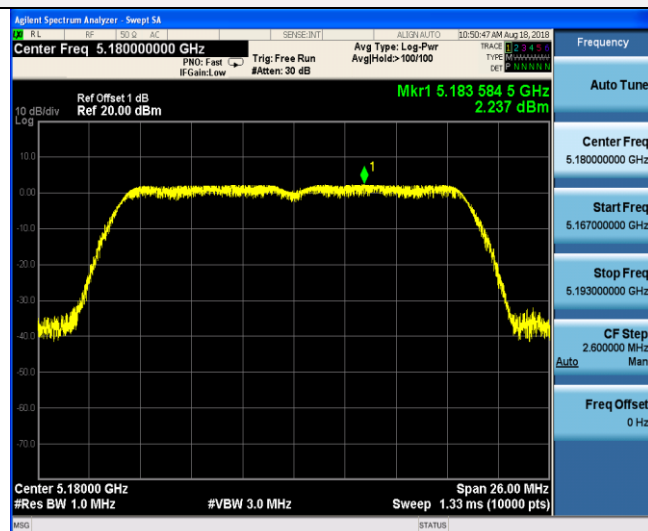


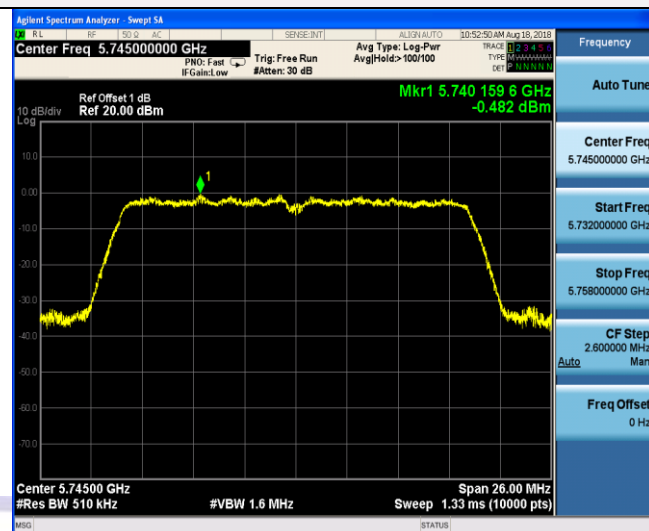
ANT2

802.11a

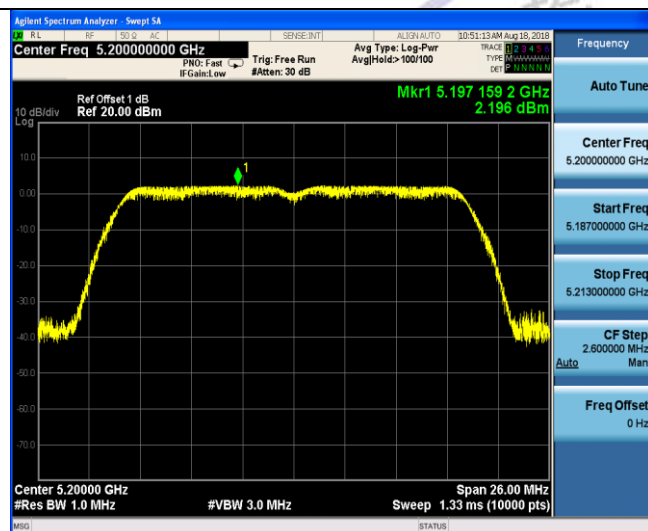
U-NII 1



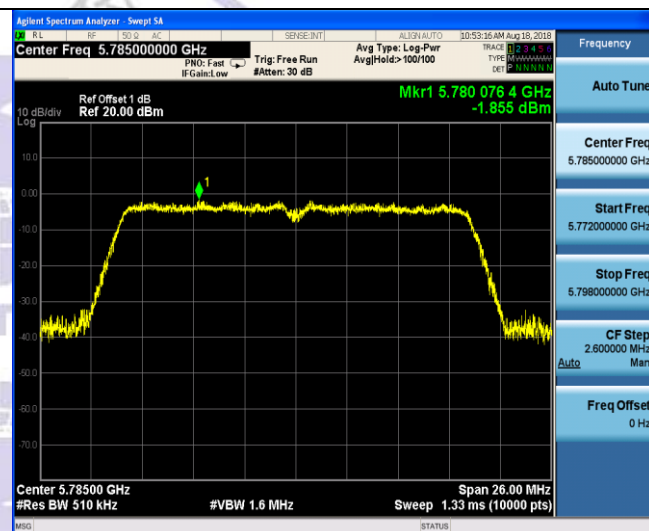
U-NII 3



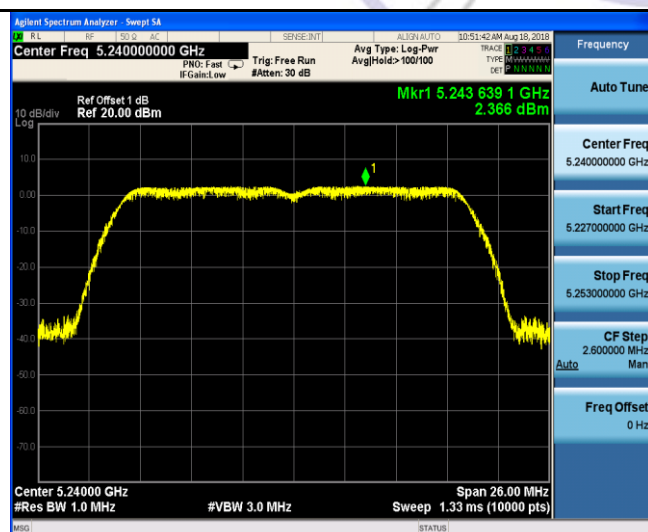
CH36



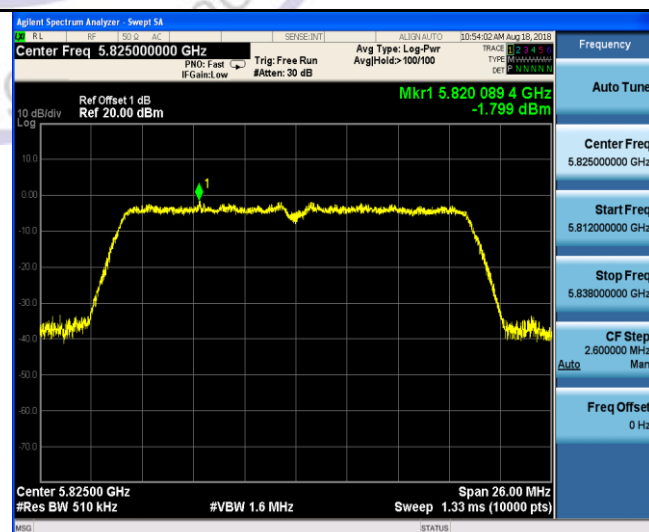
CH149



CH40



CH157

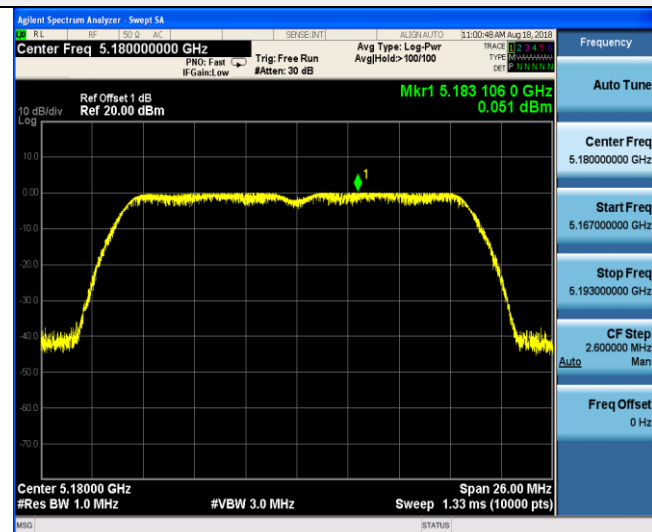


CH48

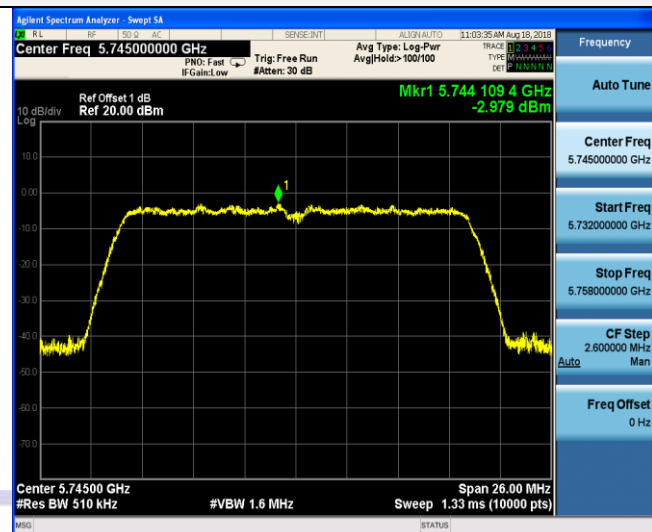
CH165

802.11n(HT20)

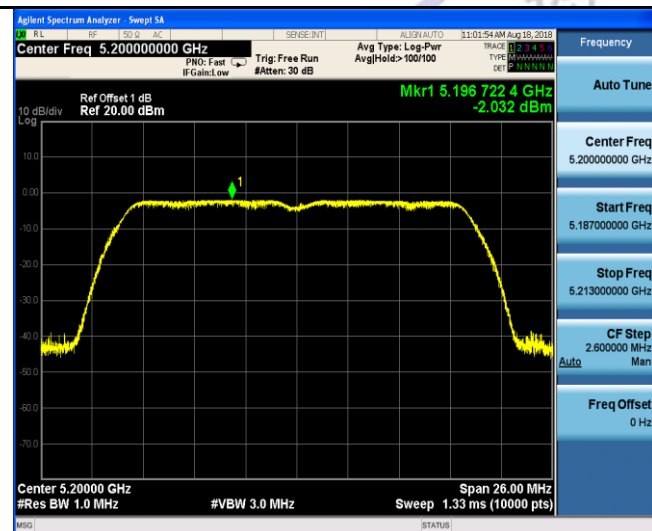
U-NII 1



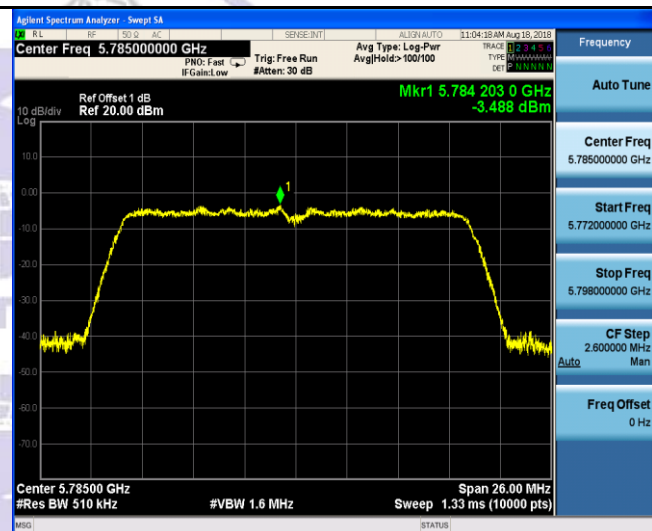
U-NII 3



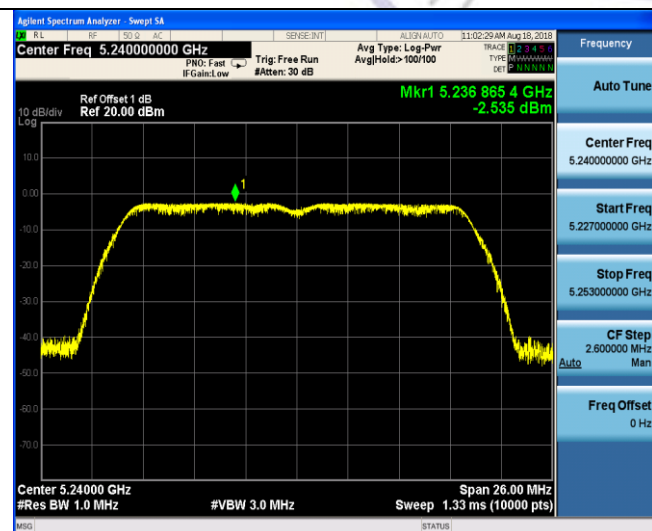
CH36



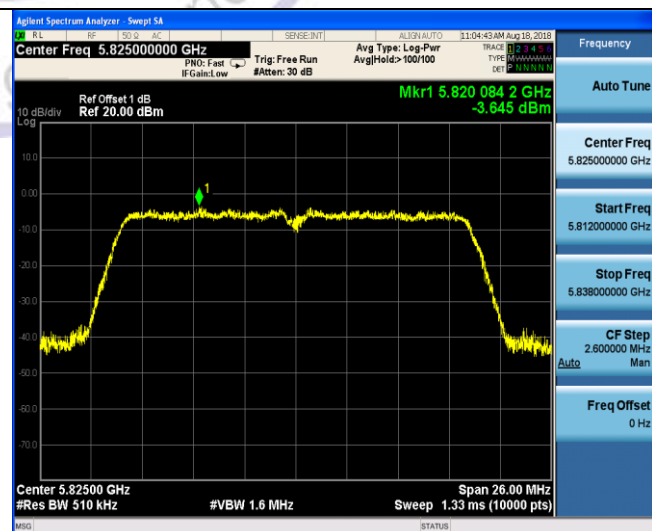
CH149



CH40



CH157

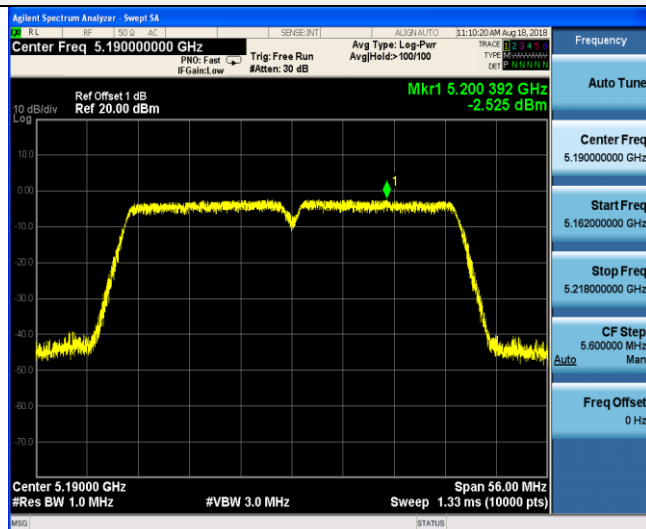


CH48

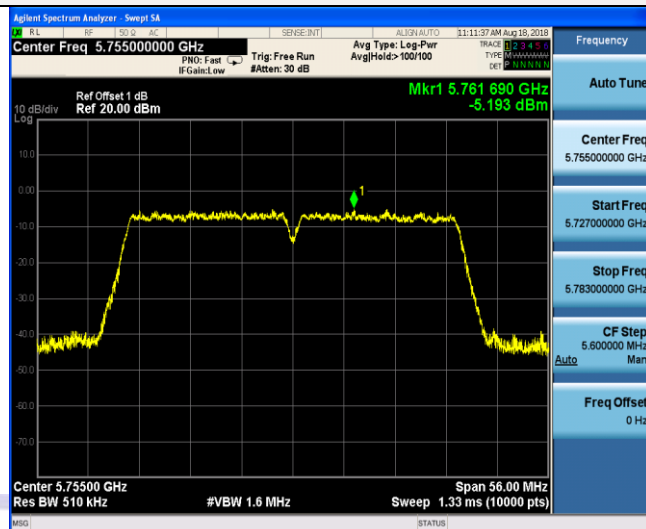
CH165

802.11n(HT40)

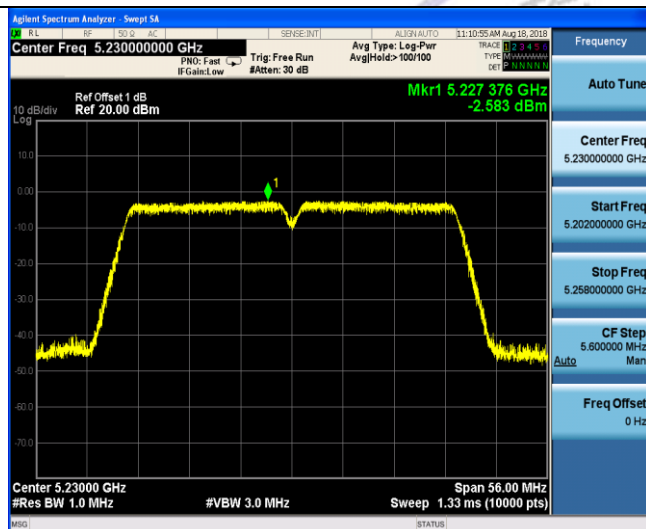
U-NII 1



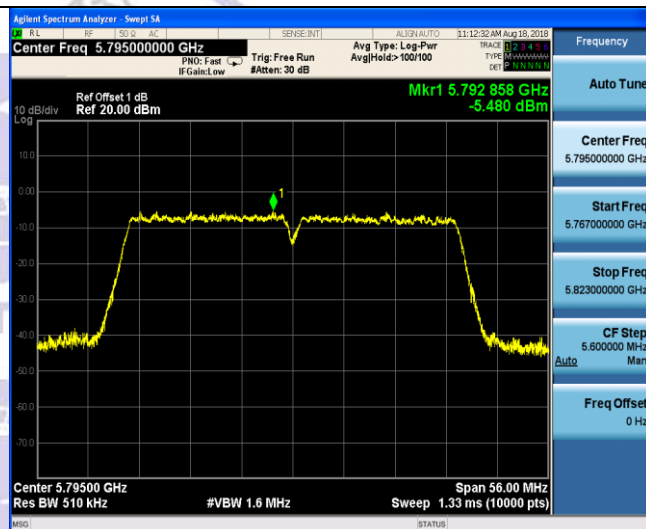
U-NII 3



CH38



CH151

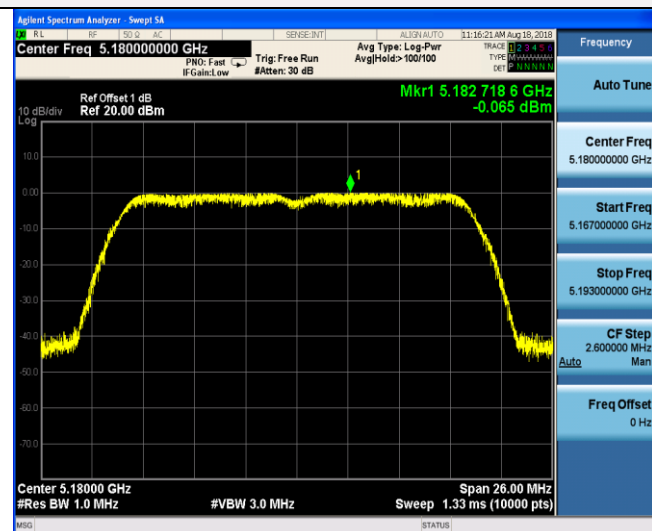


CH46

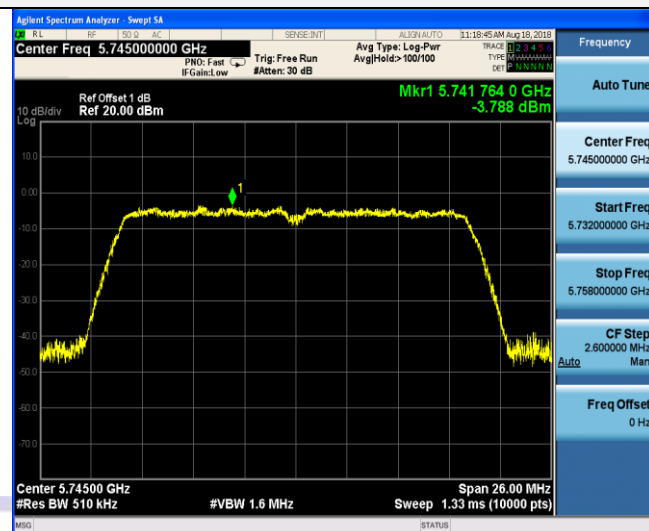
CH159

802.11ac(HT20)

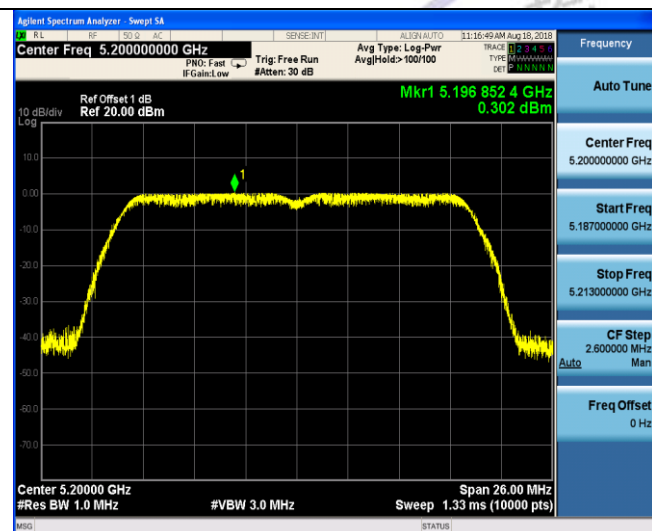
U-NII 1



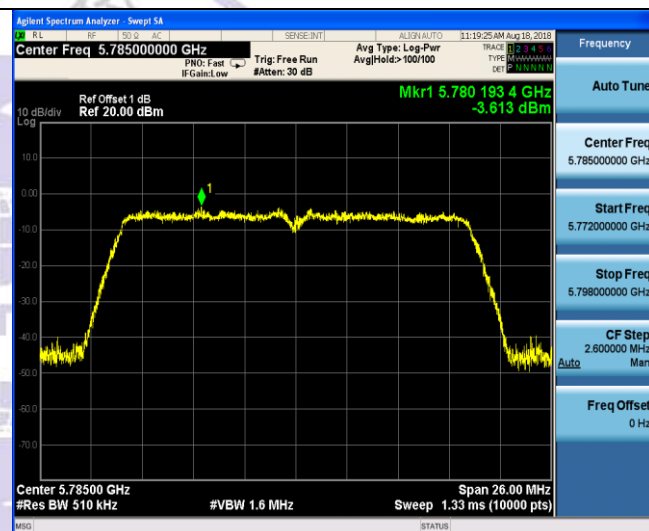
U-NII 3



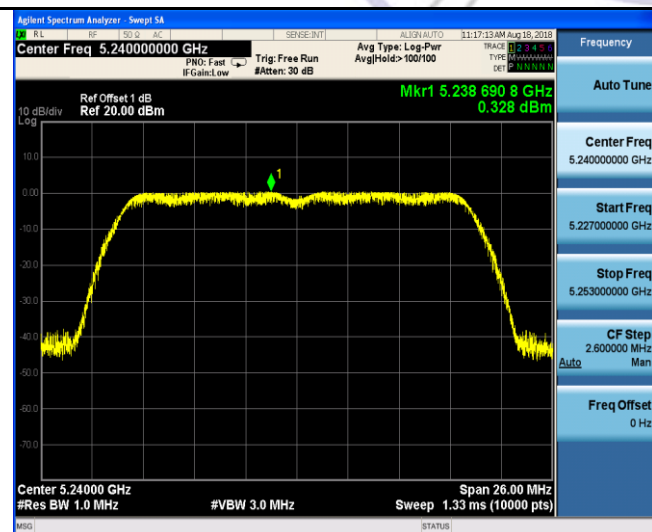
CH36



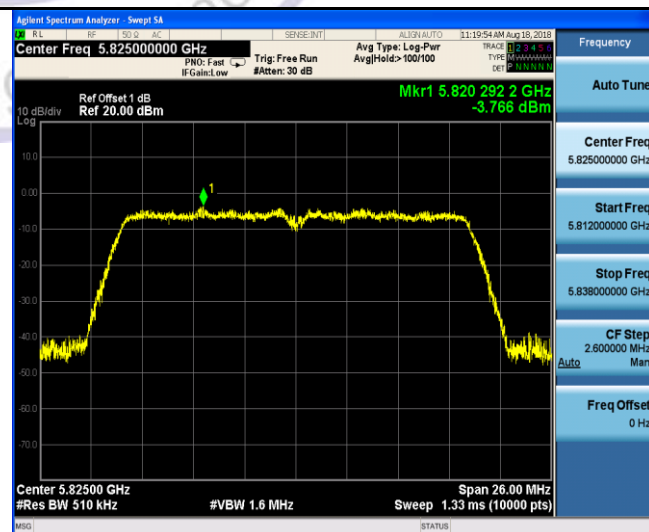
CH149



CH40



CH157

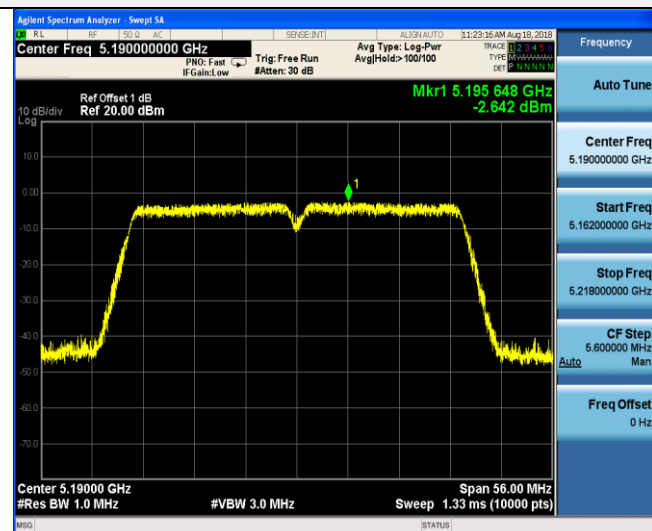


CH48

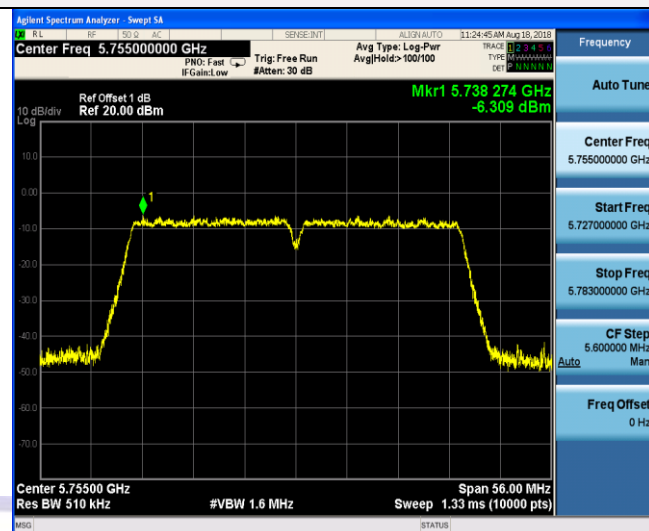
CH165

802.11ac(HT40)

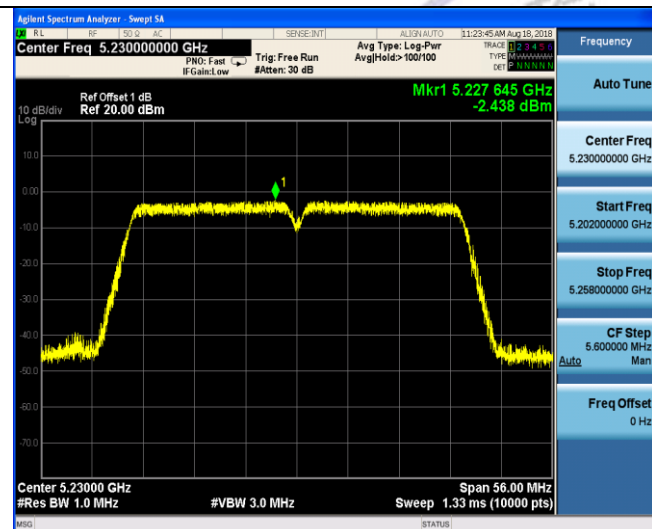
U-NII 1



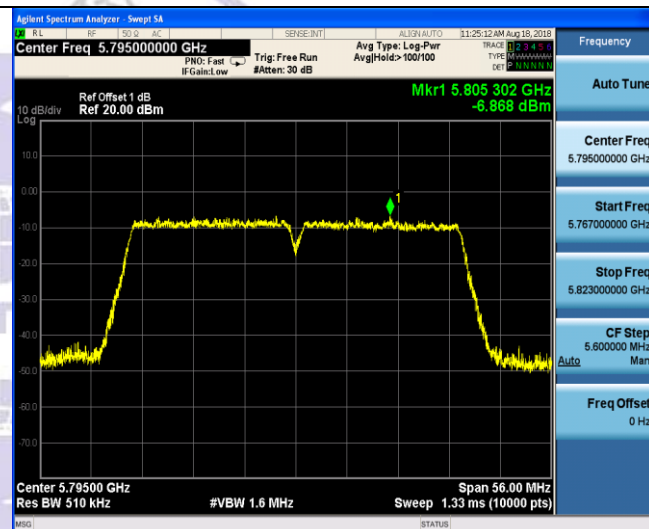
U-NII 3



CH38



CH151

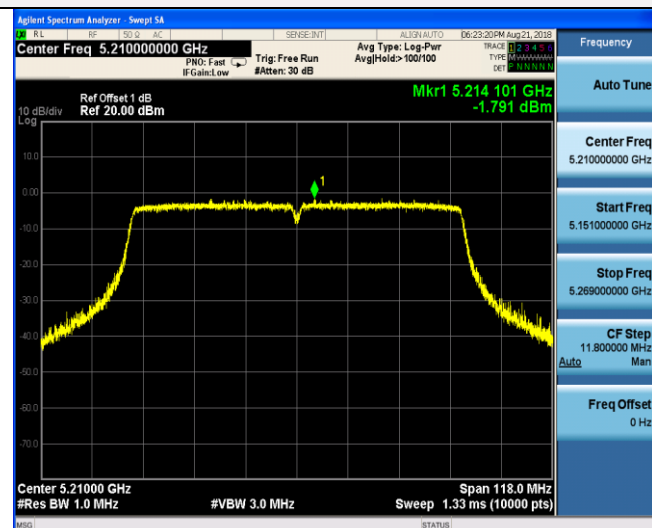


CH46

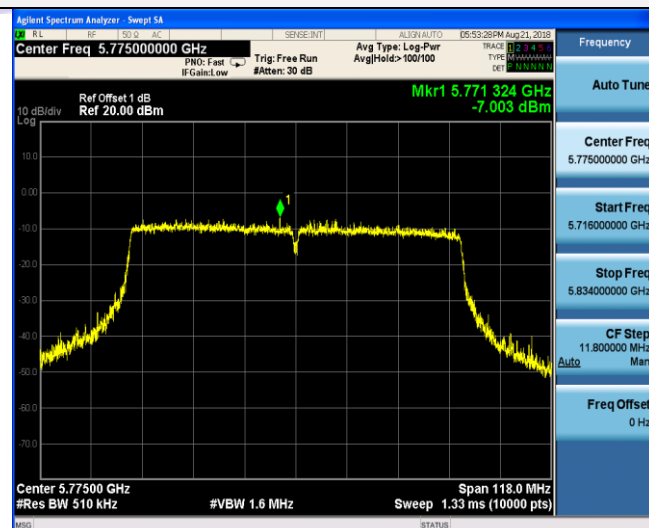
CH159

802.11ac(HT80)

U-NII 1



U-NII 3



CH42

CH155

3.5. 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

ANT1						
Type	Bands	Channel	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	19.59	17.684	N/A	Pass
		40	19.58	17.672		
		48	19.69	17.680		
802.11n(HT20)	U-NII 1	36	19.55	17.683		
		40	19.63	17.680		
		48	19.61	17.678		
802.11n(HT40)	U-NII 1	38	38.81	36.119		
		46	38.87	36.134		
802.11ac(HT20)	U-NII 1	36	19.64	17.665		
		40	19.68	17.687		
		48	19.62	17.677		
802.11ac(HT40)	U-NII 1	38	38.86	36.139		
		46	38.87	36.131		
802.11ac(HT80)	U-NII 1	42	79.93	75.823		

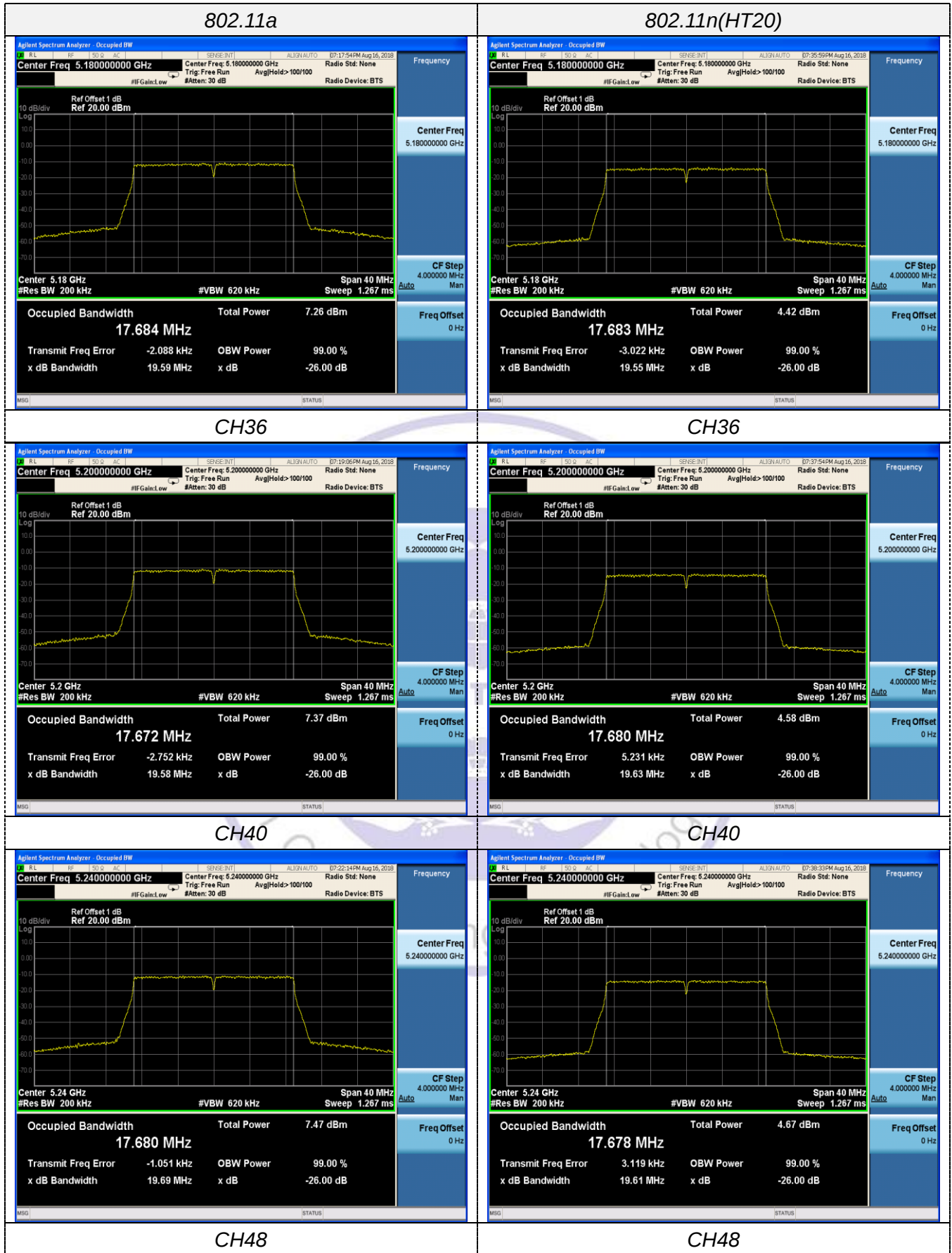
ANT2

Type	Bands	Channel	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	19.66	17.685	N/A	Pass
		40	19.64	17.681		
		48	19.64	17.681		
802.11n(HT20)	U-NII 1	36	19.62	17.676		
		40	19.63	17.689		
		48	19.64	17.689		
802.11n(HT40)	U-NII 1	38	38.82	36.127		
		46	38.74	36.139		
802.11ac(HT20)	U-NII 1	36	19.65	17.683		
		40	19.60	17.678		
		48	19.67	17.684		
802.11ac(HT40)	U-NII 1	38	38.73	36.131		
		46	38.68	36.132		
802.11ac(HT80)	U-NII 1	42	79.96	75.867		

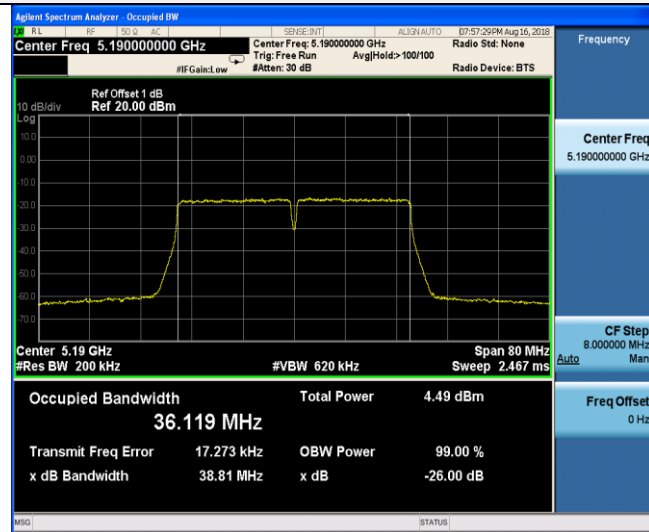
Test plot as follows:



ANT1



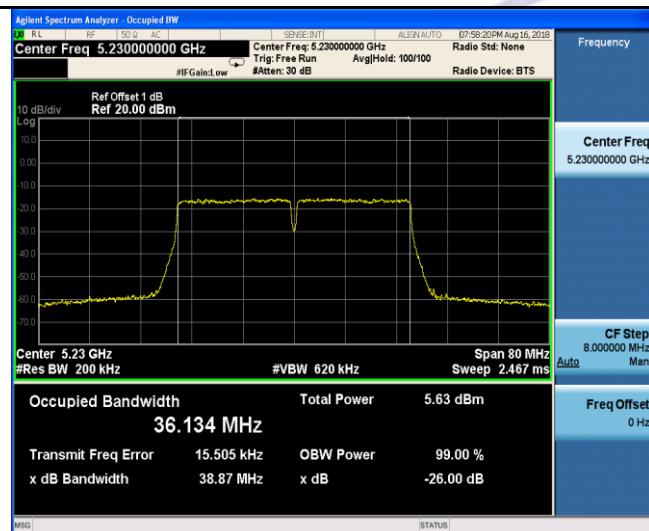
802.11n(HT40)



802.11ac(HT20)



CH38

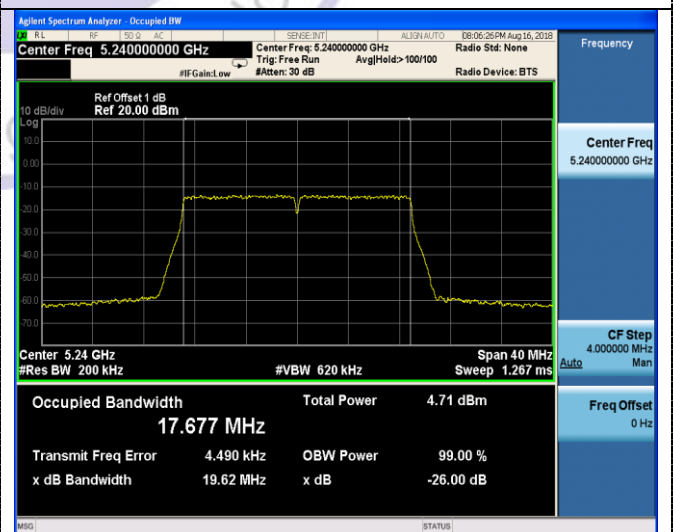


CH36



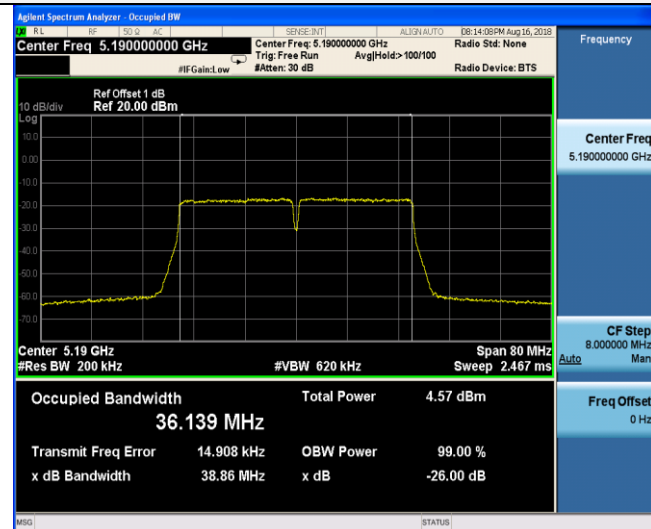
CH46

CH40

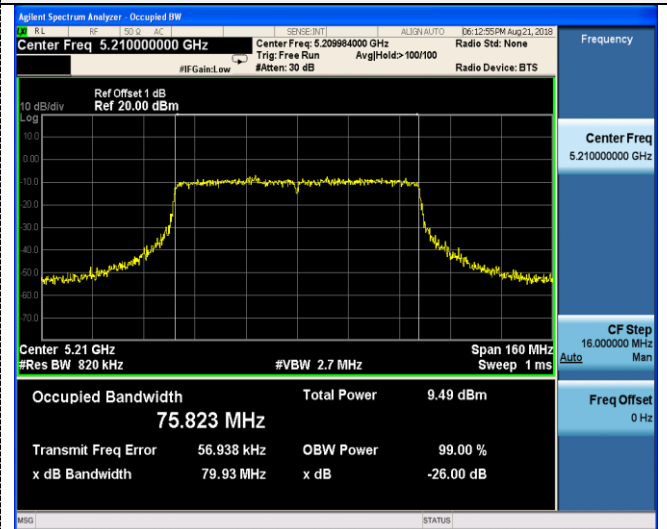


CH48

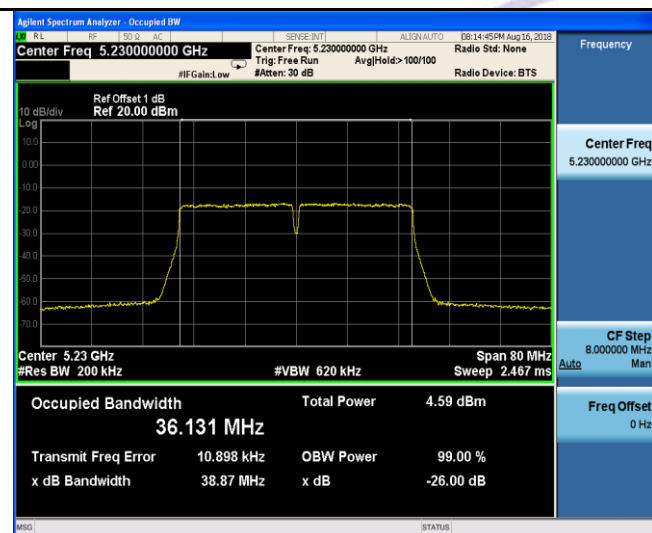
802.11ac(HT40)



802.11ac(HT80)



CH38

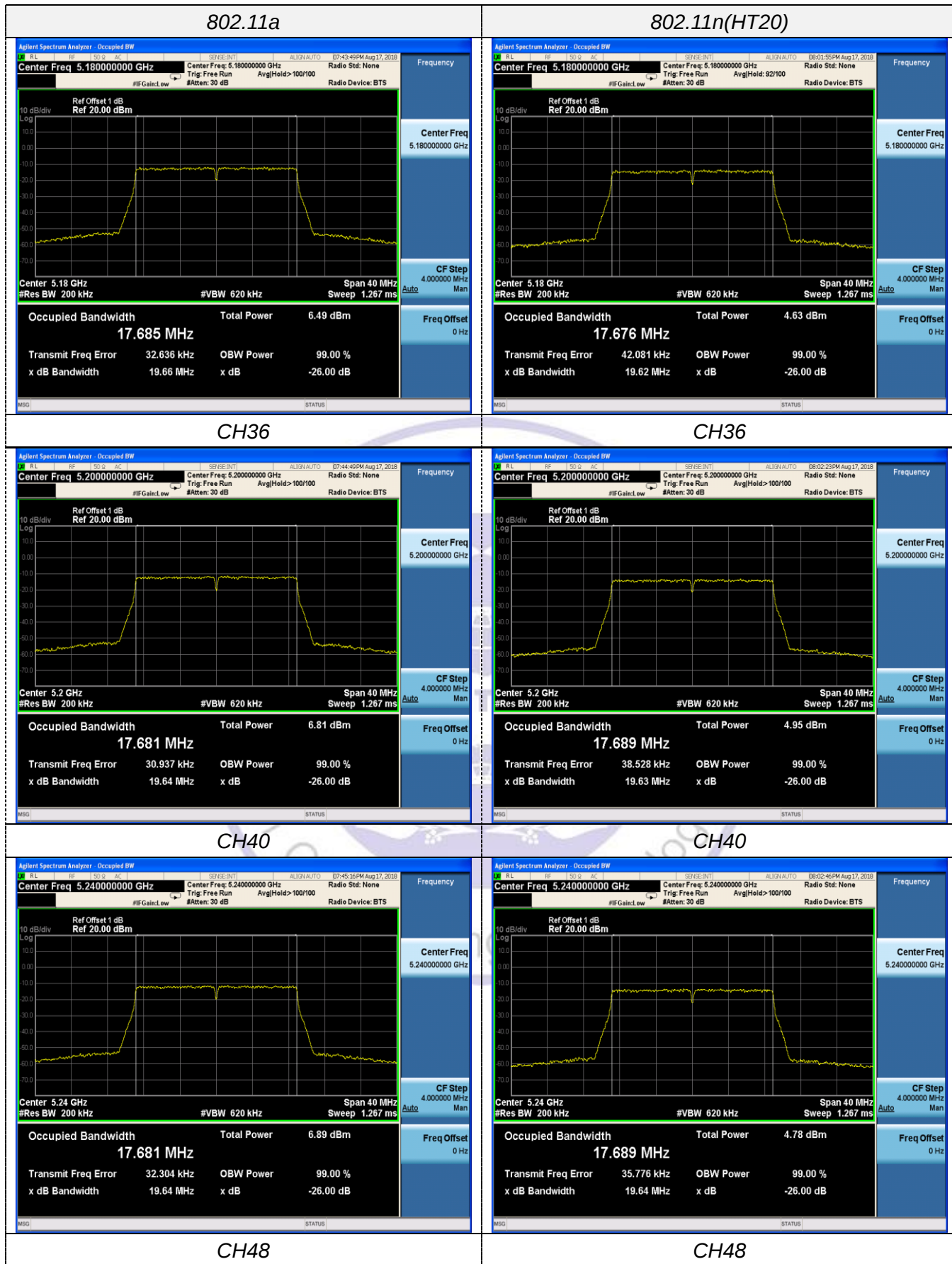


CH42

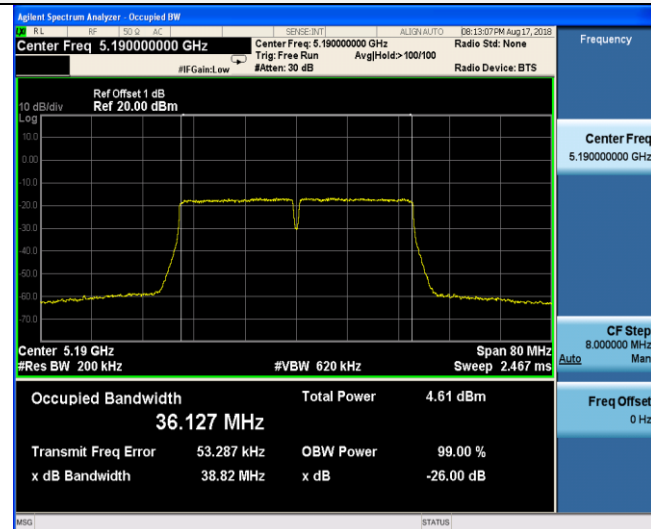


CH46

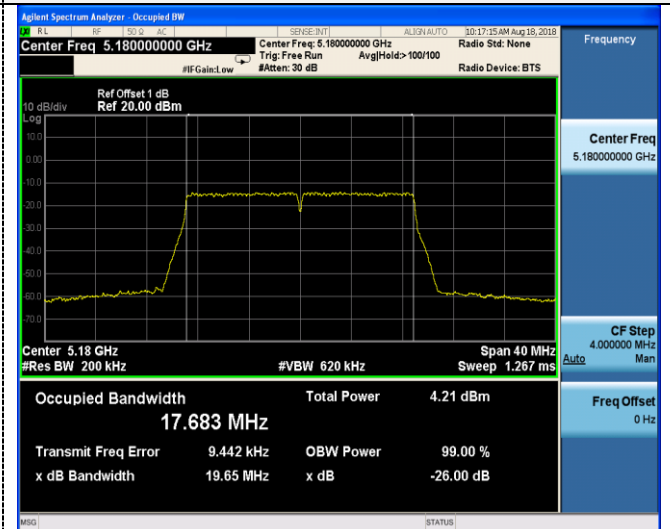
ANT2



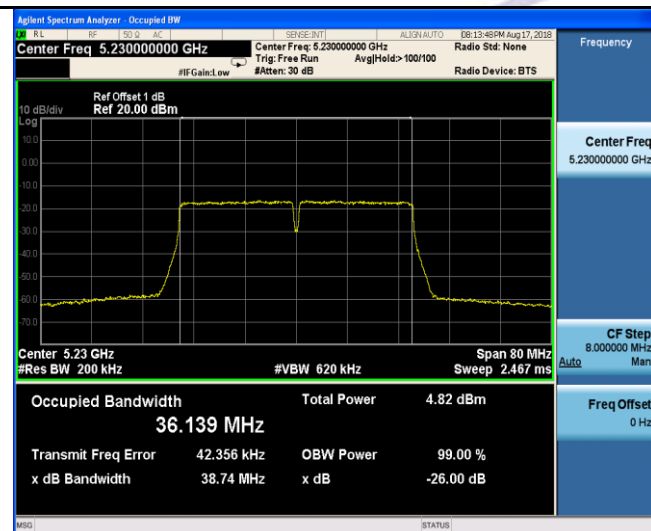
802.11n(HT40)



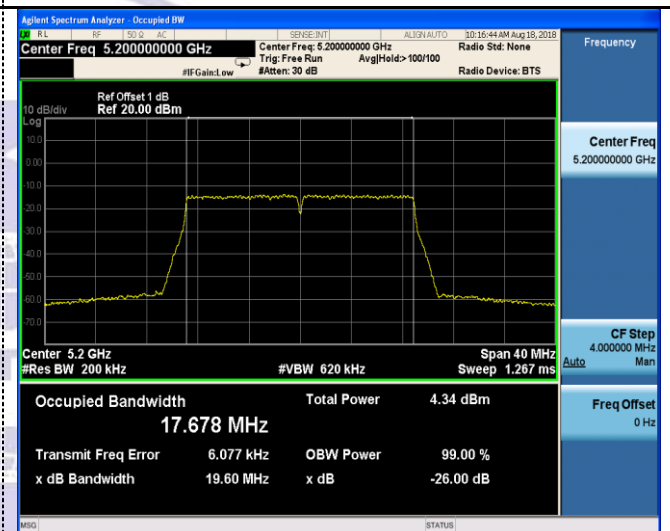
802.11ac(HT20)



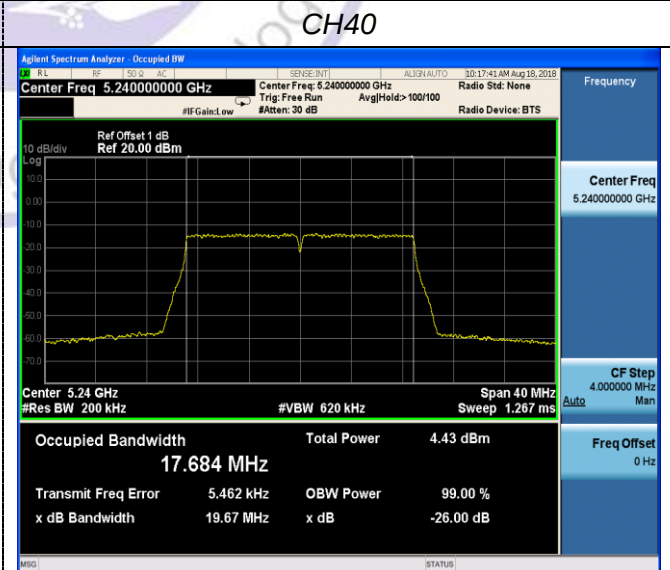
CH38



CH36



CH46



CH48