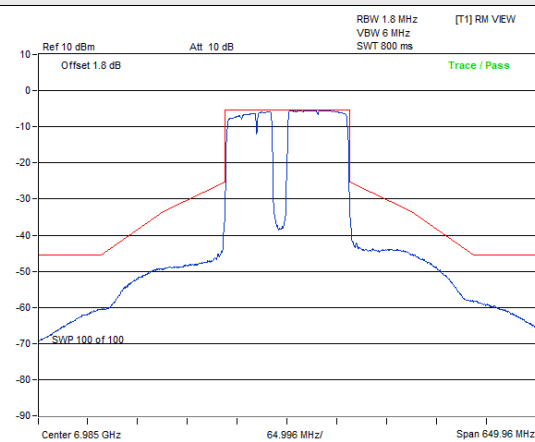
802.11be (EHT160) 996+484+242-tone MRU / Chain 1: CH
143



Spectrum Plot



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



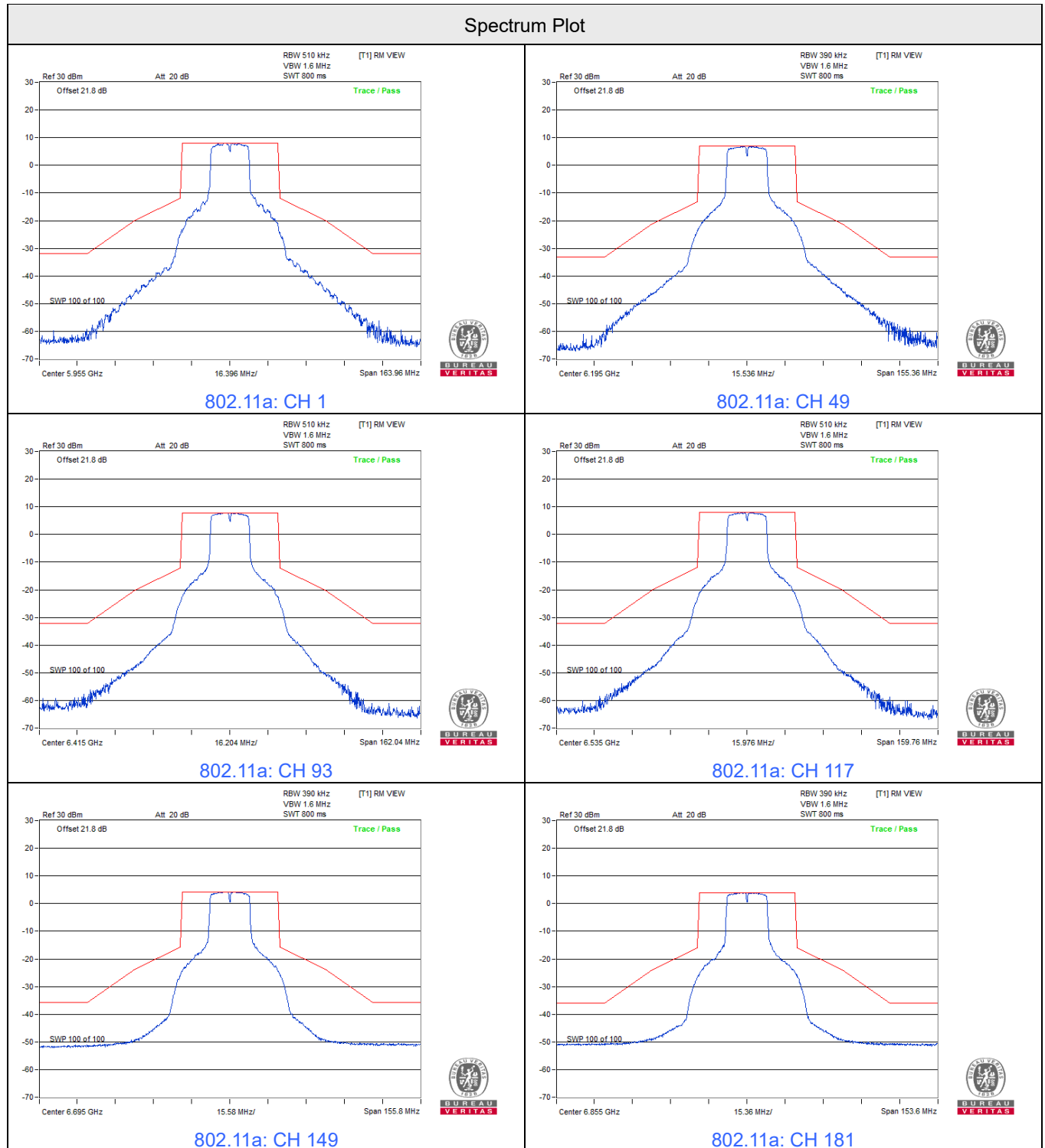
802.11be (EHT160) 996+484+242-tone MRU / Chain 1: CH
207

Input Power:	3.3 Vdc	Environmental Conditions:	27°C, 62% RH	Tested By:	Kevin Ko
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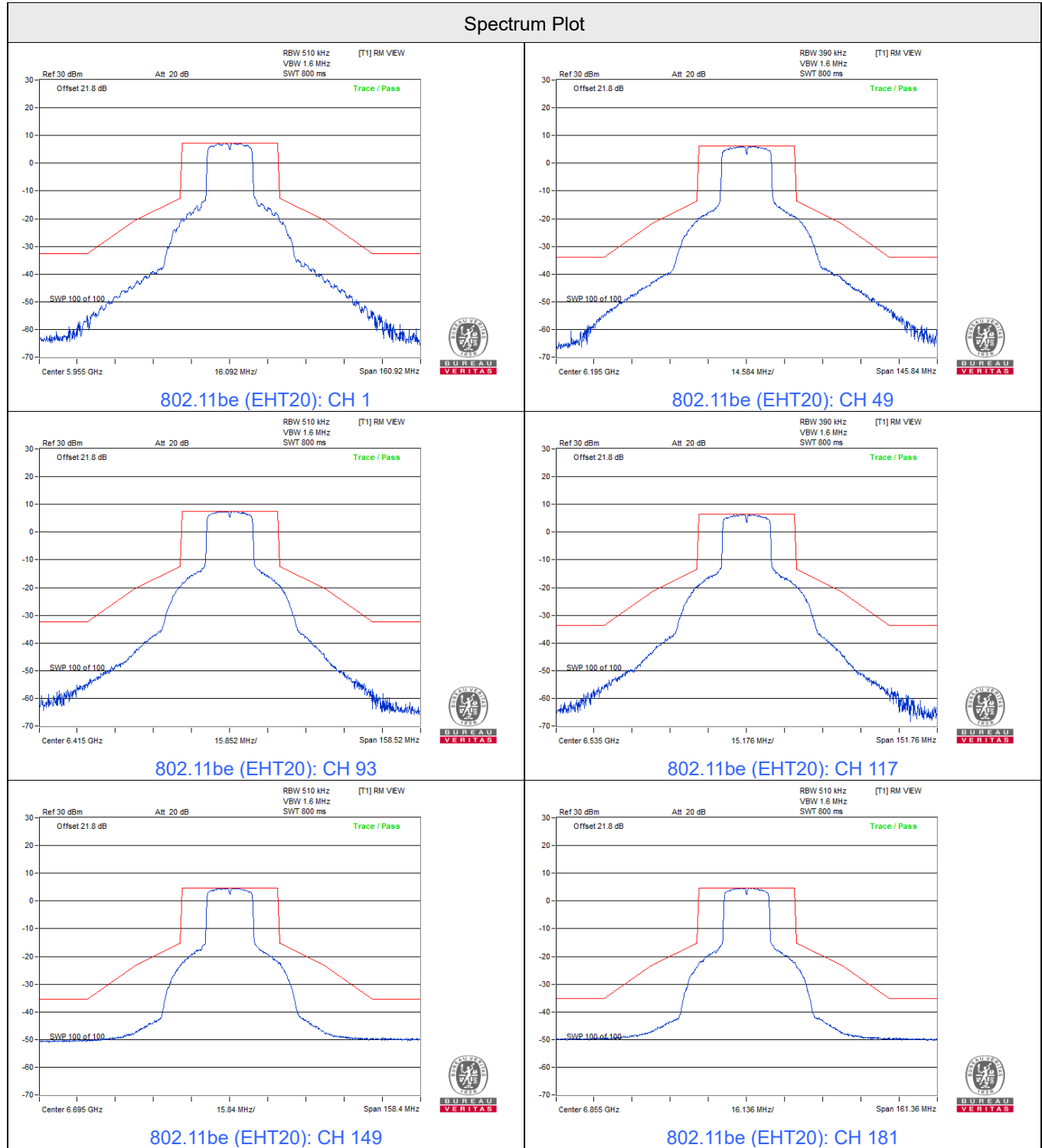
Standard client

1Tx

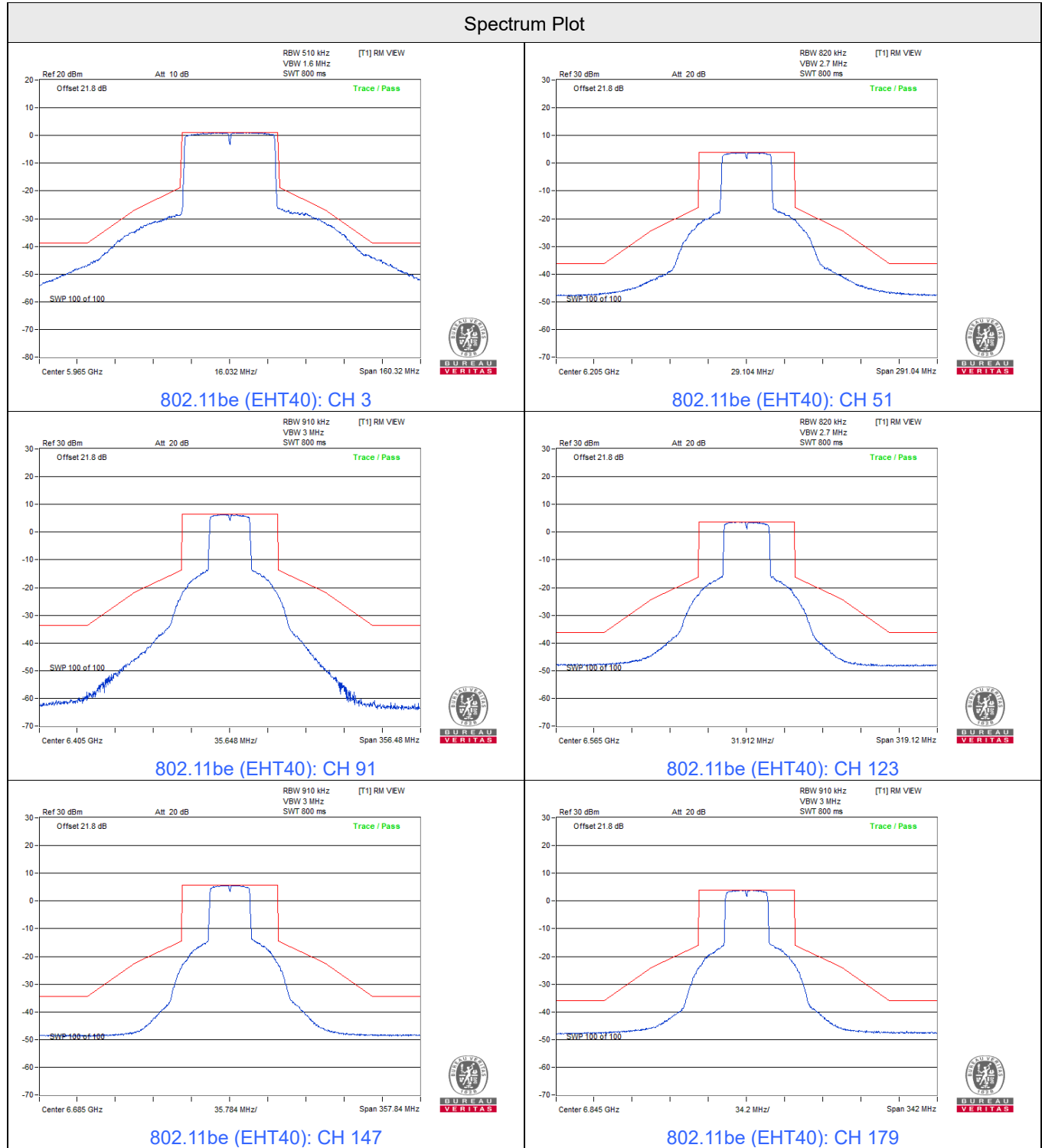
802.11a



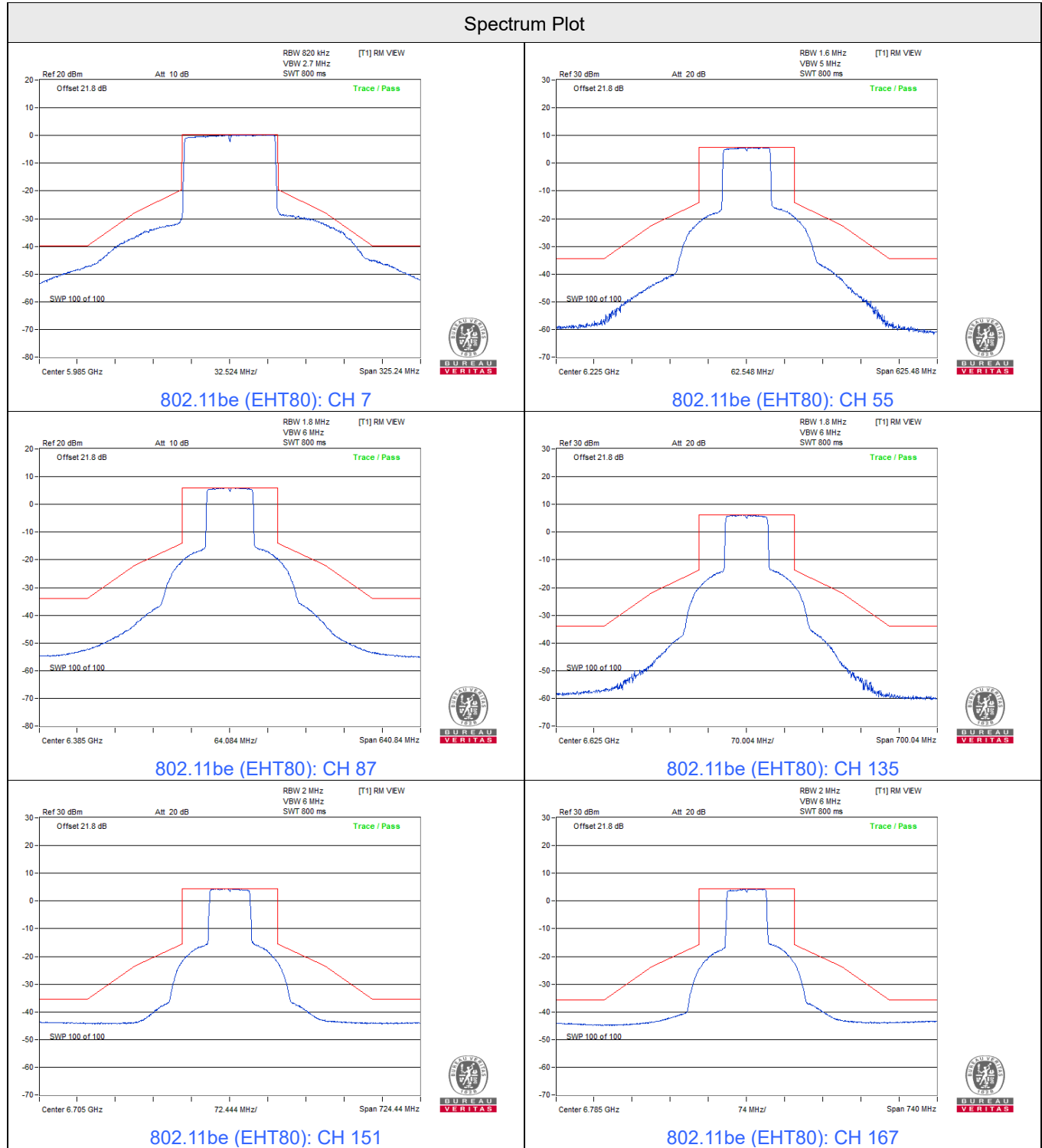
802.11be (EHT20)



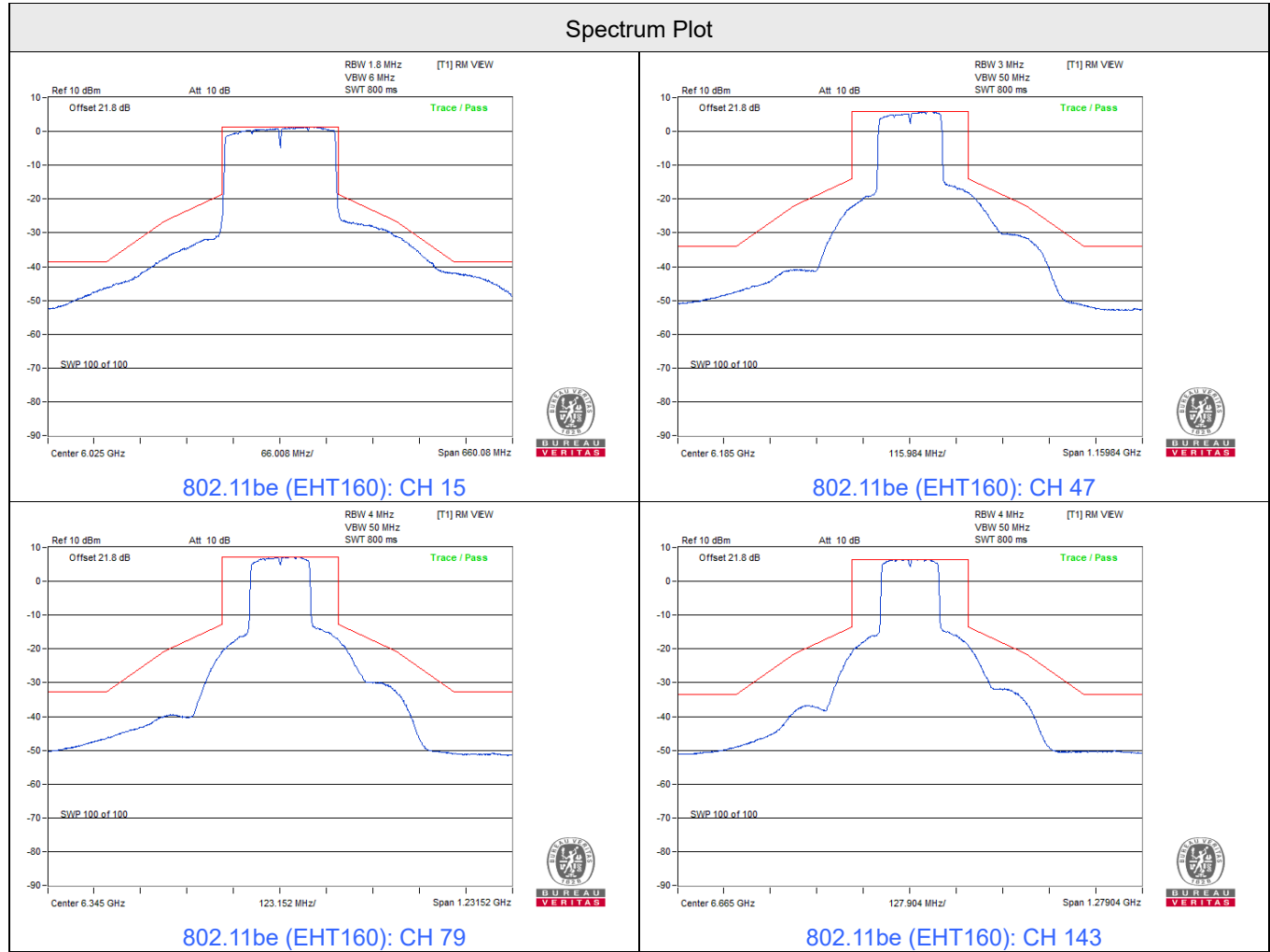
802.11be (EHT40)



802.11be (EHT80)

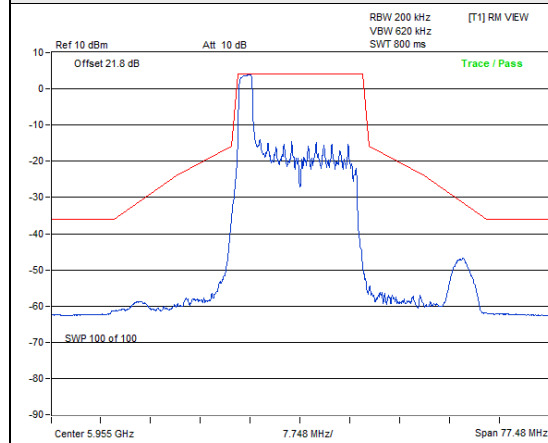


802.11be (EHT160)

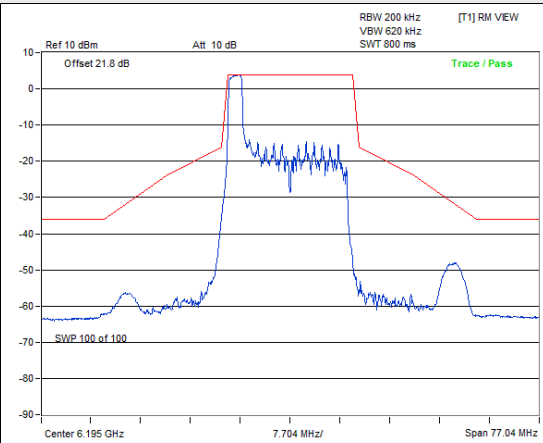


802.11be (EHT20) 26-tone RU

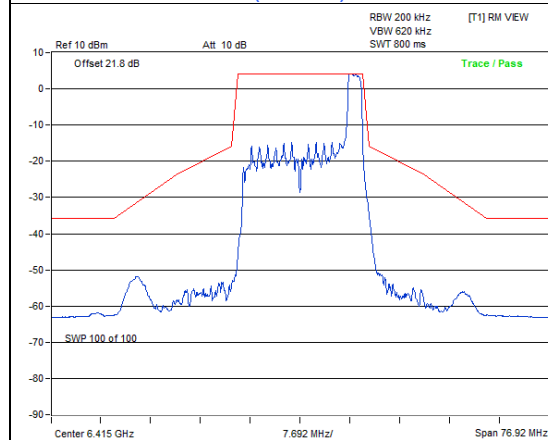
Spectrum Plot



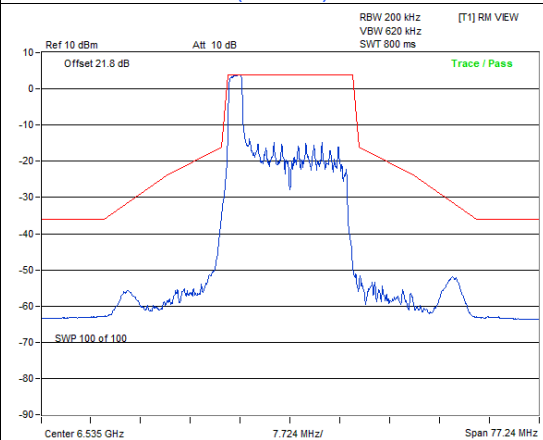
802.11be (EHT20) 26-tone RU: CH 1



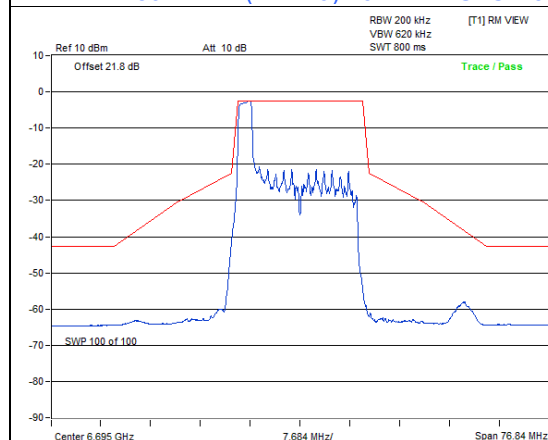
802.11be (EHT20) 26-tone RU: CH 49



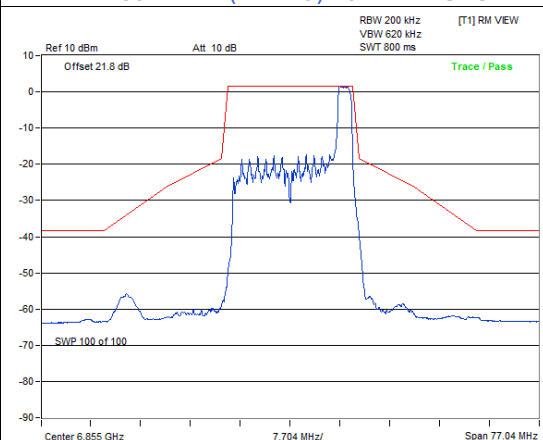
802.11be (EHT20) 26-tone RU: CH 93



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

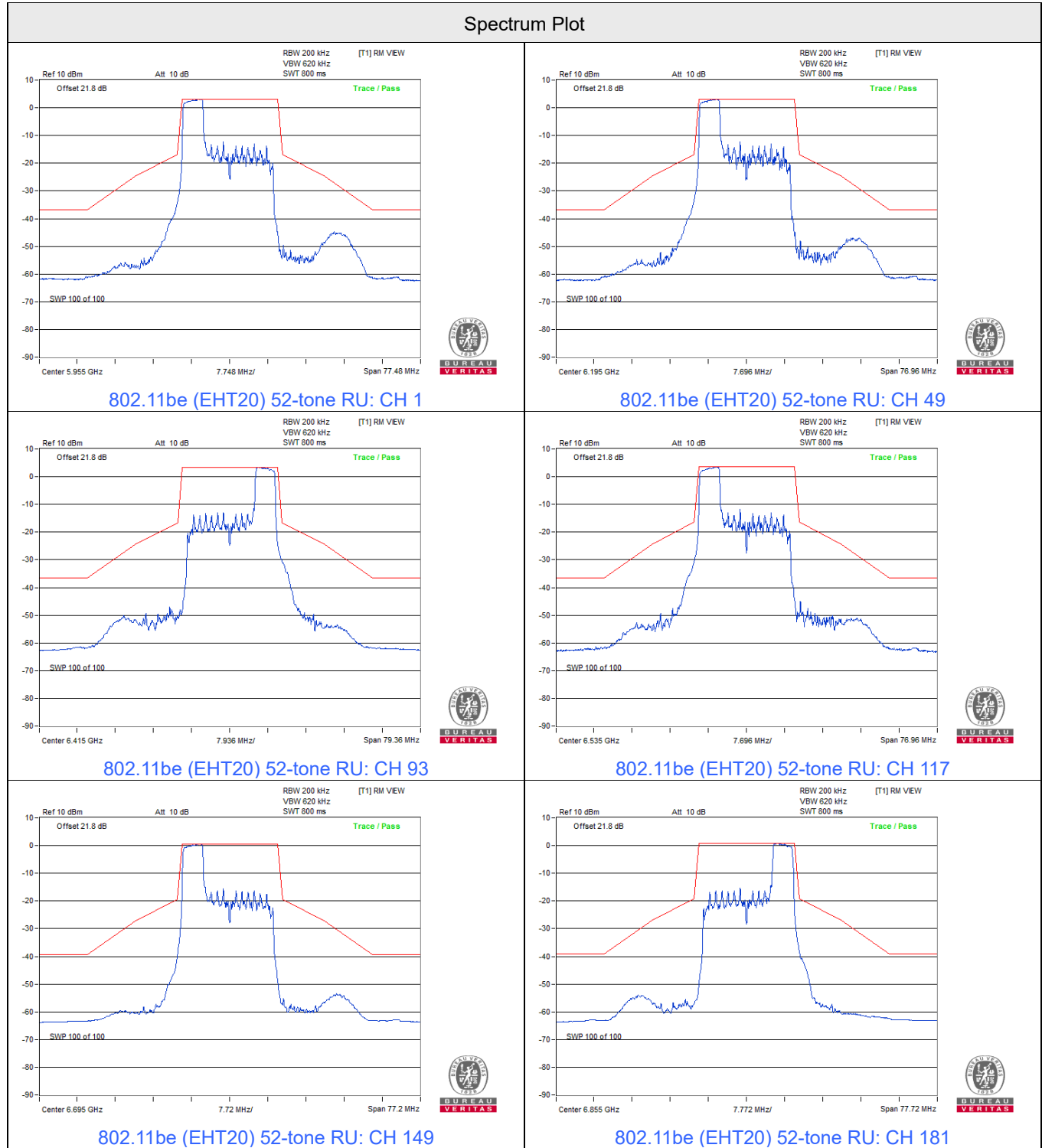


802.11be (EHT20) 26-tone RU: CH 149



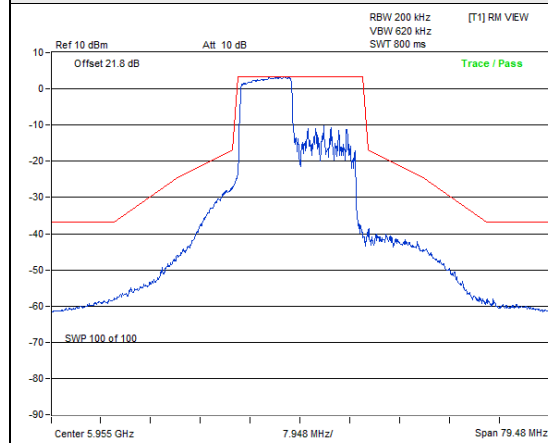
802.11be (EHT20) 26-tone RU: CH 181

802.11be (EHT20) 52-tone RU

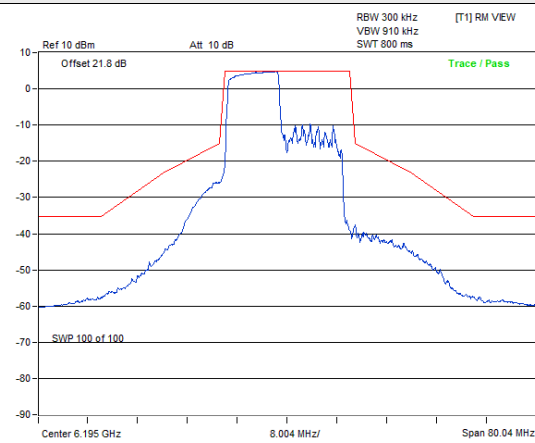


802.11be (EHT20) 106-tone RU

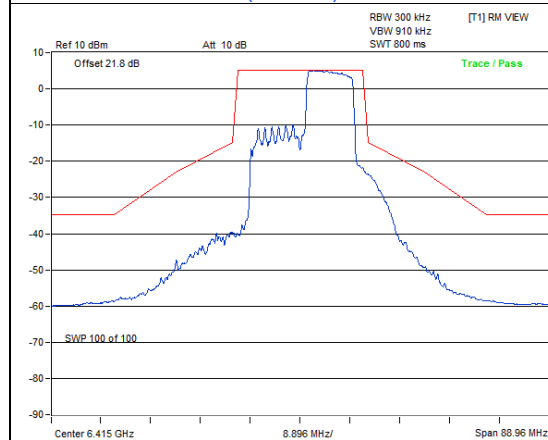
Spectrum Plot



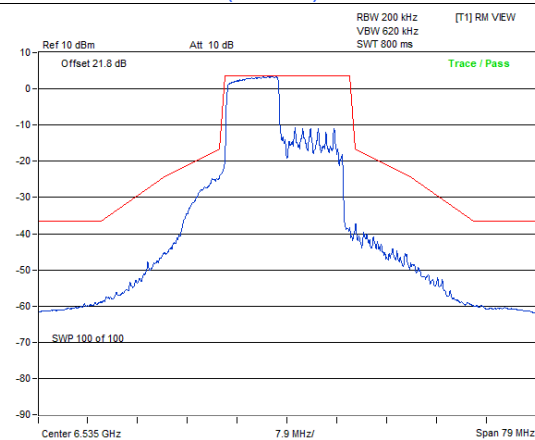
802.11be (EHT20) 106-tone RU: CH 1



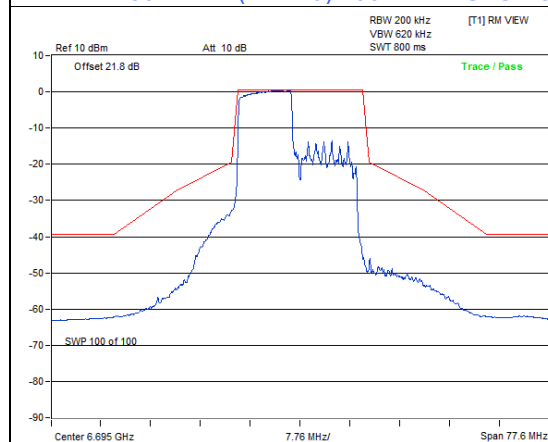
802.11be (EHT20) 106-tone RU: CH 49



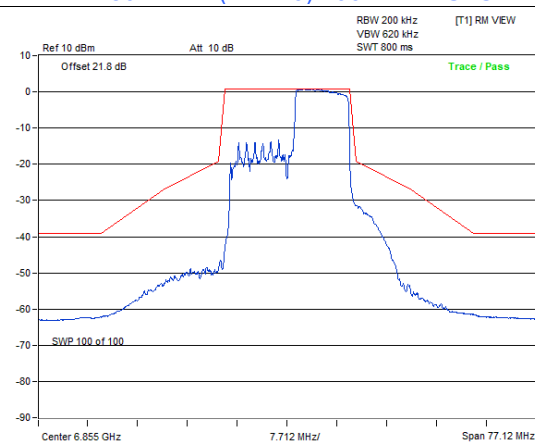
802.11be (EHT20) 106-tone RU: CH 93



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

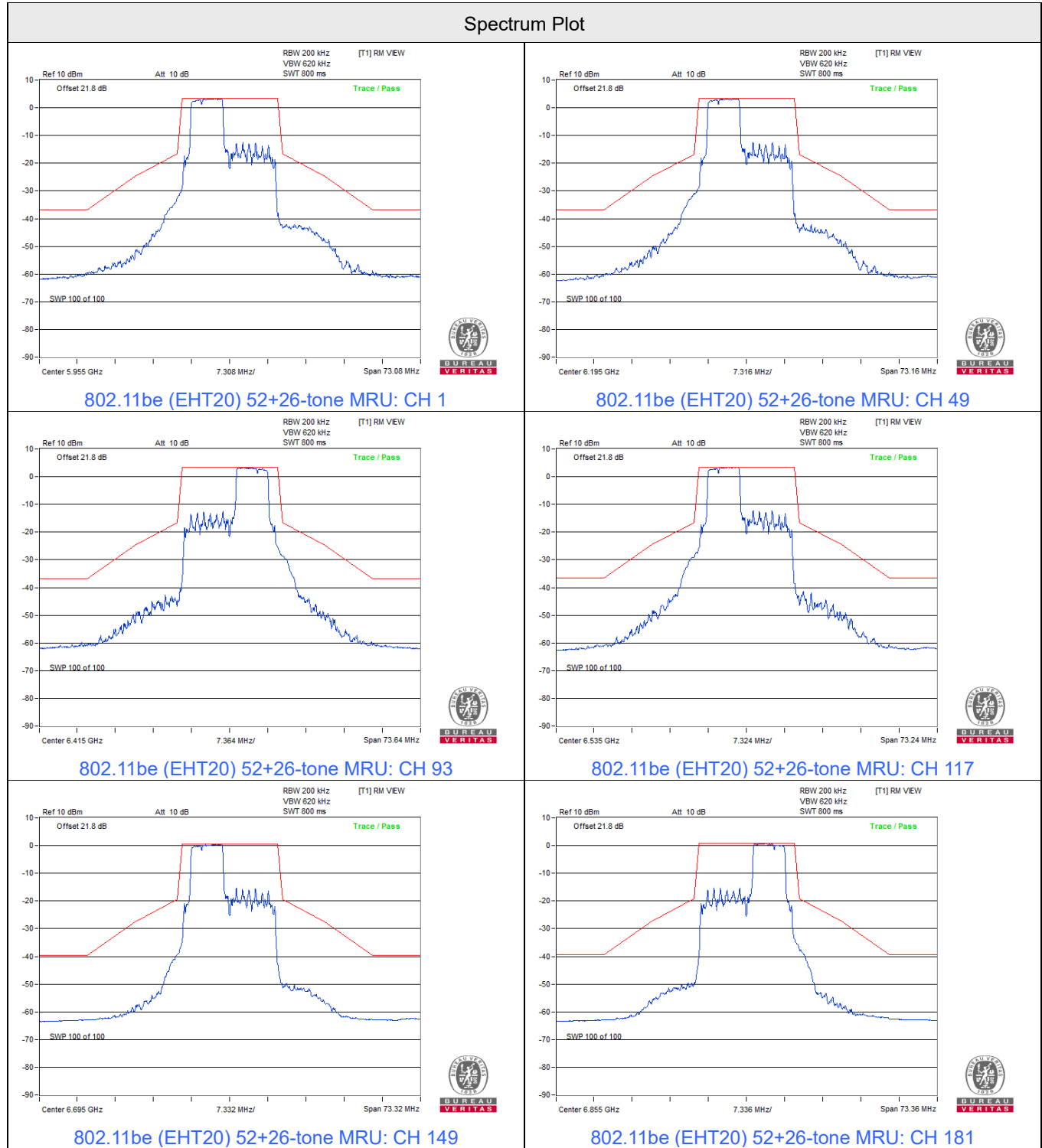


802.11be (EHT20) 106-tone RU: CH 149

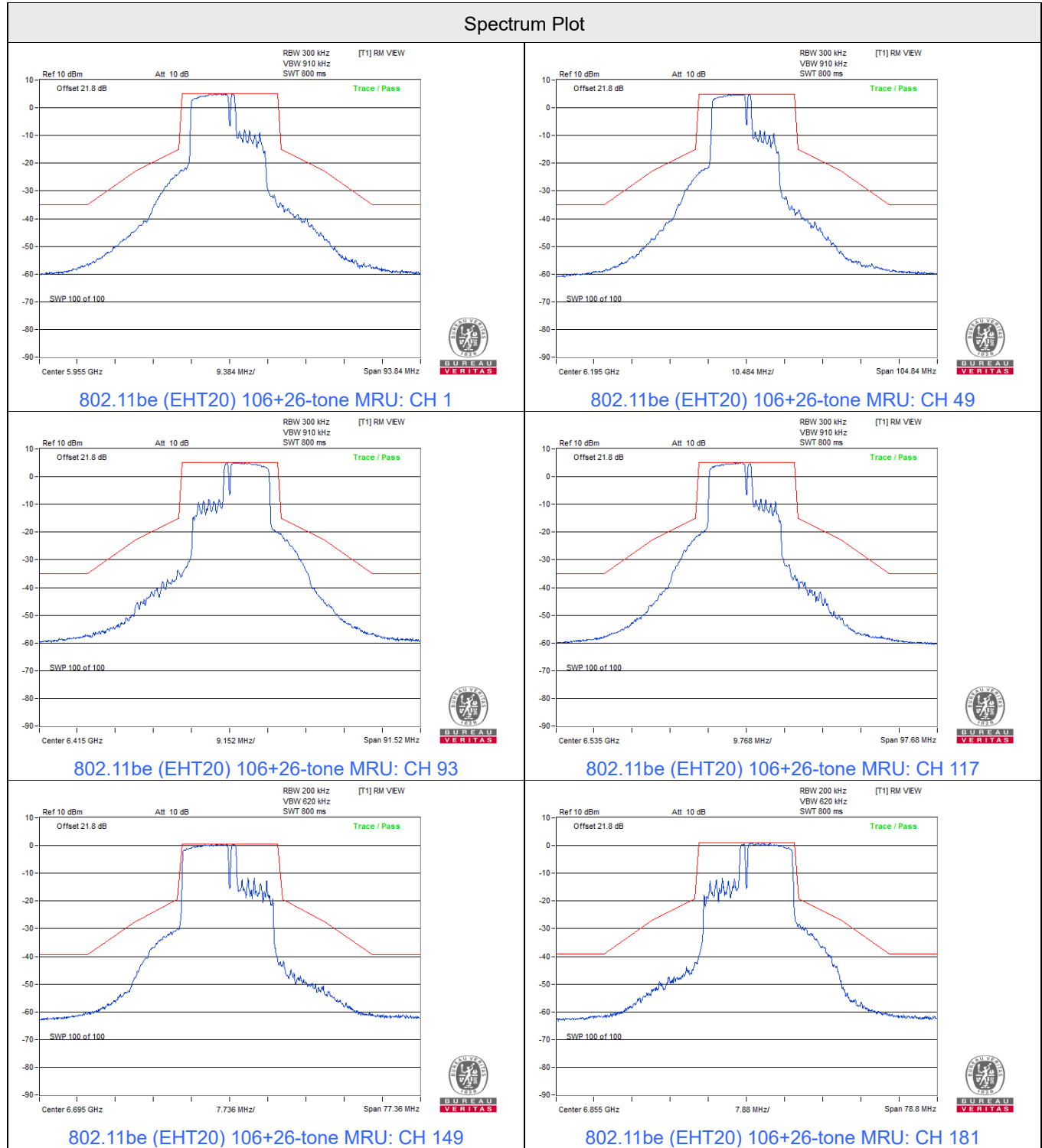


802.11be (EHT20) 106-tone RU: CH 181

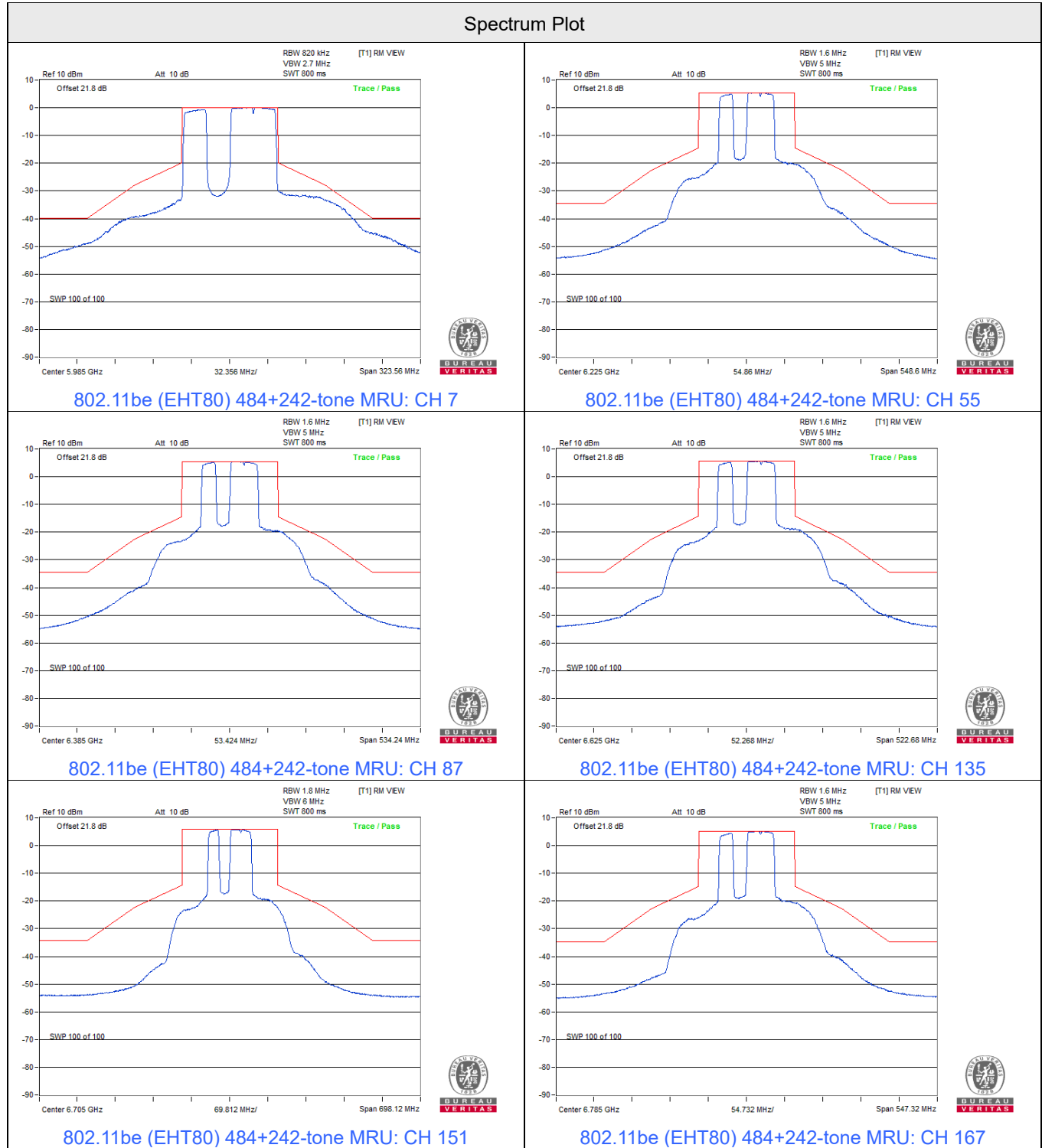
802.11be (EHT20) 52+26-tone MRU



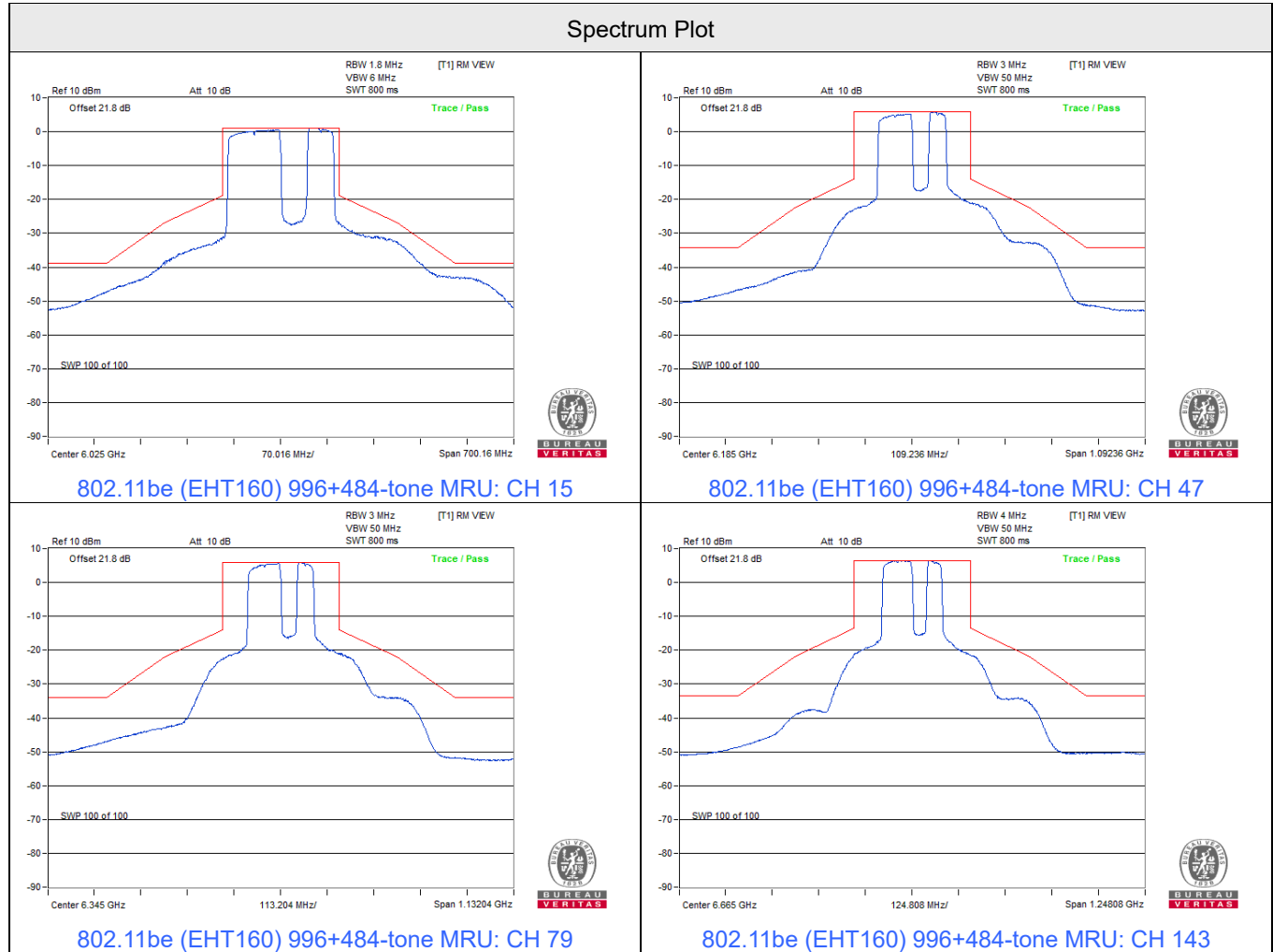
802.11be (EHT20) 106+26-tone MRU



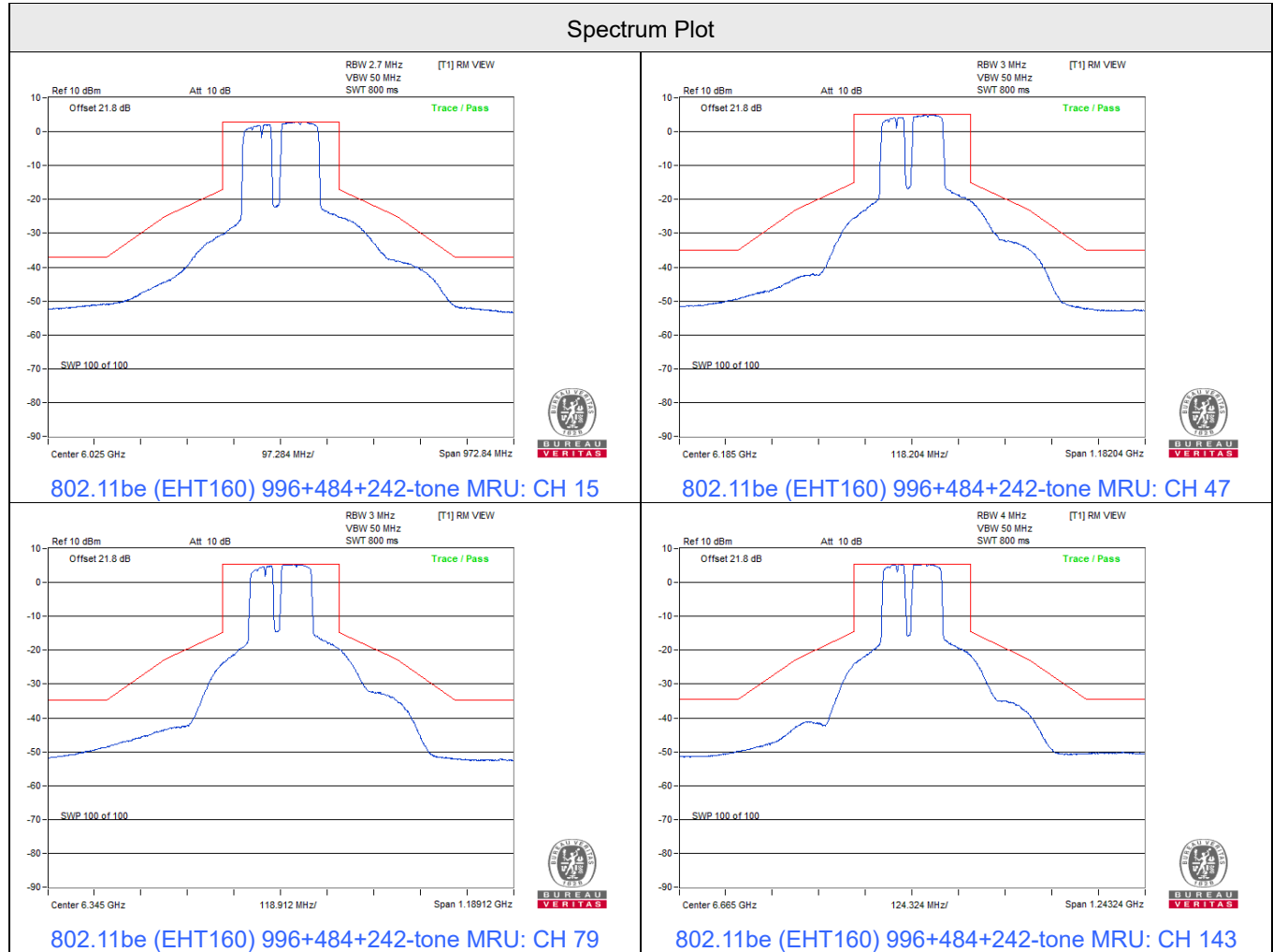
802.11be (EHT80) 484+242-tone MRU



802.11be (EHT160) 996+484-tone MRU



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

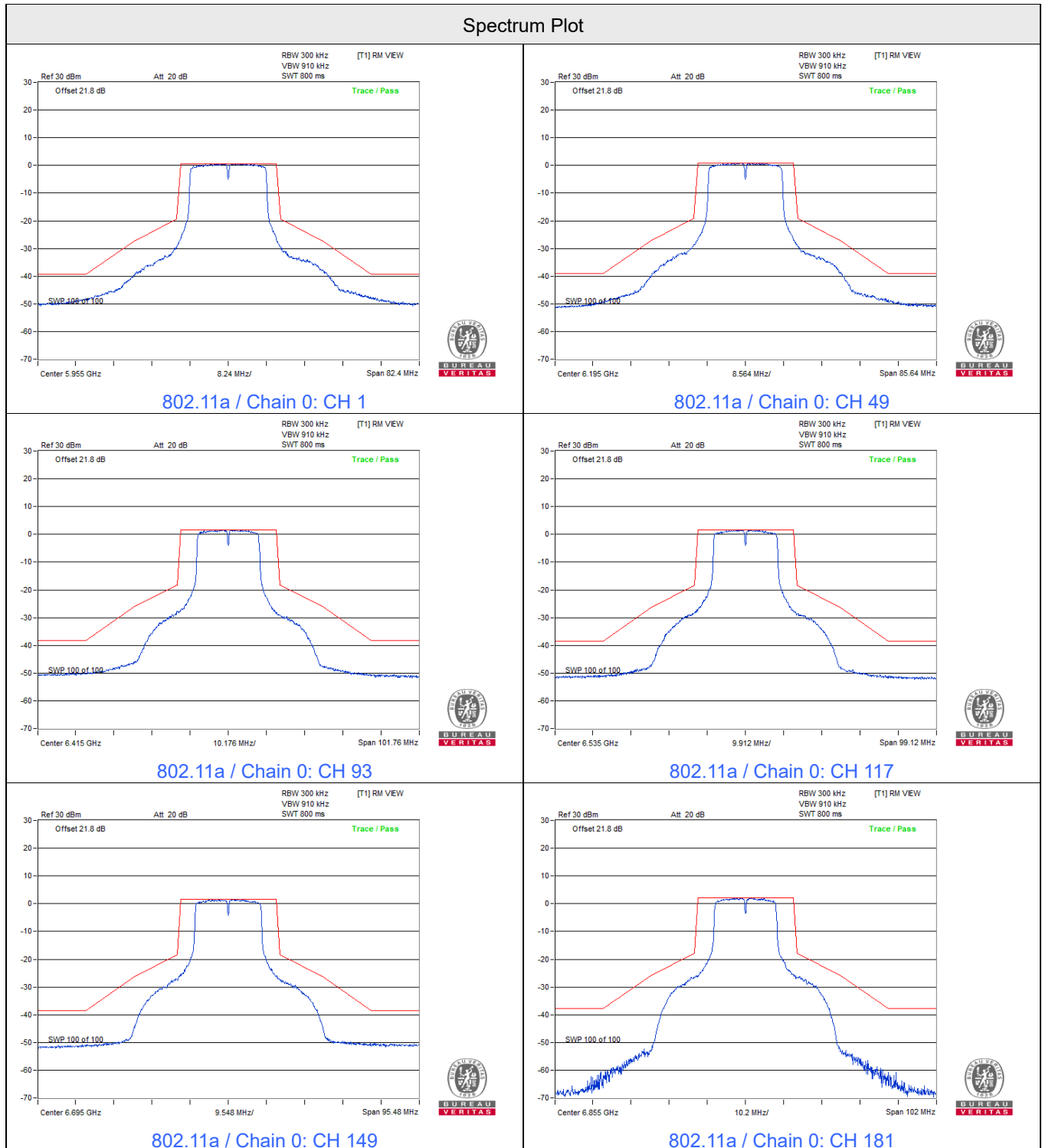


Input Power:	3.3 Vdc	Environmental Conditions:	27°C, 62% RH	Tested By:	Kevin Ko
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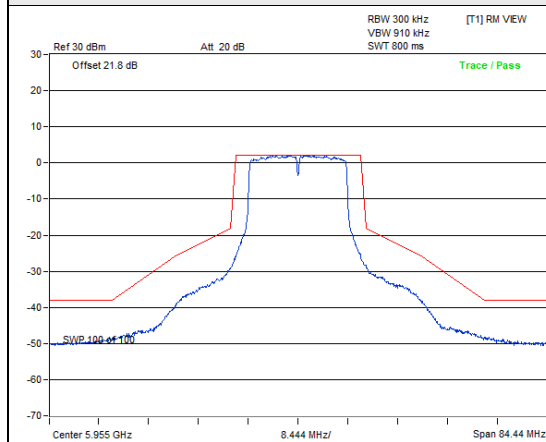
Standard client

2Tx

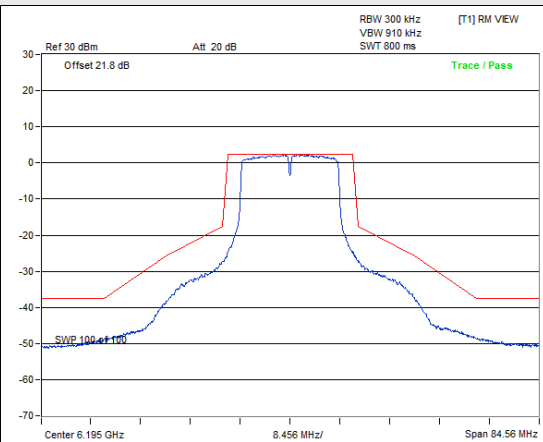
802.11a



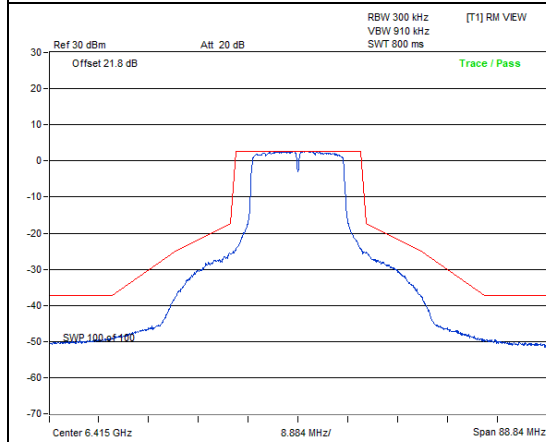
Spectrum Plot



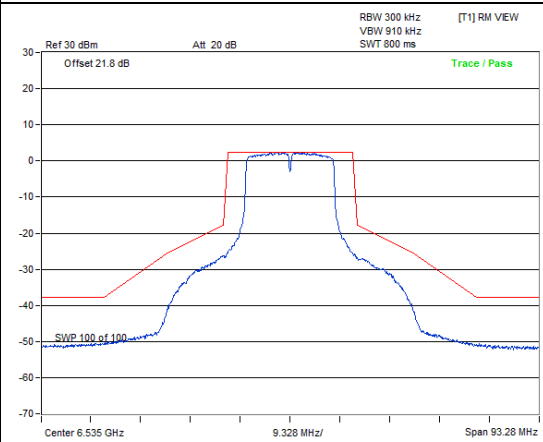
802.11a / Chain 1: CH 1



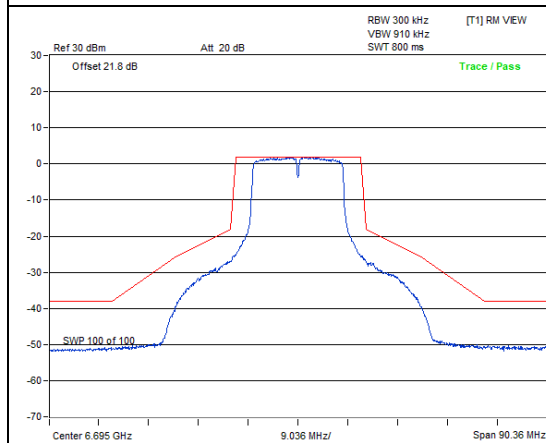
802.11a / Chain 1: CH 49



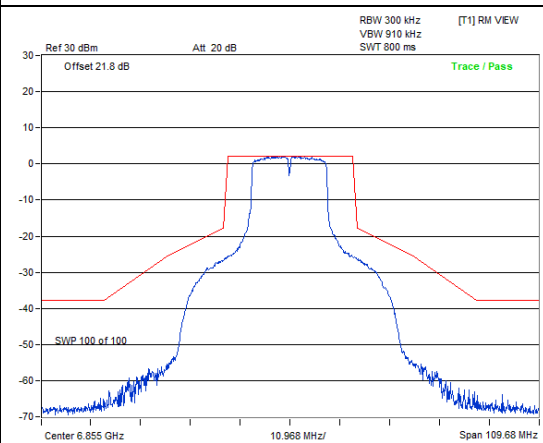
802.11a / Chain 1: CH 93



802.11a / Chain 1: CH 117

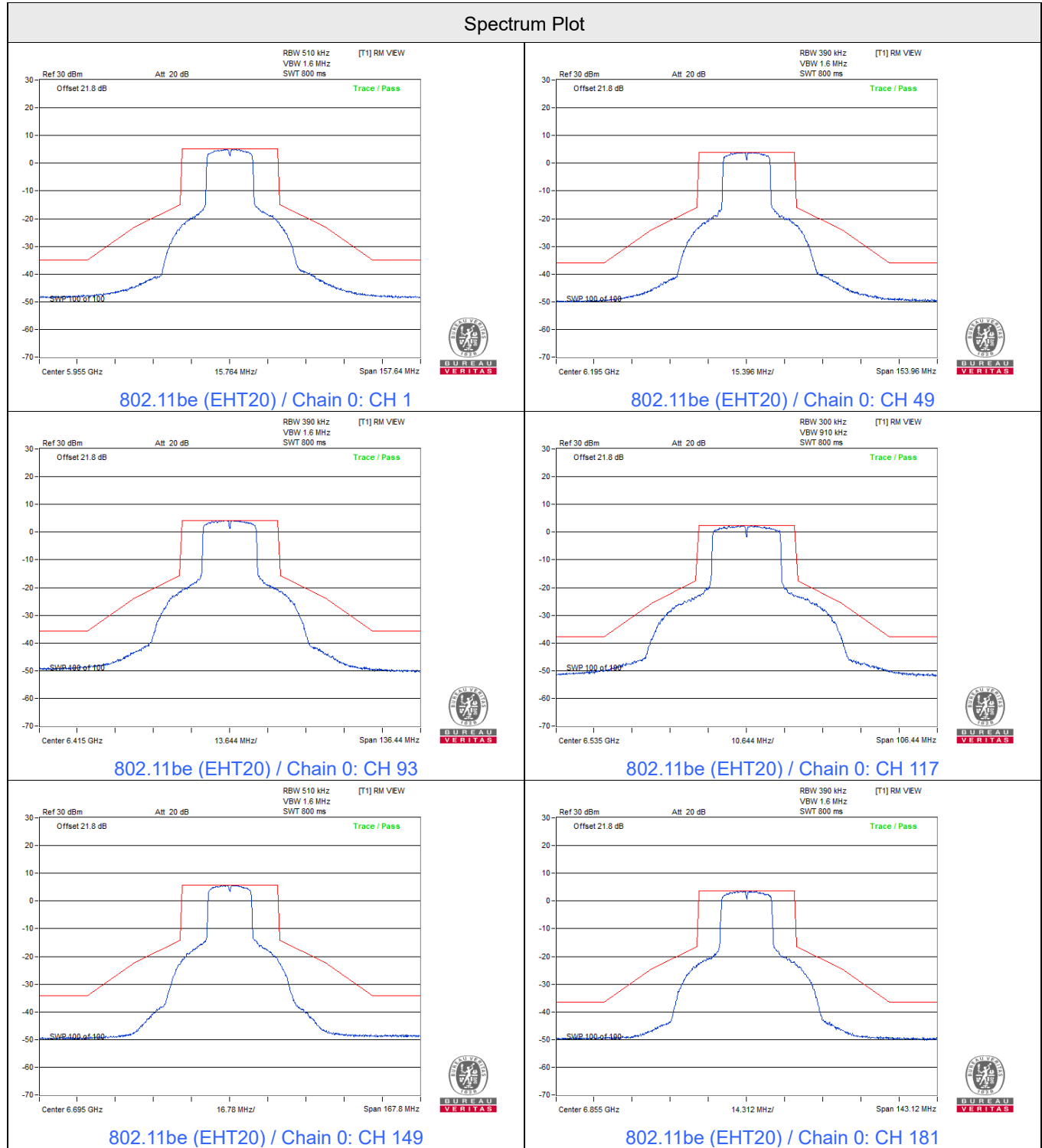


802.11a / Chain 1: CH 149

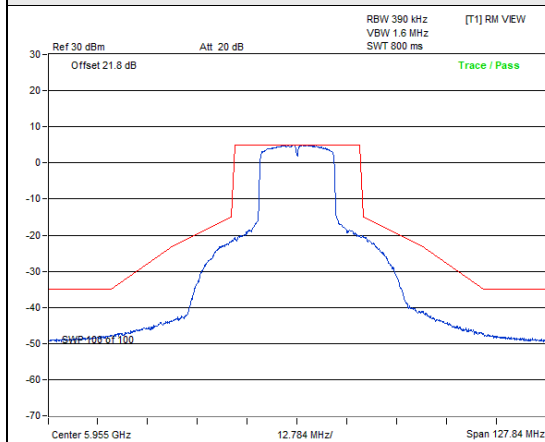


802.11a / Chain 1: CH 181

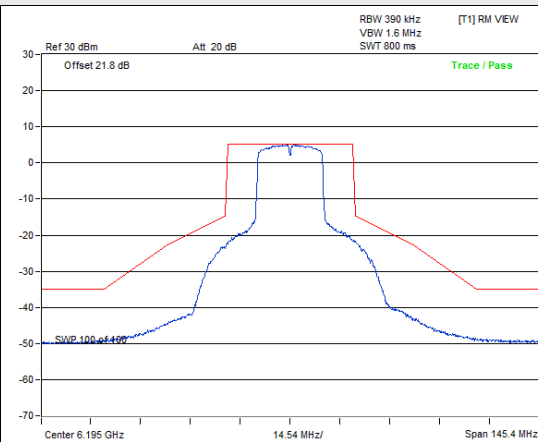
802.11be (EHT20)



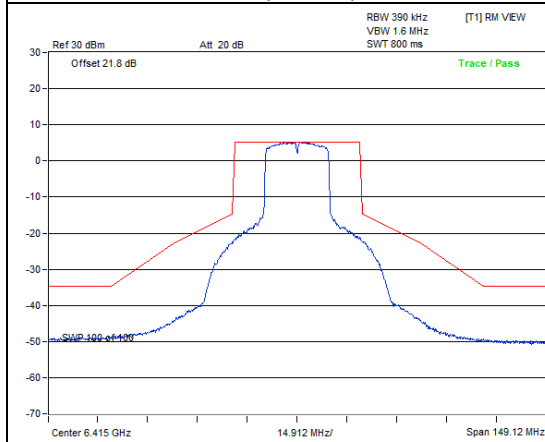
Spectrum Plot



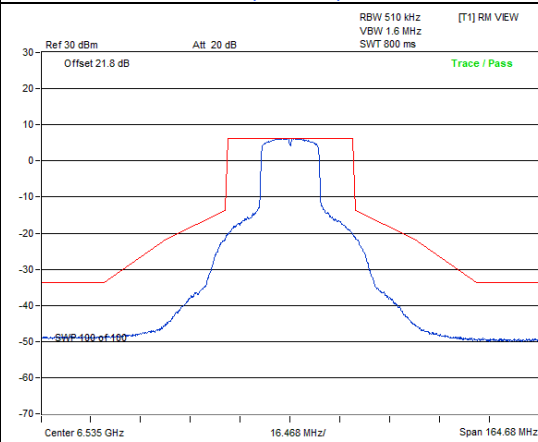
802.11be (EHT20) / Chain 1: CH 1



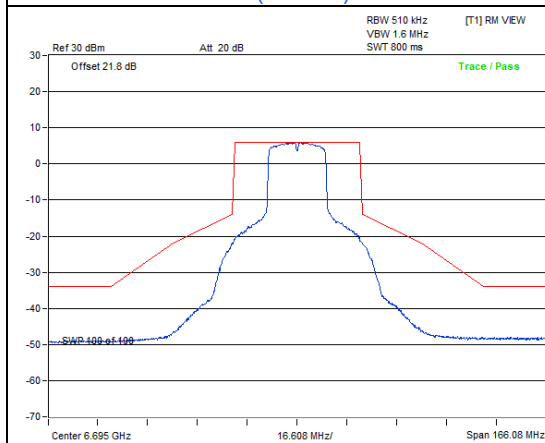
802.11be (EHT20) / Chain 1: CH 49



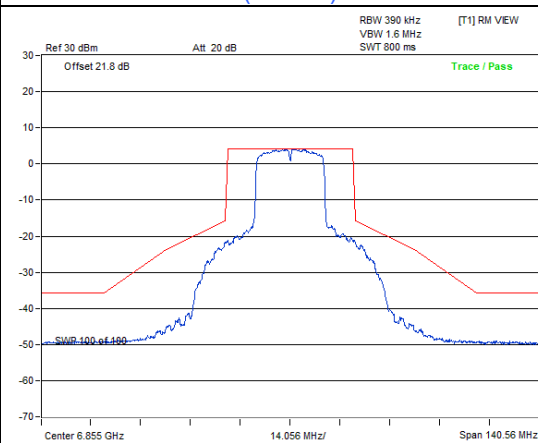
802.11be (EHT20) / Chain 1: CH 93



802.11be (EHT20) / Chain 1: CH 117

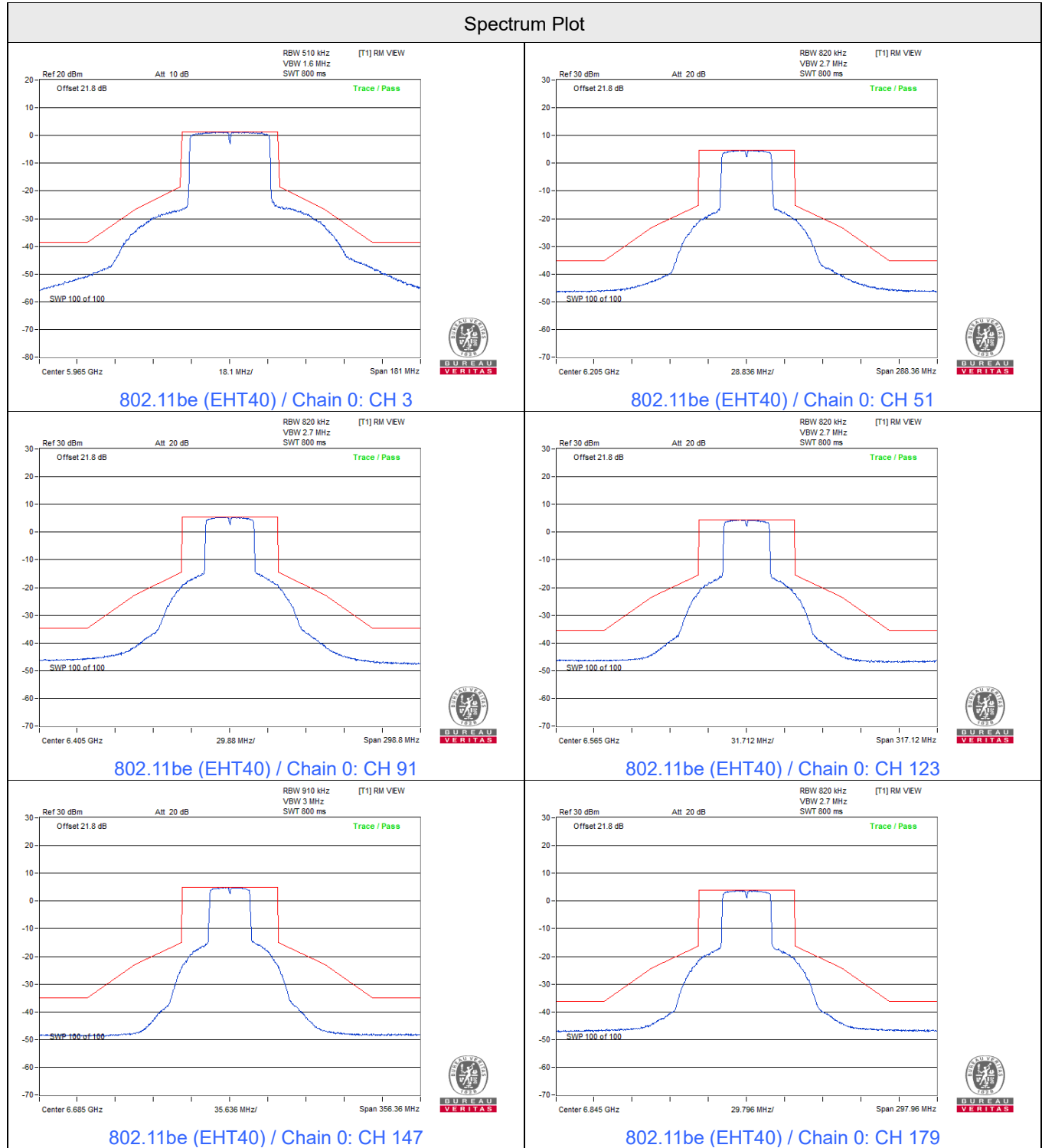


802.11be (EHT20) / Chain 1: CH 149

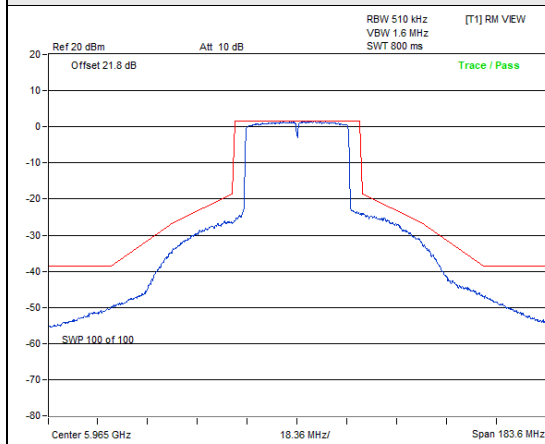


802.11be (EHT20) / Chain 1: CH 181

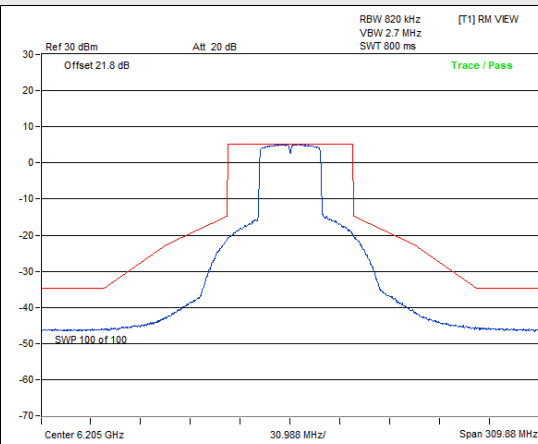
802.11be (EHT40)



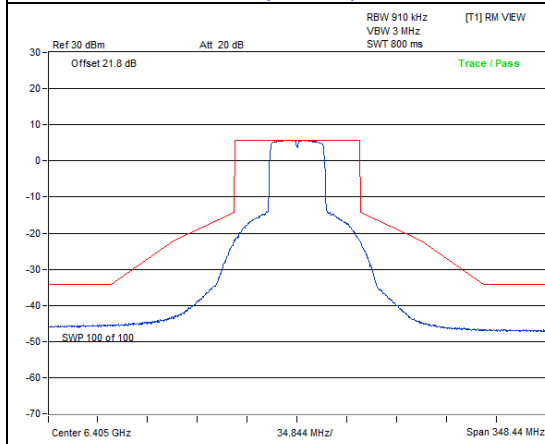
Spectrum Plot



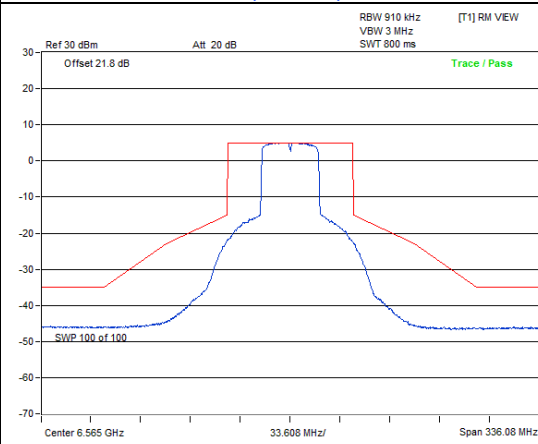
802.11be (EHT40) / Chain 1: CH 3



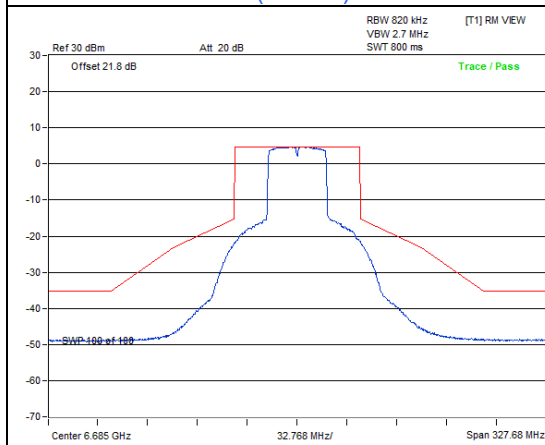
802.11be (EHT40) / Chain 1: CH 51



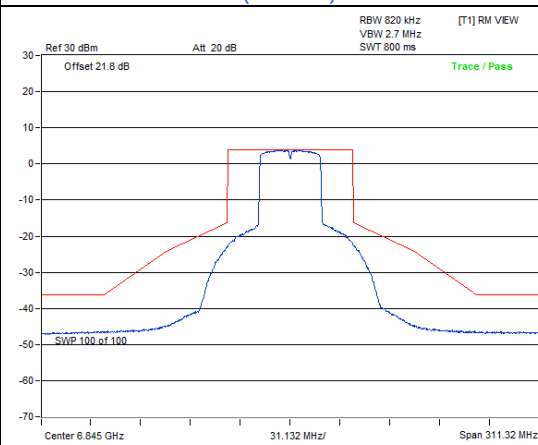
802.11be (EHT40) / Chain 1: CH 91



802.11be (EHT40) / Chain 1: CH 123



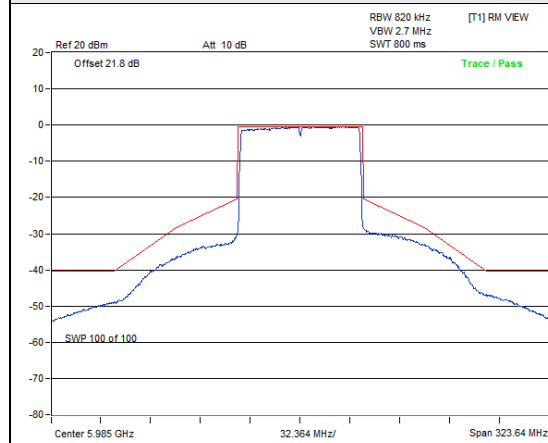
802.11be (EHT40) / Chain 1: CH 147



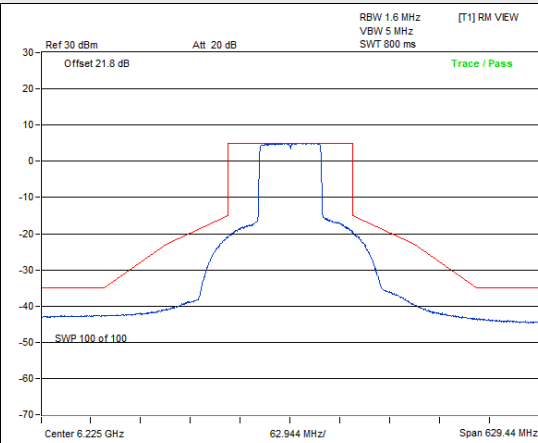
802.11be (EHT40) / Chain 1: CH 179

802.11be (EHT80)

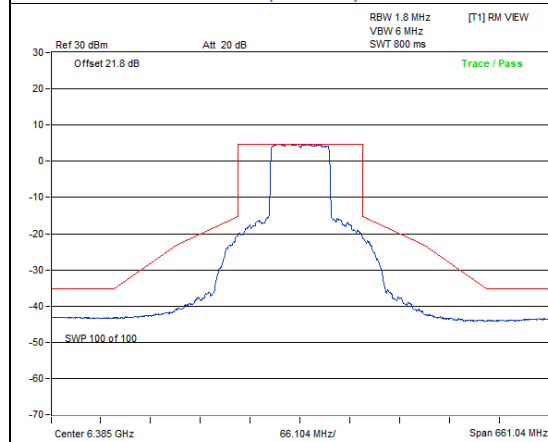
Spectrum Plot



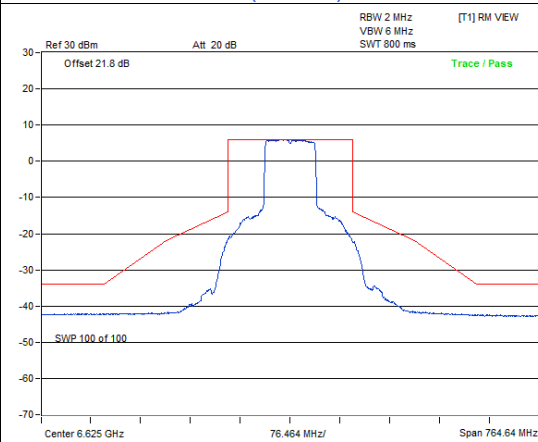
802.11be (EHT80) / Chain 0: CH 7



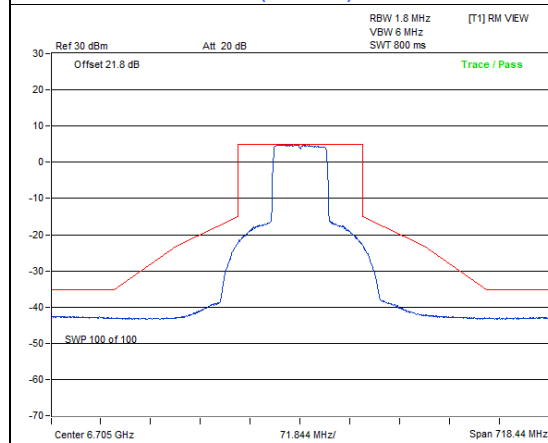
802.11be (EHT80) / Chain 0: CH 55



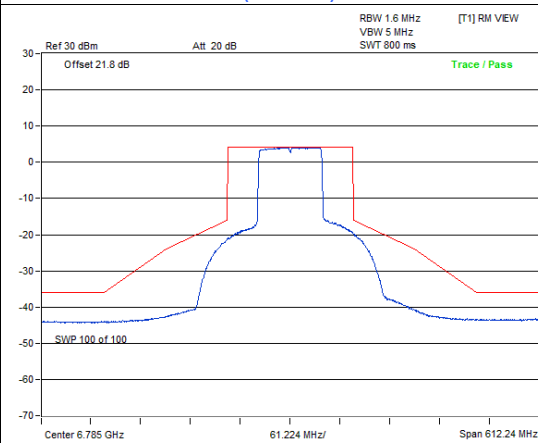
802.11be (EHT80) / Chain 0: CH 87



802.11be (EHT80) / Chain 0: CH 135

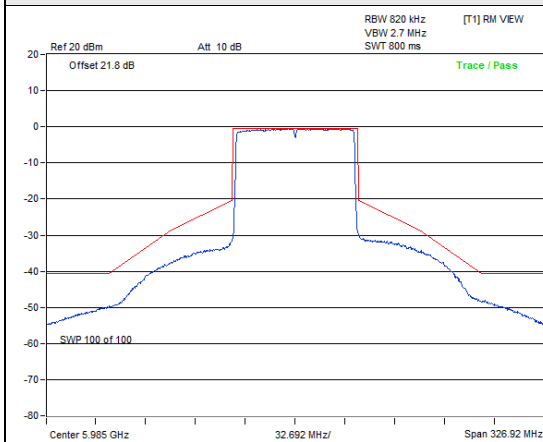


802.11be (EHT80) / Chain 0: CH 151

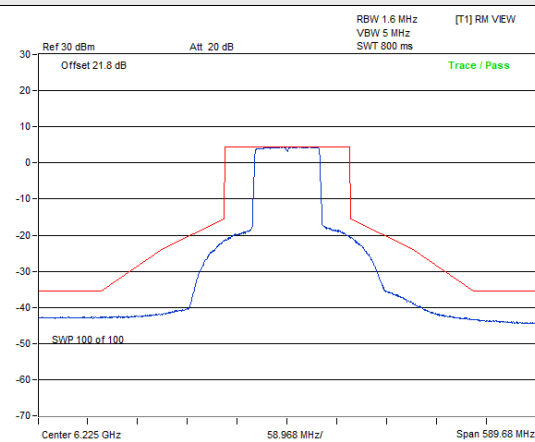


802.11be (EHT80) / Chain 0: CH 167

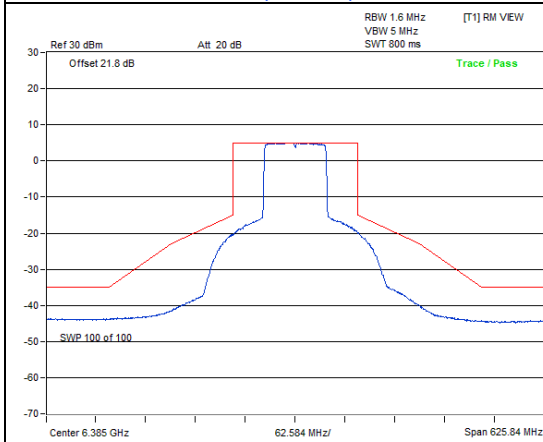
Spectrum Plot



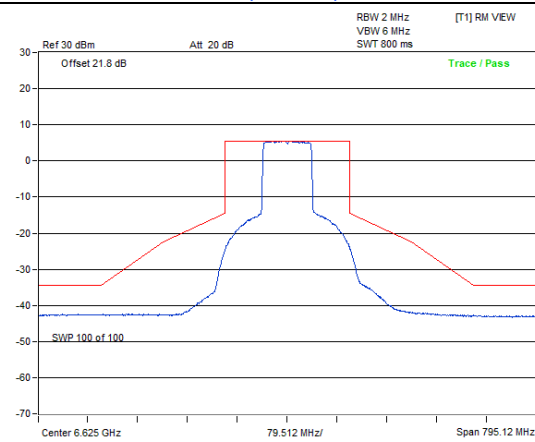
802.11be (EHT80) / Chain 1: CH 7



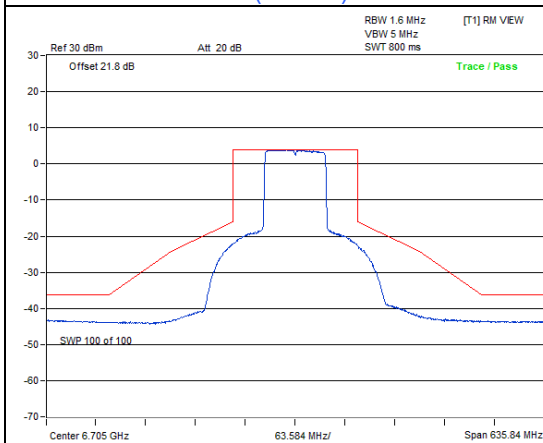
802.11be (EHT80) / Chain 1: CH 55



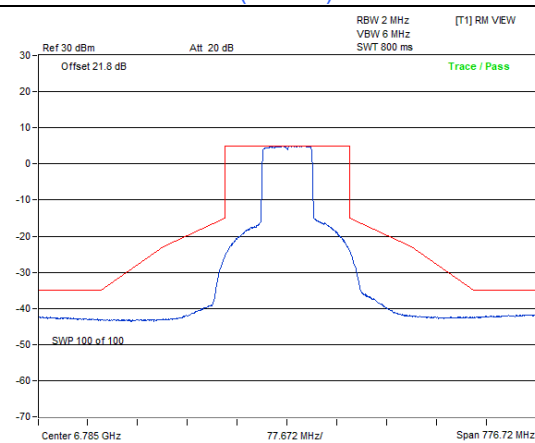
802.11be (EHT80) / Chain 1: CH 87



802.11be (EHT80) / Chain 1: CH 135

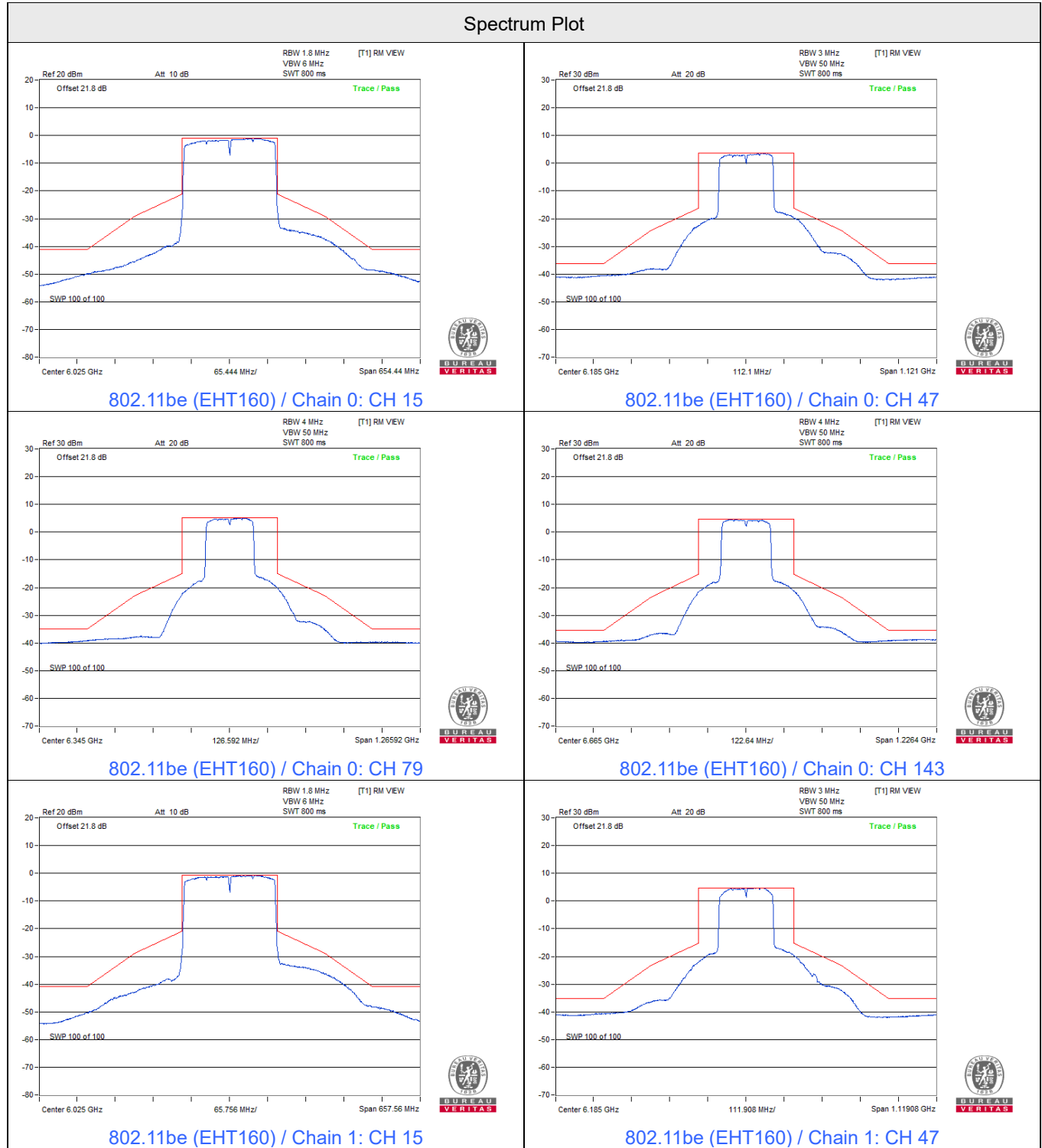


802.11be (EHT80) / Chain 1: CH 151

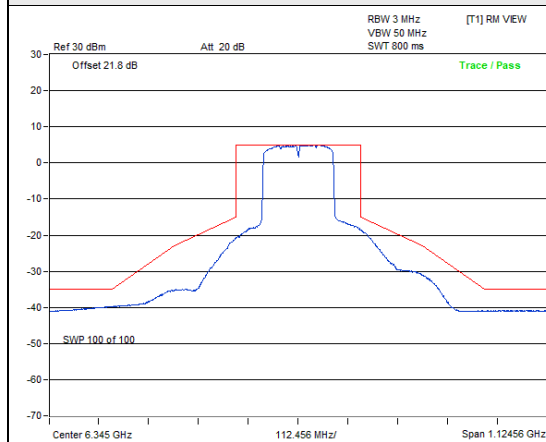


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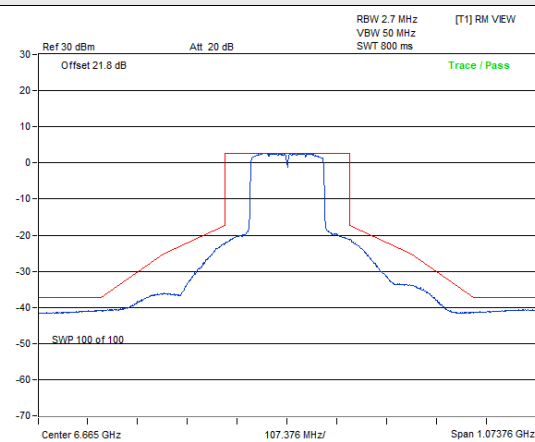
802.11be (EHT160)



Spectrum Plot

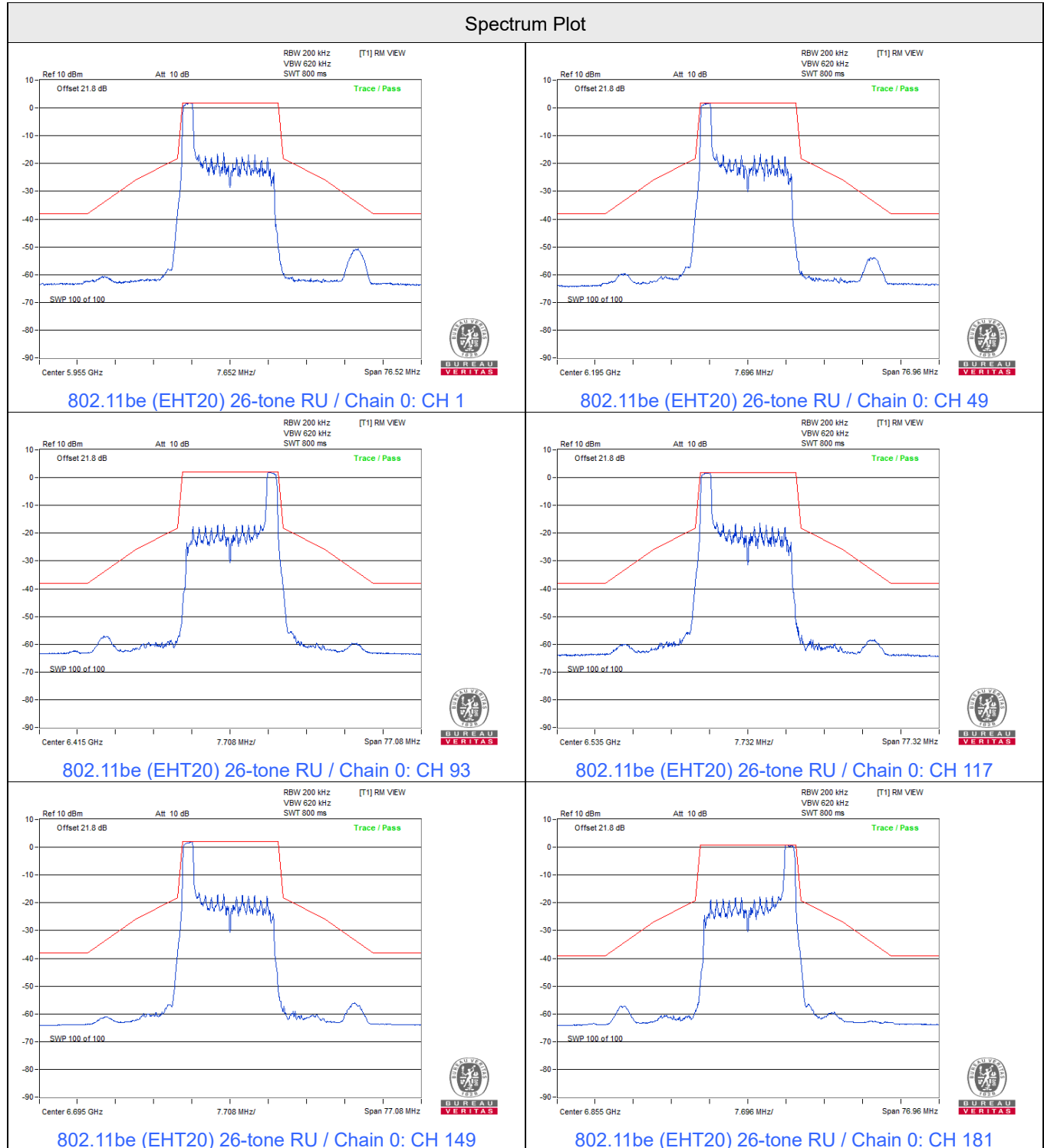


802.11be (EHT160) / Chain 1: CH 79

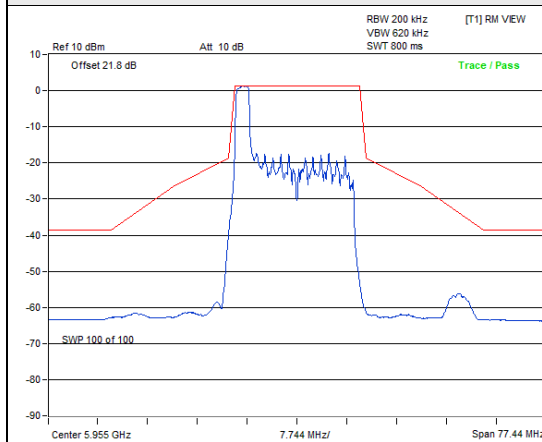


802.11be (EHT160) / Chain 1: CH 143

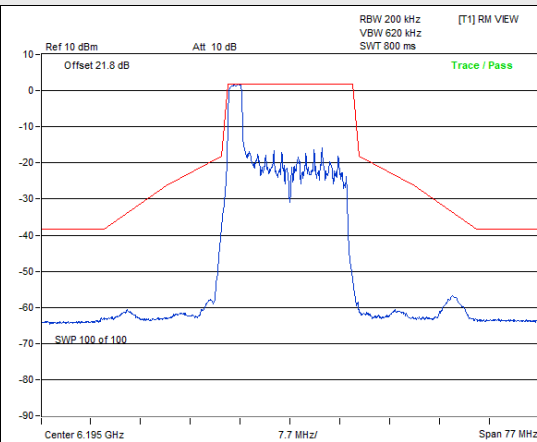
802.11be (EHT20) 26-tone RU



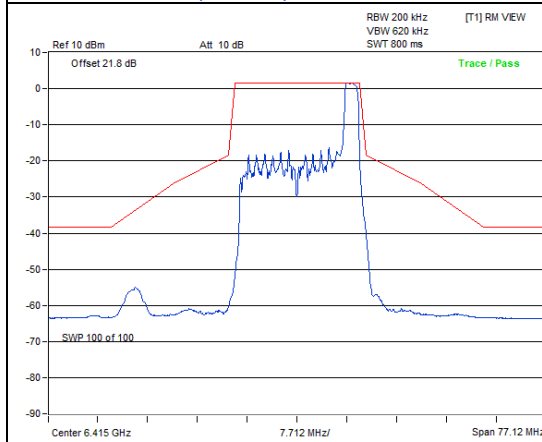
Spectrum Plot



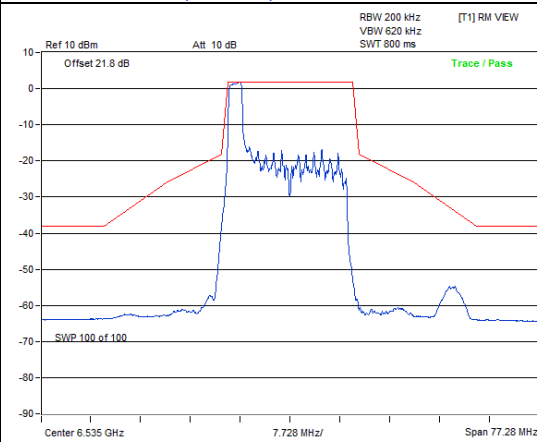
802.11be (EHT20) 26-tone RU / Chain 1: CH 1



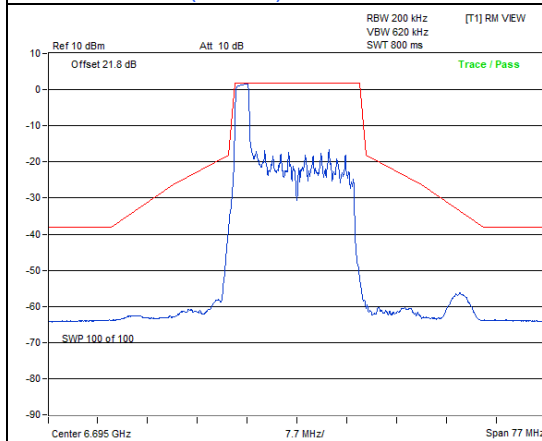
802.11be (EHT20) 26-tone RU / Chain 1: CH 49



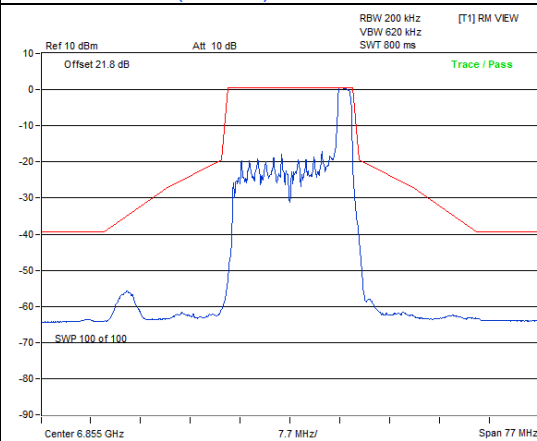
802.11be (EHT20) 26-tone RU / Chain 1: CH 93



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

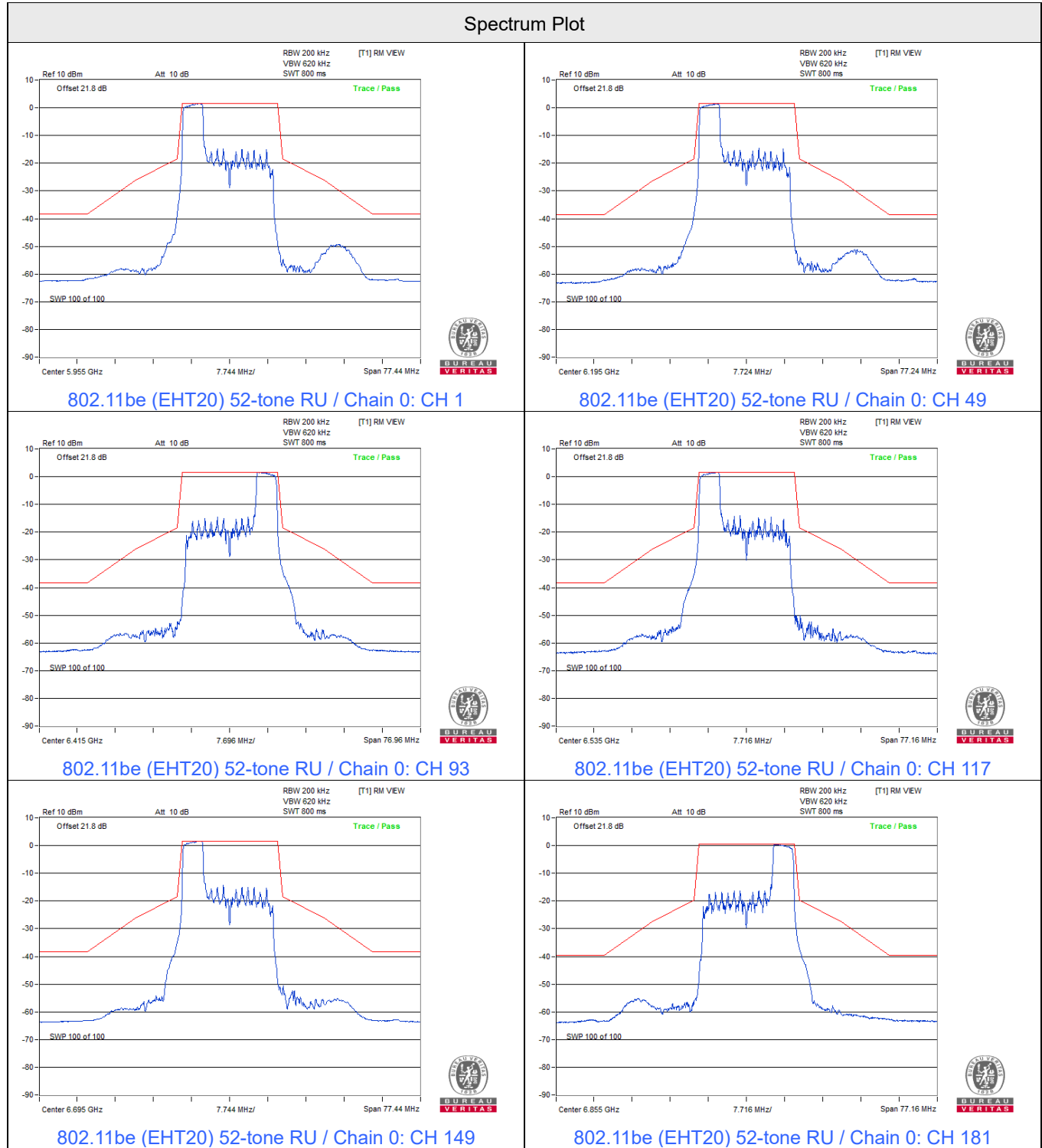


802.11be (EHT20) 26-tone RU / Chain 1: CH 149



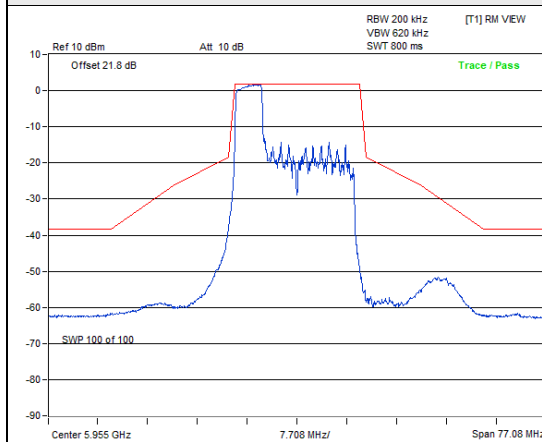
802.11be (EHT20) 26-tone RU / Chain 1: CH 181

802.11be (EHT20) 52-tone RU

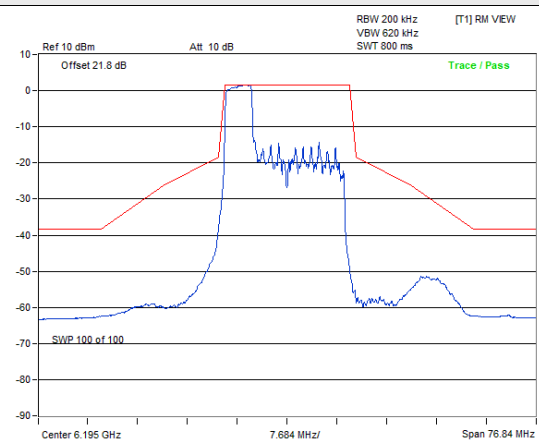




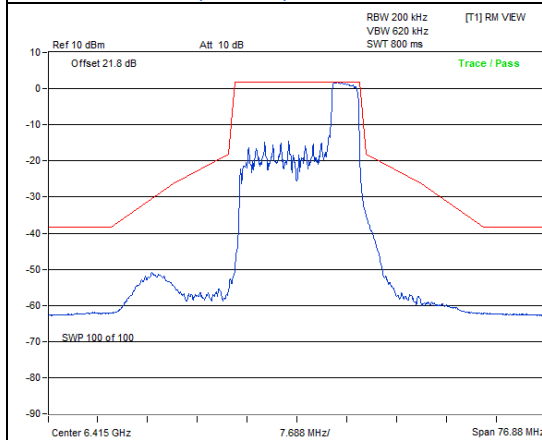
Spectrum Plot



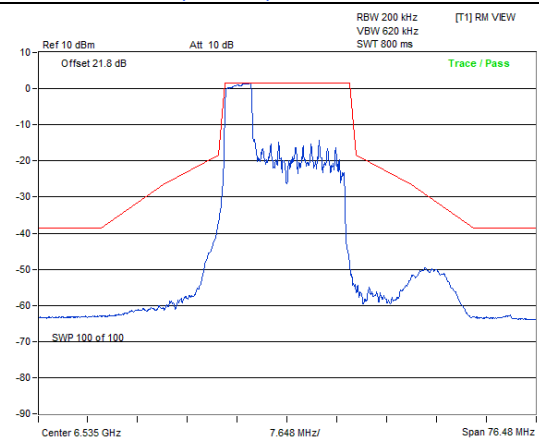
802.11be (EHT20) 52-tone RU / Chain 1: CH 1



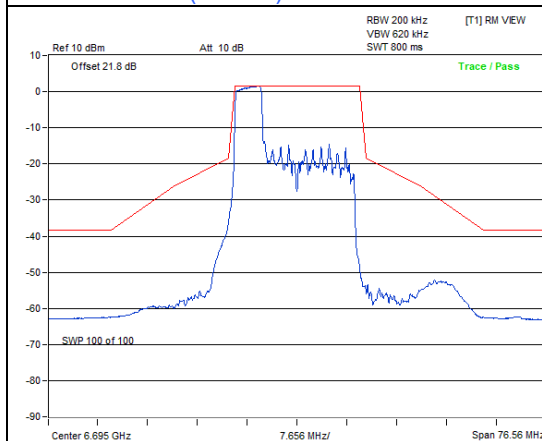
802.11be (EHT20) 52-tone RU / Chain 1: CH 49



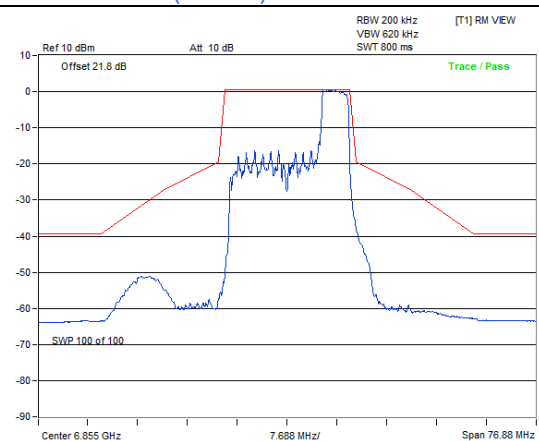
802.11be (EHT20) 52-tone RU / Chain 1: CH 93



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

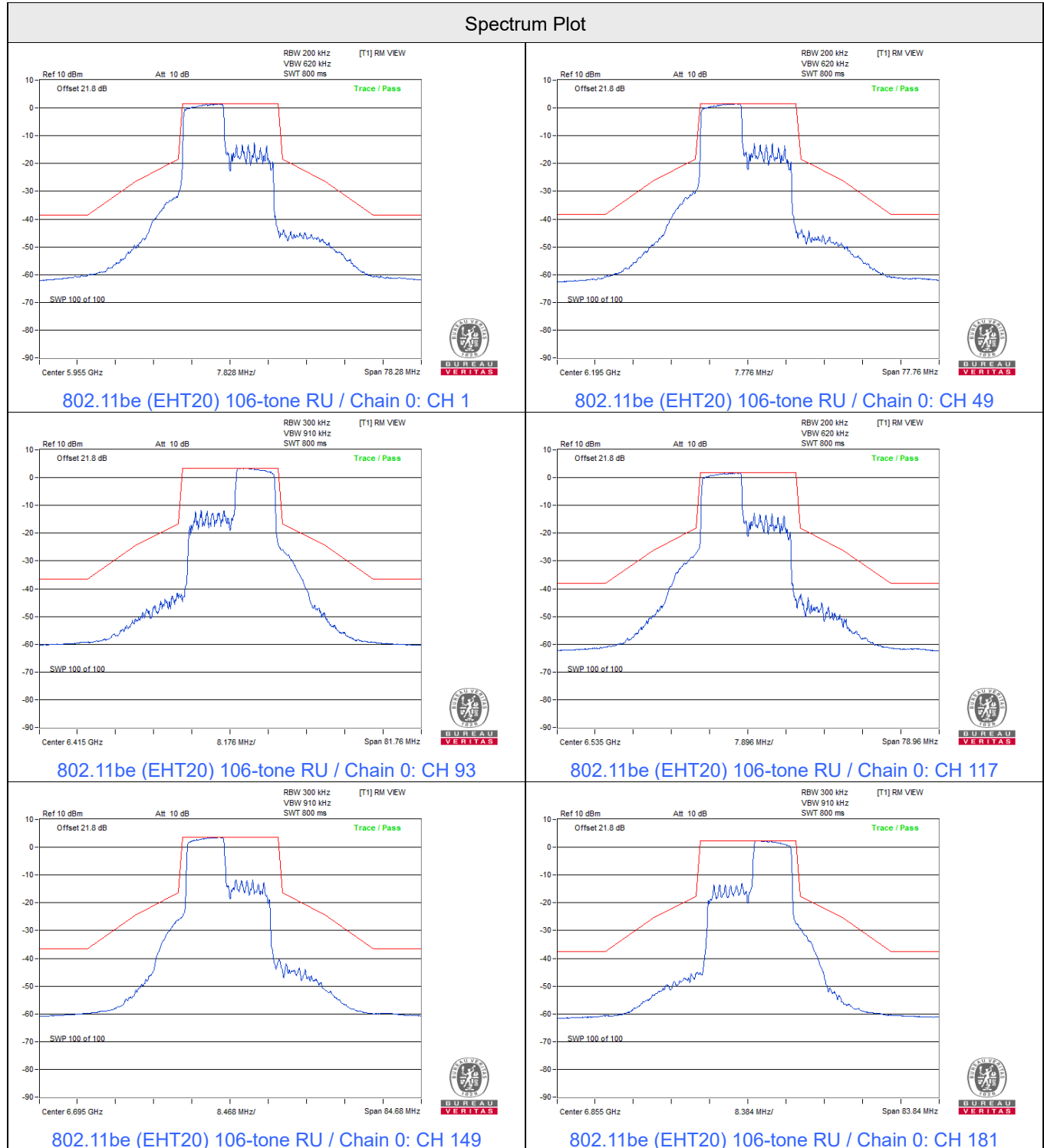


802.11be (EHT20) 52-tone RU / Chain 1: CH 149

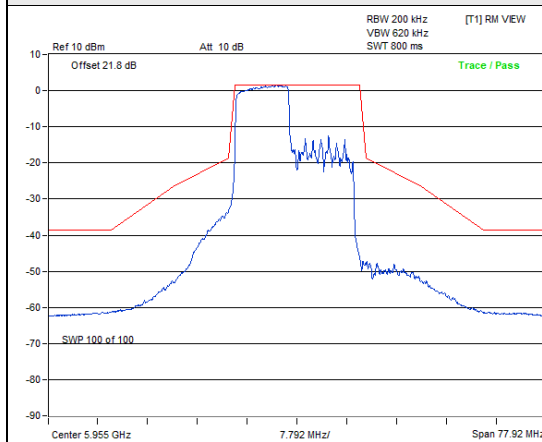


802.11be (EHT20) 52-tone RU / Chain 1: CH 181

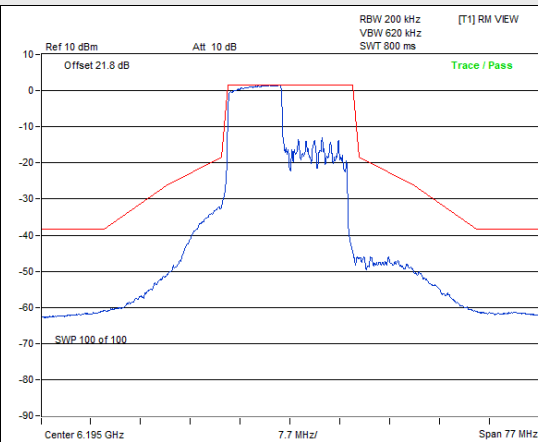
802.11be (EHT20) 106-tone RU



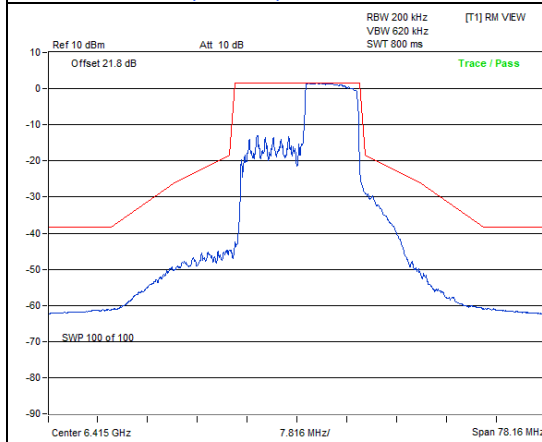
Spectrum Plot



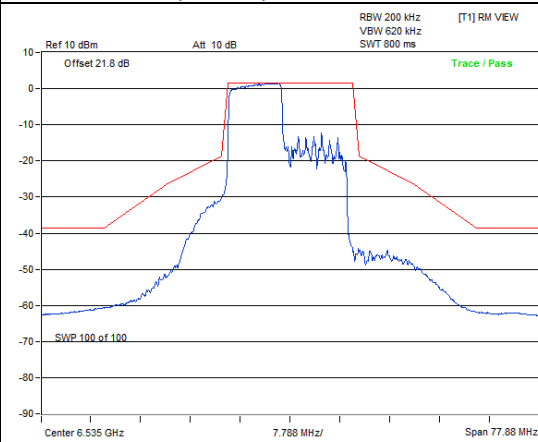
802.11be (EHT20) 106-tone RU / Chain 1: CH 1



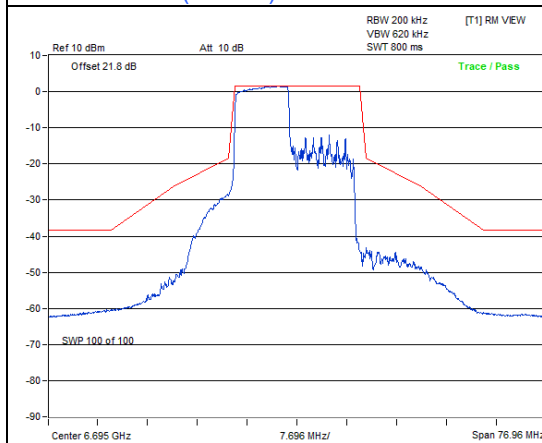
802.11be (EHT20) 106-tone RU / Chain 1: CH 49



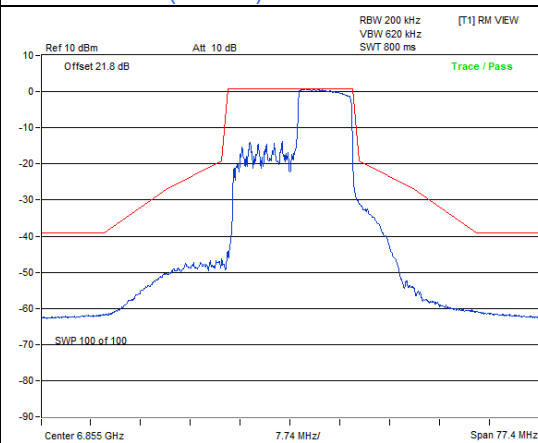
802.11be (EHT20) 106-tone RU / Chain 1: CH 93



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

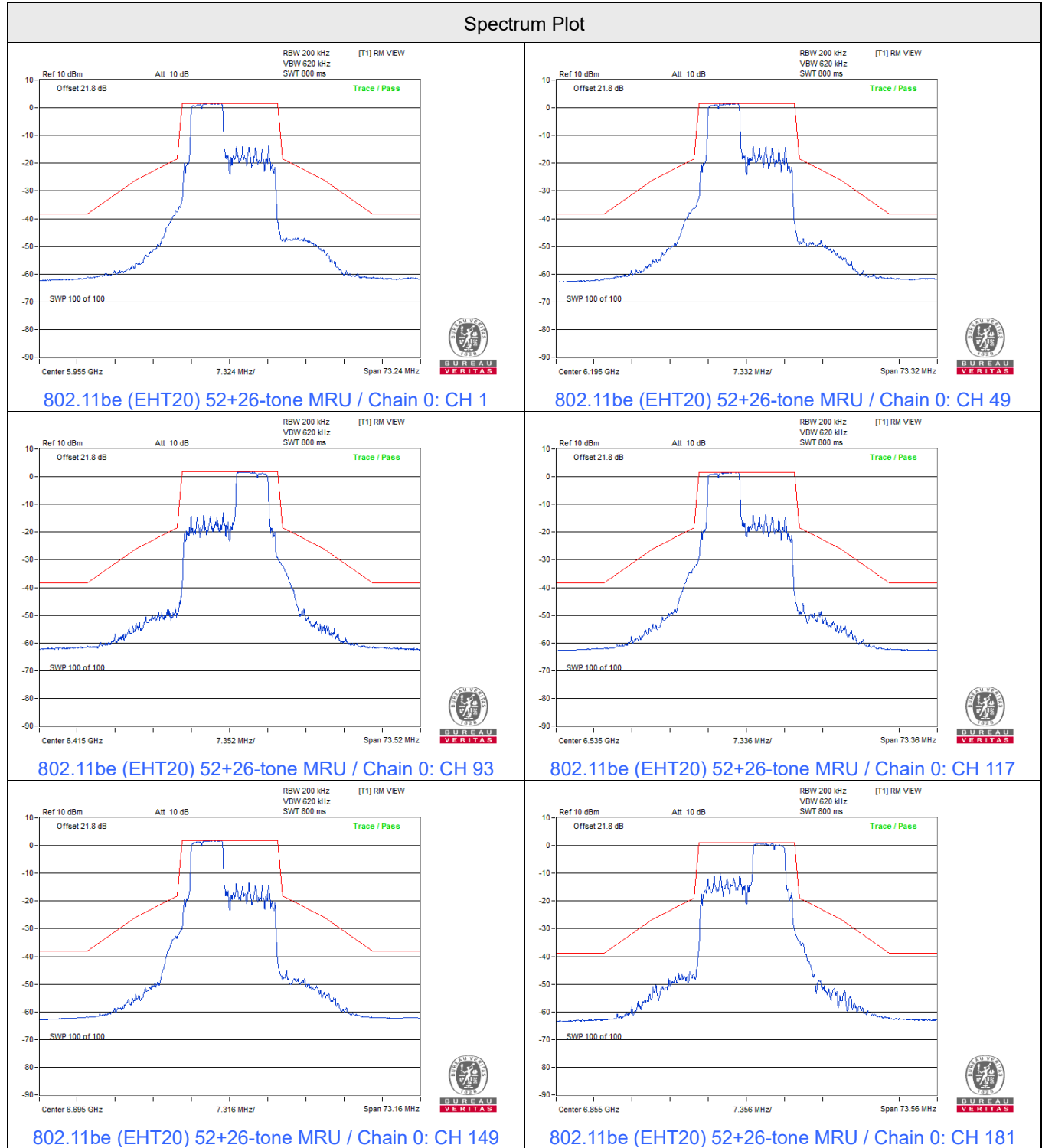


802.11be (EHT20) 106-tone RU / Chain 1: CH 149

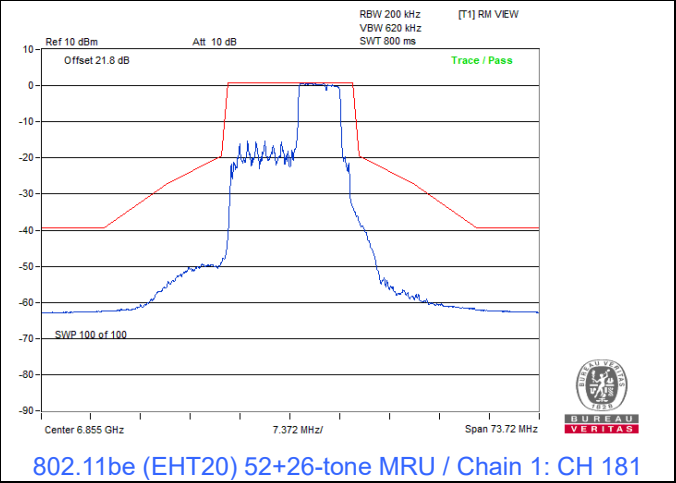
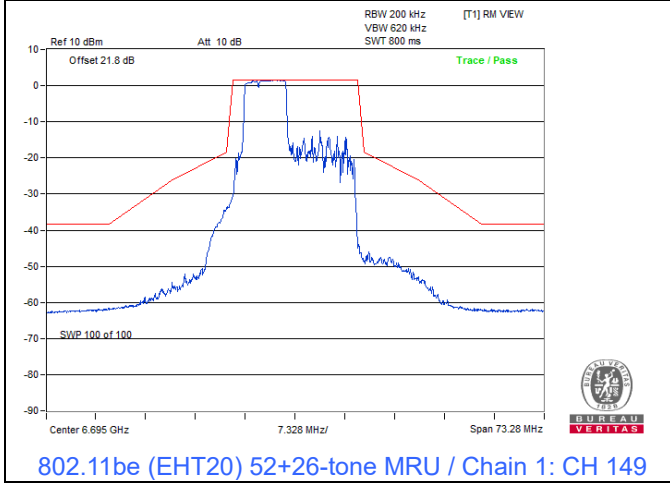
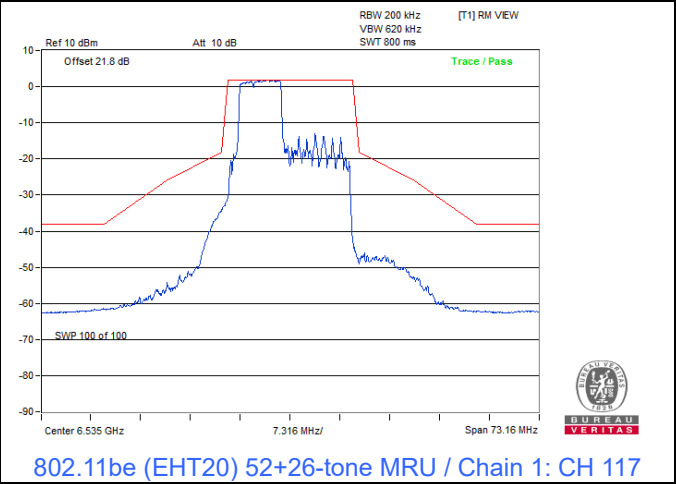
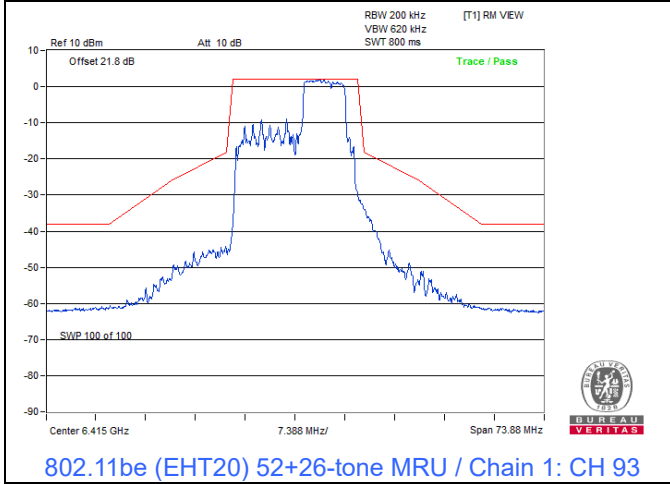
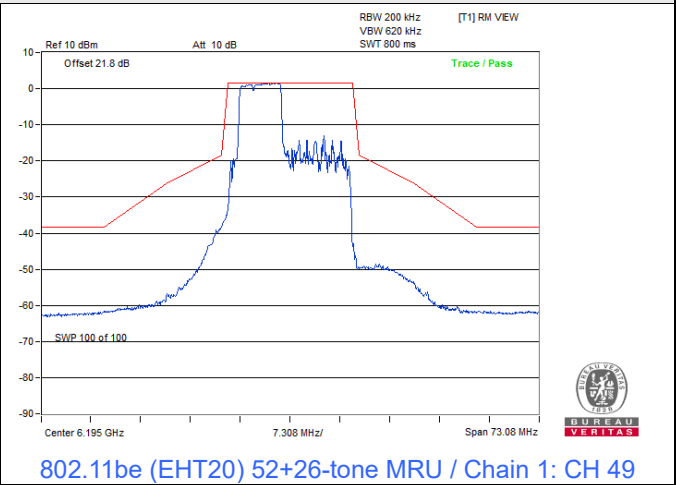
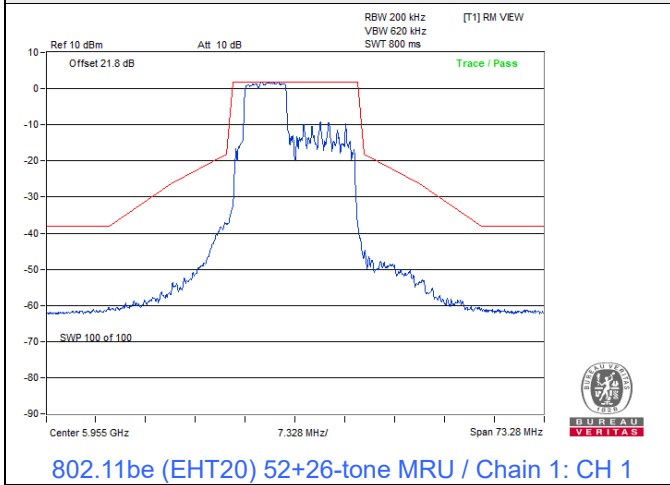


802.11be (EHT20) 106-tone RU / Chain 1: CH 181

802.11be (EHT20) 52+26-tone MRU

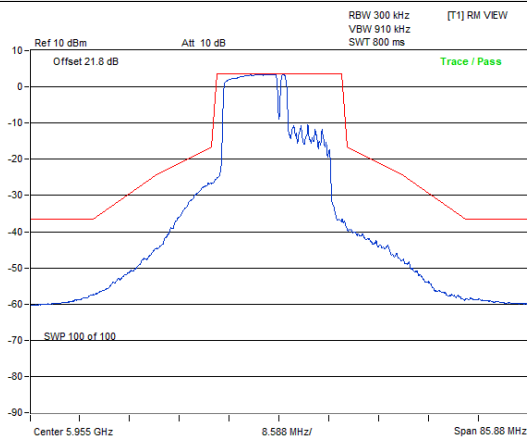


Spectrum Plot

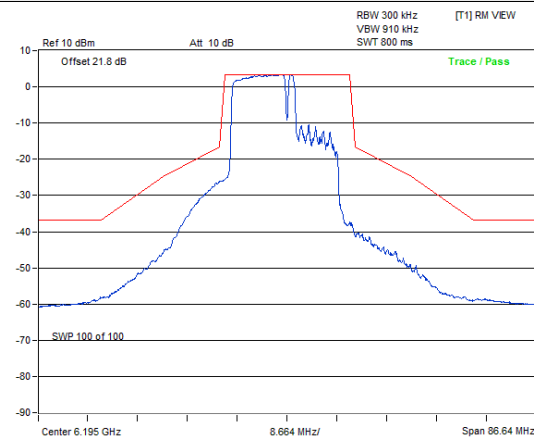


802.11be (EHT20) 106+26-tone MRU

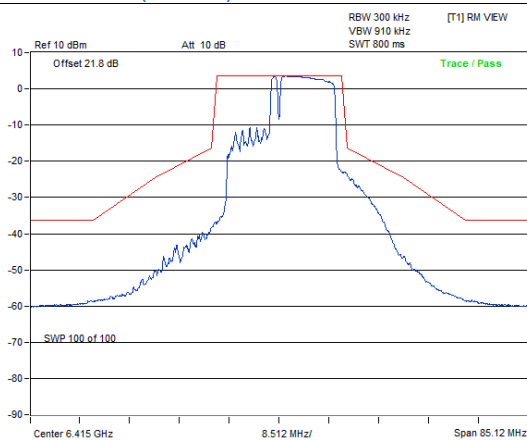
Spectrum Plot



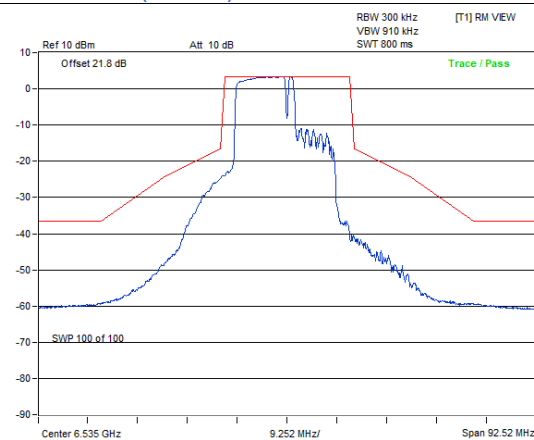
802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 1



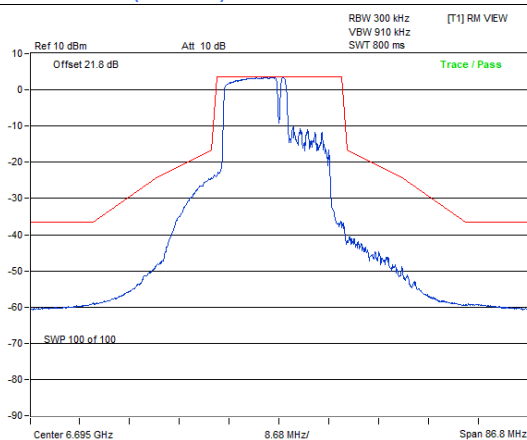
802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 49



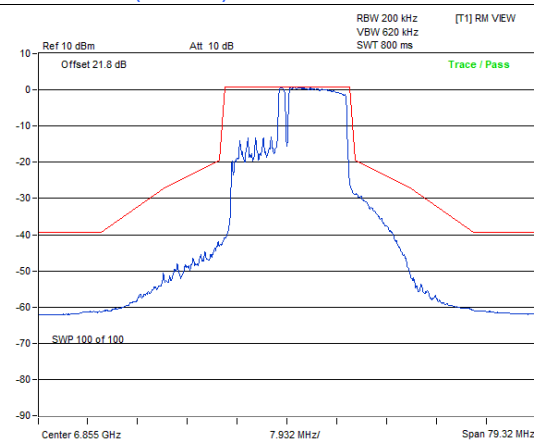
802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 93



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

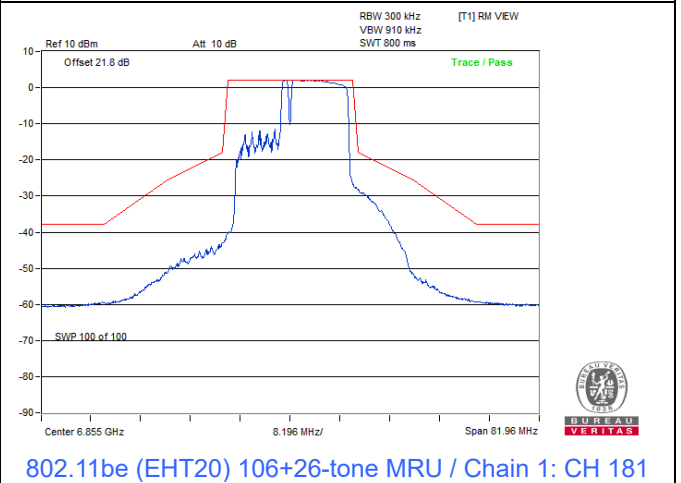
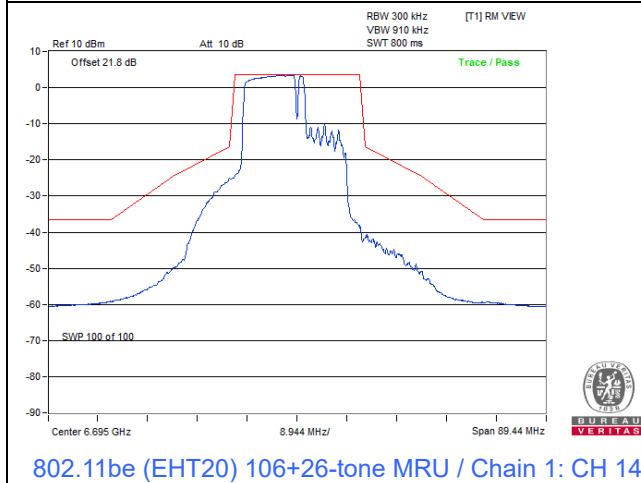
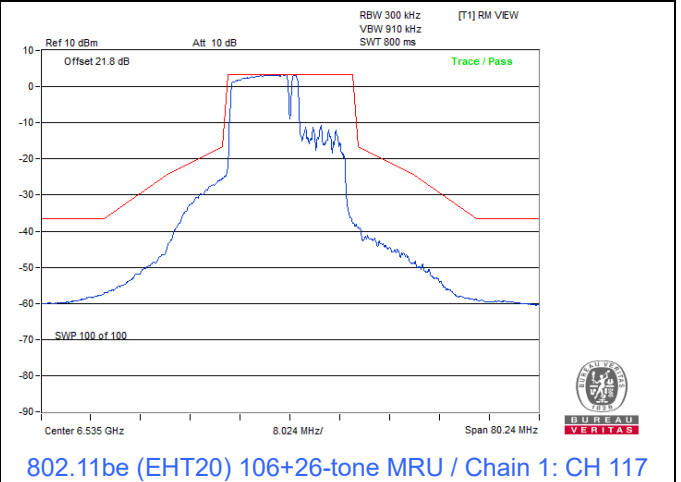
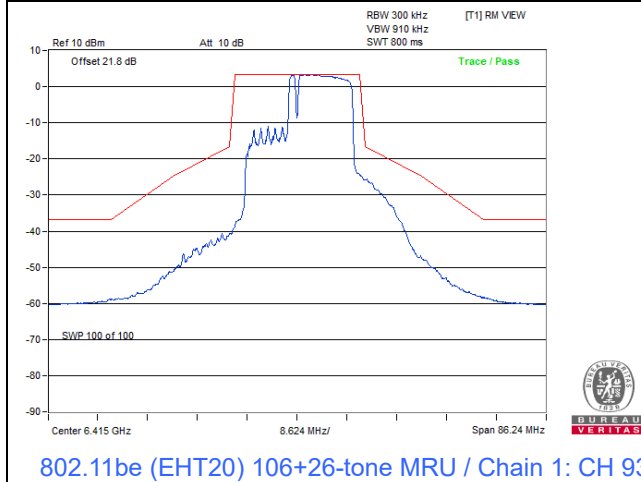
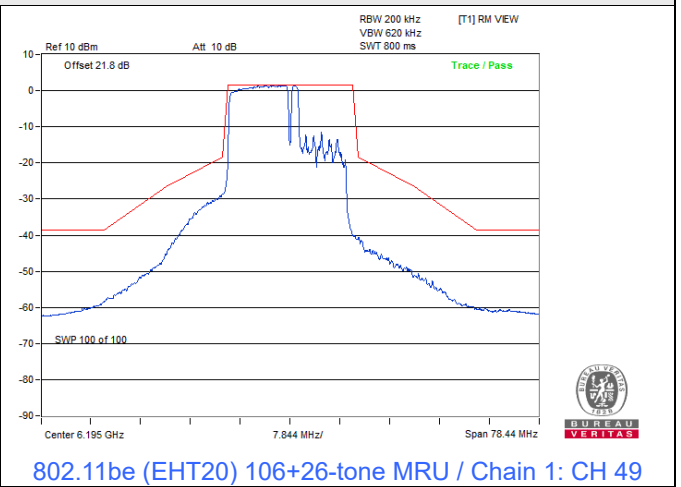
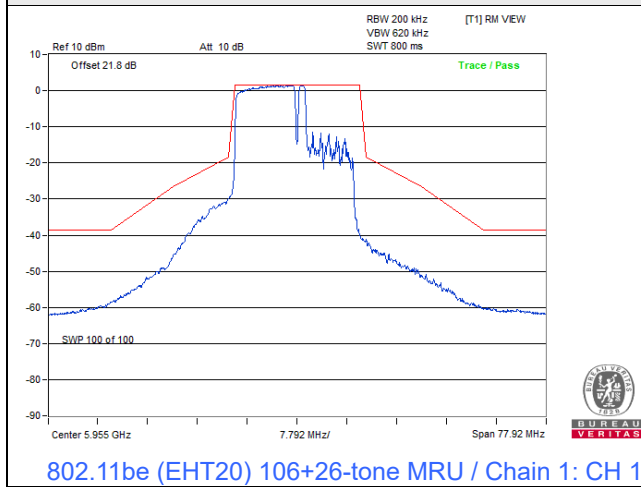


802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 149

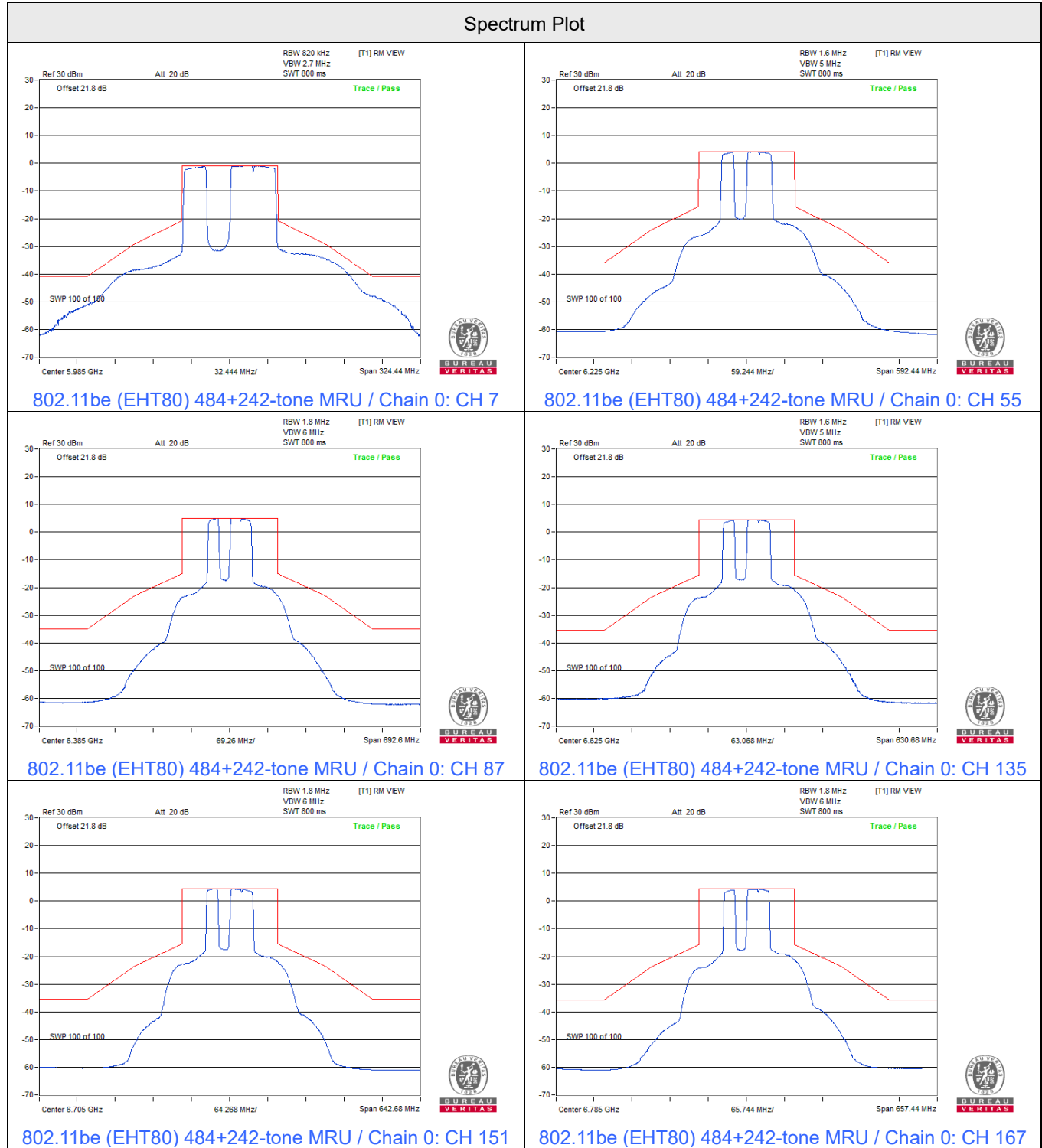


802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 181

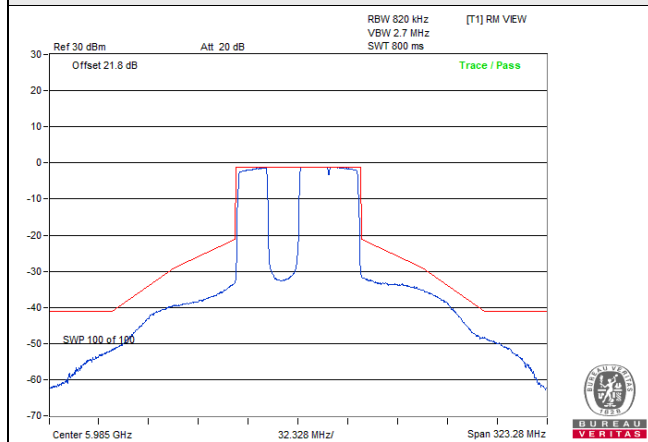
Spectrum Plot



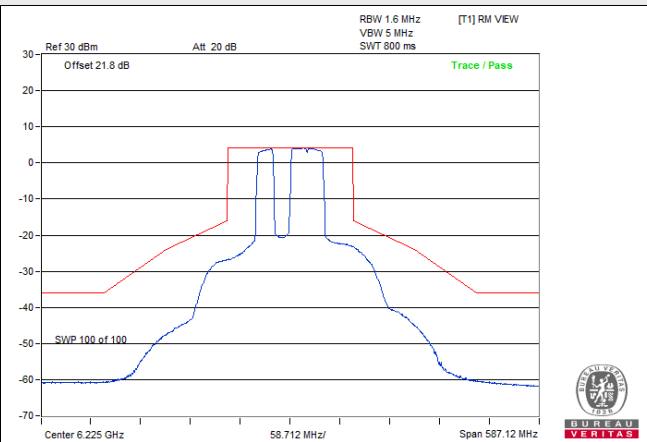
802.11be (EHT80) 484+242-tone MRU



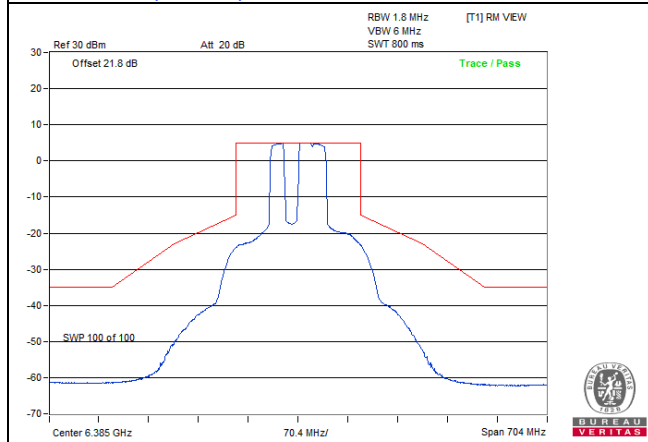
Spectrum Plot



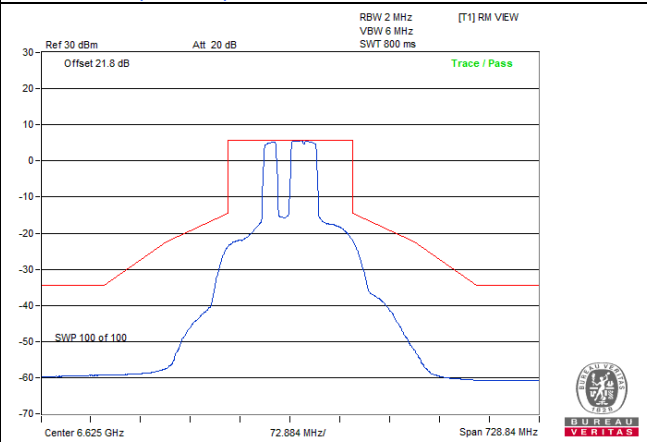
802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 7



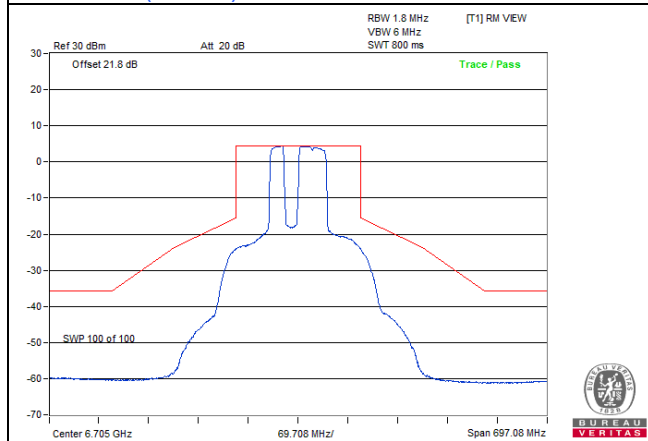
802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 55



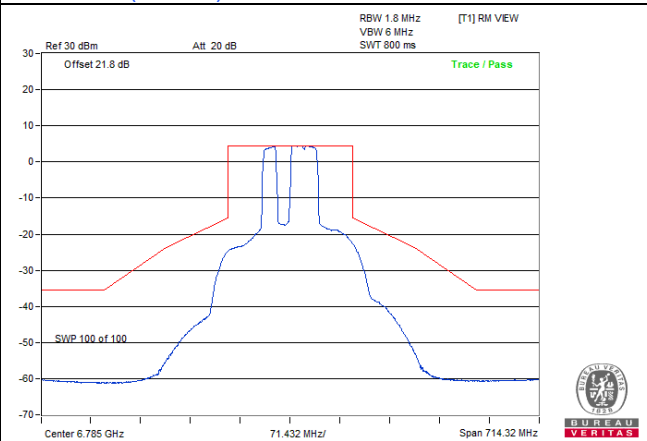
802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 87



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

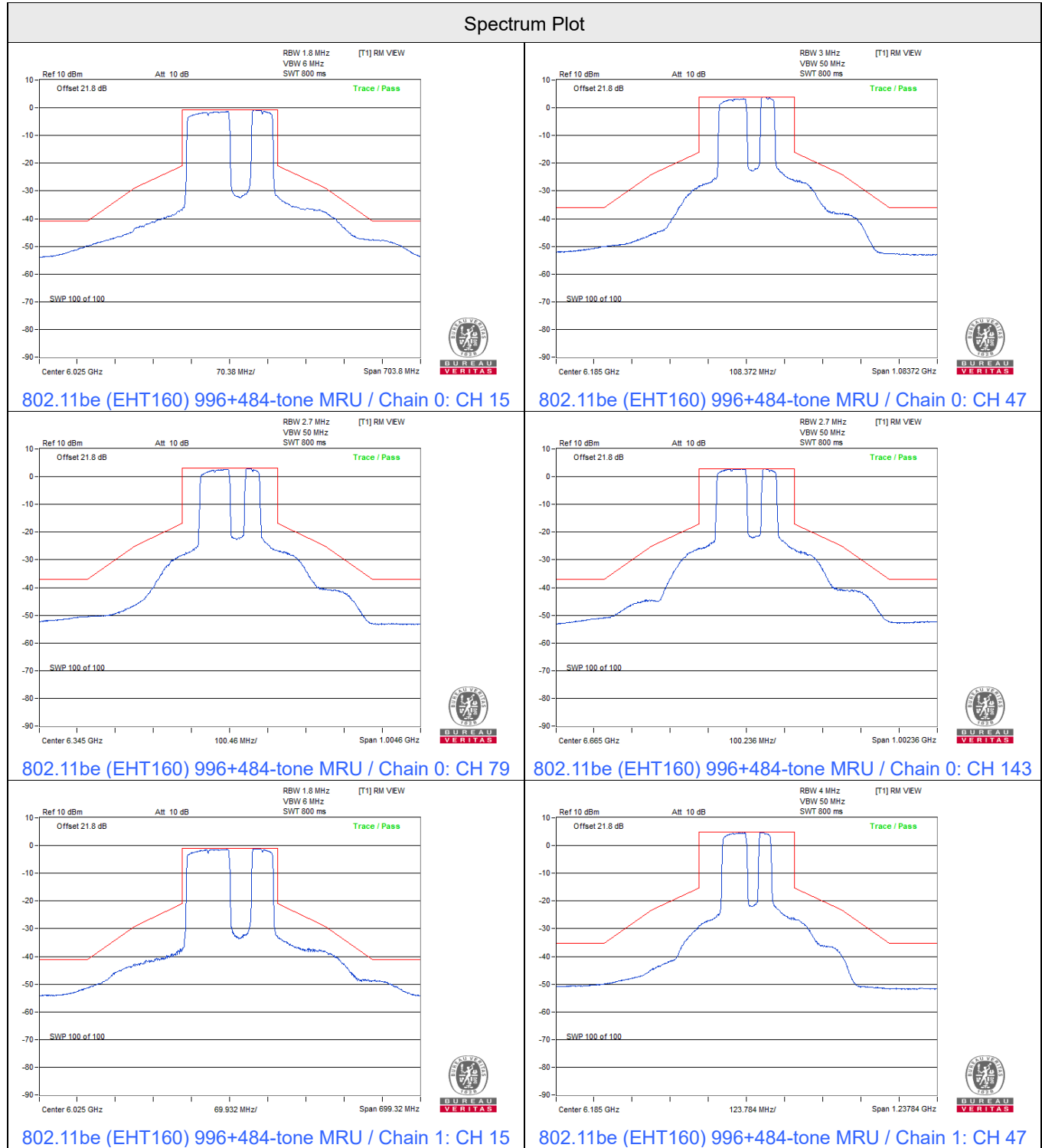


802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 151



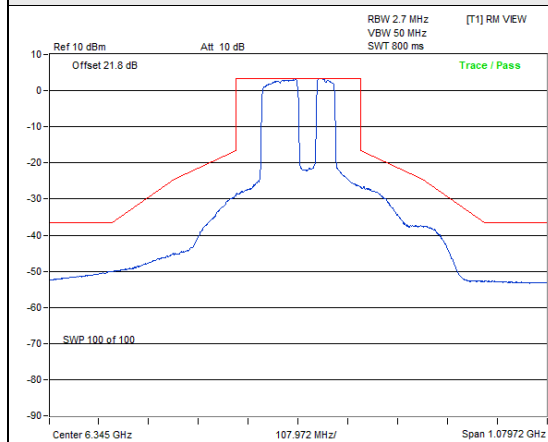
802.11be (EHT80) 484+242-tone MRU / Chain 1: CH 167

802.11be (EHT160) 996+484-tone MRU

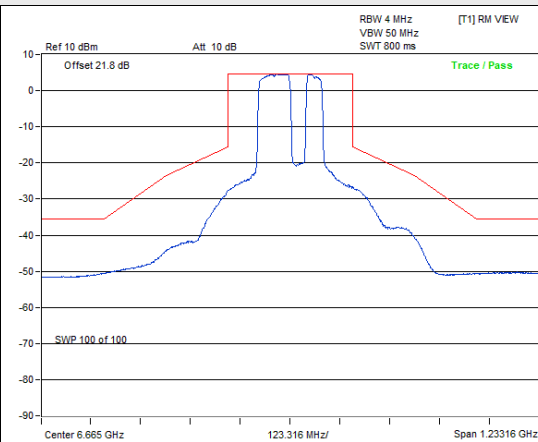




Spectrum Plot

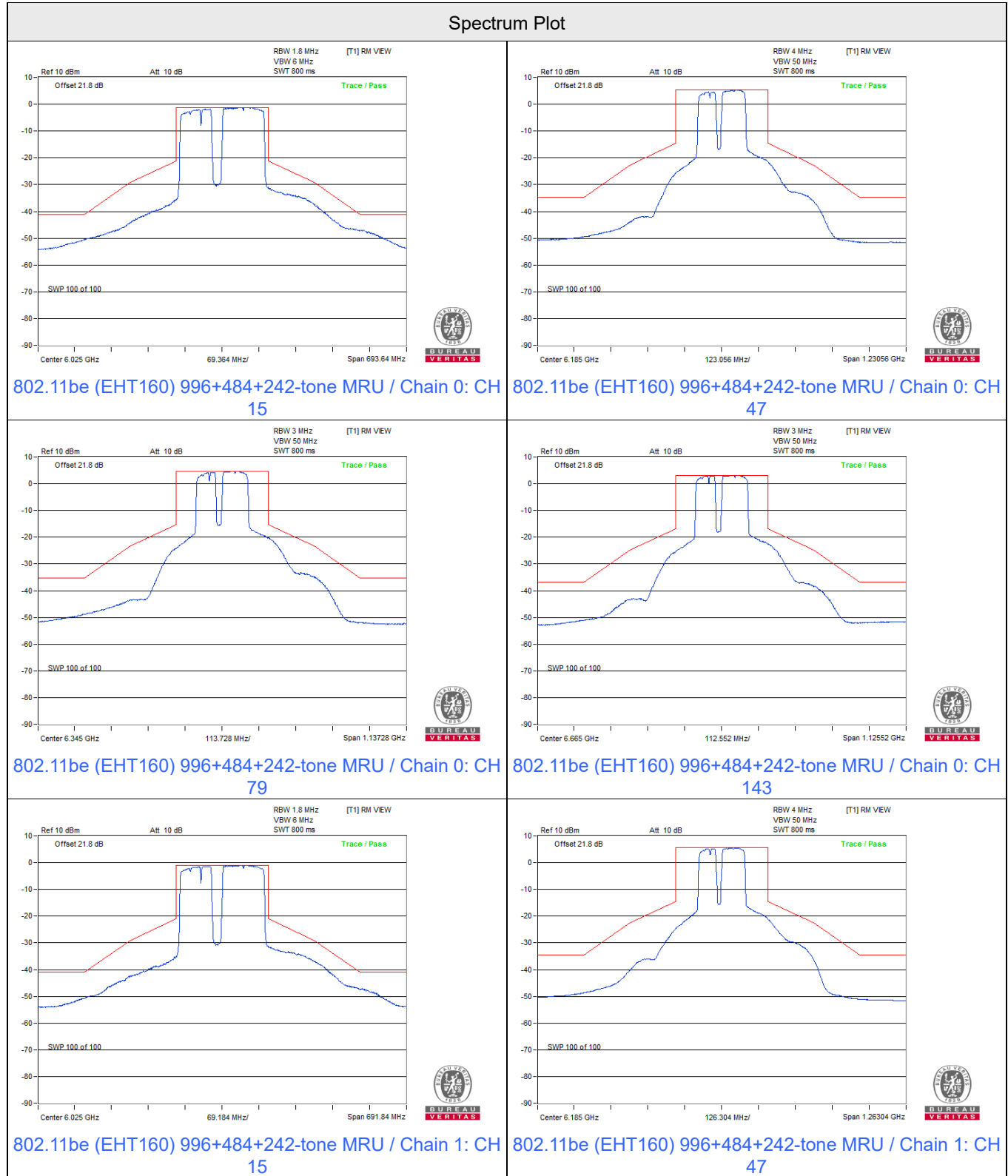


802.11be (EHT160) 996+484-tone MRU / Chain 1: CH 79

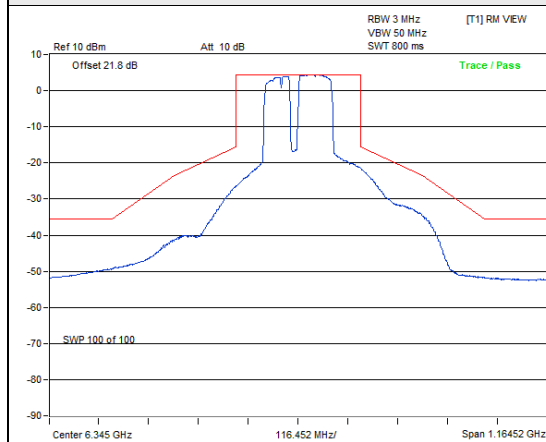


802.11be (EHT160) 996+484-tone MRU / Chain 1: CH 143

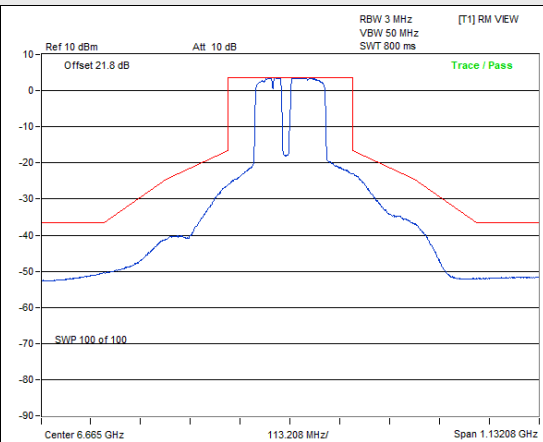
802.11be (EHT160) 996+484+242-tone MRU



Spectrum Plot



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



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

7.5 Occupied Bandwidth

Input Power:	3.3 Vdc	Environmental Conditions:	27°C, 62% RH	Tested By:	Dolly Chung
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Indoor client

1Tx

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	16.38
49	6195	16.38
93	6415	16.38
97	6435	16.44
105	6475	16.44
113	6515	16.5
117	6535	16.44
149	6695	16.38
181	6855	16.5
185	6875	16.44
209	6995	16.44
233	7115	16.44

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.9
49	6195	18.9
93	6415	18.9
97	6435	18.84
105	6475	18.9
113	6515	18.9
117	6535	18.9
149	6695	18.84
181	6855	18.96
185	6875	18.84
209	6995	18.9
233	7115	18.9

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
3	5965	37.8
51	6205	38.04
91	6405	38.04
99	6445	38.04
107	6485	37.8
115	6525	37.92
123	6565	37.92
147	6685	37.92
179	6845	38.04
187	6885	38.04
203	6965	37.92
227	7085	38.04

802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
7	5985	77.52
55	6225	77.52
87	6385	77.52
103	6465	77.28
119	6545	77.28
135	6625	77.52
151	6705	77.28
167	6785	77.52
183	6865	77.52
199	6945	77.52
215	7025	77.28

802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	156
47	6185	156
79	6345	156.48
111	6505	156.48
143	6665	156
175	6825	156.48
207	6985	156

802.11be (EHT20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.18
49	6195	18.18
93	6415	18.18
97	6435	18.12
105	6475	18.18
113	6515	18.12
117	6535	18.24
149	6695	18.18
181	6855	18.06
185	6875	18.18
209	6995	18.24
233	7115	18.06

802.11be (EHT20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.06
49	6195	18.18
93	6415	17.94
97	6435	18.18
105	6475	18.12
113	6515	18
117	6535	18.06
149	6695	18.12
181	6855	17.82
185	6875	18.06
209	6995	18.12
233	7115	17.94

802.11be (EHT20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.06
49	6195	18.06
93	6415	18
97	6435	18.12
105	6475	18.12
113	6515	18
117	6535	18
149	6695	18.06
181	6855	17.88
185	6875	17.94
209	6995	18.06
233	7115	17.94

802.11be (EHT20) 52+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	16.92
49	6195	17.1
93	6415	16.98
97	6435	17.04
105	6475	17.04
113	6515	17.1
117	6535	17.1
149	6695	16.98
181	6855	16.86
185	6875	16.98
209	6995	17.04
233	7115	16.8

802.11be (EHT20) 106+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.12
49	6195	18
93	6415	18.06
97	6435	18.06
105	6475	18
113	6515	17.94
117	6535	18.06
149	6695	18.06
181	6855	18
185	6875	18
209	6995	18.06
233	7115	18

802.11be (EHT80) 484+242-tone MRU

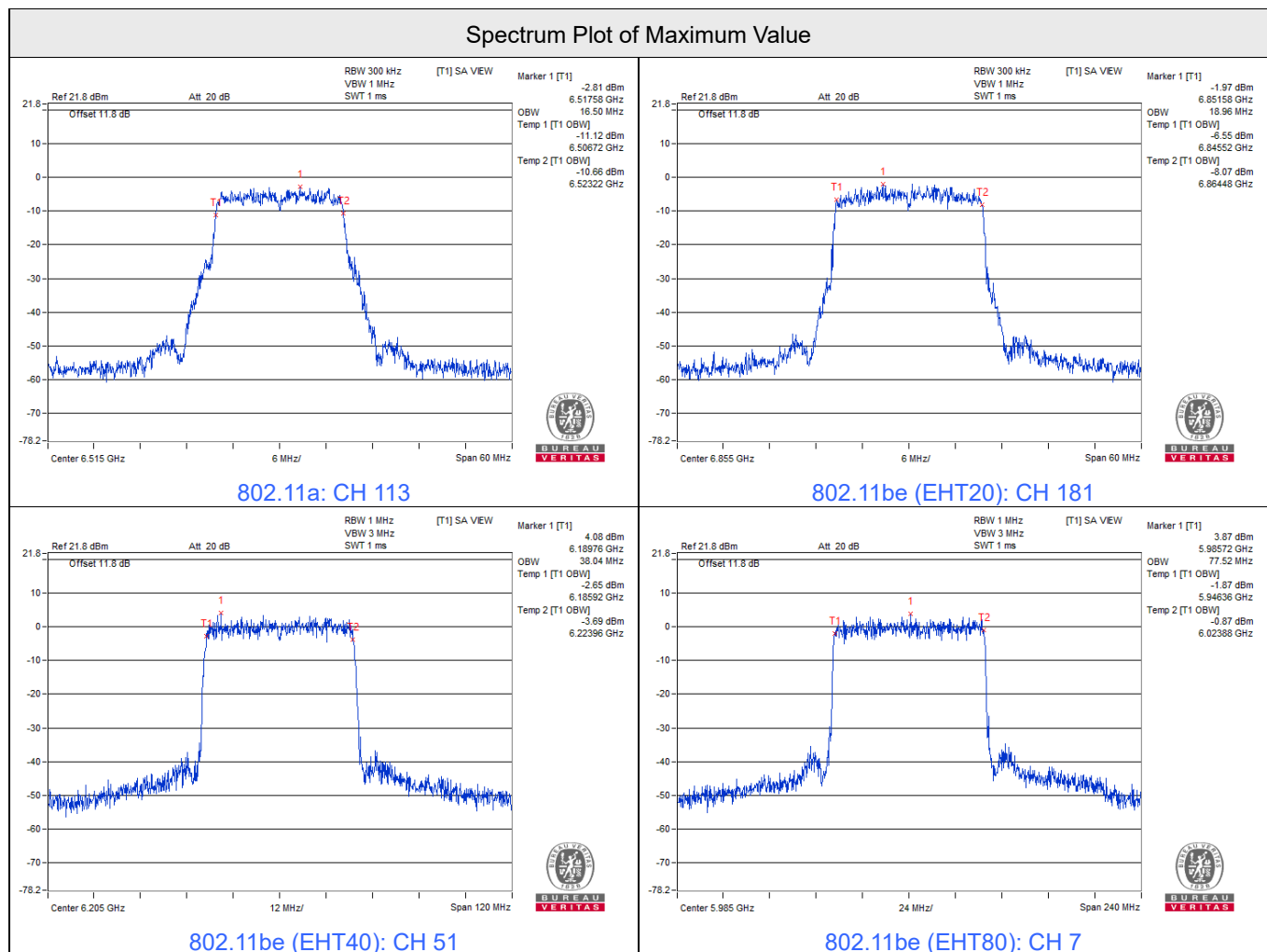
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
7	5985	77.52
55	6225	77.28
87	6385	77.52
103	6465	77.52
119	6545	77.52
135	6625	77.52
151	6705	77.52
167	6785	77.76
183	6865	77.76
199	6945	77.52
215	7025	77.52

802.11be (EHT160) 996+484-tone MRU

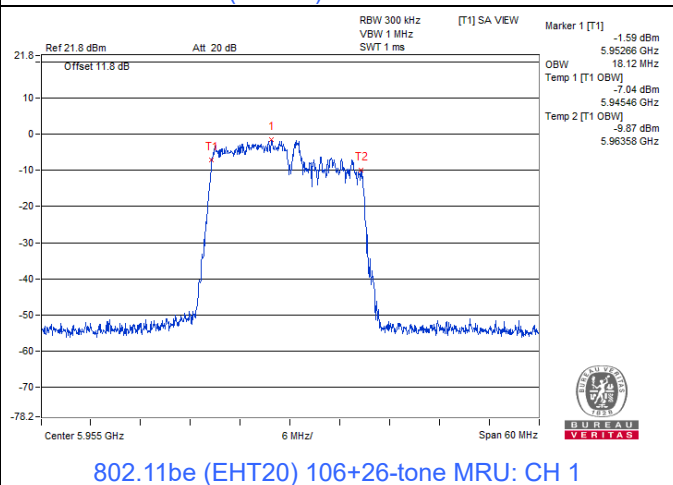
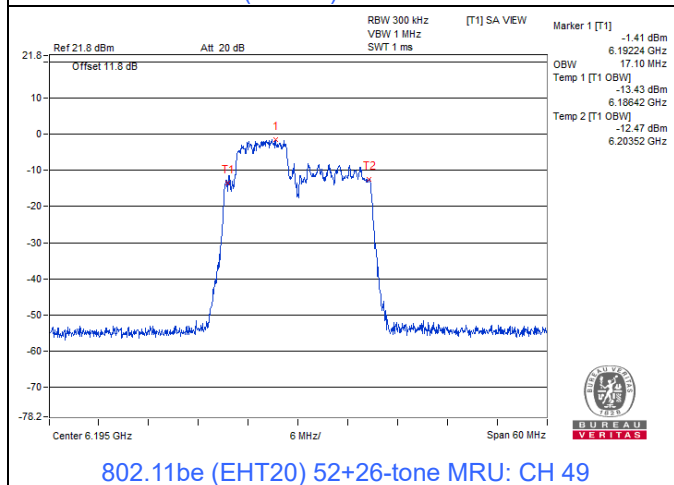
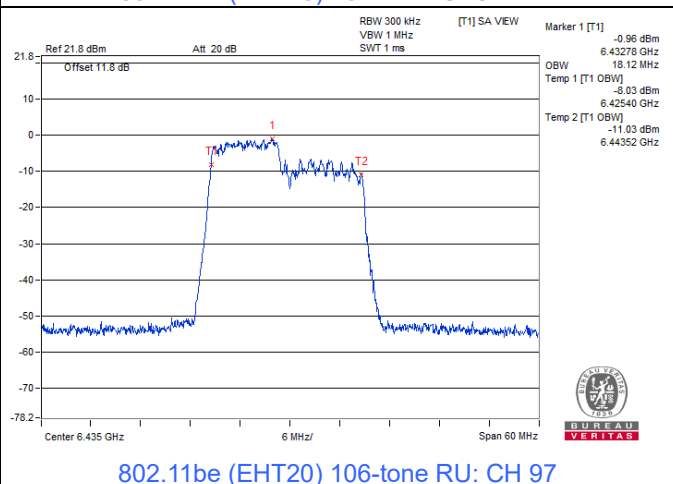
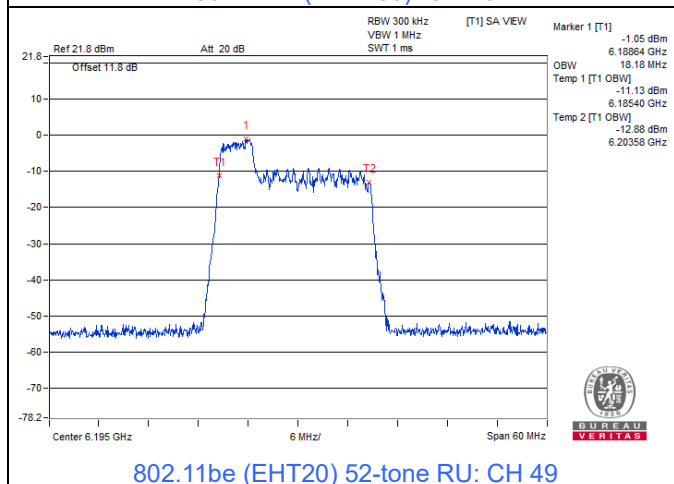
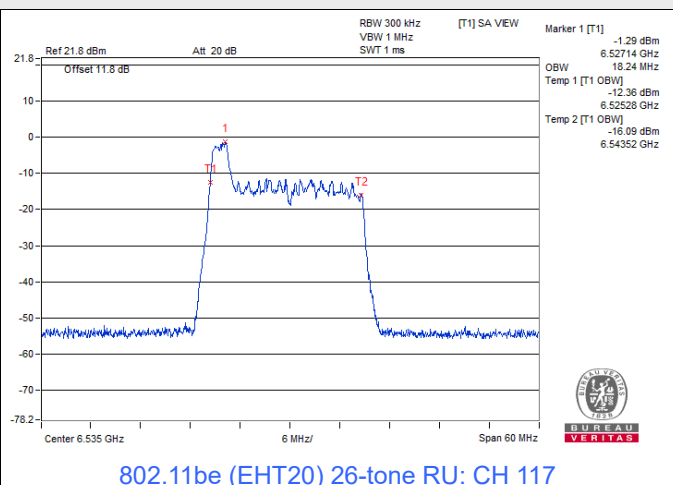
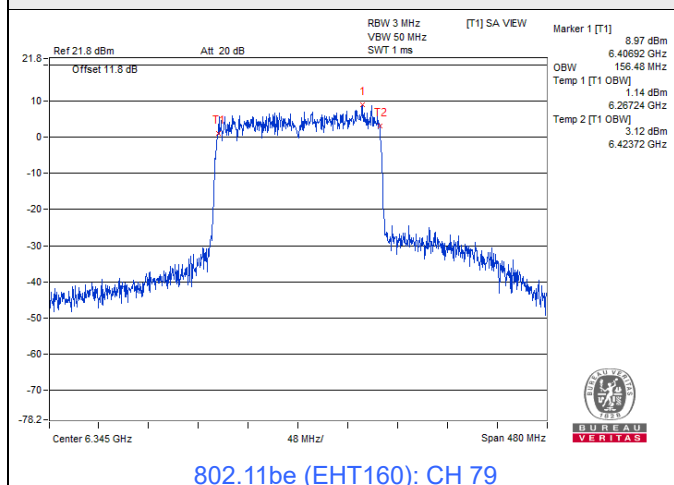
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	156.96
47	6185	156.96
79	6345	156.96
111	6505	157.44
143	6665	157.44
175	6825	157.44
207	6985	157.44

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

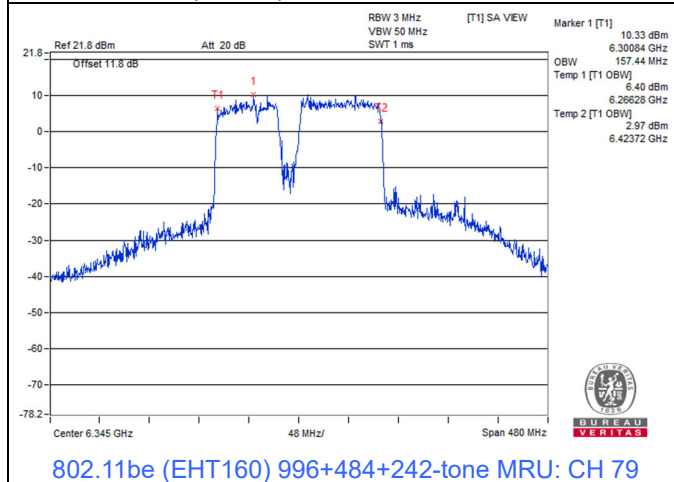
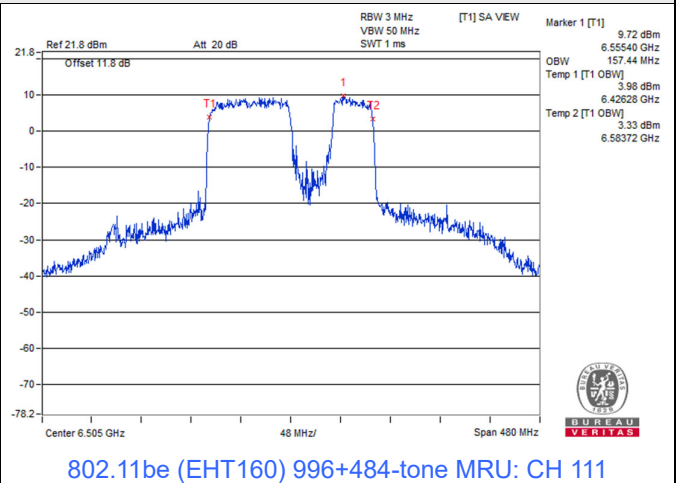
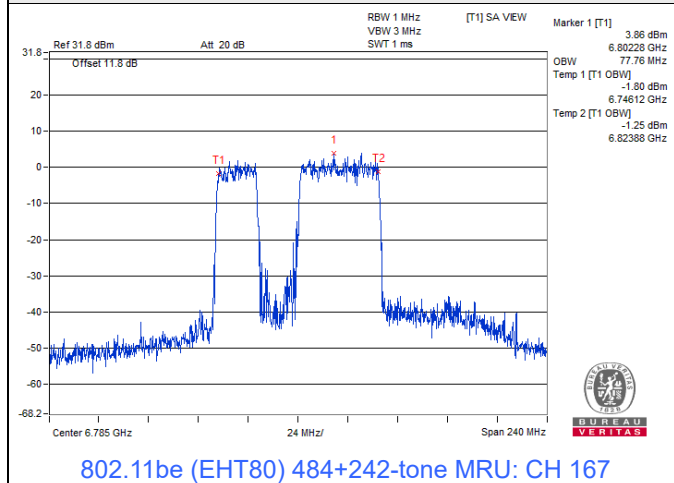
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	156.96
47	6185	156.96
79	6345	157.44
111	6505	156.96
143	6665	156.96
175	6825	156.48
207	6985	156.96



Spectrum Plot of Maximum Value



Spectrum Plot of Maximum Value



Input Power:	3.3 Vdc	Environmental Conditions:	27°C, 62% RH	Tested By:	Dolly Chung
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Indoor client

2Tx

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	16.44	16.38
49	6195	16.38	16.44
93	6415	16.38	16.44
97	6435	16.44	16.44
105	6475	16.44	16.44
113	6515	16.44	16.44
117	6535	16.38	16.44
149	6695	16.38	16.44
181	6855	16.44	16.44
185	6875	16.38	16.44
209	6995	16.44	16.44
233	7115	16.44	16.44

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.96	18.84
49	6195	18.96	18.90
93	6415	18.90	18.84
97	6435	18.90	18.90
105	6475	18.84	18.90
113	6515	18.90	18.96
117	6535	18.90	18.96
149	6695	18.90	18.84
181	6855	18.90	18.90
185	6875	18.90	18.96
209	6995	18.84	18.90
233	7115	18.84	18.90

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
3	5965	37.92	38.04
51	6205	38.16	38.04
91	6405	38.04	37.92
99	6445	38.04	37.80
107	6485	38.04	37.92
115	6525	37.80	38.04
123	6565	37.80	38.04
147	6685	37.92	37.80
179	6845	37.92	37.92
187	6885	37.92	38.04
203	6965	38.04	37.80
227	7085	38.04	37.92

802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	77.52	77.28
55	6225	77.52	77.28
87	6385	77.28	77.76
103	6465	77.52	77.28
119	6545	77.04	77.52
135	6625	77.28	77.52
151	6705	77.52	77.04
167	6785	77.28	77.28
183	6865	77.52	77.52
199	6945	77.52	77.52
215	7025	77.28	77.28

802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	156.96	156.48
47	6185	155.52	156.48
79	6345	156.48	156.00
111	6505	156.00	156.48
143	6665	156.00	156.48
175	6825	156.48	156.00
207	6985	156.00	156.00

802.11be (EHT20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.18	18.12
49	6195	18.12	18.18
93	6415	18.12	18.06
97	6435	18.24	18.12
105	6475	18.18	18.12
113	6515	18.12	18.06
117	6535	18.06	18.12
149	6695	18.18	18.18
181	6855	18.12	18.06
185	6875	18.24	18.18
209	6995	18.24	18.18
233	7115	18.18	18.00

802.11be (EHT20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.12	18.06
49	6195	18.06	18.06
93	6415	18.06	18.00
97	6435	18.06	18.06
105	6475	18.18	18.06
113	6515	18.00	17.94
117	6535	18.00	18.00
149	6695	18.12	18.06
181	6855	18.06	17.94
185	6875	18.06	18.00
209	6995	18.00	18.00
233	7115	18.06	18.00

802.11be (EHT20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.06	18.00
49	6195	18.06	18.06
93	6415	18.00	18.00
97	6435	18.06	18.06
105	6475	18.00	18.00
113	6515	18.12	18.00
117	6535	18.00	18.00
149	6695	18.06	17.94
181	6855	18.00	17.94
185	6875	18.06	18.00
209	6995	18.06	18.00
233	7115	18.06	17.94

802.11be (EHT20) 52+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	17.04	16.98
49	6195	16.98	16.98
93	6415	16.92	16.74
97	6435	16.86	16.80
105	6475	16.98	16.80
113	6515	16.92	16.62
117	6535	16.92	16.86
149	6695	16.98	16.68
181	6855	16.86	16.98
185	6875	16.92	16.80
209	6995	16.86	16.80
233	7115	16.86	16.80

802.11be (EHT20) 106+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.06	18.00
49	6195	18.06	17.94
93	6415	17.94	17.88
97	6435	18.06	18.06
105	6475	18.06	18.06
113	6515	17.94	17.88
117	6535	18.06	17.94
149	6695	18.06	17.94
181	6855	17.94	17.82
185	6875	18.06	18.00
209	6995	18.06	18.06
233	7115	17.94	17.88

802.11be (EHT80) 484+242-tone MRU

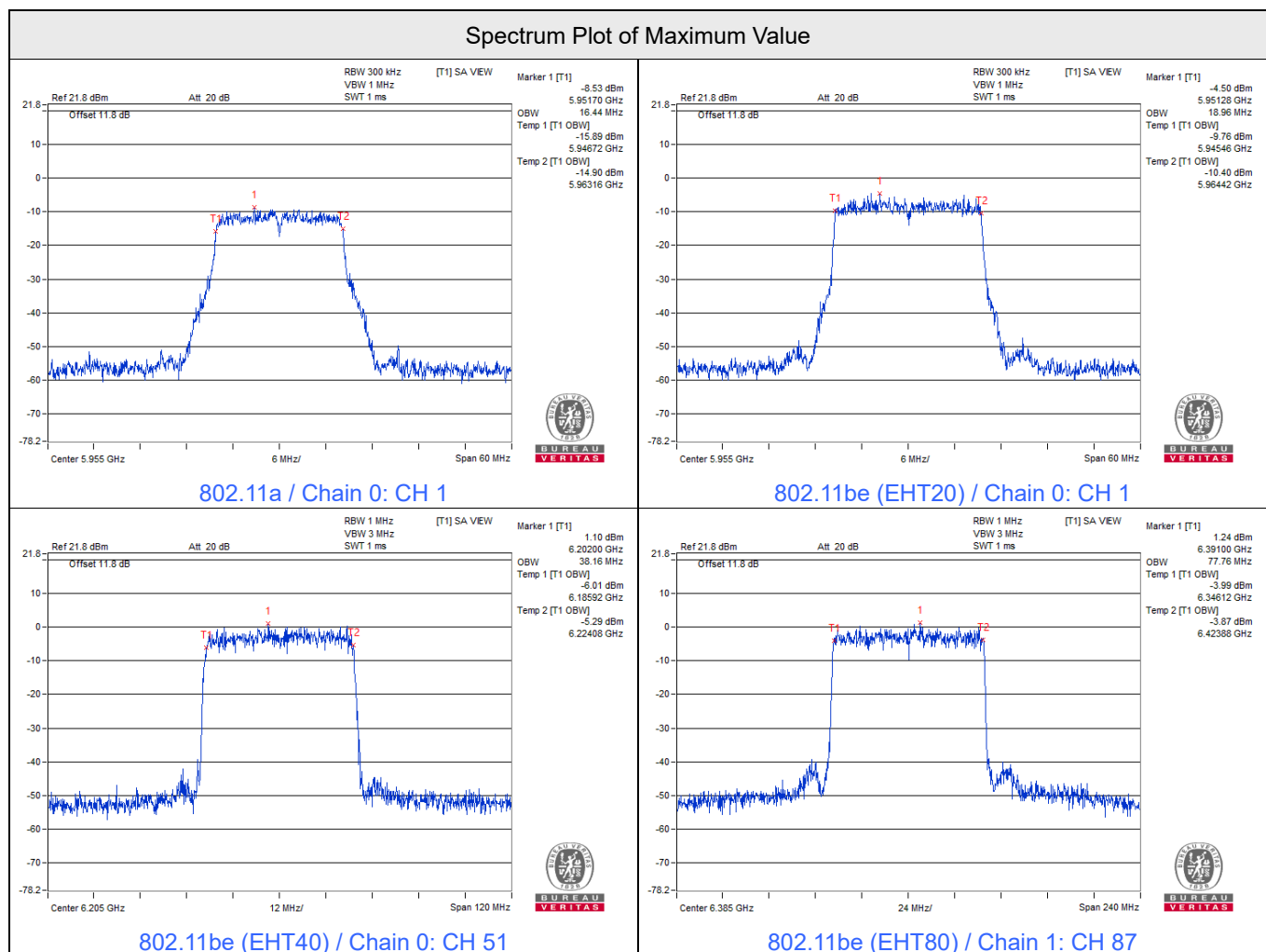
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	77.76	77.52
55	6225	77.76	77.76
87	6385	78.00	77.76
103	6465	77.76	77.76
119	6545	77.52	77.52
135	6625	77.52	77.28
151	6705	77.52	77.52
167	6785	77.76	77.76
183	6865	77.52	77.28
199	6945	77.28	77.76
215	7025	77.76	77.52

802.11be (EHT160) 996+484-tone MRU

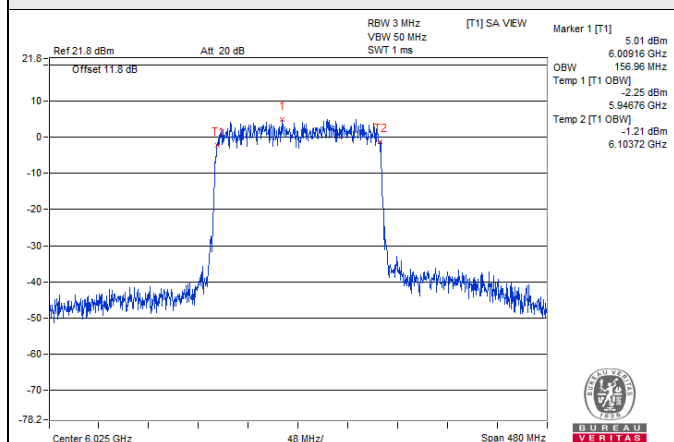
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	157.44	157.44
47	6185	156.96	156.96
79	6345	156.96	156.48
111	6505	156.96	157.44
143	6665	156.96	157.44
175	6825	157.44	157.44
207	6985	157.44	156.96

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

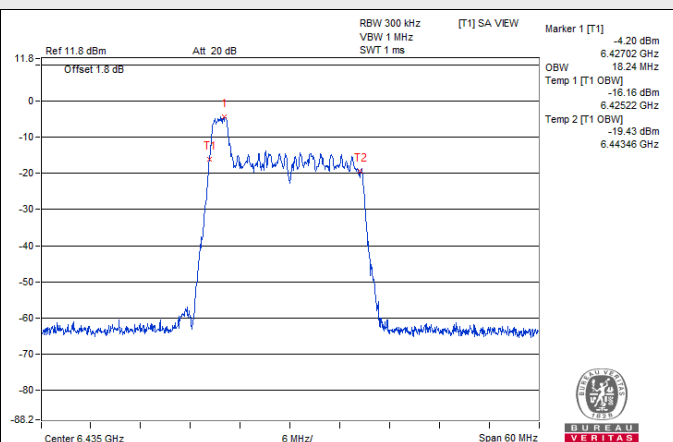
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	156.96	156.00
47	6185	156.48	156.48
79	6345	156.96	156.00
111	6505	156.96	156.96
143	6665	156.96	156.48
175	6825	156.48	156.48
207	6985	156.48	156.48



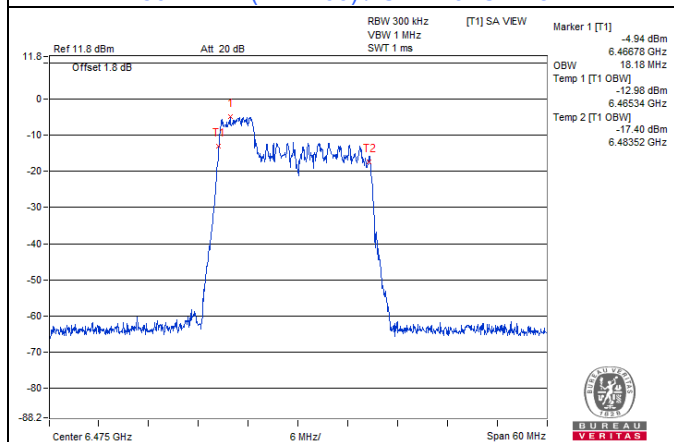
Spectrum Plot of Maximum Value



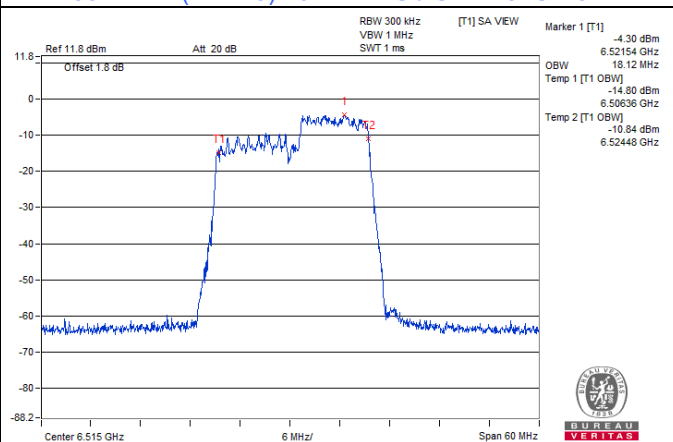
802.11be (EHT160) / Chain 0: CH 15



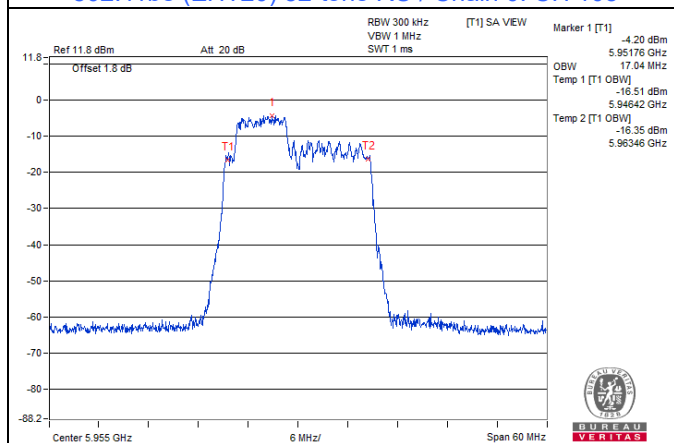
802.11be (EHT20) 26-tone RU / Chain 0: CH 97



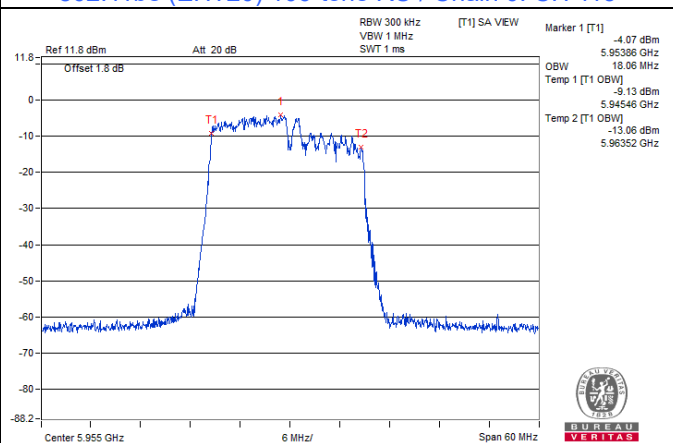
802.11be (EHT20) 52-tone RU / Chain 0: CH 105



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

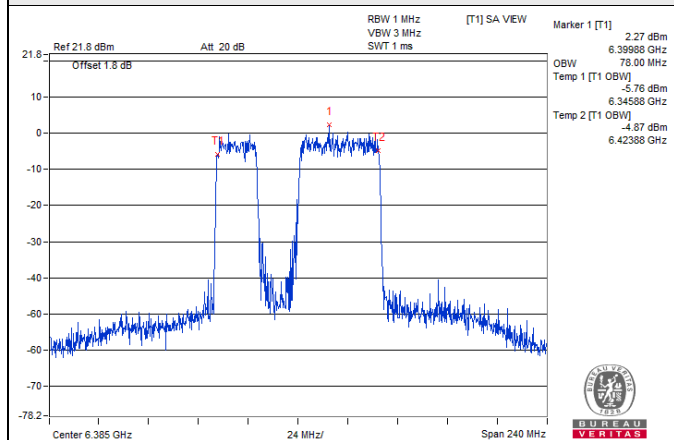


802.11be (EHT20) 52+26-tone MRU / Chain 0: CH 1

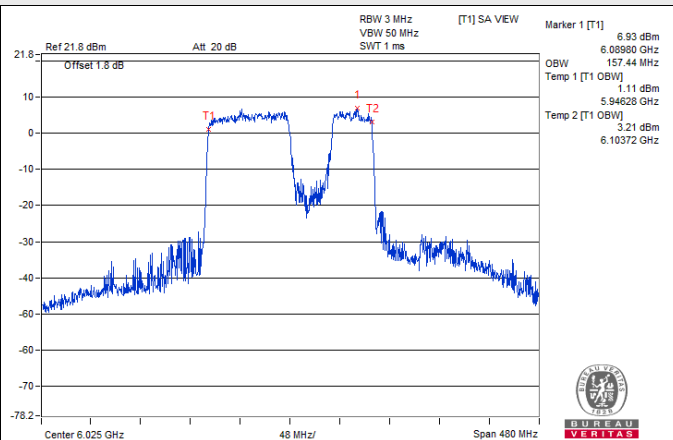


802.11be (EHT20) 106+26-tone MRU / Chain 0: CH 1

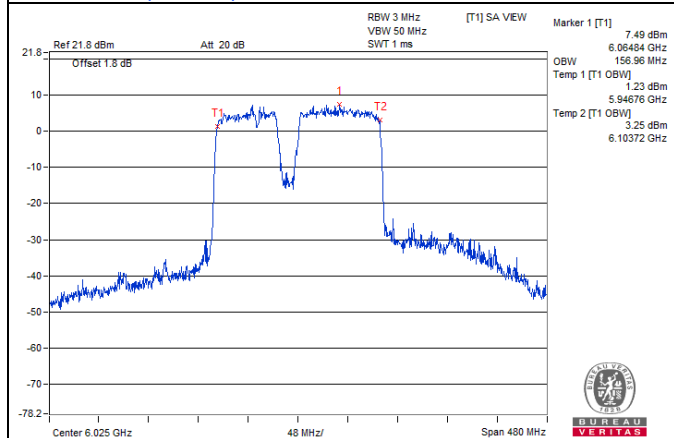
Spectrum Plot of Maximum Value



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



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



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

Input Power:	3.3 Vdc	Environmental Conditions:	27°C, 62% RH	Tested By:	Kevin Ko
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Standard client

1Tx

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	19.5
49	6195	19.8
93	6415	18
117	6535	19.5
149	6695	19.56
181	6855	18.3

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	19.32
49	6195	19.26
93	6415	19.26
117	6535	19.56
149	6695	19.38
181	6855	19.38

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
3	5965	38.16
51	6205	38.64
91	6405	39.12
123	6565	39.24
147	6685	39.84
179	6845	39.84

802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
7	5985	77.28
55	6225	78.48
87	6385	78.48
135	6625	79.2
151	6705	79.44
167	6785	79.44

802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	156.96
47	6185	158.88
79	6345	159.36
143	6665	159.36

802.11be (EHT20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.24
49	6195	18.24
93	6415	18.06
117	6535	18.18
149	6695	18.12
181	6855	18.18

802.11be (EHT20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.12
49	6195	18.12
93	6415	17.94
117	6535	18.12
149	6695	18.06
181	6855	17.94

802.11be (EHT20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.06
49	6195	18.12
93	6415	18.12
117	6535	18.06
149	6695	18
181	6855	18.06

802.11be (EHT20) 52+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	17.04
49	6195	17.04
93	6415	17.04
117	6535	17.04
149	6695	17.04
181	6855	17.04

802.11be (EHT20) 106+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
1	5955	18.12
49	6195	18.12
93	6415	18.12
117	6535	18.06
149	6695	18.06
181	6855	18.18

802.11be (EHT80) 484+242-tone MRU

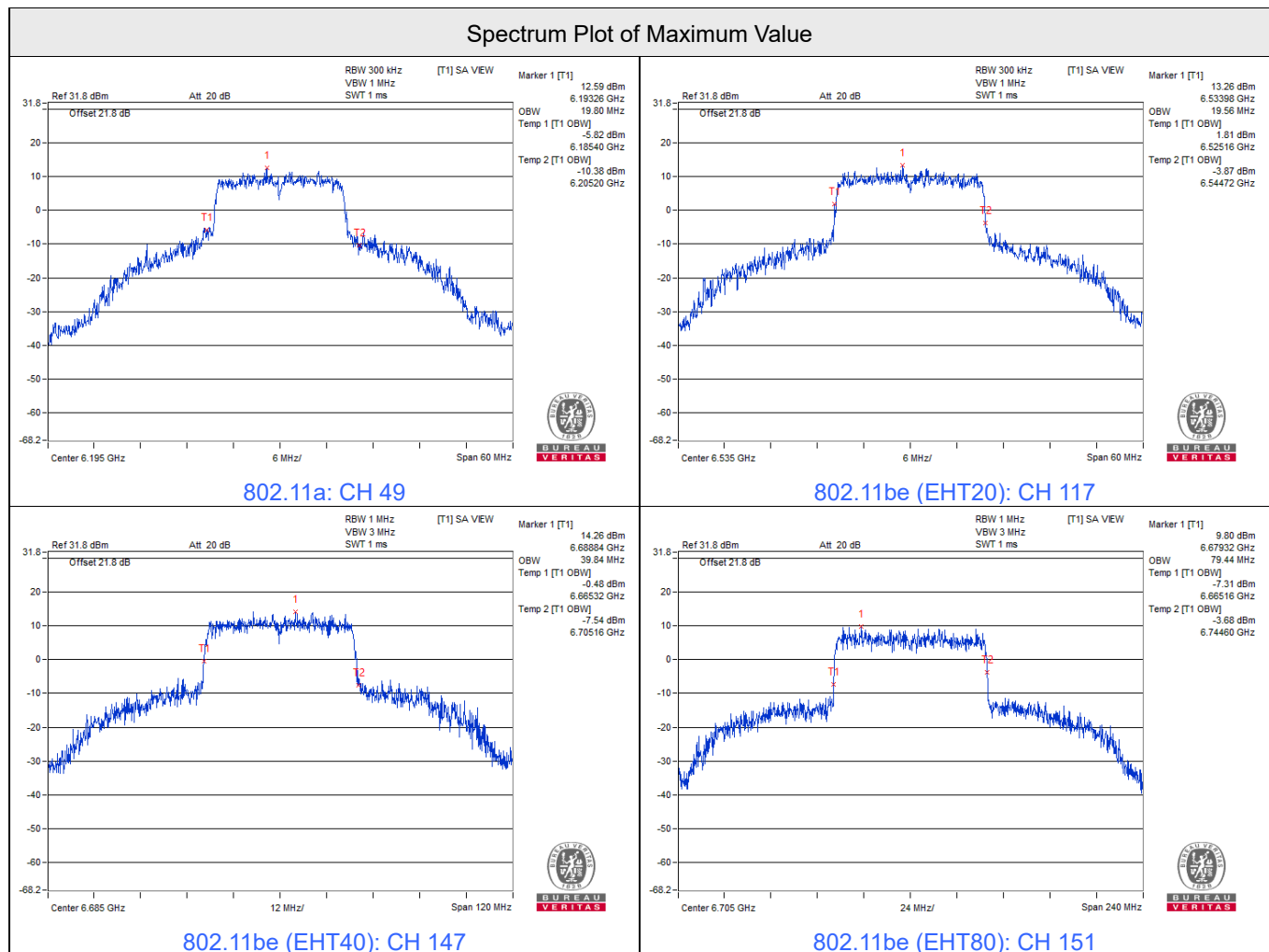
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
7	5985	77.52
55	6225	78
87	6385	78.24
135	6625	78.72
151	6705	78.24
167	6785	78.24

802.11be (EHT160) 996+484-tone MRU

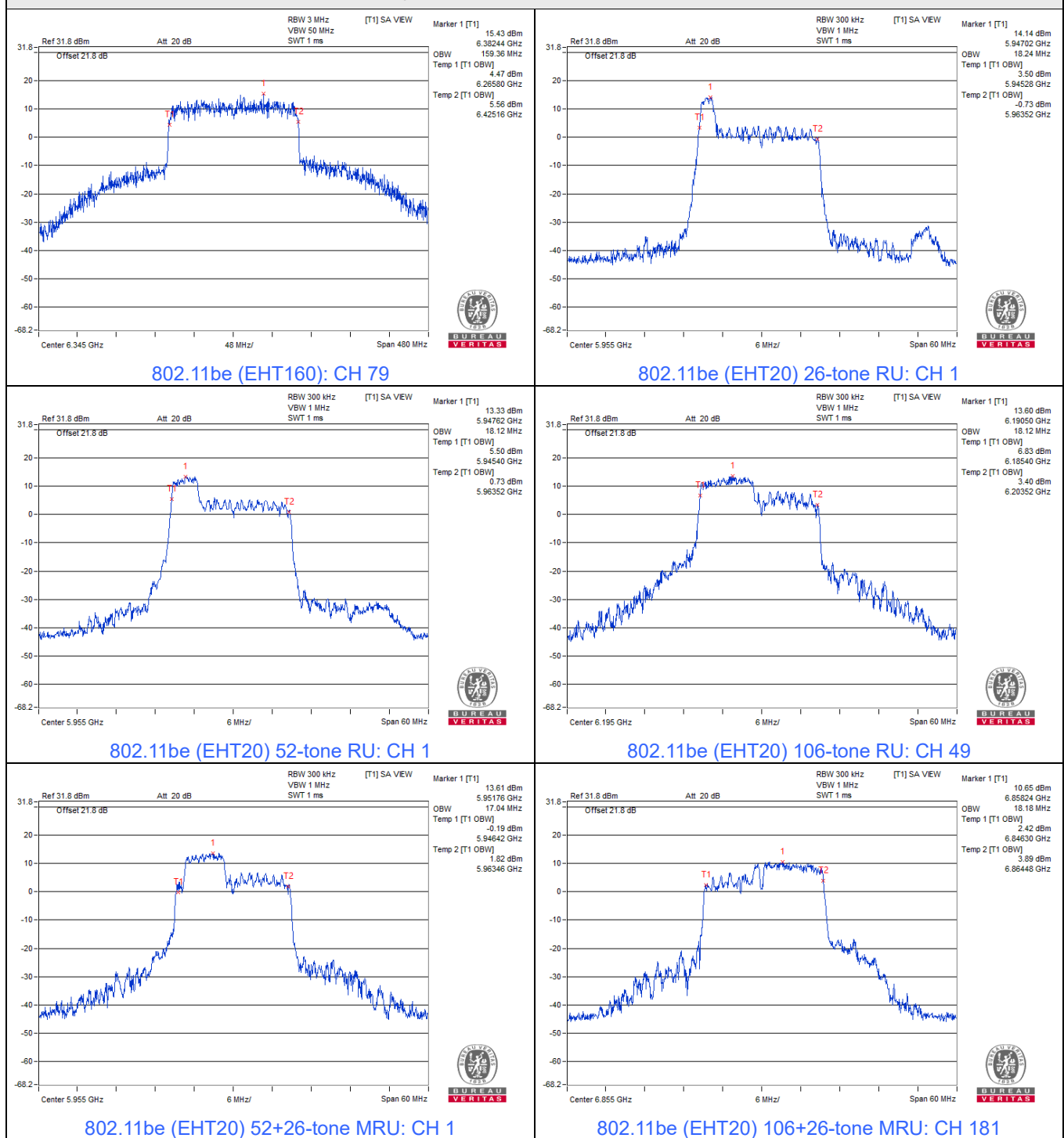
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	156.96
47	6185	159.36
79	6345	158.4
143	6665	159.84

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

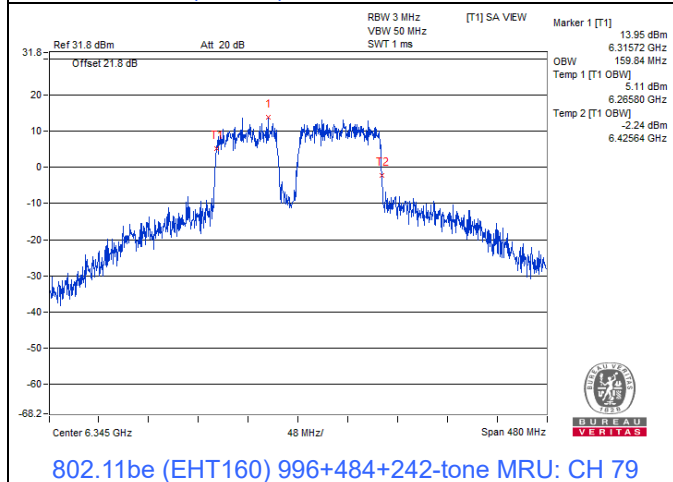
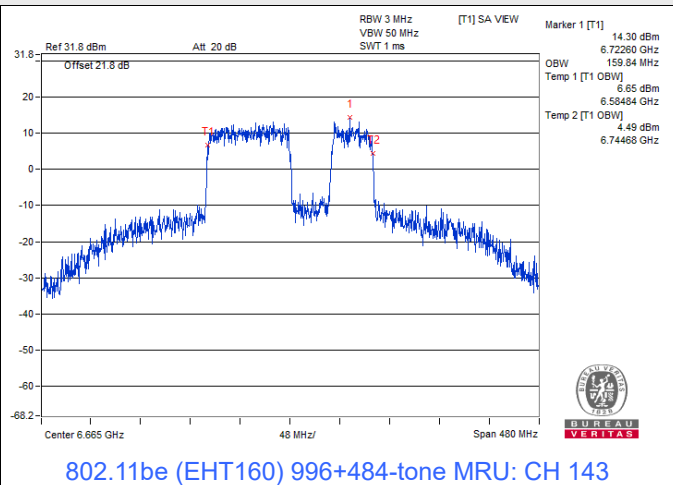
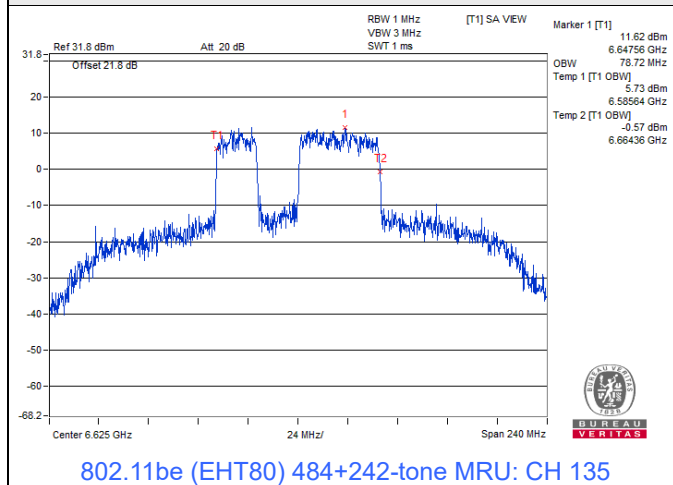
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
15	6025	156.48
47	6185	158.88
79	6345	159.84
143	6665	158.4



Spectrum Plot of Maximum Value



Spectrum Plot of Maximum Value



Input Power:	3.3 Vdc	Environmental Conditions:	27°C, 62% RH	Tested By:	Kevin Ko
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Standard client

2Tx

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	16.50	16.50
49	6195	16.50	16.50
93	6415	16.56	16.62
117	6535	16.56	16.62
149	6695	16.68	16.56
181	6855	16.68	16.62

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	19.32	19.14
49	6195	19.32	19.20
93	6415	19.26	19.14
117	6535	19.08	19.56
149	6695	19.20	19.80
181	6855	19.08	19.20

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
3	5965	38.04	38.04
51	6205	38.52	39.24
91	6405	38.64	39.48
123	6565	38.76	39.36
147	6685	39.36	39.24
179	6845	38.52	39.12

802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	77.28	77.52
55	6225	78.96	78.24
87	6385	78.72	78.72
135	6625	78.96	78.72
151	6705	78.48	78.00
167	6785	78.72	78.48

802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	156.96	156.48
47	6185	159.36	157.92
79	6345	159.84	159.36
143	6665	158.88	158.40

802.11be (EHT20) 26-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.30	18.24
49	6195	18.24	18.00
93	6415	18.06	18.12
117	6535	18.24	18.12
149	6695	18.12	18.18
181	6855	18.06	18.12

802.11be (EHT20) 52-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.12	17.94
49	6195	18.06	17.94
93	6415	18.00	17.94
117	6535	18.06	18.00
149	6695	18.06	18.00
181	6855	18.00	18.00

802.11be (EHT20) 106-tone RU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.06	17.94
49	6195	18.12	18.00
93	6415	18.18	18.00
117	6535	18.06	18.06
149	6695	18.06	18.00
181	6855	18.12	17.94

802.11be (EHT20) 52+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	16.92	17.04
49	6195	16.98	16.74
93	6415	16.86	17.04
117	6535	17.10	16.80
149	6695	17.04	16.92
181	6855	16.98	16.86

802.11be (EHT20) 106+26-tone MRU

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	18.12	17.94
49	6195	18.12	18.00
93	6415	18.06	18.00
117	6535	18.06	17.94
149	6695	18.06	18.06
181	6855	18.00	17.94

802.11be (EHT80) 484+242-tone MRU

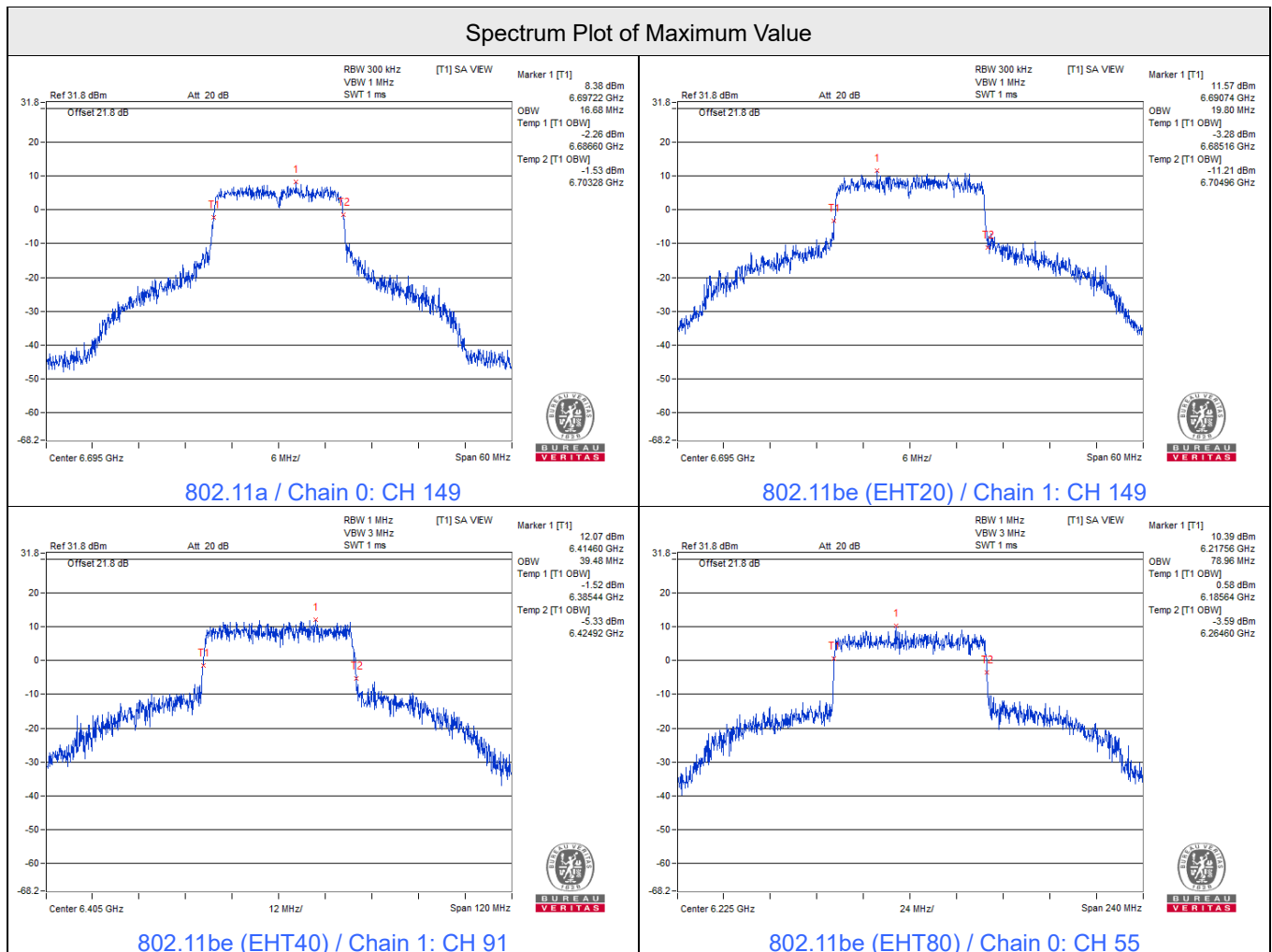
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	77.76	77.76
55	6225	78.00	78.24
87	6385	78.24	78.24
135	6625	78.96	81.12
151	6705	78.48	78.48
167	6785	81.36	78.72

802.11be (EHT160) 996+484-tone MRU

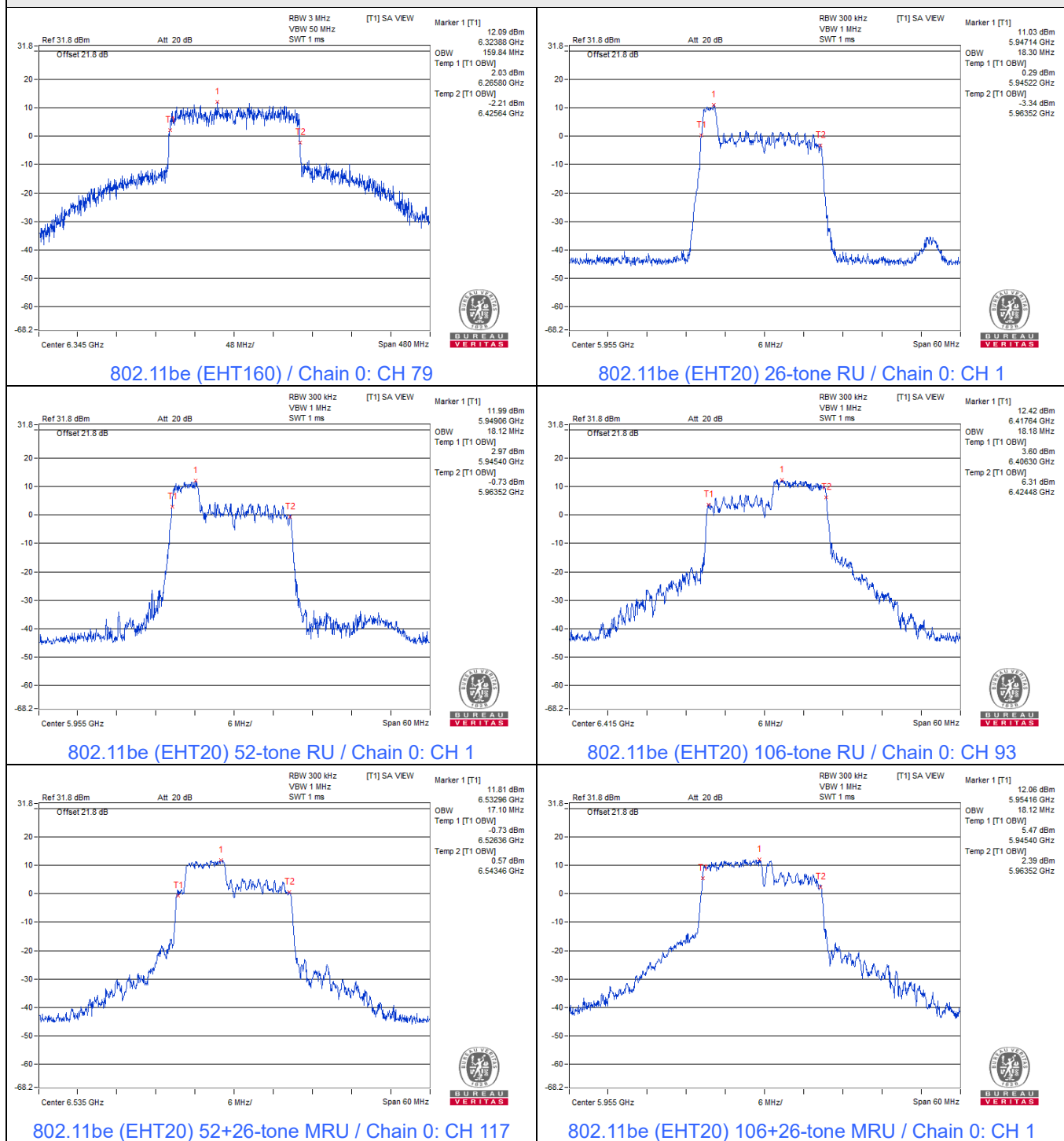
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	157.92	157.44
47	6185	157.92	157.92
79	6345	157.92	158.40
143	6665	158.40	157.92

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

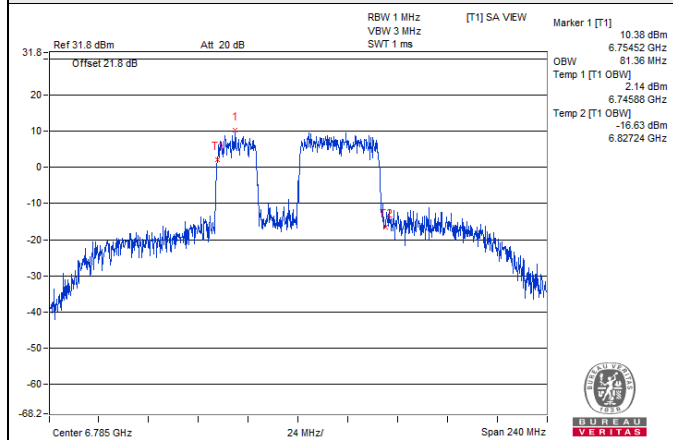
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	156.96	156.96
47	6185	158.88	158.88
79	6345	159.36	158.40
143	6665	158.88	158.40



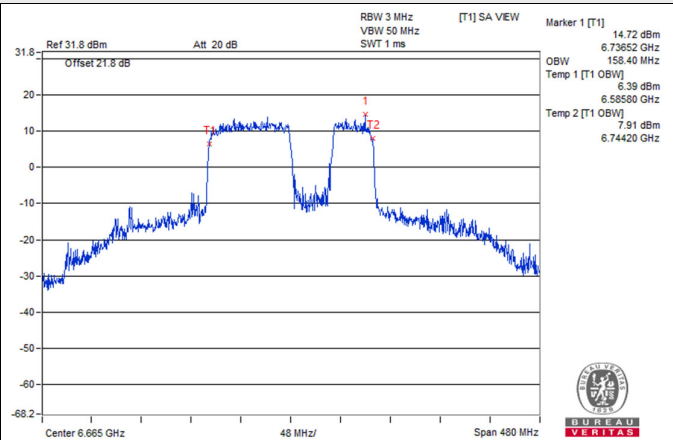
Spectrum Plot of Maximum Value



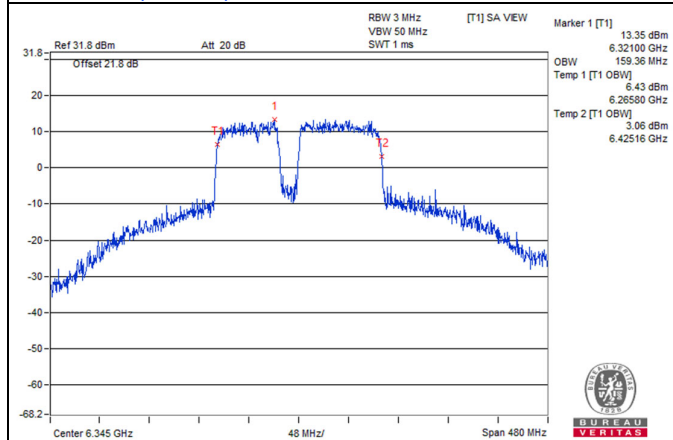
Spectrum Plot of Maximum Value



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



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



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

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	MEDIATEK	MT7977	3.0.0.6.102_55168

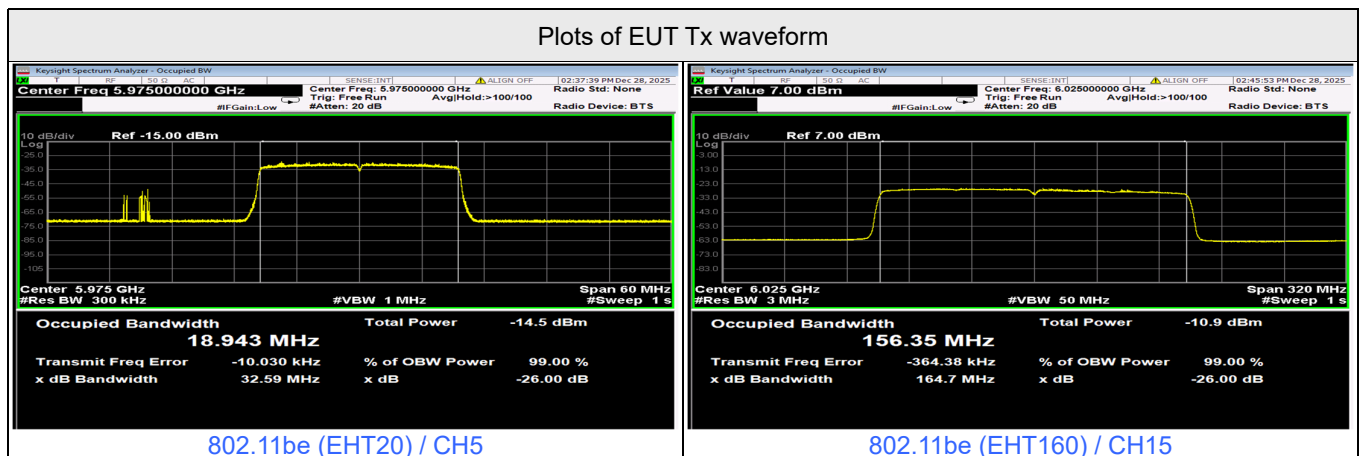
For U-NII-5

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	5	5975	5975	-79.77	-2.28	0	-77.49	-62	OFF
					-80.27	-2.28	0	-77.99	-62	Minimal
					-84.28	-2.28	0	-82	-62	ON
	160	15	5950	5950	-77.17	-2.28	0	-74.89	-62	OFF
					-77.67	-2.28	0	-75.39	-62	Minimal
					-84.28	-2.28	0	-82	-62	ON
			6025	6025	-78.62	-2.28	0	-76.34	-62	OFF
					-79.12	-2.28	0	-76.84	-62	Minimal
					-84.28	-2.28	0	-82	-62	ON
			6100	6100	-76.51	-2.28	0	-74.23	-62	OFF
					-77.01	-2.28	0	-74.73	-62	Minimal
					-84.28	-2.28	0	-82	-62	ON

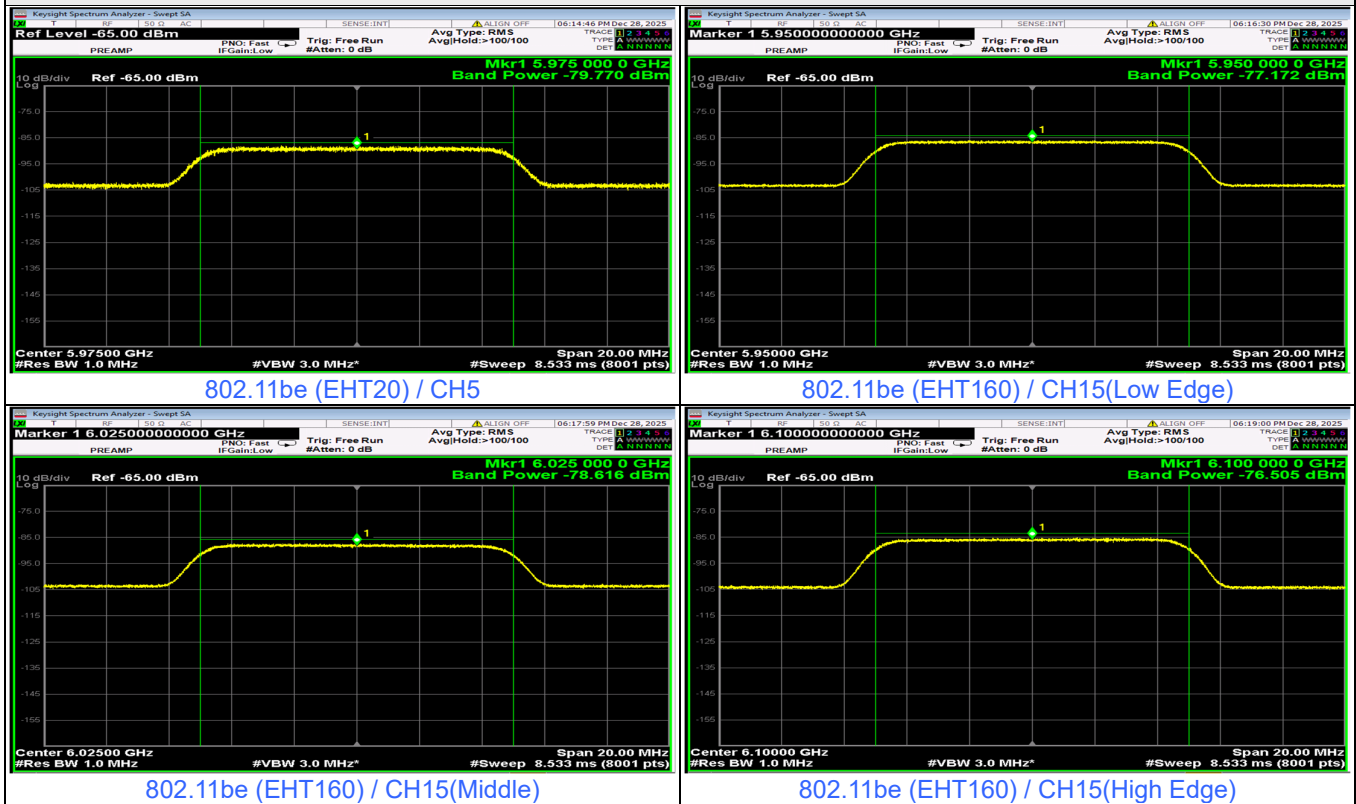
Notes:

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.

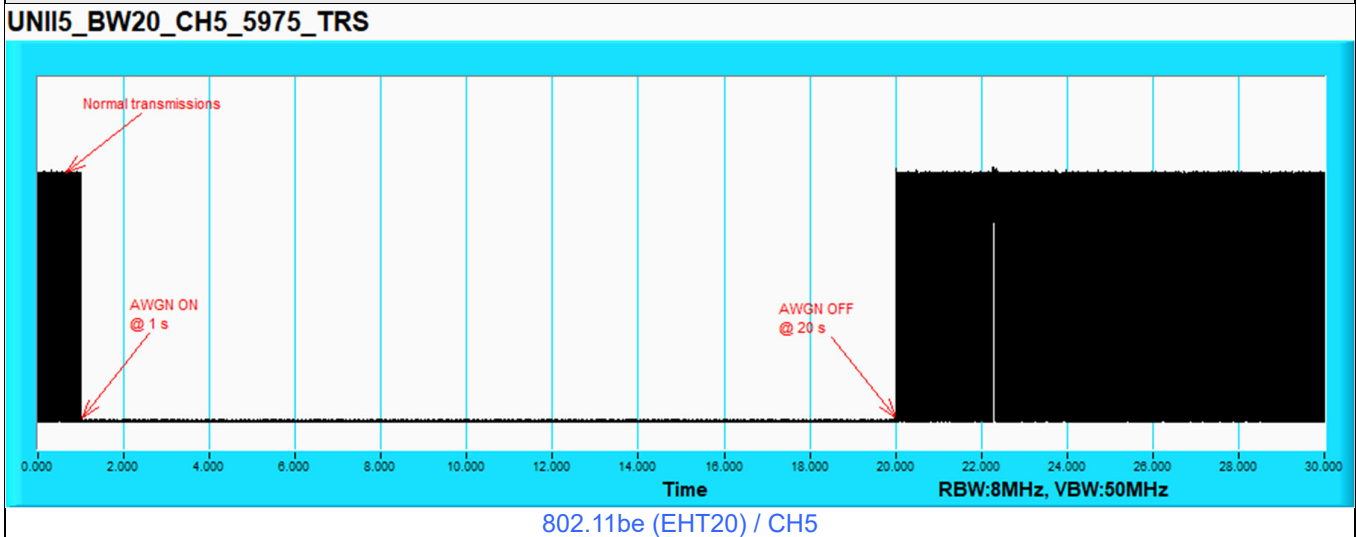
Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11be	20	5975	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	5950	v	v	v	v	x	v	v	v	v	v	90%	90%	Pass
		6025	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6100	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass



Plots of Injected signal (AWGN) level

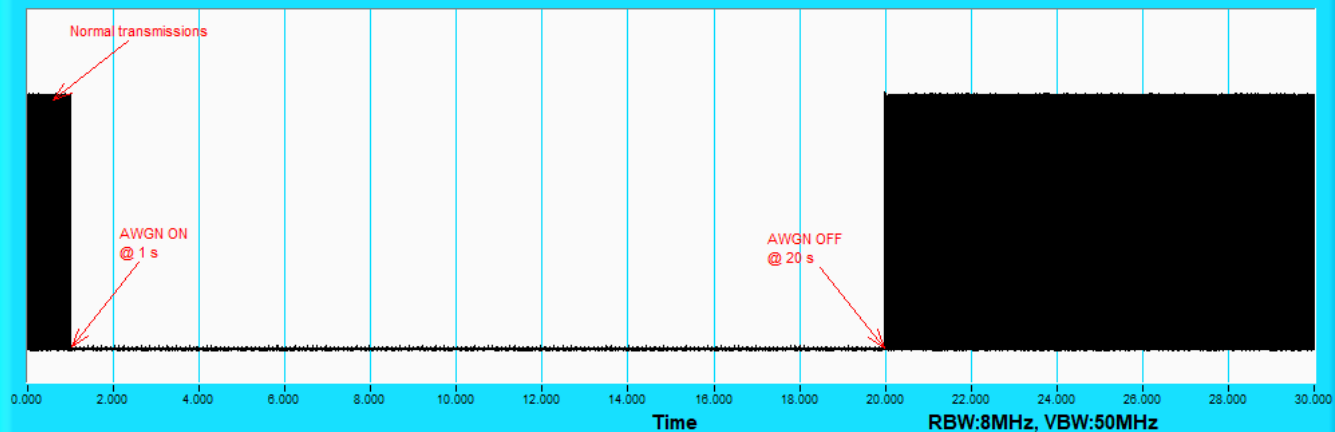


Plots of EUT ceased transmission in the time domain

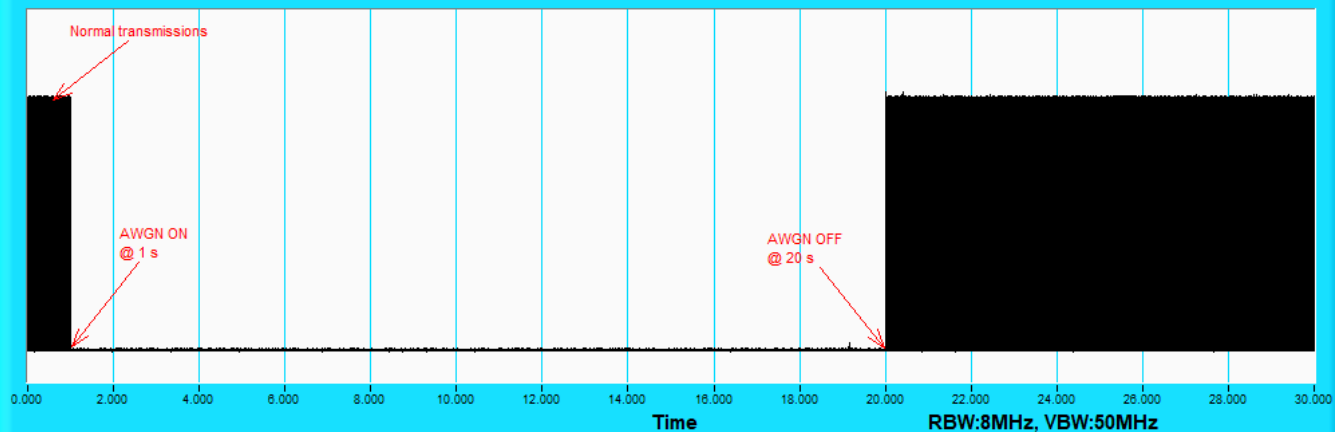


Plots of EUT ceased transmission in the time domain

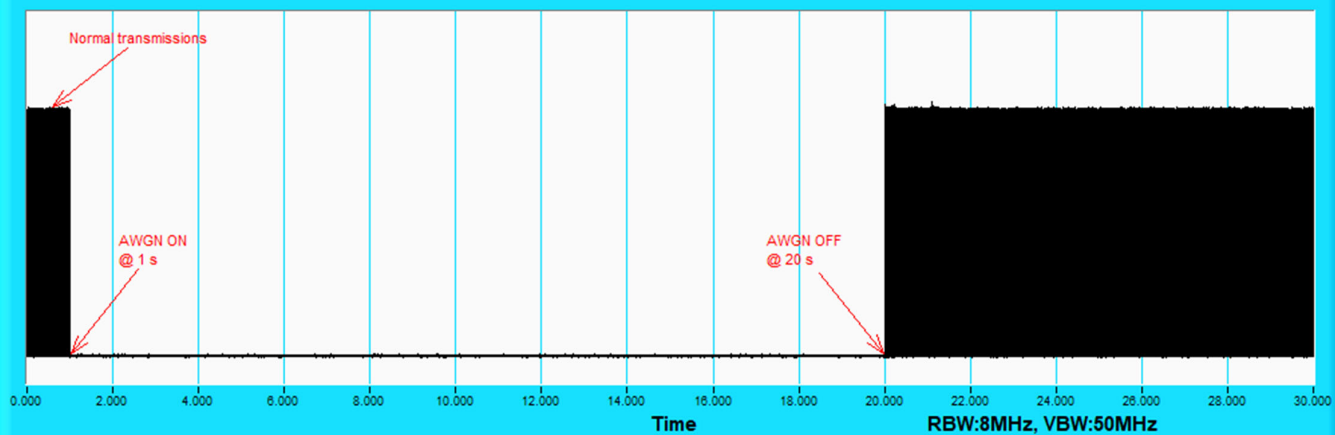
UNII5_BW160_CH15_5950_TRS



UNII5_BW160_CH15_6025_TRS



UNII5_BW160_CH15_6100_TRS



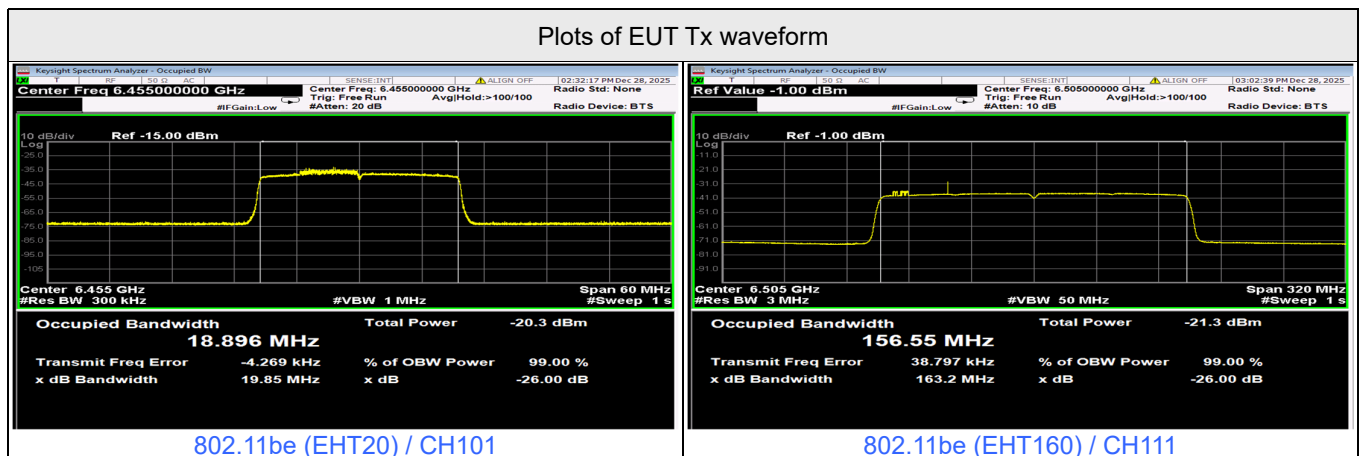
For U-NII-6

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	101	6455	6455	-79.6	-2.28	0	-77.32	-62	OFF
					-80.1	-2.28	0	-77.82	-62	Minimal
					-84.28	-2.28	0	-82	-62	ON
	160	111	6430	6430	-77.67	-2.28	0	-75.39	-62	OFF
					-78.17	-2.28	0	-75.89	-62	Minimal
					-84.28	-2.28	0	-82	-62	ON
			6505	6505	-77.38	-2.28	0	-75.1	-62	OFF
					-77.88	-2.28	0	-75.6	-62	Minimal
					-84.28	-2.28	0	-82	-62	ON
			6580	6580	-76.29	-2.28	0	-74.01	-62	OFF
					-76.79	-2.28	0	-74.51	-62	Minimal
					-84.28	-2.28	0	-82	-62	ON

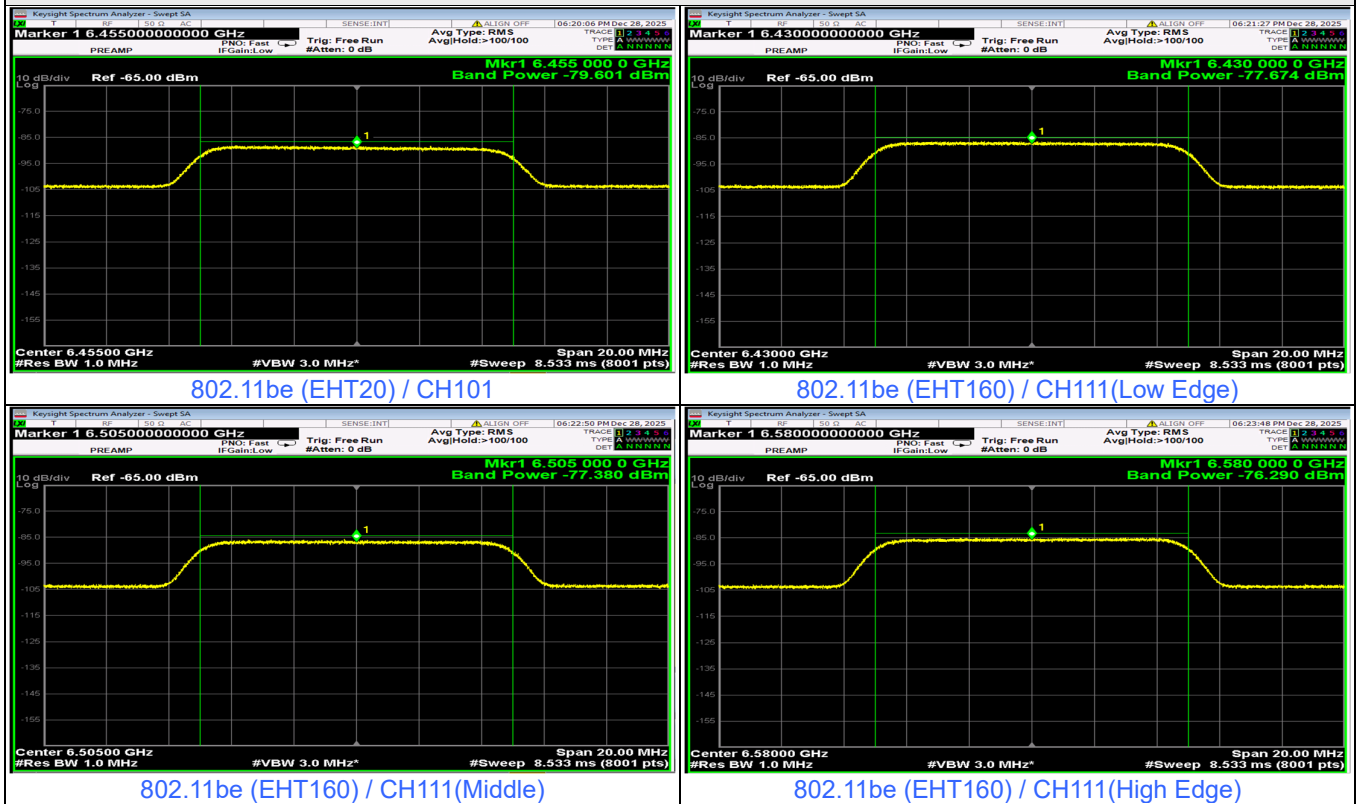
Notes:

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.

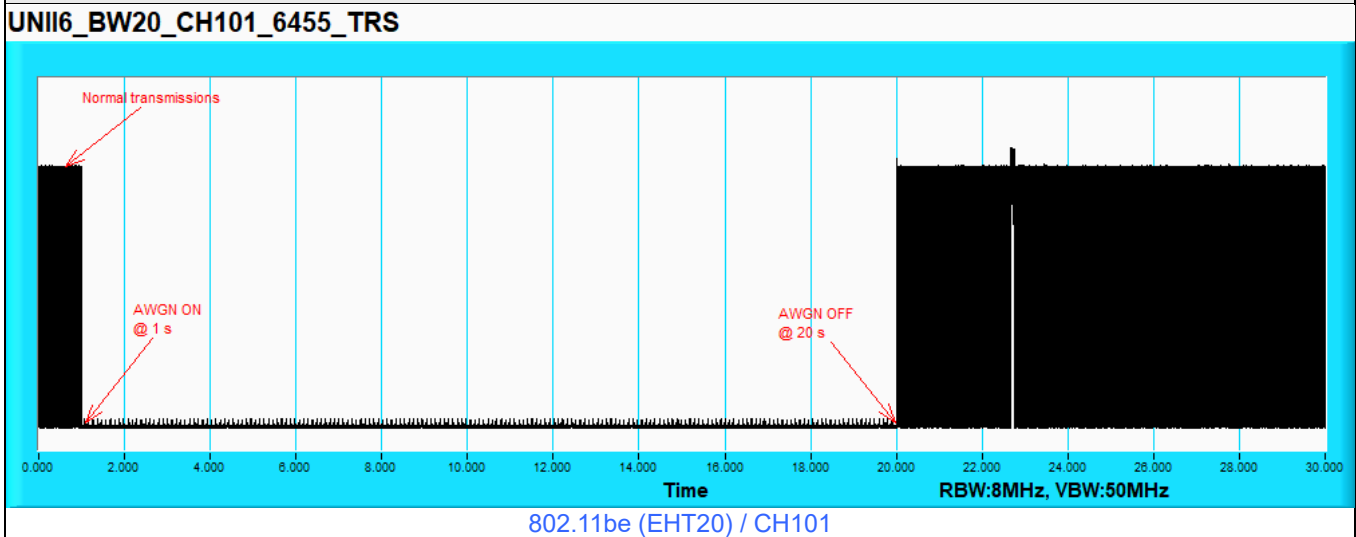
Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11be	20	6455	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6430	v	v	v	v	v	v	v	v	v	v	100%	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



Plots of Injected signal (AWGN) level

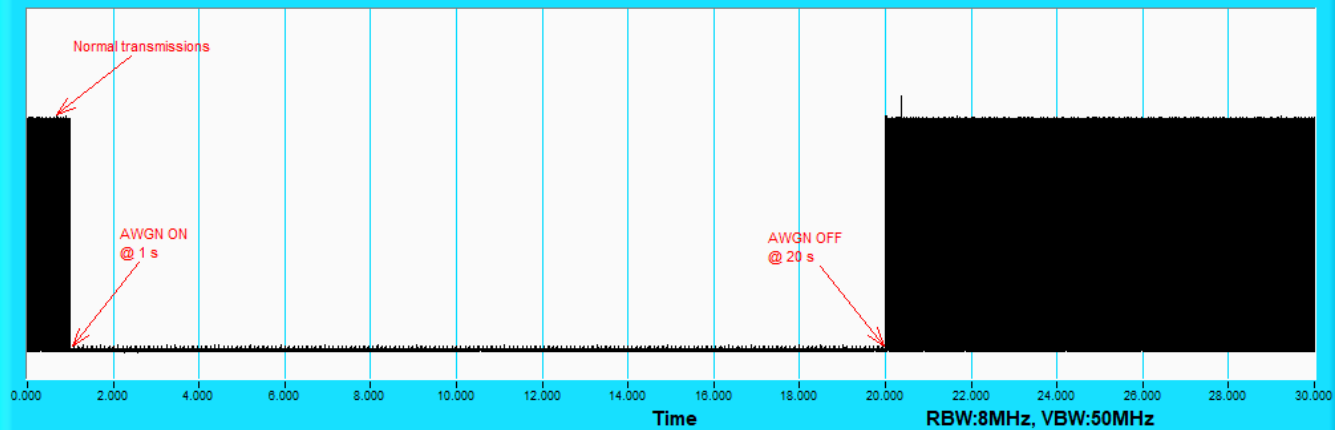


Plots of EUT ceased transmission in the time domain

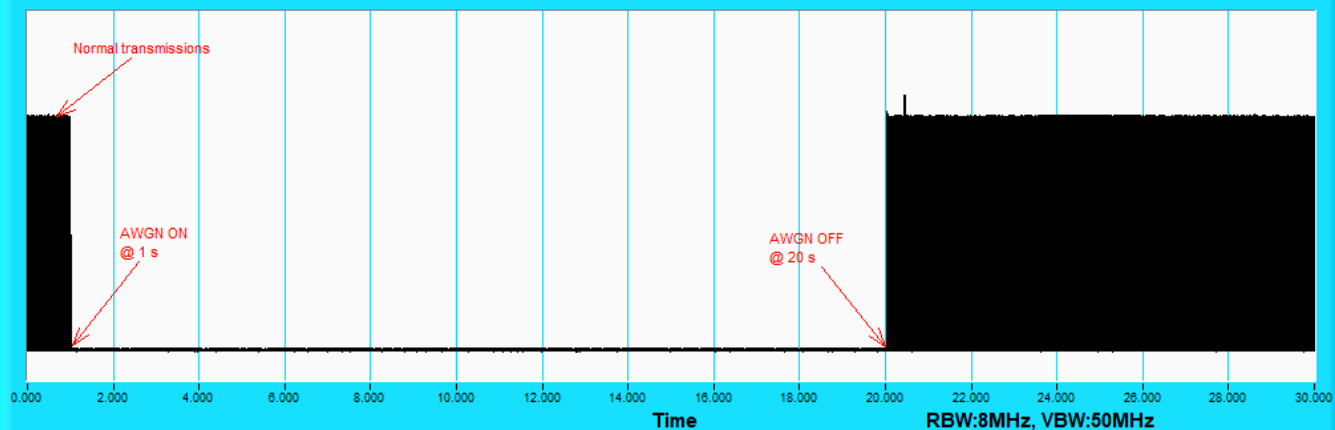


Plots of EUT ceased transmission in the time domain

UNII6_BW160_CH111_6430_TRS



UNII6_BW160_CH111_6505_TRS



UNII6_BW160_CH111_6580_TRS

