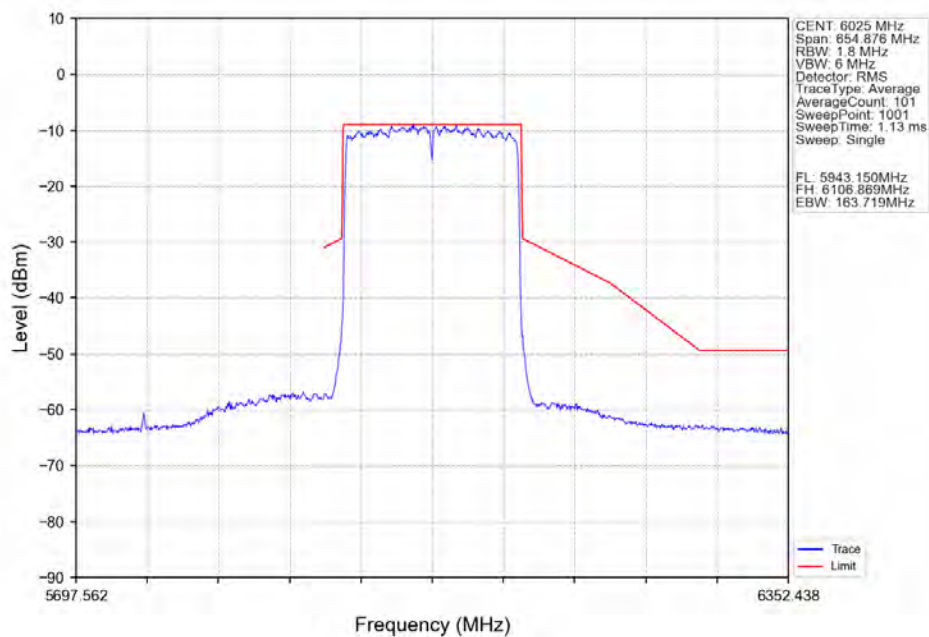
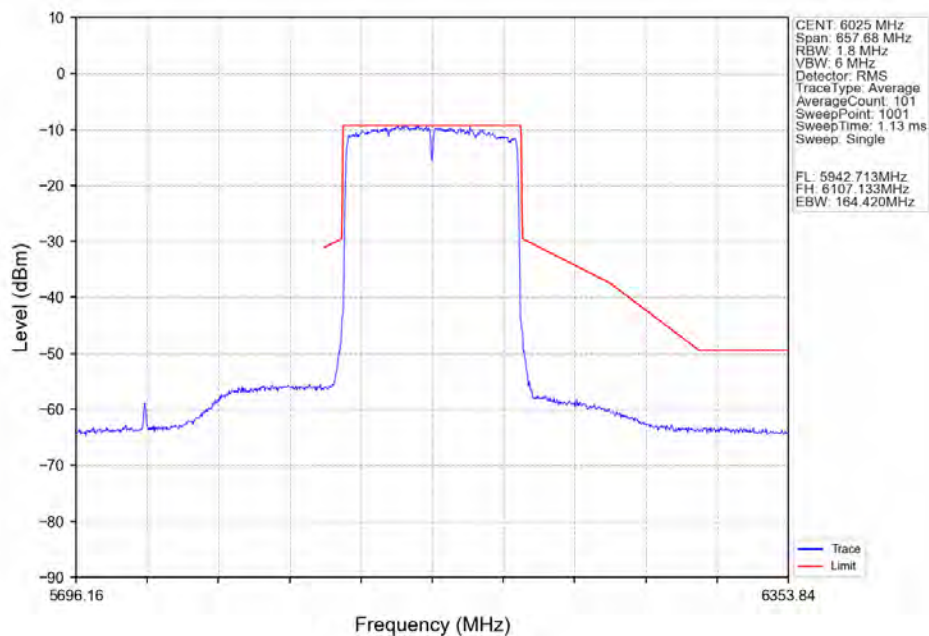


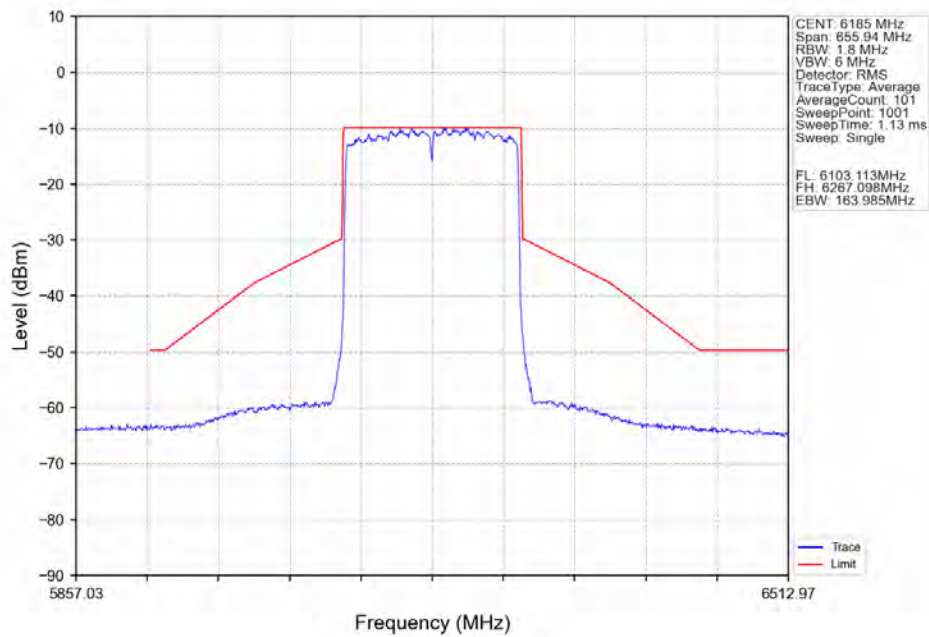
802.11ax(HEW160) LCH 6025MHz SU / Ant1 NTN



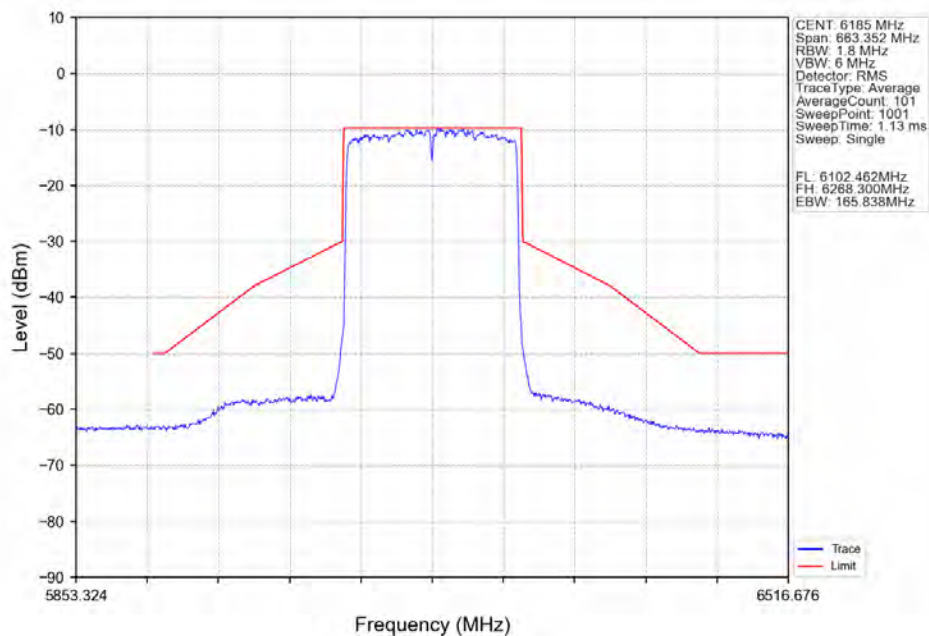
802.11ax(HEW160) LCH 6025MHz SU / Ant2 NTN



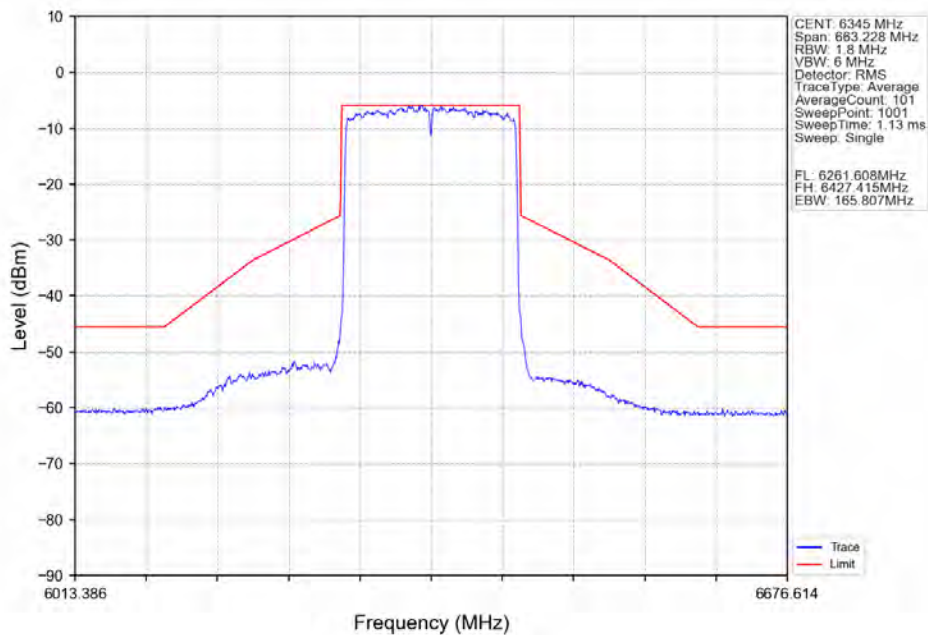
802.11ax(HEW160) MCH 6185MHz SU / Ant1 NTN



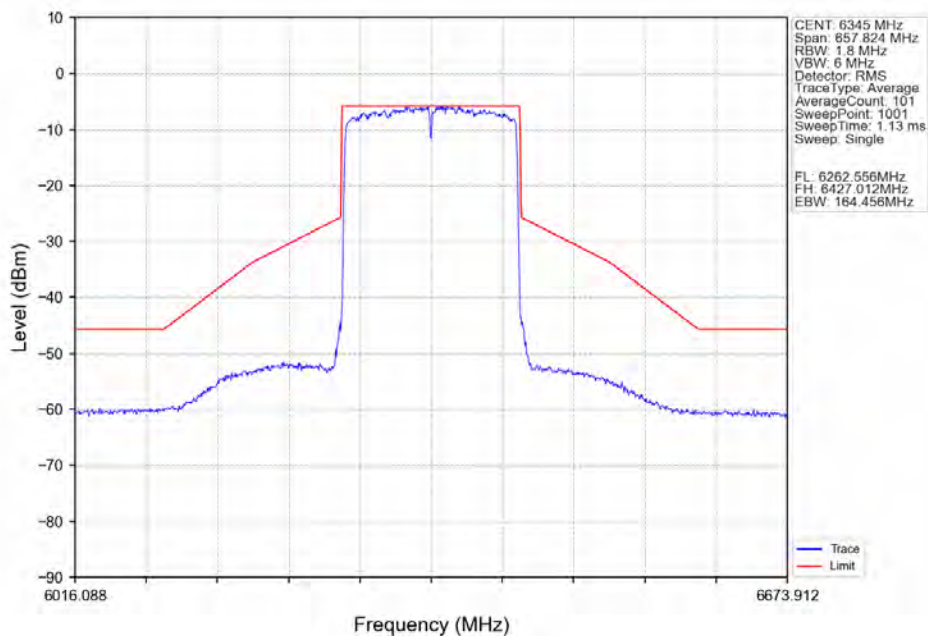
802.11ax(HEW160) MCH 6185MHz SU / Ant2 NTN



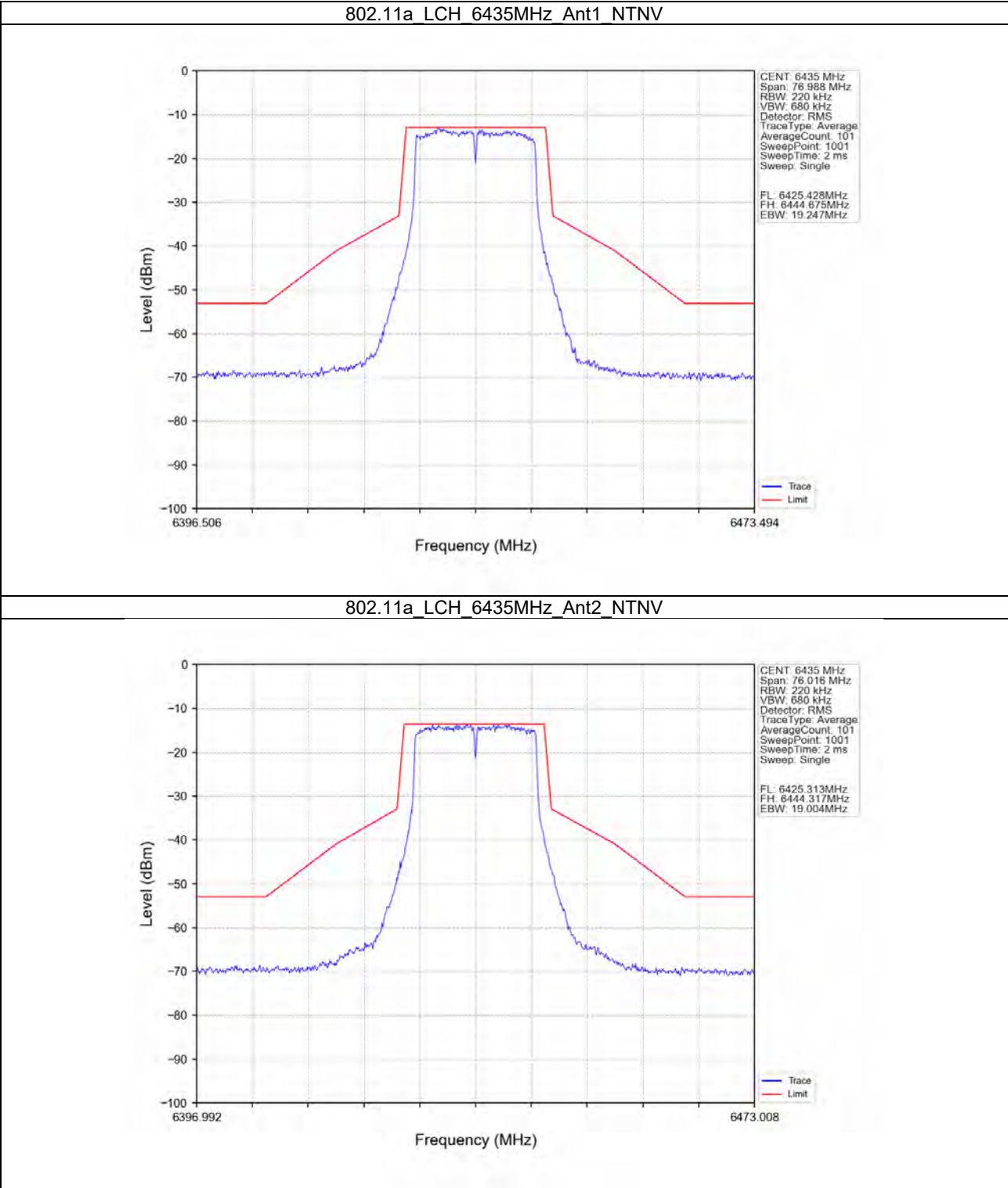
802.11ax(HEW160) HCH 6345MHz SU / Ant1 NTN



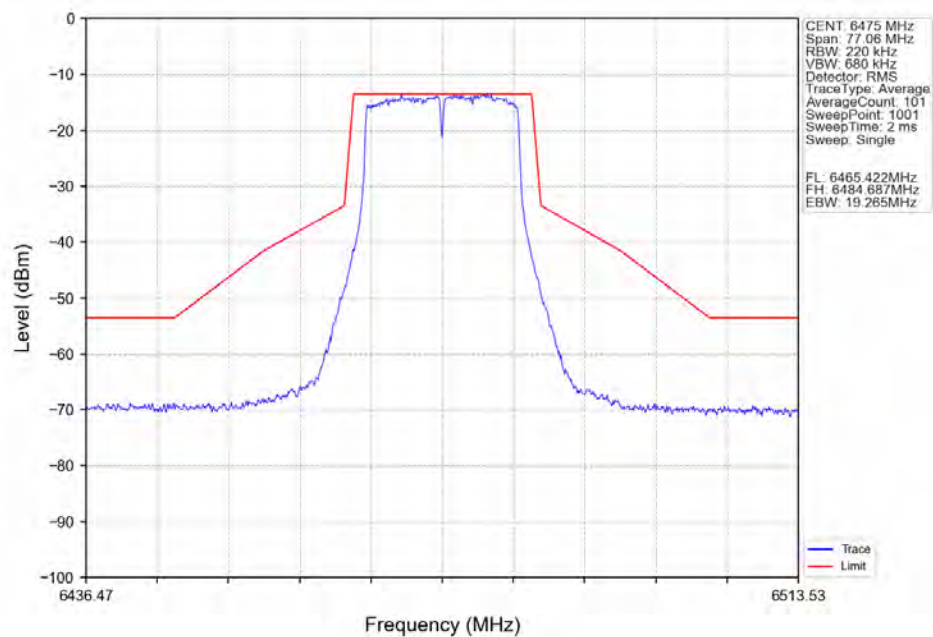
802.11ax(HEW160) HCH 6345MHz SU / Ant2 NTN



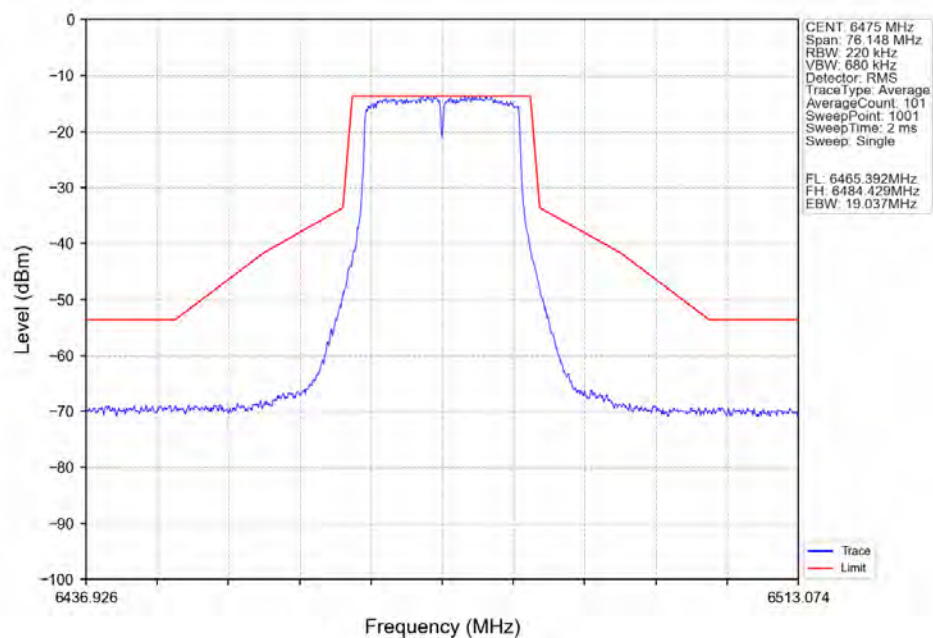
5.2.2 EMask



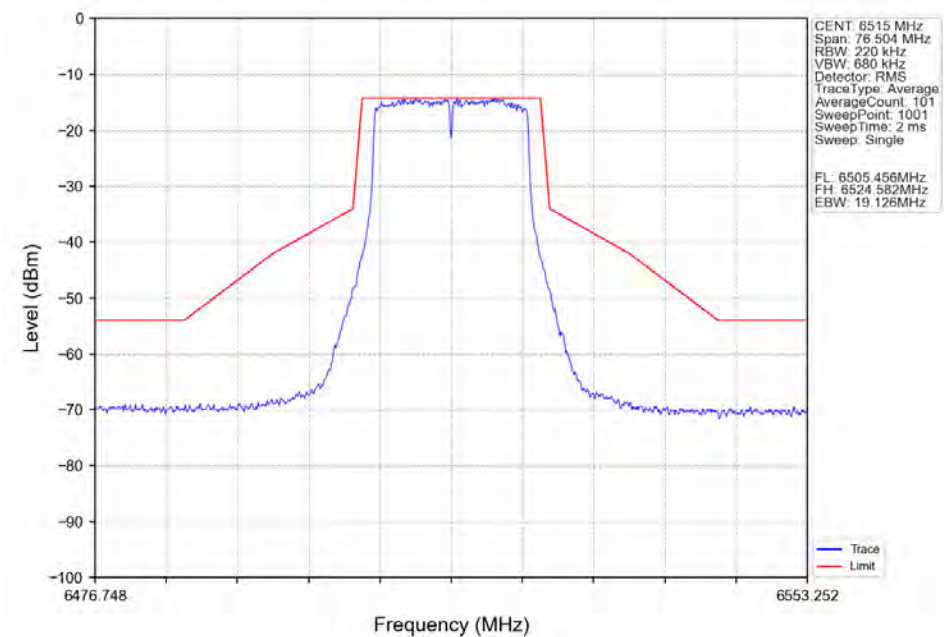
802.11a_MCH_6475MHz_Ant1_NTNV



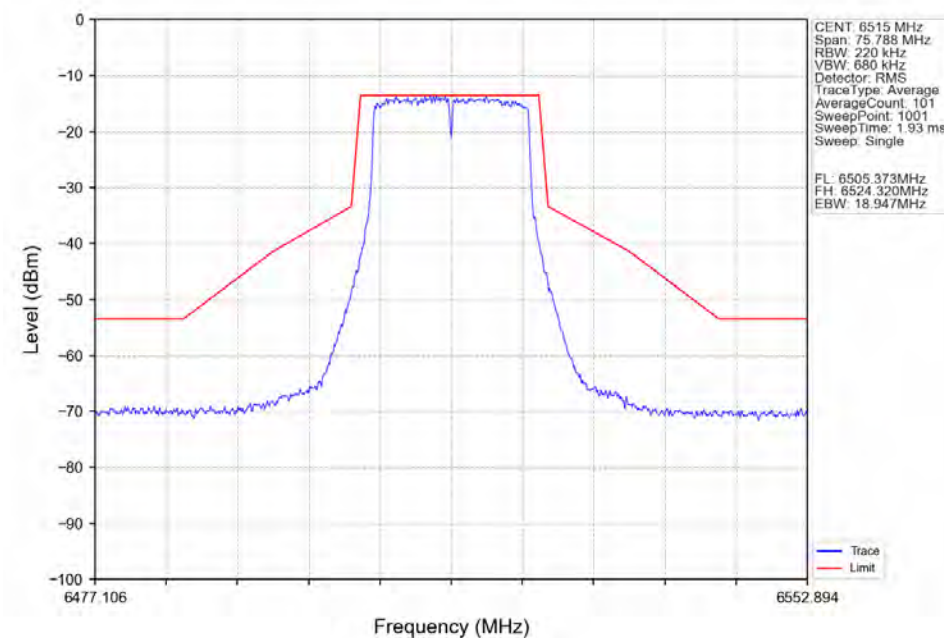
802.11a_MCH_6475MHz_Ant2_NTNV



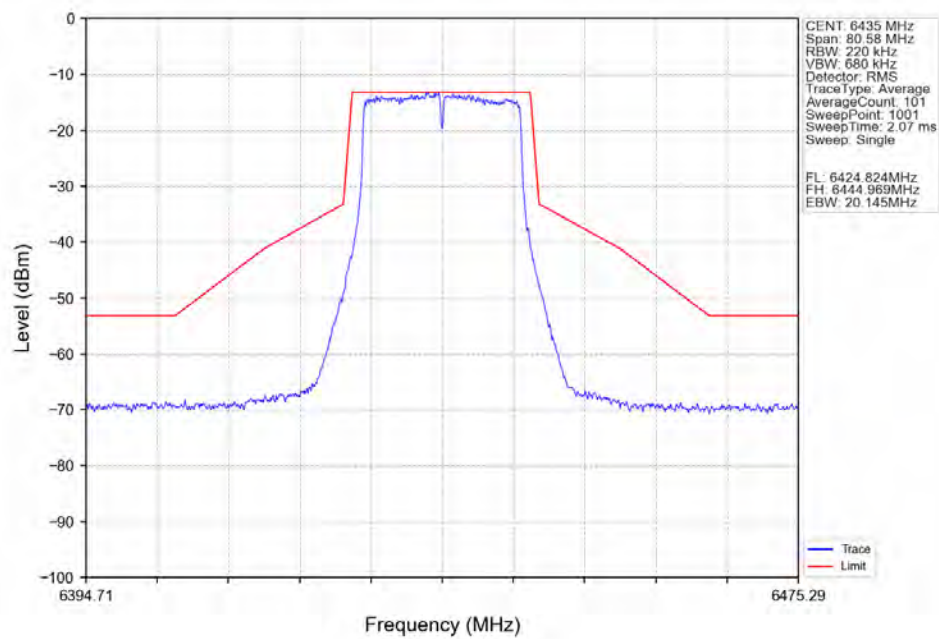
802.11a_HCH_6515MHz_Ant1_NTNV



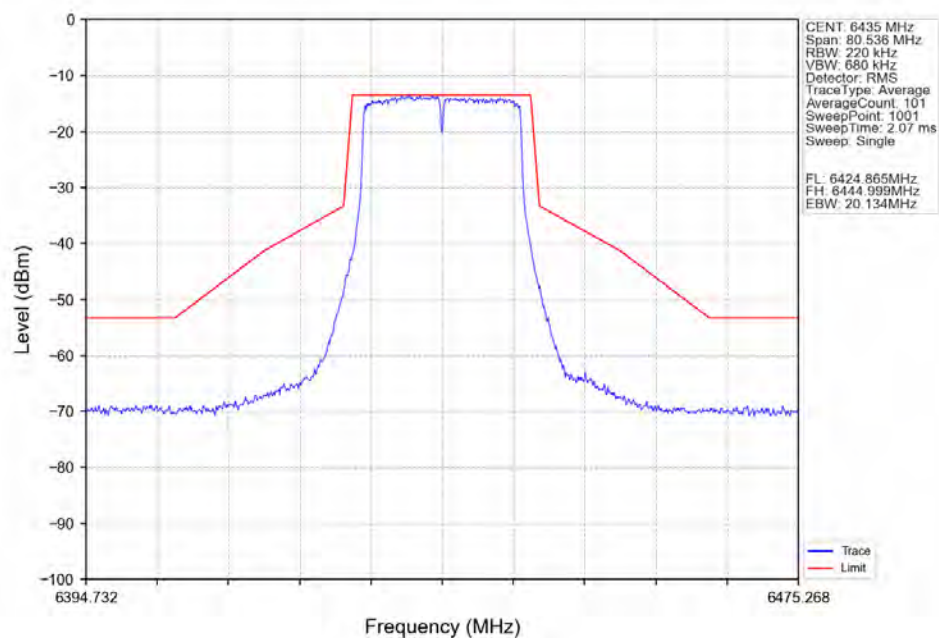
802.11a_HCH_6515MHz_Ant2_NTNV



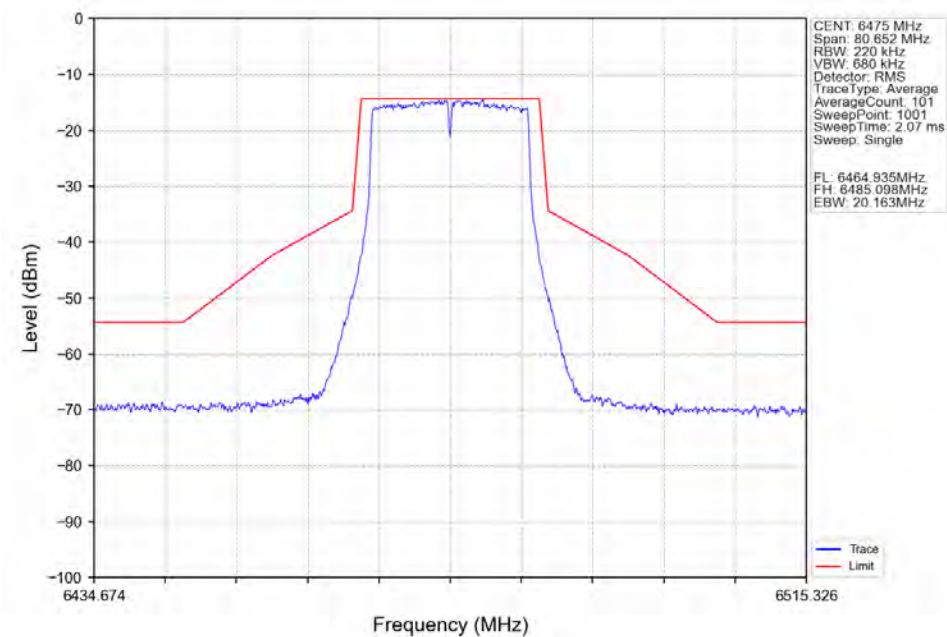
802.11n(HT20) LCH_6435MHz_Ant1_NTNV



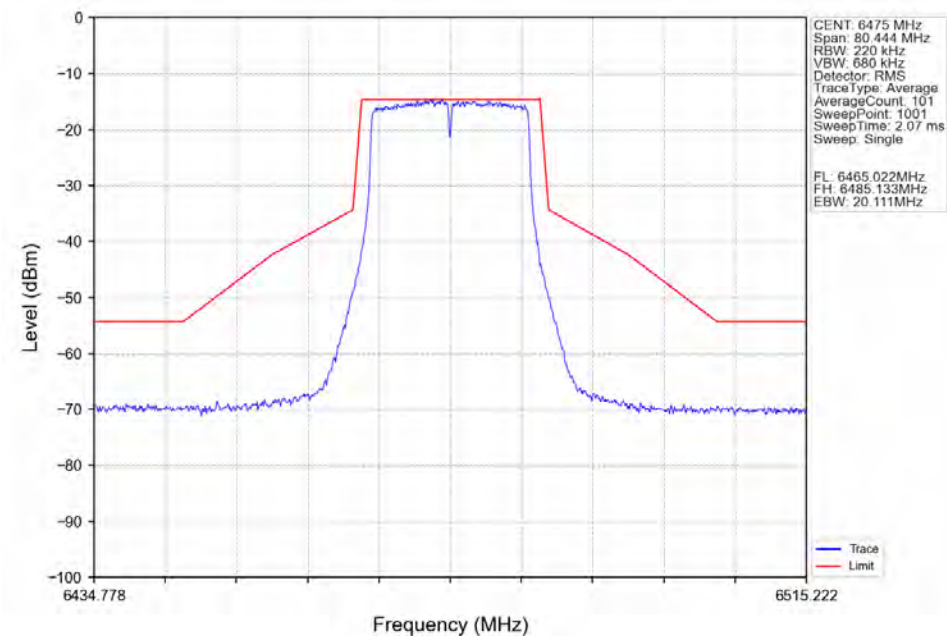
802.11n(HT20) LCH_6435MHz_Ant2_NTNV



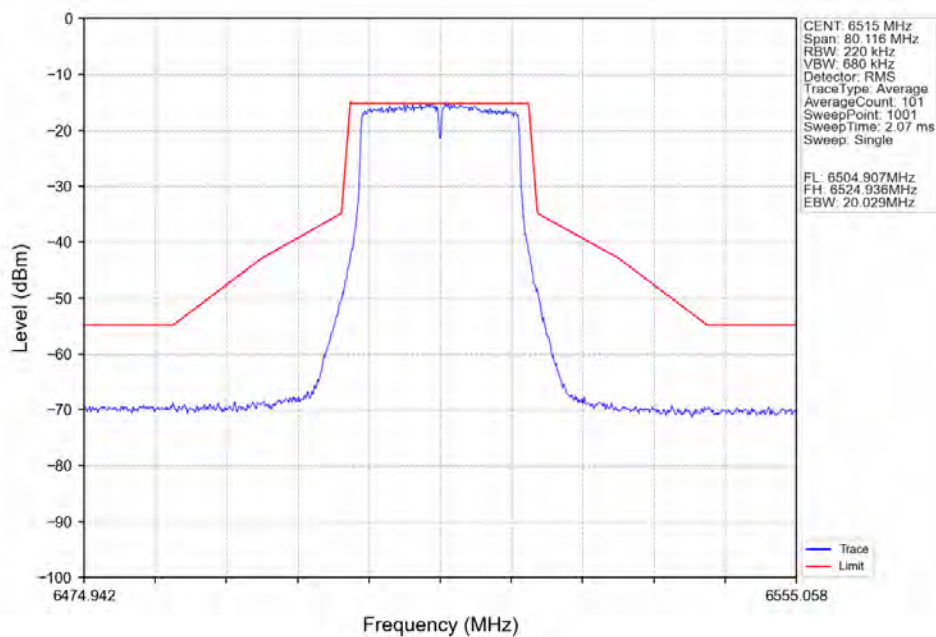
802.11n(HT20)_MCH_6475MHz_Ant1_NTNV



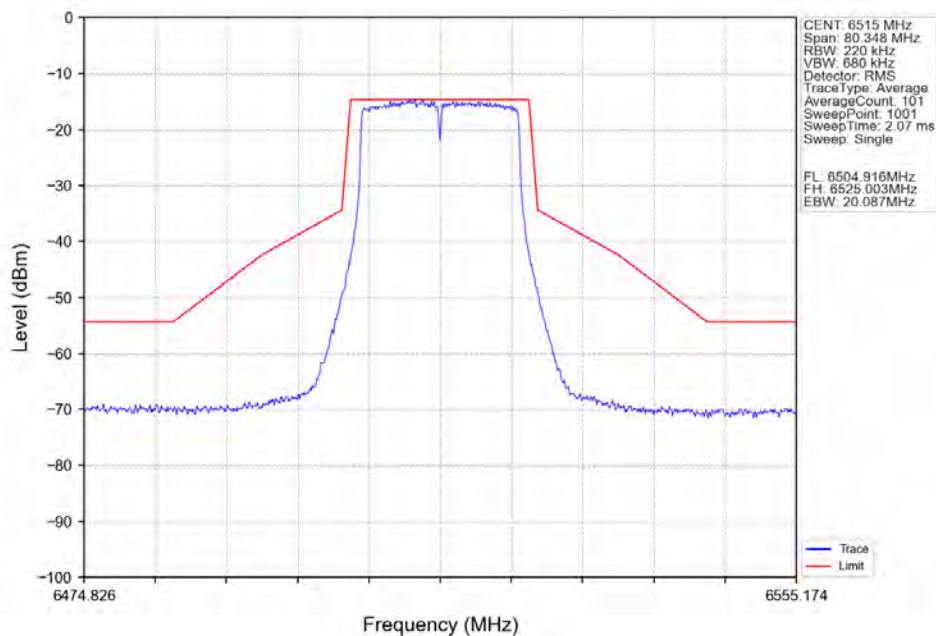
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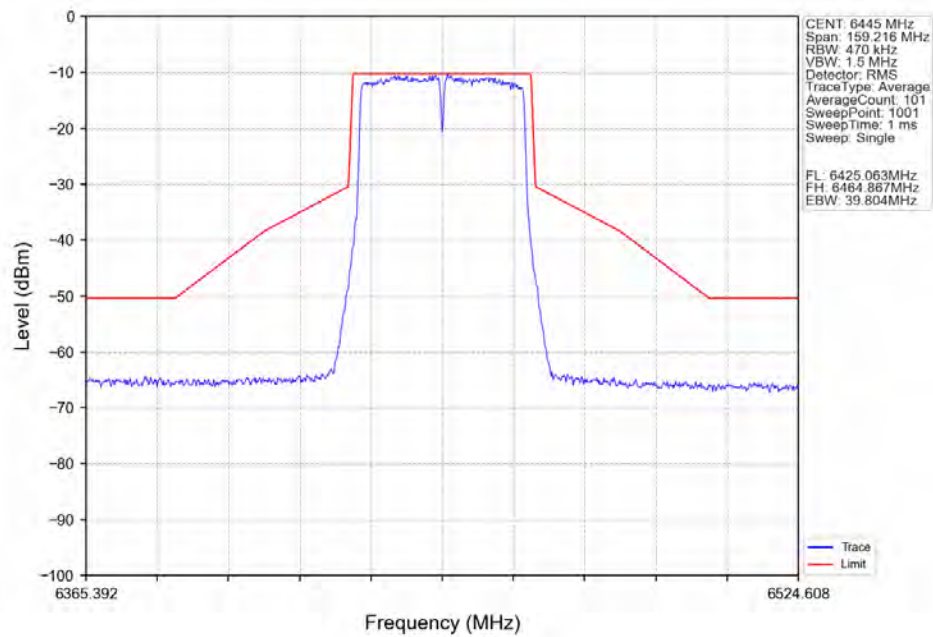
802.11n(HT20) HCH 6515MHz Ant1 NTN



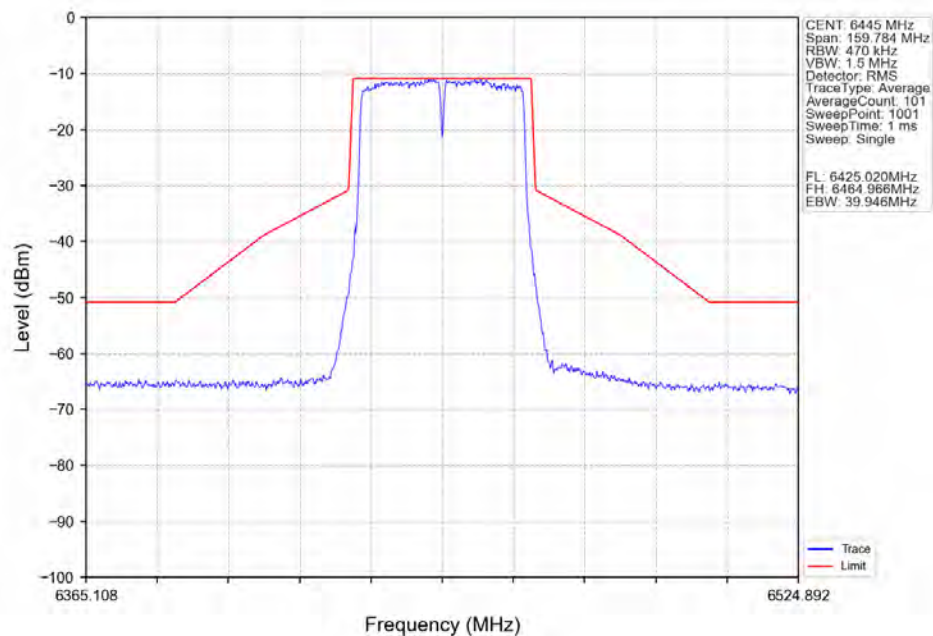
802.11n(HT20) HCH 6515MHz Ant2 NTN



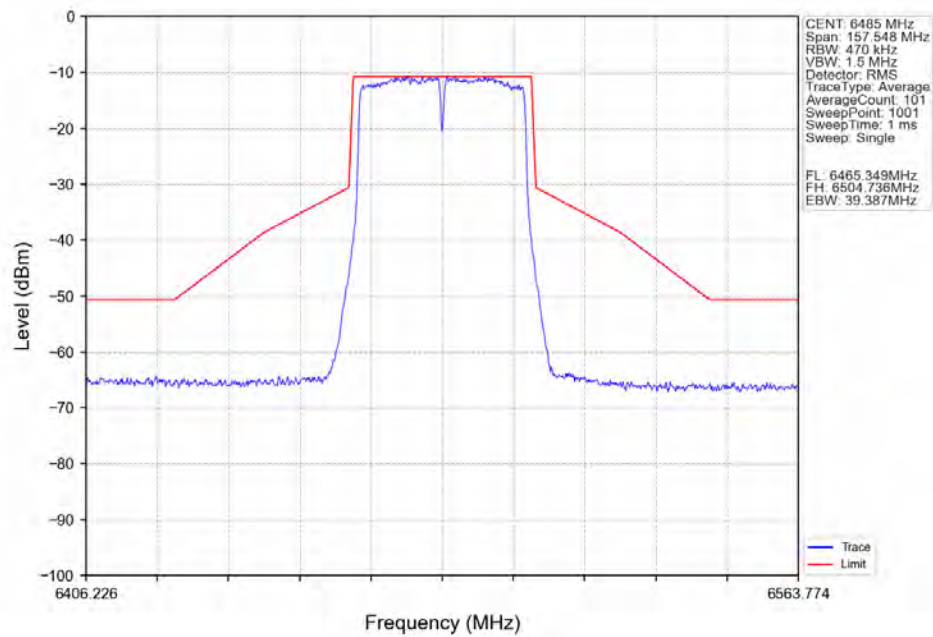
802.11n(HT40) LCH 6445MHz Ant1 NTN



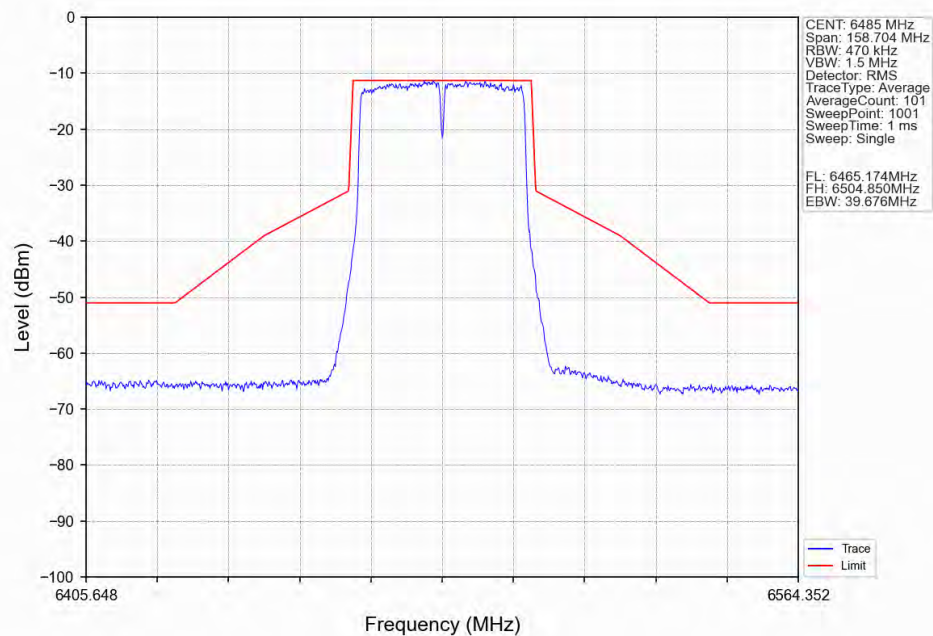
802.11n(HT40) LCH 6445MHz Ant2 NTN



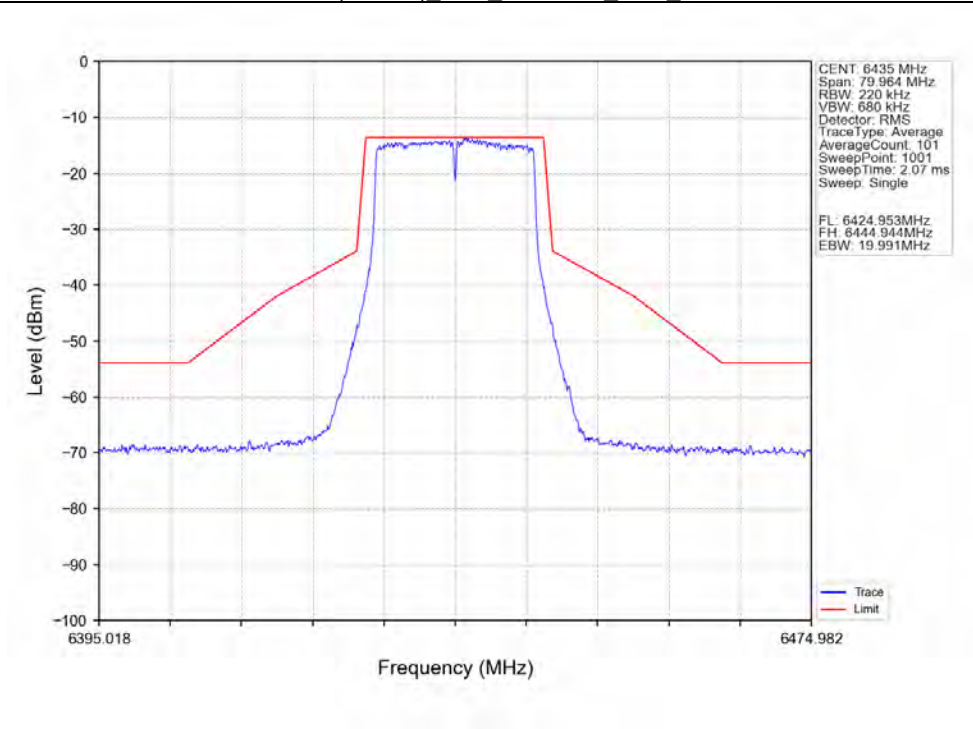
802.11n(HT40) MCH 6485MHz Ant1 NTN



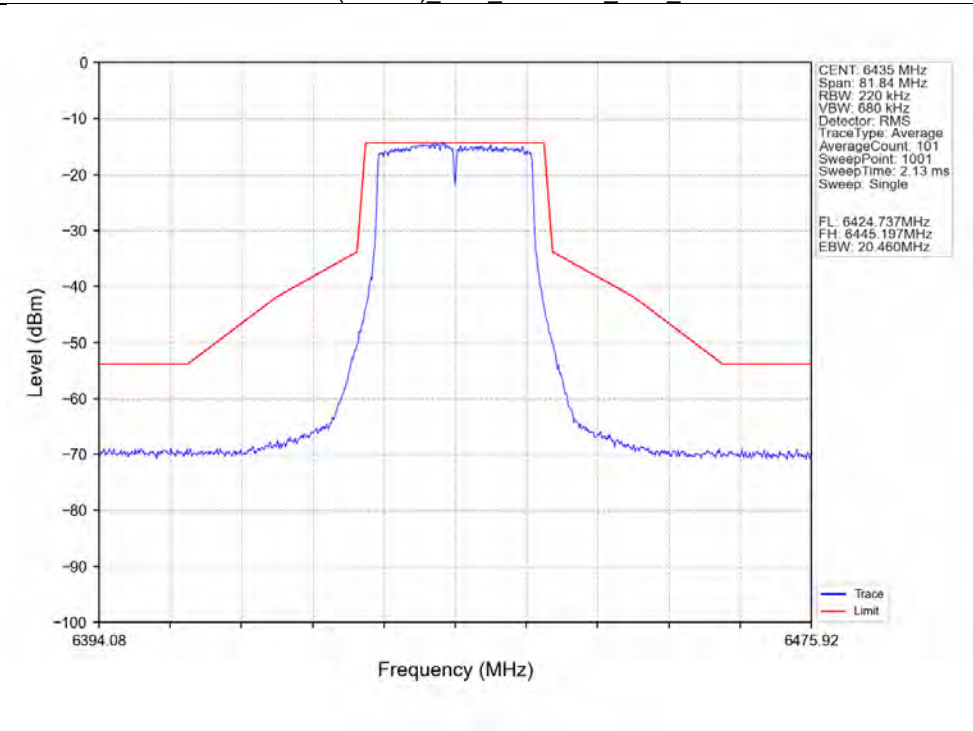
802.11n(HT40) MCH 6485MHz Ant2 NTN



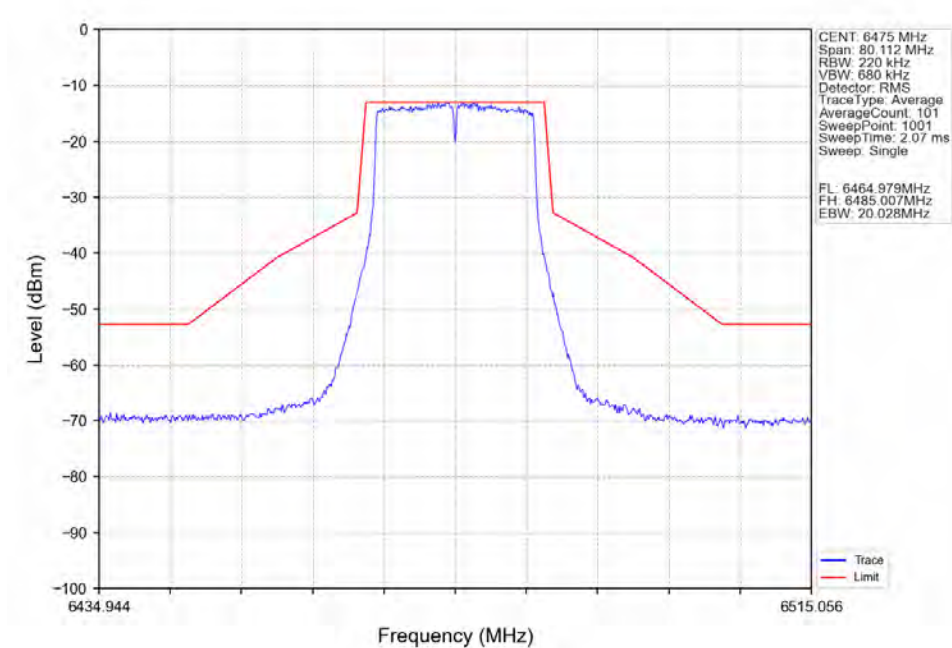
802.11ac(VHT20) LCH_6435MHz_Ant1_NTNV



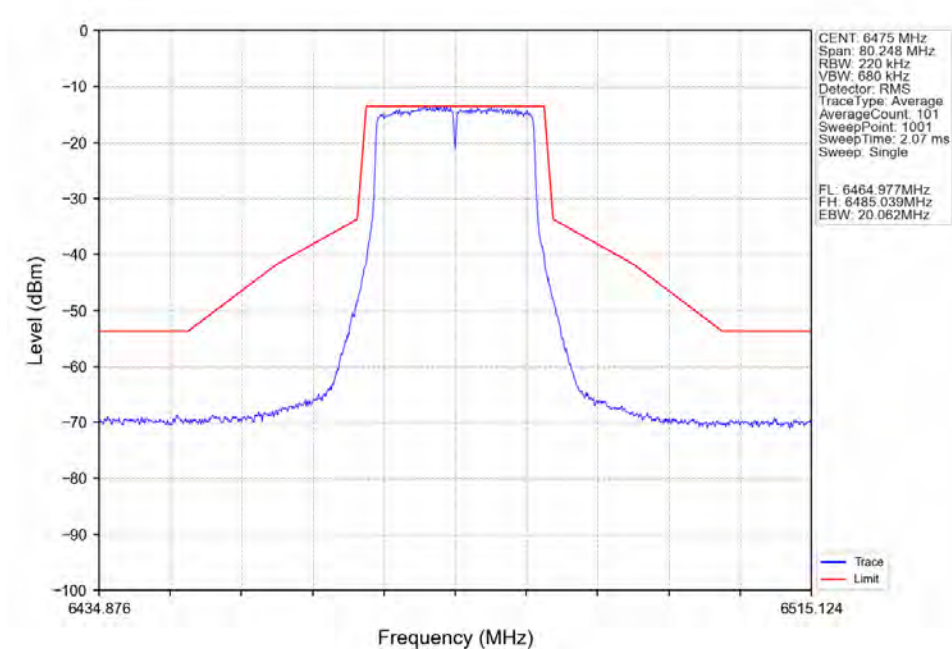
802.11ac(VHT20) LCH_6435MHz_Ant2_NTNV



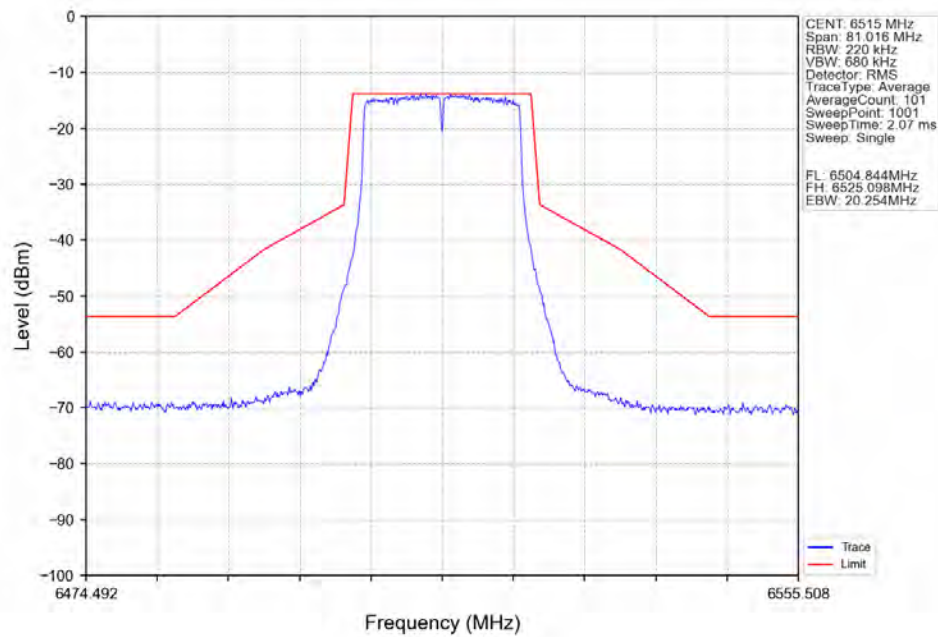
802.11ac(VHT20)_MCH_6475MHz_Ant1_NTNV



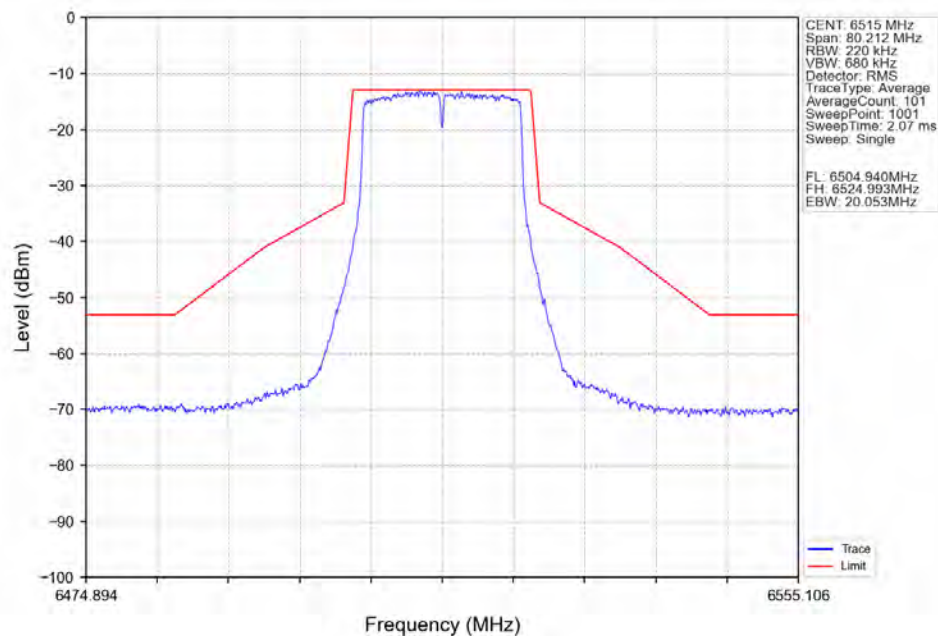
802.11ac(VHT20)_MCH_6475MHz_Ant2_NTNV



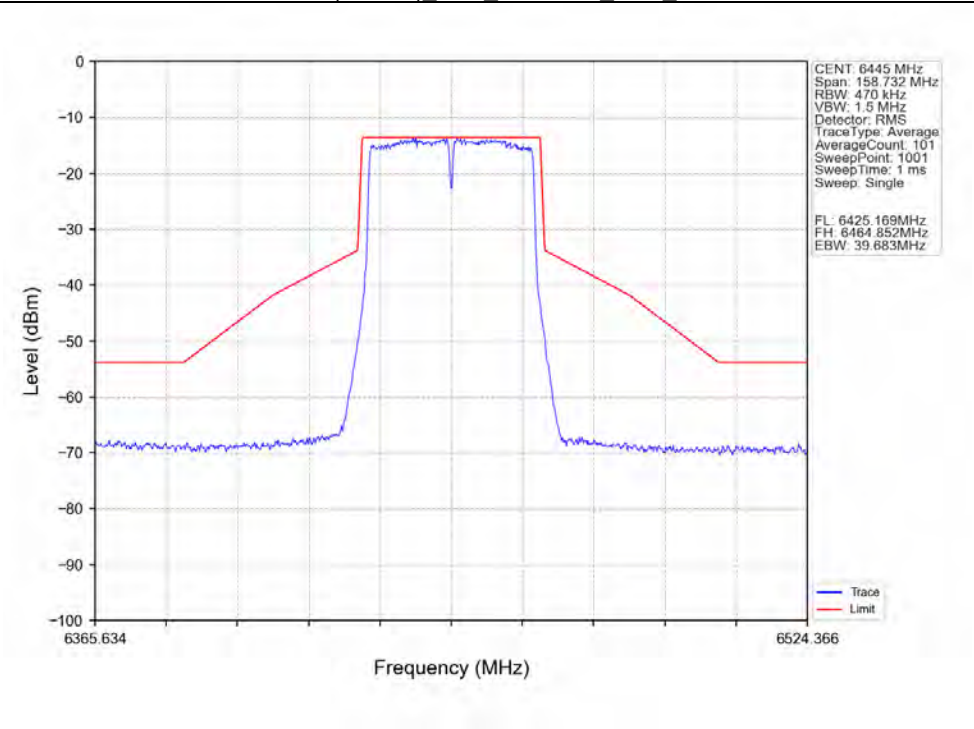
802.11ac(VHT20) HCH 6515MHz Ant1 NTN



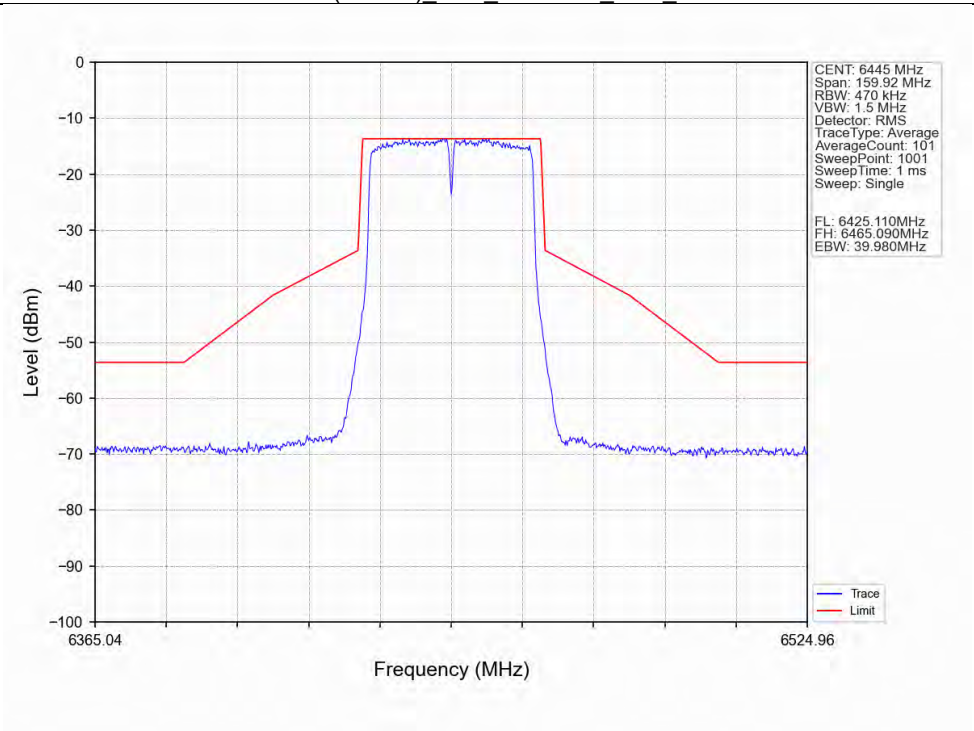
802.11ac(VHT20) HCH 6515MHz Ant2 NTN



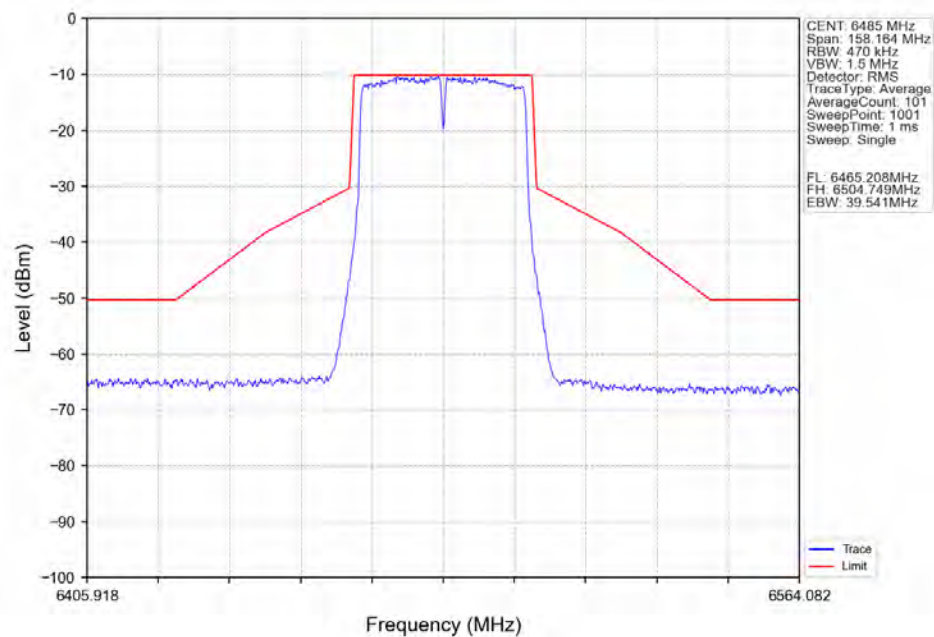
802.11ac(VHT40) LCH_6445MHz_Ant1_NTNV



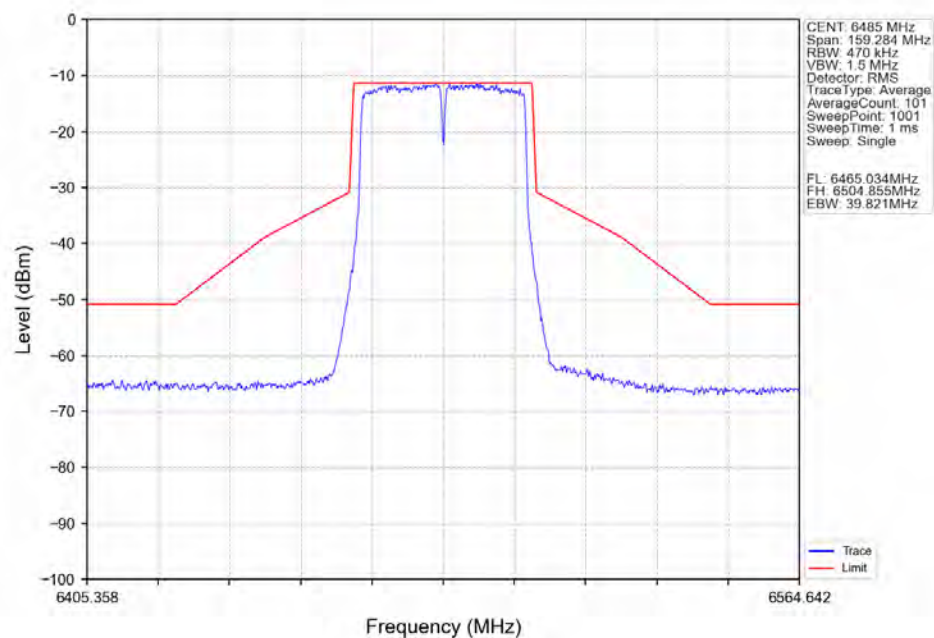
802.11ac(VHT40) LCH_6445MHz_Ant2_NTNV



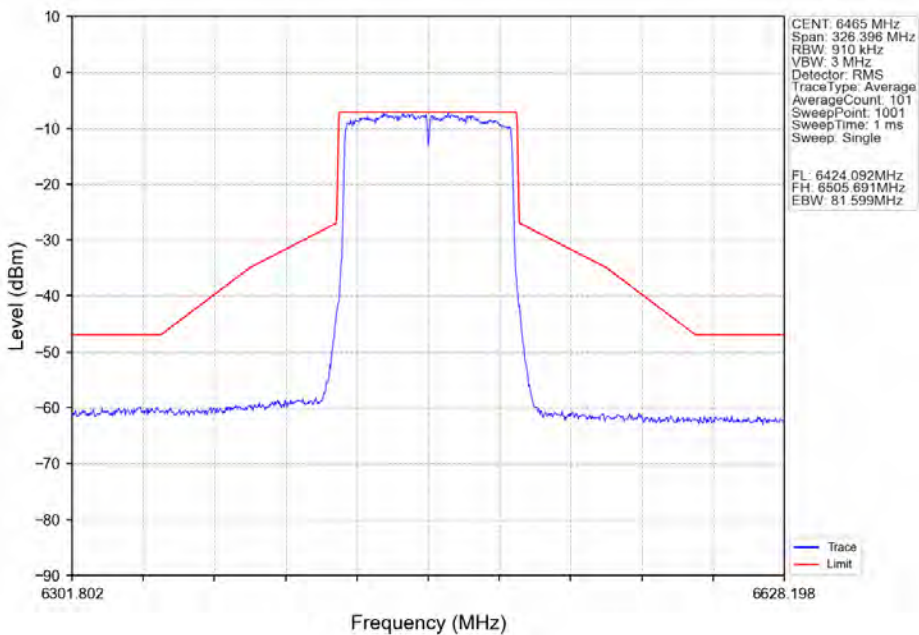
802.11ac(VHT40)_MCH_6485MHz_Ant1_NTNV



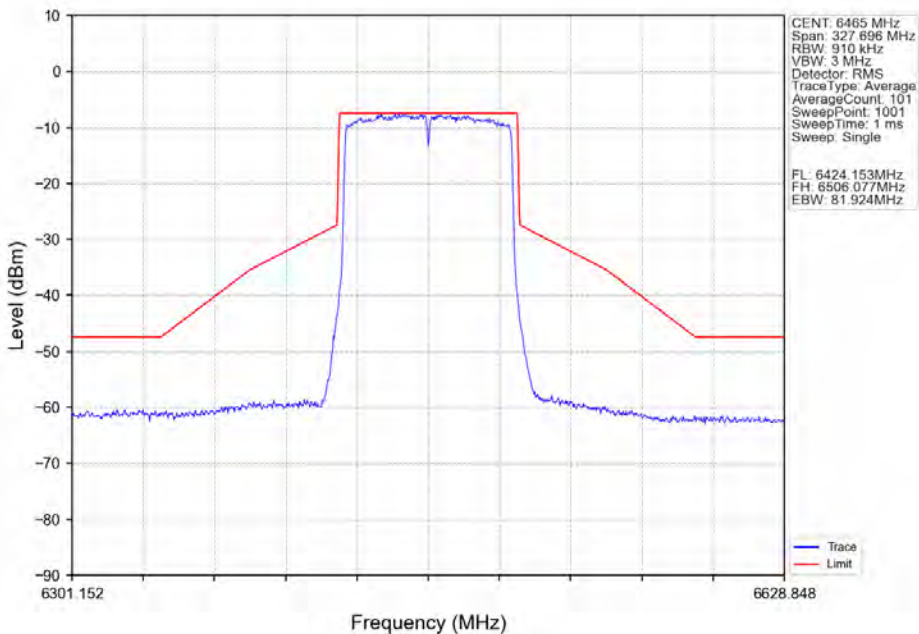
802.11ac(VHT40)_MCH_6485MHz_Ant2_NTNV



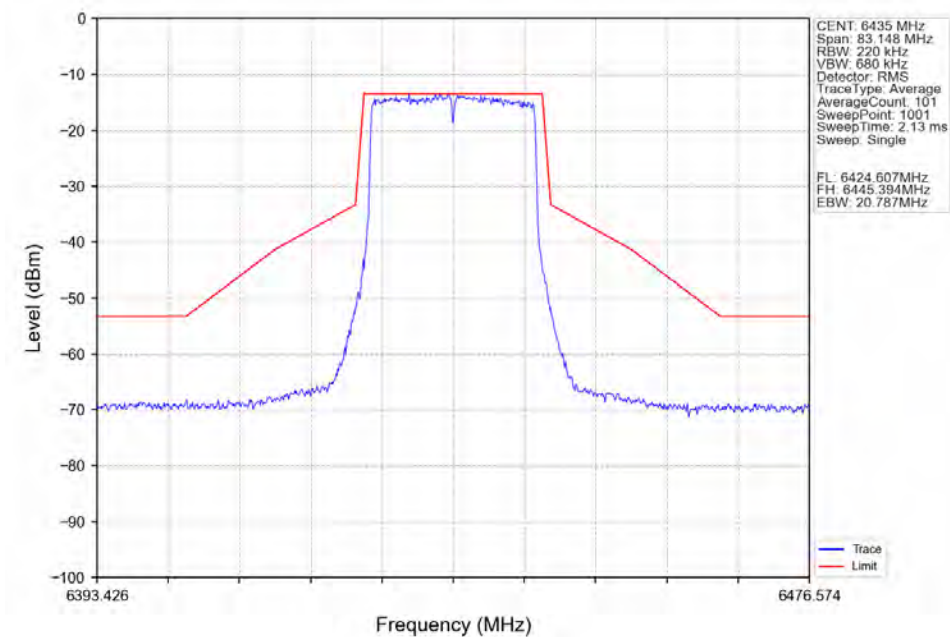
802.11ac(VHT80) LCH_6465MHz_Ant1_NTNV



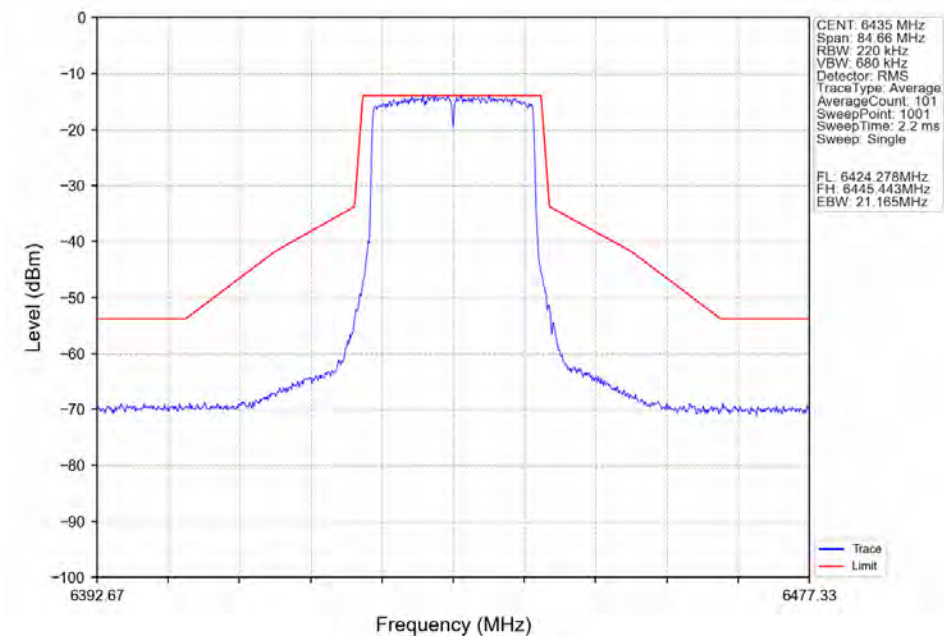
802.11ac(VHT80) LCH_6465MHz_Ant2_NTNV



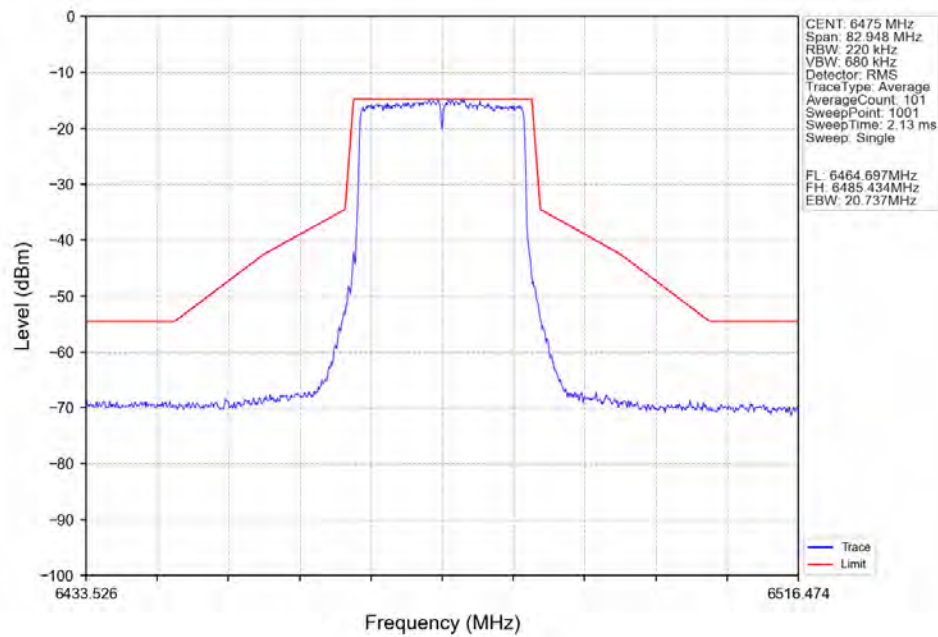
802.11ax(HEW20)_LCH_6435MHz_SU_ / Ant1_NTNV



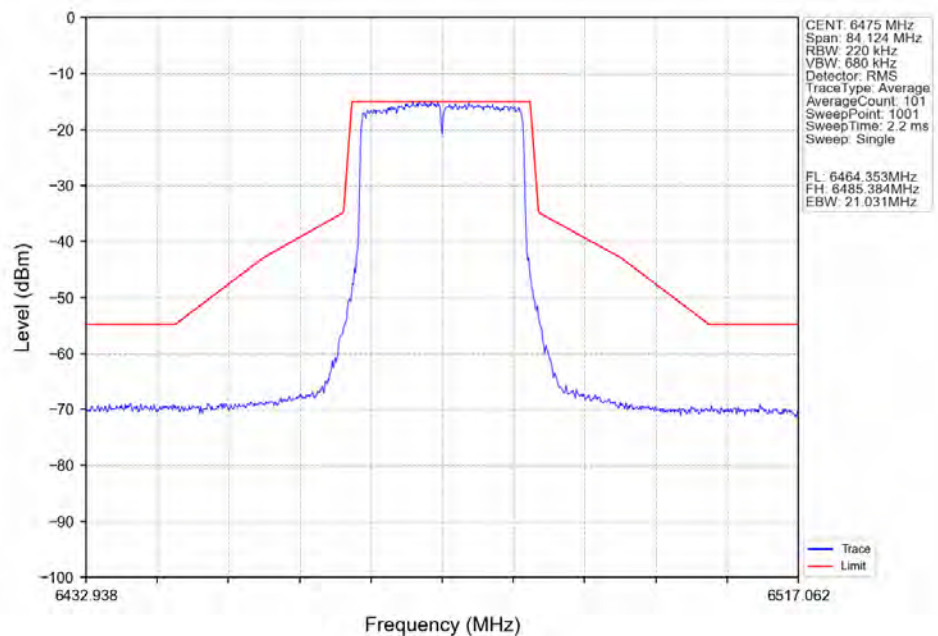
802.11ax(HEW20)_LCH_6435MHz_SU_ / Ant2_NTNV



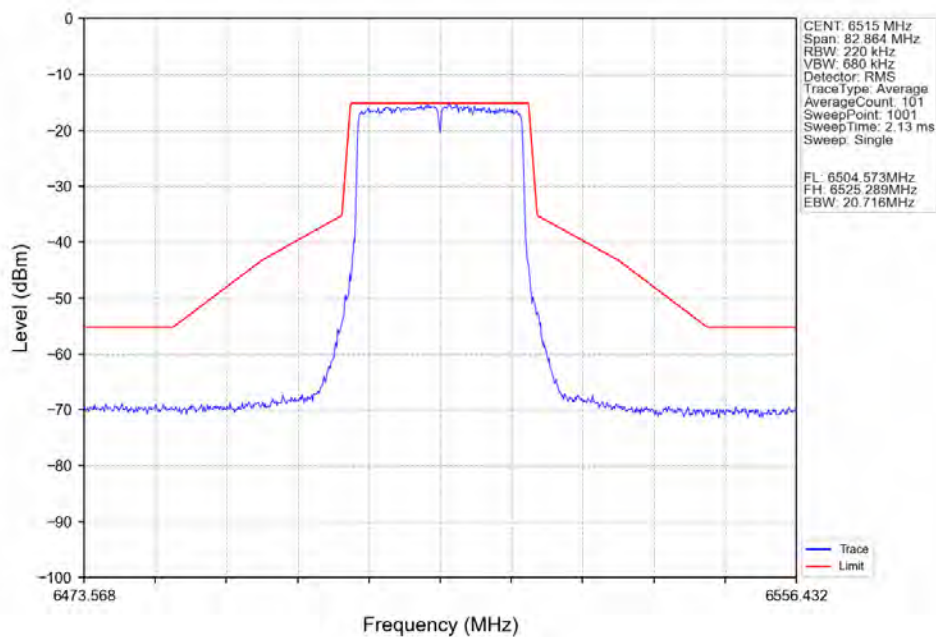
802.11ax(HEW20) MCH_6475MHz_SU / Ant1_NTNV



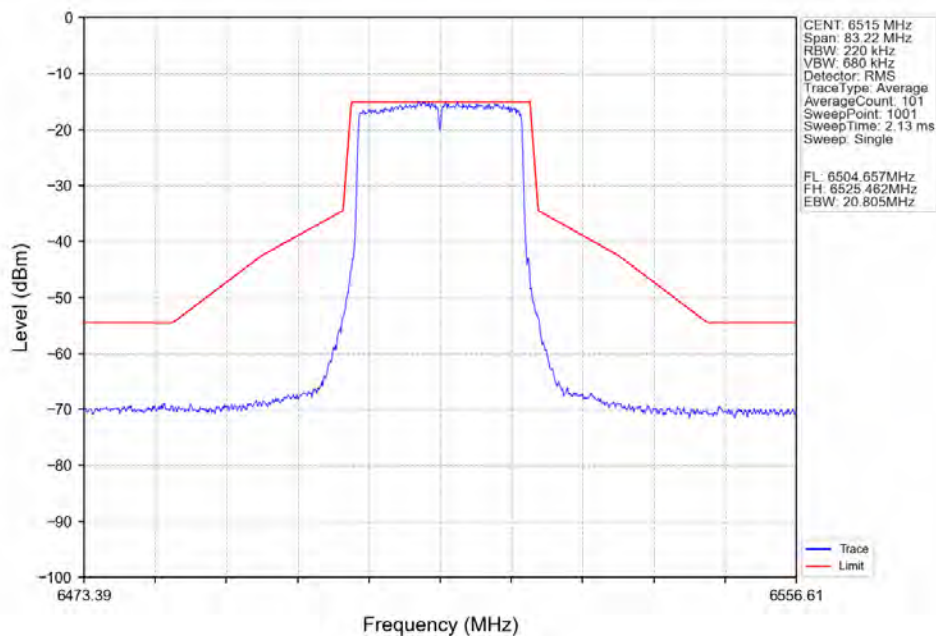
802.11ax(HEW20) MCH_6475MHz_SU / Ant2_NTNV



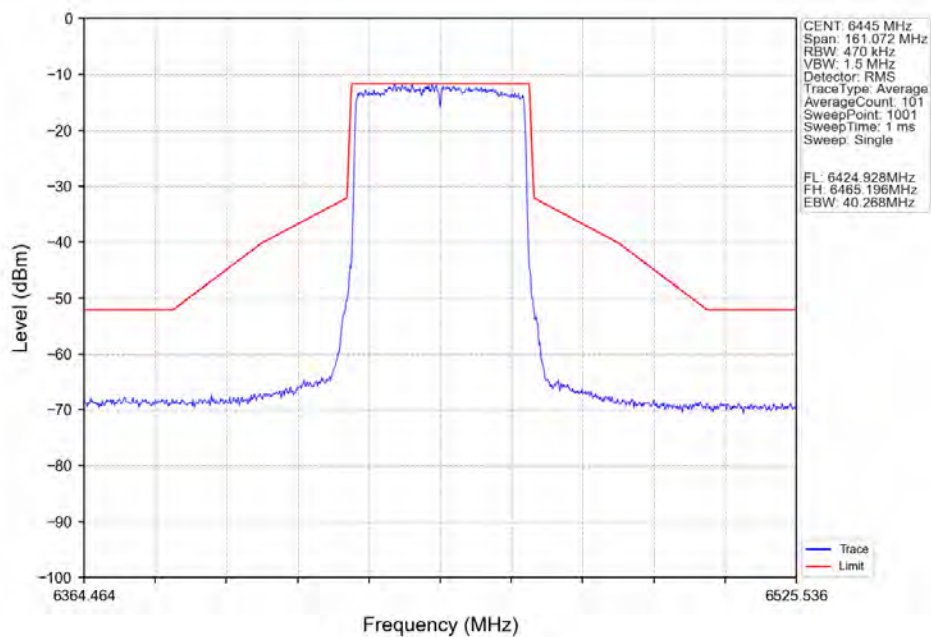
802.11ax(HEW20)_HCH_6515MHz_SU / Ant1_NTNV



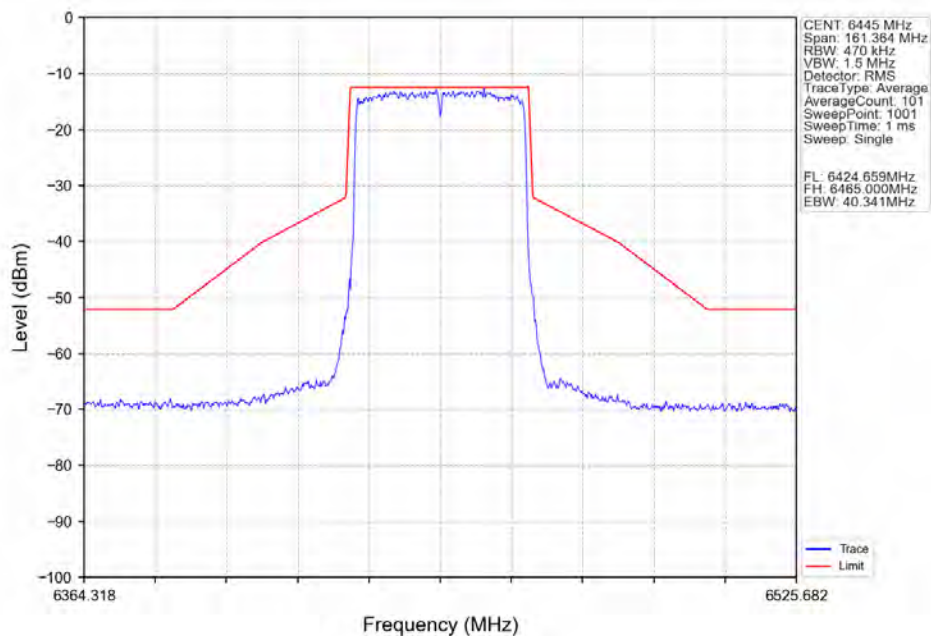
802.11ax(HEW20)_HCH_6515MHz_SU / Ant2_NTNV



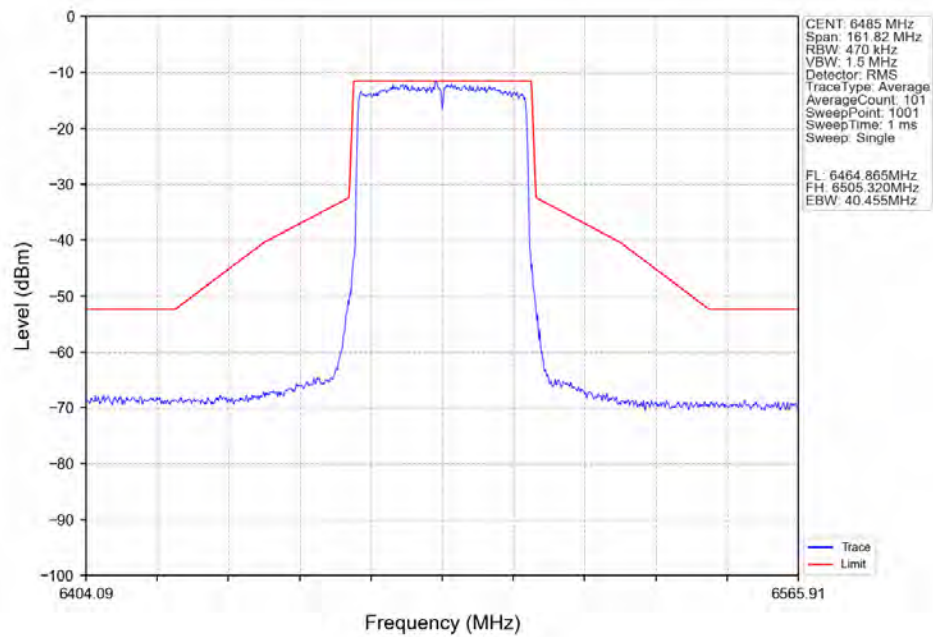
802.11ax(HEW40)_LCH_6445MHz_SU_ / Ant1_NTNV



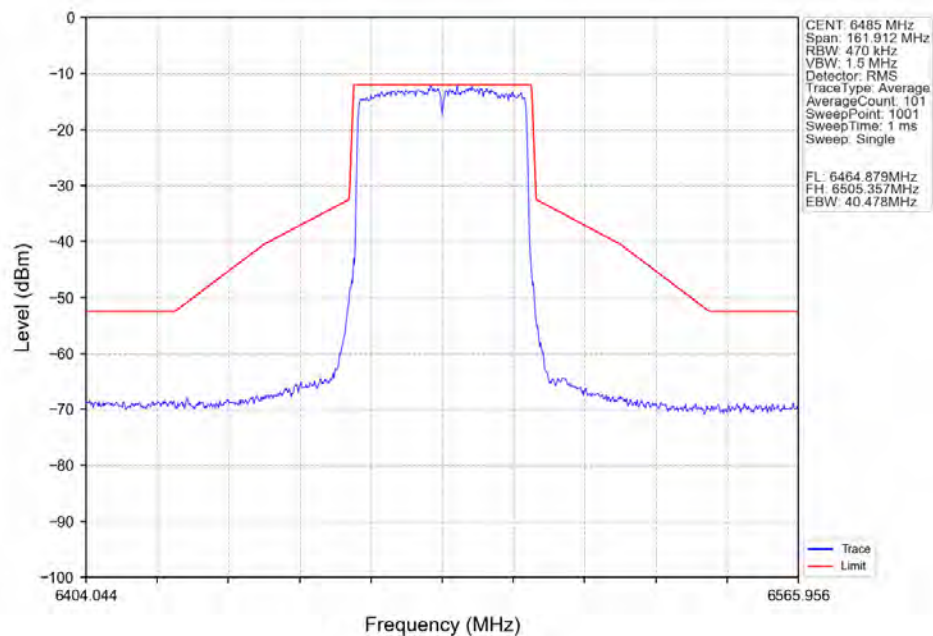
802.11ax(HEW40)_LCH_6445MHz_SU_ / Ant2_NTNV



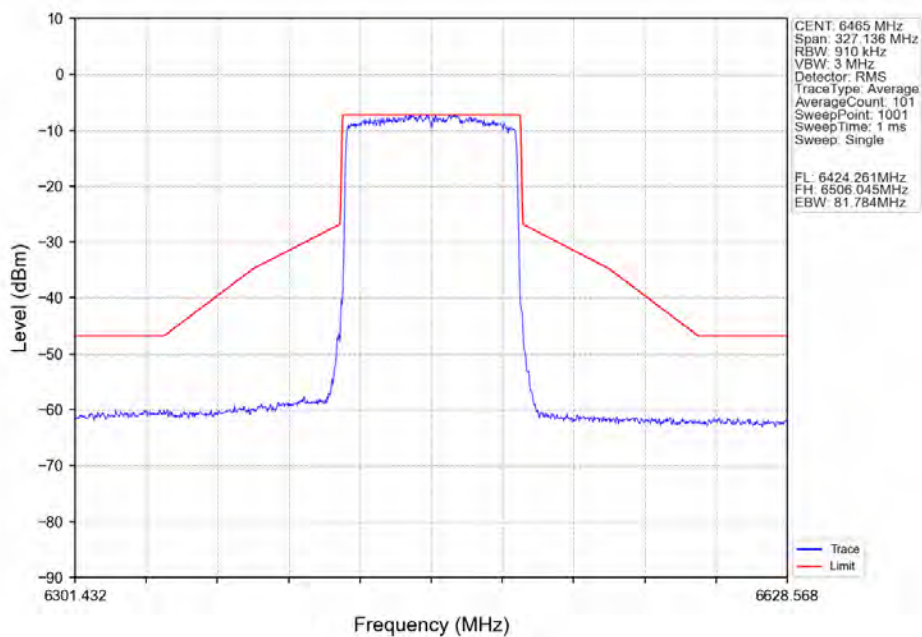
802.11ax(HEW40) MCH_6485MHz_SU / Ant1_NTNV



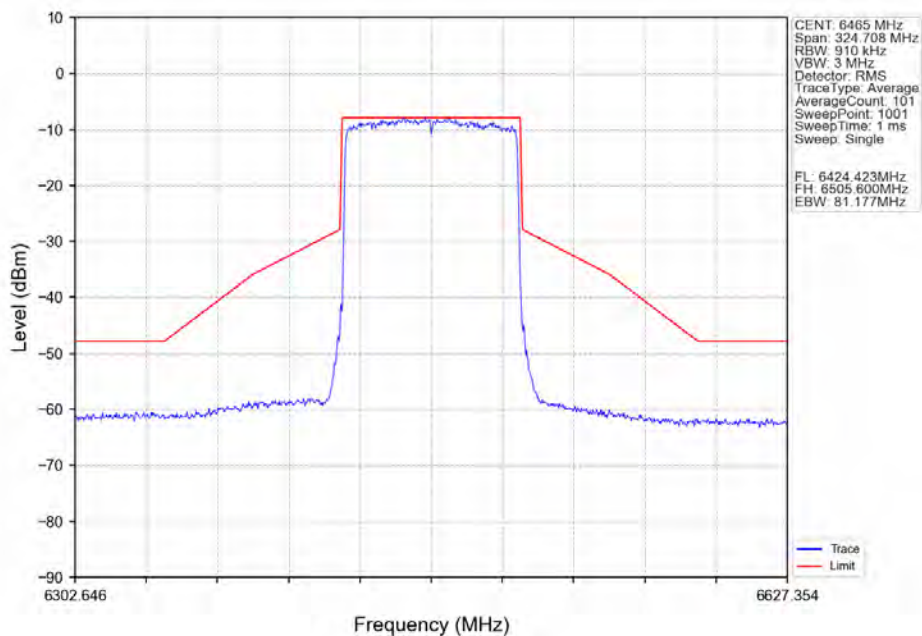
802.11ax(HEW40) MCH_6485MHz_SU / Ant2_NTNV



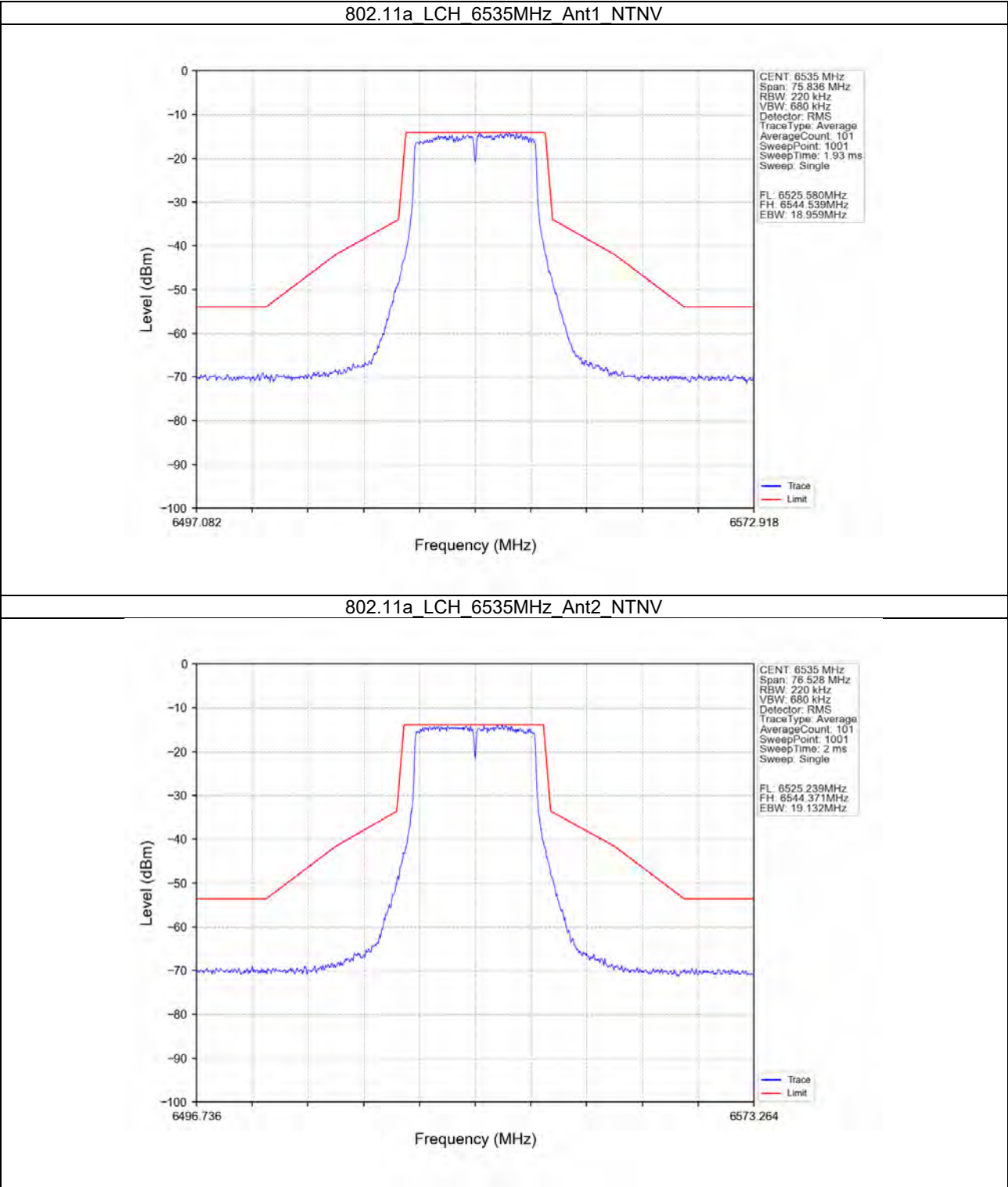
802.11ax(HEW80)_LCH_6465MHz_SU / Ant1_NTNV



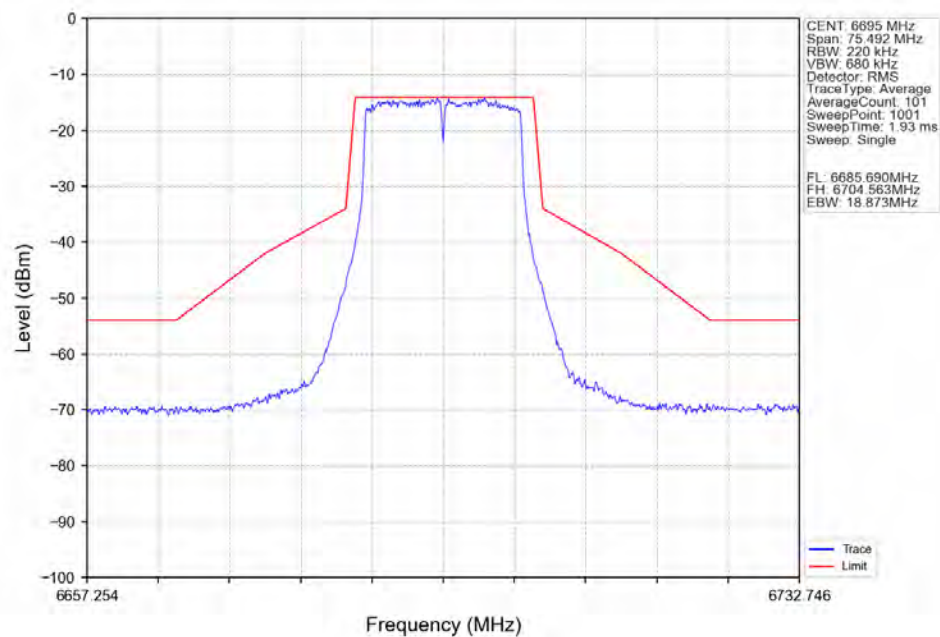
802.11ax(HEW80)_LCH_6465MHz_SU / Ant2_NTNV



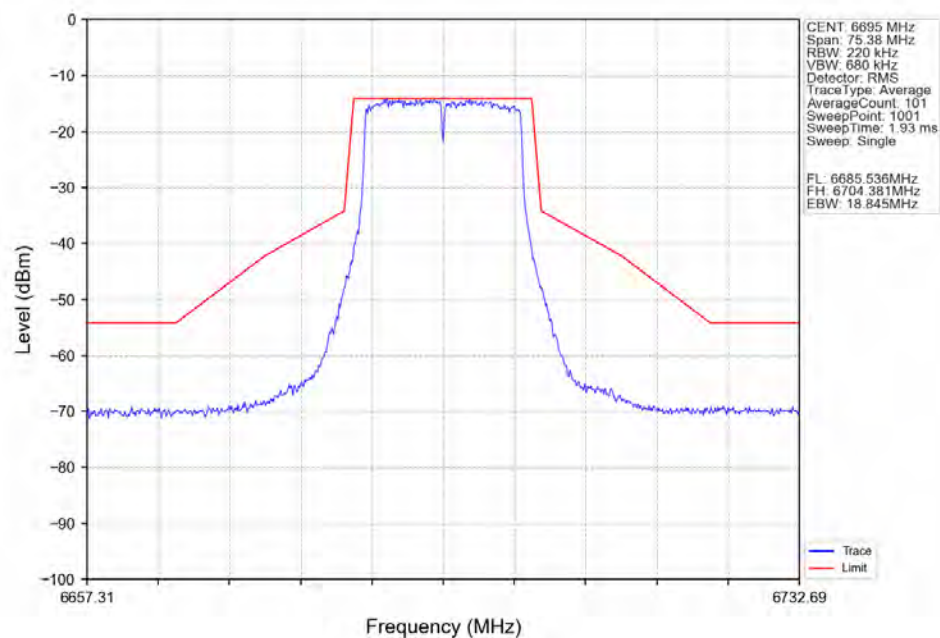
5.2.3 EMask



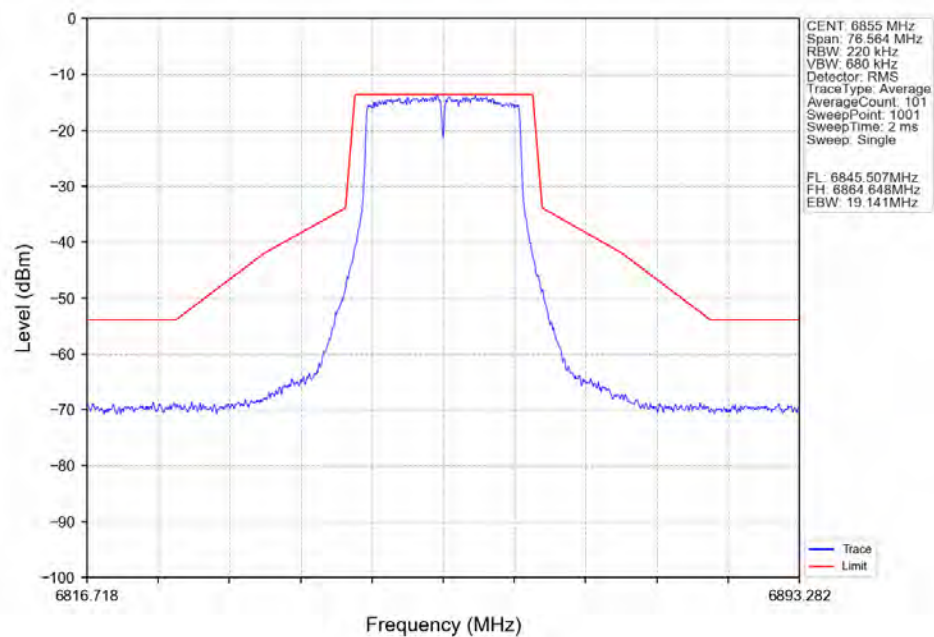
802.11a_MCH_6695MHz_Ant1_NTNV



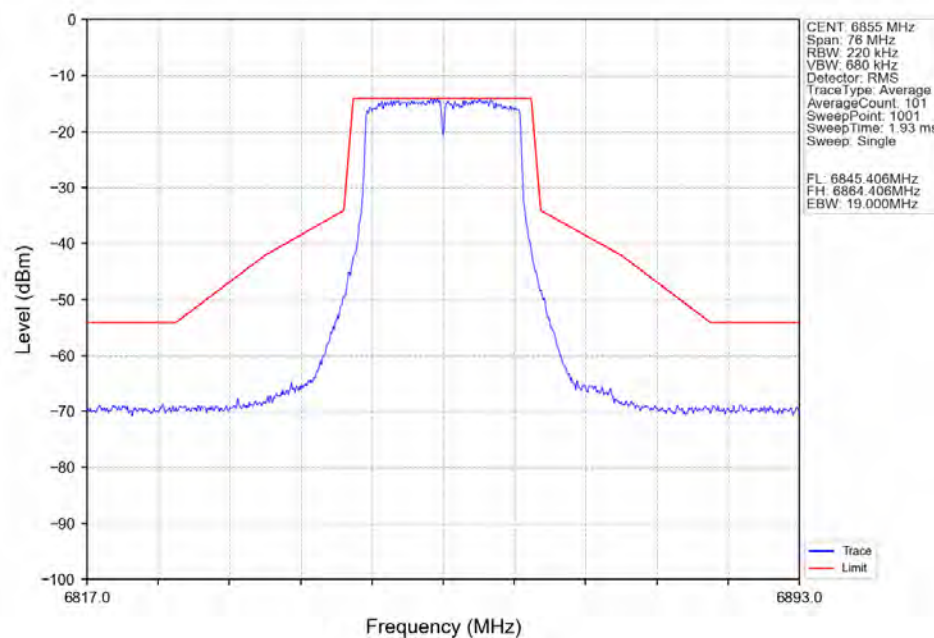
802.11a_MCH_6695MHz_Ant2_NTNV



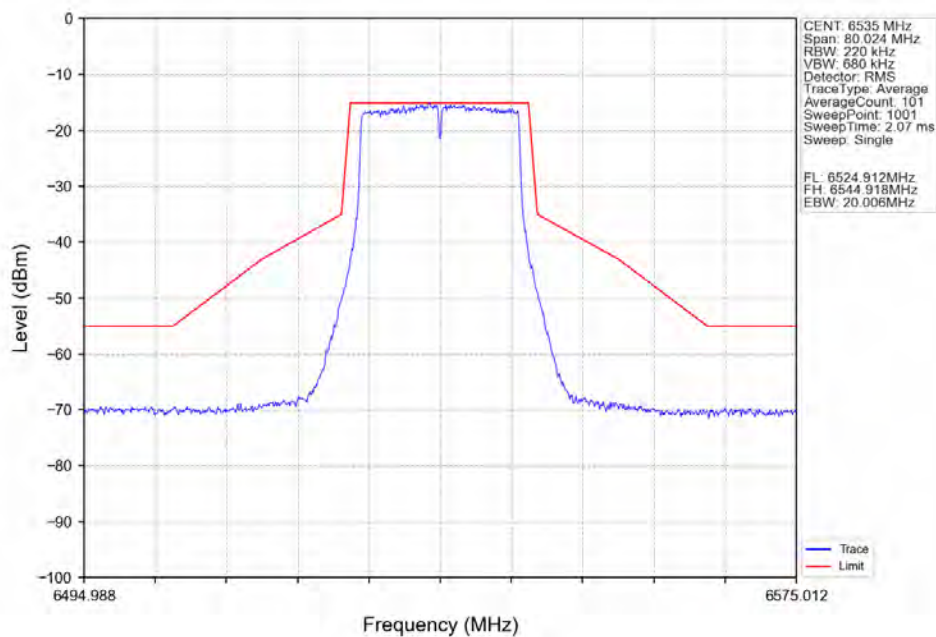
802.11a_HCH_6855MHz_Ant1_NTNV



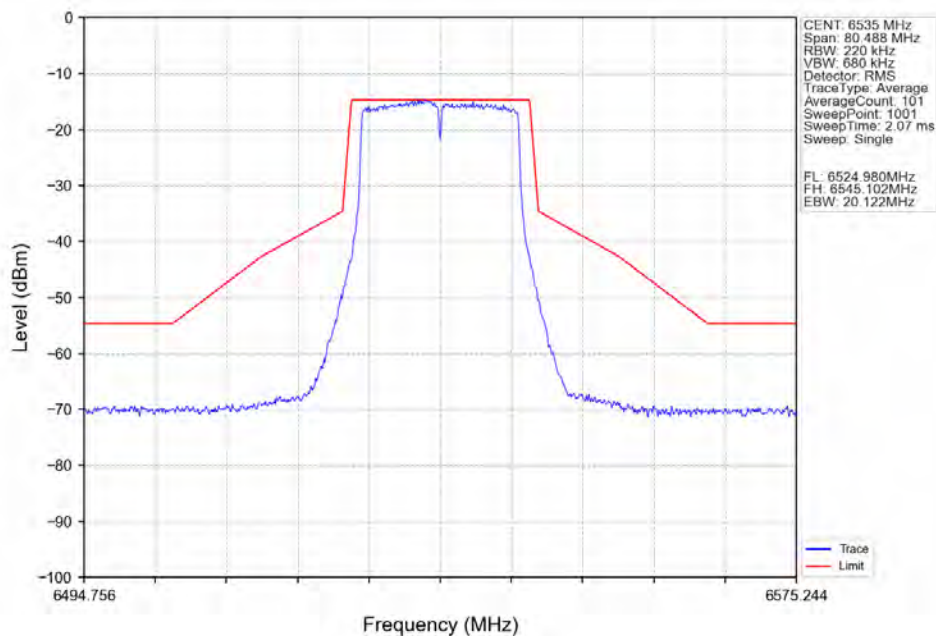
802.11a_HCH_6855MHz_Ant2_NTNV



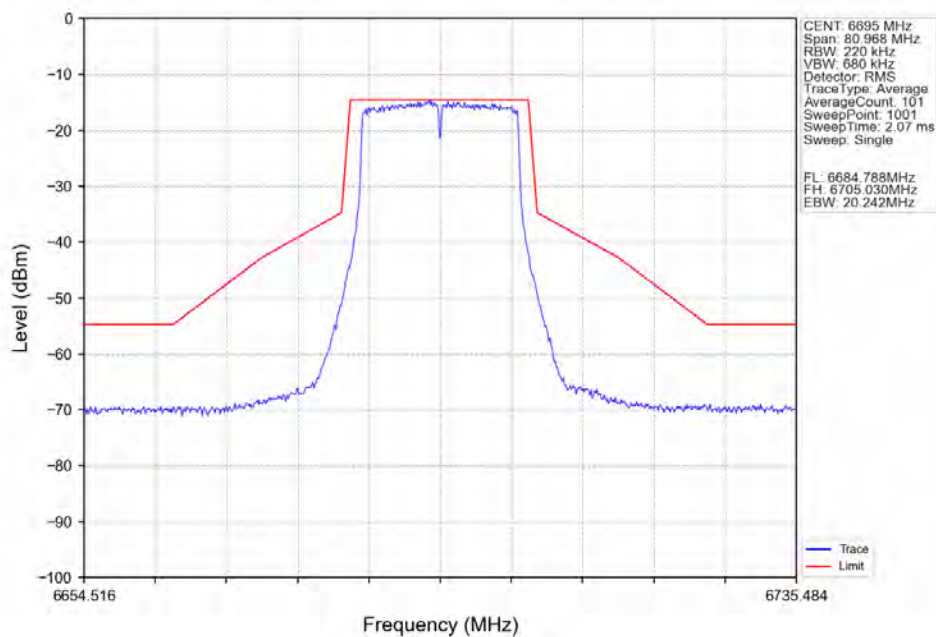
802.11n(HT20) LCH 6535MHz Ant1 NTN



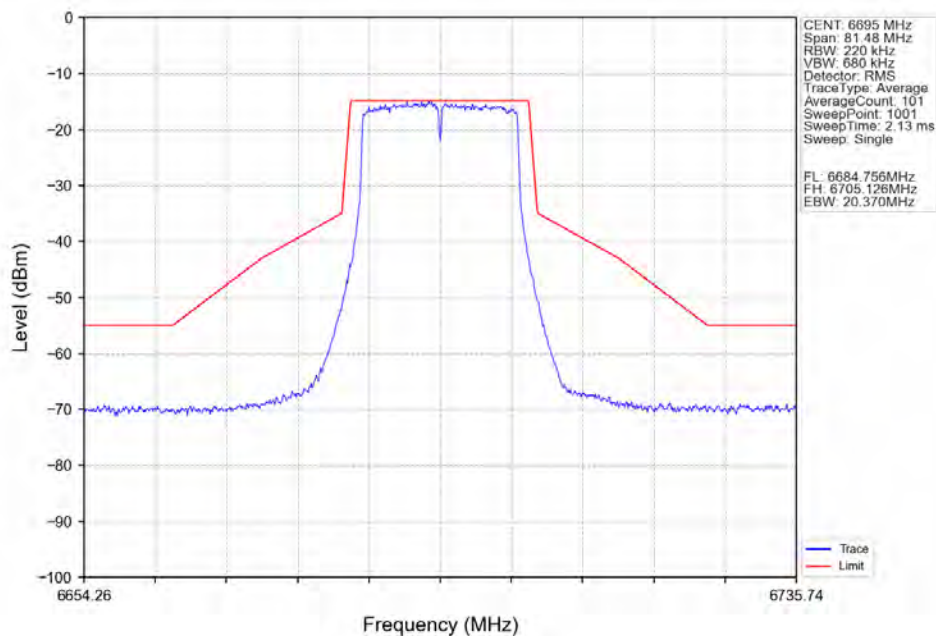
802.11n(HT20) LCH 6535MHz Ant2 NTN



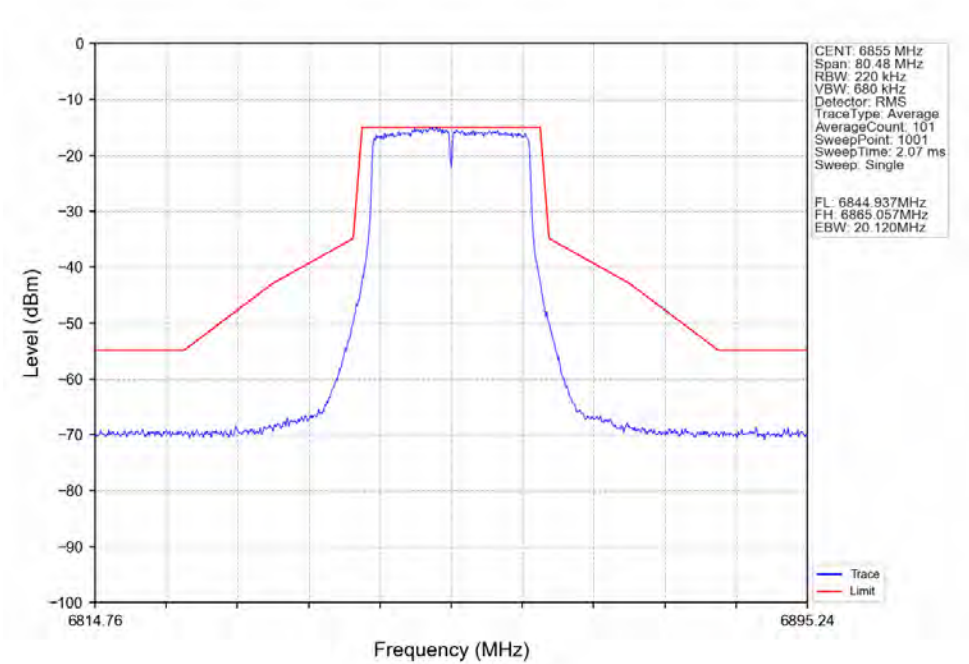
802.11n(HT20)_MCH_6695MHz_Ant1_NTNV



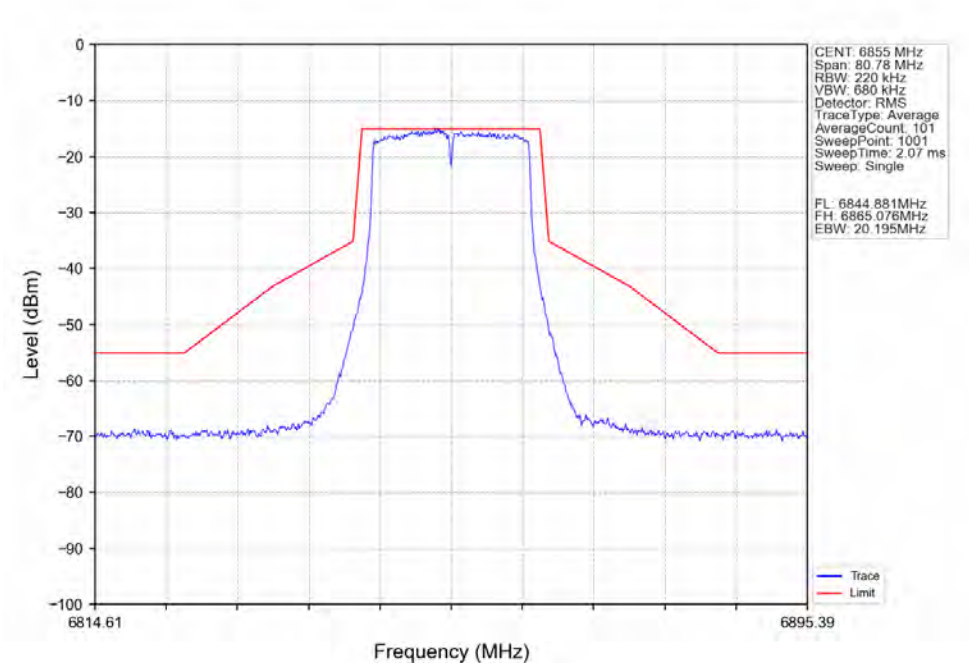
802.11n(HT20)_MCH_6695MHz_Ant2_NTNV



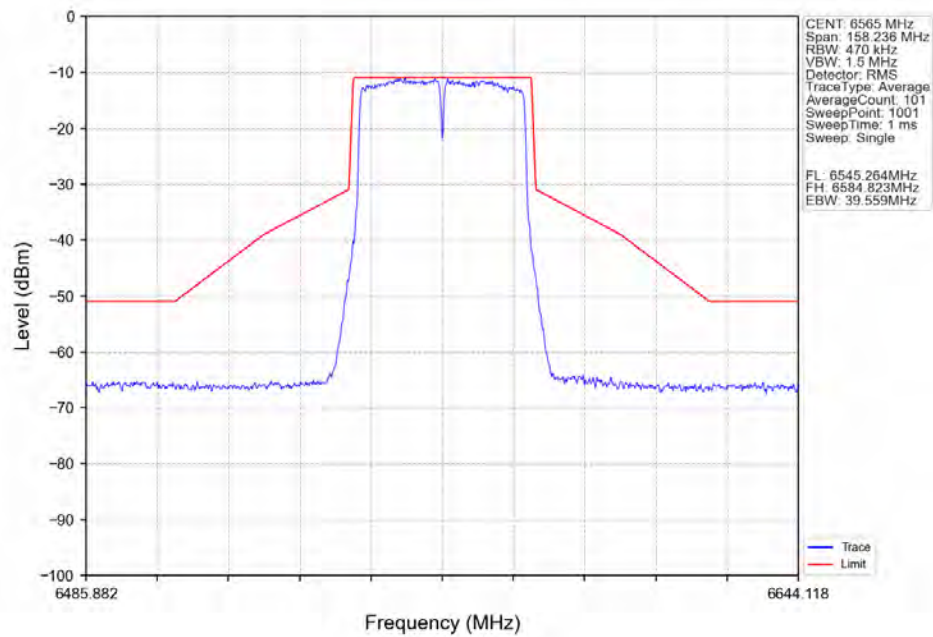
802.11n(HT20) HCH 6855MHz Ant1 NTN



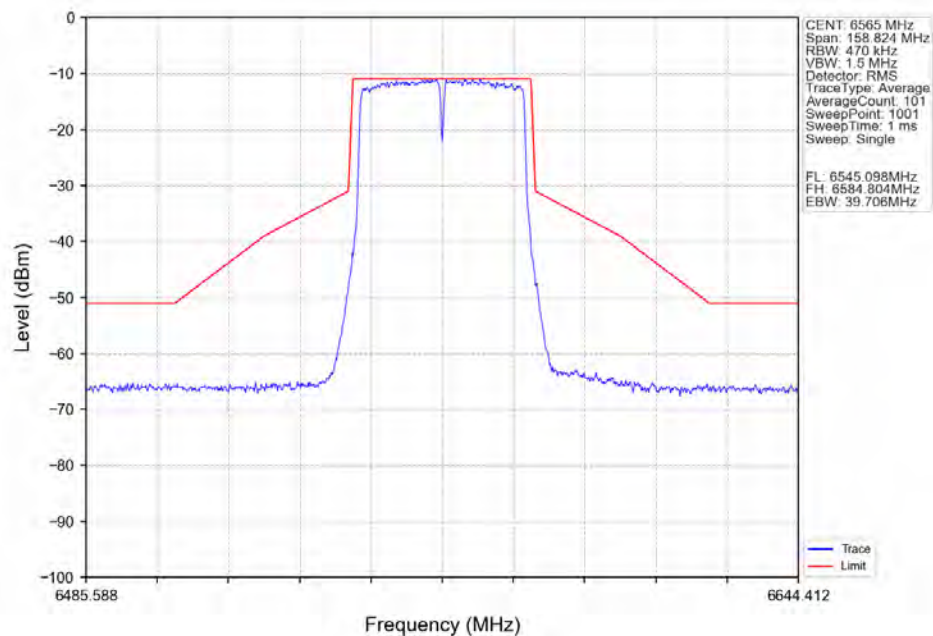
802.11n(HT20) HCH 6855MHz Ant2 NTN



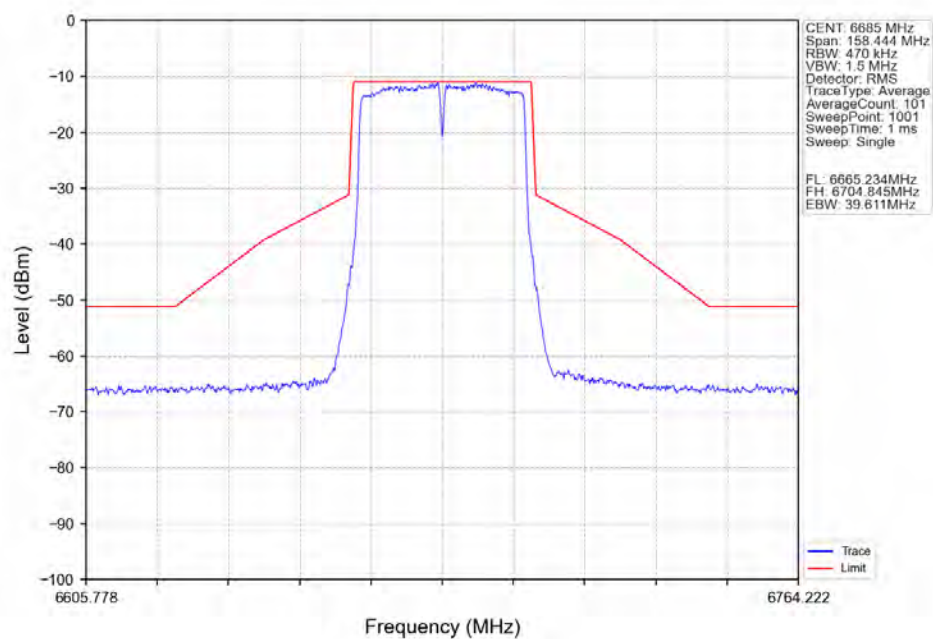
802.11n(HT40) LCH 6565MHz Ant1 NTN



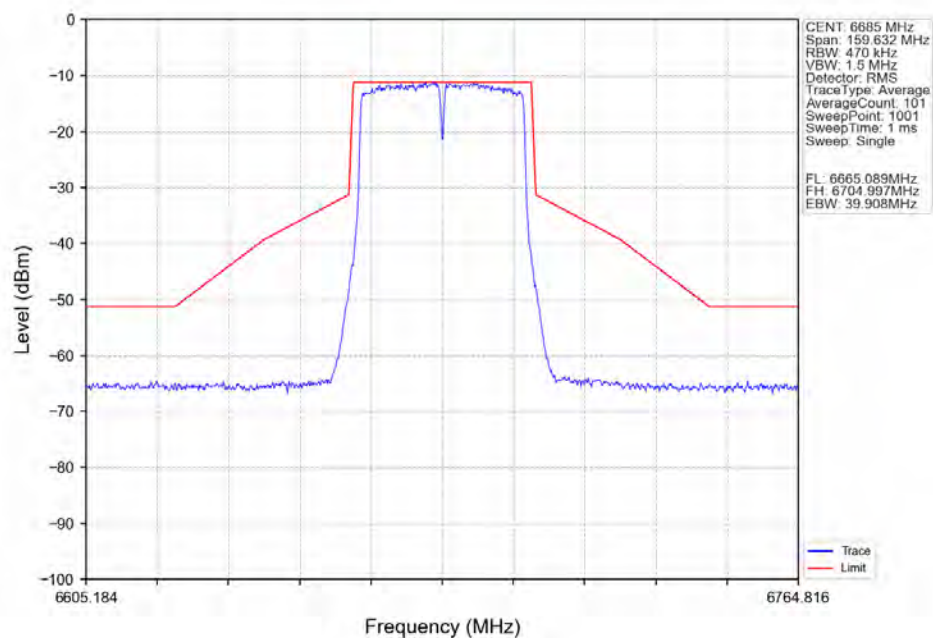
802.11n(HT40) LCH 6565MHz Ant2 NTN



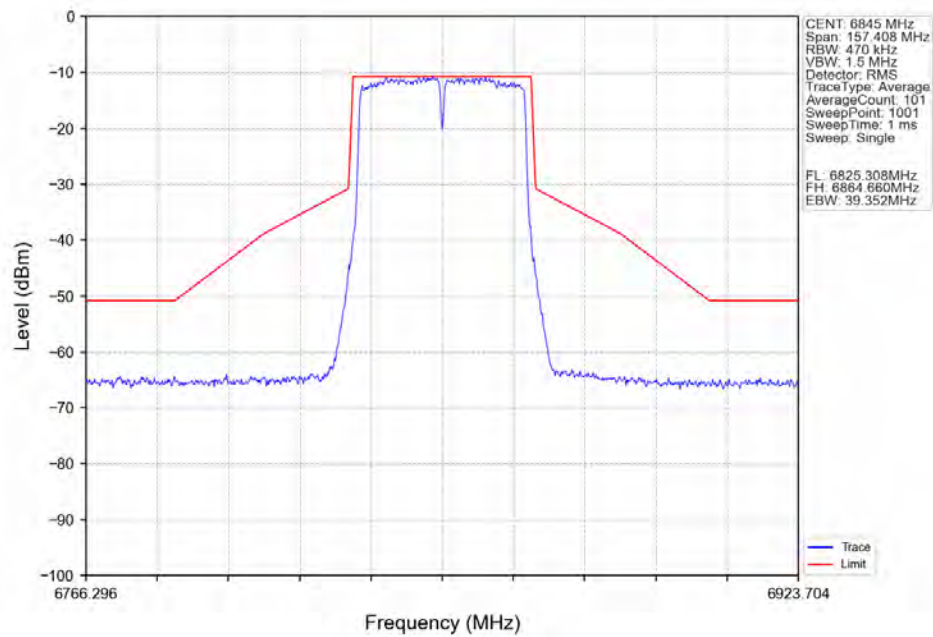
802.11n(HT40) MCH 6685MHz Ant1_NTNV



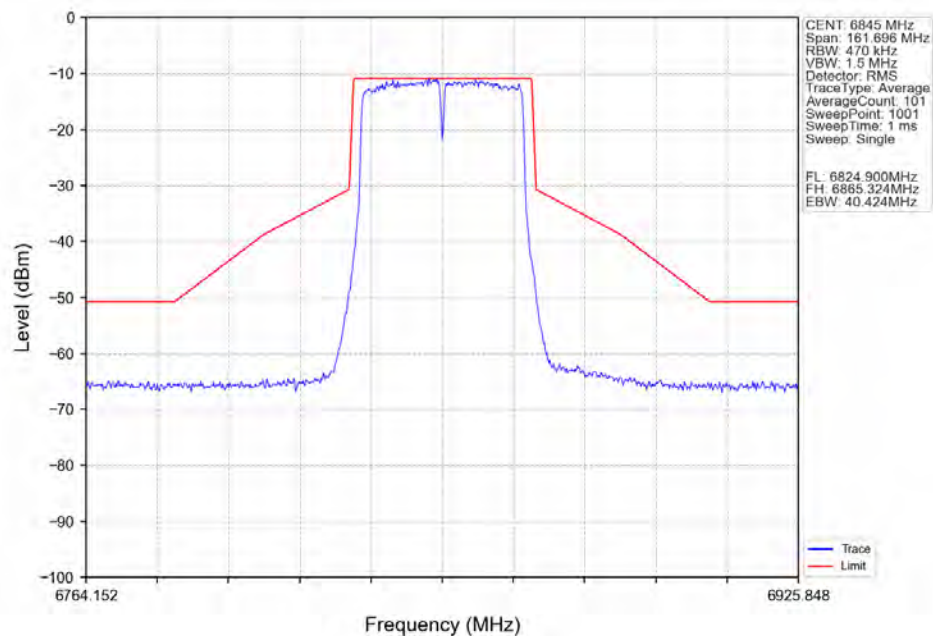
802.11n(HT40) MCH 6685MHz Ant2_NTNV

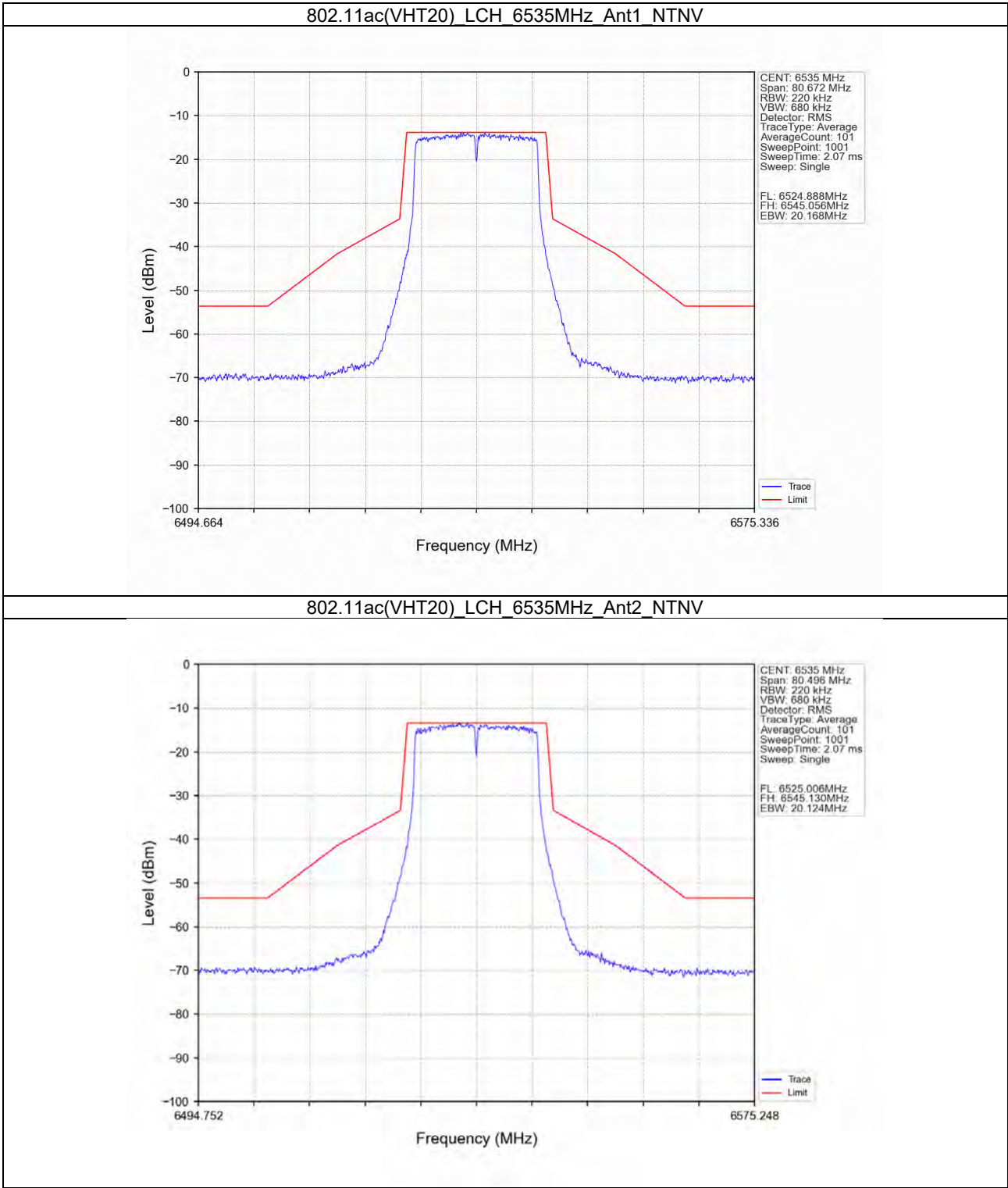


802.11n(HT40) HCH 6845MHz Ant1 NTN

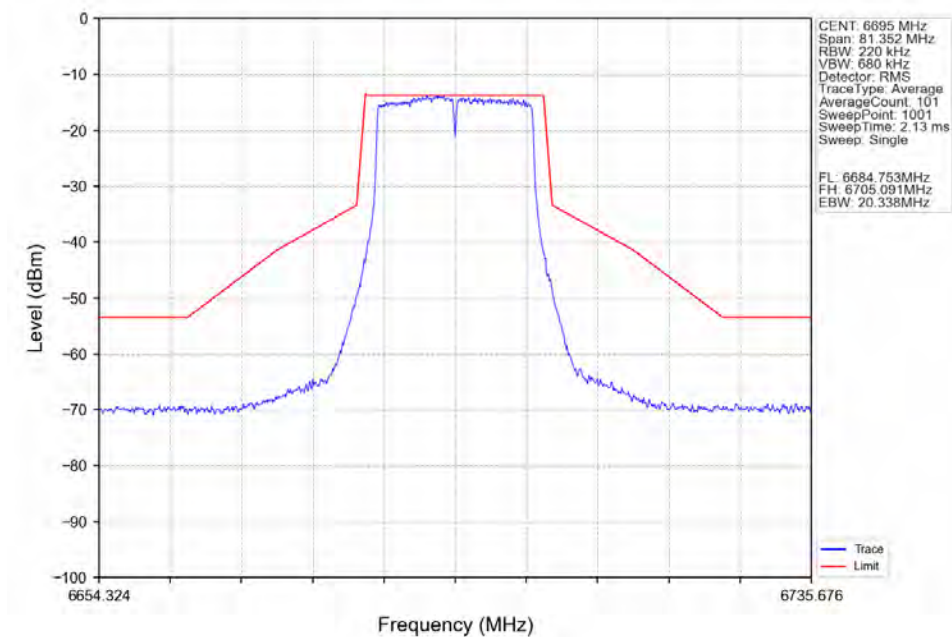


802.11n(HT40) HCH 6845MHz Ant2 NTN

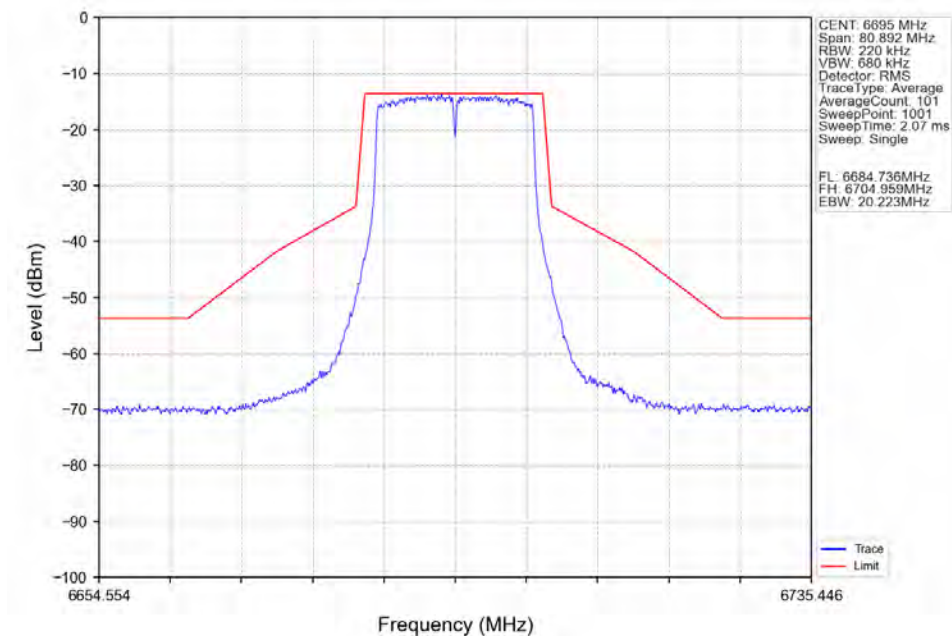




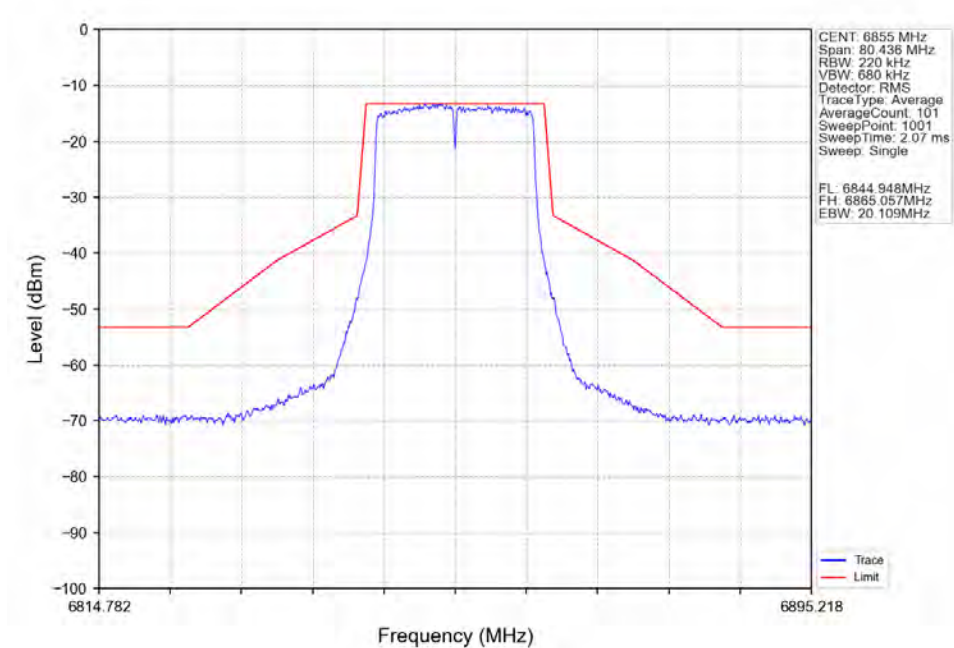
802.11ac(VHT20)_MCH_6695MHz_Ant1_NTNV



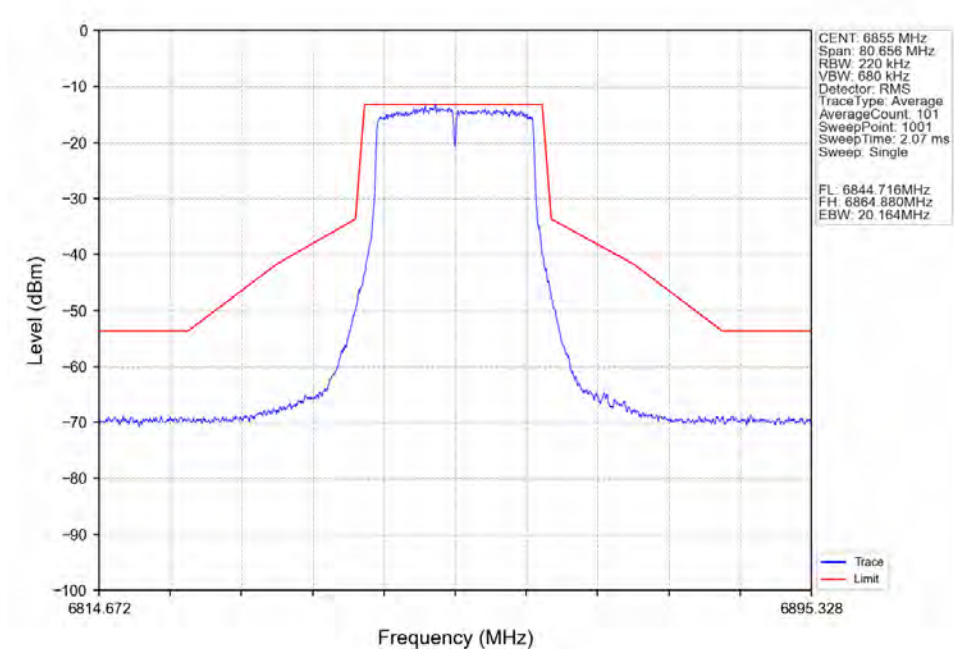
802.11ac(VHT20)_MCH_6695MHz_Ant2_NTNV



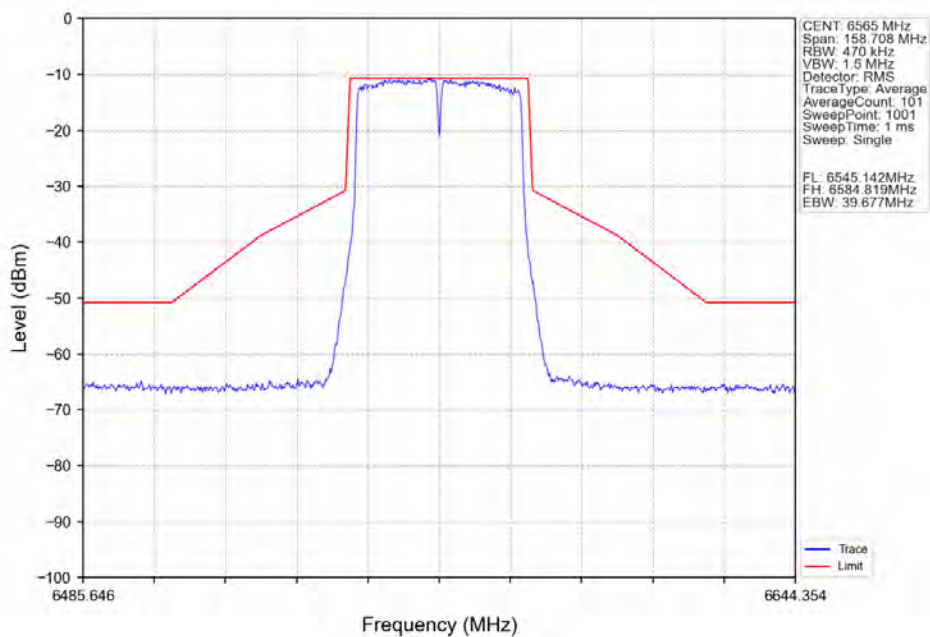
802.11ac(VHT20) HCH 6855MHz Ant1 NTN



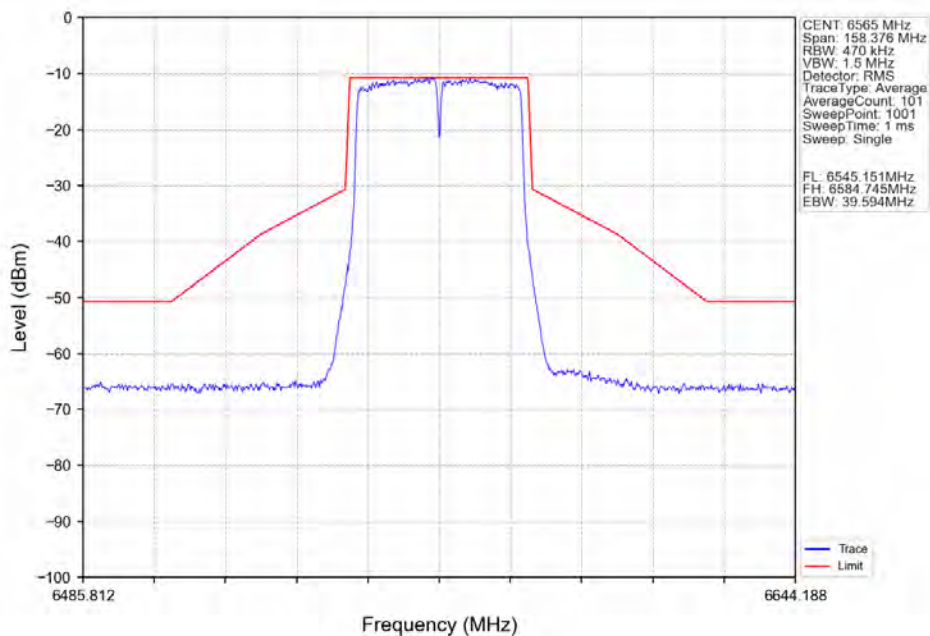
802.11ac(VHT20) HCH 6855MHz Ant2 NTN



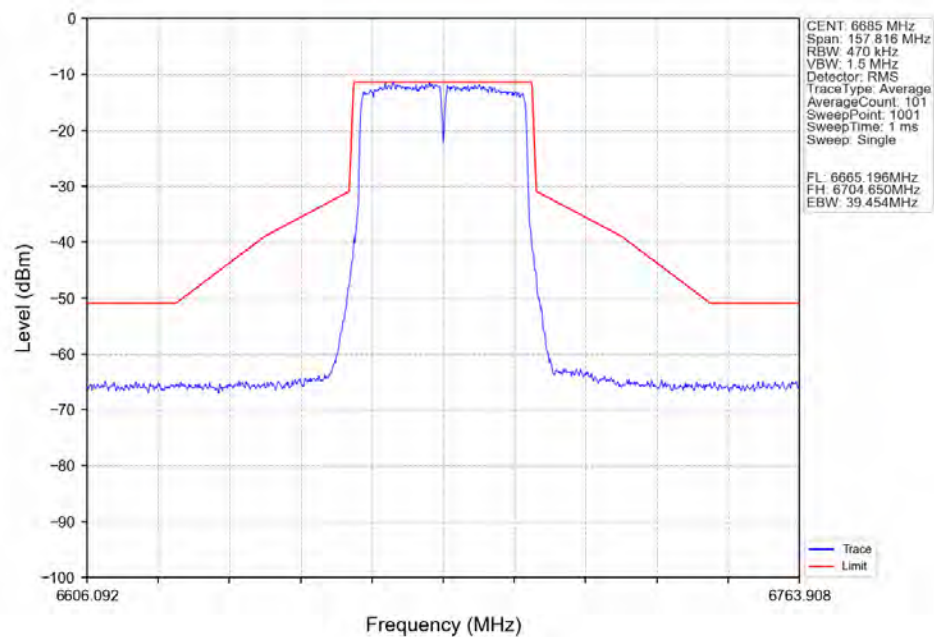
802.11ac(VHT40) LCH_6565MHz_Ant1_NTNV



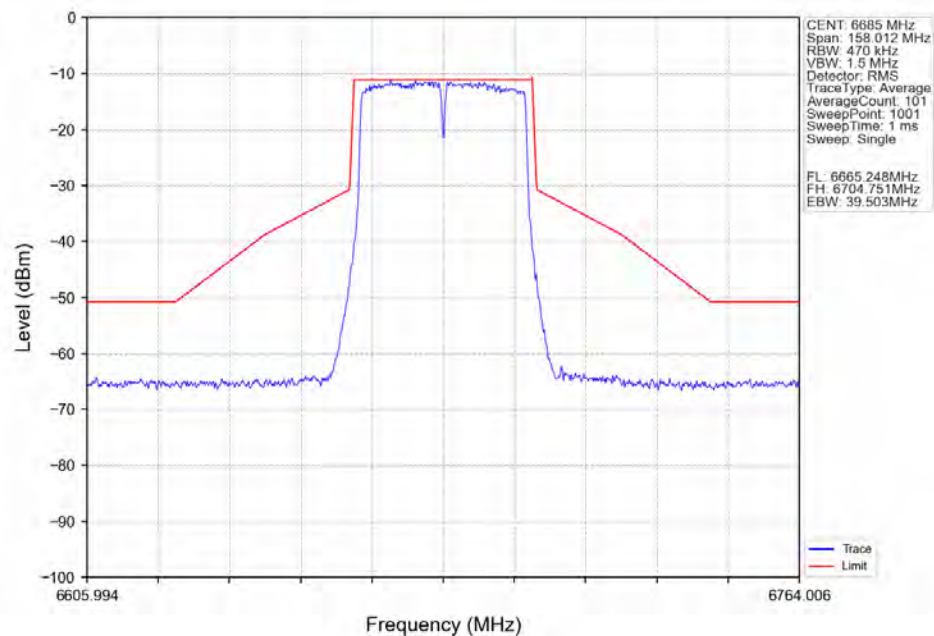
802.11ac(VHT40) LCH_6565MHz_Ant2_NTNV



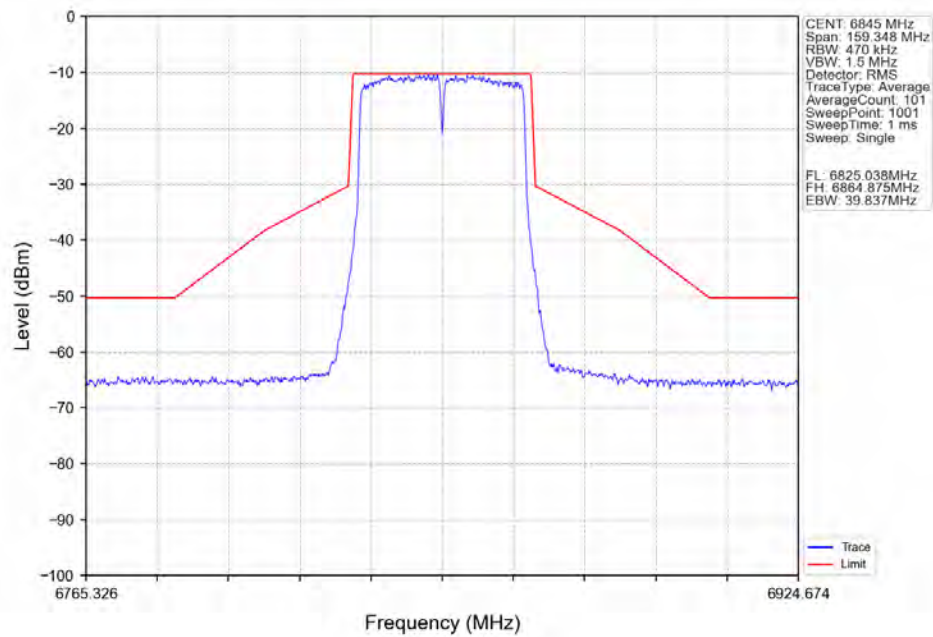
802.11ac(VHT40)_MCH_6685MHz_Ant1_NTNV



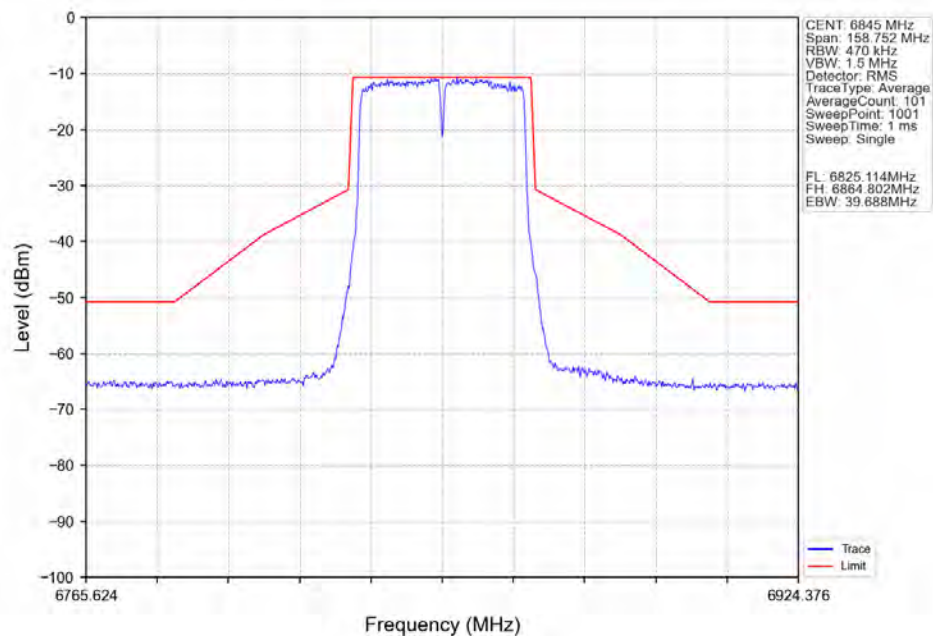
802.11ac(VHT40)_MCH_6685MHz_Ant2_NTNV



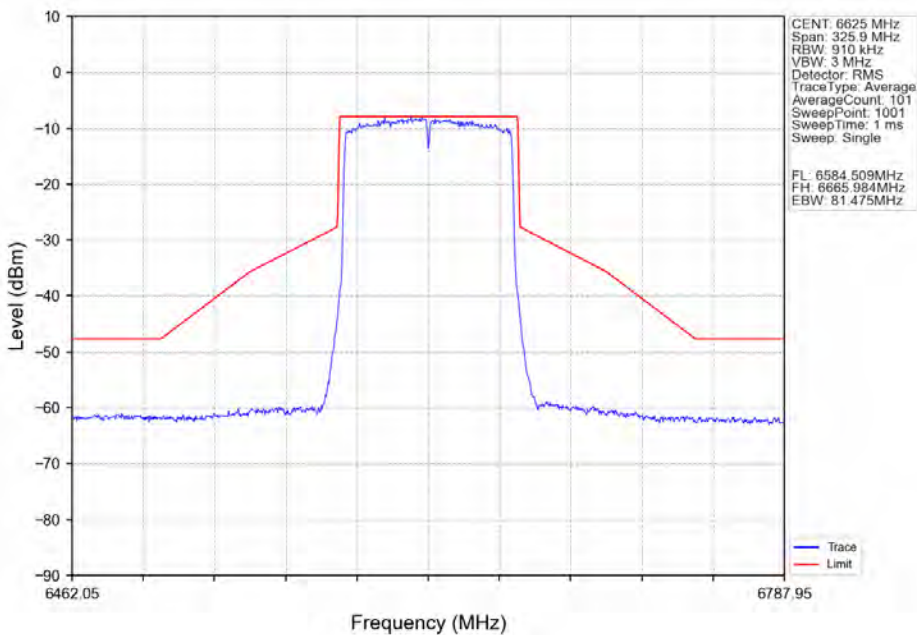
802.11ac(VHT40) HCH 6845MHz Ant1 NTN



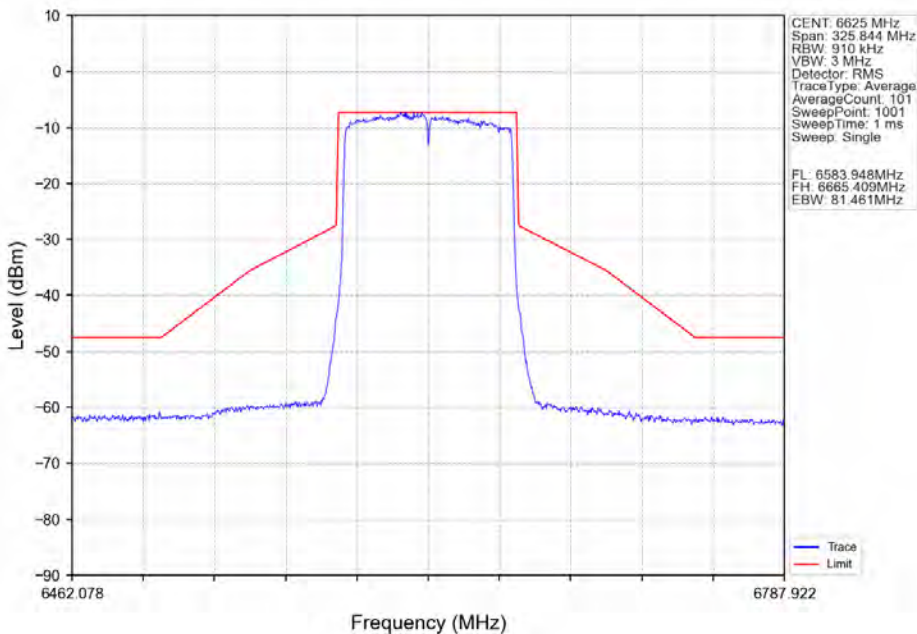
802.11ac(VHT40) HCH 6845MHz Ant2 NTN



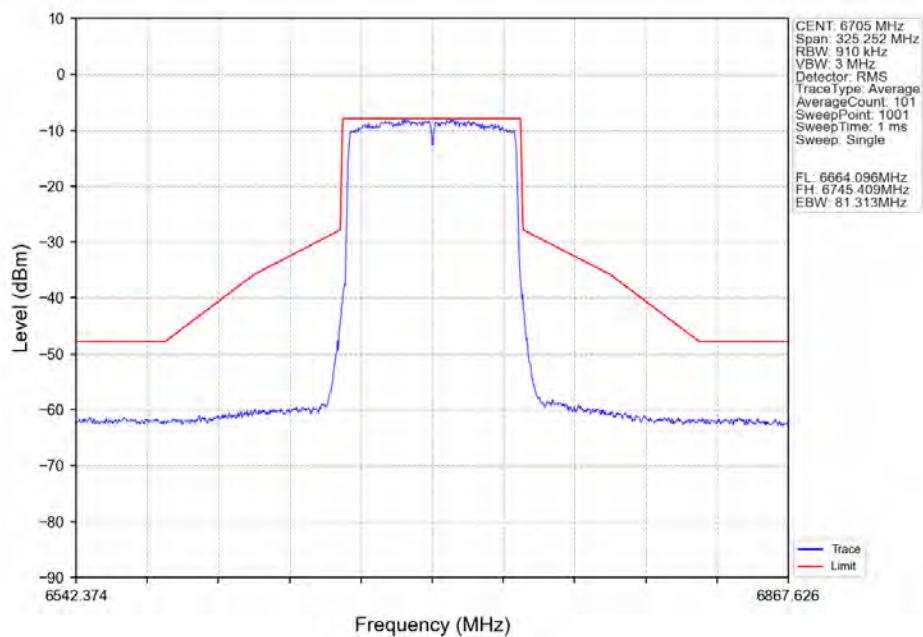
802.11ac(VHT80) LCH_6625MHz_Ant1_NTNV



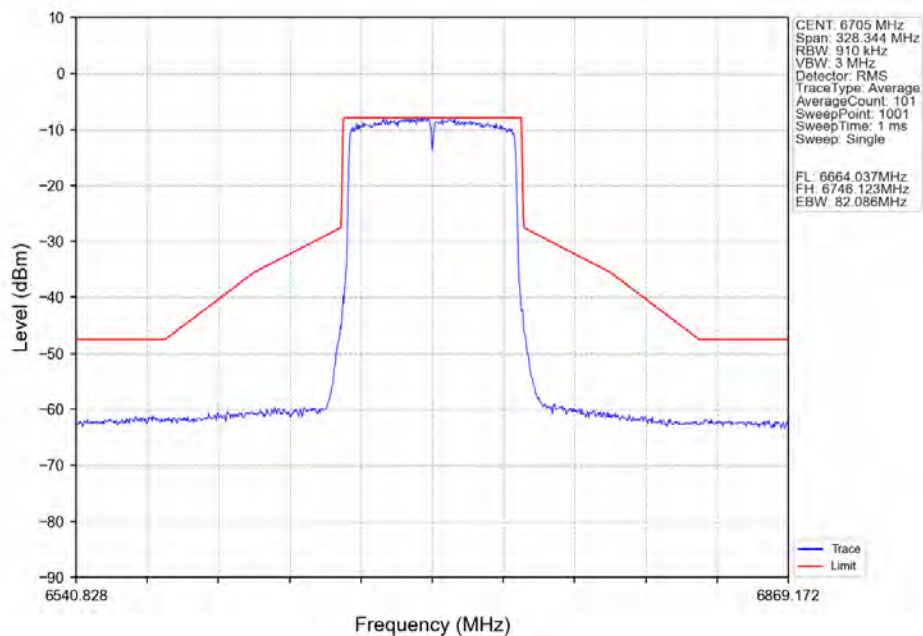
802.11ac(VHT80) LCH_6625MHz_Ant2_NTNV



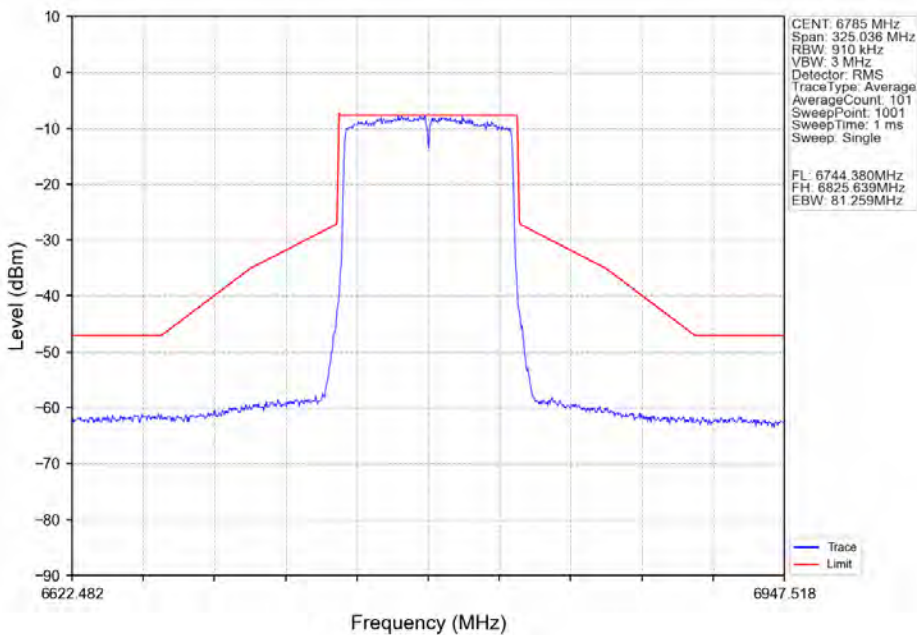
802.11ac(VHT80)_MCH_6705MHz_Ant1_NTNV



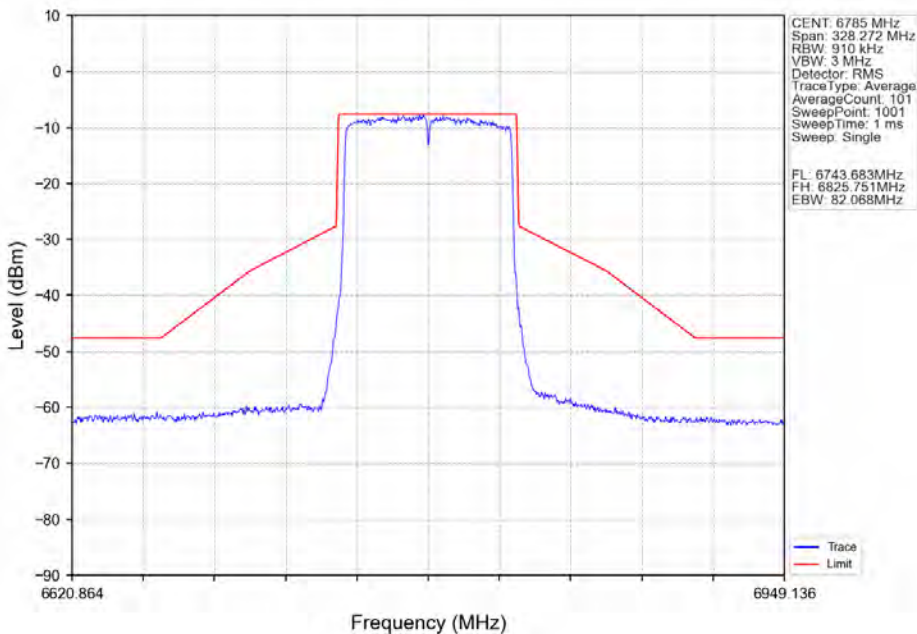
802.11ac(VHT80)_MCH_6705MHz_Ant2_NTNV



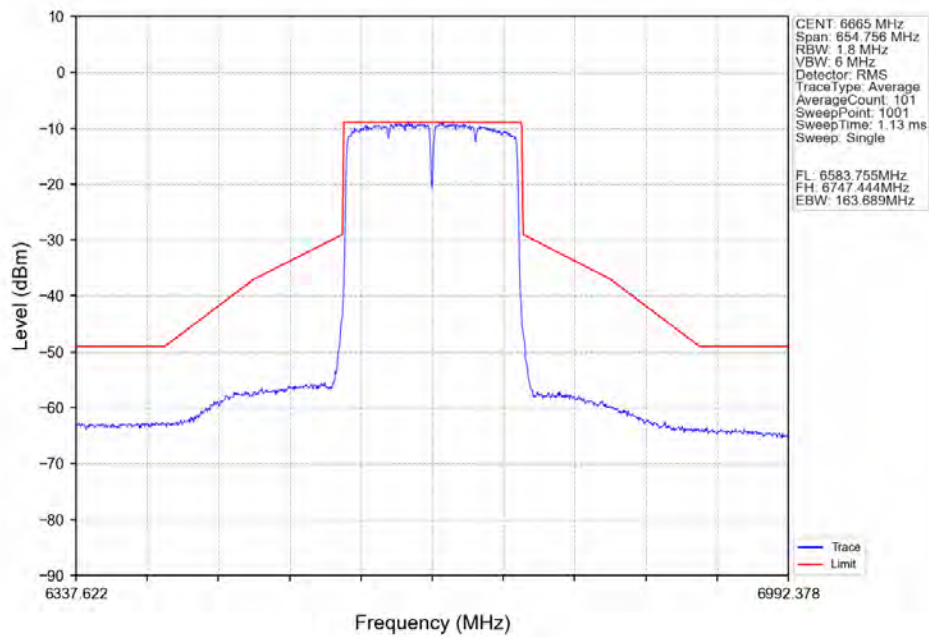
802.11ac(VHT80) HCH 6785MHz Ant1 NTN



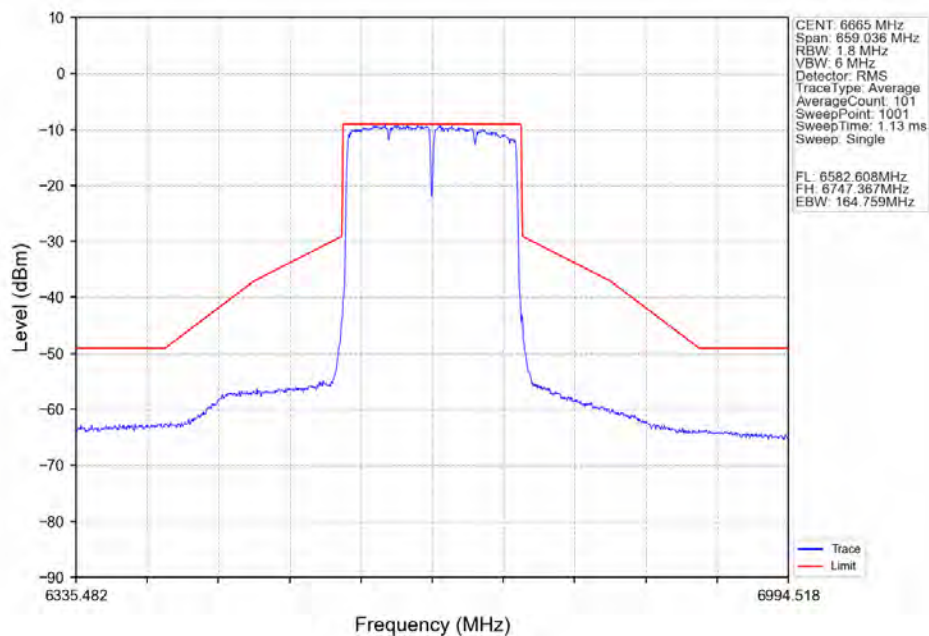
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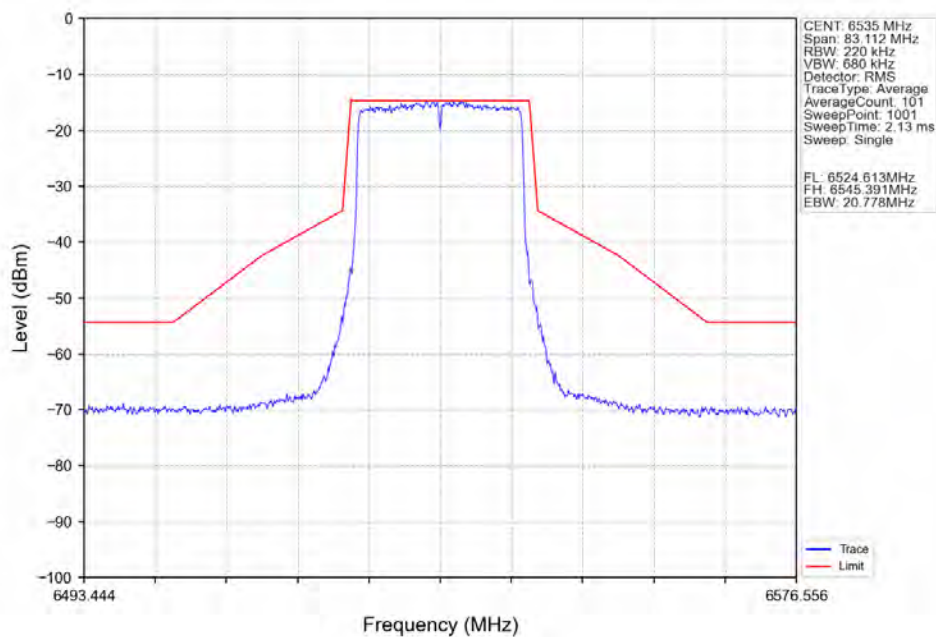
802.11ac(VHT160) MCH_6665MHz_Ant1_NTNV



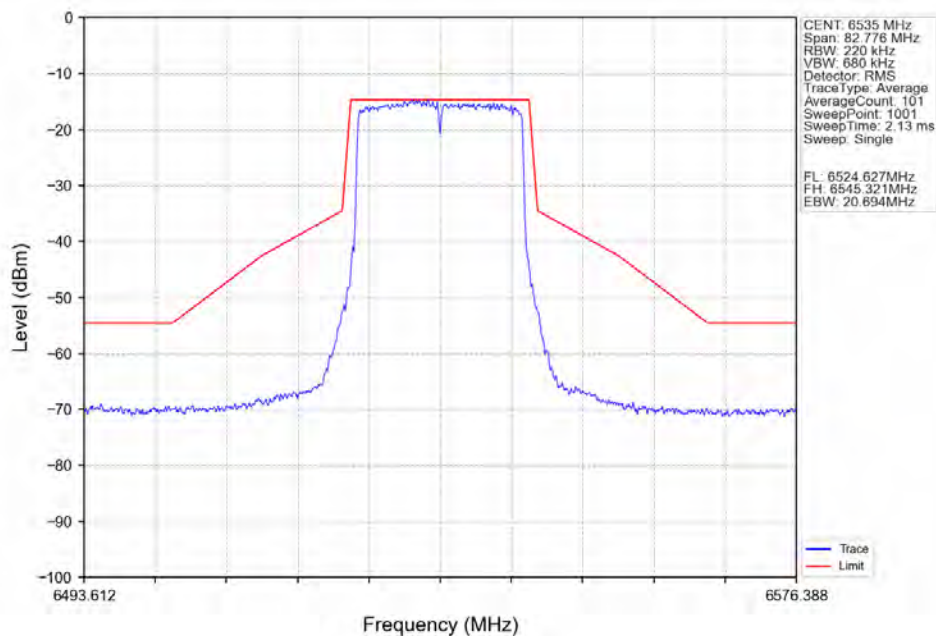
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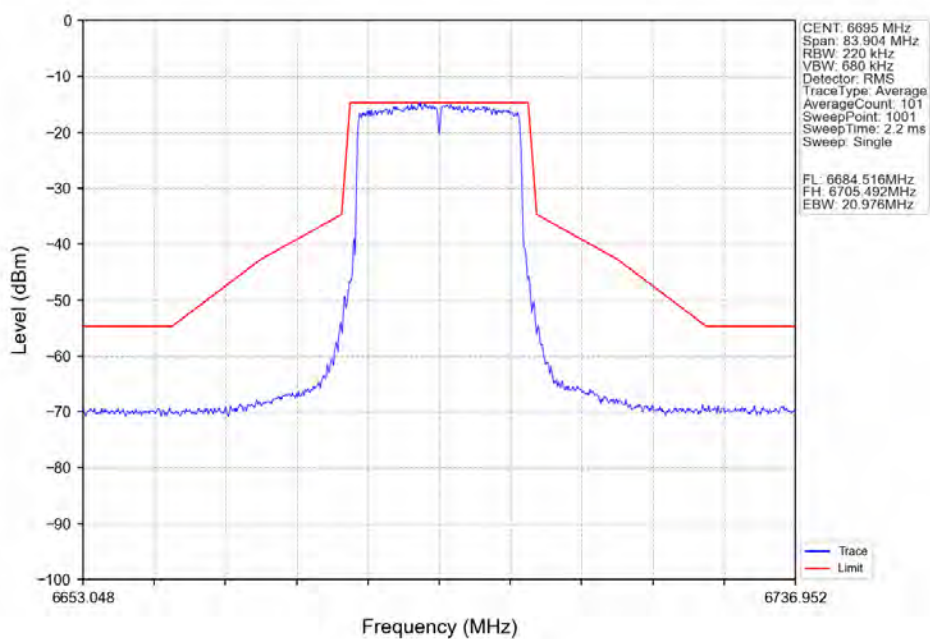
802.11ax(HEW20)_LCH_6535MHz_SU_ / Ant1_NTNV



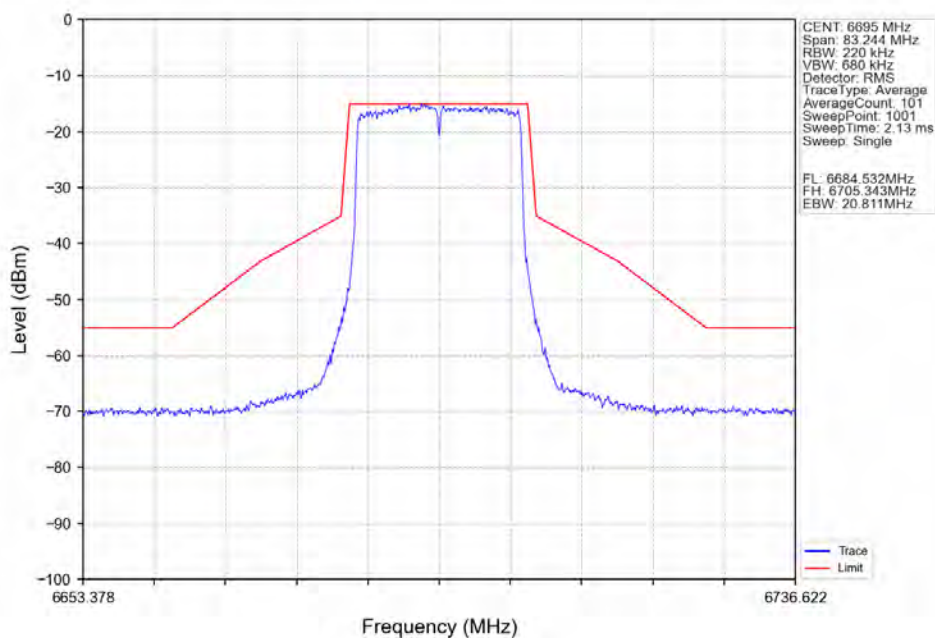
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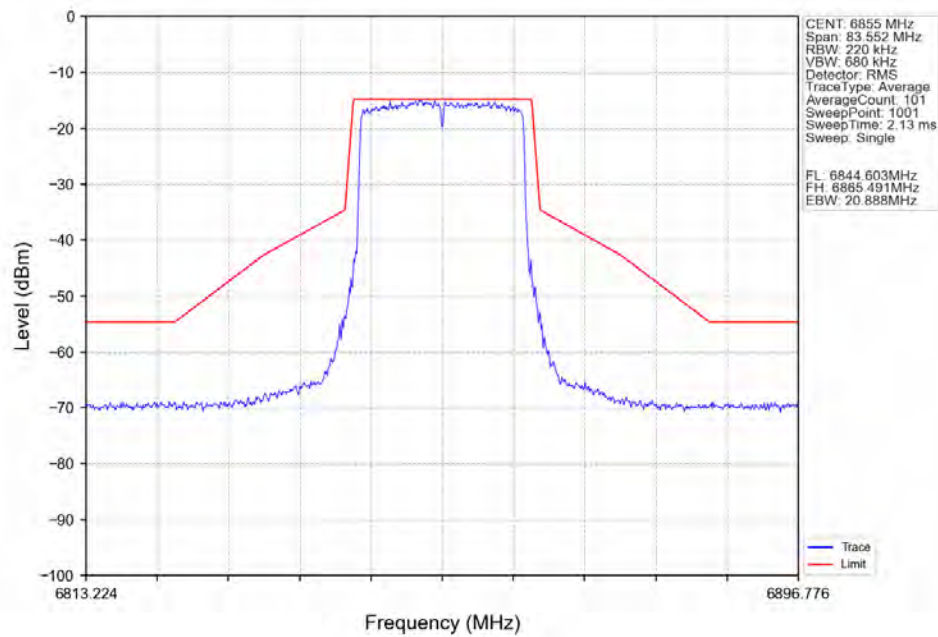
802.11ax(HEW20) MCH 6695MHz SU / Ant1 NTN



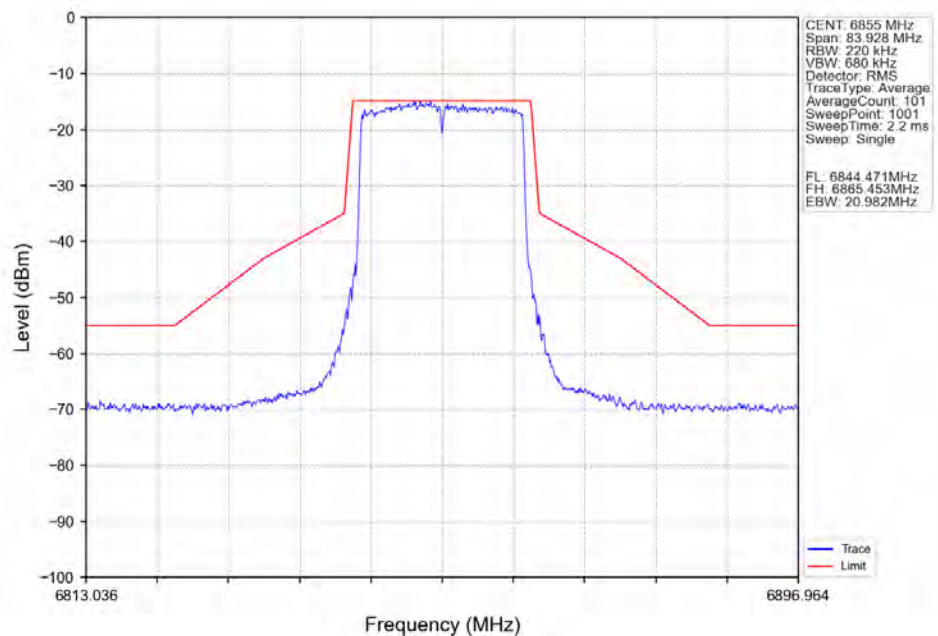
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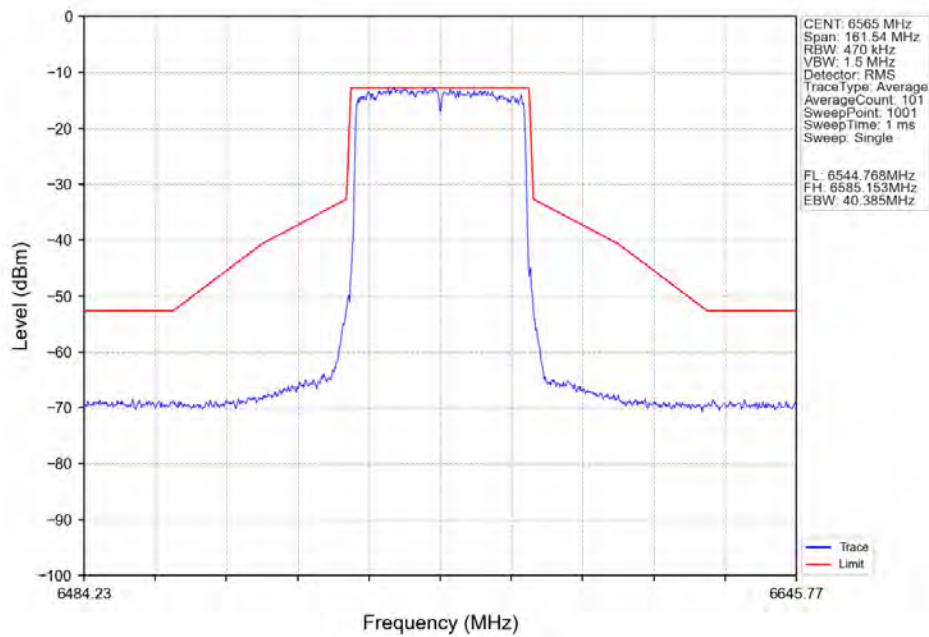
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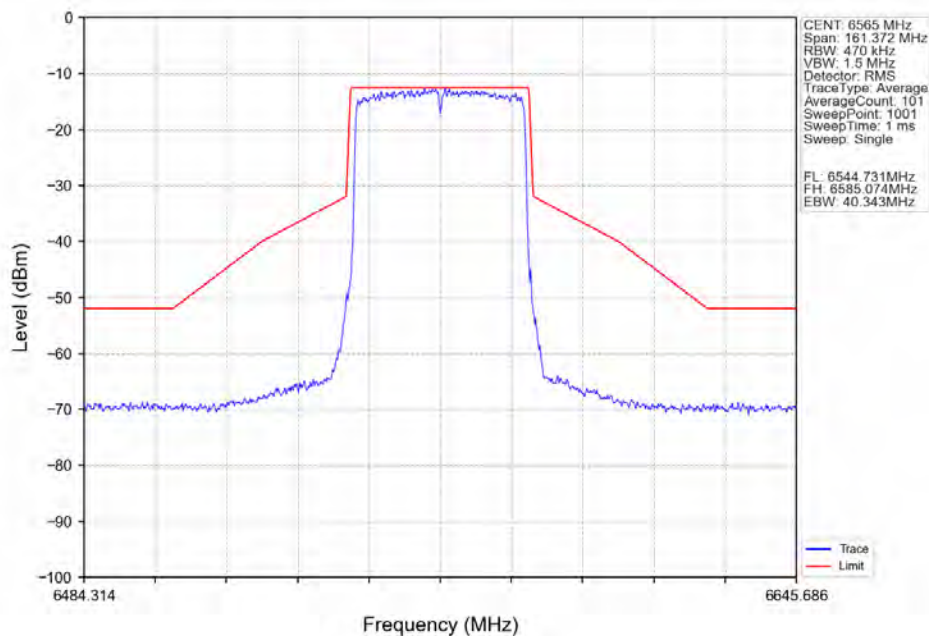
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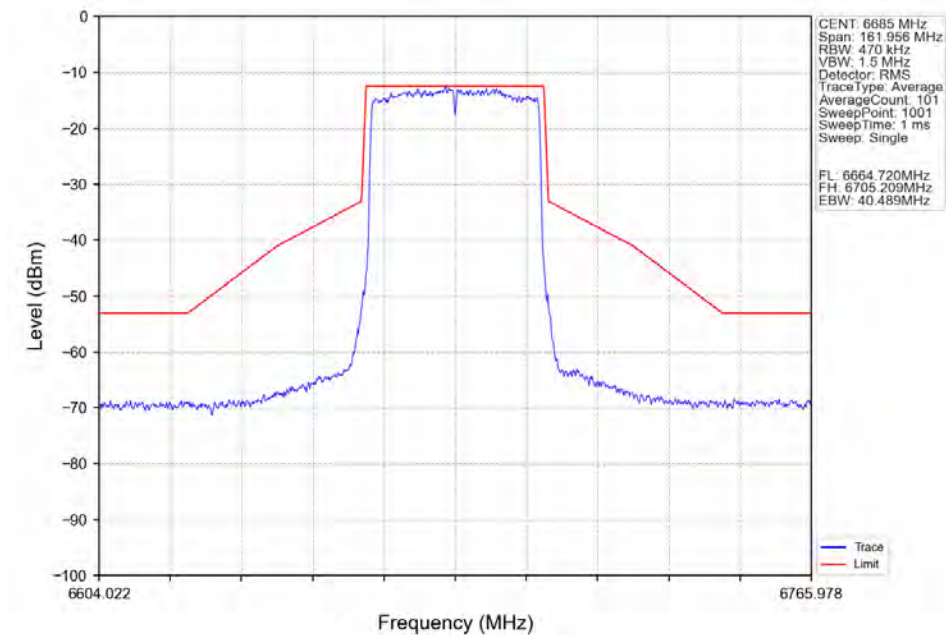
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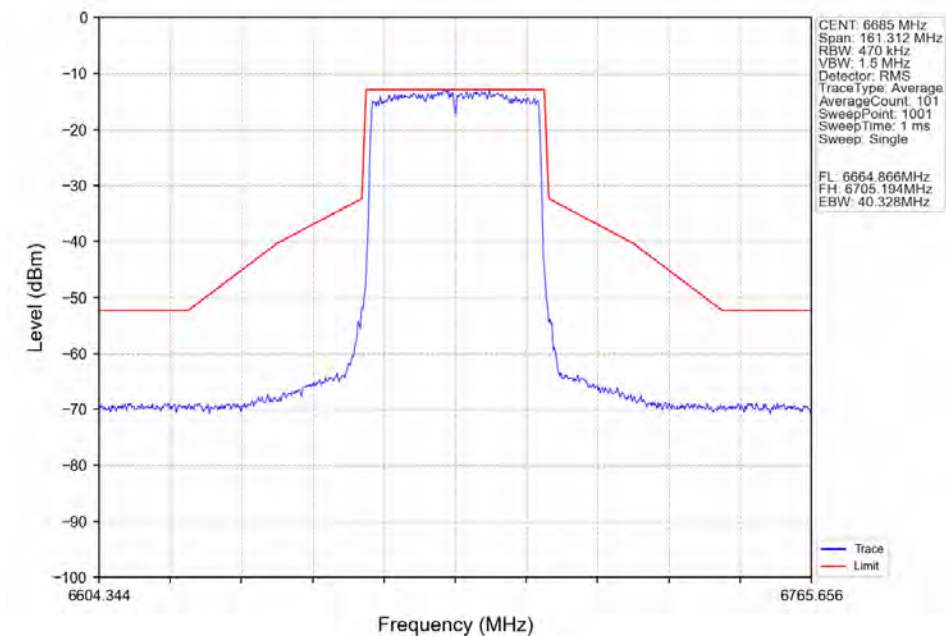
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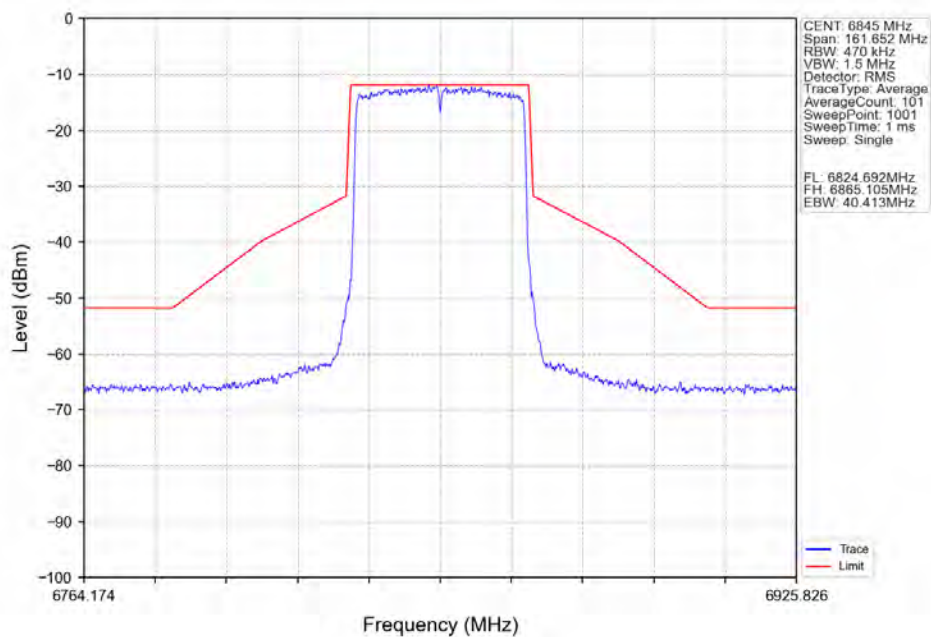
802.11ax(HEW40) MCH_6685MHz_SU / Ant1 NTN



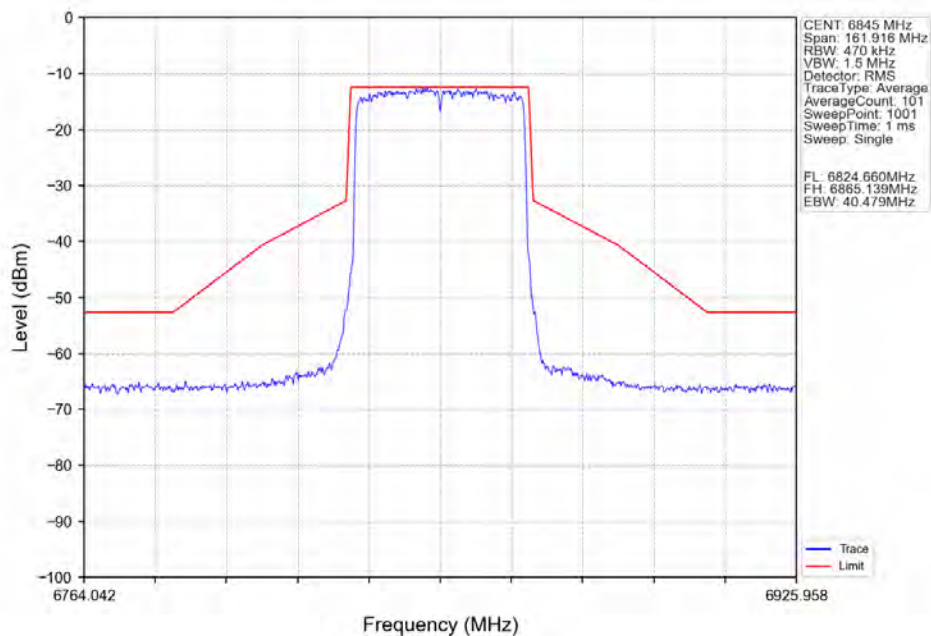
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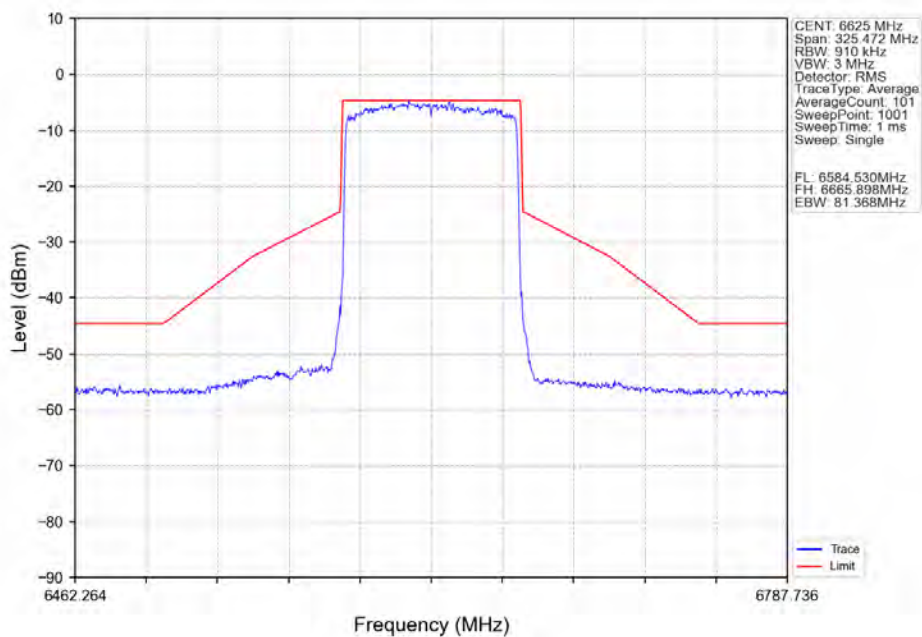
802.11ax(HEW40) HCH 6845MHz SU / Ant1 NTN



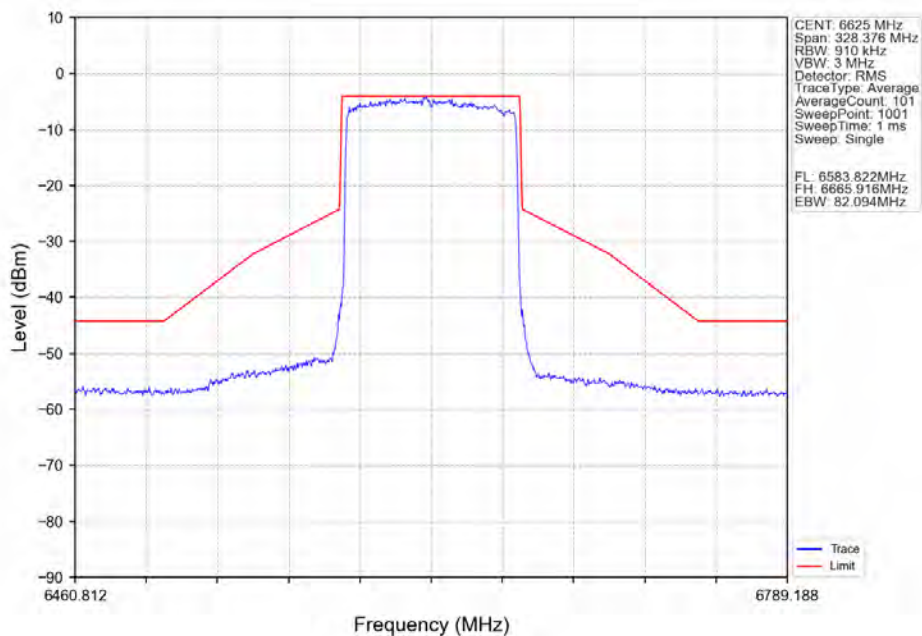
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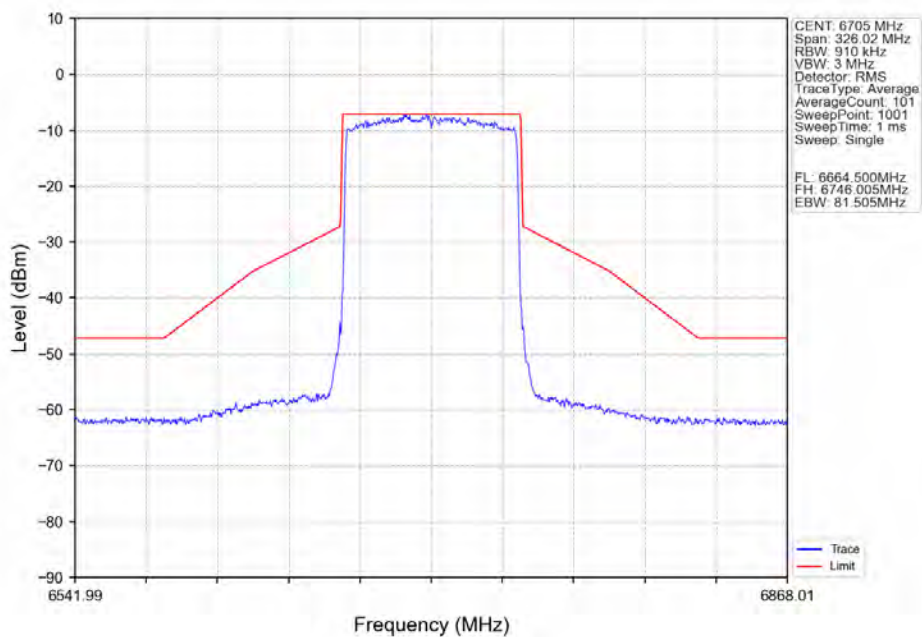
802.11ax(HEW80)_LCH_6625MHz_SU_ / Ant1_NTNV



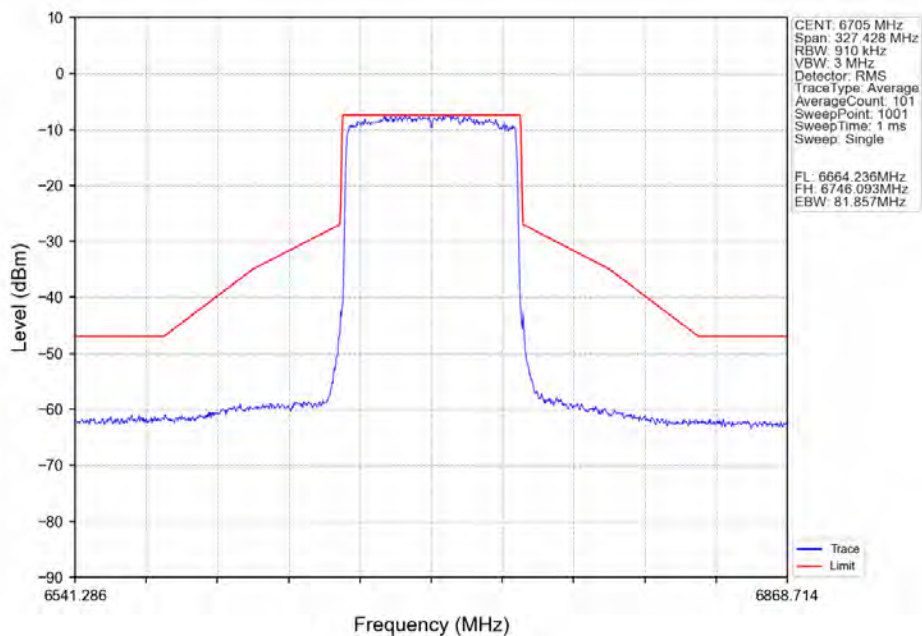
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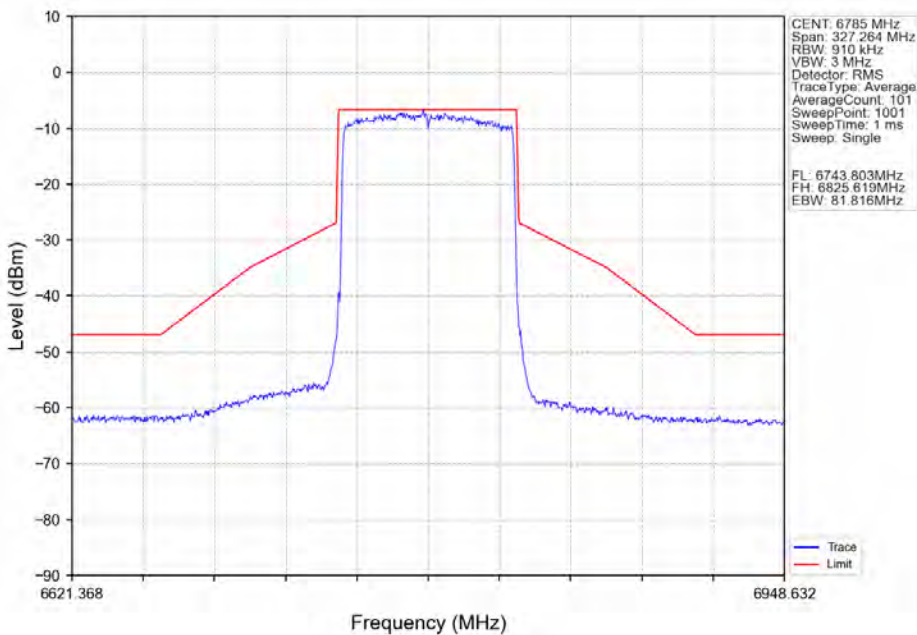
802.11ax(HEW80) MCH_6705MHz_SU / Ant1_NTNV



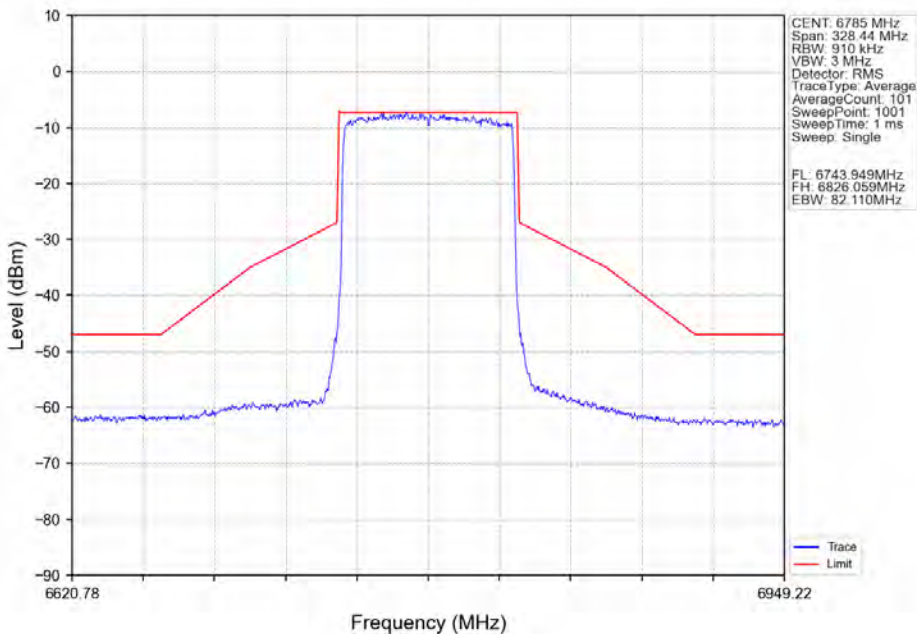
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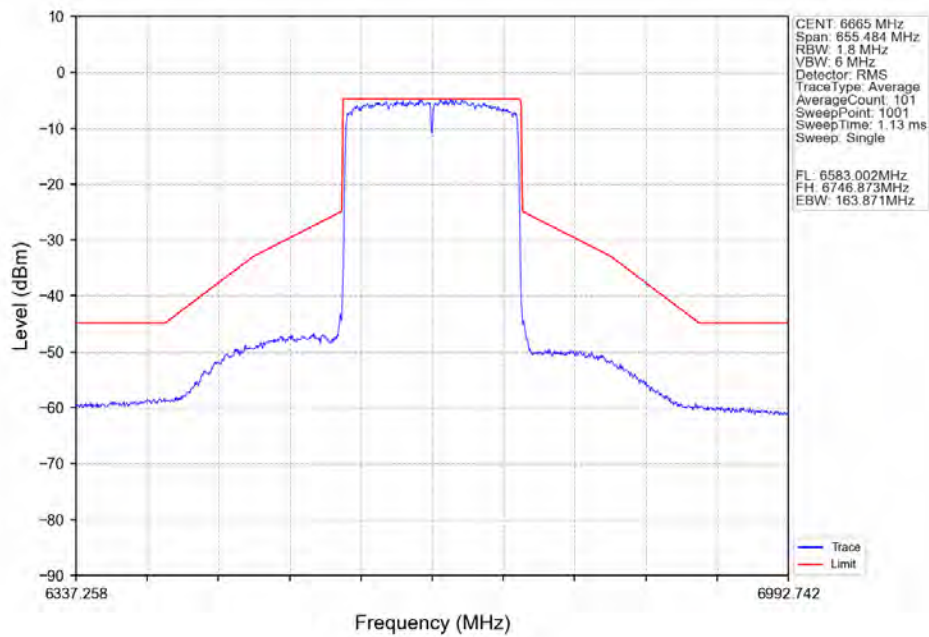
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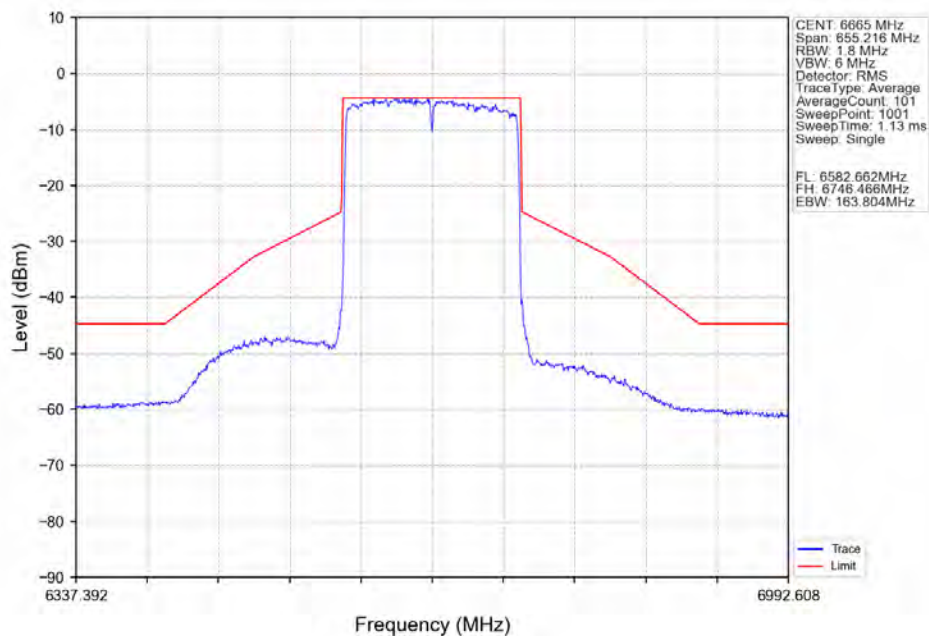
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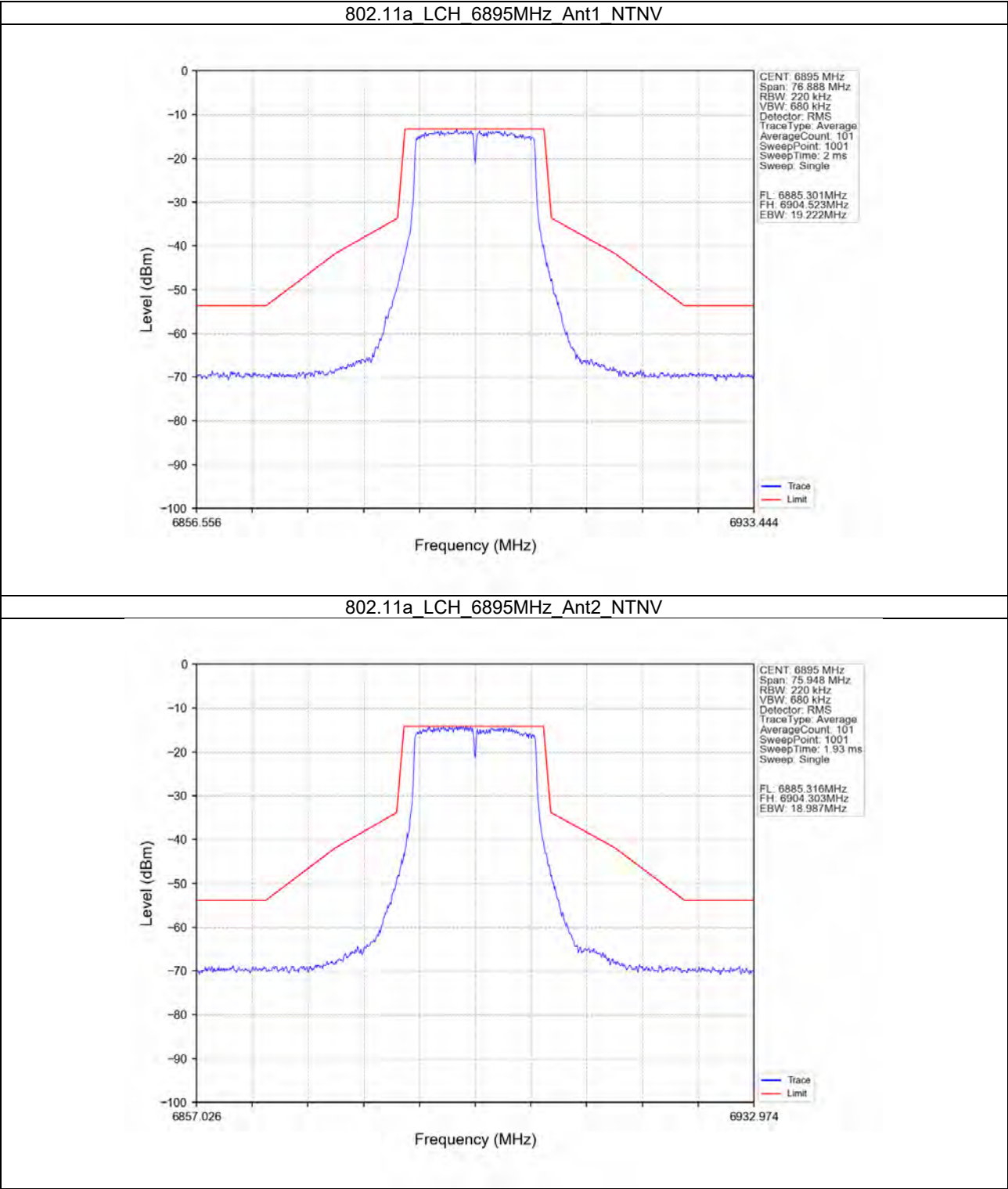
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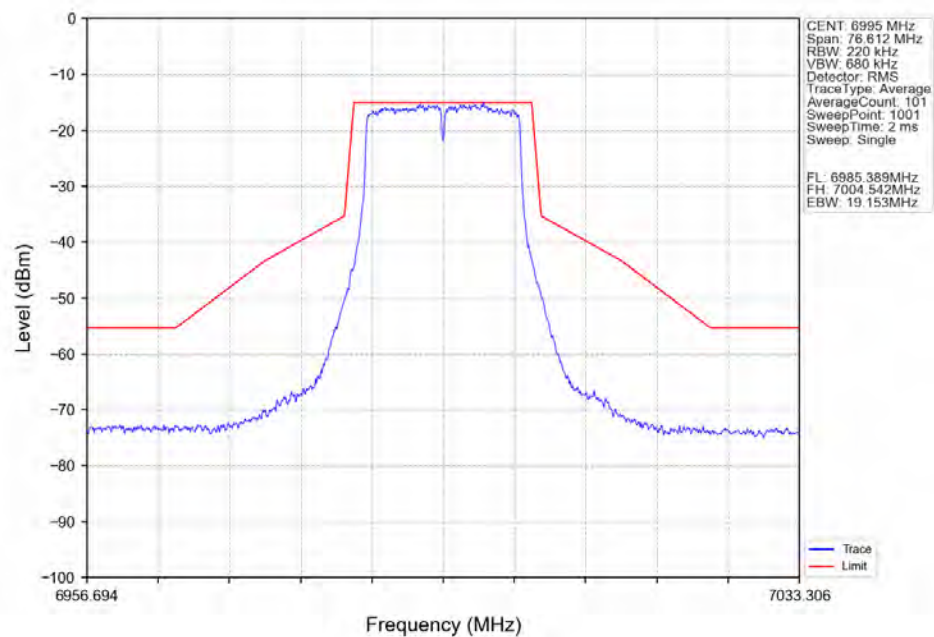
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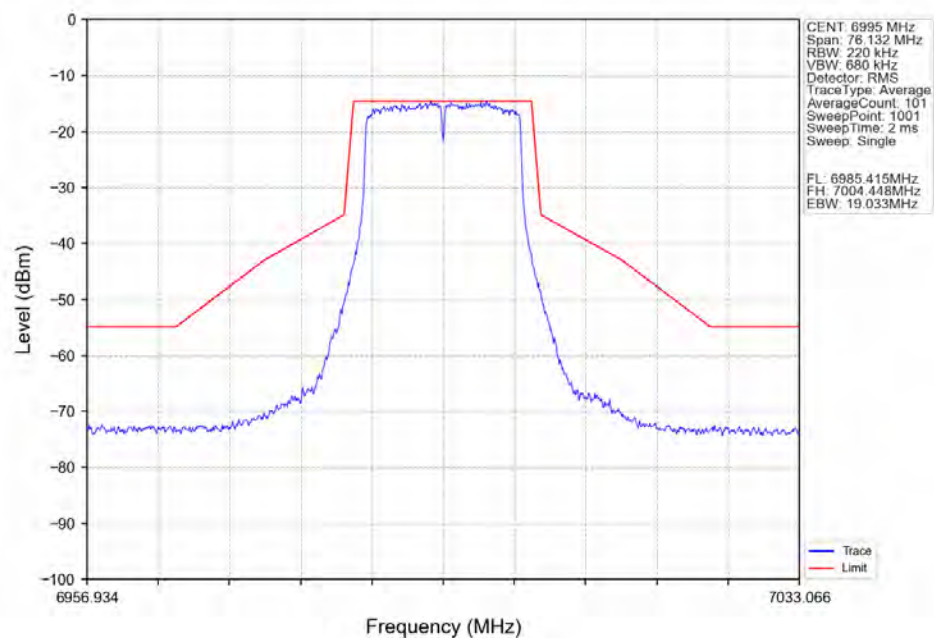
5.2.4 EMask



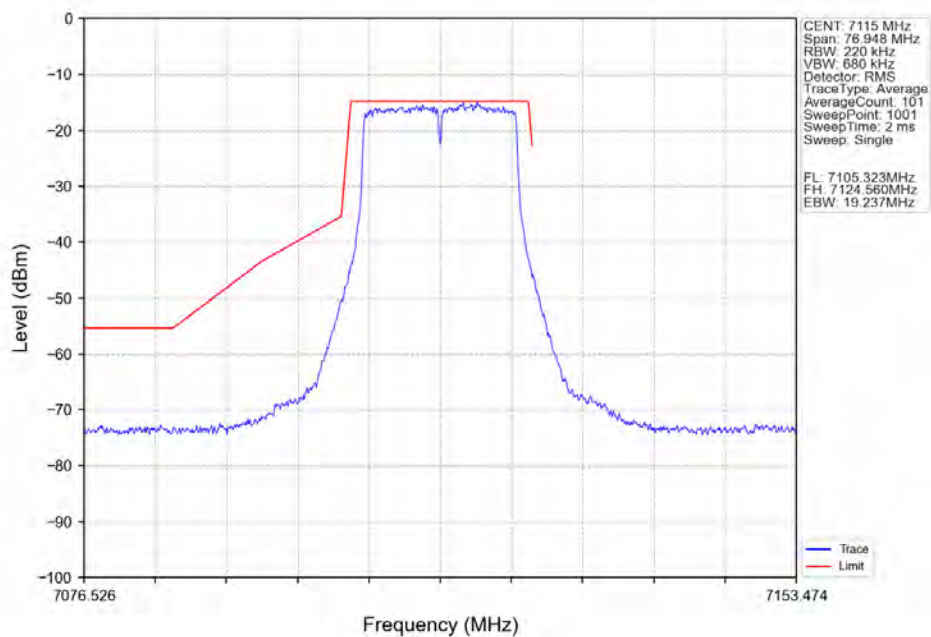
802.11a_MCH_6995MHz_Ant1_NTNV



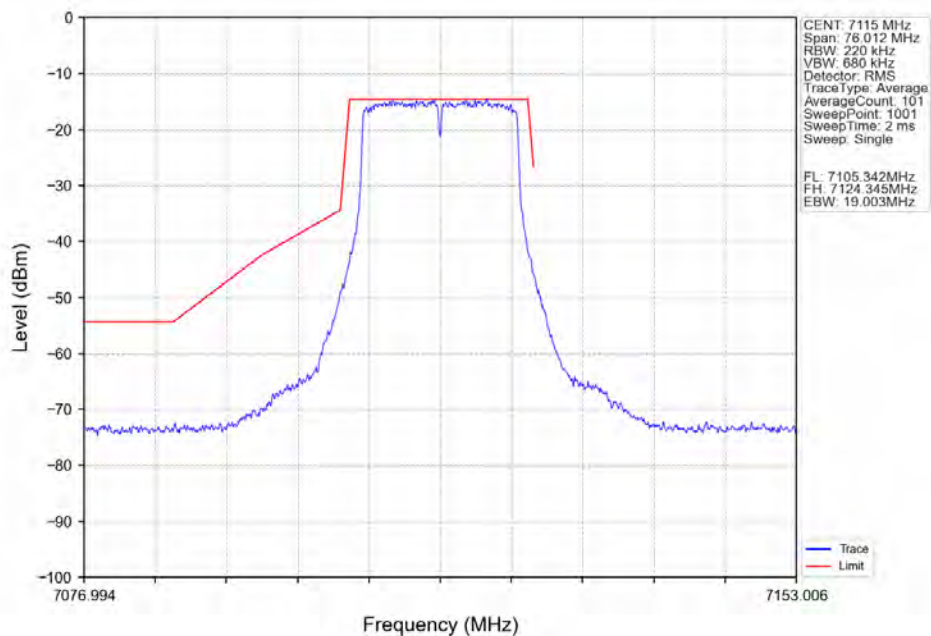
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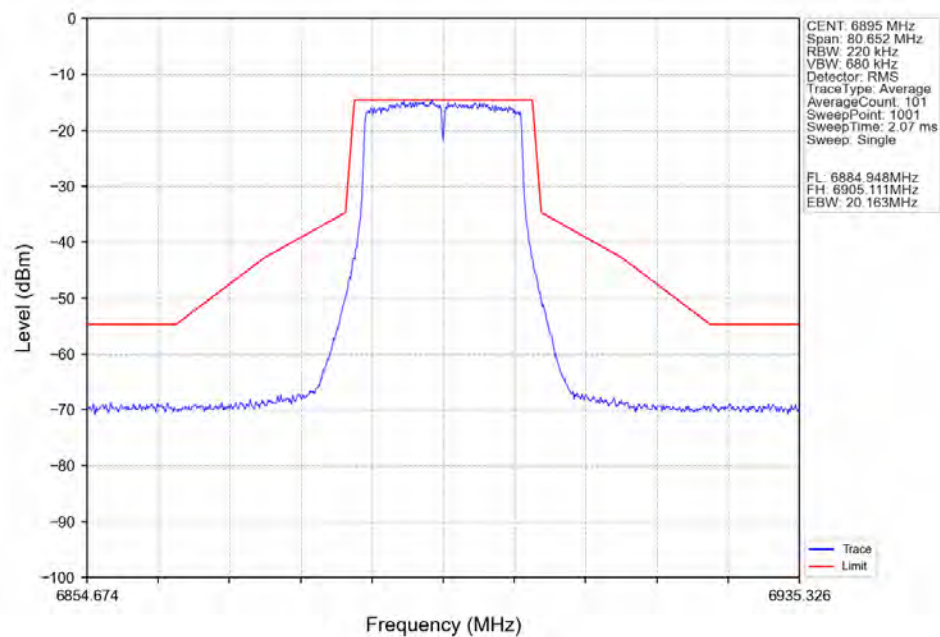
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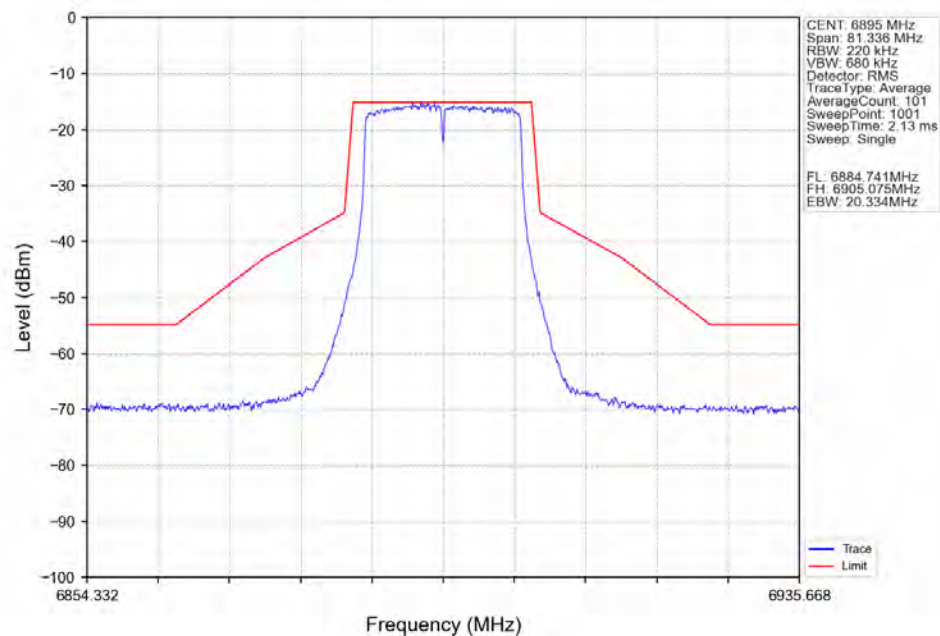
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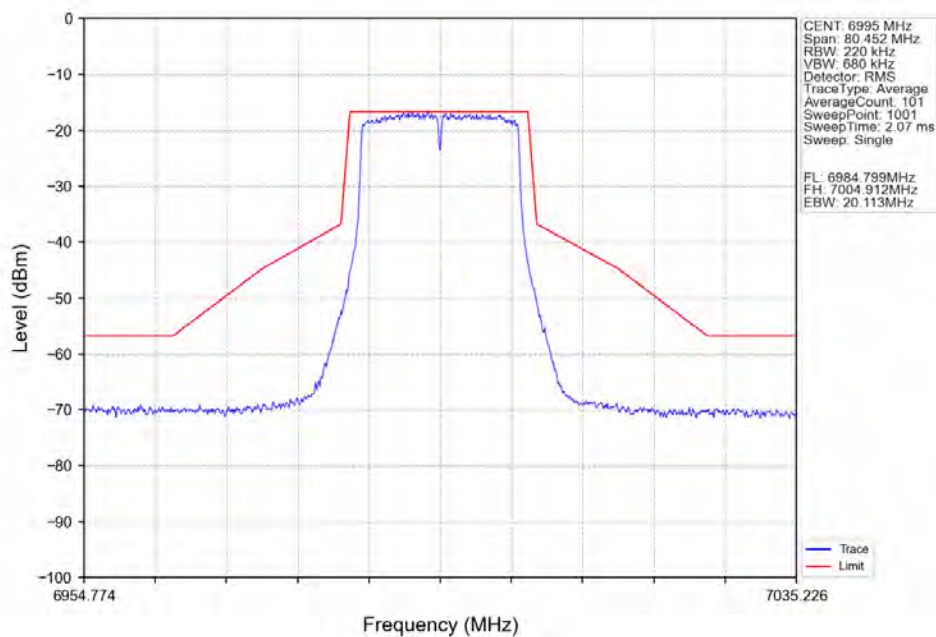
802.11n(HT20) LCH 6895MHz Ant1 NTN



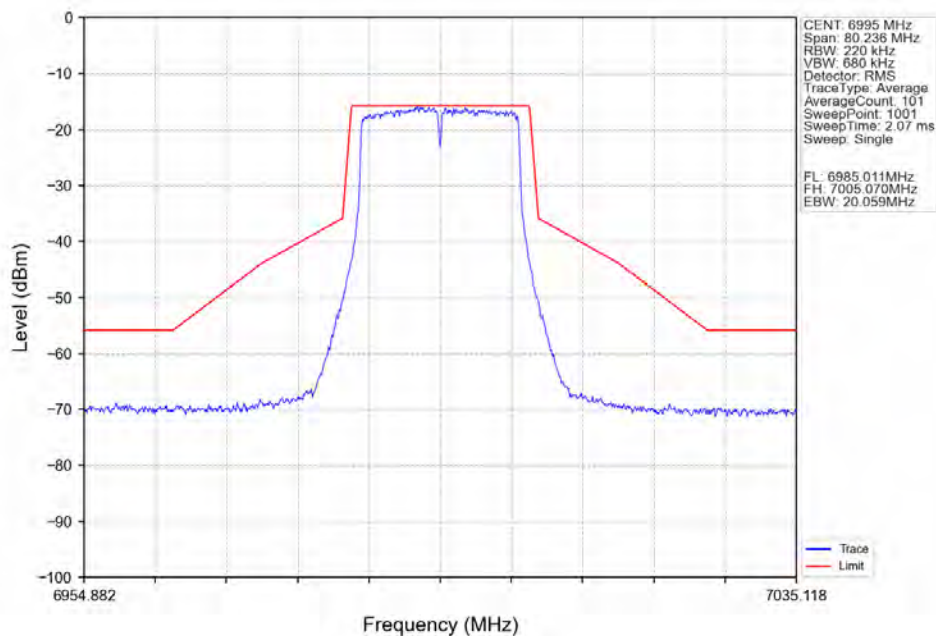
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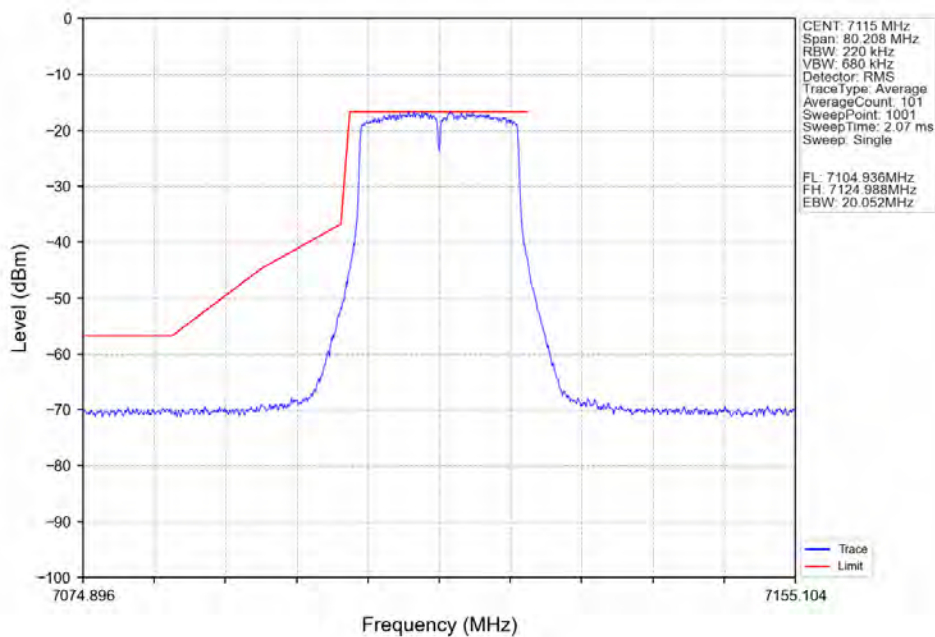
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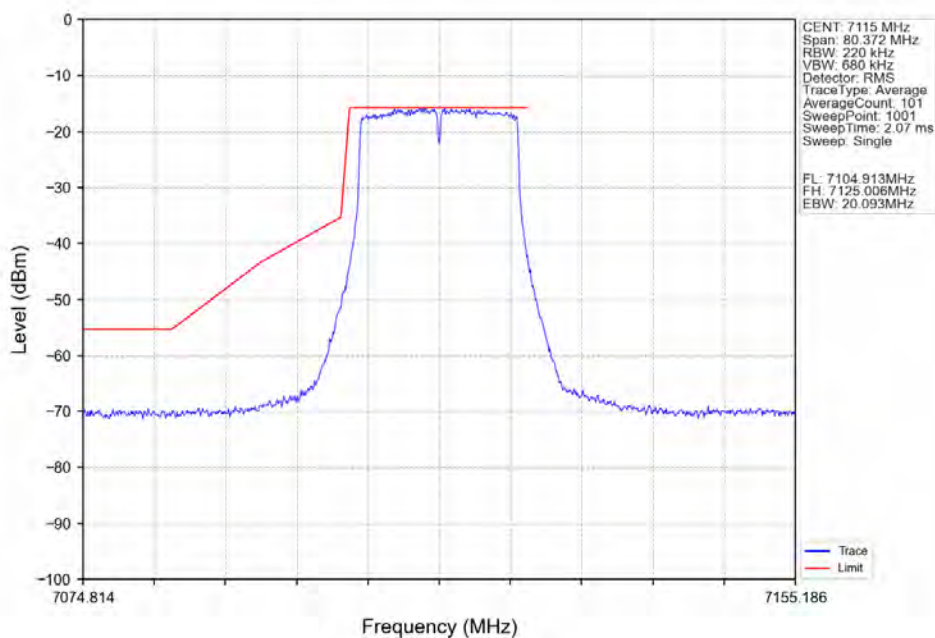
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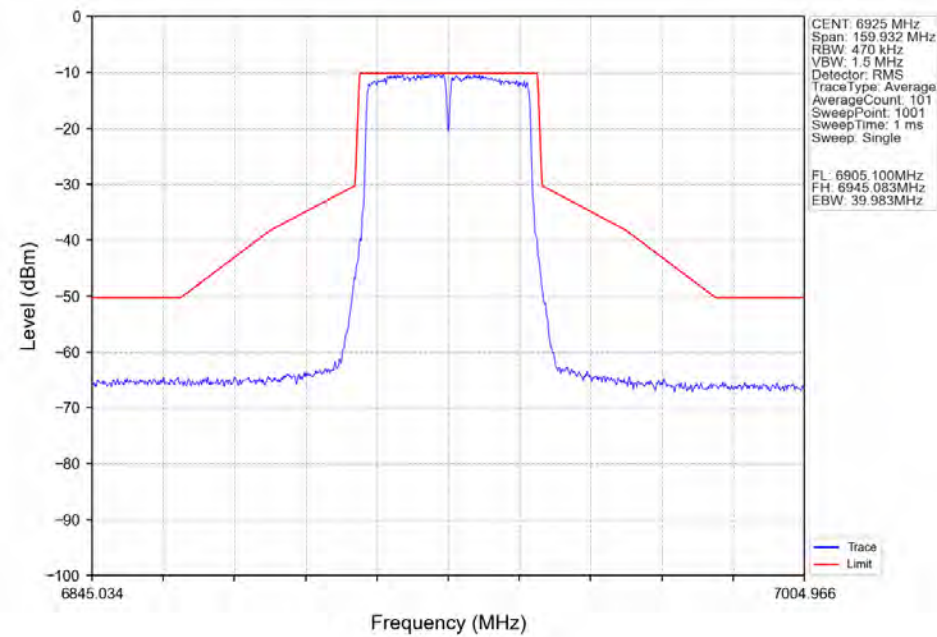
802.11n(HT20) HCH 7115MHz Ant1 NTN



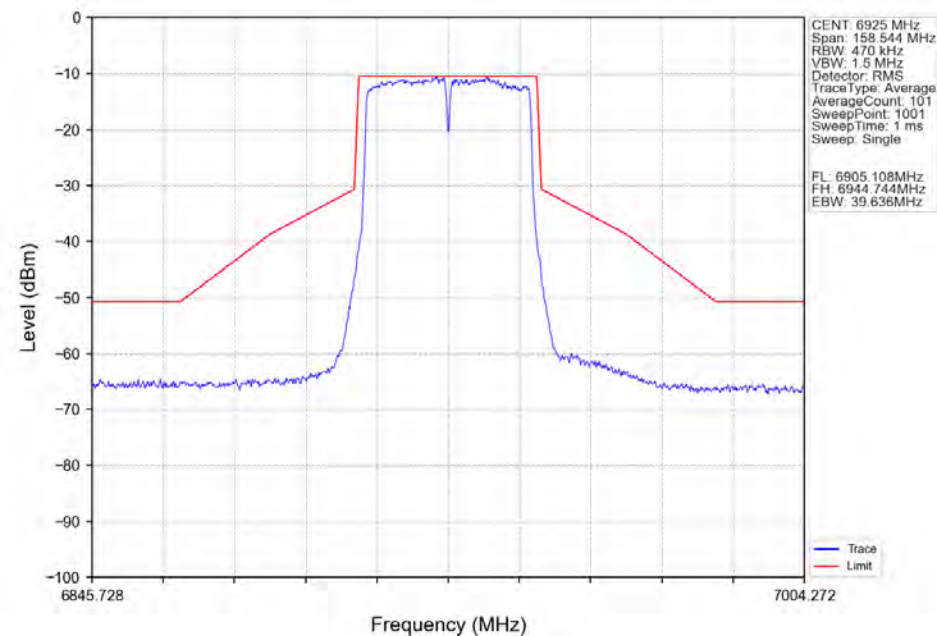
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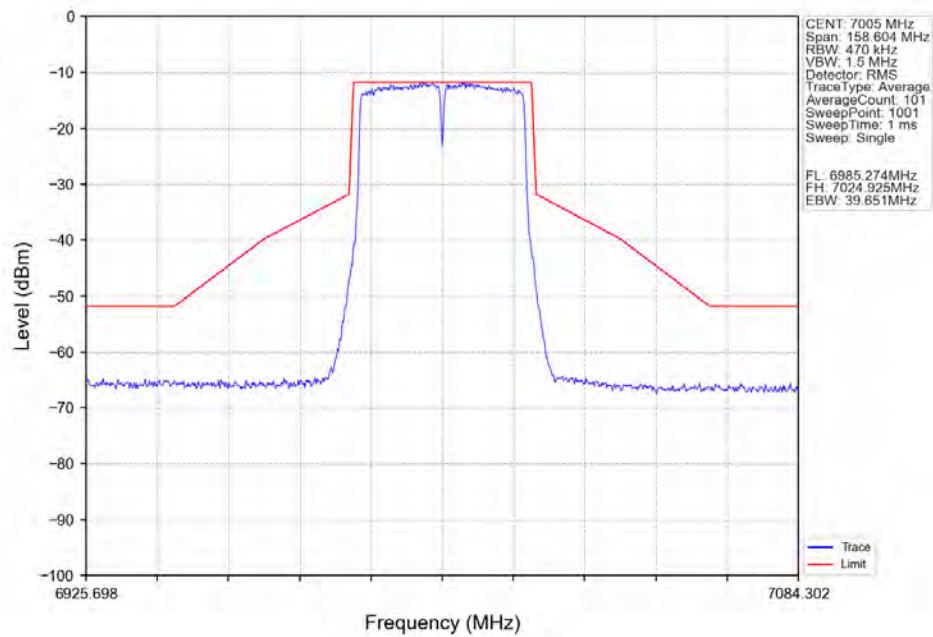
802.11n(HT40) LCH 6925MHz Ant1 NTN



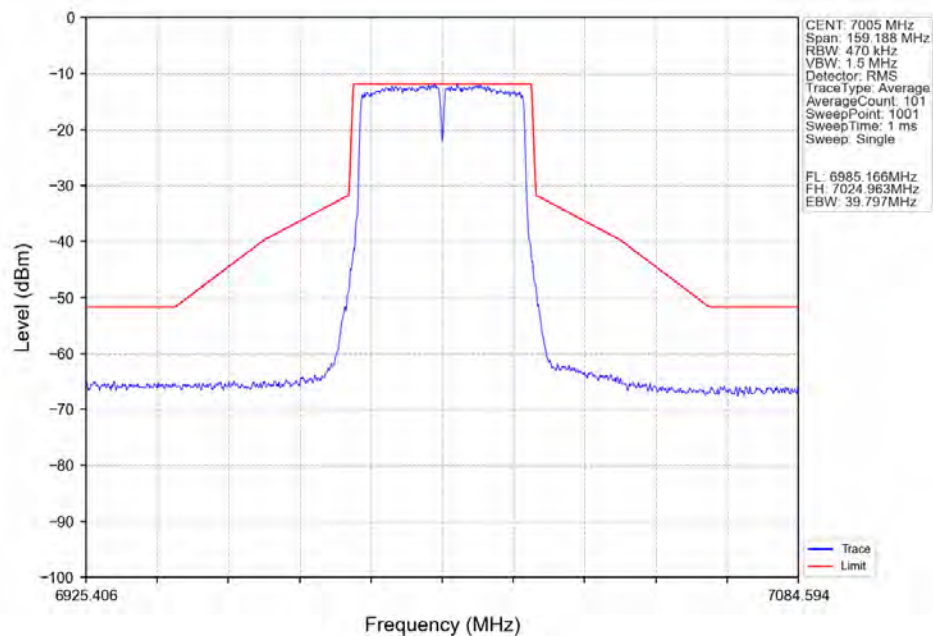
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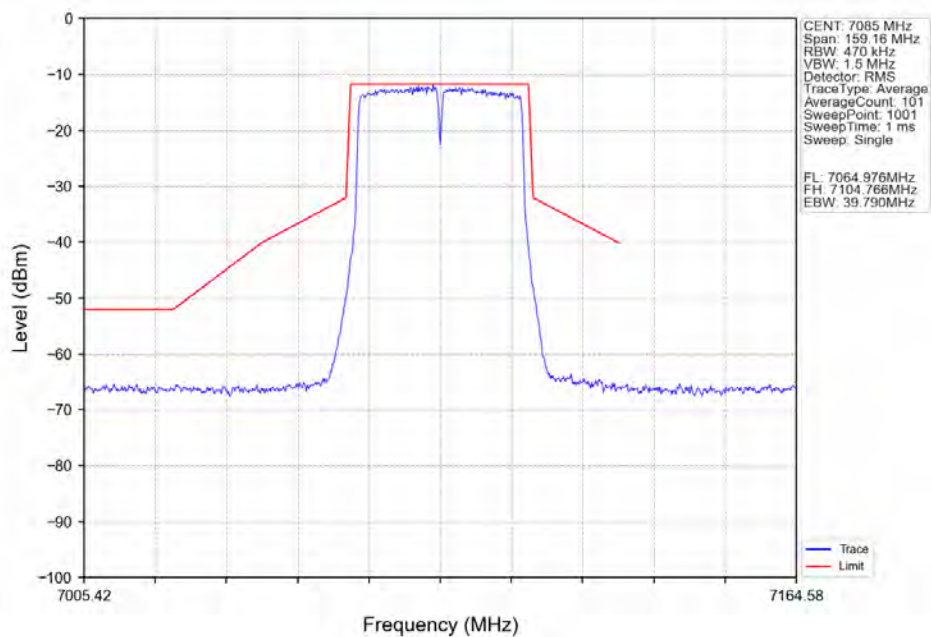
802.11n(HT40) MCH_7005MHz_Ant1_NTNV



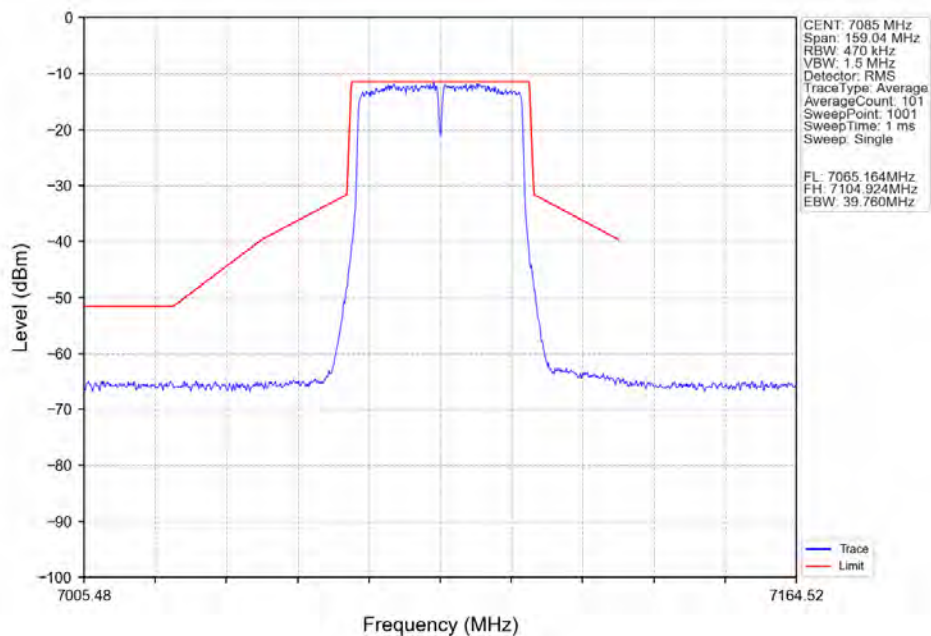
802.11n(HT40) MCH_7005MHz_Ant2_NTNV



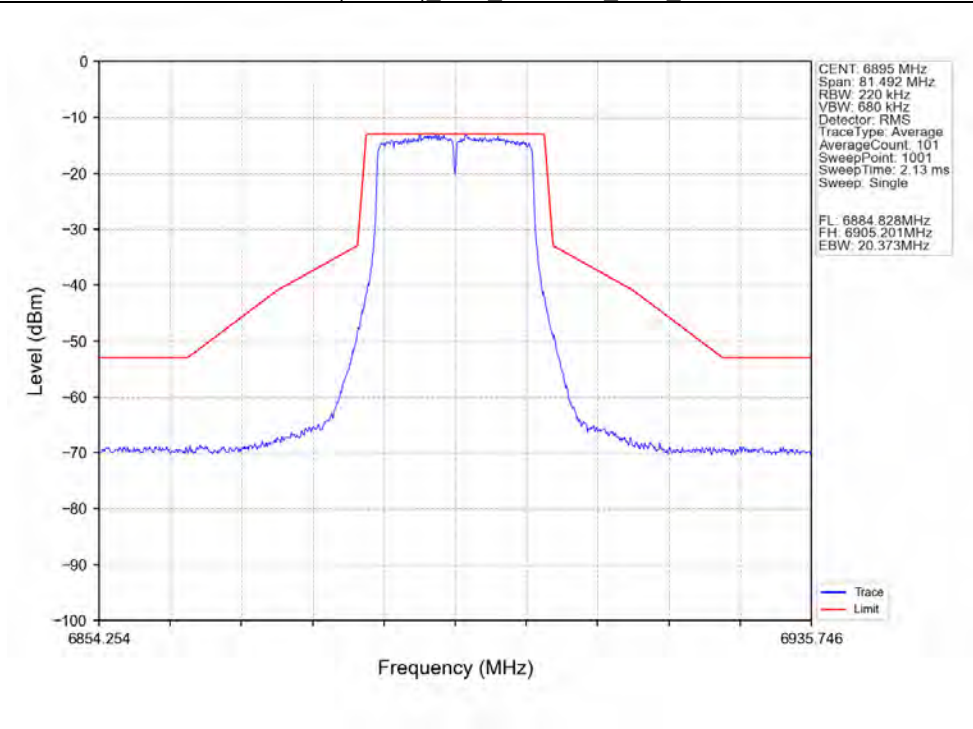
802.11n(HT40) HCH 7085MHz Ant1 NTN



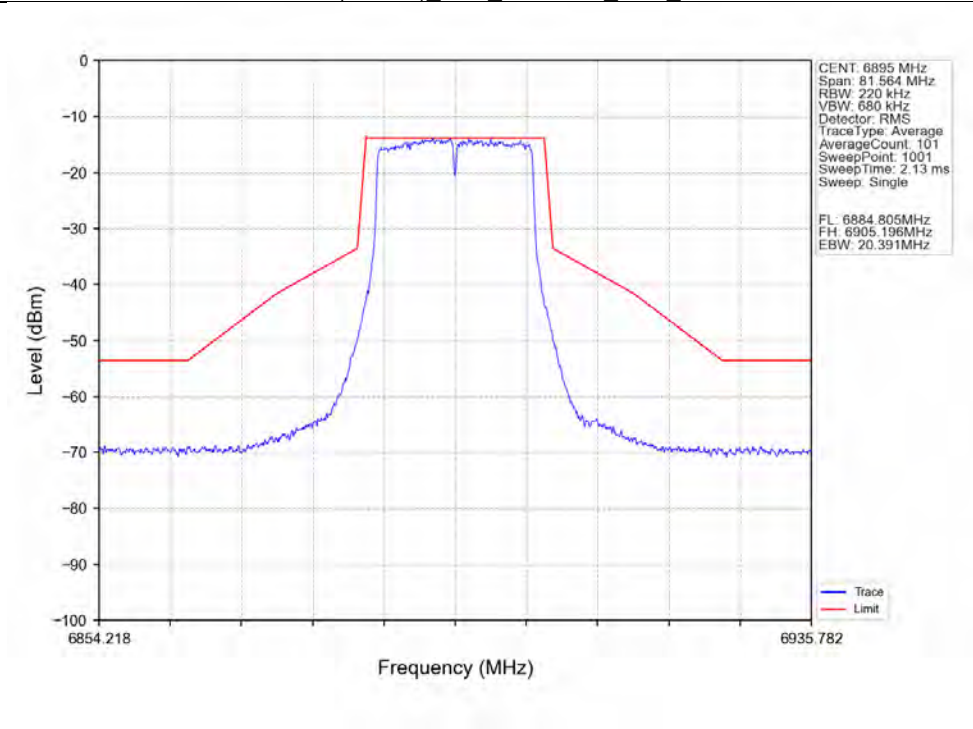
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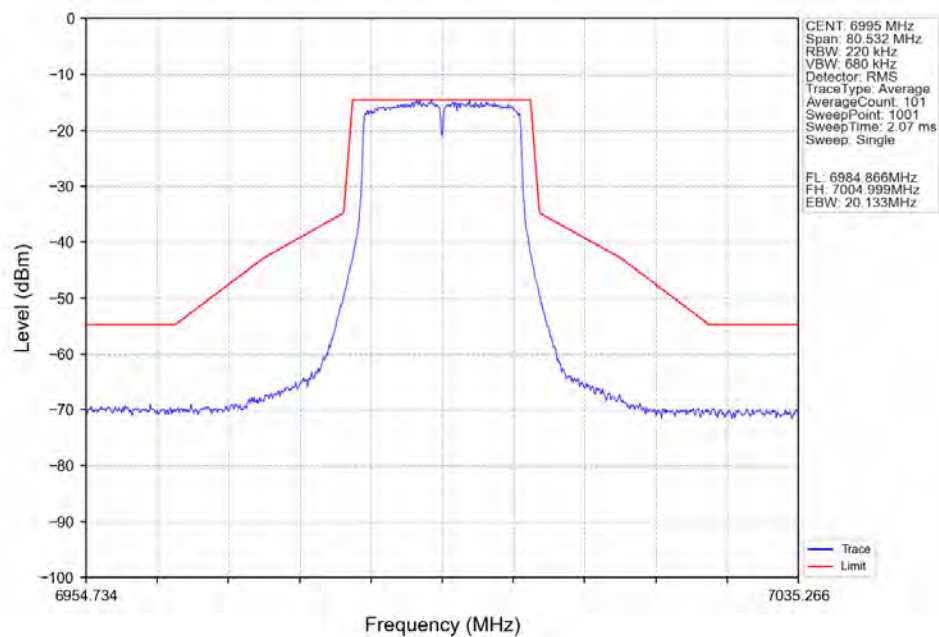
802.11ac(VHT20) LCH_6895MHz_Ant1_NTNV



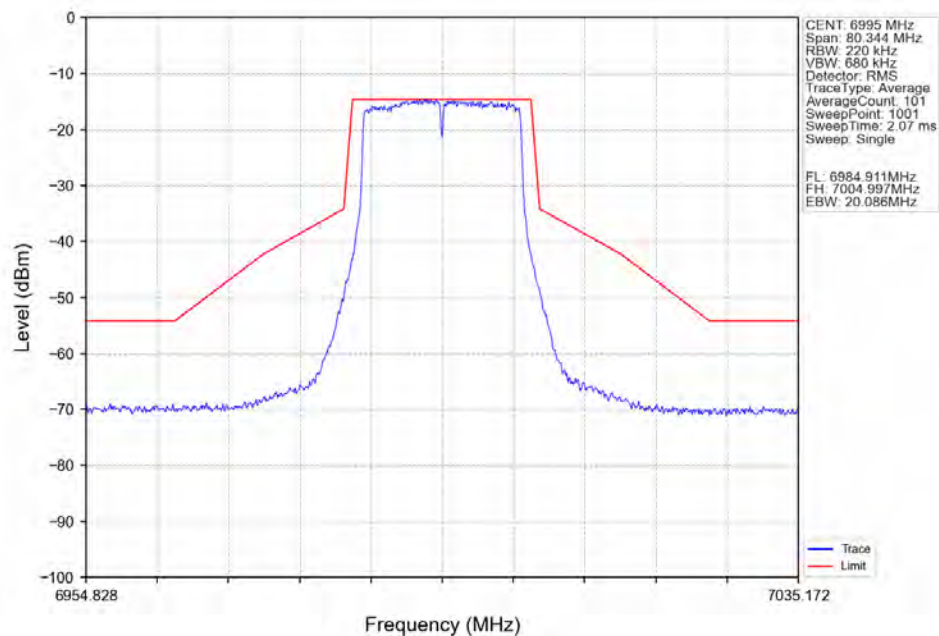
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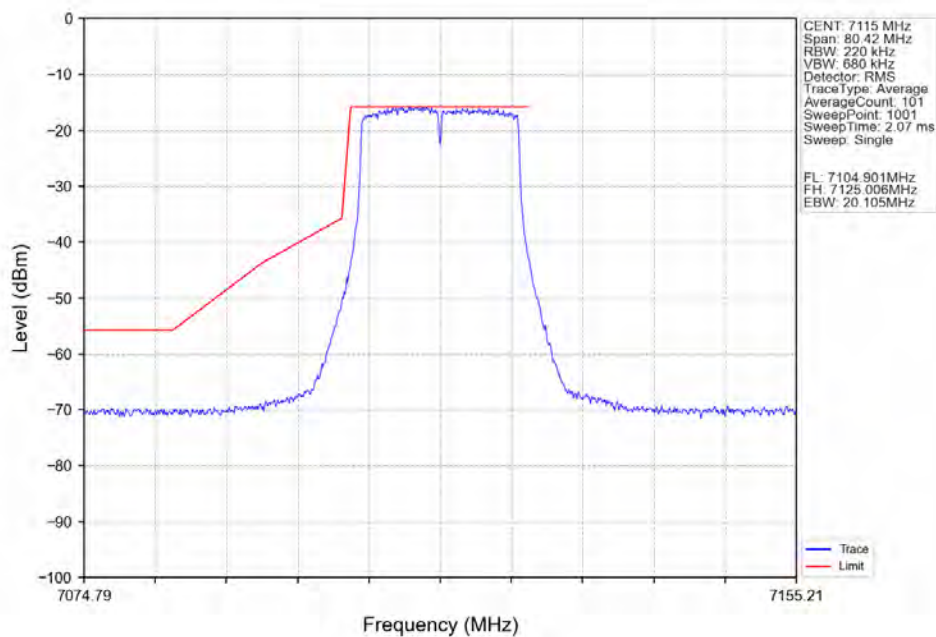
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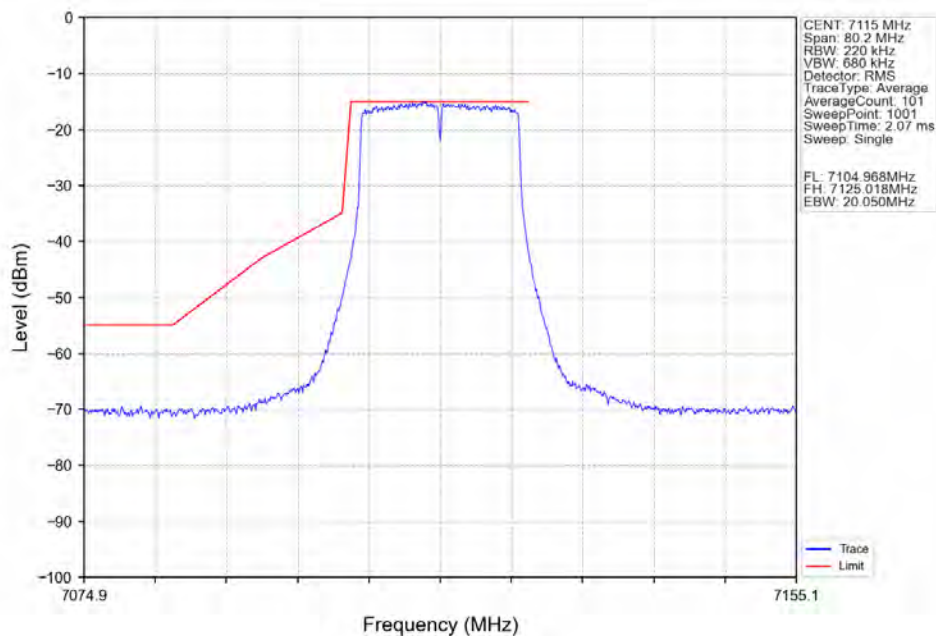
802.11ac(VHT20)_MCH_6995MHz_Ant2_NTNV



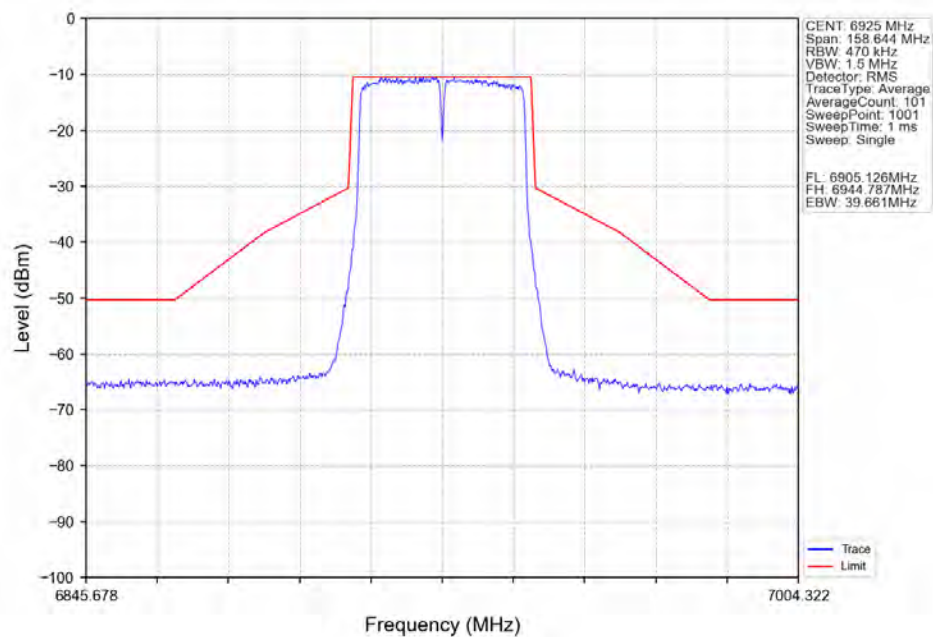
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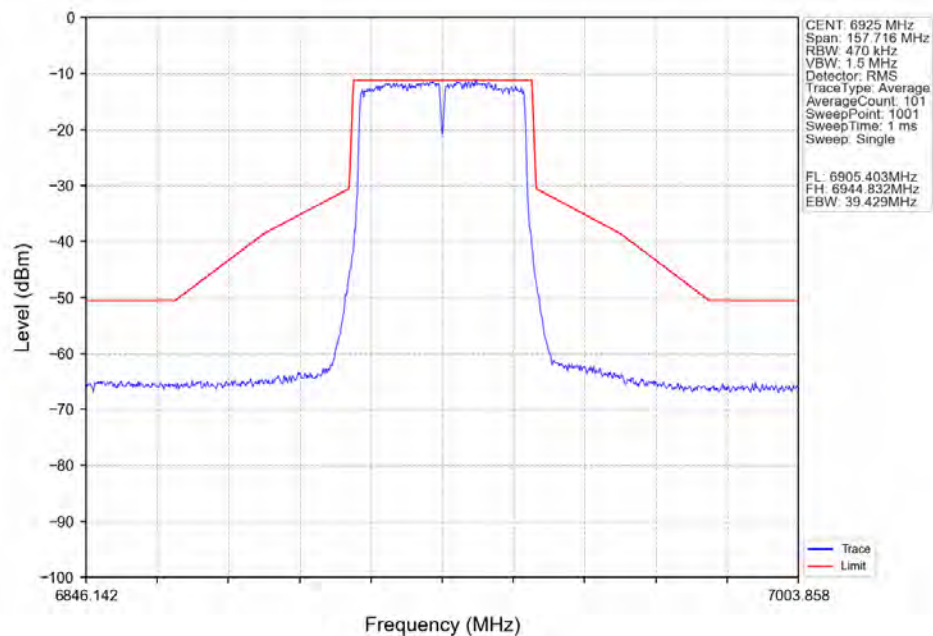
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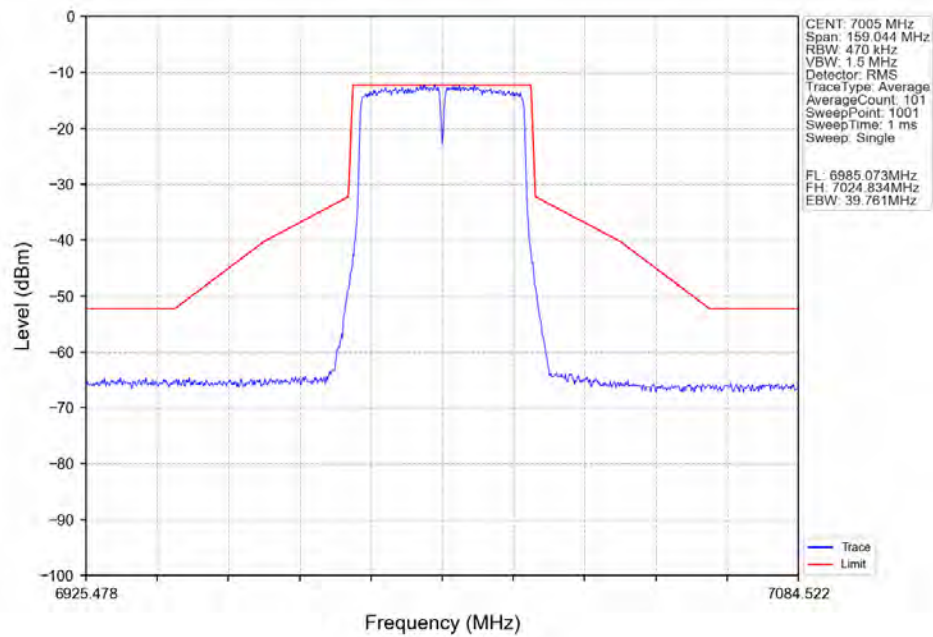
802.11ac(VHT40) LCH_6925MHz_Ant1_NTNV



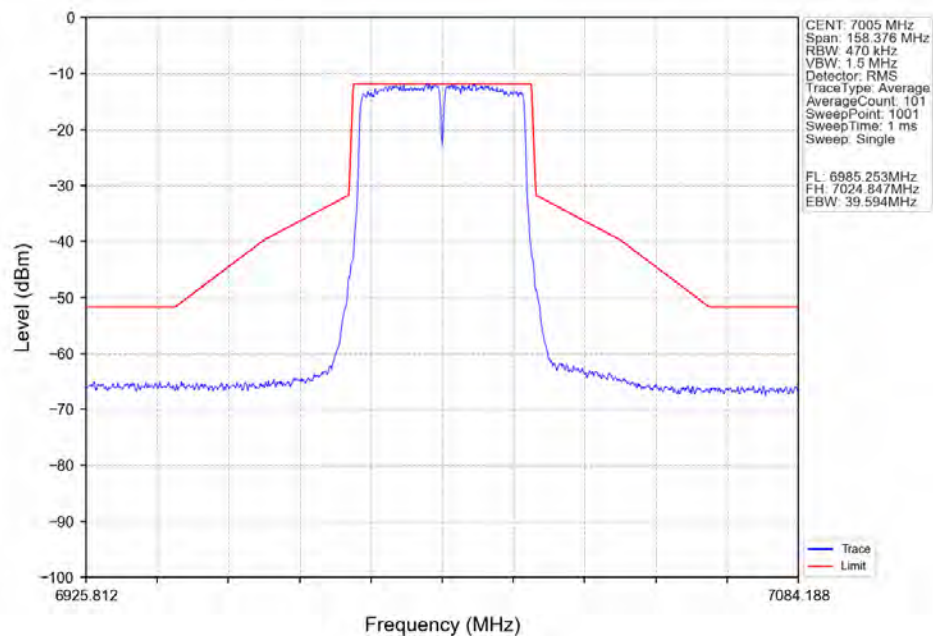
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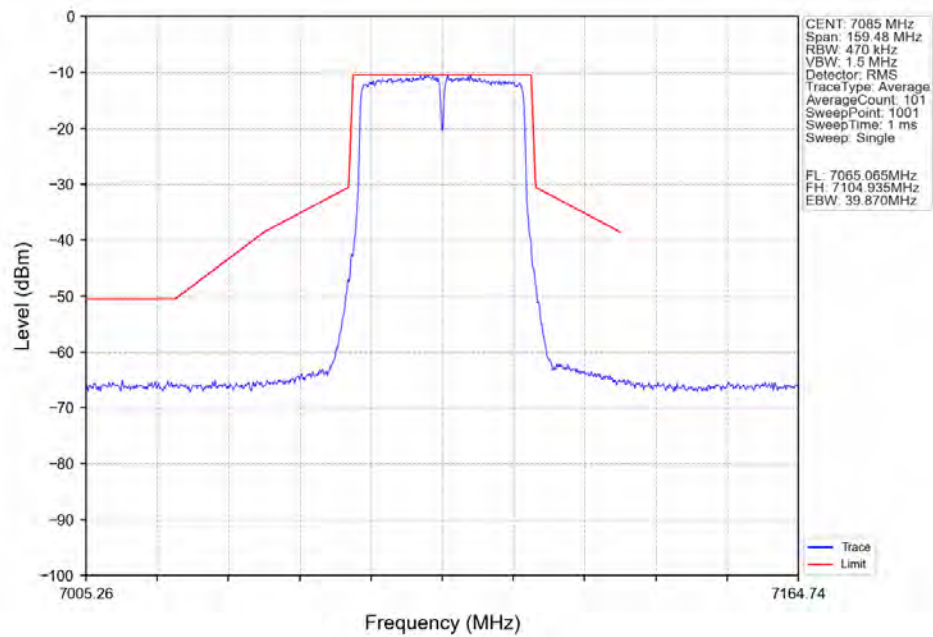
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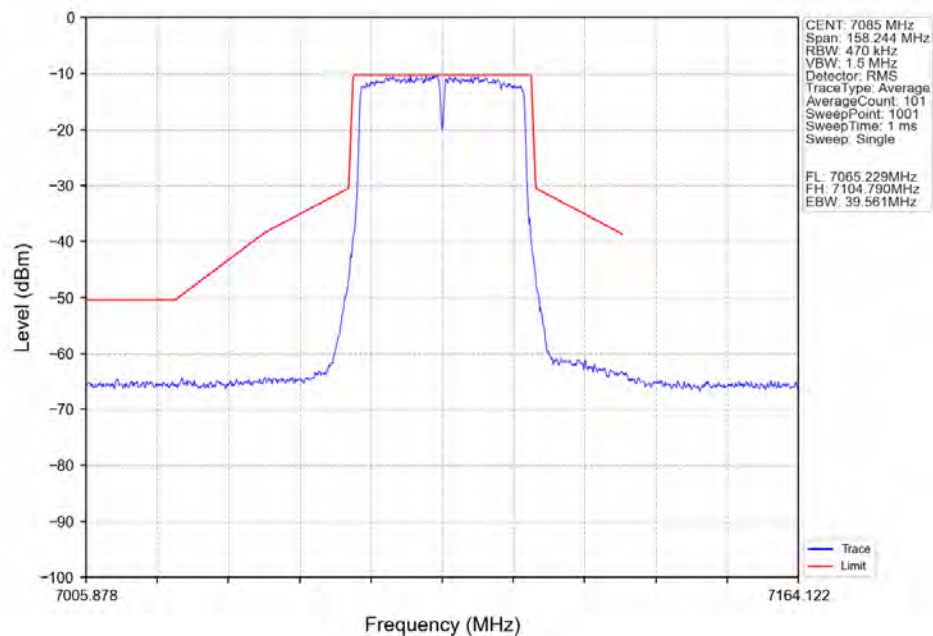
802.11ac(VHT40)_MCH_7005MHz_Ant2_NTNV



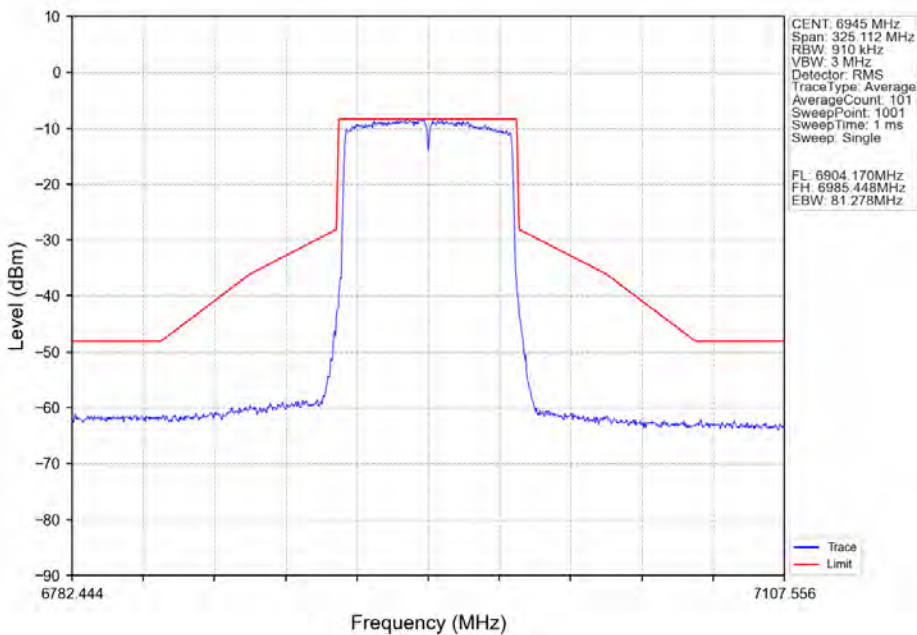
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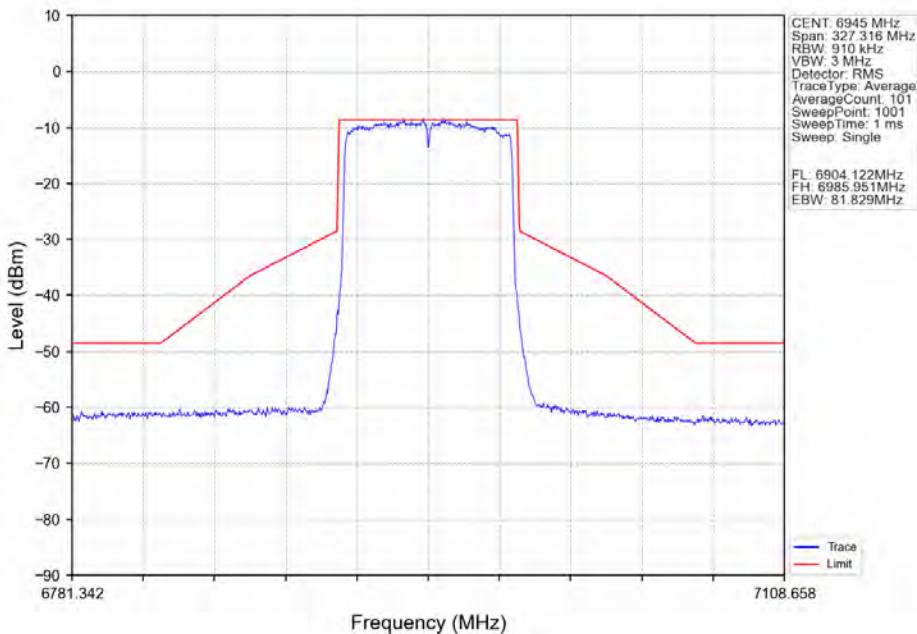
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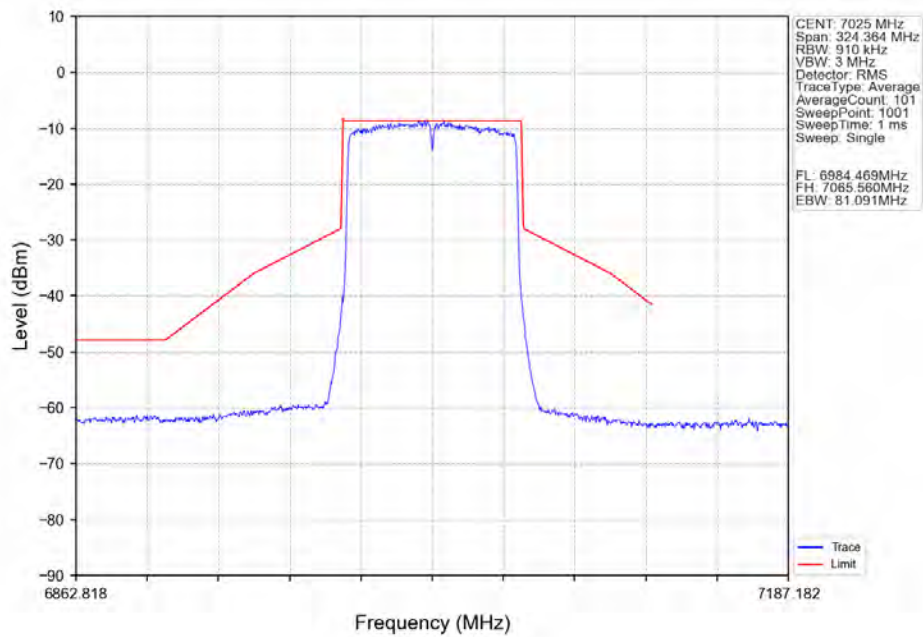
802.11ac(VHT80) LCH_6945MHz_Ant1_NTNV



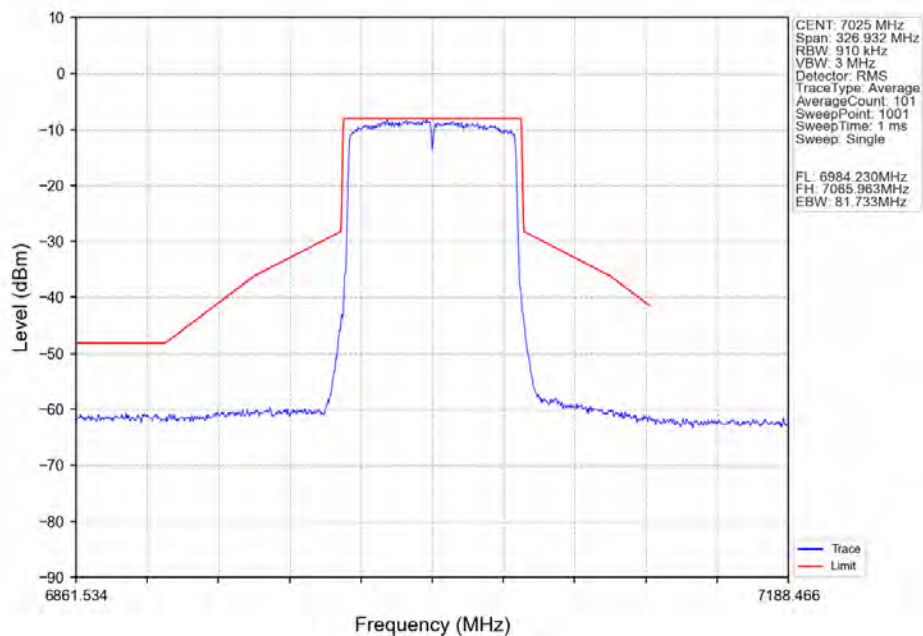
802.11ac(VHT80) LCH_6945MHz_Ant2_NTNV



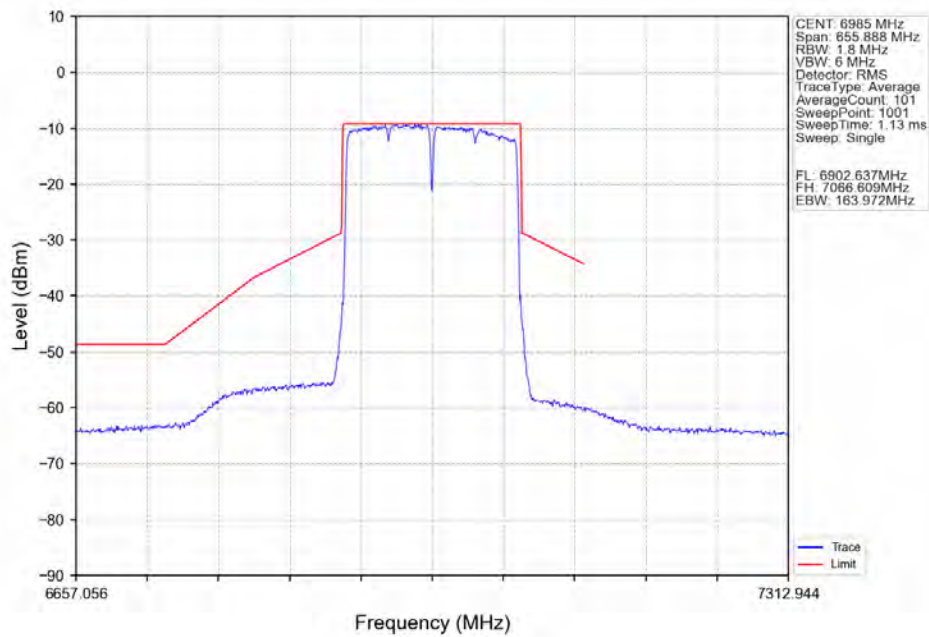
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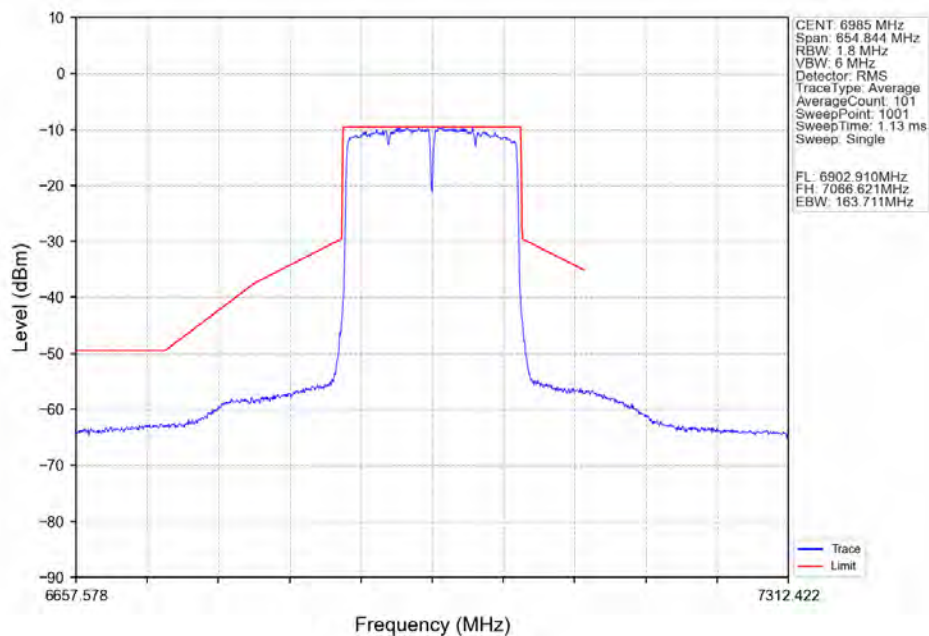
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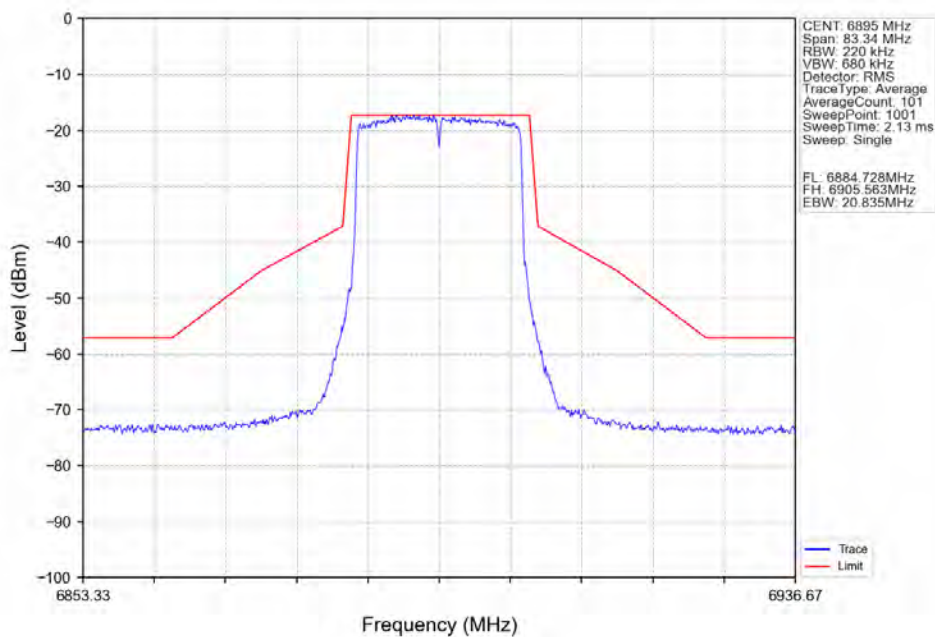
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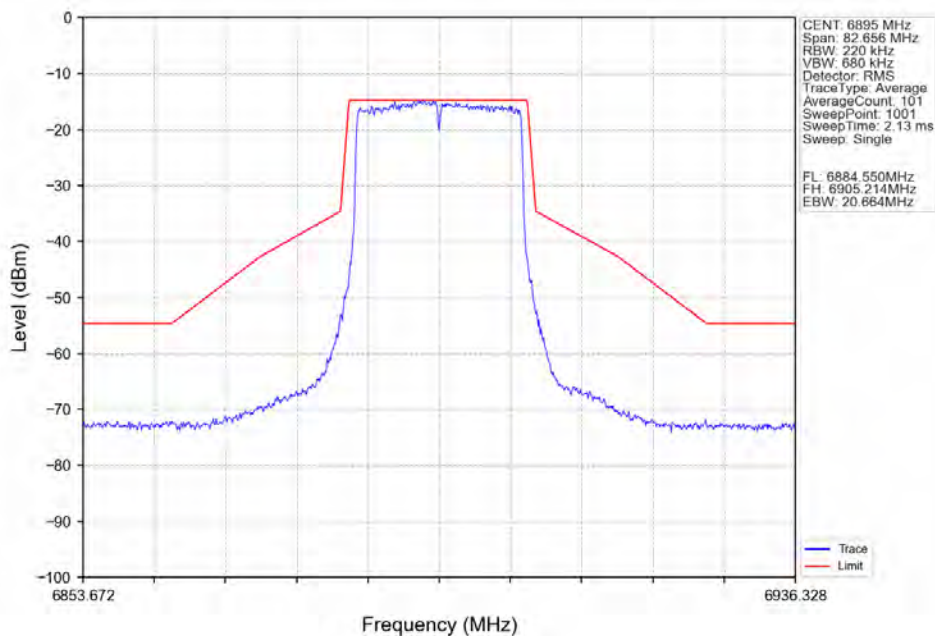
802.11ac(VHT160) MCH_6985MHz_Ant2_NTNV



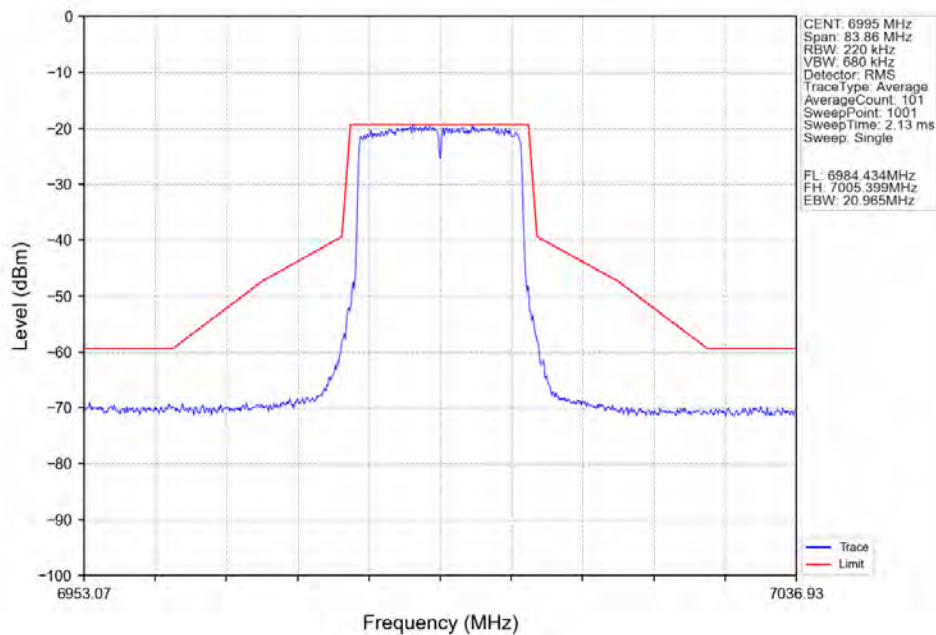
802.11ax(HEW20)_LCH_6895MHz_SU / Ant1_NTNV



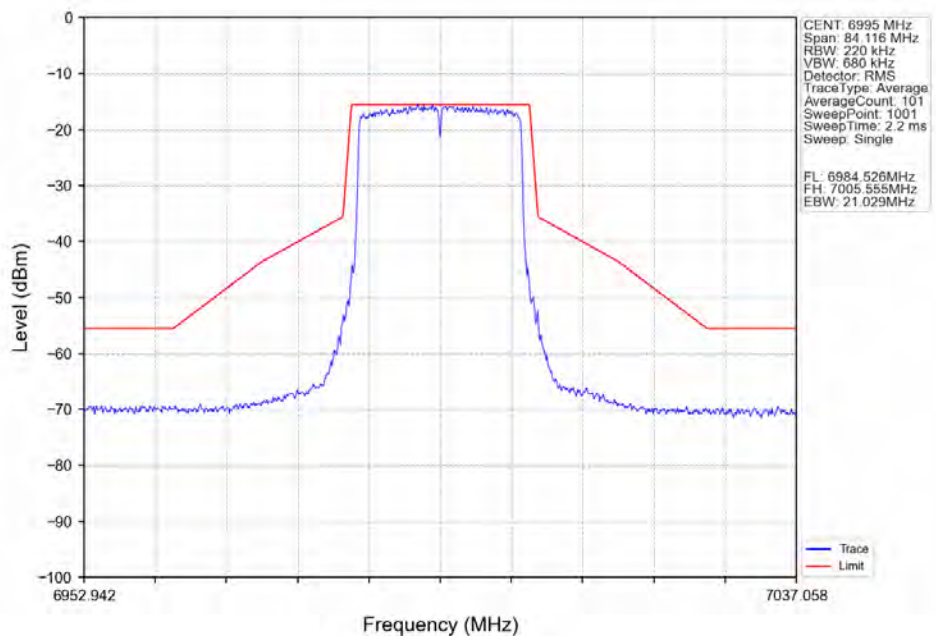
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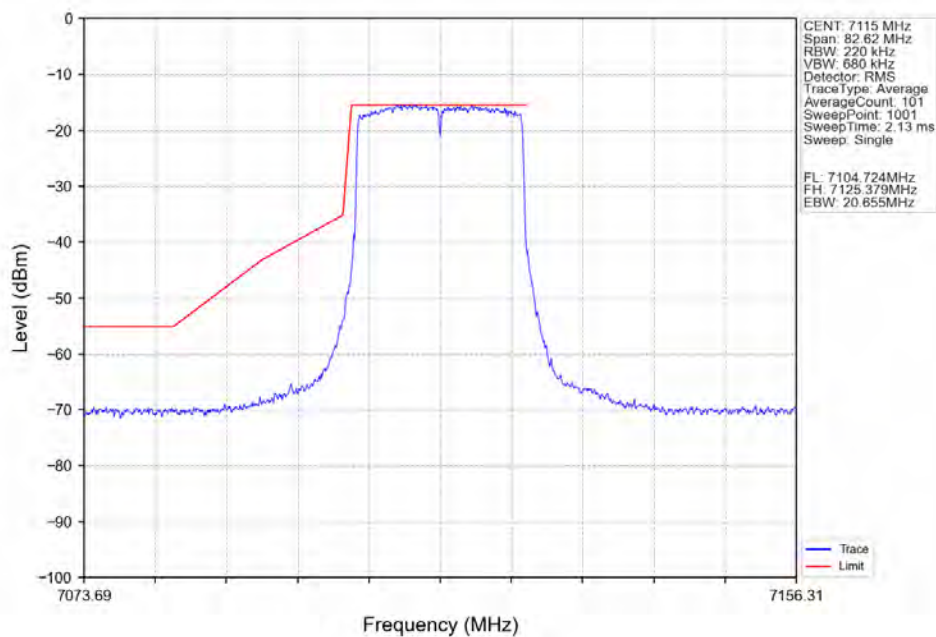
802.11ax(HEW20) MCH_6995MHz_SU / Ant1_NTNV



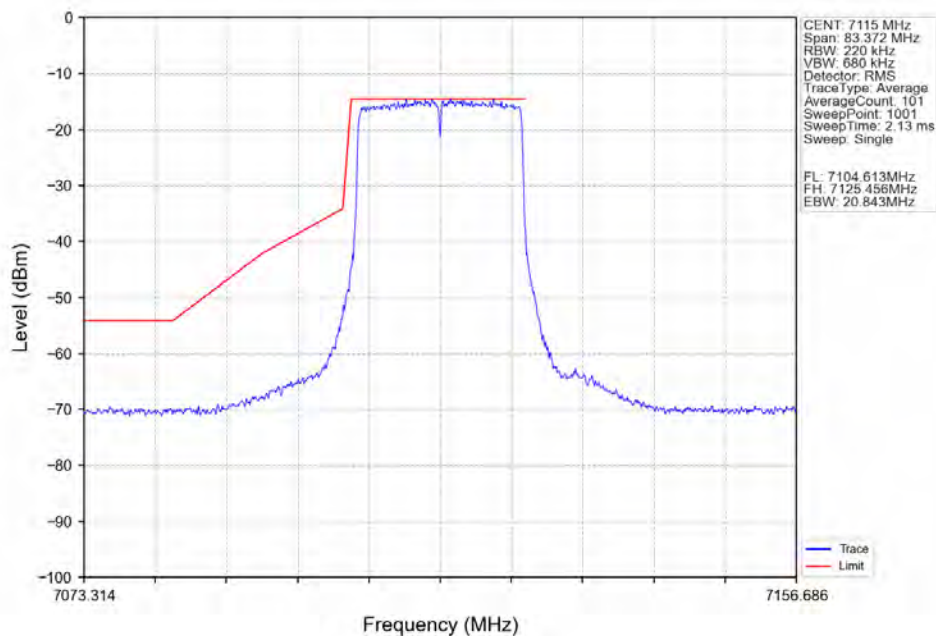
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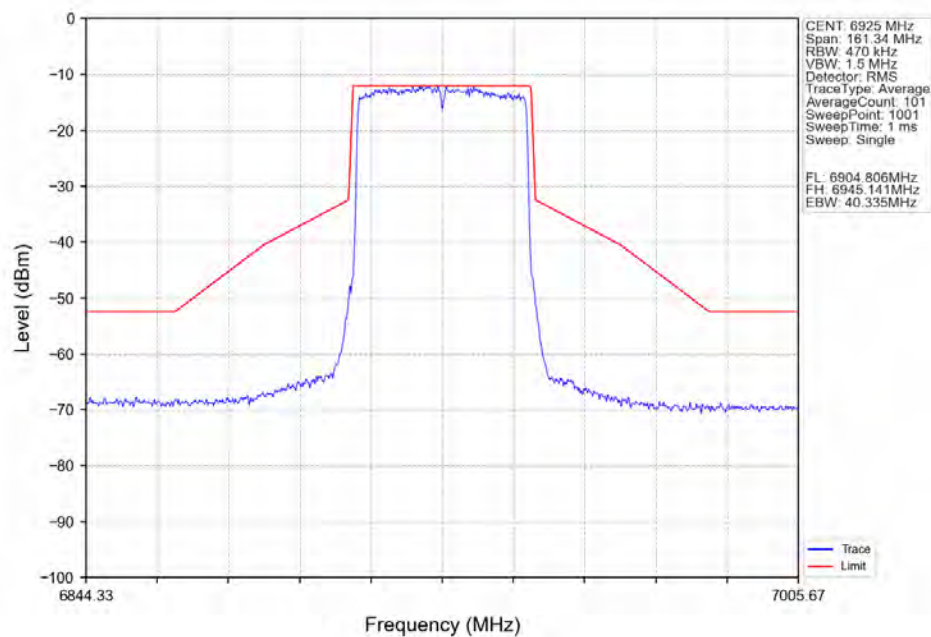
802.11ax(HEW20) HCH 7115MHz SU / Ant1 NTN



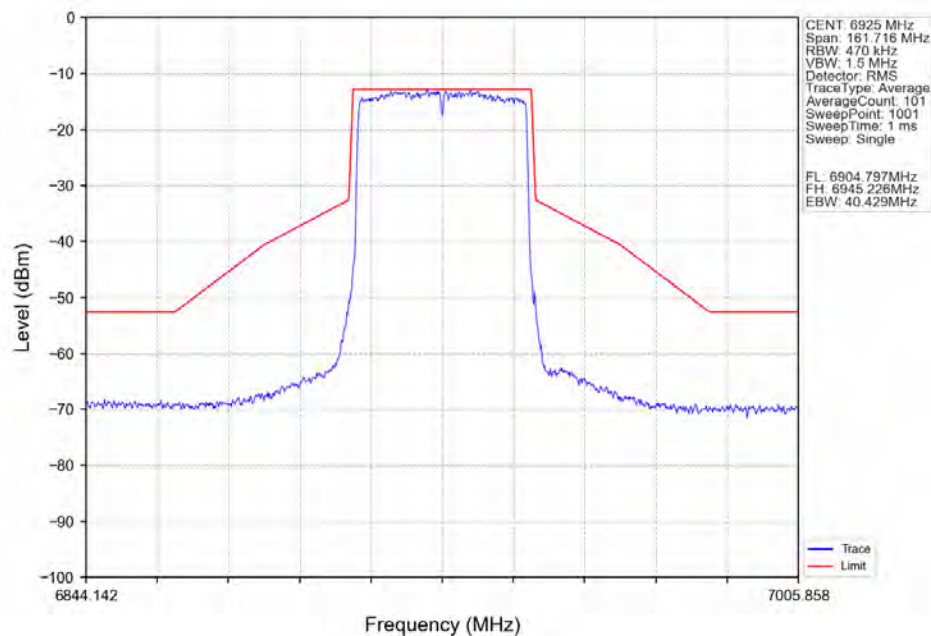
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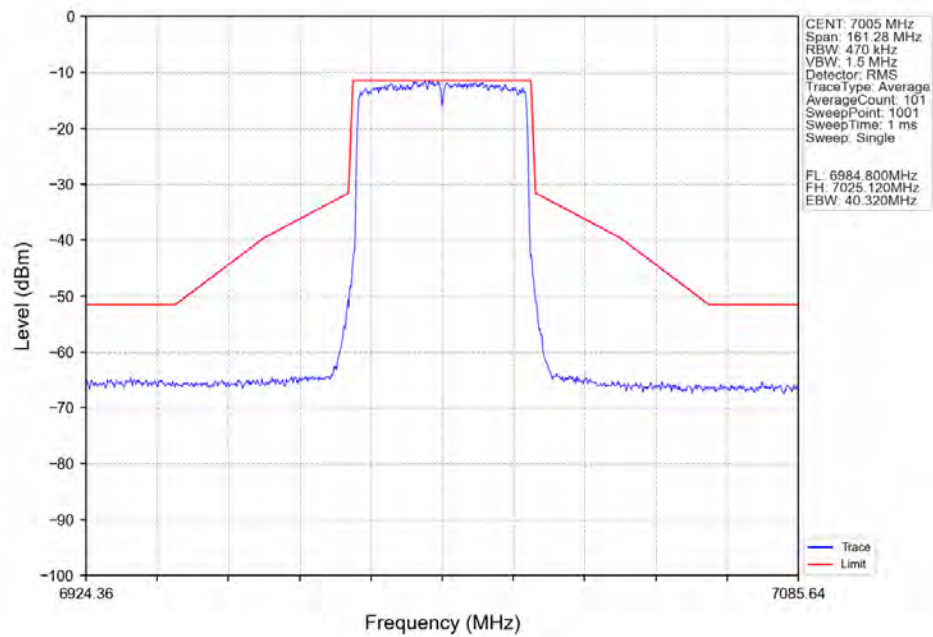
802.11ax(HEW40)_LCH_6925MHz_SU_ / Ant1_NTNV



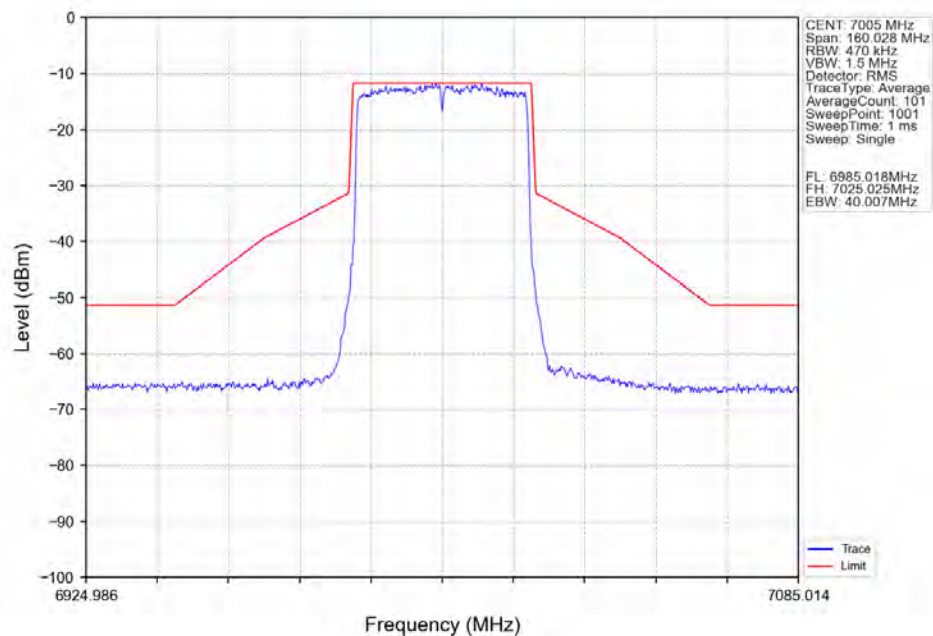
802.11ax(HEW40)_LCH_6925MHz_SU_ / Ant2_NTNV



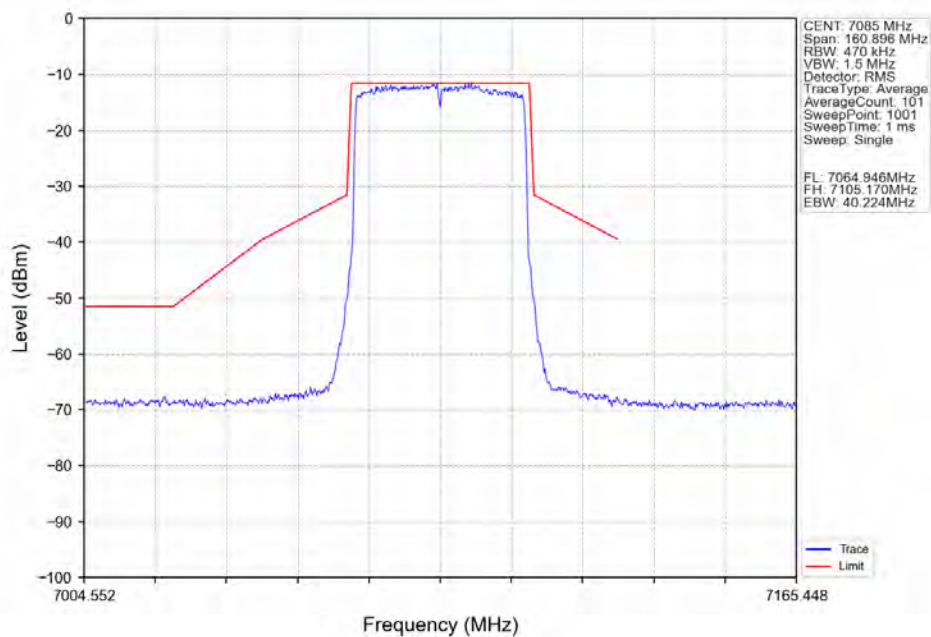
802.11ax(HEW40) MCH_7005MHz_SU / Ant1 NTN



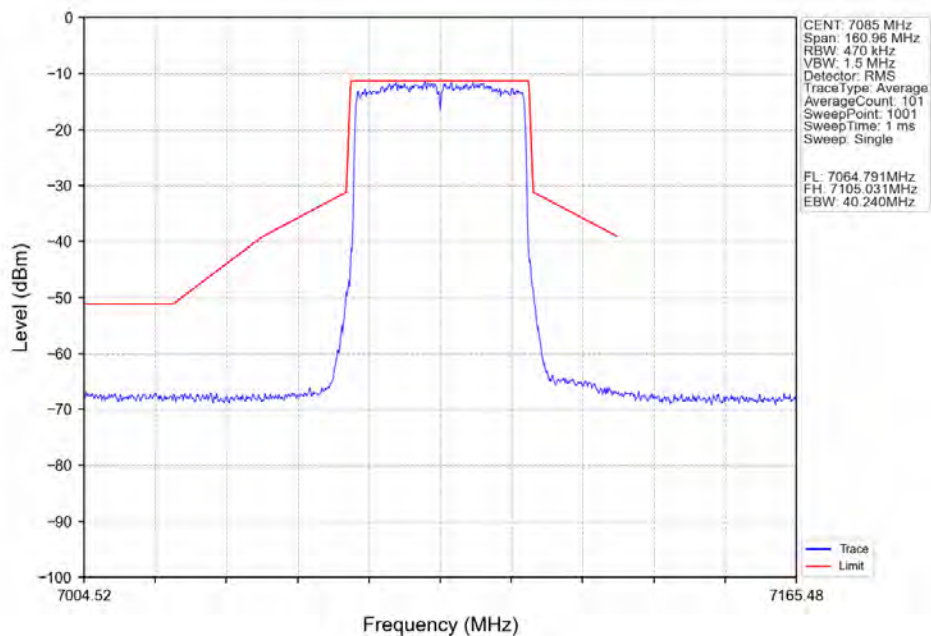
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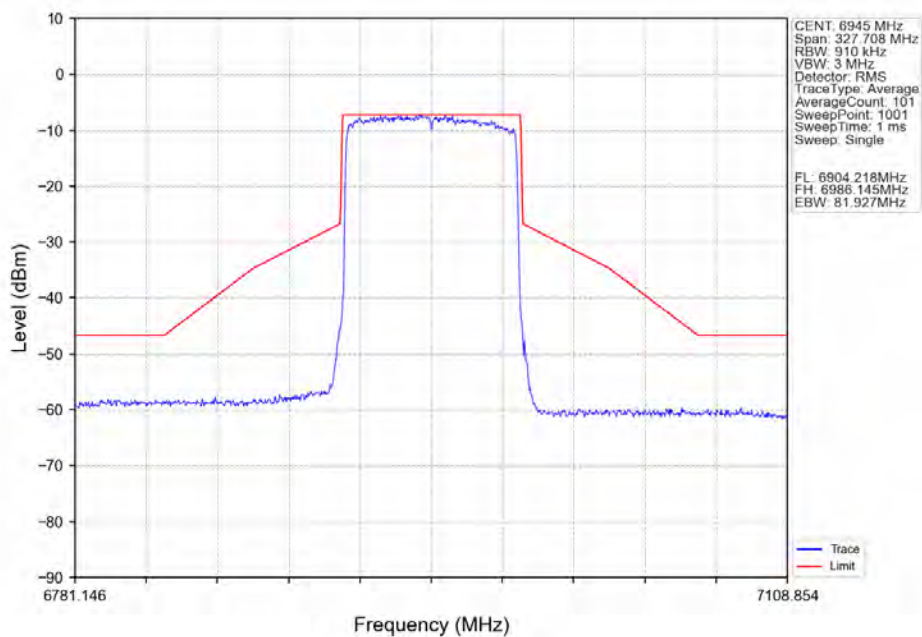
802.11ax(HEW40) HCH 7085MHz SU / Ant1 NTN



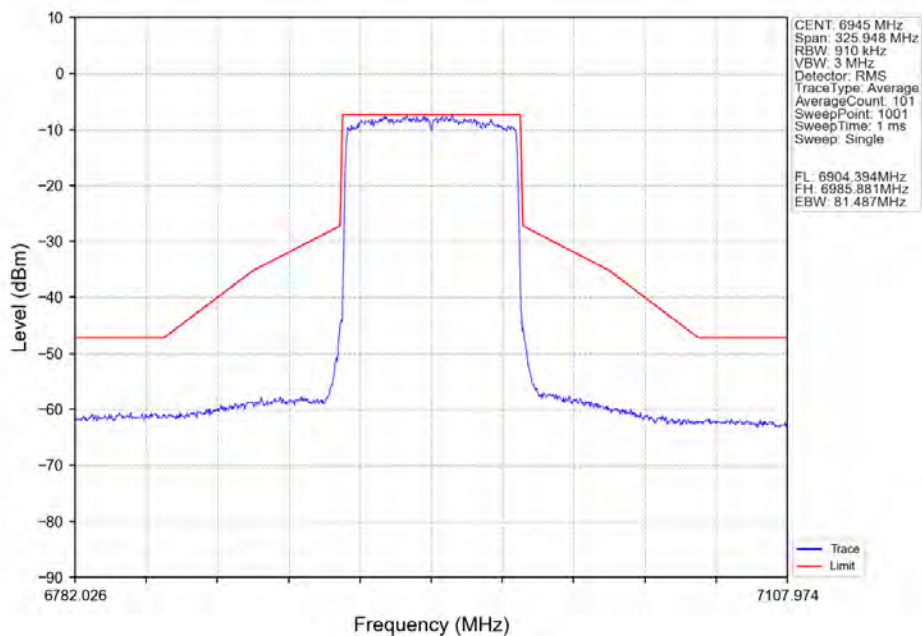
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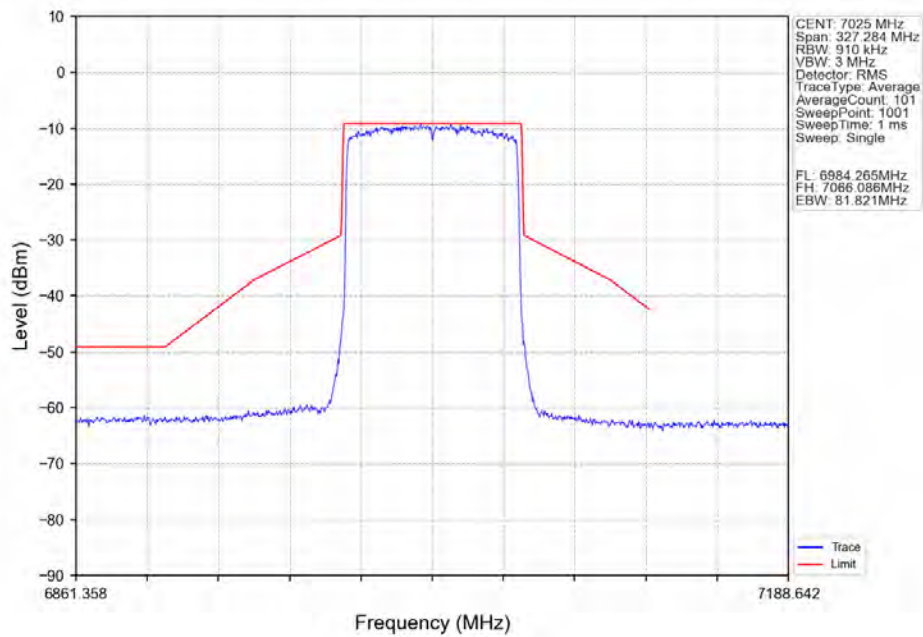
802.11ax(HEW80)_LCH_6945MHz_SU / Ant1_NTNV



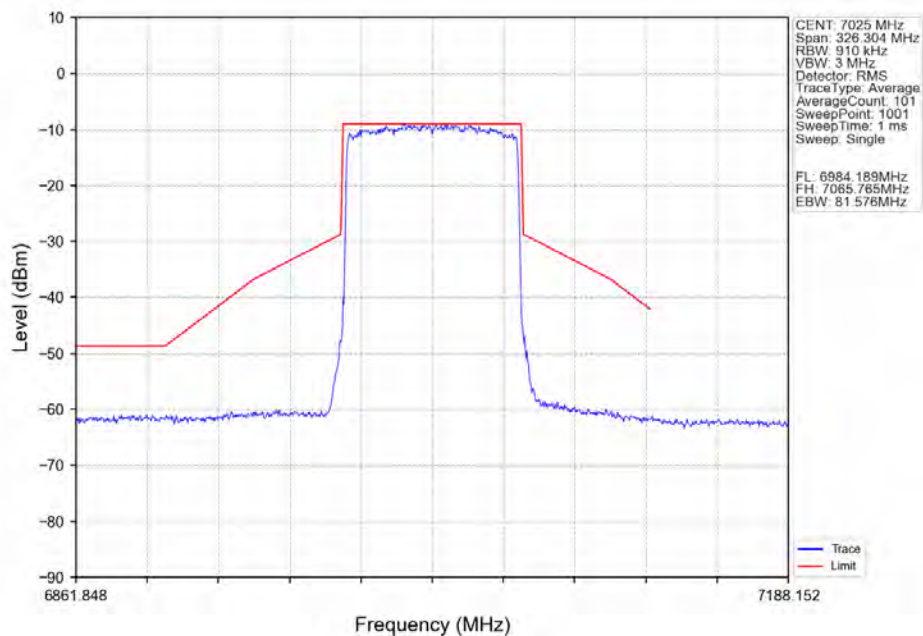
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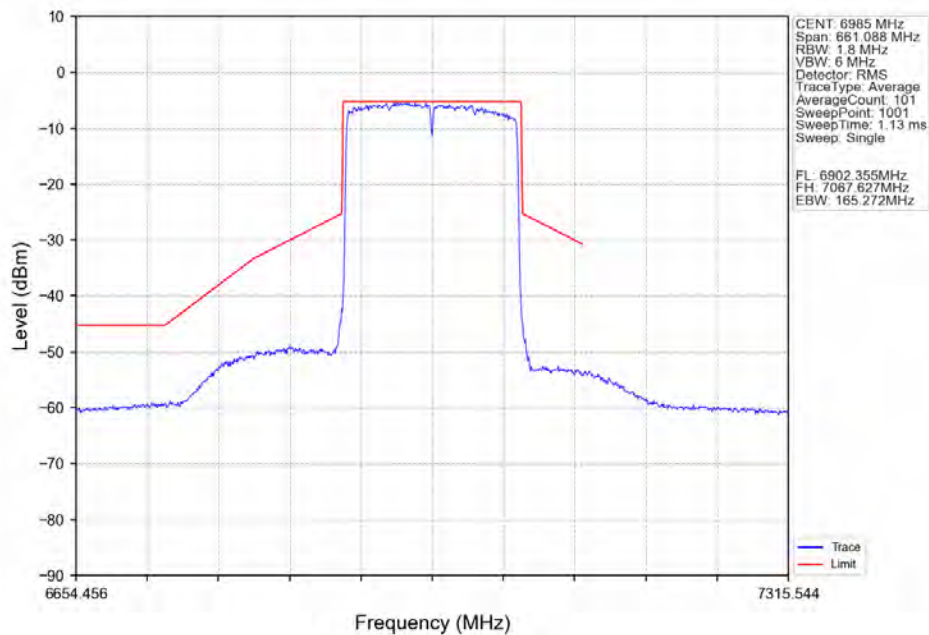
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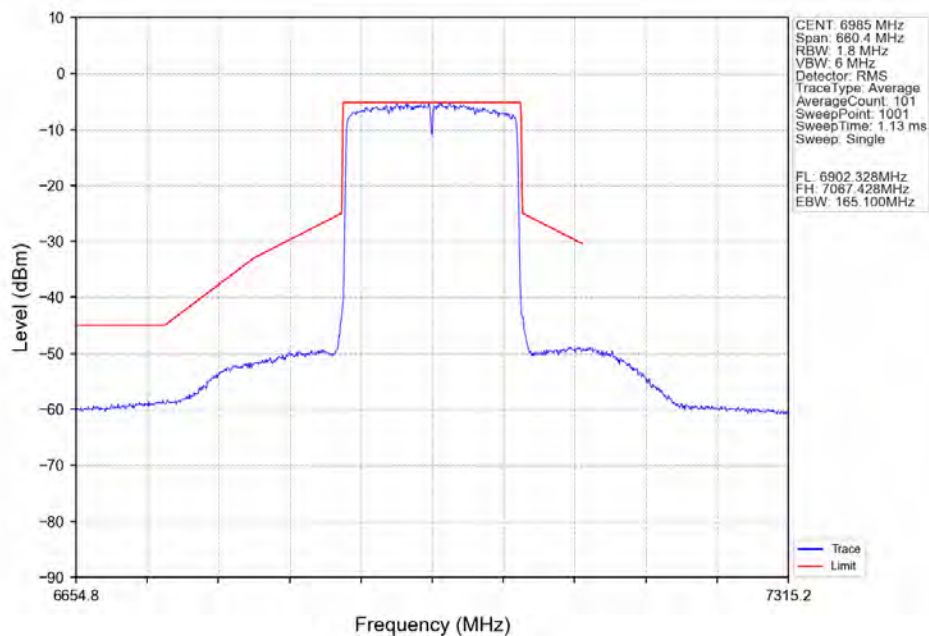
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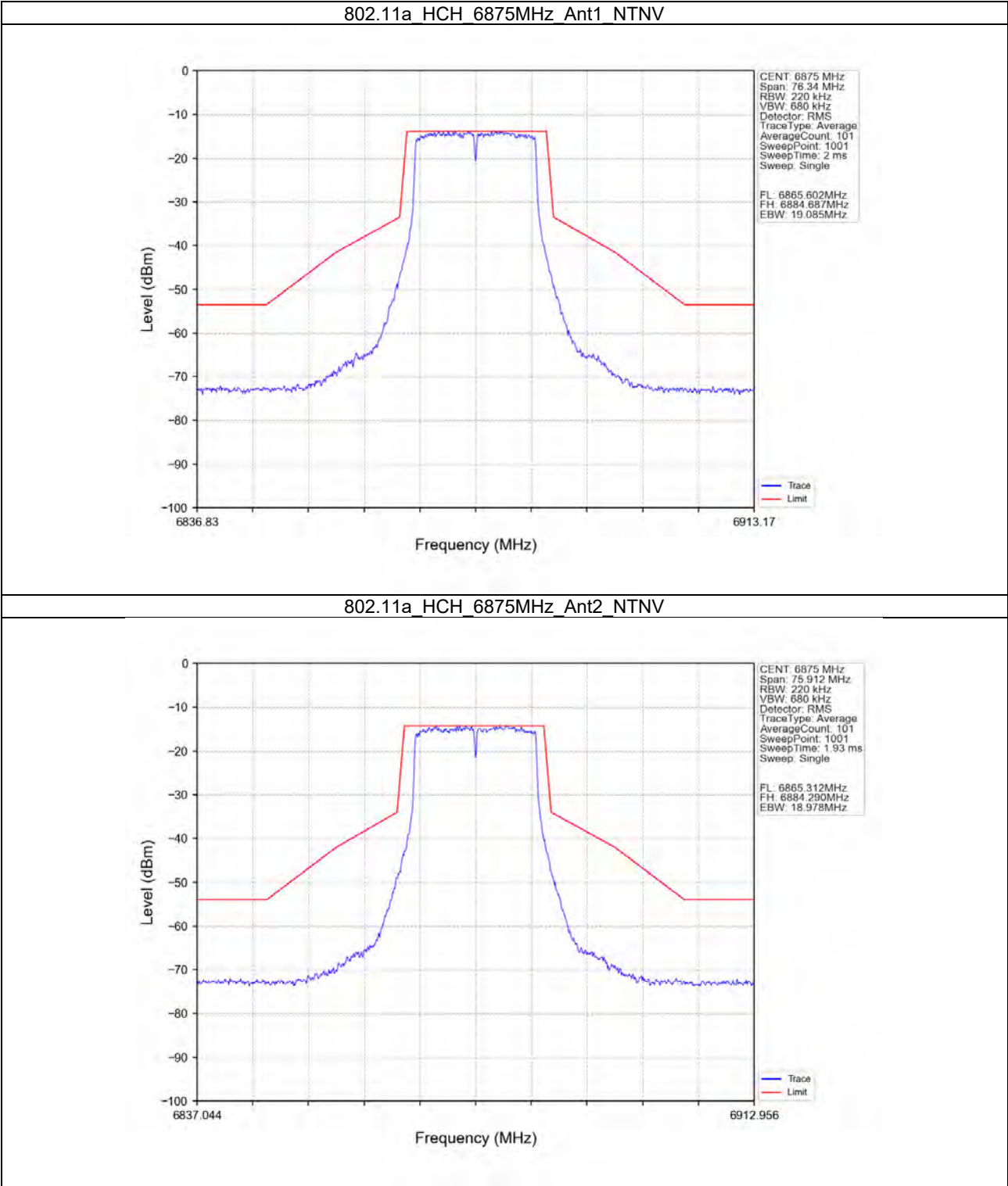
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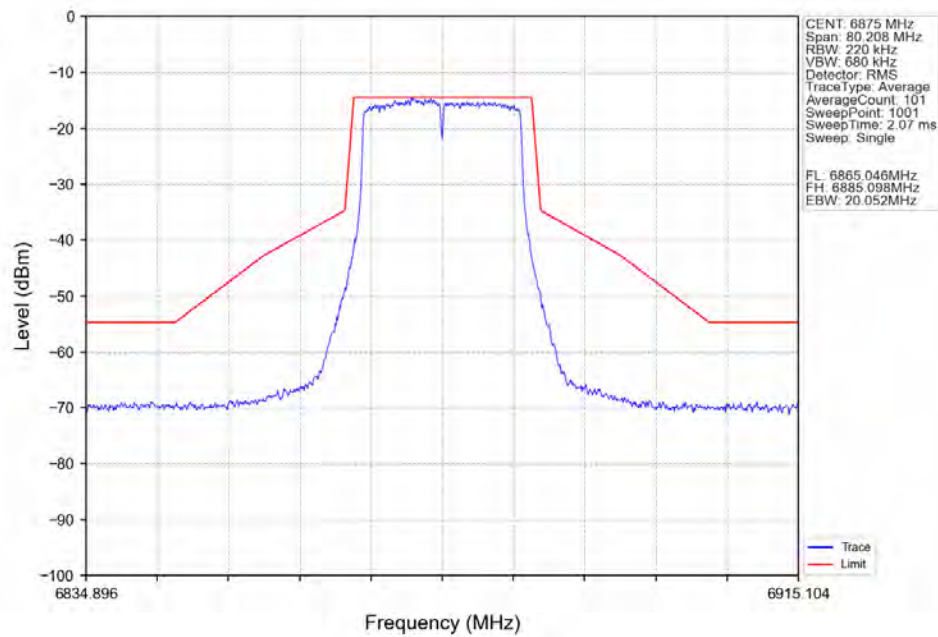
802.11ax(HEW160) MCH 6985MHz SU / Ant2 NTN



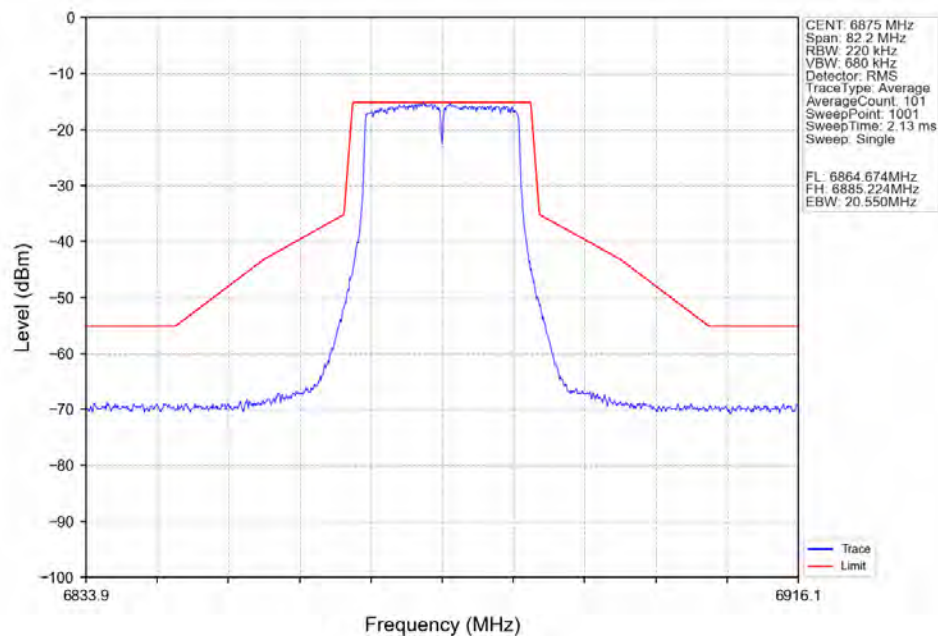
5.2.5 EMask



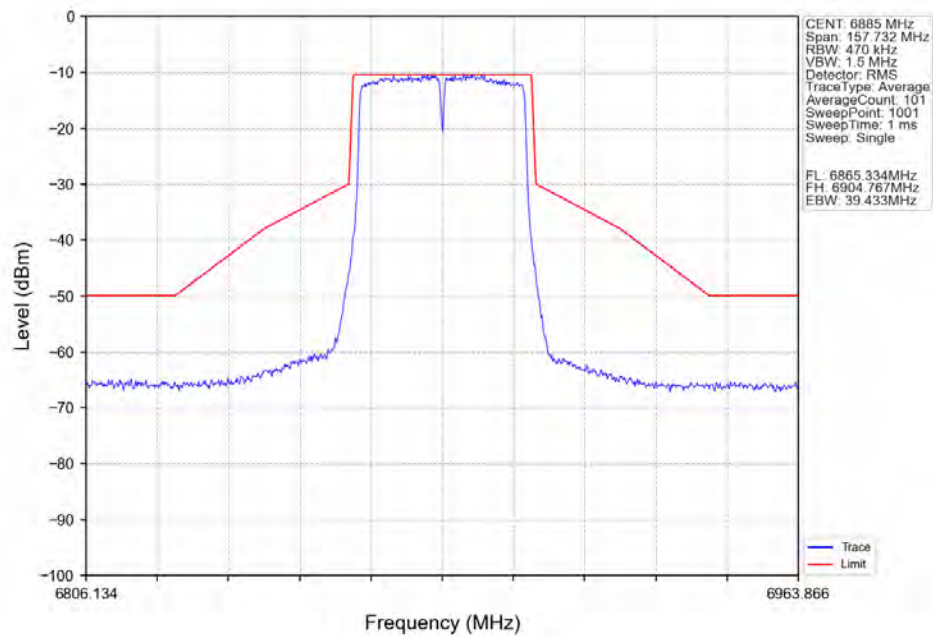
802.11n(HT20) HCH 6875MHz Ant1 NTN



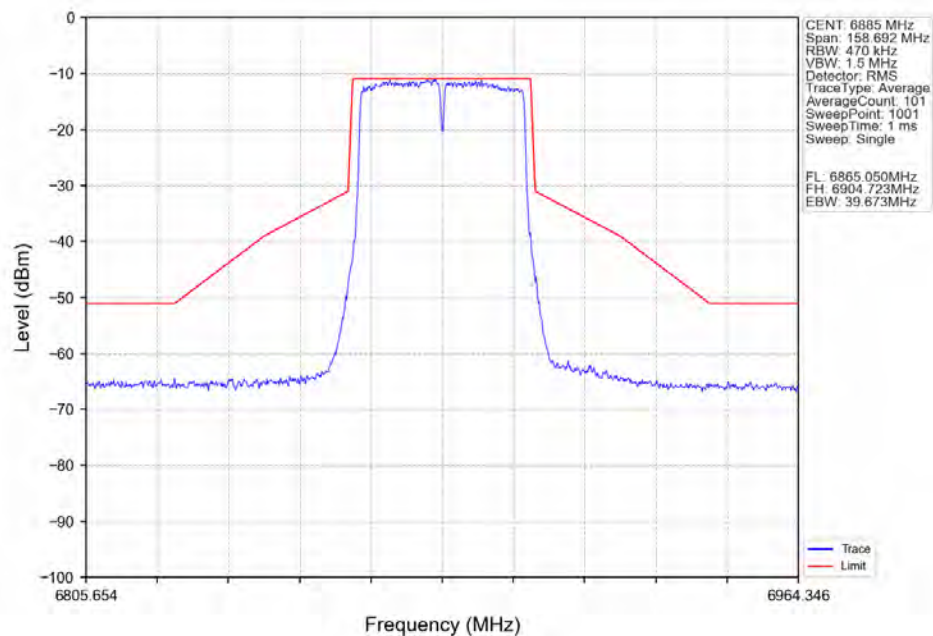
802.11n(HT20) HCH 6875MHz Ant2 NTN



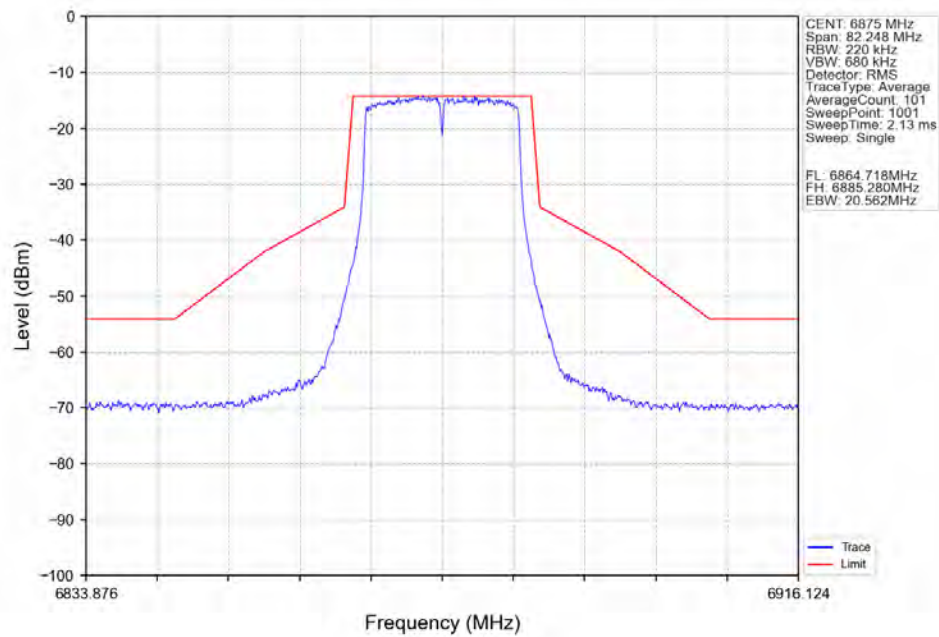
802.11n(HT40) HCH 6885MHz Ant1 NTN



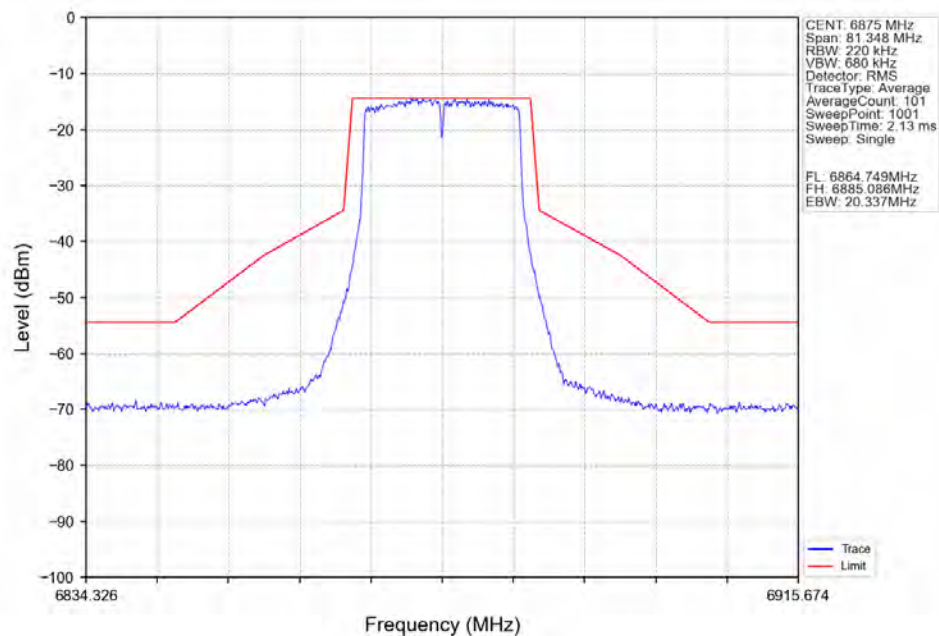
802.11n(HT40) HCH 6885MHz Ant2 NTN



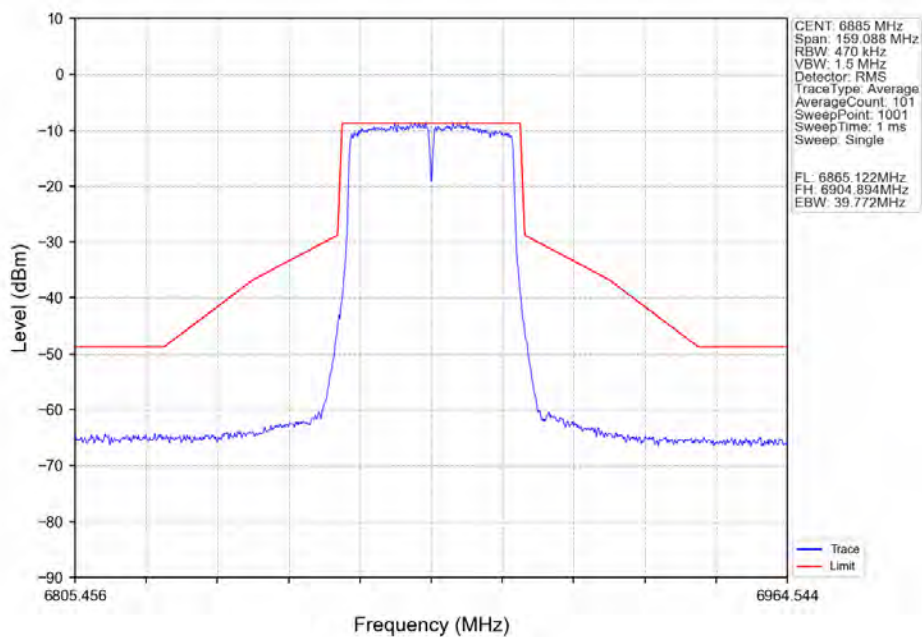
802.11ac(VHT20) HCH 6875MHz Ant1 NTN



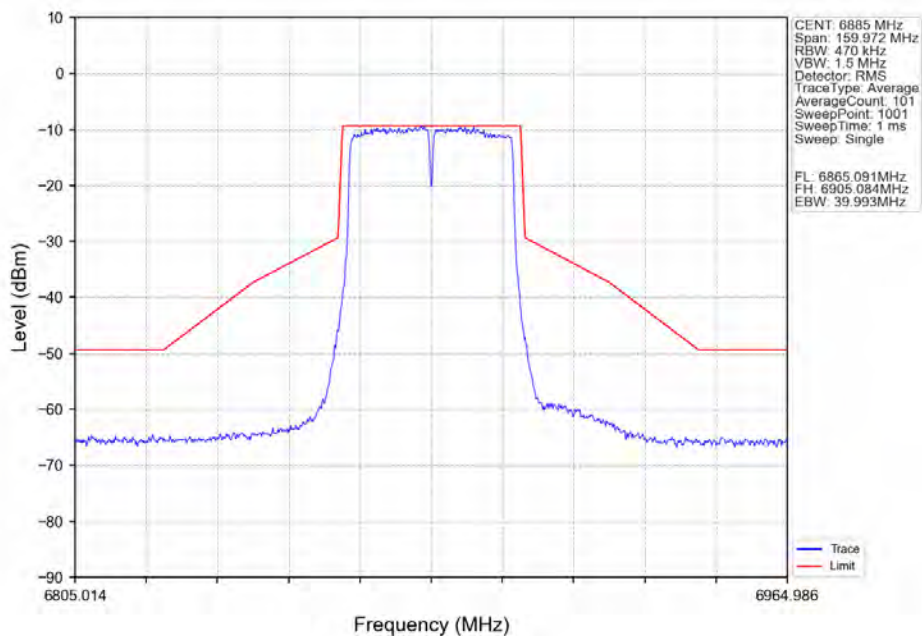
802.11ac(VHT20) HCH 6875MHz Ant2 NTN



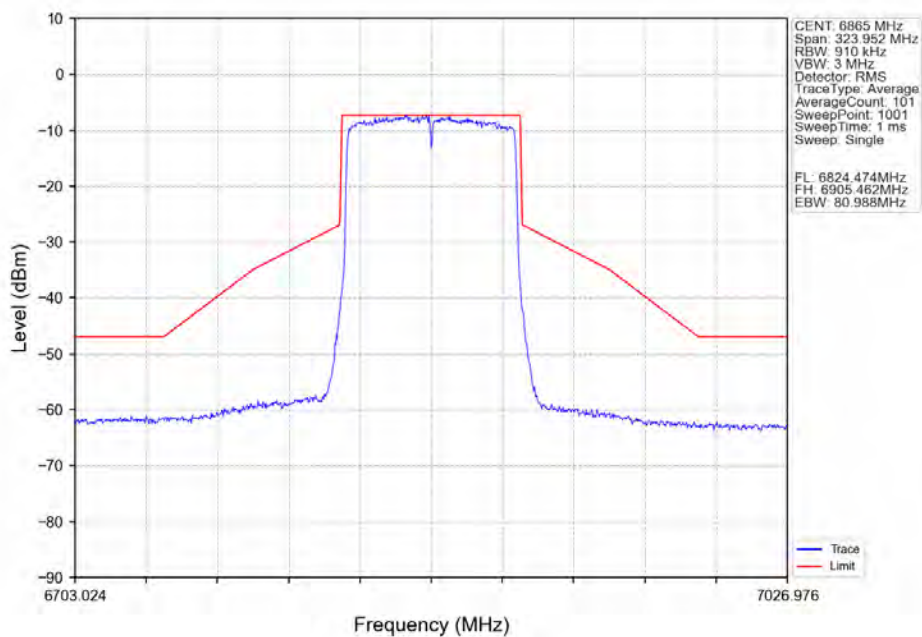
802.11ac(VHT40) HCH 6885MHz Ant1 NTN



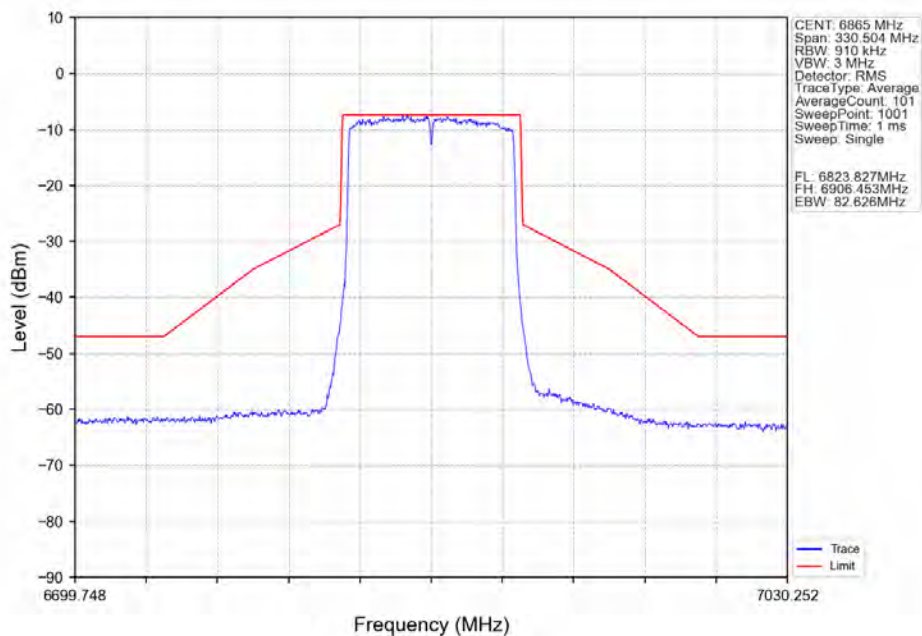
802.11ac(VHT40) HCH 6885MHz Ant2 NTN



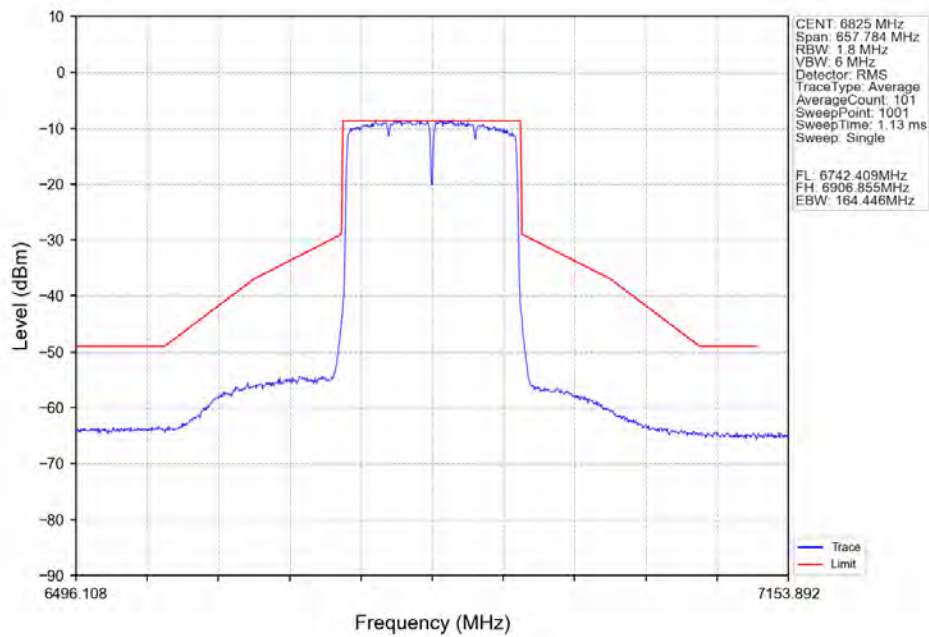
802.11ac(VHT80) HCH 6865MHz Ant1 NTN



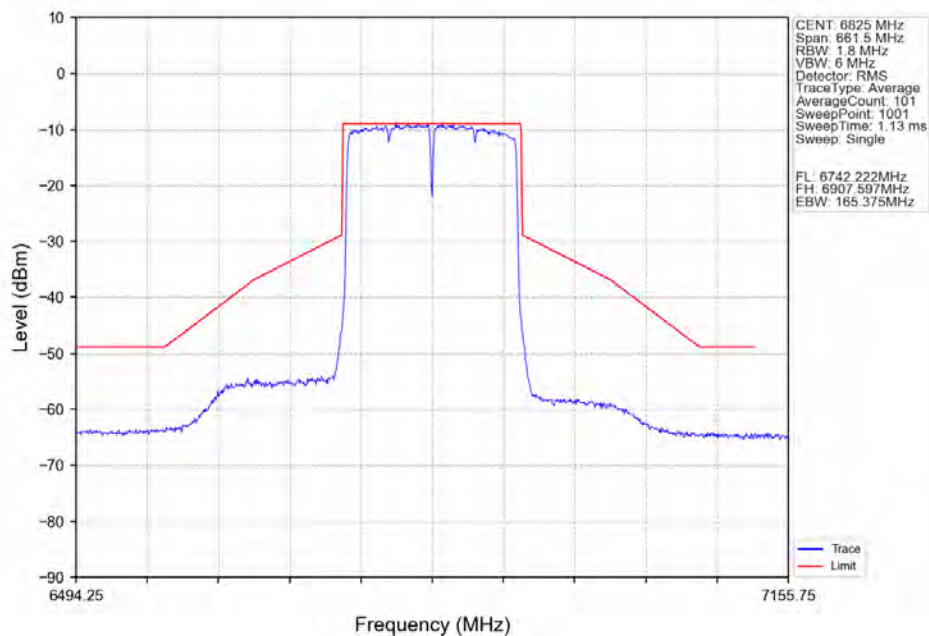
802.11ac(VHT80) HCH 6865MHz Ant2 NTN



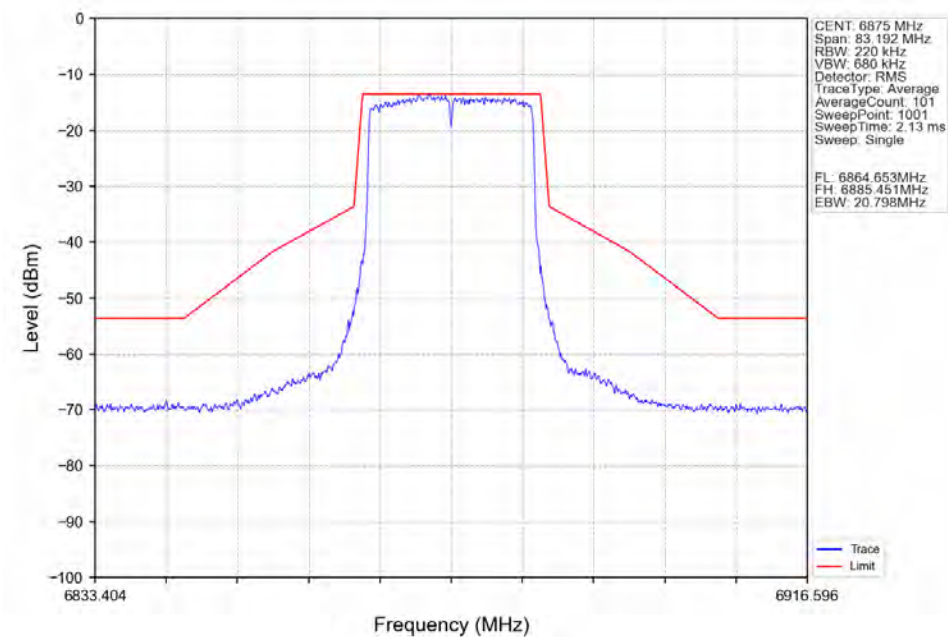
802.11ac(VHT160) HCH_6825MHz_Ant1_NTNV



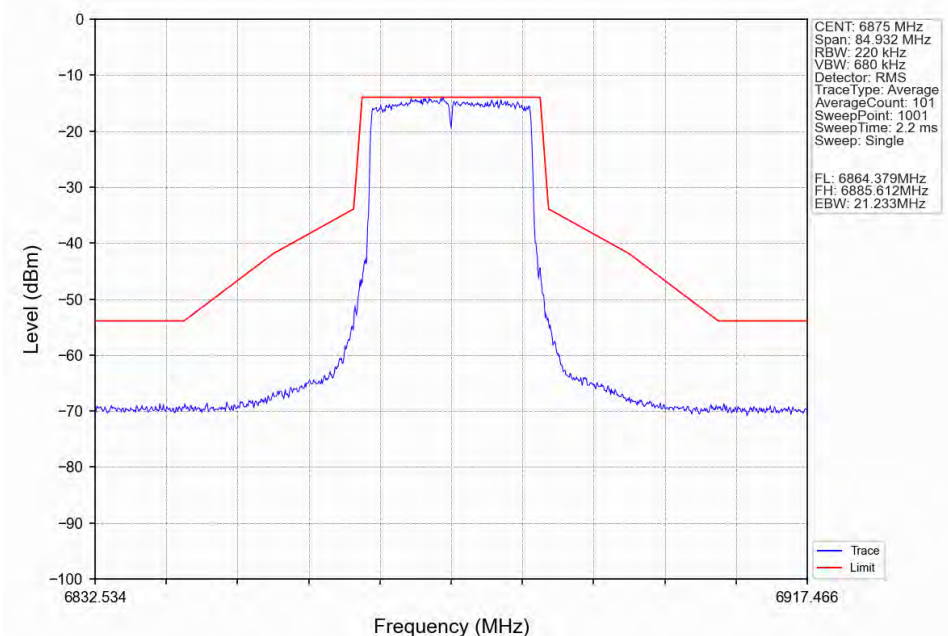
802.11ac(VHT160) HCH_6825MHz_Ant2_NTNV



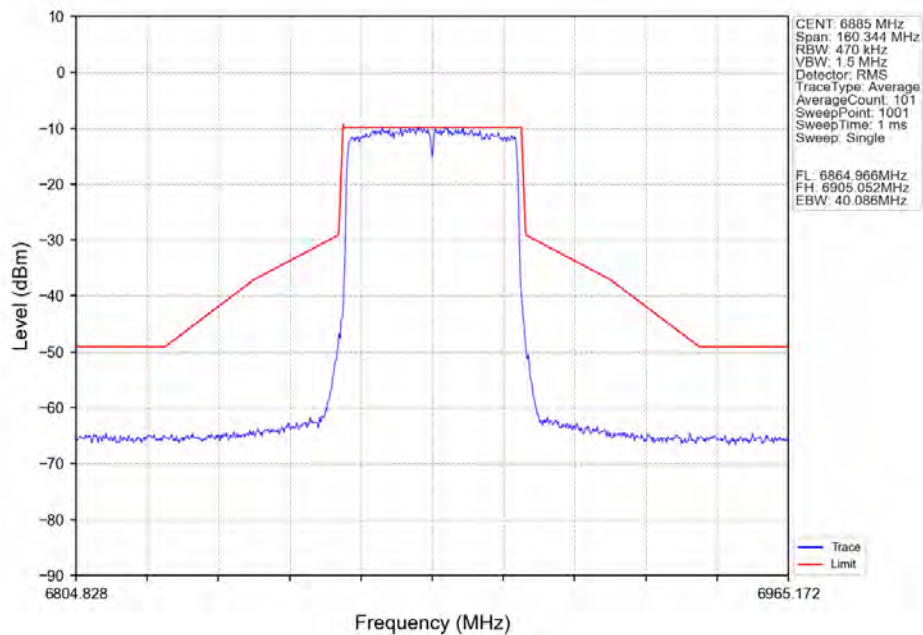
802.11ax(HEW20) HCH 6875MHz SU / Ant1 NTN



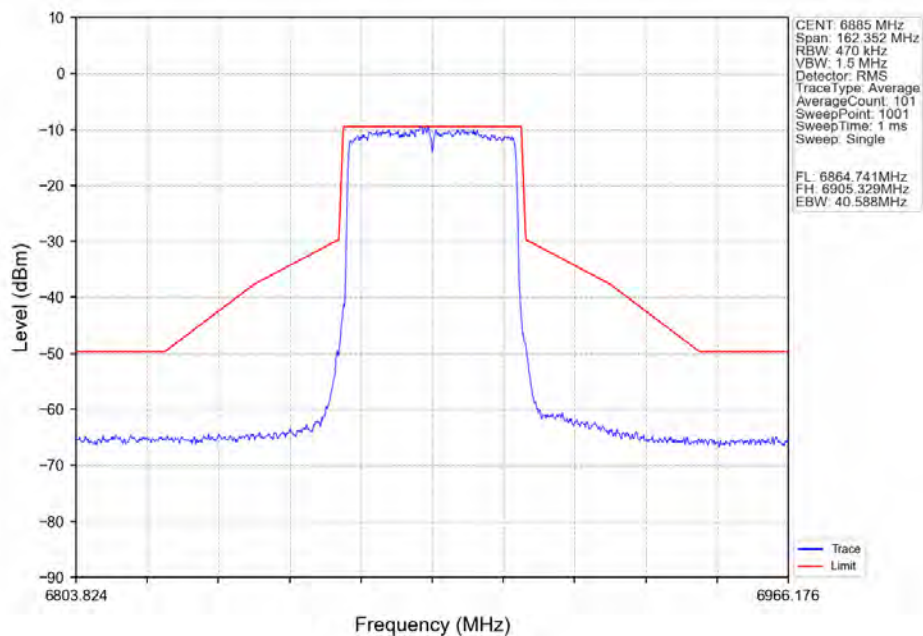
802.11ax(HEW20) HCH 6875MHz SU / Ant2 NTN



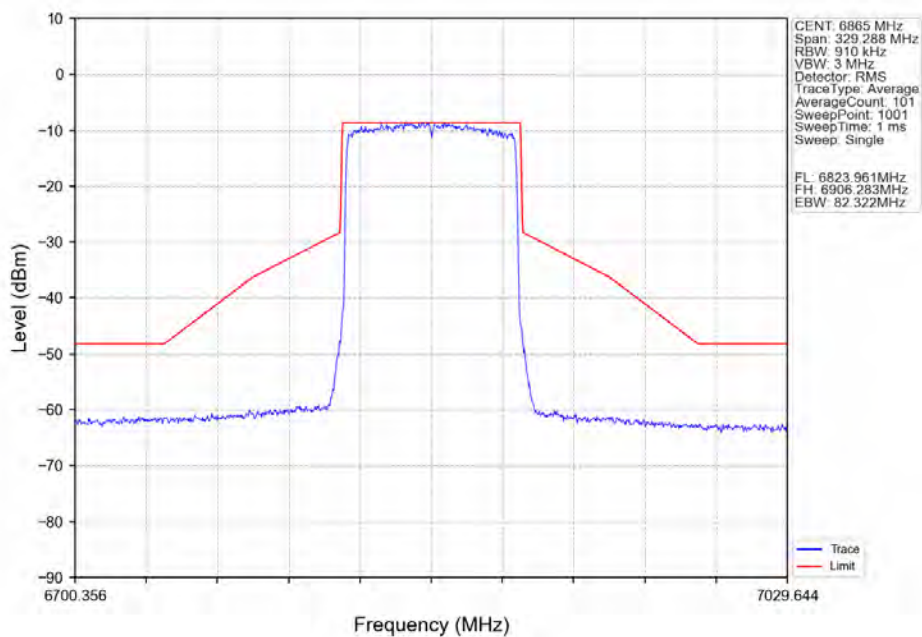
802.11ax(HEW40) HCH 6885MHz SU / Ant1 NTN



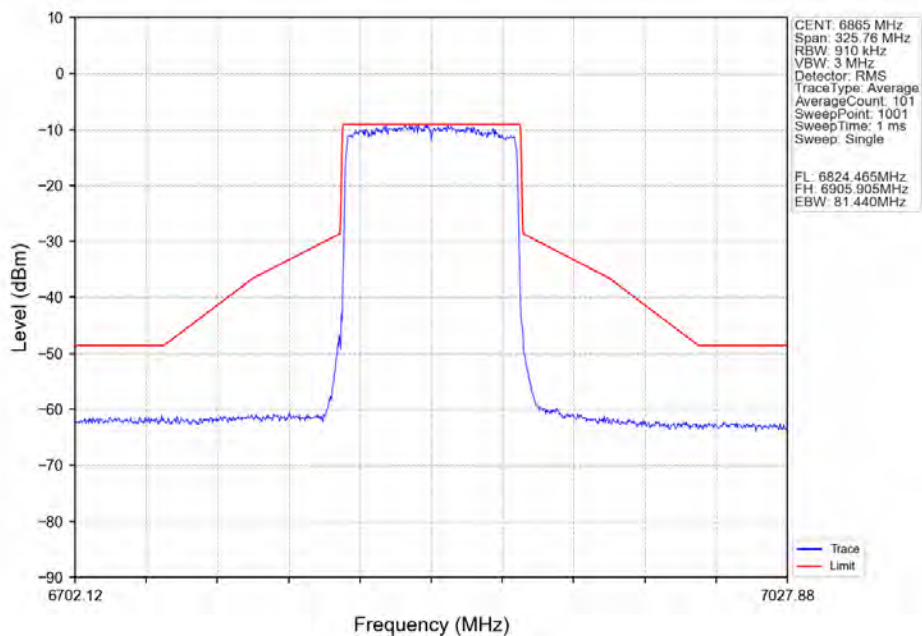
802.11ax(HEW40) HCH 6885MHz SU / Ant2 NTN



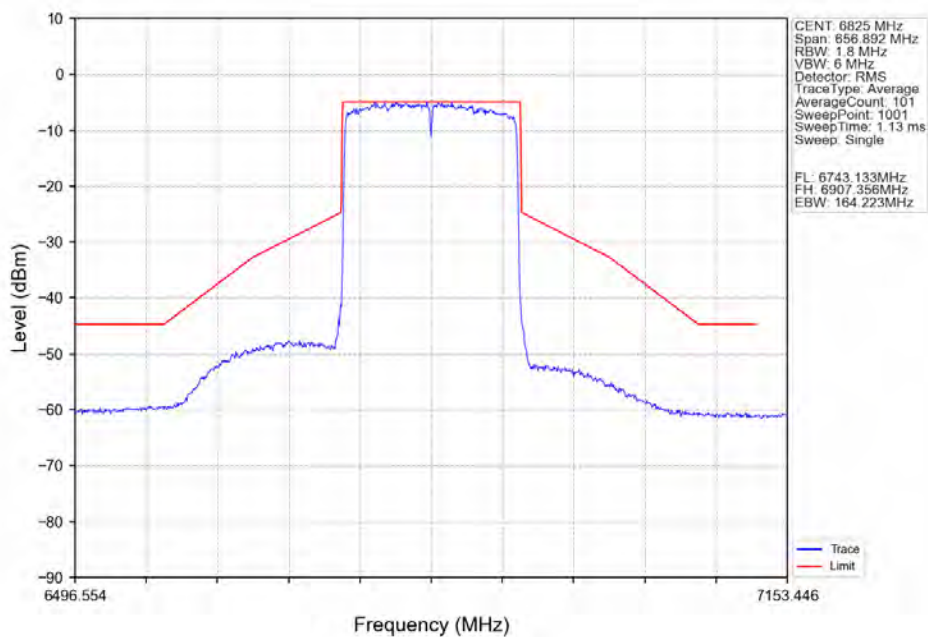
802.11ax(HEW80) HCH 6865MHz SU / Ant1 NTN



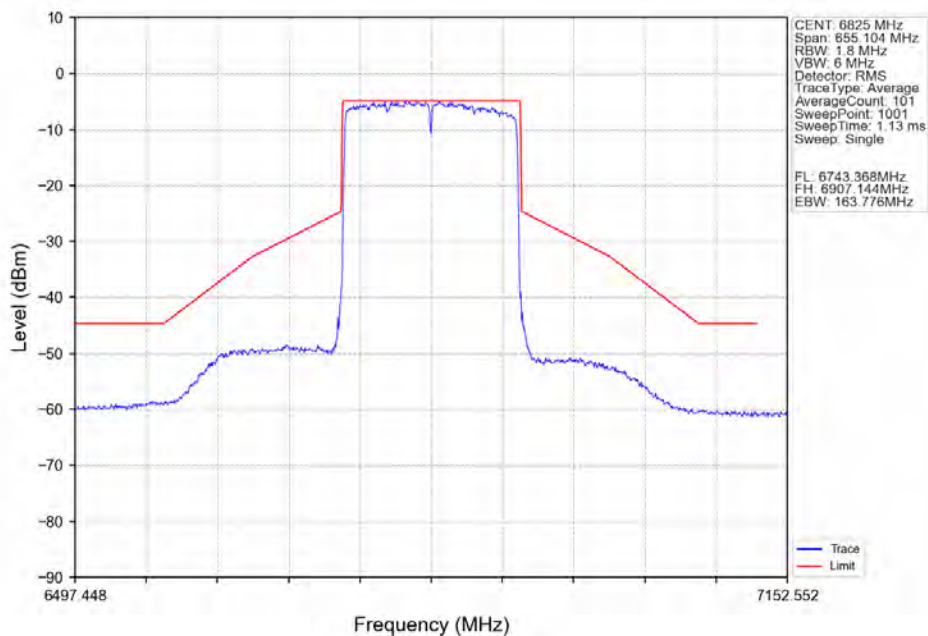
802.11ax(HEW80) HCH 6865MHz SU / Ant2 NTN



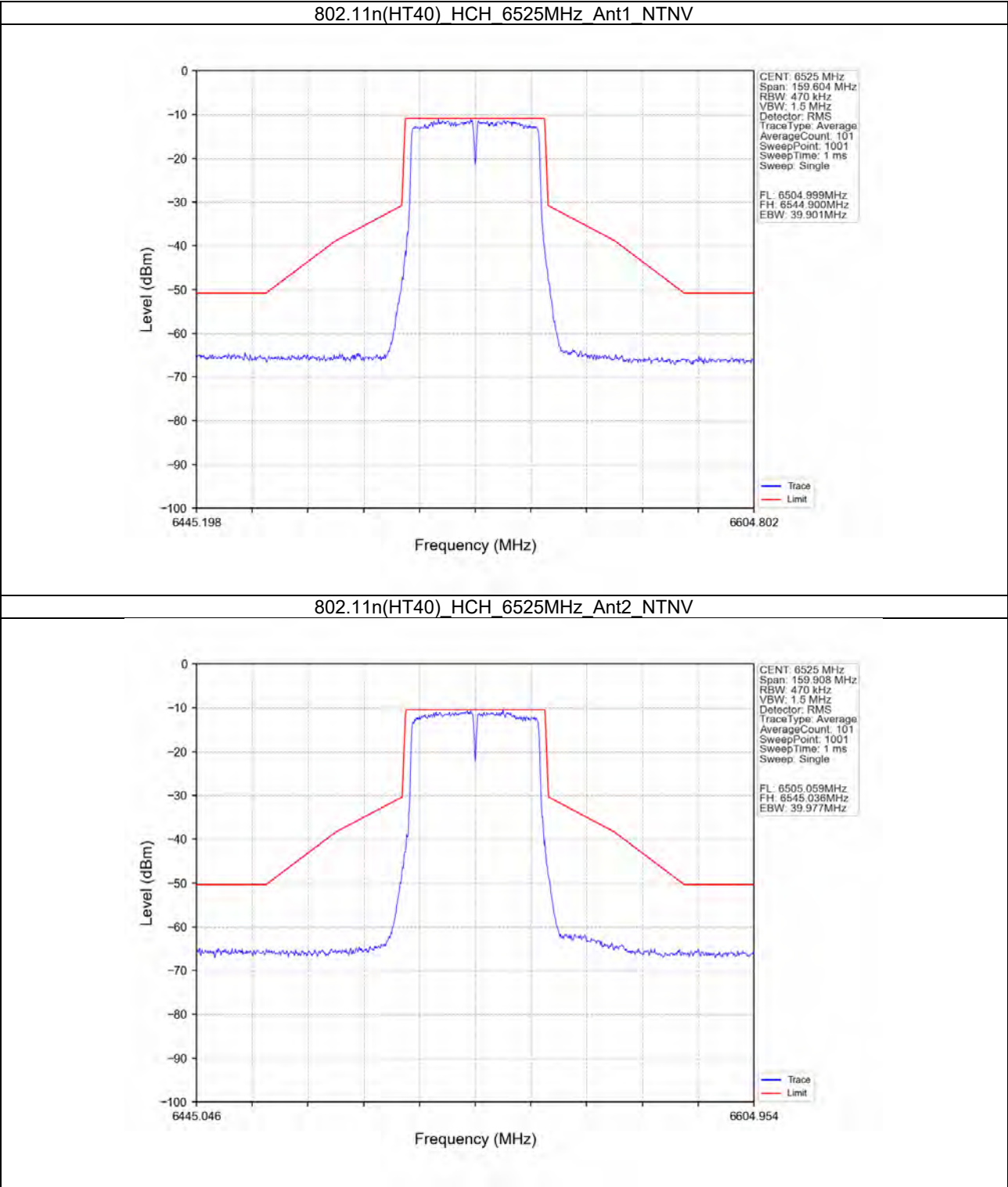
802.11ax(HEW160) HCH 6825MHz SU / Ant1 NTN



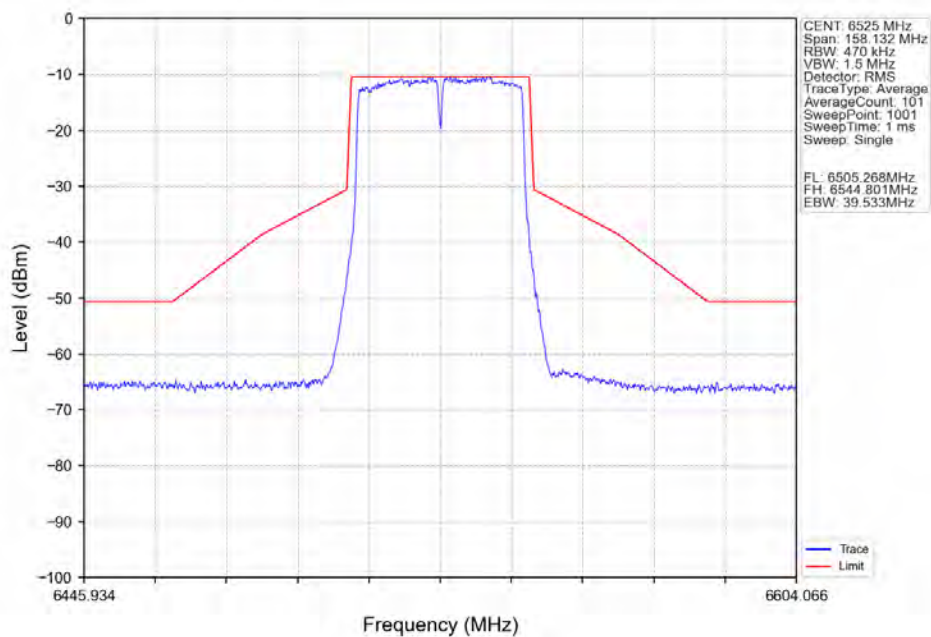
802.11ax(HEW160) HCH 6825MHz SU / Ant2 NTN



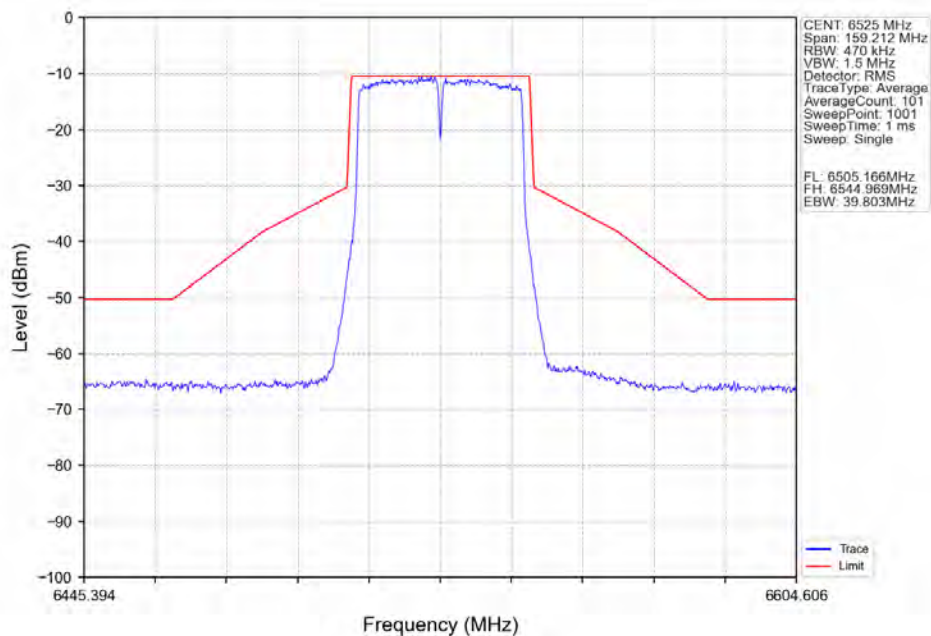
5.2.6 EMask



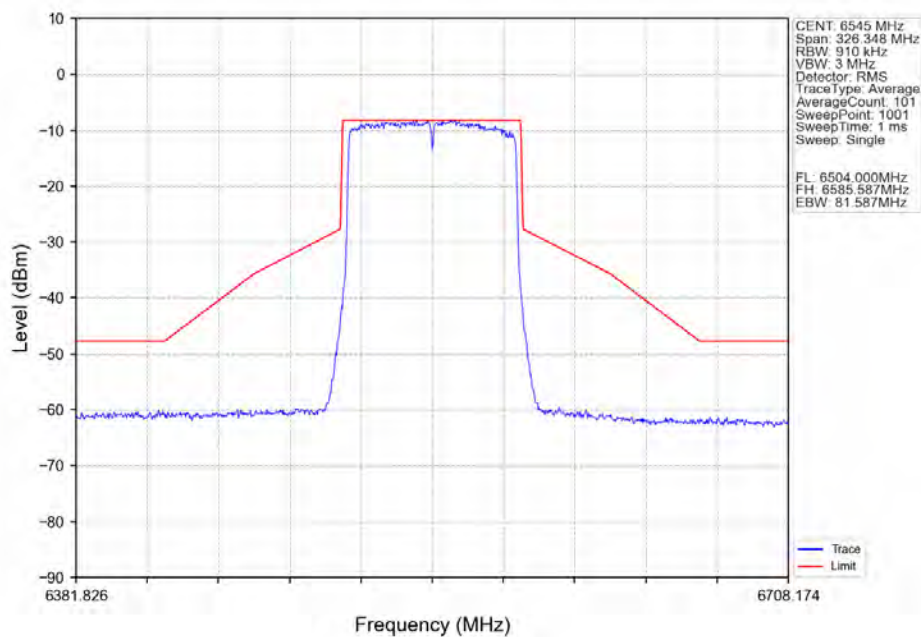
802.11ac(VHT40) HCH 6525MHz Ant1 NTN



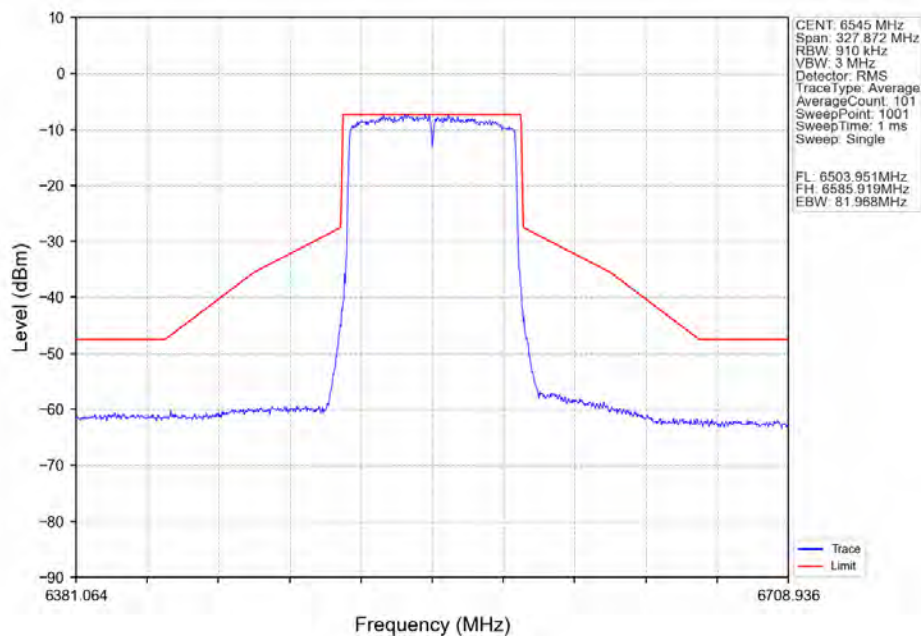
802.11ac(VHT40) HCH 6525MHz Ant2 NTN



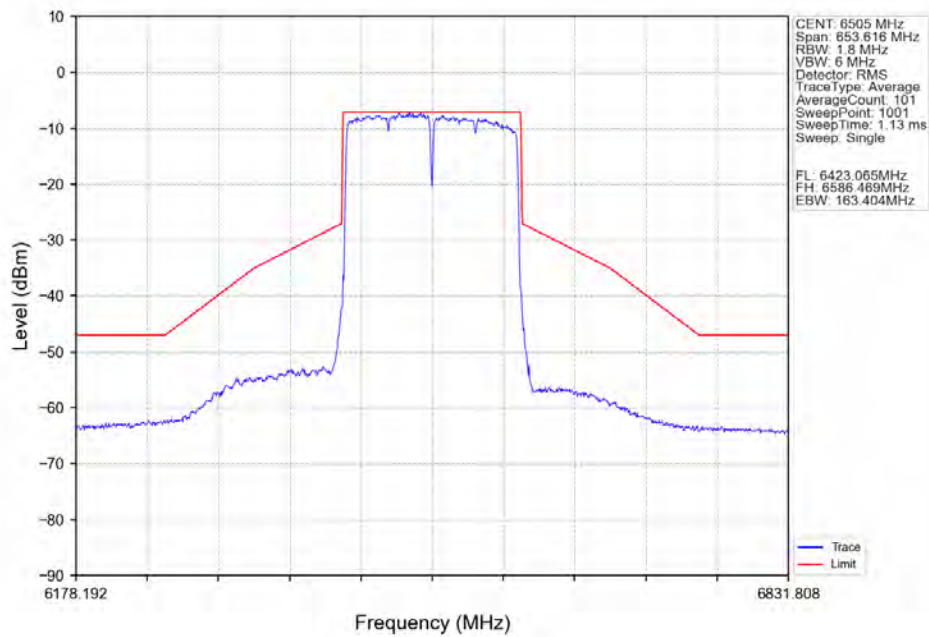
802.11ac(VHT80) HCH 6545MHz Ant1 NTN



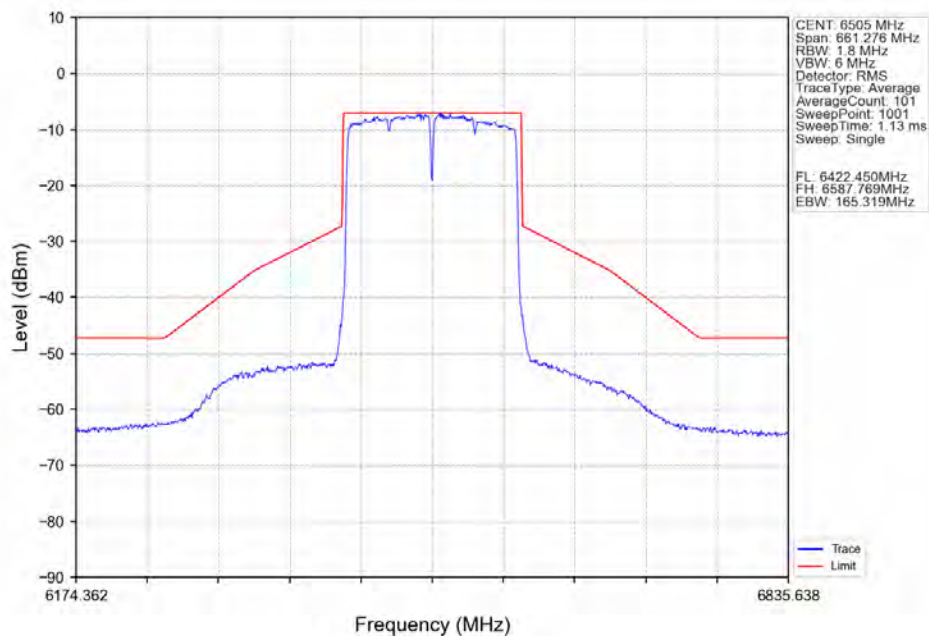
802.11ac(VHT80) HCH 6545MHz Ant2 NTN



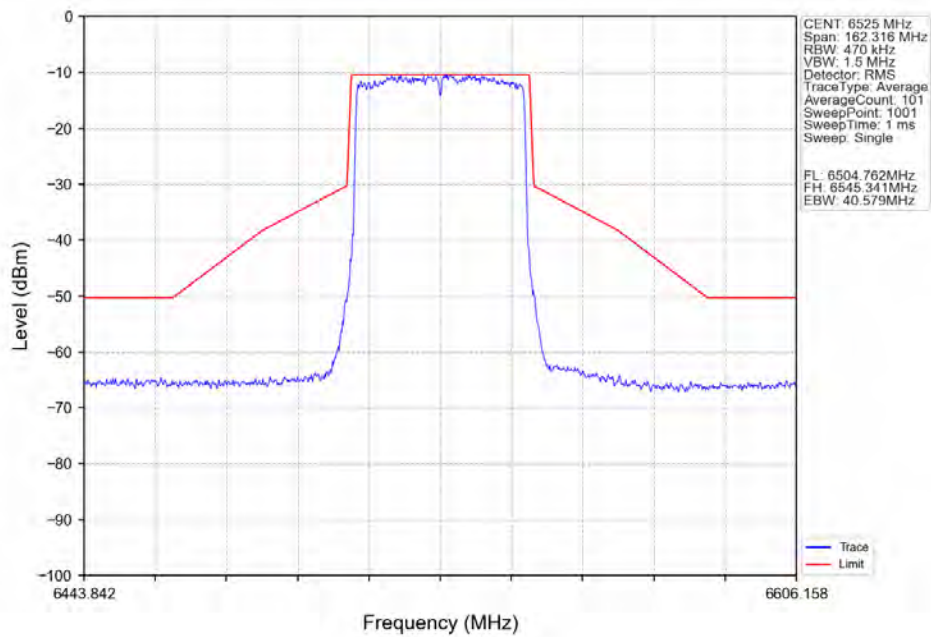
802.11ac(VHT160) HCH_6505MHz_Ant1_NTNV



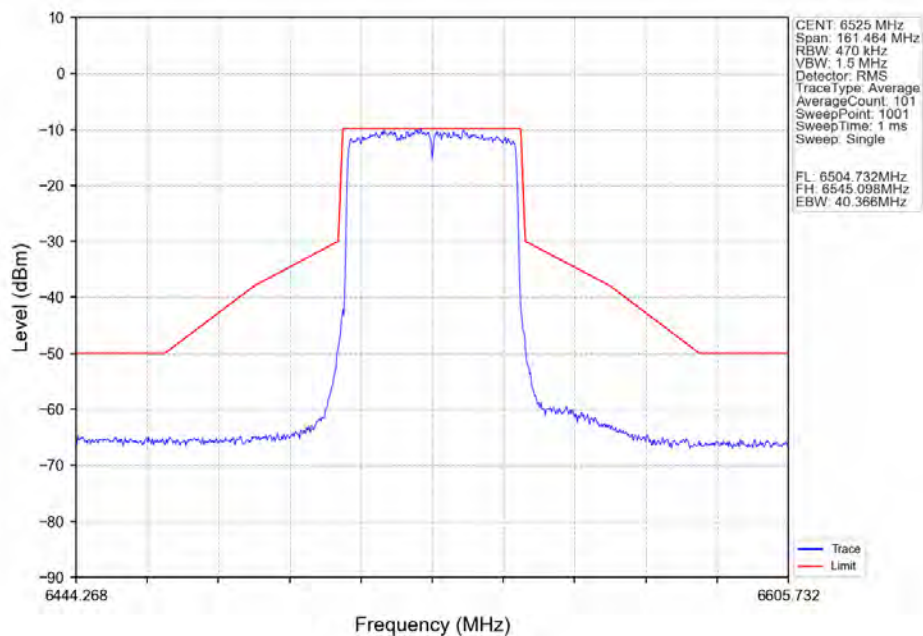
802.11ac(VHT160) HCH_6505MHz_Ant2_NTNV



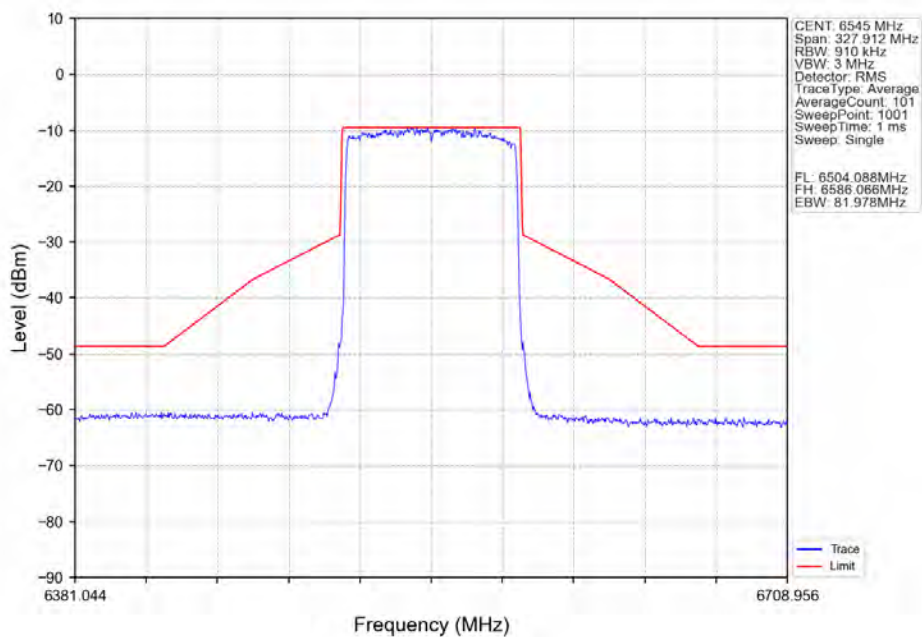
802.11ax(HEW40) HCH 6525MHz SU / Ant1 NTN



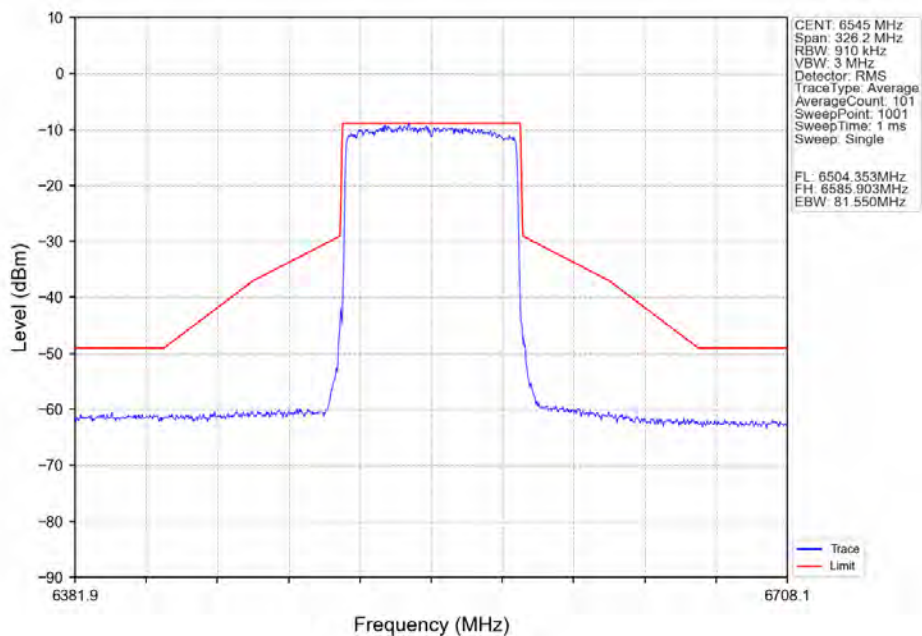
802.11ax(HEW40) HCH 6525MHz SU / Ant2 NTN



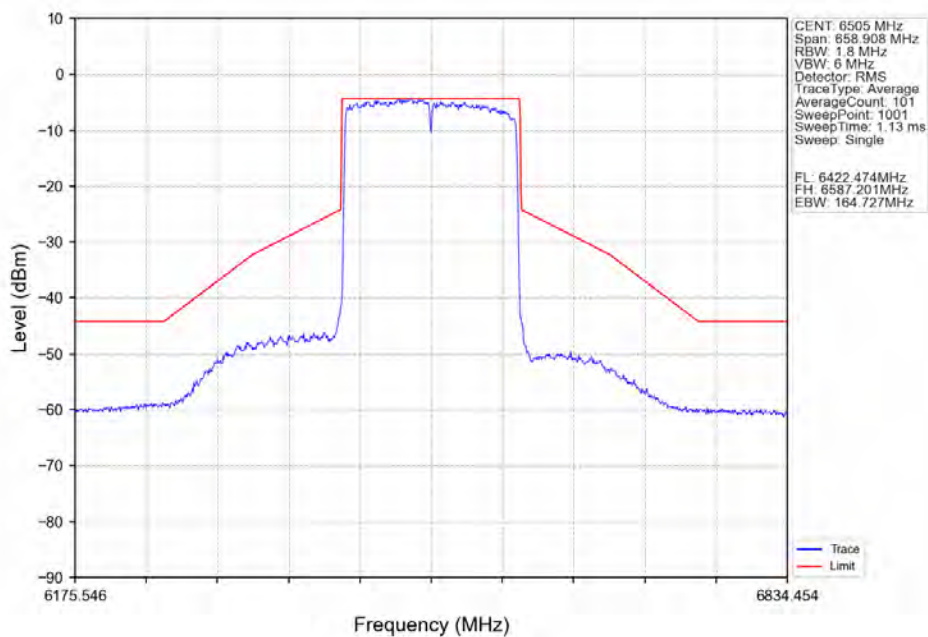
802.11ax(HEW80) HCH 6545MHz SU / Ant1 NTN



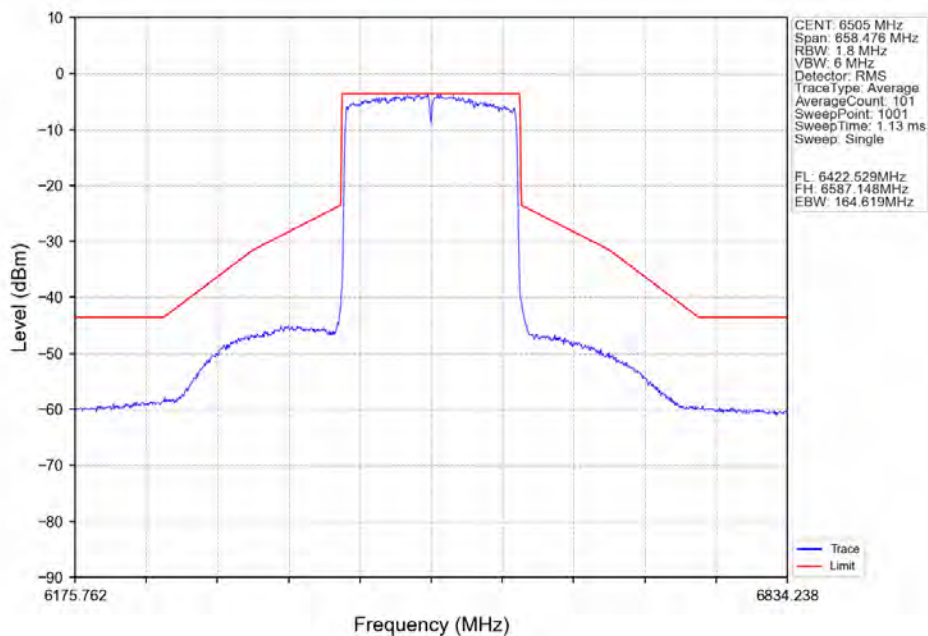
802.11ax(HEW80) HCH 6545MHz SU / Ant2 NTN



802.11ax(HEW160) HCH 6505MHz SU / Ant1 NTN



802.11ax(HEW160) HCH 6505MHz SU / Ant2 NTN



Contention Based Protocol Test Result

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent Freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Antenna Gain (dBi)	Margin (dB)
UNII Band 5	6175	20	6175	-75.98	100	-62	-75.78	-0.2	13.78
					Result: Stop Transmission				
				-76.89	<90	-62	-76.69	-0.2	14.69
					Result: Minimal Operation				
				-78.33	0	-62	-78.13	-0.2	16.13
					Result: Normal Operation				
	6185	160	6110	-73.16	100	-62	-72.96	-0.2	10.96
					Result: Stop Transmission				
				-73.71	<90	-62	-73.51	-0.2	11.51
					Result: Minimal Operation				
				-75.82	0	-62	-75.62	-0.2	13.62
					Result: Normal Operation				
			6185	-71.32	100	-62	-71.12	-0.2	9.12
					Result: Stop Transmission				
				-72.84	<90	-62	-72.64	-0.2	10.64
					Result: Minimal Operation				
				-75.81	0	-62	-75.61	-0.2	13.61
					Result: Normal Operation				
			6260	-73.04	100	-62	-72.84	-0.2	10.84
					Result: Stop Transmission				
				-74.04	<90	-62	-73.84	-0.2	11.84
					Result: Minimal Operation				
				-75.55	0	-62	-75.35	-0.2	13.35
					Result: Normal Operation				

Note1: Adjusted Power (dBm)= Injected AWGN Level (dBm) — Antenna Gain (dBi)

Note2: Margin (dB)= Regulated Threshold level (dBm) — Adjusted Power (dBm)

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent Freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Antenna Gain (dBi)	Margin (dB)
UNII Band 6	6475	20	6475	-74.81	100	-62	-70.51	-4.3	8.51
					Result: Stop Transmission				
				-76.04	<90	-62	-71.74	-4.3	9.74
					Result: Minimal Operation				
				-77.15	0	-62	-72.85	-4.3	10.85
					Result: Normal Operation				
	6505	160	6430	-71.78	100	-62	-67.48	-4.3	5.48
					Result: Stop Transmission				
				-72.73	<90	-62	-68.43	-4.3	6.43
					Result: Minimal Operation				
				-74.77	0	-62	-70.47	-4.3	8.47
					Result: Normal Operation				
			6505	-68.83	100	-62	-64.53	-4.3	2.53
					Result: Stop Transmission				
				-70.67	<90	-62	-66.37	-4.3	4.37
					Result: Minimal Operation				
				-72.53	0	-62	-68.23	-4.3	6.23
					Result: Normal Operation				
			6580	-71.81	100	-62	-67.51	-4.3	5.51
					Result: Stop Transmission				
				-73.18	<90	-62	-68.88	-4.3	6.88
					Result: Minimal Operation				
				-74.26	0	-62	-69.96	-4.3	7.96
					Result: Normal Operation				

Note1: Adjusted Power (dBm)= Injected AWGN Level (dBm) — Antenna Gain (dBi)

Note2: Margin (dB)= Regulated Threshold level (dBm) — Adjusted Power (dBm)

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent Freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Antenna Gain (dBi)	Margin (dB)
UNII Band 7	6695	20	6695	-74.78	100	-62	-72.58	-2.2	10.58
					Result: Stop Transmission				
				-74.94	<90	-62	-72.74	-2.2	10.74
					Result: Minimal Operation				
				-76.82	0	-62	-74.62	-2.2	12.62
					Result: Normal Operation				
	6665	160	6590	-73.05	100	-62	-70.85	-2.2	8.85
					Result: Stop Transmission				
				-74.12	<90	-62	-71.92	-2.2	9.92
					Result: Minimal Operation				
				-76.23	0	-62	-74.03	-2.2	12.03
					Result: Normal Operation				
			6665	-69.39	100	-62	-67.19	-2.2	5.19
					Result: Stop Transmission				
				-71.19	<90	-62	-68.99	-2.2	6.99
					Result: Minimal Operation				
				-72.92	0	-62	-70.72	-2.2	8.72
					Result: Normal Operation				
			6740	-72.72	100	-62	-70.52	-2.2	8.52
					Result: Stop Transmission				
				-73.65	<90	-62	-71.45	-2.2	9.45
					Result: Minimal Operation				
				-75.49	0	-62	-73.29	-2.2	11.29
					Result: Normal Operation				

Note1: Adjusted Power (dBm)= Injected AWGN Level (dBm) — Antenna Gain (dBi)

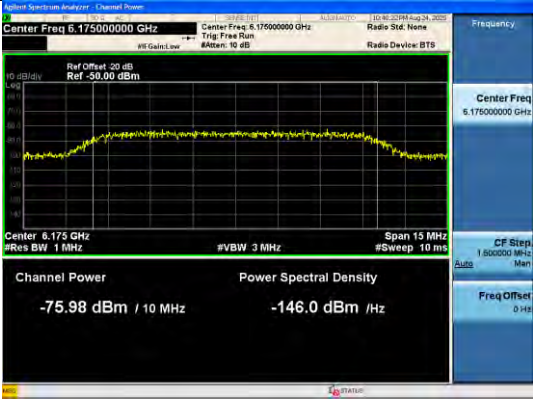
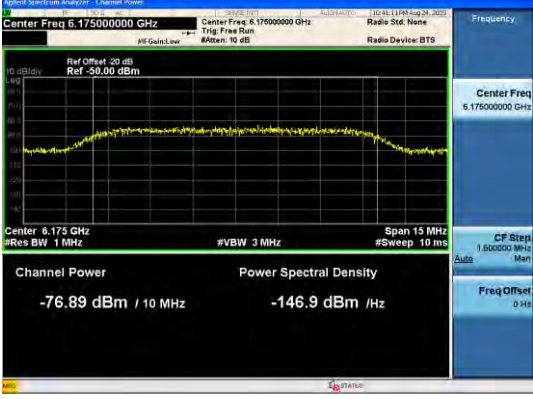
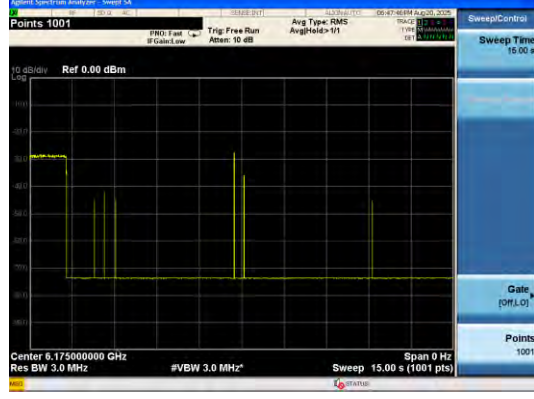
Note2: Margin (dB)= Regulated Threshold level (dBm) — Adjusted Power (dBm)

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent Freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Antenna Gain (dBi)	Margin (dB)
UNII Band 8	6995	20	6995	-73.73	100	-62	-72.63	-1.1	10.63
					Result: Stop Transmission				
				-74.37	<90	-62	-73.27	-1.1	11.27
					Result: Minimal Operation				
				-76.89	0	-62	-75.79	-1.1	13.79
					Result: Normal Operation				
	6985	160	6910	-71.73	100	-62	-70.63	-1.1	8.63
					Result: Stop Transmission				
				-72.77	<90	-62	-71.67	-1.1	9.67
					Result: Minimal Operation				
				-73.85	0	-62	-72.75	-1.1	10.75
					Result: Normal Operation				
			6985	-69.27	100	-62	-68.17	-1.1	6.17
					Result: Stop Transmission				
				-70.53	<90	-62	-69.43	-1.1	7.43
					Result: Minimal Operation				
				-73.63	0	-62	-72.53	-1.1	10.53
					Result: Normal Operation				
			7060	-72.78	100	-62	-71.68	-1.1	9.68
					Result: Stop Transmission				
				-73.87	<90	-62	-72.77	-1.1	10.77
					Result: Minimal Operation				
				-75.89	0	-62	-74.79	-1.1	12.79
					Result: Normal Operation				

Note1: Adjusted Power (dBm)= Injected AWGN Level (dBm) — Antenna Gain (dBi)

Note2: Margin (dB)= Regulated Threshold level (dBm) — Adjusted Power (dBm)

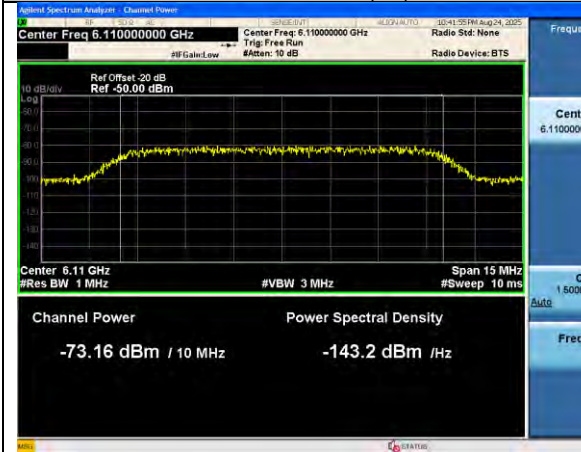
Test Graphs

Contention Based Protocol Result on U-NII 5 (AWGN Interference)	
802.11 ax (HE20) /6175MHz Threshold Level (TL) 	802.11 ax (HE20) /6175MHz Test Result is pass due to no transmission occur. 
802.11 ax (HE20) /6175MHz Threshold Level (TL) 	802.11 ax (HE20) /6175MHz Transmission when the interferer is Minimal Operation 

Contention Based Protocol Result on U-NII 5 (AWGN Interference)

802.11 ax (HE160) /6110MHz

Threshold Level (TL)



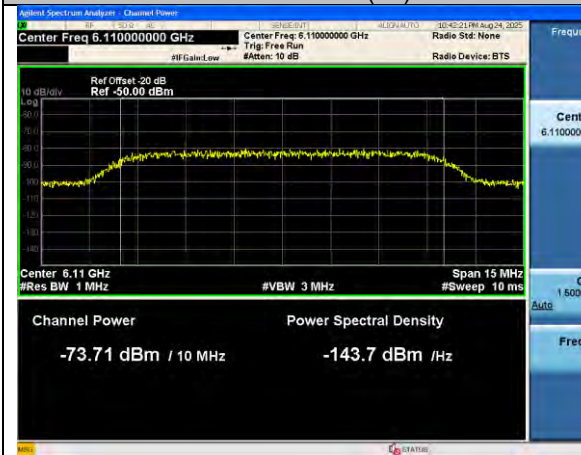
802.11 ax (HE160) /6110MHz

Test Result is pass due to no transmission occur.



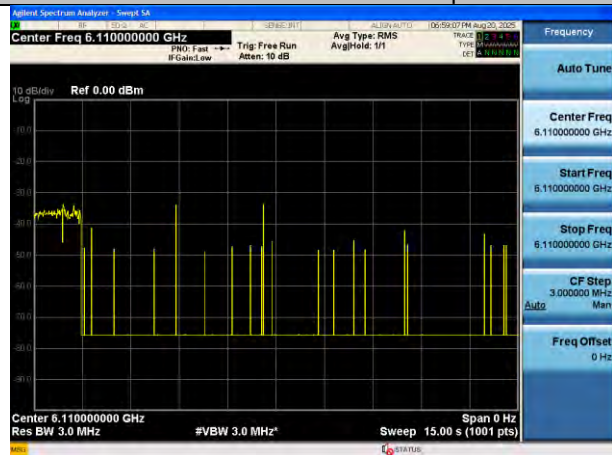
802.11 ax (HE160) /6110MHz

Threshold Level (TL)



802.11 ax (HE160) /6110MHz

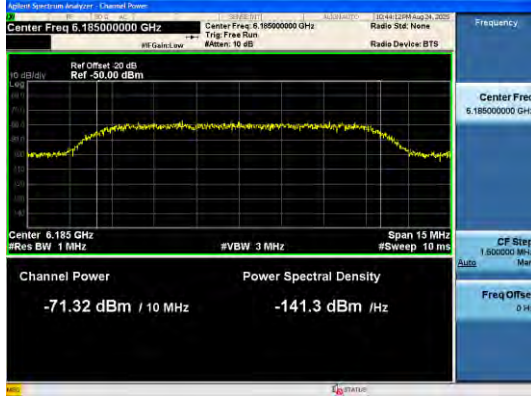
Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 5 (AWGN Interference)

802.11 ax (HE160) /6185MHz

Threshold Level (TL)



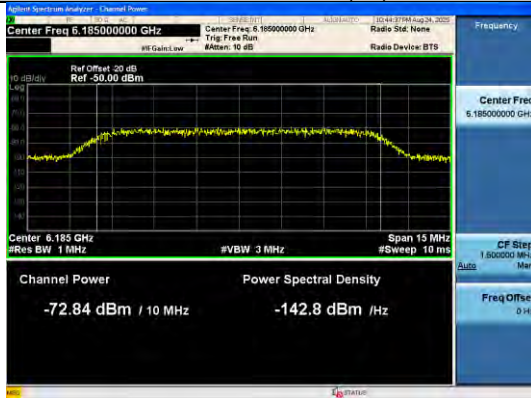
802.11 ax (HE160) /6185MHz

Test Result is pass due to no transmission occur.



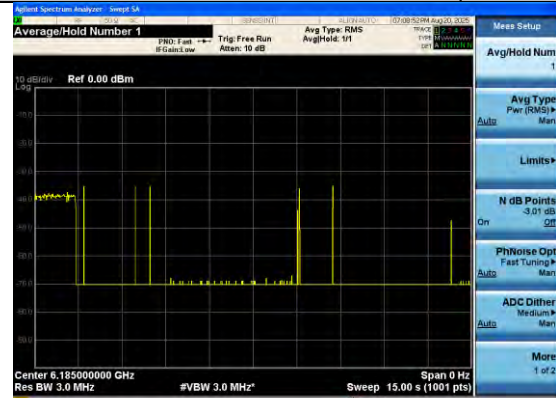
802.11 ax (HE160) /6185MHz

Threshold Level (TL)



802.11 ax (HE160) /6185MHz

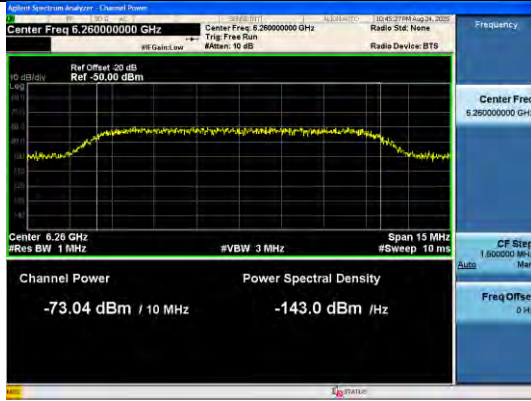
Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 5 (AWGN Interference)

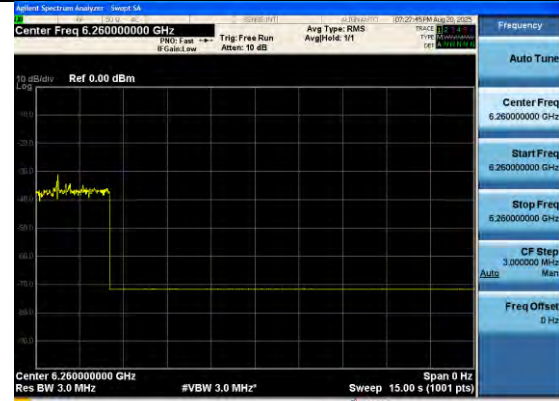
802.11 ax (HE160) /6260MHz

Threshold Level (TL)



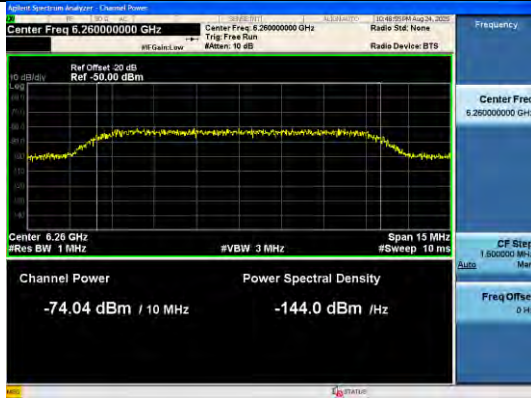
802.11 ax (HE160) /6260MHz

Test Result is pass due to no transmission occur.



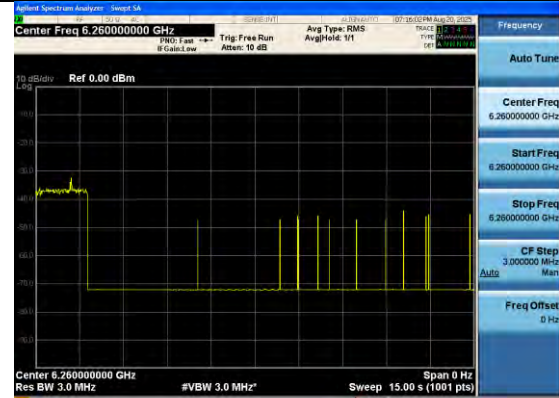
802.11 ax (HE160) /6260MHz

Threshold Level (TL)



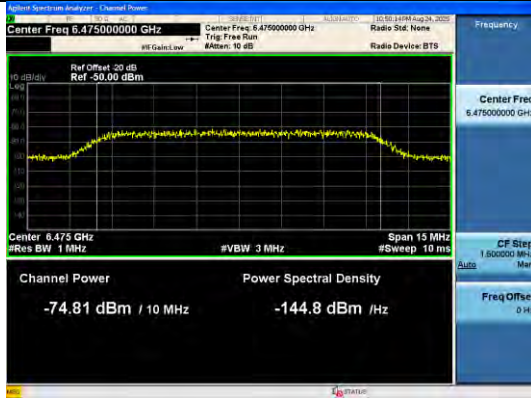
802.11 ax (HE160) /6260MHz

Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 6 (AWGN Interference)

802.11 ax (HE20) /6475MHz
Threshold Level (TL)



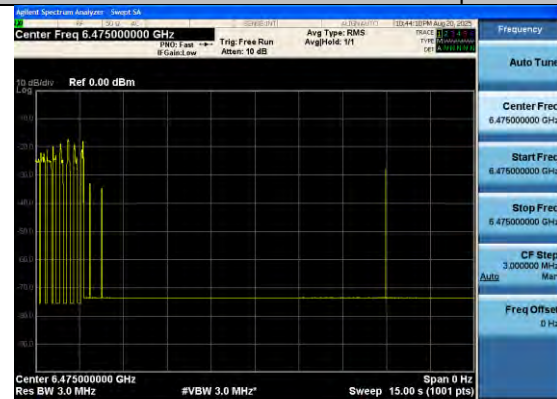
802.11 ax (HE20) 6475MHz
Test Result is pass due to no transmission occur.



802.11 ax (HE20) /6475MHz
Threshold Level (TL)



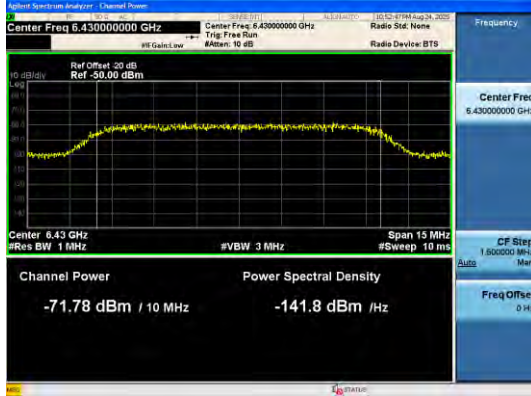
802.11 ax (HE20) /6475MHz
Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 6 (AWGN Interference)

802.11 ax (HE160) /6430MHz

Threshold Level (TL)



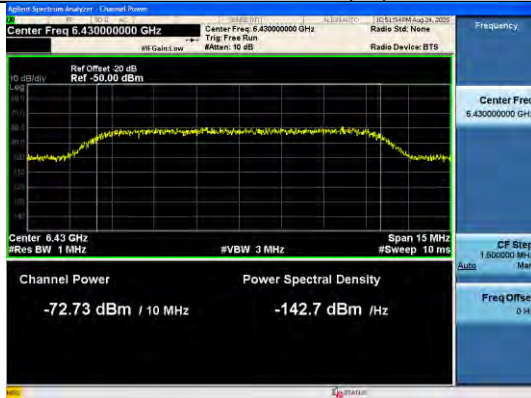
802.11 ax (HE160) /6430MHz

Test Result is pass due to no transmission occur.



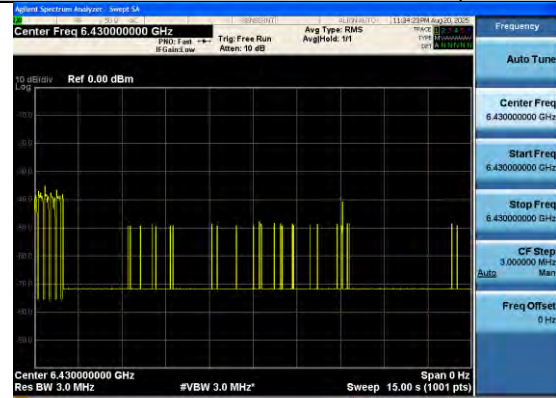
802.11 ax (HE160) /6430MHz

Threshold Level (TL)



802.11 ax (HE160) /6430MHz

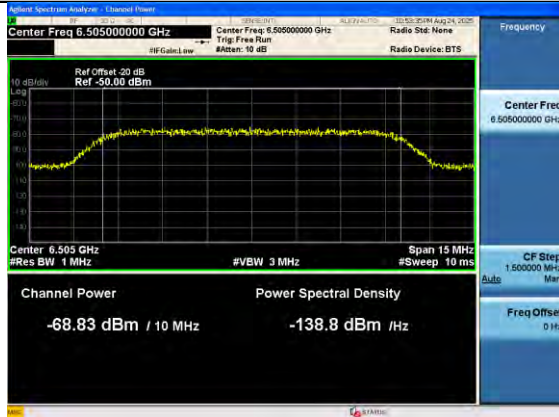
Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 6 (AWGN Interference)

802.11 ax (HE160) /6505MHz

Threshold Level (TL)



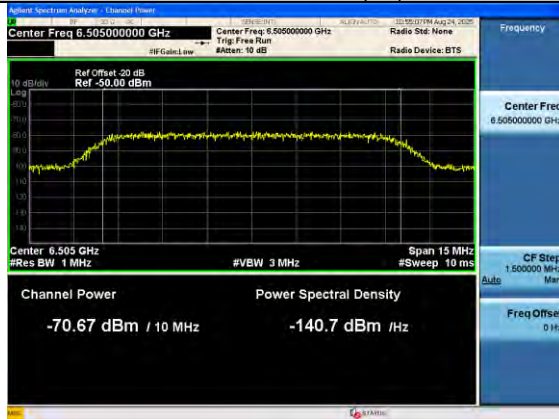
802.11 ax (HE160) /6505MHz

Test Result is pass due to no transmission occur.



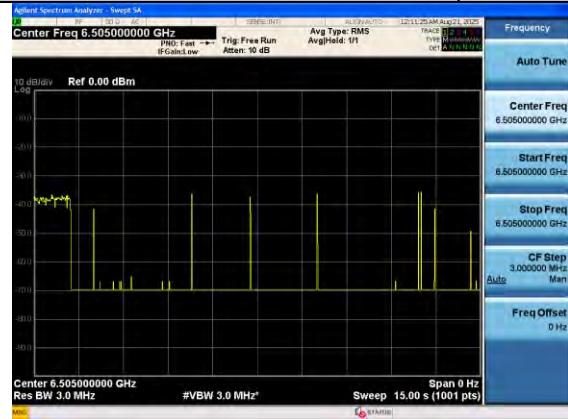
802.11 ax (HE160) /6505MHz

Threshold Level (TL)



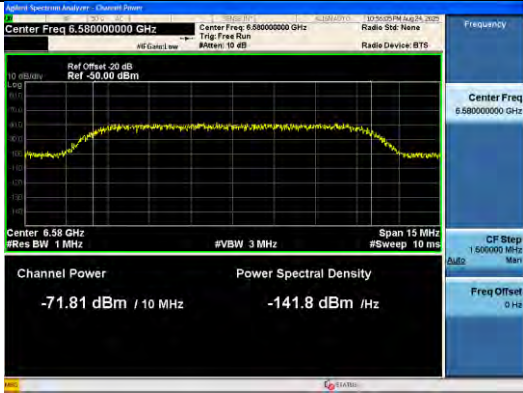
802.11 ax (HE160) /6505MHz

Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 6 (AWGN Interference)

802.11 ax (HE160) /6580MHz
Threshold Level (TL)



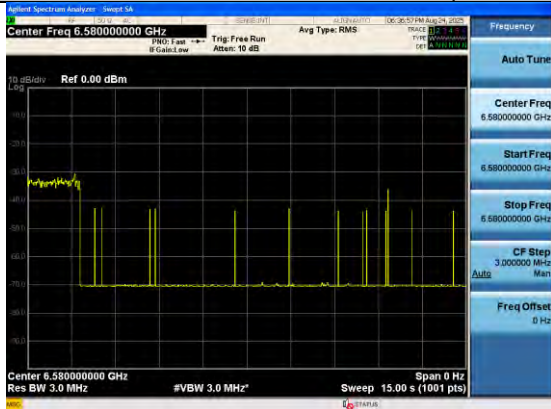
802.11 ax (HE160) /6580MHz
Test Result is pass due to no transmission occur.



802.11 ax (HE160) /6580MHz
Threshold Level (TL)



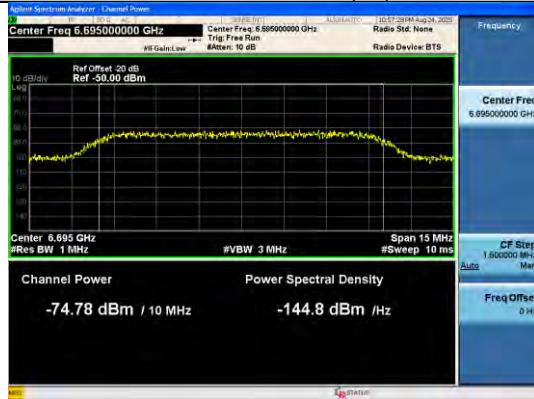
802.11 ax (HE160) /6580MHz
Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 7 (AWGN Interference)

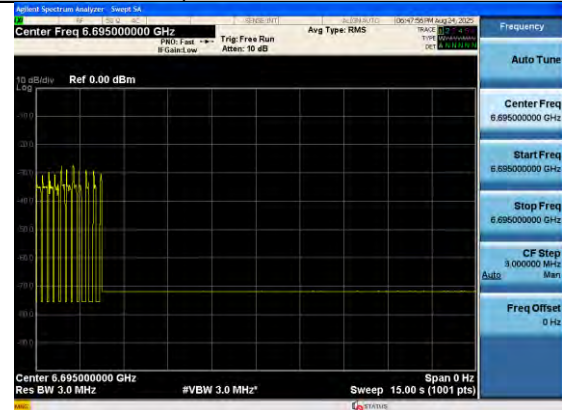
802.11 ax (HE20) /6695MHz

Threshold Level (TL)



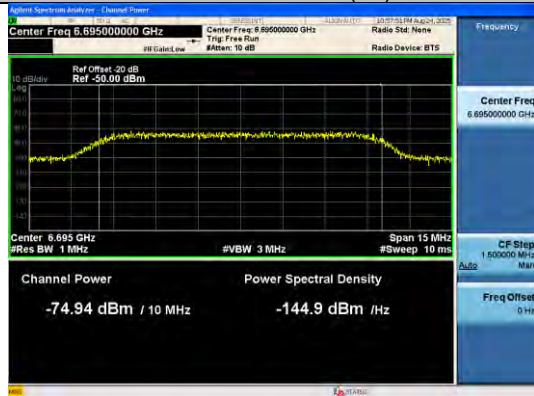
802.11 ax (HE20) /6695MHz

Test Result is pass due to no transmission occur.



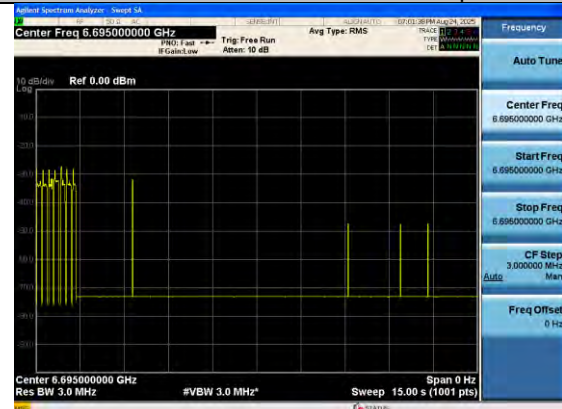
802.11 ax (HE20) /6695MHz

Threshold Level (TL)



802.11 ax (HE20) /6695MHz

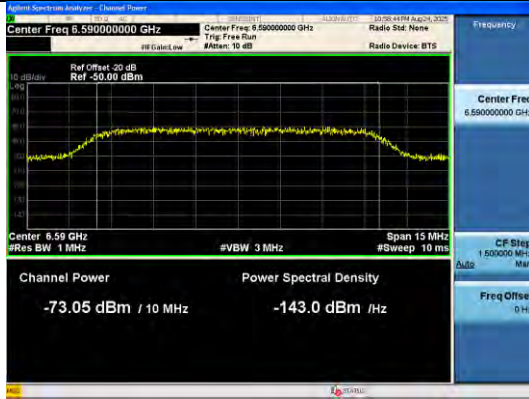
Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 7 (AWGN Interference)

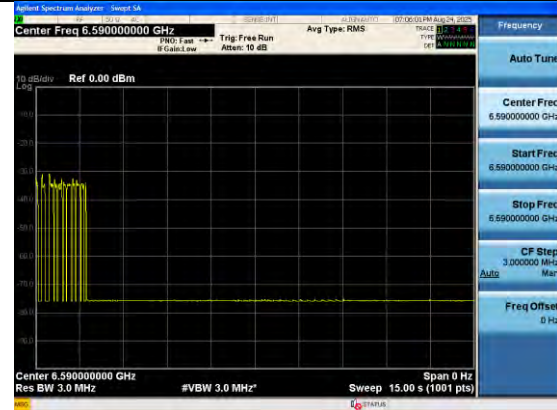
802.11 ax (HE160) /6590MHz

Threshold Level (TL)



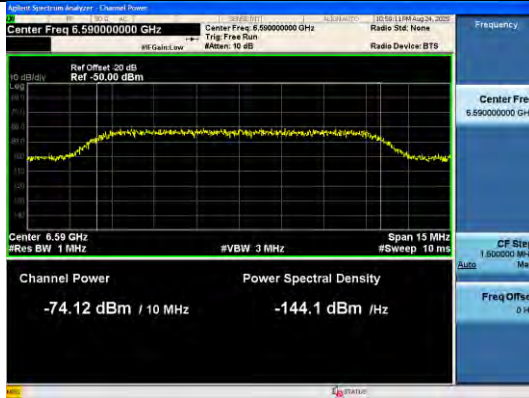
802.11 ax (HE160) /6590MHz

Test Result is pass due to no transmission occur.



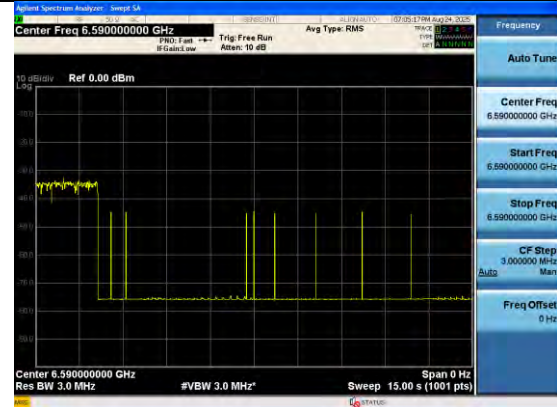
802.11 ax (HE160) /6590MHz

Threshold Level (TL)



802.11 ax (HE160) /6590MHz

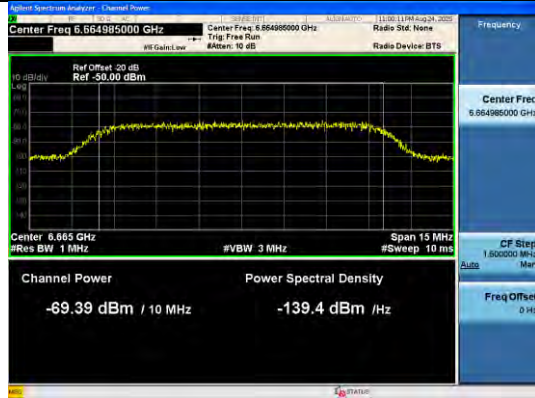
Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 7 (AWGN Interference)

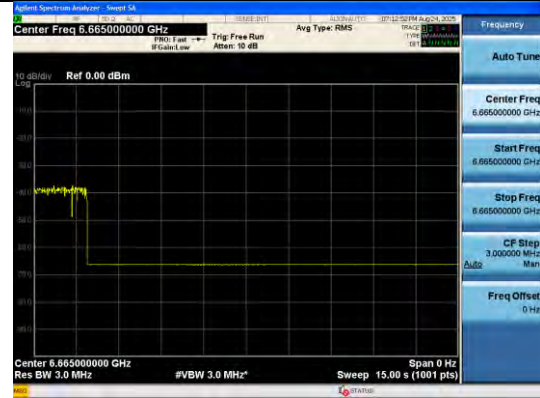
802.11 ax (HE160) /6665MHz

Threshold Level (TL)



802.11 ax (HE160) /6665MHz

Test Result is pass due to no transmission occur.



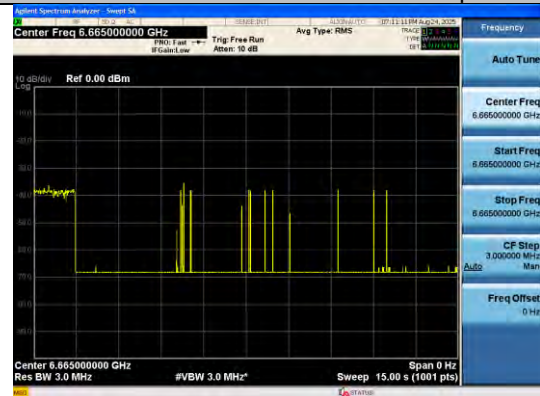
802.11 ax (HE160) /6665MHz

Threshold Level (TL)



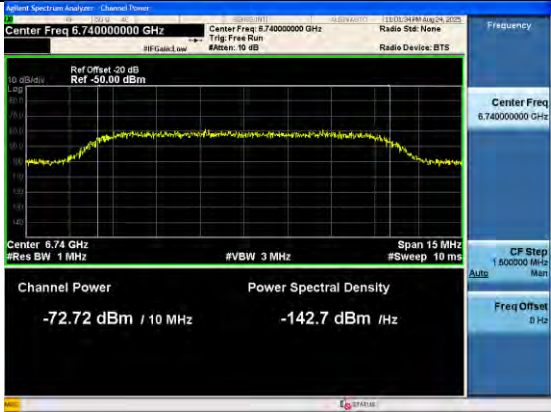
802.11 ax (HE160) /6665MHz

Transmission when the interferer is Minimal Operation

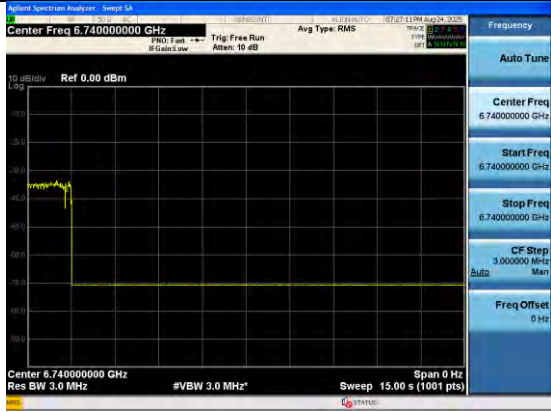


Contention Based Protocol Result on U-NII 7 (AWGN Interference)

802.11 ax (HE160) /6740MHz
Threshold Level (TL)



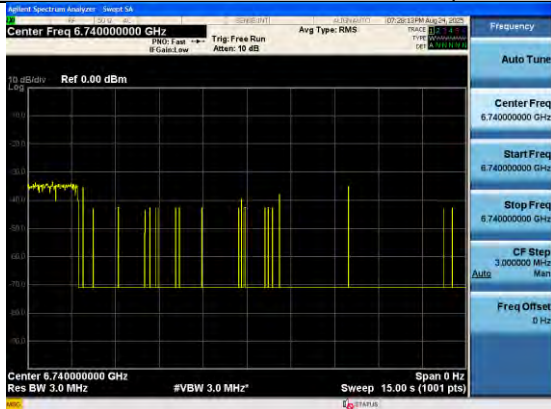
802.11 ax (HE160) /6740MHz
Test Result is pass due to no transmission occur.



802.11 ax (HE160) /6740MHz
Threshold Level (TL)



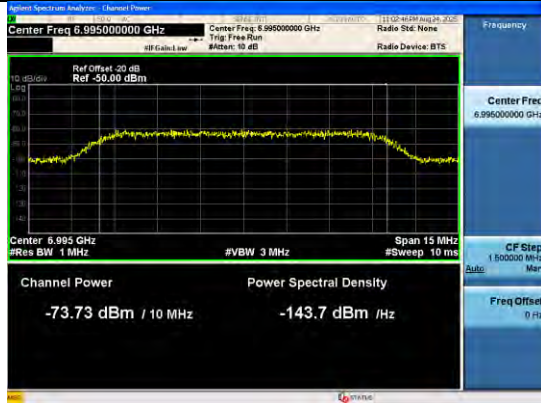
802.11 ax (HE160) /6740MHz
Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 8 (AWGN Interference)

802.11 ax (HE20) /6995MHz

Threshold Level (TL)



802.11 ax (HE20) /6995MHz

Test Result is pass due to no transmission occur.



802.11 ax (HE20) /6995MHz

Threshold Level (TL)



802.11 ax (HE20) /6995MHz

Transmission when the interferer is Minimal Operation

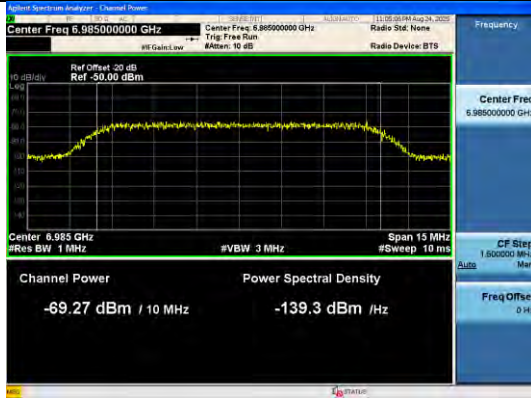


Contention Based Protocol Result on U-NII 8 (AWGN Interference)	
802.11 ax (HE160) /6910MHz Threshold Level (TL) 	802.11 ax (HE160) /6910MHz Test Result is pass due to no transmission occur. 
802.11 ax (HE160) /6910MHz Threshold Level (TL) 	802.11 ax (HE160) /6910MHz Transmission when the interferer is Minimal Operation 

Contention Based Protocol Result on U-NII 8 (AWGN Interference)

802.11 ax (HE160) /6985MHz

Threshold Level (TL)



802.11 ax (HE160) /6985MHz

Test Result is pass due to no transmission occur.



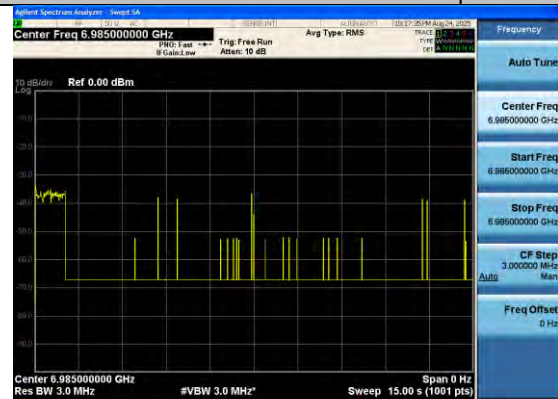
802.11 ax (HE160) /6985MHz

Threshold Level (TL)



802.11 ax (HE160) /6985MHz

Transmission when the interferer is Minimal Operation



Contention Based Protocol Result on U-NII 8 (AWGN Interference)

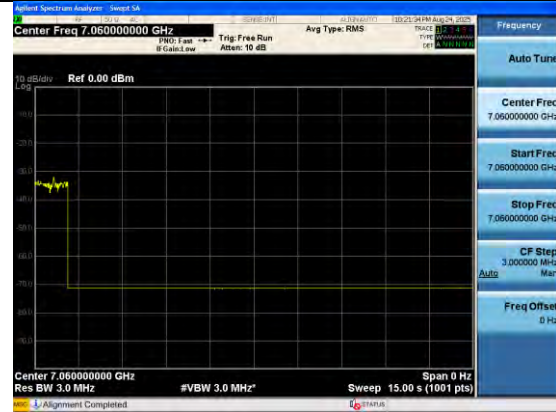
802.11 ax (HE160) /7060MHz

Threshold Level (TL)



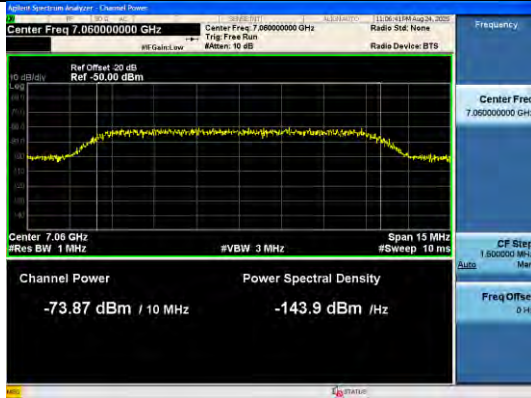
802.11 ax (HE160) /7060MHz

Test Result is pass due to no transmission occur.



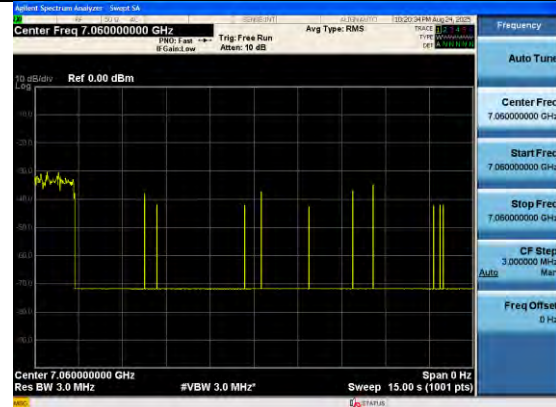
802.11 ax (HE160) /7060MHz

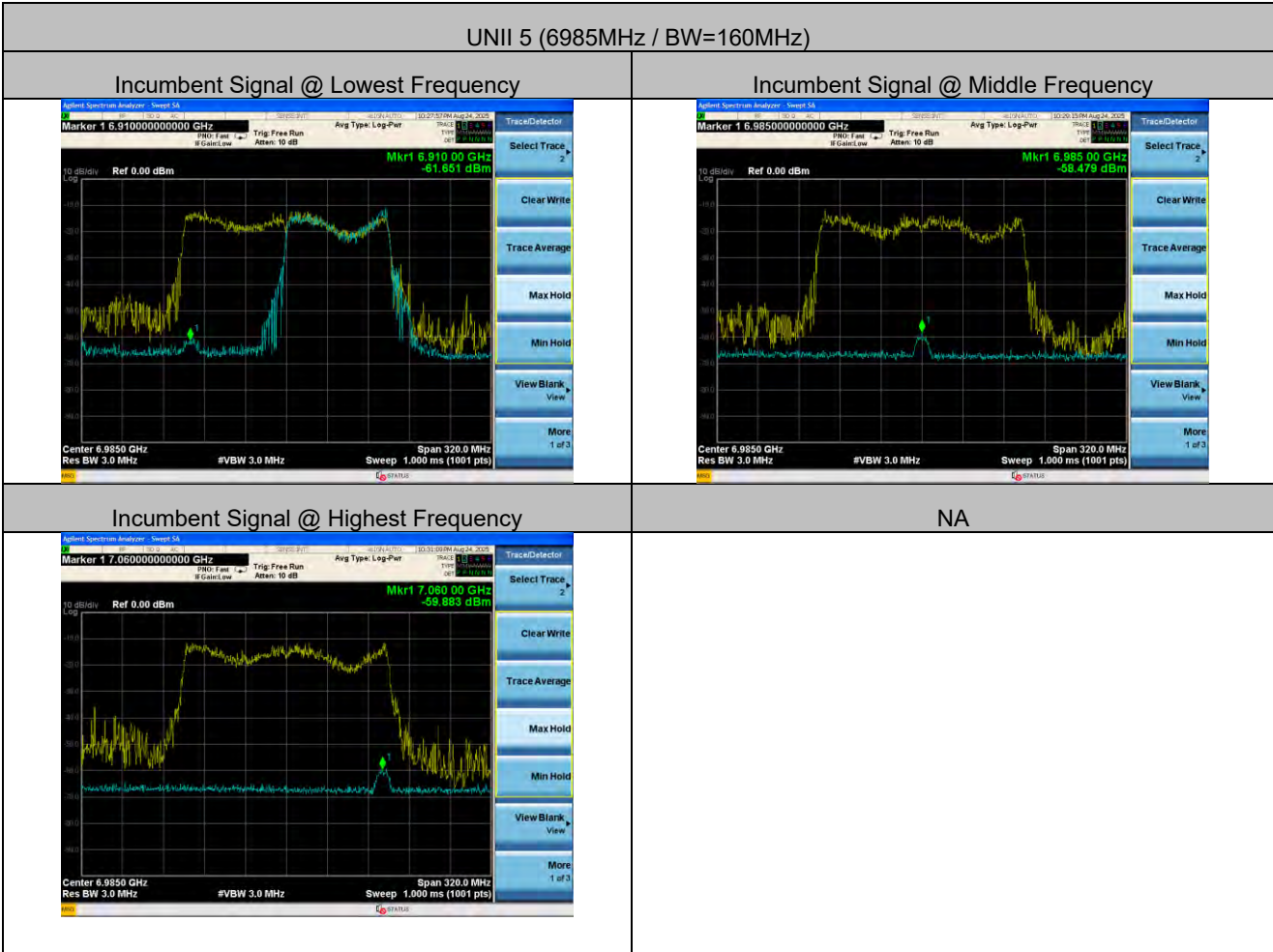
Threshold Level (TL)



802.11 ax (HE160) /7060MHz

Transmission when the interferer is Minimal Operation





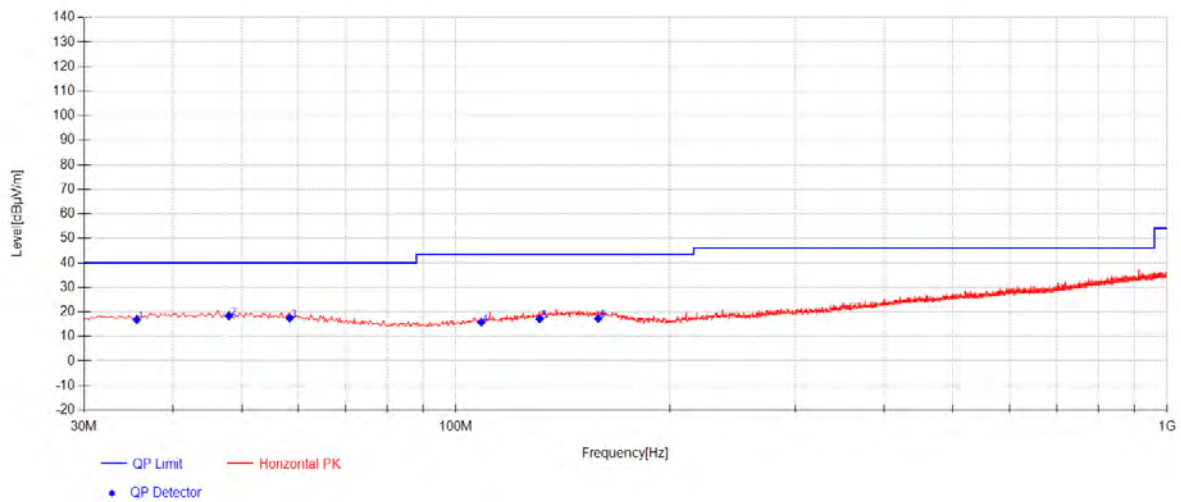
Note: The device does not support channel puncturing for CBP mode, the CBP mode empty channel reduction mechanism to protect incumbent operations.

Radiated Spurious Emissions

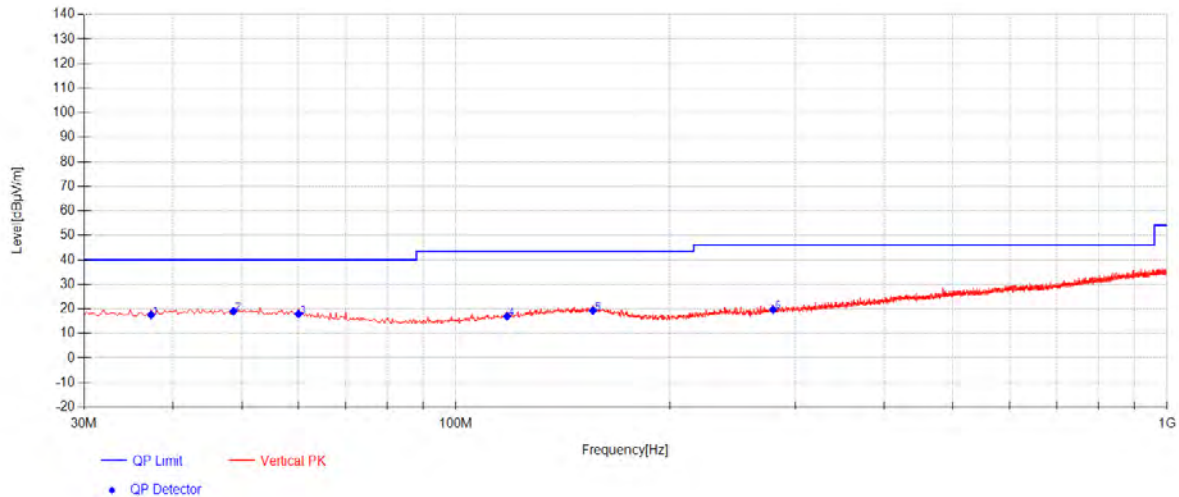
Radiated emission below 1GHz

Worst case Mode:

802.11ac20_Channel 233



Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.5775	36.93	16.83	40.00	23.17	189	330	Horizontal
2	47.945	37.73	18.37	40.00	21.63	254	220	Horizontal
3	58.3725	37.58	17.55	40.00	22.45	132	14	Horizontal
4	108.57	37.66	15.72	43.50	27.78	196	135	Horizontal
5	131.1225	36.83	17.14	43.50	26.36	221	359	Horizontal
6	158.525	36.08	17.34	43.50	26.16	181	45	Horizontal



Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	37.275	37.41	17.61	40.00	22.39	199	345	Vertical
2	48.6725	38.42	19.05	40.00	20.95	265	0	Vertical
3	60.07	38.15	17.98	40.00	22.02	187	345	Vertical
4	118.0275	37.91	17.00	43.50	26.50	203	136	Vertical
5	155.8575	38.10	19.33	43.50	24.17	188	261	Vertical
6	279.29	38.30	19.72	46.00	26.28	261	286	Vertical

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

Value = Reading(dBμV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

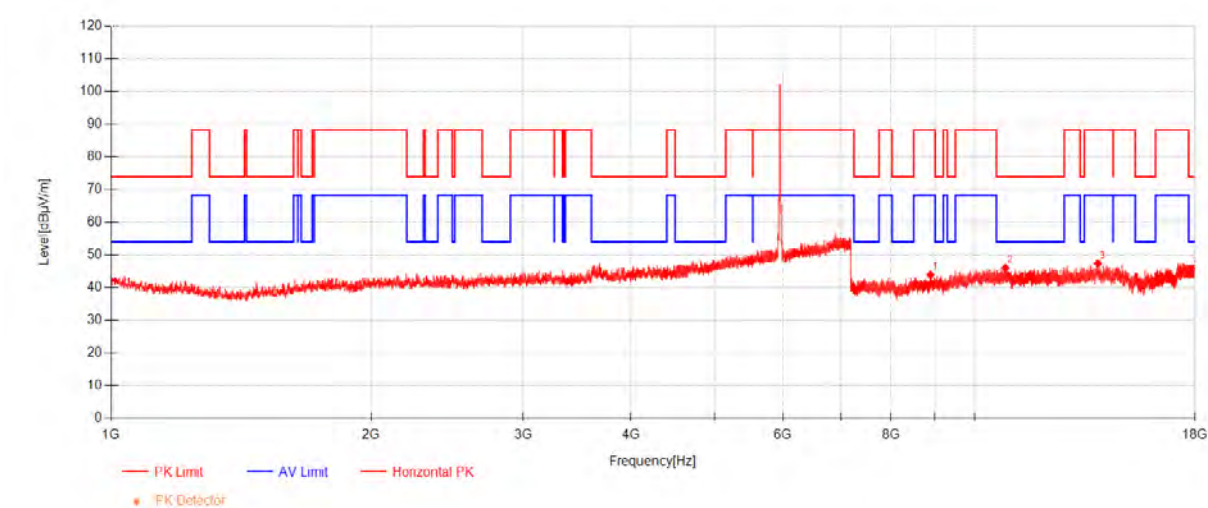
Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit(dBμV/m) – Value(dBμV/m)

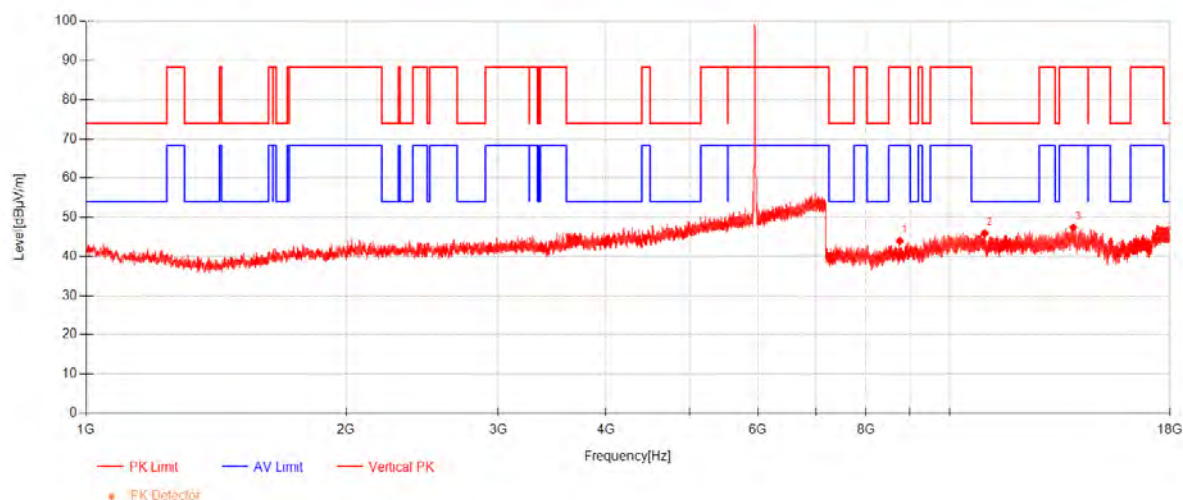
- 2) All channels have been tested, but only the worst case data displayed in this report.

Transmitter emission Above 1GHz

802.11ac20_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8890.56	50.24	37.28	-43.58	43.94	88.30	44.36	Horizontal
2	10856.52	46.93	39.40	-40.29	46.04	74.00	27.96	Horizontal
3	13892.04	45.57	40.14	-38.35	47.35	88.30	40.95	Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8756.64	50.63	37.13	-43.79	43.98	88.30	44.32	Vertical
2	10979.28	46.86	39.49	-40.45	45.90	74.00	28.10	Vertical
3	13905.36	45.58	40.16	-38.38	47.36	88.30	40.94	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

$$\text{Level} = \text{Reading}(\text{dB}\mu\text{V}) + \text{AF}(\text{dB}/\text{m}) + \text{Factor}(\text{dB})$$

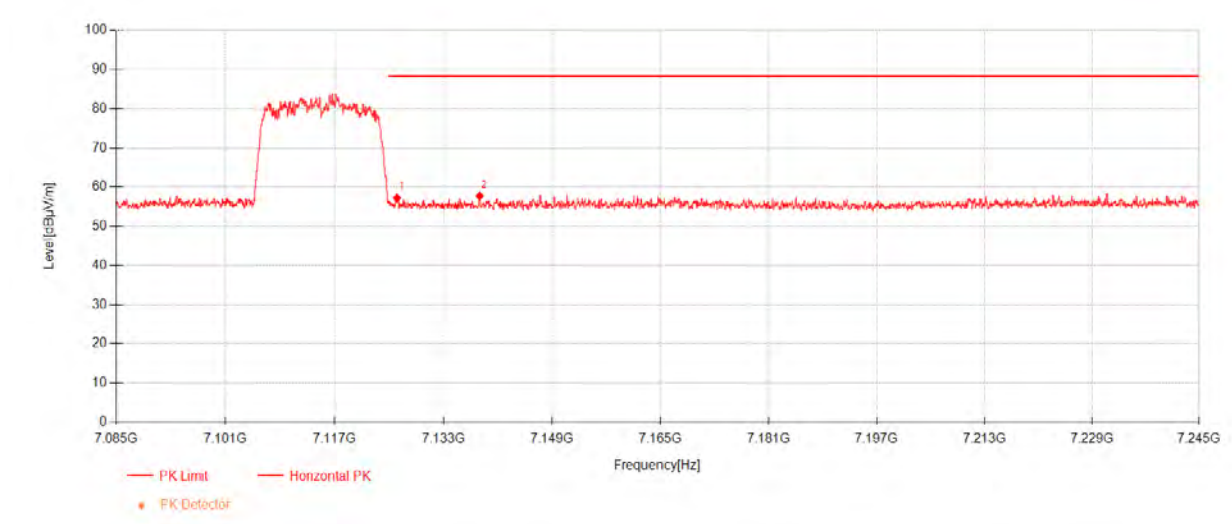
$$\text{AF} = \text{Antenna Factor}(\text{dB}/\text{m})$$

$$\text{Factor} = \text{Cable Factor}(\text{dB}) - \text{Preamplifier gain}(\text{dB})$$

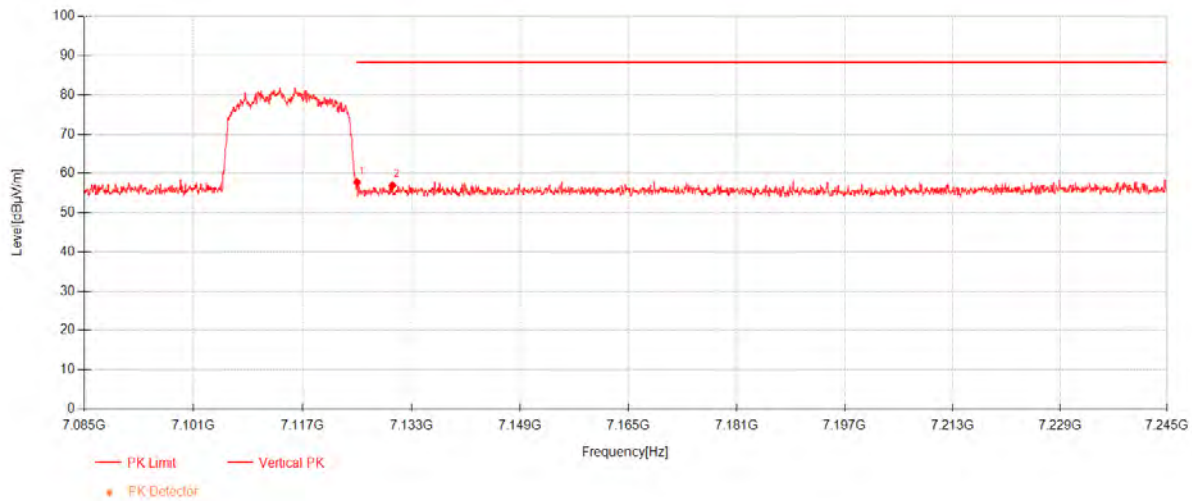
$$\text{Margin} = \text{Limit}(\text{dB}\mu\text{V}/\text{m}) - \text{Level}(\text{dB}\mu\text{V}/\text{m})$$
- All channels have been tested, but only the worst case data displayed in this report.

Restricted bands around fundamental frequency

802.11ac20_Channel 233

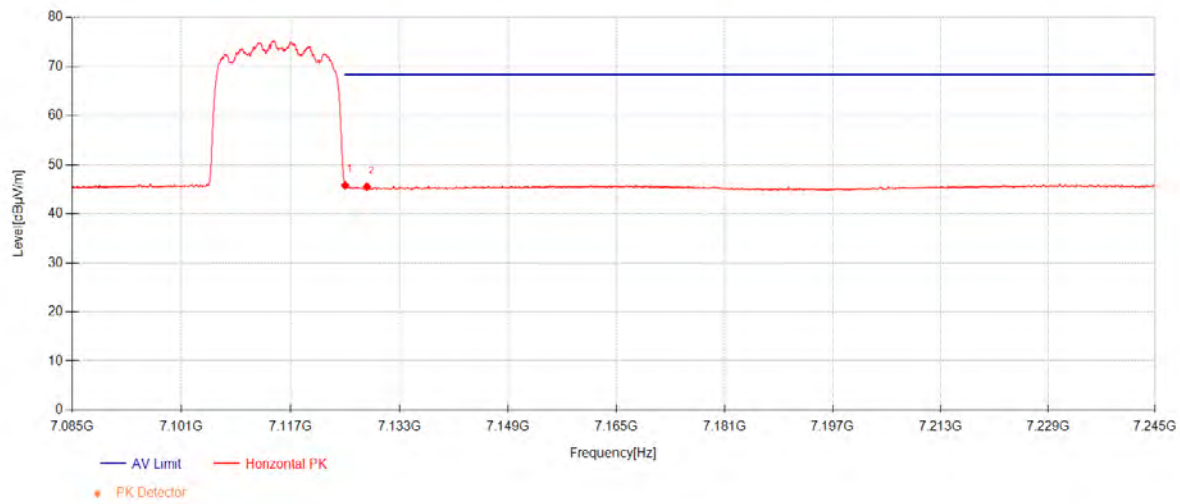


Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7126.16	38.46	35.73	-16.97	57.22	88.30	31.08	Horizontal
2	7138.32	39.00	35.75	-17.00	57.75	88.30	30.55	Horizontal

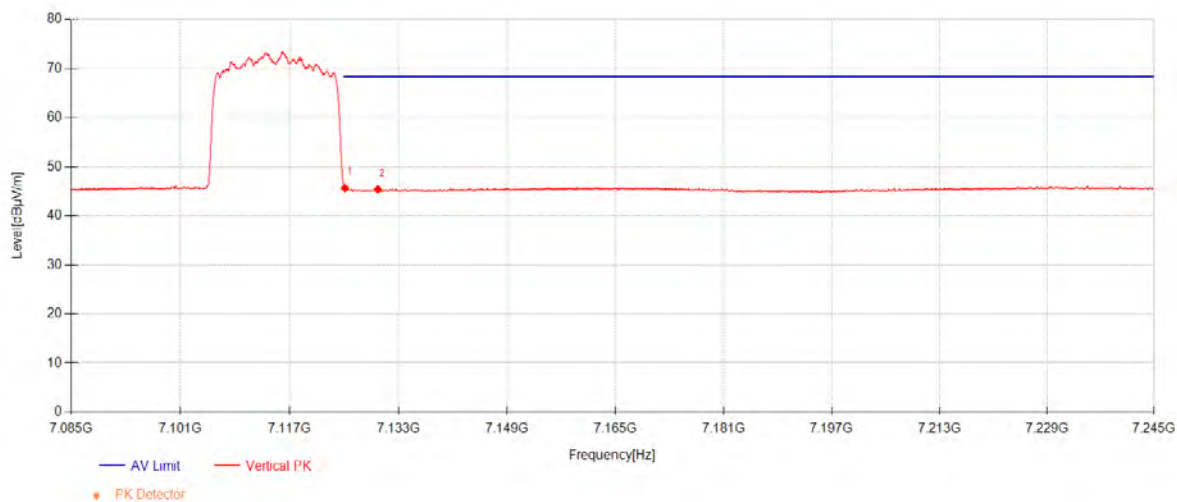


Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125	38.99	35.73	-16.97	57.75	88.30	30.55	Vertical
2	7130.2	38.20	35.73	-16.98	56.96	88.30	31.34	Vertical

802.11ac20_Channel 233



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125	27.01	35.73	-16.97	45.77	68.30	22.53	Horizontal
2	7128.2	26.79	35.73	-16.97	45.55	68.30	22.75	Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7125.12	26.89	35.73	-16.97	45.65	68.30	22.65	Vertical
2	7129.96	26.64	35.73	-16.98	45.40	68.30	22.90	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

Level = Reading(dBμV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit(dBμV/m) – Level(dBμV/m)

---End of Report---