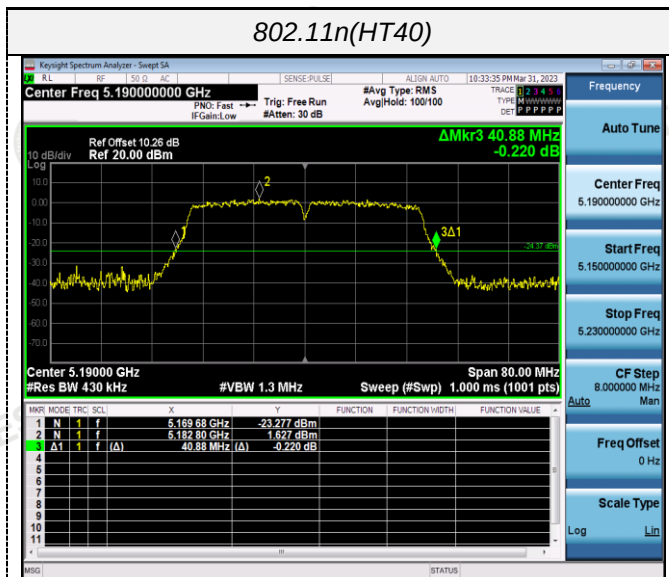
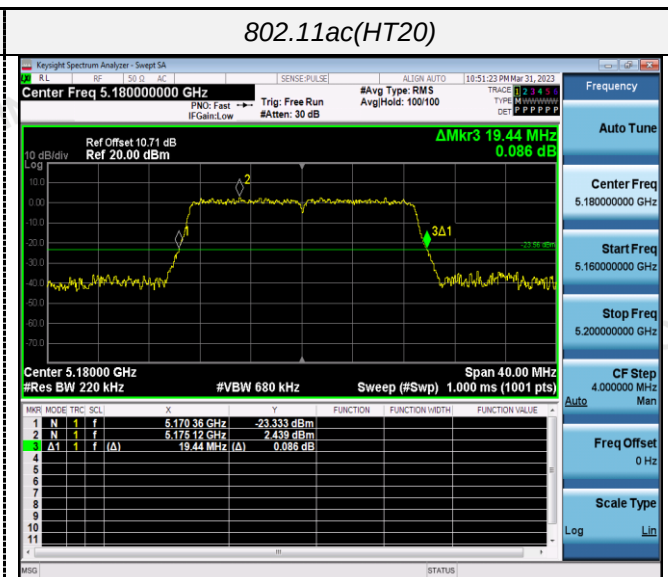


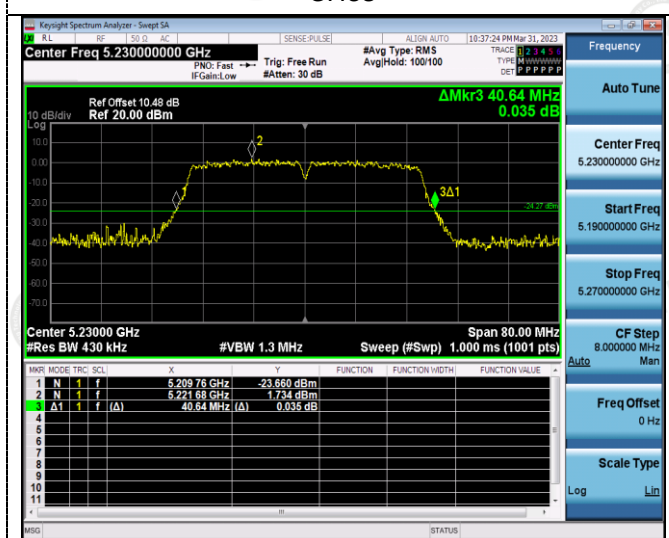
802.11n(HT40)



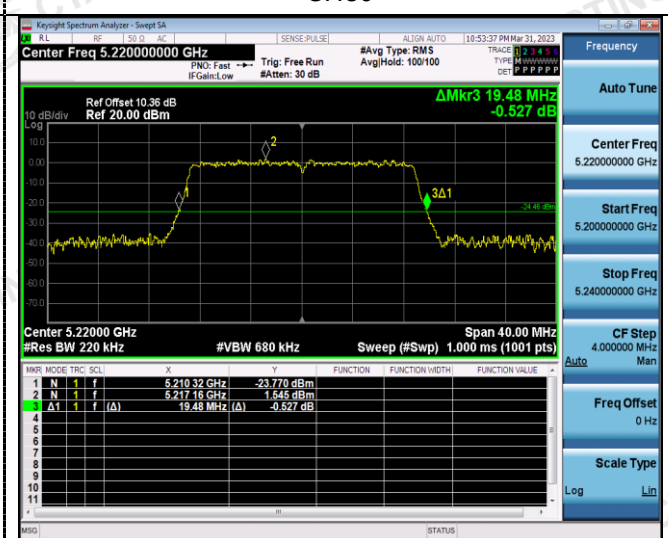
802.11ac(HT20)



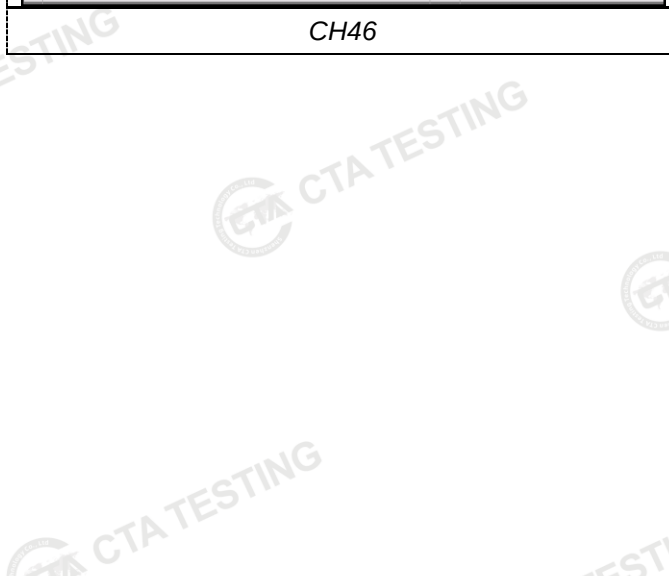
CH38



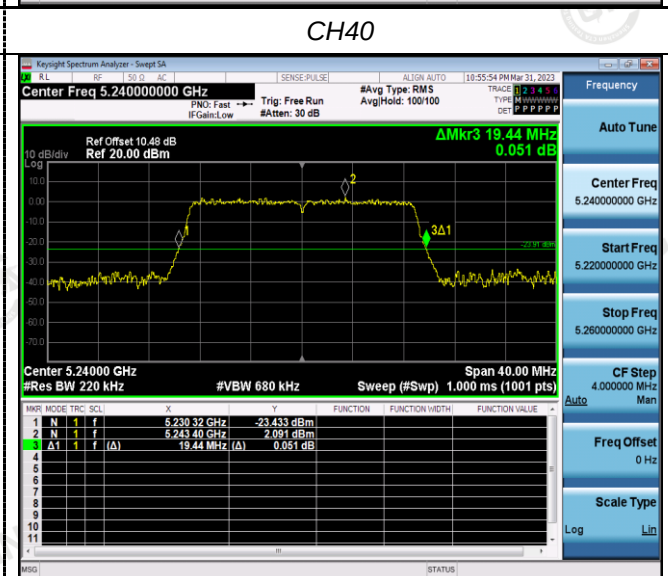
CH36



CH46

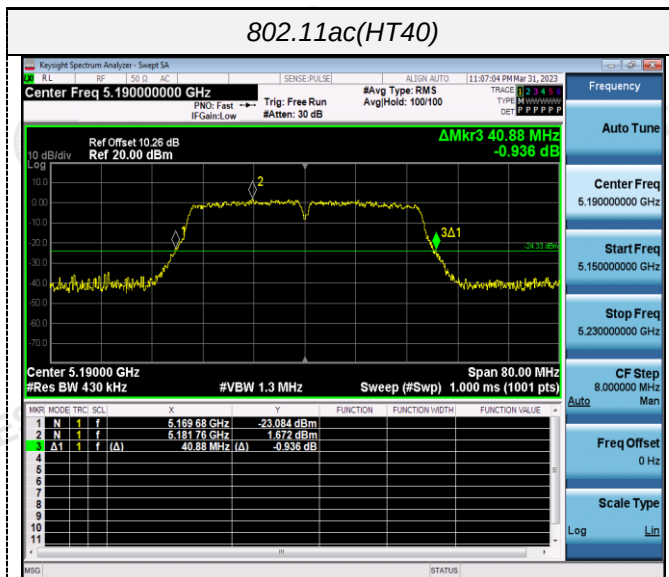


CH40

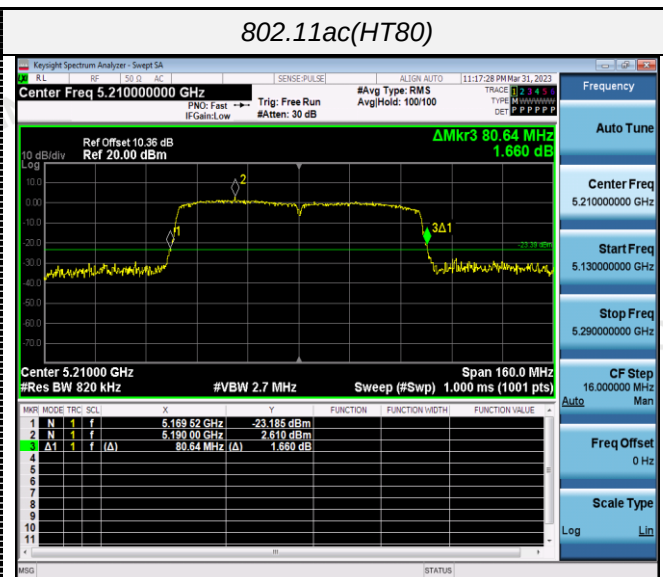


CH48

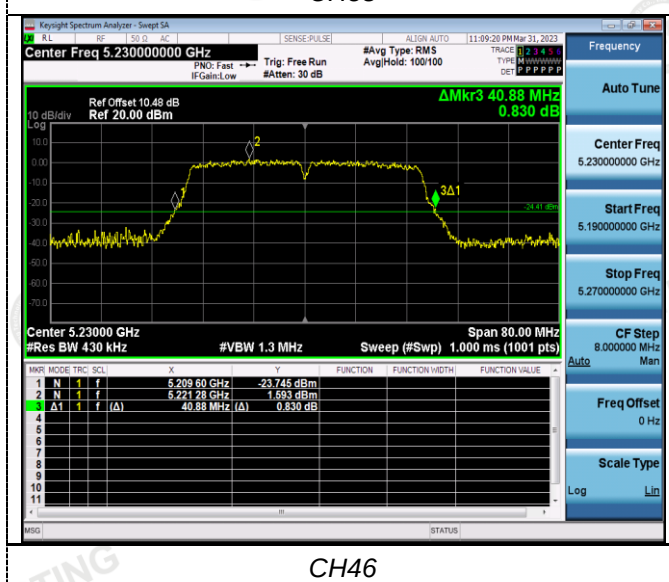
802.11ac(HT40)



802.11ac(HT80)



CH38

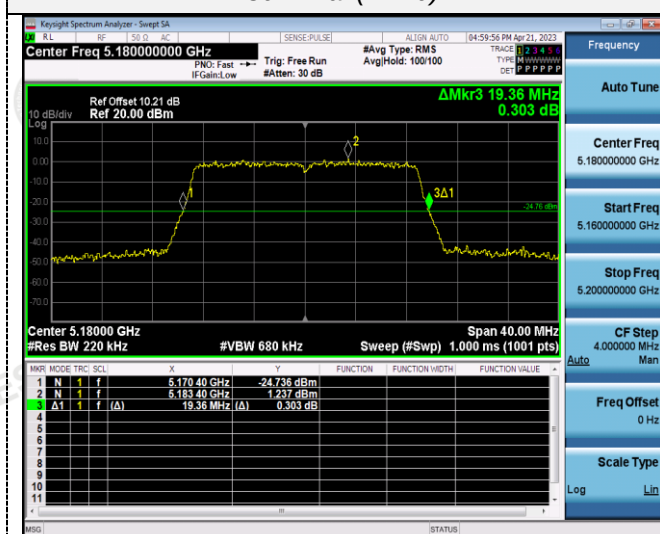


CH46

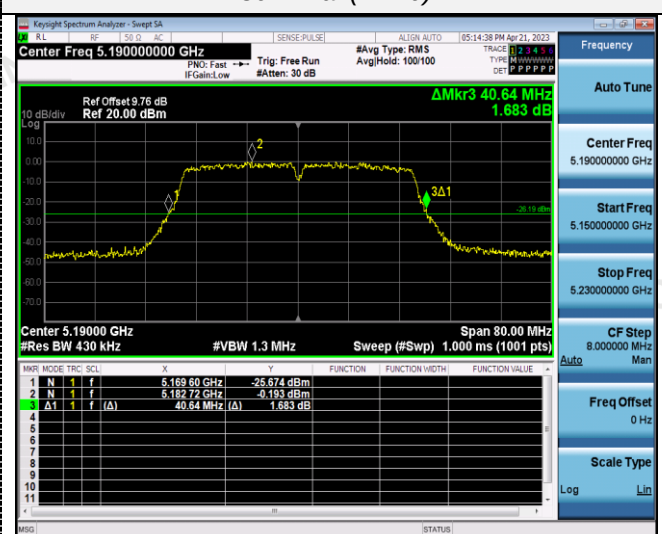
CH42



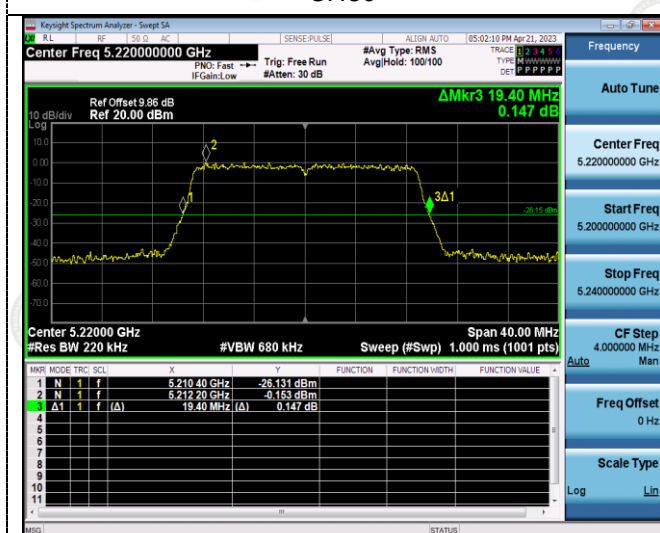
802.11ax(HT20)



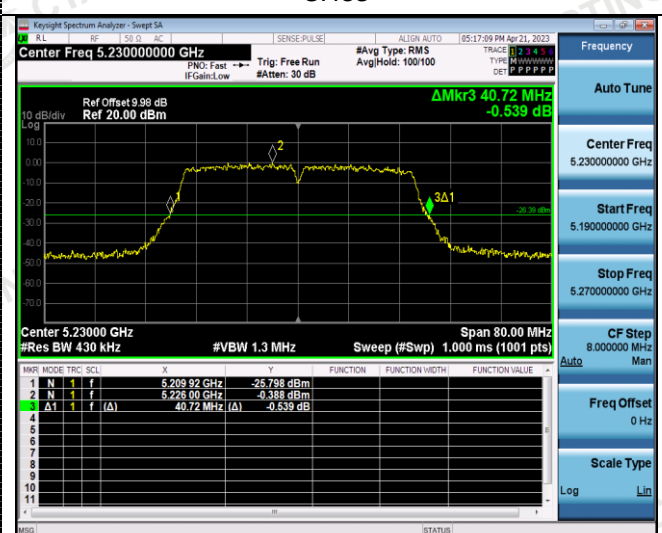
802.11ax(HT40)



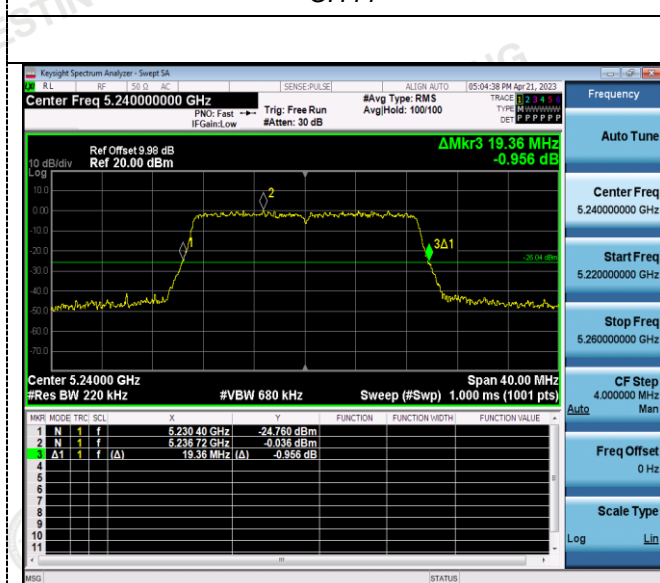
CH36



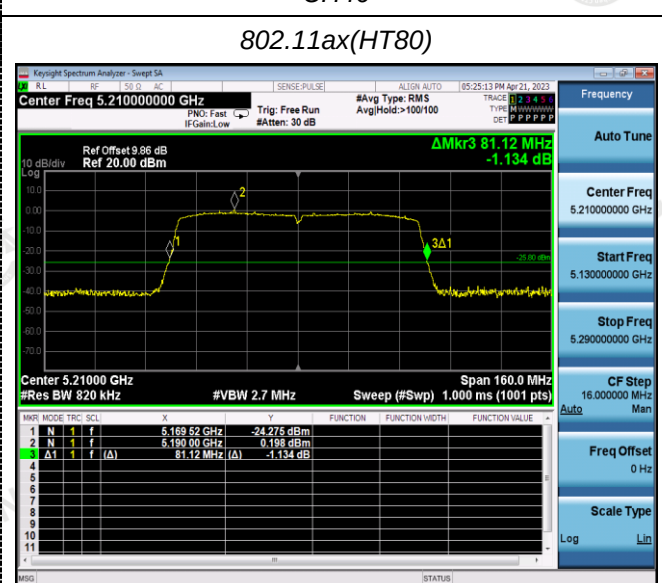
CH38



CH44



CH46



CH48

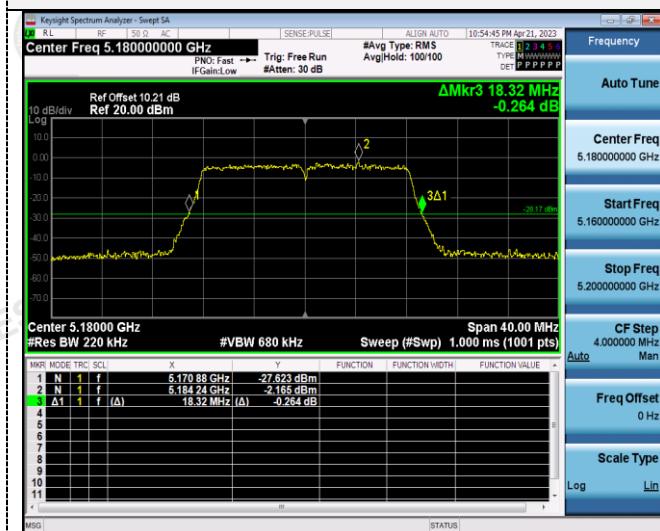


CH42

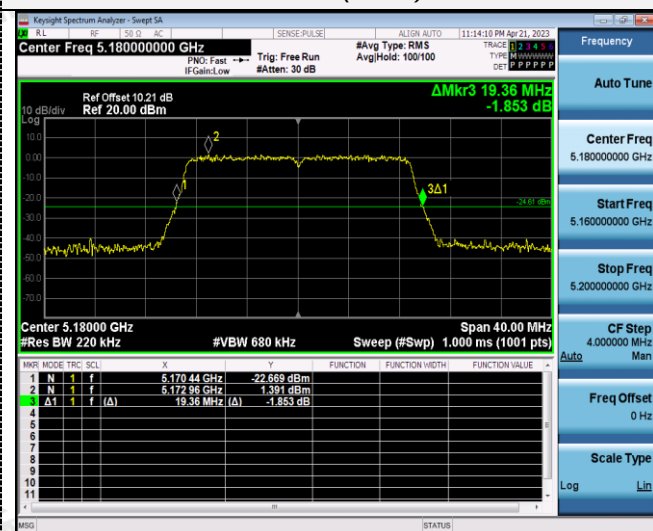


ANT 1

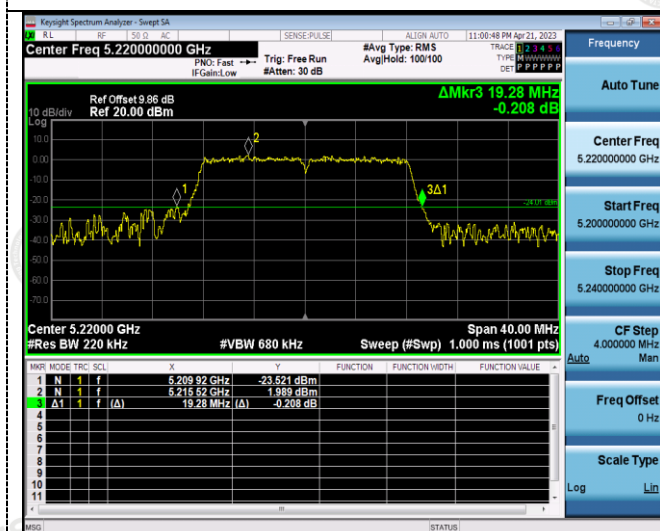
802.11a



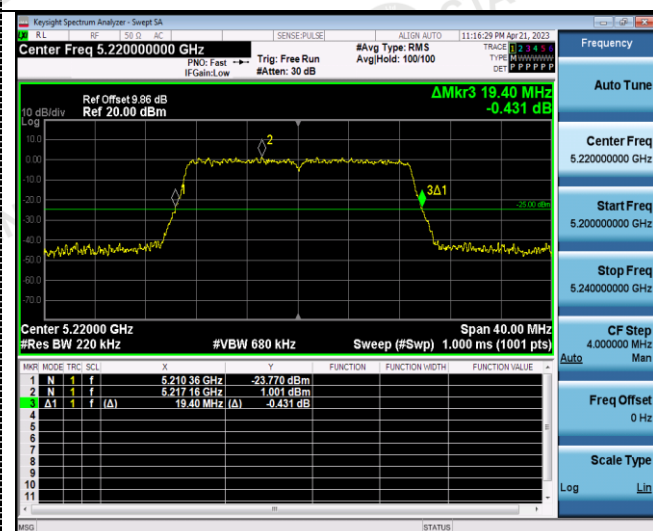
802.11n(HT20)



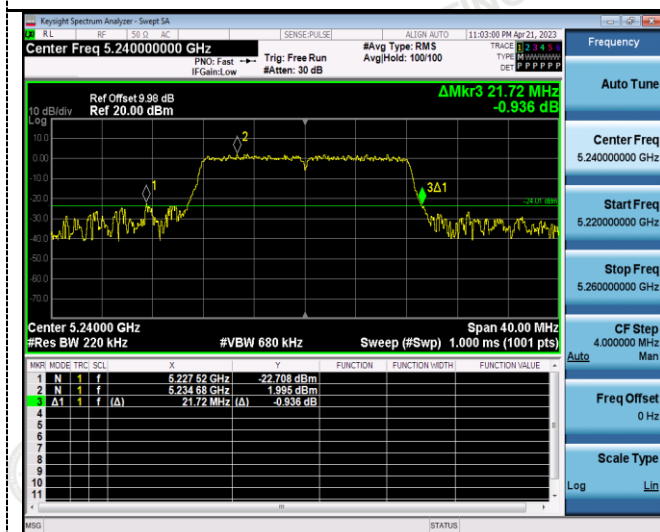
CH36



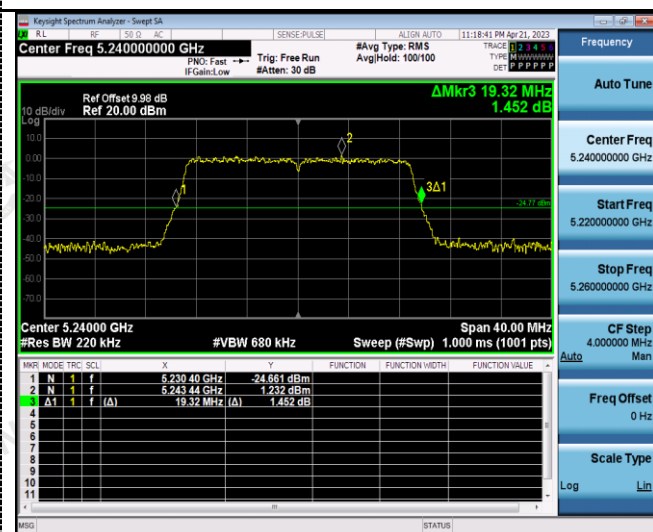
CH36



CH44



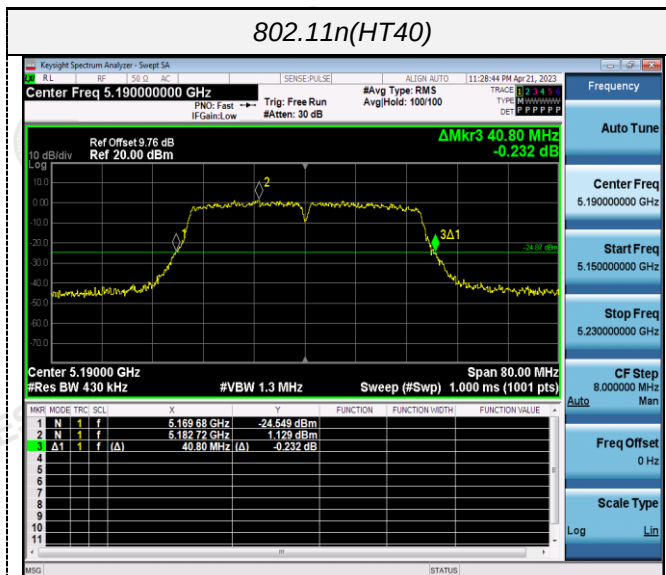
CH44



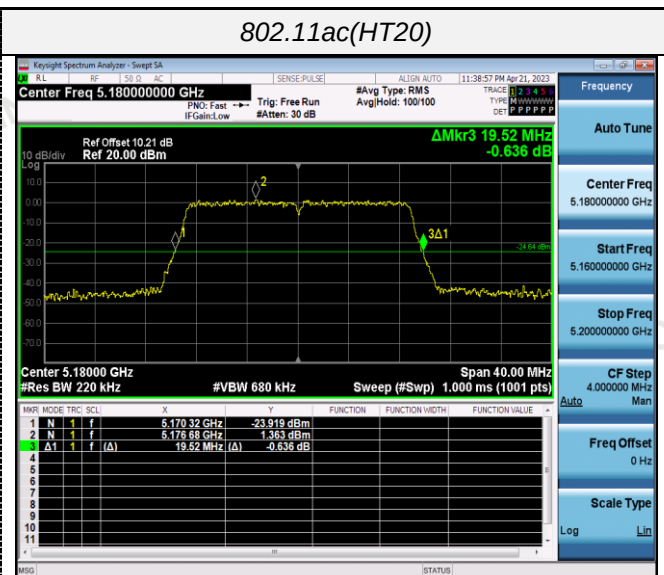
CH48

CH48

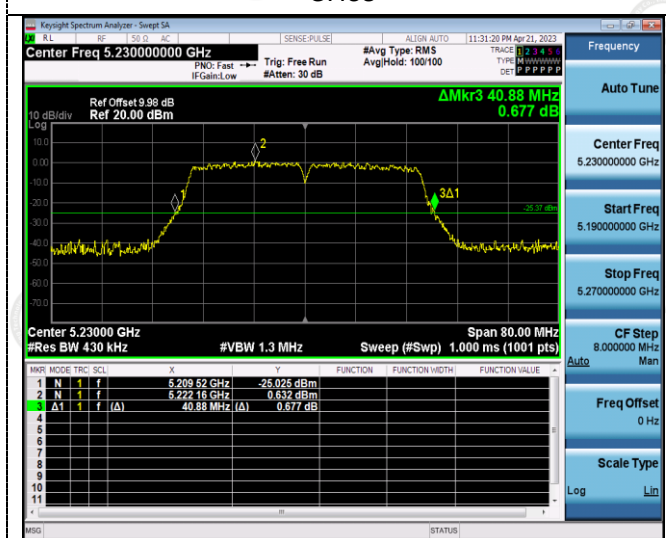
802.11n(HT40)



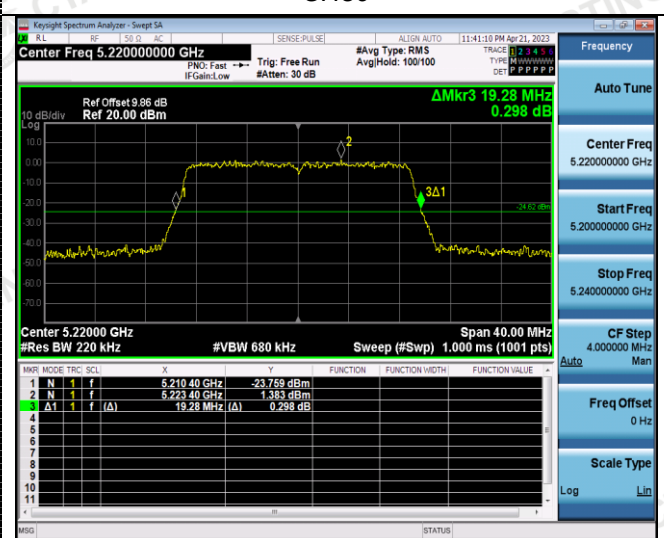
802.11ac(HT20)



CH38



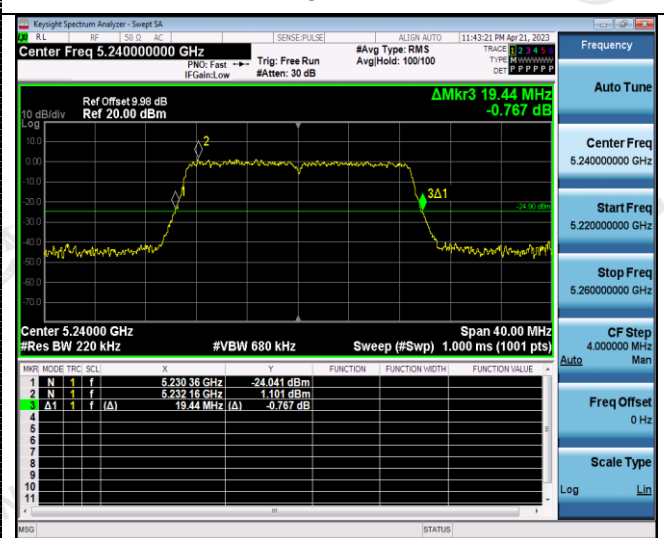
CH36



CH46

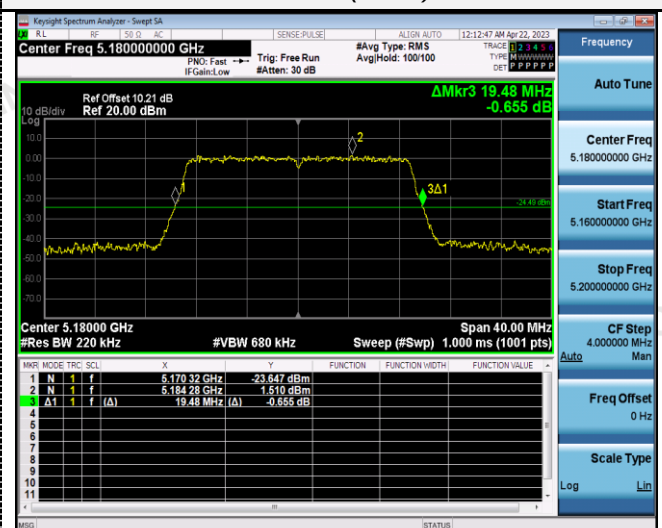


CH44



CH48

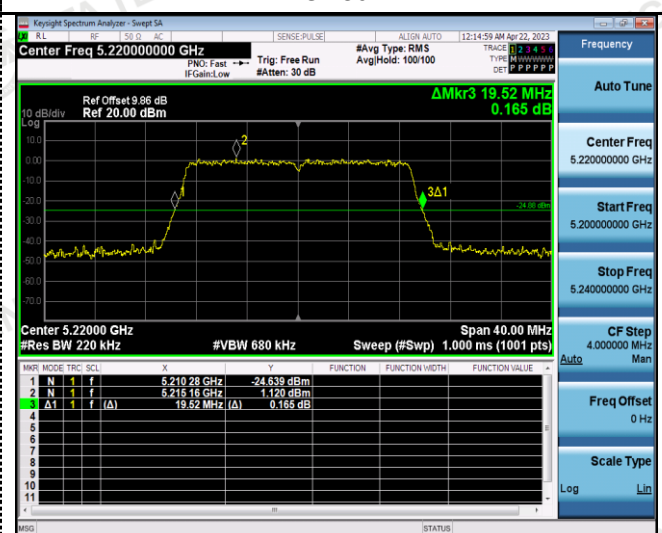
802.11ac(HT40)

802.11ax(HT20)

CH38



CH36



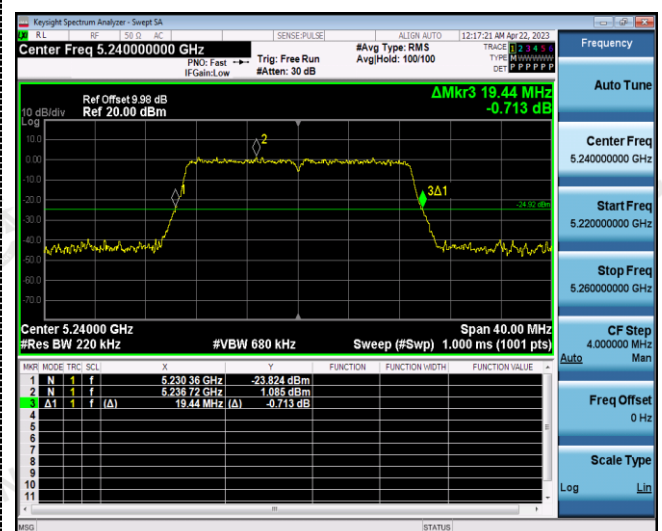
CH46

802.11ac(HT80)



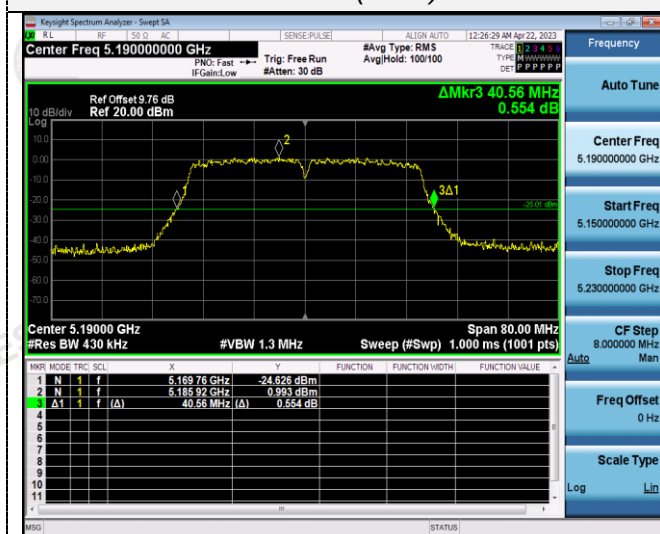
CH44

CH42

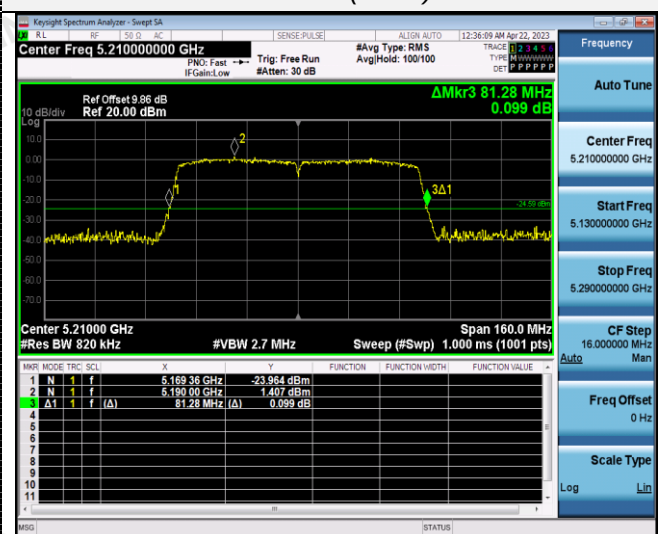


CH48

802.11ax(HT40)



802.11ax(HT80)



CH38



CH42



CH46

4.6 Minimum Emission Bandwidth (6dB Bandwidth)

Limit

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

1. Set resolution bandwidth (RBW) = 100 kHz
2. Set the video bandwidth 3 x RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Test Configuration



Test Results

ANT 0

Type	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	16.480	≥500KHz	Pass
		157	16.520		
		165	16.480		
802.11n(HT20)	U-NII 3	149	17.680		
		157	17.760		
		165	17.720		
802.11n(HT40)	U-NII 3	151	36.400		
		159	36.400		
802.11ac(HT20)	U-NII 3	149	17.720		
		157	17.640		
		165	17.760		
802.11ac(HT40)	U-NII 3	151	36.400		
		159	36.400		
802.11ac(HT80)	U-NII 3	155	76.320		
802.11ax(HT20)	U-NII 3	149	17.720		
		157	17.720		
		165	17.640		
802.11ax(HT40)	U-NII 3	151	36.400		
		159	36.320		
802.11ax(HT80)	U-NII 3	155	76.320		

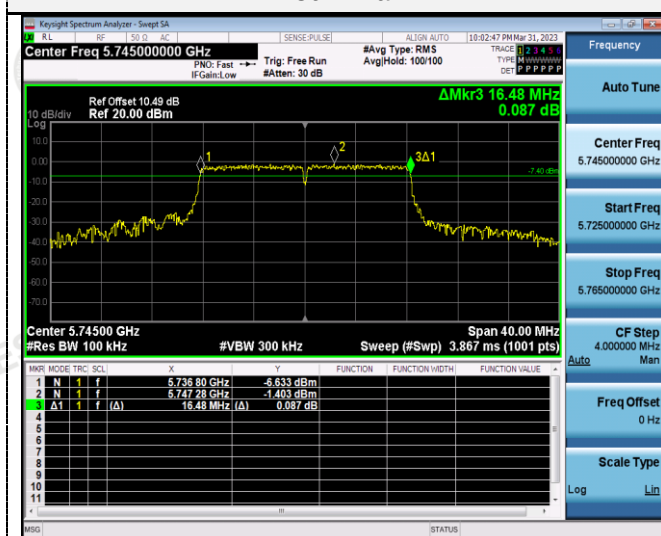
ANT 1

	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	16.440	≥500KHz	Pass
		157	16.480		
		165	16.480		
802.11n(HT20)	U-NII 3	149	17.680		
		157	17.720		
		165	17.720		
802.11n(HT40)	U-NII 3	151	36.400		
		159	36.400		
802.11ac(HT20)	U-NII 3	149	17.680		
		157	17.680		
		165	17.640		
802.11ac(HT40)	U-NII 3	151	36.400		
		159	36.400		
802.11ac(HT80)	U-NII 3	155	76.320		
802.11ax(HT20)	U-NII 3	149	17.720		
		157	17.680		
		165	17.640		
802.11ax(HT40)	U-NII 3	151	36.400		
		159	36.400		
802.11ax(HT80)	U-NII 3	155	76.320		

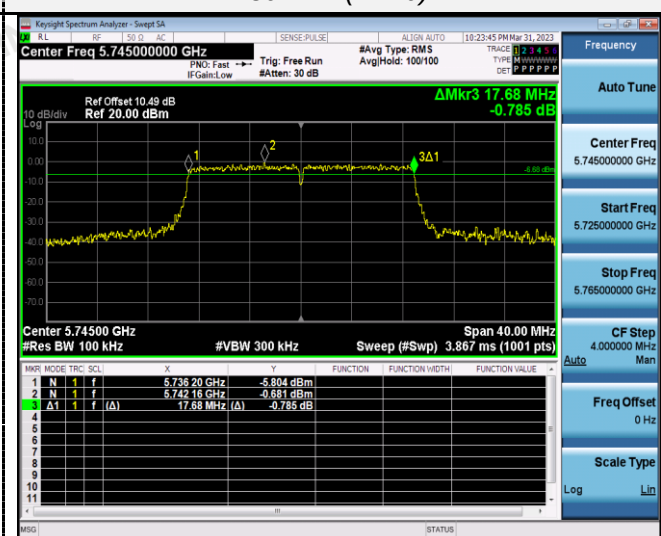
Test plot as follows:

ANT0

802.11a



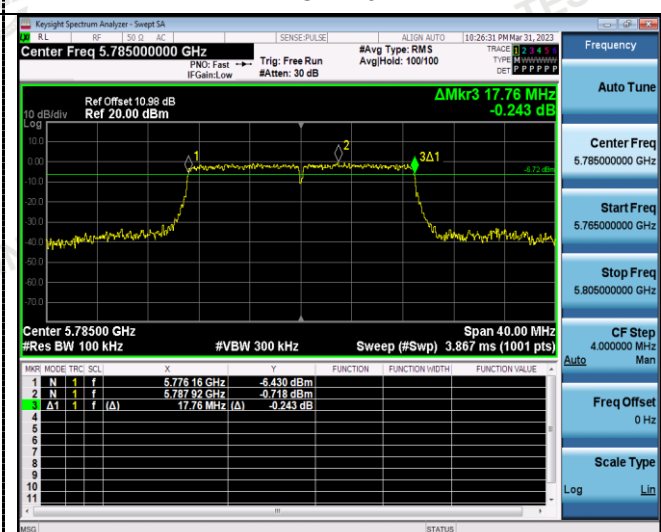
802.11n(HT20)



CH149



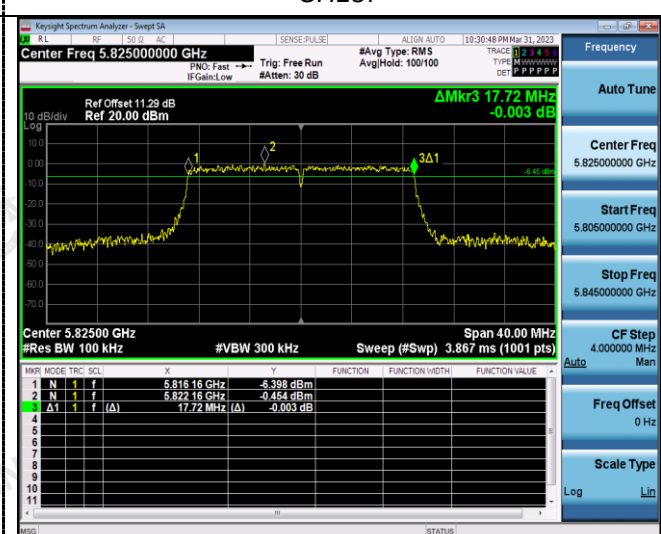
CH149



CH157



CH157



CH165



CH165

