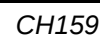


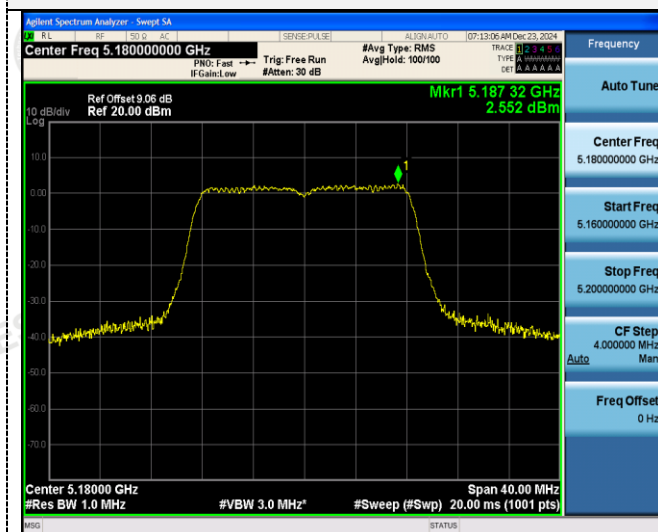
U-NII 1



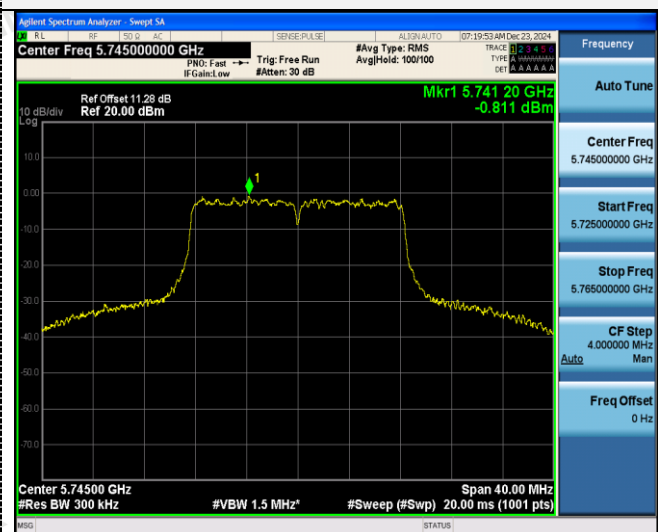
ANT2:

802.11a

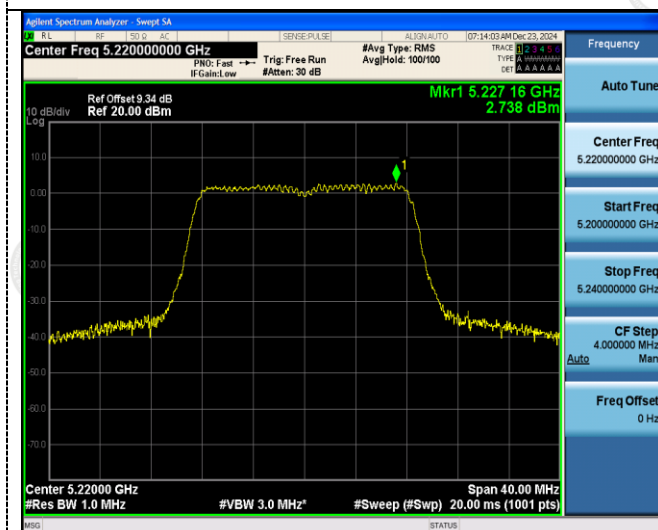
U-NII 1



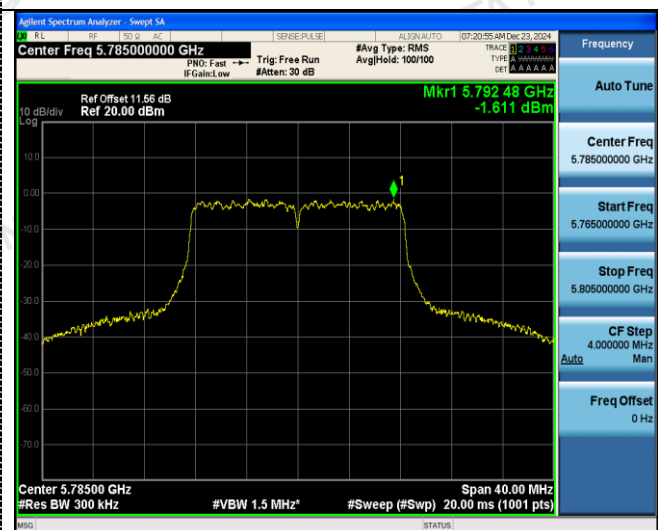
U-NII 3



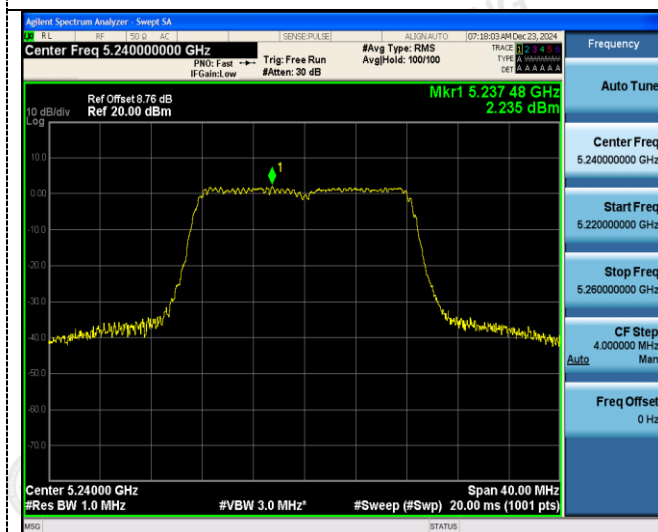
CH36



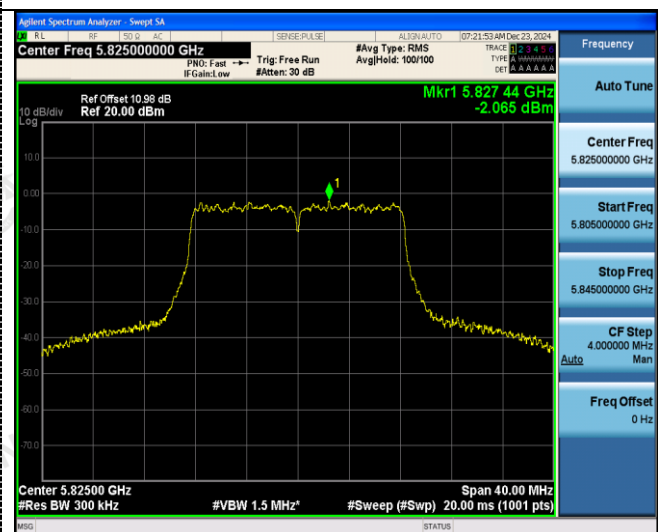
CH149



CH40



CH157

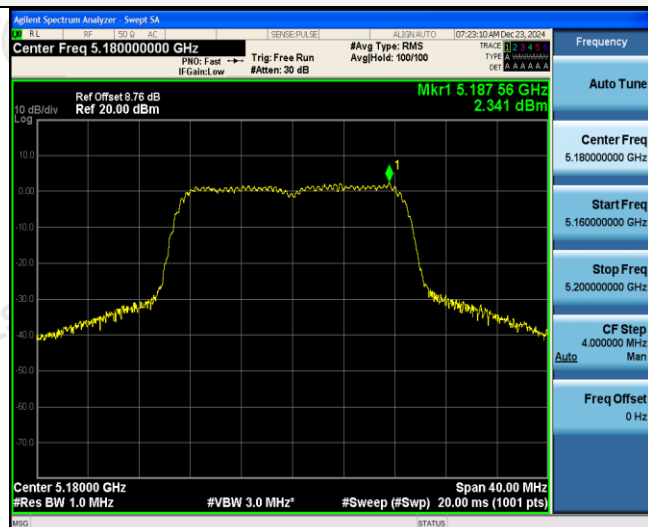


CH48

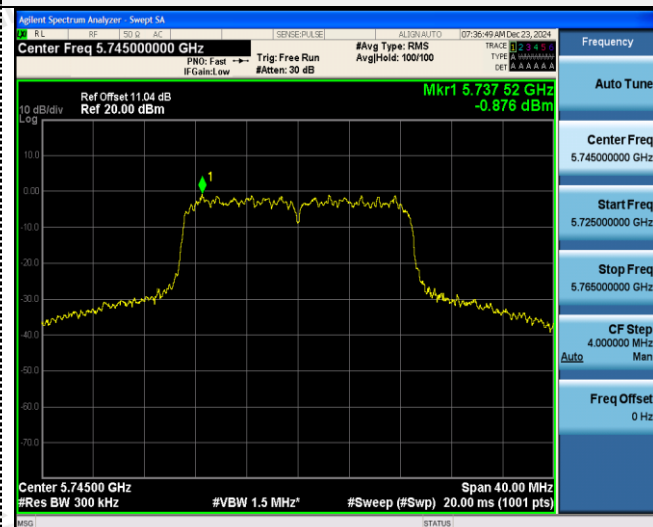
CH165

802.11n(HT20)

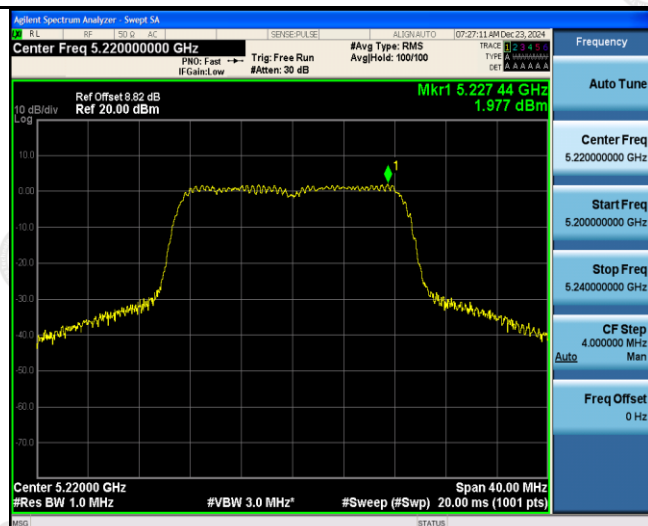
U-NII 1



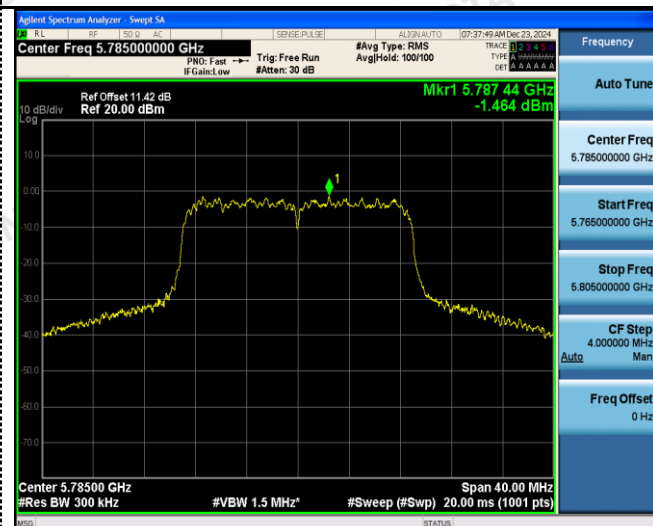
U-NII 3



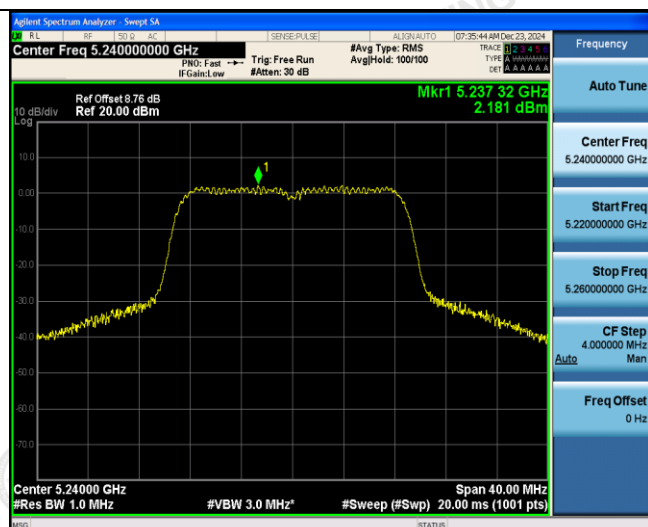
CH36



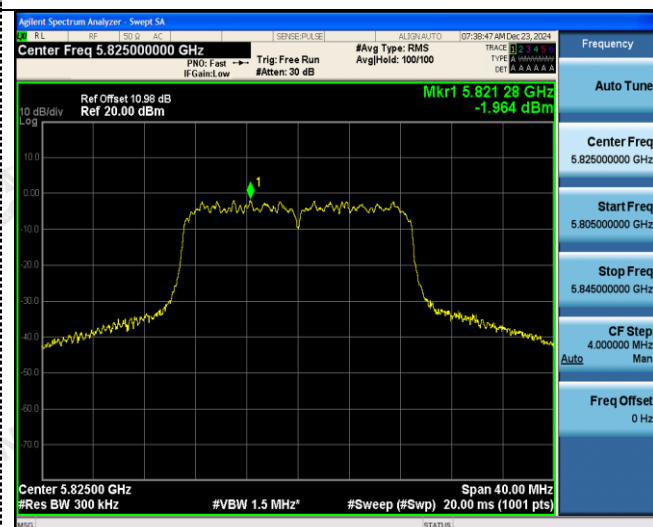
CH149



CH40



CH157

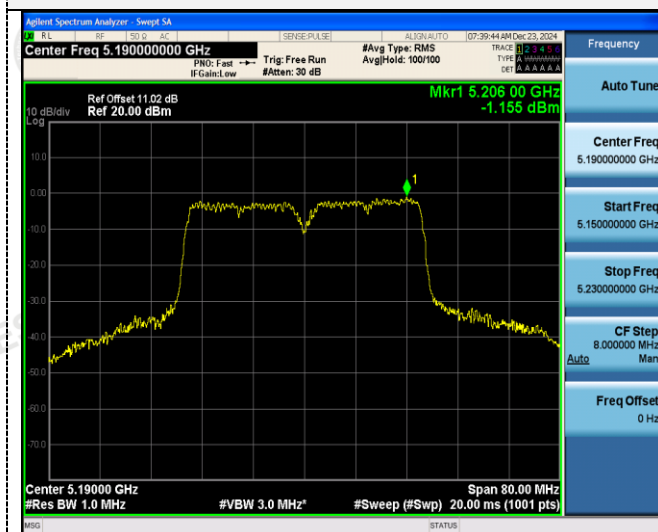


CH48

CH165

802.11n(HT40)

U-NII 1



U-NII 3



CH38



CH151

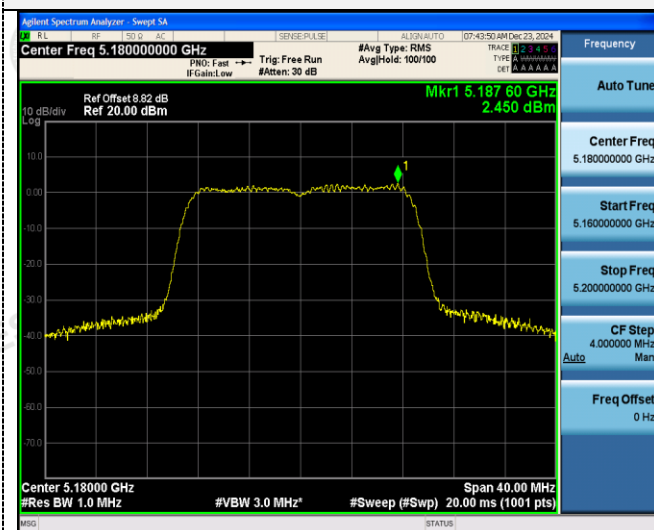


CH46

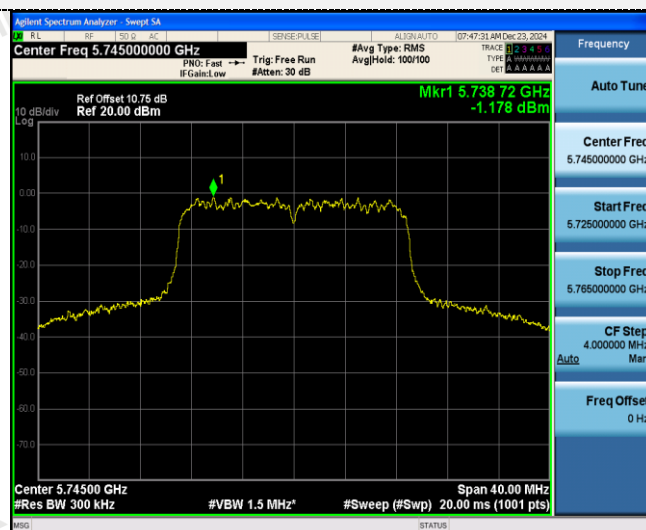
CH159

802.11ac(HT20)

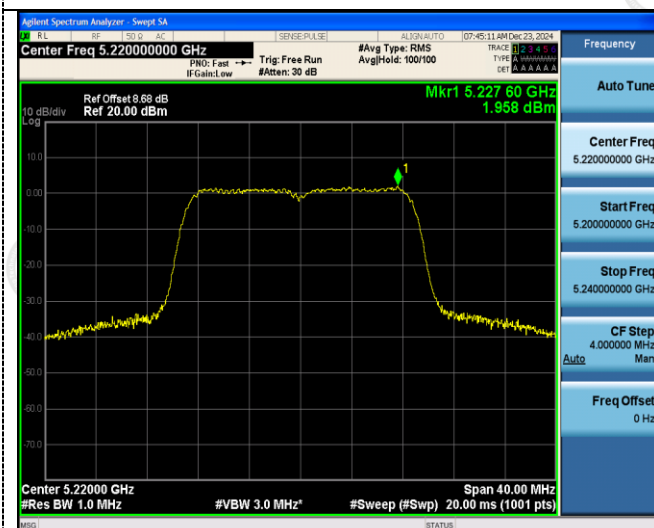
U-NII 1



U-NII 3



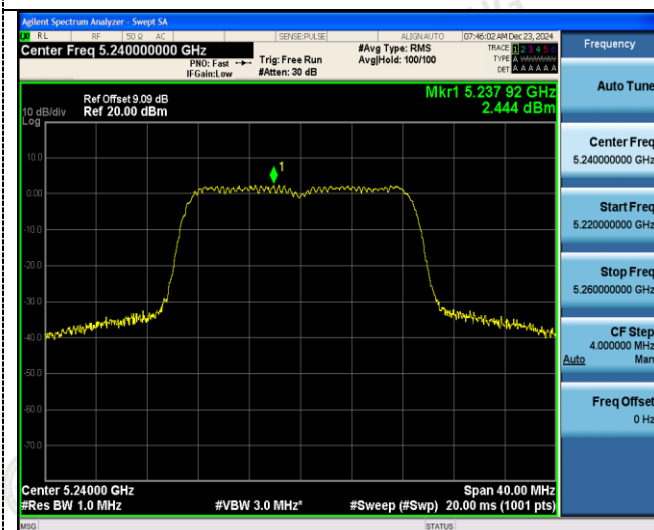
CH36



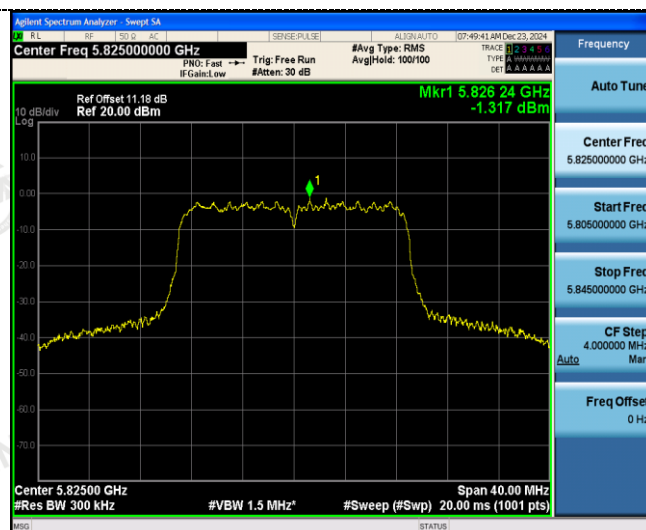
CH149



CH40



CH157

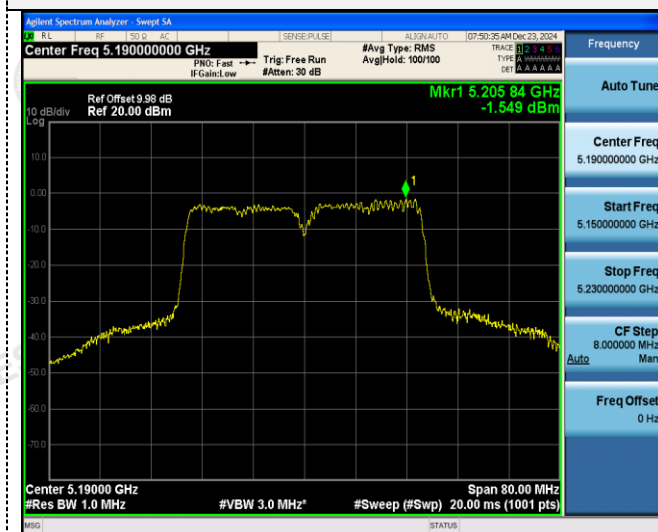


CH4

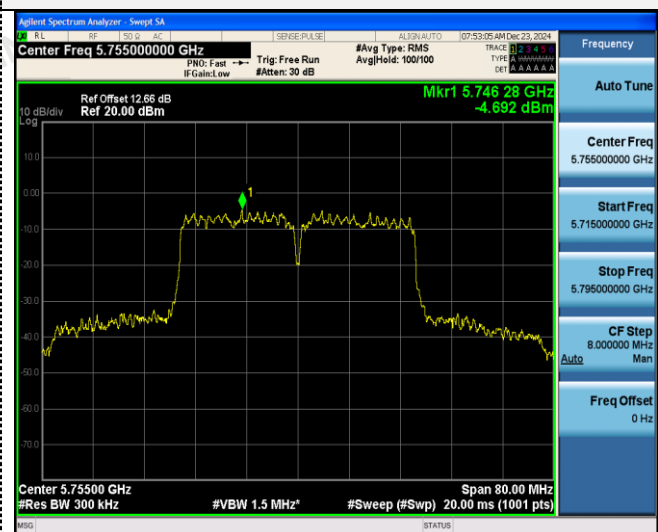
CH165

802.11ac(HT40)

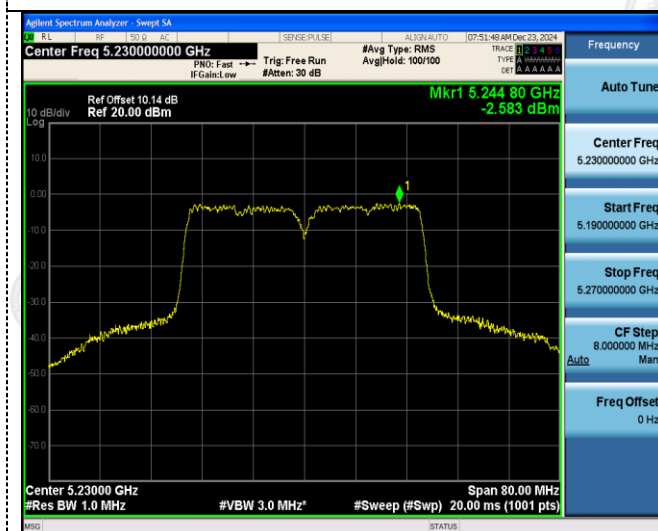
U-NII 1



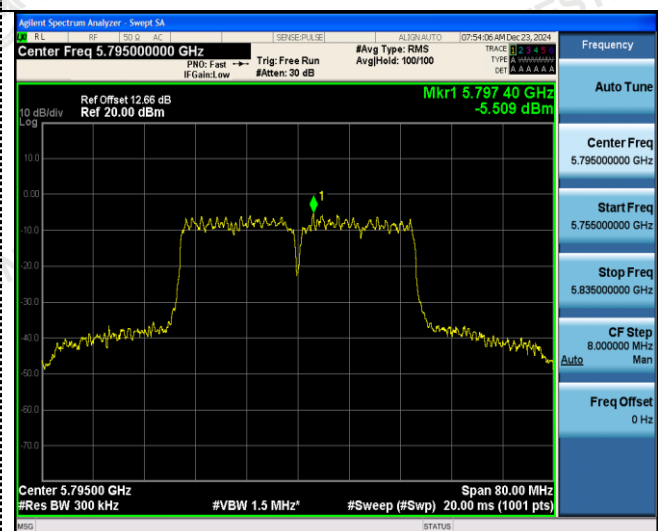
U-NII 3



CH38



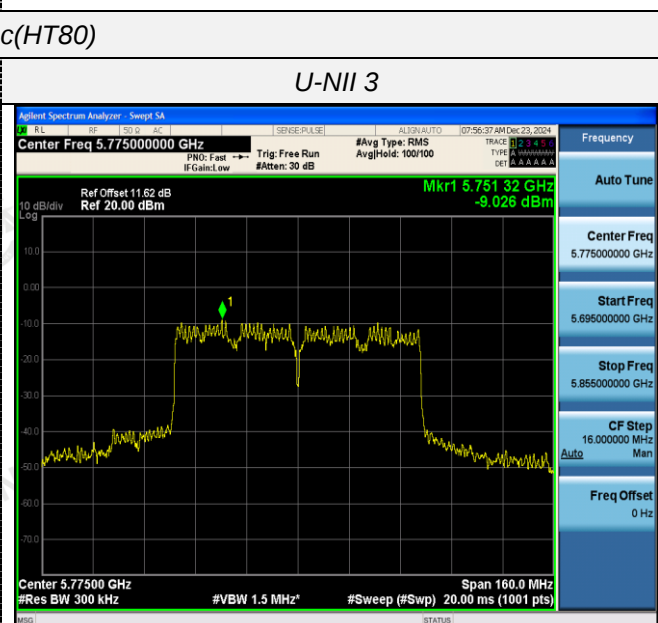
CH151



CH46



CH159



U-NII 1

U-NII 3

CH42

CH155

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

ANT1:

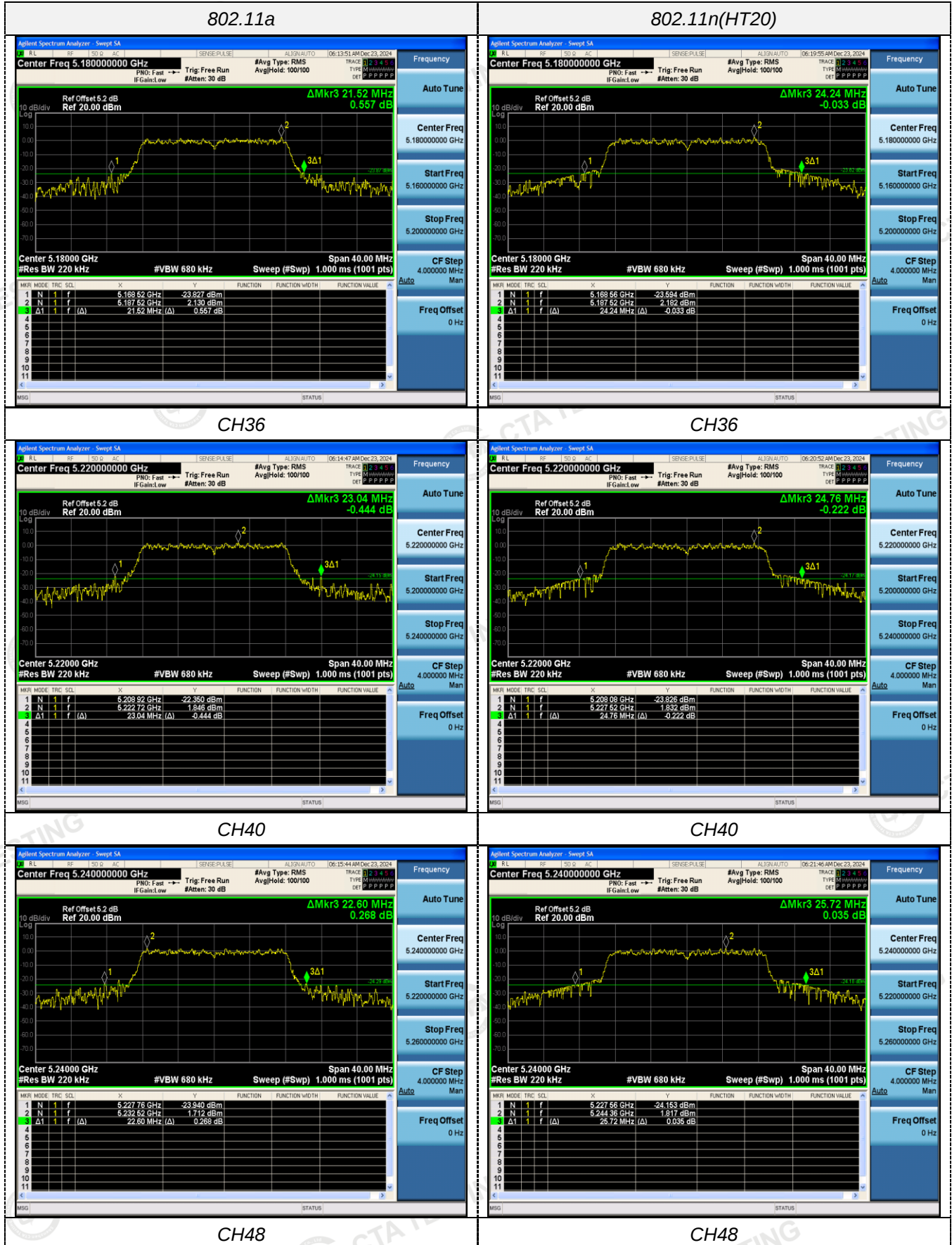
Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	21.520	N/A	Pass
		40	23.040		
		48	22.600		
802.11n(HT20)	U-NII 1	36	24.240		
		40	24.760		
		48	25.720		
802.11n(HT40)	U-NII 1	38	48.240		
		46	43.440		
802.11ac(HT20)	U-NII 1	36	25.200		
		40	22.200		
		48	21.000		
802.11ac(HT40)	U-NII 1	38	51.280		
		46	46.560		
802.11ac(HT80)	U-NII 1	42	83.680		

ANT2:

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	19.400	N/A	Pass
		40	20.480		
		48	24.160		
802.11n(HT20)	U-NII 1	36	25.360		
		40	25.560		
		48	25.920		
802.11n(HT40)	U-NII 1	38	54.160		
		46	43.840		
802.11ac(HT20)	U-NII 1	36	23.400		
		40	23.600		
		48	19.640		
802.11ac(HT40)	U-NII 1	38	48.560		
		46	46.000		
802.11ac(HT80)	U-NII 1	42	83.520		

Test plot as follows:

ANT1:



802.11n(HT40)



802.11ac(HT20)



CH38



CH36



CH46



CH40



CH48