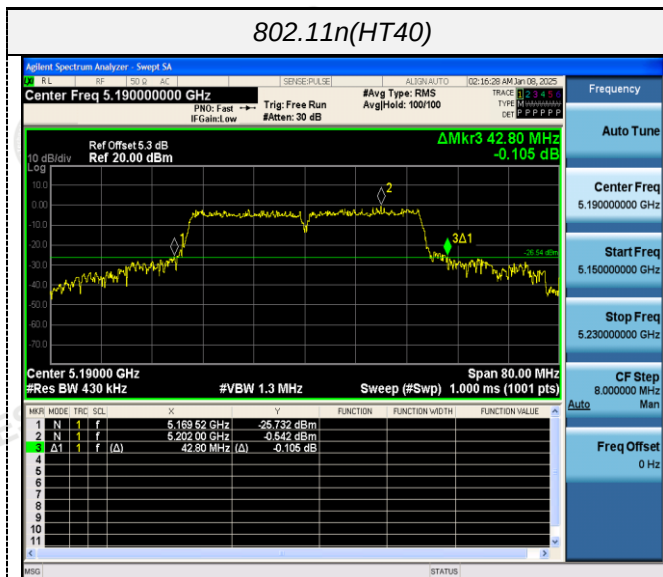
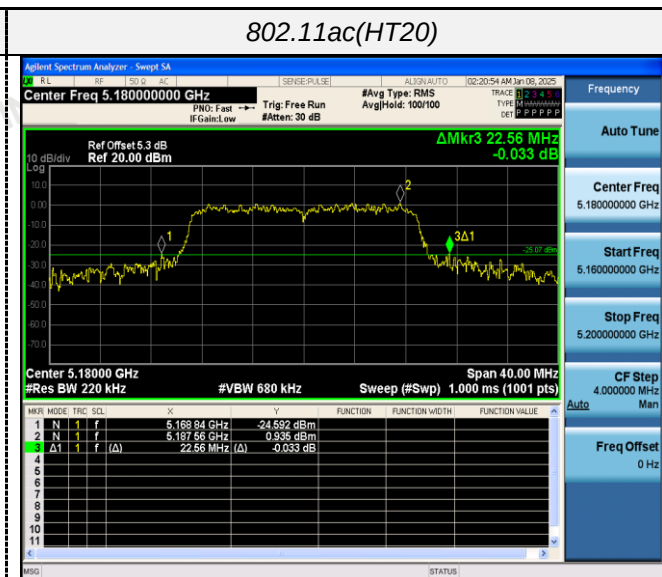


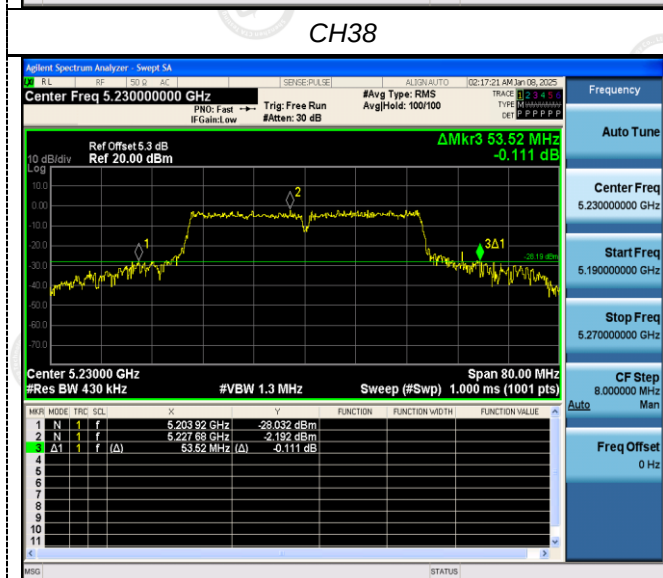
802.11n(HT40)



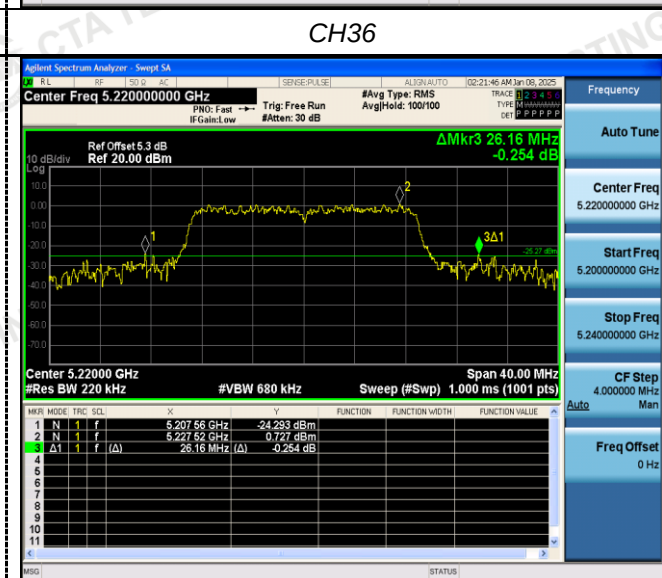
802.11ac(HT20)



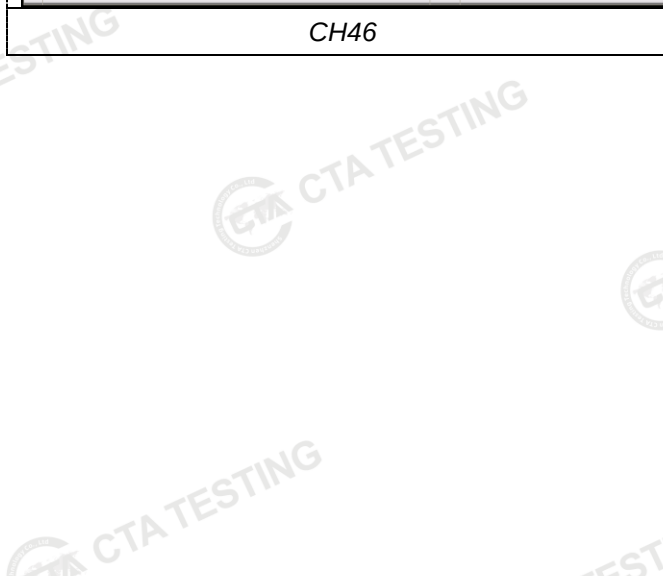
CH38



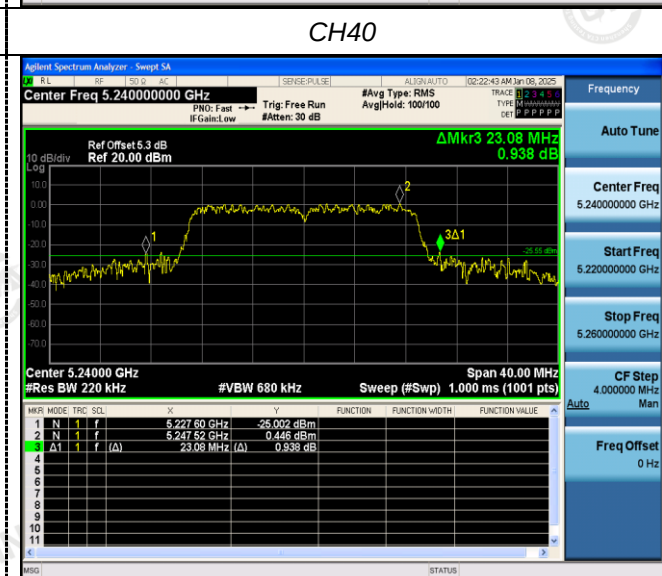
CH36



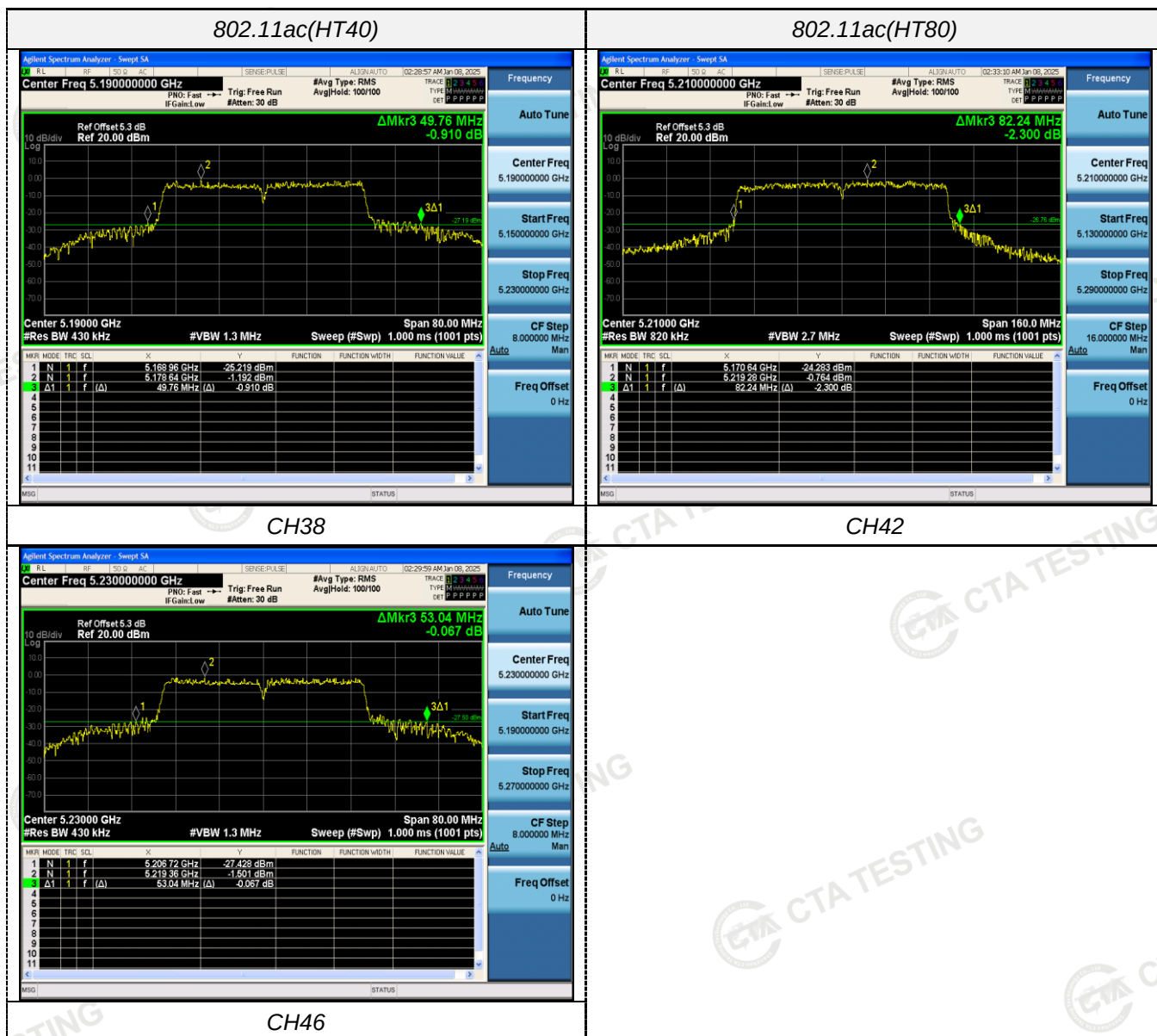
CH46



CH40



CH48



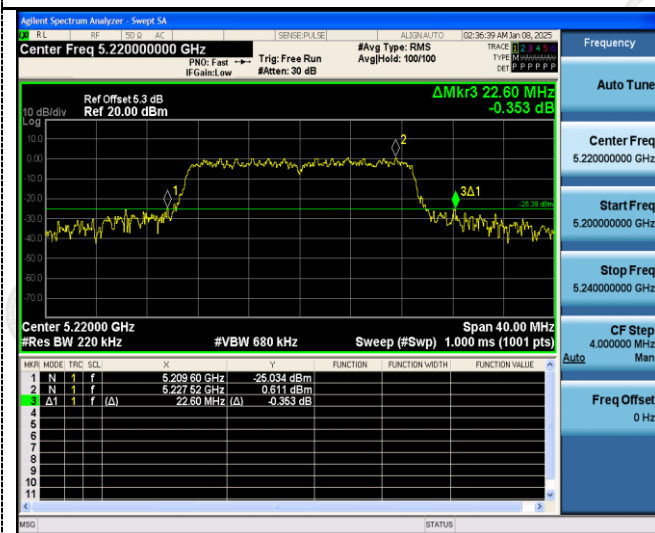
802.11ax(HT20)



802.11ax(HT40)



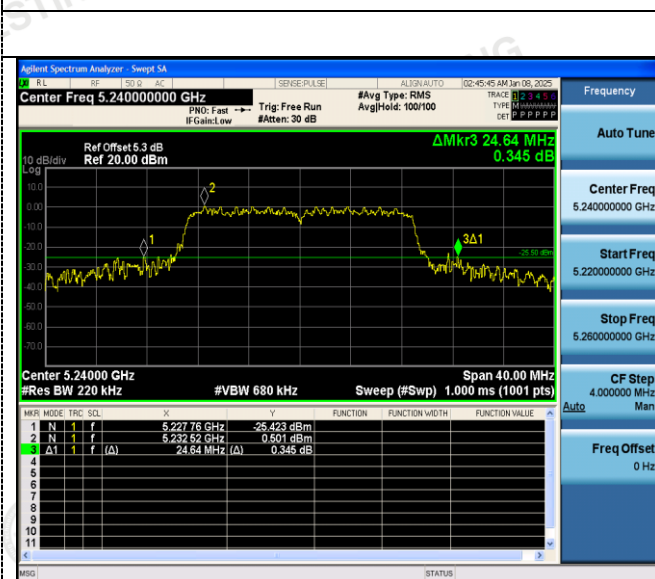
CH36



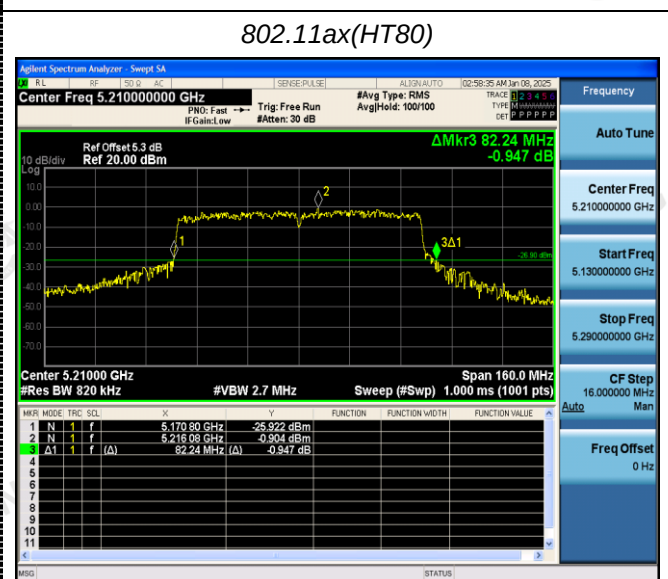
CH38



CH44



CH46



CH48



CH42



ANT 2

802.11a



802.11n(HT20)



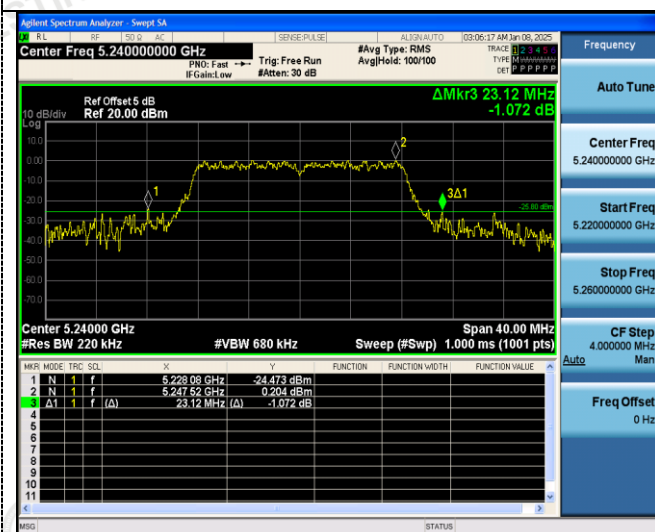
CH36



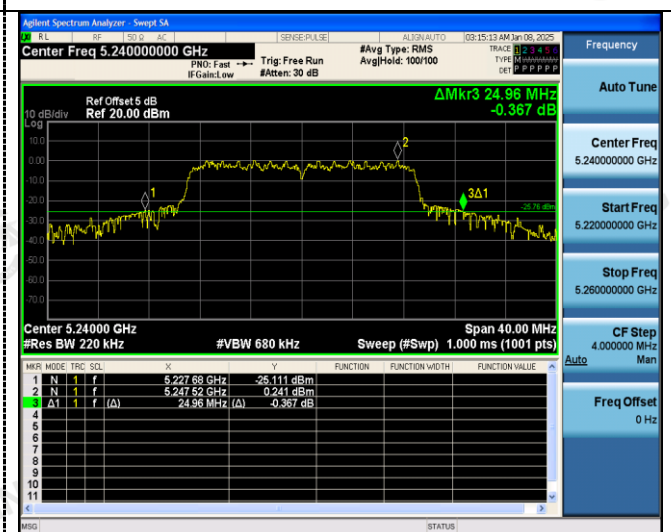
CH36



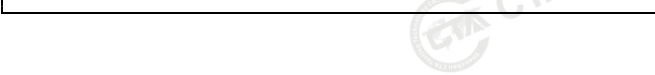
CH40



CH40



CH48



CH48



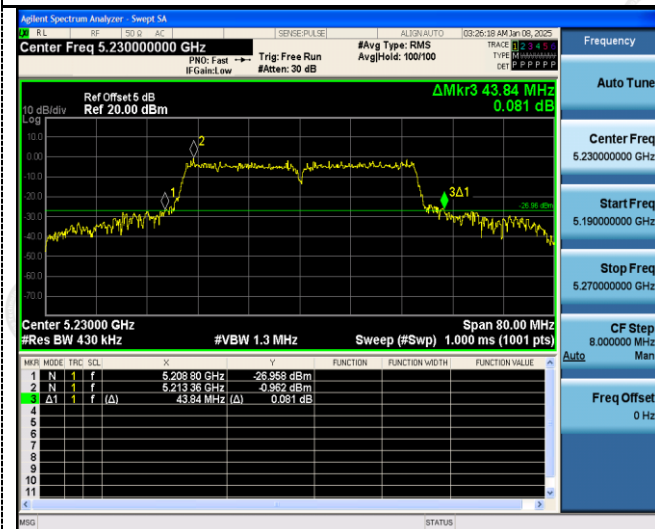
802.11n(HT40)



802.11ac(HT20)



CH38



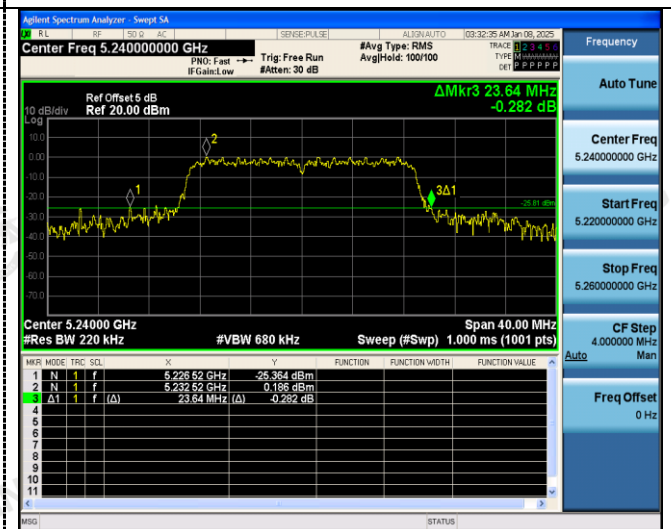
CH36



CH46

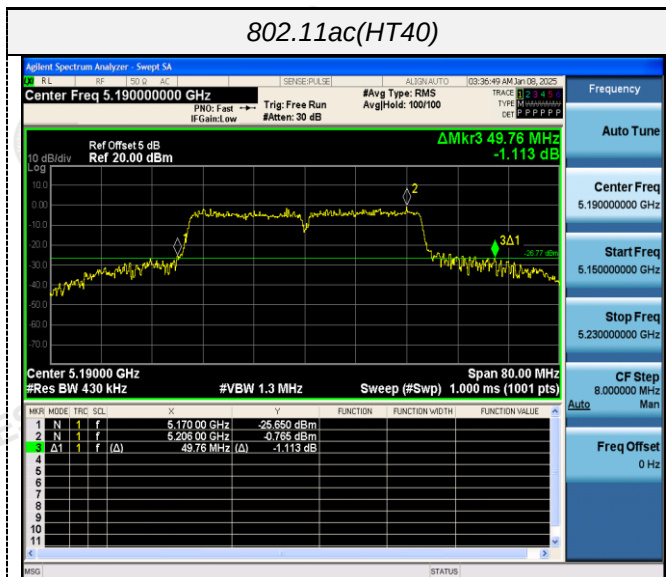


CH40

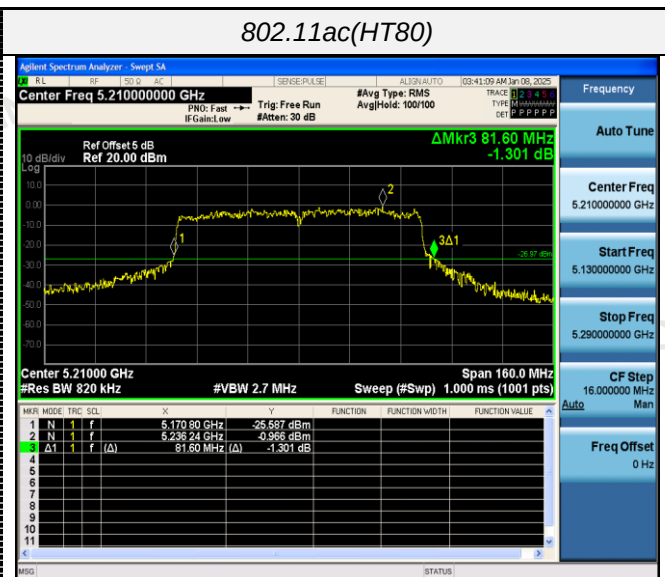


CH48

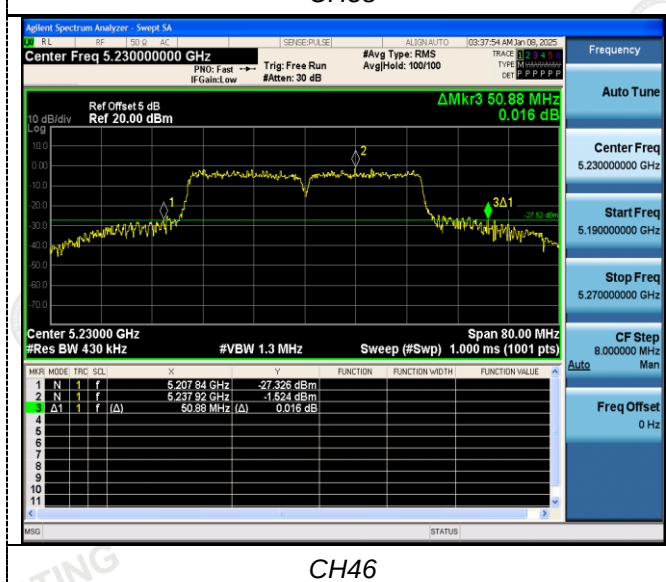
802.11ac(HT40)



802.11ac(HT80)



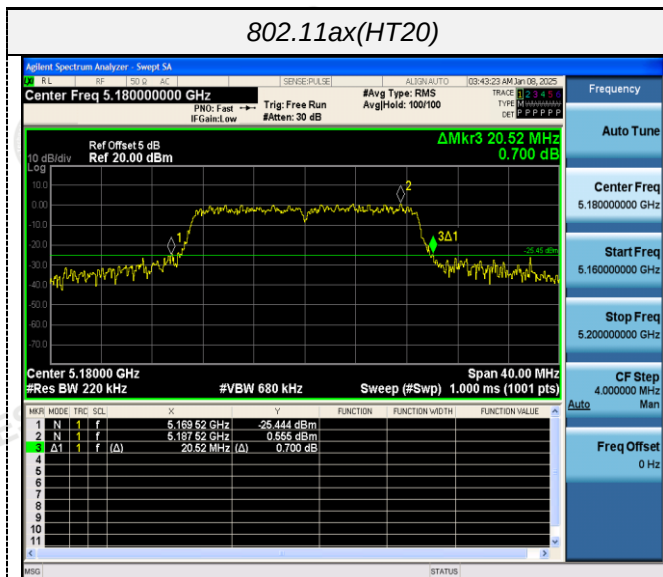
CH38



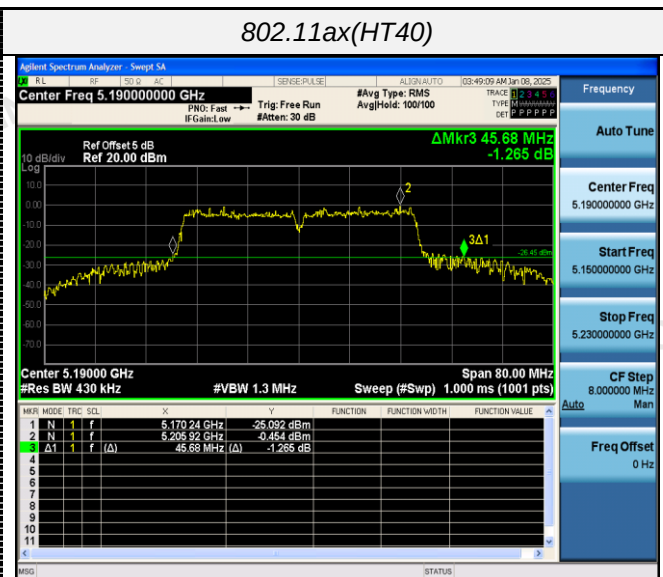
CH46

CH42

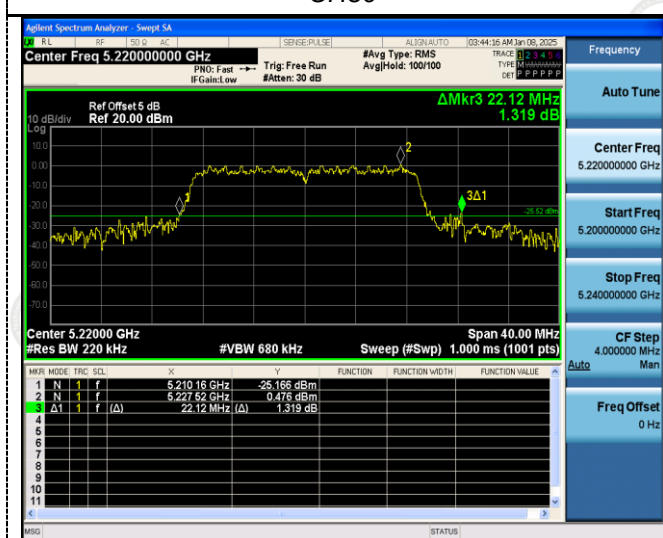
802.11ax(HT20)



802.11ax(HT40)



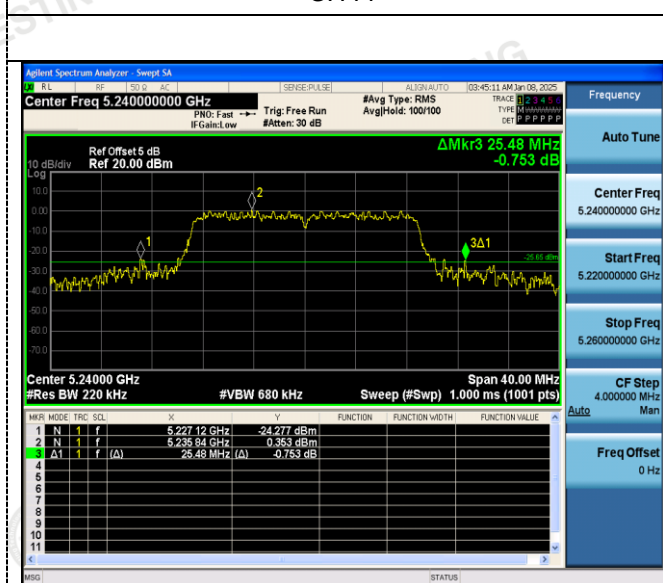
CH36



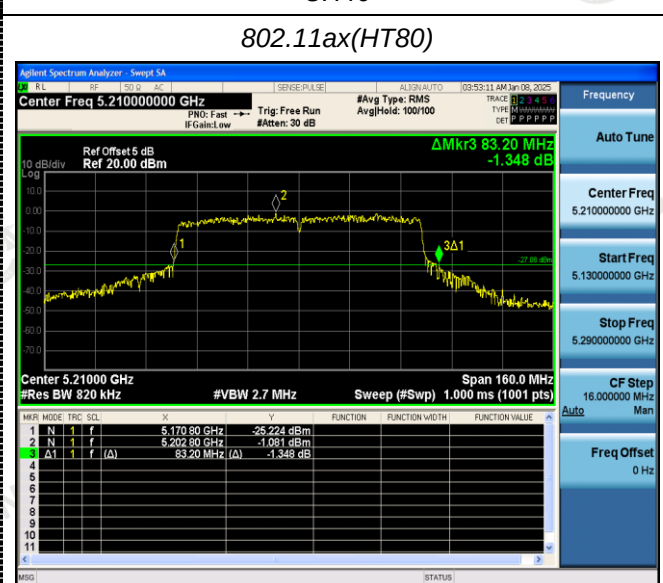
CH38



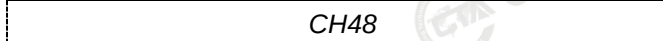
CH44



CH46



CH48



CH42



4.6 Minimum Emission Bandwidth (6dB Bandwidth)

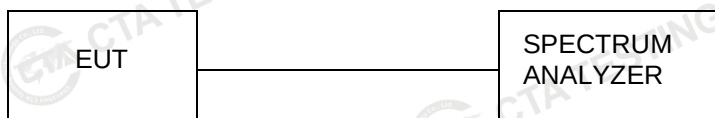
Limit

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

ANT 1

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	16.680		
		157	16.880		
		165	16.880		
802.11n(HT40)	U-NII 3	151	35.280		
		159	35.200		
802.11ac(HT20)	U-NII 3	149	16.880		
		157	16.760		
		165	16.920		
802.11ac(HT40)	U-NII 3	151	35.520		
		159	35.200		
802.11ac(HT80)	U-NII 3	155	75.360		
802.11ax(HT20)	U-NII 3	149	16.880		
		157	17.080		
		165	17.000		
802.11ax(HT40)	U-NII 3	151	35.360		
		159	35.840		
802.11ax(HT80)	U-NII 3	155	75.200		

ANT 2

Type	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	16.320	≥500KHz	Pass
		157	16.160		
		165	16.320		
802.11n(HT20)	U-NII 3	149	16.920		
		157	17.120		
		165	16.800		
802.11n(HT40)	U-NII 3	151	35.200		
		159	35.200		
802.11ac(HT20)	U-NII 3	149	17.040		
		157	16.880		
		165	16.800		
802.11ac(HT40)	U-NII 3	151	35.360		
		159	35.440		
802.11ac(HT80)	U-NII 3	155	75.520		
802.11ax(HT20)	U-NII 3	149	16.520		
		157	16.920		
		165	16.960		
802.11ax(HT40)	U-NII 3	151	35.440		
		159	35.360		
802.11ax(HT80)	U-NII 3	155	75.360		

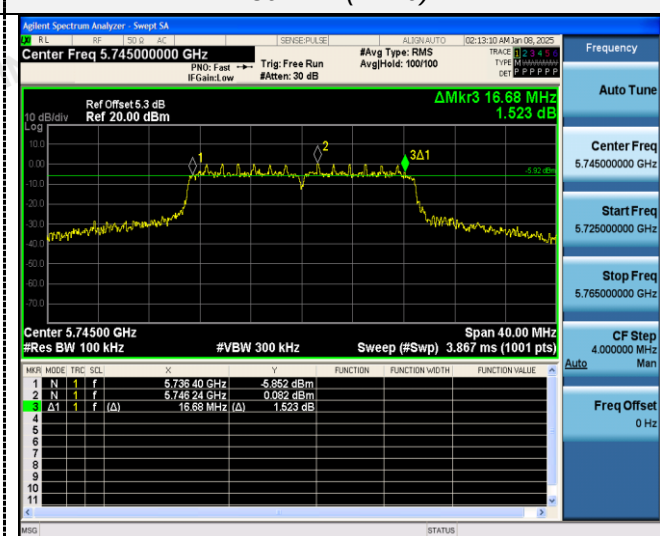
Test plot as follows:

ANT 1

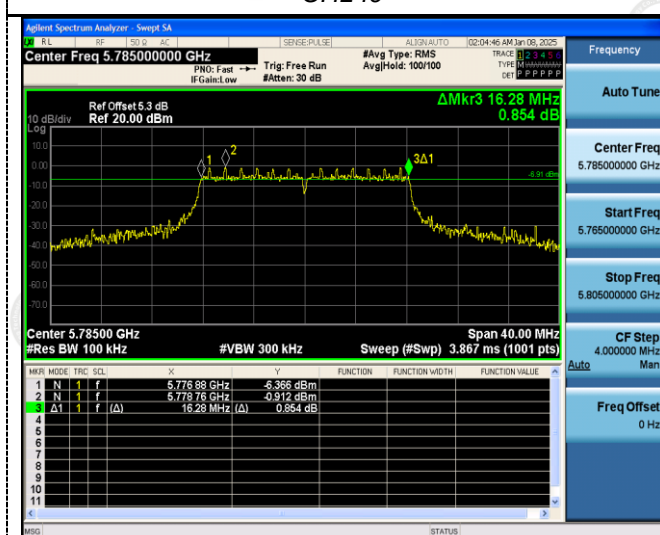
802.11a



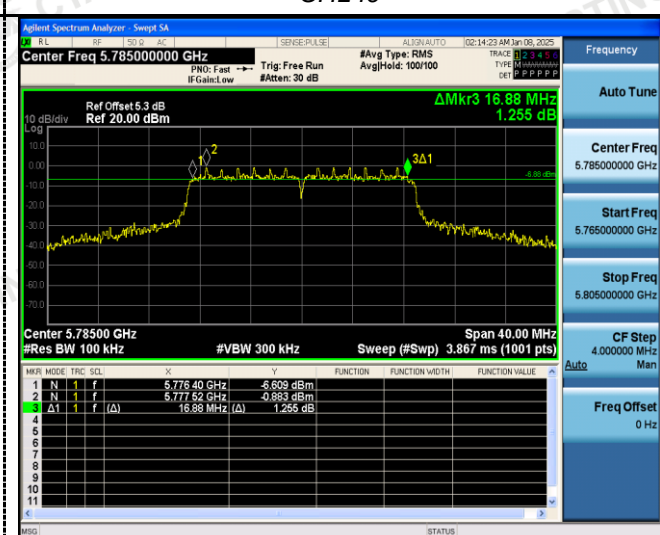
802.11n(HT20)



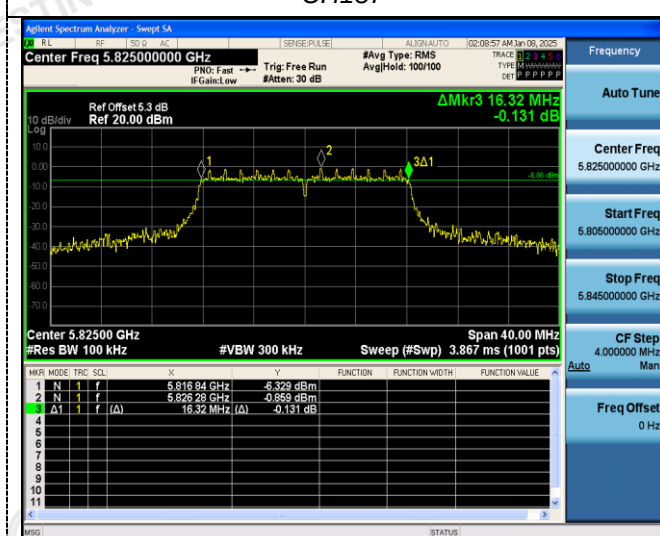
CH149



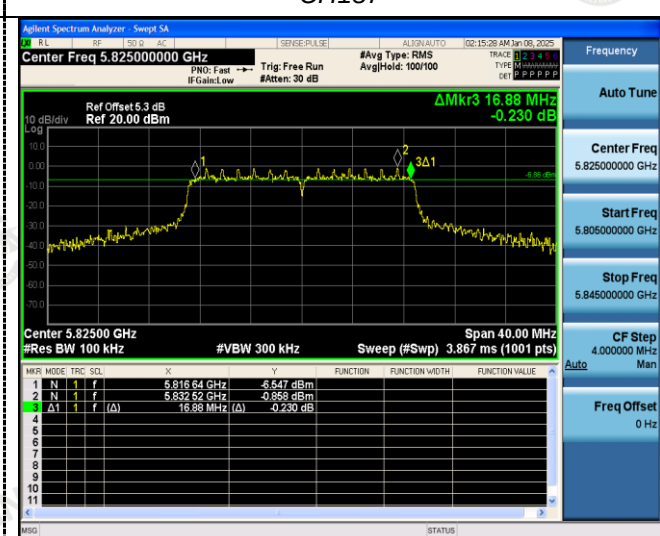
CH149



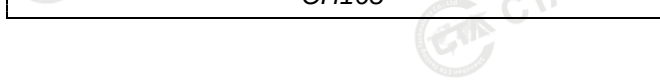
CH157



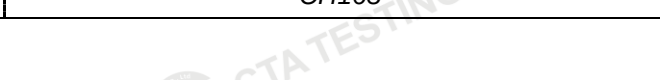
CH157



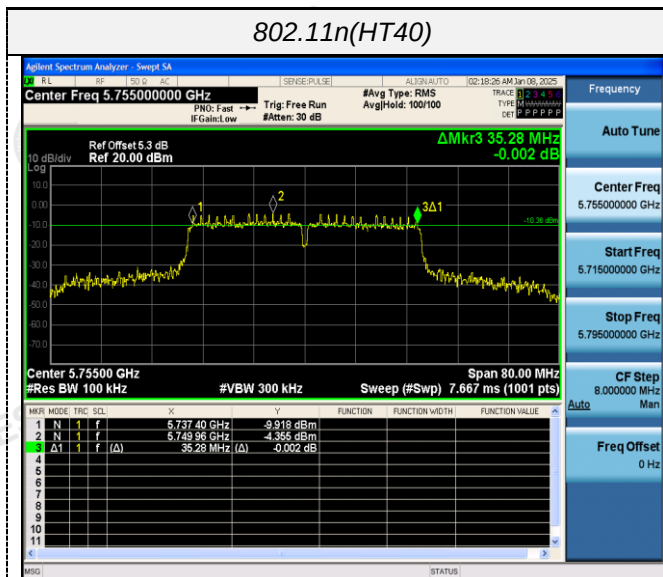
CH165



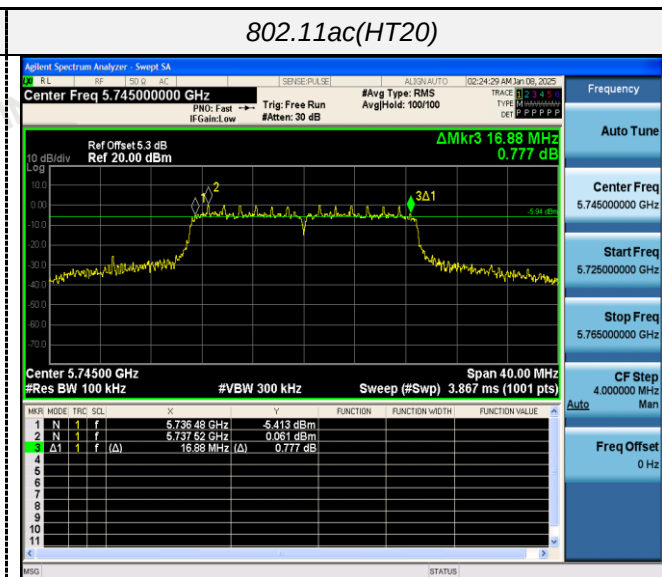
CH165



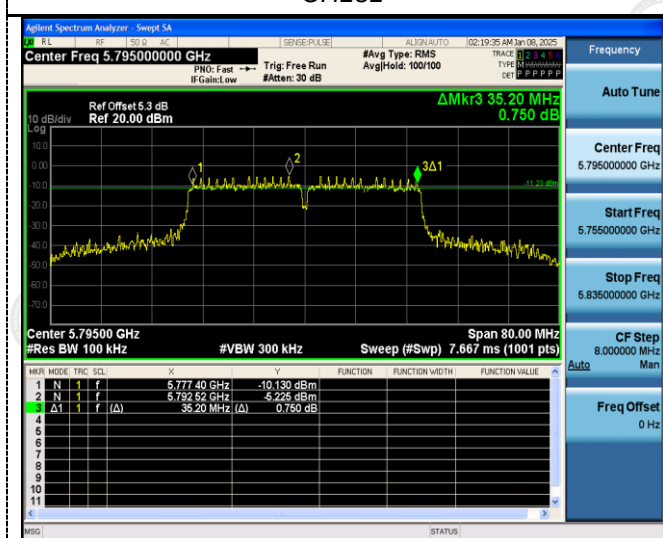
802.11n(HT40)



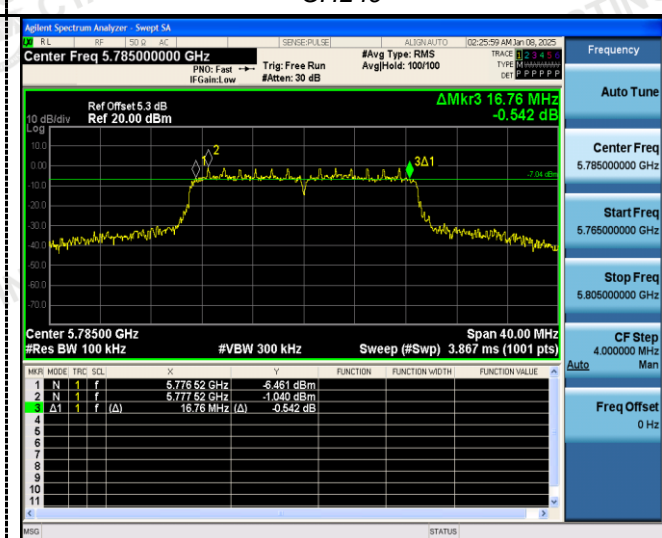
802.11ac(HT20)



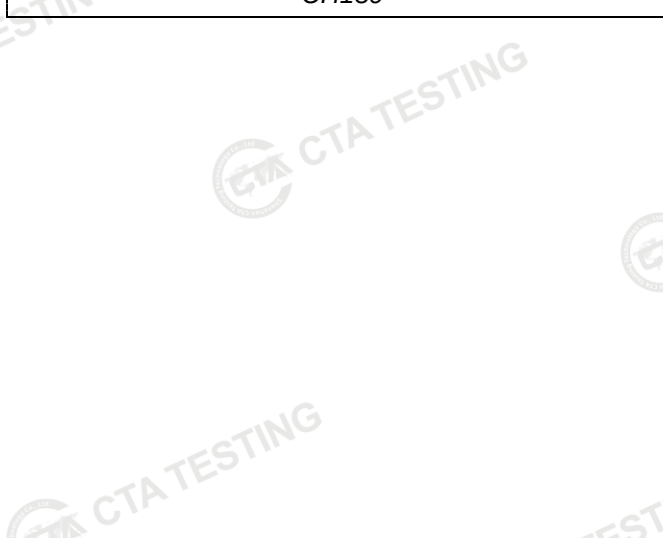
CH151



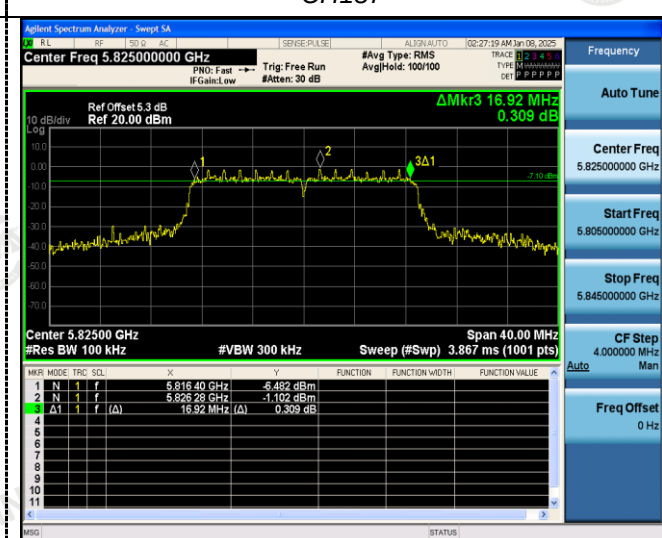
CH149



CH159



CH157



CH165