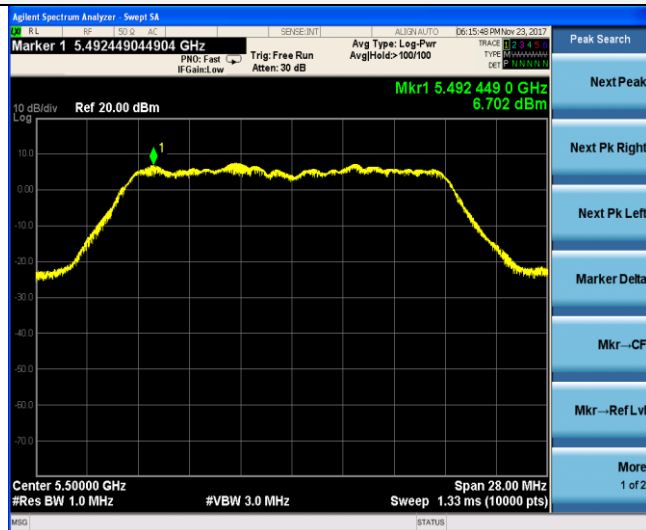
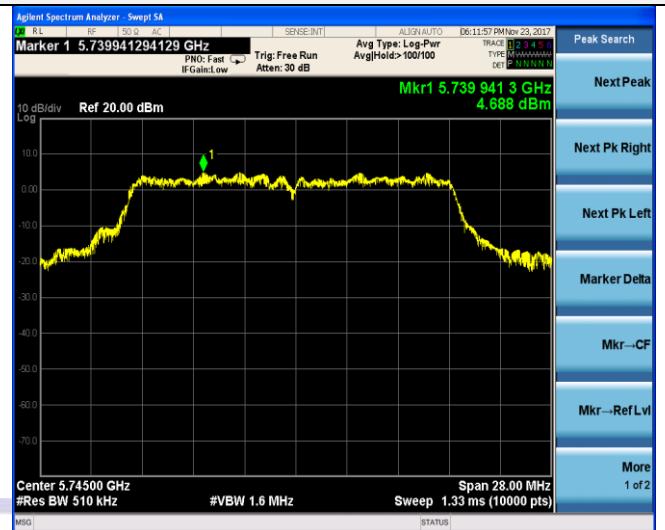


802.11ac(HT20)

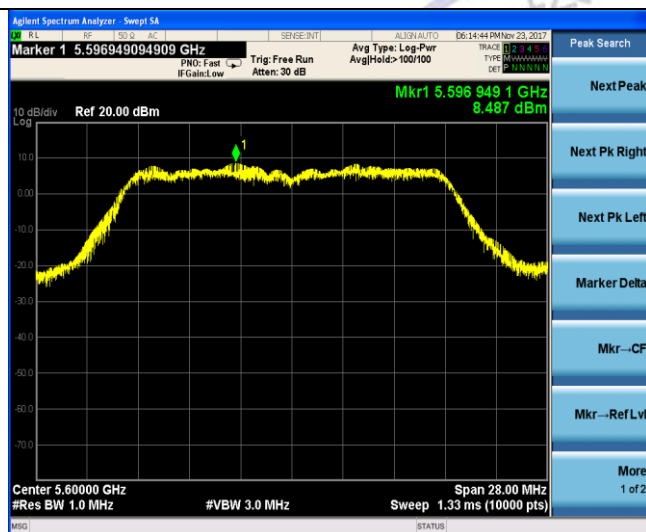
U-NII 2C



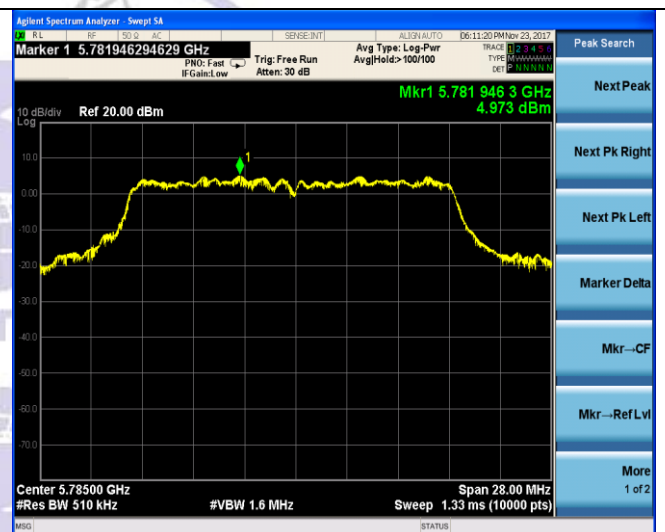
U-NII 3



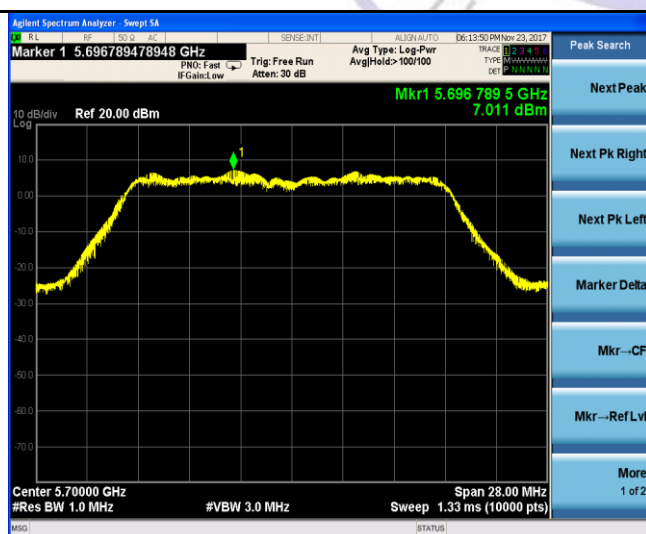
CH100



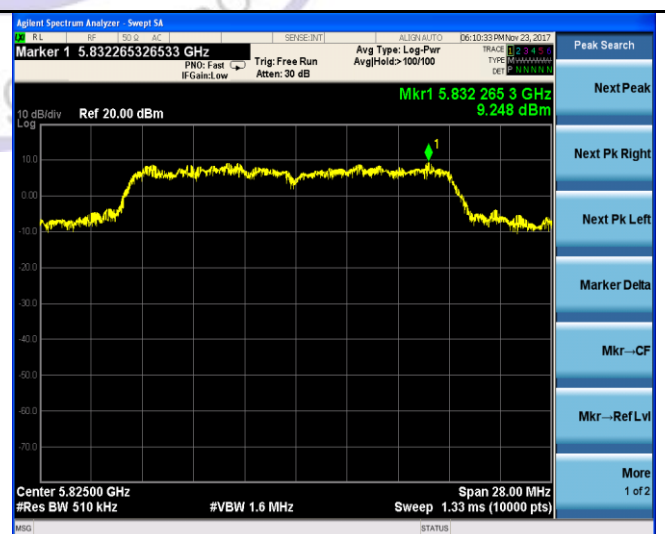
CH149



CH120



CH157

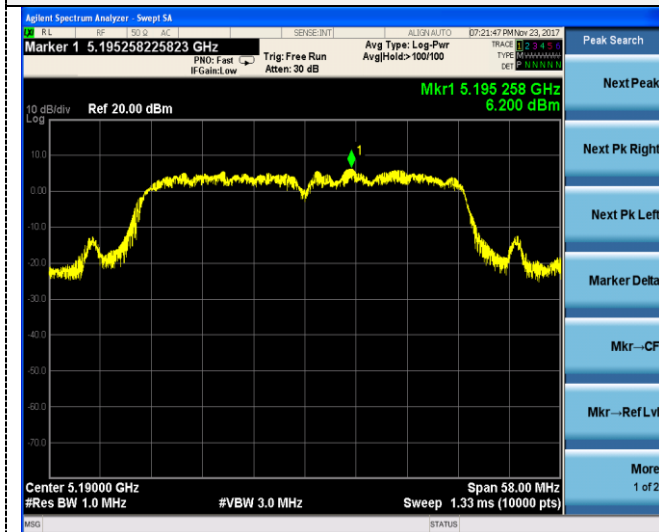


CH140

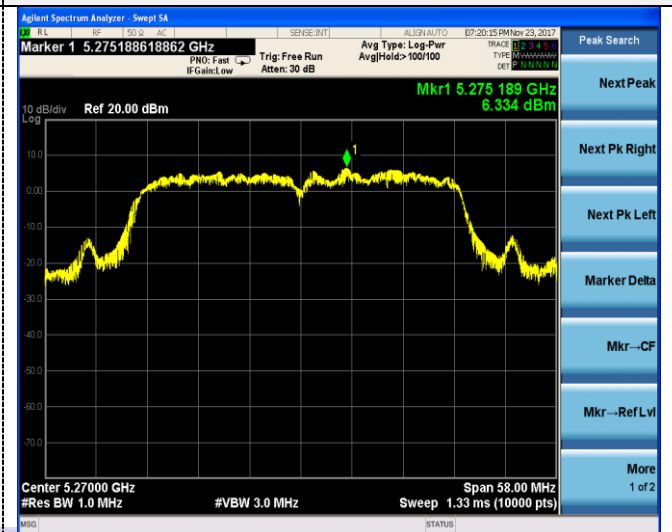
CH165

802.11ac(HT40)

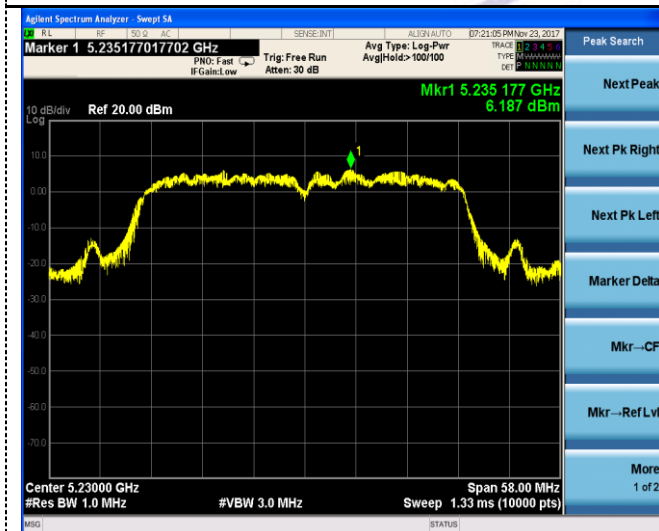
U-NII 1



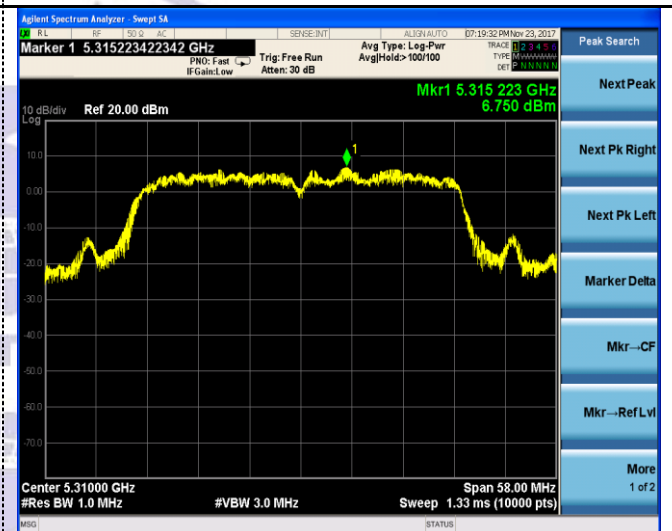
U-NII 2A



CH38



CH54



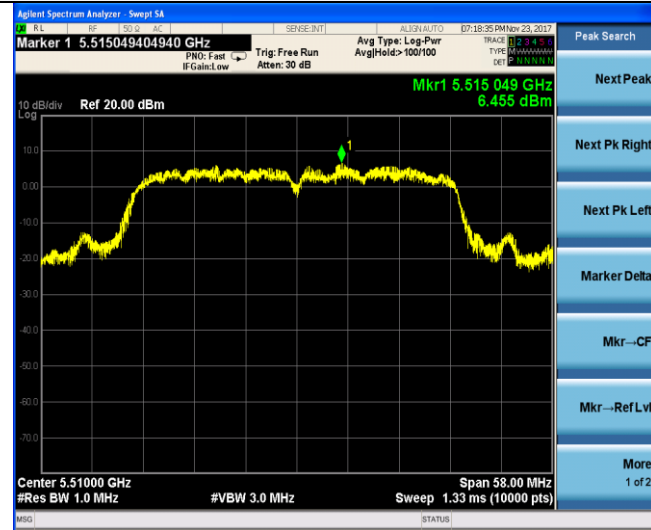
CH46

CH62

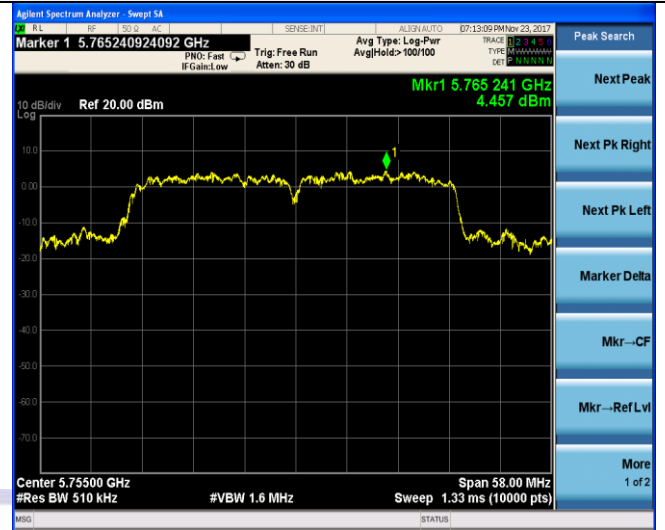


802.11ac(HT40)

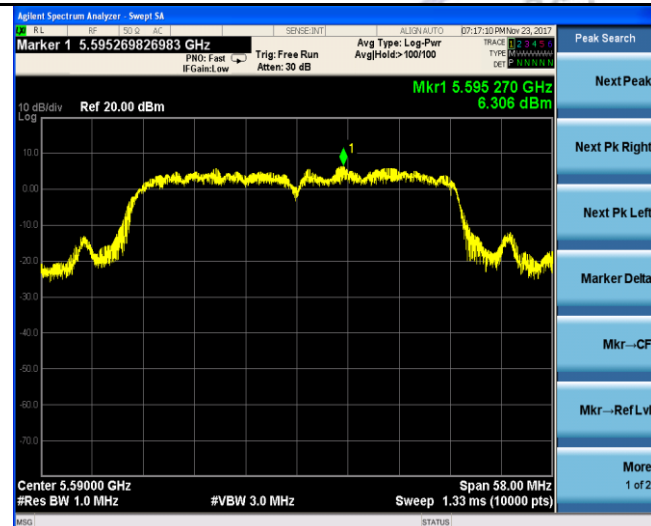
U-NII 2C



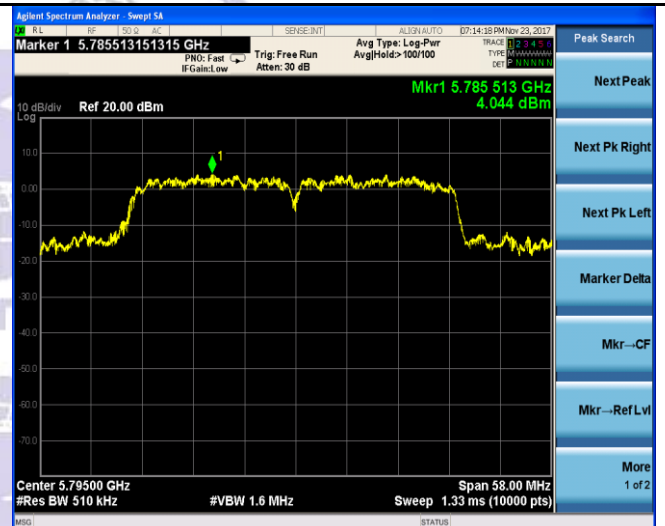
U-NII 3



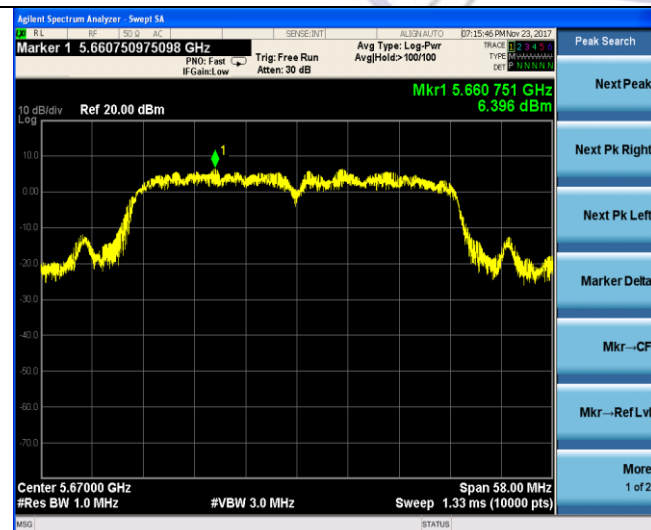
CH102



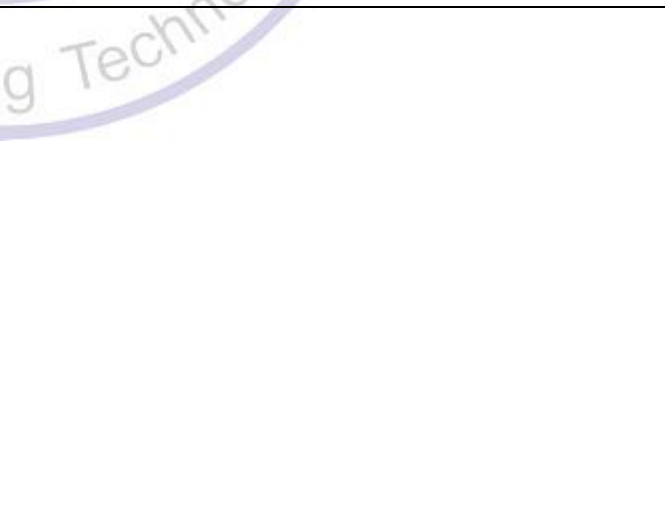
CH151



CH118



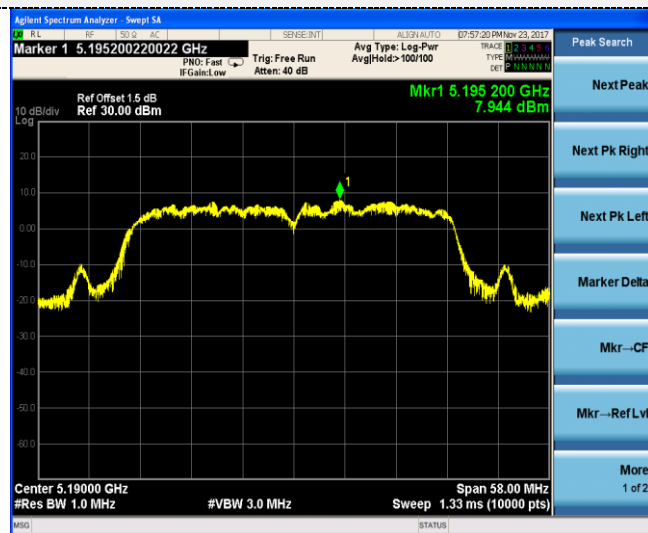
CH159



CH134

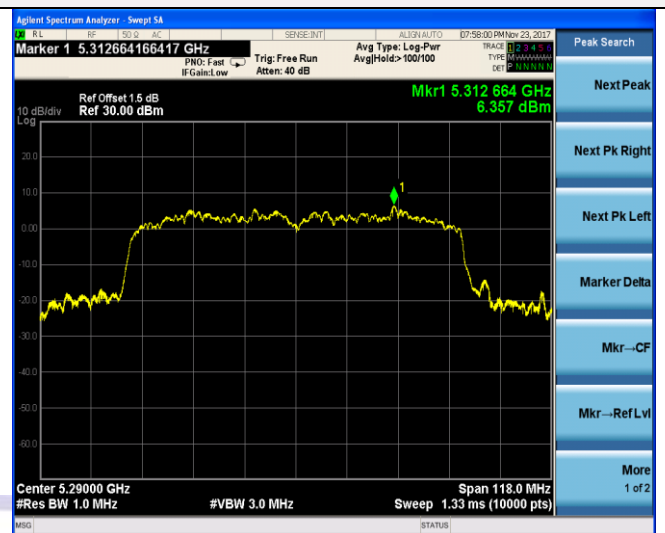
802.11ac(HT80)

U-NII 1



CH42

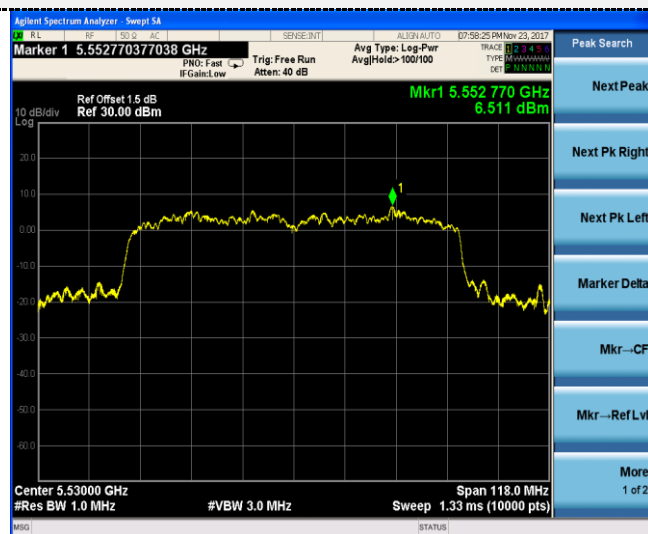
U-NII 2A



CH58

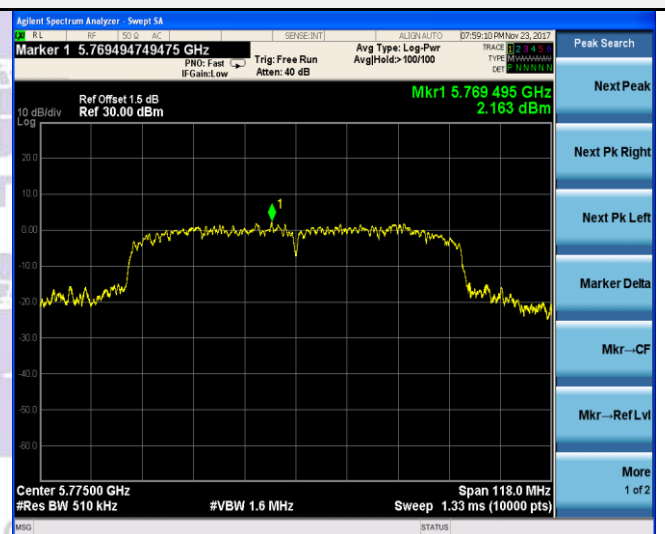
802.11ac(HT80)

U-NII 2C

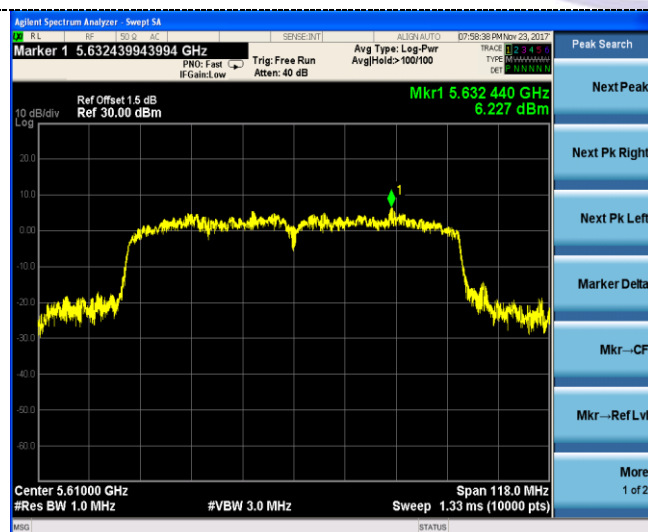


CH106

U-NII 3



CH155



CH122

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

Type	Bands	Channel	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	21.79	17.785	N/A	Pass
		40	21.33	16.656		
		48	21.34	16.686		
	U-NII 2A	52	21.51	16.659		
		56	21.55	16.648		
		64	21.02	16.620		
	U-NII 2C	100	20.81	16.619		
		120	22.73	16.659		
		140	21.05	16.624		
802.11n(HT20)	U-NII 1	36	21.52	17.784		
		40	21.97	17.804		
		48	21.04	17.772		
	U-NII 2A	52	21.60	17.745		
		56	21.97	17.789		
		64	21.97	17.744		
	U-NII 2C	100	21.41	17.780		
		120	21.68	17.774		
		140	21.42	17.759		
802.11n(HT40)	U-NII 1	38	48.97	36.660		
		46	59.56	36.627		
	U-NII 2A	54	48.98	36.517		
		52	62.60	36.637		
	U-NII 2C	102	52.32	36.584		
		118	66.26	36.649		
		134	72.57	36.807		

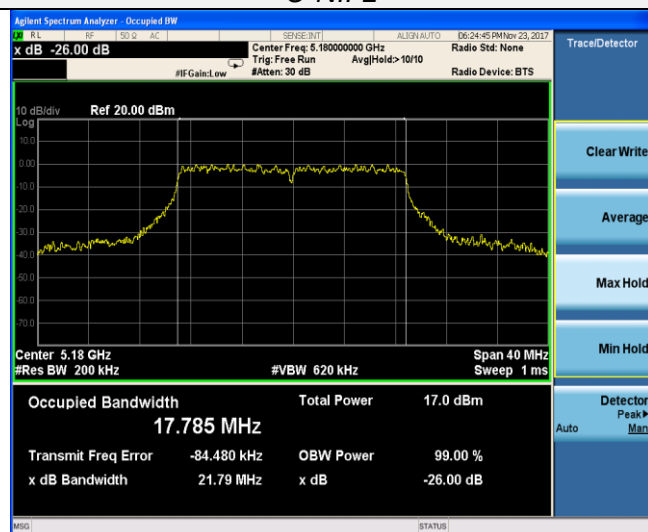
Type	Bands	Channel	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11ac(HT20)	U-NII 1	36	21.47	17.751	N/A	Pass
		40	21.48	17.747		
		48	21.47	17.766		
	U-NII 2A	52	21.46	17.765		
		56	21.37	17.761		
		64	21.50	17.732		
	U-NII 2C	100	21.12	17.732		
		120	21.64	17.752		
		140	21.80	17.761		
802.11ac(HT40)	U-NII 1	38	56.13	36.709		
		46	55.60	36.749		
	U-NII 2A	54	55.61	36.645		
		52	59.56	36.685		
	U-NII 2C	102	49.66	36.720		
		118	59.43	36.769		
802.11ac(HT80)	U-NII 1	42	92.87	75.434		
		58	90.72	75.261		
	U-NII 2C	106	87.22	75.570		
		122	92.27	75.326		

Test plot as follows:

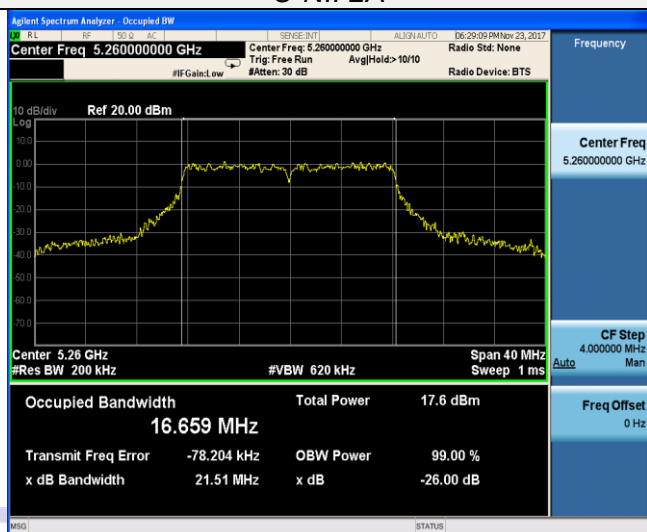


802.11a

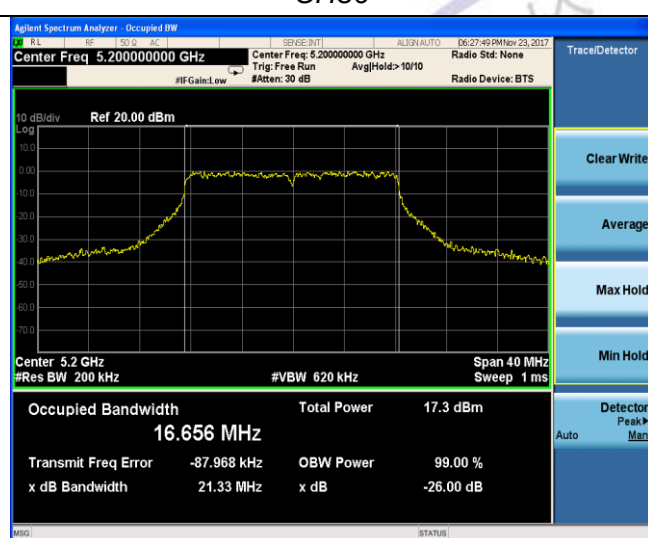
U-NII 1



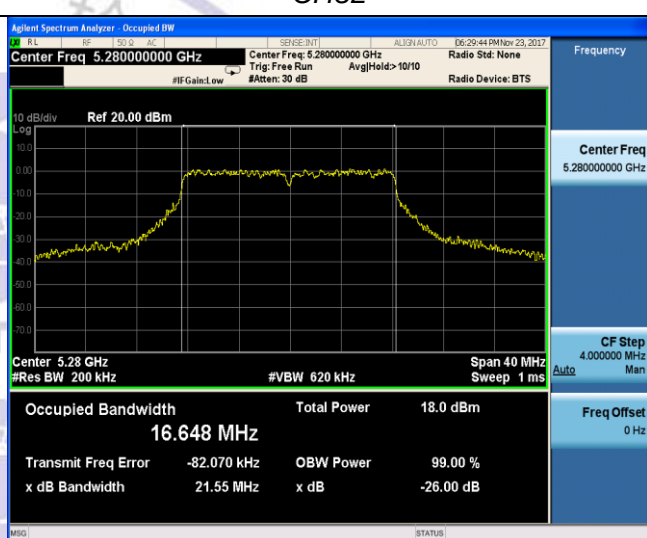
U-NII 2A



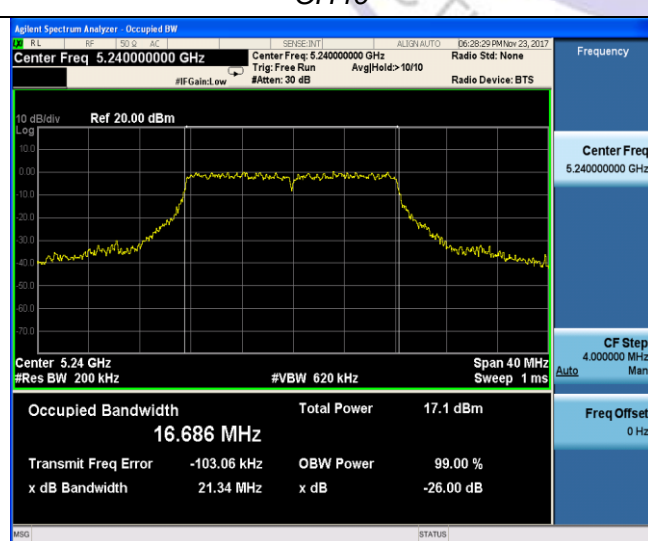
CH36



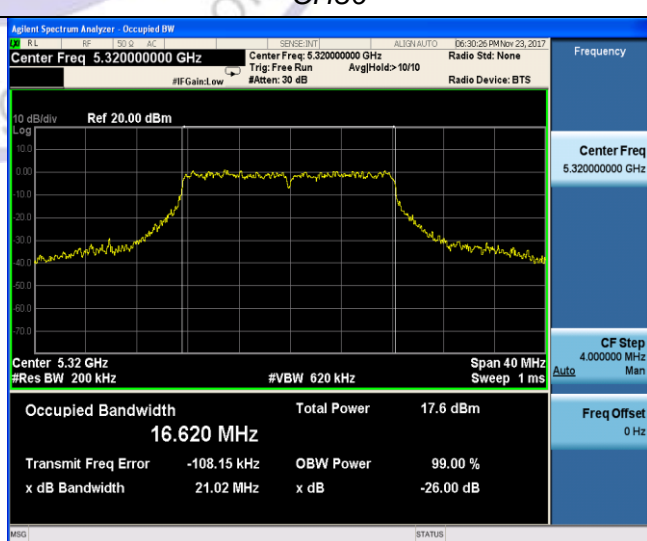
CH52



CH40

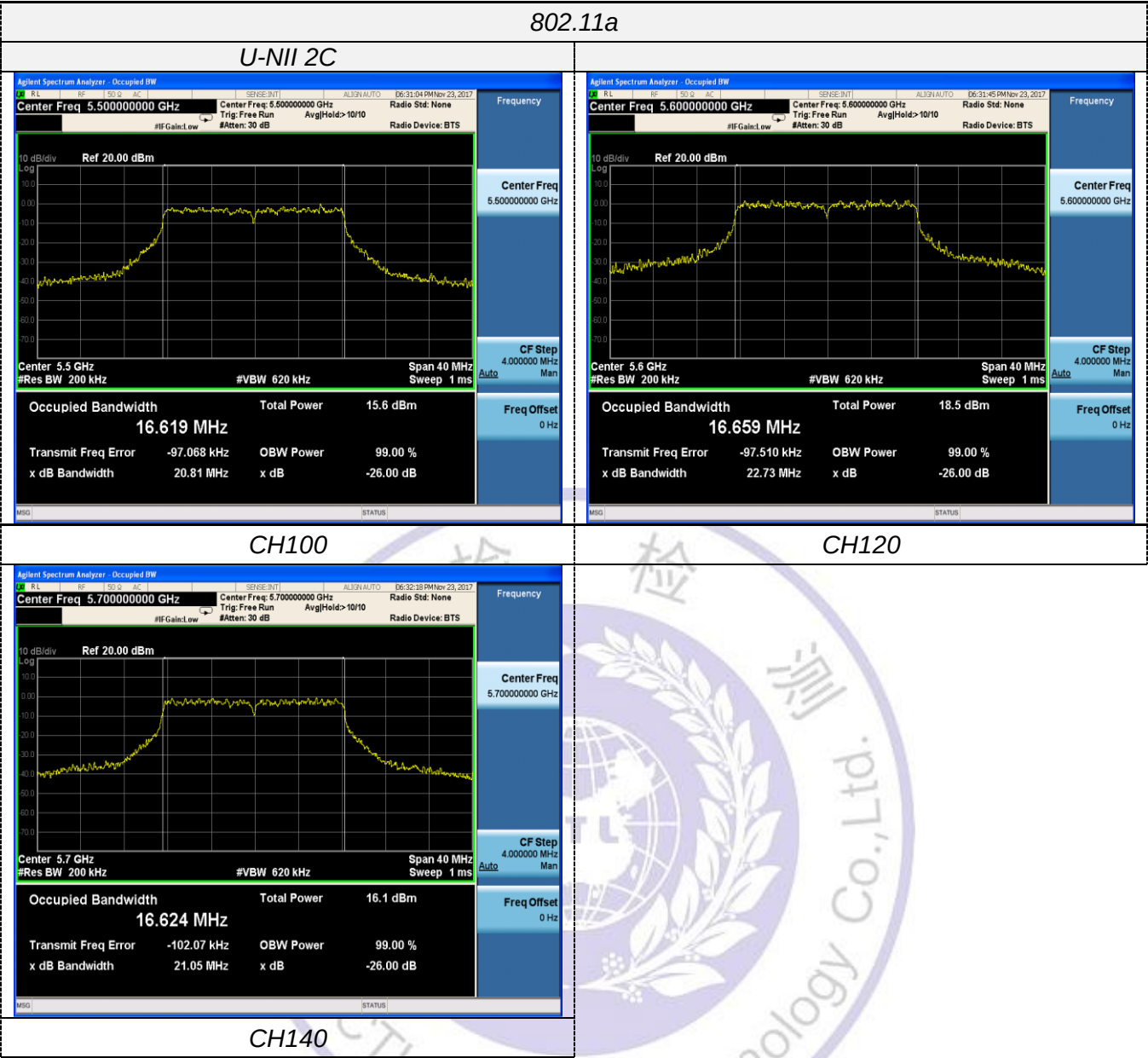


CH56



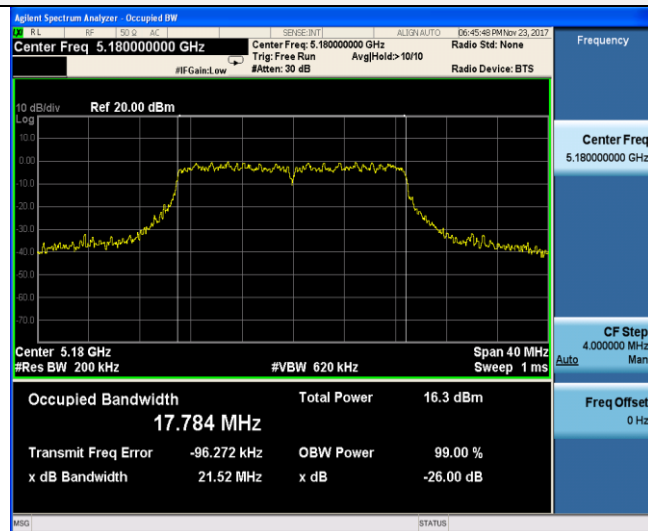
CH48

CH64

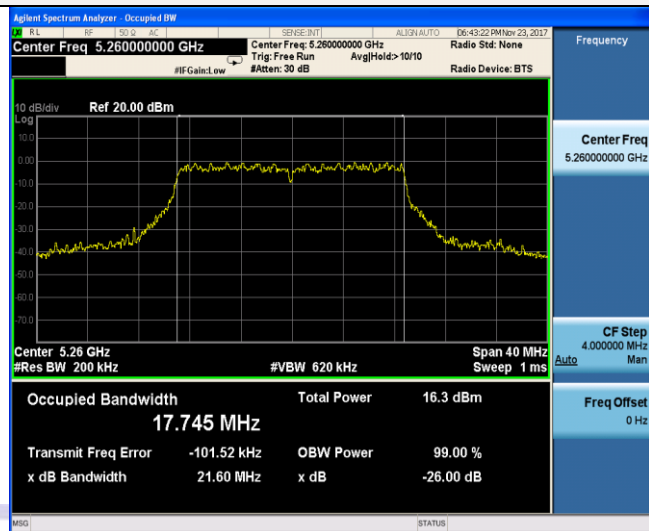


802.11n(HT20)

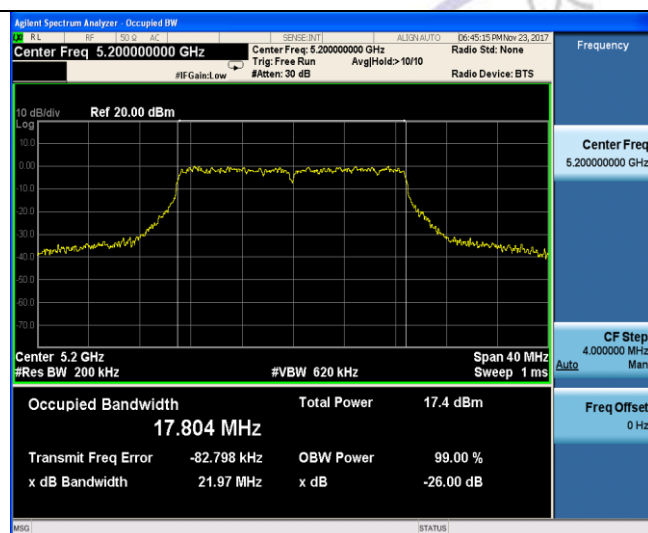
U-NII 1



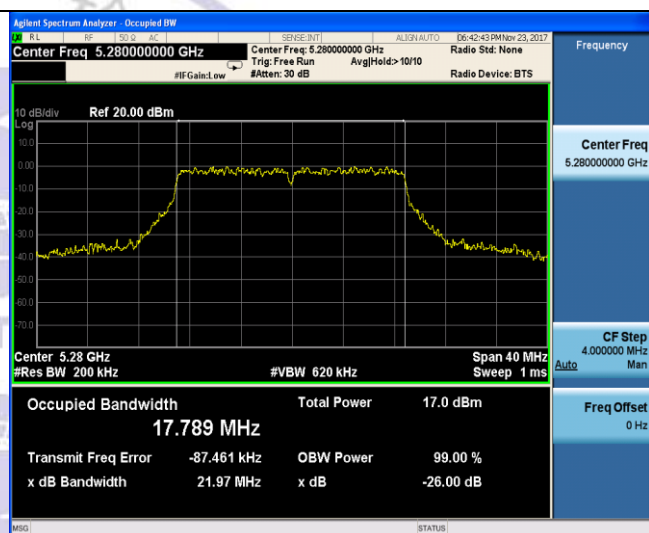
U-NII 2A



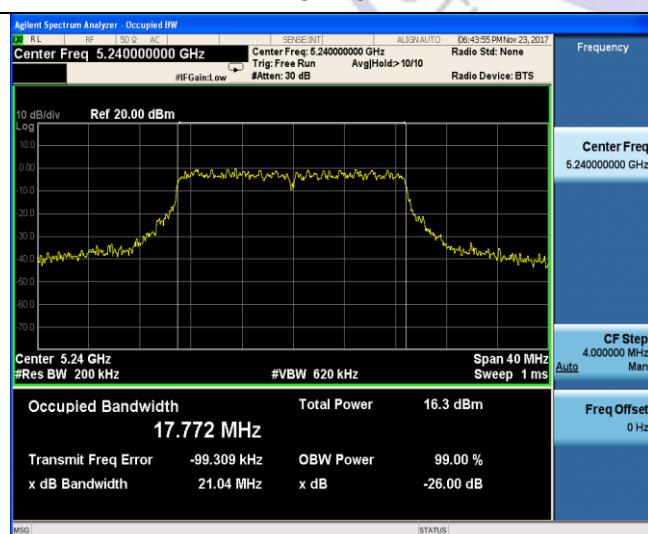
CH36



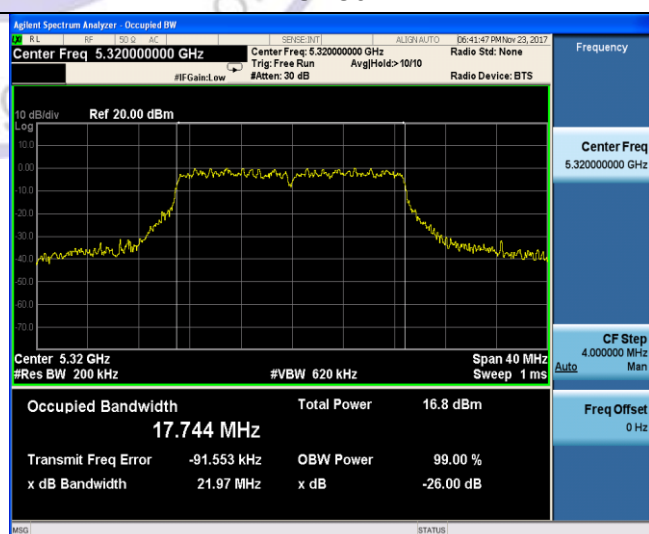
CH52



CH40

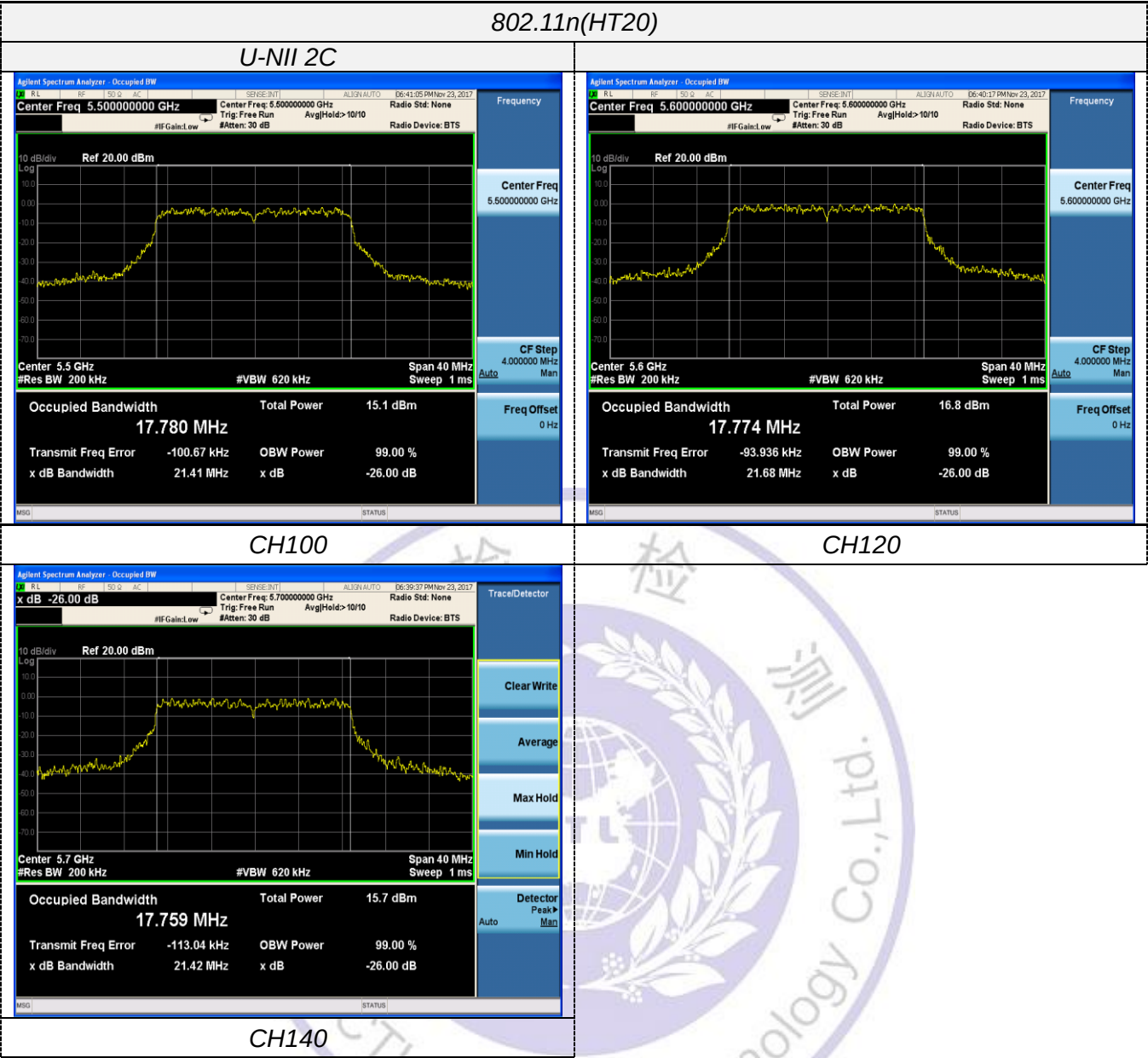


CH56



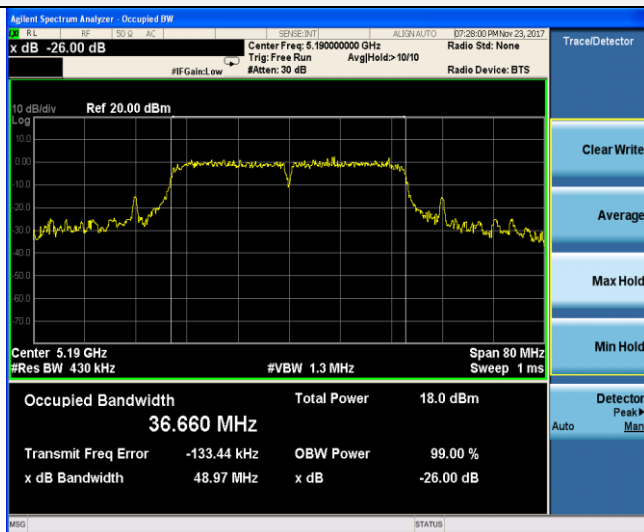
CH48

CH64

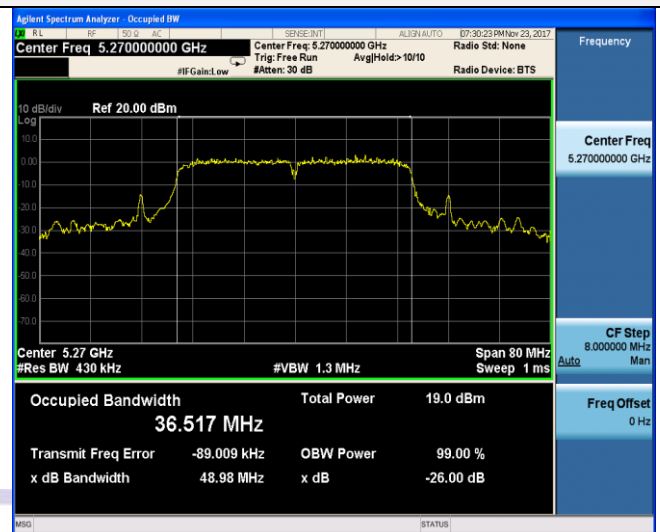


802.11n(HT40)

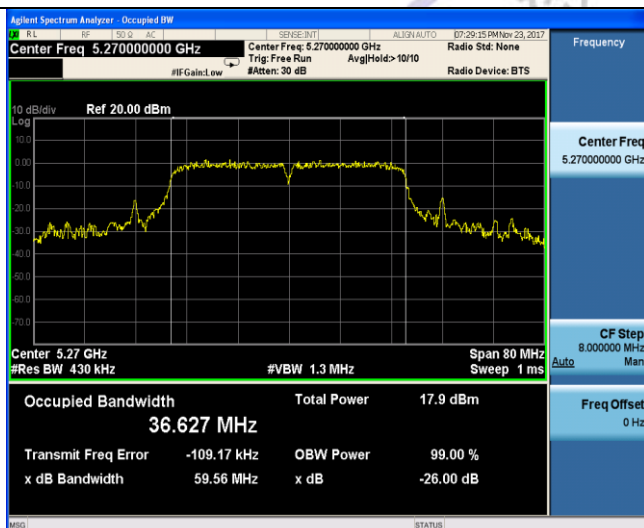
U-NII 1



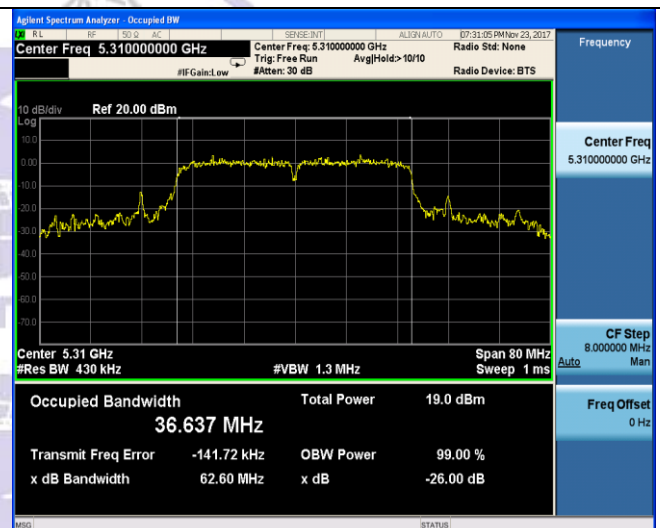
U-NII 2A



CH38



CH54

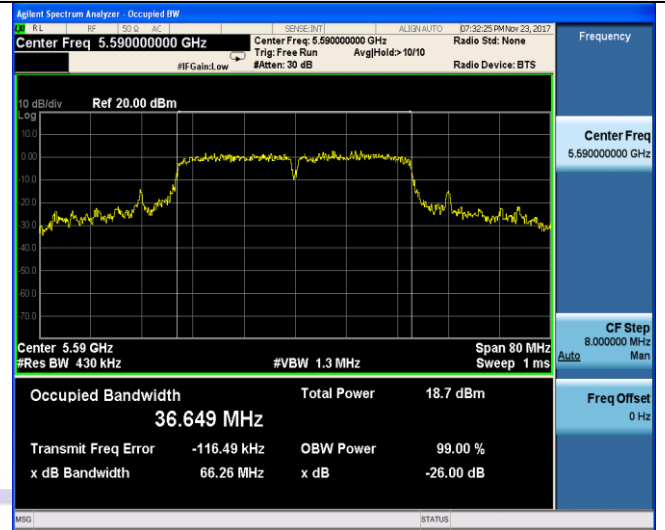
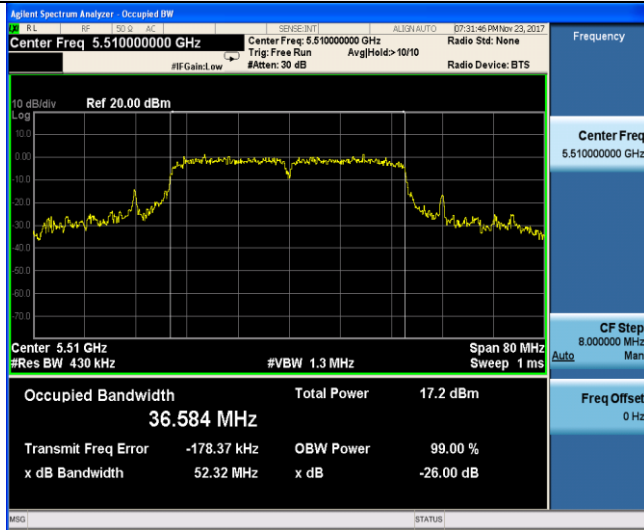


CH46

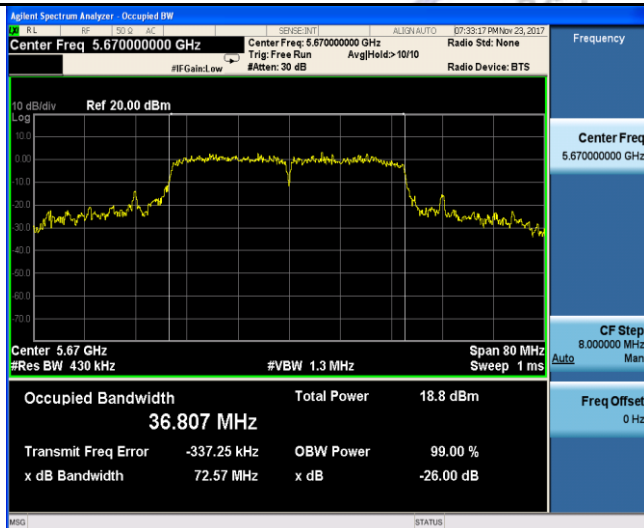
CH62

802.11n(HT40)

U-NII 2C



CH102



CH118



CH134