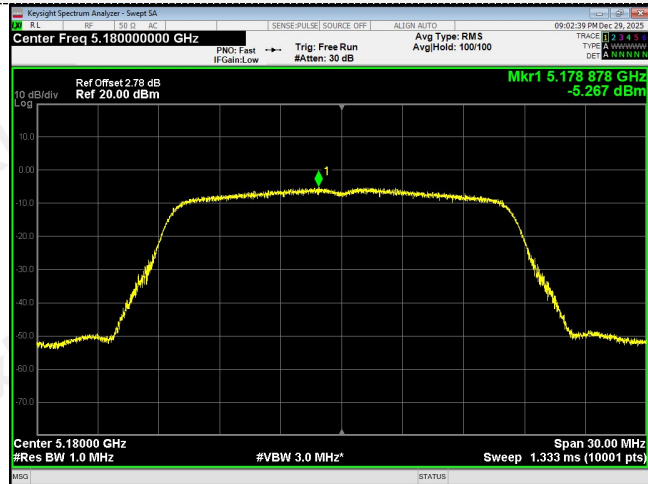


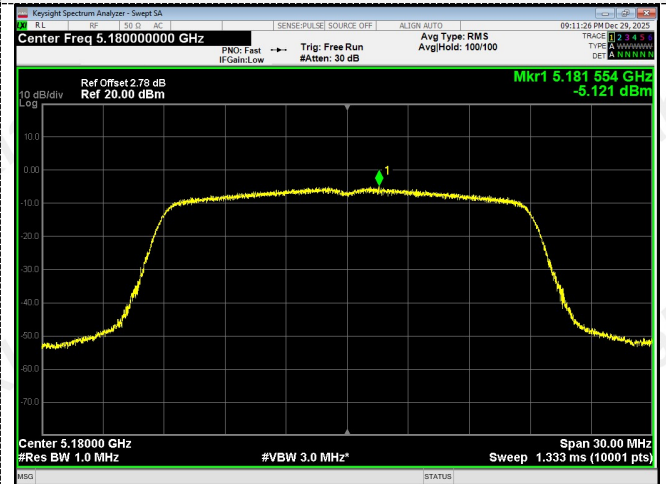
ANT2

U-NII 1

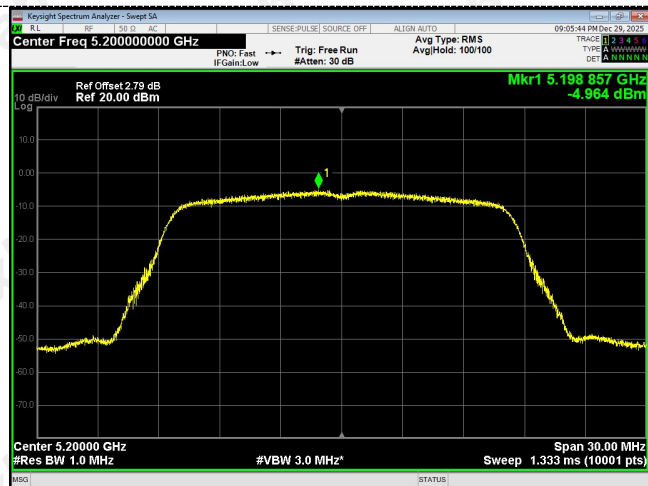
802.11a



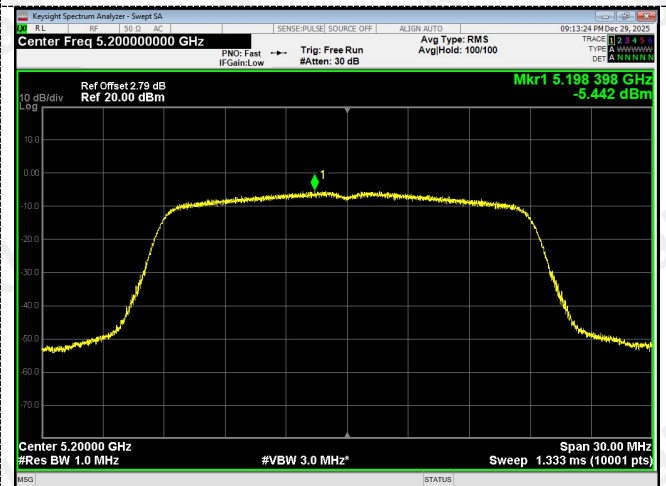
802.11n(HT20)



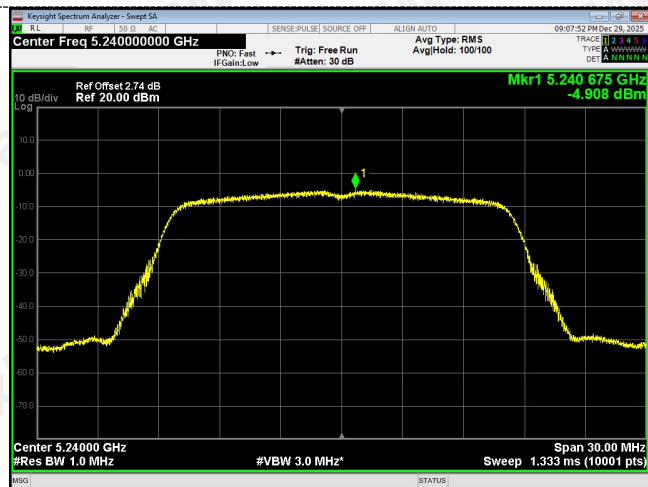
CH36



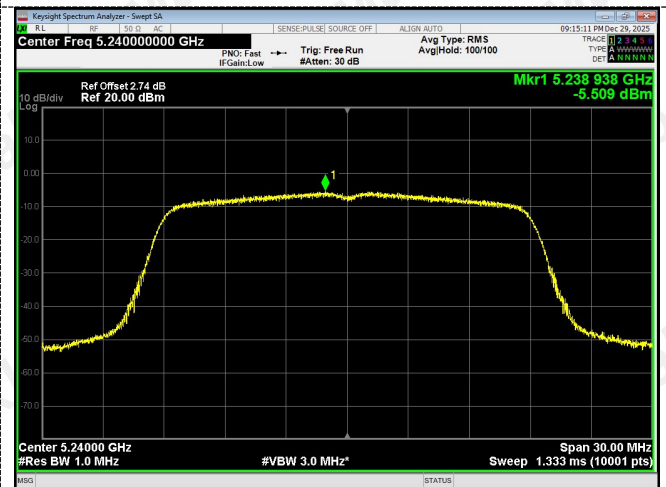
CH36



CH40



CH40

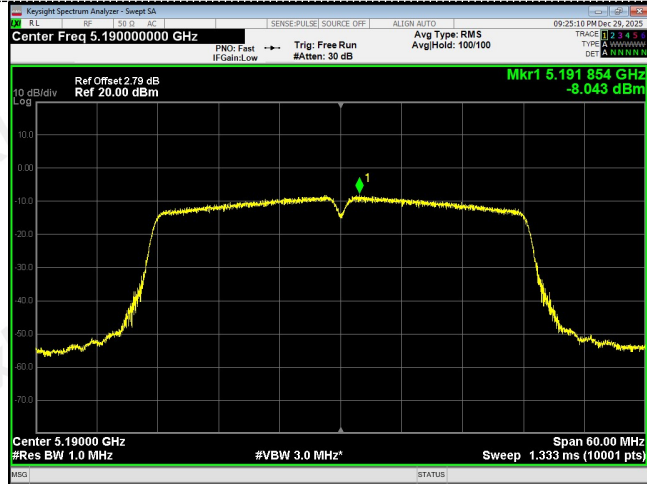


CH48

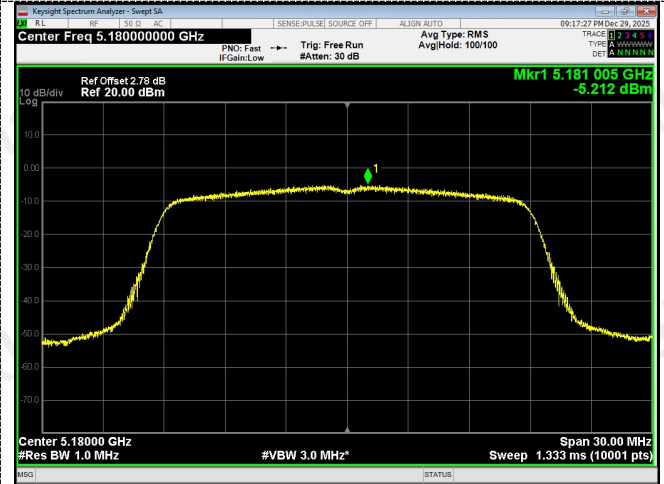
CH48

U-NII 1

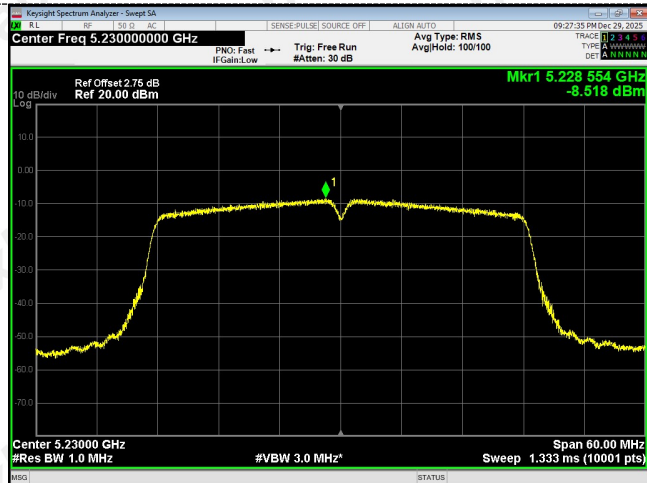
802.11n(HT40)



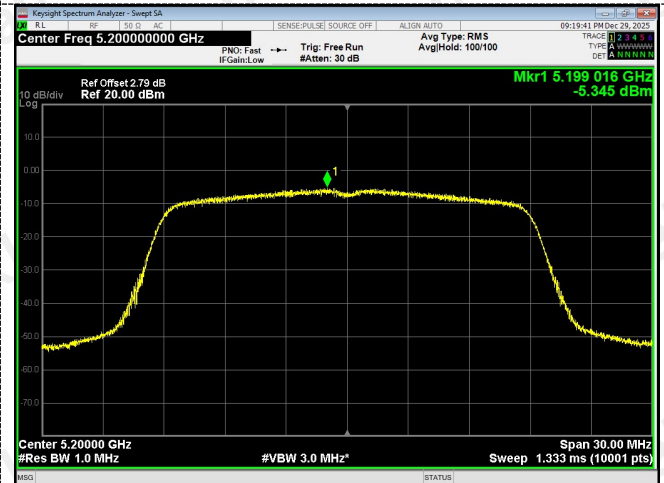
802.11ac(HT20)



CH38



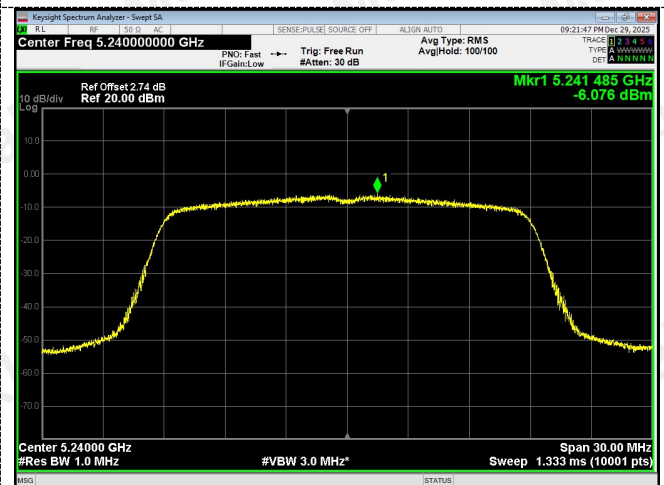
CH36



CH46



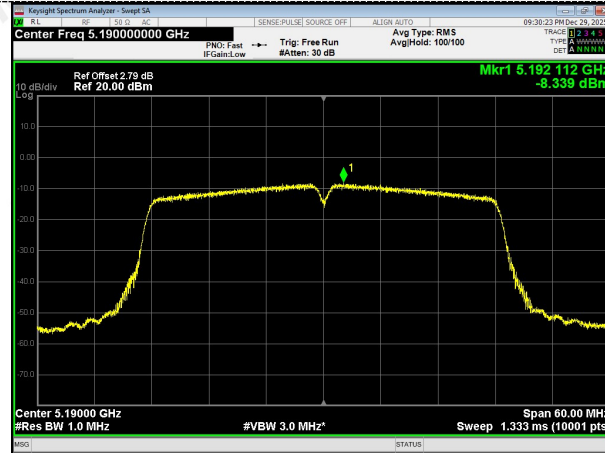
CH40



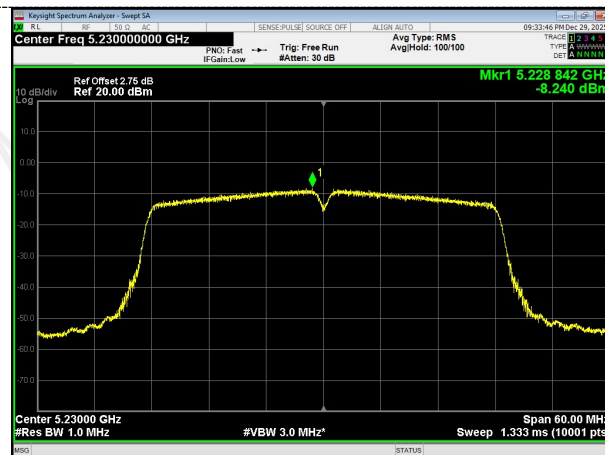
CH48

U-NII 1

802.11ac(HT40)



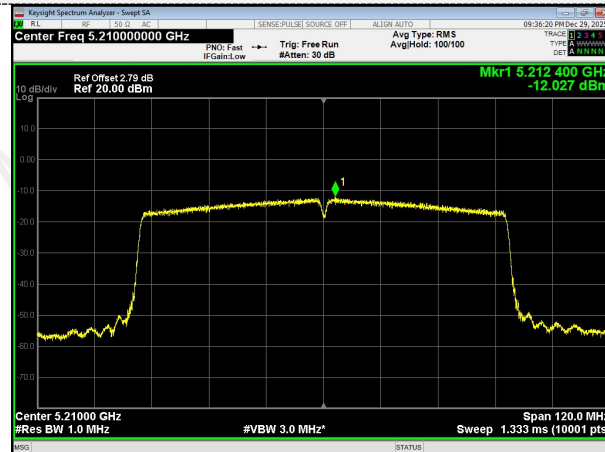
CH38



CH46

U-NII 1

802.11ac(HT80)



CH42

4.5 Emission Bandwidth (26dBm 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

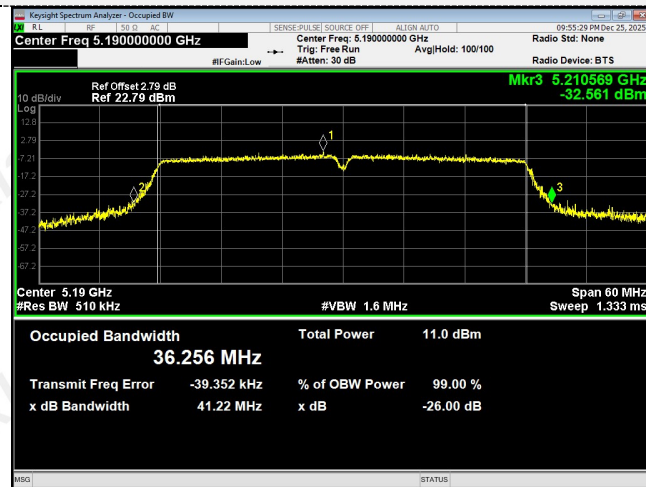
Type	Bands	Channel	26dB Bandwidth (MHz)		Result
			ANT1	ANT2	
802.11a	U-NII 1	36	22.796	20.115	Pass
		40	22.547	19.823	
		48	22.497	19.875	
802.11n(HT20)	U-NII 1	36	24.577	20.239	
		40	24.128	20.273	
		48	22.668	20.274	
802.11n(HT40)	U-NII 1	38	41.216	40.535	
		46	41.132	40.585	
802.11ac(HT20)	U-NII 1	36	24.457	20.332	
		40	24.24	20.303	
		48	23.683	20.284	
802.11ac(HT40)	U-NII 1	38	41.032	40.166	
		46	40.684	40.566	
802.11ac(HT80)	U-NII 1	42	80.146	80.700	

Test plot as follows:

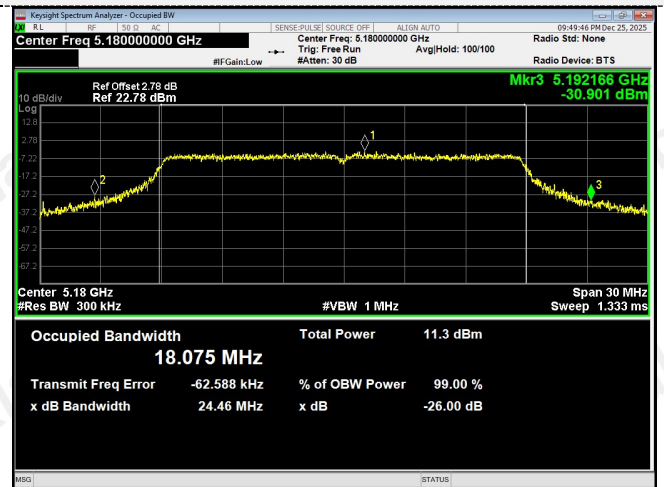
ANT1



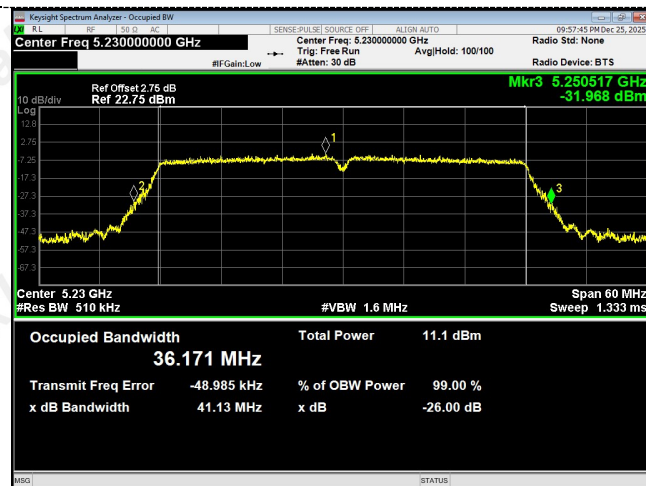
802.11n(HT40)



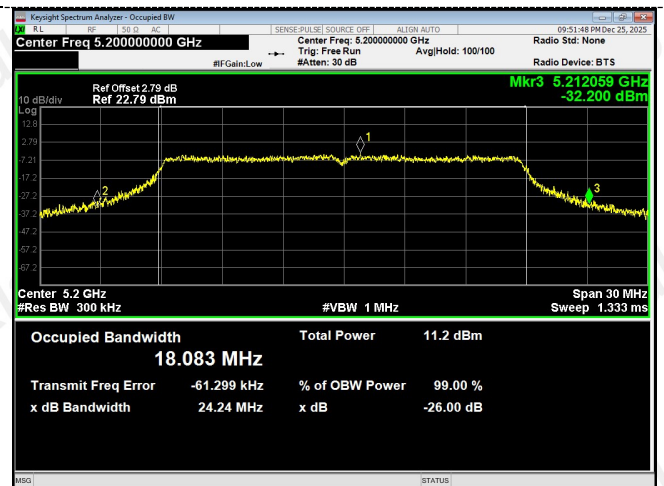
802.11ac(HT20)



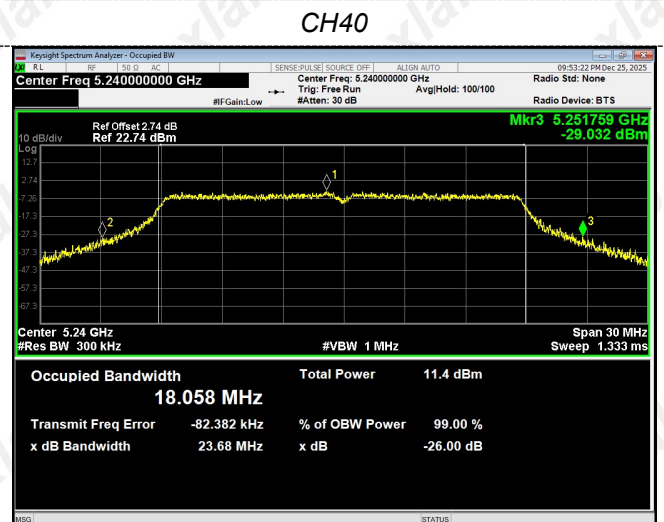
CH38



CH36



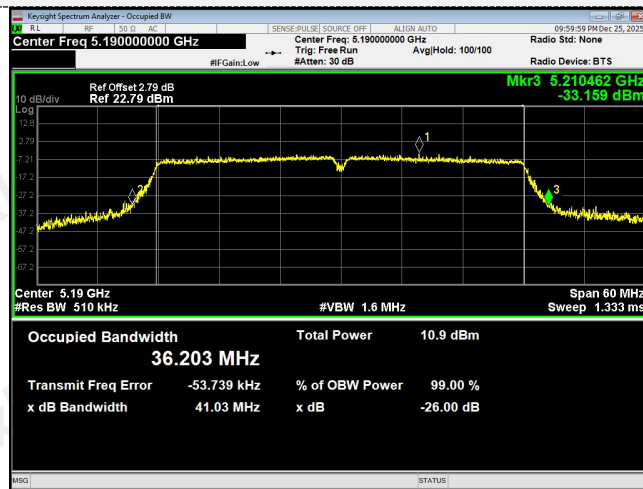
CH46



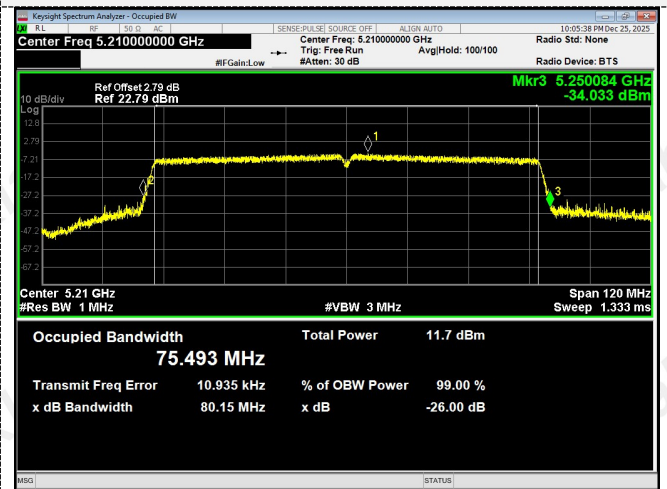
CH40

CH48

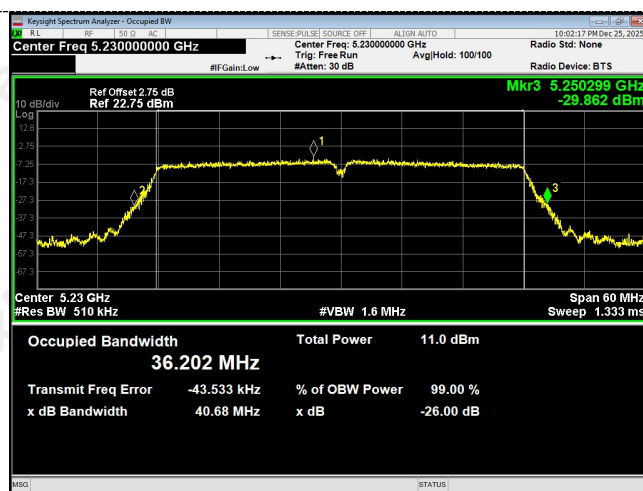
802.11ac(HT40)



802.11ac(HT80)



CH38



CH42

CH46