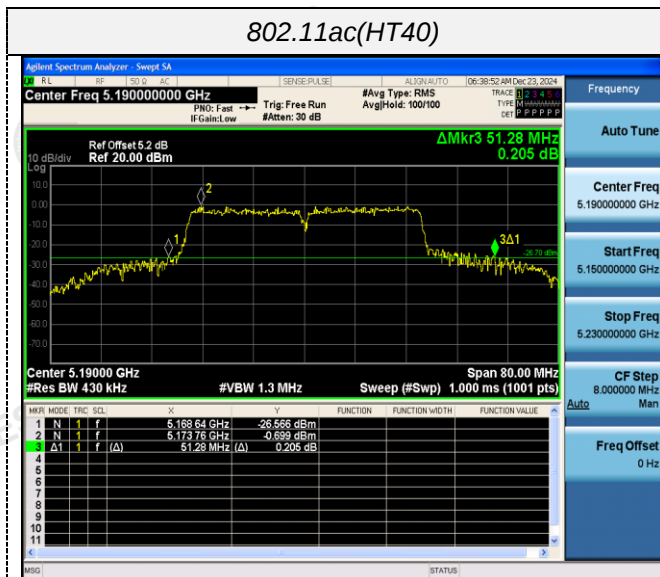
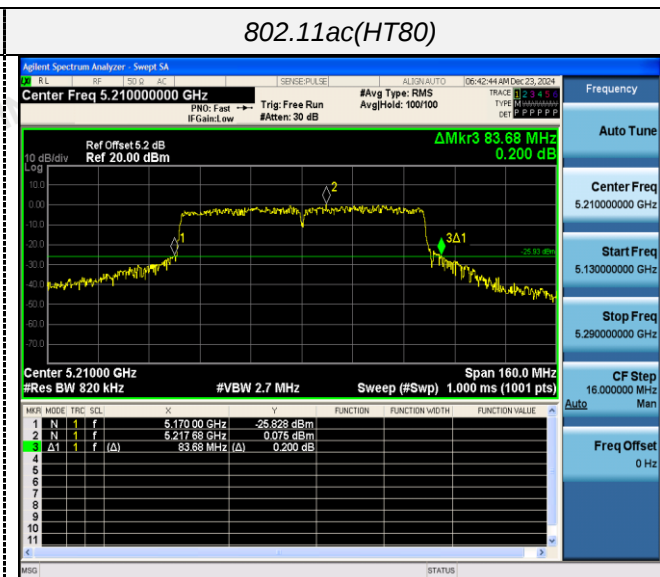


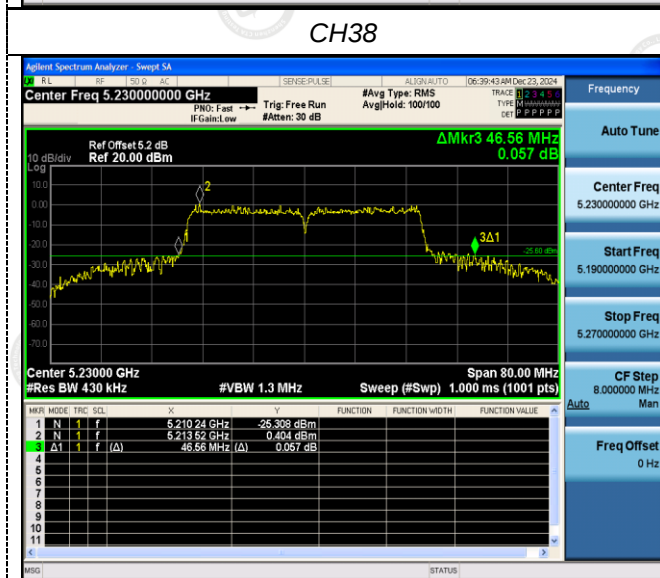
802.11ac(HT40)



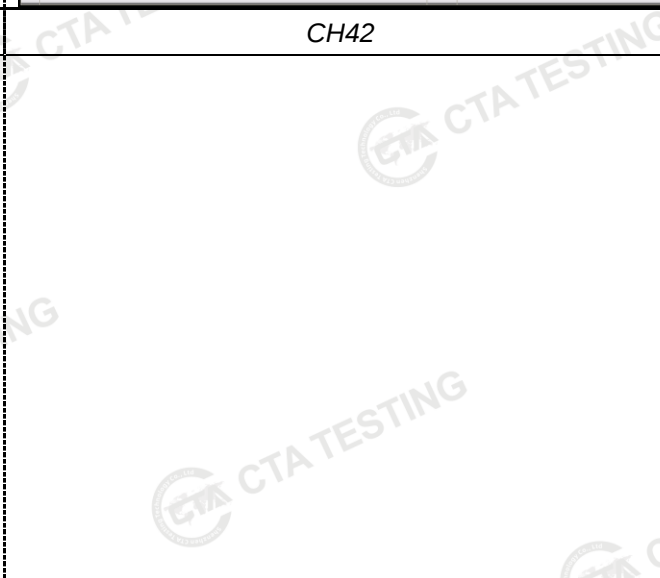
802.11ac(HT80)



CH38

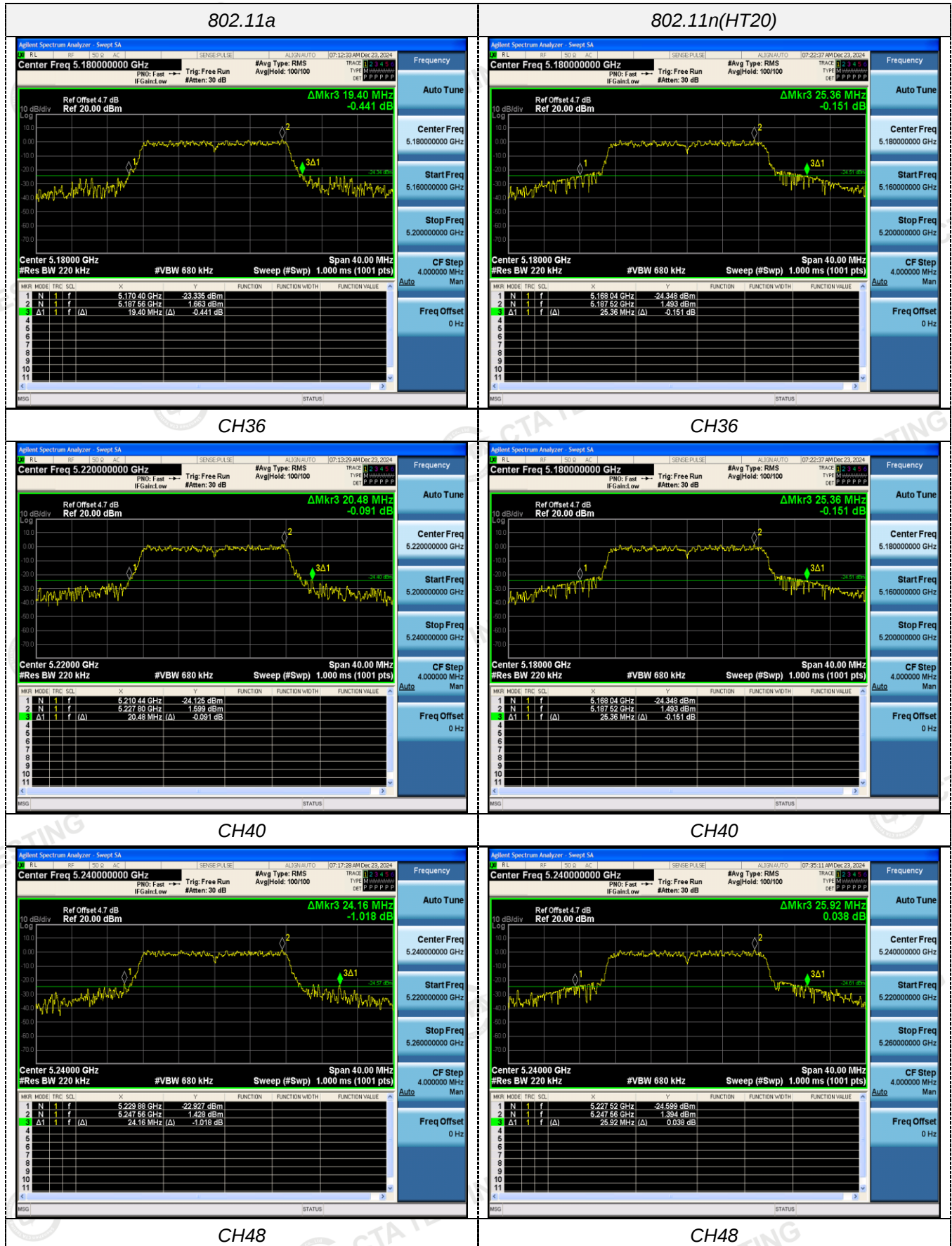


CH42

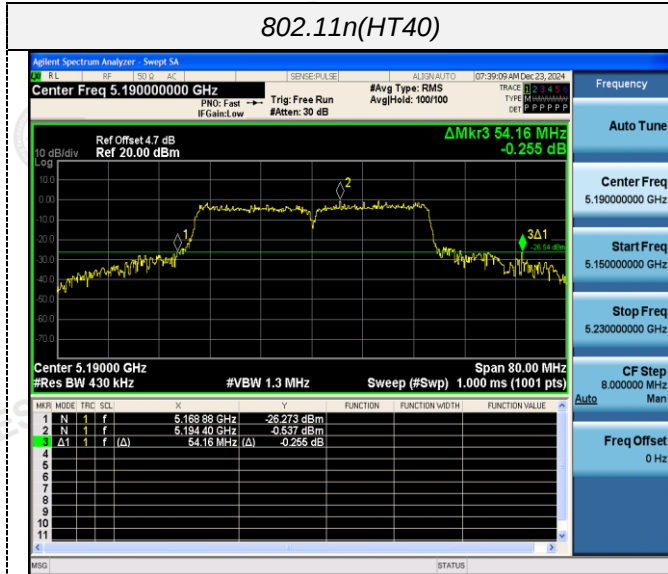


CH46

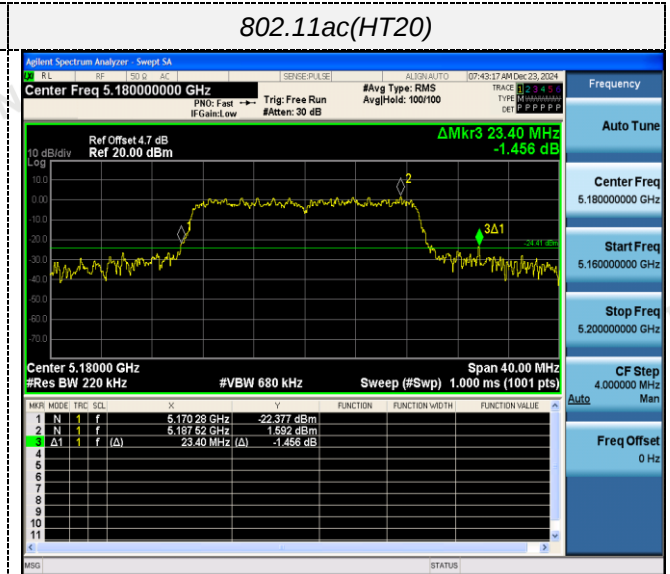
ANT2:



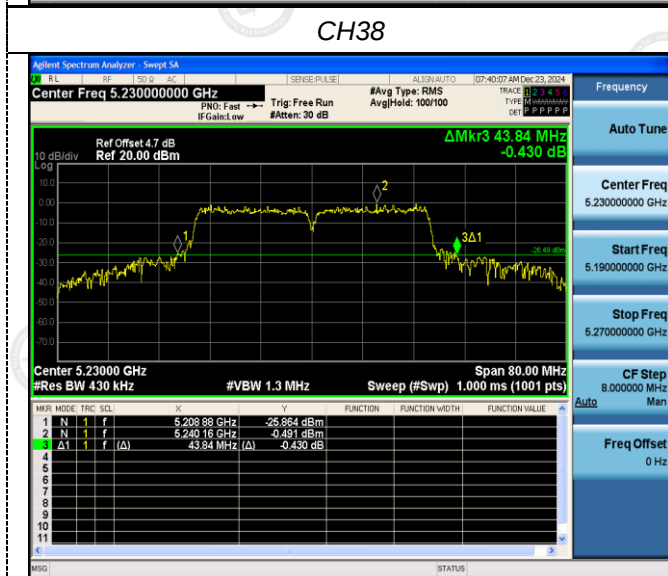
802.11n(HT40)



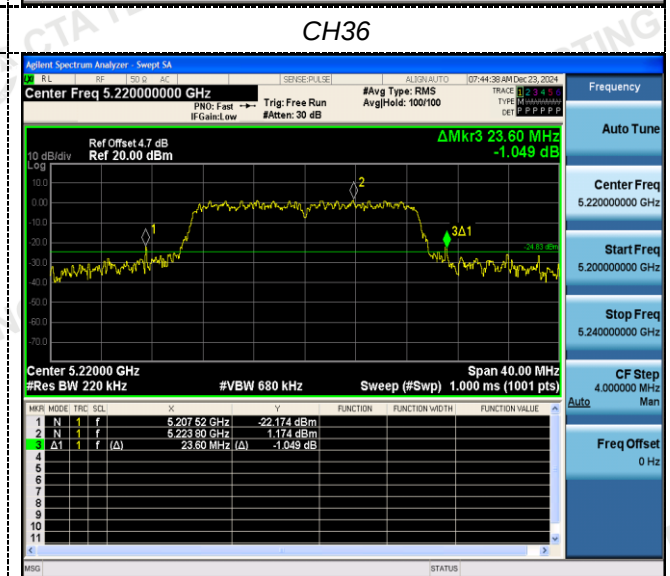
802.11ac(HT20)



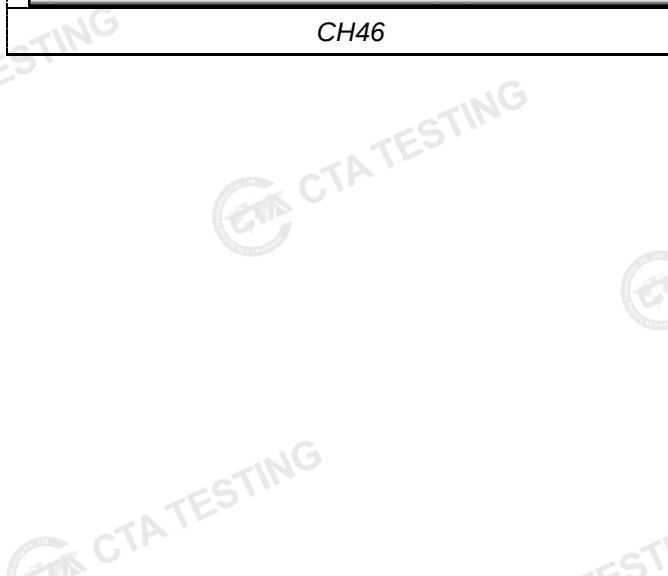
CH38



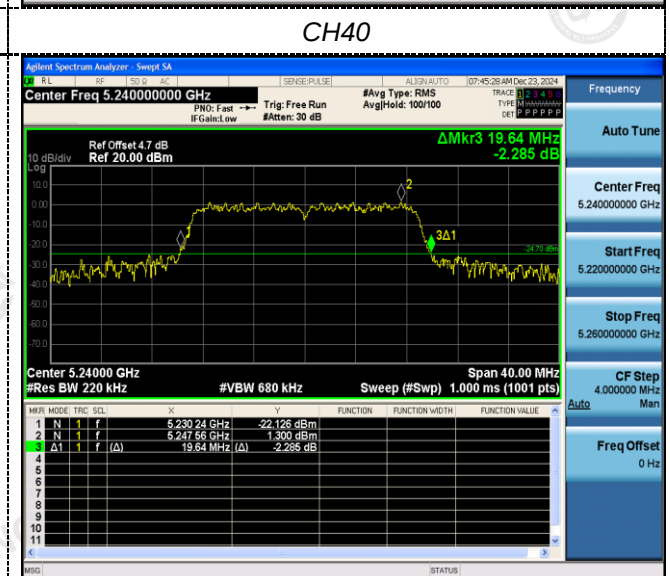
CH36



CH46

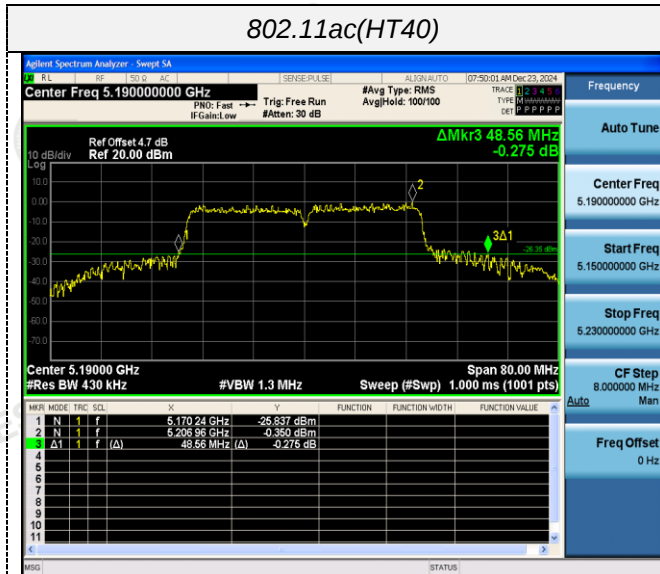


CH40

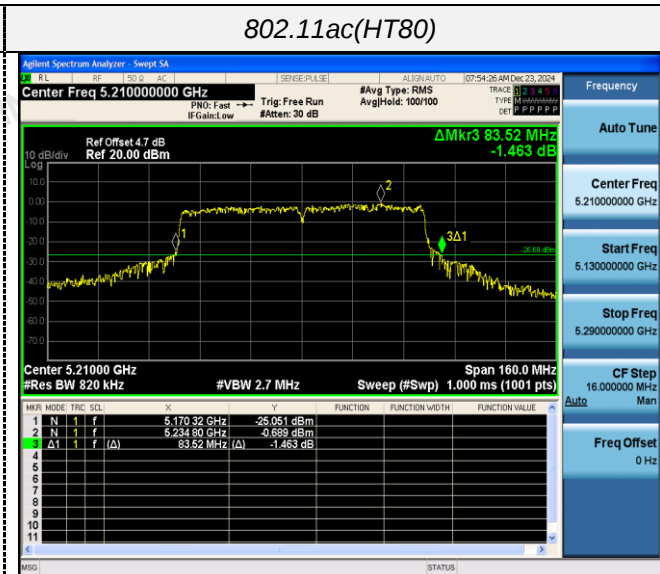


CH48

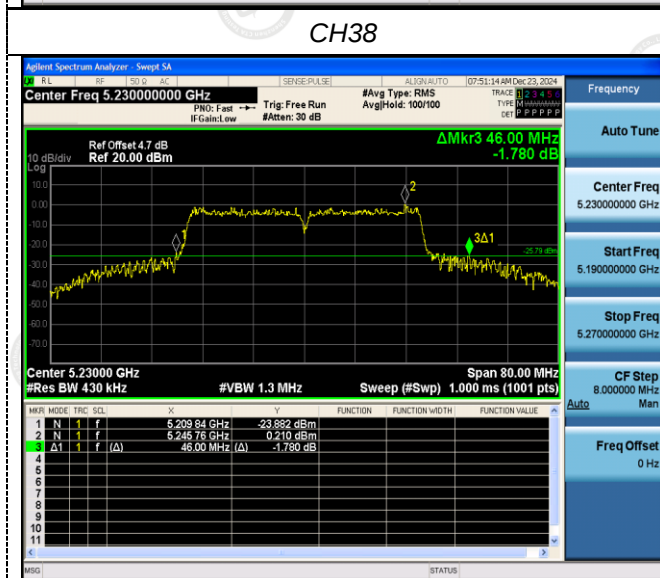
802.11ac(HT40)



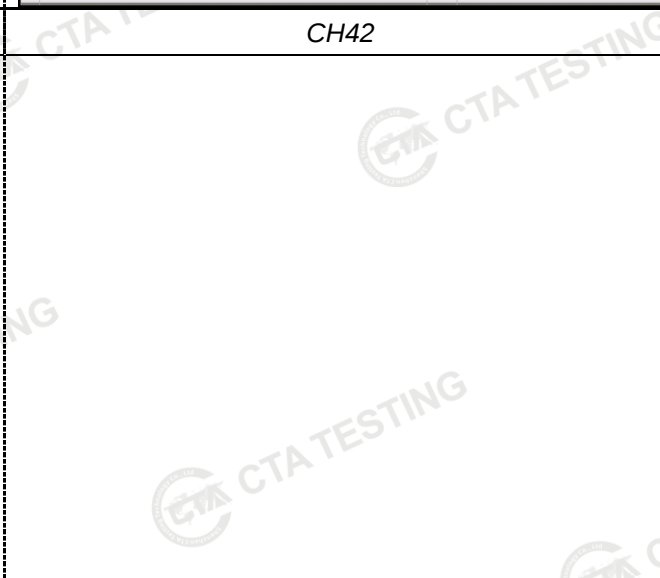
802.11ac(HT80)



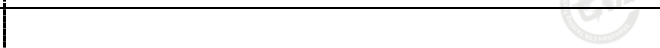
CH38



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

ANT1:

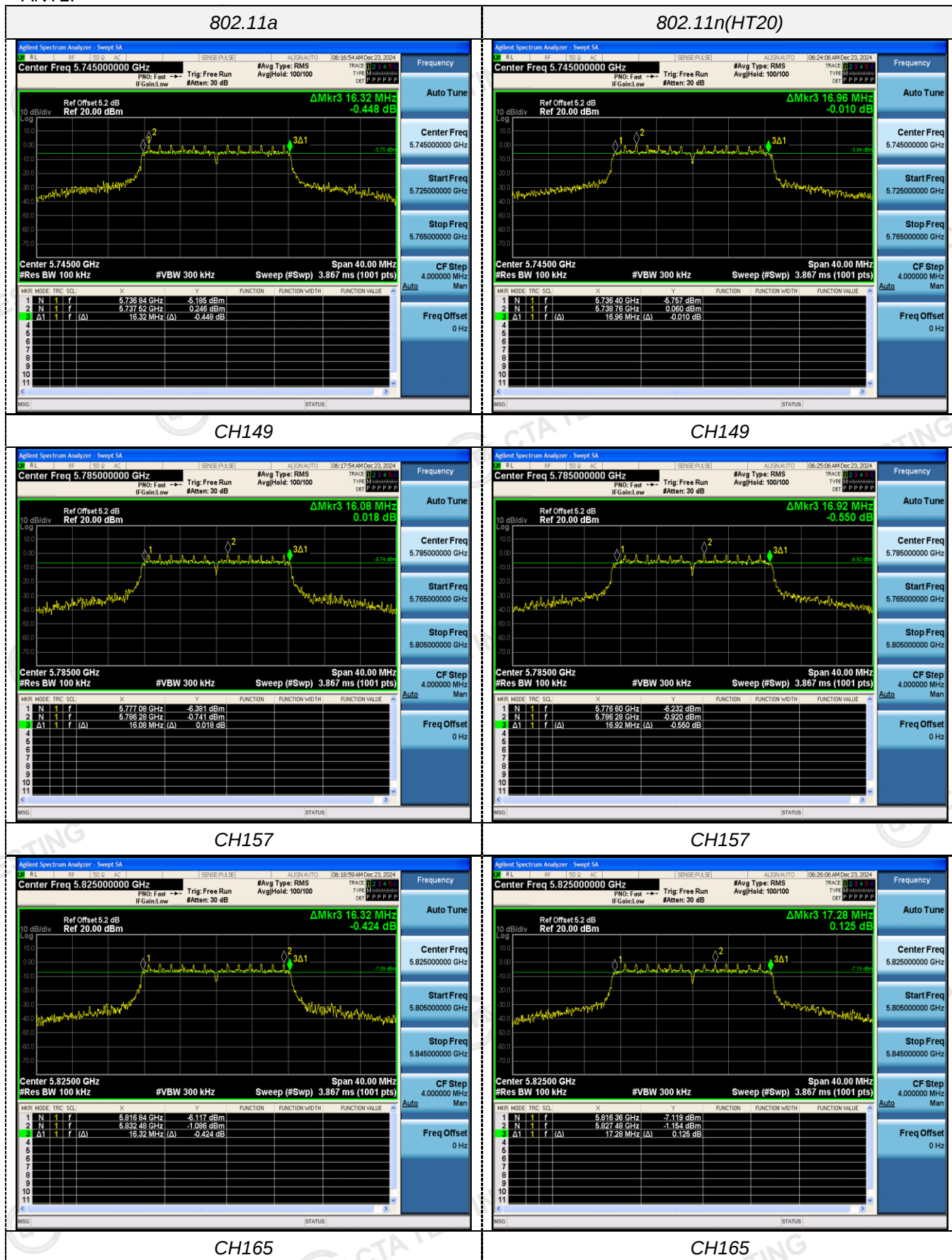
Type	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	16.320	≥500KHz	Pass
		157	16.080		
		165	16.320		
802.11n(HT20)	U-NII 3	149	16.960		
		157	16.920		
		165	17.280		
802.11n(HT40)	U-NII 3	151	35.200		
		159	35.200		
802.11ac(HT20)	U-NII 3	149	16.320		
		157	16.880		
		165	17.040		
802.11ac(HT40)	U-NII 3	151	35.360		
		159	35.680		
802.11ac(HT80)	U-NII 3	155	75.200		

ANT2:

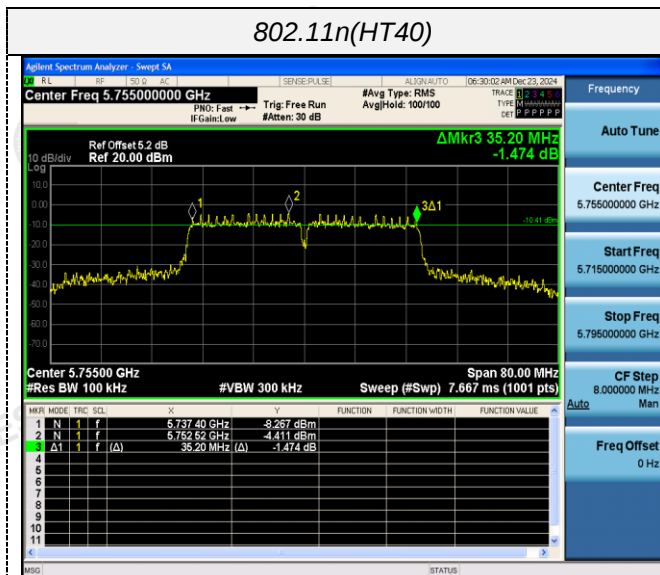
Type	Bands	Channel	6dB Bandwidth (MHz)	Limit (KHz)	Result
802.11a	U-NII 3	149	15.960	≥500KHz	Pass
		157	16.080		
		165	16.320		
802.11n(HT20)	U-NII 3	149	17.080		
		157	16.800		
		165	17.000		
802.11n(HT40)	U-NII 3	151	35.200		
		159	35.600		
802.11ac(HT20)	U-NII 3	149	16.840		
		157	16.840		
		165	16.680		
802.11ac(HT40)	U-NII 3	151	35.360		
		159	35.280		
802.11ac(HT80)	U-NII 3	155	75.200		

Test plot as follows:

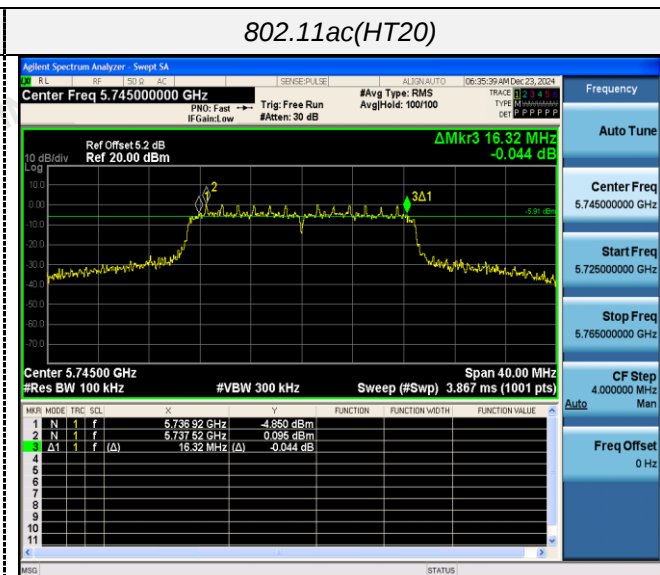
ANT1:



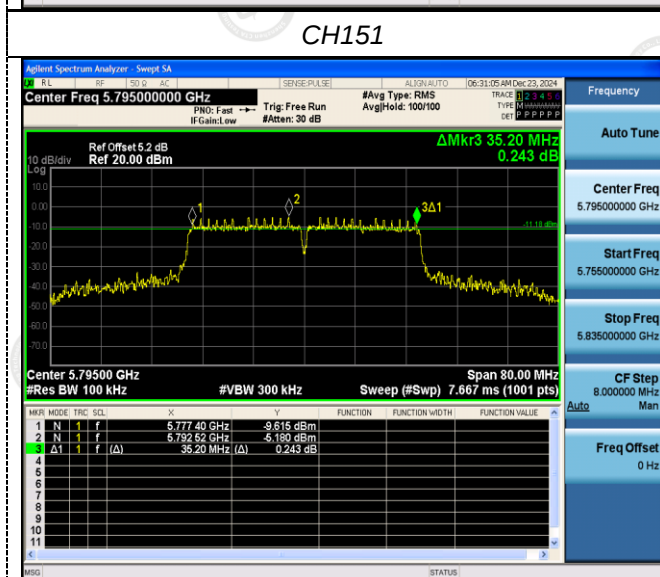
802.11n(HT40)



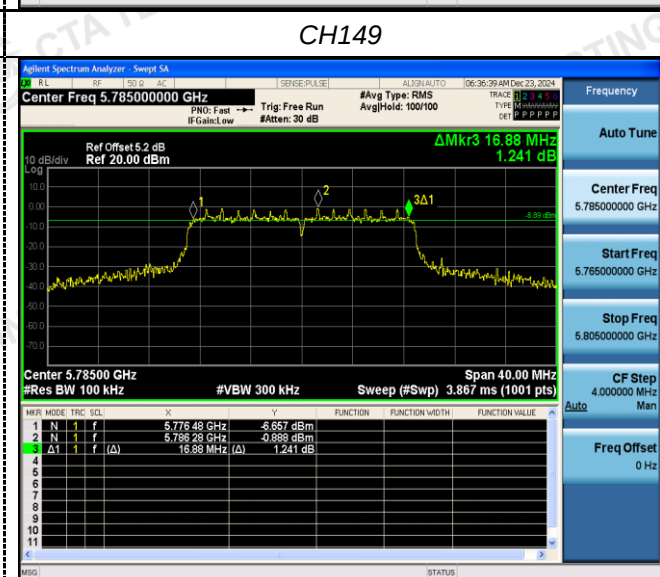
802.11ac(HT20)



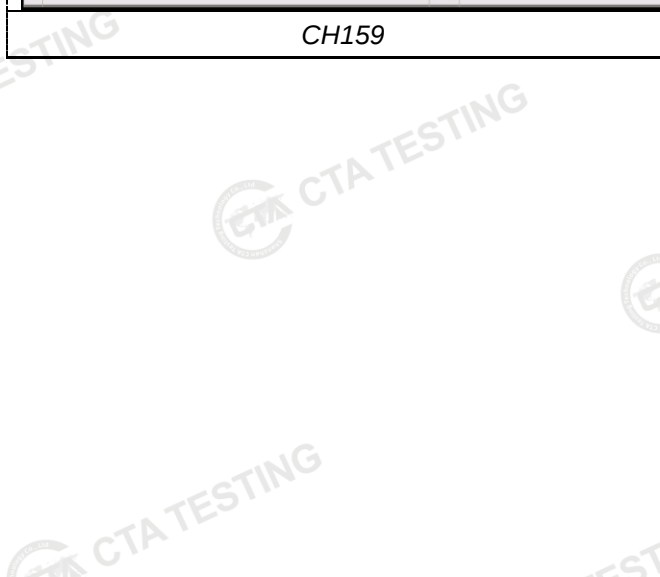
CH151



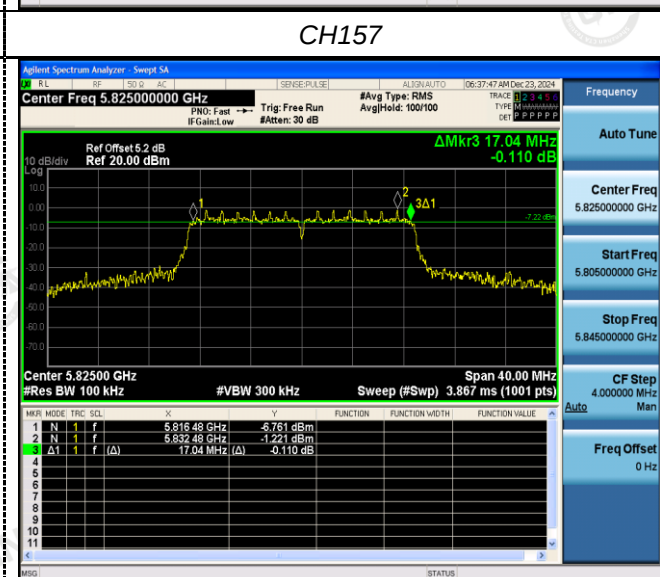
CH149



CH159

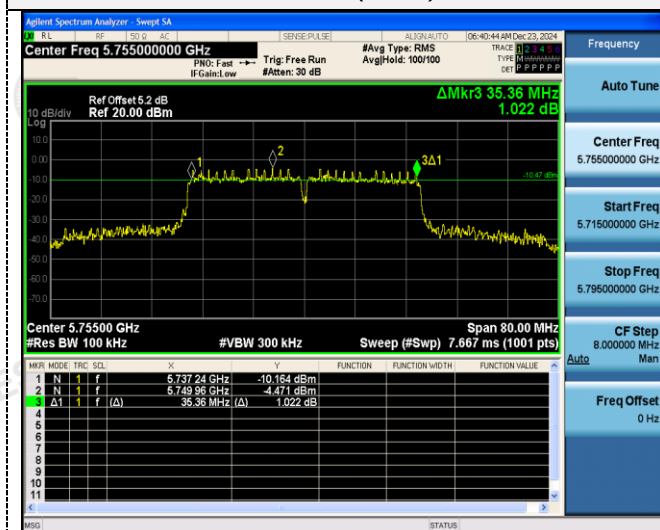


CH157

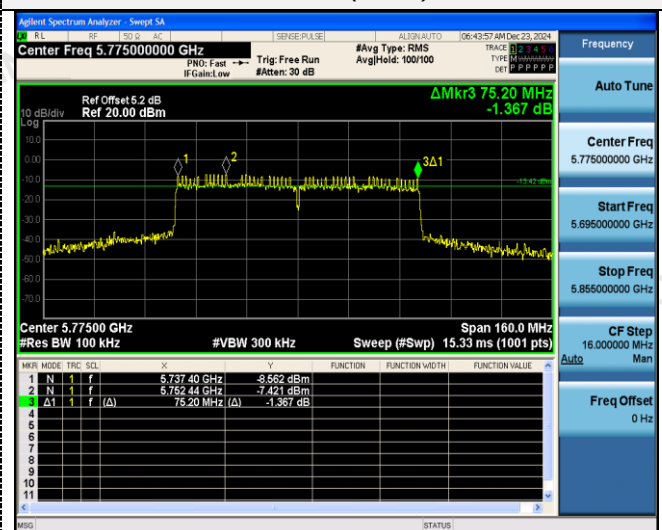


CH165

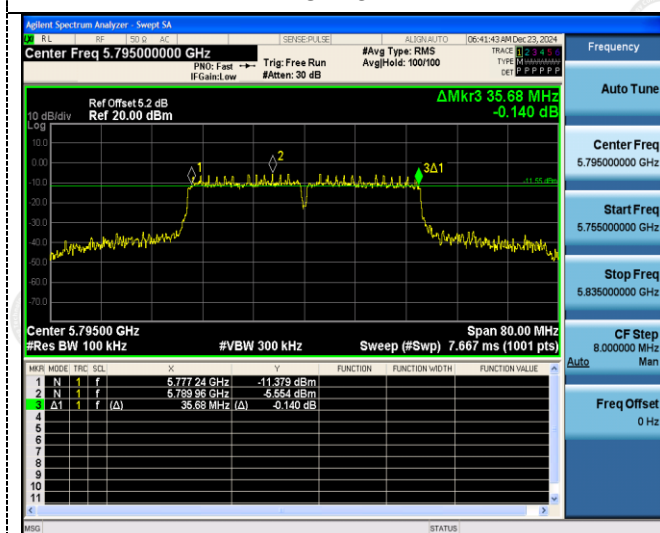
802.11ac(HT40)



802.11ac(HT80)



CH151



CH155



CH159



ANT2:

