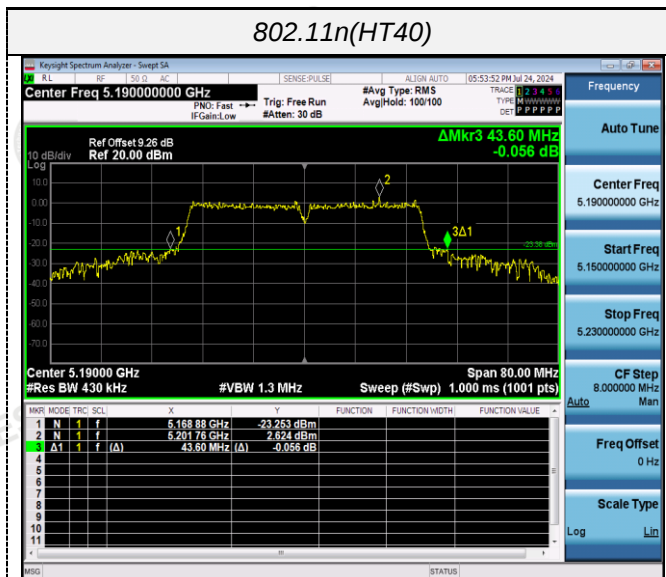
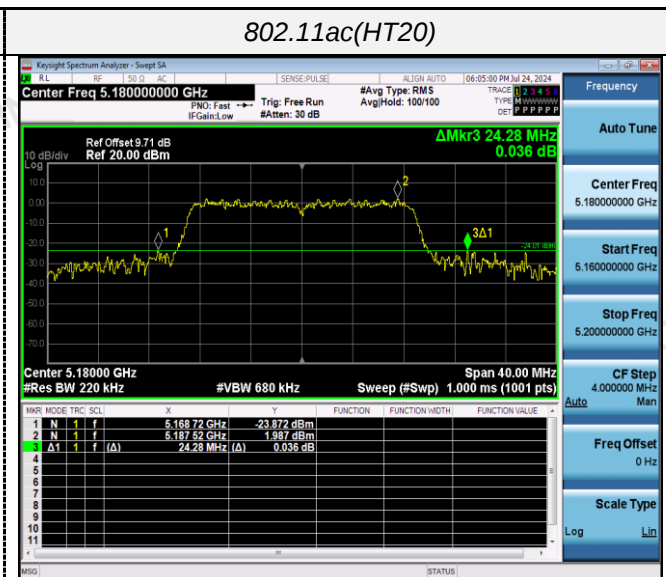


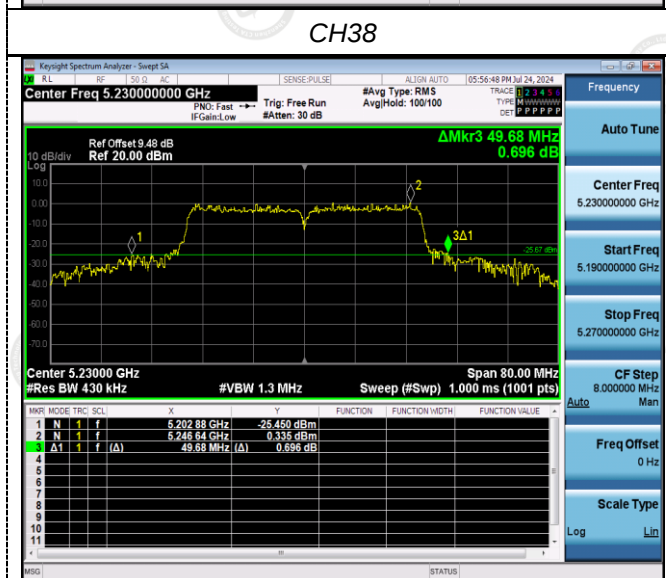
802.11n(HT40)



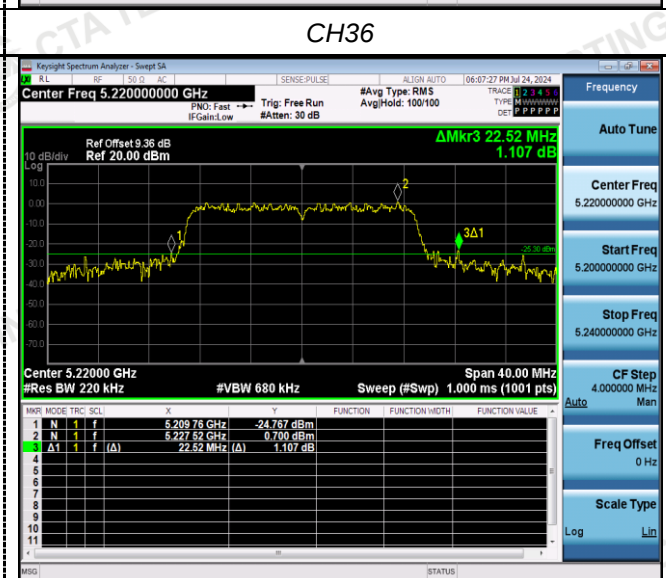
802.11ac(HT20)



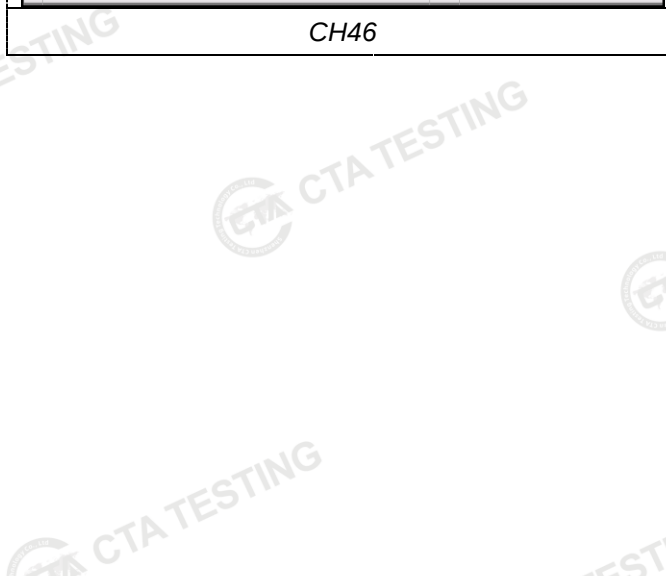
CH38



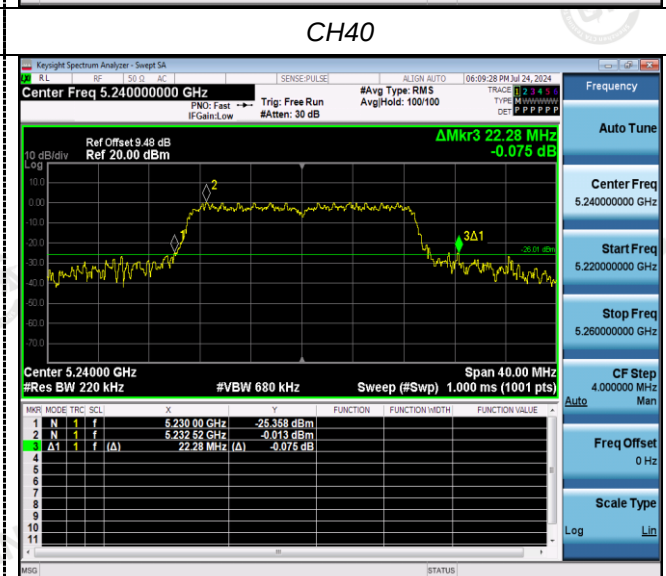
CH36



CH46

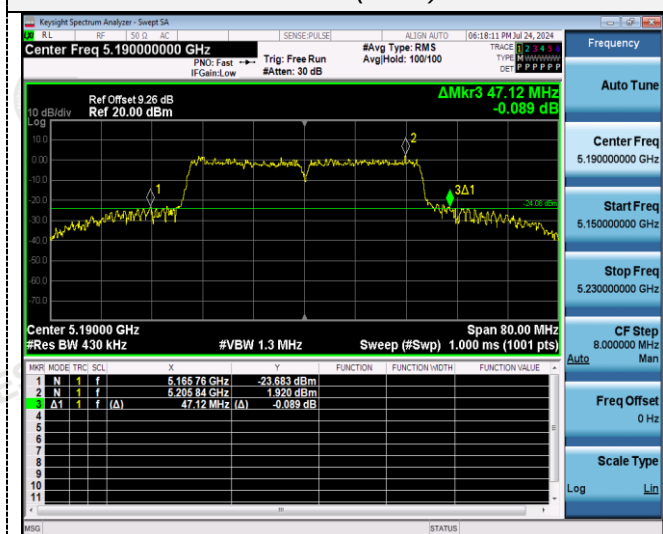


CH40

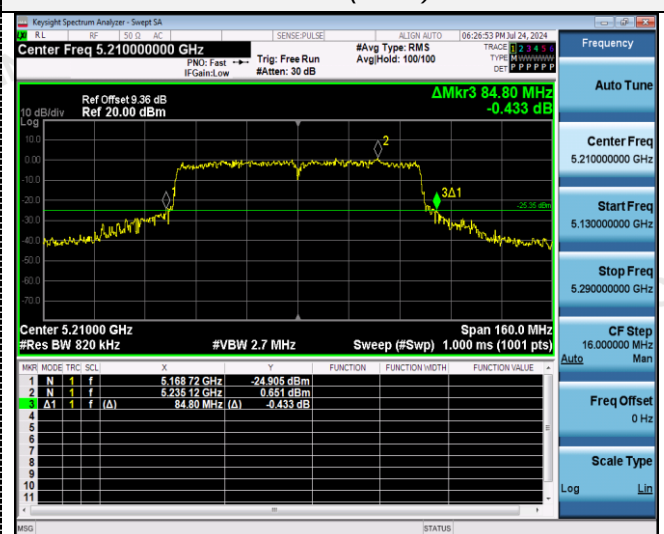


CH48

802.11ac(HT40)



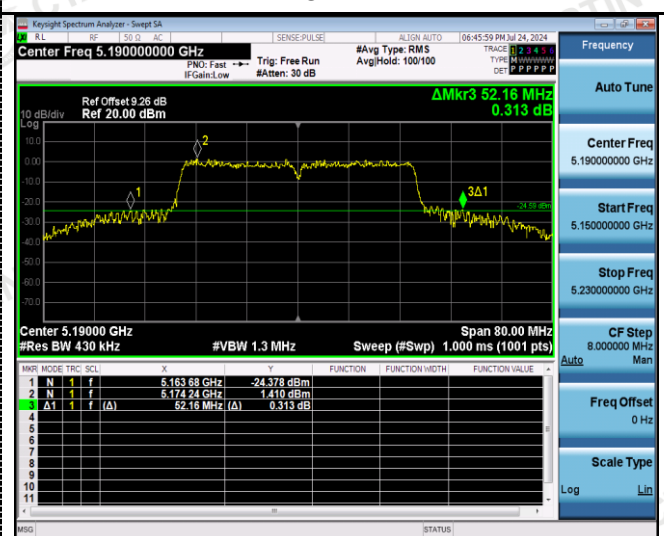
802.11ac(HT80)



CH38



CH42

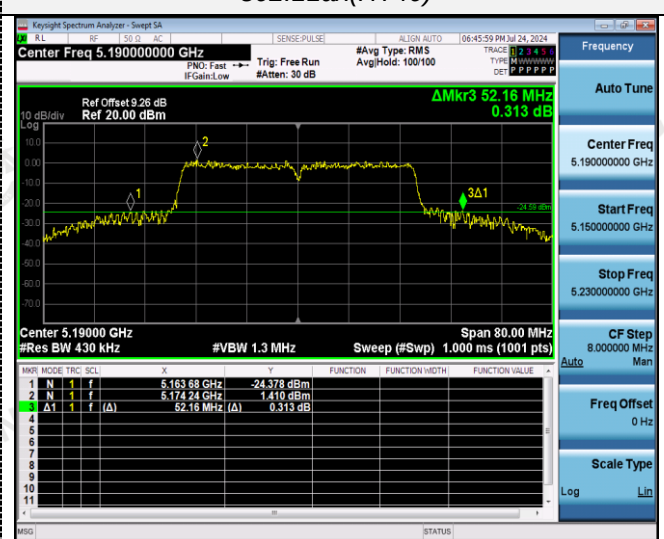


CH46

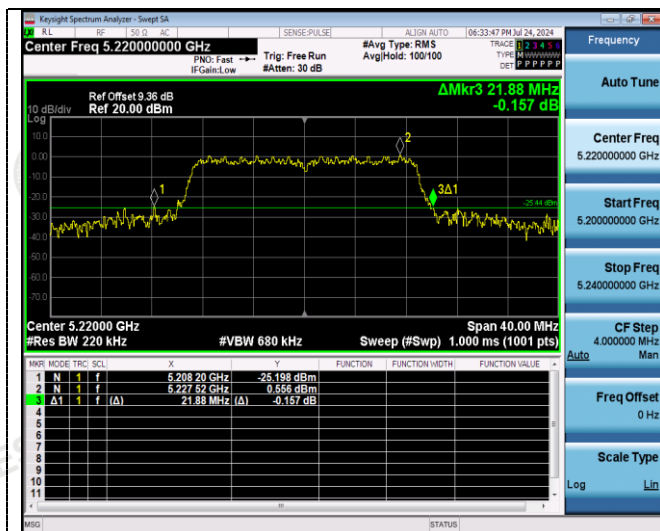


CH36

802.11ax(HT40)



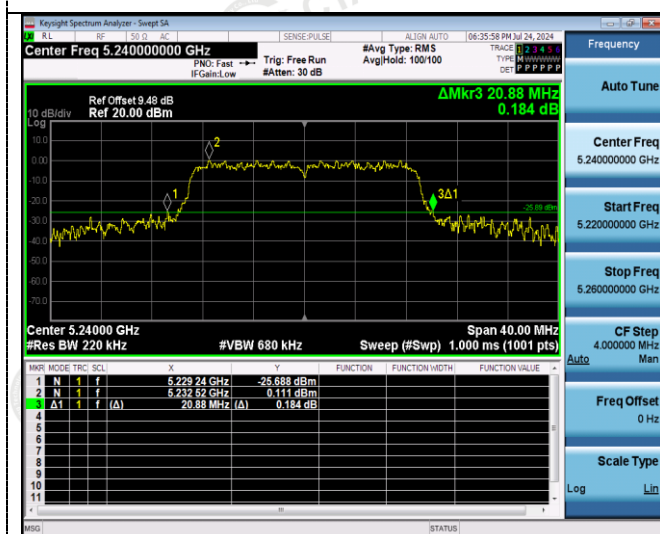
CH38



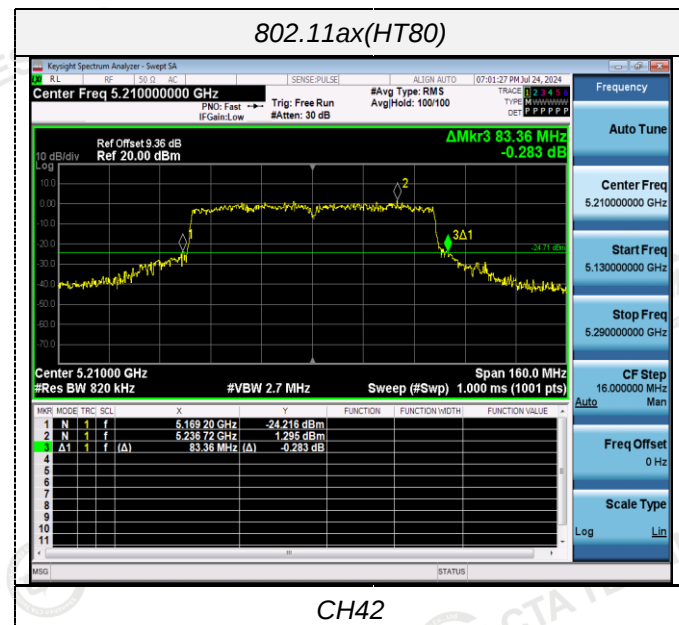
CH40



CH46



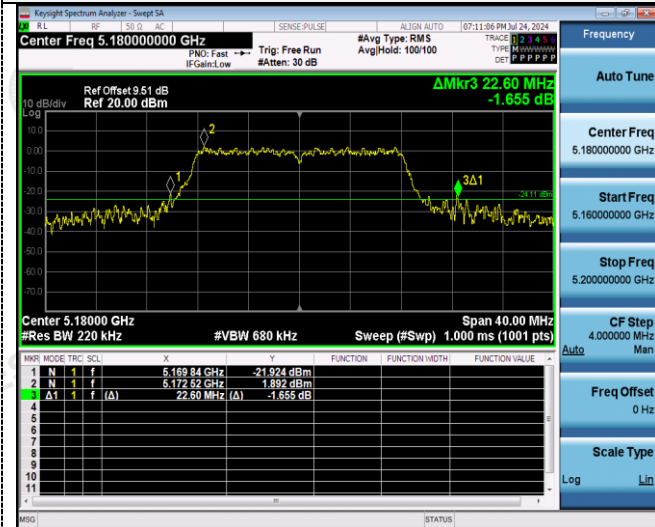
CH48



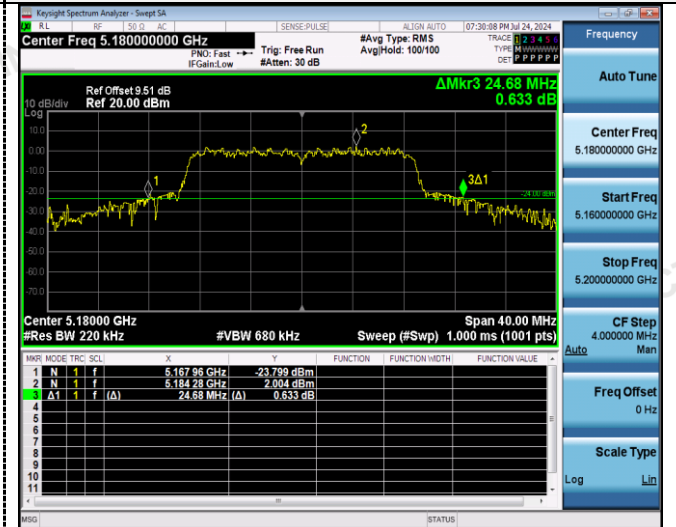
CH42

Ant2:

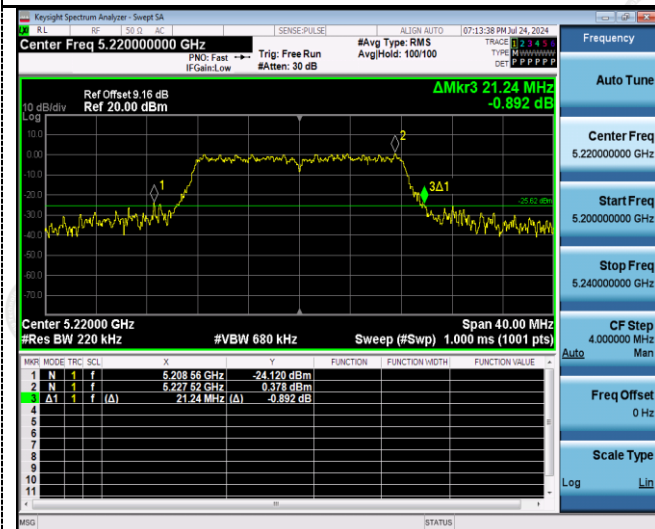
802.11a



802.11n(HT20)



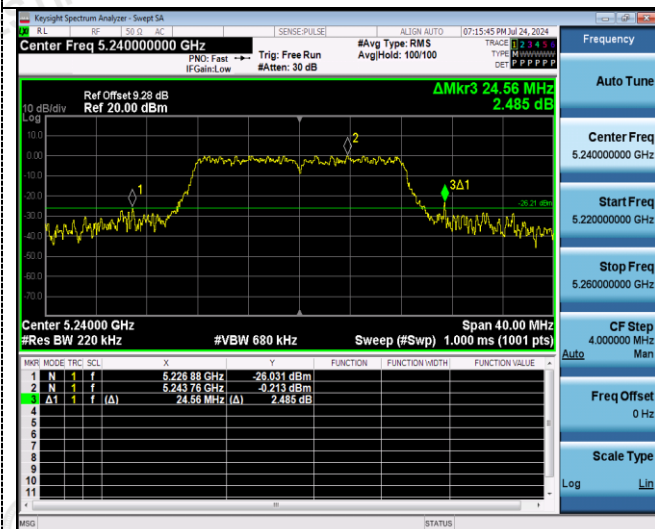
CH36



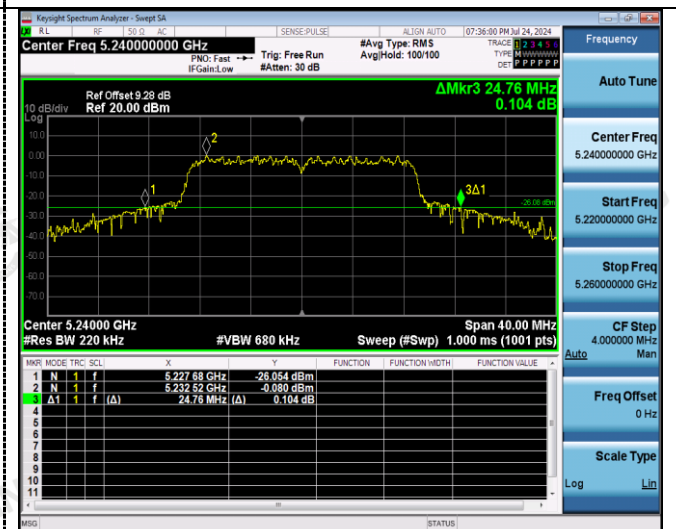
CH36



CH40



CH40



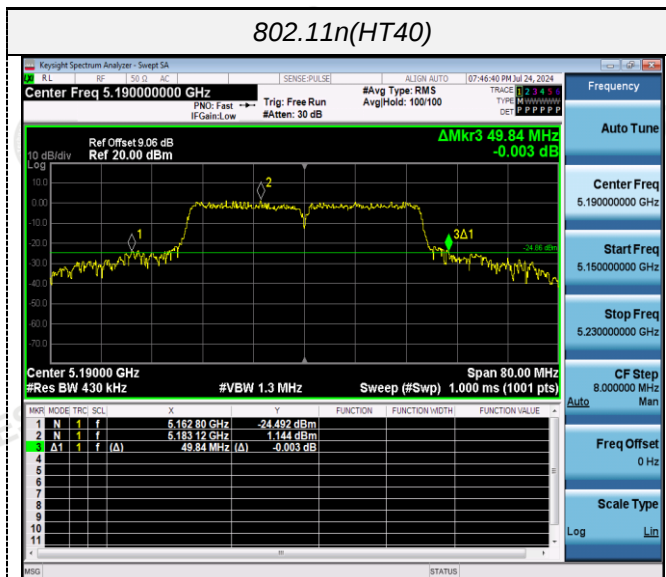
CH48



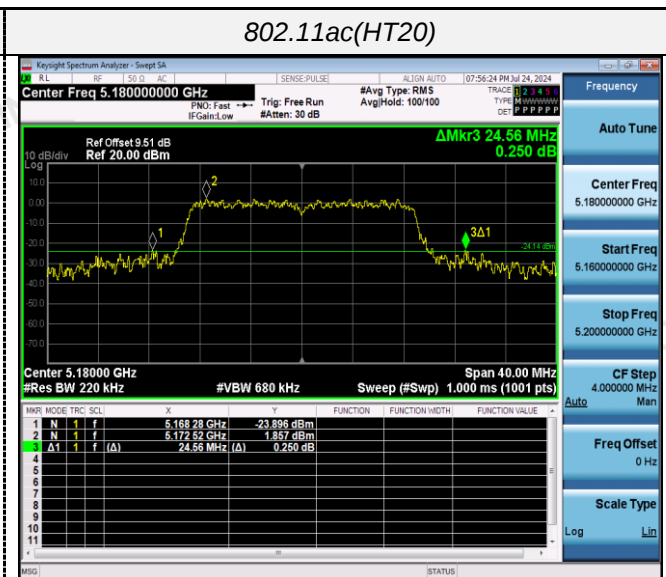
CH48



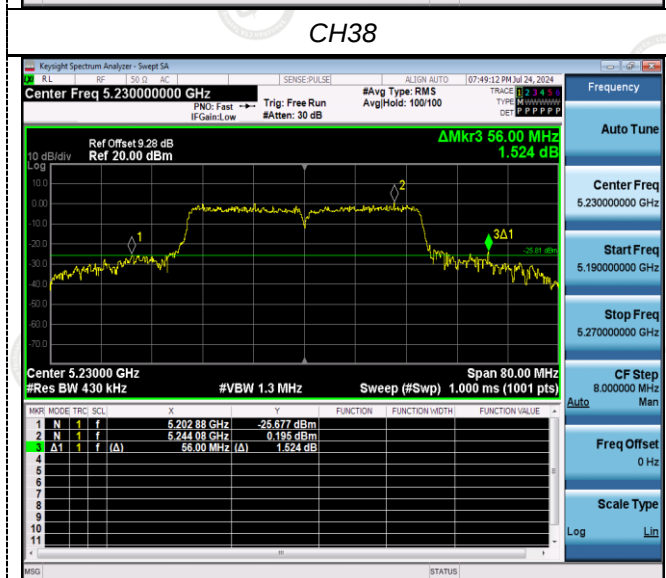
802.11n(HT40)



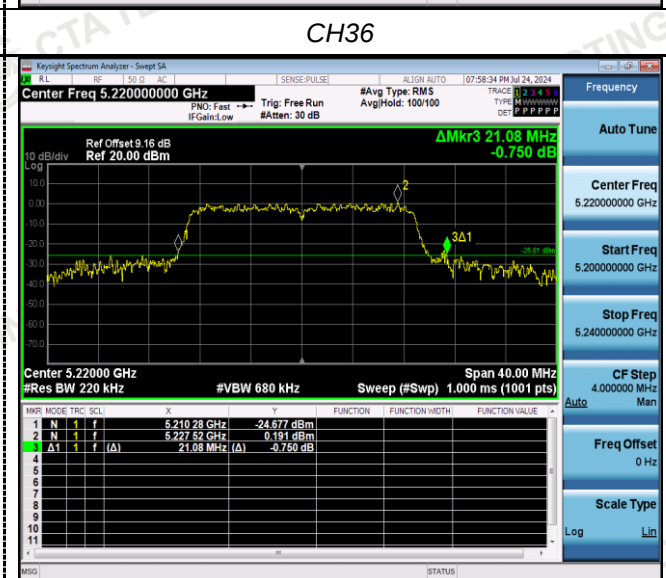
802.11ac(HT20)



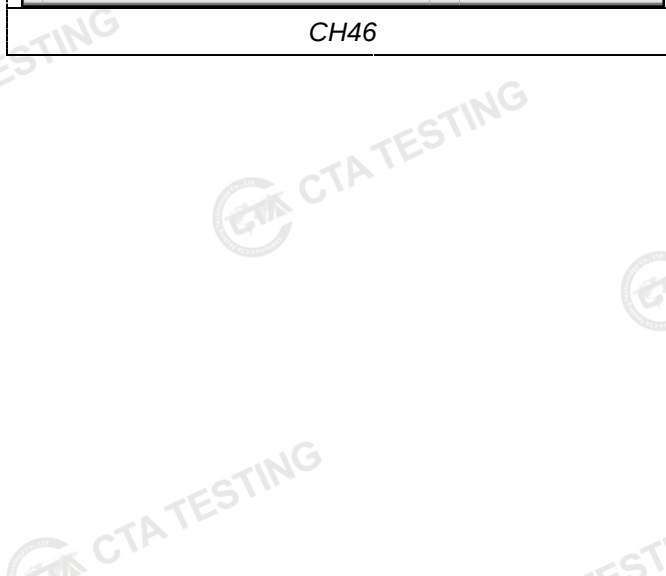
CH38



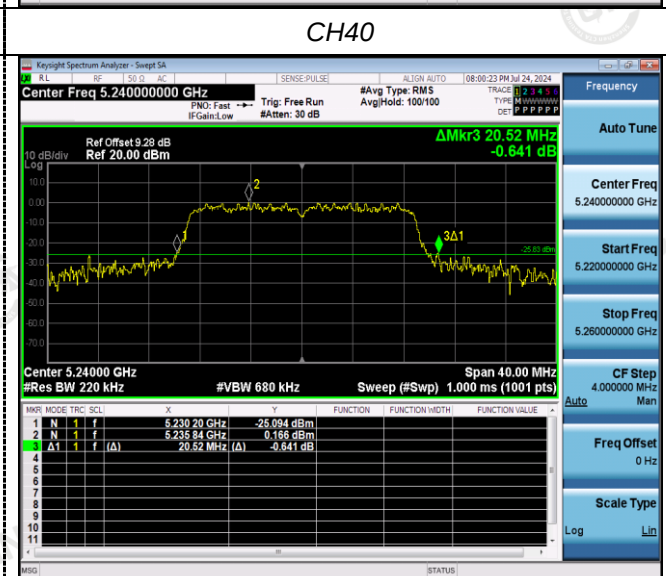
CH36



CH46

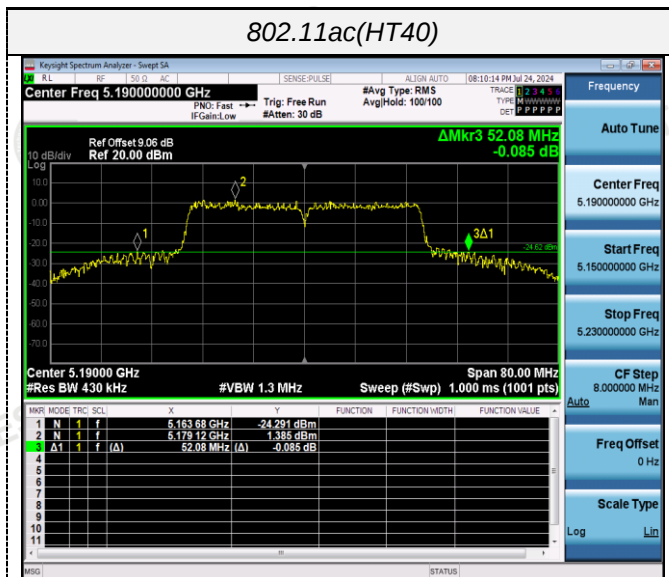


CH40

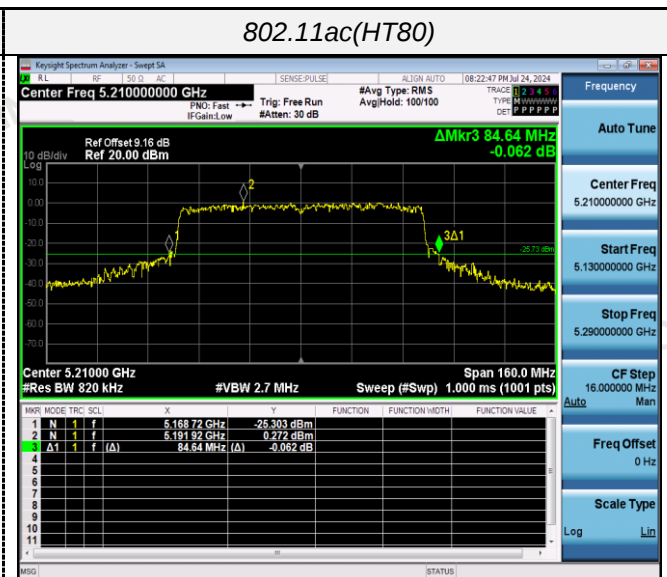


CH48

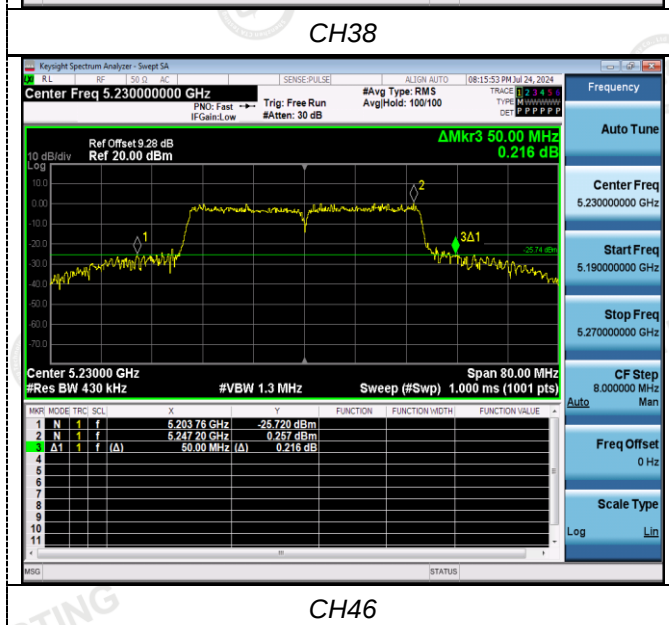
802.11ac(HT40)



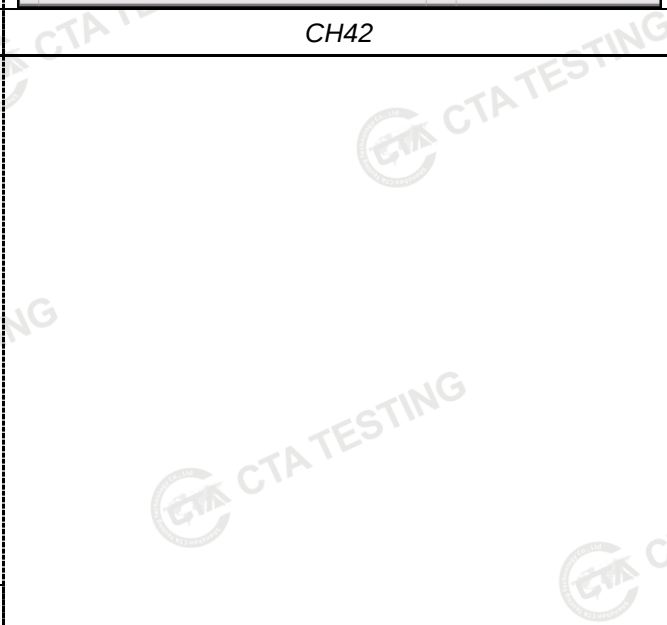
802.11ac(HT80)



CH38

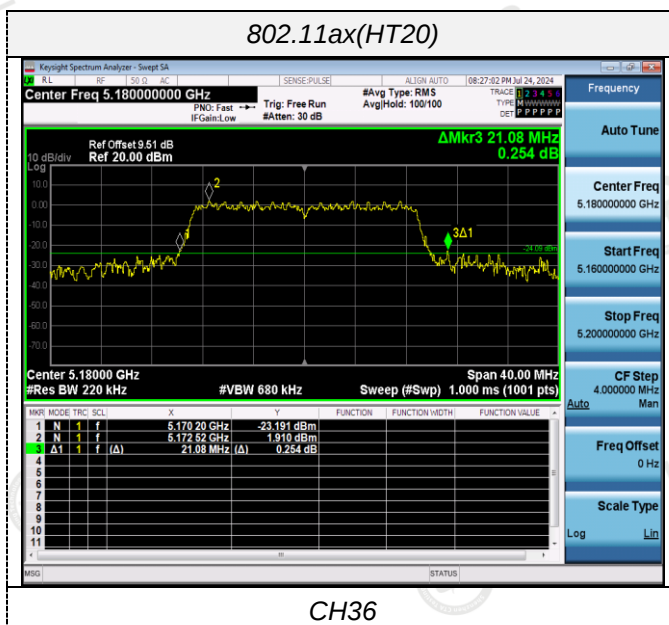


CH42

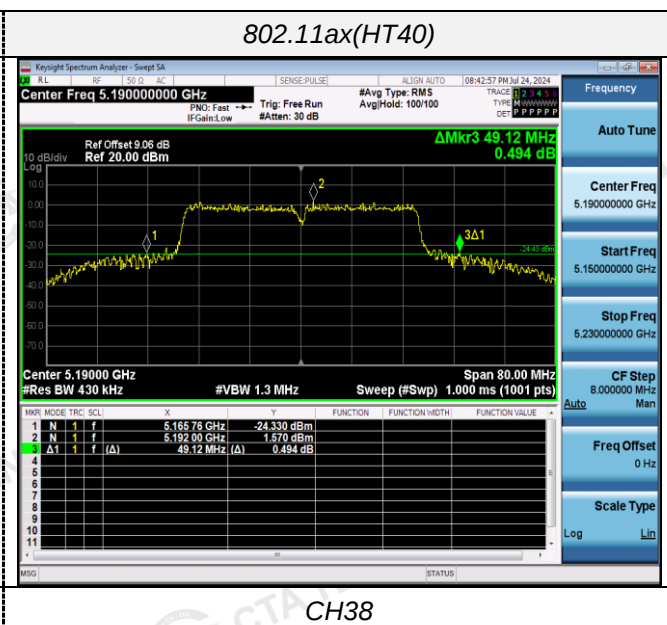


CH46

802.11ax(HT20)

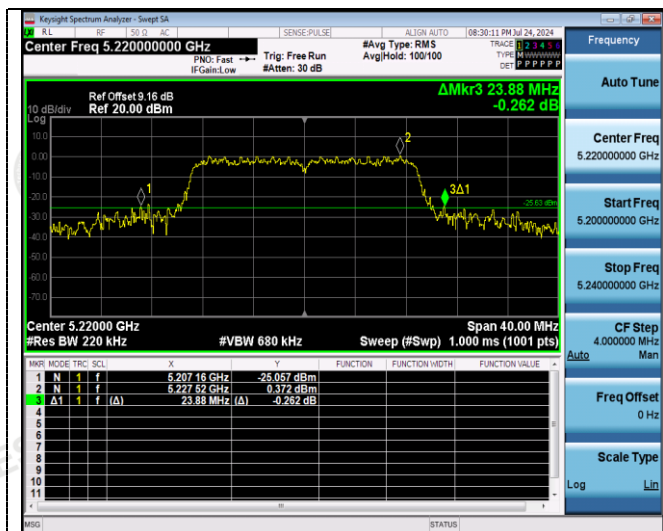


802.11ax(HT40)

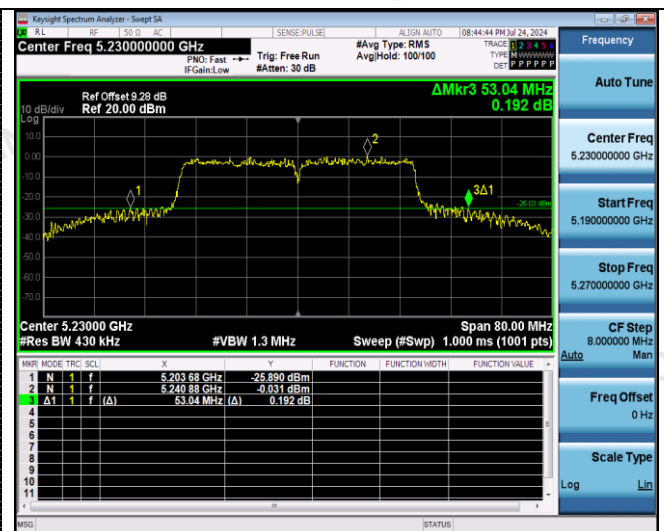


CH36

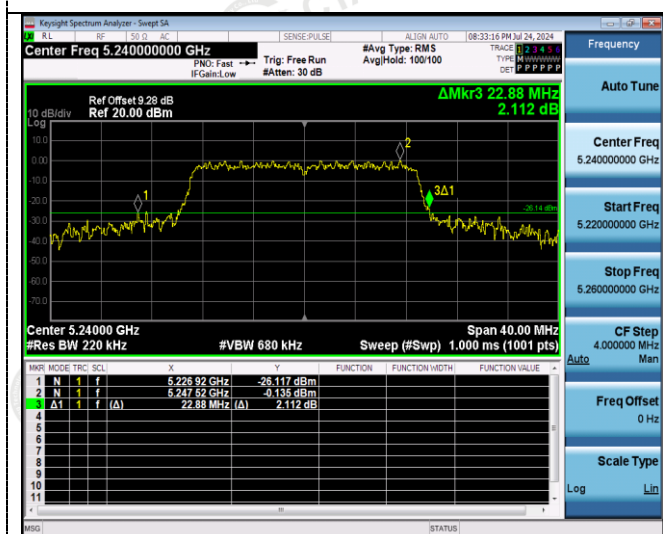
CH38



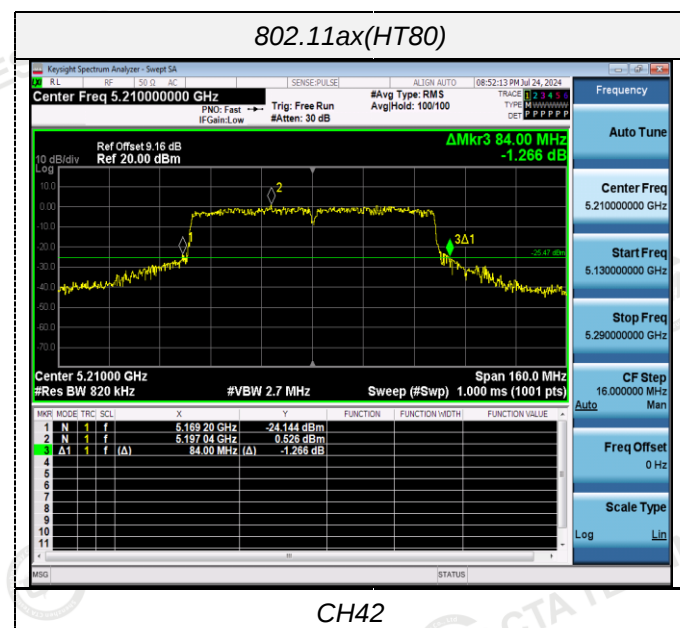
CH40



CH46



CH48



CH42

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

Ant1:

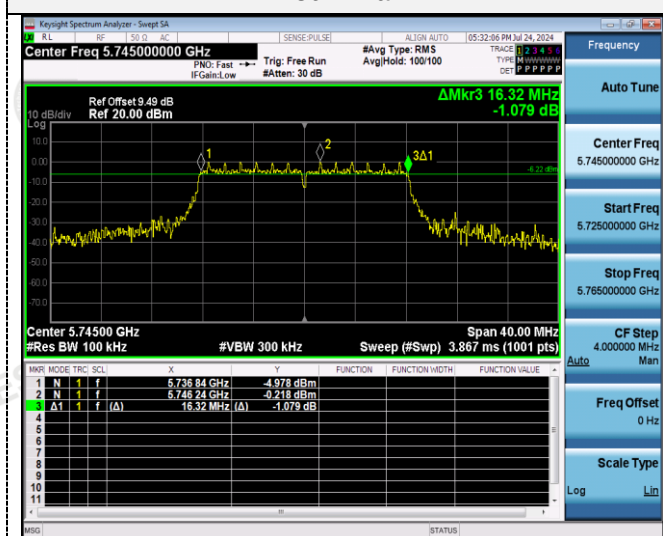
Type	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	16.320	≥500KHz	Pass
		157	16.280		
		165	16.320		
802.11n(HT20)	U-NII 3	149	17.120		
		157	17.000		
		165	17.280		
802.11n(HT40)	U-NII 3	151	35.840		
		159	35.440		
802.11ac(HT20)	U-NII 3	149	17.080		
		157	16.840		
		165	17.000		
802.11ac(HT40)	U-NII 3	151	35.520		
		159	35.840		
802.11ac(HT80)	U-NII 3	155	75.200		
802.11ax(HT20)	U-NII 3	149	17.120		
		157	16.880		
		165	17.000		
802.11ax(HT40)	U-NII 3	151	35.760		
		159	35.600		
802.11ax(HT80)	U-NII 3	155	75.200		

Ant2:

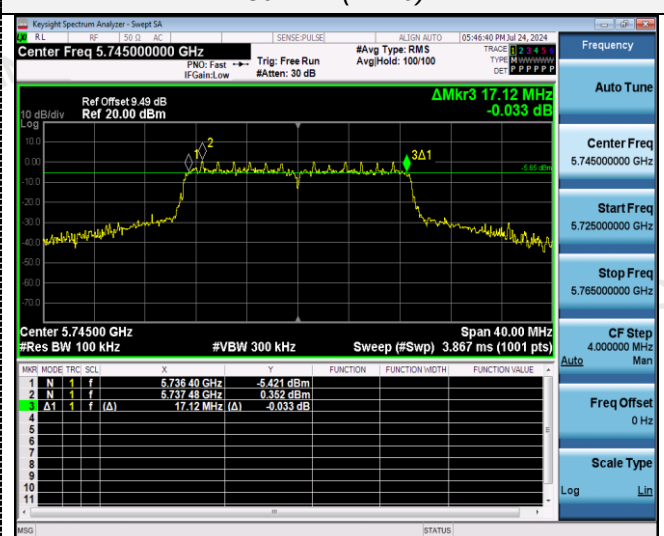
Type	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	16.320	≥500KHz	Pass
		157	16.320		
		165	16.320		
802.11n(HT20)	U-NII 3	149	16.960		
		157	16.880		
		165	17.120		
802.11n(HT40)	U-NII 3	151	35.440		
		159	35.760		
802.11ac(HT20)	U-NII 3	149	16.760		
		157	16.920		
		165	17.120		
802.11ac(HT40)	U-NII 3	151	35.600		
		159	35.440		
802.11ac(HT80)	U-NII 3	155	75.200		
802.11ax(HT20)	U-NII 3	149	17.200		
		157	16.600		
		165	17.240		
802.11ax(HT40)	U-NII 3	151	35.520		
		159	35.680		
802.11ax(HT80)	U-NII 3	155	75.360		

Test plot as follows:

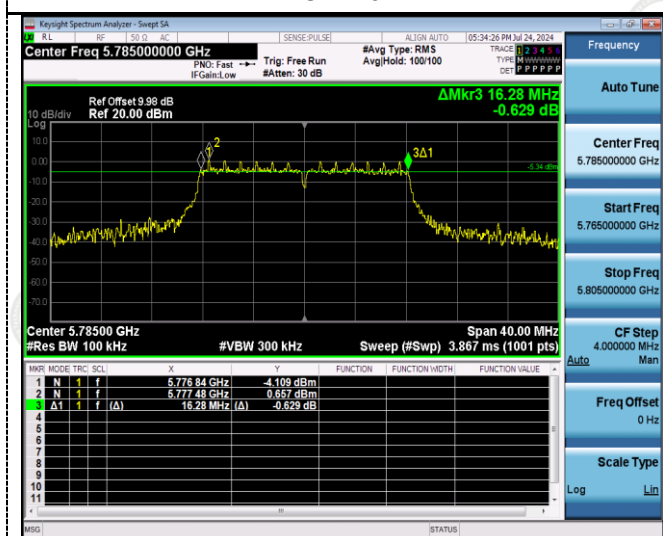
802.11a



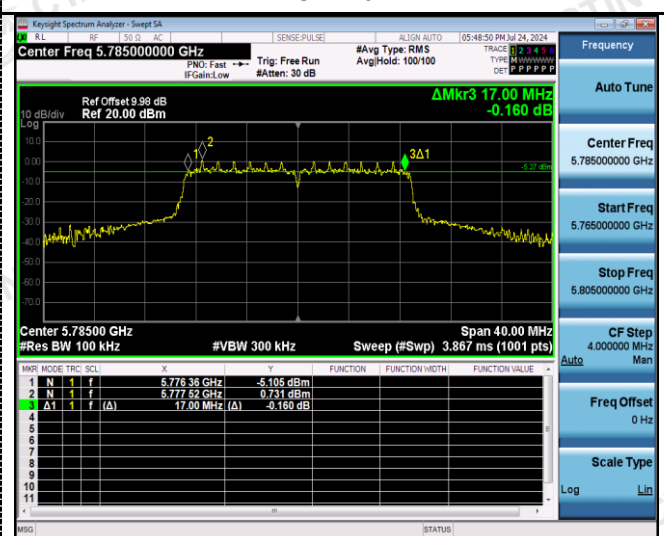
802.11n(HT20)



CH149



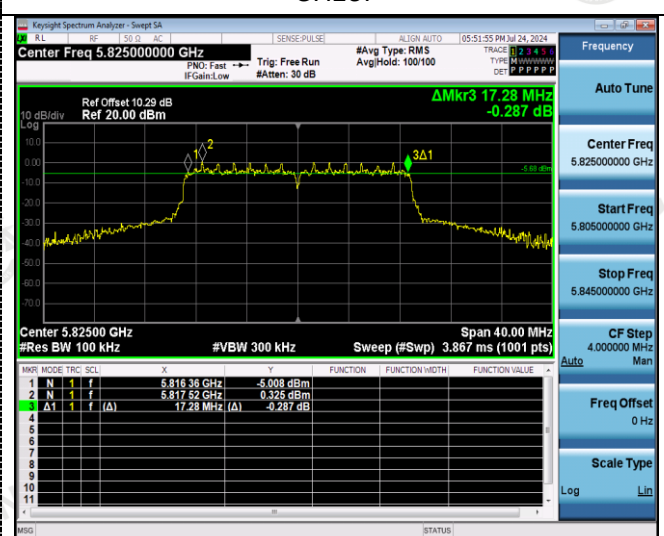
CH149



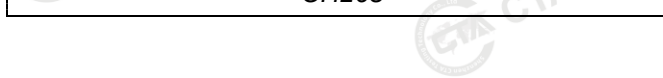
CH157



CH157



CH165



CH165

