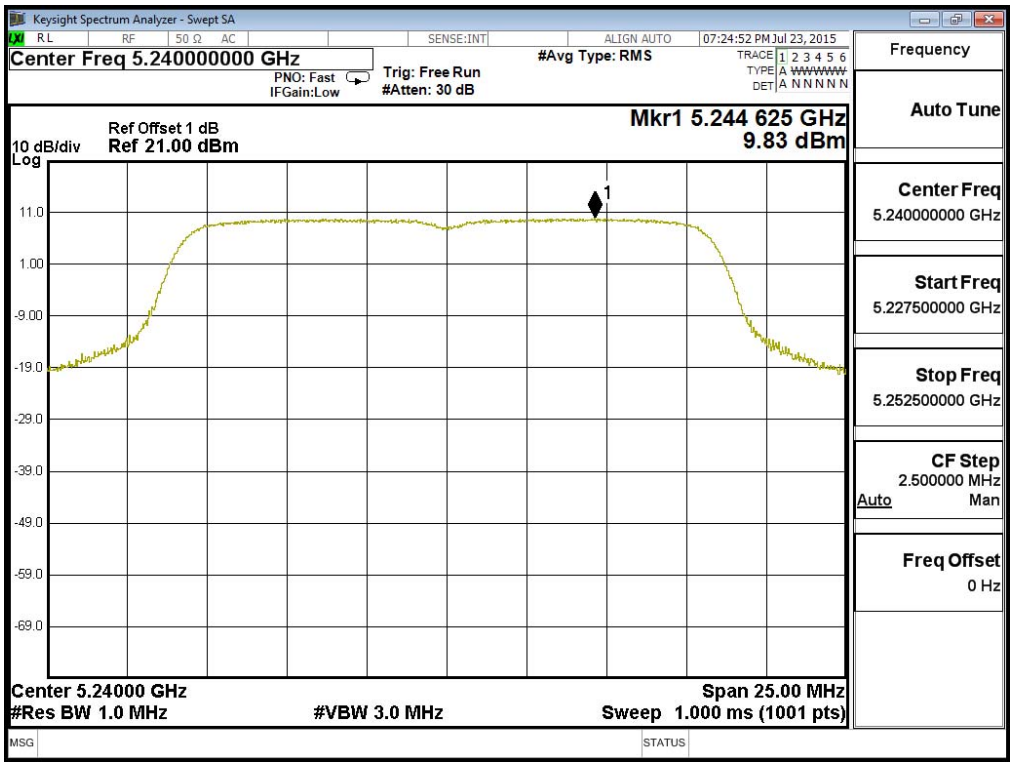
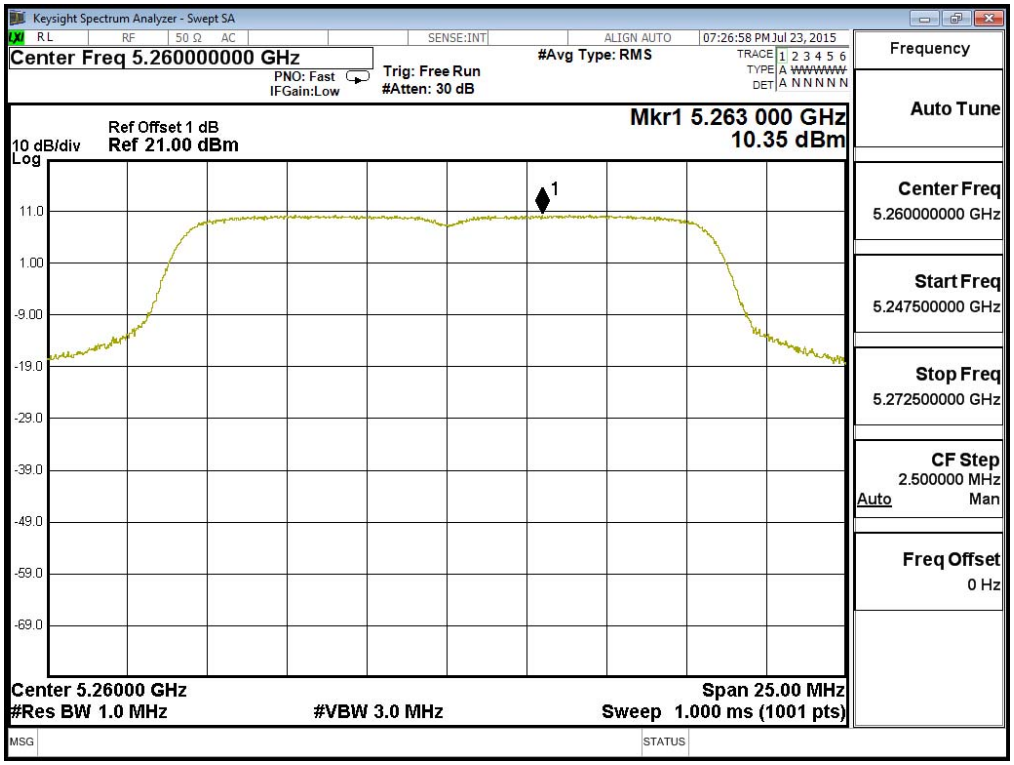
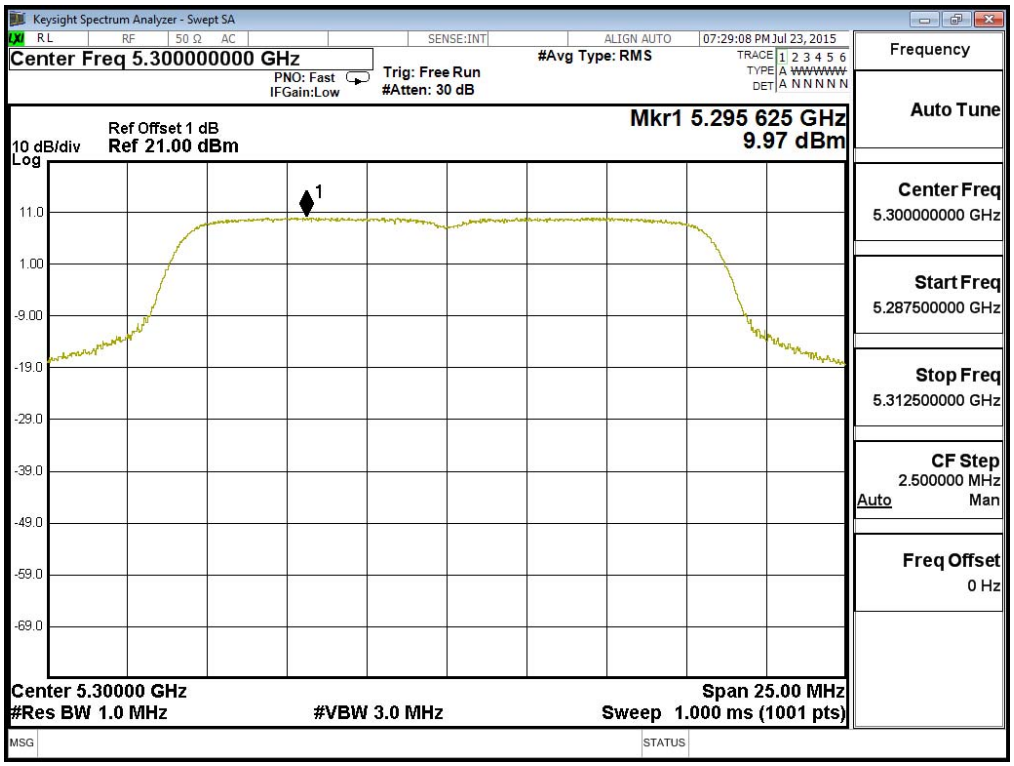
Channel 48:



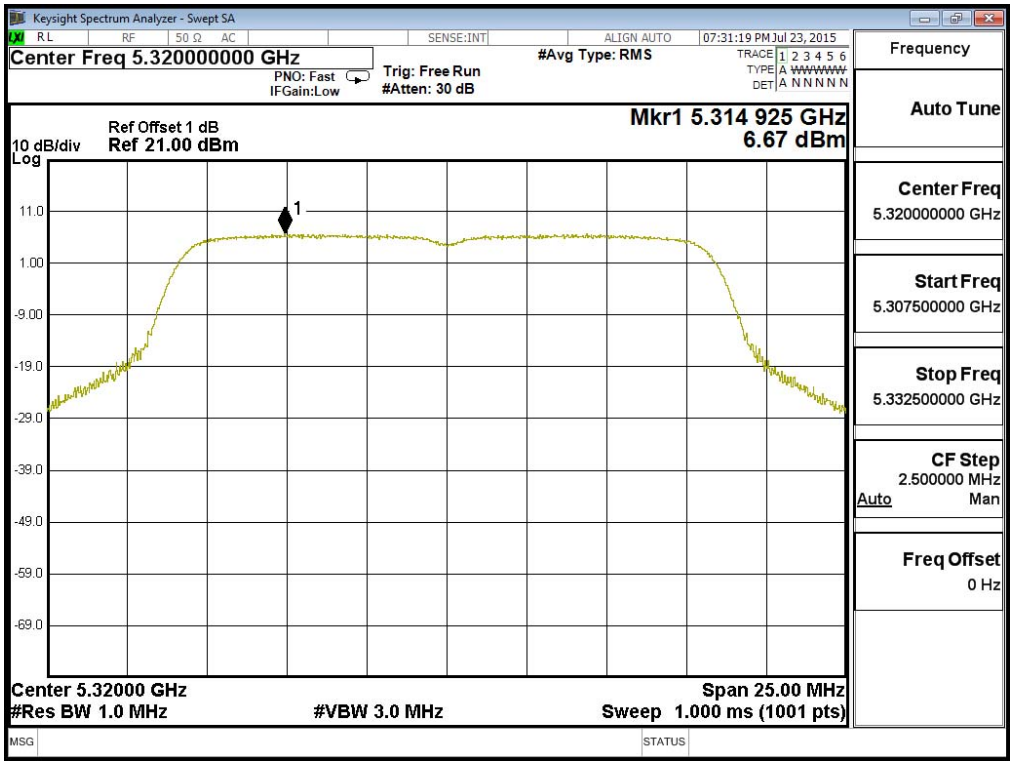
Channel 52:



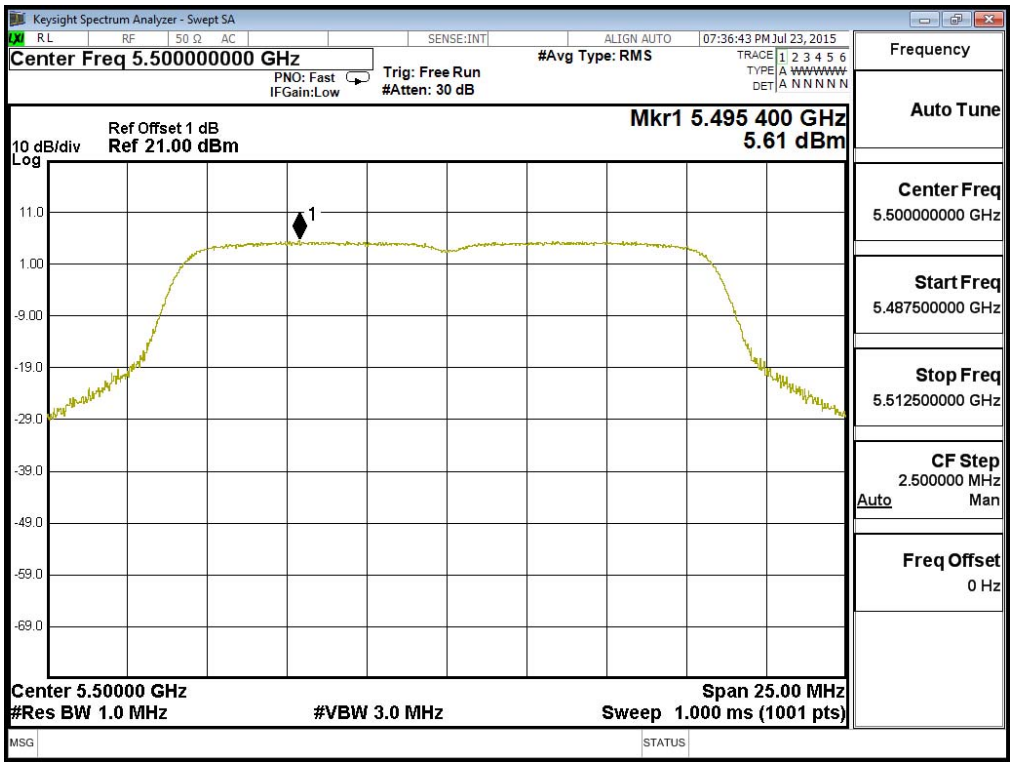
Channel 60:



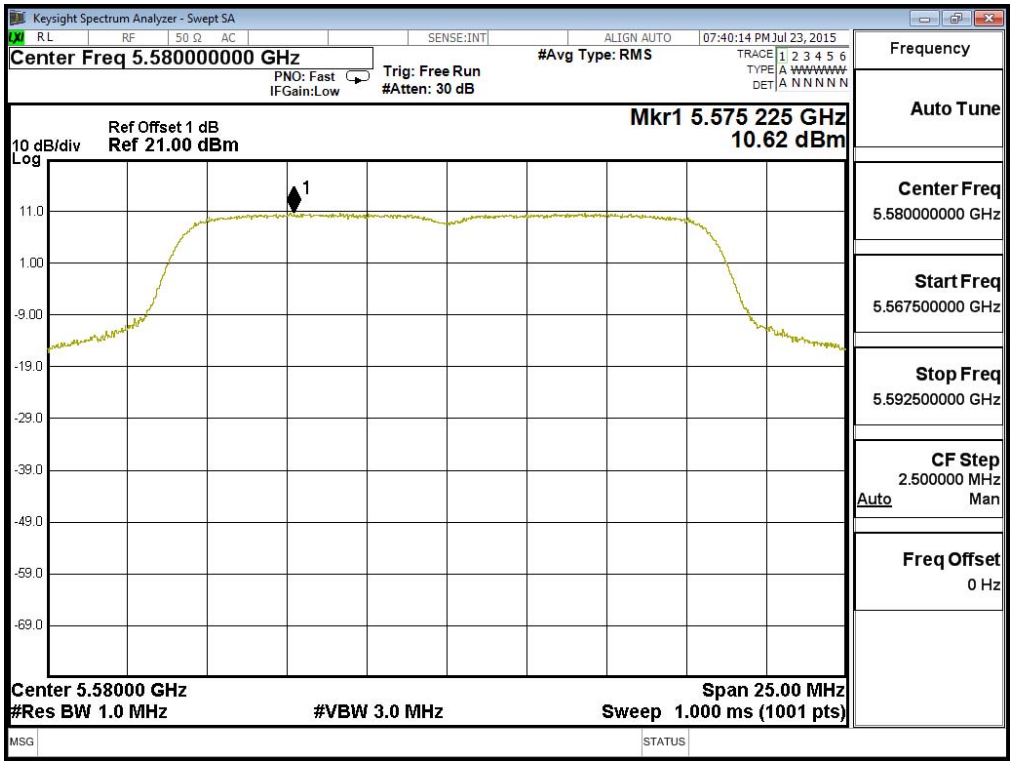
Channel 64:



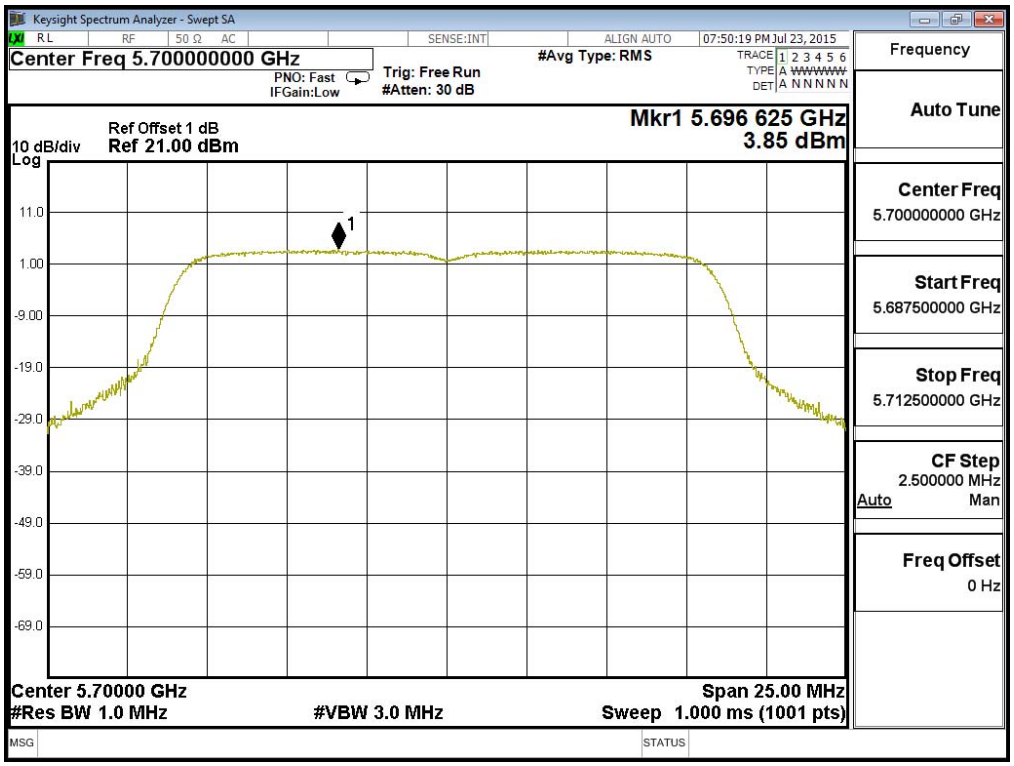
Channel 100:



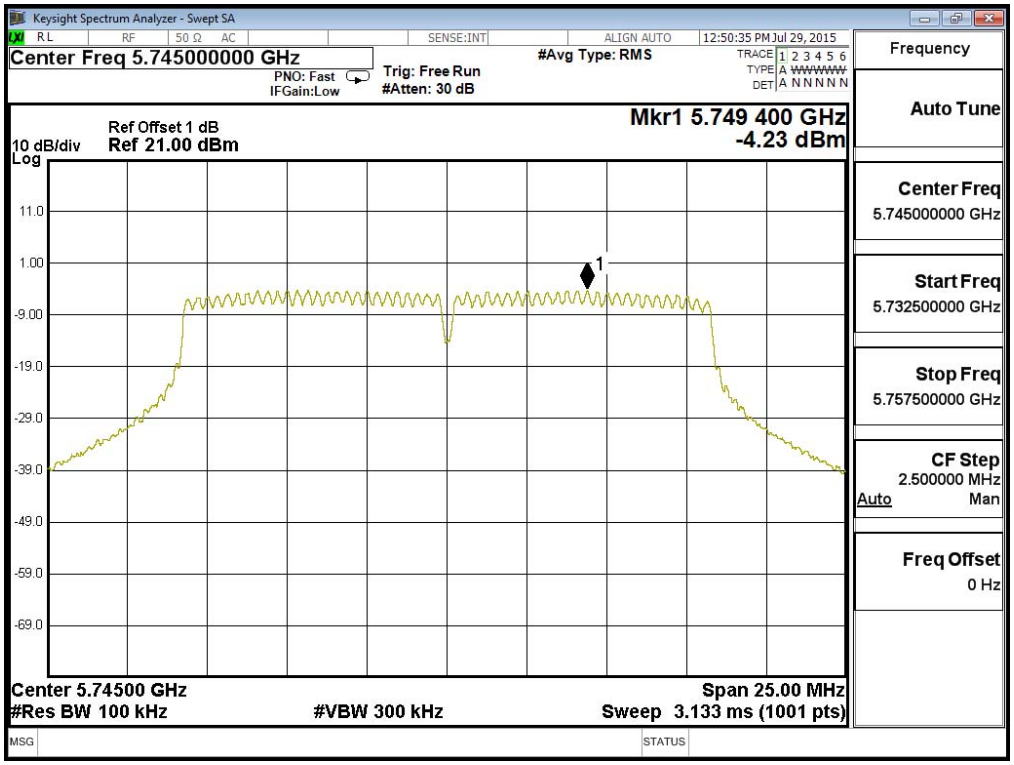
Channel 116:



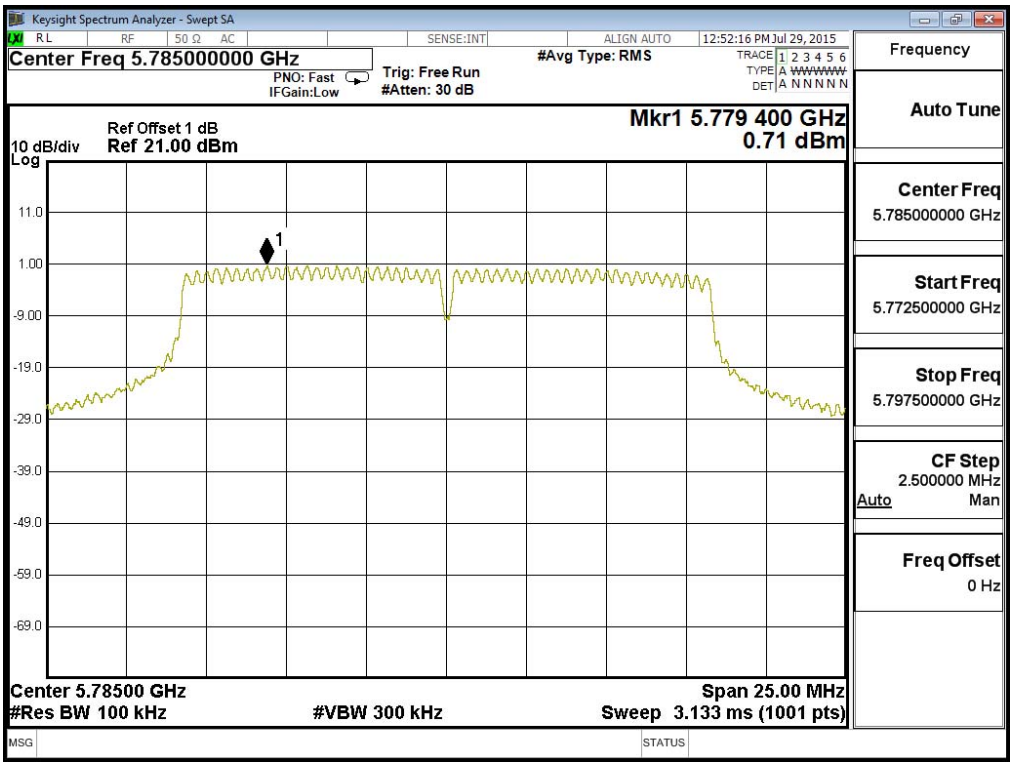
Channel 140:



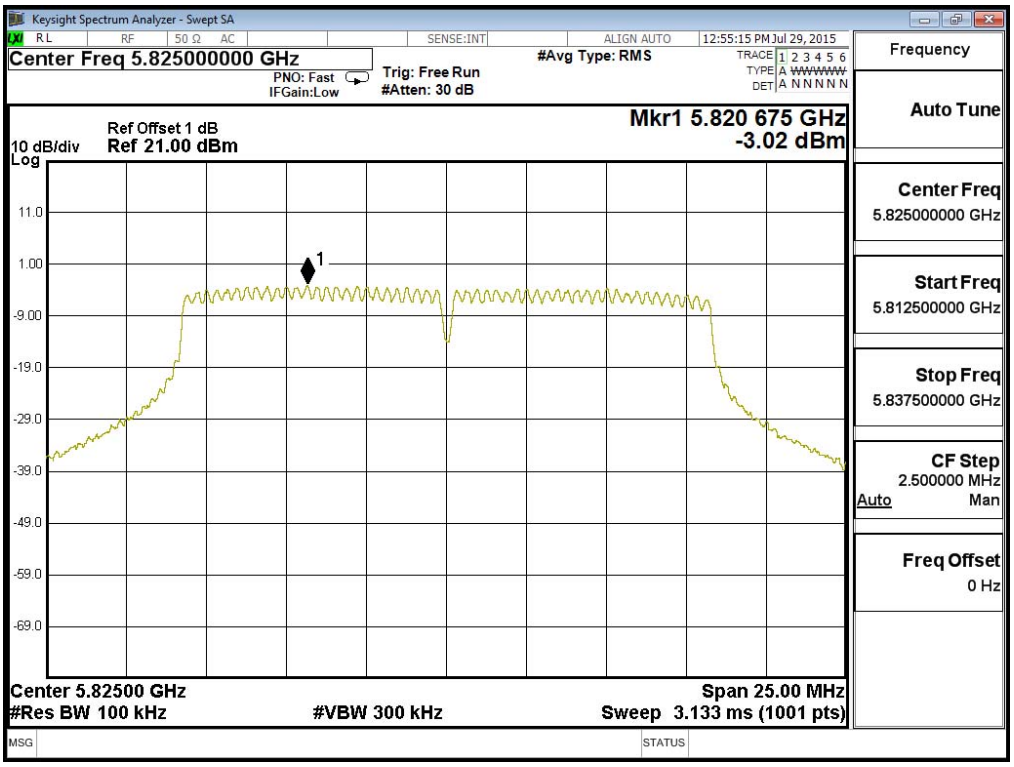
Channel 149



Channel 157



Channel 165



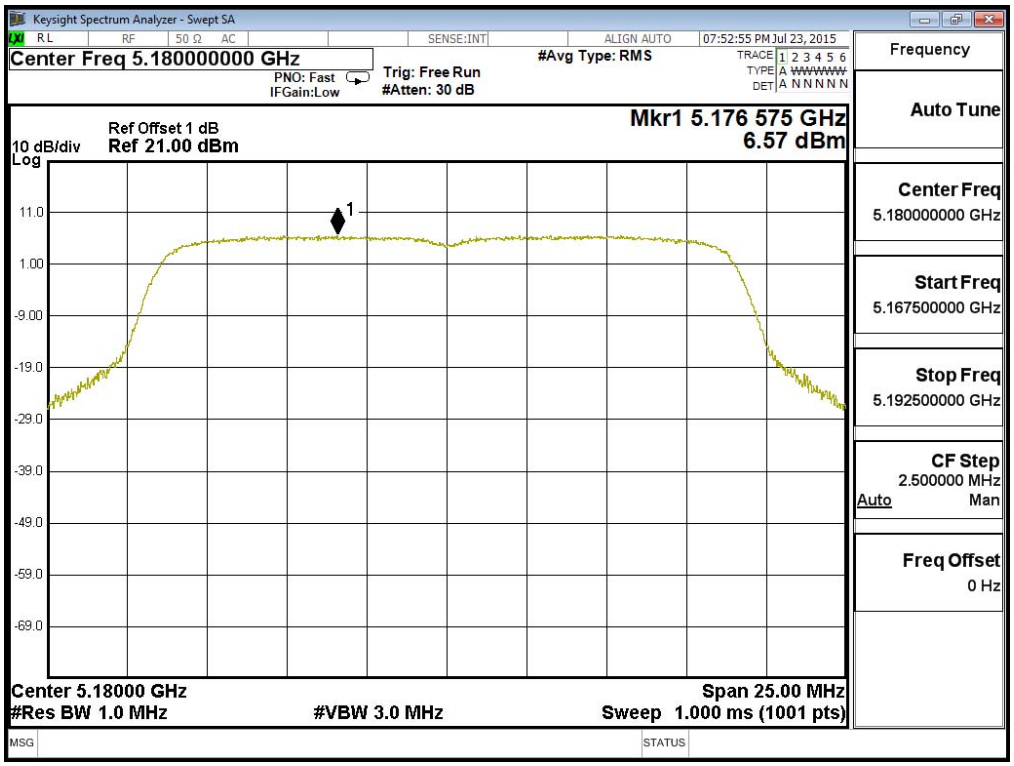
Product : MOXA IEEE 802.11 a/b/g/n
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PPSD (dBm)1	Required Limit (dBm)	Result
36	5180	A	6.570	9.580	17	Pass
		B	7.580	10.590	17	Pass
44	5220	A	6.650	9.660	17	Pass
		B	6.580	9.590	17	Pass
48	5240	A	7.510	10.520	17	Pass
		B	6.740	9.750	17	Pass
52	5260	A	7.910	10.920	11	Pass
		B	7.250	10.260	11	Pass
60	5300	A	6.310	9.320	11	Pass
		B	4.860	7.870	11	Pass
64	5320	A	7.740	10.750	11	Pass
		B	6.280	9.290	11	Pass
100	5500	A	4.800	7.810	11	Pass
		B	3.720	6.730	11	Pass
116	5580	A	7.820	10.830	11	Pass
		B	7.590	10.600	11	Pass
140	5700	A	5.110	8.120	11	Pass
		B	4.320	7.330	11	Pass

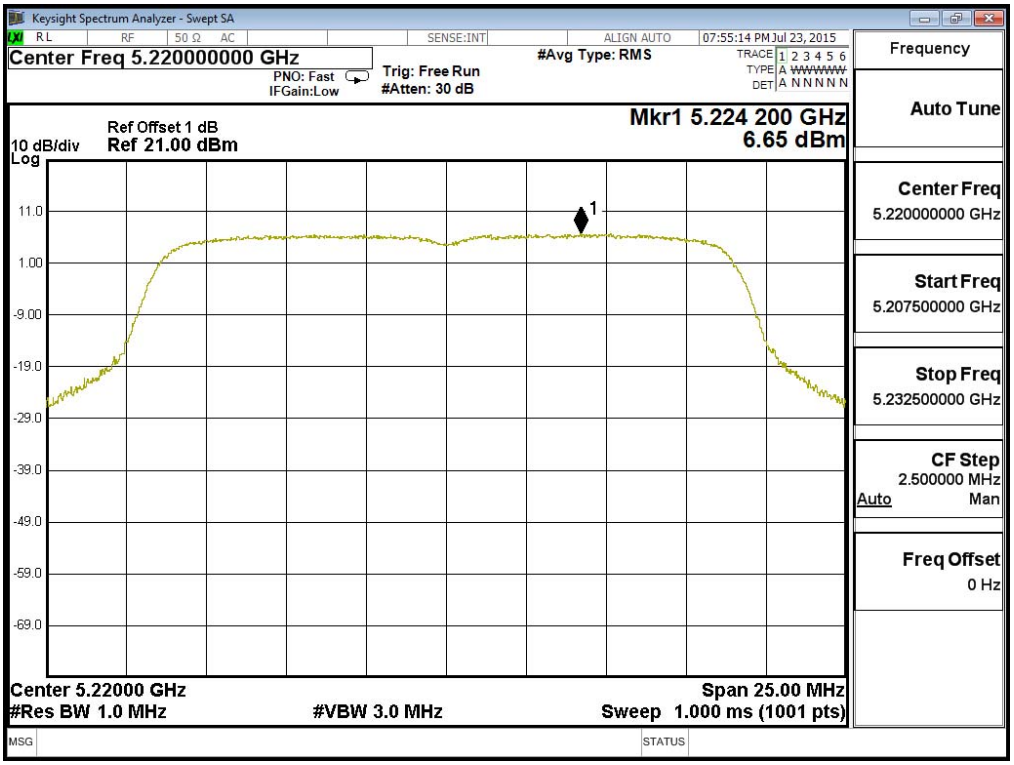
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PPSD (dBm)1	Required Limit (dBm)	Result
149	5745	A	-1.610	6.980	8.380	<30	Pass
		B	-5.370	6.980	4.620	<30	Pass
157	5785	A	0.020	6.980	10.010	<30	Pass
		B	-4.580	6.980	5.410	<30	Pass
165	5825	A	0.130	6.980	10.120	<30	Pass
		B	-4.060	6.980	5.930	<30	Pass

Note 1: The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.

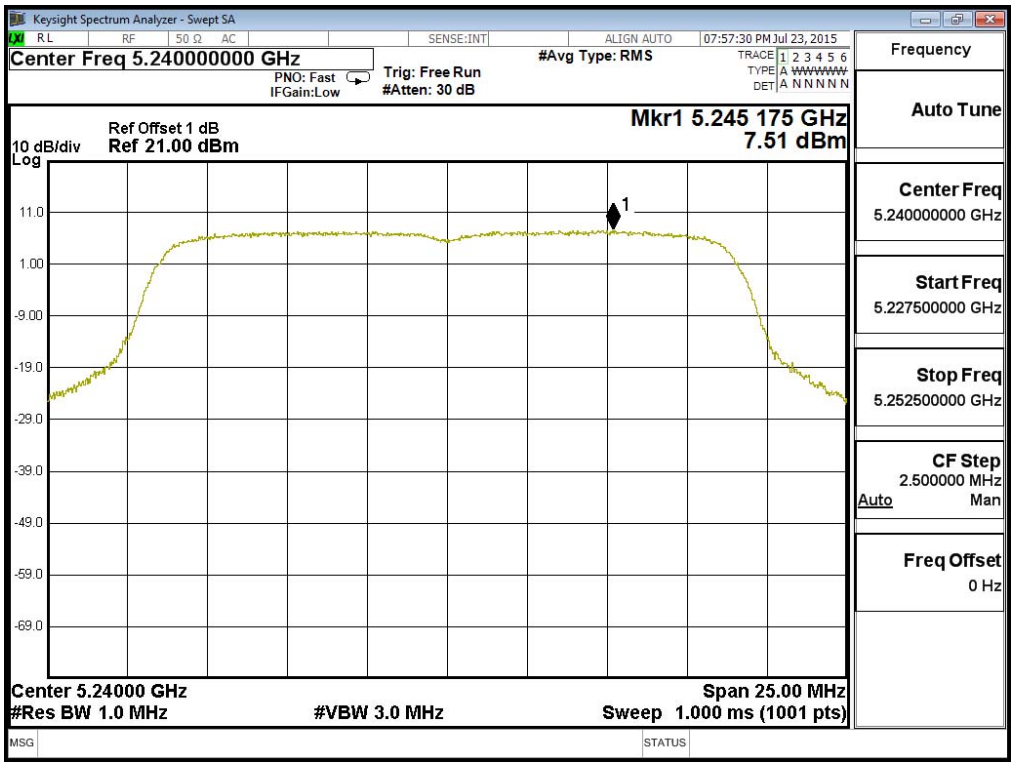
Channel 36 – Chain A



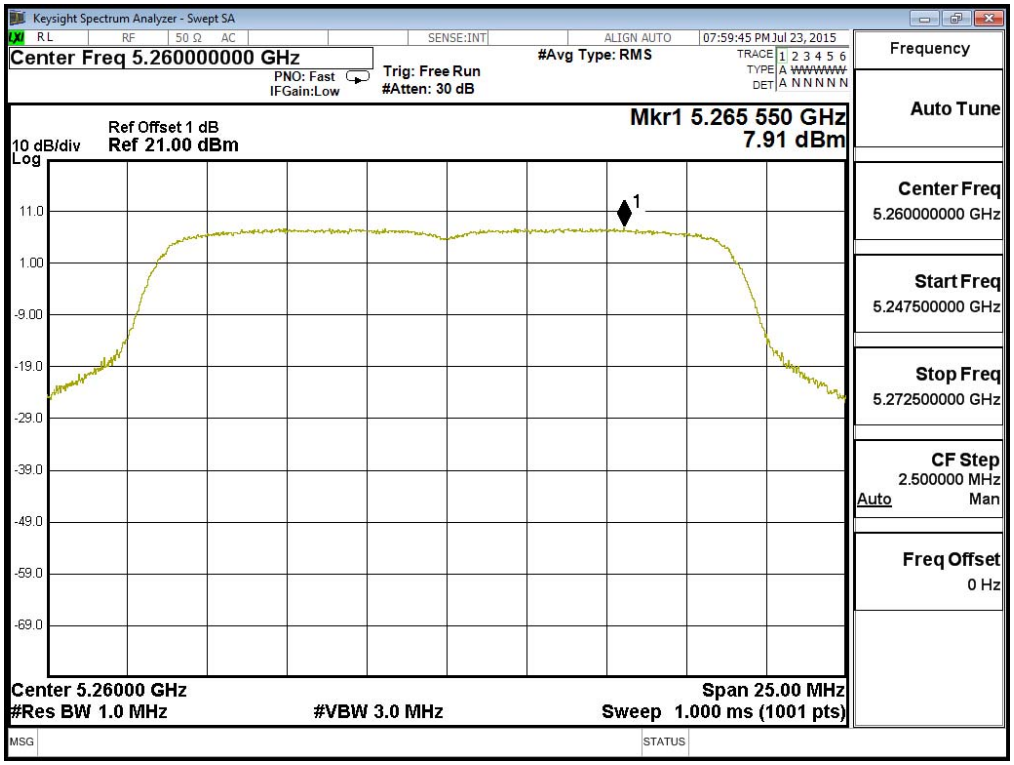
Channel 44 – Chain A



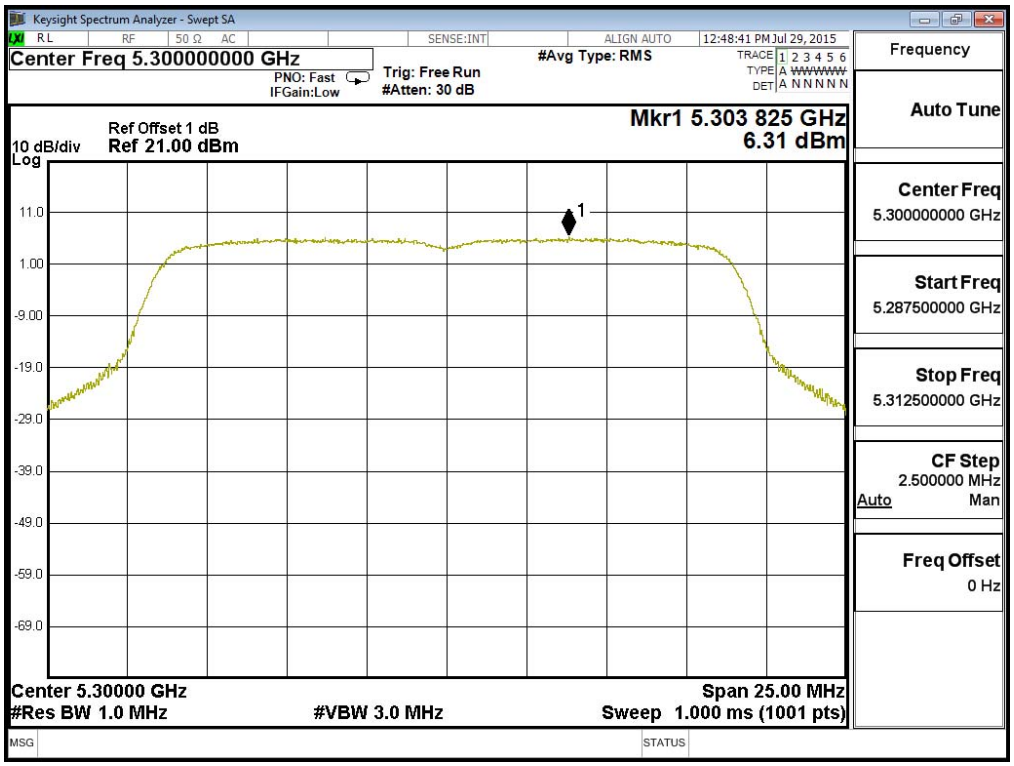
Channel 48 – Chain A



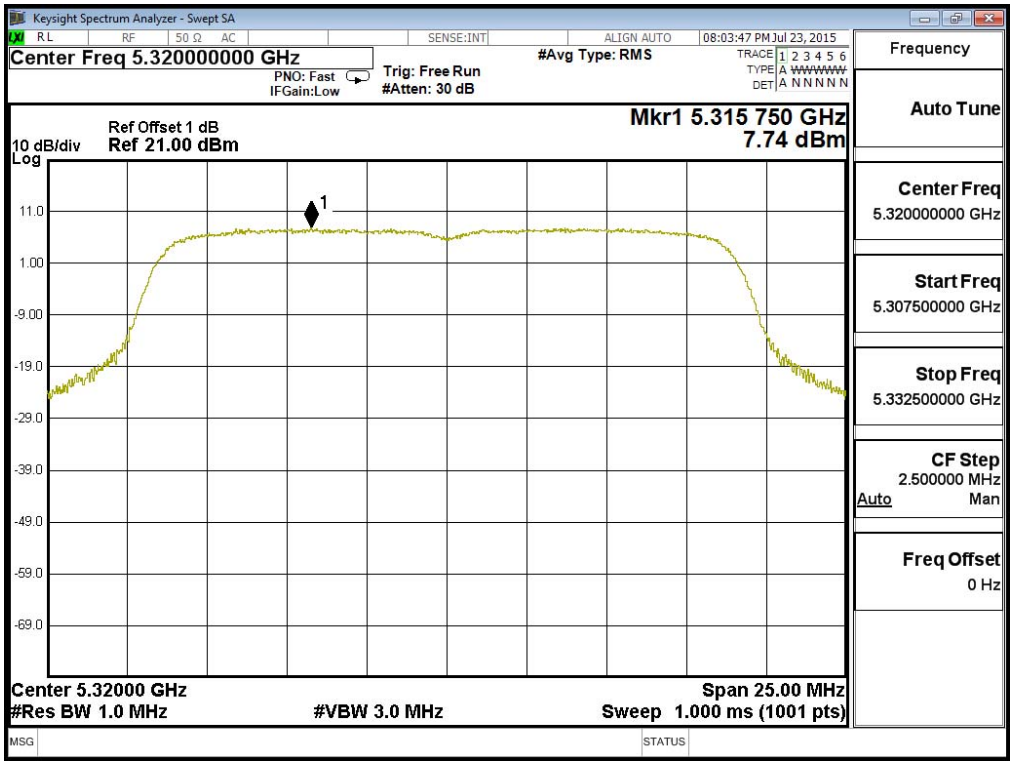
Channel 52 – Chain A



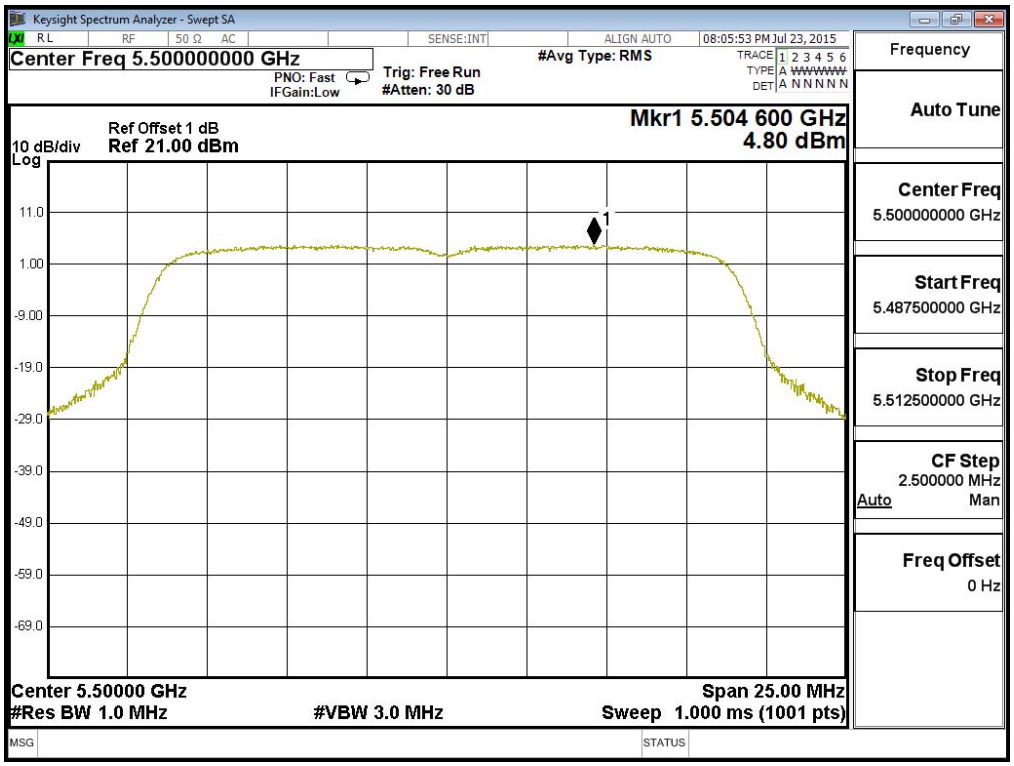
Channel 60 – Chain A



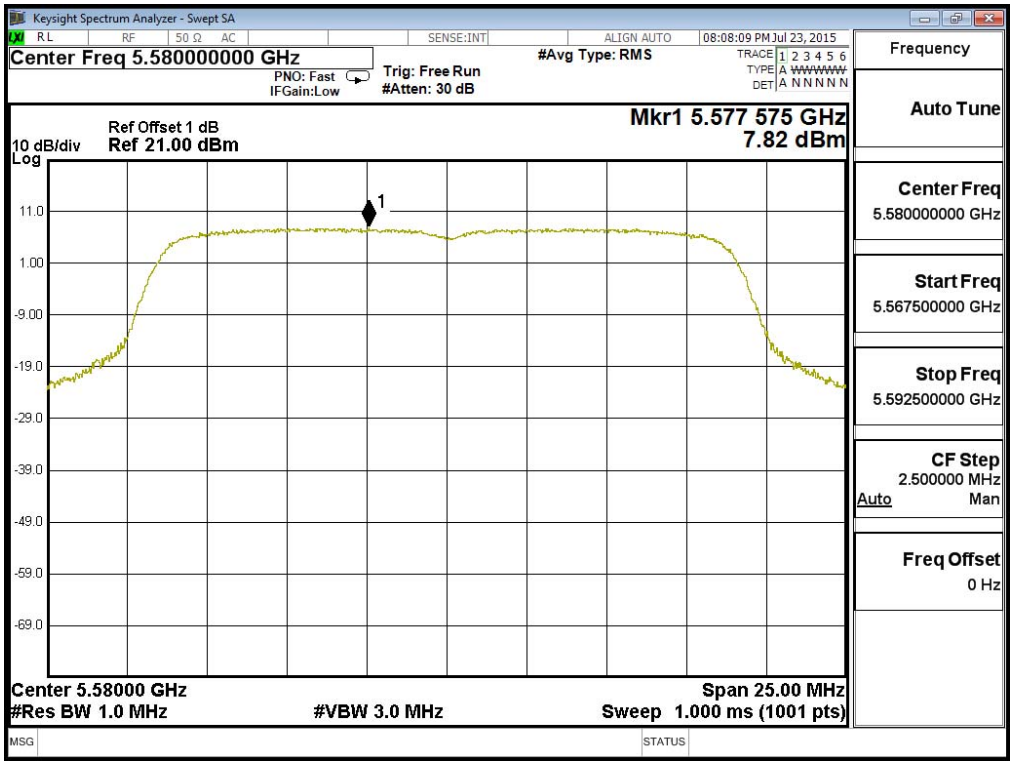
Channel 64 – Chain A



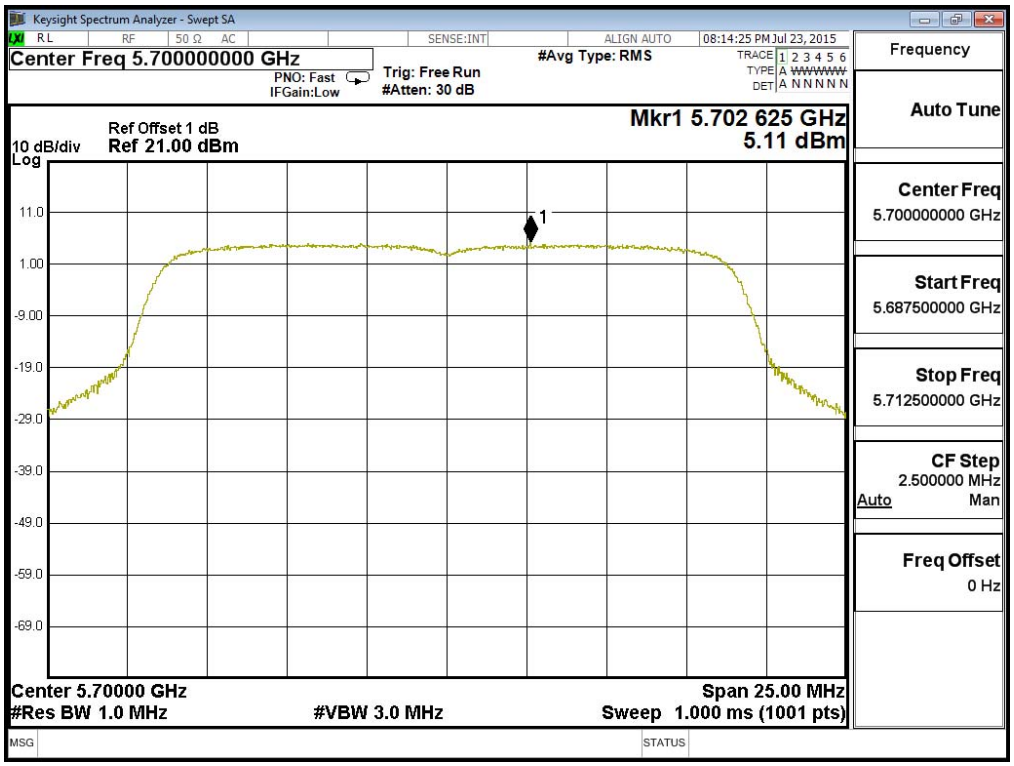
Channel 100 – Chain A



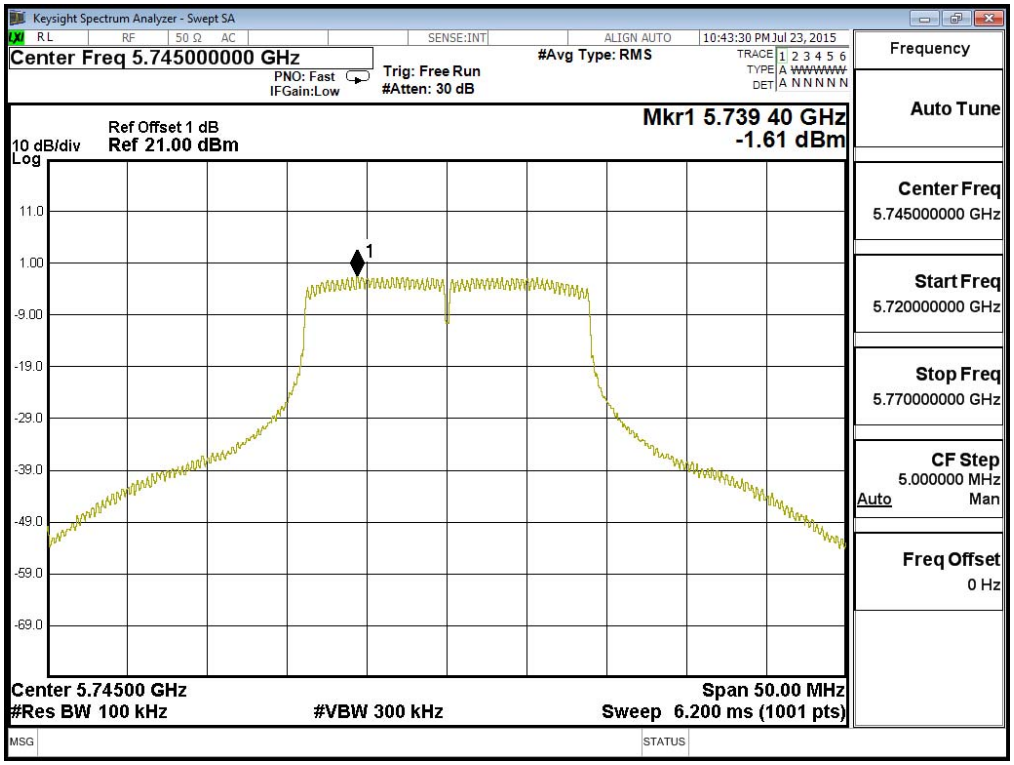
Channel 116 – Chain A



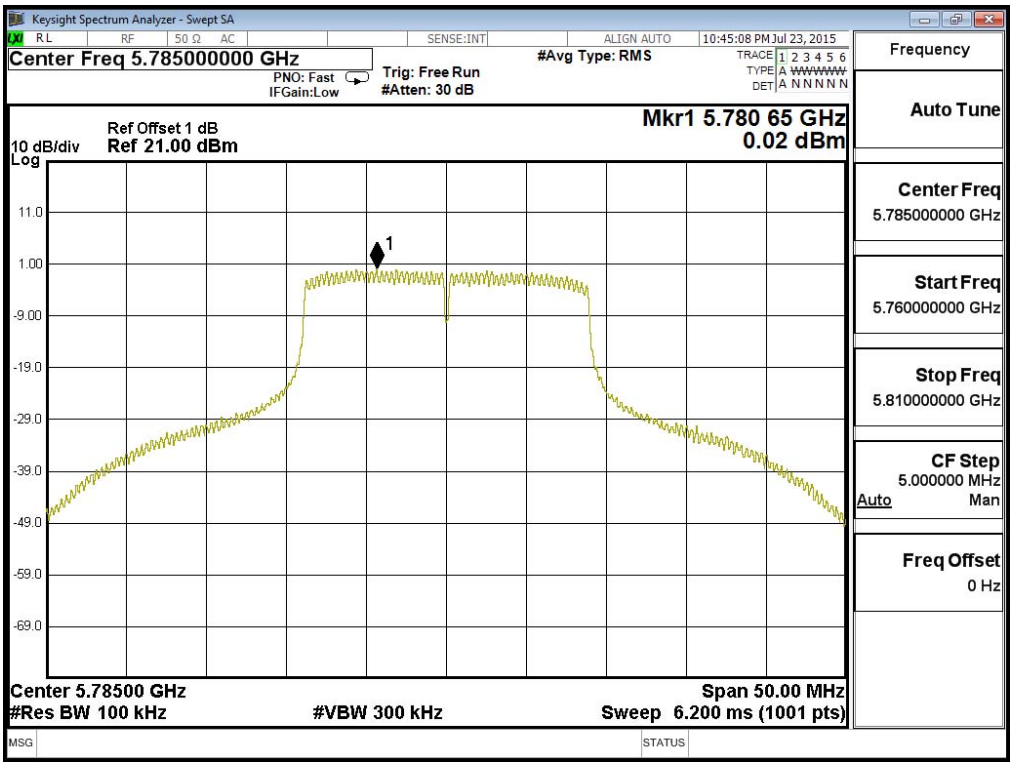
Channel 140 – Chain A



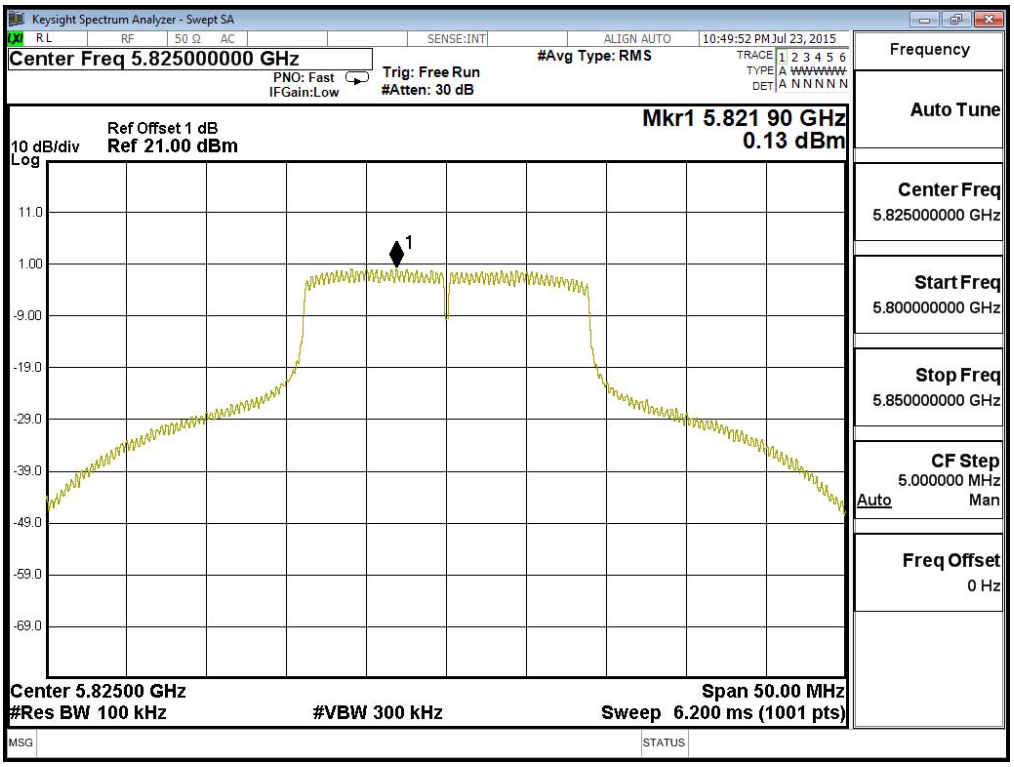
.Channel 149 – Chain A



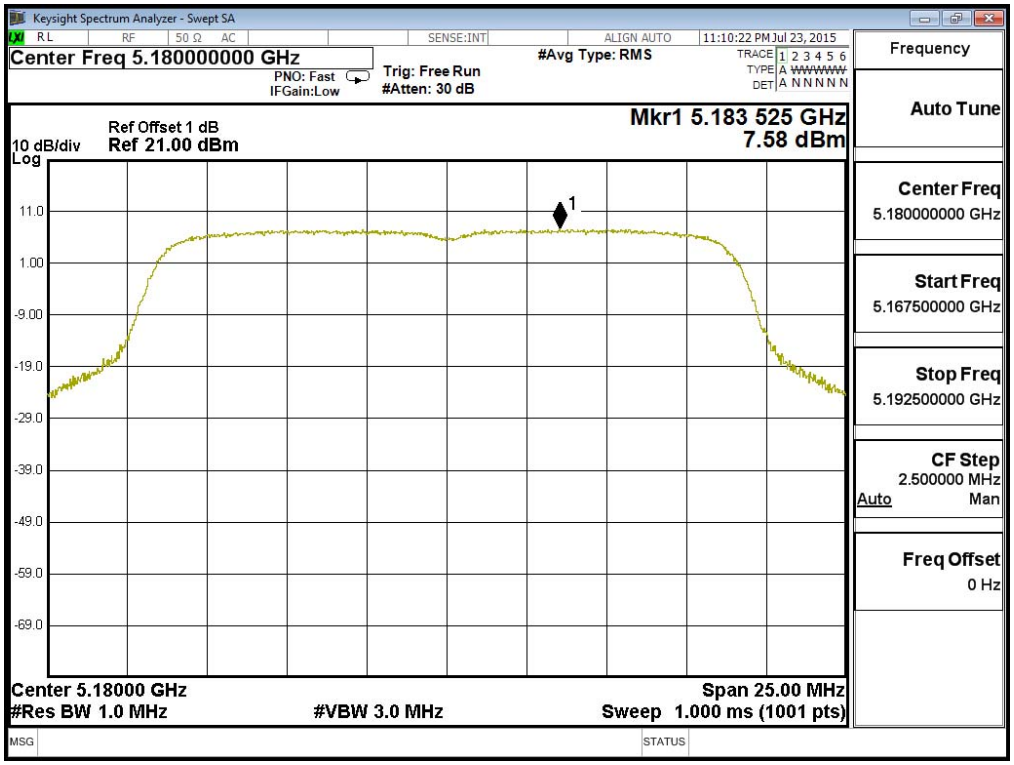
Channel 157 – Chain A



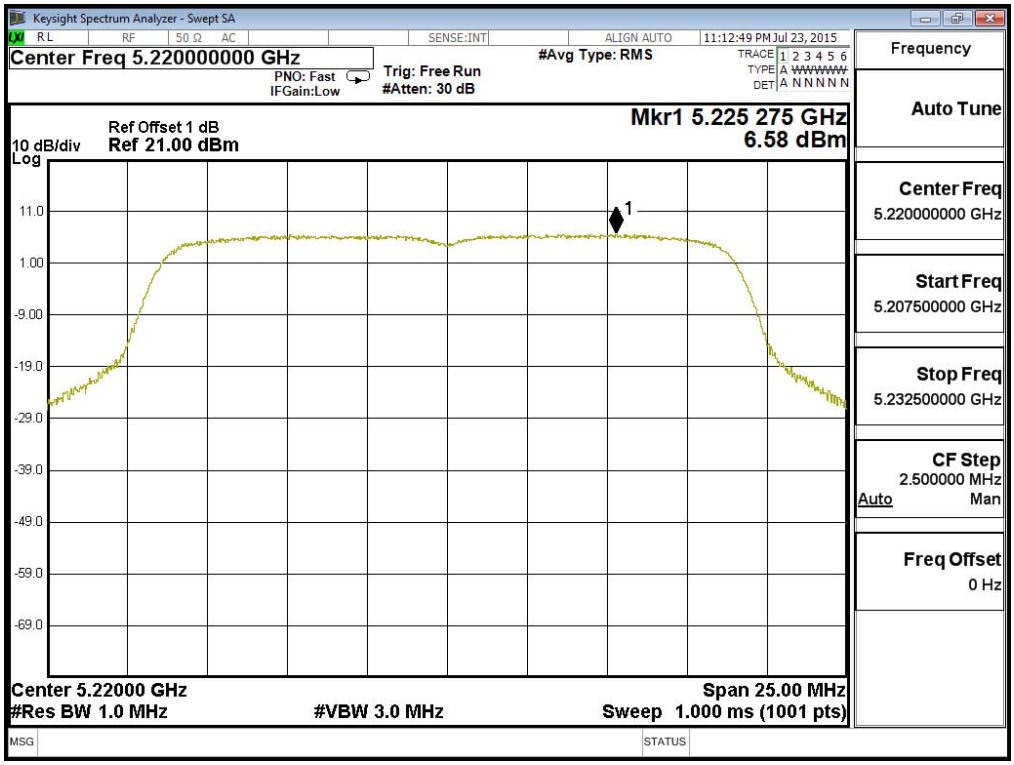
Channel 165 – Chain A



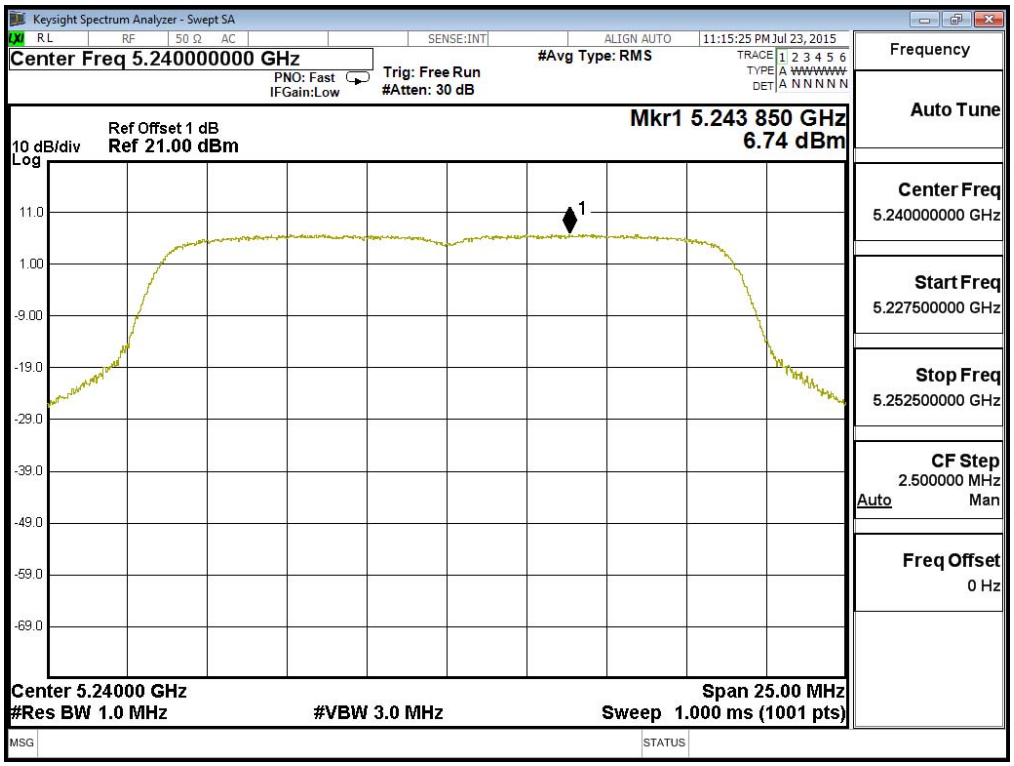
Channel 36 – Chain B



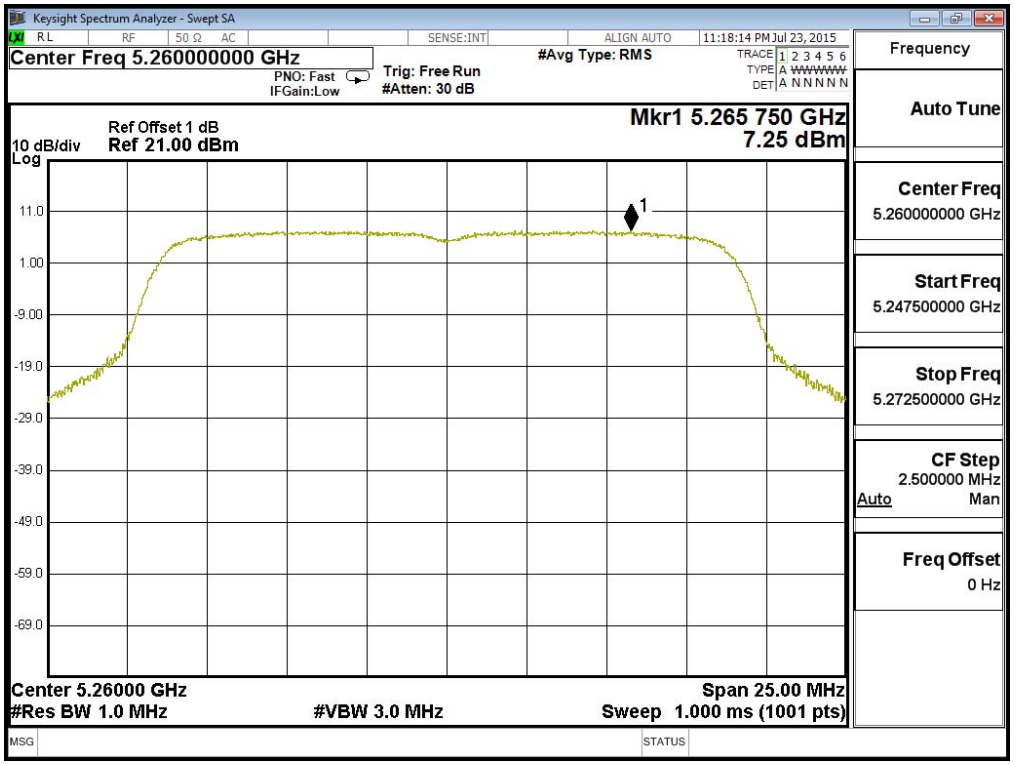
Channel 44 – Chain B



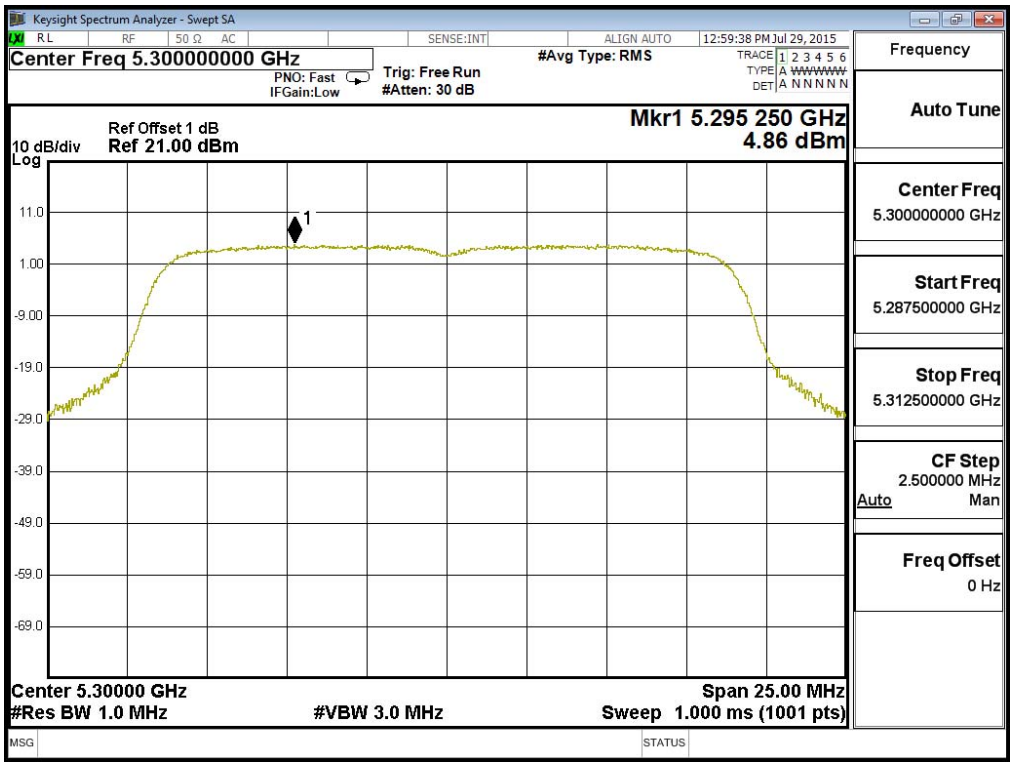
Channel 48 – Chain B



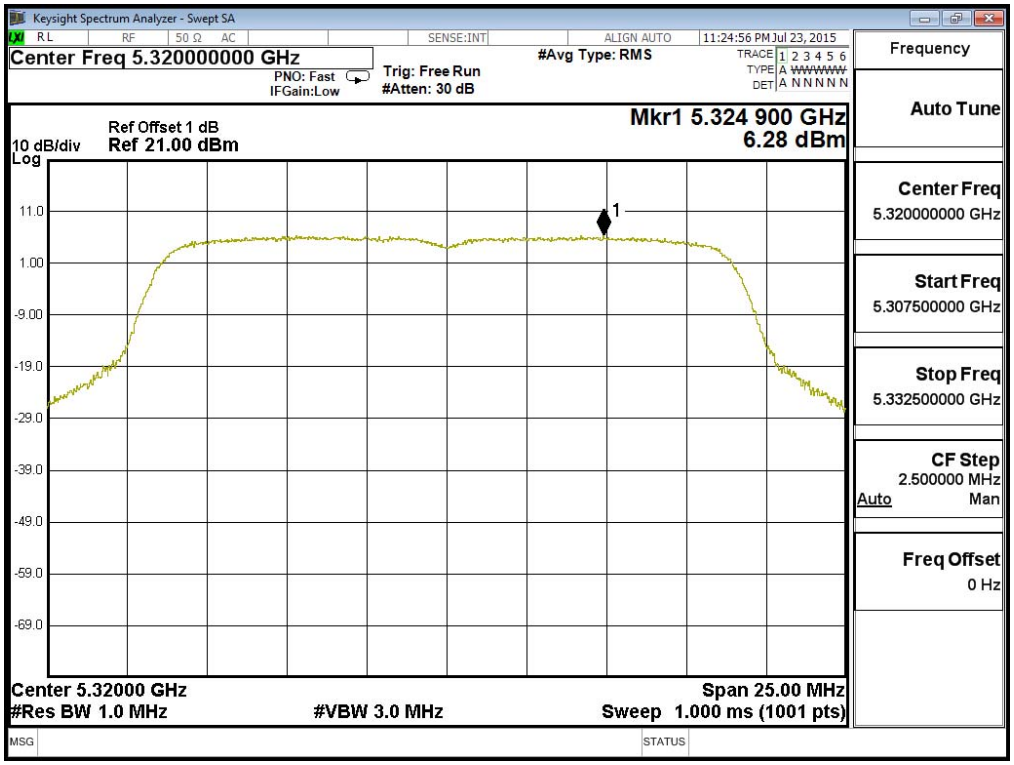
Channel 52 – Chain B



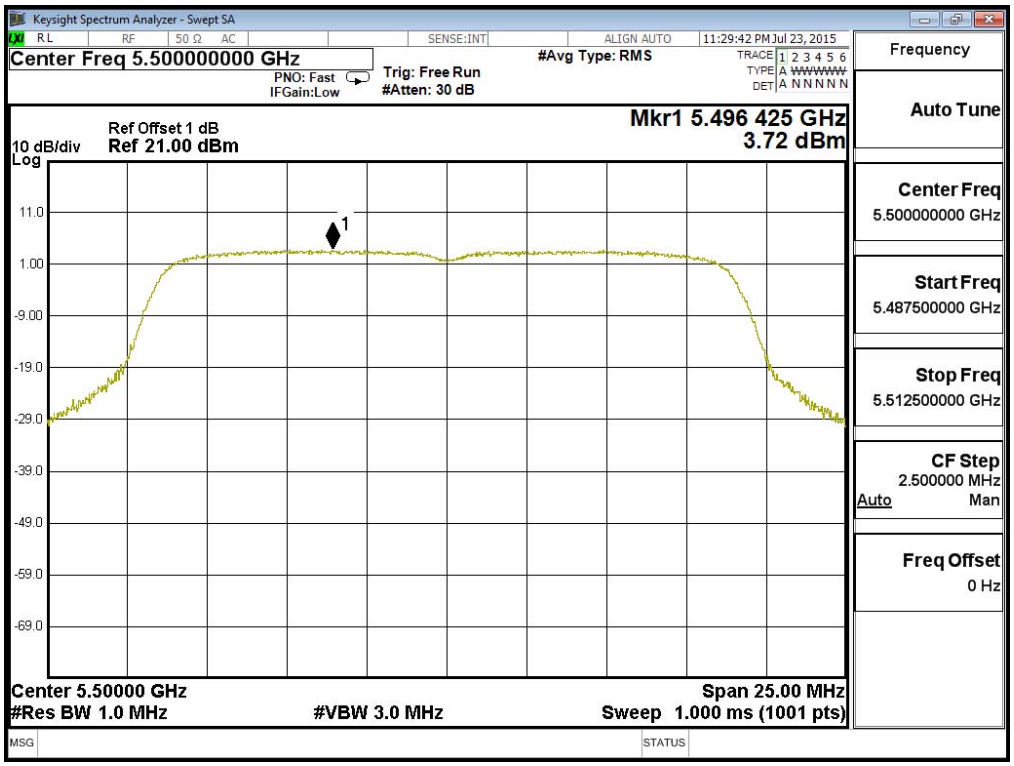
Channel 60 – Chain B



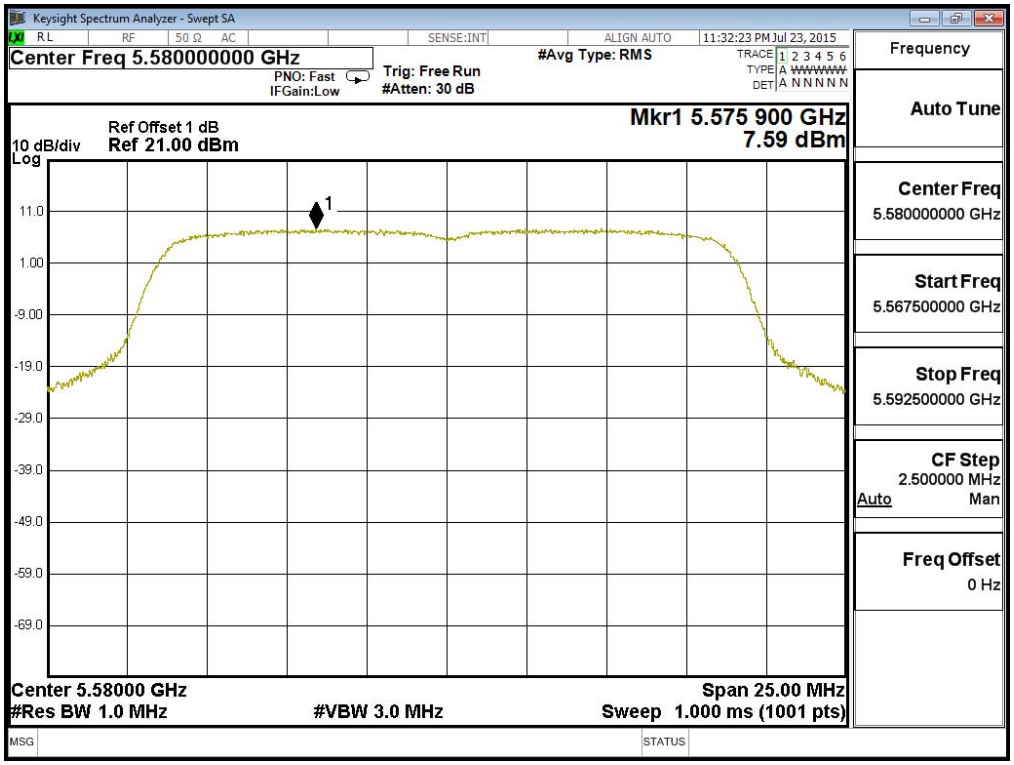
Channel 64 – Chain B



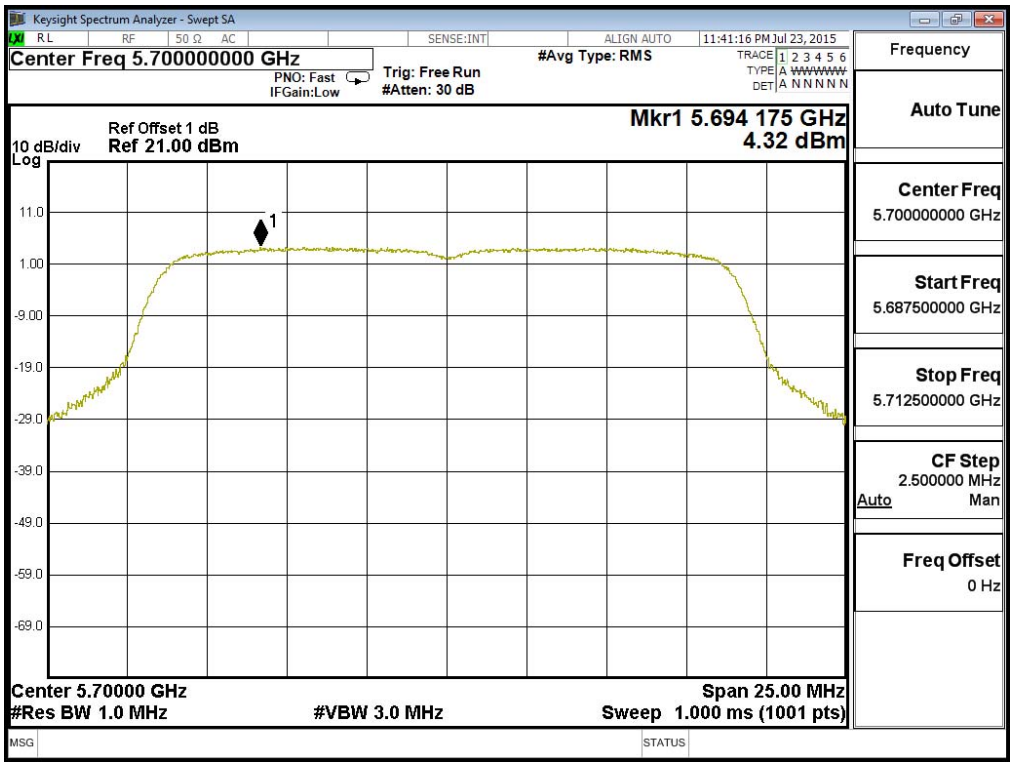
Channel 100 – Chain B



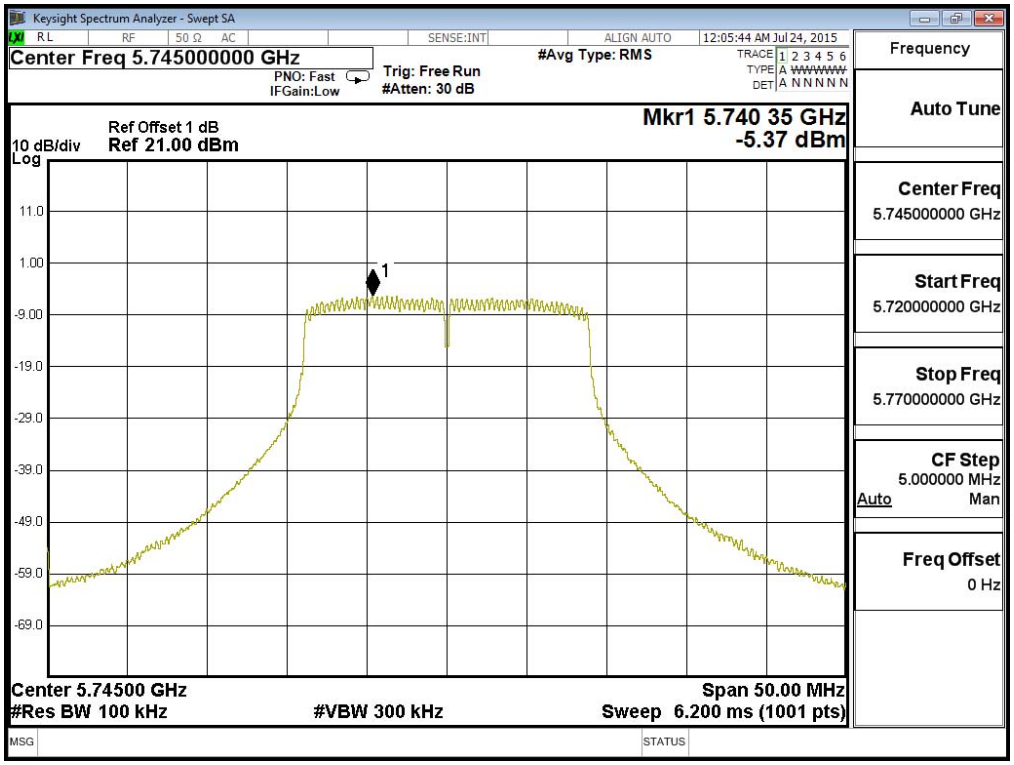
Channel 116 – Chain B



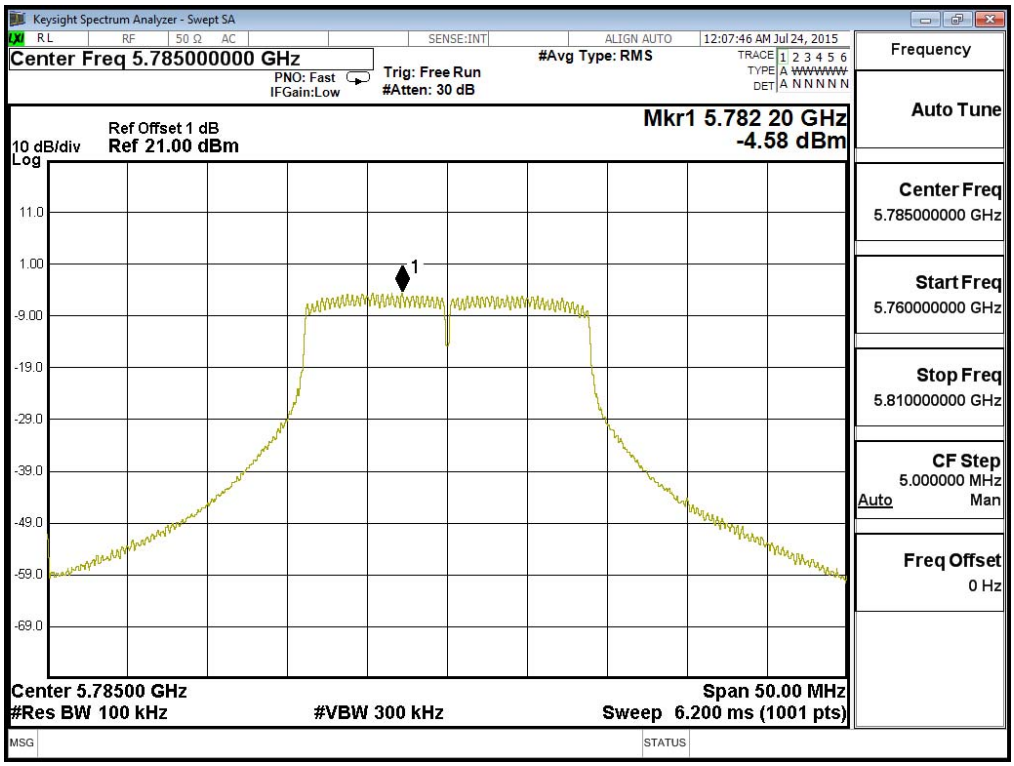
Channel 140 – Chain B



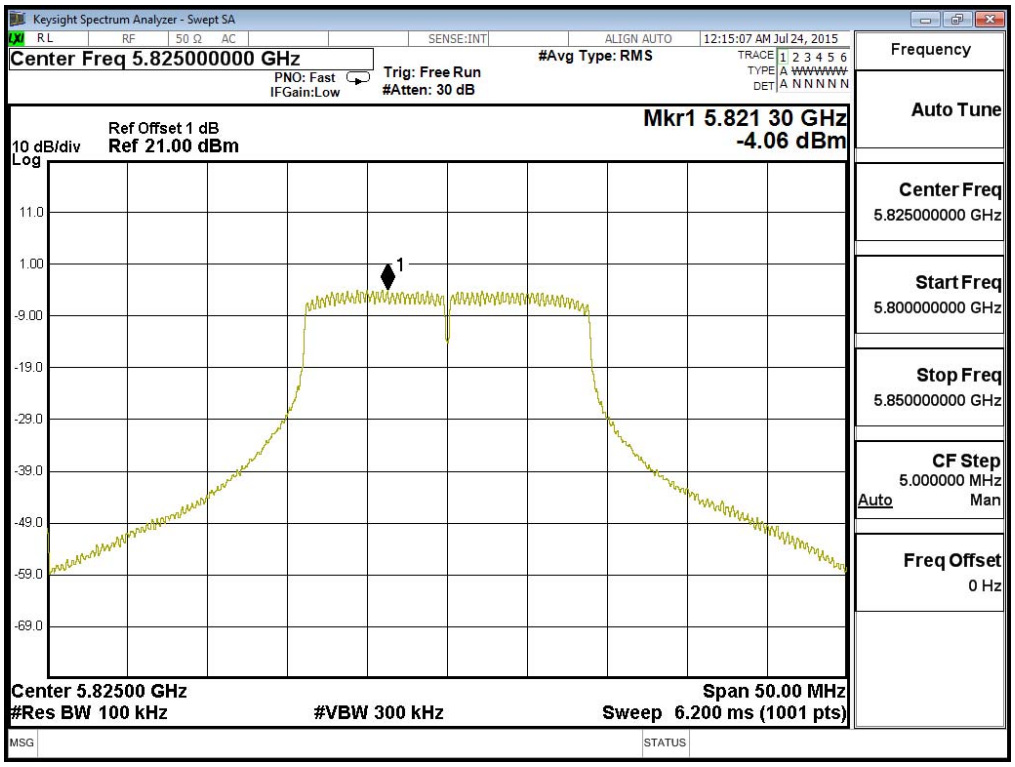
Channel 149 – Chain B



Channel 157 – Chain B



Channel 165 – Chain B



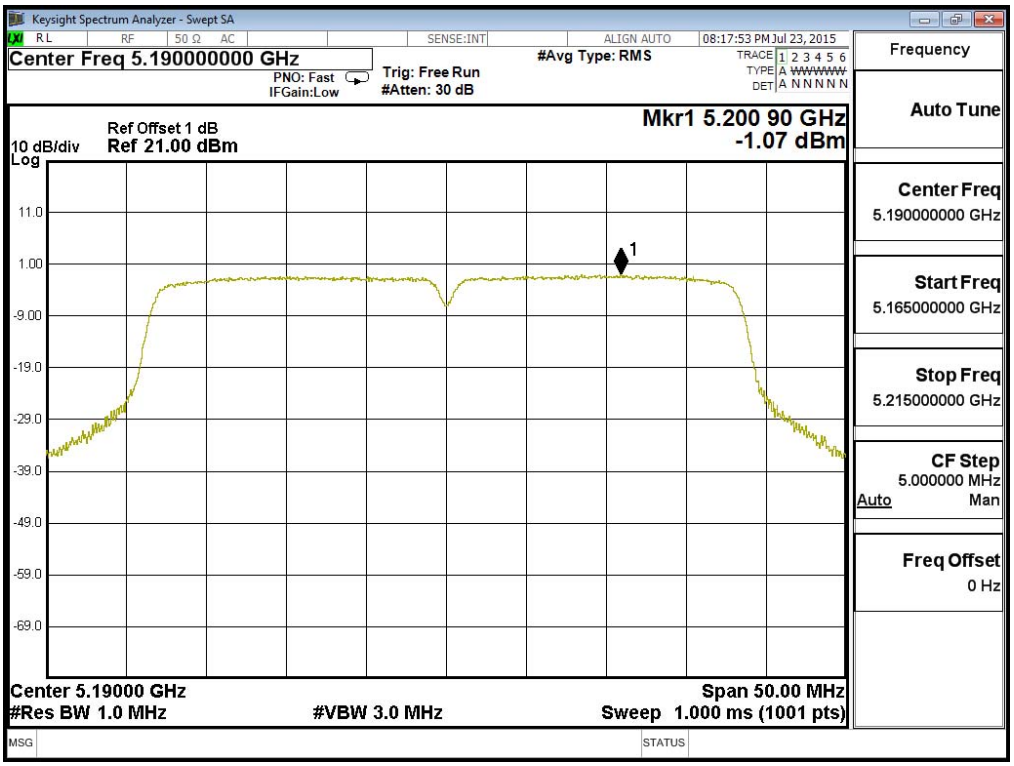
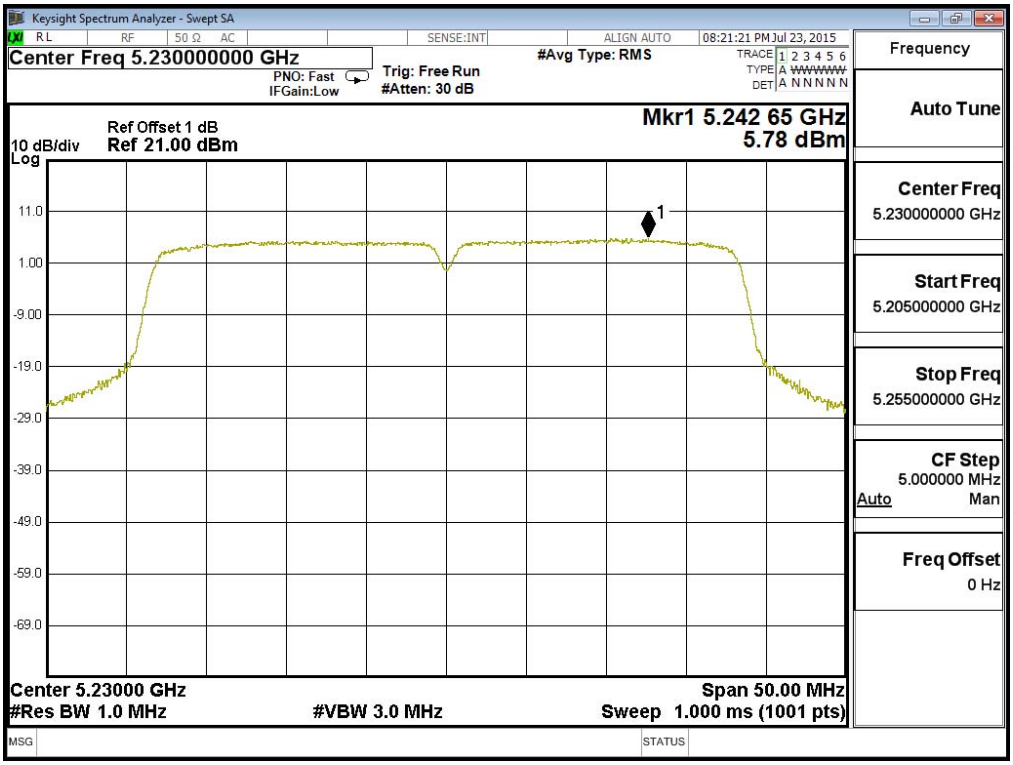
Product : MOXA IEEE 802.11 a/b/g/n
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PPSD (dBm)1	Required Limit (dBm)	Result
38	5190	A	-1.070	1.940	17	Pass
		B	0.020	3.030	17	Pass
46	5230	A	5.780	8.790	17	Pass
		B	6.200	9.210	17	Pass
54	5270	A	5.720	8.730	11	Pass
		B	5.410	8.420	11	Pass
62	5310	A	1.490	4.500	11	Pass
		B	1.030	4.040	11	Pass
102	5510	A	-0.060	2.950	11	Pass
		B	-1.290	1.720	11	Pass
110	5550	A	4.940	7.950	11	Pass
		B	4.460	7.470	11	Pass
134	5670	A	4.420	7.430	11	Pass
		B	3.060	6.070	11	Pass

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PPSD (dBm)1	Required Limit (dBm)	Result
151	5755	A	-6.660	6.980	3.330	<30	Pass
		B	-10.790	6.980	-0.800	<30	Pass
159	5795	A	-1.860	6.980	8.130	<30	Pass
		B	-6.190	6.980	3.800	<30	Pass

Note 1: The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 38 – Chain A



Channel 46 – Chain A