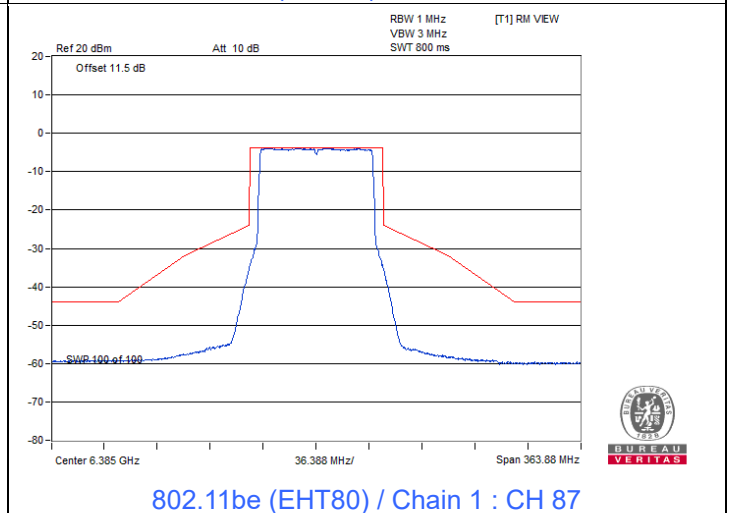
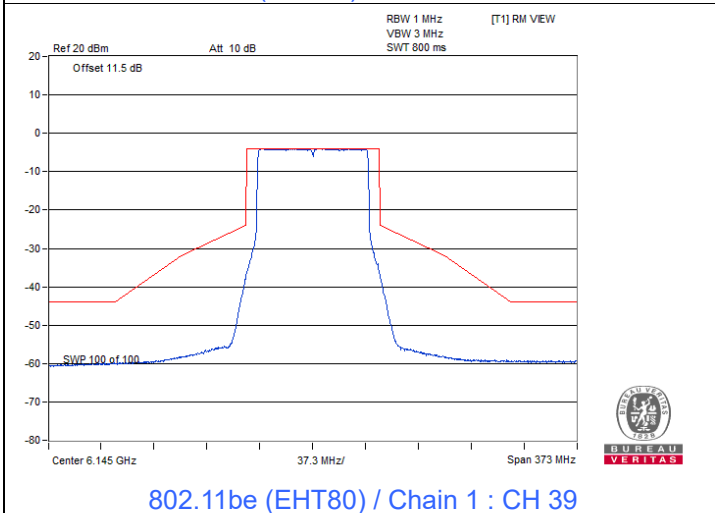
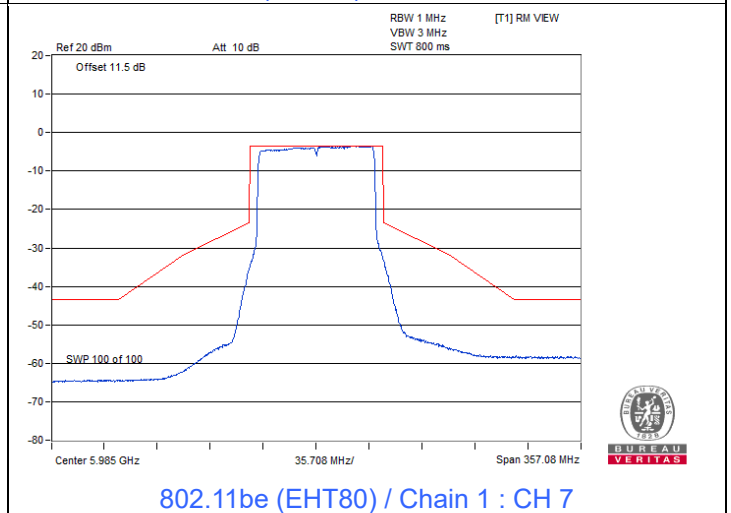
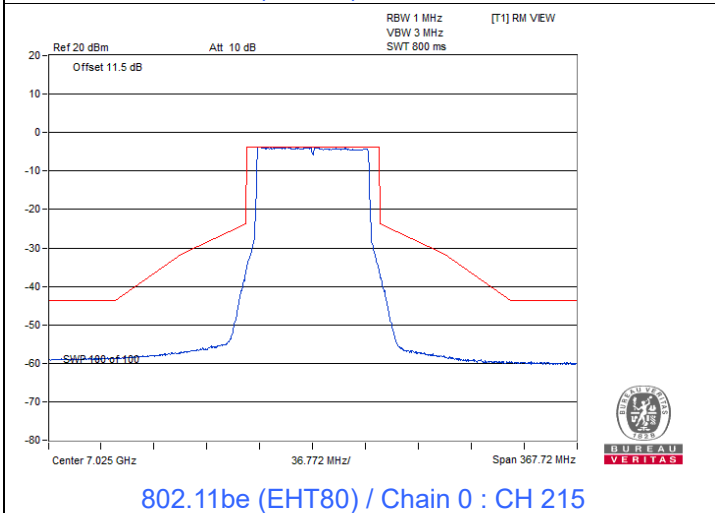
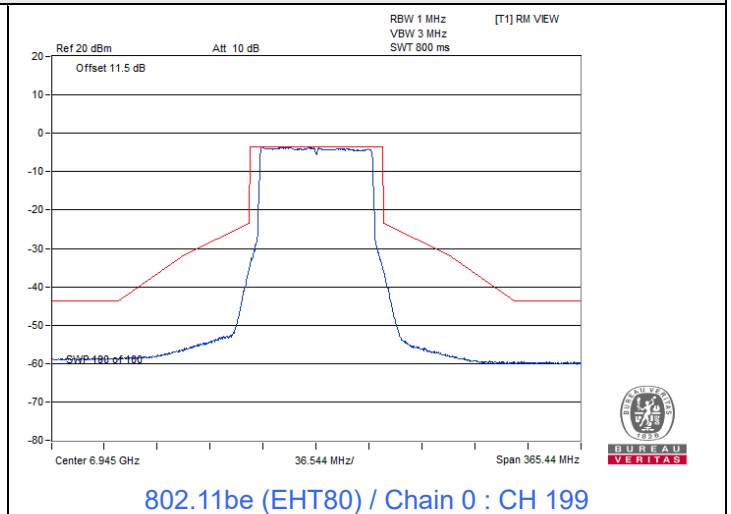
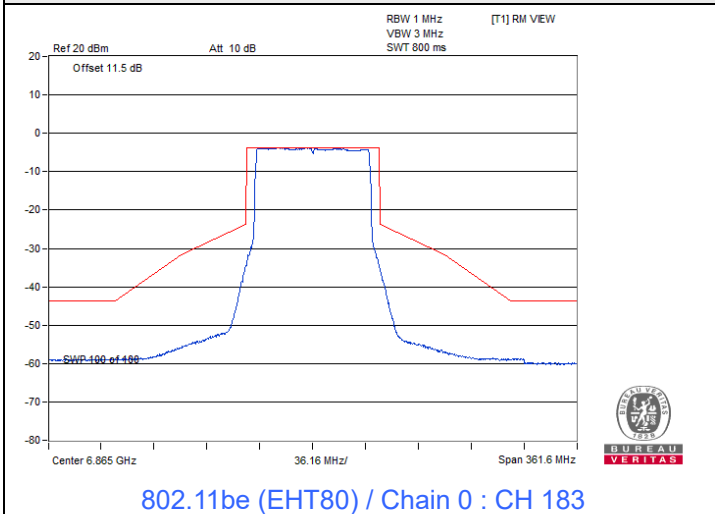
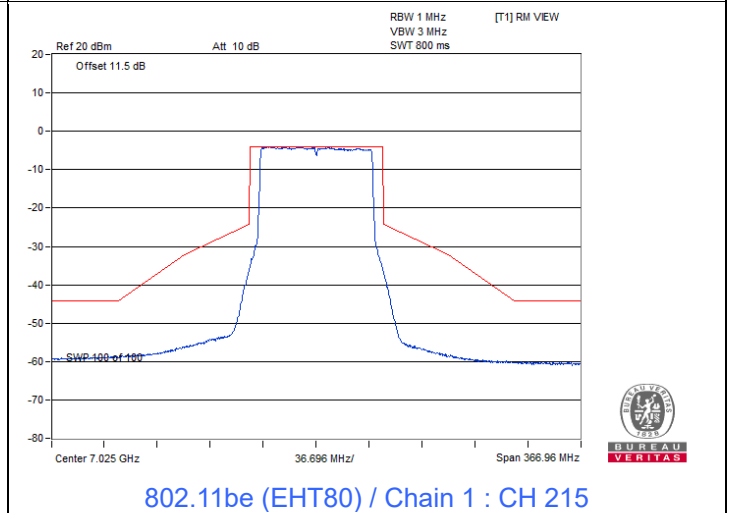
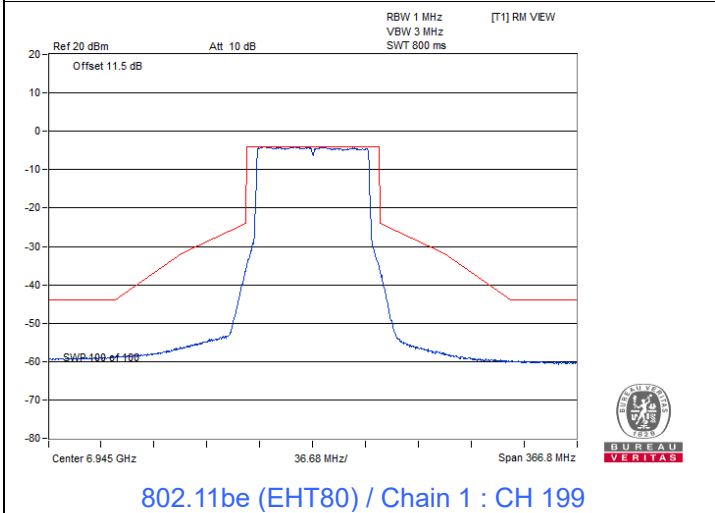
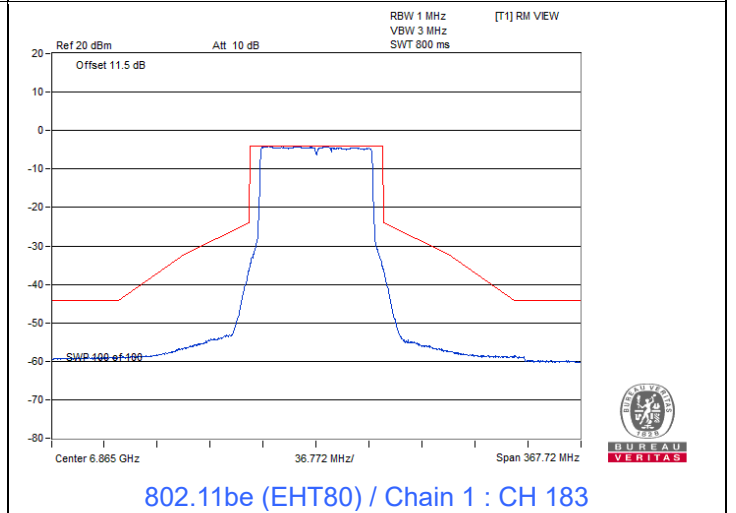
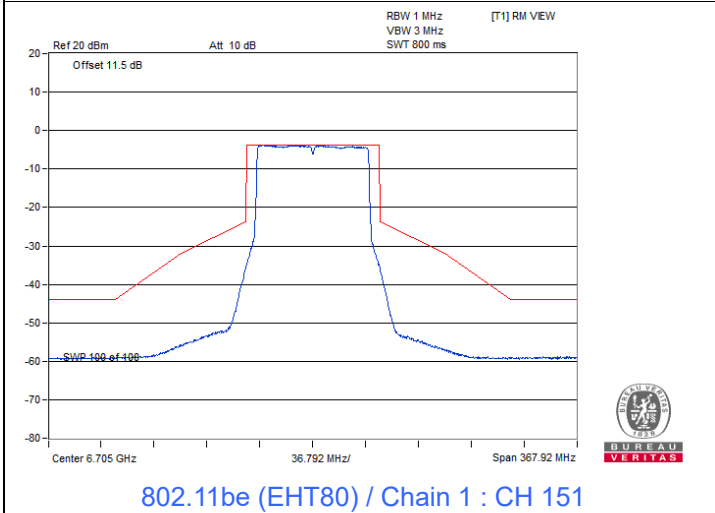
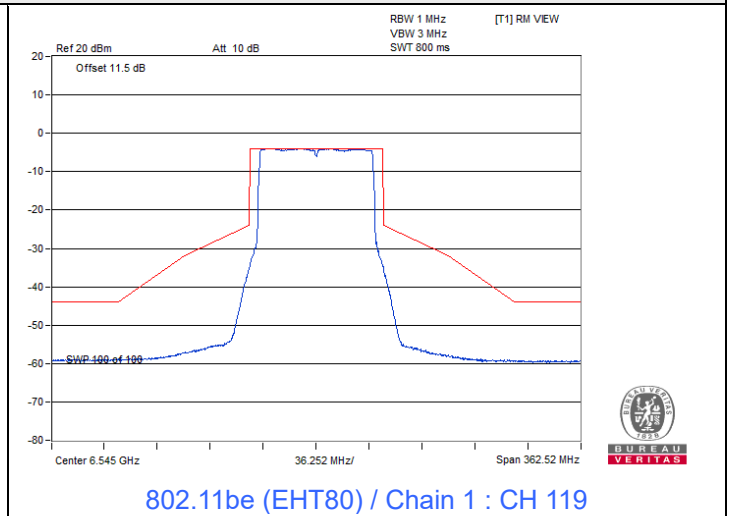
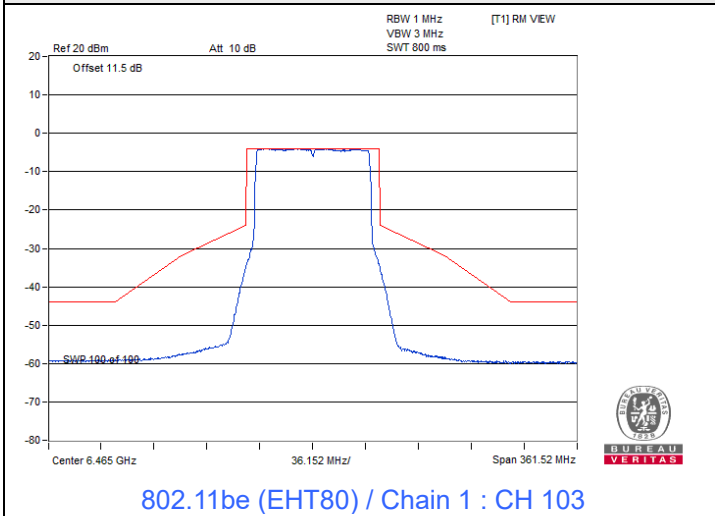




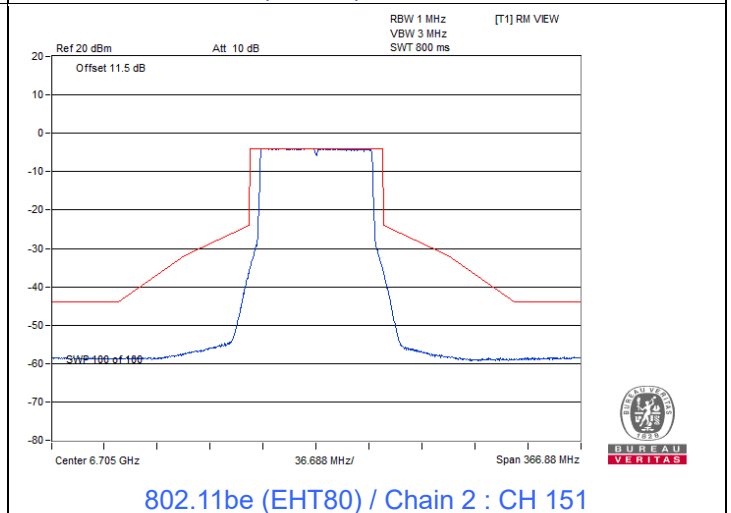
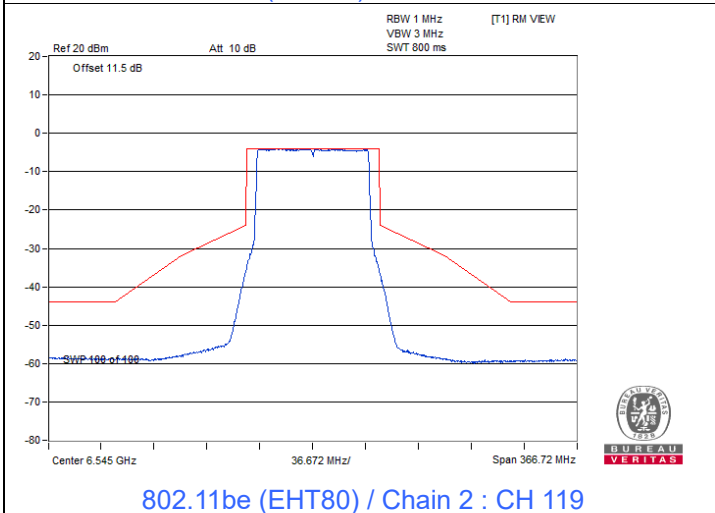
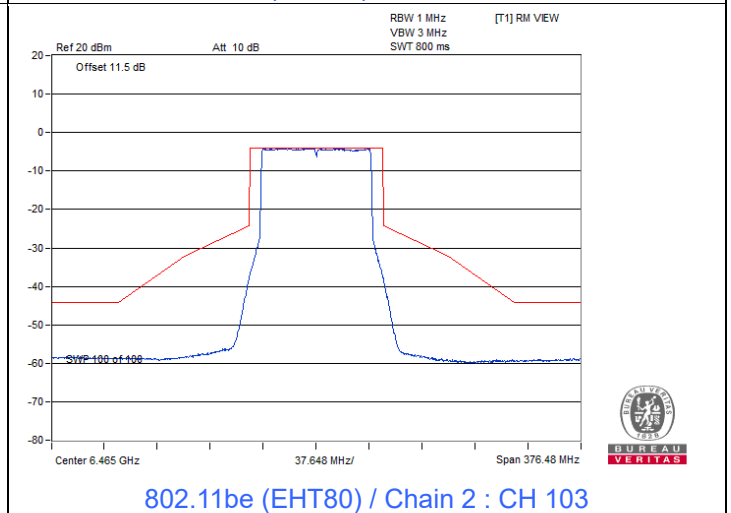
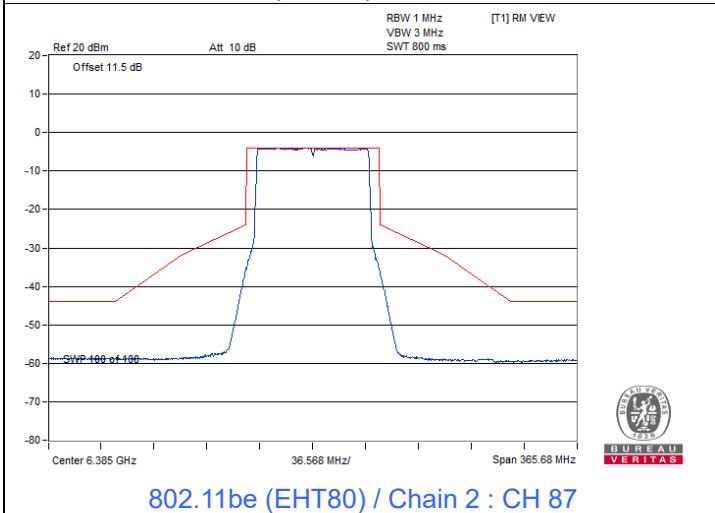
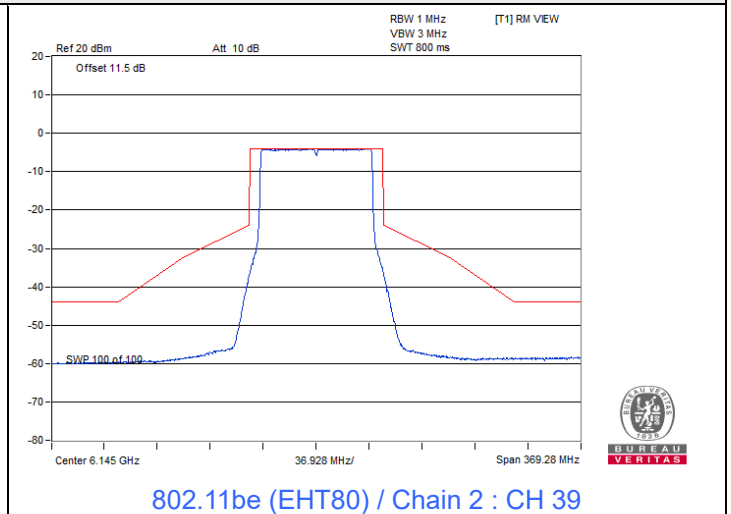
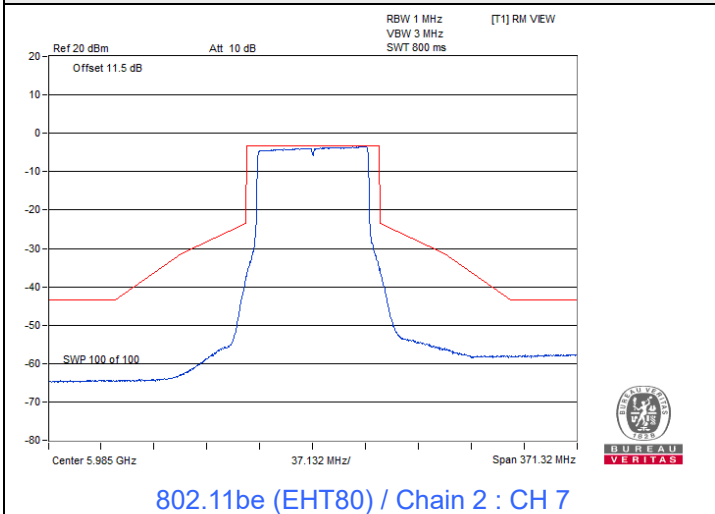
Spectrum Plot



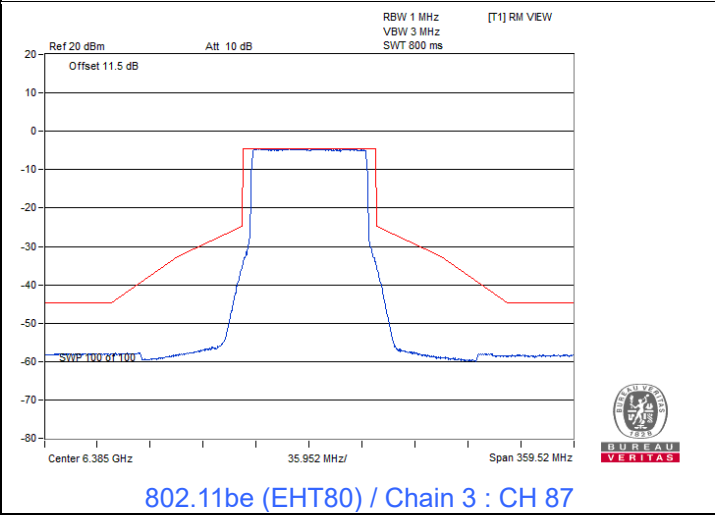
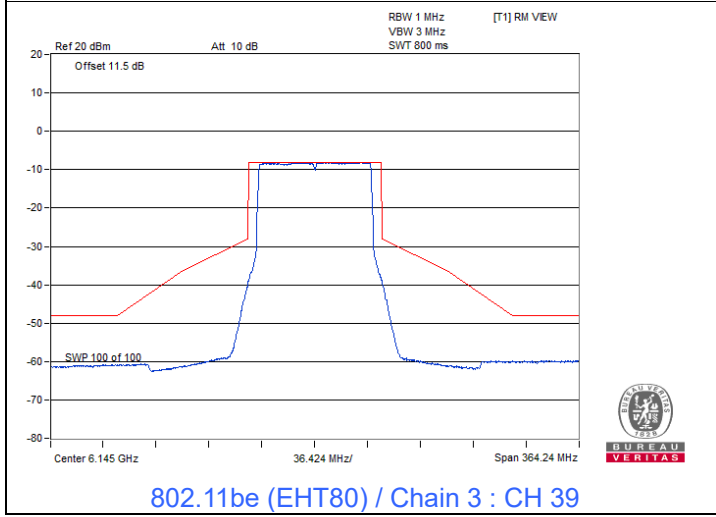
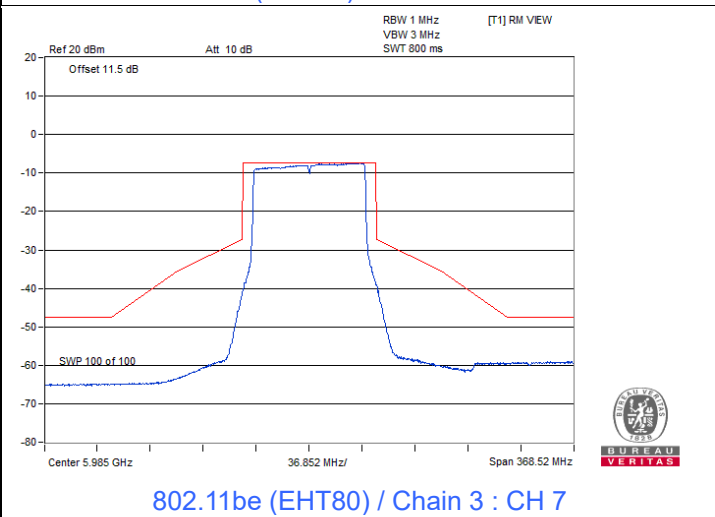
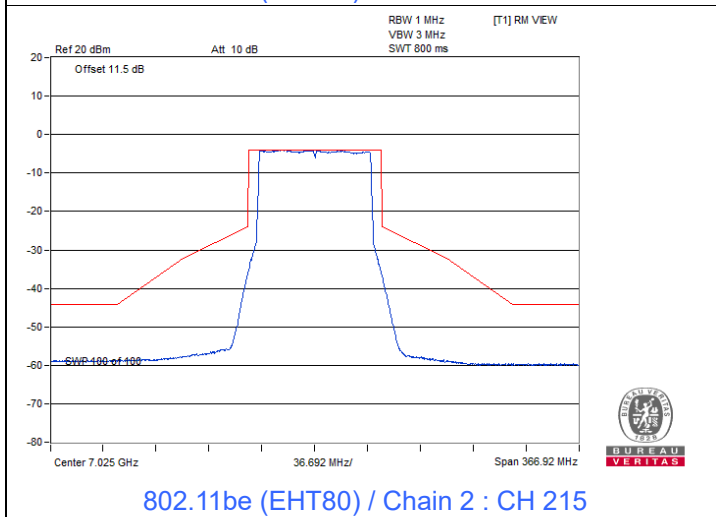
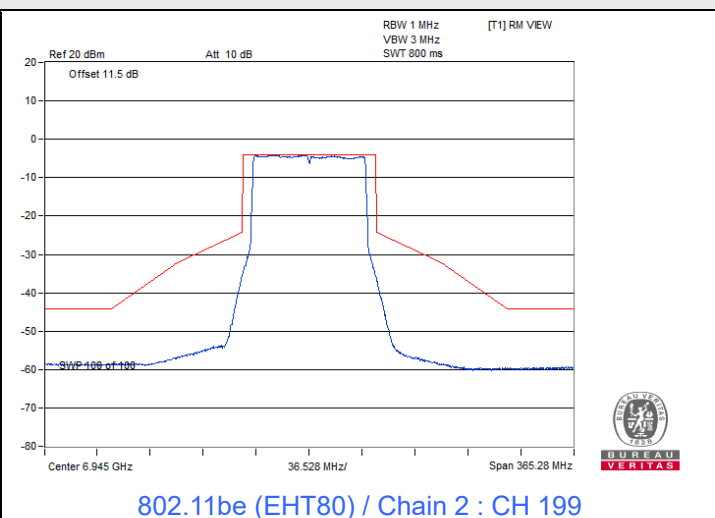
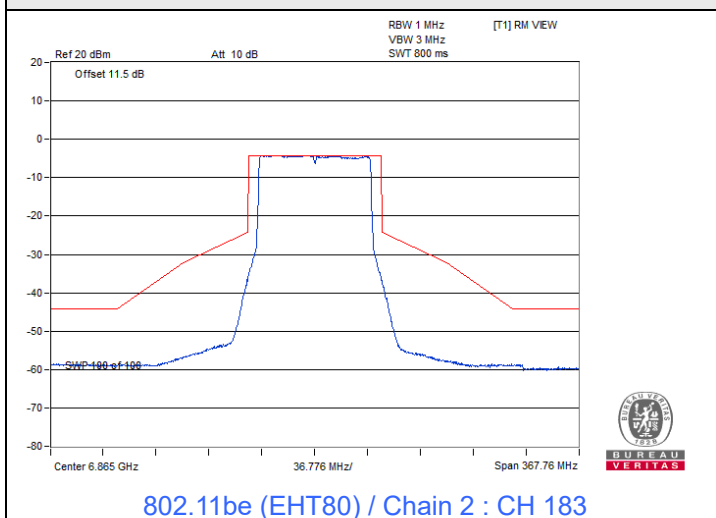
Spectrum Plot



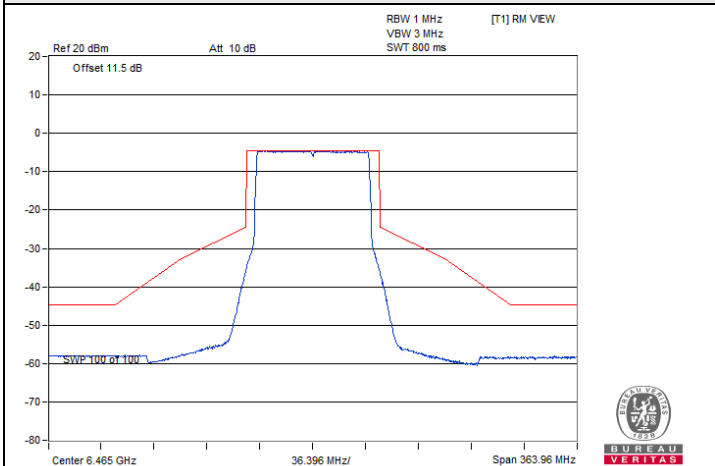
Spectrum Plot



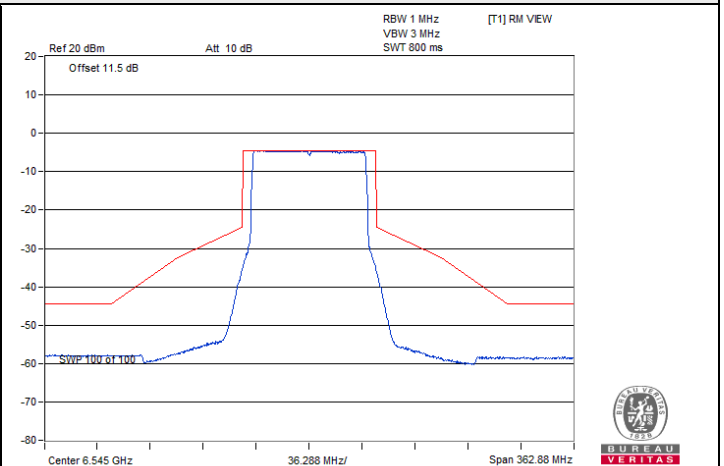
Spectrum Plot



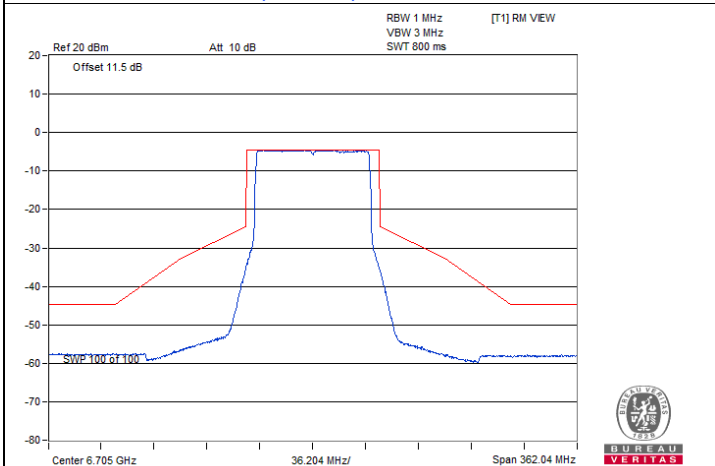
Spectrum Plot



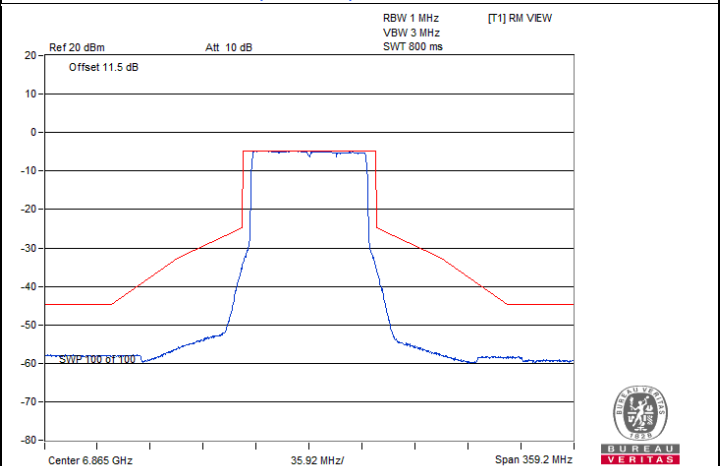
802.11be (EHT80) / Chain 3 : CH 103



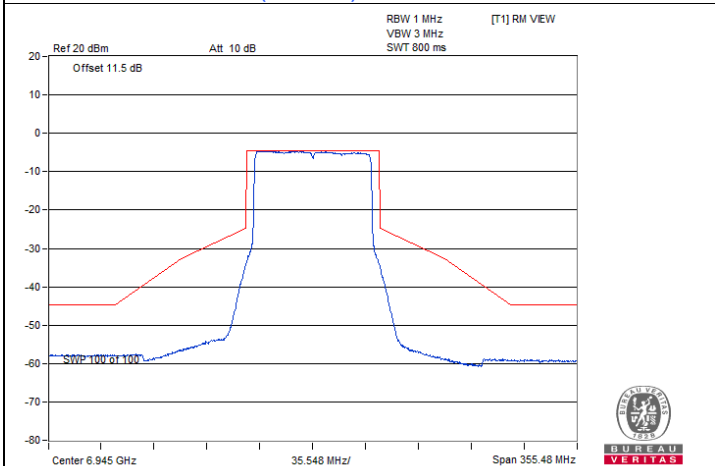
802.11be (EHT80) / Chain 3 : CH 119



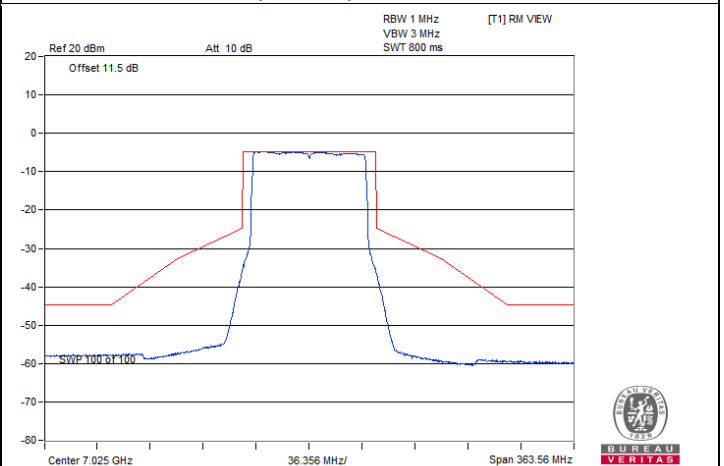
802.11be (EHT80) / Chain 3 : CH 151



802.11be (EHT80) / Chain 3 : CH 183

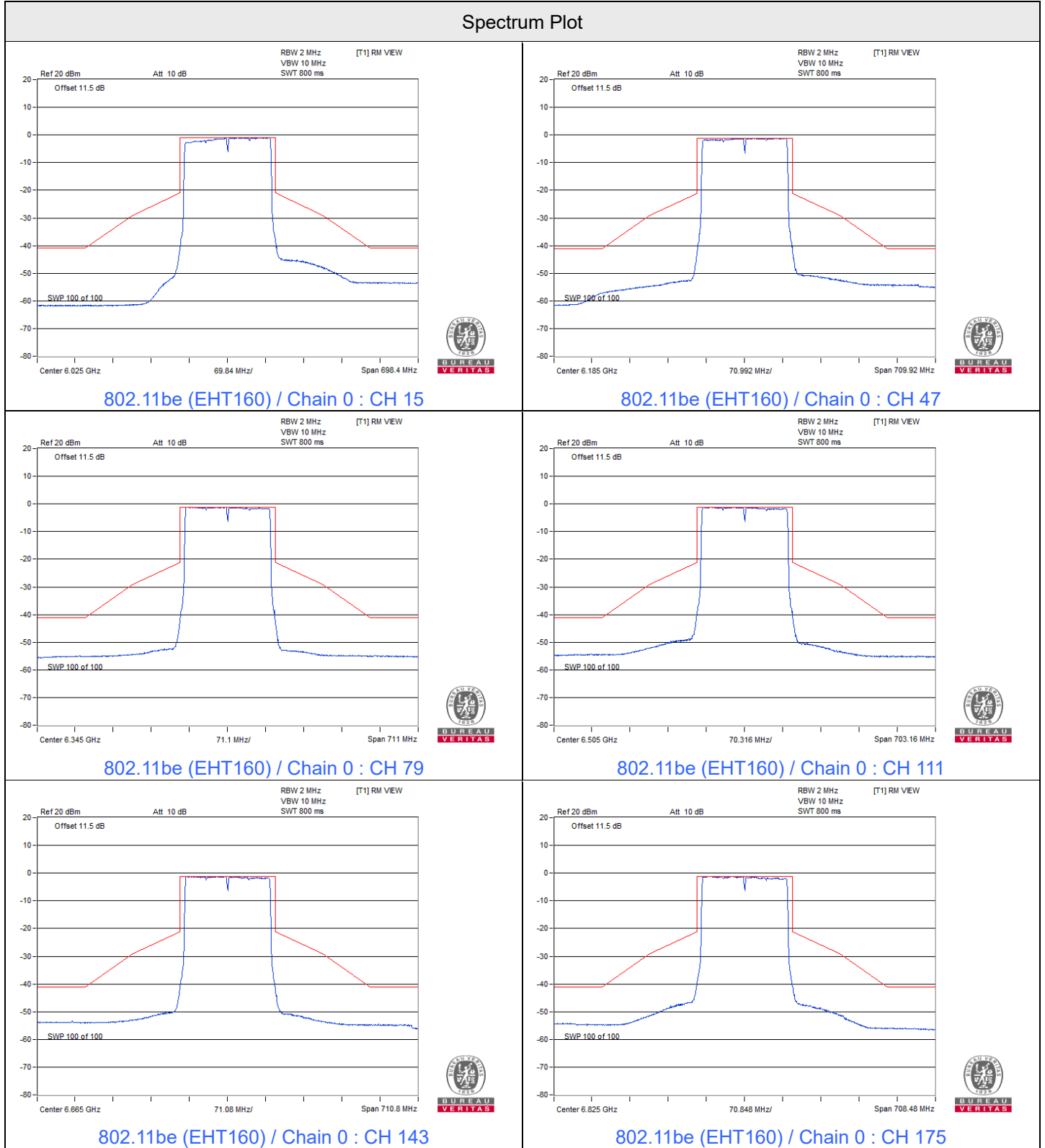


802.11be (EHT80) / Chain 3 : CH 199

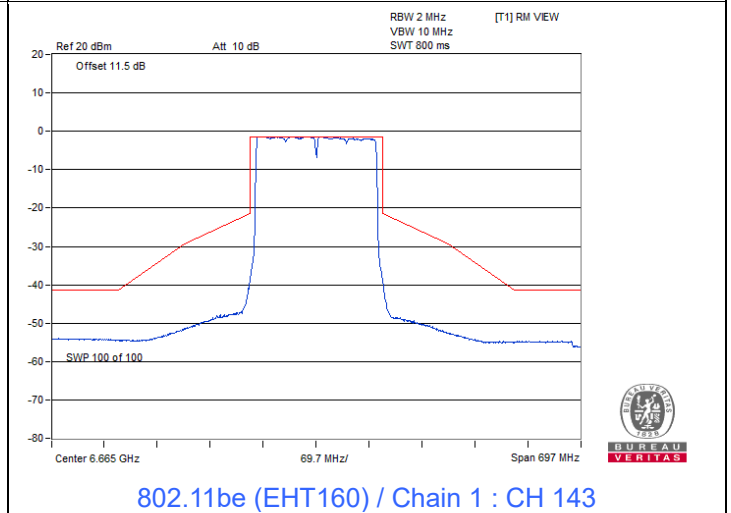
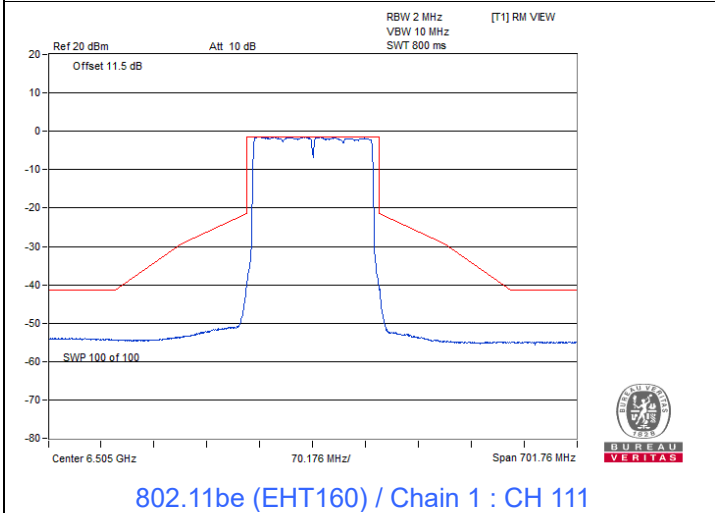
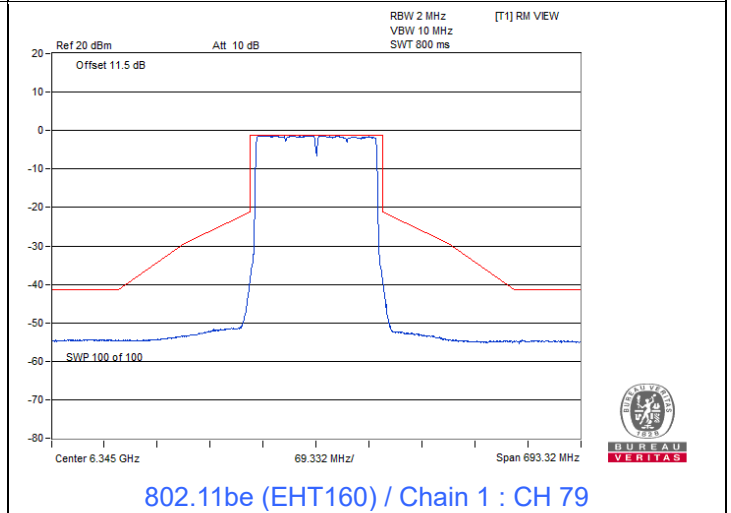
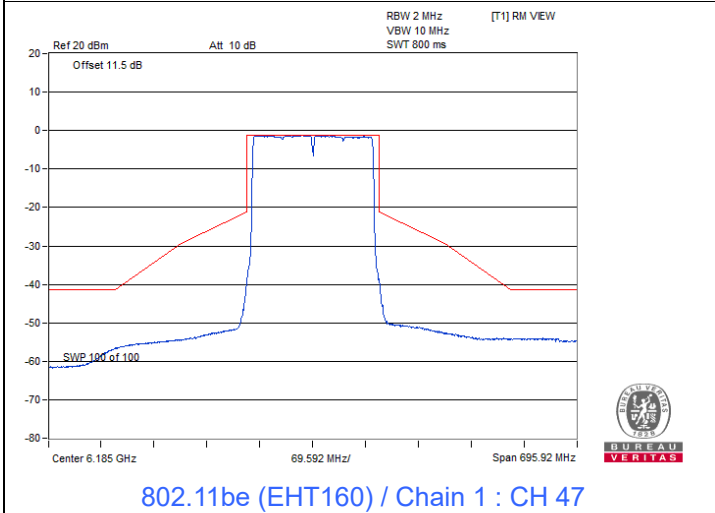
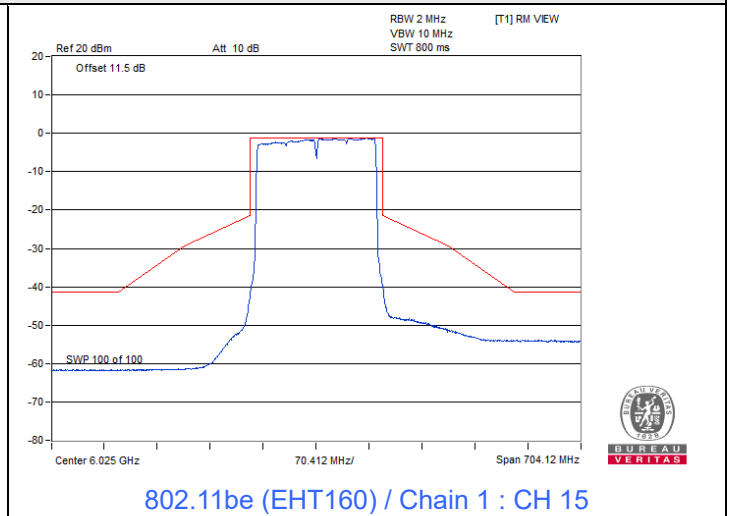
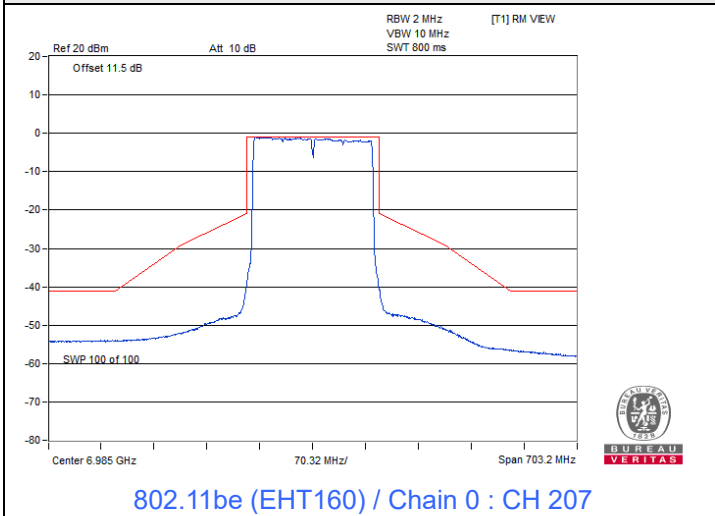


802.11be (EHT80) / Chain 3 : CH 215

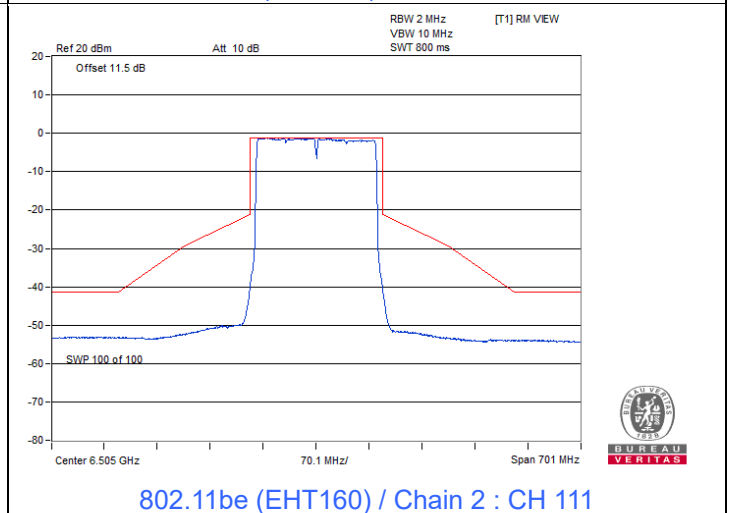
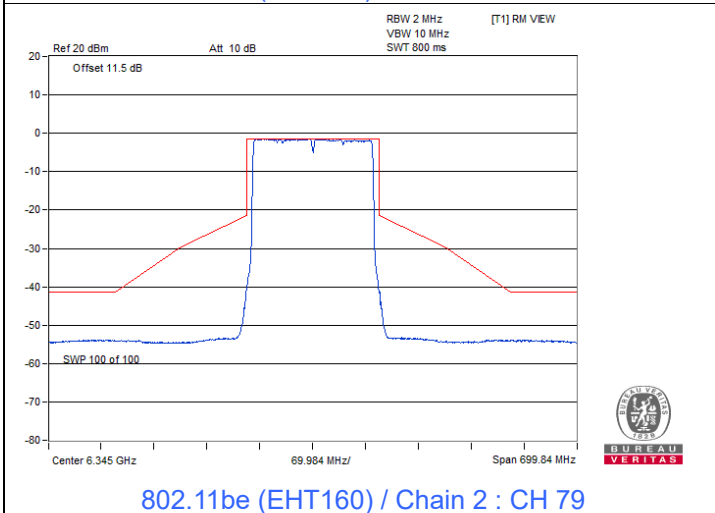
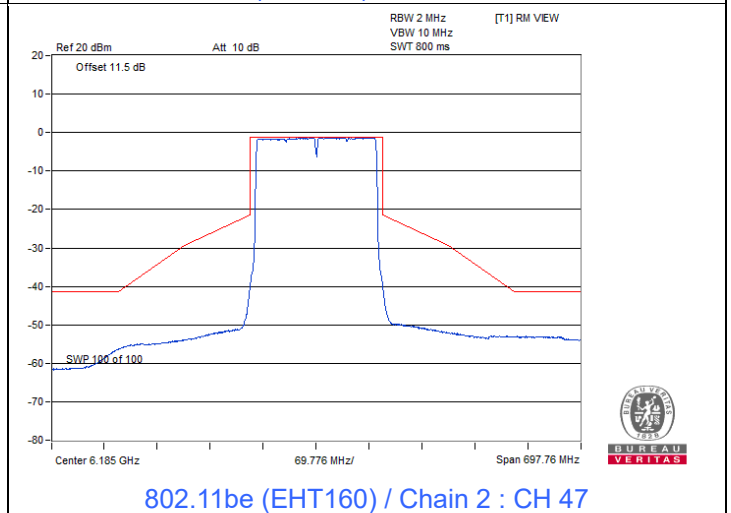
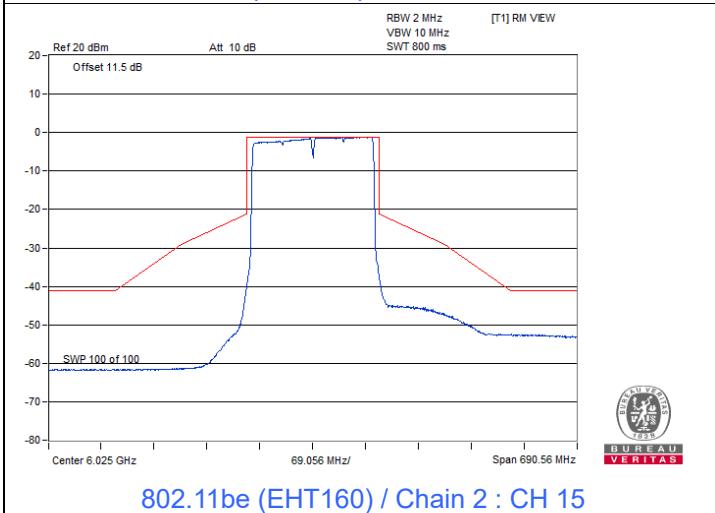
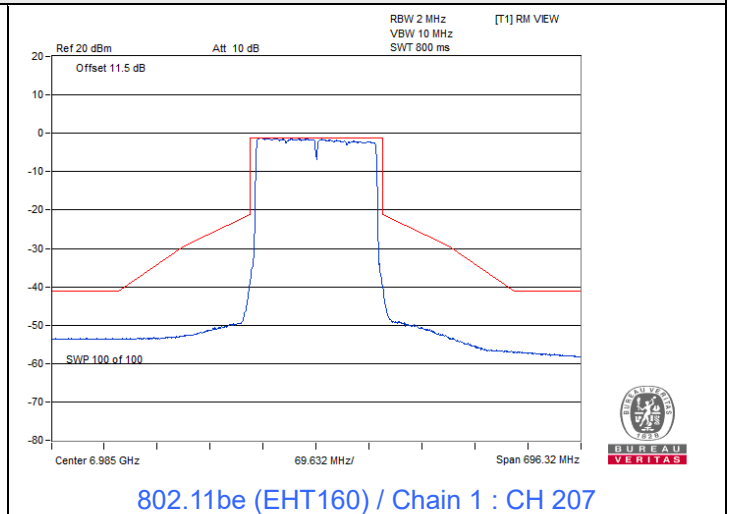
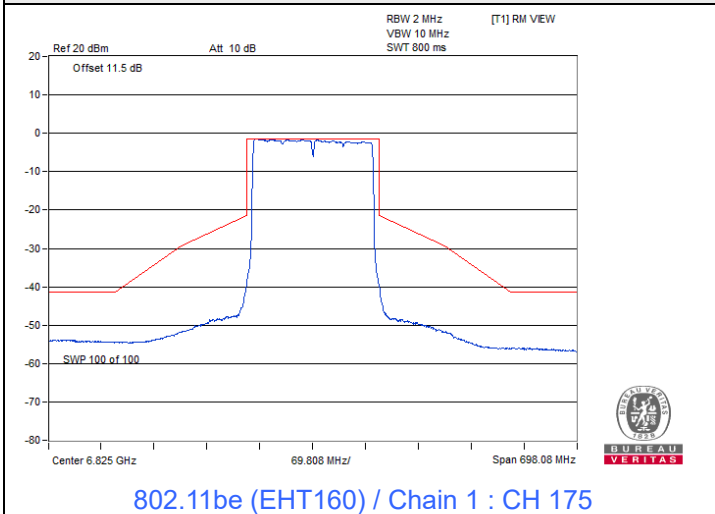
802.11be (EHT160) Beamforming



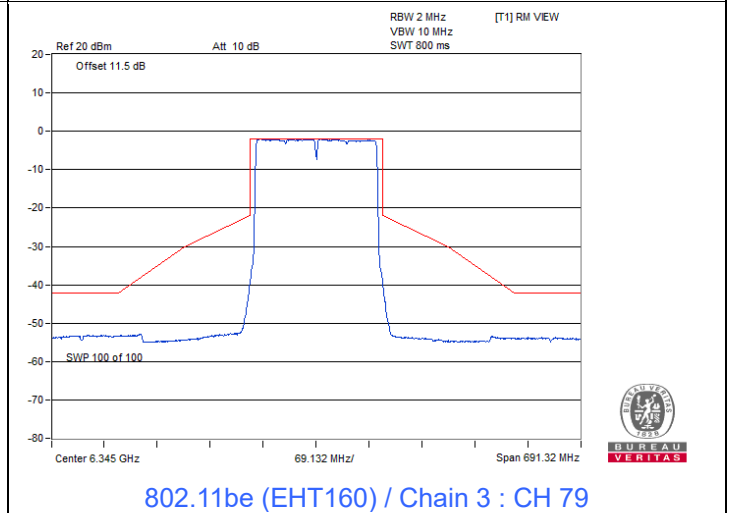
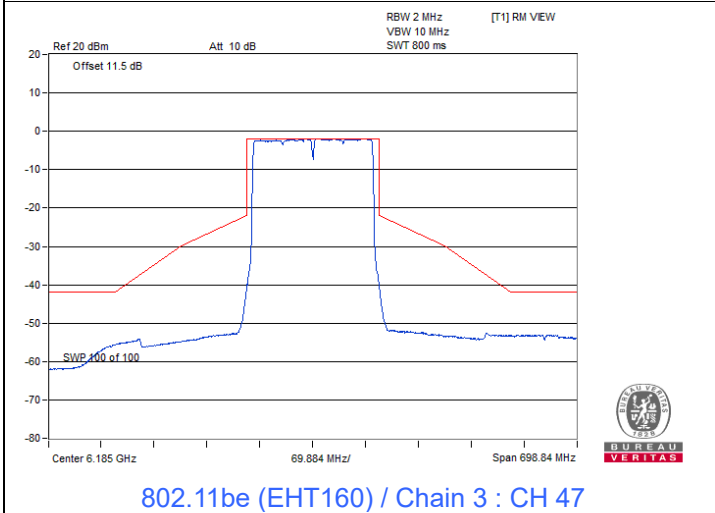
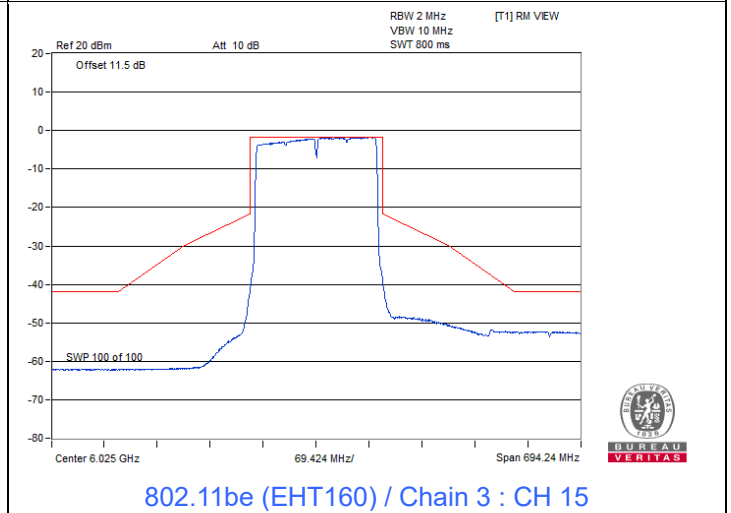
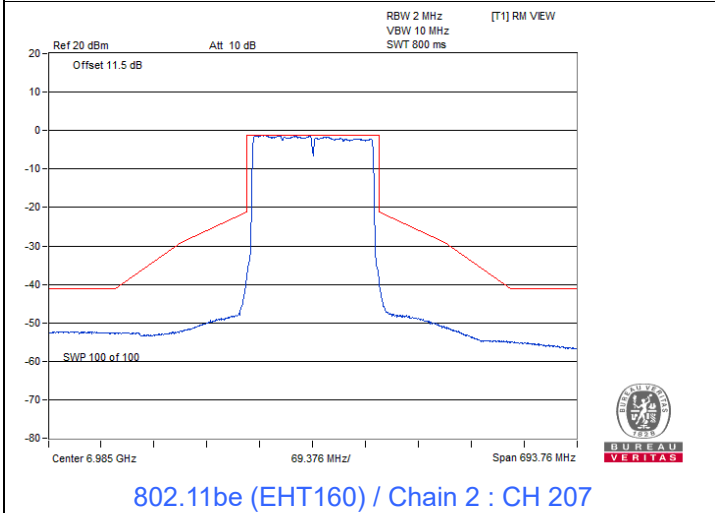
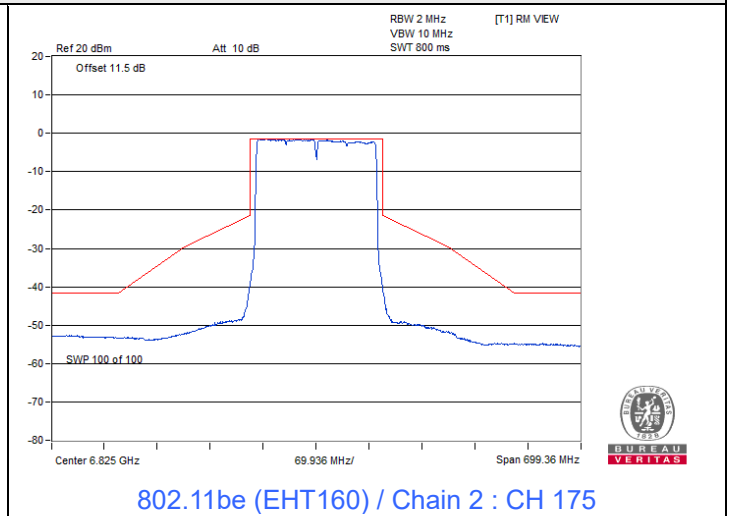
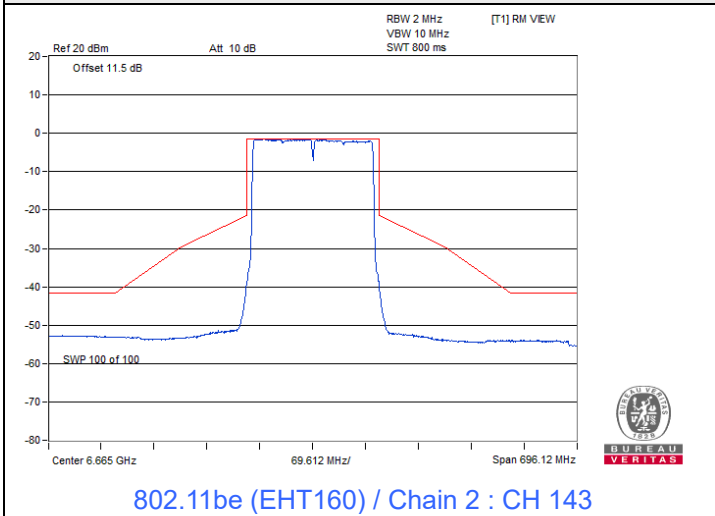
Spectrum Plot



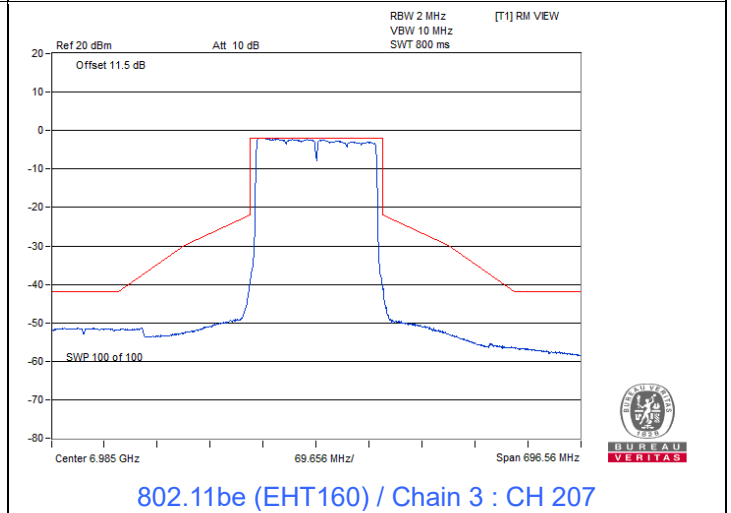
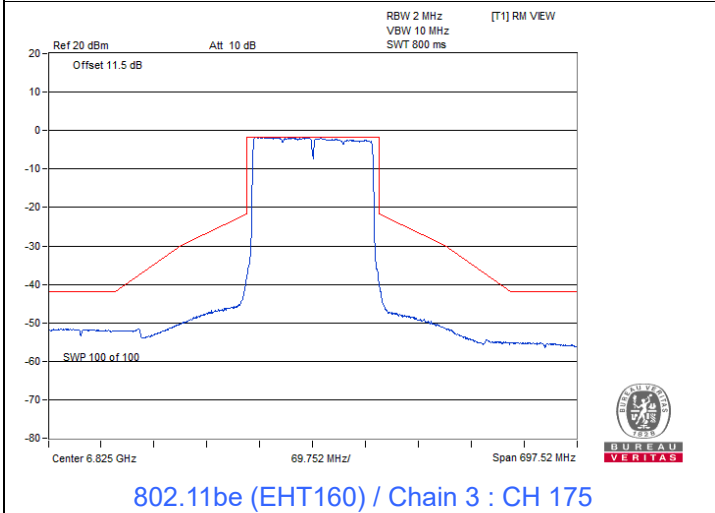
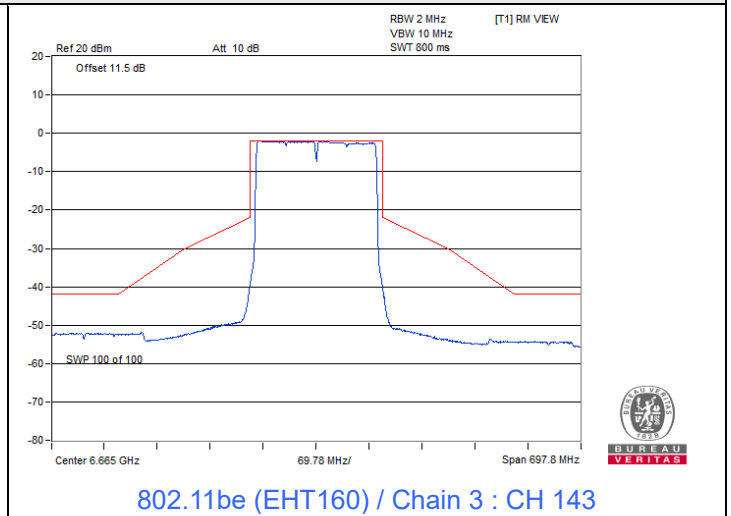
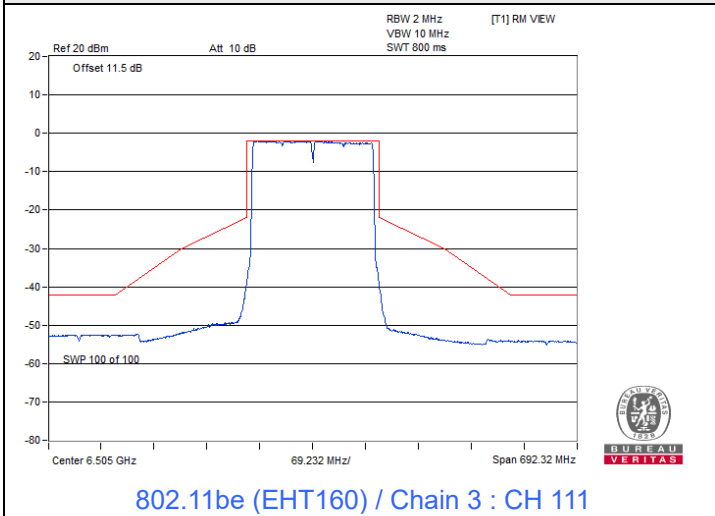
Spectrum Plot



Spectrum Plot



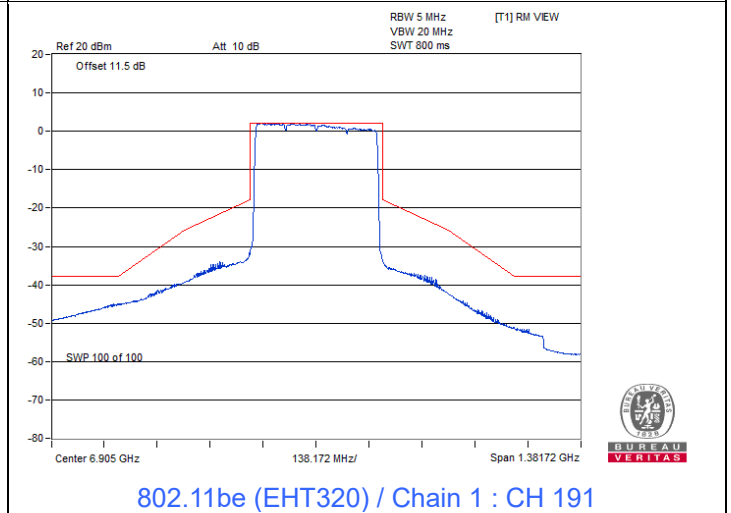
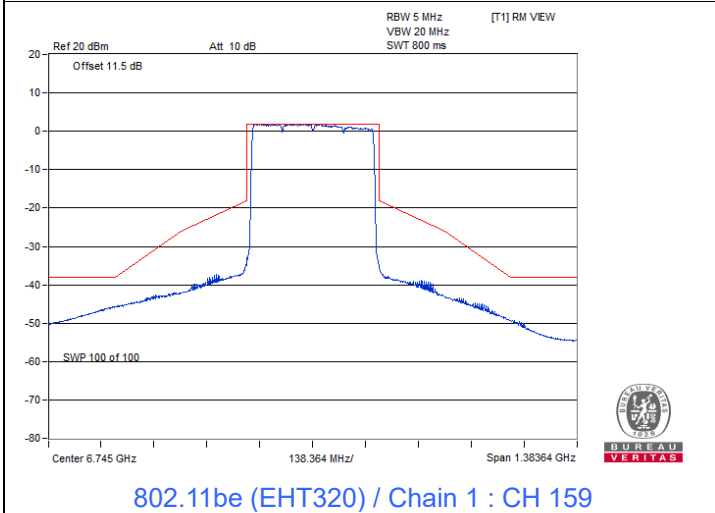
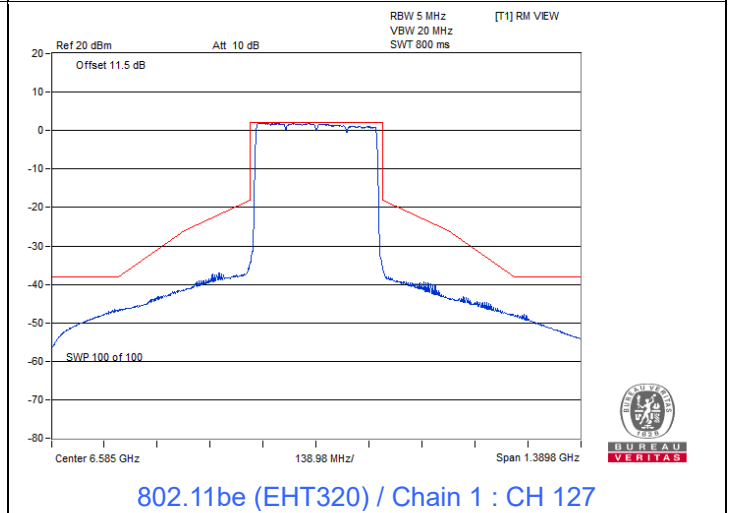
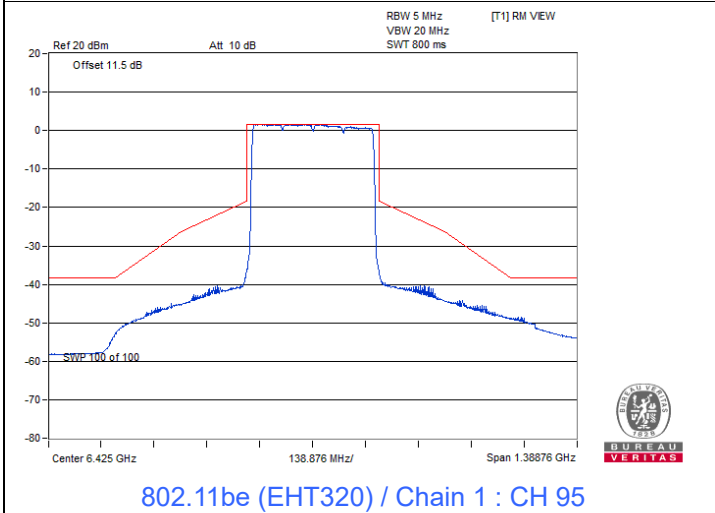
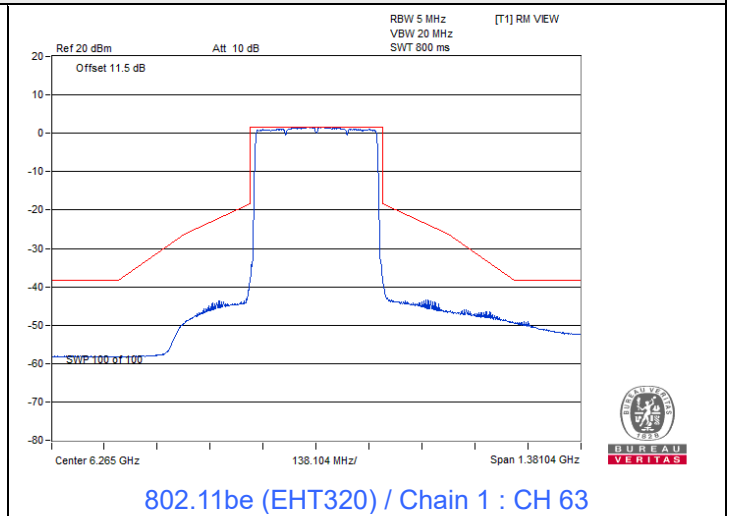
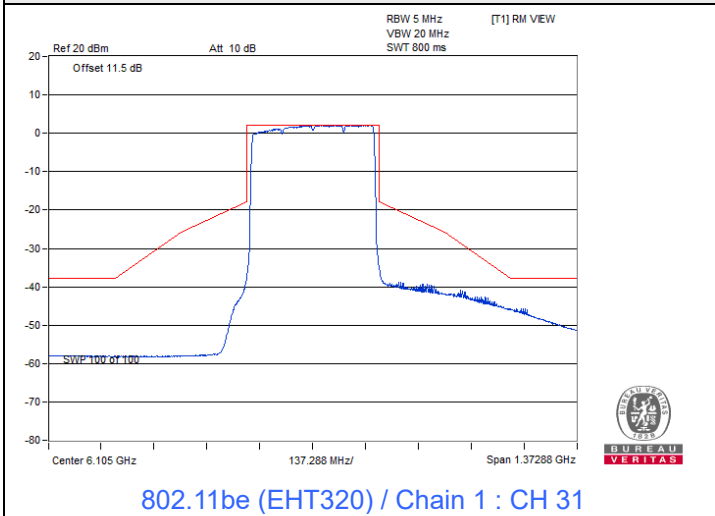
Spectrum Plot



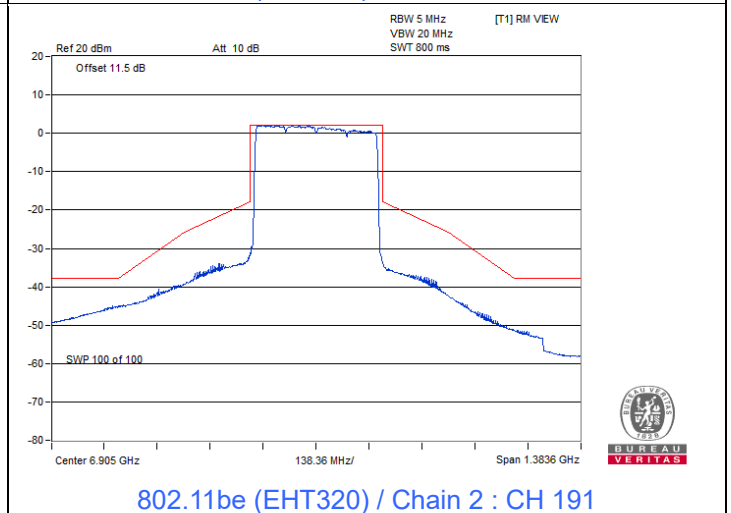
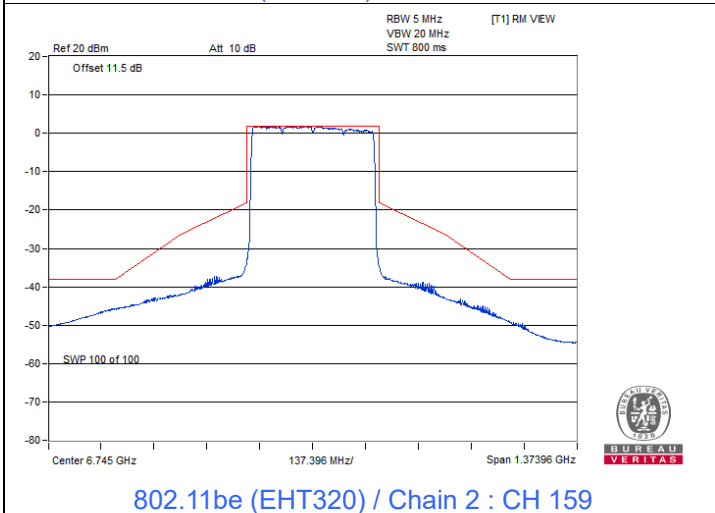
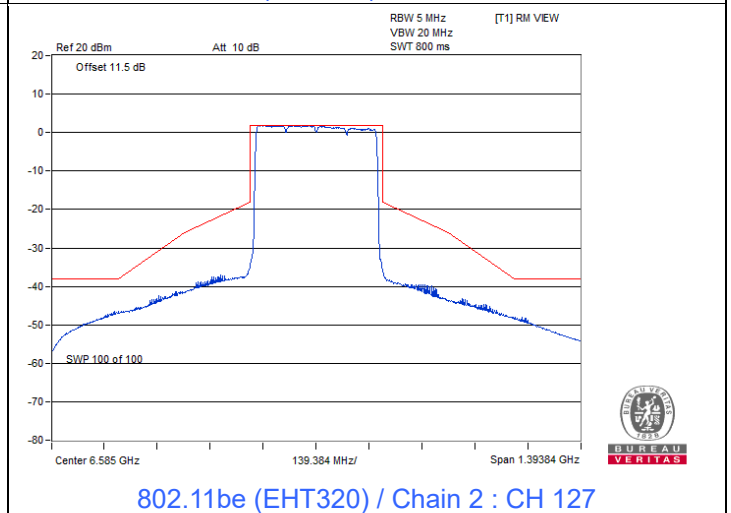
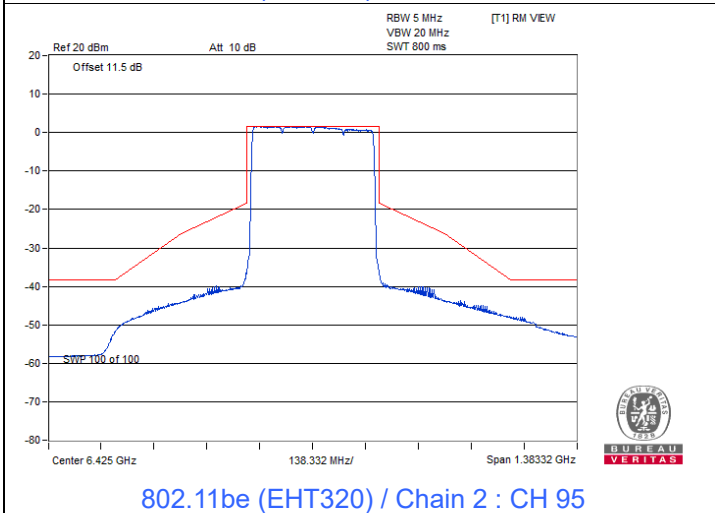
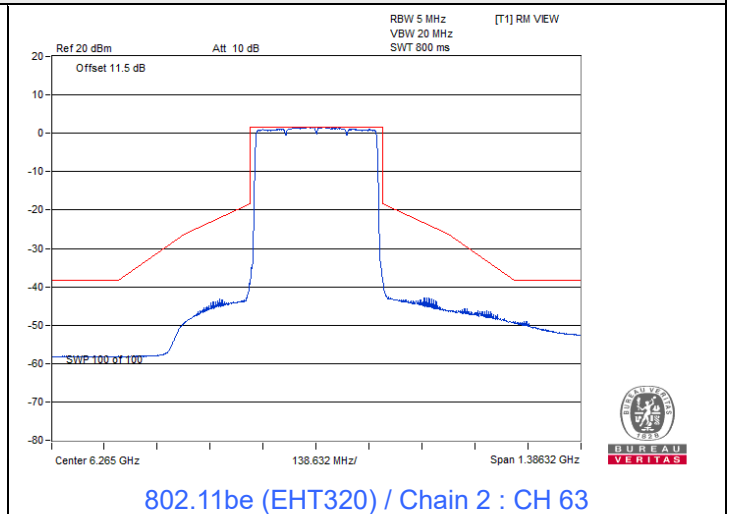
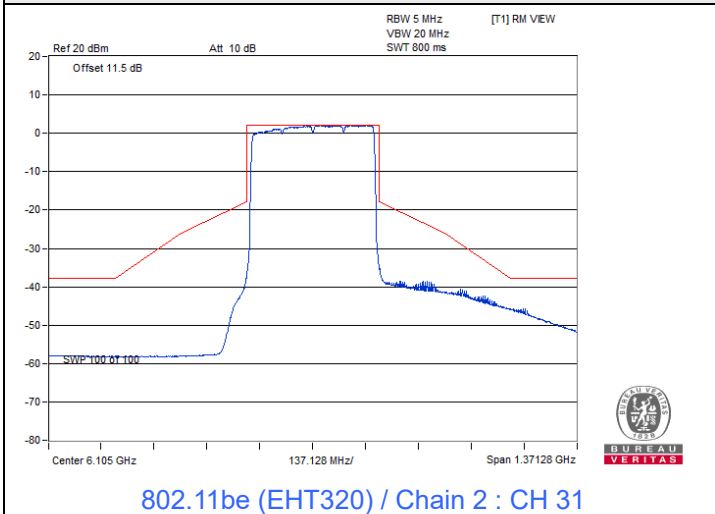
802.11be (EHT320) Beamforming



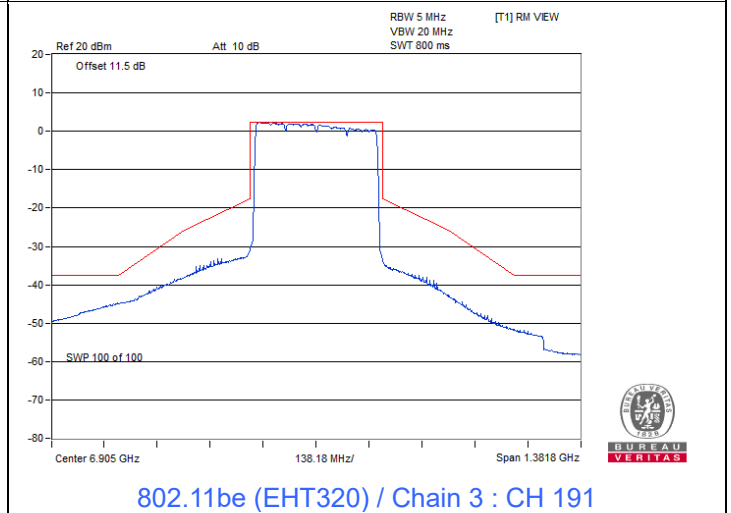
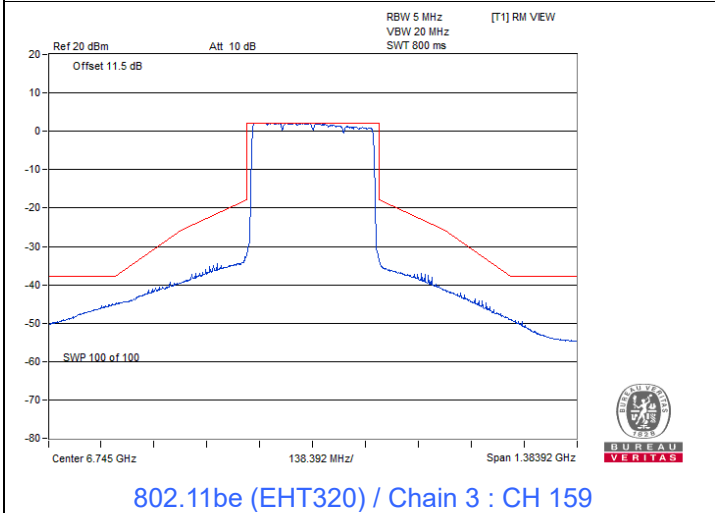
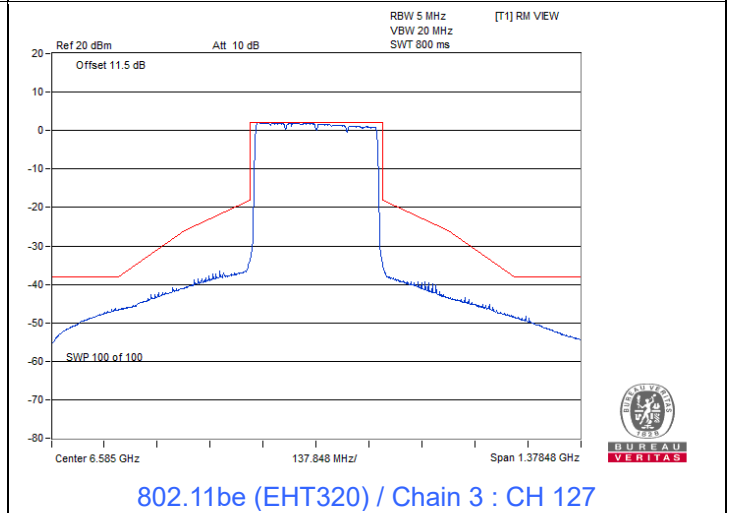
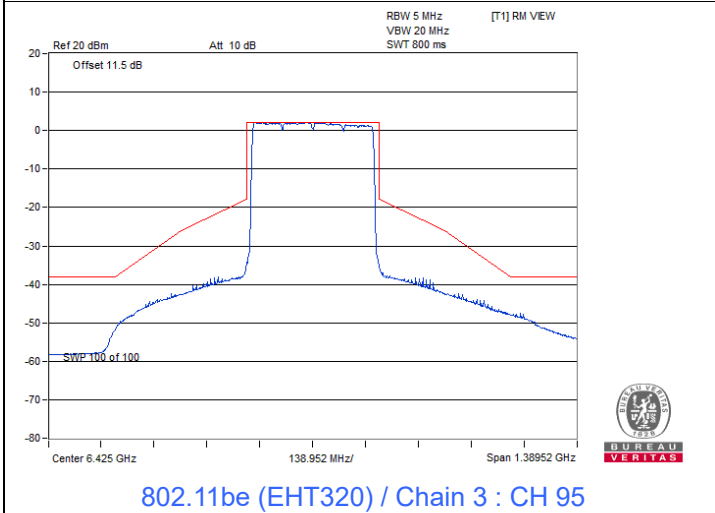
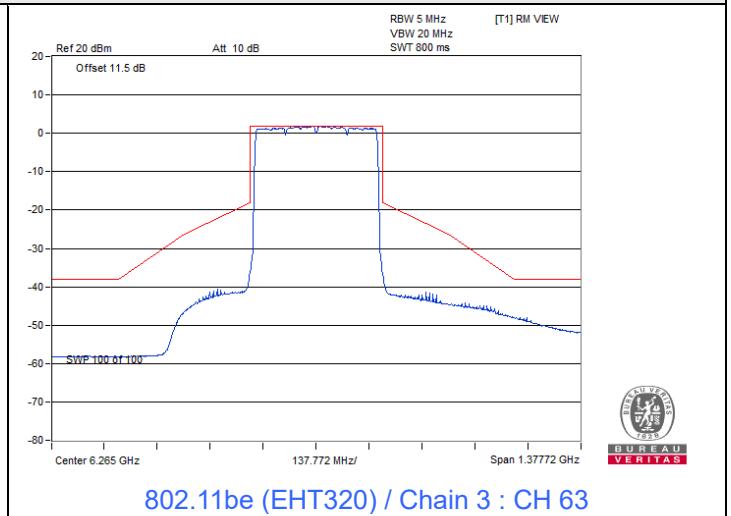
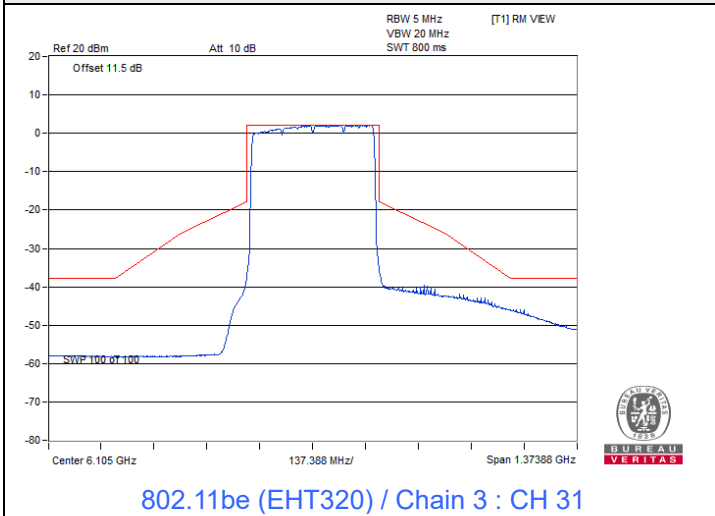
Spectrum Plot



Spectrum Plot

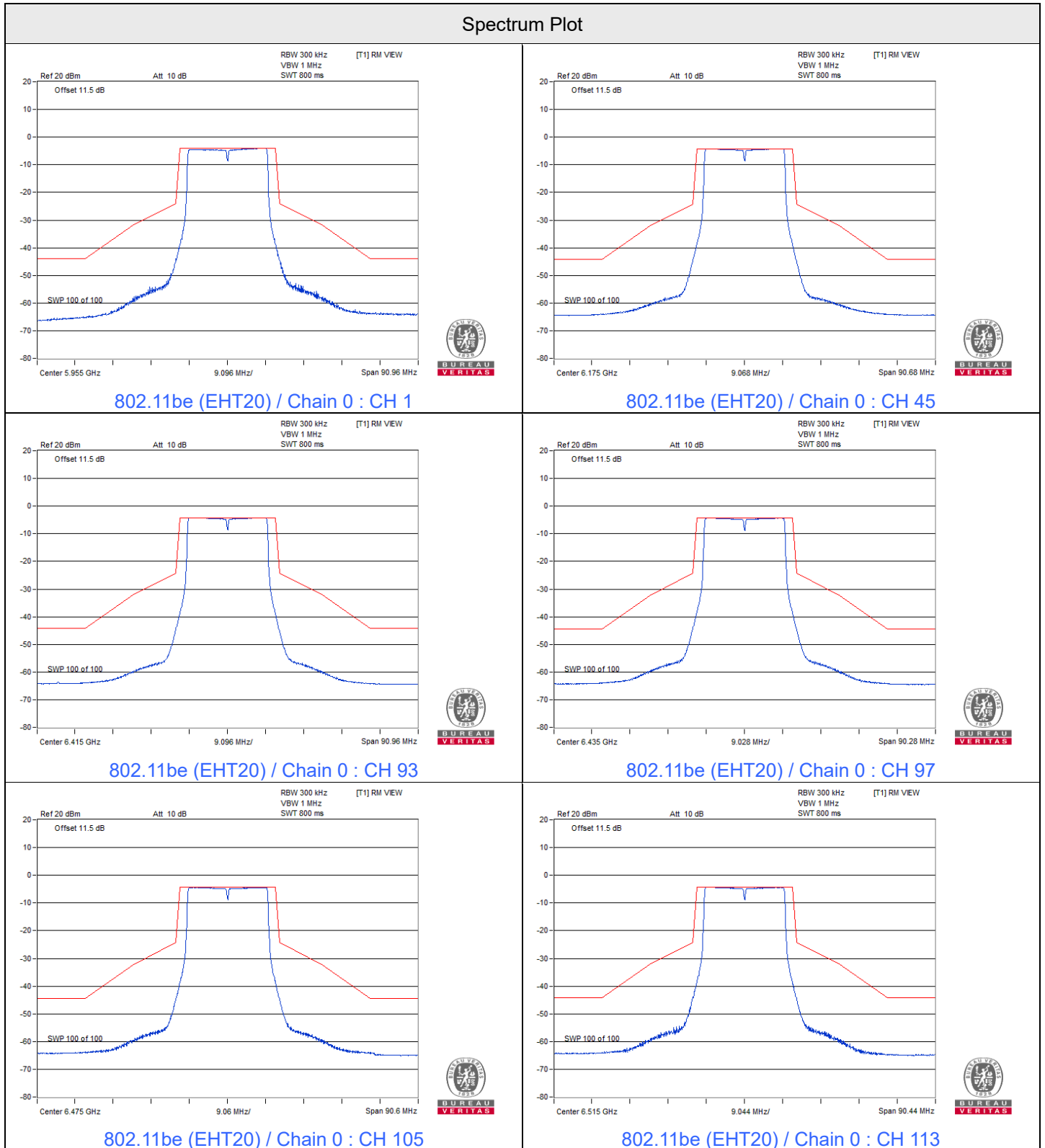


Spectrum Plot

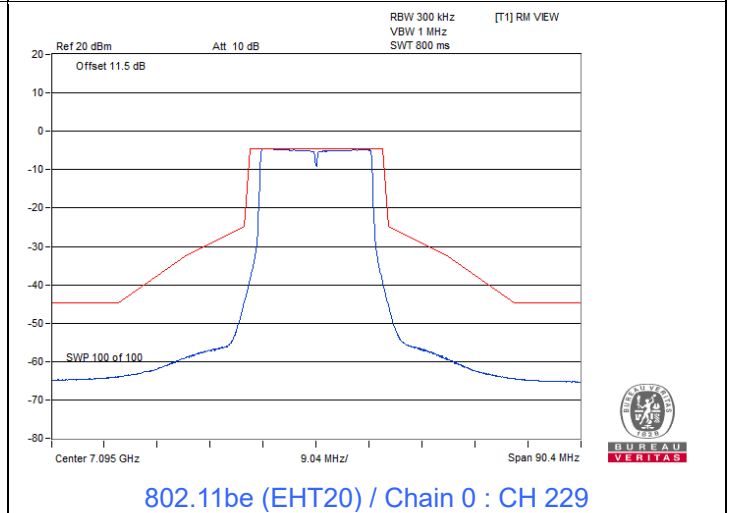
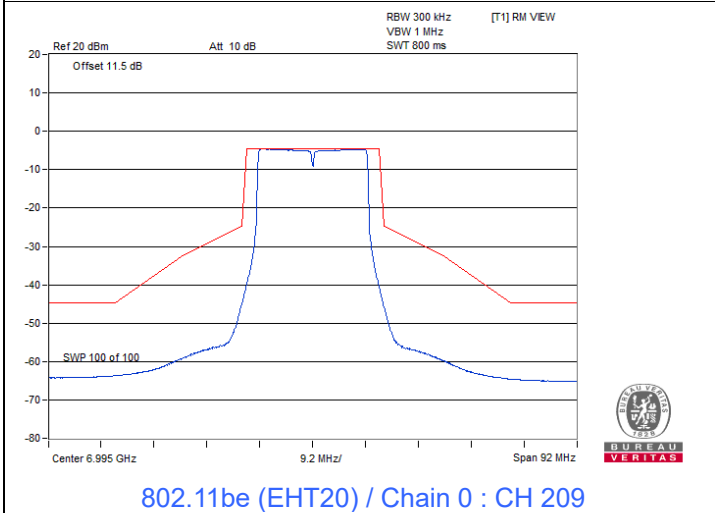
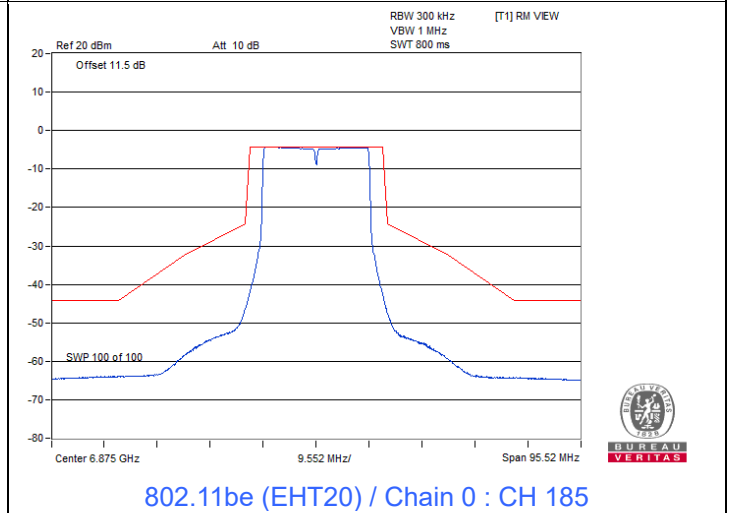
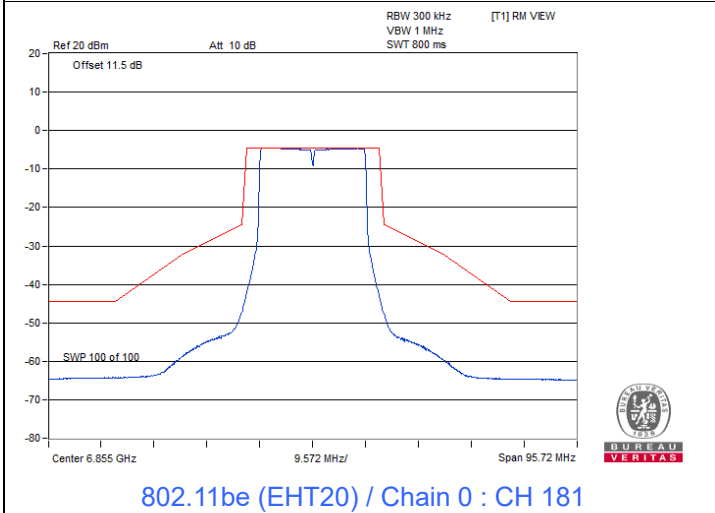
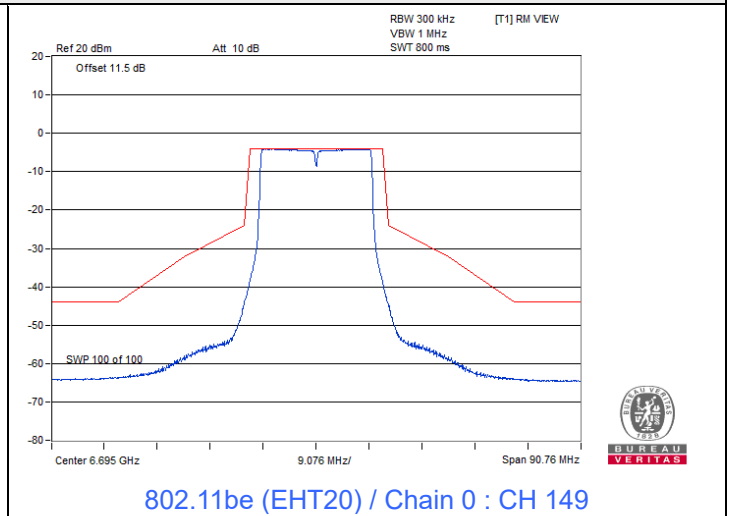
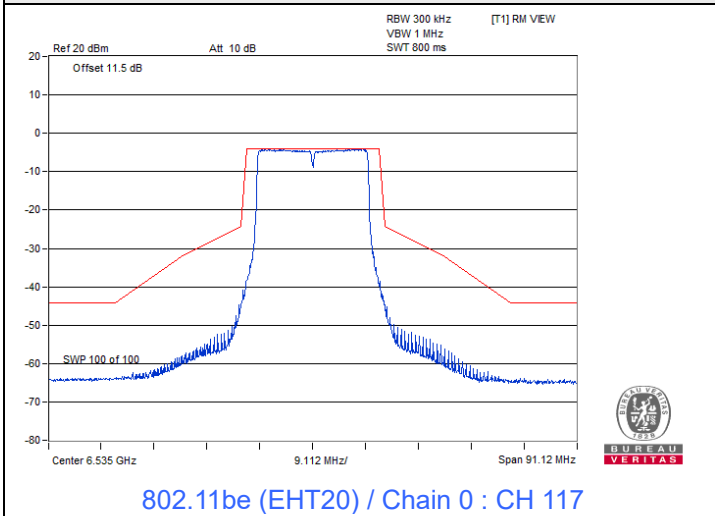


Beamforming (4T4S)

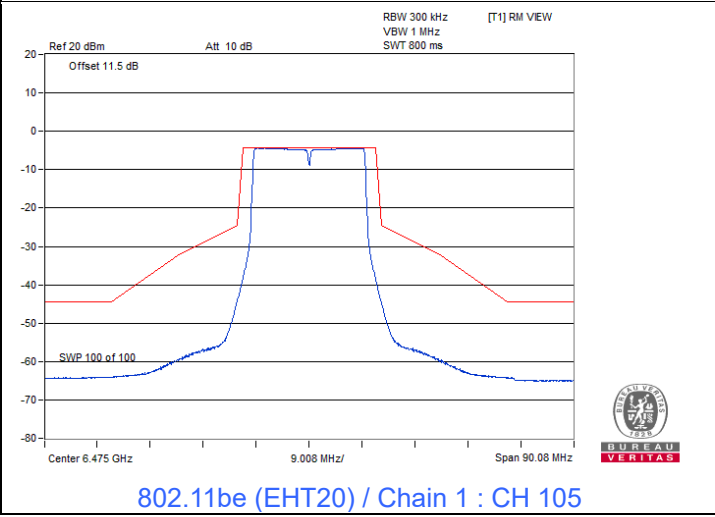
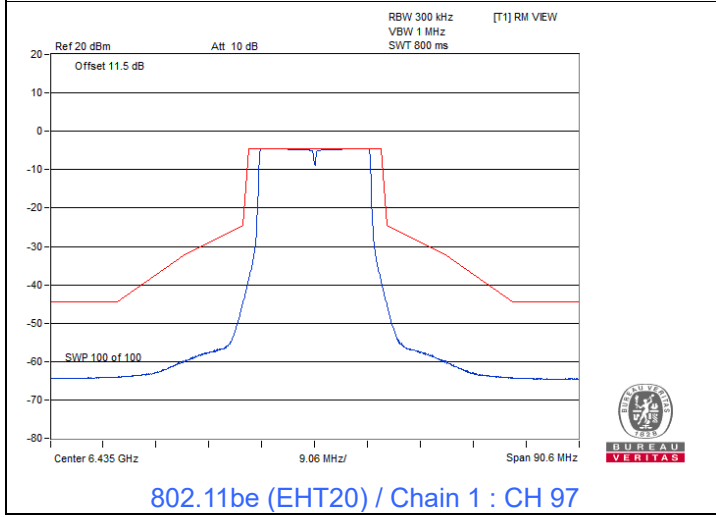
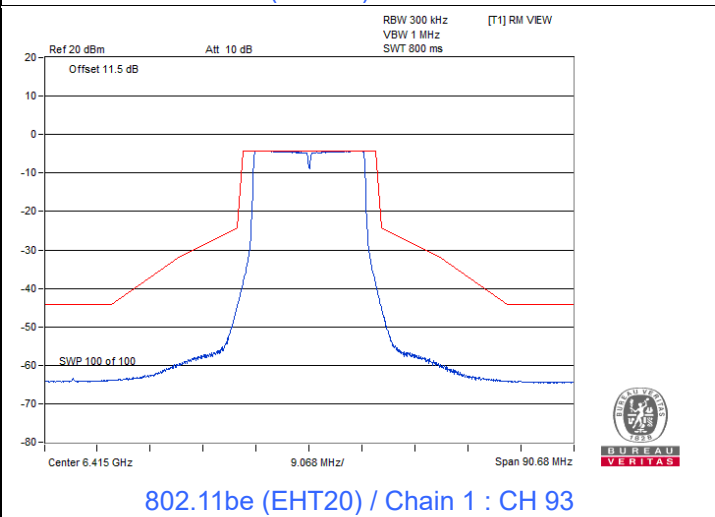
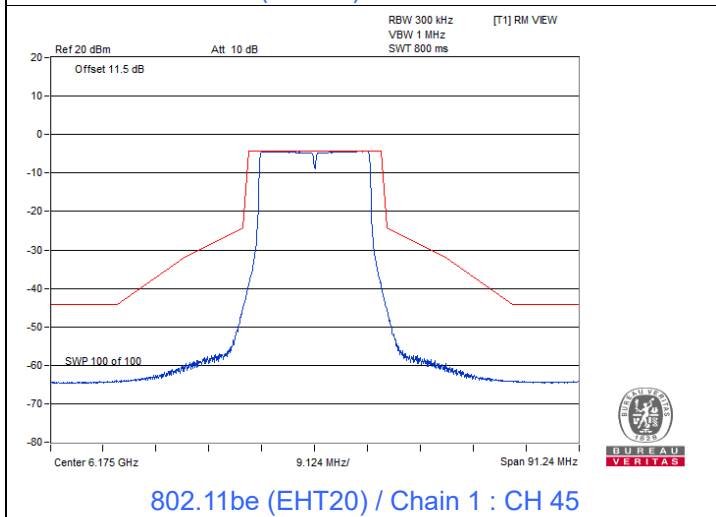
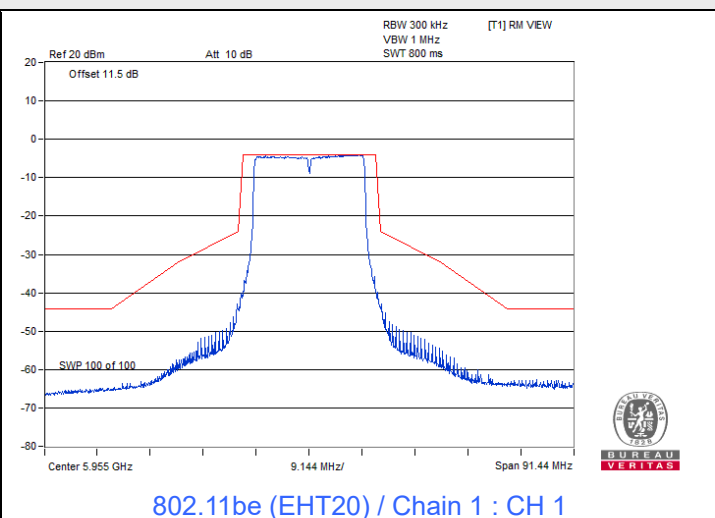
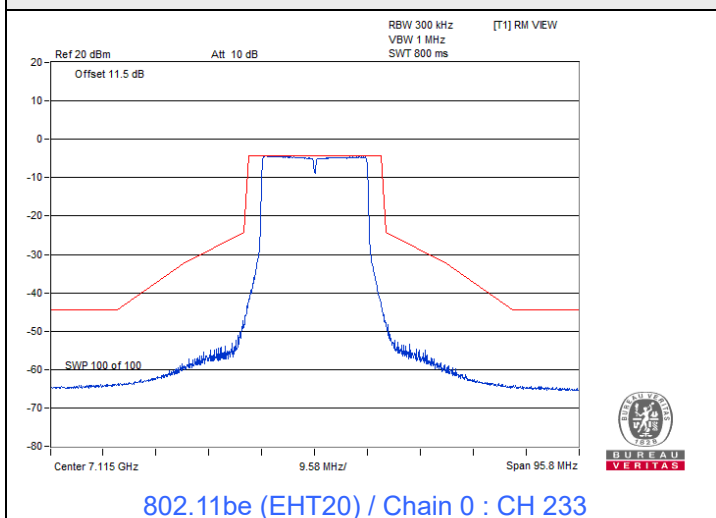
802.11be (EHT20) Beamforming



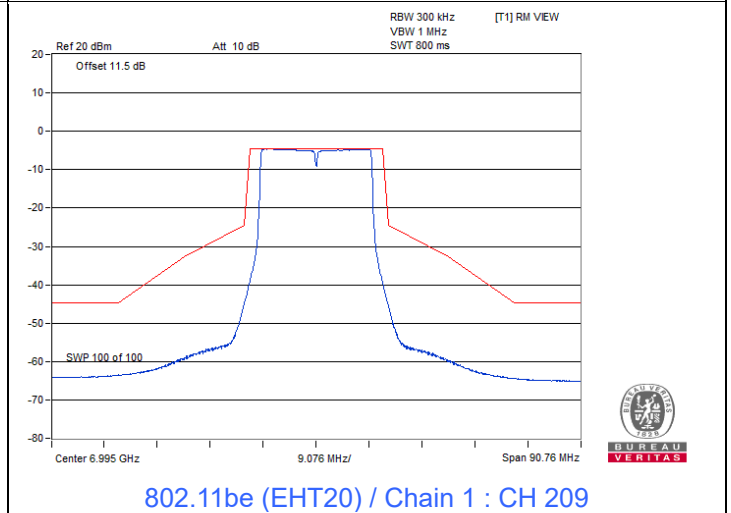
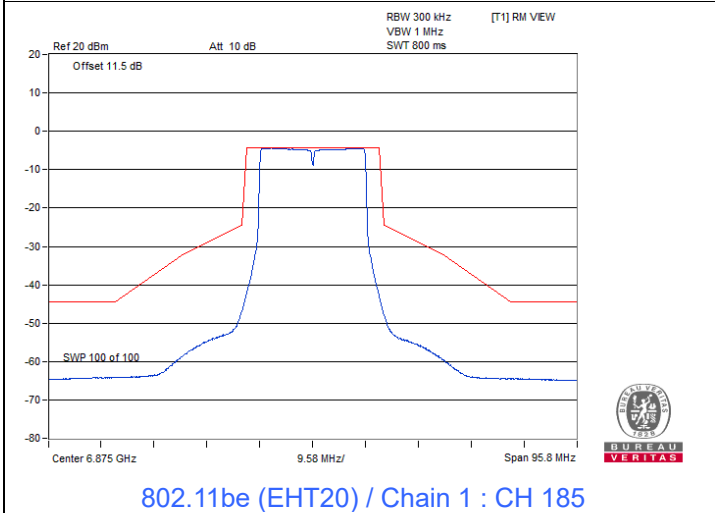
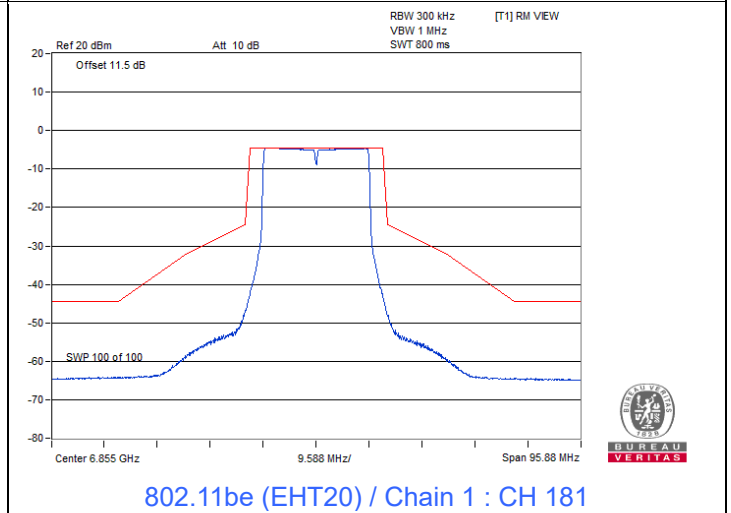
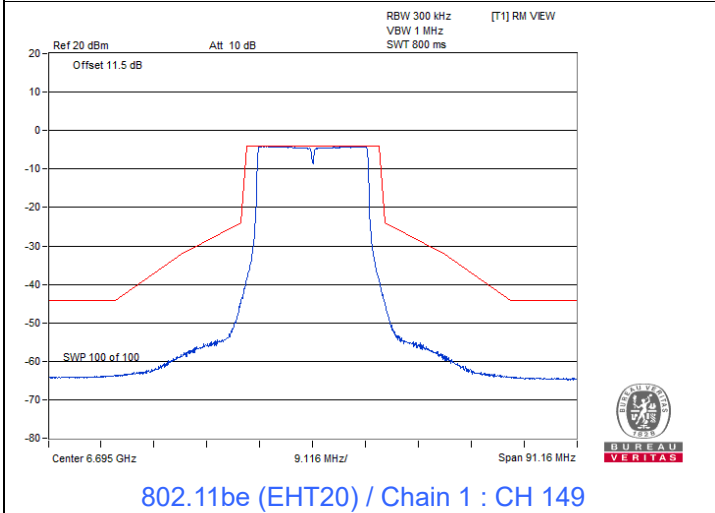
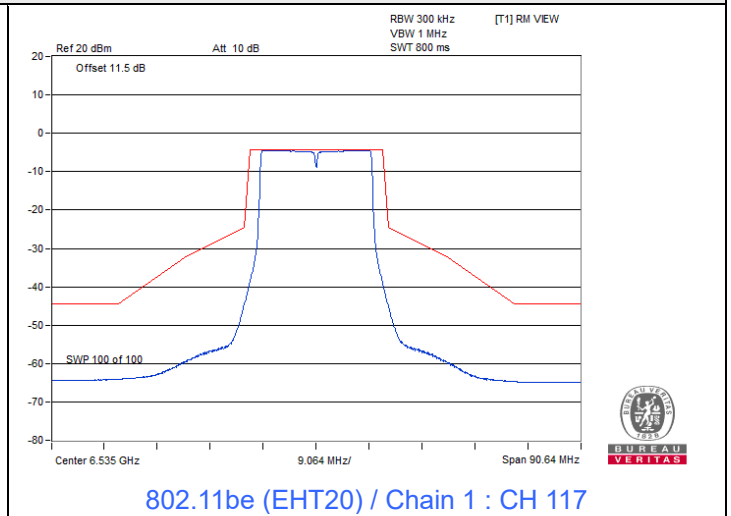
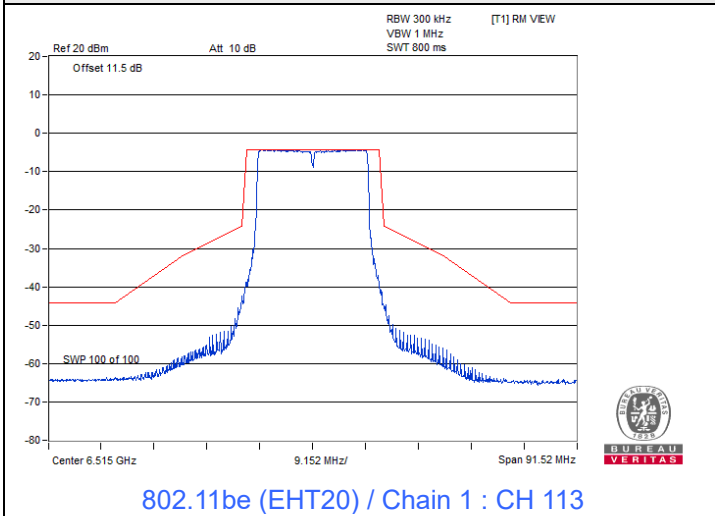
Spectrum Plot



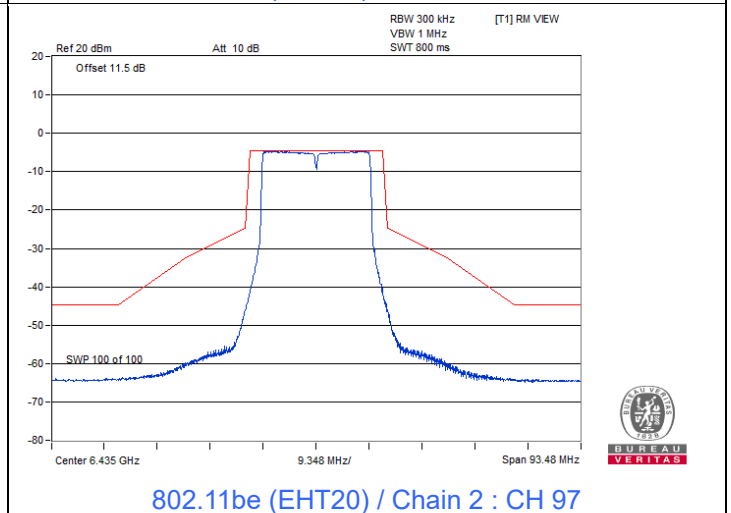
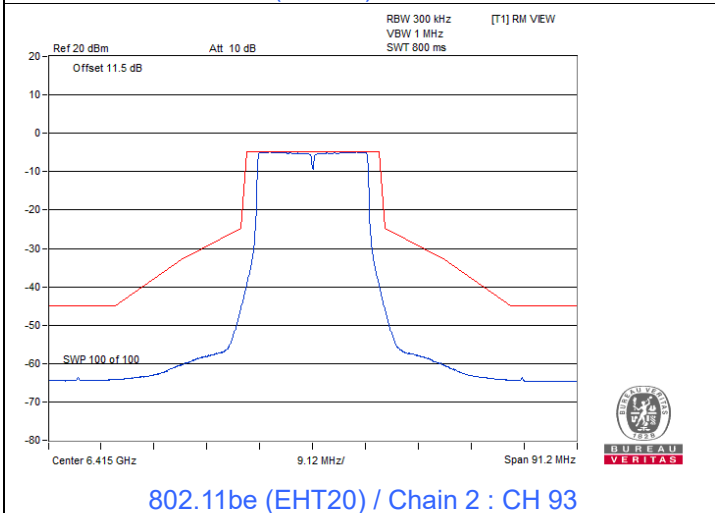
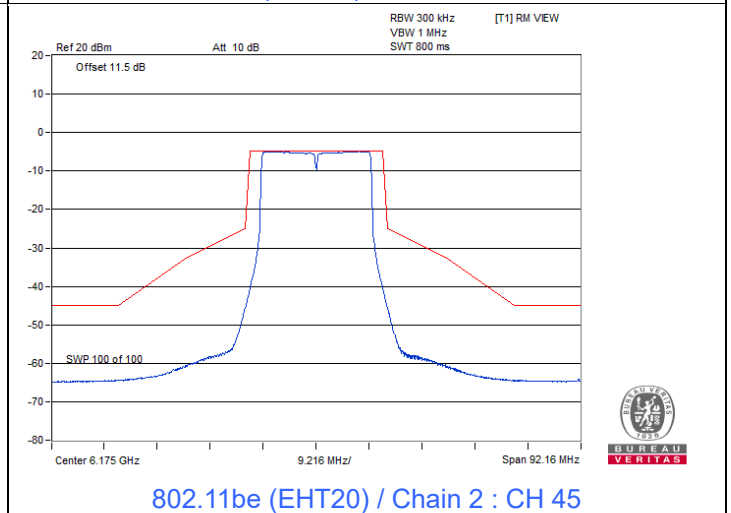
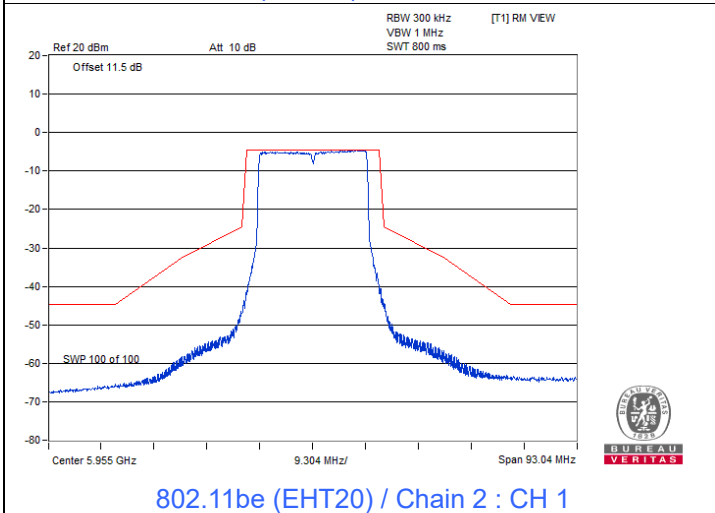
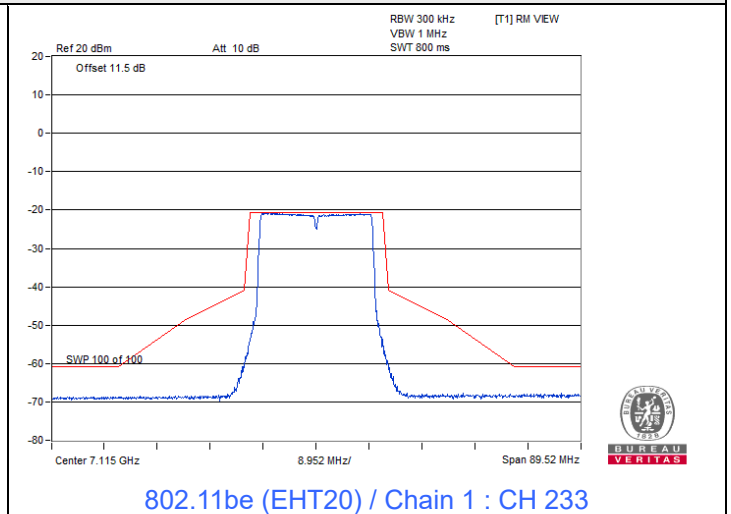
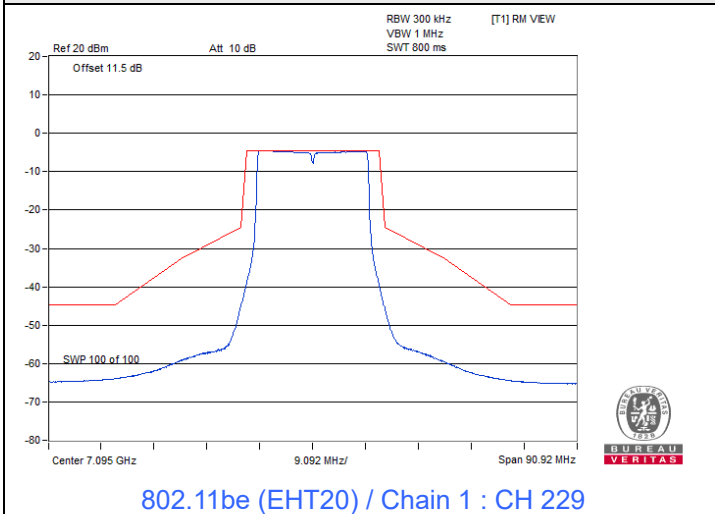
Spectrum Plot



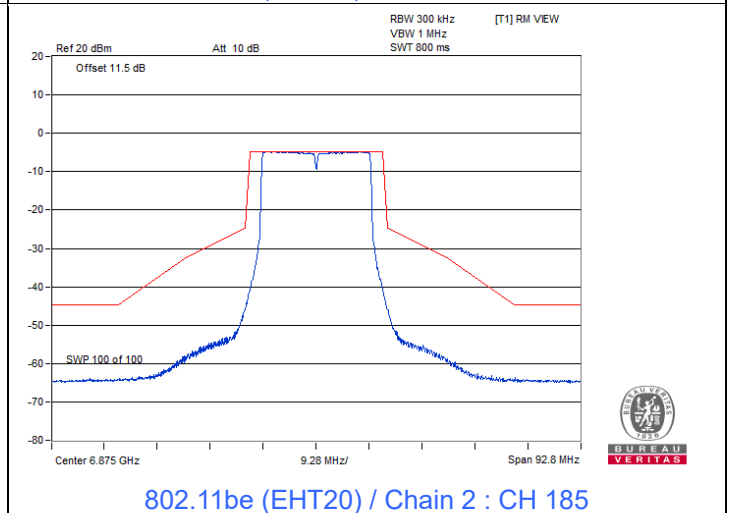
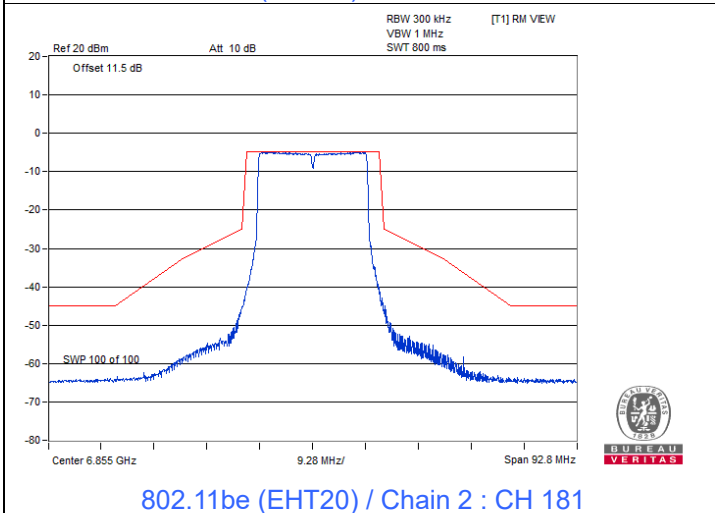
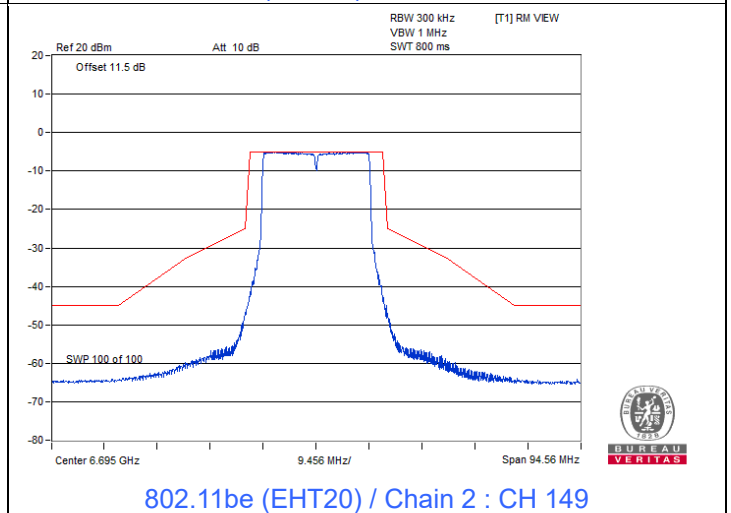
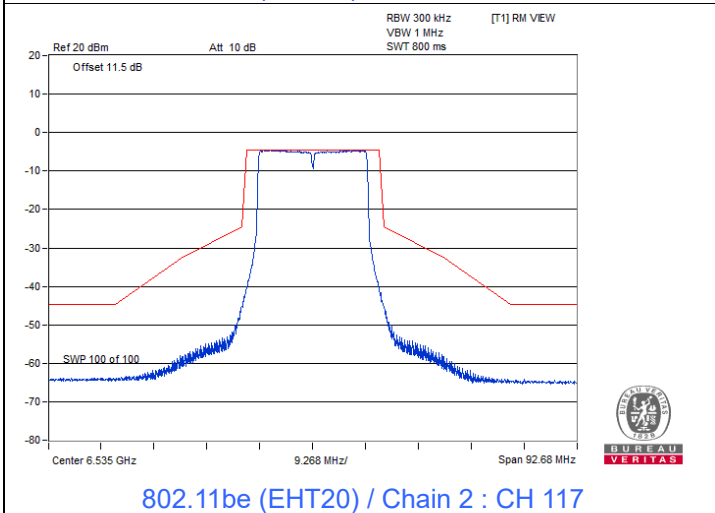
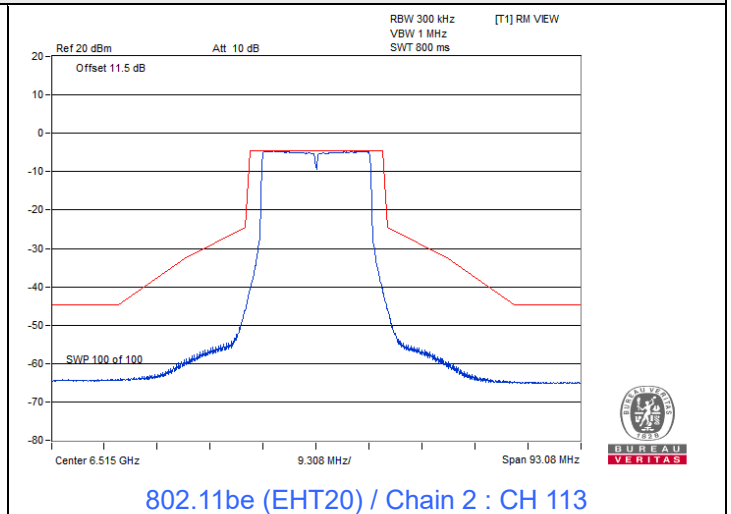
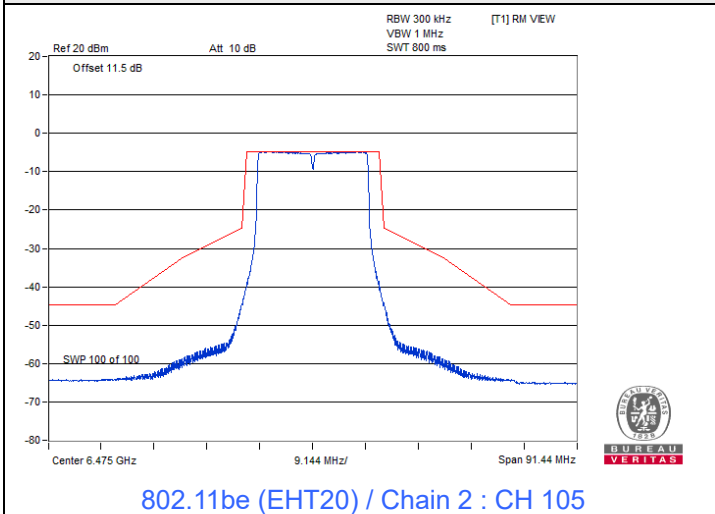
Spectrum Plot



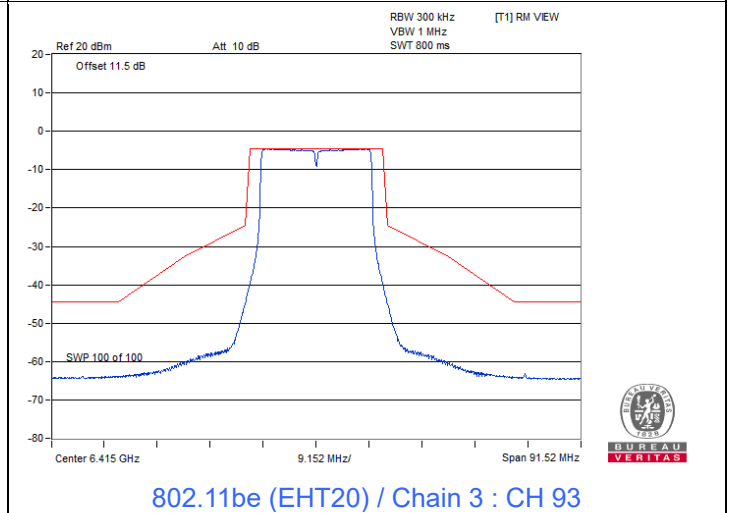
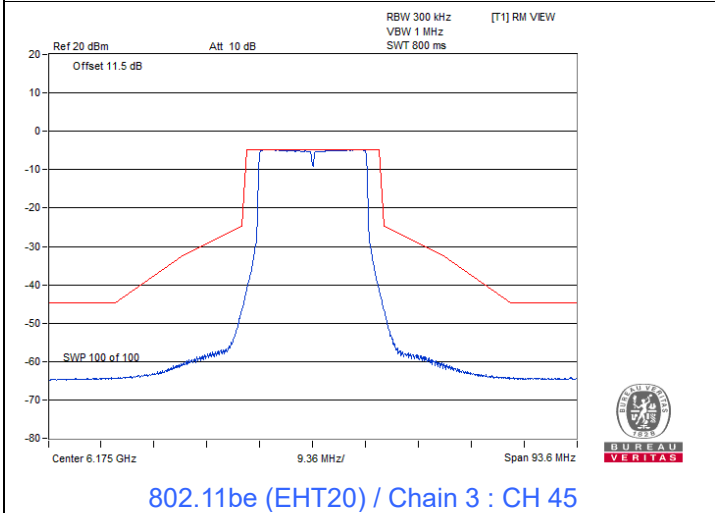
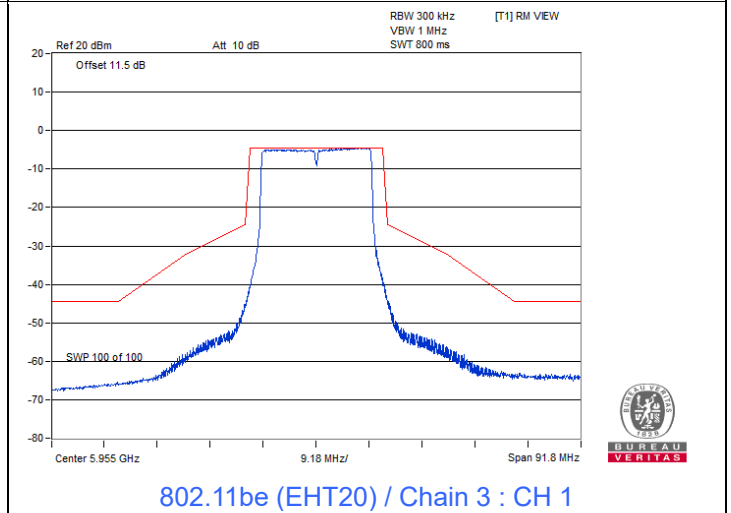
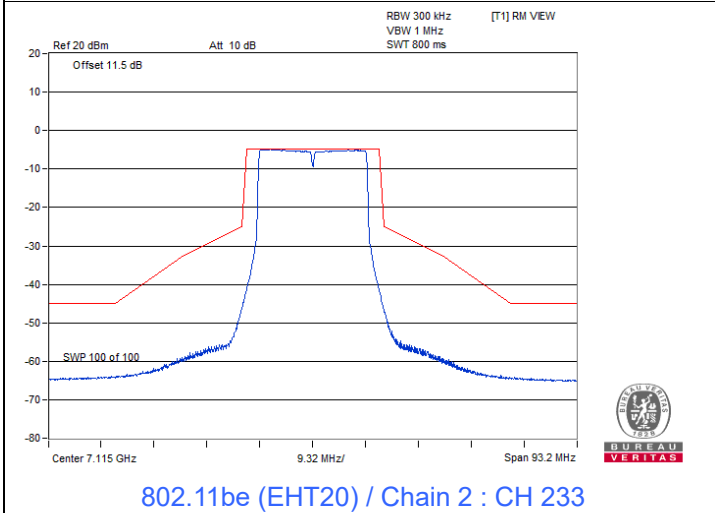
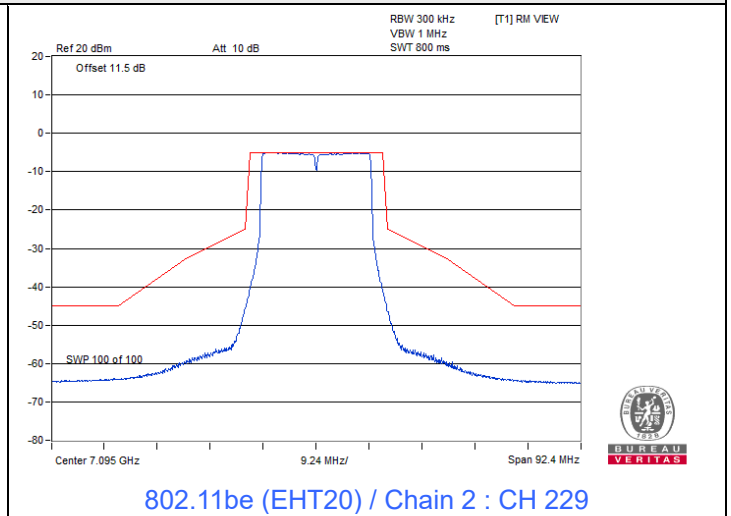
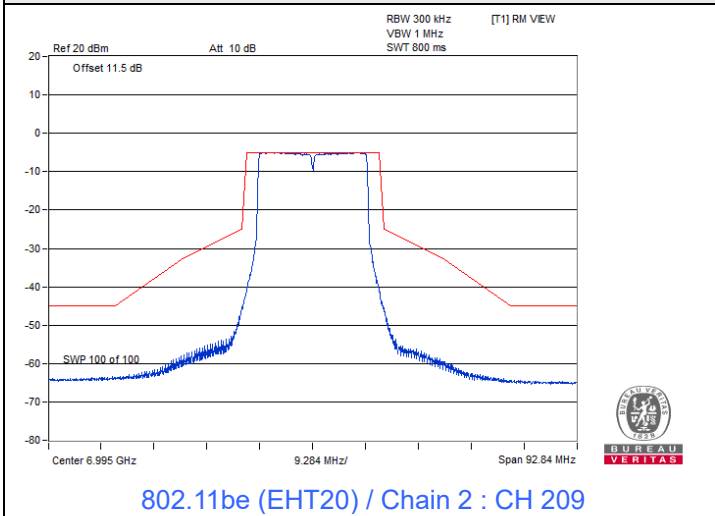
Spectrum Plot



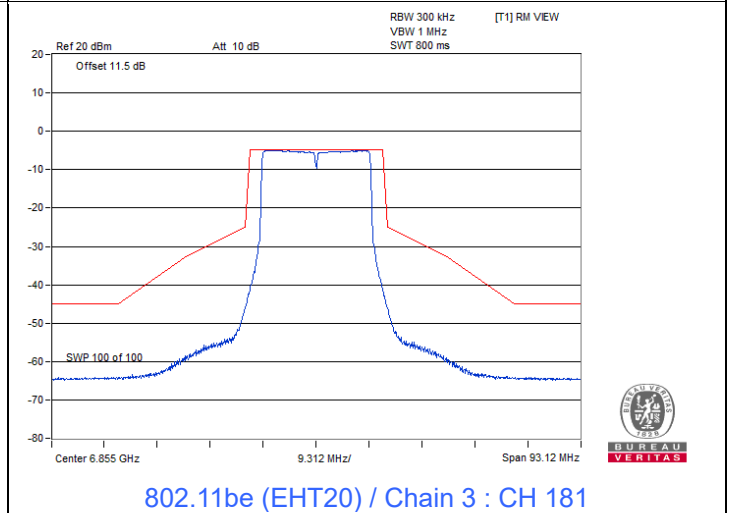
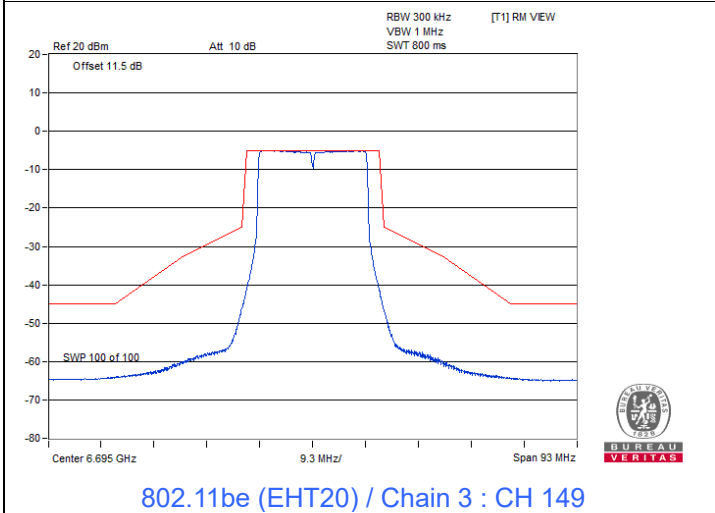
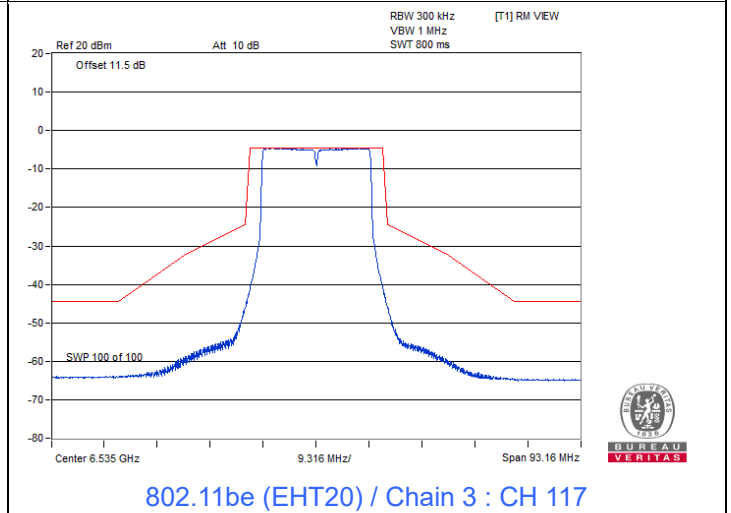
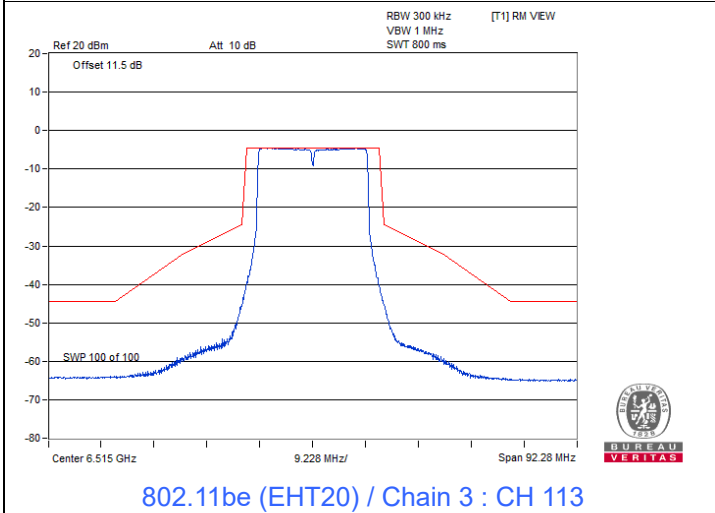
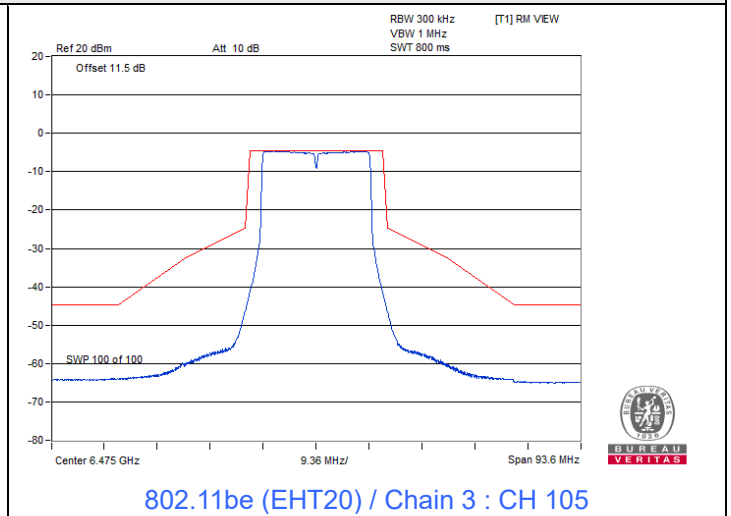
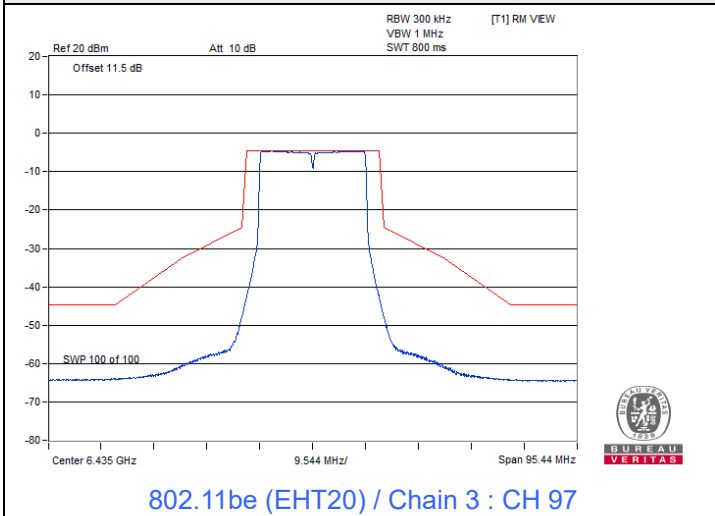
Spectrum Plot



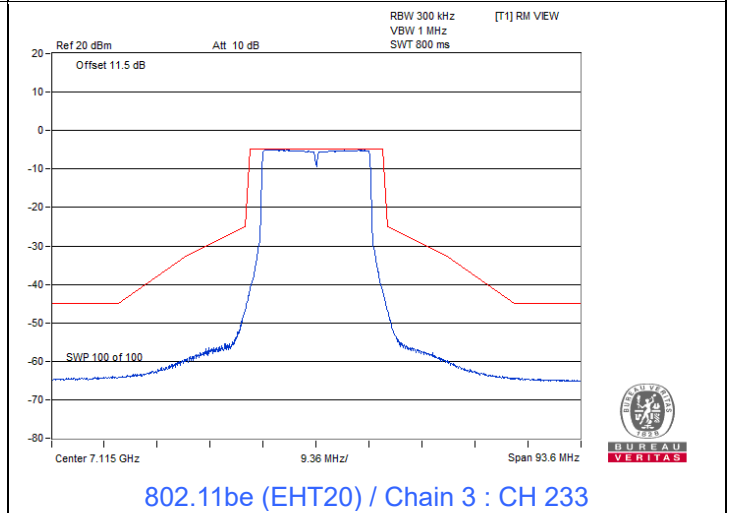
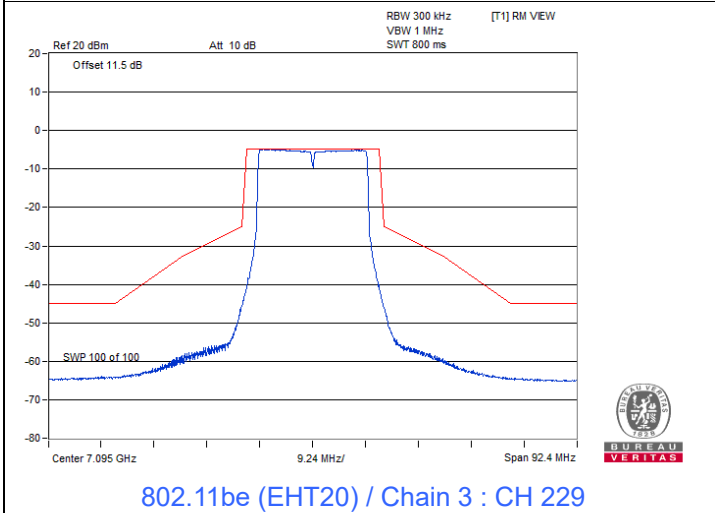
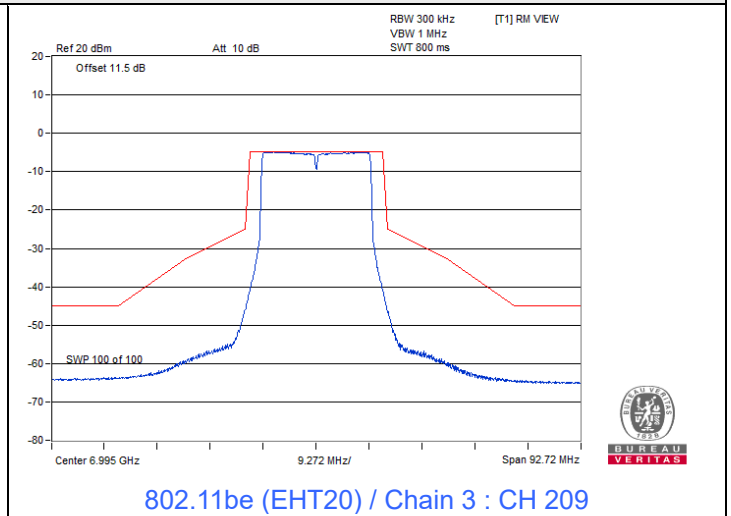
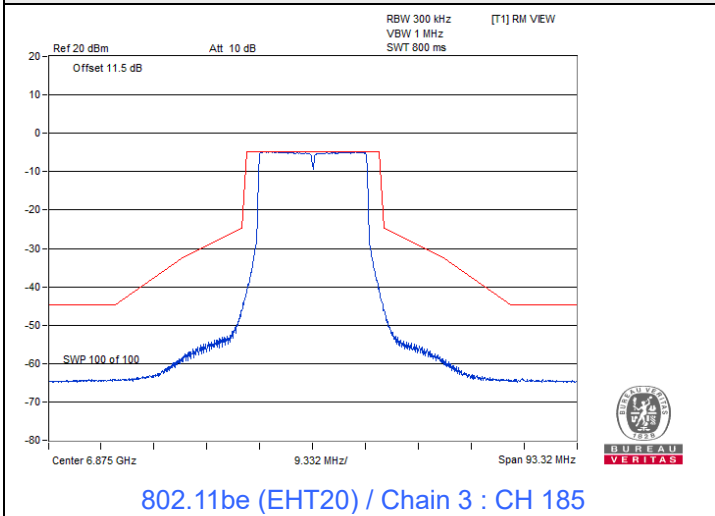
Spectrum Plot



Spectrum Plot



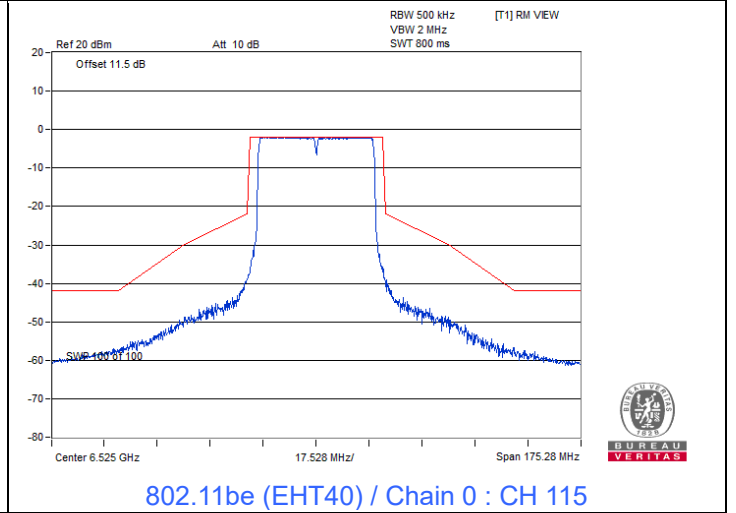
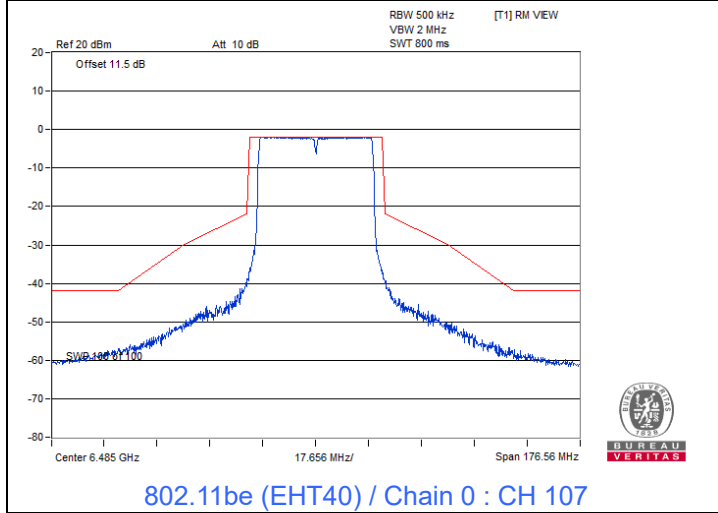
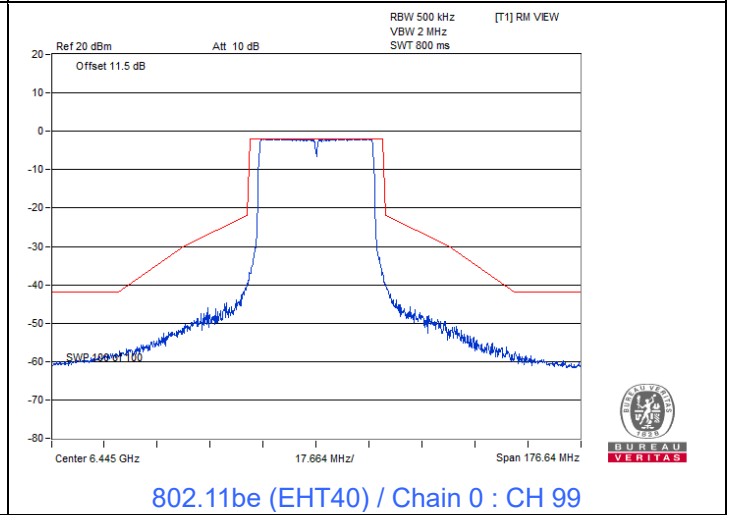
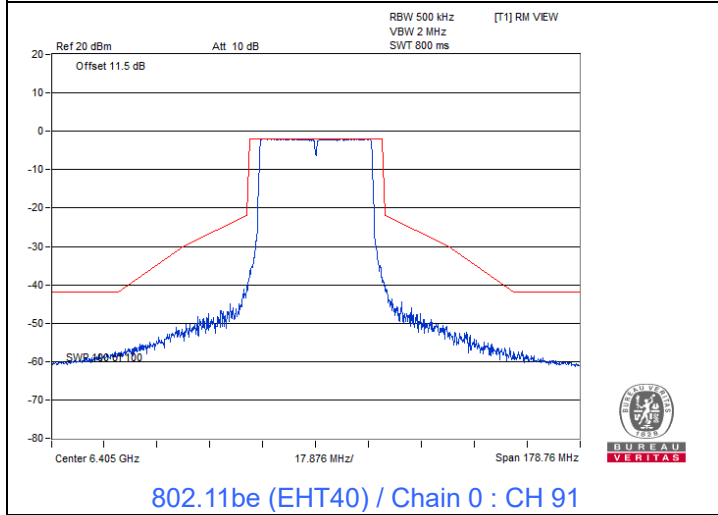
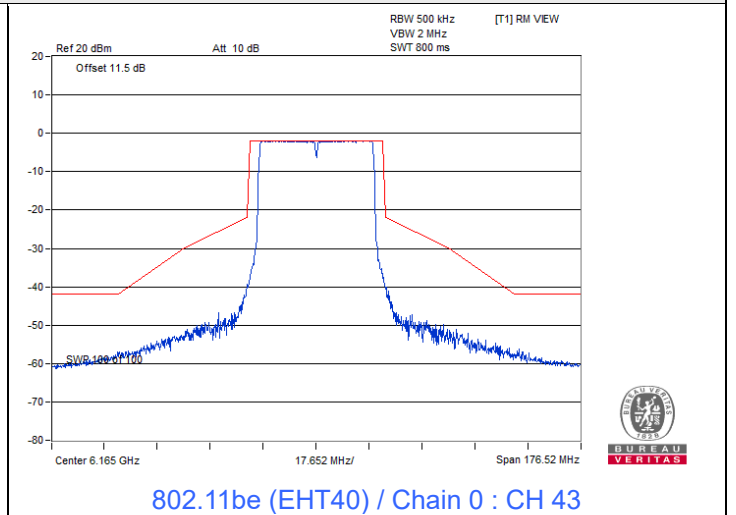
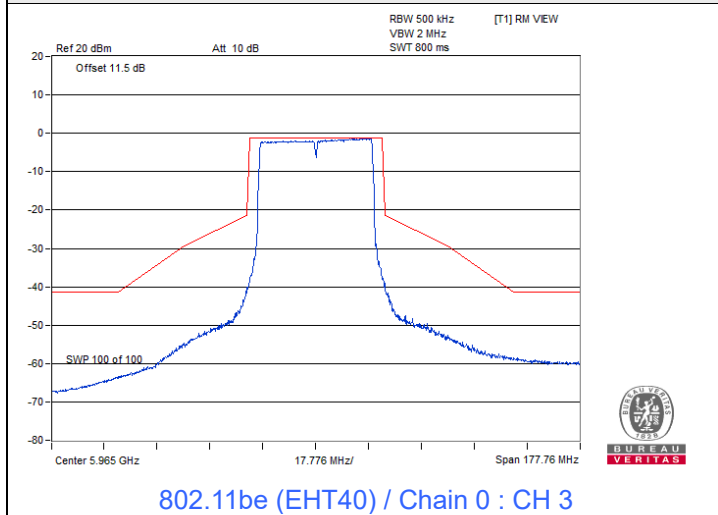
Spectrum Plot



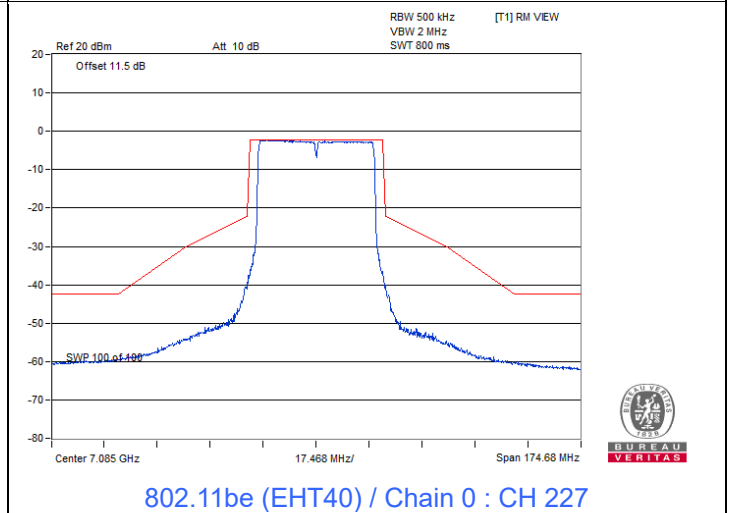
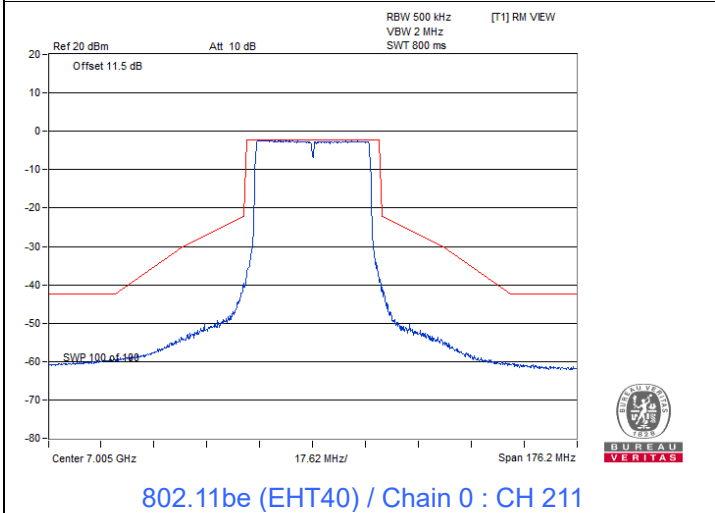
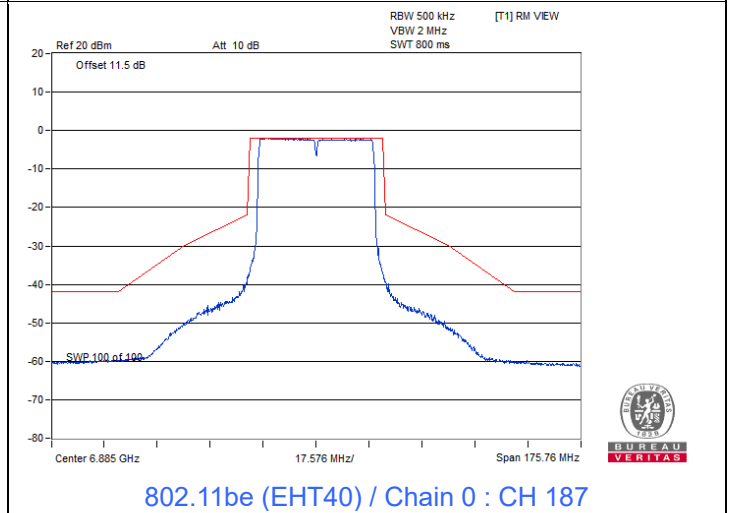
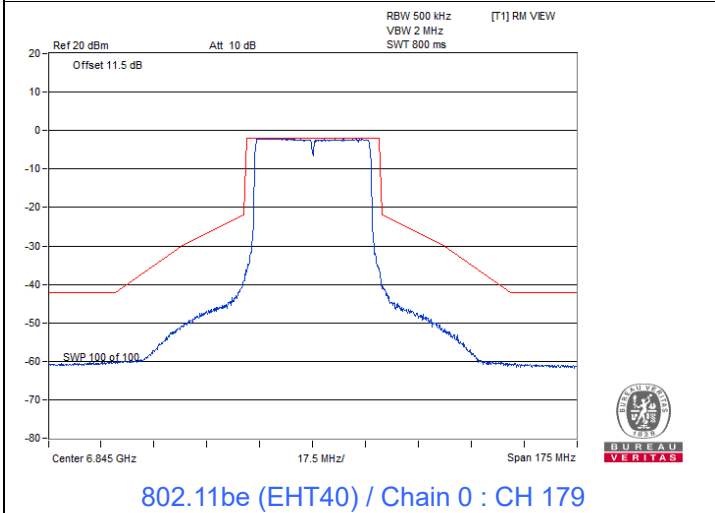
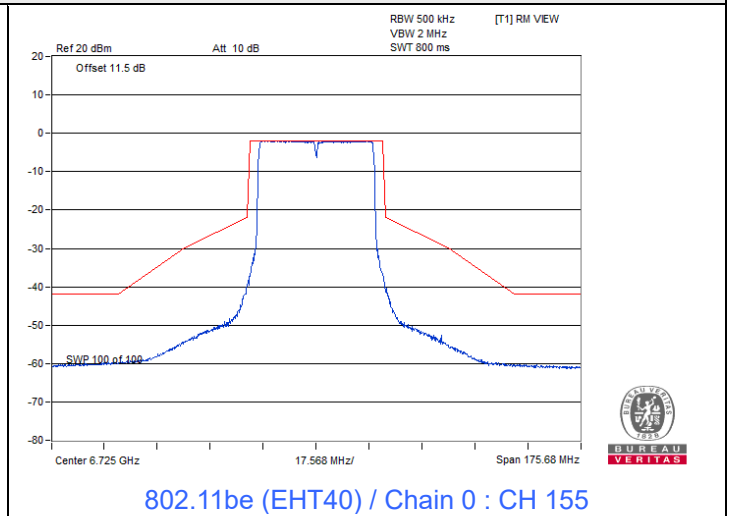
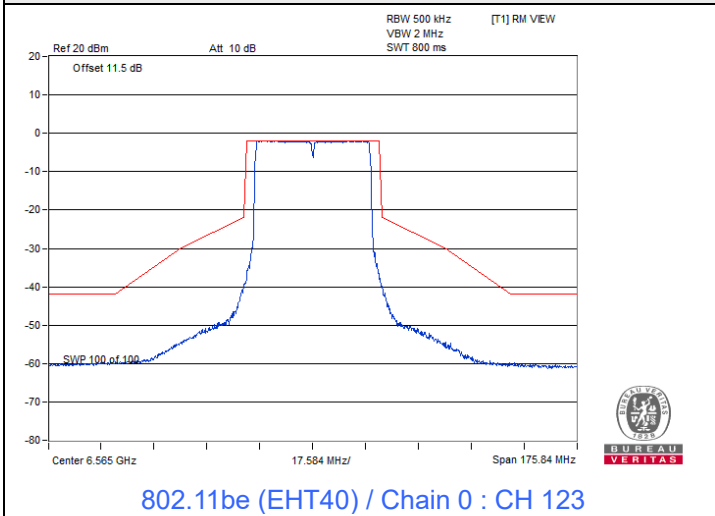


802.11be (EHT40) Beamforming

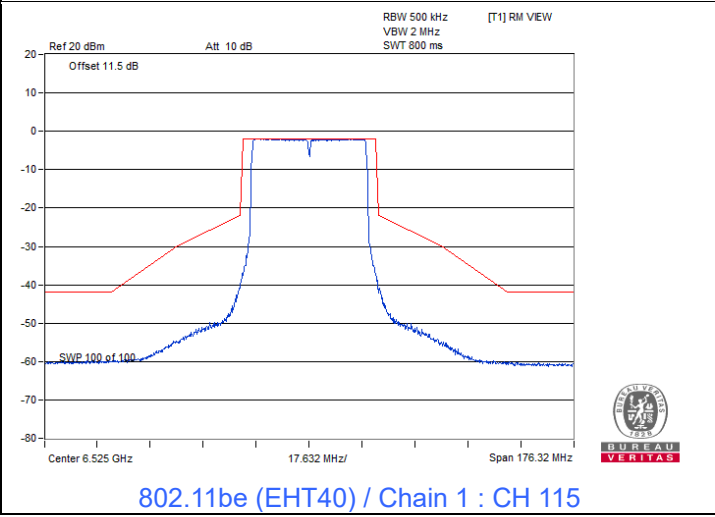
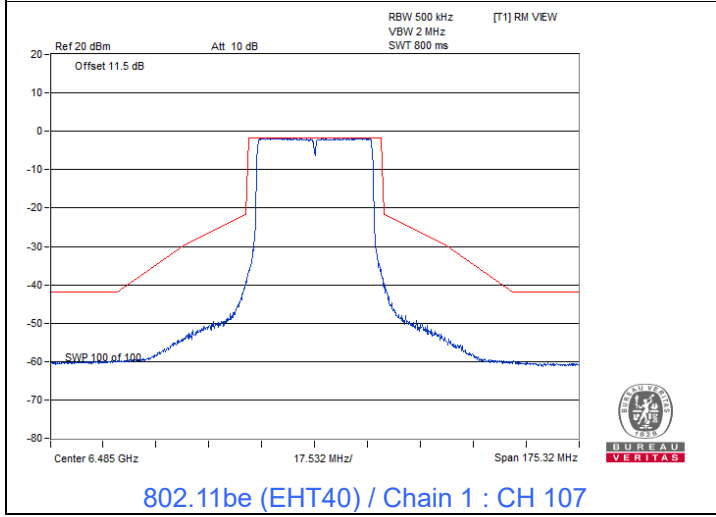
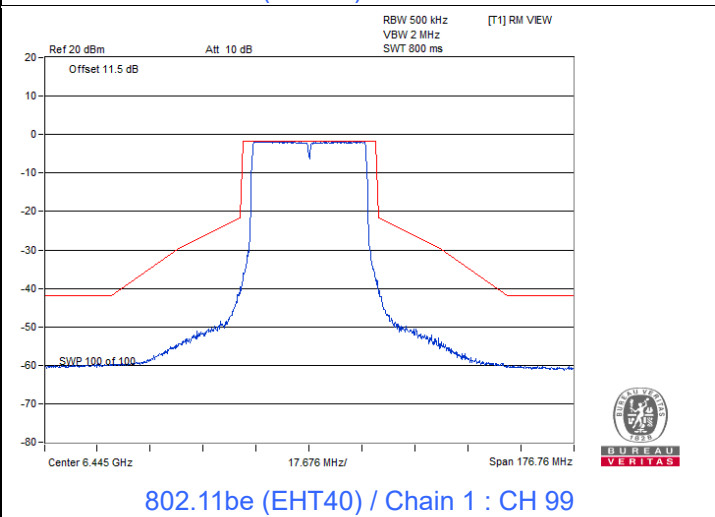
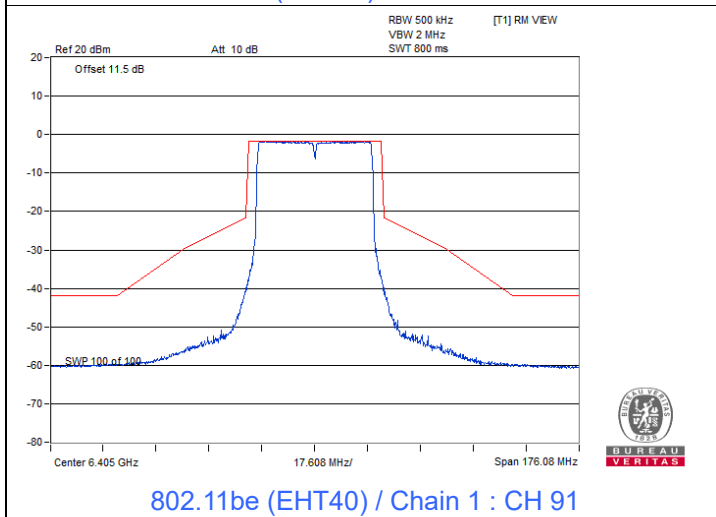
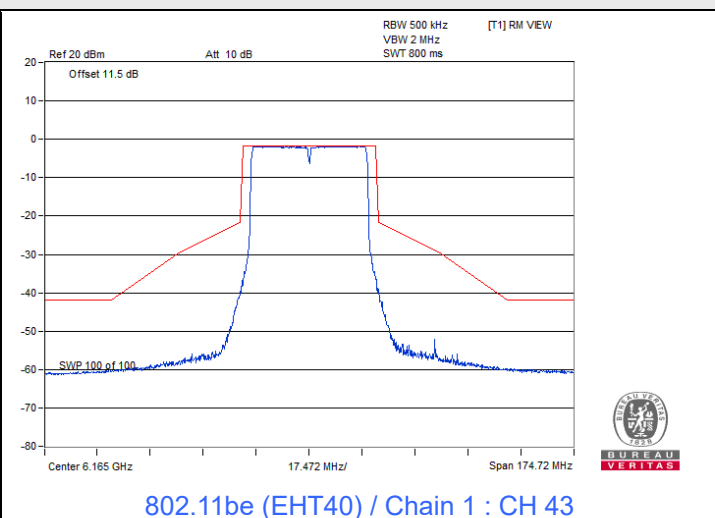
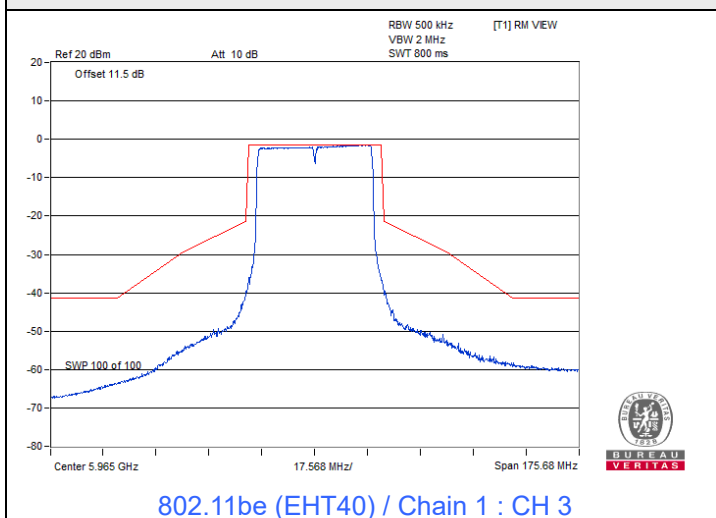
Spectrum Plot



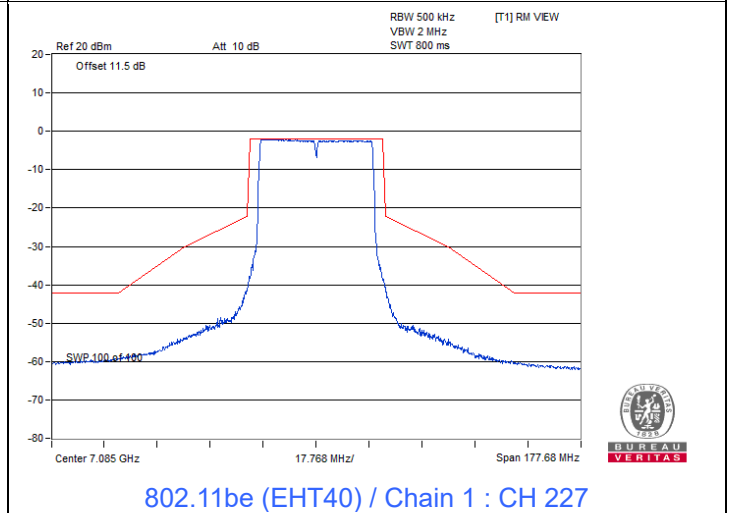
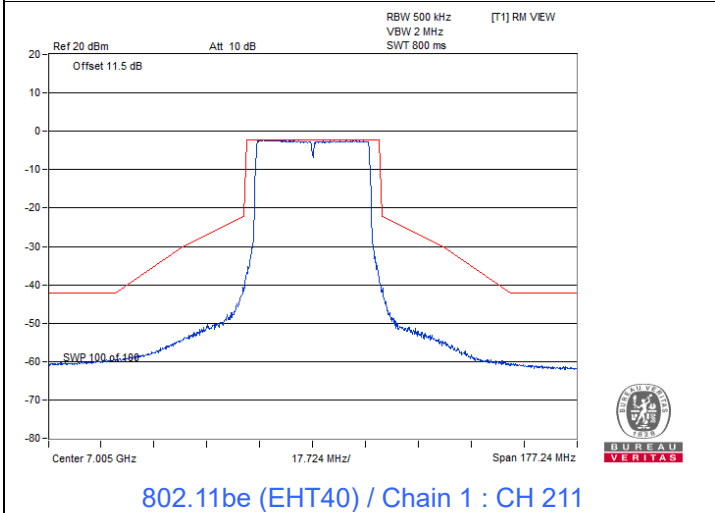
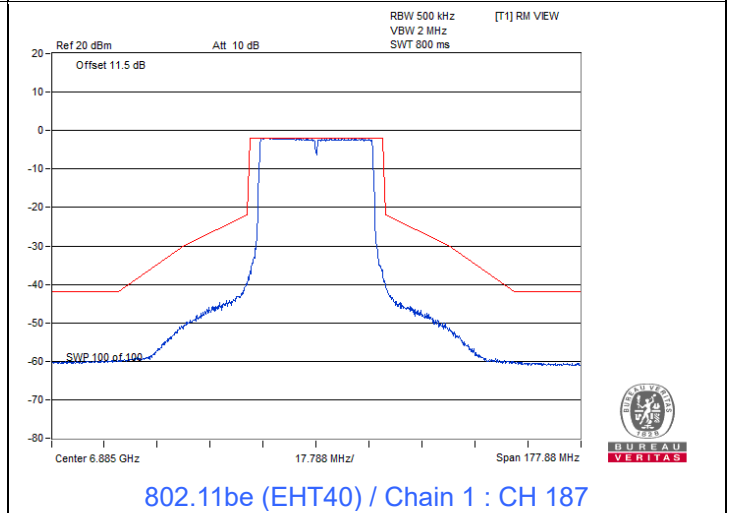
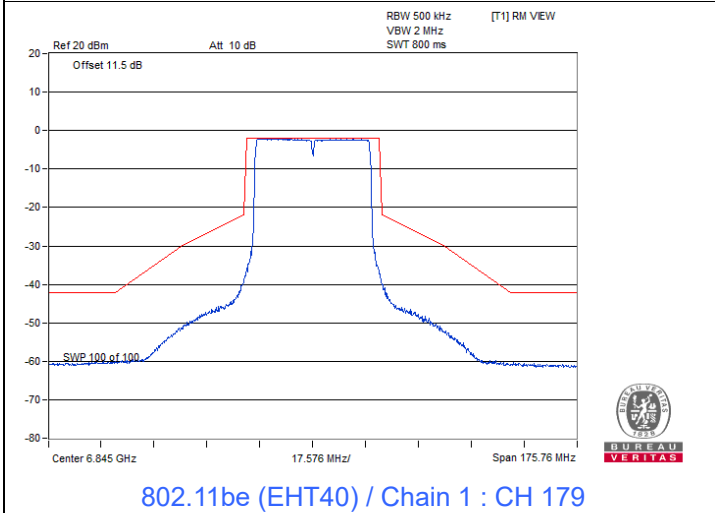
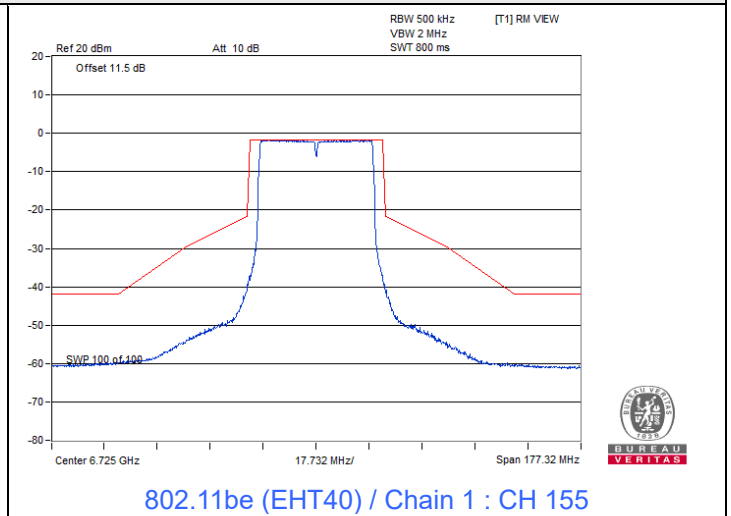
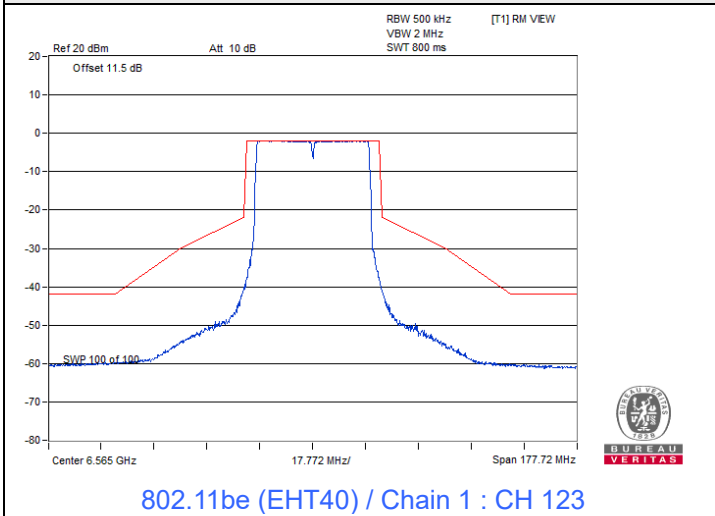
Spectrum Plot



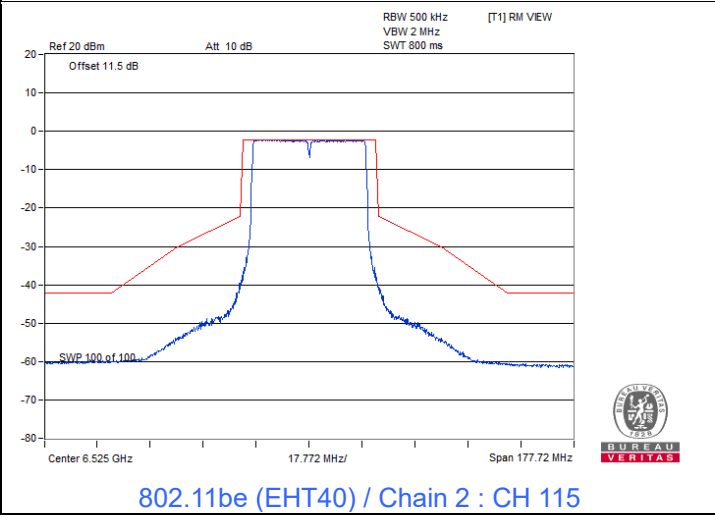
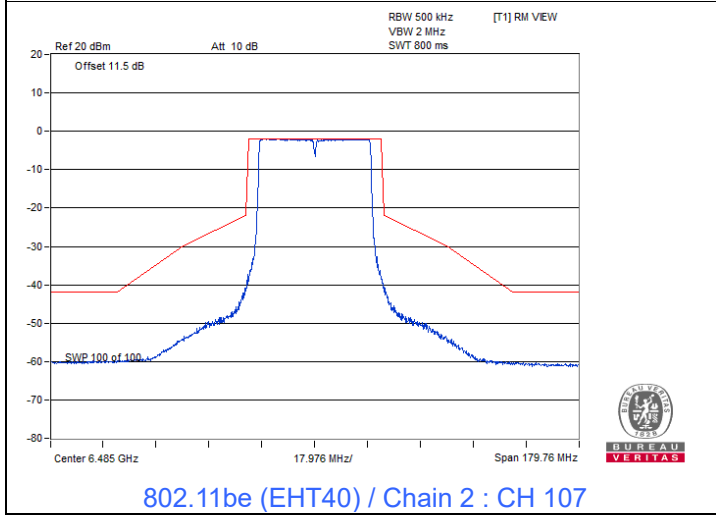
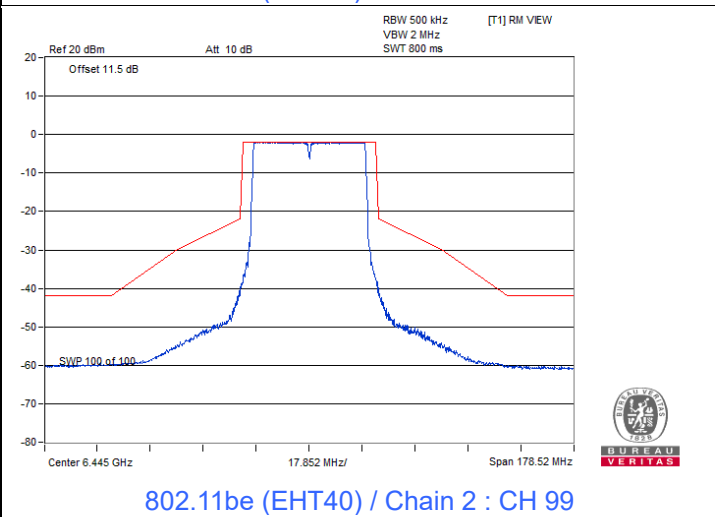
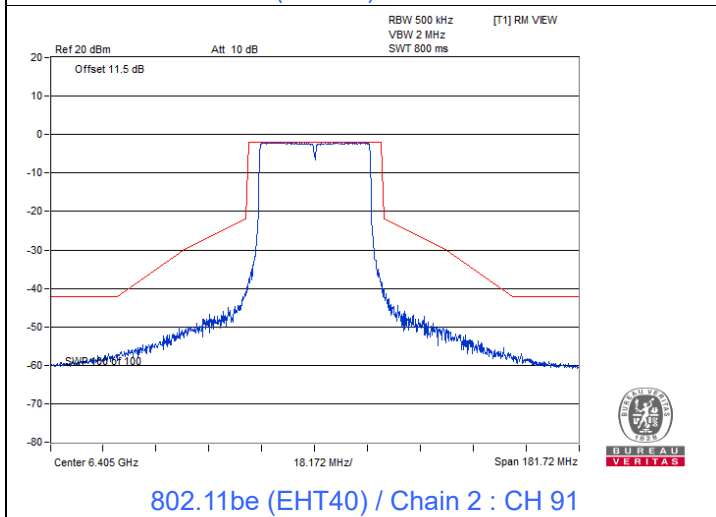
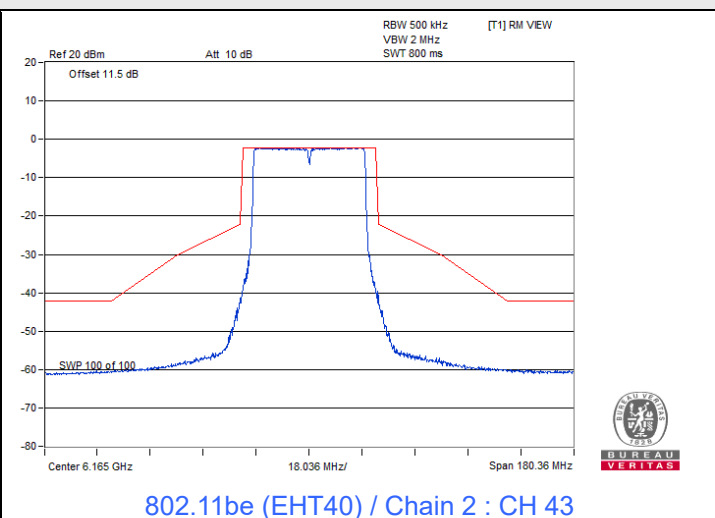
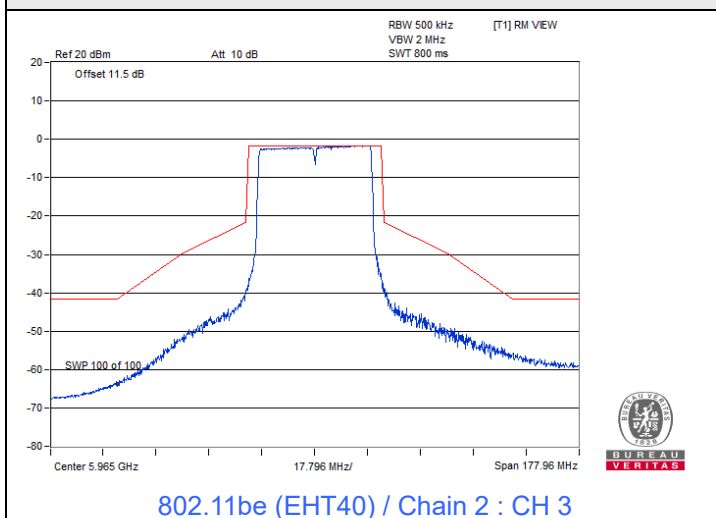
Spectrum Plot



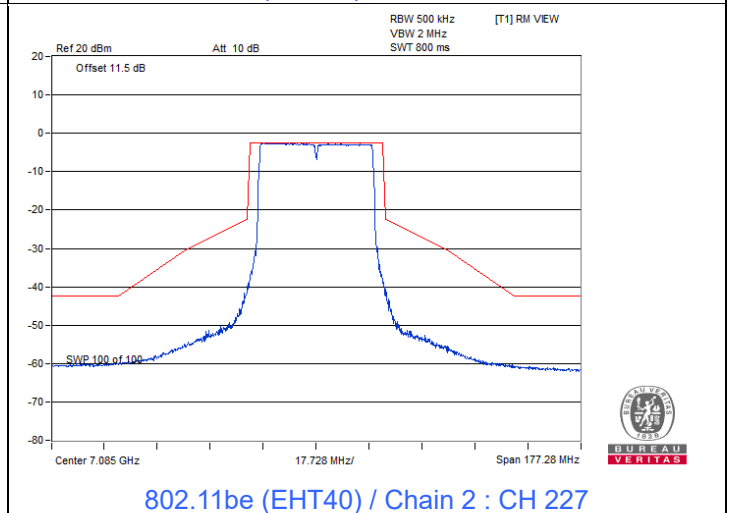
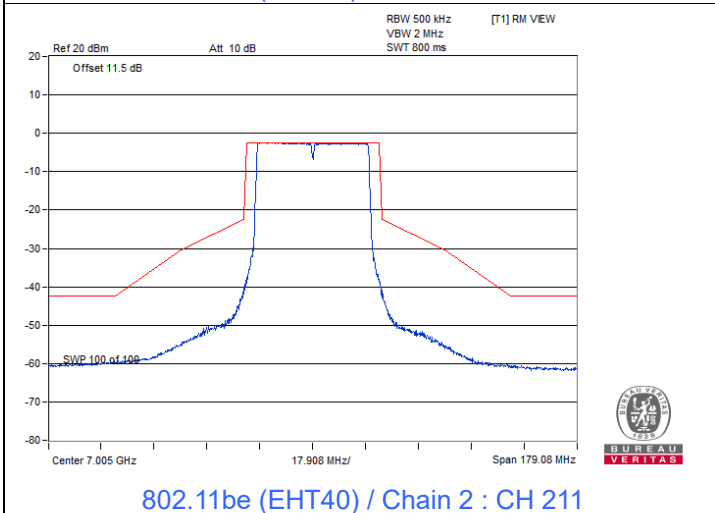
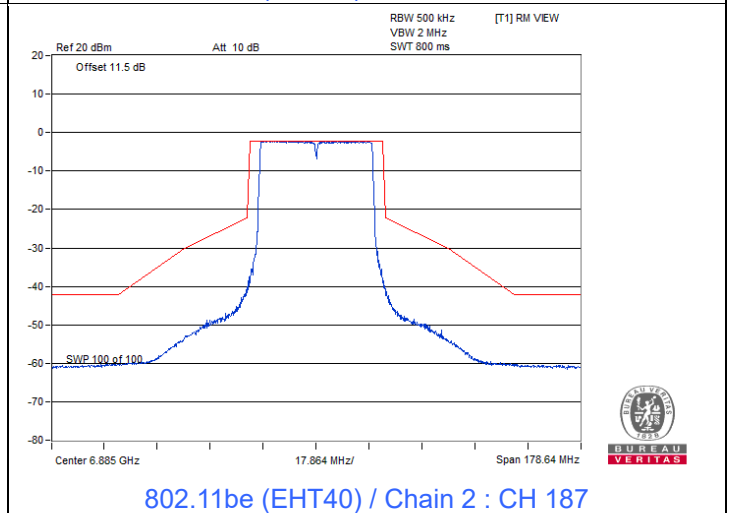
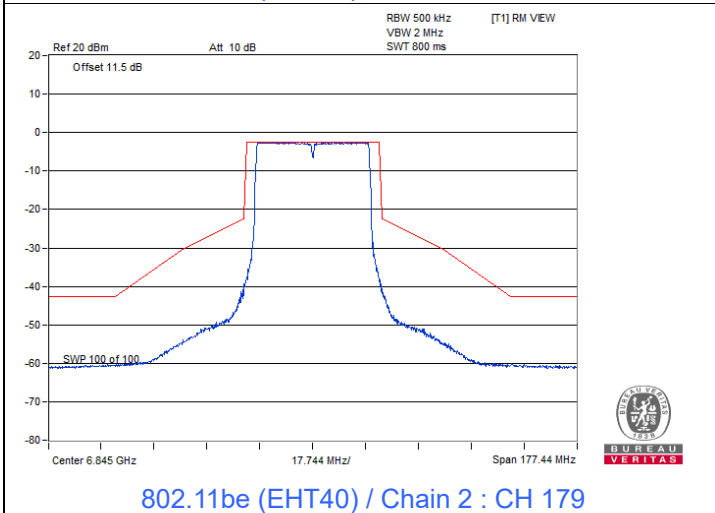
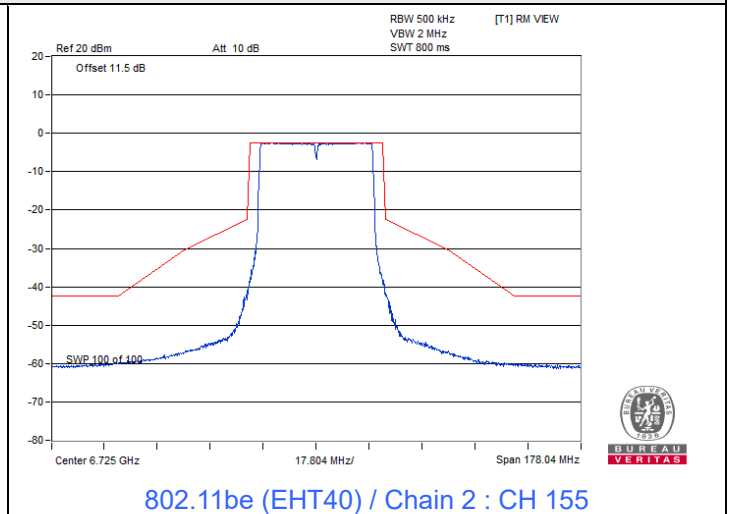
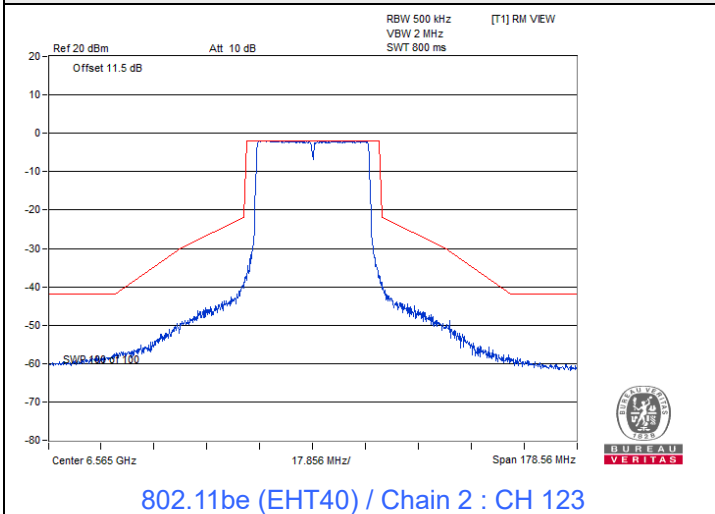
Spectrum Plot



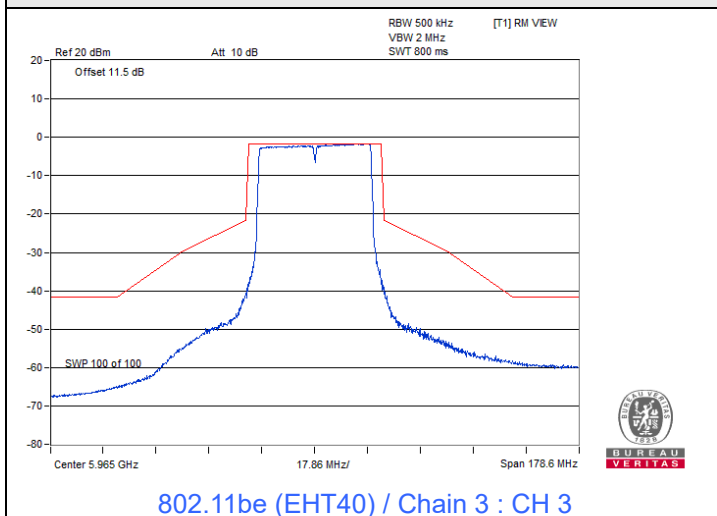
Spectrum Plot



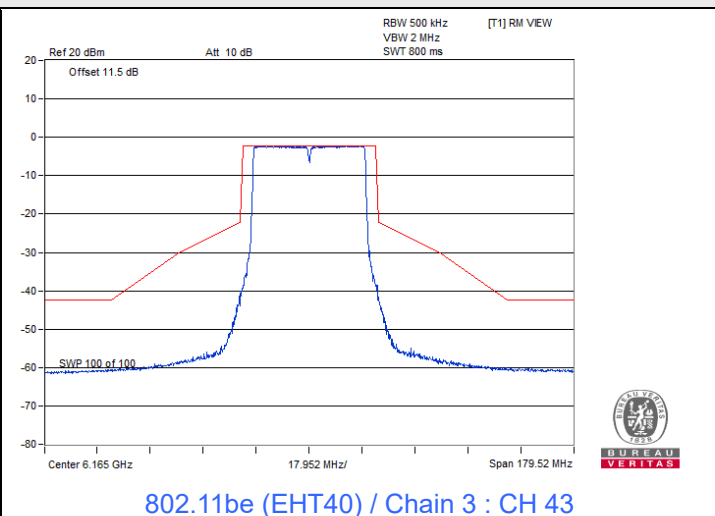
Spectrum Plot



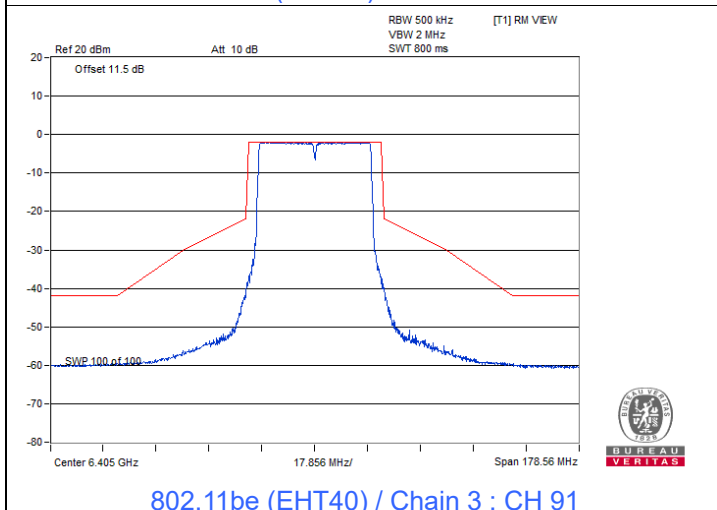
Spectrum Plot



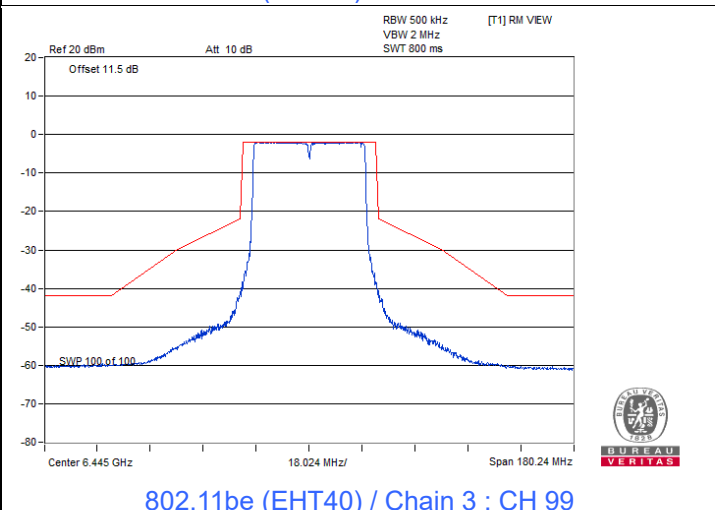
802.11be (EHT40) / Chain 3 : CH 3



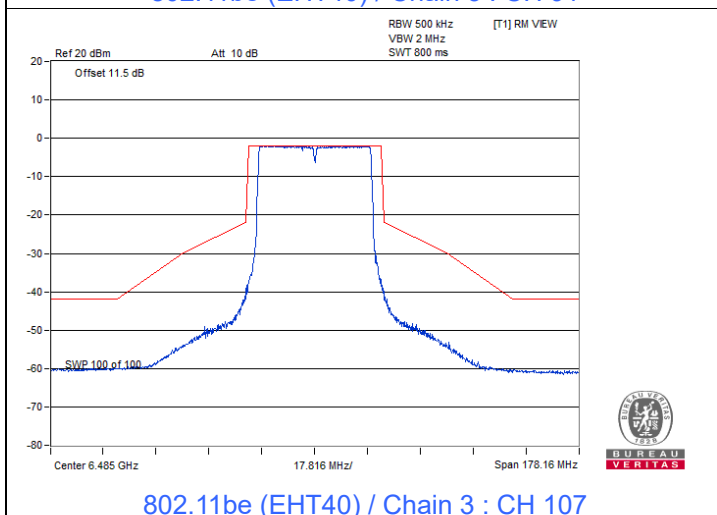
802.11be (EHT40) / Chain 3 : CH 43



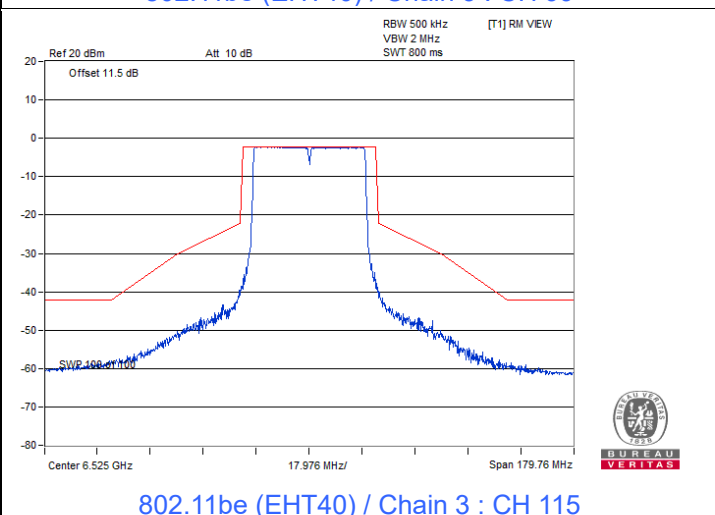
802.11be (EHT40) / Chain 3 : CH 91



802.11be (EHT40) / Chain 3 : CH 99

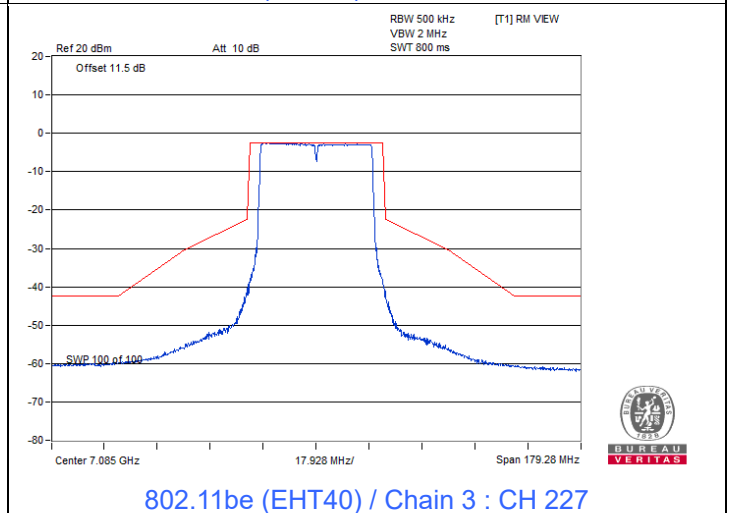
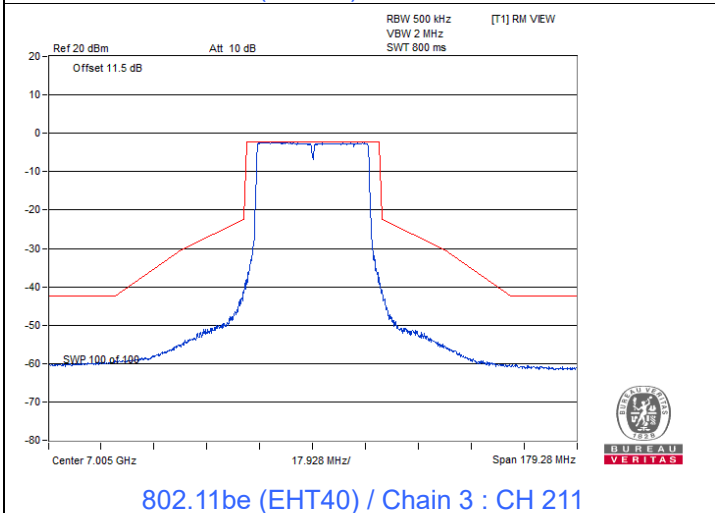
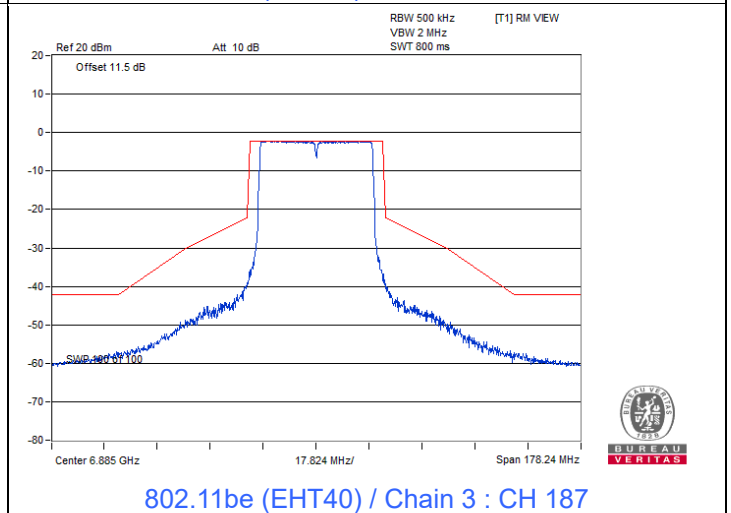
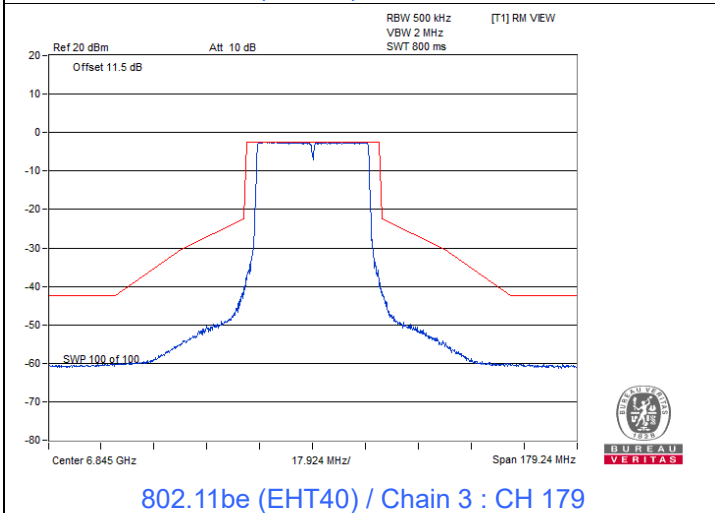
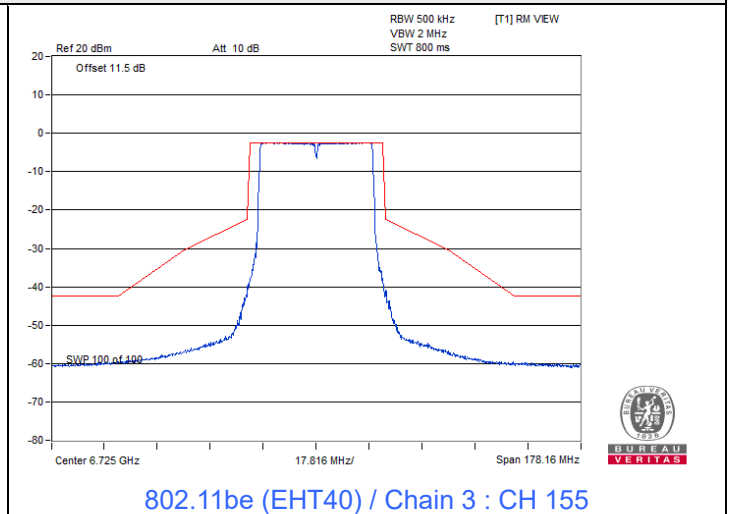
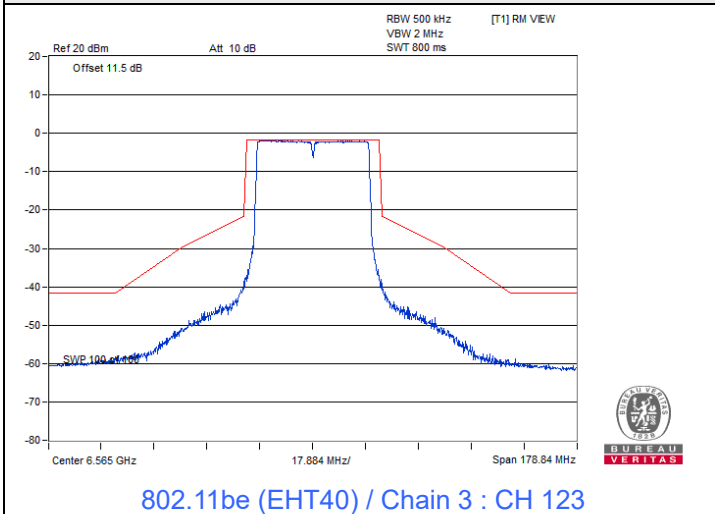


802.11be (EHT40) / Chain 3 : CH 107

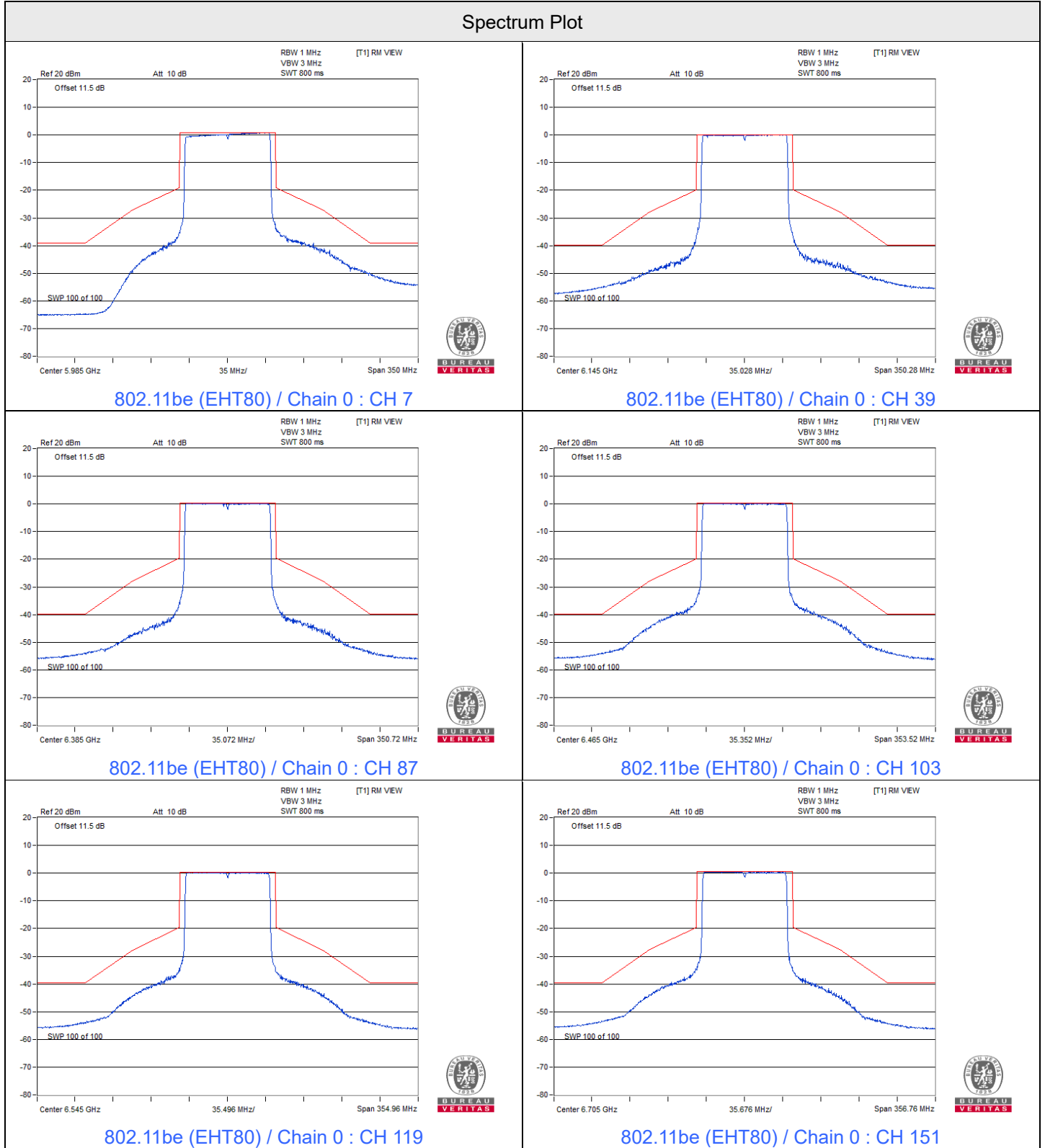


802.11be (EHT40) / Chain 3 : CH 115

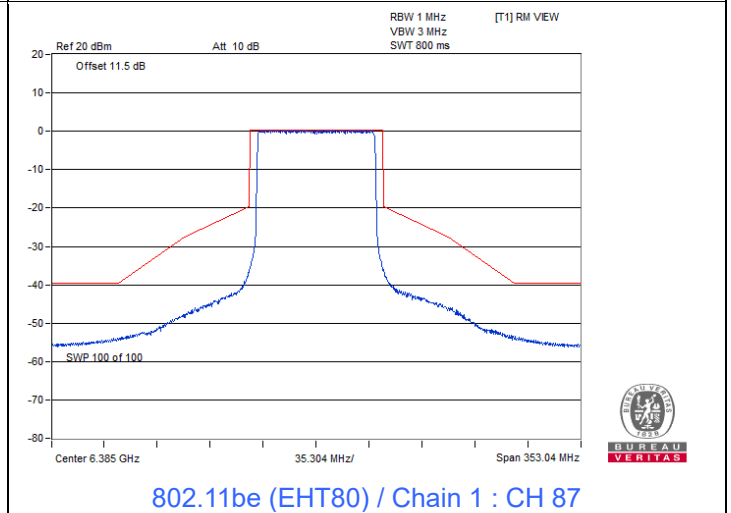
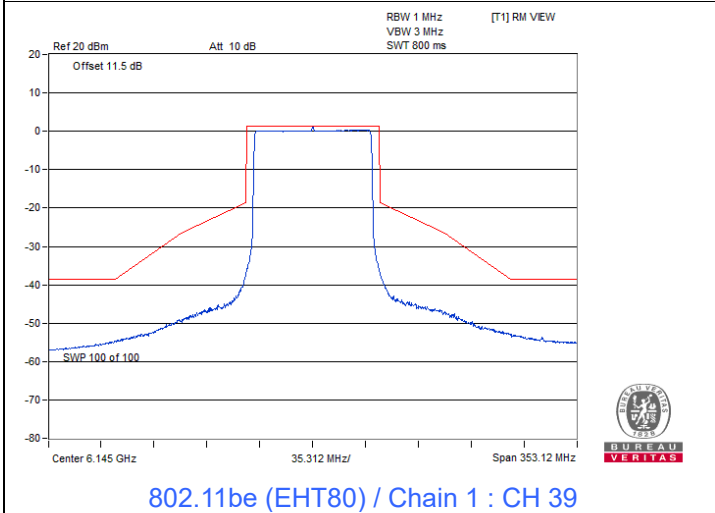
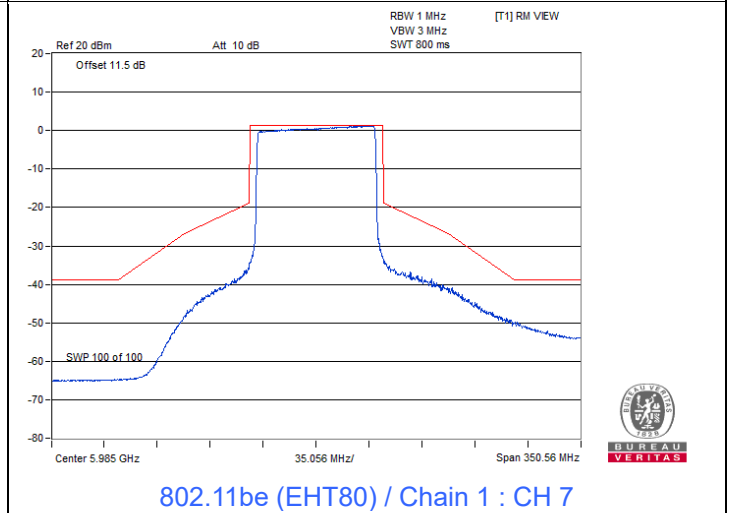
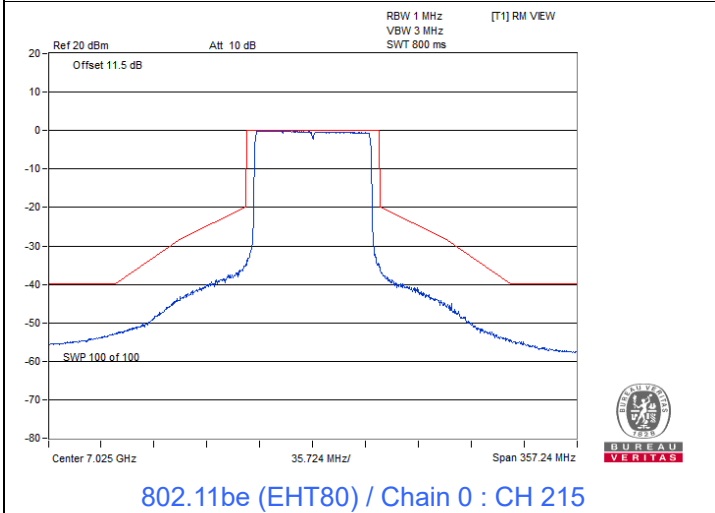
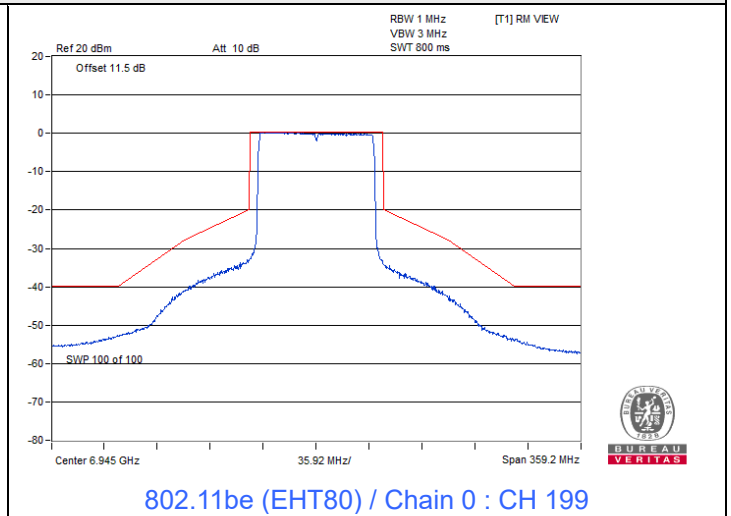
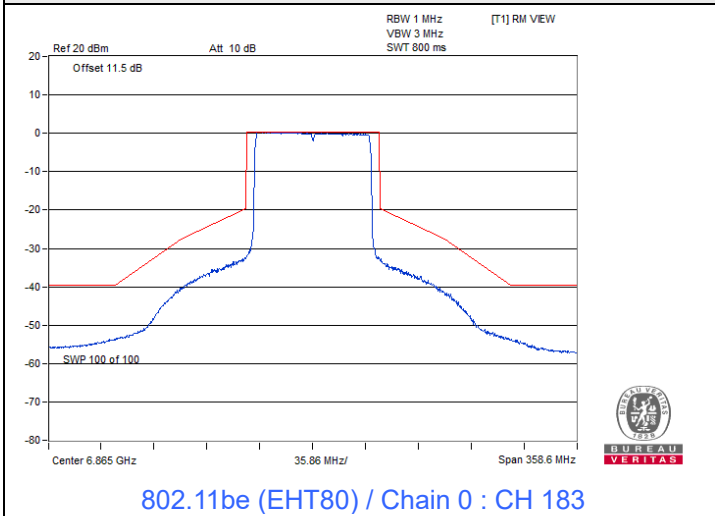
Spectrum Plot



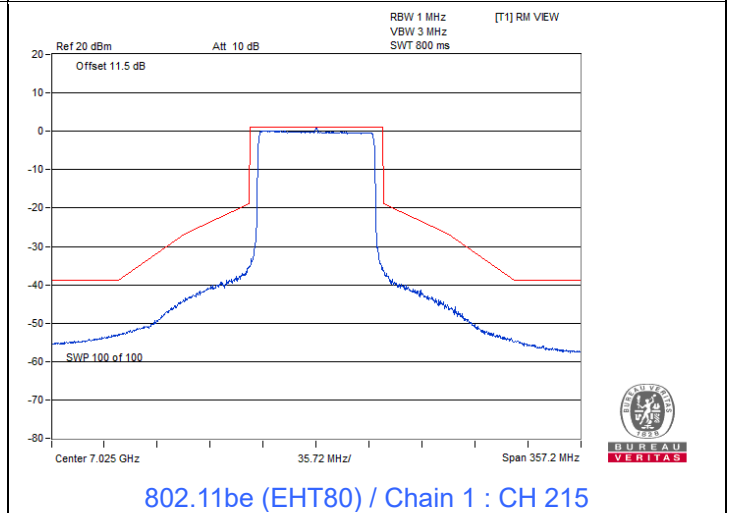
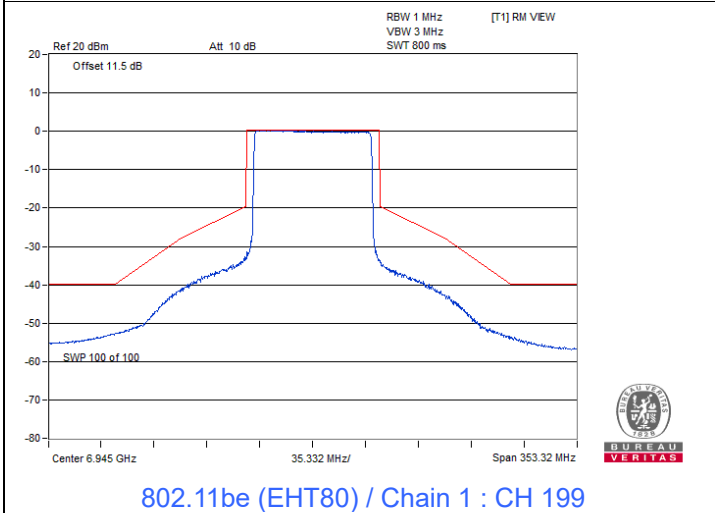
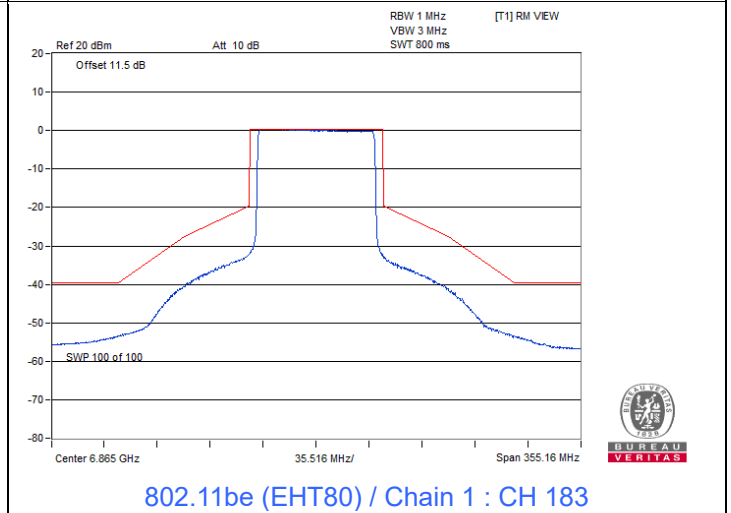
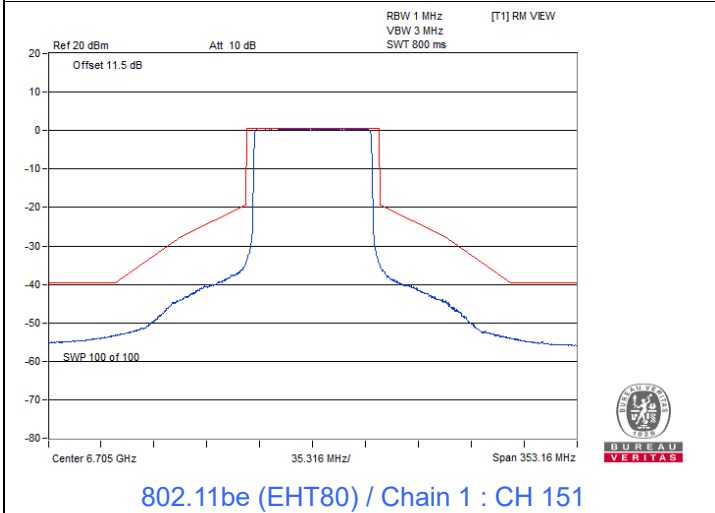
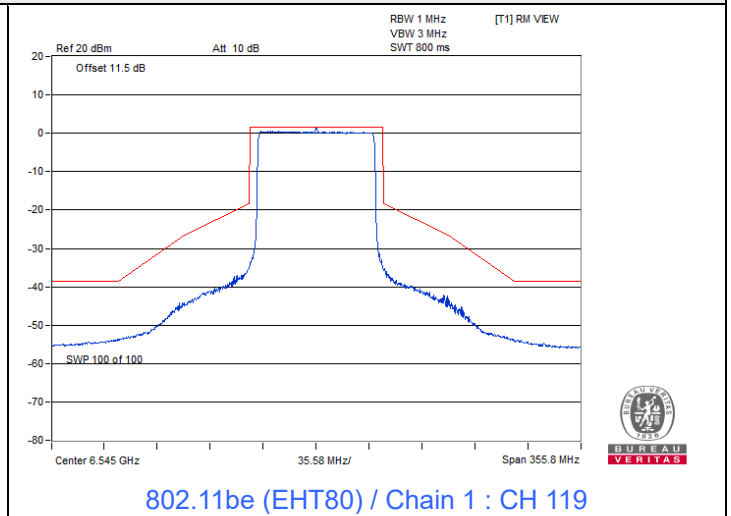
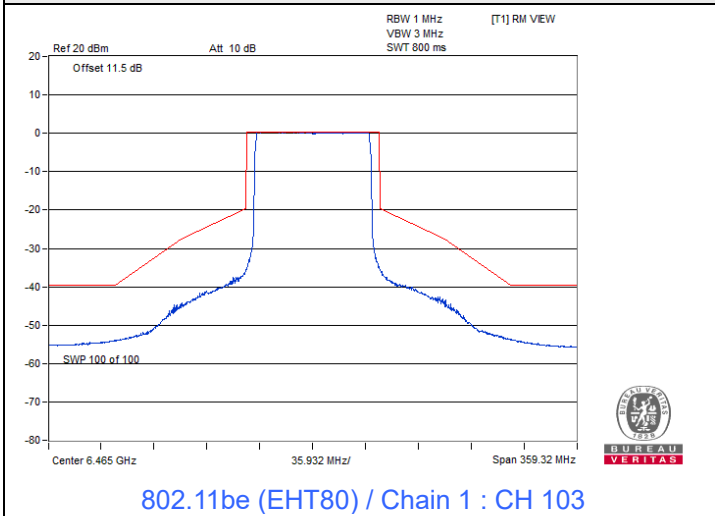
802.11be (EHT80) Beamforming



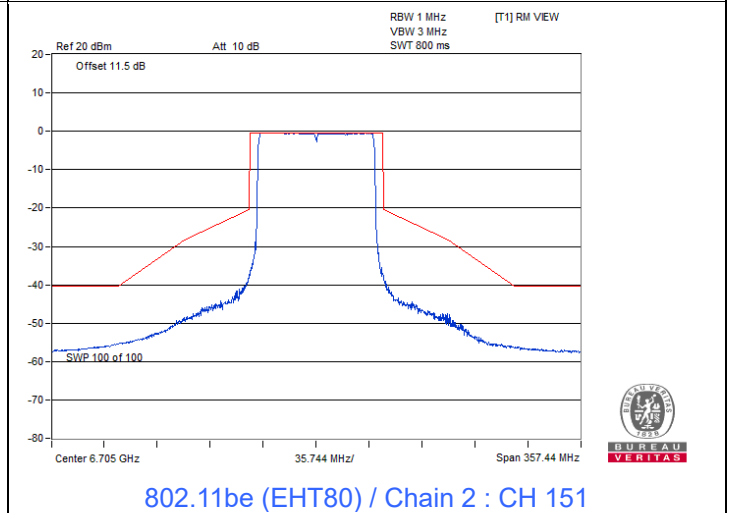
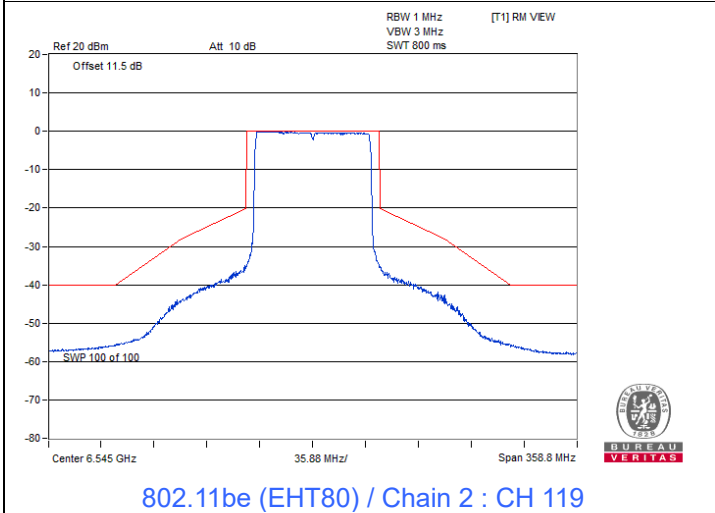
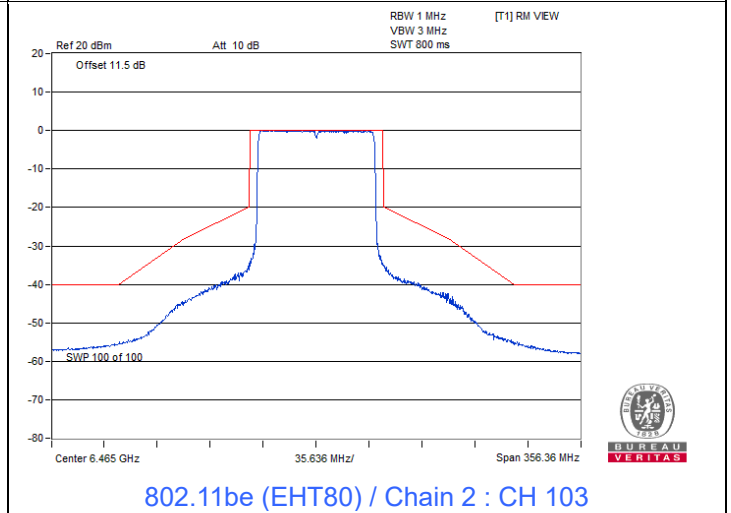
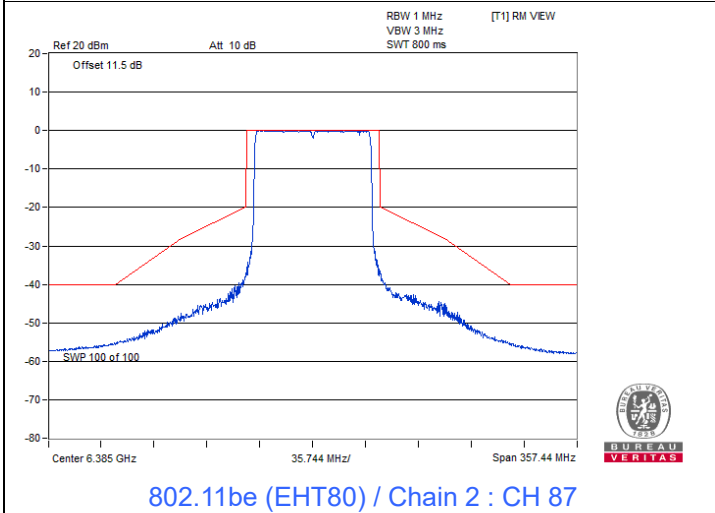
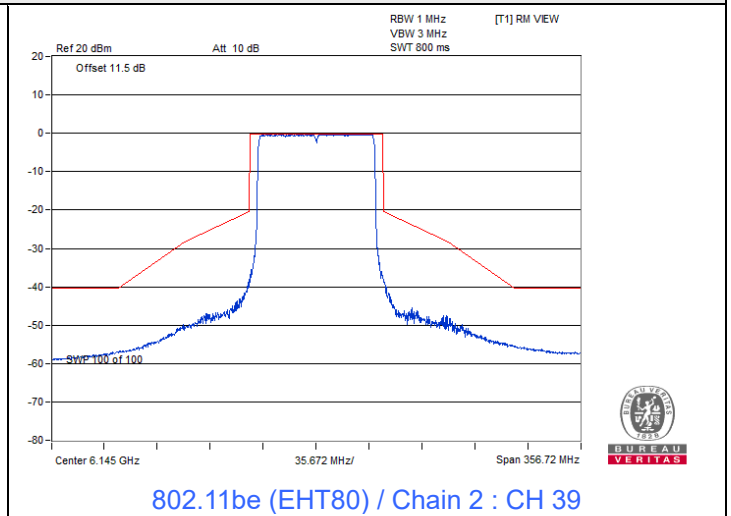
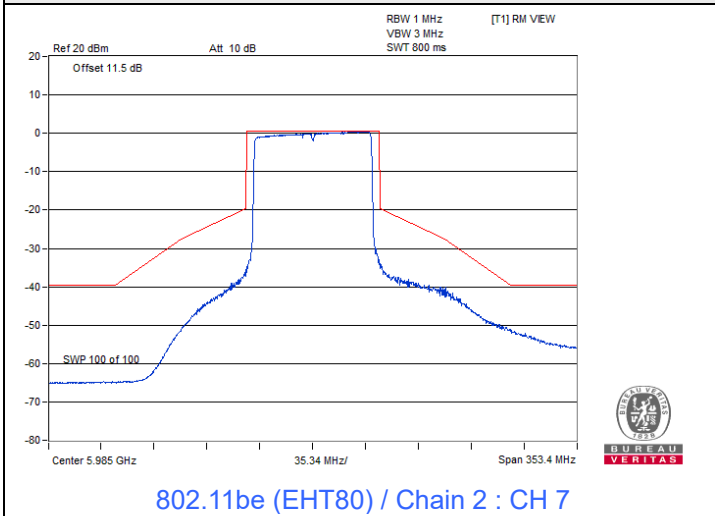
Spectrum Plot



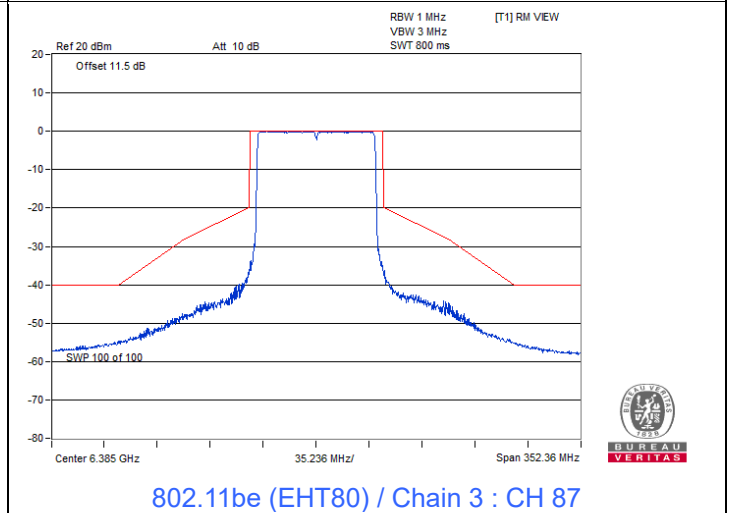
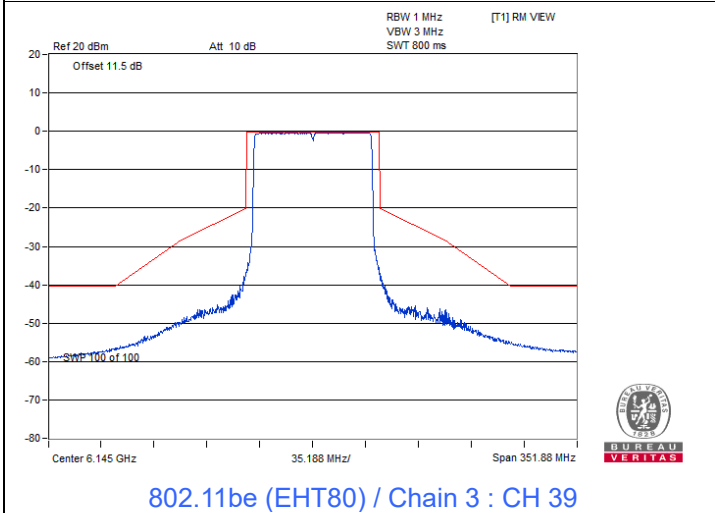
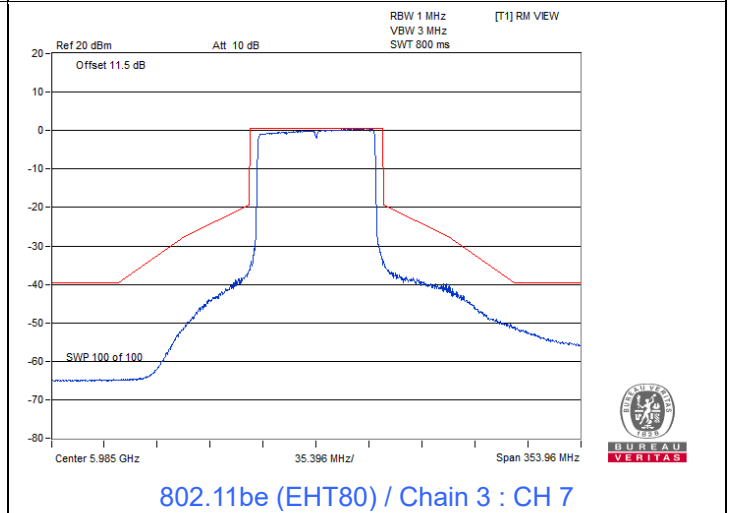
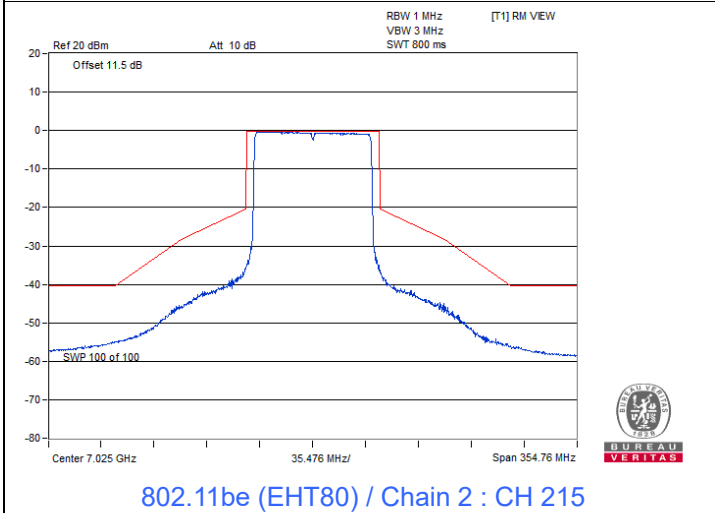
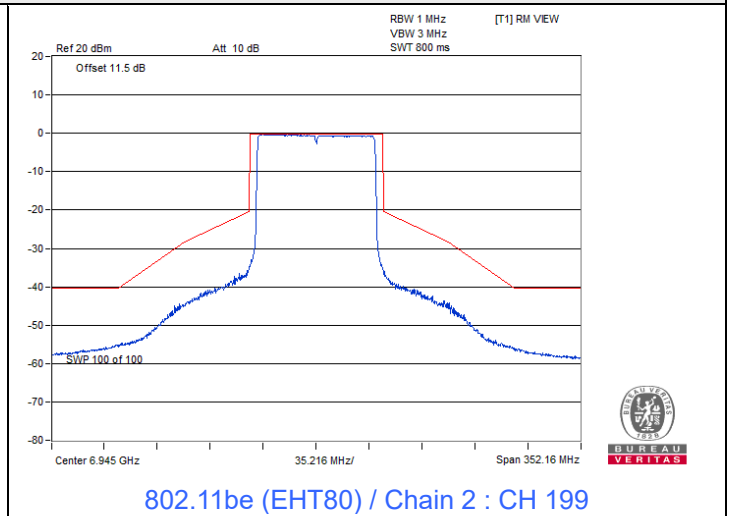
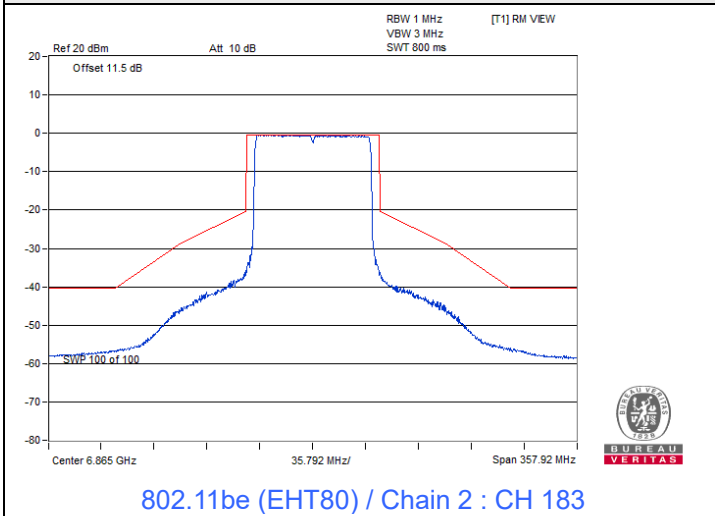
Spectrum Plot



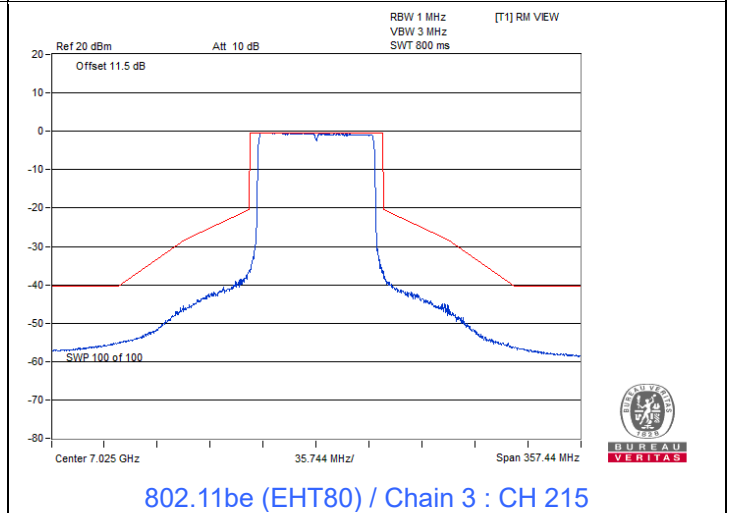
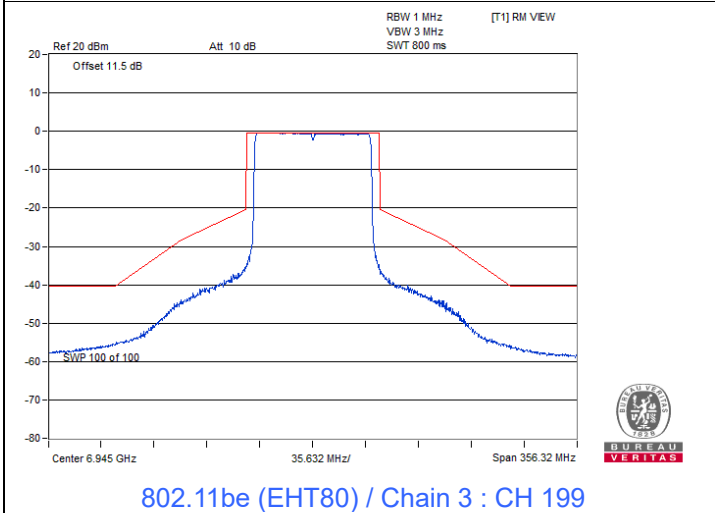
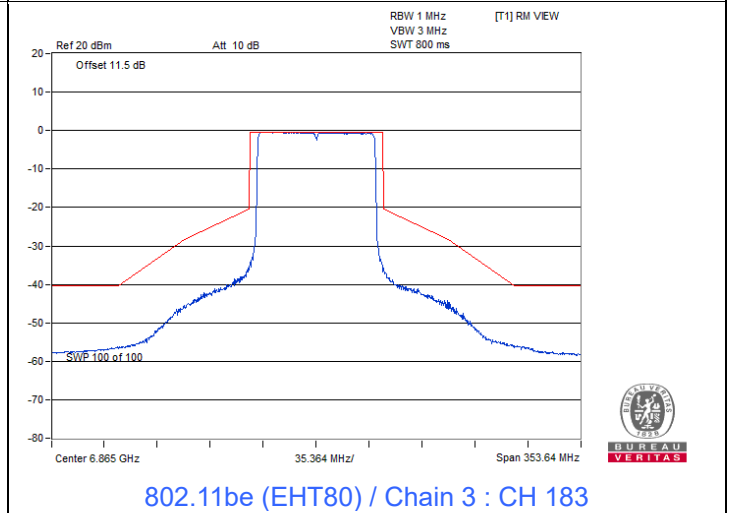
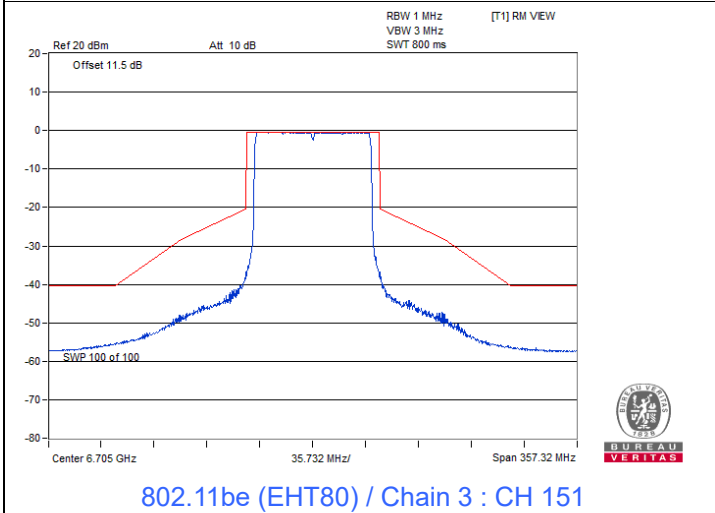
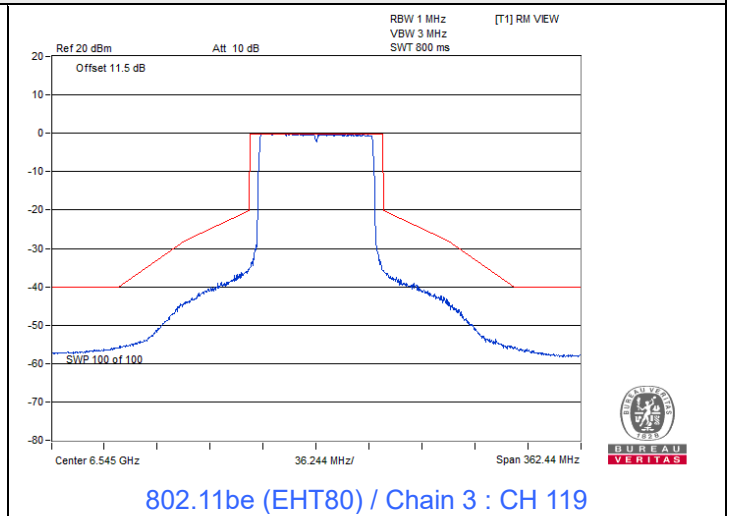
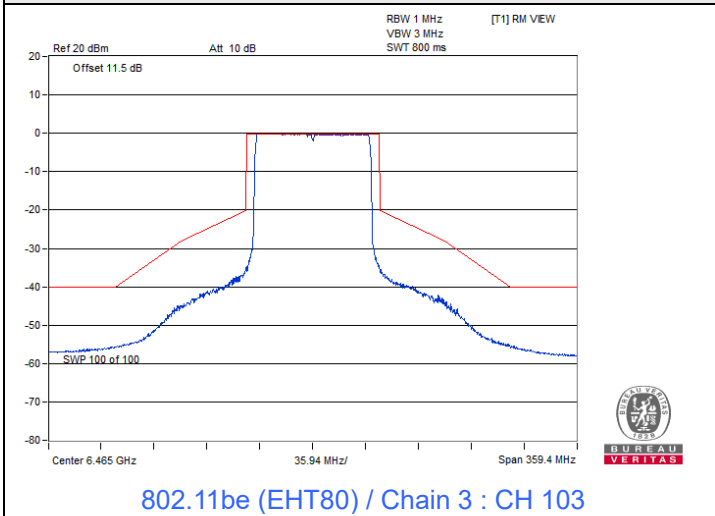
Spectrum Plot



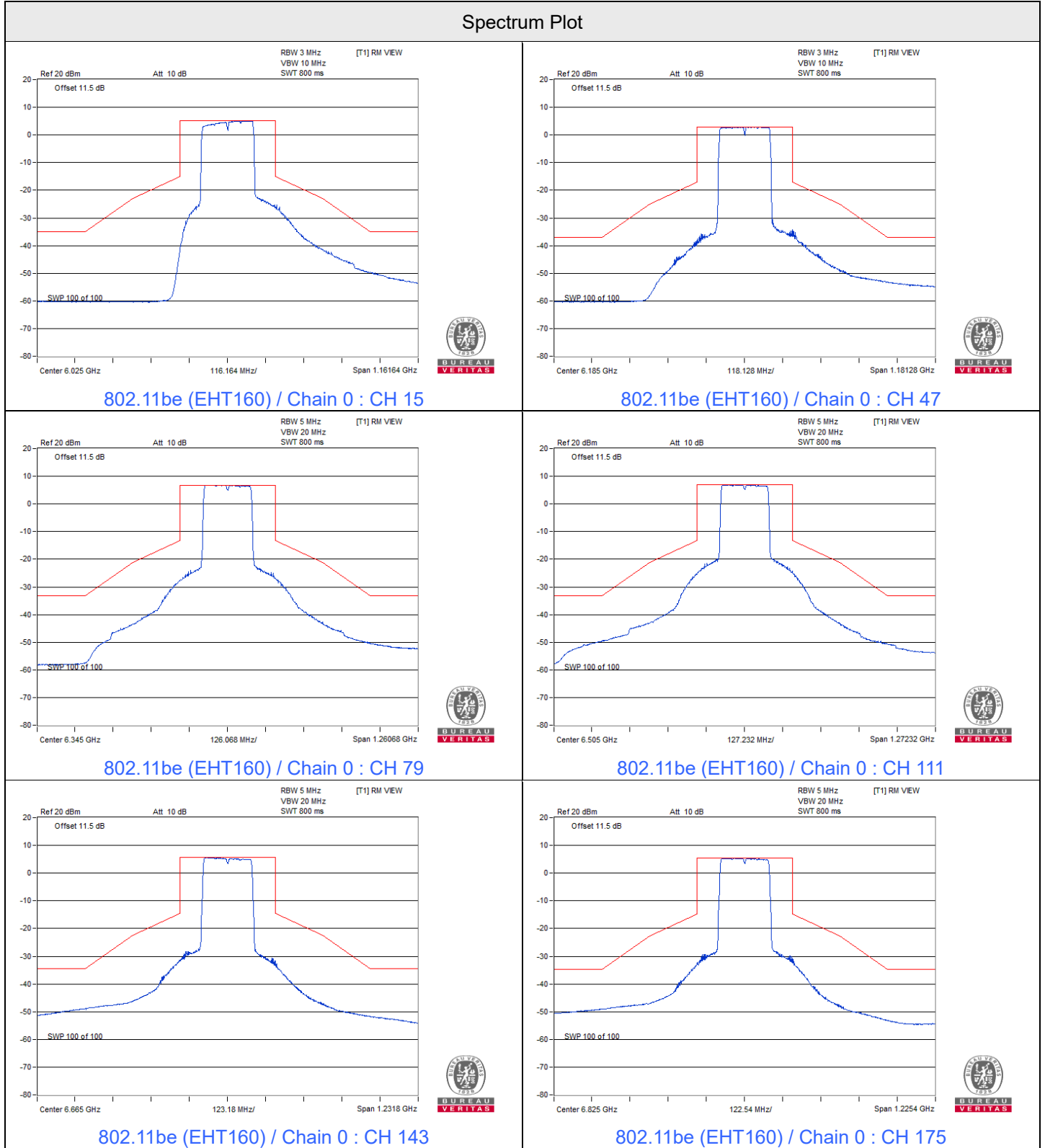
Spectrum Plot



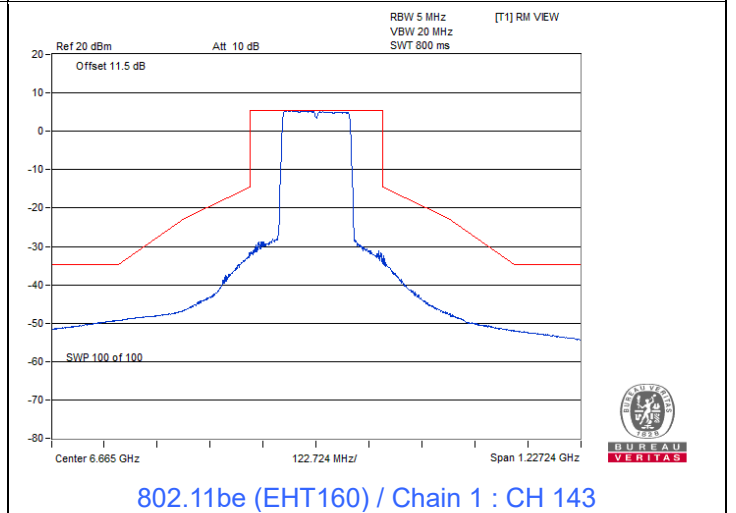
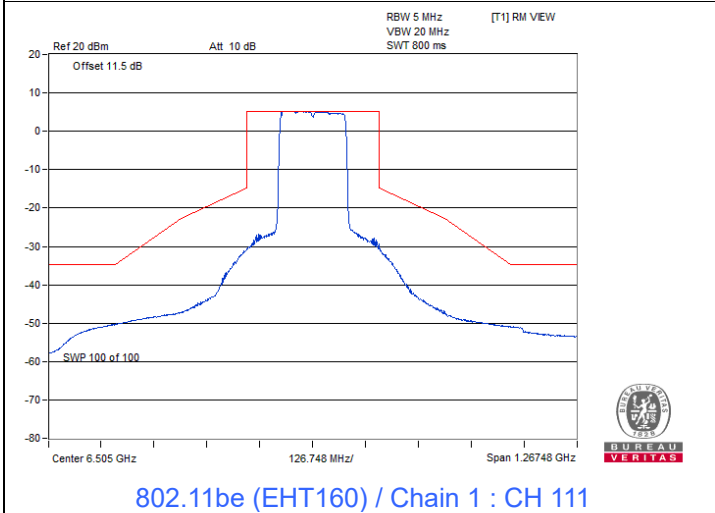
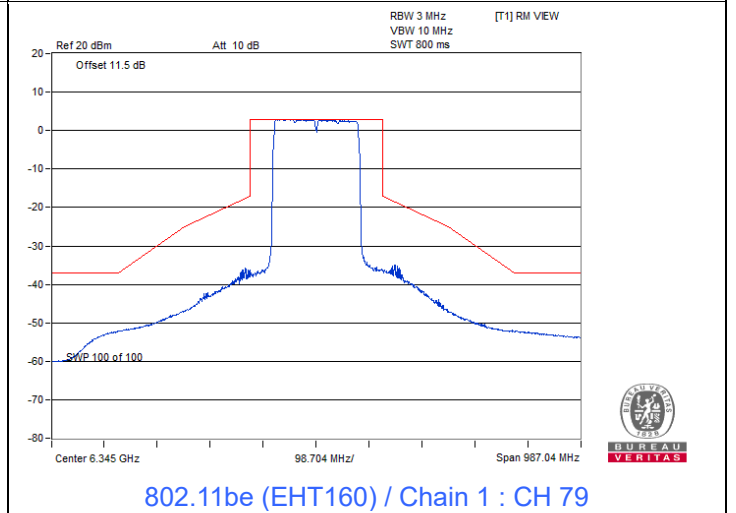
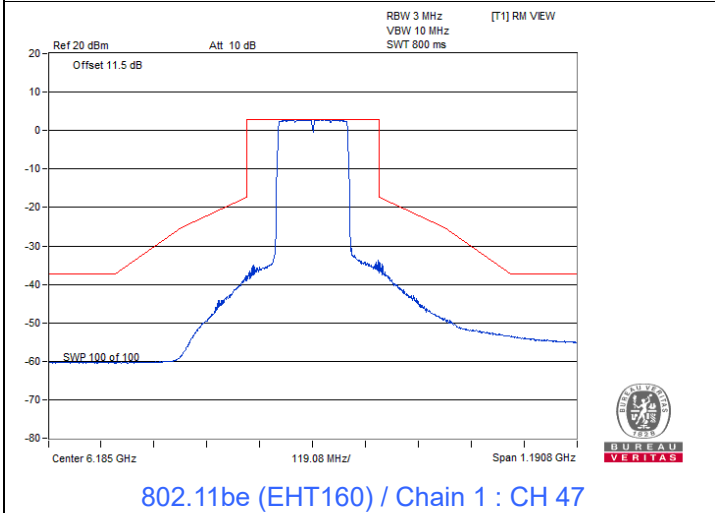
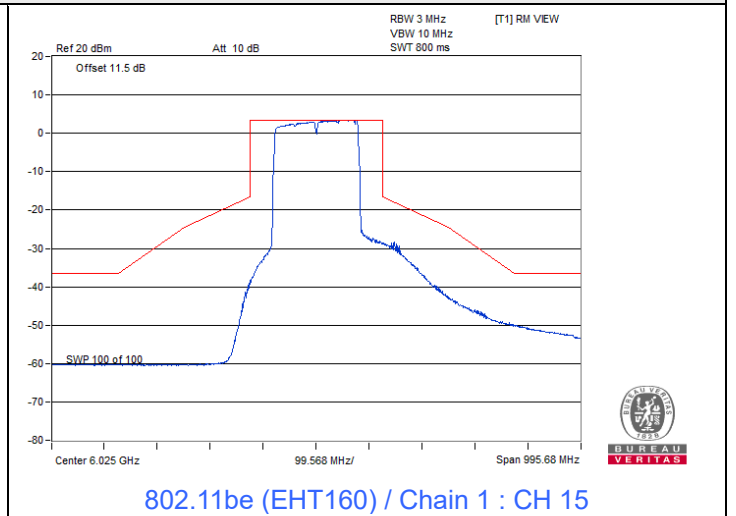
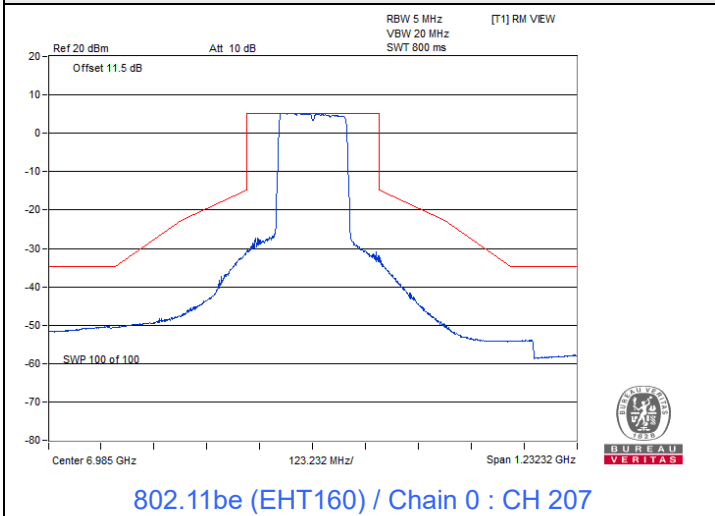
Spectrum Plot



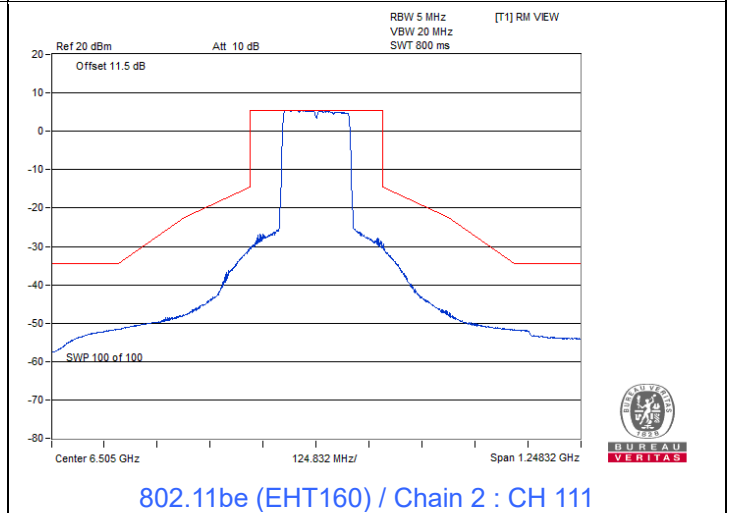
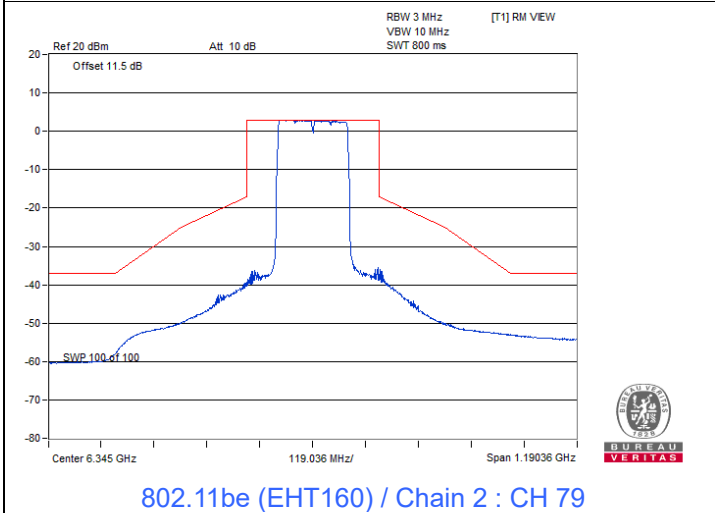
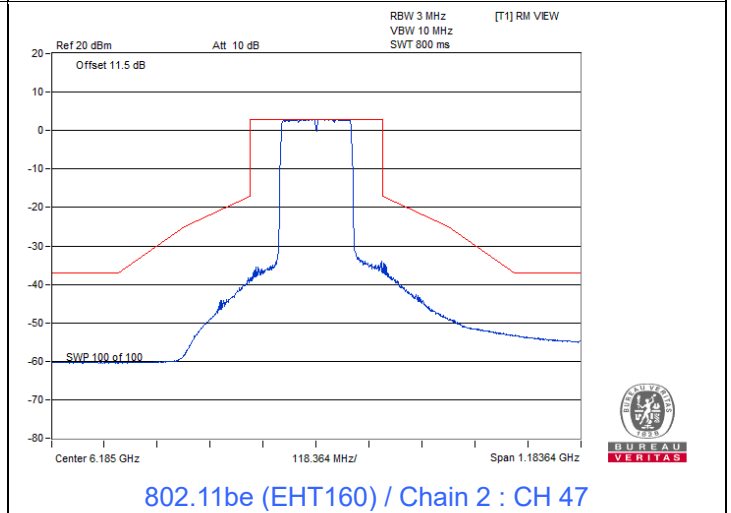
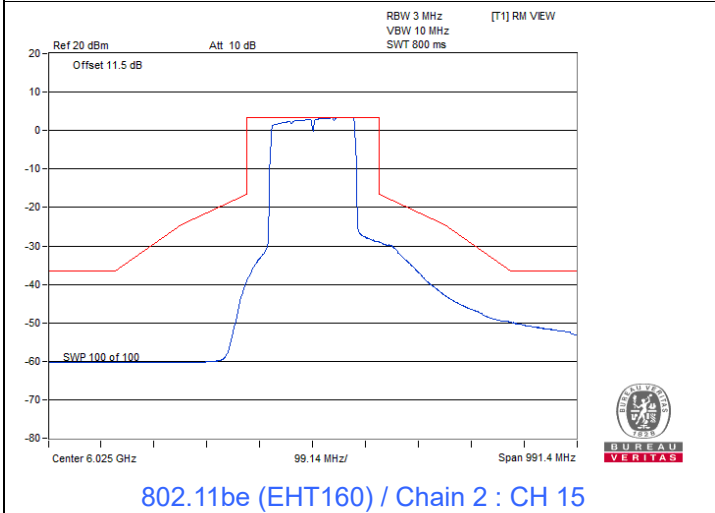
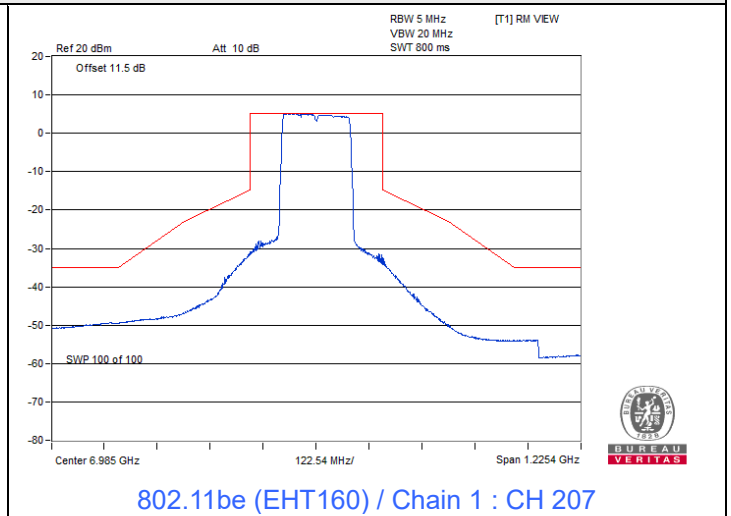
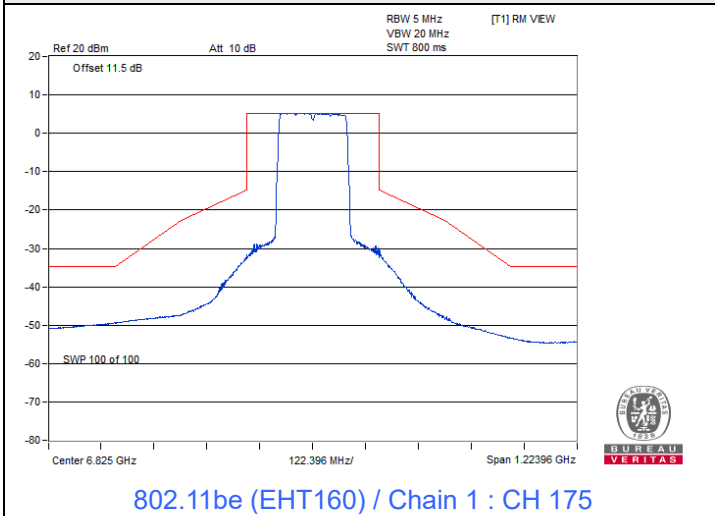
802.11be (EHT160) Beamforming



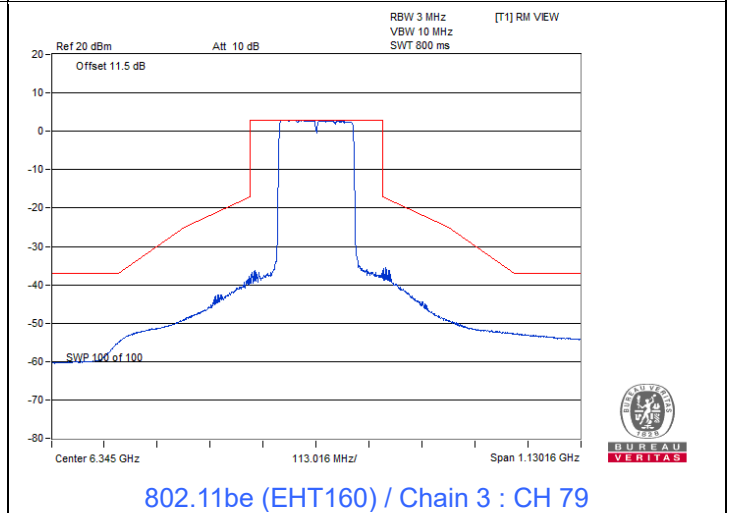
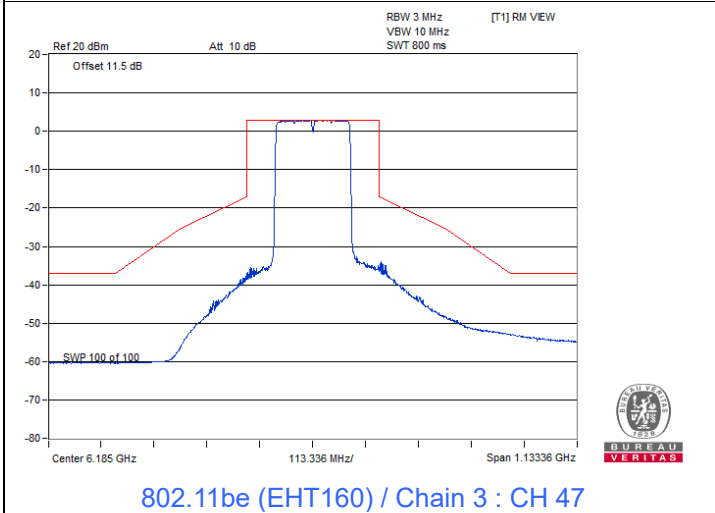
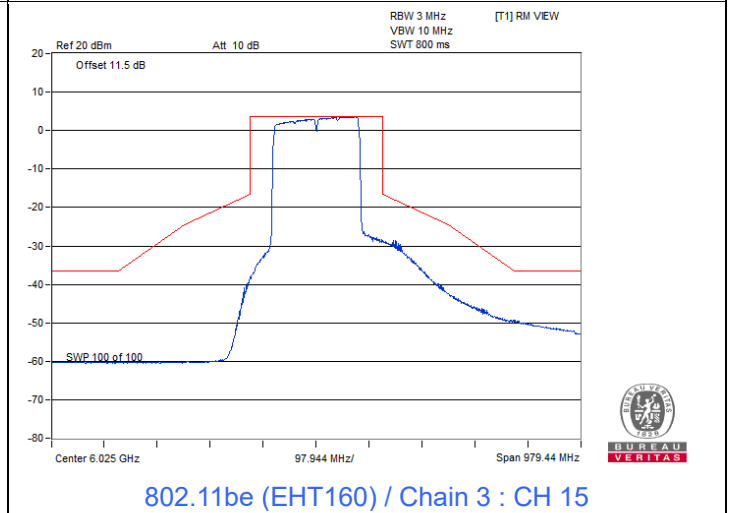
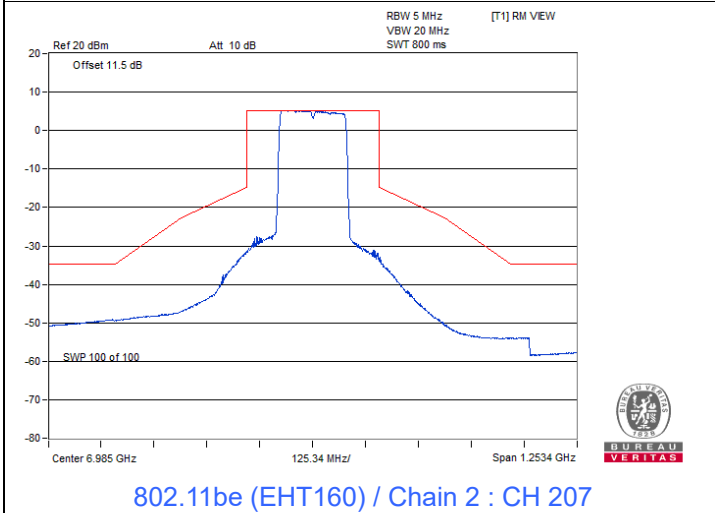
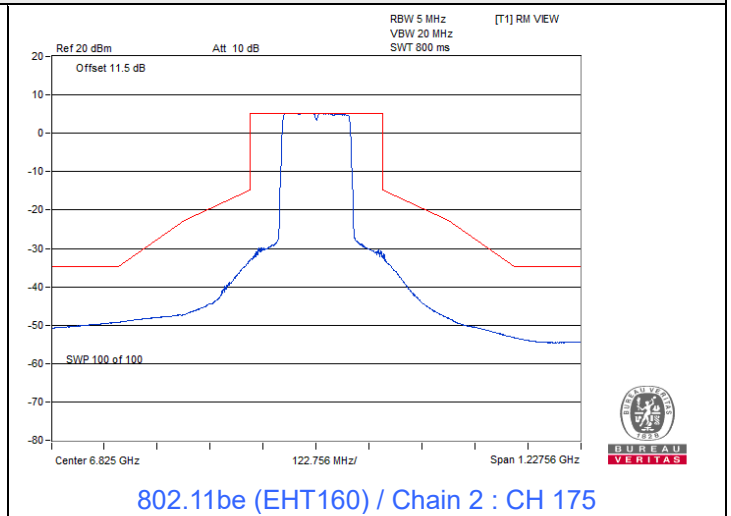
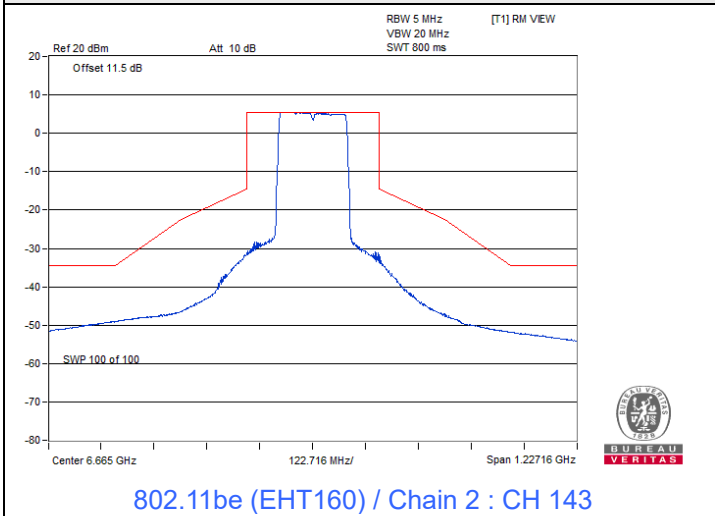
Spectrum Plot



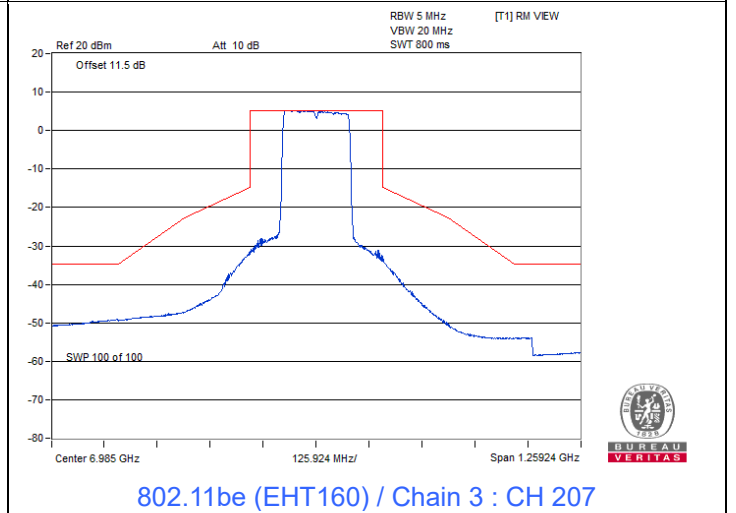
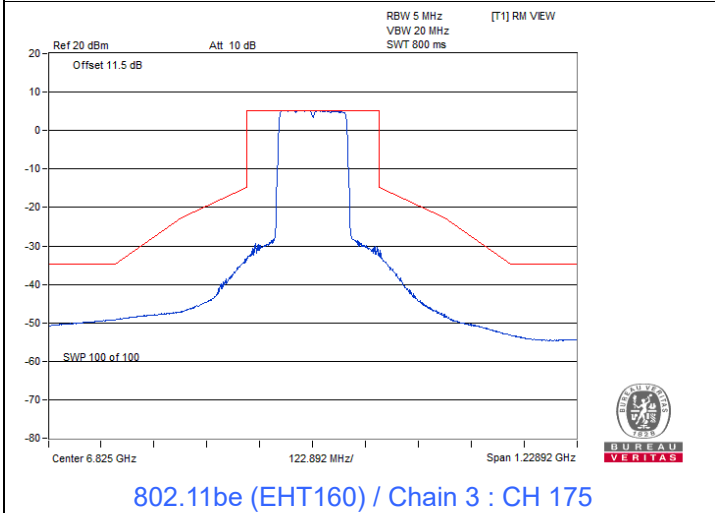
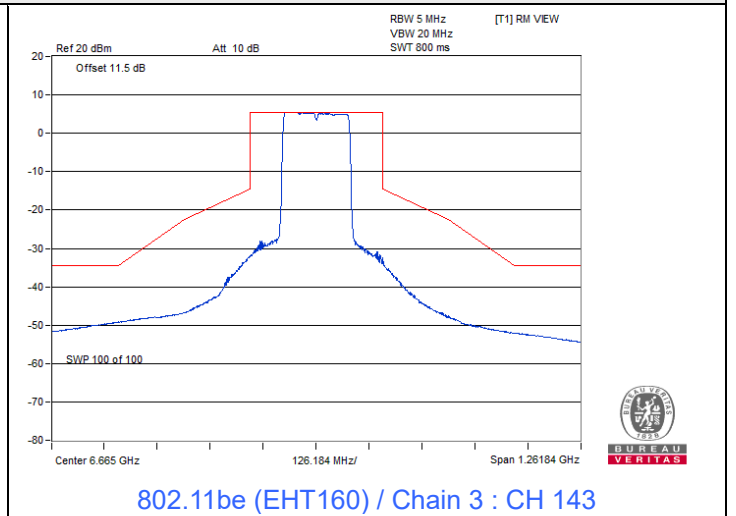
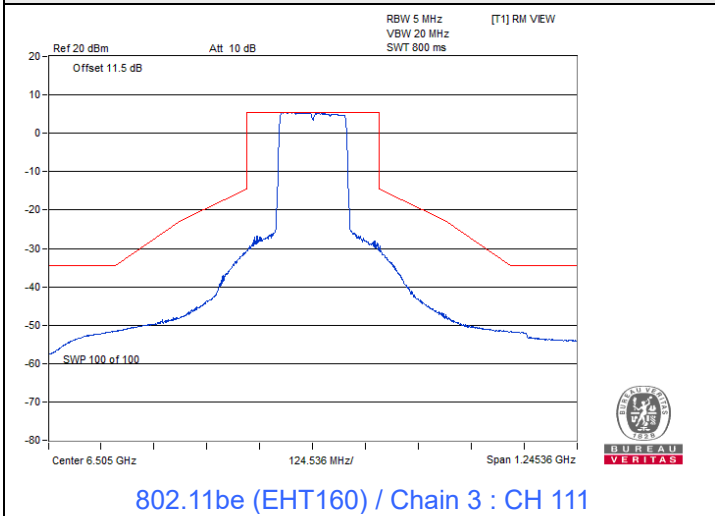
Spectrum Plot



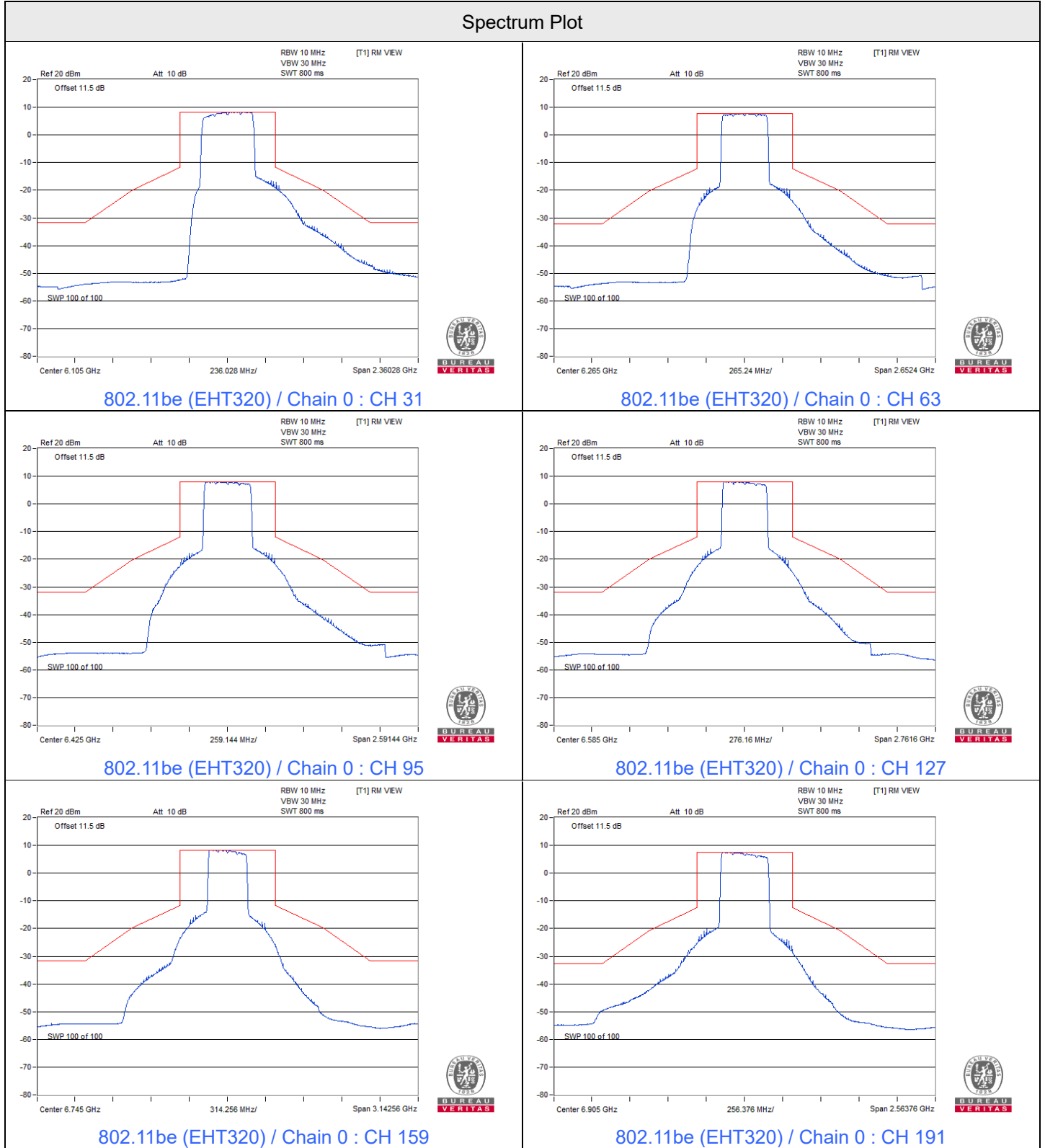
Spectrum Plot



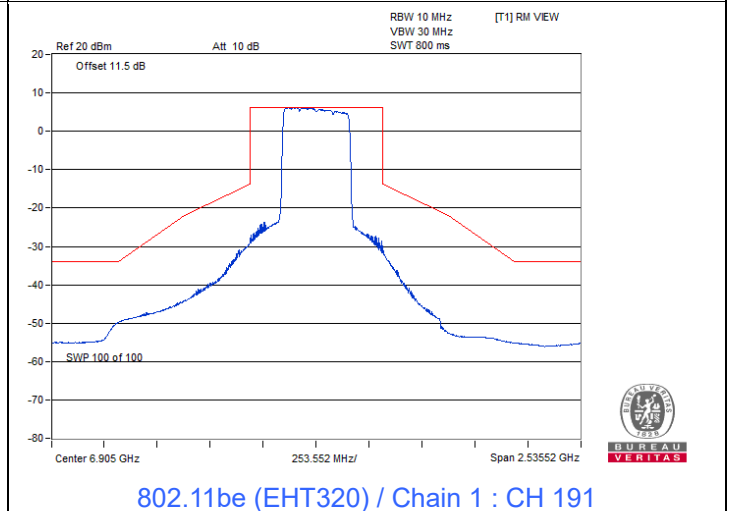
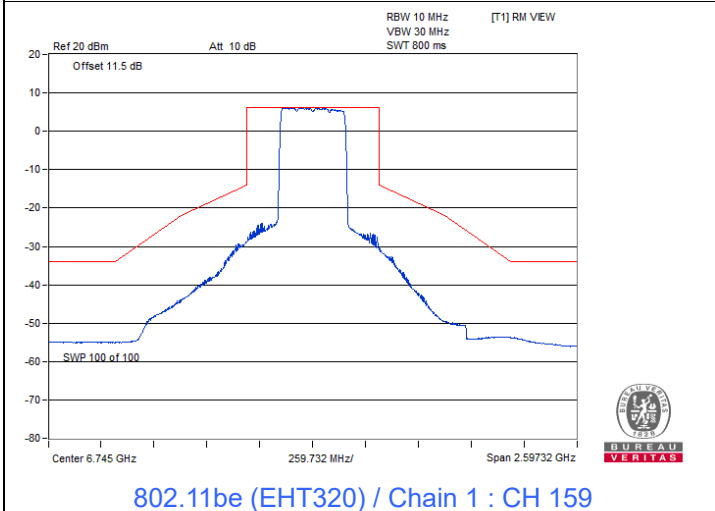
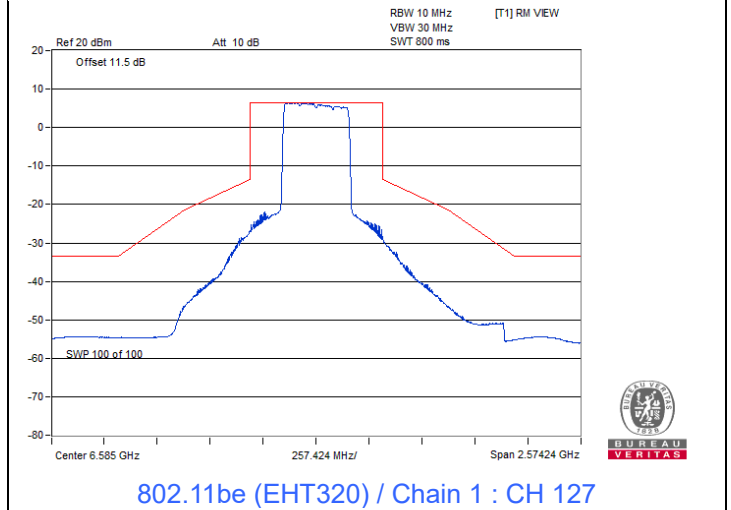
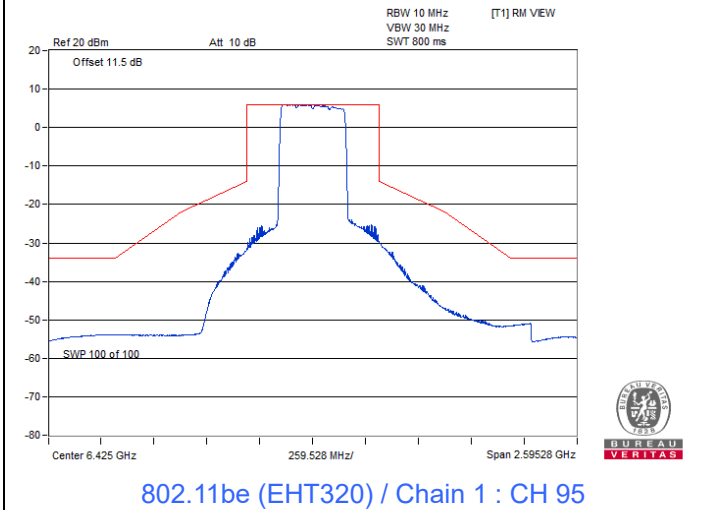
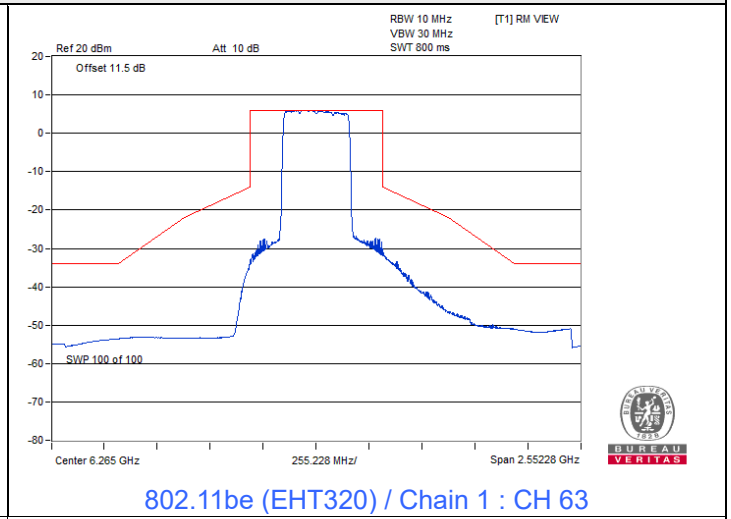
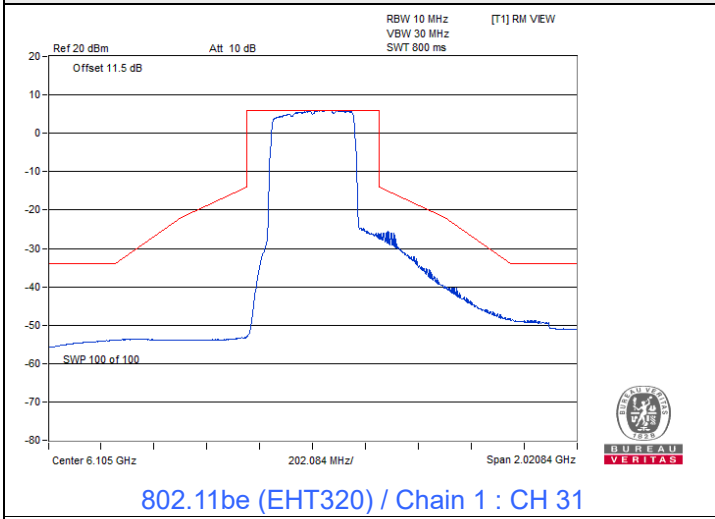
Spectrum Plot



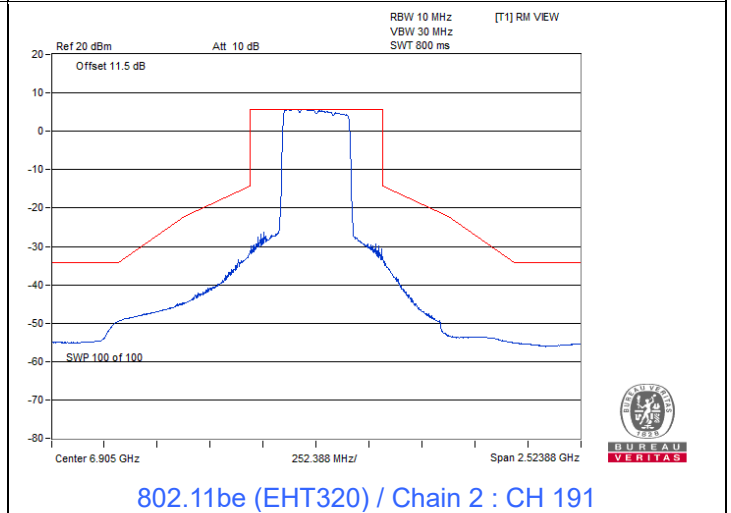
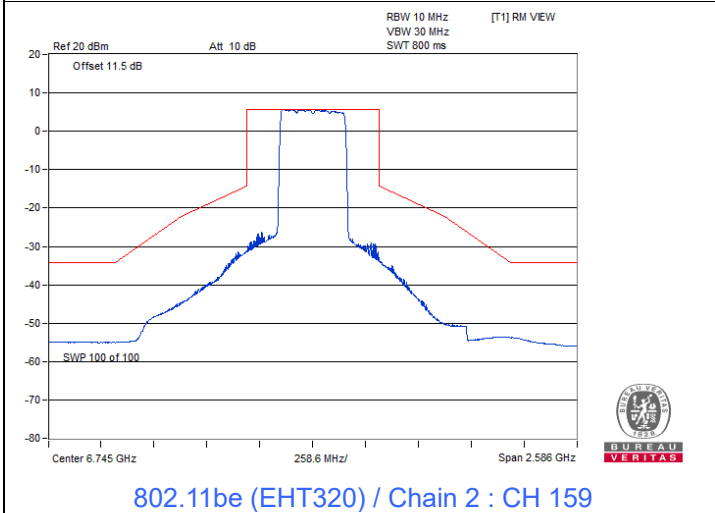
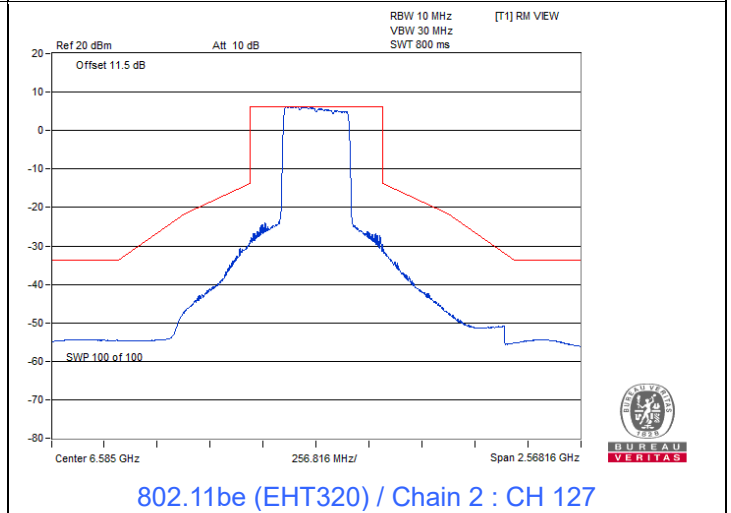
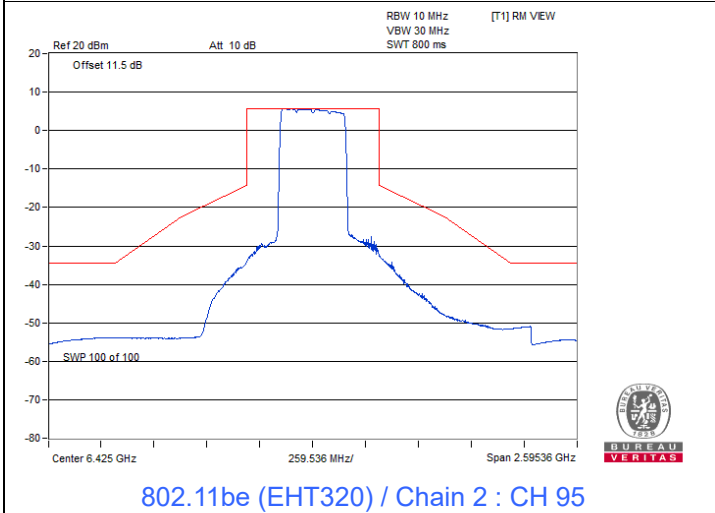
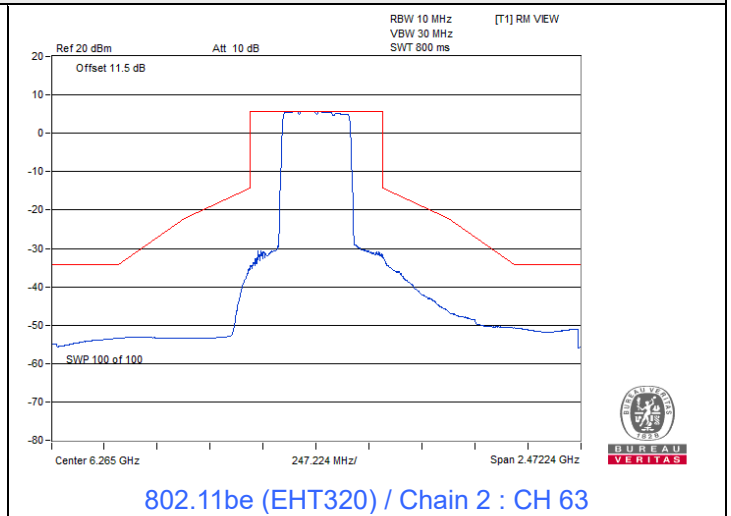
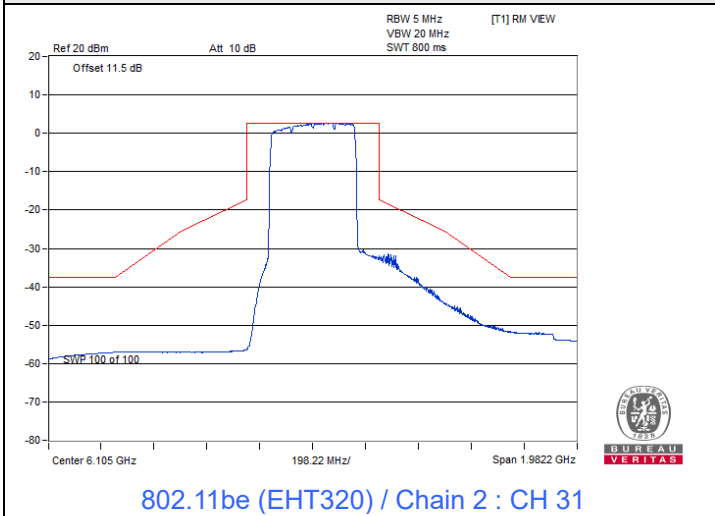
802.11be (EHT320) Beamforming



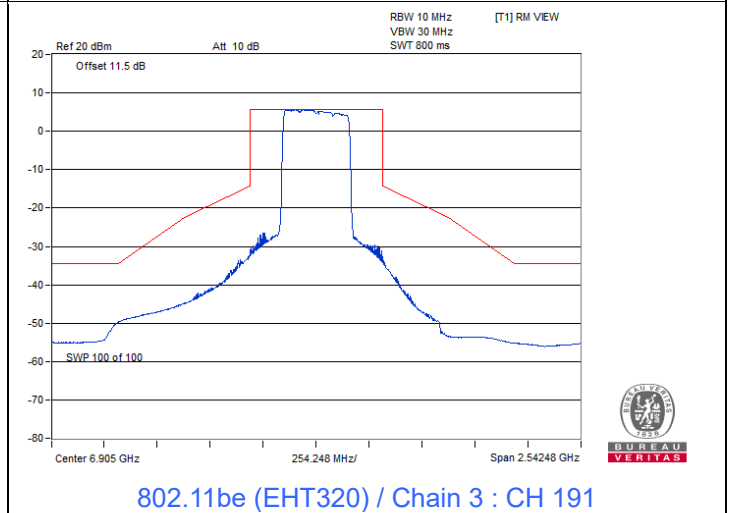
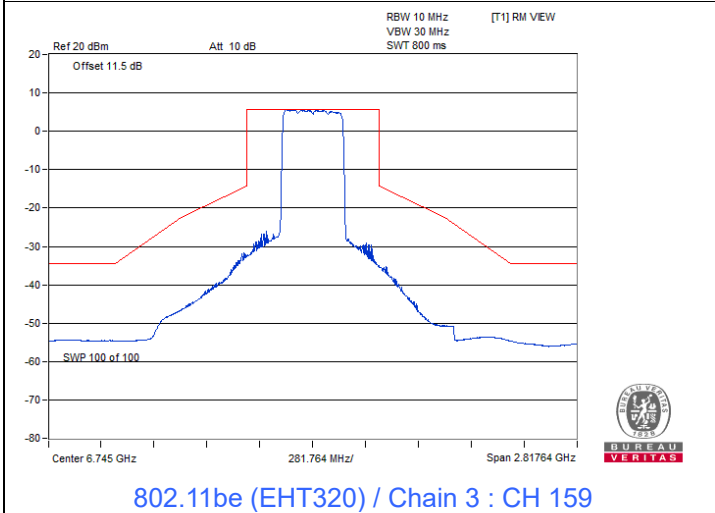
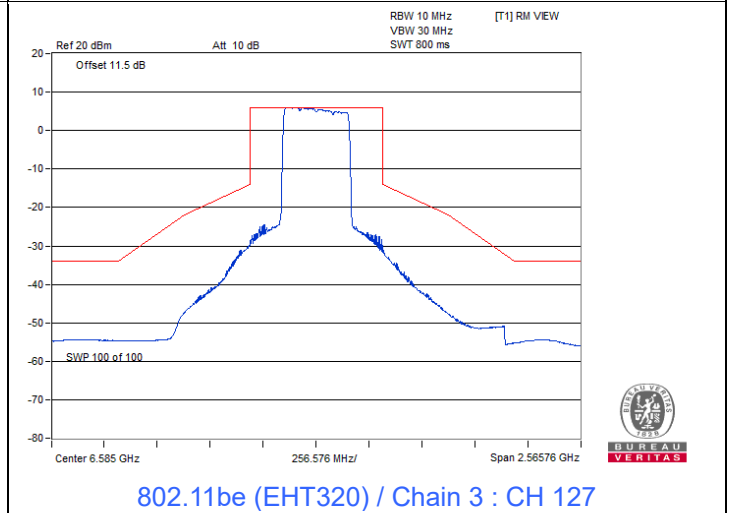
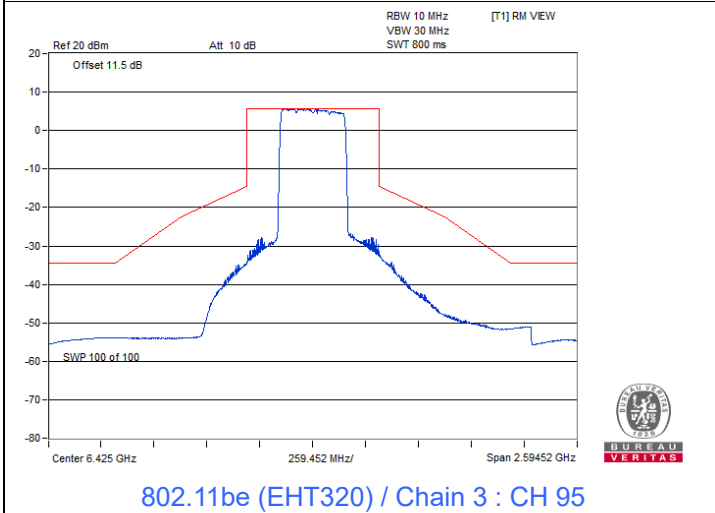
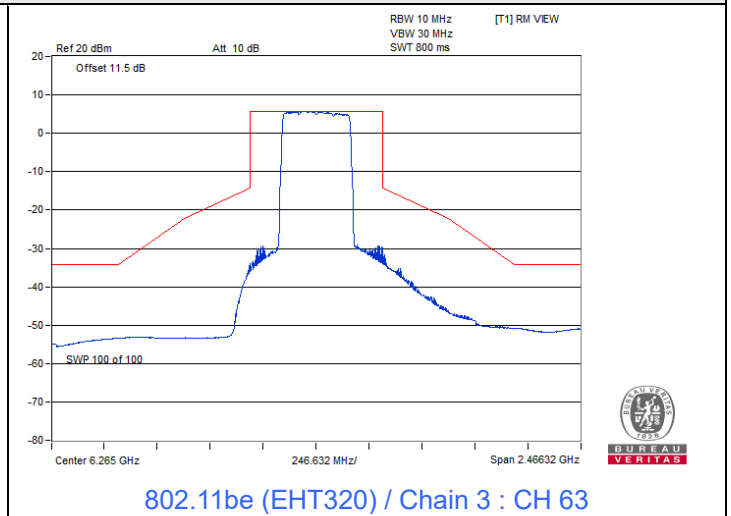
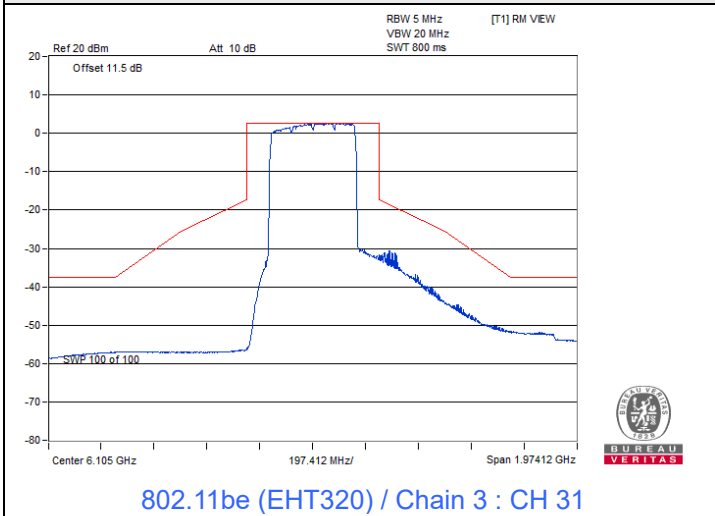
Spectrum Plot



Spectrum Plot



Spectrum Plot

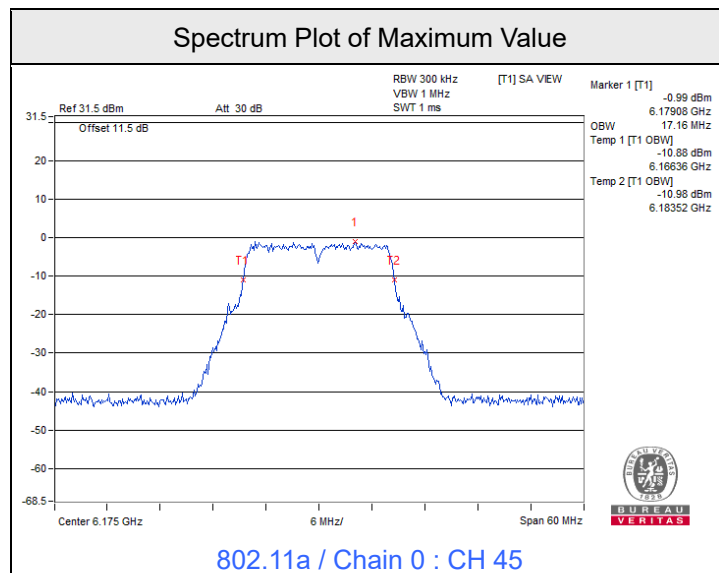


7.5 Occupied Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Chris Lin
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802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
1	5955	16.98	16.98	17.04	16.98	320	Pass
45	6175	17.16	17.04	17.04	17.04	320	Pass
93	6415	17.04	17.16	17.04	16.92	320	Pass
97	6435	17.04	17.16	17.04	17.04	320	Pass
105	6475	17.04	17.04	17.04	16.92	320	Pass
113	6515	17.04	17.04	17.04	17.04	320	Pass
117	6535	17.04	17.16	17.04	17.04	320	Pass
149	6695	17.04	17.16	16.92	17.04	320	Pass
181	6855	17.04	17.04	17.10	17.04	320	Pass
185	6875	17.04	17.04	17.04	17.04	320	Pass
209	6995	17.04	17.04	17.04	17.04	320	Pass
229	7095	17.04	17.16	17.04	17.04	320	Pass
233	7115	17.04	17.04	17.04	17.04	320	Pass



Beamforming (4T1S)

802.11be (EHT20) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
1	5955	19.14	19.08	19.20	19.08	320	Pass
45	6175	19.20	19.20	19.08	19.08	320	Pass
93	6415	19.20	19.20	19.08	19.20	320	Pass
97	6435	19.08	19.08	19.20	19.08	320	Pass
105	6475	19.20	19.32	19.08	19.08	320	Pass
113	6515	19.20	19.08	19.20	19.08	320	Pass
117	6535	19.20	19.32	19.08	19.08	320	Pass
149	6695	19.20	19.08	19.08	19.20	320	Pass
181	6855	19.08	19.08	19.20	19.08	320	Pass
185	6875	19.14	19.08	19.08	19.08	320	Pass
209	6995	19.08	19.08	19.08	19.08	320	Pass
229	7095	19.20	19.20	19.08	19.20	320	Pass
233	7115	19.20	19.32	19.20	19.32	320	Pass

802.11be (EHT40) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
3	5965	38.40	38.40	38.40	38.64	320	Pass
43	6165	38.64	38.64	38.64	38.64	320	Pass
91	6405	38.64	38.40	38.40	38.40	320	Pass
99	6445	38.16	38.64	38.64	38.64	320	Pass
107	6485	38.64	38.40	38.64	38.40	320	Pass
115	6525	38.64	38.64	38.64	38.40	320	Pass
123	6565	38.40	38.40	38.64	38.64	320	Pass
155	6725	38.64	38.40	38.40	38.40	320	Pass
179	6845	38.64	38.64	38.40	38.64	320	Pass
187	6885	38.64	38.64	38.64	38.40	320	Pass
211	7005	38.64	38.64	38.64	38.40	320	Pass
227	7085	38.64	38.64	38.40	38.40	320	Pass

802.11be (EHT80) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
7	5985	77.76	78.00	77.76	77.76	320	Pass
39	6145	77.76	77.76	78.24	77.76	320	Pass
87	6385	78.24	78.24	78.24	77.76	320	Pass
103	6465	77.76	77.76	78.24	78.24	320	Pass
119	6545	78.24	78.24	77.76	78.24	320	Pass
151	6705	78.24	78.24	78.24	78.24	320	Pass
183	6865	78.24	77.76	77.76	78.24	320	Pass
199	6945	77.76	78.24	77.76	78.24	320	Pass
215	7025	78.24	77.76	78.24	77.76	320	Pass

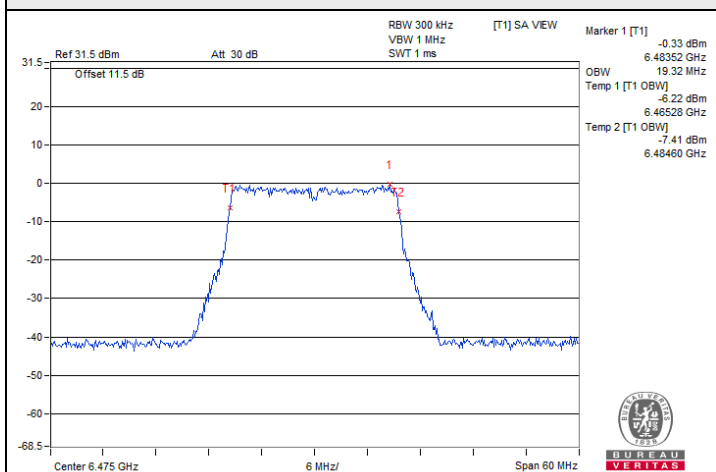
802.11be (EHT160) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
15	6025	157.44	157.44	157.44	157.44	320	Pass
47	6185	157.44	158.40	158.40	158.40	320	Pass
79	6345	158.40	158.40	158.40	157.44	320	Pass
111	6505	158.40	158.40	158.40	158.40	320	Pass
143	6665	158.40	157.44	158.40	158.40	320	Pass
175	6825	158.40	157.44	157.44	158.40	320	Pass
207	6985	158.40	157.44	158.40	157.44	320	Pass

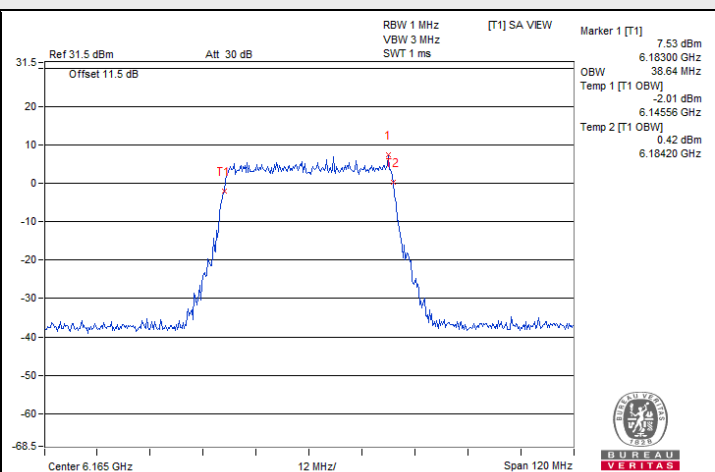
802.11be (EHT320) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
31	6105	314.88	314.88	316.80	314.88	320	Pass
63	6265	316.80	318.72	316.80	316.80	320	Pass
95	6425	316.80	316.80	316.80	316.80	320	Pass
127	6585	316.80	316.80	316.80	316.80	320	Pass
159	6745	316.80	316.80	316.80	316.80	320	Pass
191	6905	316.80	316.80	316.80	316.80	320	Pass

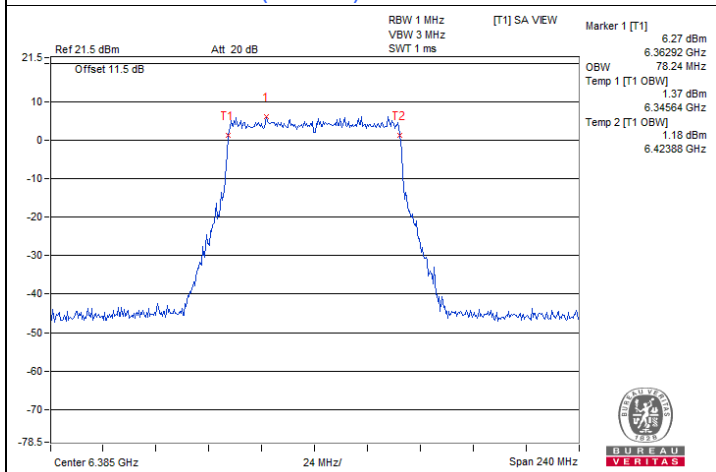
Spectrum Plot of Maximum Value



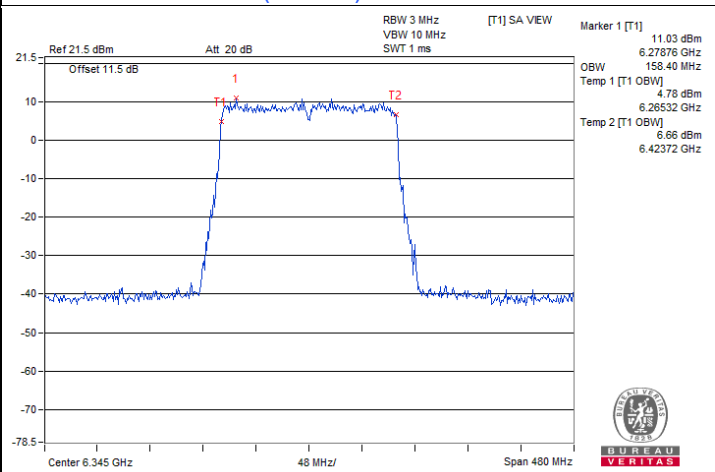
802.11be (EHT20) / Chain 1 : CH 105



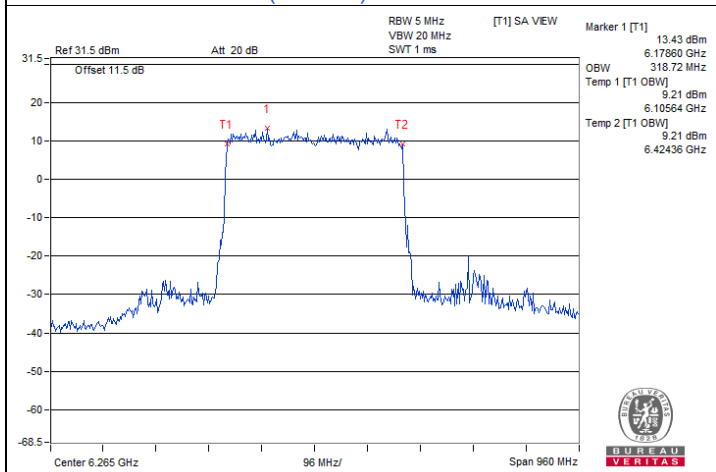
802.11be (EHT40) / Chain 0 : CH 43



802.11be (EHT80) / Chain 0 : CH 87



802.11be (EHT160) / Chain 0 : CH 79



802.11be (EHT320) / Chain 1 : CH 63

Beamforming (4T4S)

802.11be (EHT20) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
1	5955	19.14	19.14	19.26	19.26	320	Pass
45	6175	19.08	19.08	19.20	19.32	320	Pass
93	6415	19.08	19.08	19.32	19.20	320	Pass
97	6435	19.20	19.08	19.32	19.20	320	Pass
105	6475	19.20	19.08	19.32	19.20	320	Pass
113	6515	19.20	19.20	19.32	19.32	320	Pass
117	6535	19.20	19.20	19.32	19.20	320	Pass
149	6695	19.08	19.32	19.32	19.08	320	Pass
181	6855	19.20	19.20	19.32	19.20	320	Pass
185	6875	19.20	19.32	19.20	19.32	320	Pass
209	6995	19.08	19.08	19.20	19.08	320	Pass
229	7095	19.20	19.20	19.08	19.20	320	Pass
233	7115	19.08	19.32	19.32	19.20	320	Pass

802.11be (EHT40) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
3	5965	38.40	38.40	38.40	38.40	320	Pass
43	6165	38.40	38.16	38.64	38.16	320	Pass
91	6405	38.40	38.40	38.64	38.64	320	Pass
99	6445	38.40	38.64	38.40	38.16	320	Pass
107	6485	38.16	38.64	38.64	38.64	320	Pass
115	6525	38.16	38.16	38.64	38.40	320	Pass
123	6565	38.64	38.64	38.64	38.40	320	Pass
155	6725	38.40	38.40	38.40	38.64	320	Pass
179	6845	38.40	38.16	38.64	38.40	320	Pass
187	6885	38.16	38.16	38.64	38.64	320	Pass
211	7005	38.40	38.16	38.64	38.40	320	Pass
227	7085	38.64	38.16	38.40	38.64	320	Pass

802.11be (EHT80) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
7	5985	77.76	77.76	77.76	77.76	320	Pass
39	6145	77.76	77.76	77.76	77.76	320	Pass
87	6385	78.24	78.00	78.24	78.24	320	Pass
103	6465	78.24	78.24	77.76	77.76	320	Pass
119	6545	77.76	78.24	78.24	78.24	320	Pass
151	6705	78.24	78.24	77.76	78.24	320	Pass
183	6865	77.76	78.24	78.24	78.24	320	Pass
199	6945	77.76	78.24	78.24	78.24	320	Pass
215	7025	77.76	78.24	78.24	78.24	320	Pass

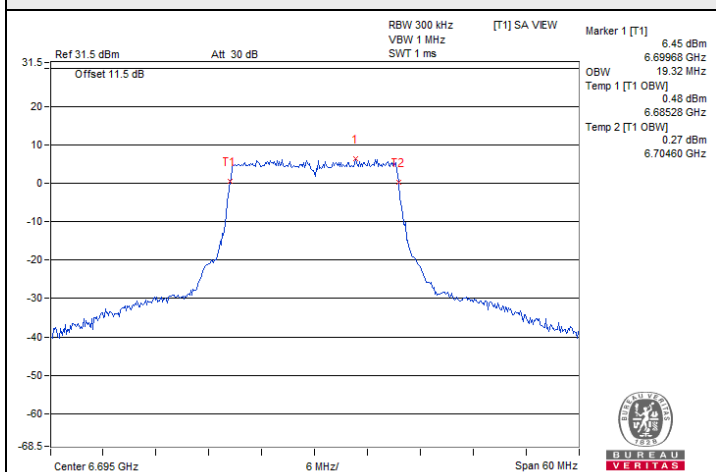
802.11be (EHT160) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
15	6025	158.40	157.44	158.40	157.44	320	Pass
47	6185	159.36	158.40	158.40	158.40	320	Pass
79	6345	158.40	158.40	158.40	158.40	320	Pass
111	6505	158.40	158.88	158.40	158.40	320	Pass
143	6665	158.40	158.40	158.40	158.40	320	Pass
175	6825	158.40	158.40	158.40	158.40	320	Pass
207	6985	159.36	158.40	158.40	158.40	320	Pass

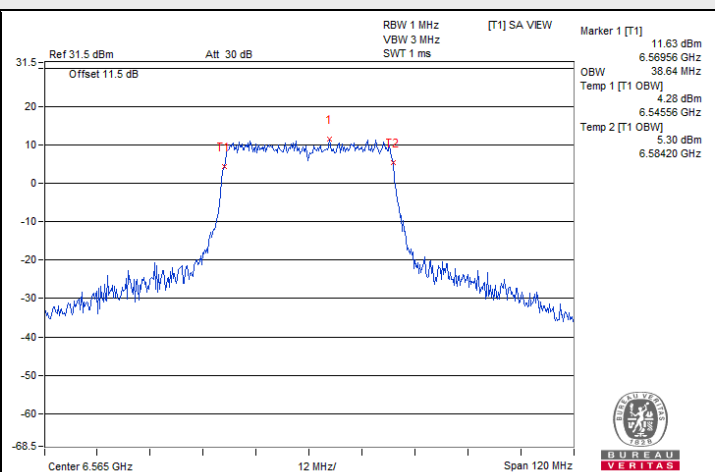
802.11be (EHT320) Beamforming

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
31	6105	318.72	316.80	316.80	314.88	320	Pass
63	6265	318.72	316.80	316.80	316.80	320	Pass
95	6425	317.76	317.76	316.80	316.80	320	Pass
127	6585	318.72	318.72	316.80	316.80	320	Pass
159	6745	317.76	316.80	318.72	316.80	320	Pass
191	6905	316.80	316.80	318.72	316.80	320	Pass

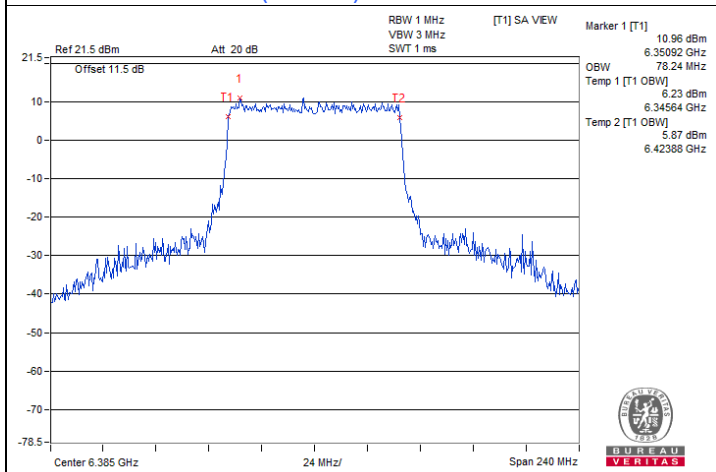
Spectrum Plot of Maximum Value



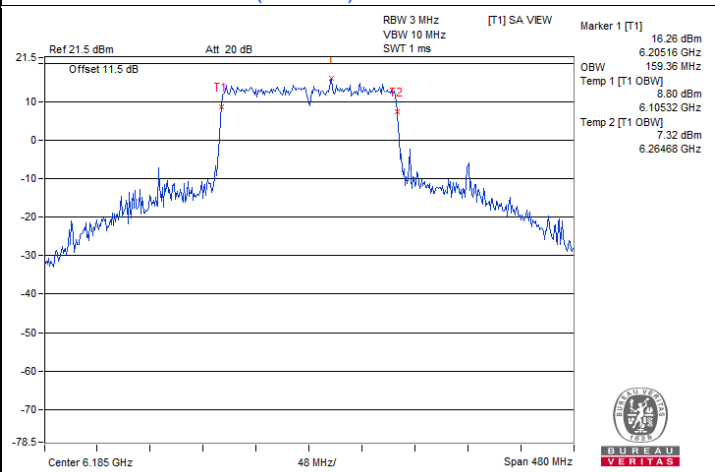
802.11be (EHT20) / Chain 1 : CH 149



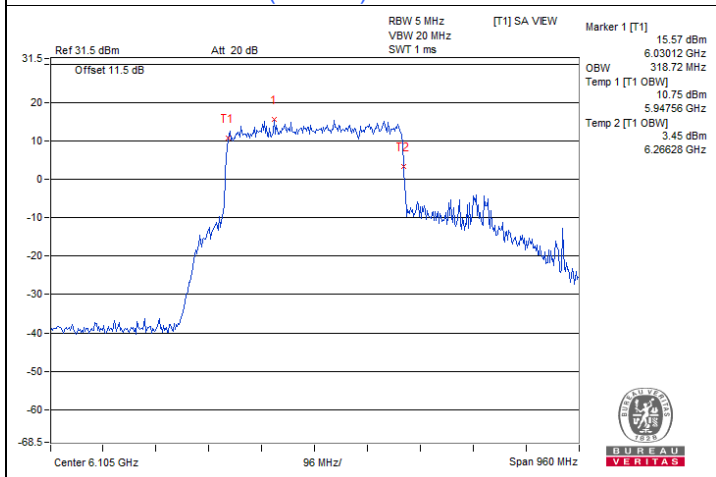
802.11be (EHT40) / Chain 0 : CH 123



802.11be (EHT80) / Chain 0 : CH 87



802.11be (EHT160) / Chain 0 : CH 47



802.11be (EHT320) / Chain 0 : CH 31

7.6 Frequency Stability

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Chris Lin
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Frequency Stability Versus Temperature

Operating Frequency: 5955 MHz

Temp. (°C)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
40	120	5954.9737	Pass	5954.9783	Pass	5954.9747	Pass	5954.978	Pass
30	120	5955.0061	Pass	5955.0013	Pass	5955.0053	Pass	5955.0053	Pass
20	120	5954.9952	Pass	5954.9984	Pass	5954.995	Pass	5954.9964	Pass
10	120	5955.0083	Pass	5955.0103	Pass	5955.0087	Pass	5955.0092	Pass
0	120	5955.0277	Pass	5955.0274	Pass	5955.0267	Pass	5955.0288	Pass

Frequency Stability Versus Voltage

Operating Frequency: 5955 MHz

Temp. (°C)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	138	5955.0021	Pass	5955.0046	Pass	5955.0015	Pass	5955.0021	Pass
	120	5954.9952	Pass	5954.9984	Pass	5954.995	Pass	5954.9964	Pass
	102	5954.988	Pass	5954.9884	Pass	5954.9901	Pass	5954.9866	Pass

7.7 Contention-based Protocol

Environmental Conditions:	25°C, 60% RH	Tested By:	Stan Shih
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Companion Device Information

Product	Brand	Model No.	Software/Firmware Version
BE18400 Tri-Band PoE 10G Insight Managed WiFi 7 Access Point	NETGEAR	WBE750	OpenWrt 19.07-SNAPSHOT r0-8a2ba3f/LuCI Master git-23.19.21831-8a2ba3f

Note:

1. For 802.11ax and 802.11be, the EUT not support Partial RU (resource unit) and channel puncturing/bandwidth reduction mechanisms.
2. The EUT device modulation technique OFDMA does not support channel puncturing/bandwidth reduction mechanisms.



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	-64	4.41	0	-68.41	-62	OFF
					-69	4.41	0	-73.41	-62	Minimal
					-77.59	4.41	0	-82	-62	ON
	320	31	6105	5950	-58	4.41	0	-62.41	-62	OFF
					-68	4.41	0	-72.41	-62	Minimal
					-77.59	4.41	0	-82	-62	ON
	320	31	6105	6105	-58	4.41	0	-62.41	-62	OFF
					-68	4.41	0	-72.41	-62	Minimal
					-77.59	4.41	0	-82	-62	ON
	320	31	6105	6260	-58	4.41	0	-62.41	-62	OFF
					-68	4.41	0	-72.41	-62	Minimal
					-77.59	4.41	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.

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
320	5950	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	
	6105	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	
	6260	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass	

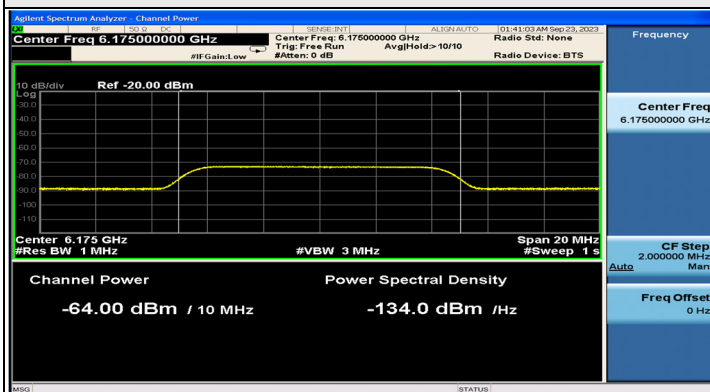
Plots of EUT Tx waveform



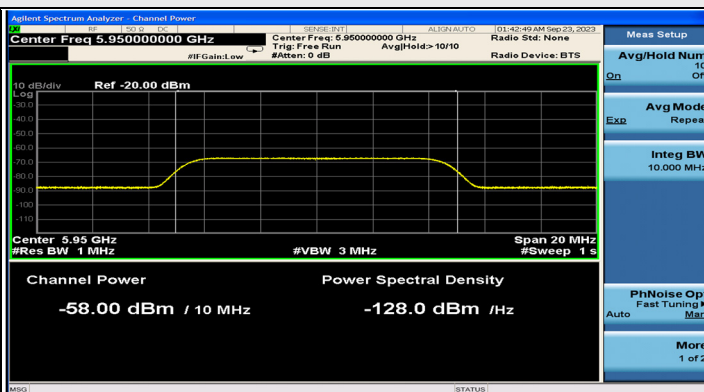
802.11be (EHT20) / CH45

802.11be (EHT320) / CH31

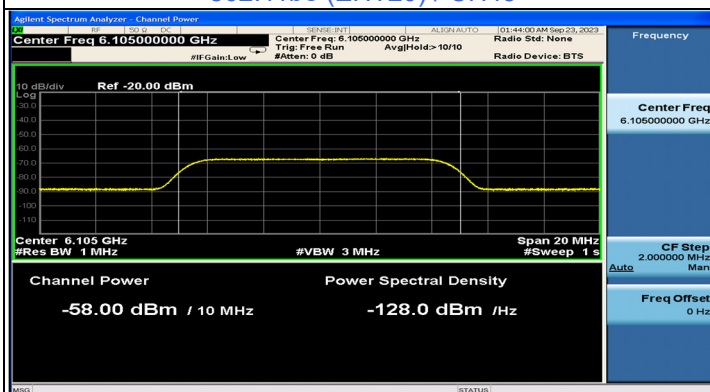
Plots of Injected signal (AWGN) level



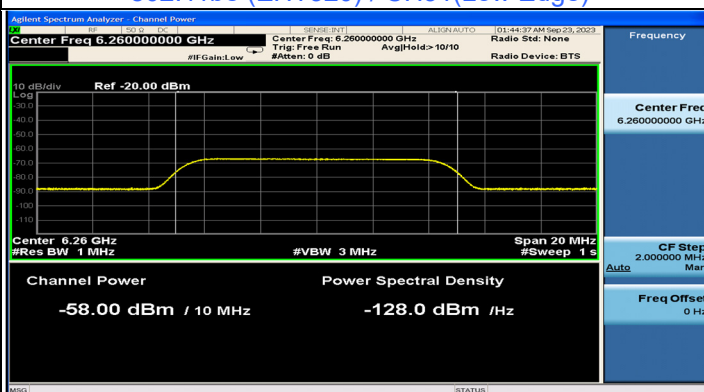
802.11be (EHT20) / CH45



802.11be (EHT320) / CH31(Low Edge)

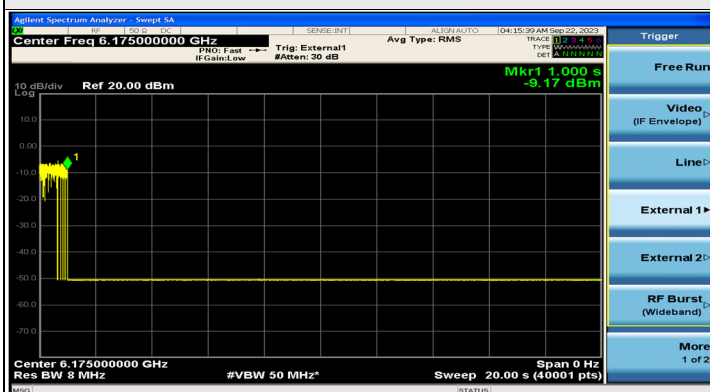


802.11be (EHT320) / CH31(Middle)

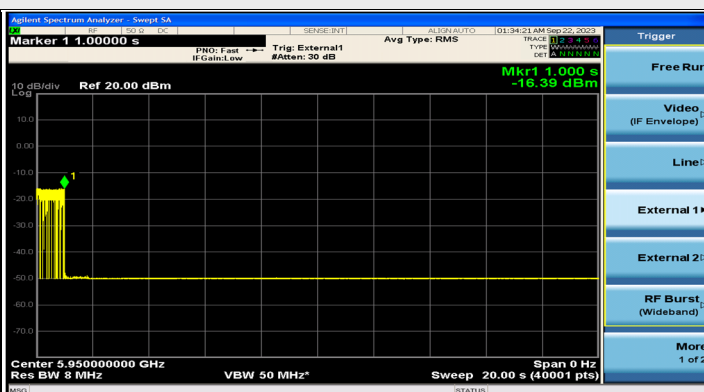


802.11be (EHT320) / CH31(High Edge)

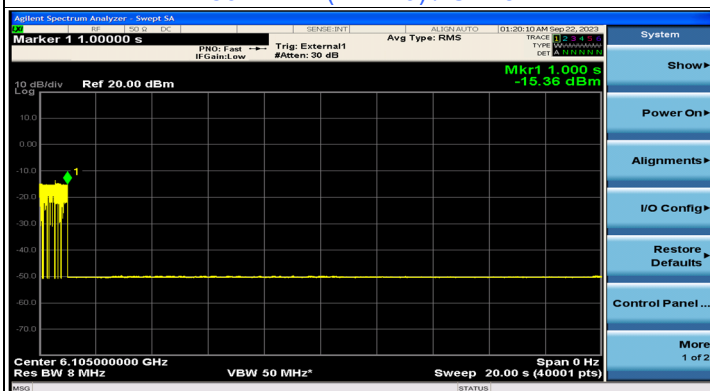
Plots of EUT ceased transmission in the time domain



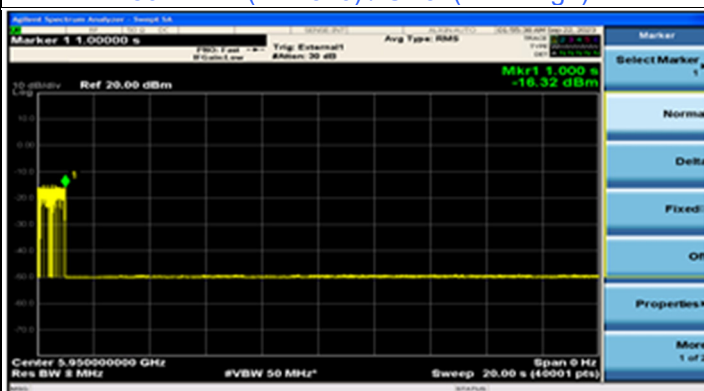
802.11be (EHT20) / CH45



802.11be (EHT320) / CH31(Low Edge)



802.11be (EHT320) / CH31(Middle)



802.11be (EHT320) / CH31(High Edge)



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	-63	4.41	0	-67.41	-62	OFF		
					-68	4.41	0	-72.41	-62	Minimal		
					-77.59	4.41	0	-82	-62	ON		
	320	95	6425	6270	-58	4.41	0	-62.41	-62	OFF		
					-68	4.41	0	-72.41	-62	Minimal		
					-77.59	4.41	0	-82	-62	ON		
		6580	95	6425	6425	-58	4.41	0	-62.41	-62	OFF	
						-68	4.41	0	-72.41	-62	Minimal	
						-77.59	4.41	0	-82	-62	ON	
			6580	95	6425	6425	-58	4.41	0	-62.41	-62	OFF
							-68	4.41	0	-72.41	-62	Minimal
							-77.59	4.41	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.

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
	320	6270	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6425	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

