2.Total Power (Chain 0+1) = $10*\log[(10^{\text{Chain 0}/10})+(10^{\text{Chain 1}/10})]$

Frequency band 5725-5850 MHz

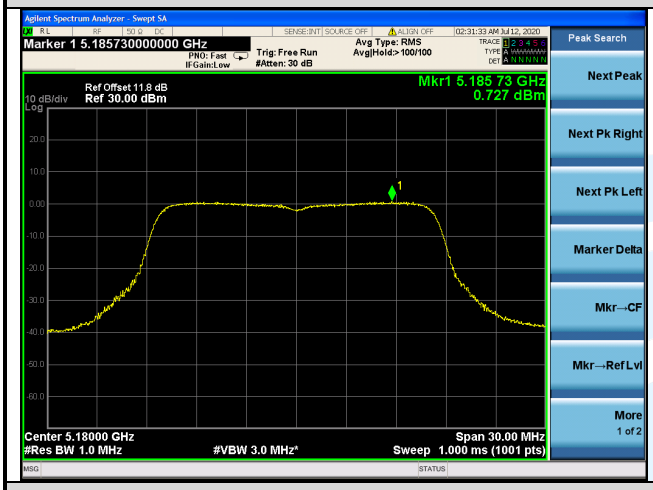
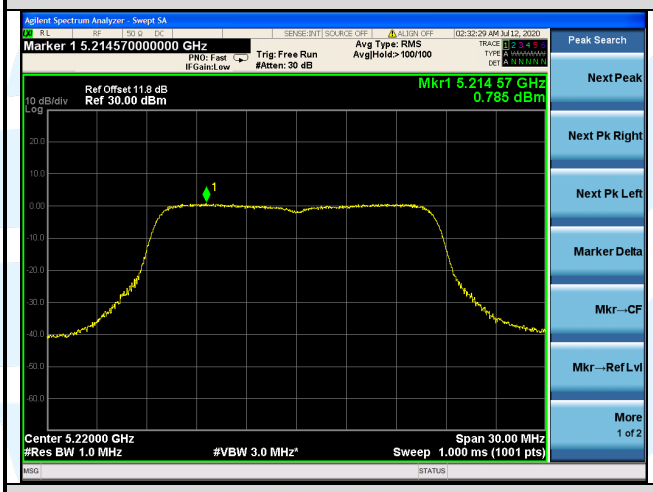
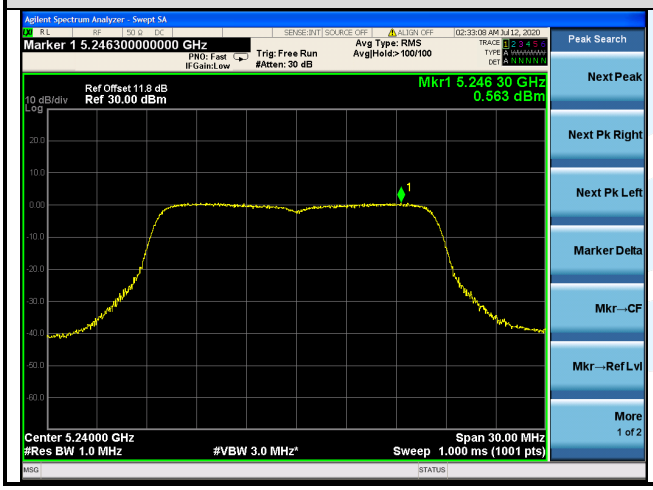
Mode	Channel/ Frequency (MHz)	Power spectral density (dBm/MHz)		Total power spectral density MIMO_ Chain 0+1 (dBm/MHz)	Limit (dBm/500KHz)	Pass / Fail
		SISO				
		Chain 0	Chain 1			
IEEE 802.11a	149 (5745)	-3.216	-1.363	N/A	30	Pass
	157 (5785)	-2.671	-0.782	N/A	30	Pass
	165 (5825)	-2.785	-0.681	N/A	30	Pass
IEEE 802.11n-HT20	149 (5745)	-3.176	-3.143	2.936	30	Pass
	157 (5785)	-3.538	-3.436	2.779	30	Pass
	165 (5825)	-3.742	-3.812	2.644	30	Pass
IEEE 802.11n-HT40	151 (5755)	-7.455	-6.892	1.412	30	Pass
	159 (5795)	-7.202	-6.615	1.488	30	Pass
IEEE 802.11ac-VHT20	149 (5745)	-4.958	-4.388	2.262	30	Pass
	157 (5785)	-5.002	-4.574	2.214	30	Pass
	165 (5825)	-5.136	-4.575	2.189	30	Pass
IEEE 802.11ac-VHT40	151 (5755)	-8.096	-7.673	1.225	30	Pass
	159 (5795)	-7.849	-7.452	1.284	30	Pass
IEEE 802.11ac-VHT80	155 (5775)	-10.503	-8.178	0.938	30	Pass

Remark:

1.Power spectral density = Conducted power spectral density + Duty Cycle Factor

2.Total Power (Chain 0+1) = $10*\log[(10^{\text{Chain 0}/10})+(10^{\text{Chain 1}/10})]$

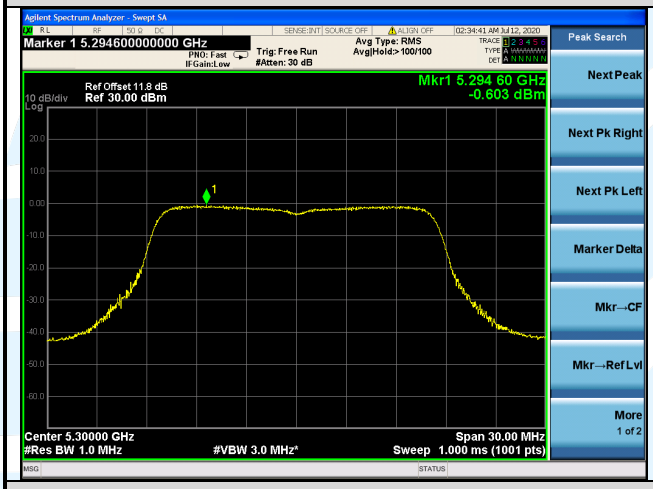
The test plots as follows:

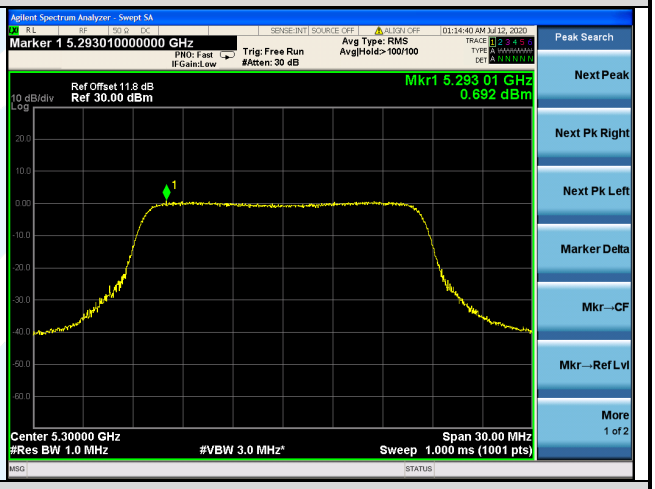
IEEE 802.11a	
Chain 0	**Chain 1**
Channel 36	
	
Channel 44	
	
Channel 48	
	

IEEE 802.11a

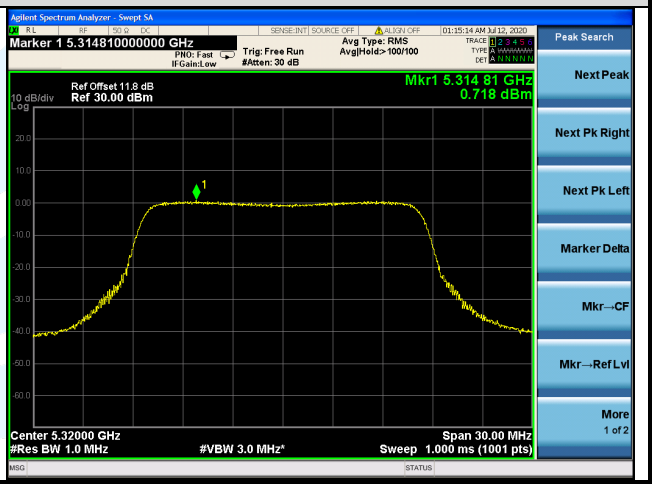
Channel 52

Channel 60



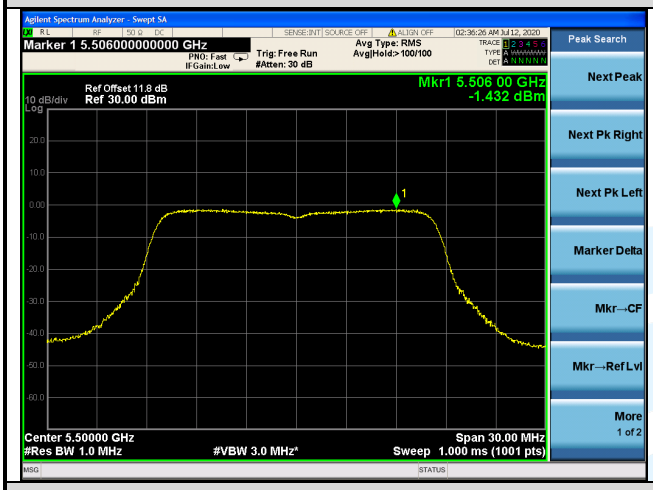


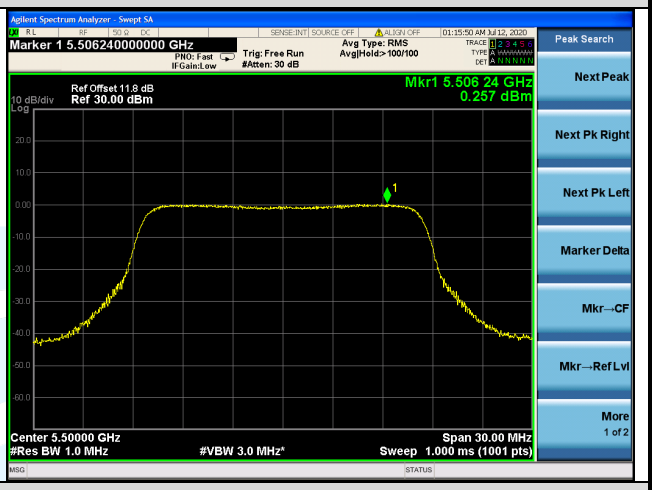
Channel 64



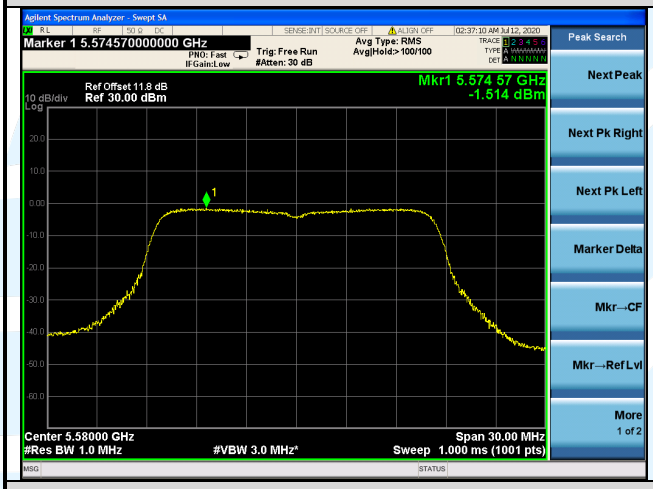
IEEE 802.11a

Channel 100

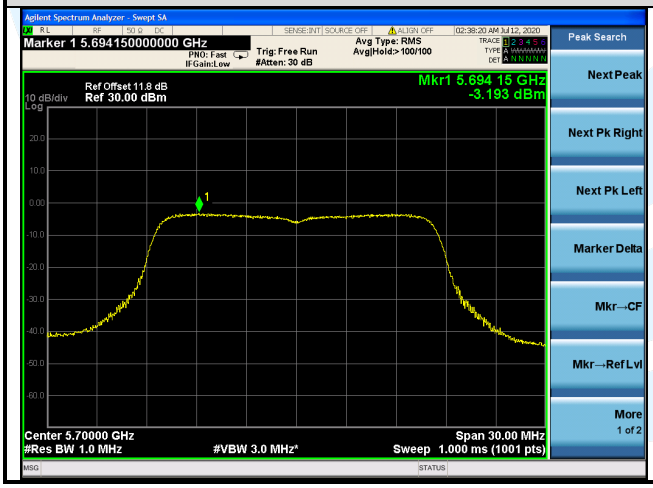


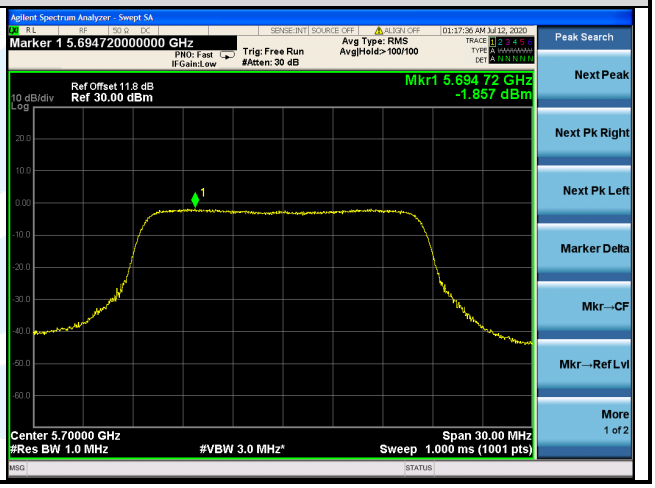


Channel 116



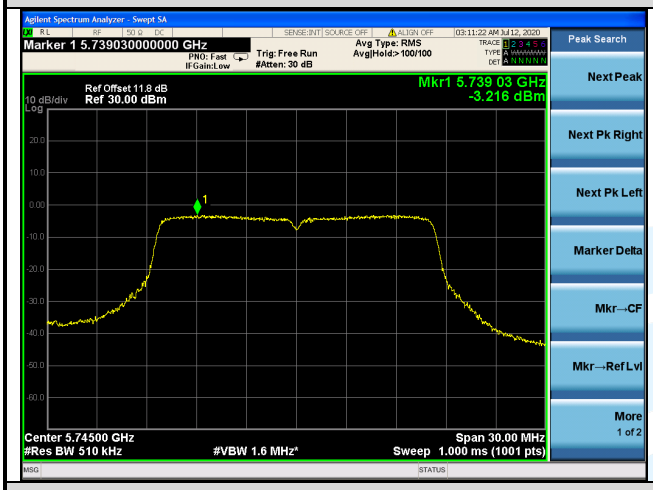
Channel 140



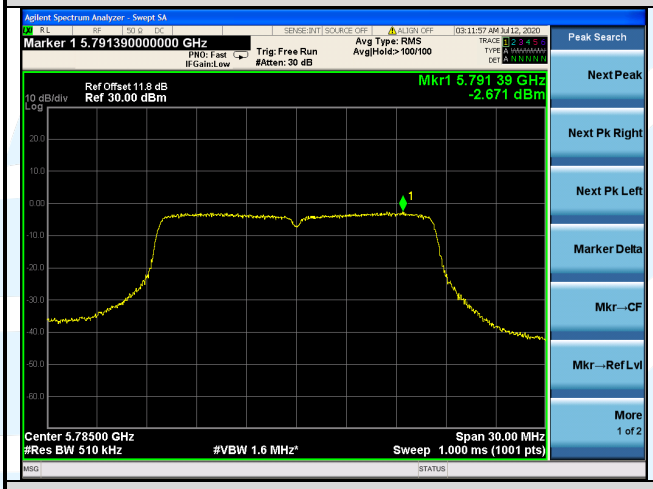


IEEE 802.11a

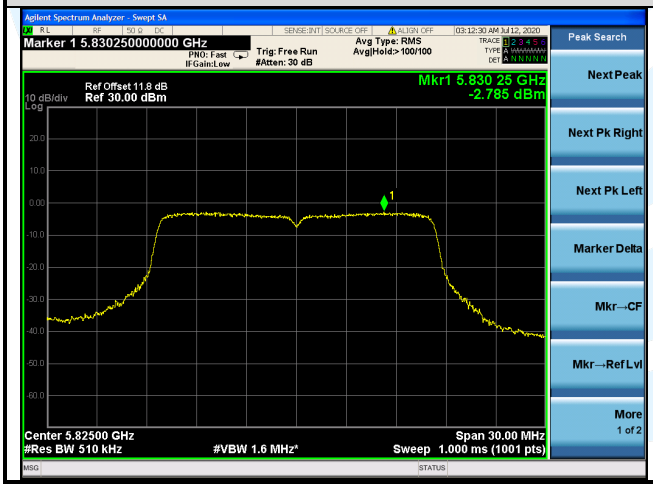
Channel 149

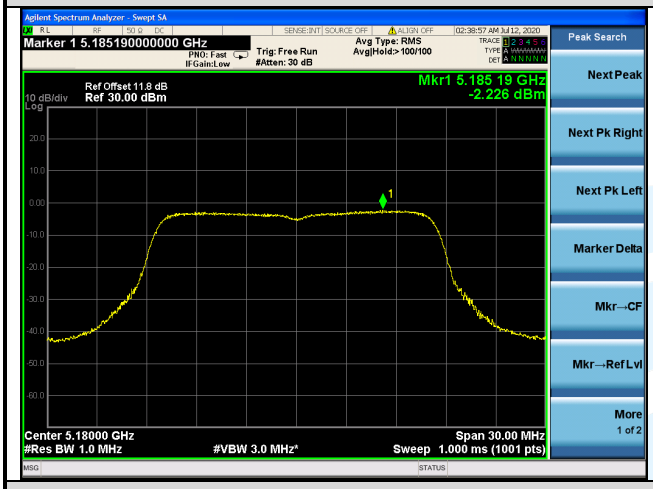
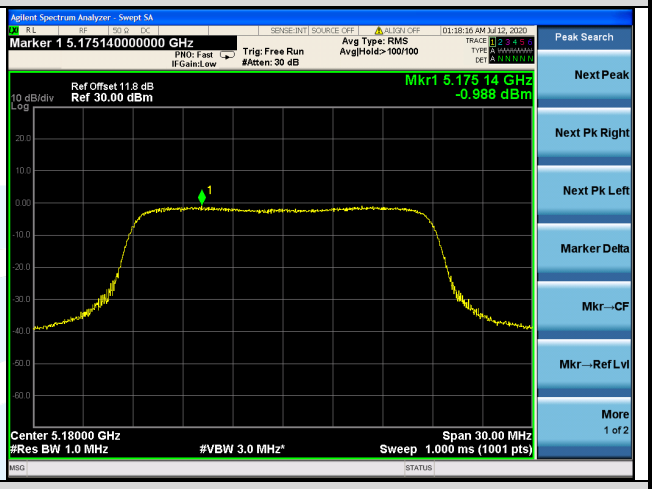
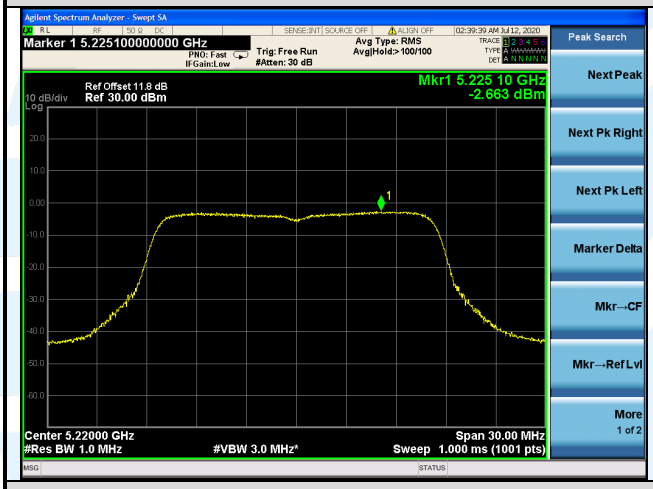
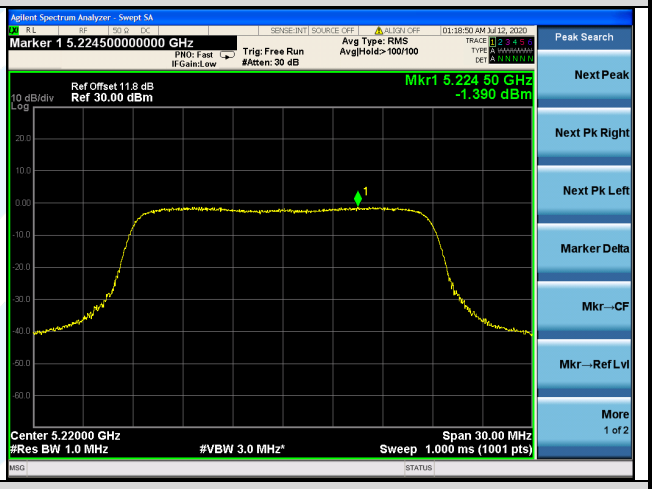
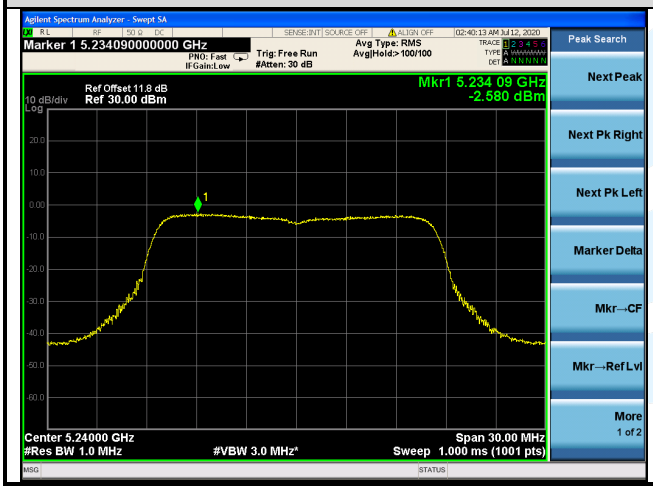
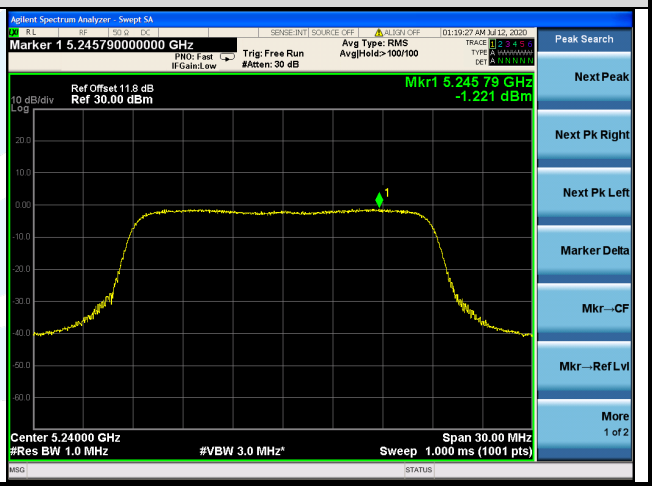


Channel 157



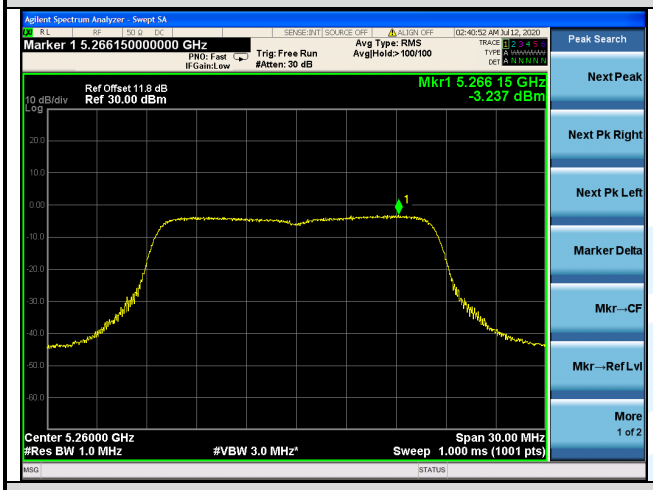
Channel 165

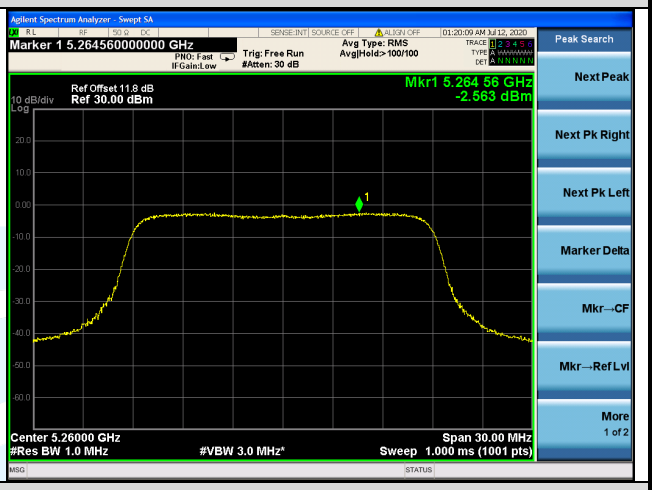


IEEE 802.11n-HT20	
Chain 0	Chain 1
Channel 36	
	
Channel 44	
	
Channel 48	
	

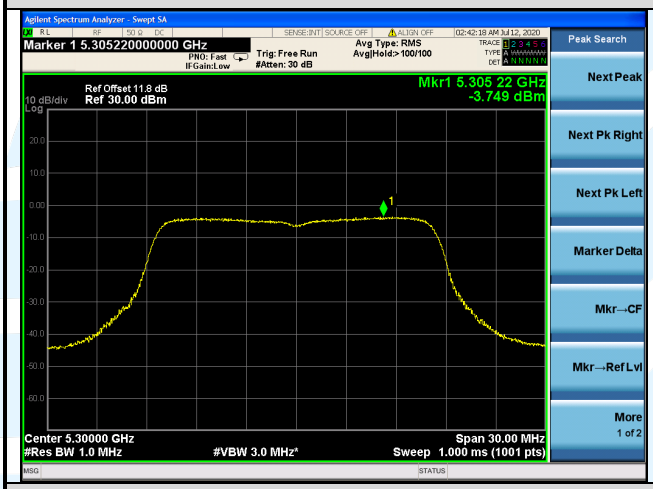
IEEE 802.11n-HT20

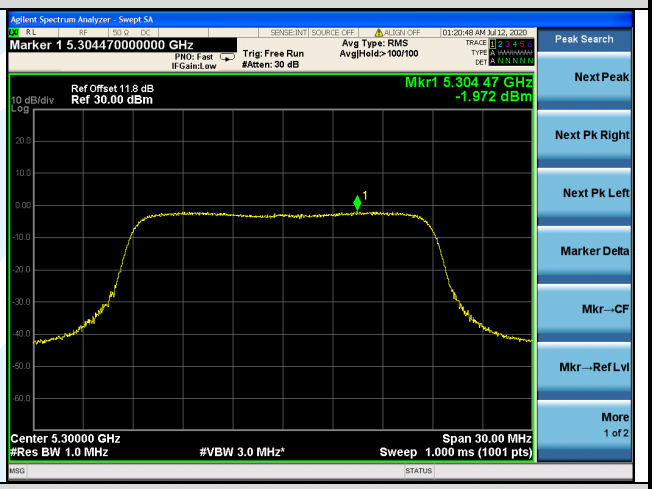
Channel 52



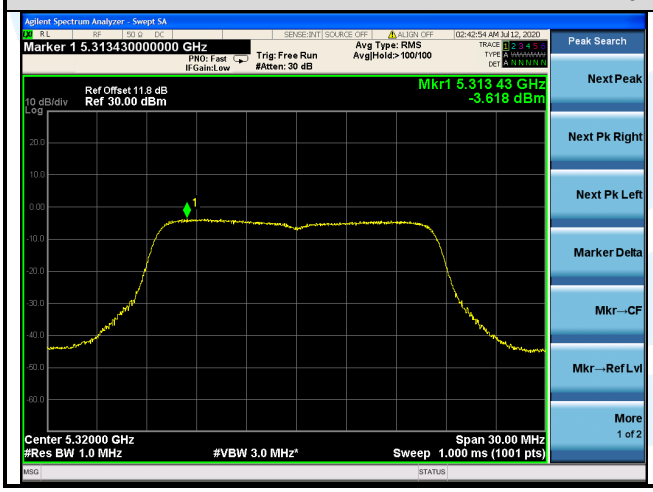


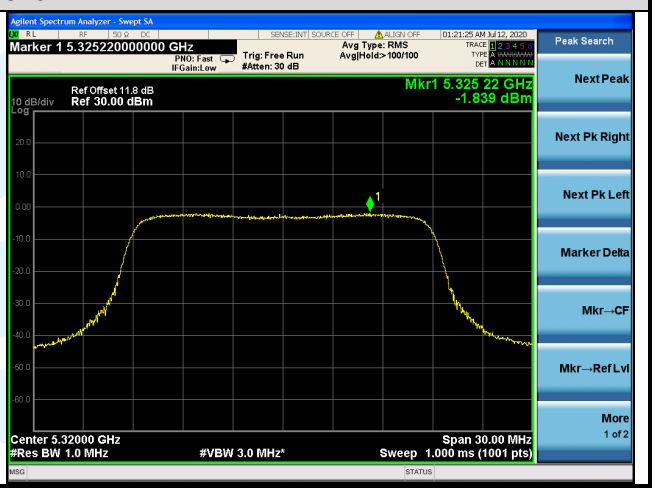
Channel 60





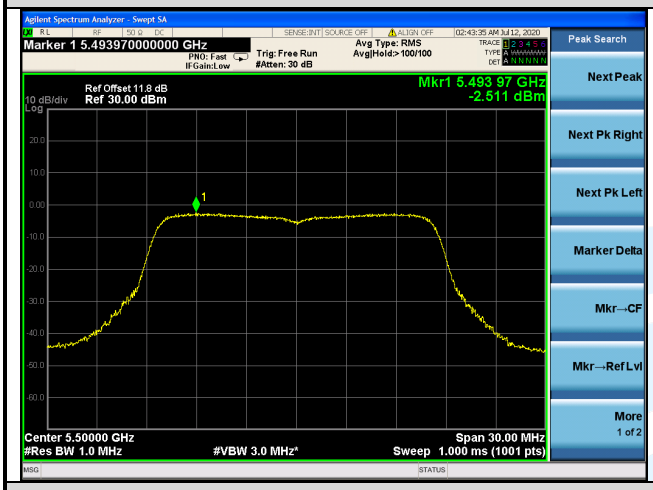
Channel 64



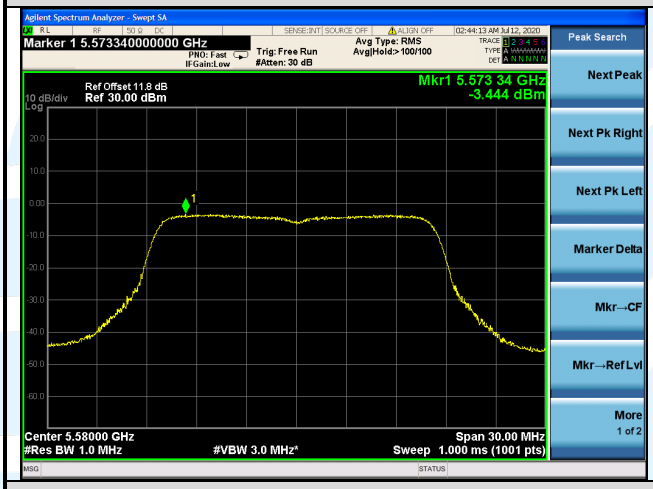


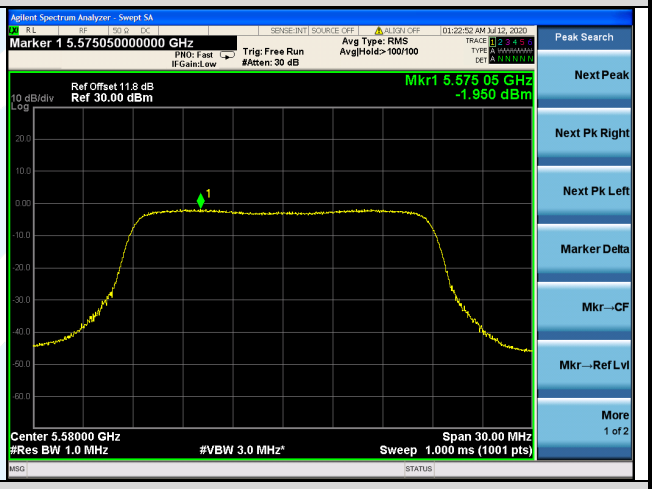
IEEE 802.11n-HT20

Channel 100

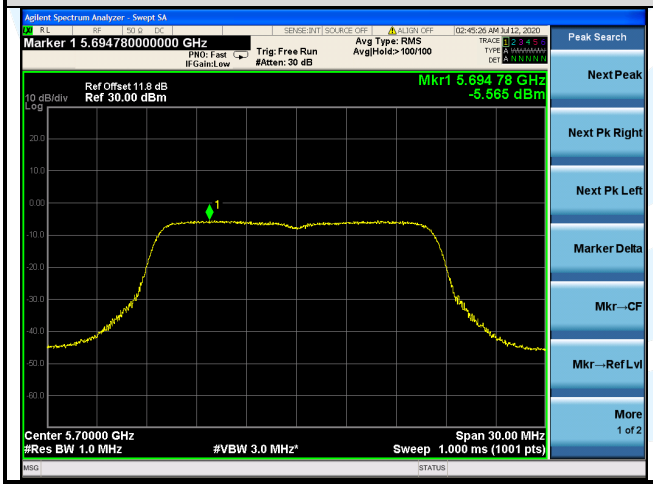


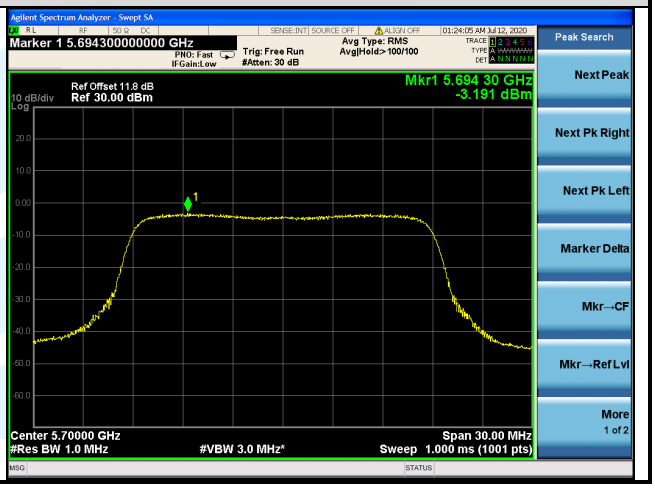
Channel 116





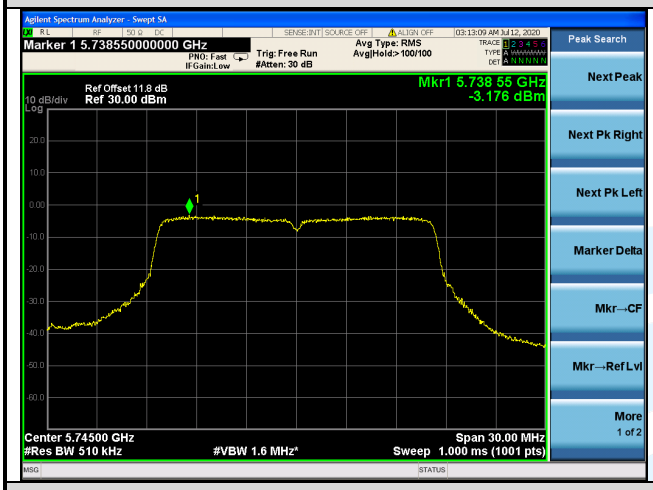
Channel 140



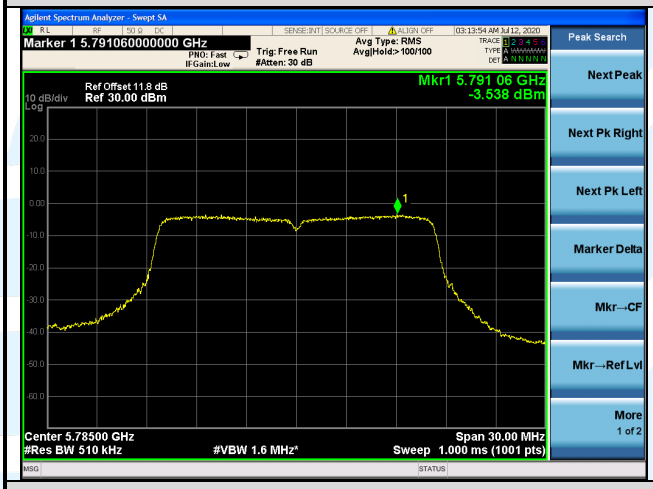


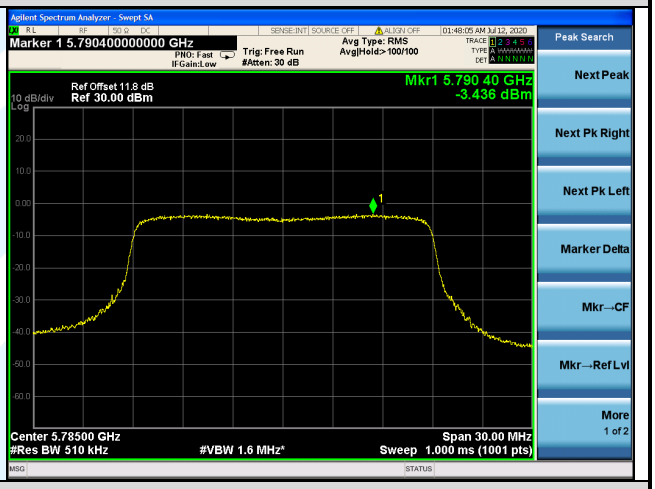
IEEE 802.11n-HT20

Channel 149

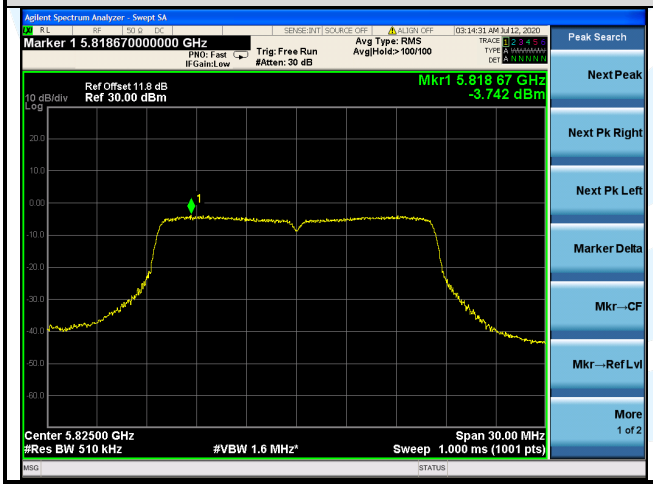


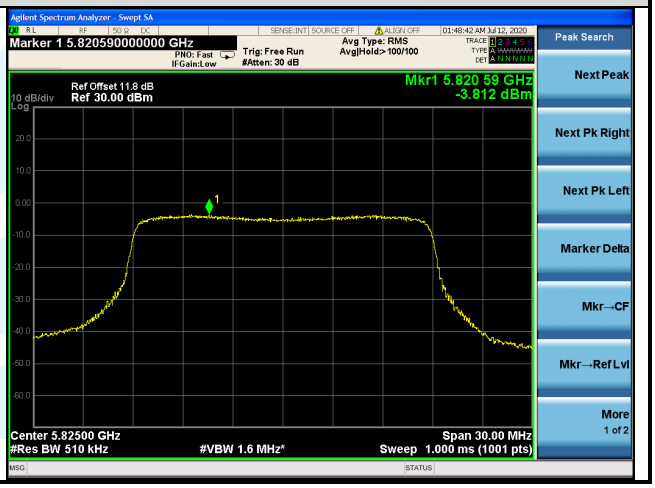
Channel 157

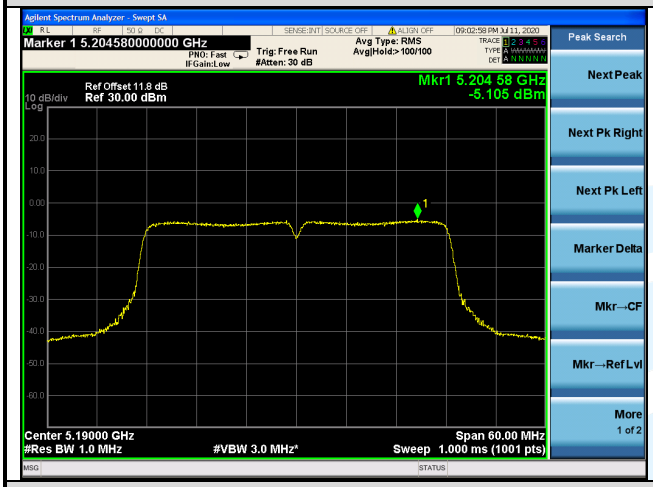
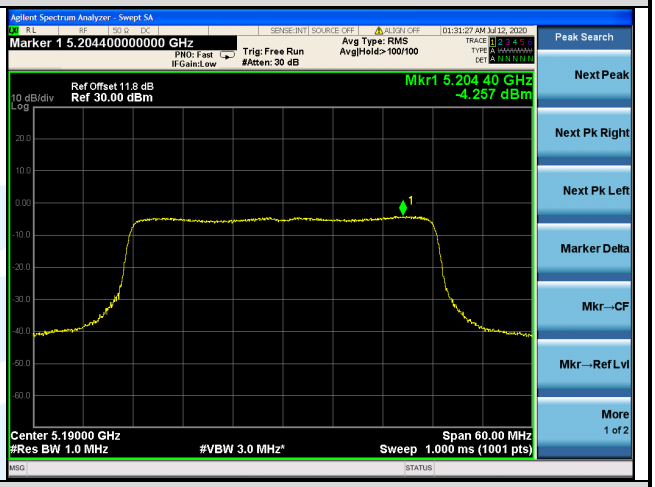
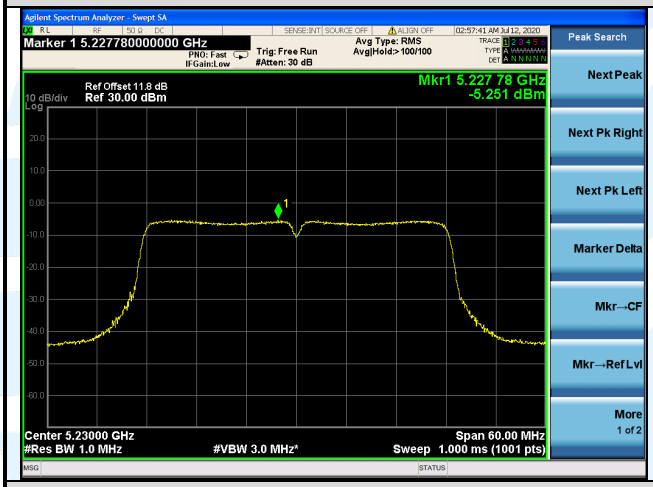
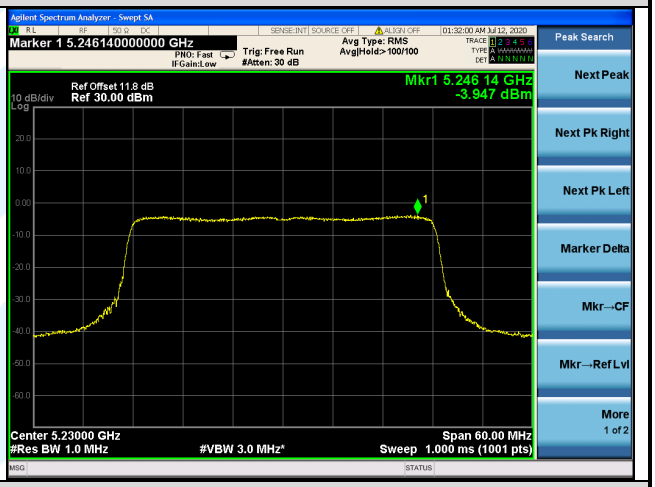
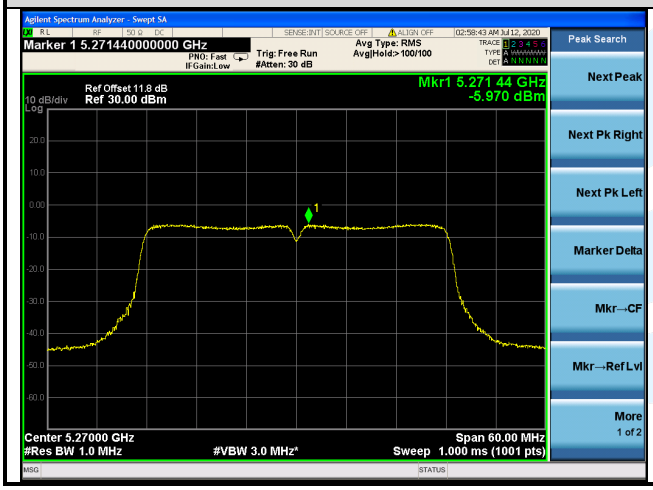




Channel 165

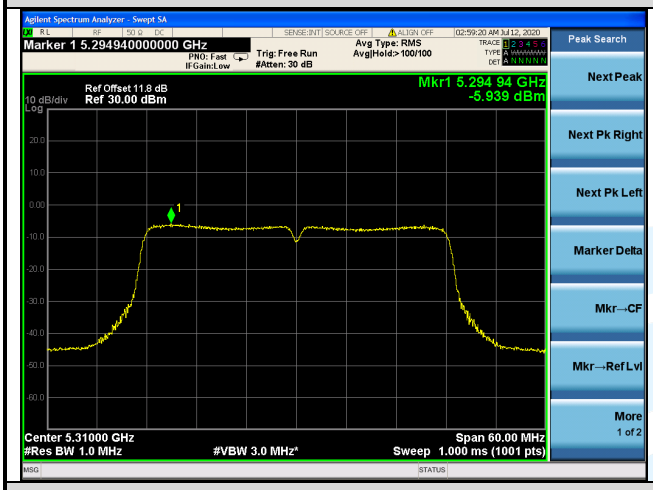


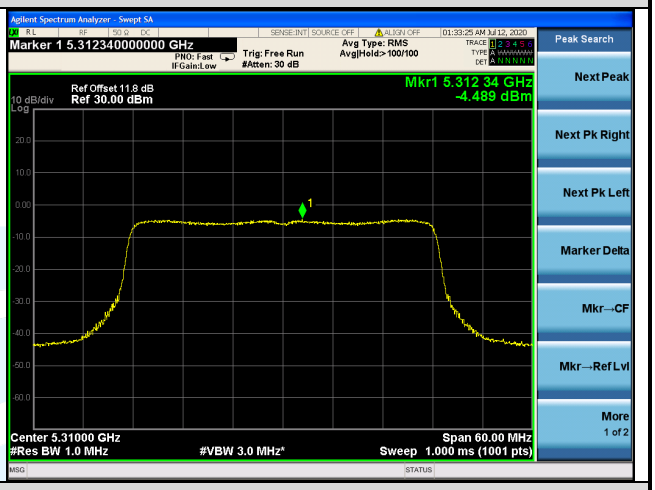


IEEE 802.11n-HT40	
Chain 0	Chain 1
Channel 38	
	
Channel 46	
	
Channel 54	
	

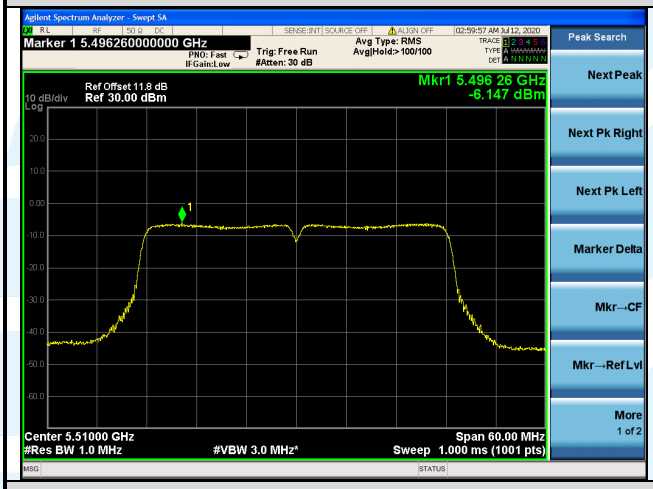
IEEE 802.11n-HT40

Channel 62

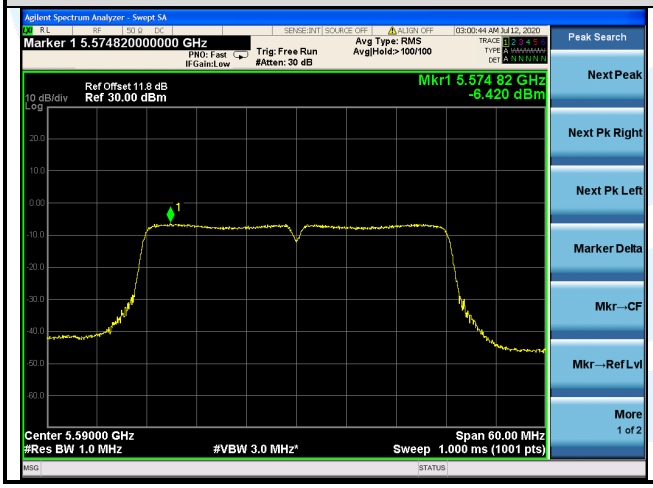




Channel 102

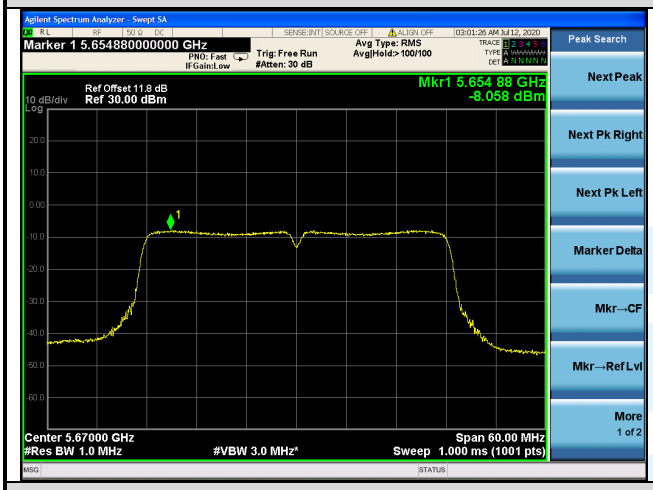


Channel 110

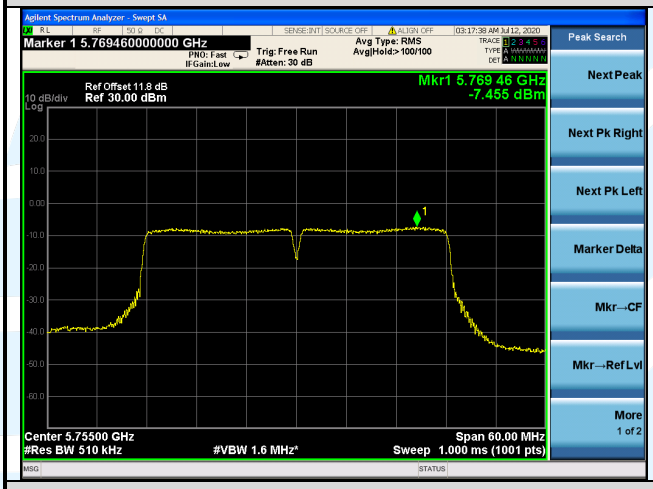


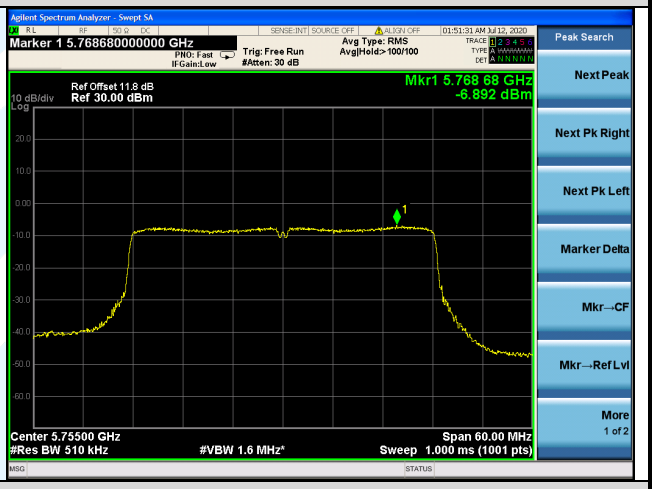
IEEE 802.11n-HT40

Channel 134

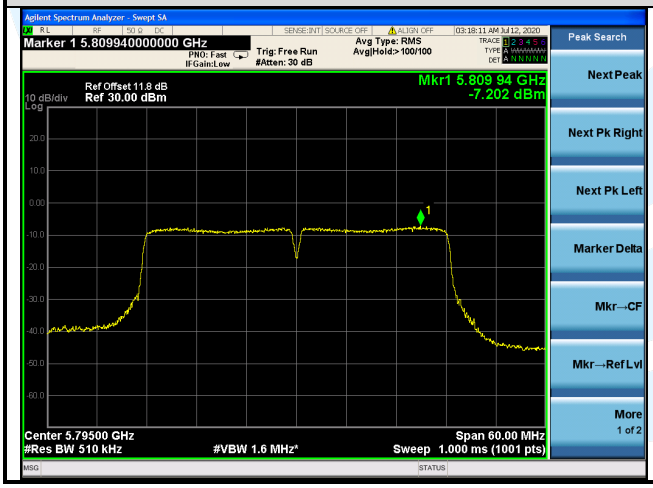


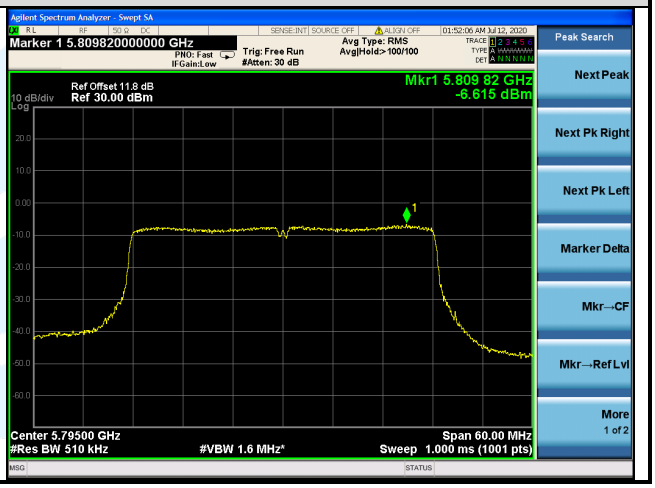
Channel 151

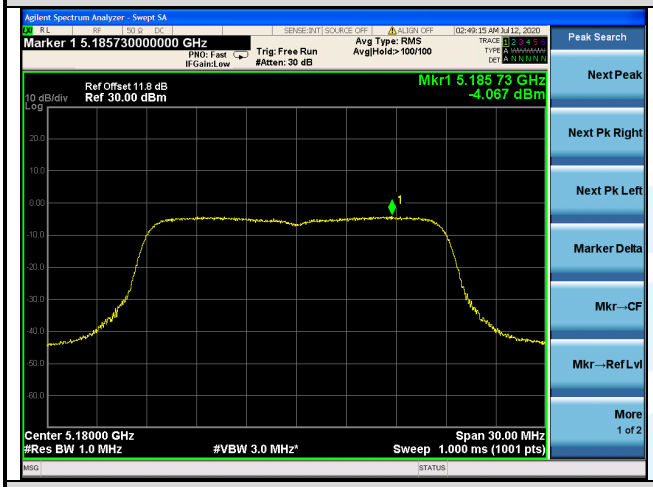
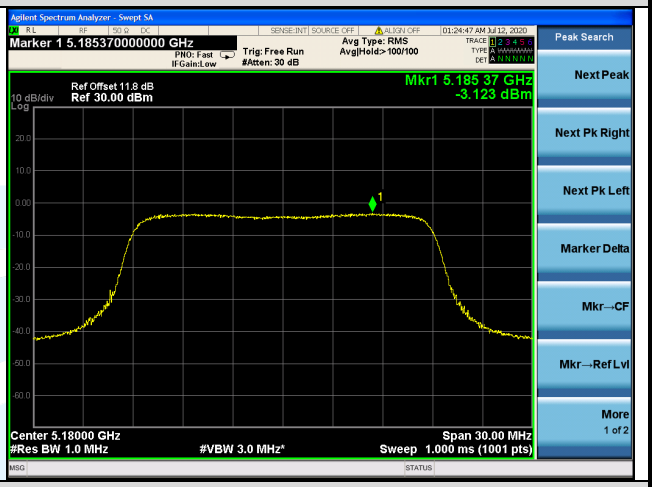
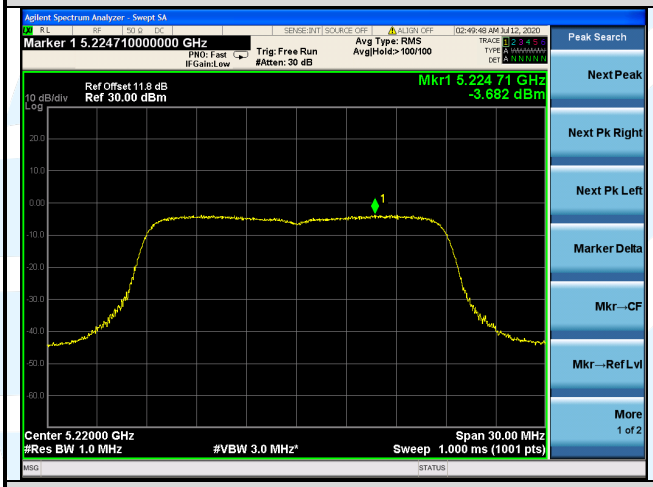
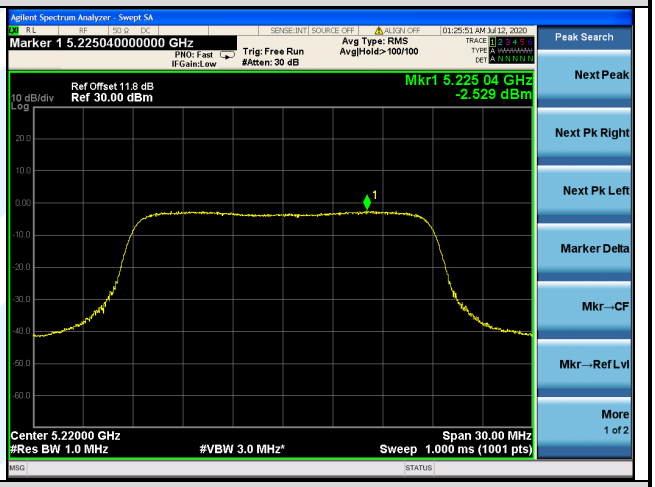
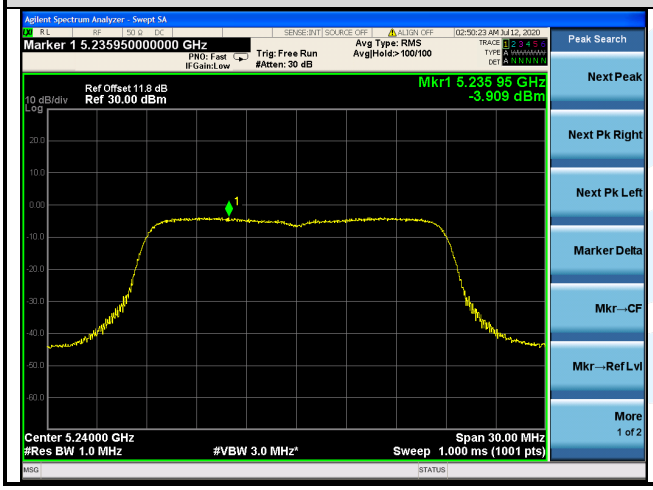
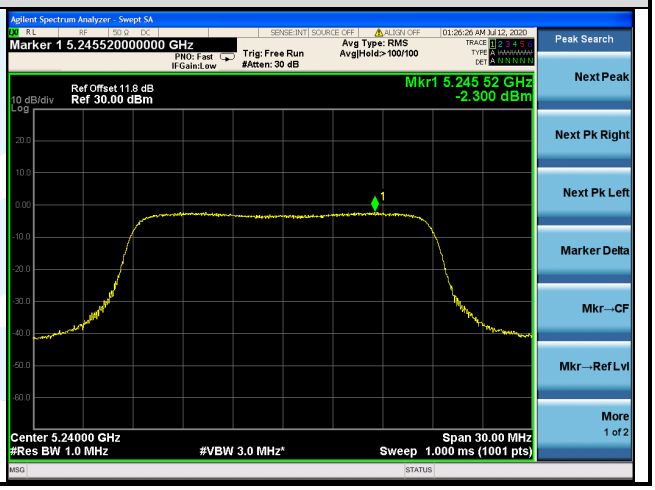




Channel 159

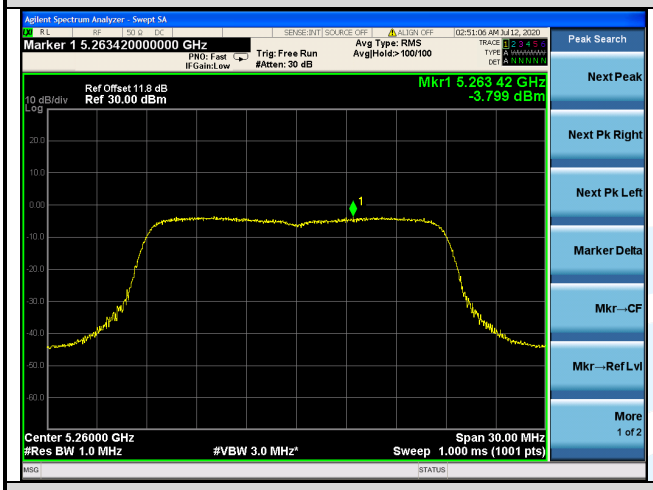


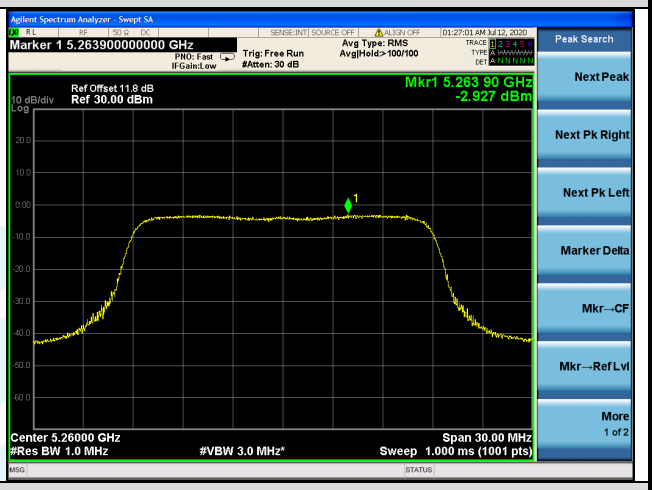


IEEE 802.11ac-VHT20	
Chain 0	Chain 1
Channel 36	
	
Channel 44	
	
Channel 48	
	

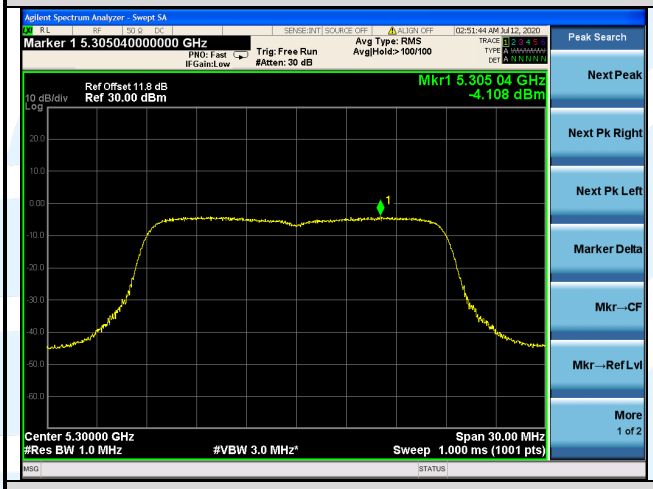
IEEE 802.11ac-VHT20

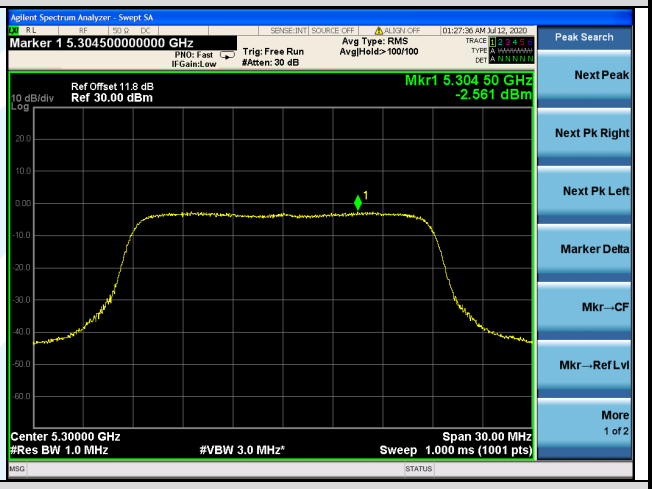
Channel 52



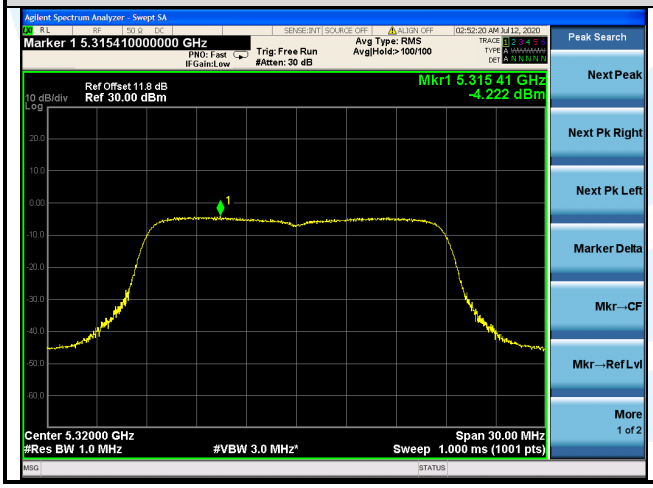


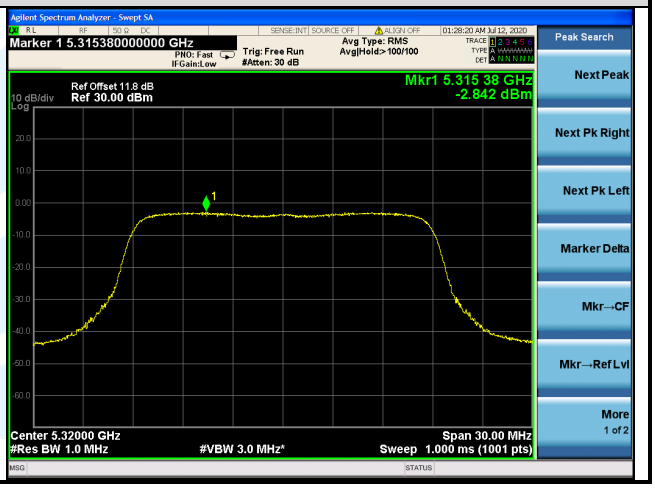
Channel 60





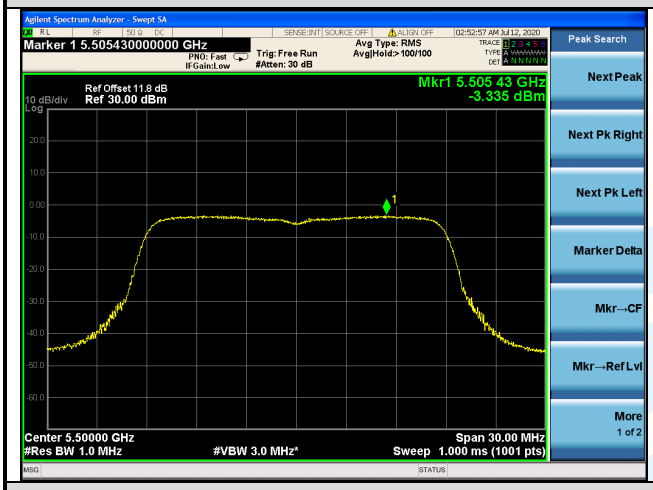
Channel 64

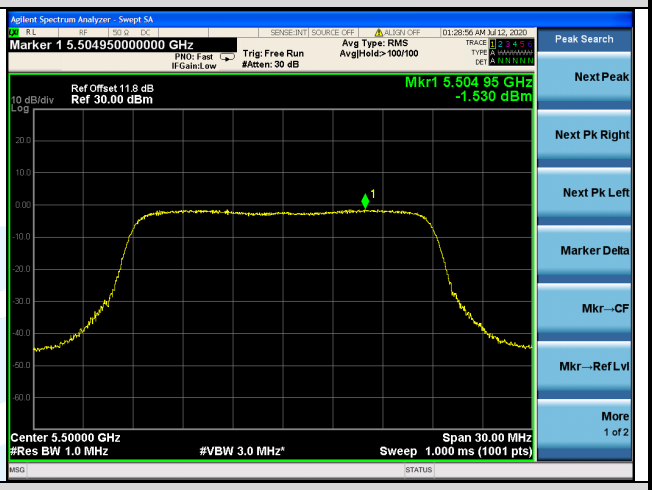




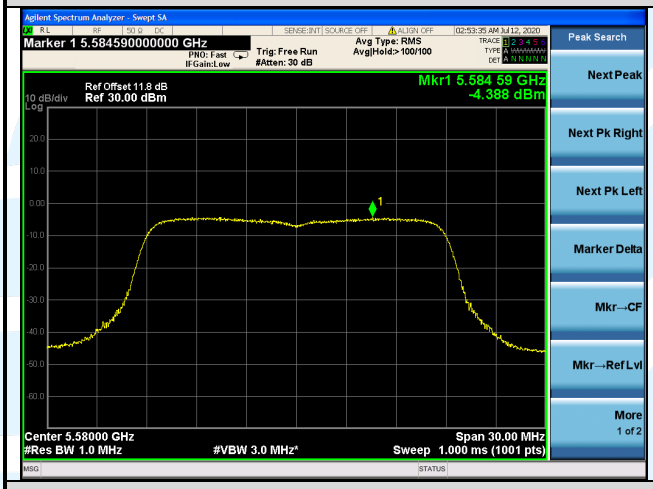
IEEE 802.11ac-VHT20

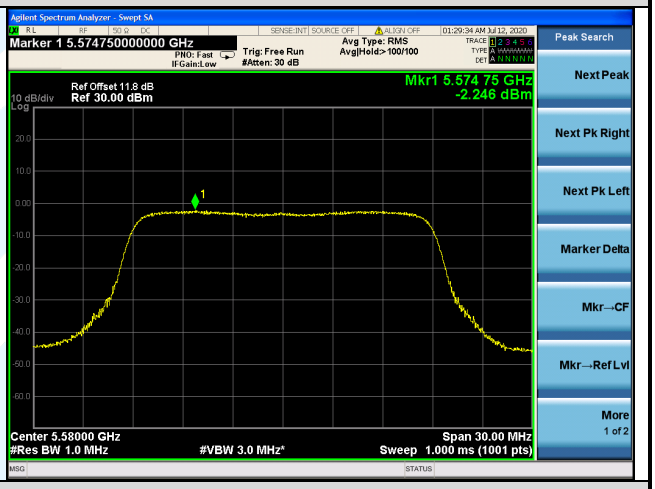
Channel 100



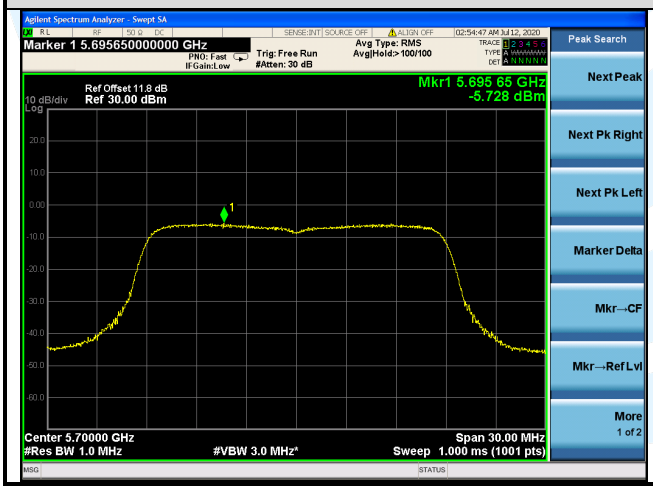


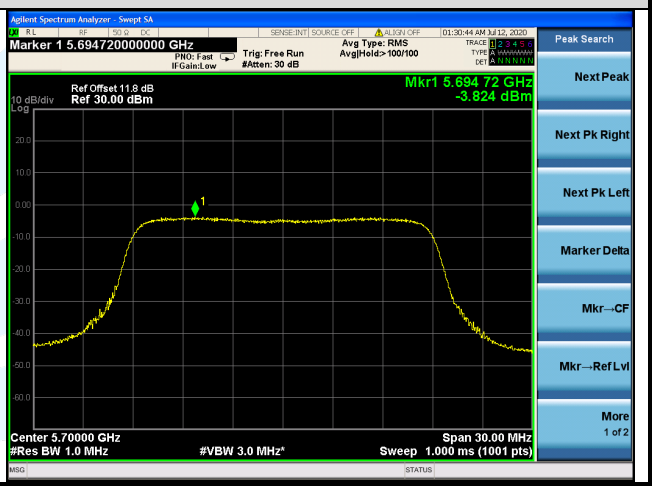
Channel 116





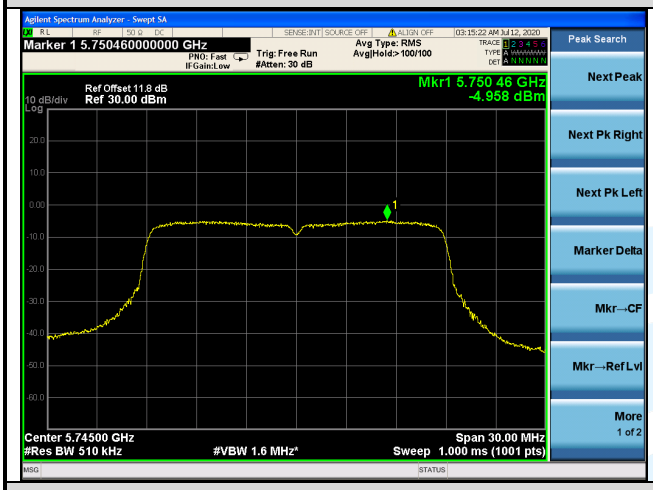
Channel 140



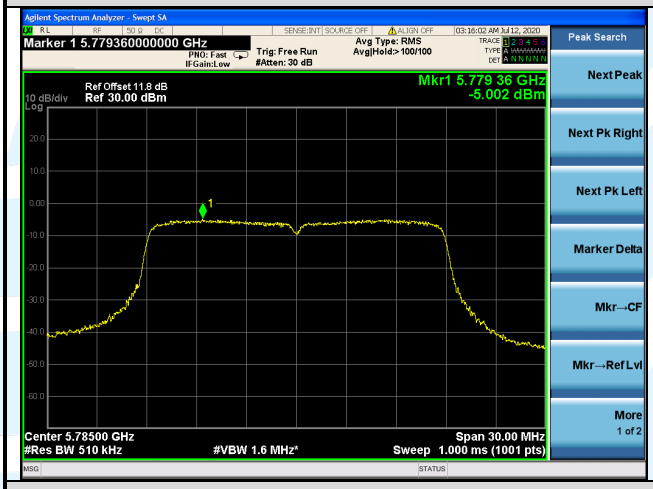


IEEE 802.11ac-VHT20

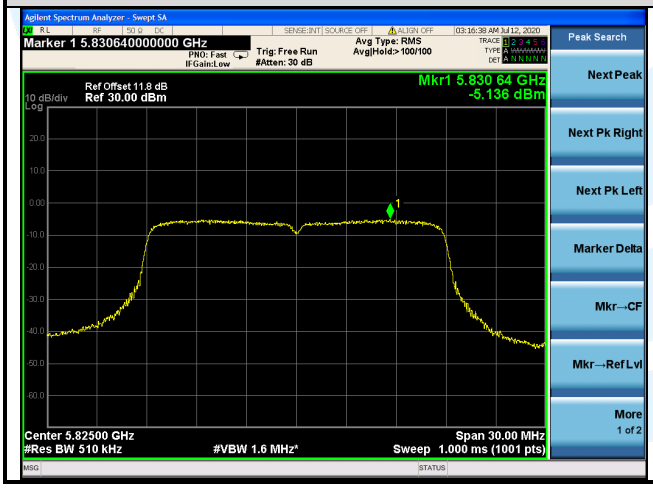
Channel 149

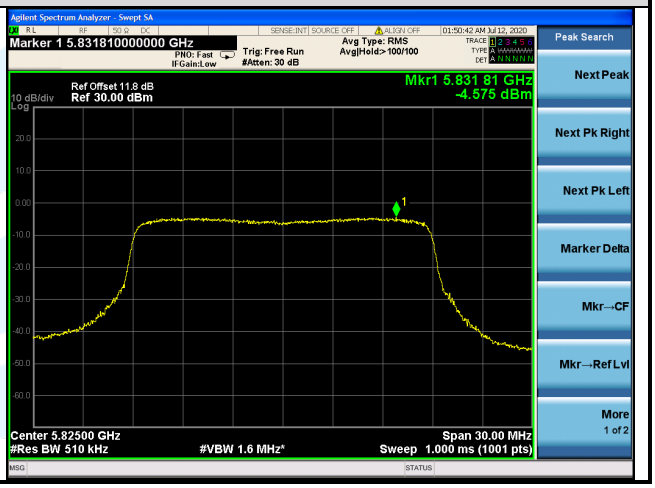


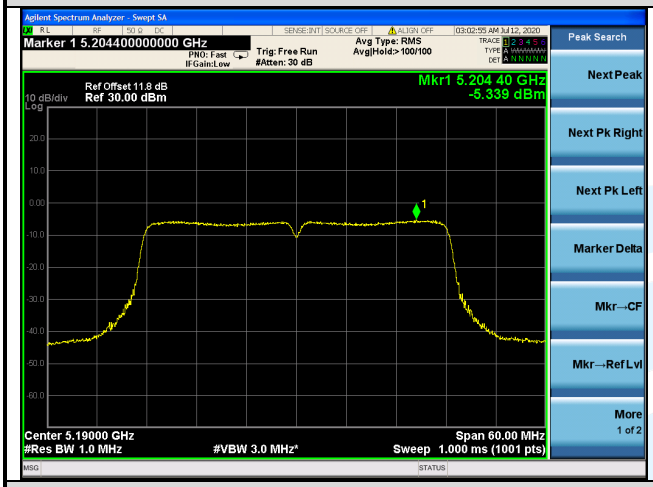
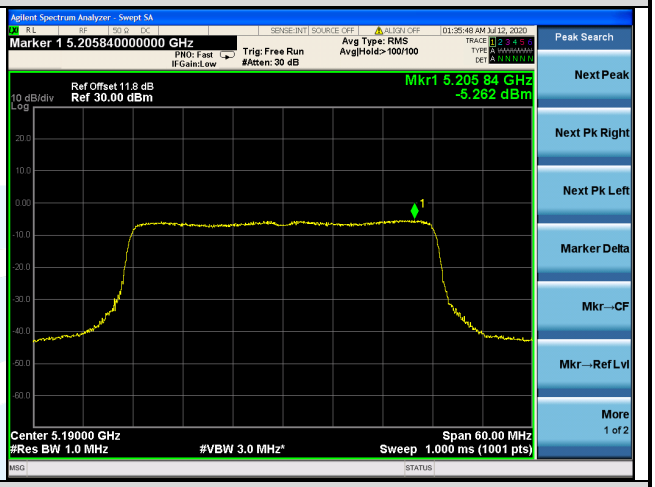
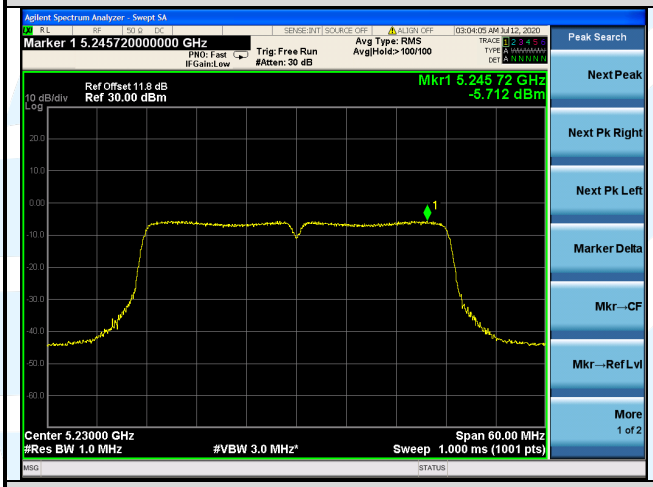
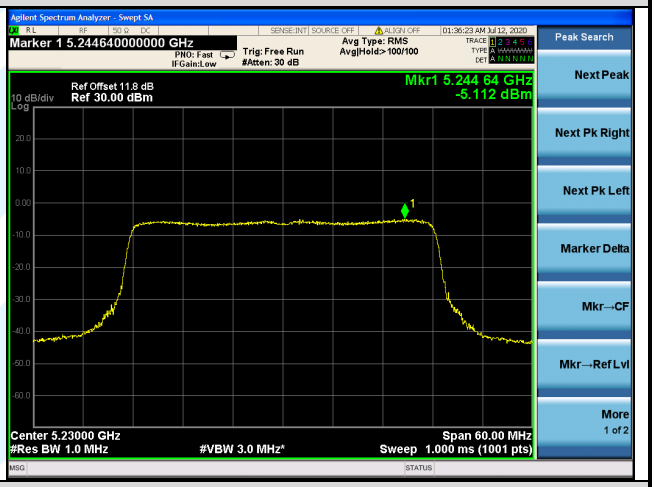
Channel 157



Channel 165





IEEE 802.11ac-VHT40	
Chain 0	Chain 1
Channel 38	
	
Channel 46	
	
Channel 54