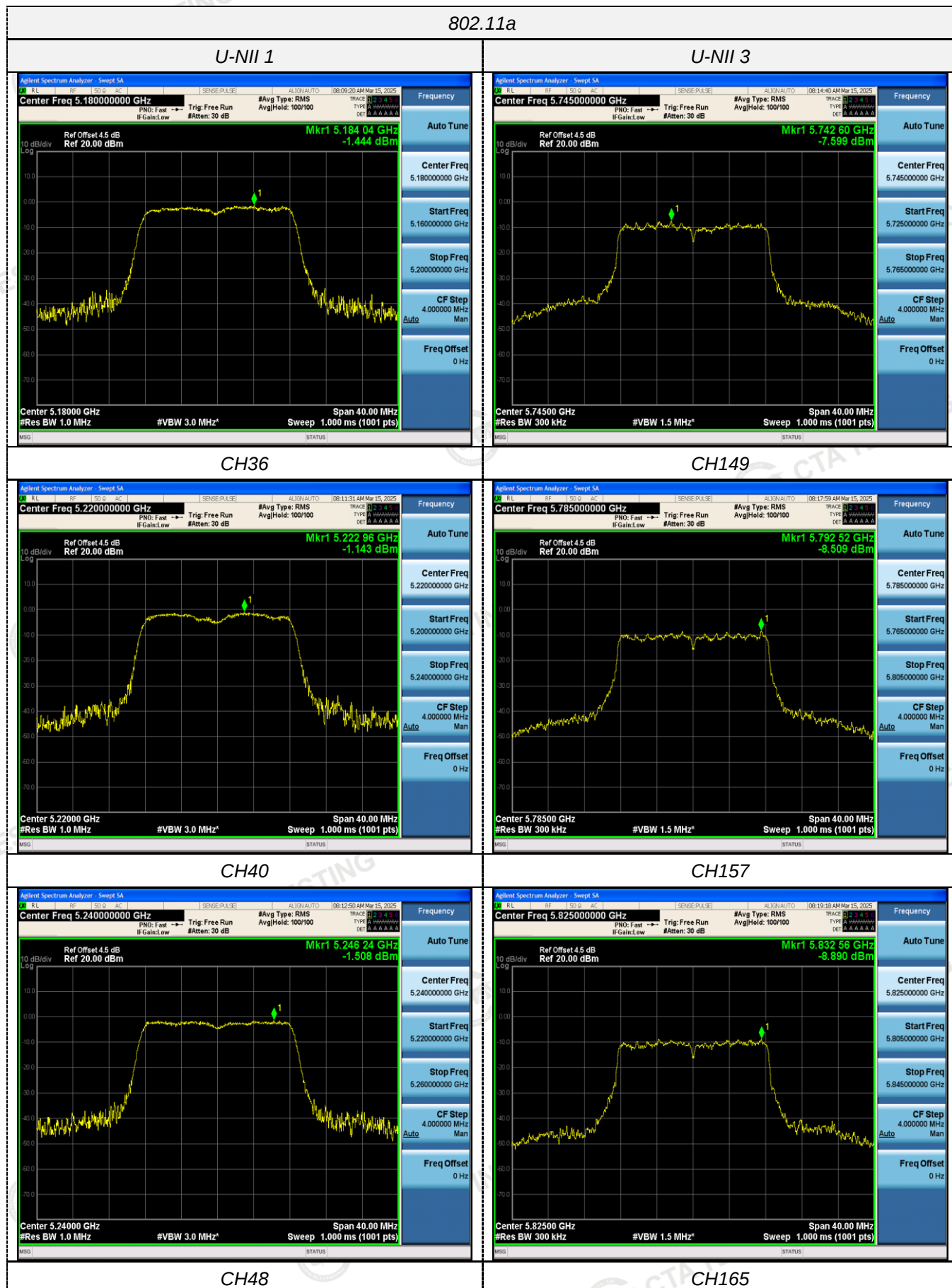
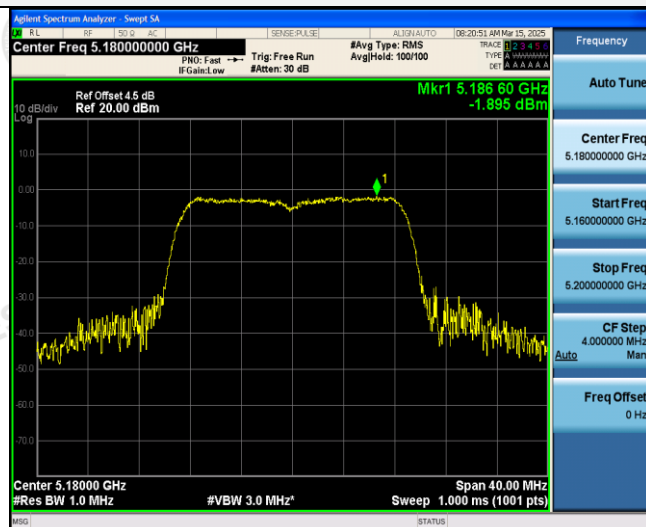


Test plot as follows



802.11n(HT20)

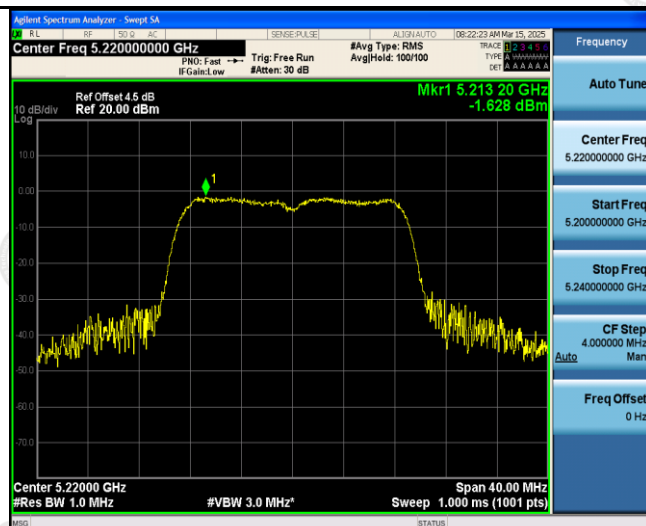
U-NII 1



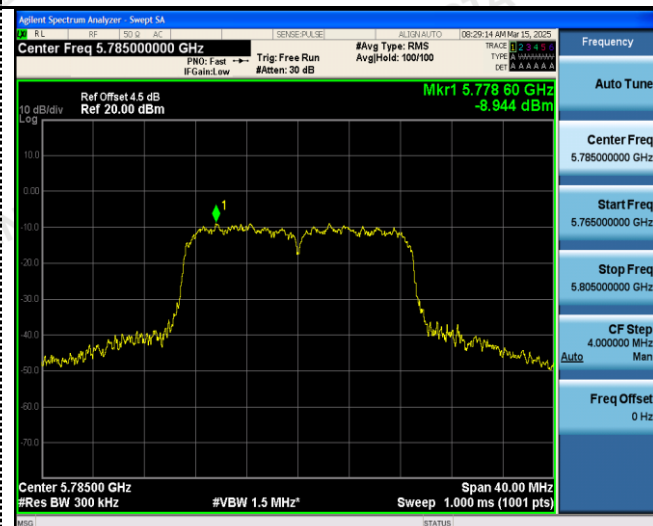
U-NII 3



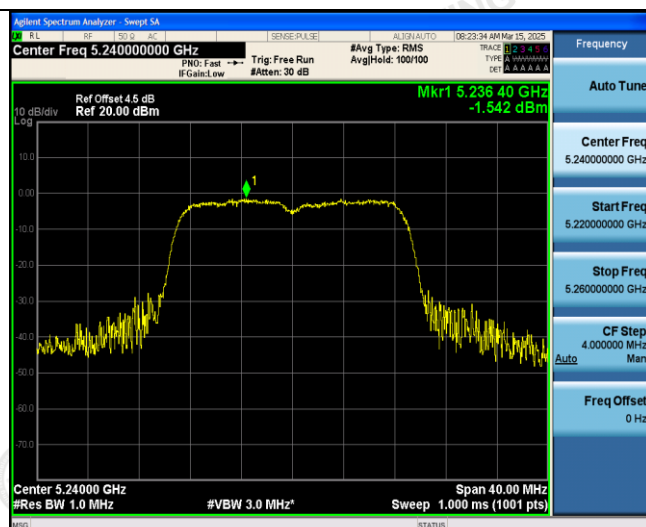
CH36



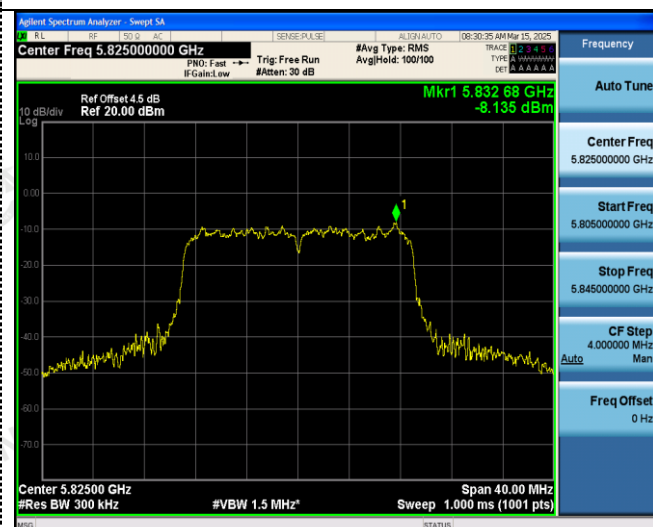
CH149



CH40



CH157

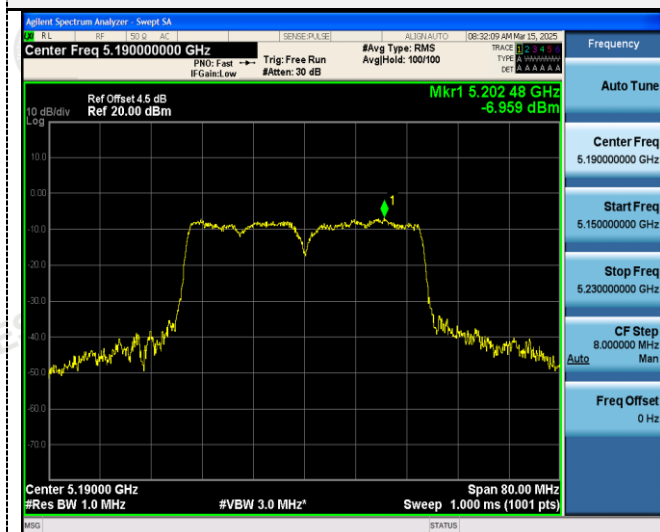


CH48

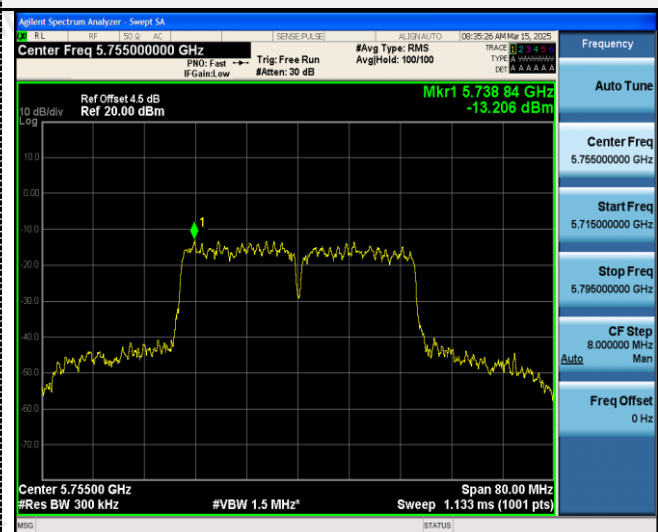
CH165

802.11n(HT40)

U-NII 1



U-NII 3



CH38



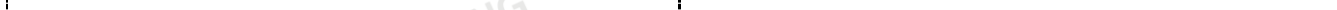
CH151



CH46

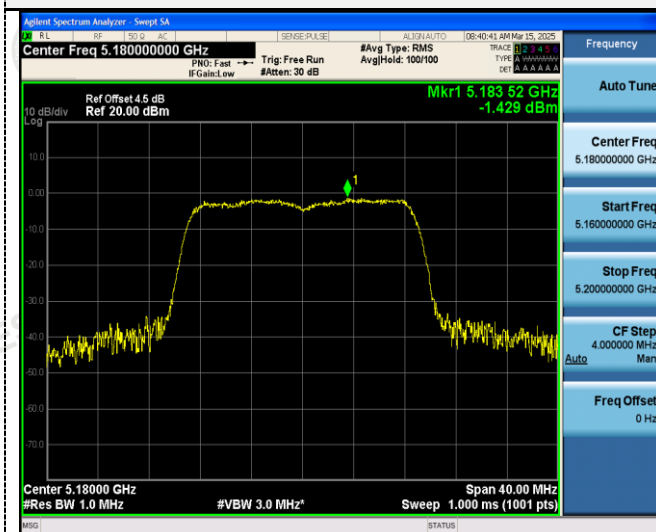


CH159



802.11ac(HT20)

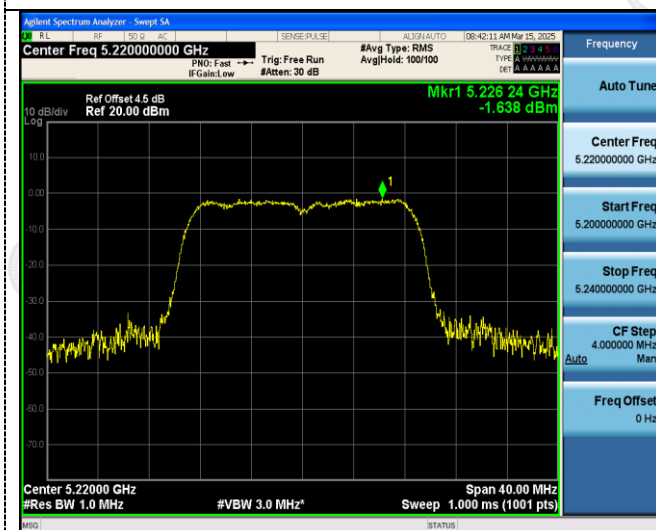
U-NII 1



U-NII 3



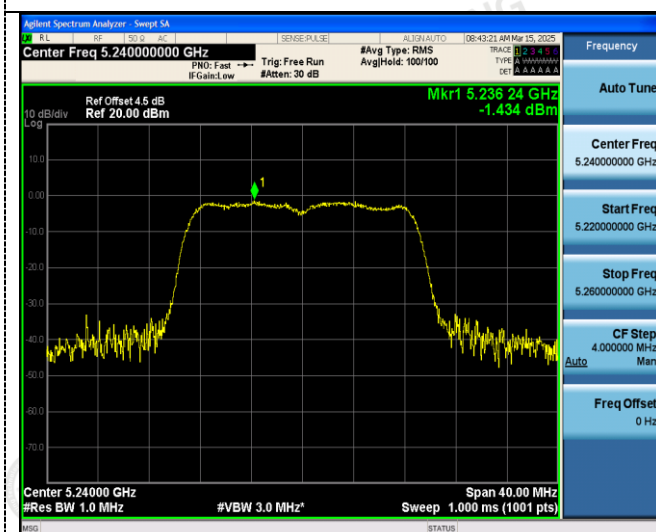
CH36



CH149



CH40



CH157

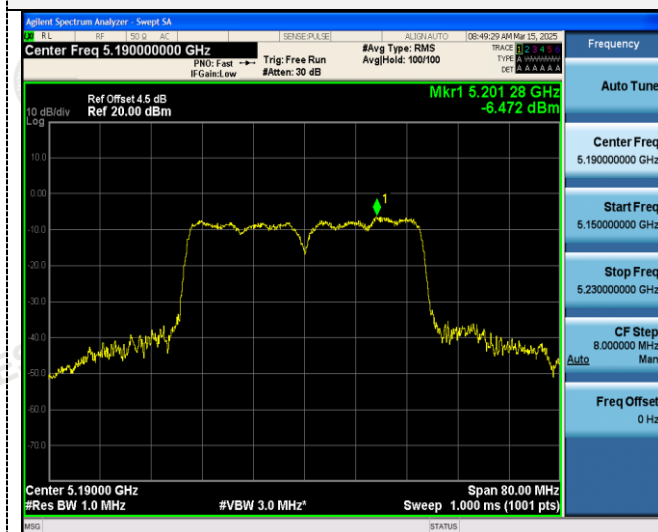


CH4

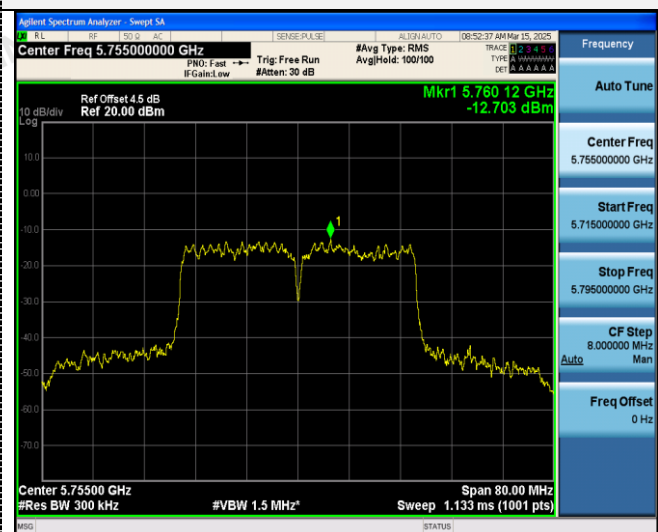
CH165

802.11ac(HT40)

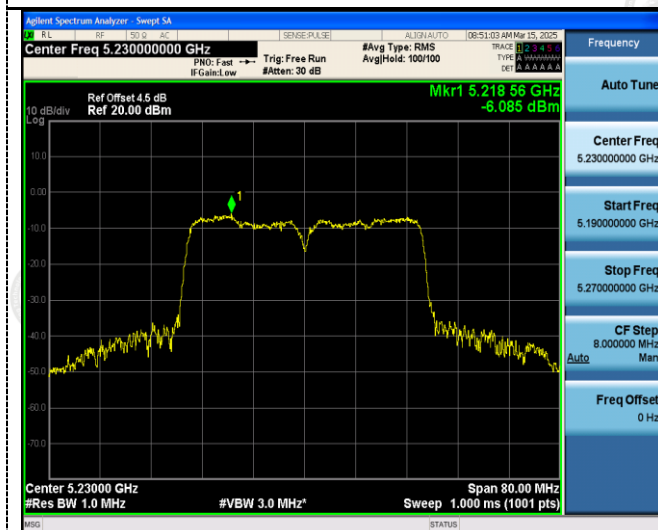
U-NII 1



U-NII 3



CH38



CH151



CH46

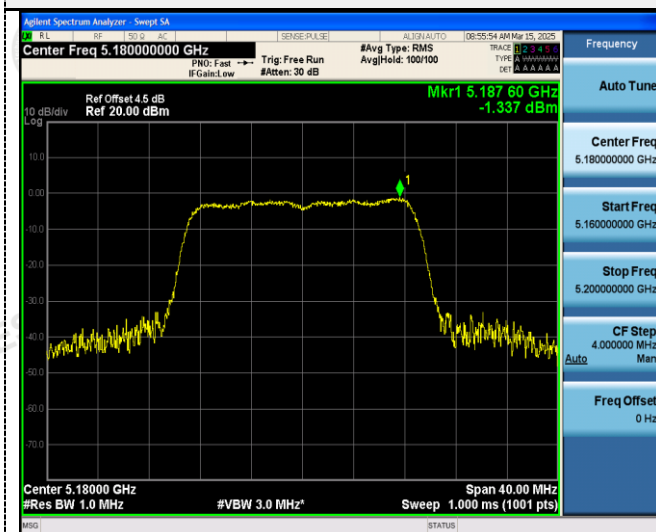


CH159



802.11ax(HT20)

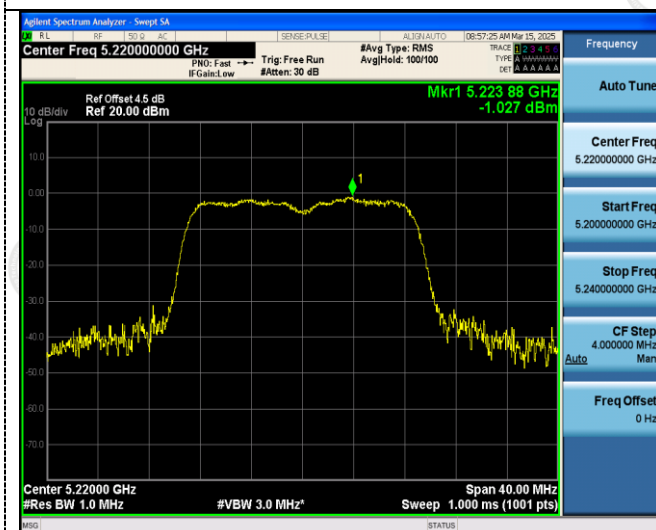
U-NII 1



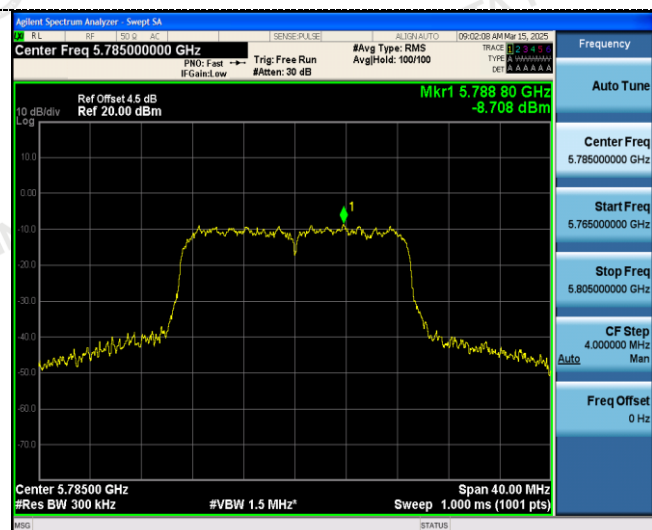
U-NII 3



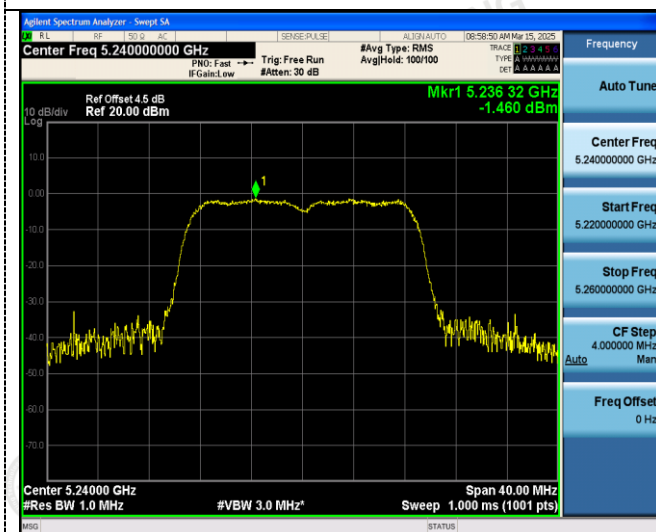
CH36



CH149



CH40



CH157

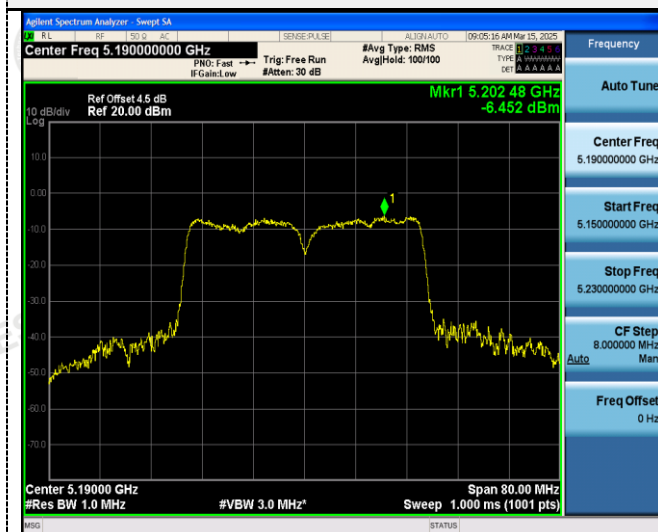


CH48

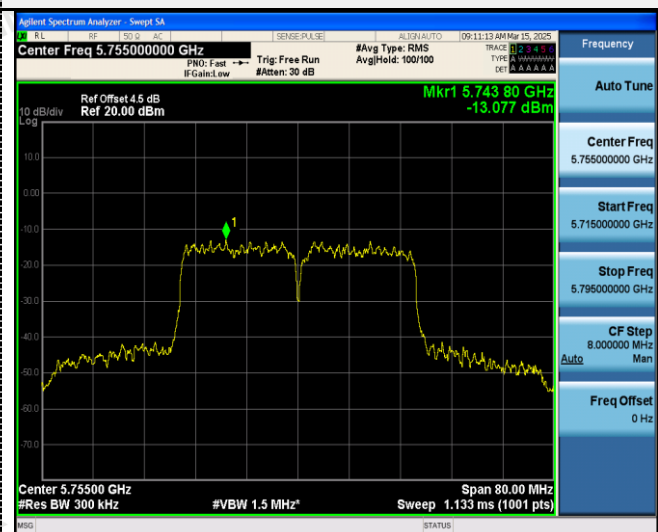
CH165

802.11ax(HT40)

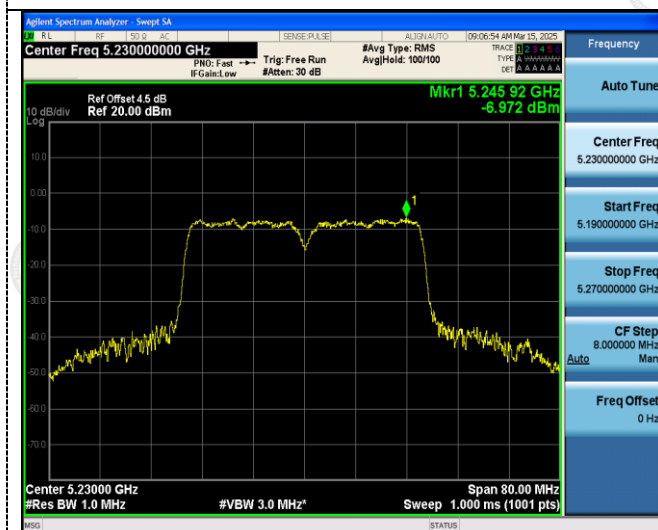
U-NII 1



U-NII 3



CH38



CH151



CH46

CH159

4.5 Emission Bandwidth (26dB Bandwidth)

Limit

N/A

Test Procedure

1. Set resolution bandwidth (RBW) = approximately 1 % of the EBW.
2. Set the video bandwidth (VBW) > RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW / EBW ratio is approximately 1 %.

Test Configuration



Test Results

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	23.480	N/A	Pass
		40	19.200		
		48	24.920		
802.11n(HT20)	U-NII 1	36	25.600		
		40	25.760		
		48	27.000		
802.11n(HT40)	U-NII 1	38	54.480		
		46	50.400		
802.11ac(HT20)	U-NII 1	36	22.000		
		40	24.760		
		48	21.440		
802.11ac(HT40)	U-NII 1	38	49.280		
		46	46.400		
802.11ax(HT20)	U-NII 1	36	19.880		
		40	21.880		
		48	23.200		
802.11ax(HT40)	U-NII 1	38	45.520		
		46	51.280		

Test plot as follows:

802.11a



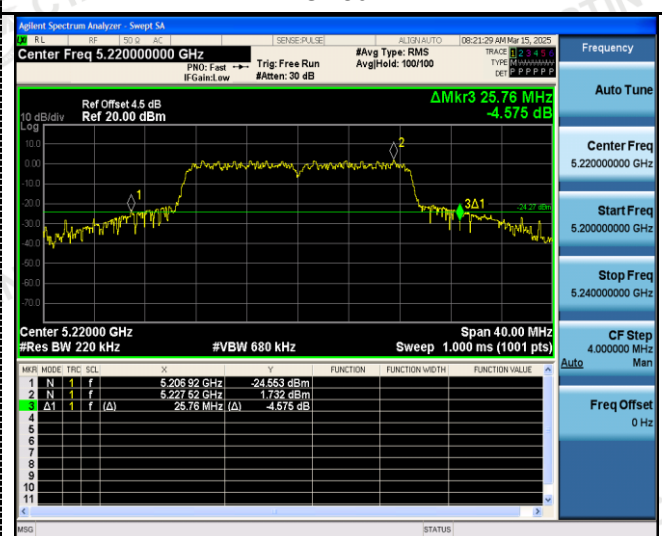
802.11n(HT20)



CH36



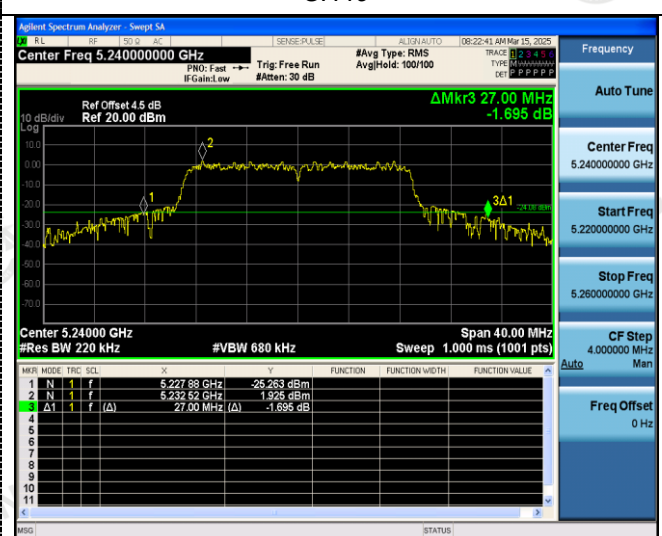
CH36



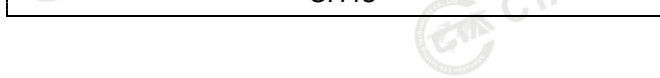
CH40



CH40



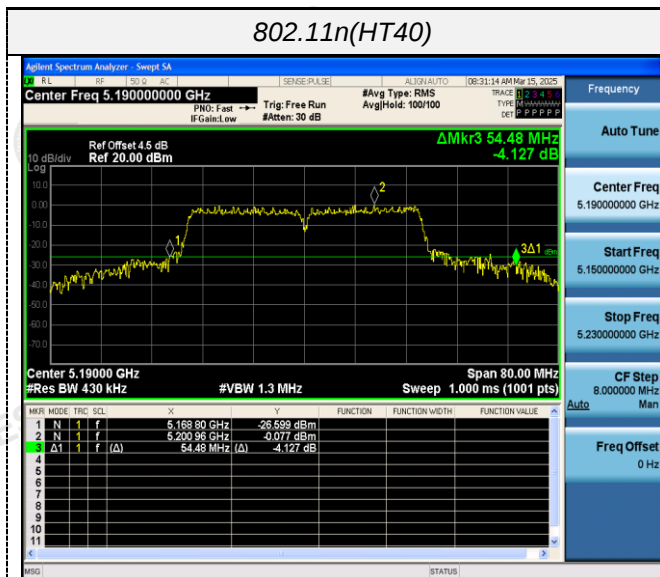
CH48



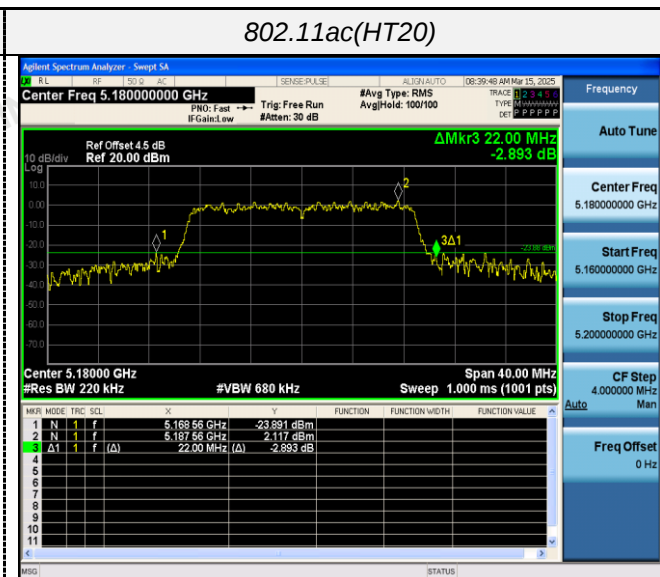
CH48



802.11n(HT40)



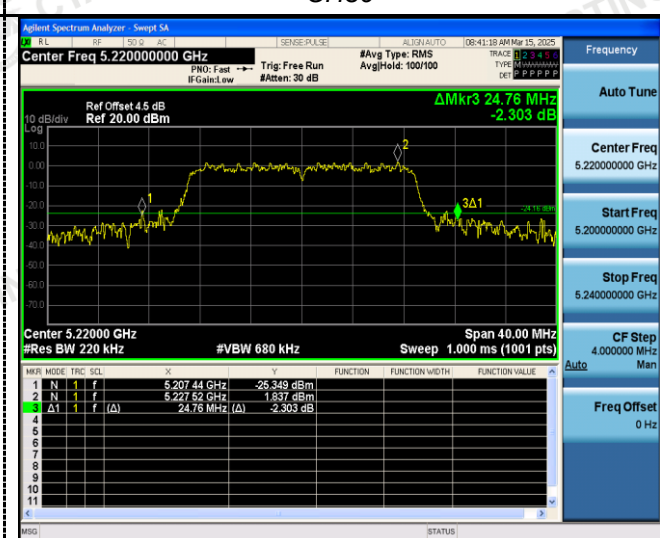
802.11ac(HT20)



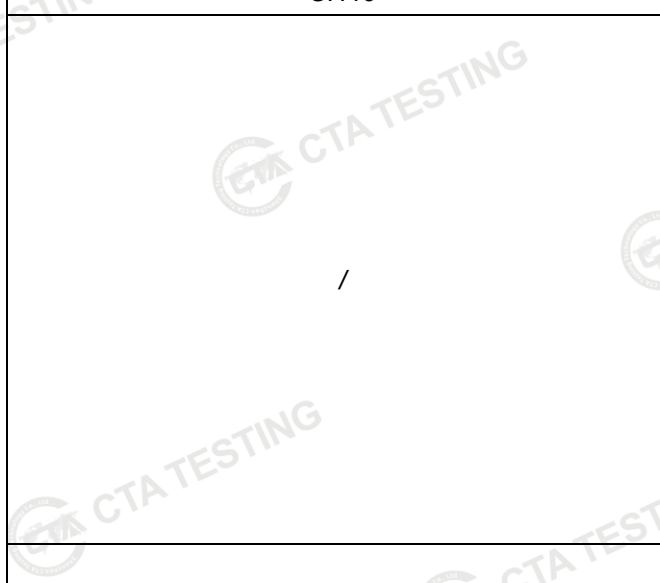
CH38



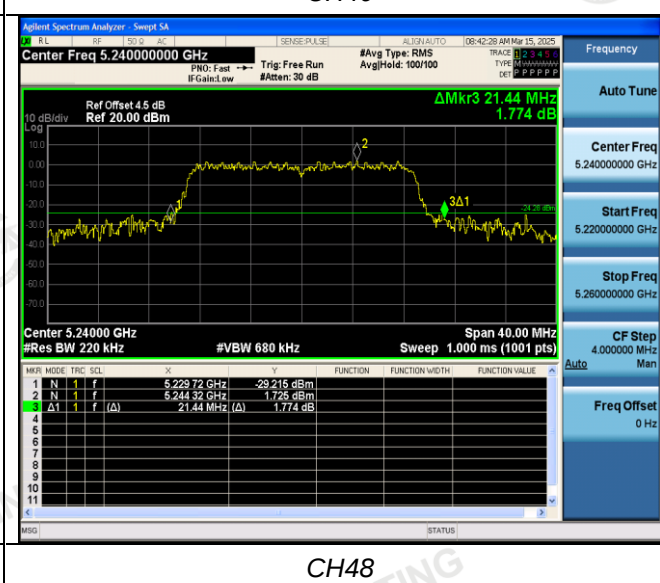
CH36



CH46

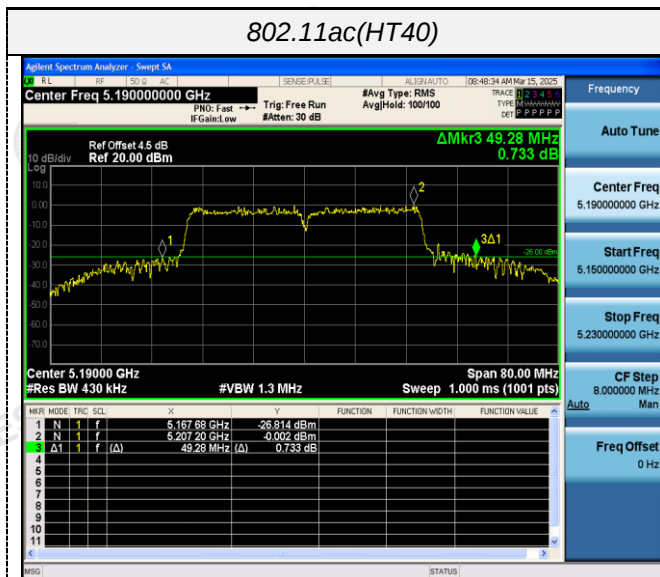


CH40

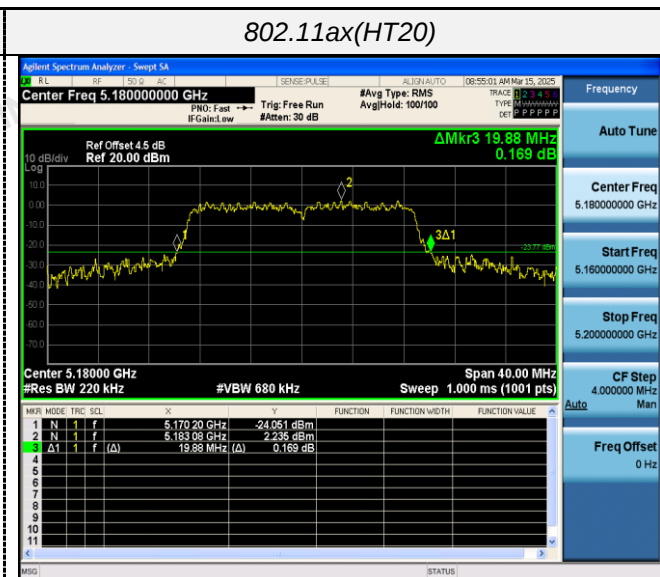


CH48

802.11ac(HT40)



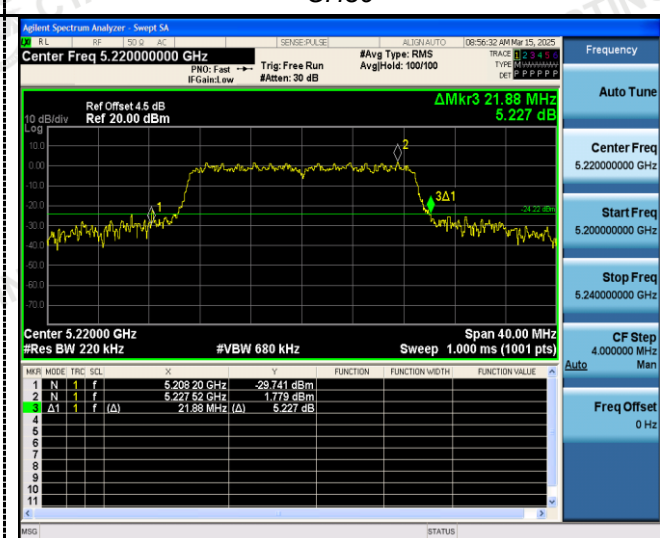
802.11ax(HT20)



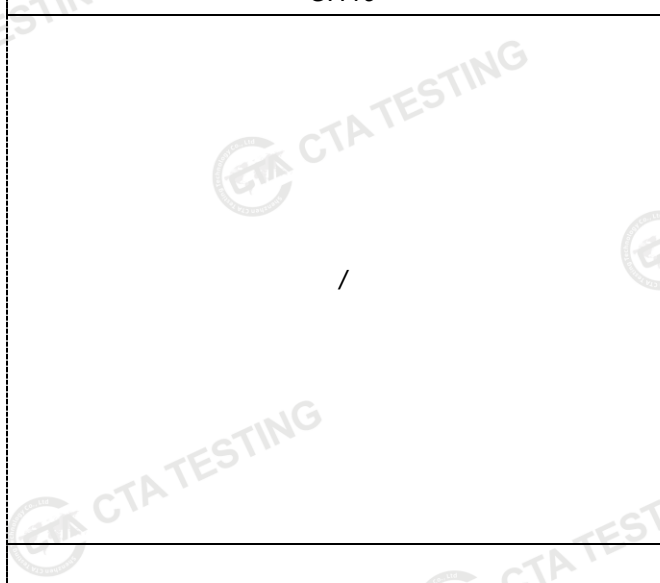
CH38



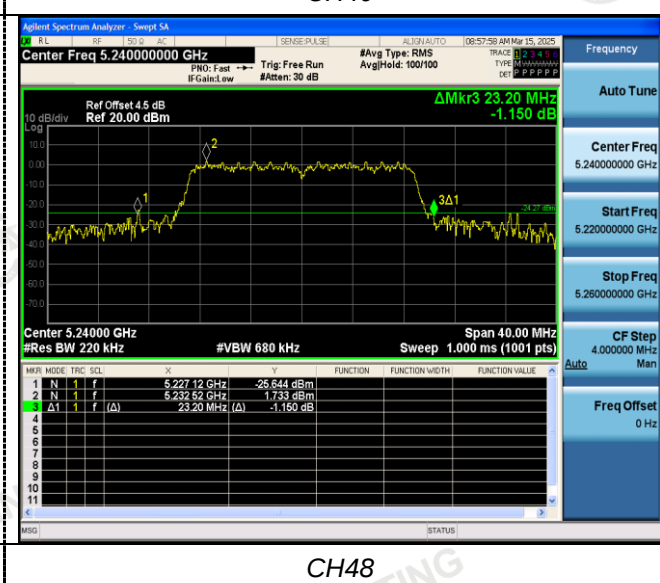
CH36



CH46



CH40



CH48