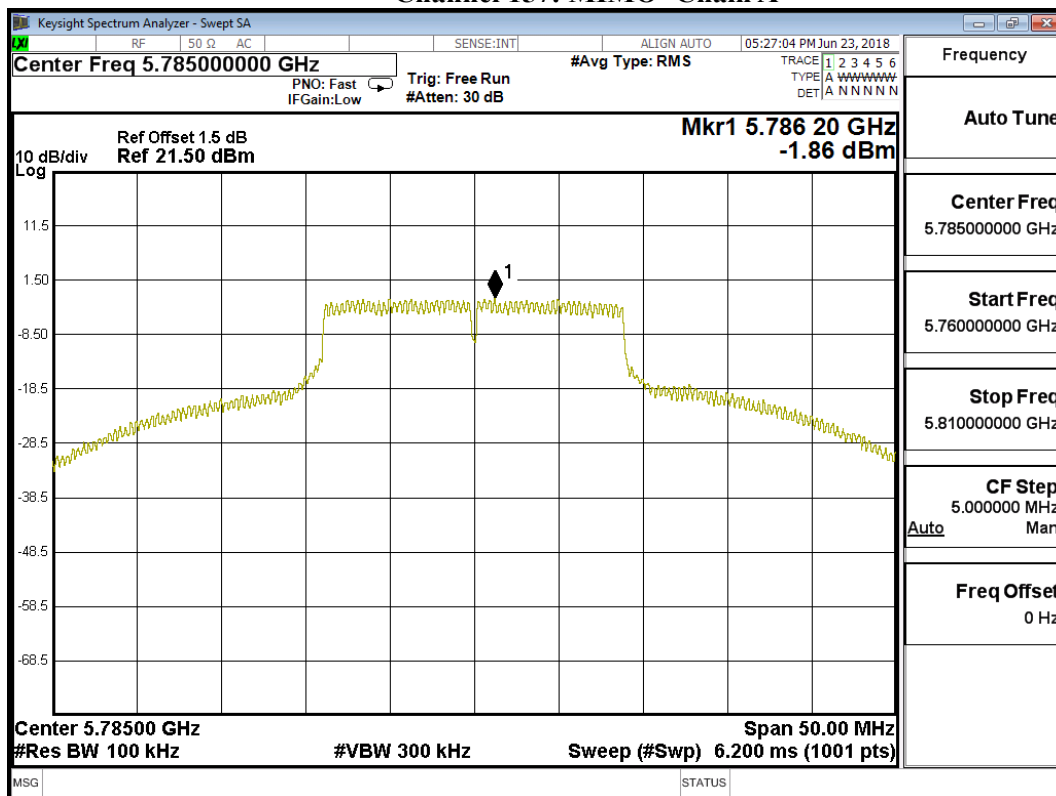
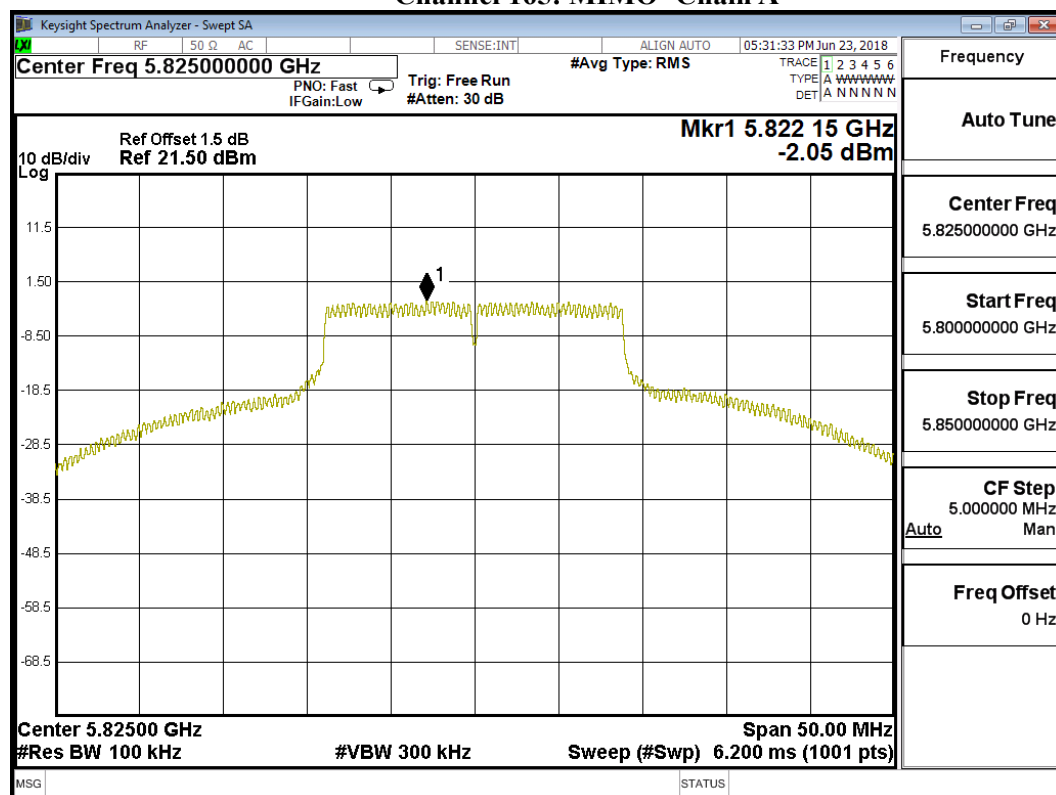


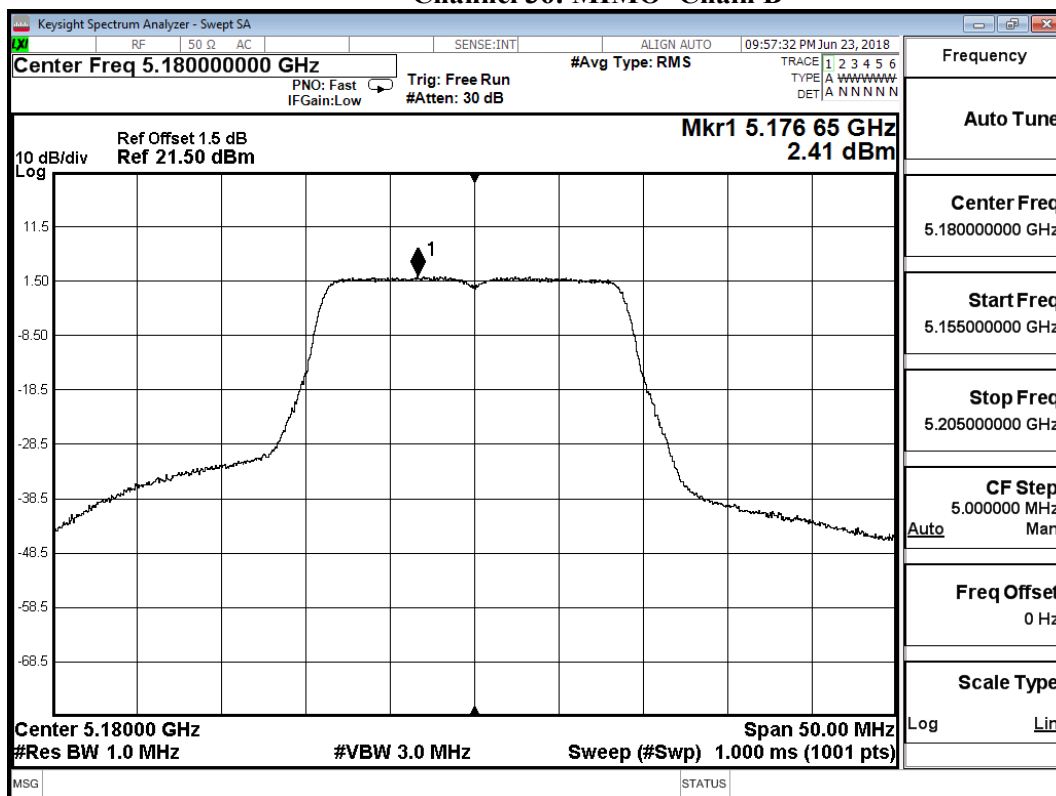
Channel 157: MIMO- Chain A



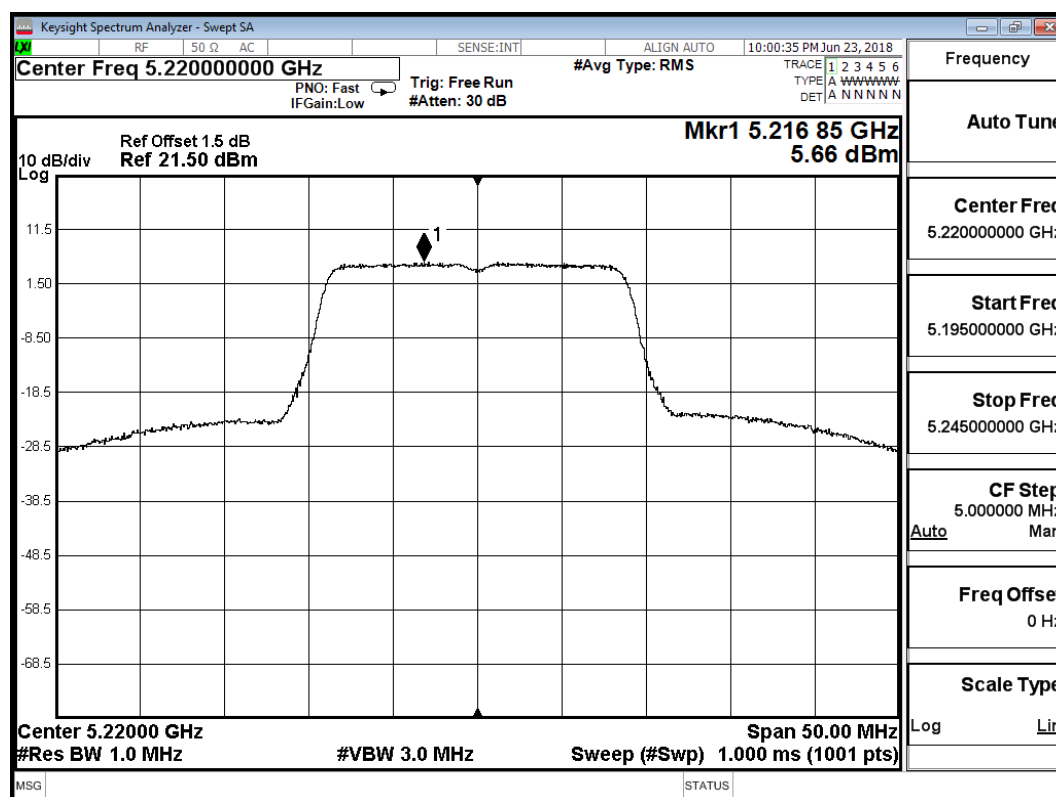
Channel 165: MIMO- Chain A



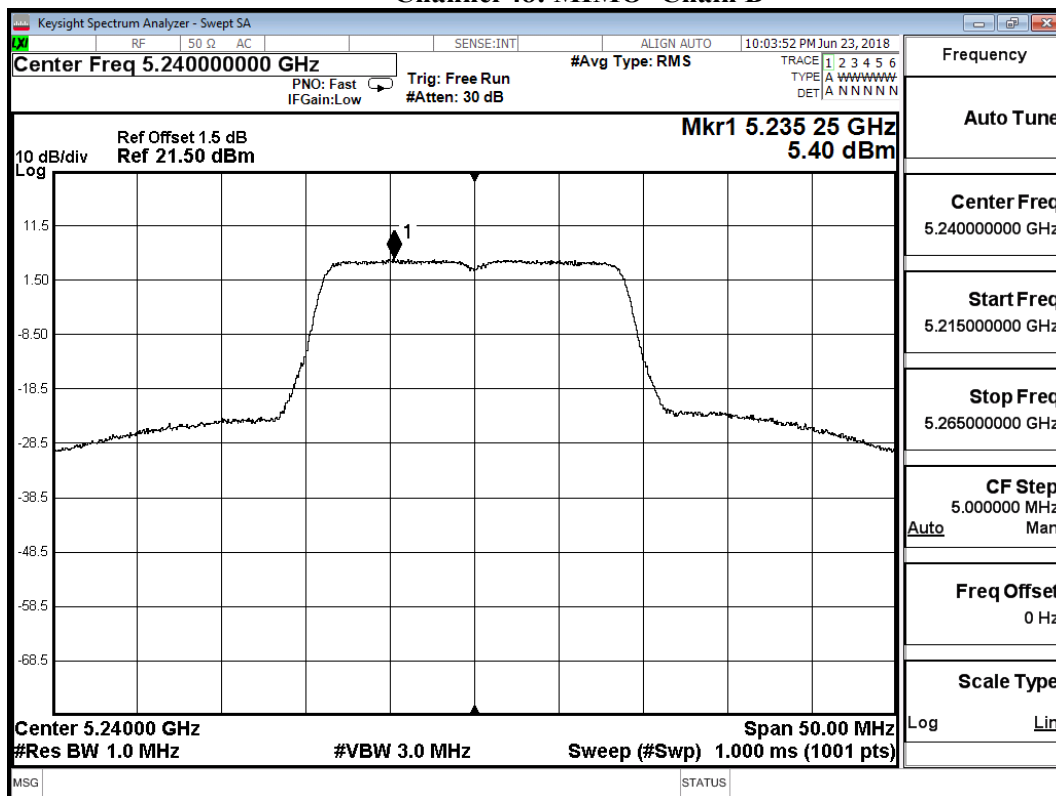
Channel 36: MIMO- Chain B



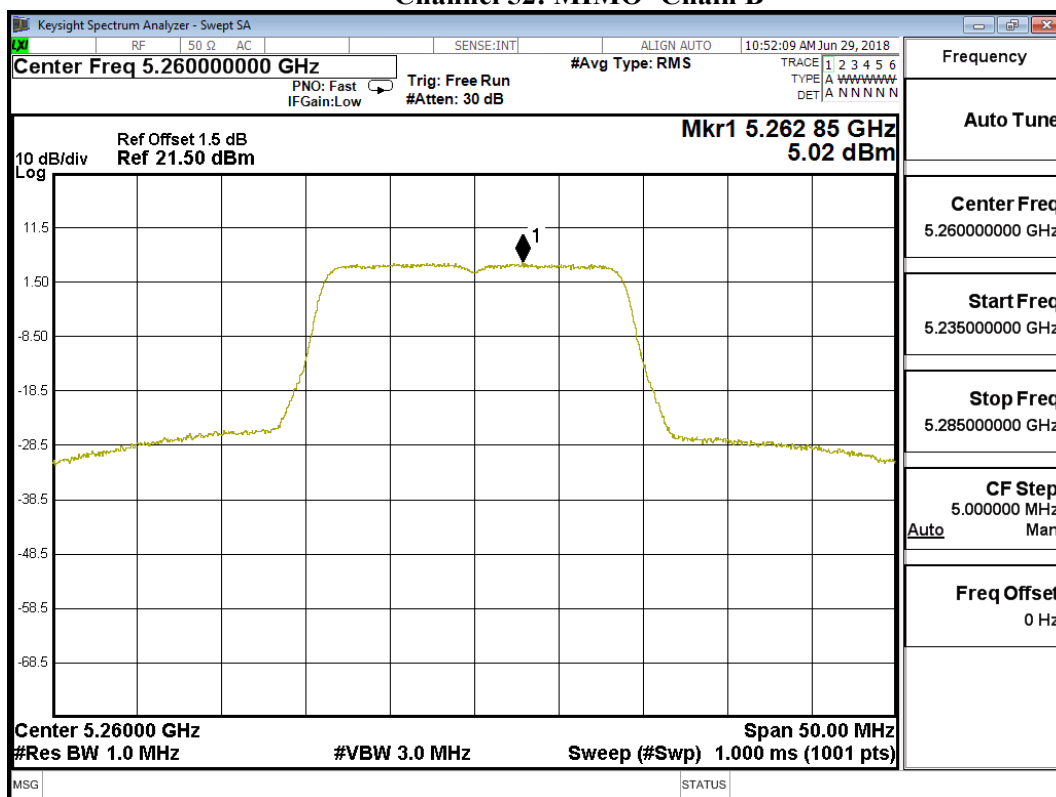
Channel 44: MIMO- Chain B



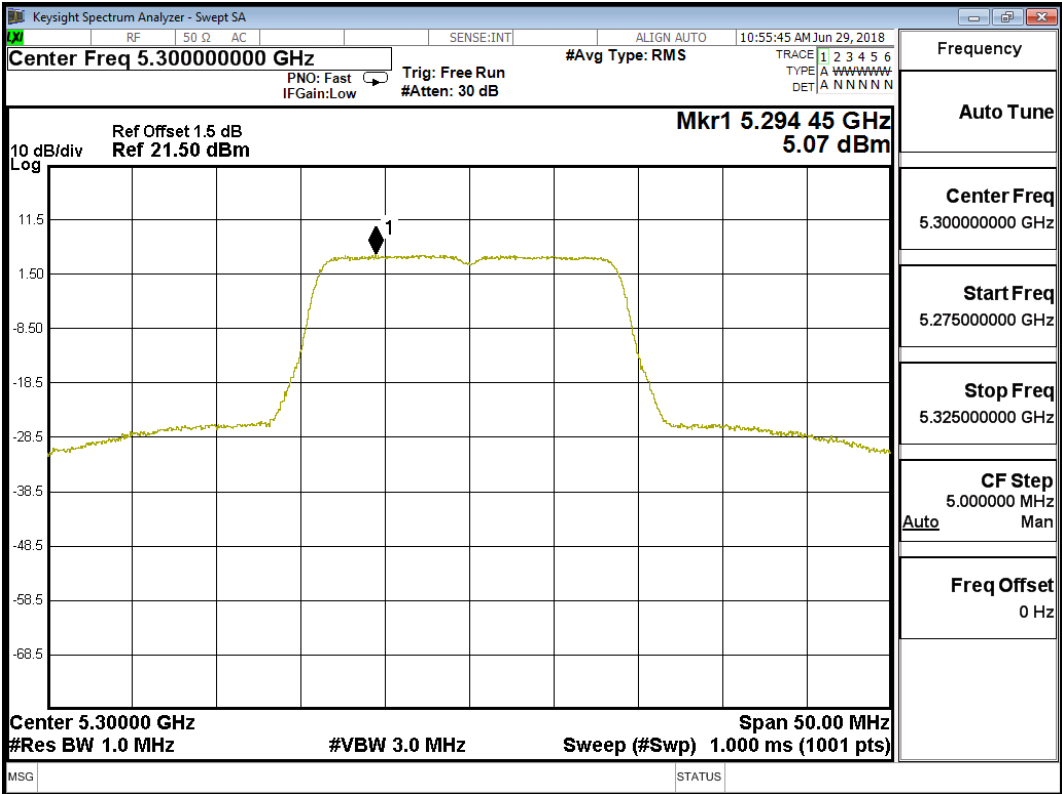
Channel 48: MIMO- Chain B



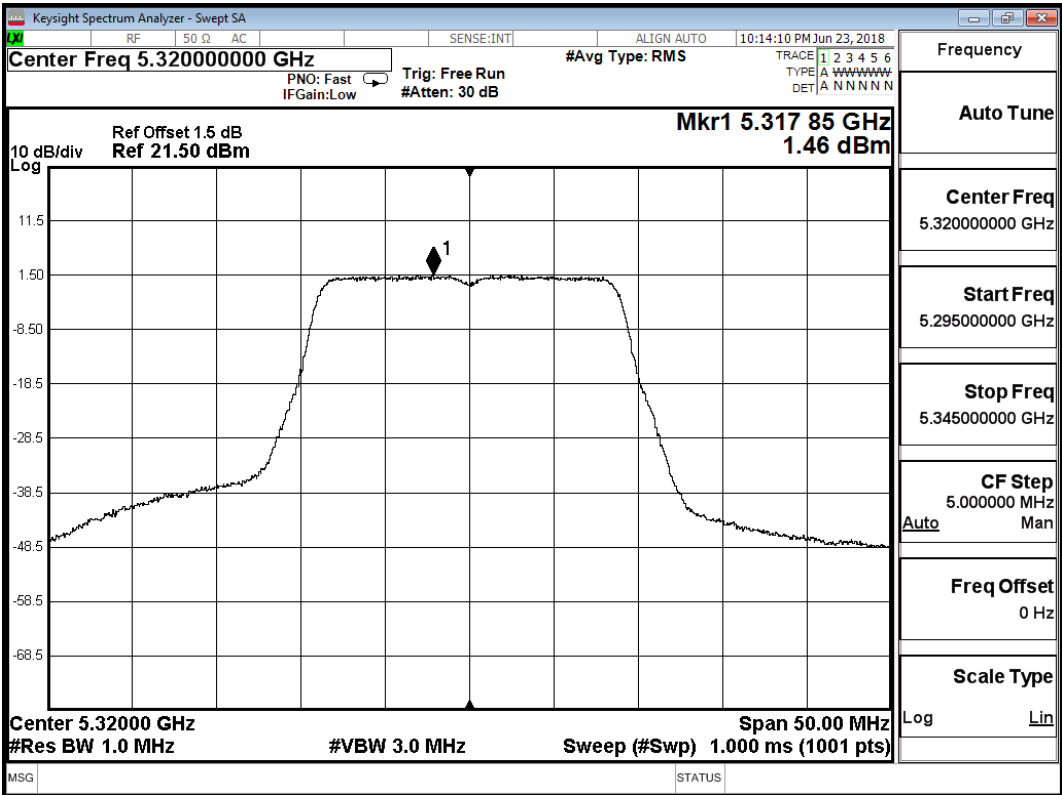
Channel 52: MIMO- Chain B



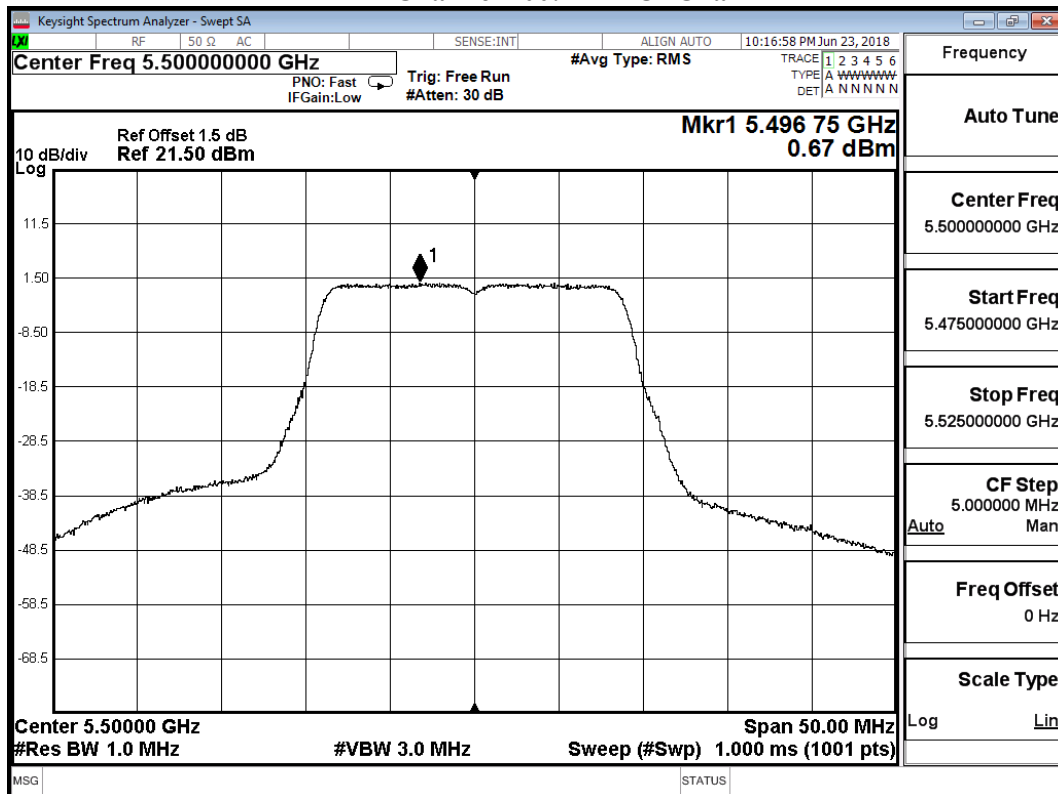
Channel 60: MIMO- Chain B



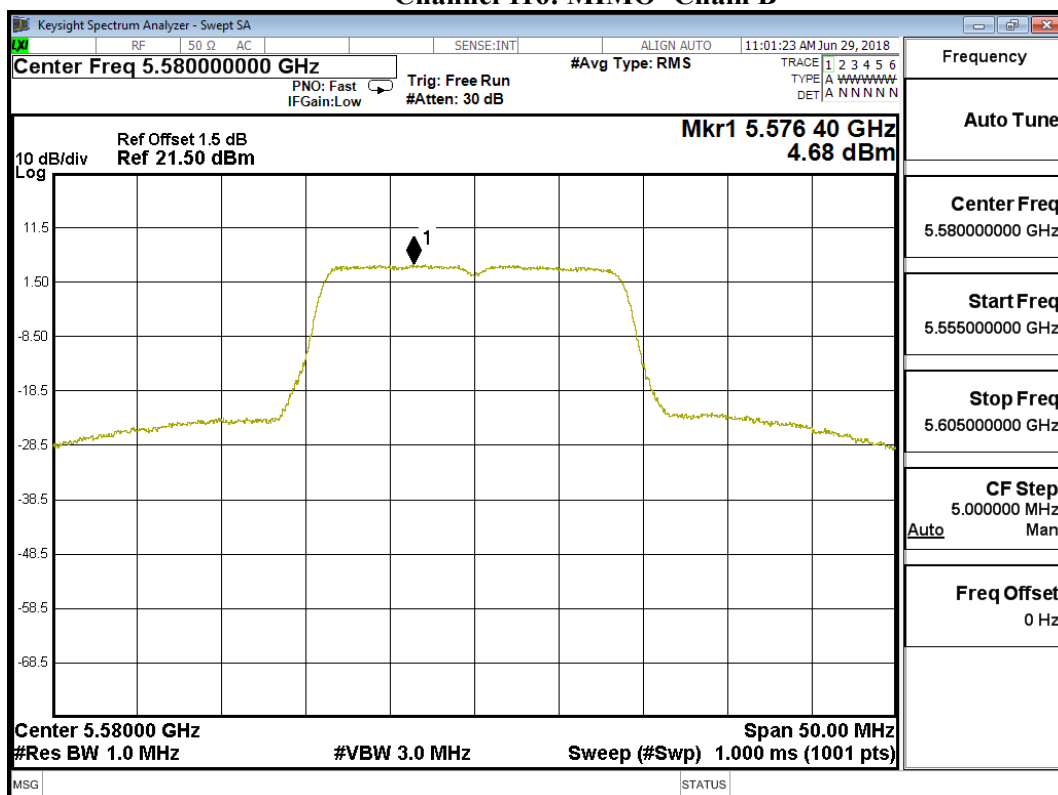
Channel 64: MIMO- Chain B



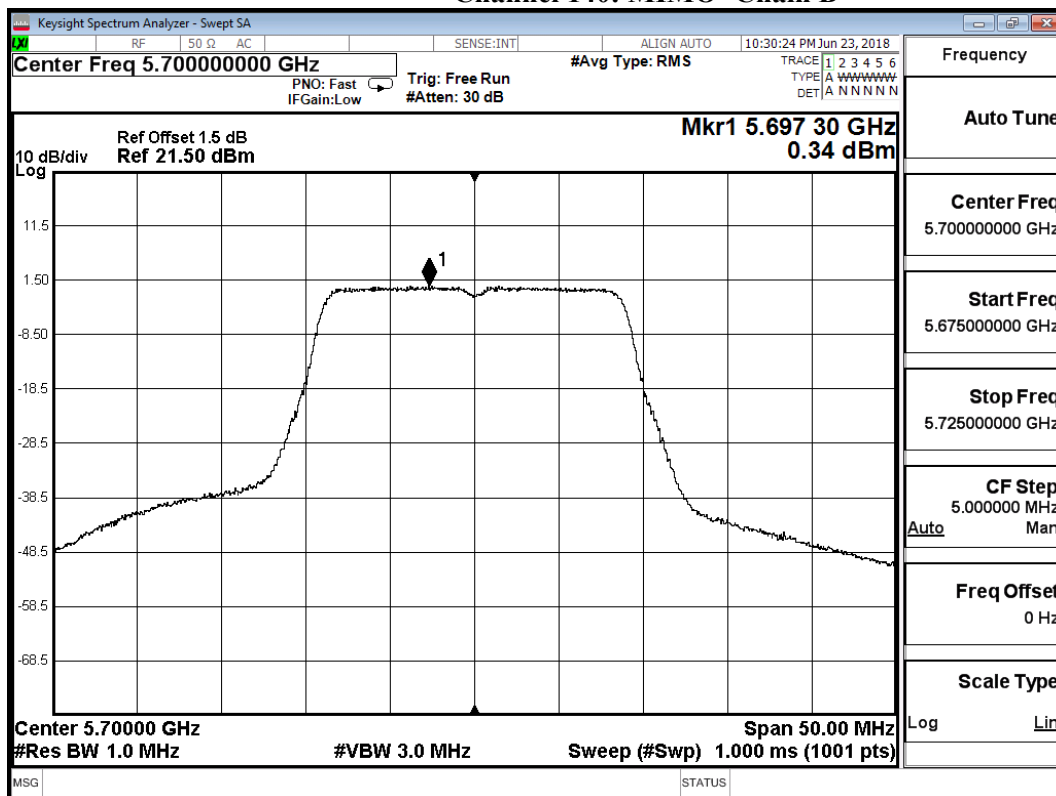
Channel 100: MIMO- Chain B



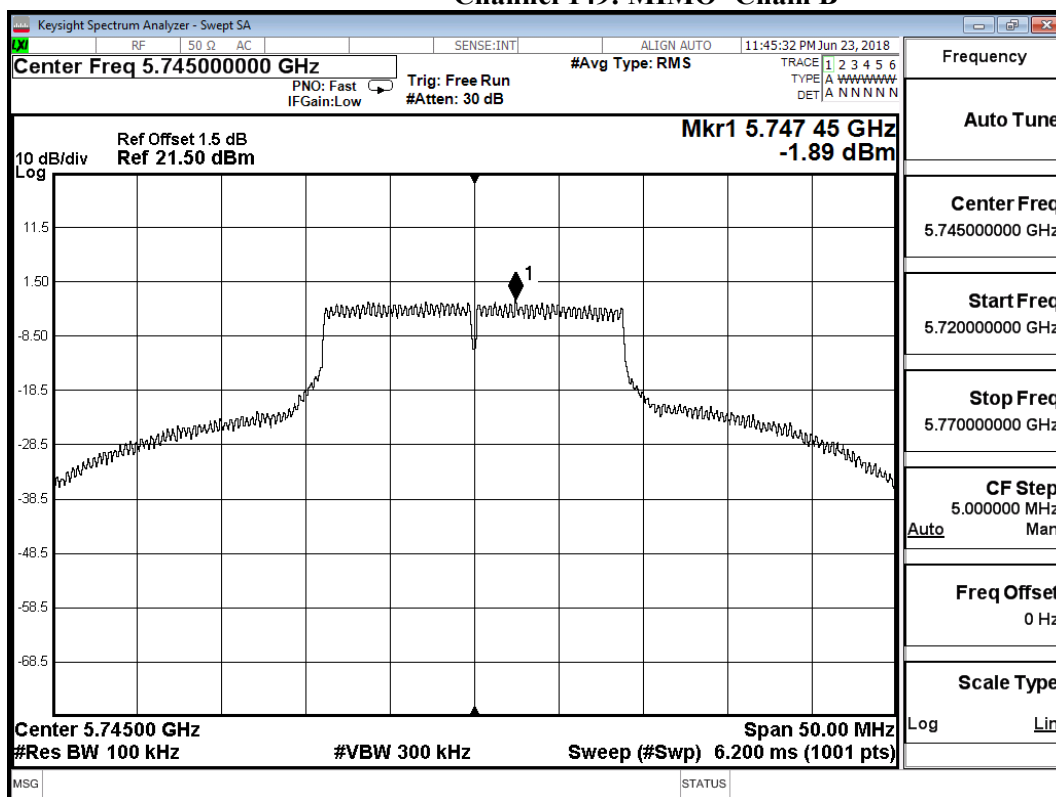
Channel 116: MIMO- Chain B



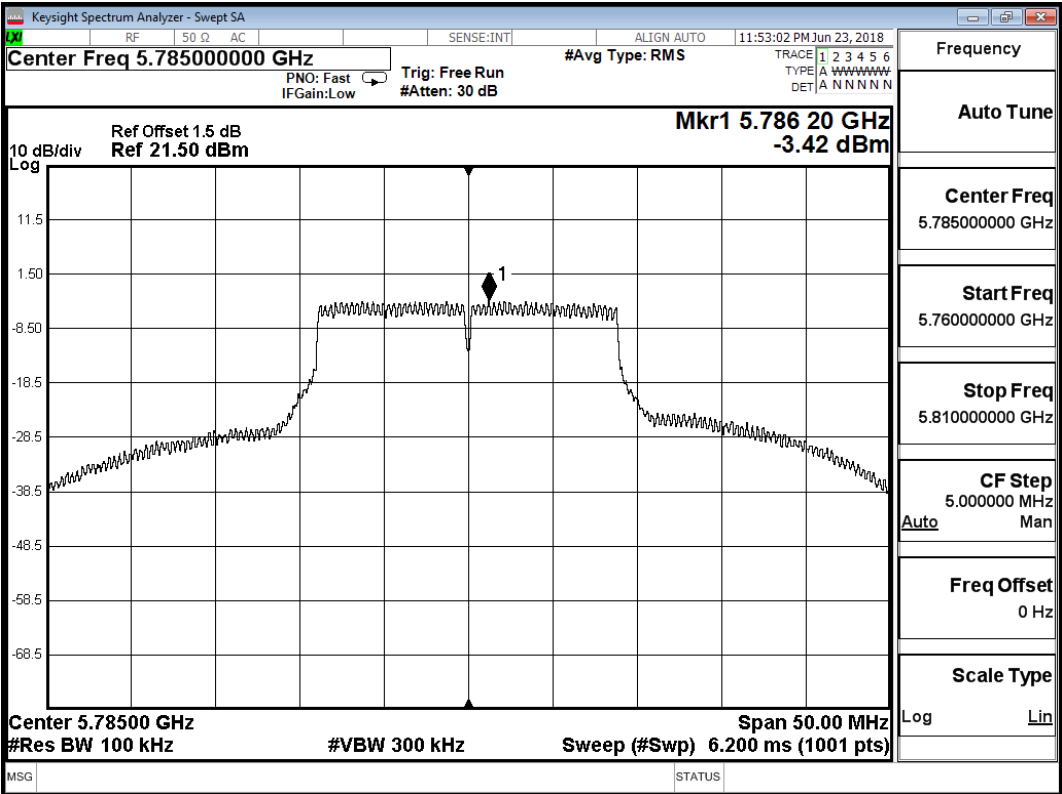
Channel 140: MIMO- Chain B



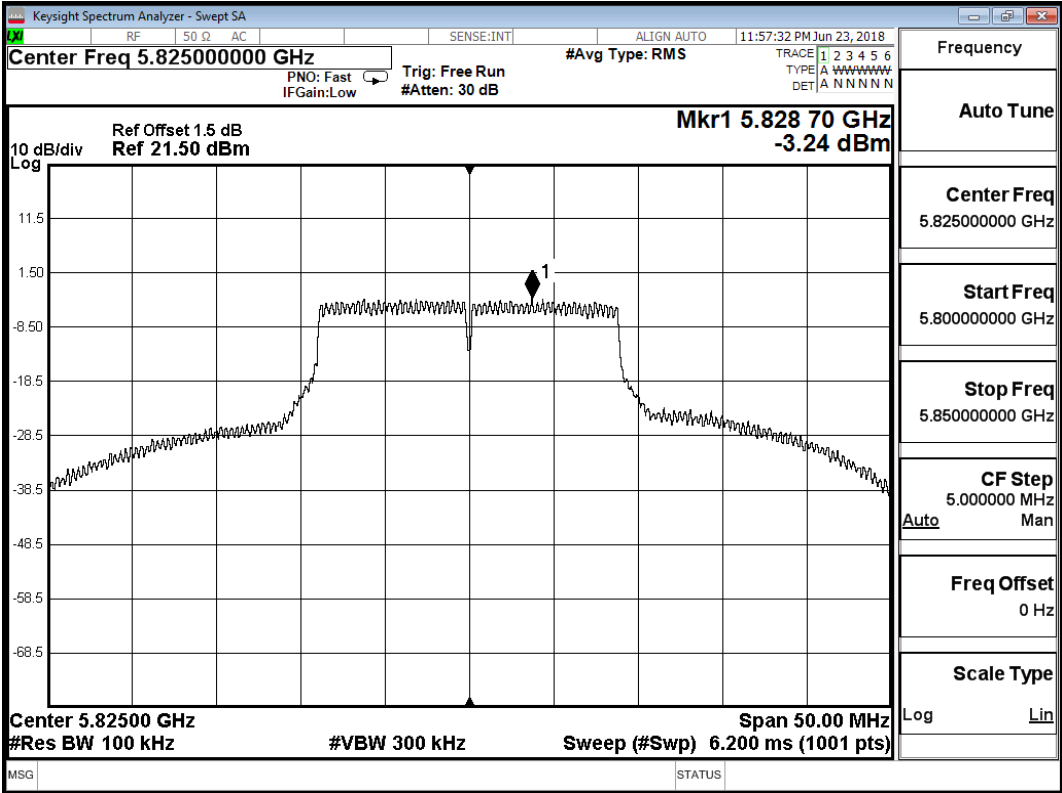
Channel 149: MIMO- Chain B



Channel 157: MIMO- Chain B



Channel 165: MIMO- Chain B



待測物名稱：Wireless Access point

待測物型號：ATOM AP30

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 06 月 25 日

測試項目：峰值功率頻譜密度

測試模式：Mode 1: 發射器 802.11n-40BW

視頻頻寬：1MHz

環境溫度：21 °C

環境濕度：53 %

SISO- Chain A:

Channel Number	Frequency (MHz)	Data Rate (Mbps)	Measurement Level (dBm)	Required Limit (dBm)	Result
38	5190	15	-0.160	17	Pass
46	5230	15	2.560	17	Pass
54	5270	15	3.750	11	Pass
62	5310	15	0.230	11	Pass
102	5510	15	-2.220	11	Pass
110	5550	15	4.840	11	Pass
134	5670	15	-0.530	11	Pass

SISO- Chain B:

Channel Number	Frequency (MHz)	Data Rate (Mbps)	Measurement Level (dBm)	Required Limit (dBm)	Result
38	5190	15	-1.110	17	Pass
46	5230	15	2.840	17	Pass
54	5270	15	4.050	11	Pass
62	5310	15	1.270	11	Pass
102	5510	15	-1.050	11	Pass
110	5550	15	4.610	11	Pass
134	5670	15	-0.480	11	Pass

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
151	5755	A	-4.260	6.980	2.720	<30	Pass
		B	-4.620	6.980	2.360	<30	Pass
159	5795	A	-4.590	6.980	2.390	<30	Pass
		B	-4.670	6.980	2.310	<30	Pass

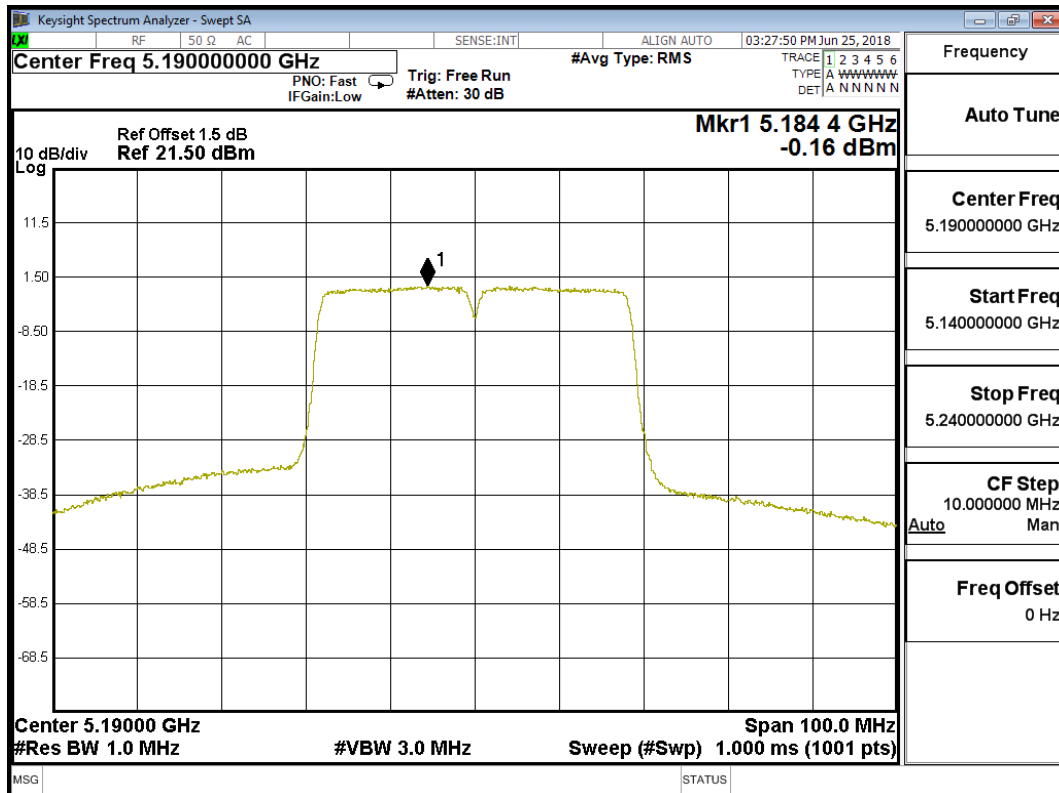
MIMO:

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
38	5190	A	-1.760	1.250	14.6	Pass
		B	-2.440	0.570	14.6	Pass
46	5230	A	1.960	4.970	14.6	Pass
		B	1.140	4.150	14.6	Pass
54	5270	A	3.310	6.320	14.6	Pass
		B	3.450	6.460	14.6	Pass
62	5310	A	-1.220	1.790	8.6	Pass
		B	-1.220	1.790	8.6	Pass
102	5510	A	-3.290	-0.280	8.6	Pass
		B	-3.680	-0.670	8.6	Pass
110	5550	A	4.350	7.360	8.6	Pass
		B	3.600	6.610	8.6	Pass
134	5670	A	-0.690	2.320	8.9	Pass
		B	-1.050	1.960	8.9	Pass

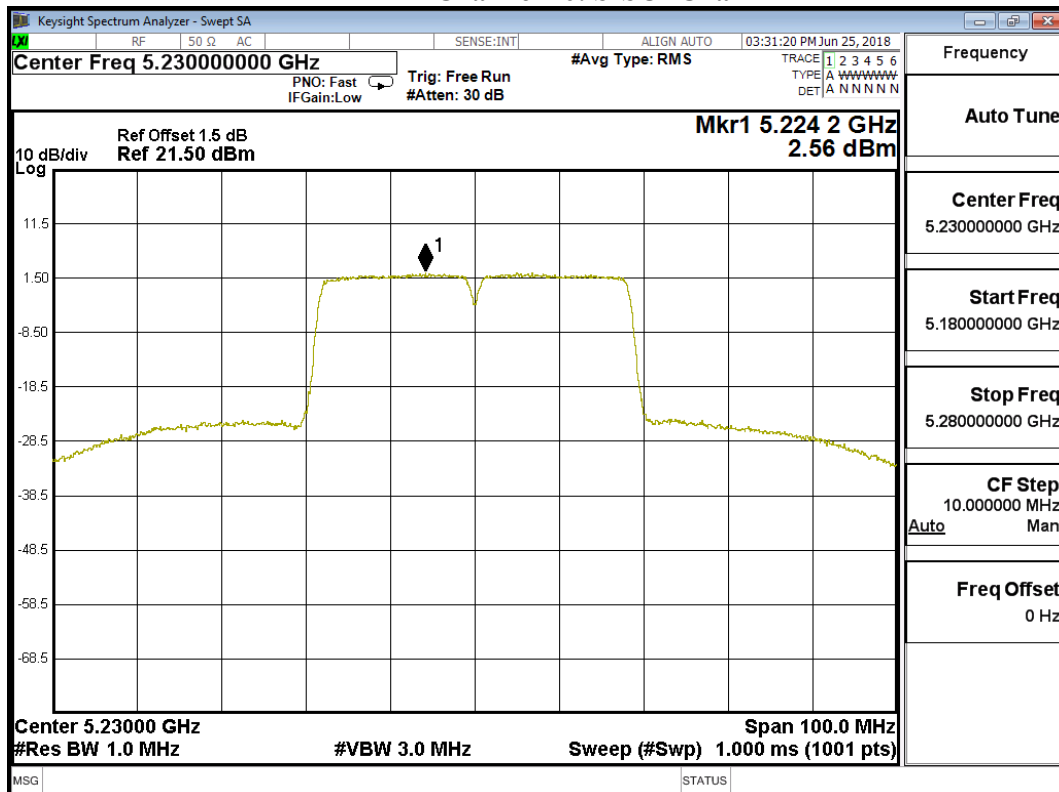
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
151	5755	A	-5.270	6.980	4.720	<28.3	Pass
		B	-5.900	6.980	4.090	<28.3	Pass
159	5795	A	-5.380	6.980	4.610	<28.3	Pass
		B	-6.050	6.980	3.940	<28.3	Pass

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

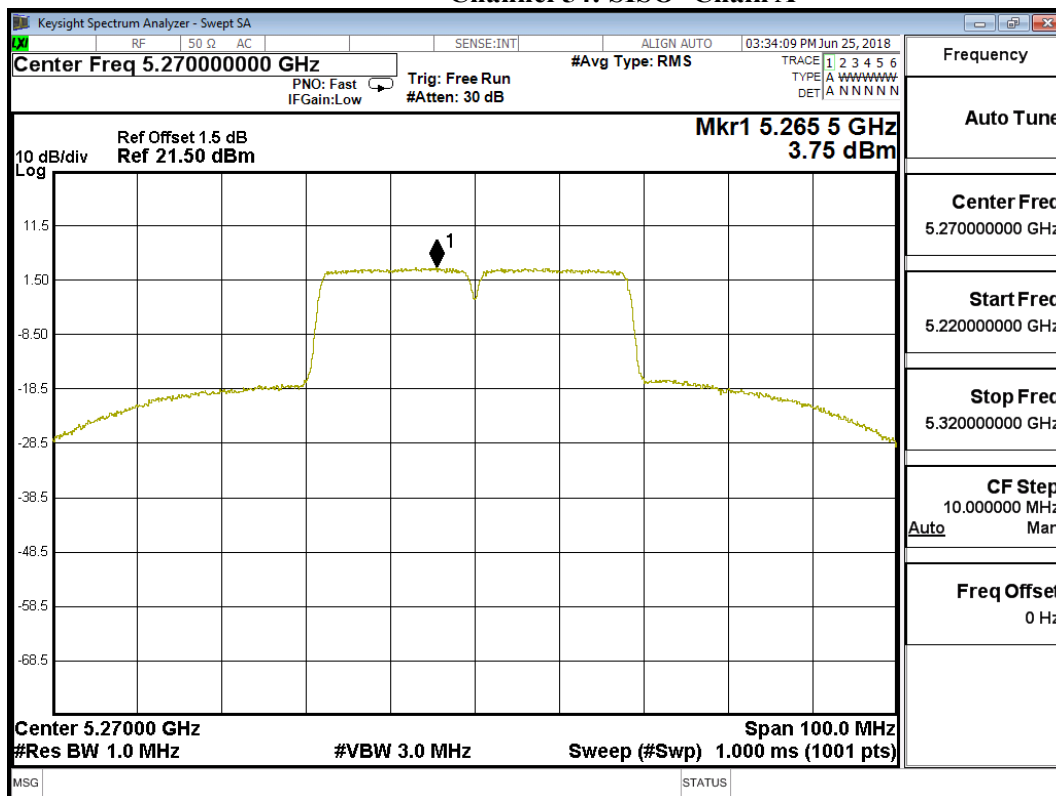
Channel 38: SISO- Chain A



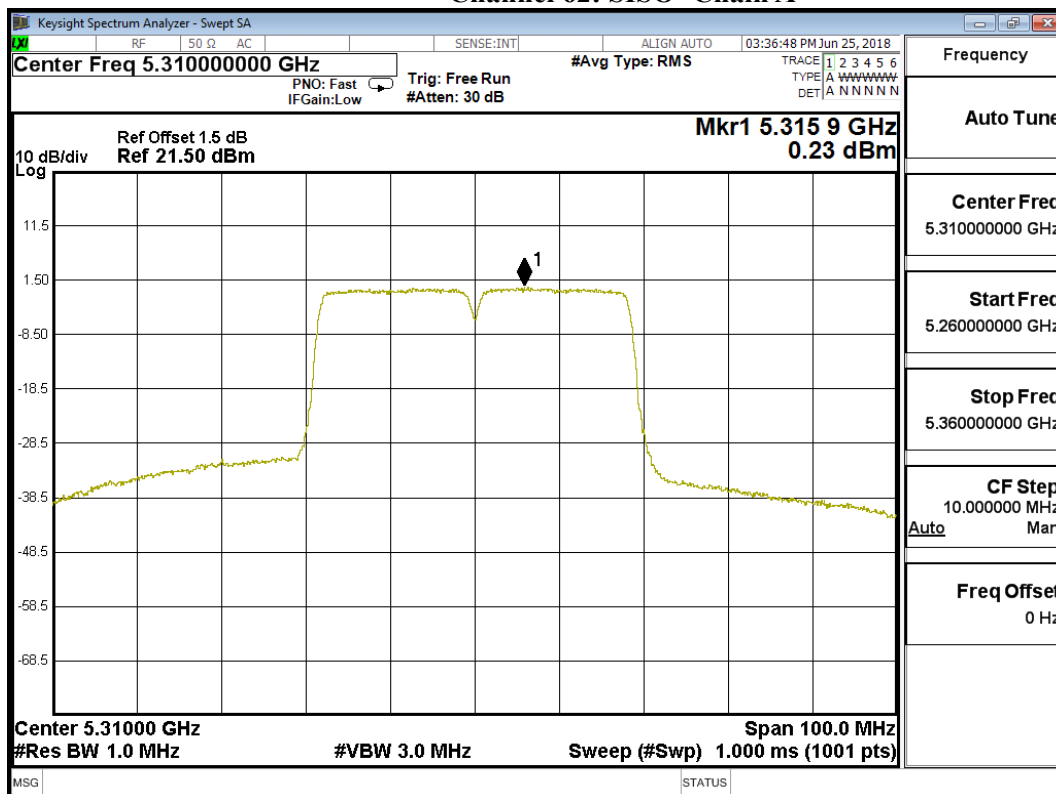
Channel 46: SISO- Chain A



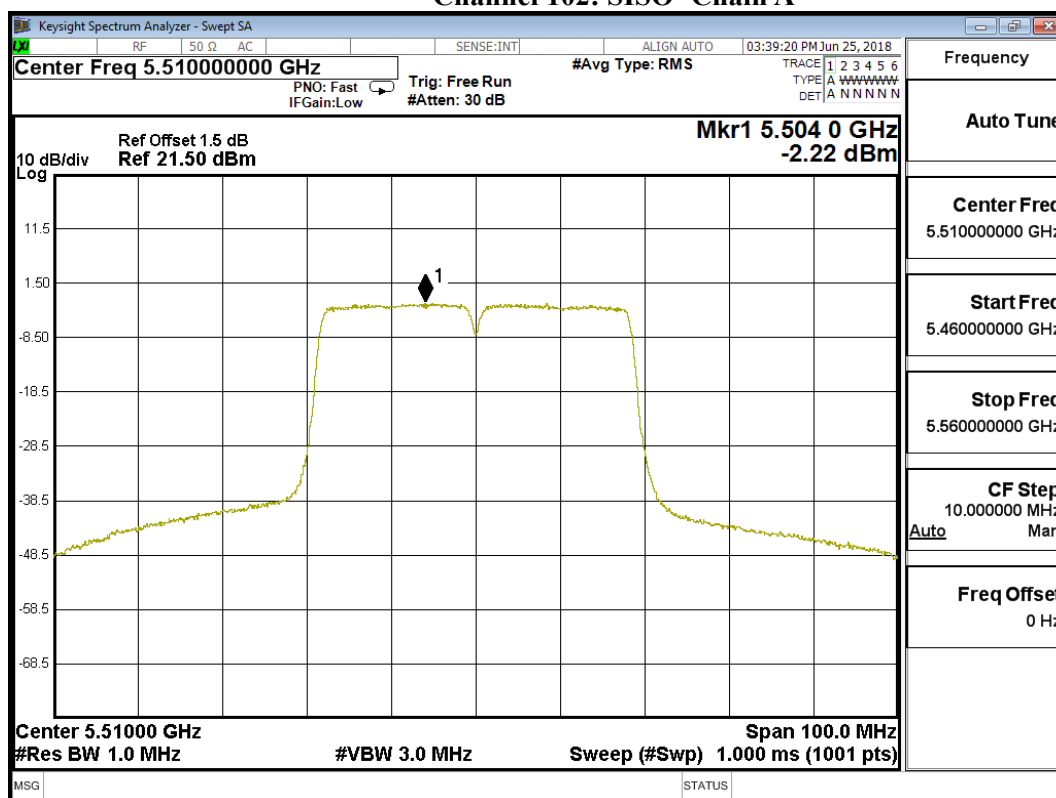
Channel 54: SISO- Chain A



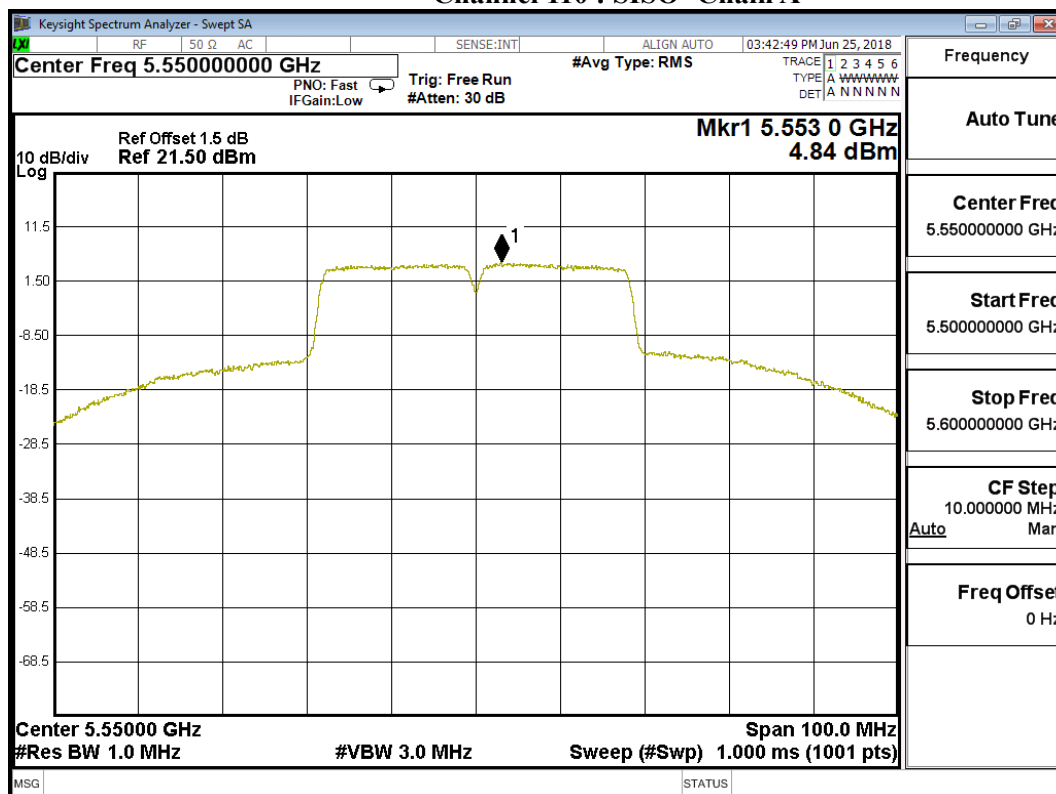
Channel 62: SISO- Chain A



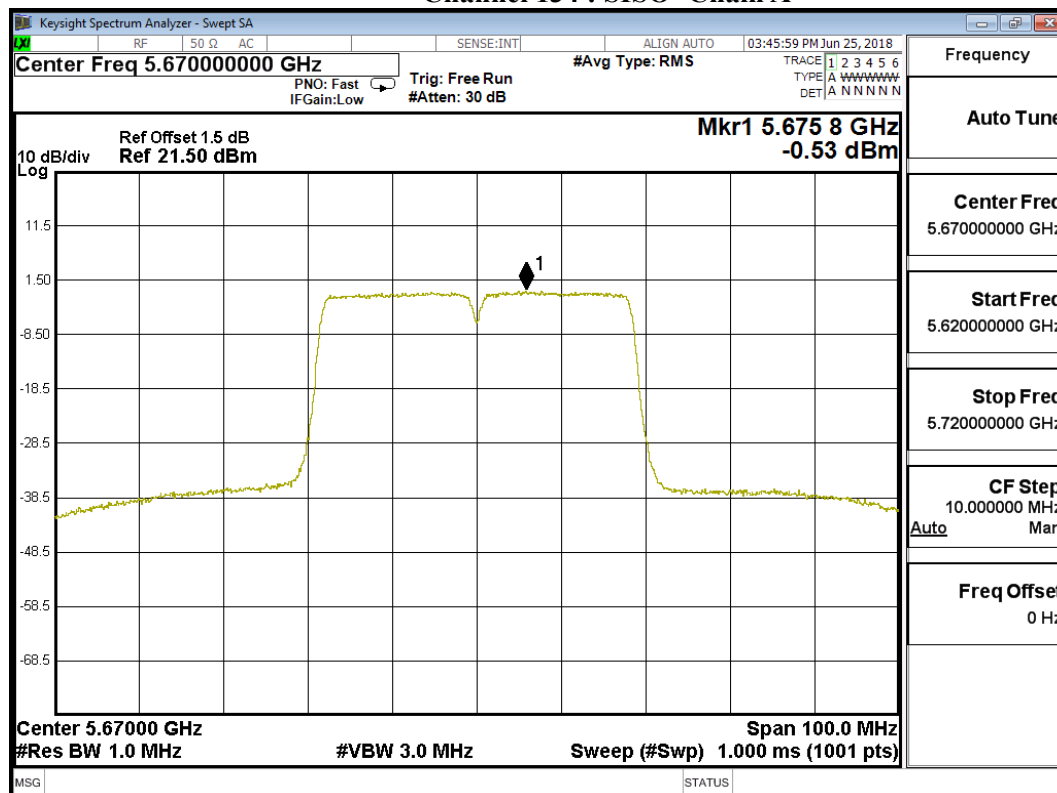
Channel 102: SISO- Chain A



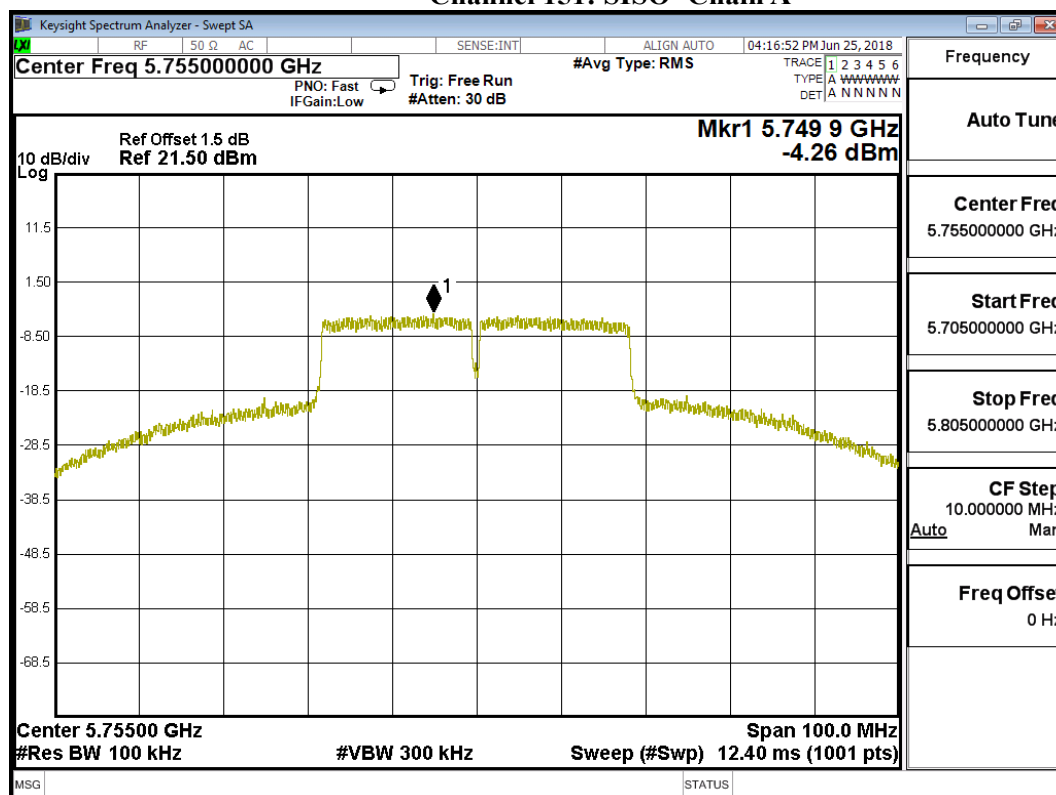
Channel 110 : SISO- Chain A



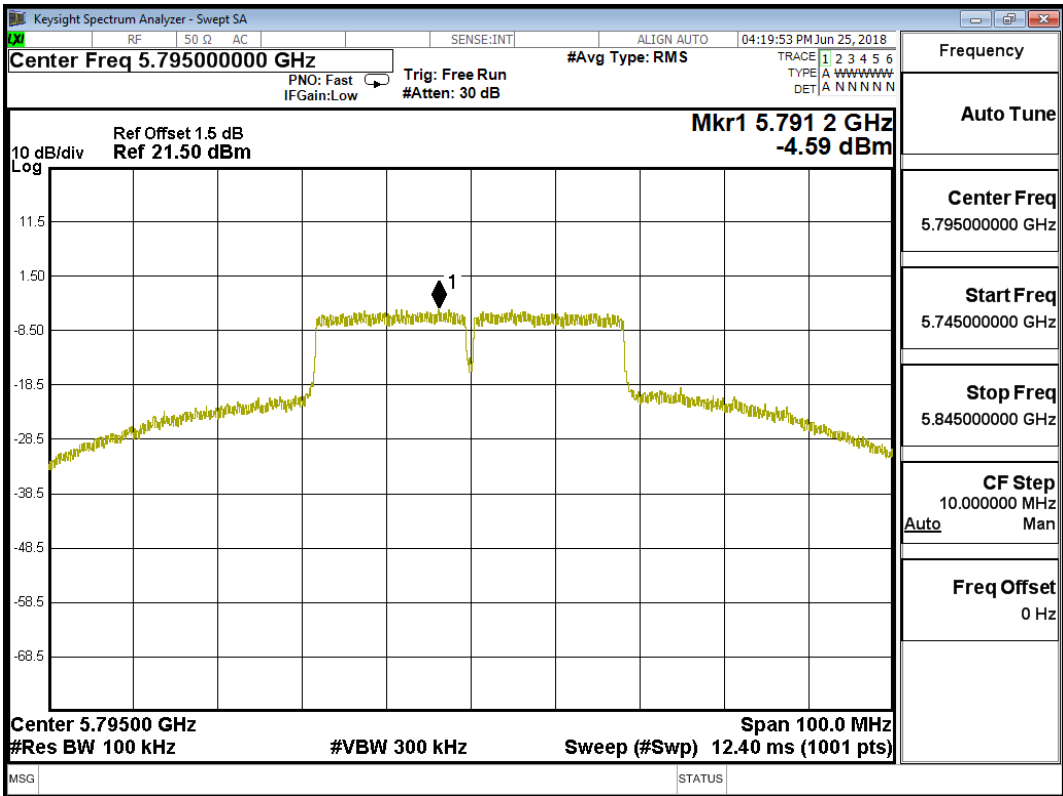
Channel 134 : SISO- Chain A



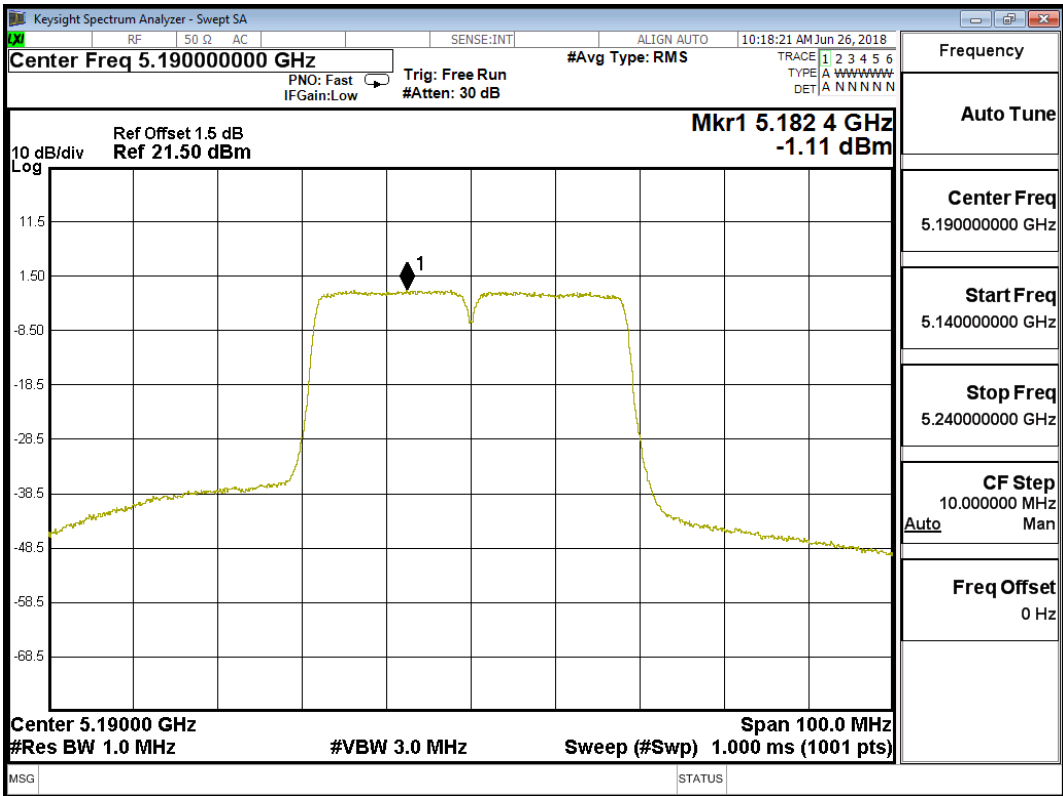
Channel 151: SISO- Chain A



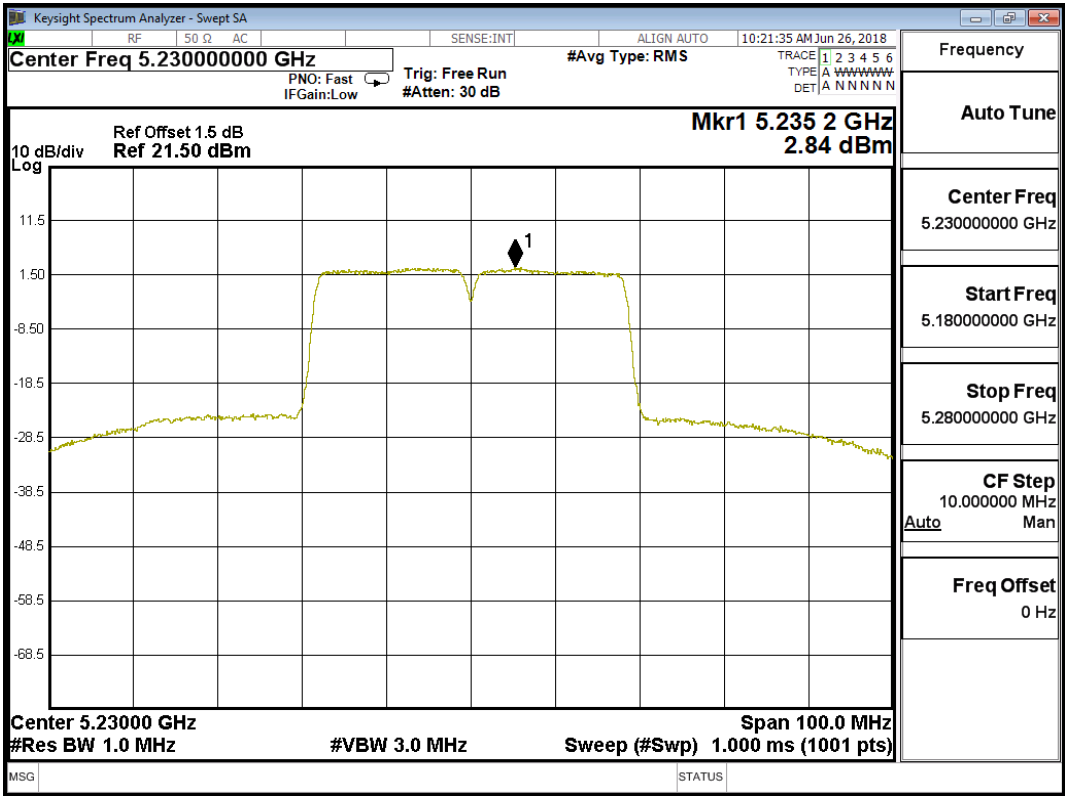
Channel 159: SISO- Chain A



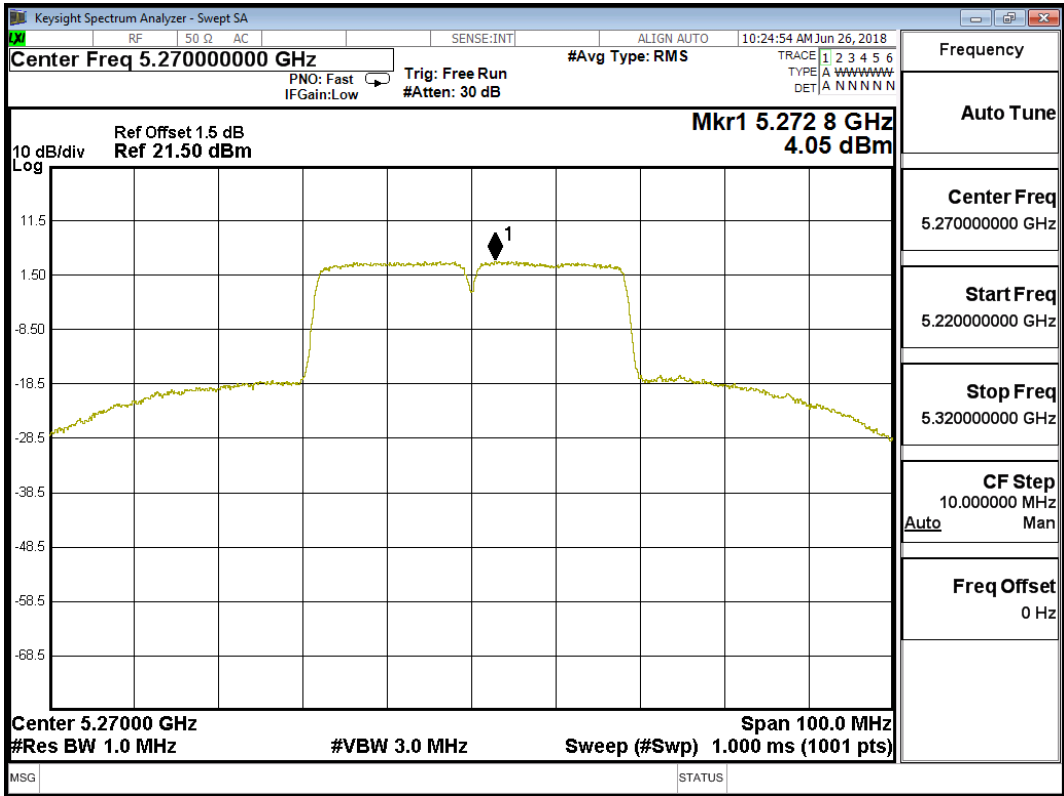
Channel 38: SISO- Chain B



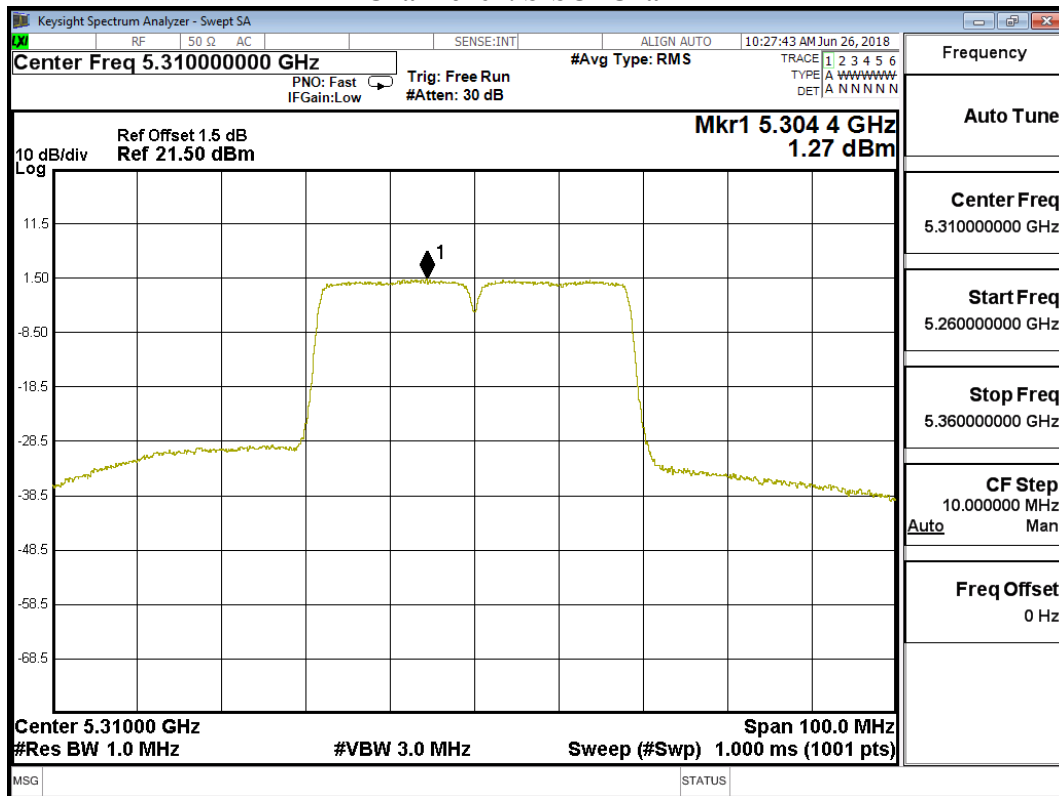
Channel 46: SISO- Chain B



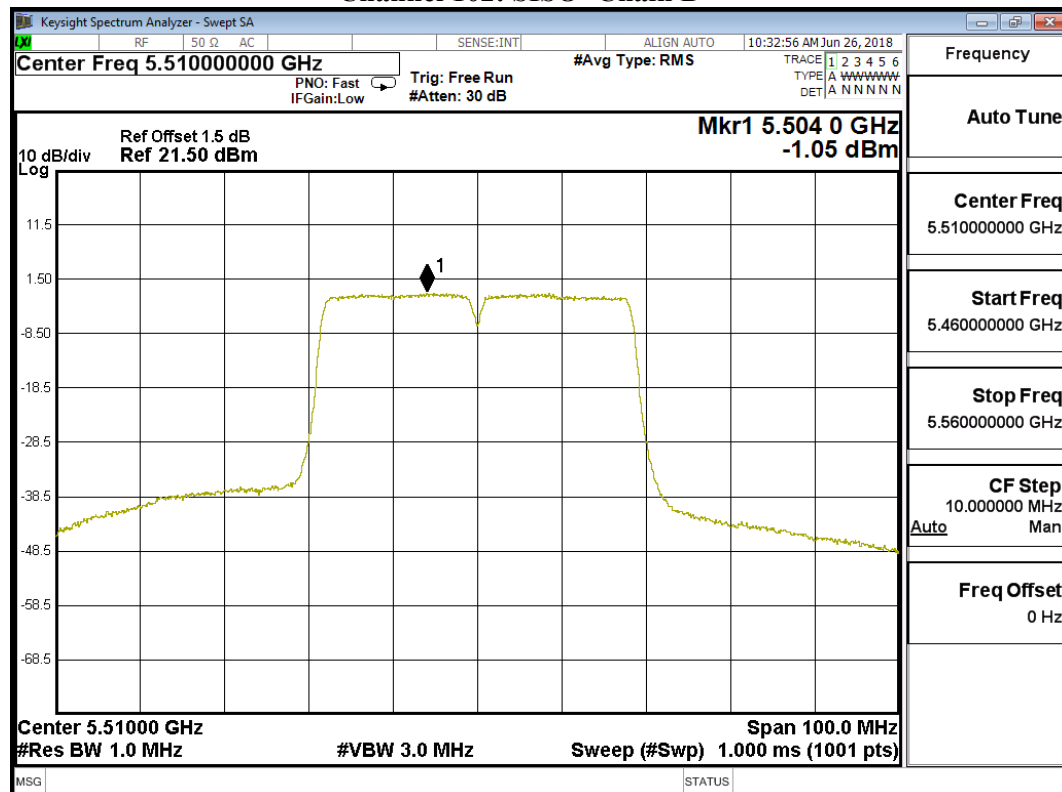
Channel 54: SISO- Chain B



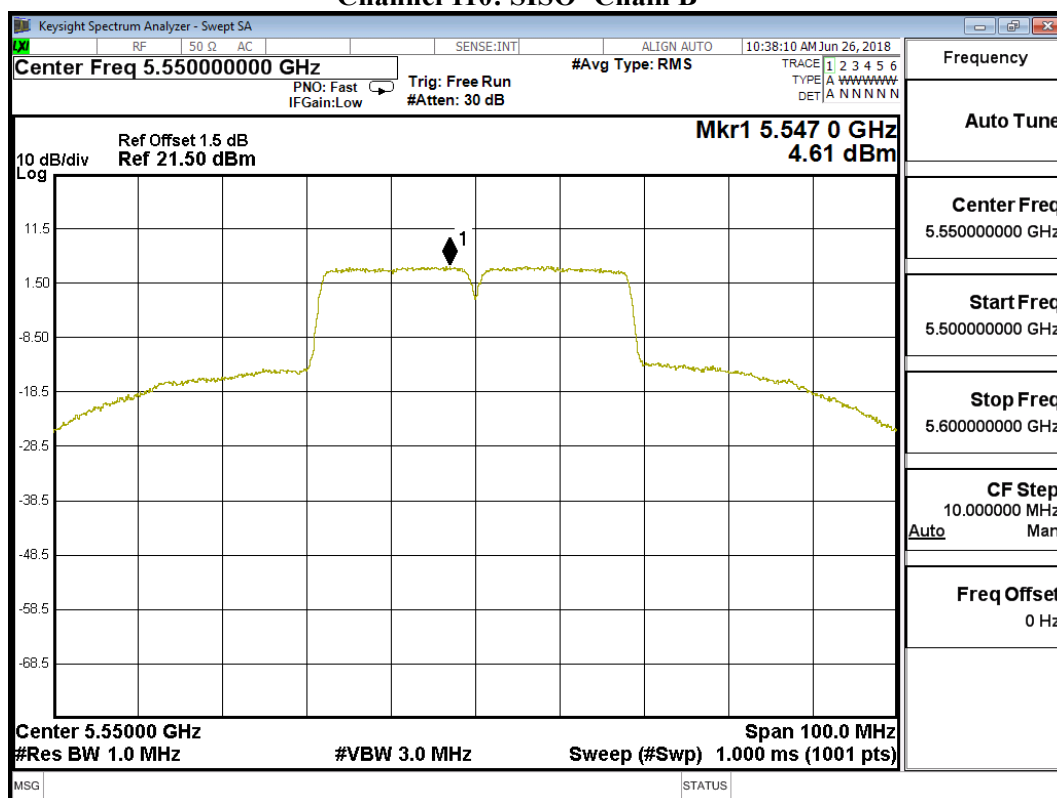
Channel 62: SISO- Chain B



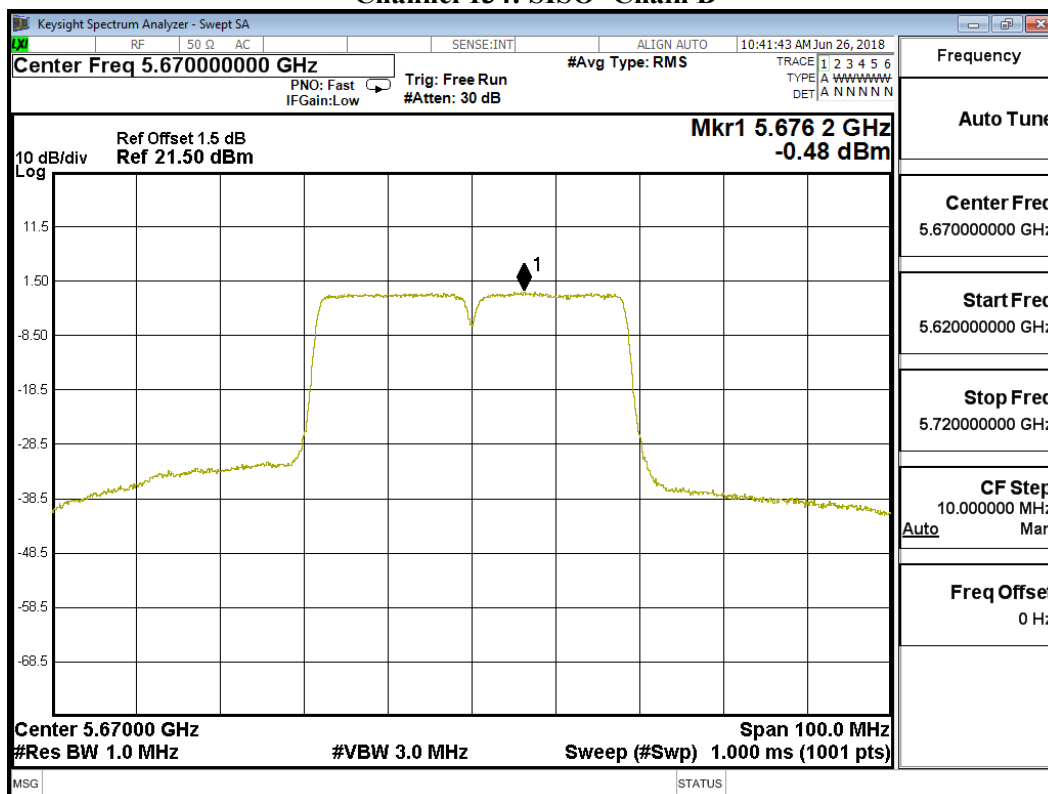
Channel 102: SISO- Chain B



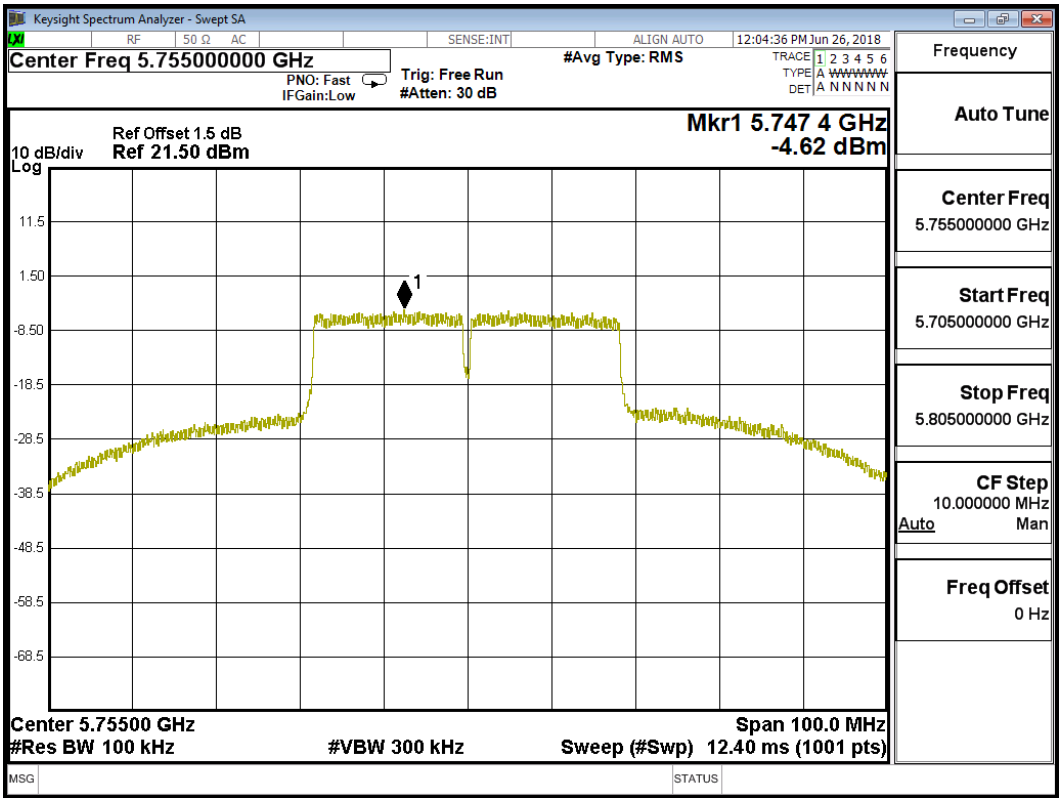
Channel 110: SISO- Chain B



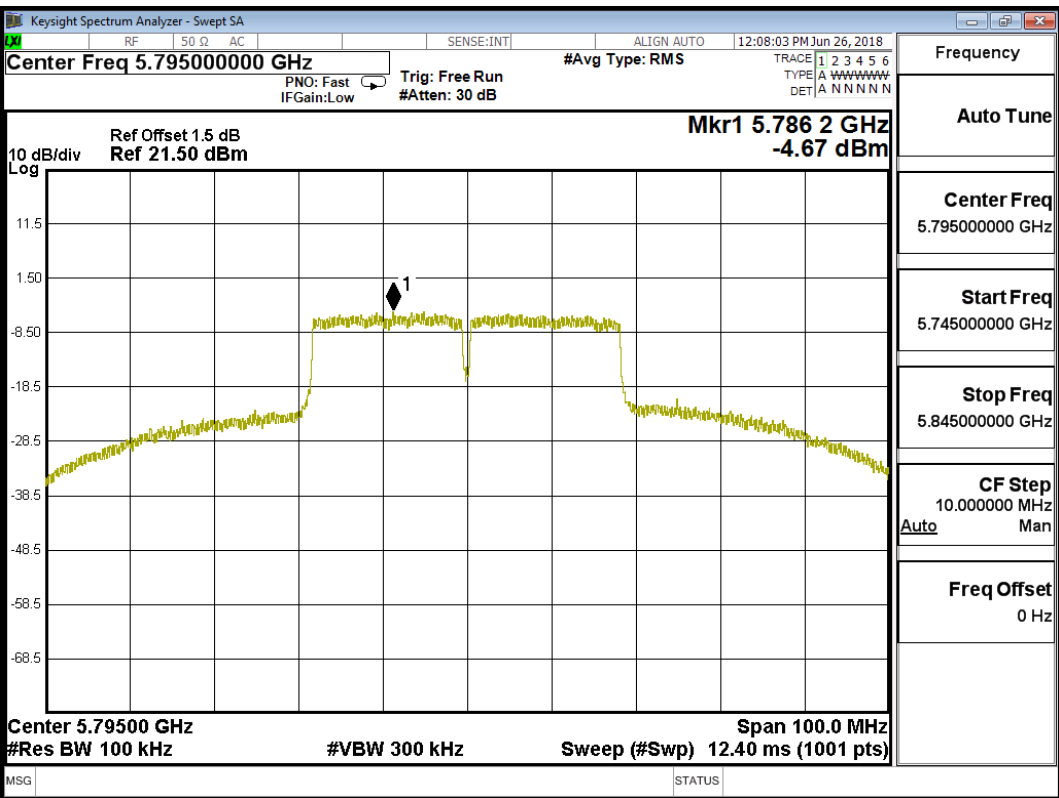
Channel 134: SISO- Chain B



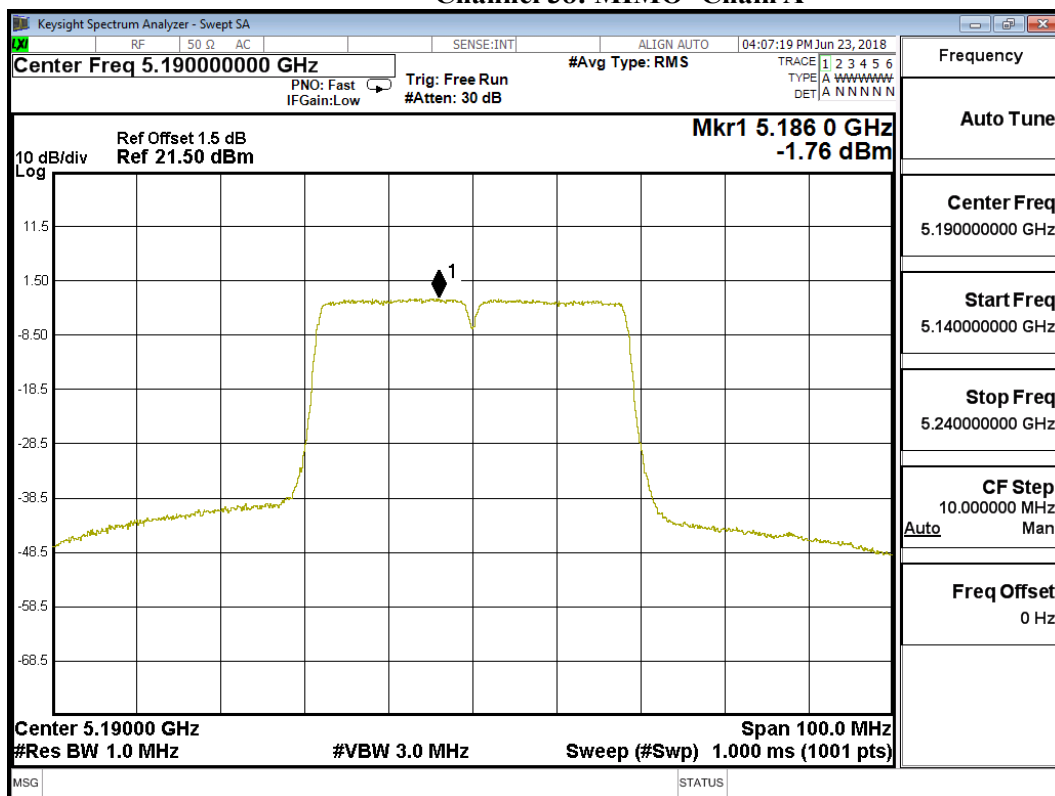
Channel 151: SISO- Chain B



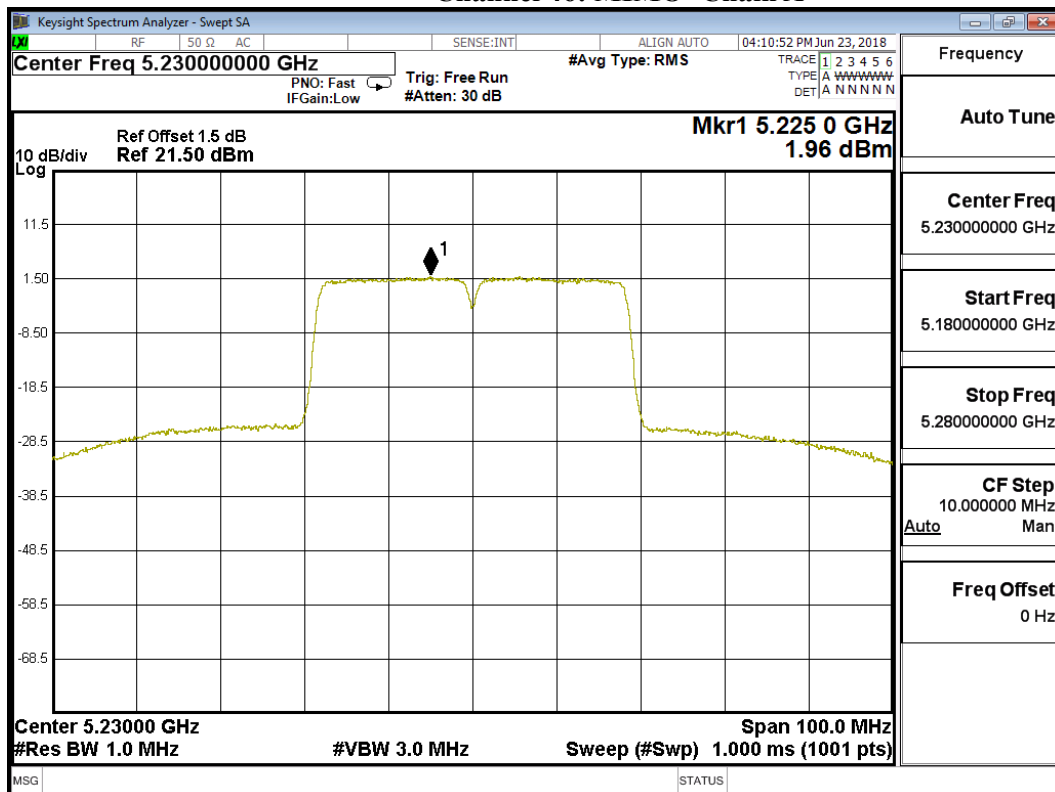
Channel 159: SISO- Chain B



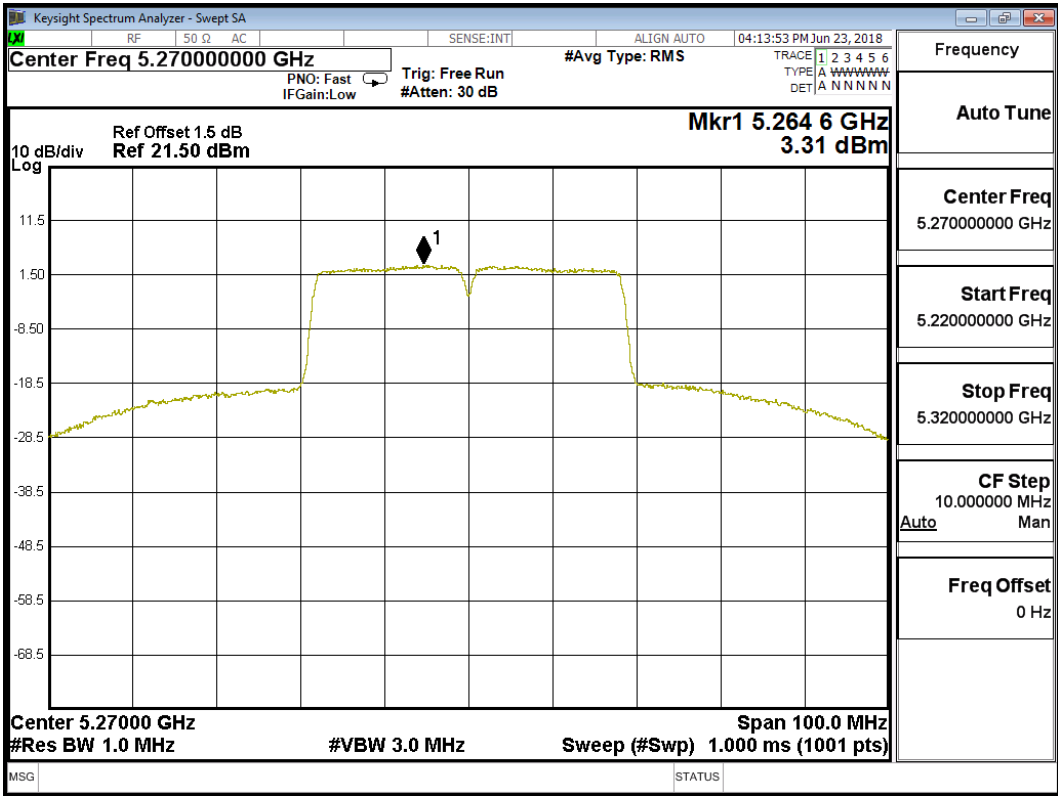
Channel 38: MIMO- Chain A



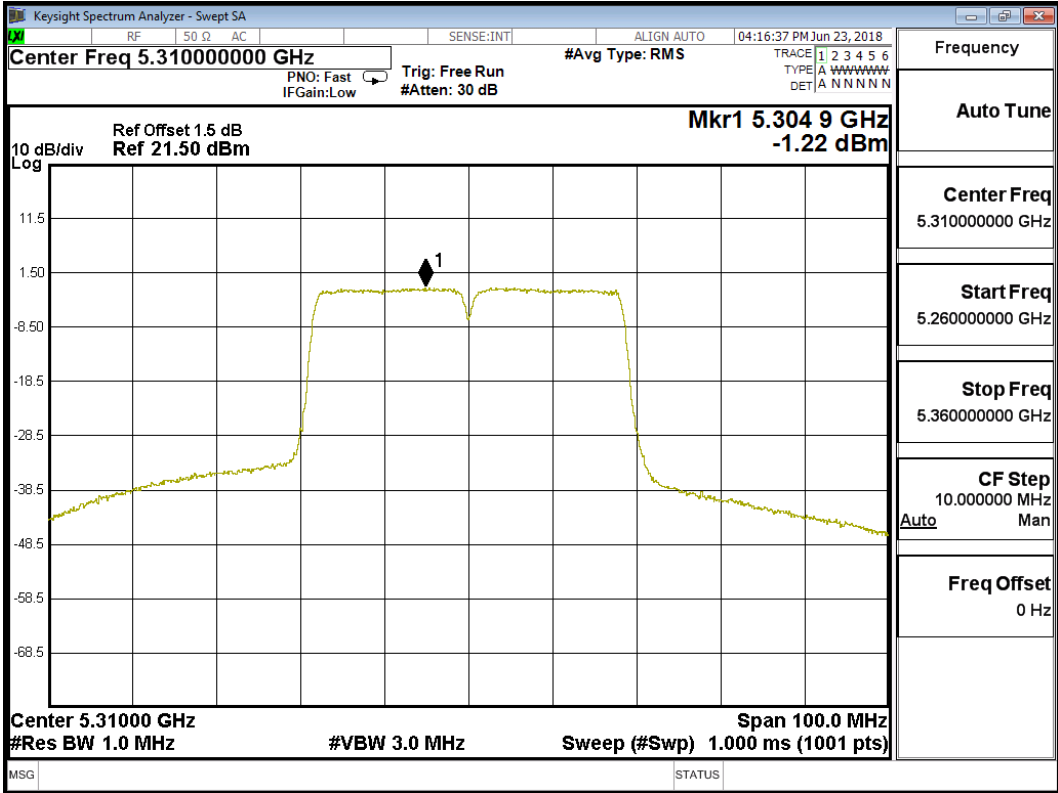
Channel 46: MIMO- Chain A



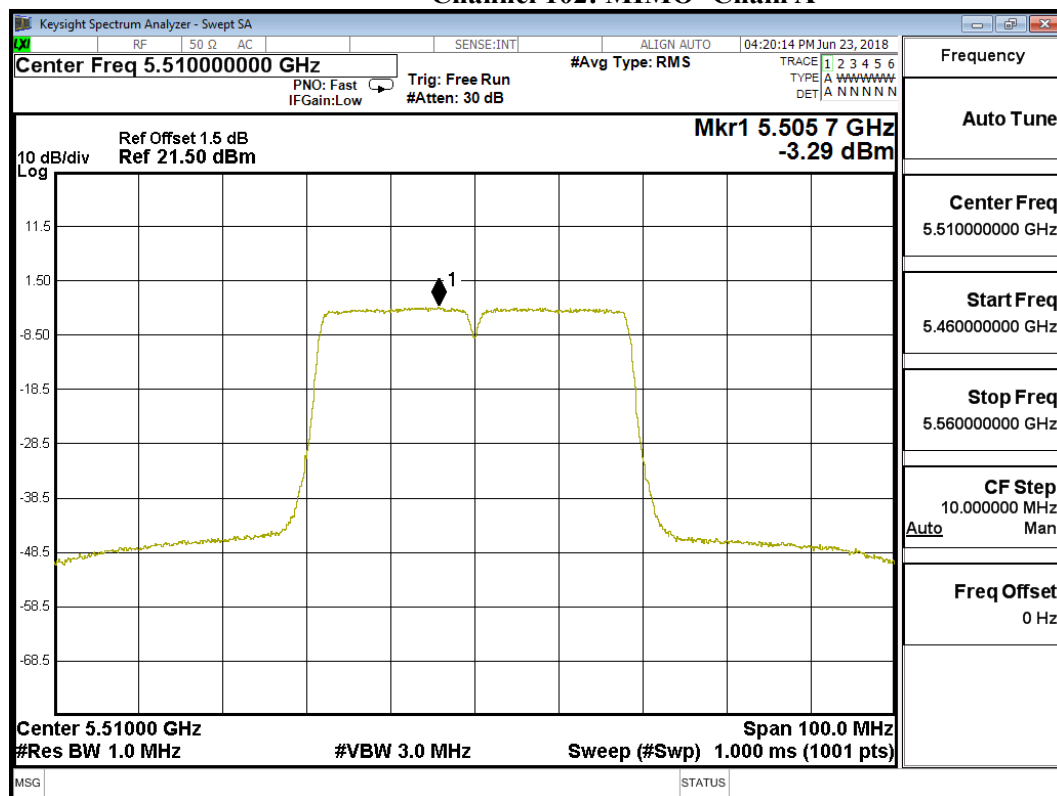
Channel 54: MIMO- Chain A



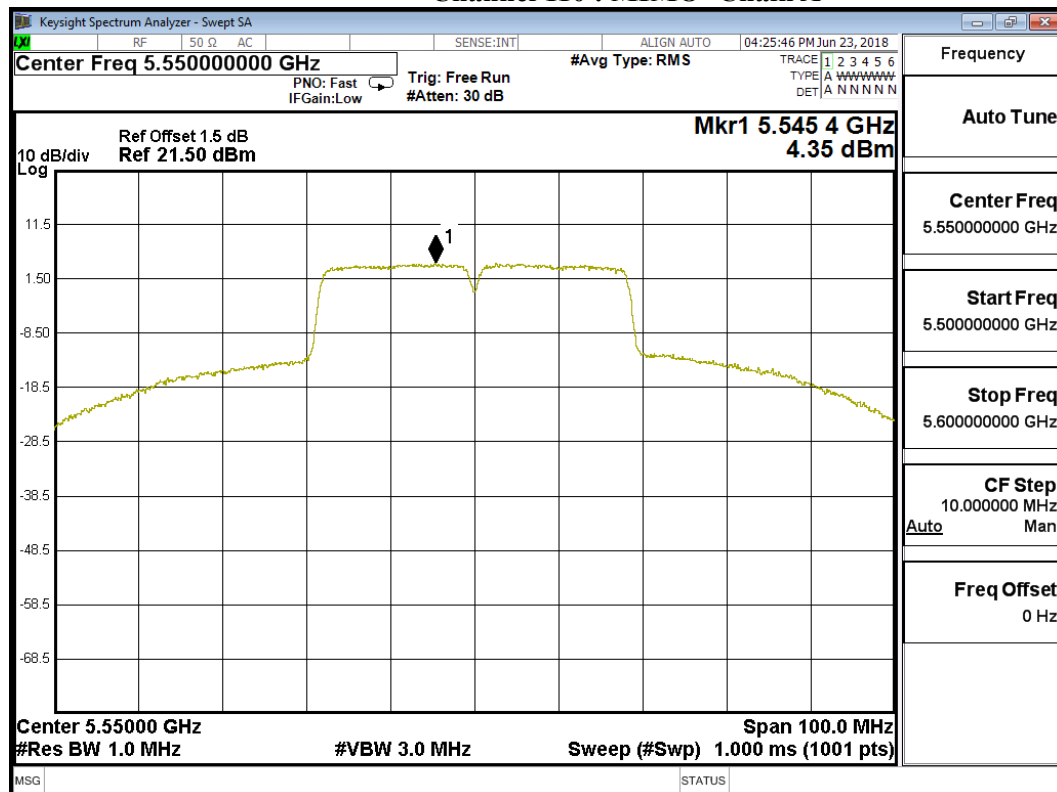
Channel 62: MIMO- Chain A



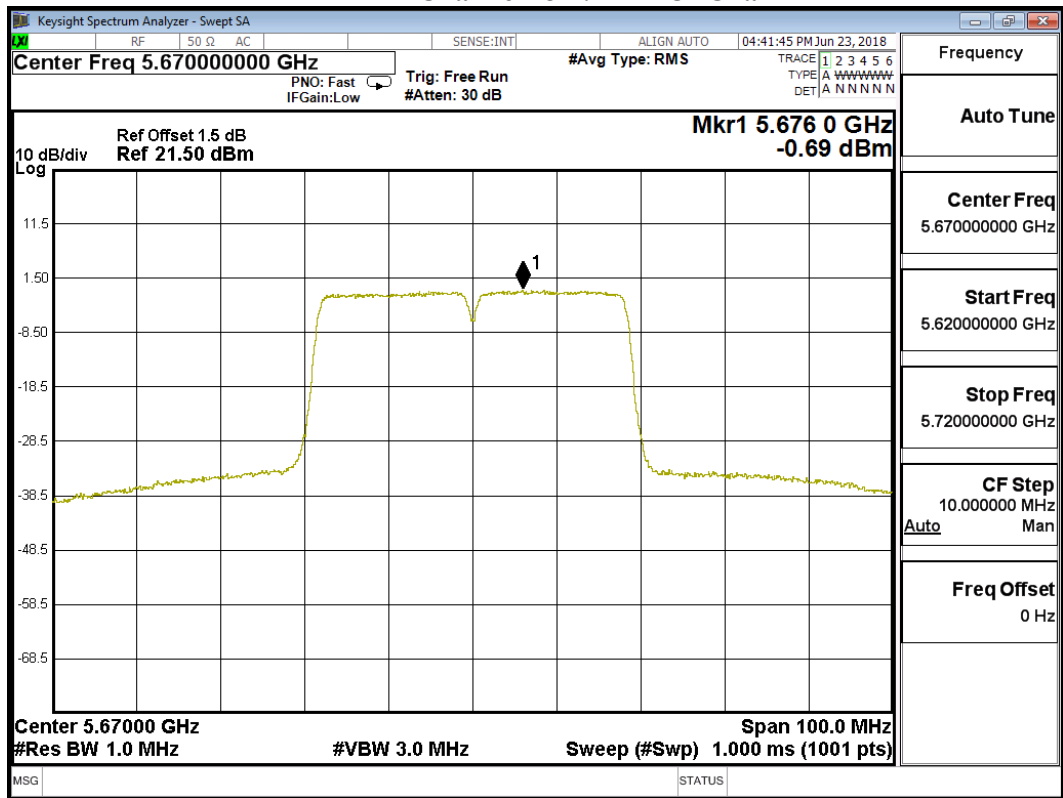
Channel 102: MIMO- Chain A



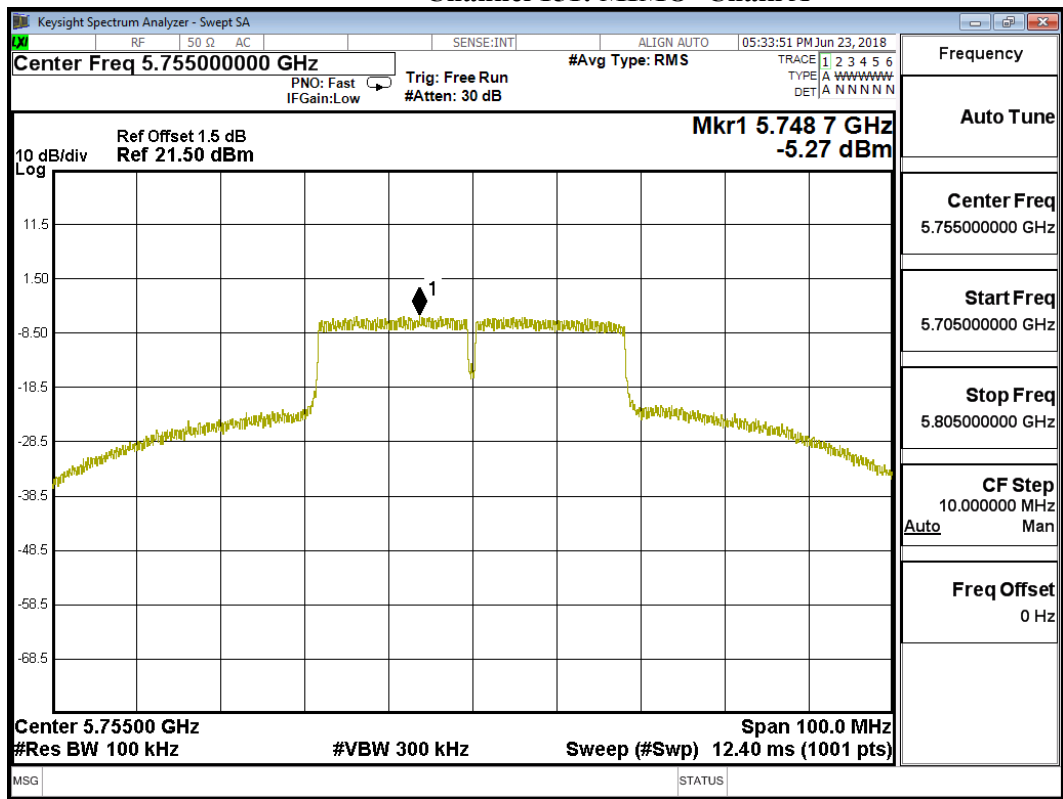
Channel 110 : MIMO- Chain A



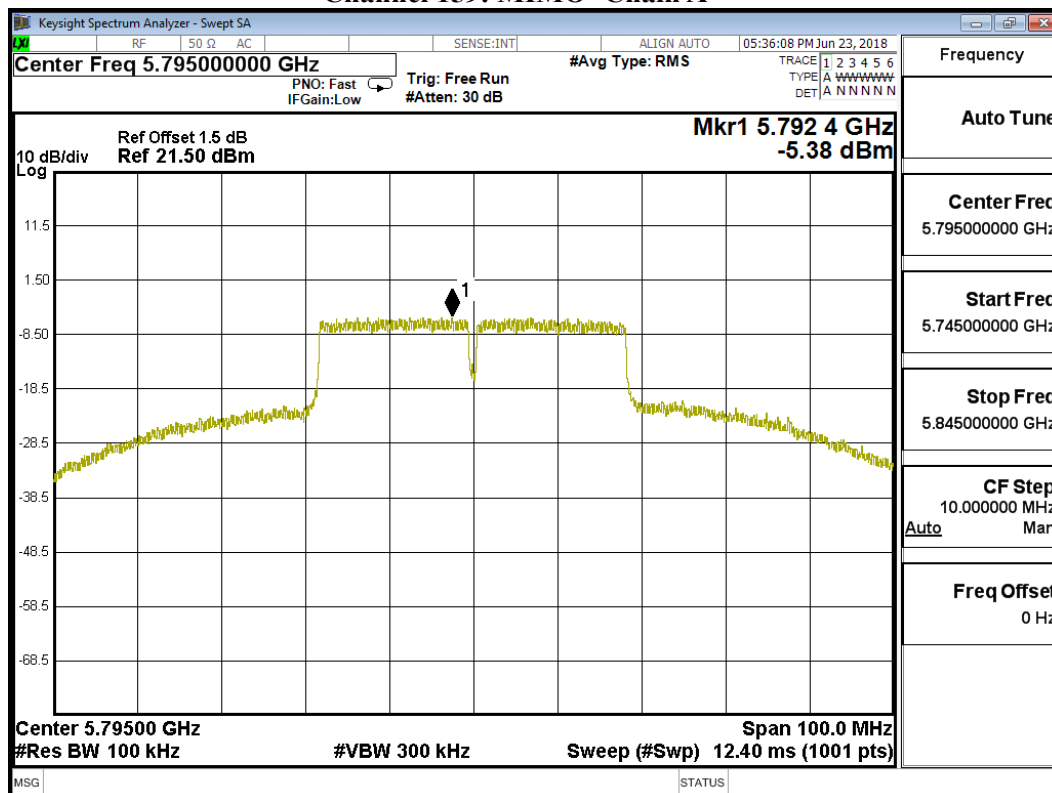
Channel 134 : MIMO- Chain A



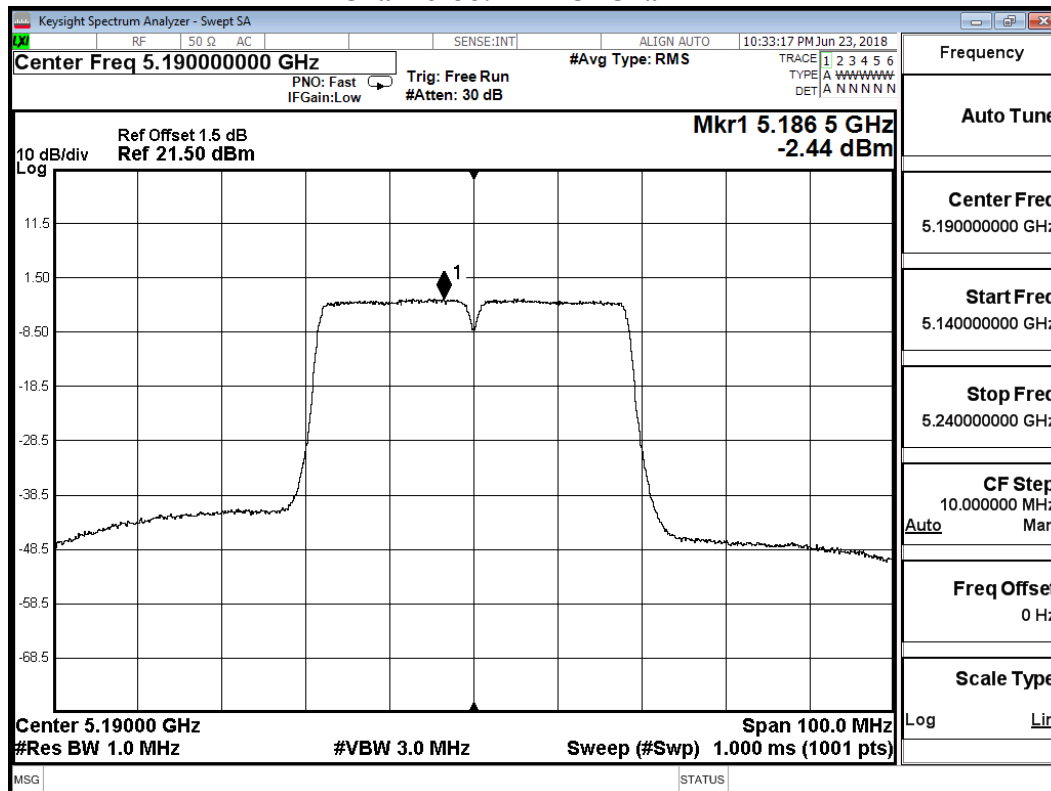
Channel 151: MIMO- Chain A



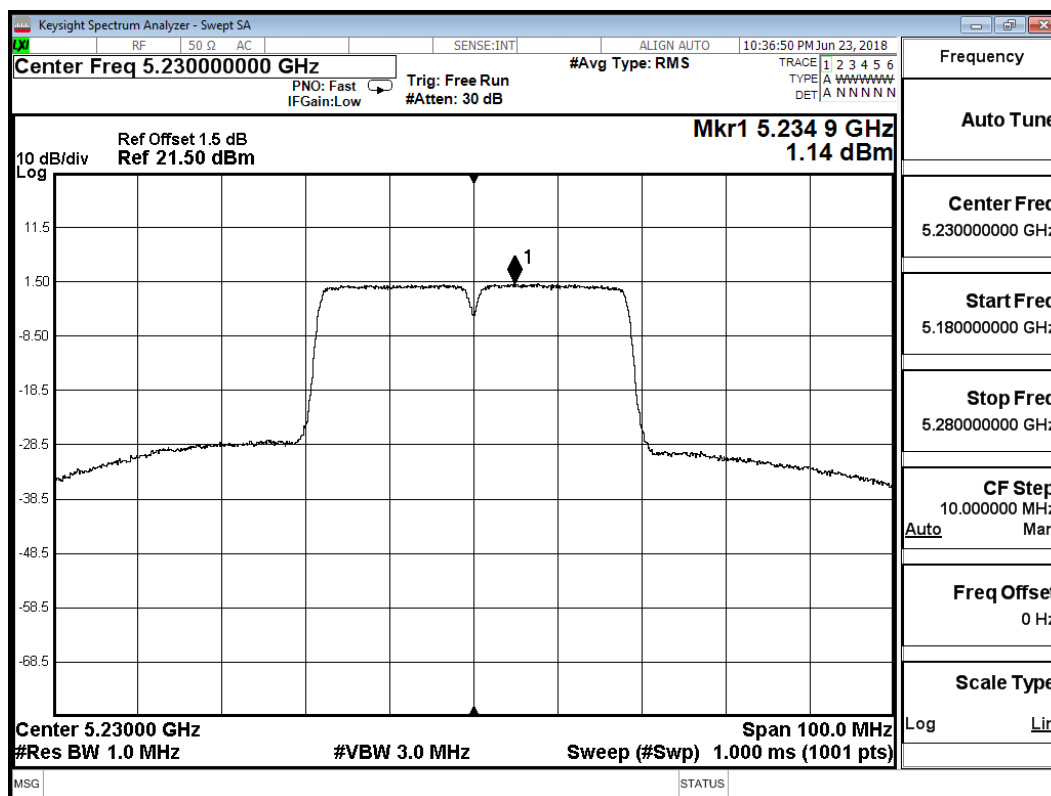
Channel 159: MIMO- Chain A



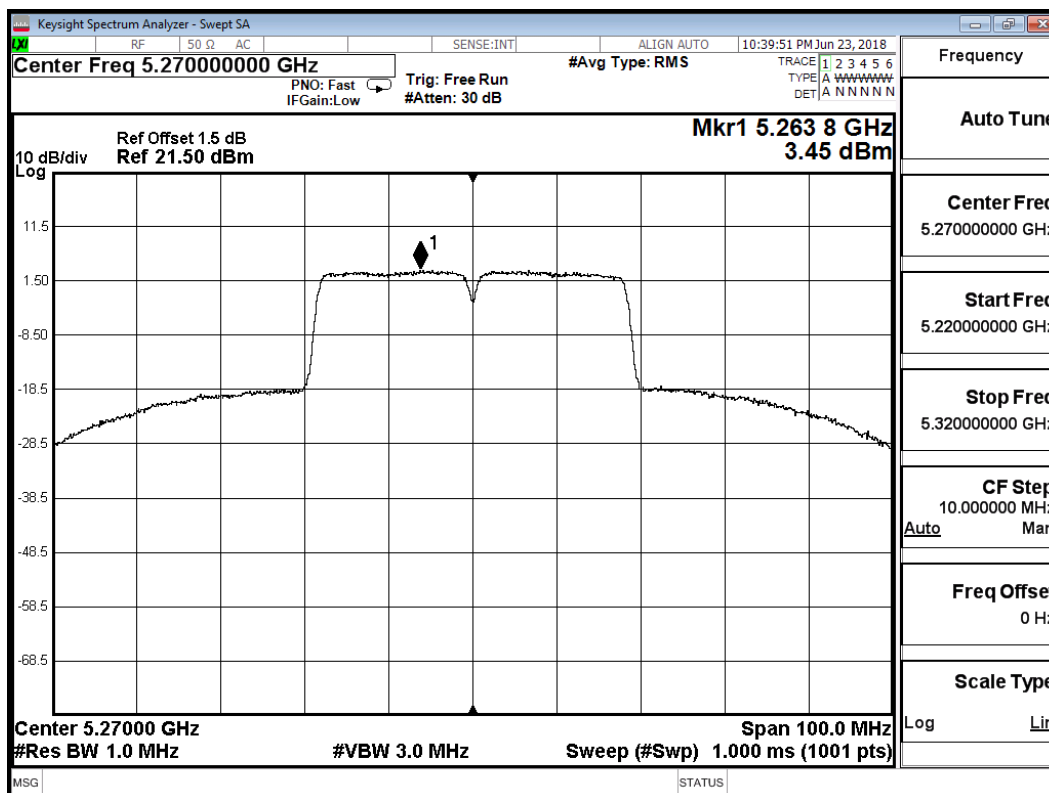
Channel 38: MIMO- Chain B



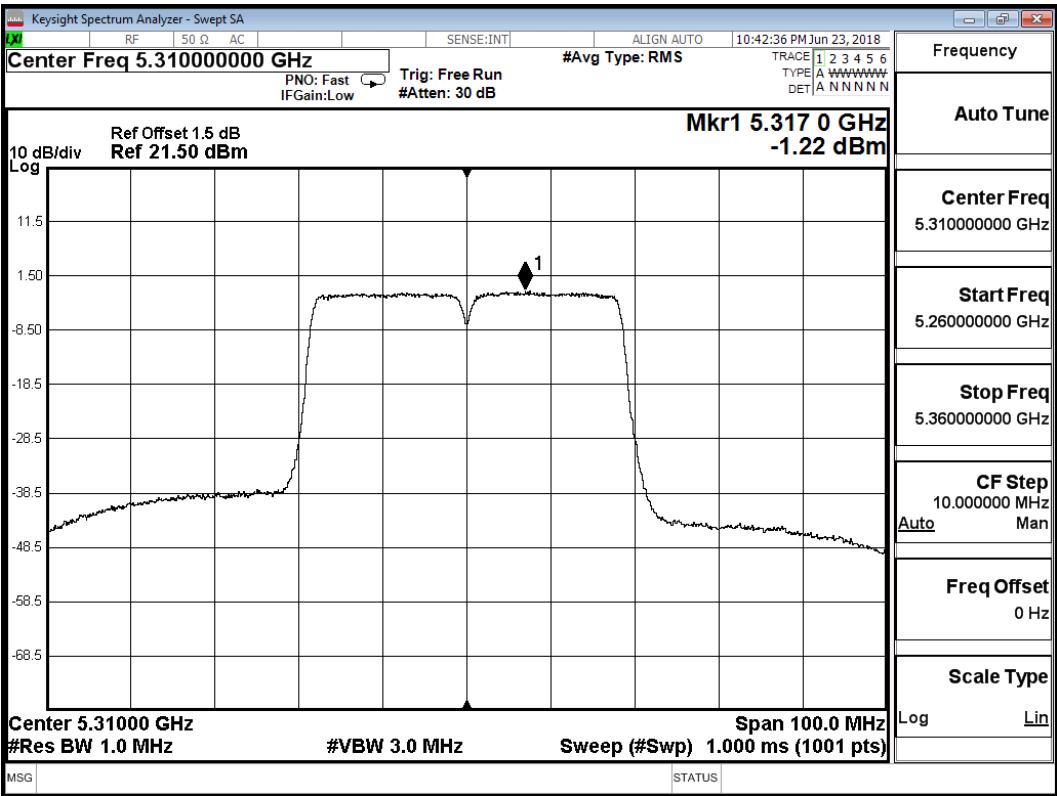
Channel 46: MIMO- Chain B



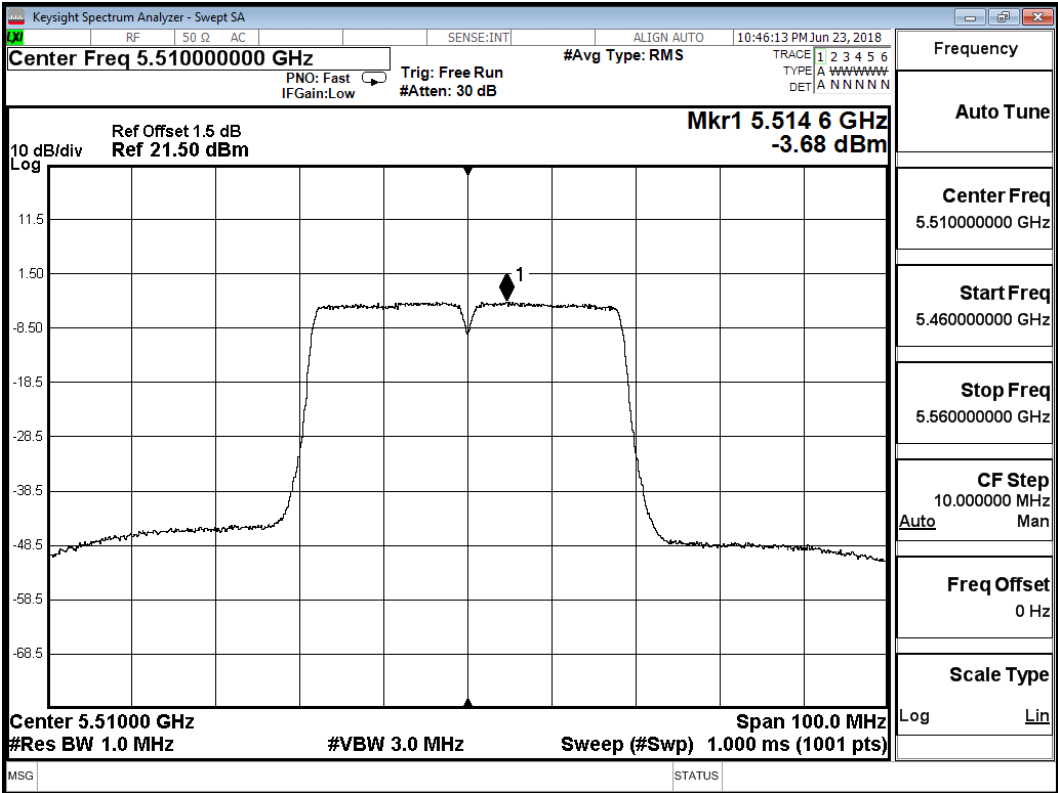
Channel 54: MIMO- Chain B



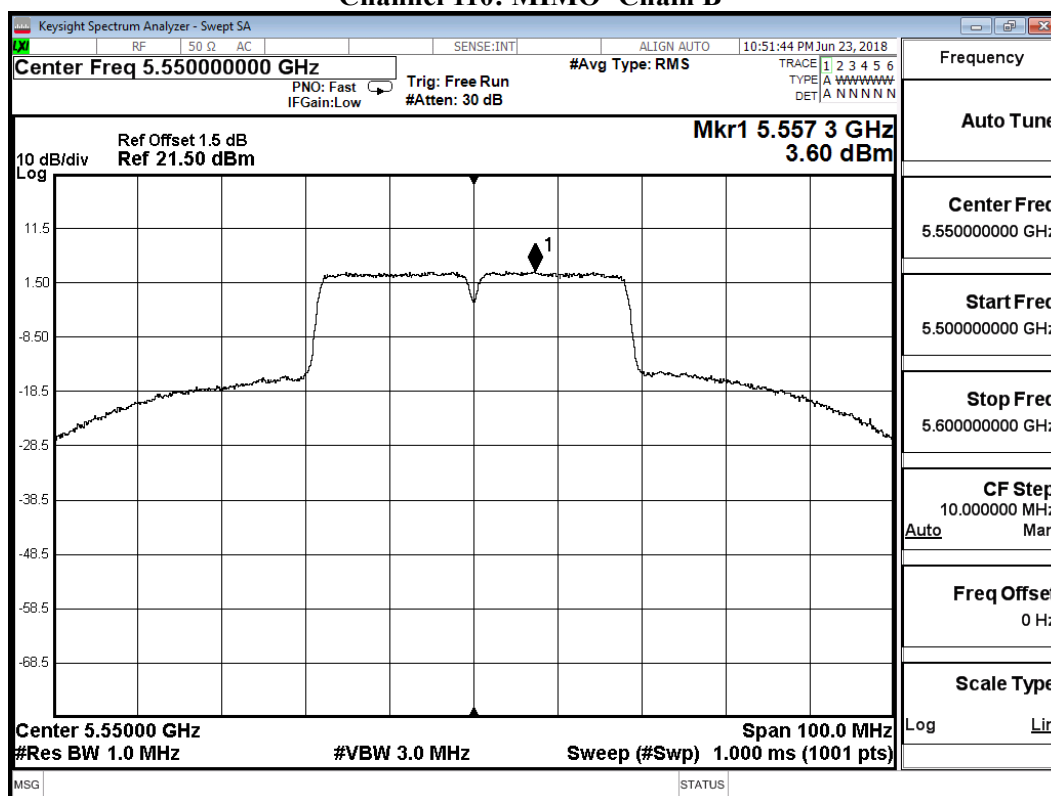
Channel 62: MIMO- Chain B



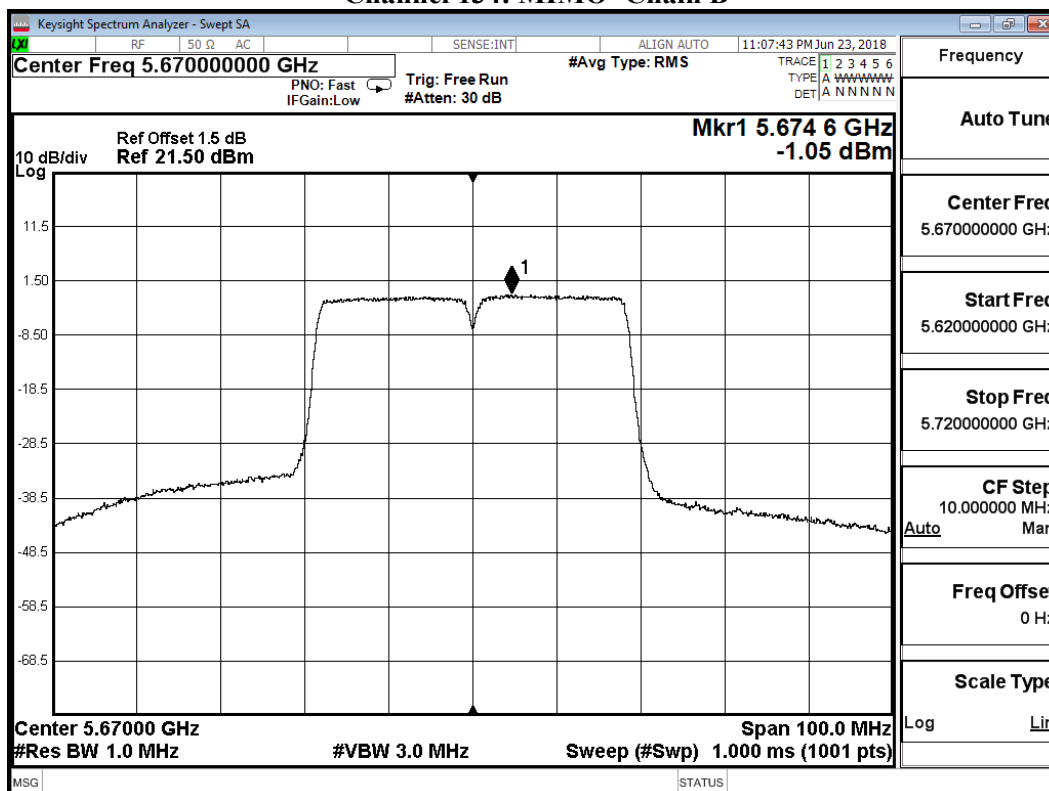
Channel 102: MIMO- Chain B



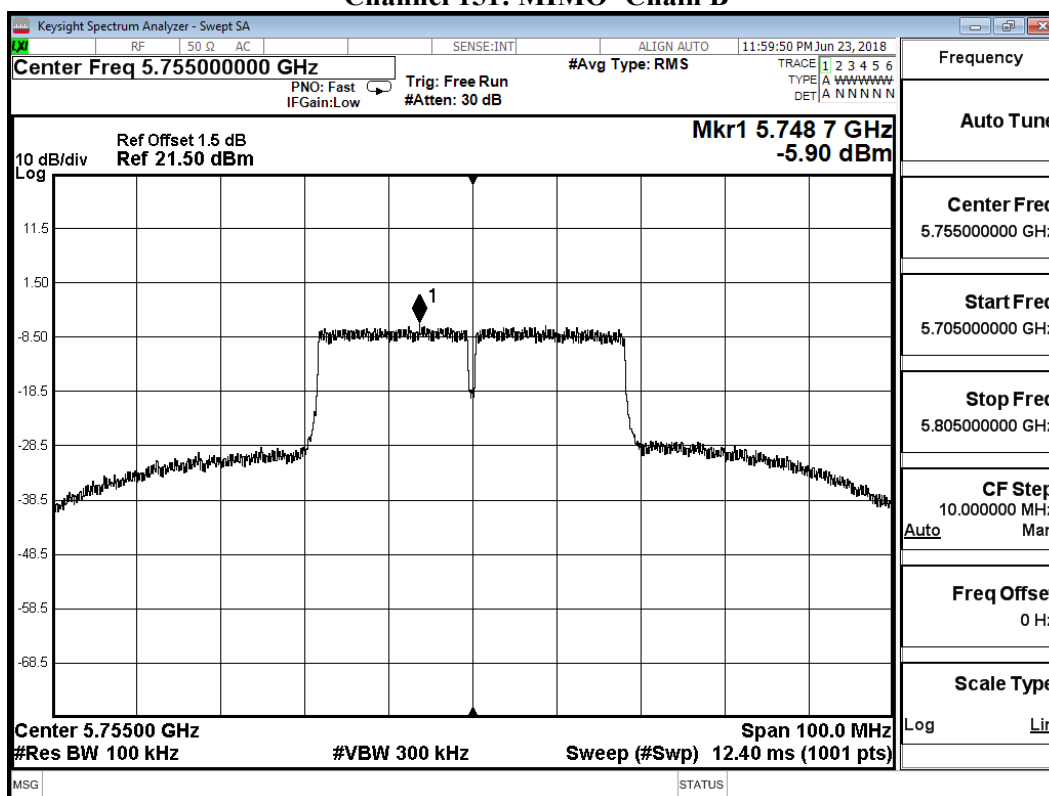
Channel 110: MIMO- Chain B



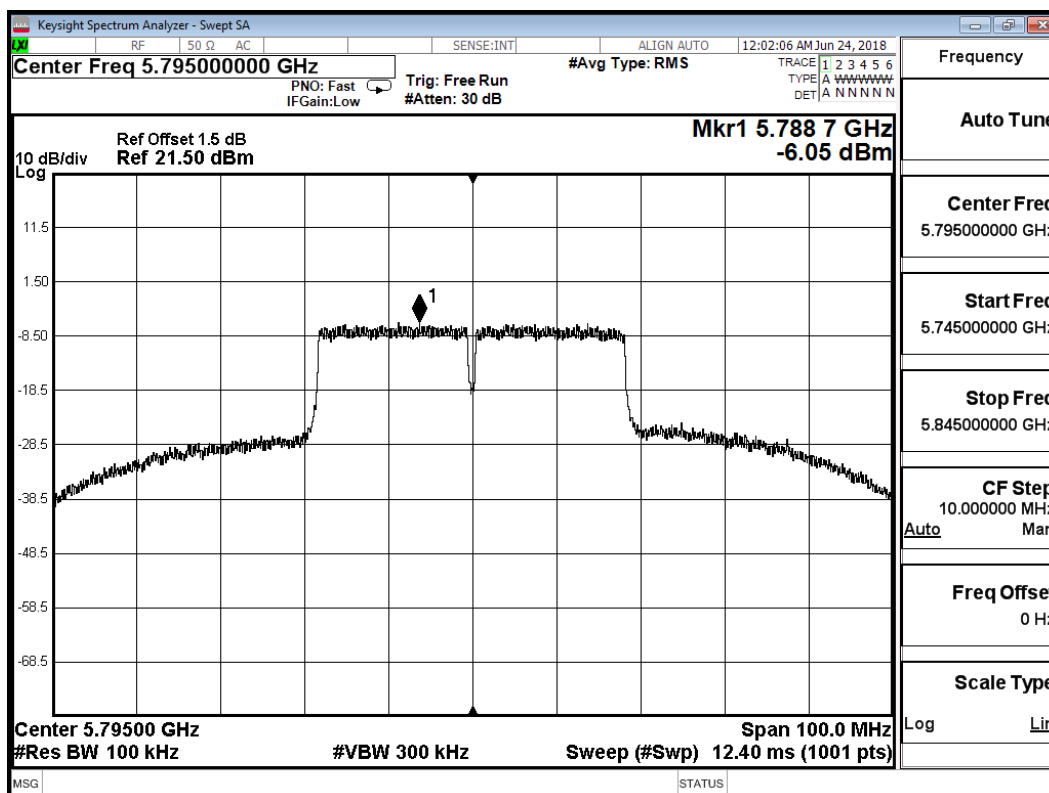
Channel 134: MIMO- Chain B



Channel 151: MIMO- Chain B



Channel 159: MIMO- Chain B



待測物名稱：Wireless Access point

待測物型號：ATOM AP30

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 06 月 25 日

測試項目：峰值功率頻譜密度

測試模式：Mode 1: 發射器 802.11ac-20BW

視頻頻寬：3MHz

環境溫度：21 °C

環境濕度：53 %

SISO- Chain A:

Channel Number	Frequency (MHz)	Data Rate (Mbps)	Measurement Level (dBm)	Required Limit (dBm)	Result
36	5180	VHT0	3.990	17	Pass
44	5220	VHT0	6.620	17	Pass
48	5240	VHT0	6.630	17	Pass
52	5260	VHT0	7.240	11	Pass
60	5300	VHT0	7.360	11	Pass
64	5320	VHT0	3.230	11	Pass
100	5500	VHT0	2.360	11	Pass
116	5580	VHT0	8.240	11	Pass
140	5700	VHT0	1.220	11	Pass
144	5720(Band3)	VHT0	8.130	11	Pass

SISO- Chain B:

Channel Number	Frequency (MHz)	Data Rate (Mbps)	Measurement Level (dBm)	Required Limit (dBm)	Result
36	5180	VHT0	4.690	17	Pass
44	5220	VHT0	7.280	17	Pass
48	5240	VHT0	7.170	17	Pass
52	5260	VHT0	7.300	11	Pass
60	5300	VHT0	7.230	11	Pass
64	5320	VHT0	4.820	11	Pass
100	5500	VHT0	3.580	11	Pass
116	5580	VHT0	8.050	11	Pass
140	5700	VHT0	1.240	11	Pass
144	5720(Band3)	VHT0	7.760	11	Pass

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
144	5720(Band4)	A	-1.450	6.980	5.530	<30	Pass
		B	-1.570	6.980	5.410	<30	Pass
149	5745	A	-0.940	6.980	6.040	<30	Pass
		B	-1.130	6.980	5.850	<30	Pass
157	5785	A	-1.240	6.980	5.740	<30	Pass
		B	-1.580	6.980	5.400	<30	Pass
165	5825	A	-1.230	6.980	5.750	<30	Pass
		B	-1.990	6.980	4.990	<30	Pass

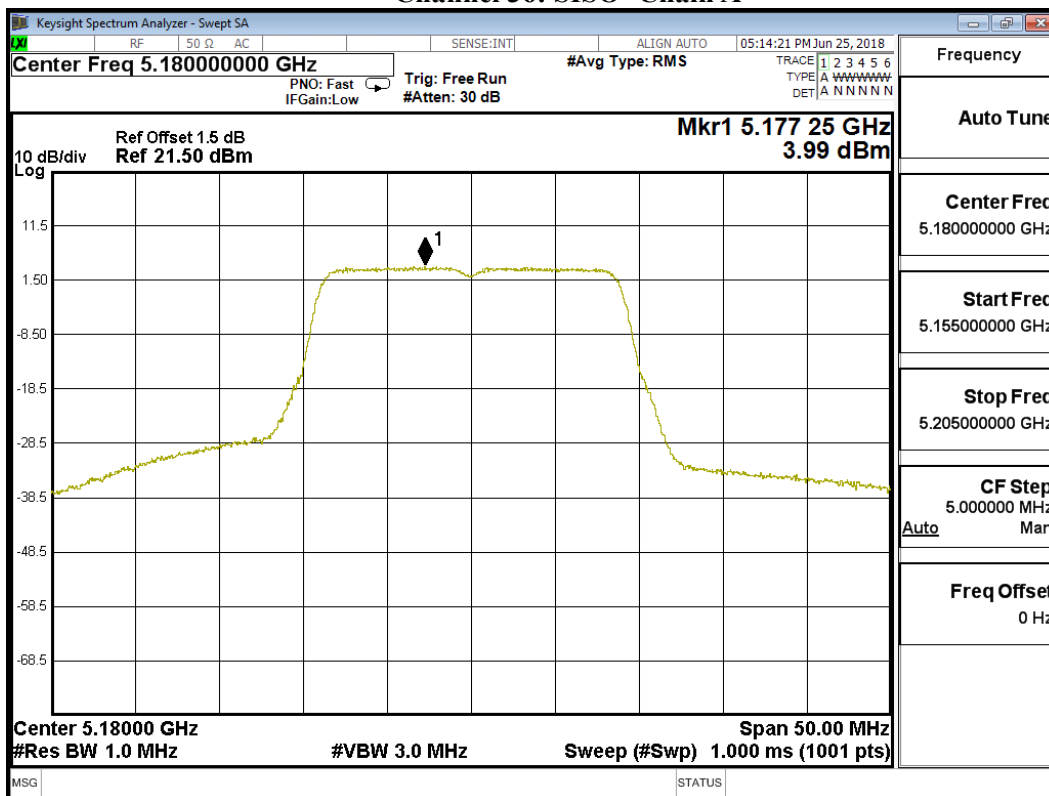
MIMO:

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
36	5180	A	3.060	6.070	14.6	Pass
		B	3.170	6.180	14.6	Pass
44	5220	A	5.930	8.940	14.6	Pass
		B	6.070	9.080	14.6	Pass
48	5240	A	6.510	9.520	14.6	Pass
		B	6.410	9.420	14.6	Pass
52	5260	A	5.110	8.120	8.6	Pass
		B	5.120	8.130	8.6	Pass
60	5300	A	5.200	8.210	8.6	Pass
		B	5.140	8.150	8.6	Pass
64	5320	A	2.260	5.270	8.6	Pass
		B	2.510	5.520	8.6	Pass
100	5500	A	1.150	4.160	8.9	Pass
		B	1.550	4.560	8.9	Pass
116	5580	A	5.530	8.540	8.9	Pass
		B	4.830	7.840	8.9	Pass
140	5700	A	1.020	4.030	8.9	Pass
		B	1.120	4.130	8.9	Pass
144	5720(Band3)	A	5.140	8.150	8.9	Pass
		B	4.660	7.670	8.9	Pass

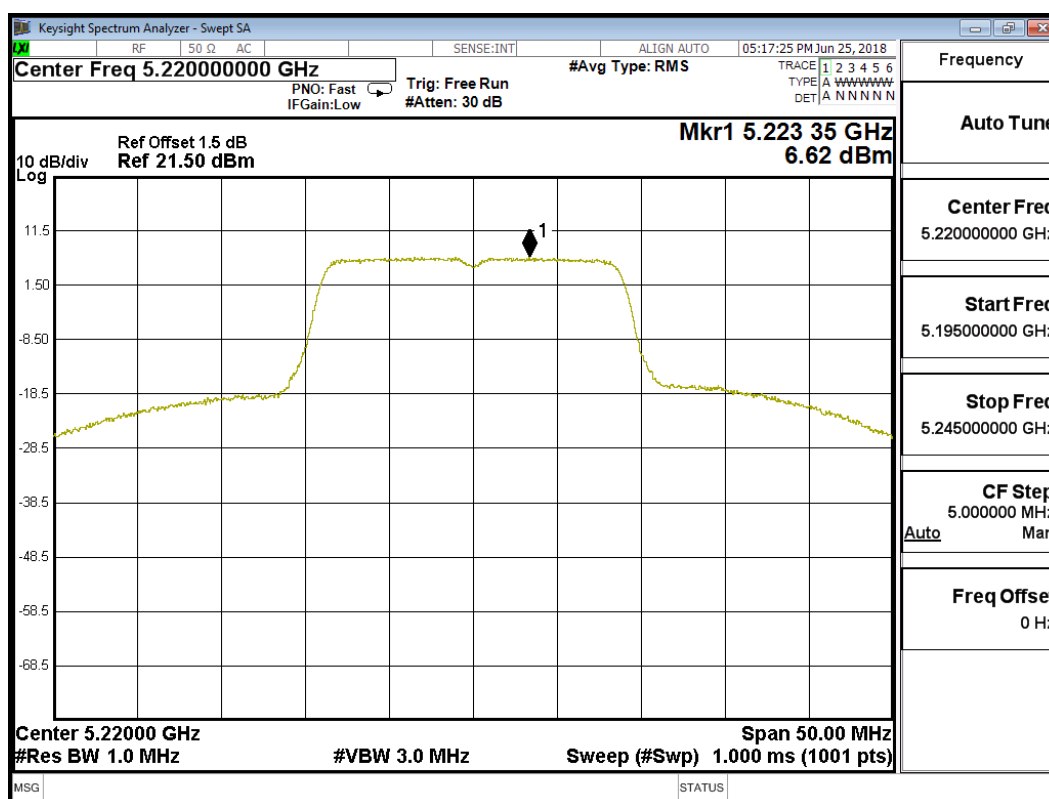
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
144	5720(Band4)	A	-4.370	6.980	5.620	<28.3	Pass
		B	-4.500	6.980	5.490	<28.3	Pass
149	5745	A	-1.650	6.980	8.340	<28.3	Pass
		B	-2.210	6.980	7.780	<28.3	Pass
157	5785	A	-2.010	6.980	7.980	<28.3	Pass
		B	-2.890	6.980	7.100	<28.3	Pass
165	5825	A	-2.160	6.980	7.830	<28.3	Pass
		B	-2.250	6.980	7.740	<28.3	Pass

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

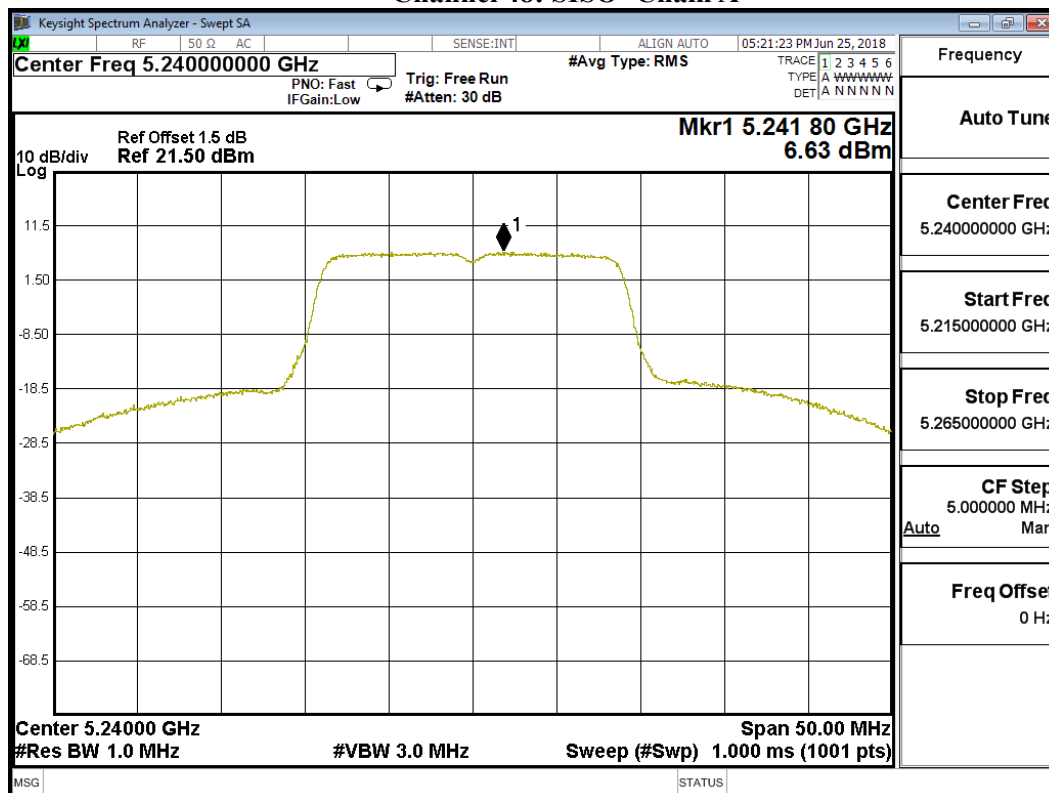
Channel 36: SISO- Chain A



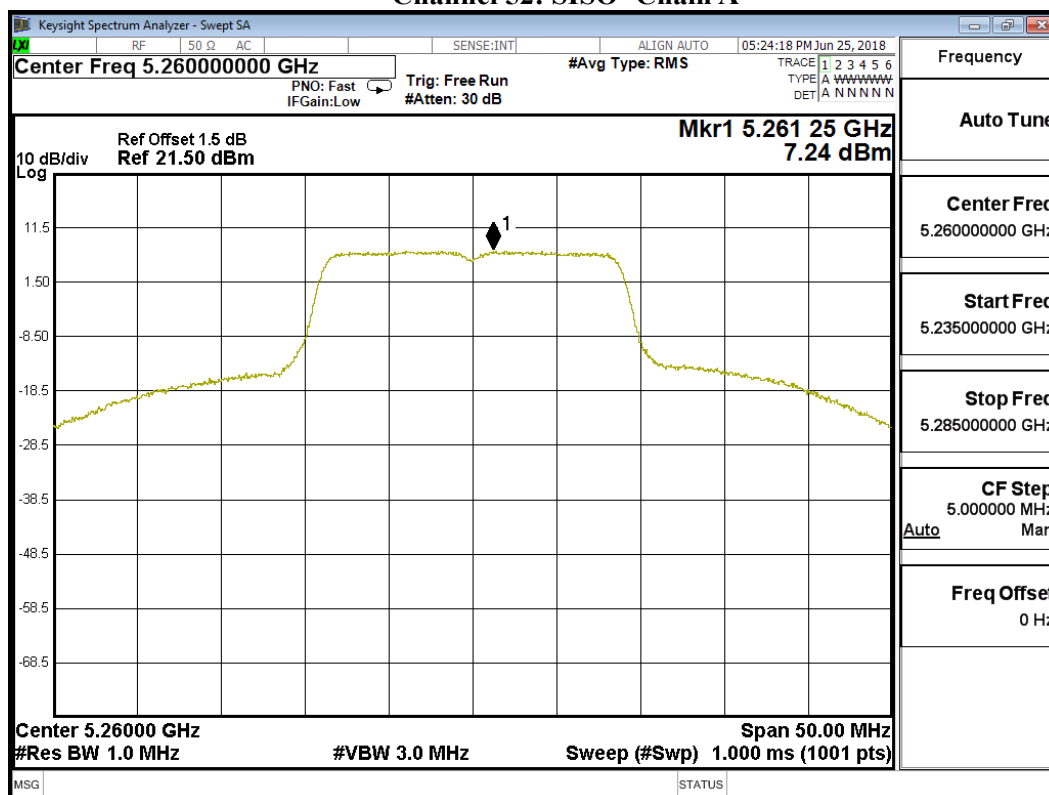
Channel 44: SISO- Chain A



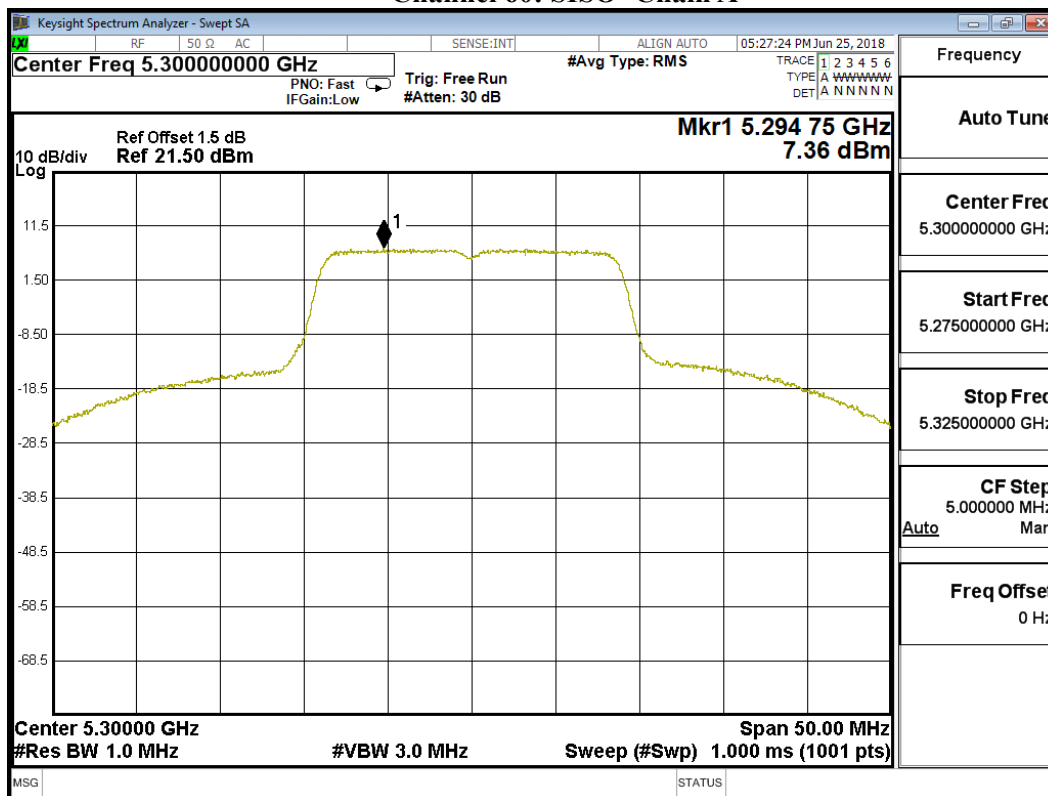
Channel 48: SISO- Chain A



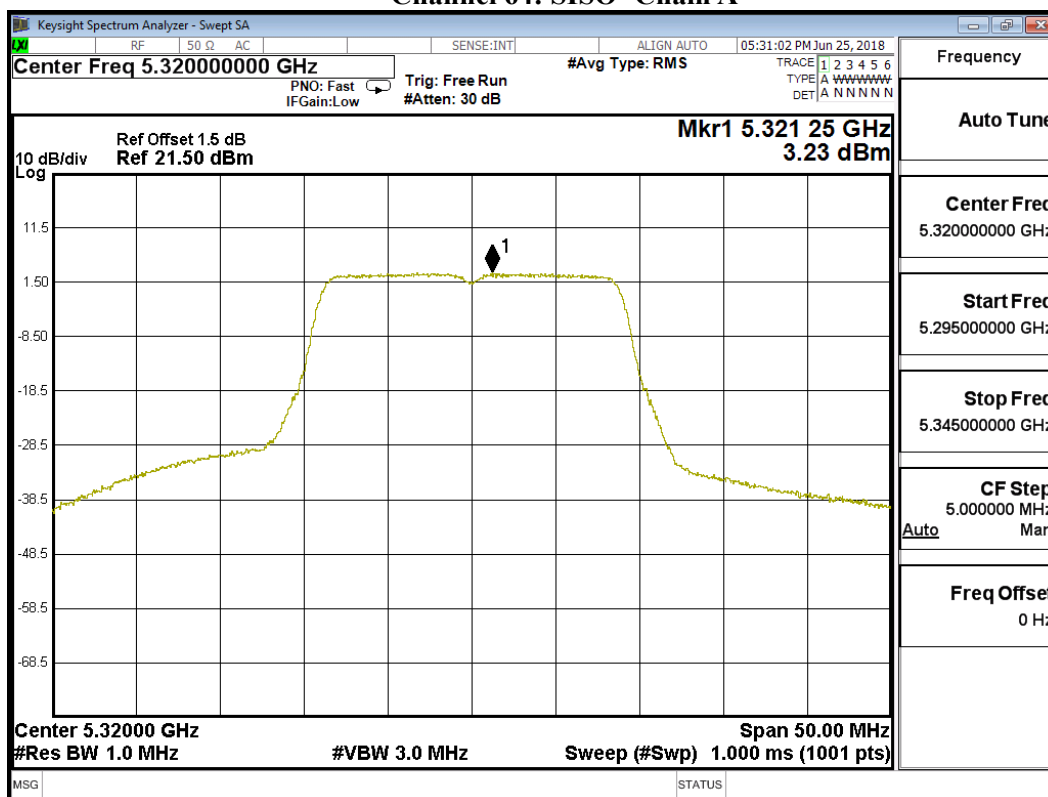
Channel 52: SISO- Chain A



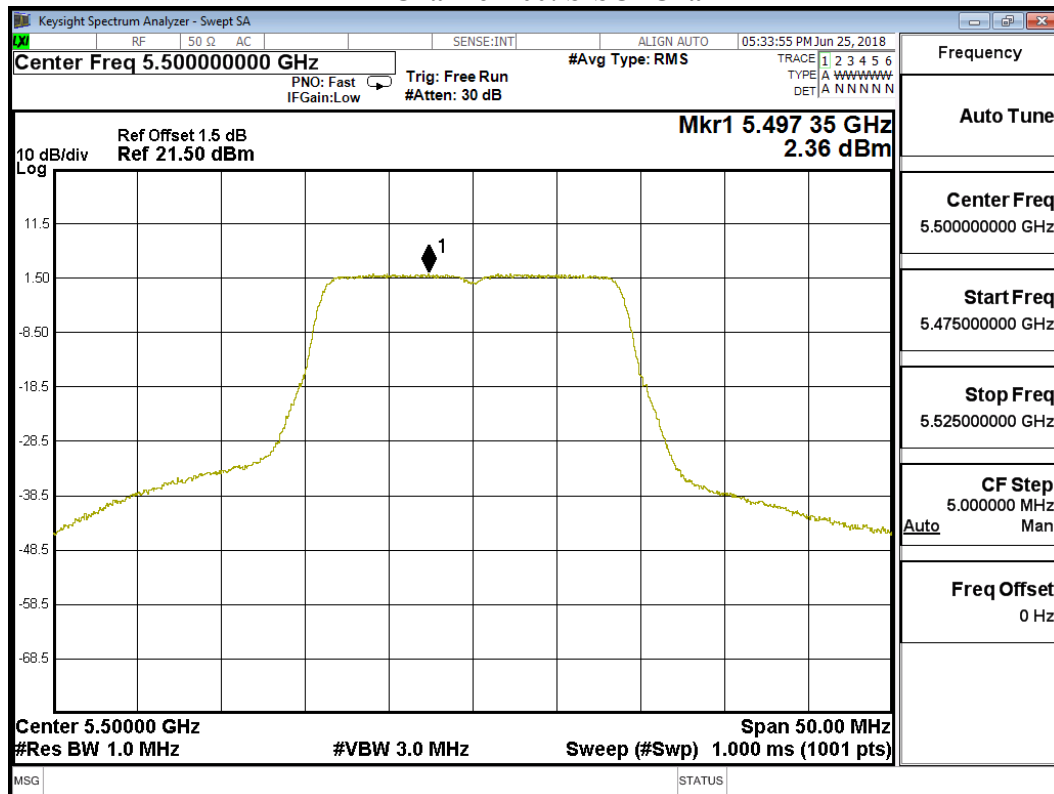
Channel 60: SISO- Chain A



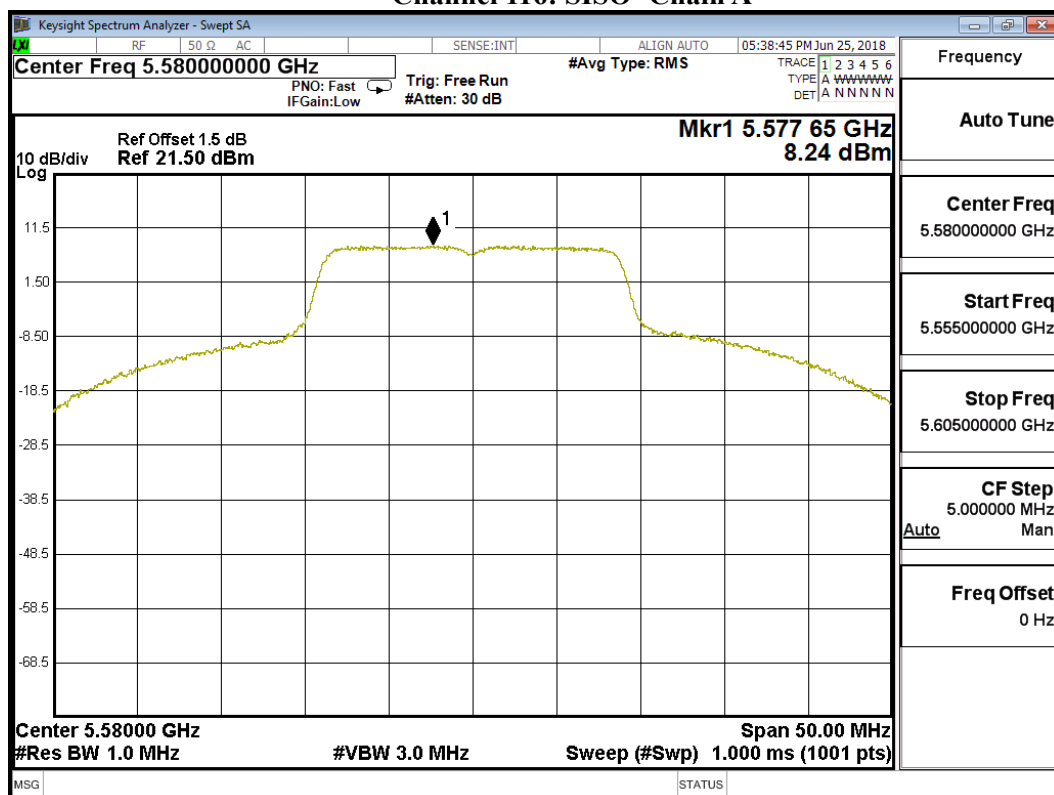
Channel 64: SISO- Chain A



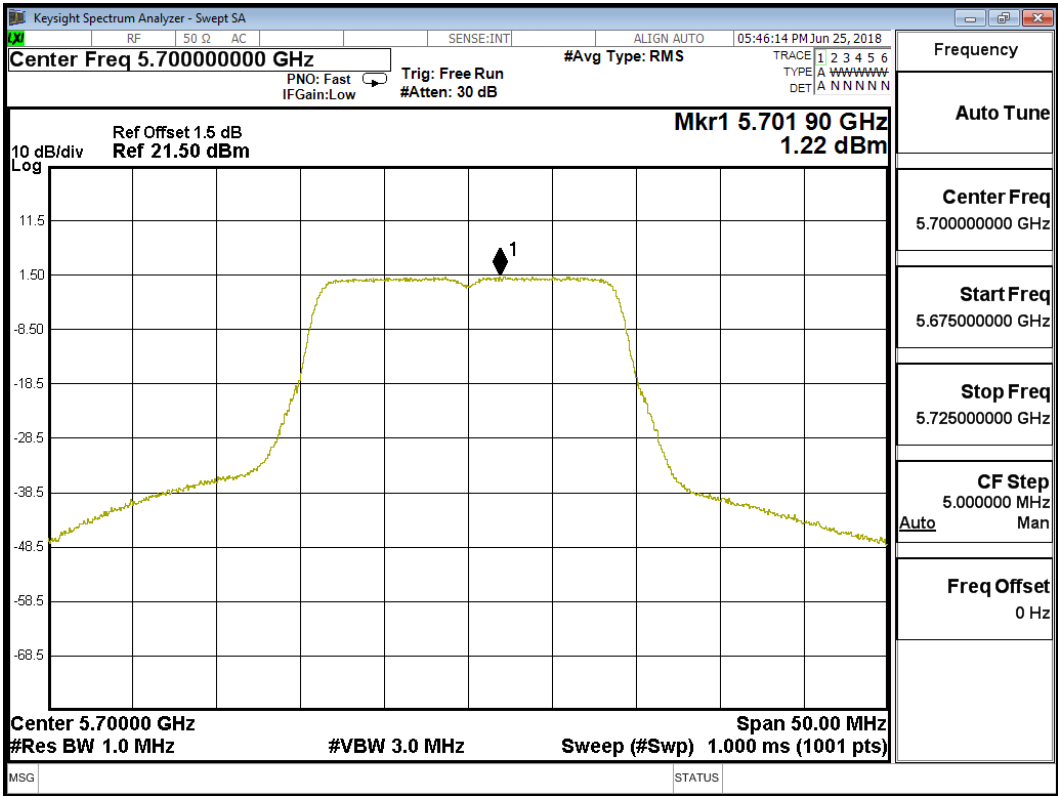
Channel 100: SISO- Chain A



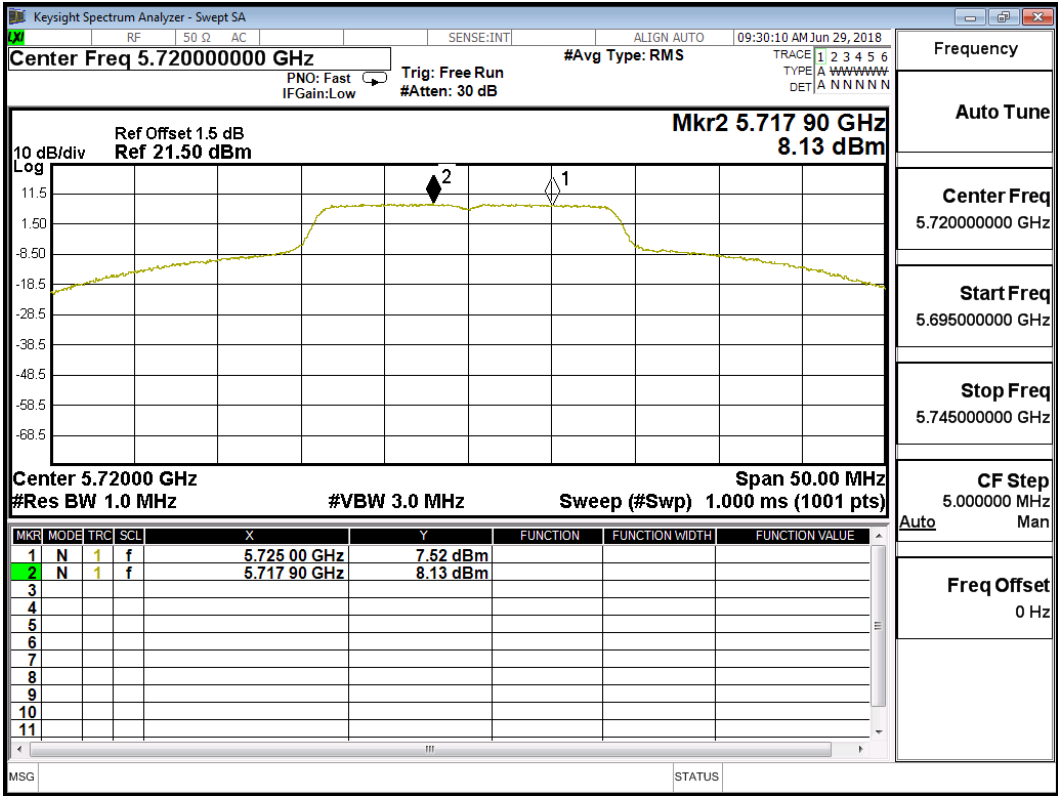
Channel 116: SISO- Chain A



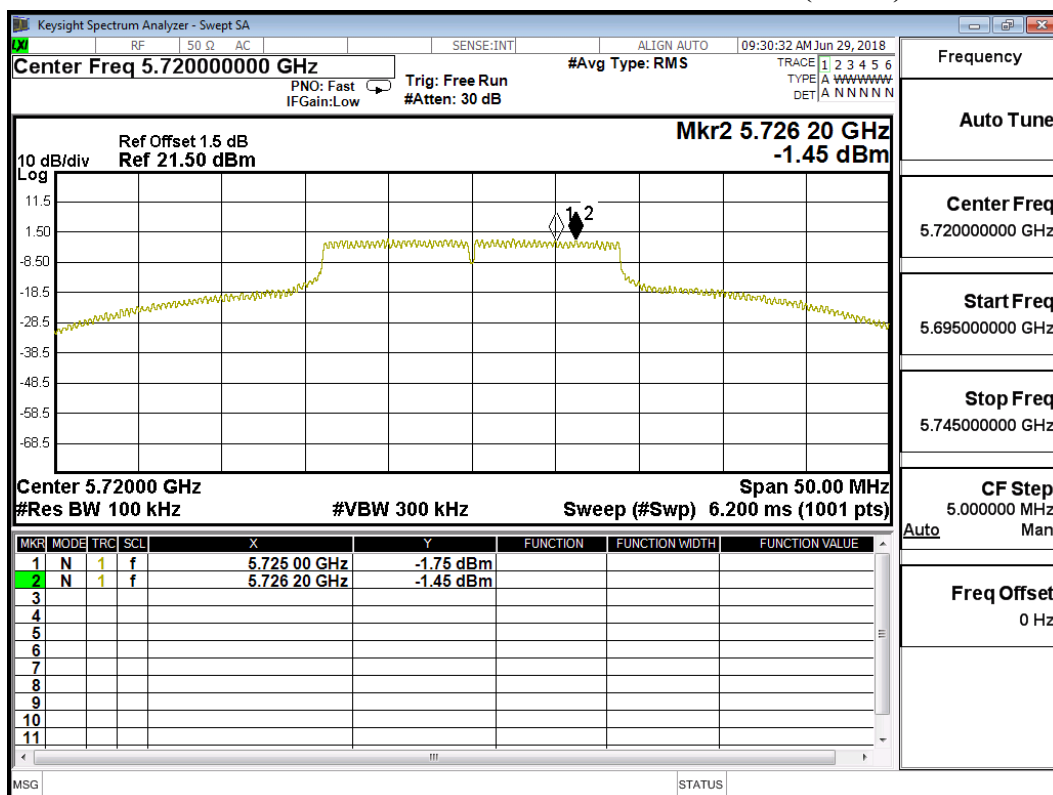
Channel 140: SISO- Chain A



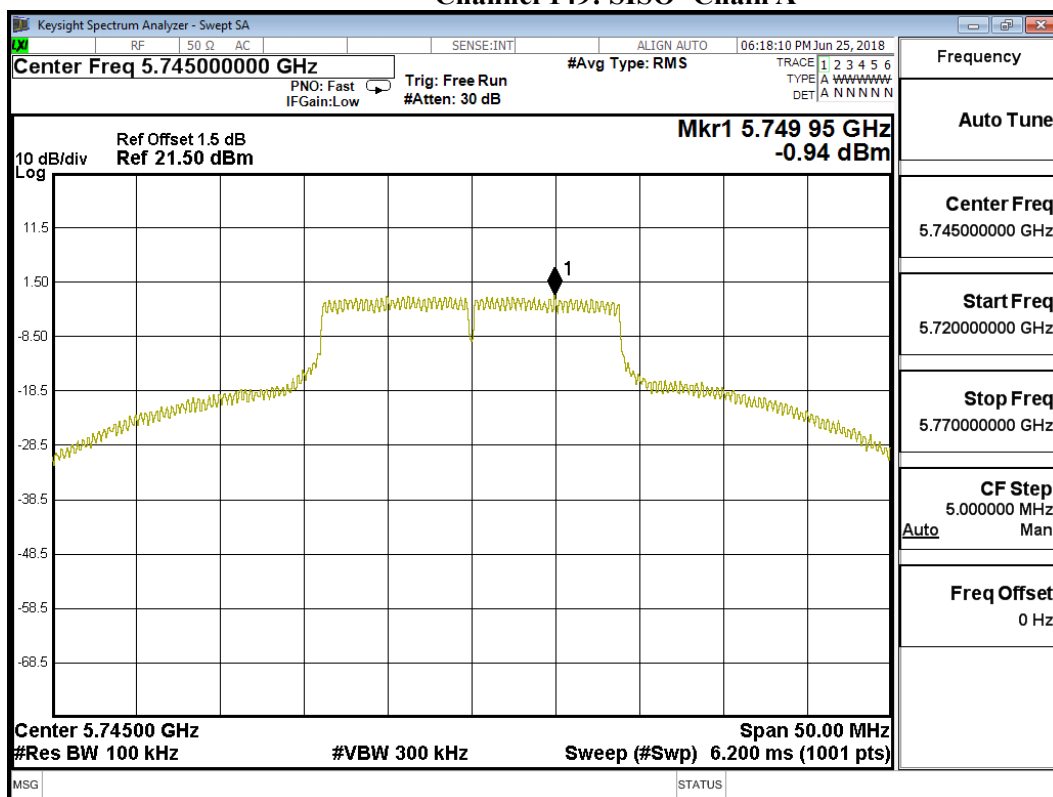
Channel 144: SISO- Chain A (Band3)



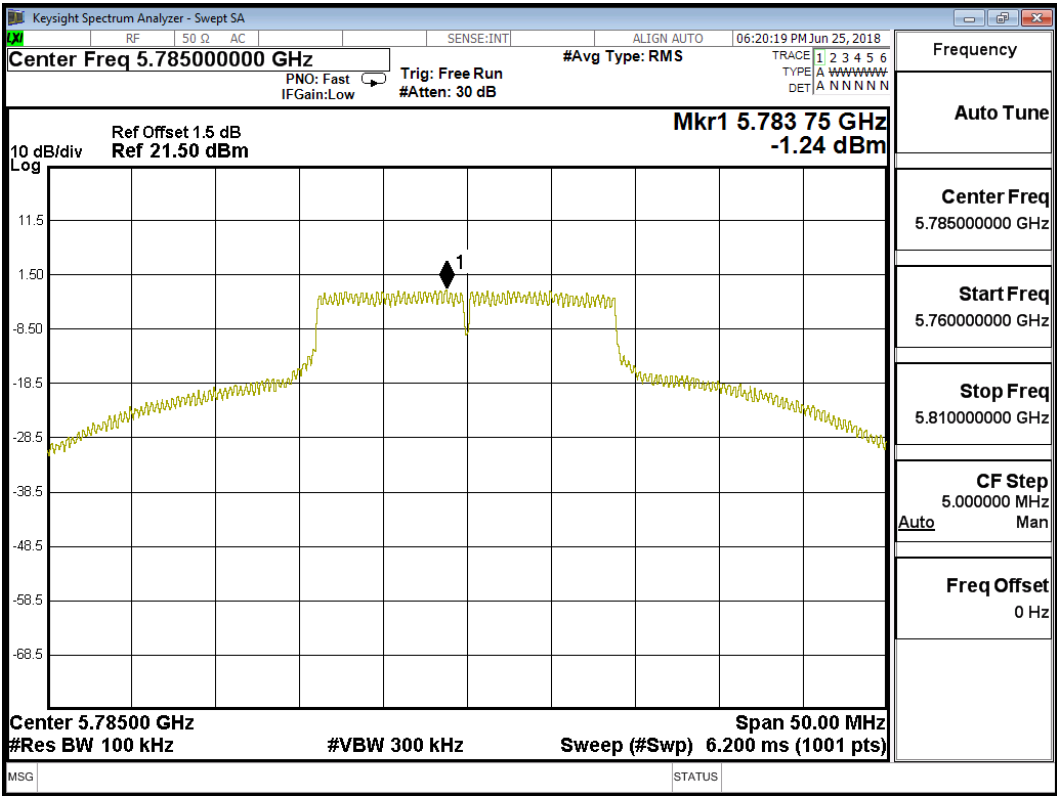
Channel 144: SISO- Chain A (Band4)



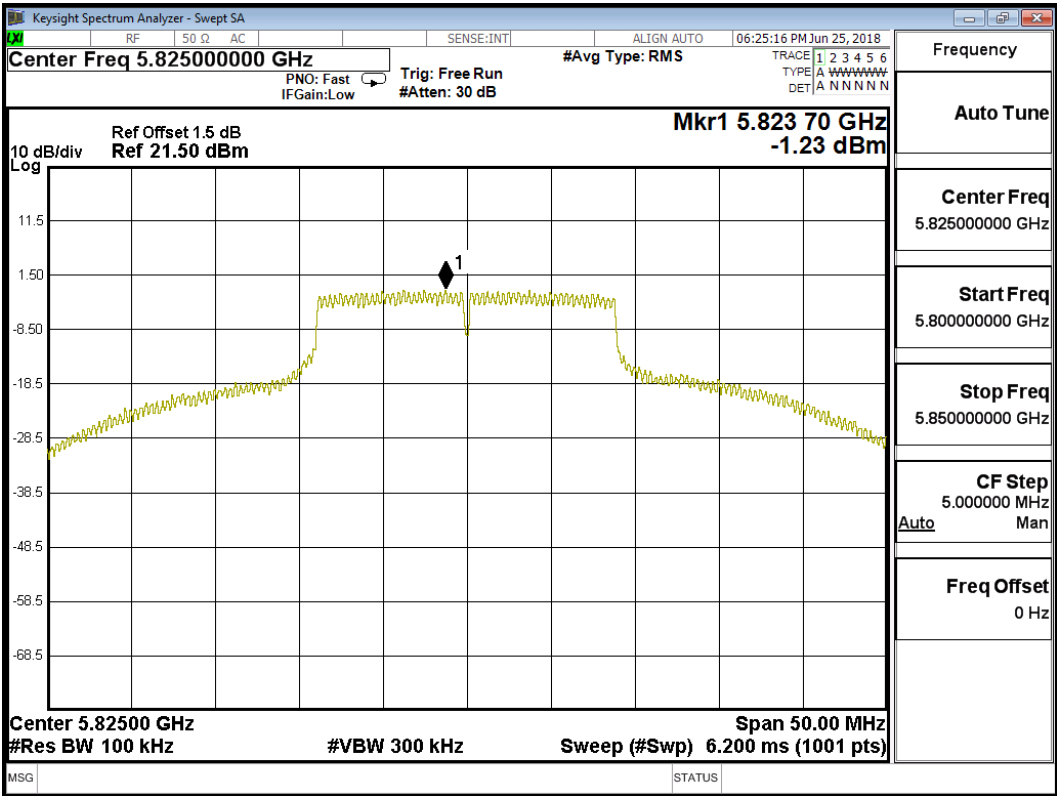
Channel 149: SISO- Chain A



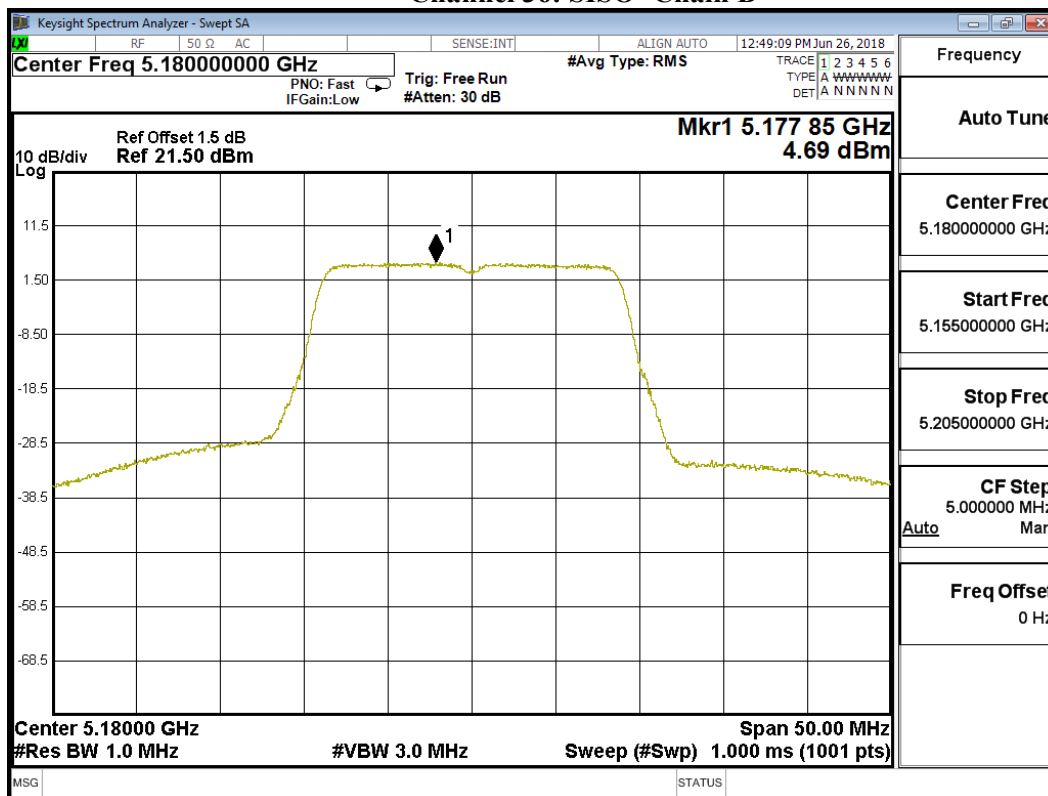
Channel 157: SISO- Chain A



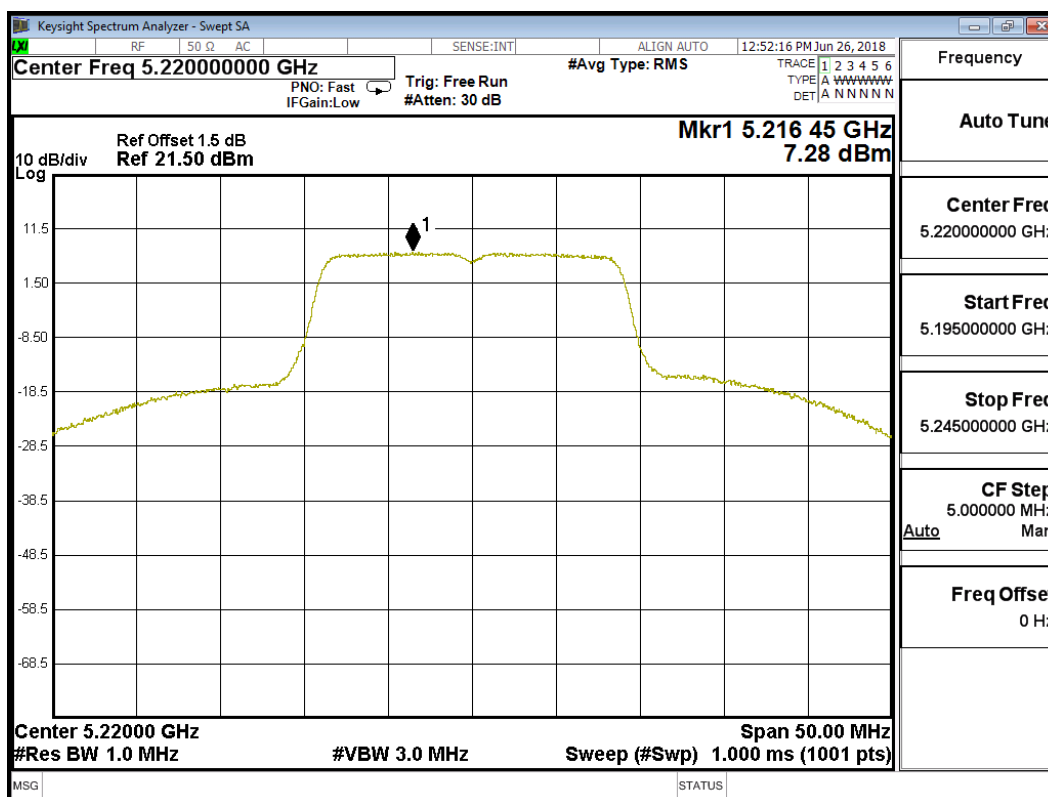
Channel 165: SISO- Chain A



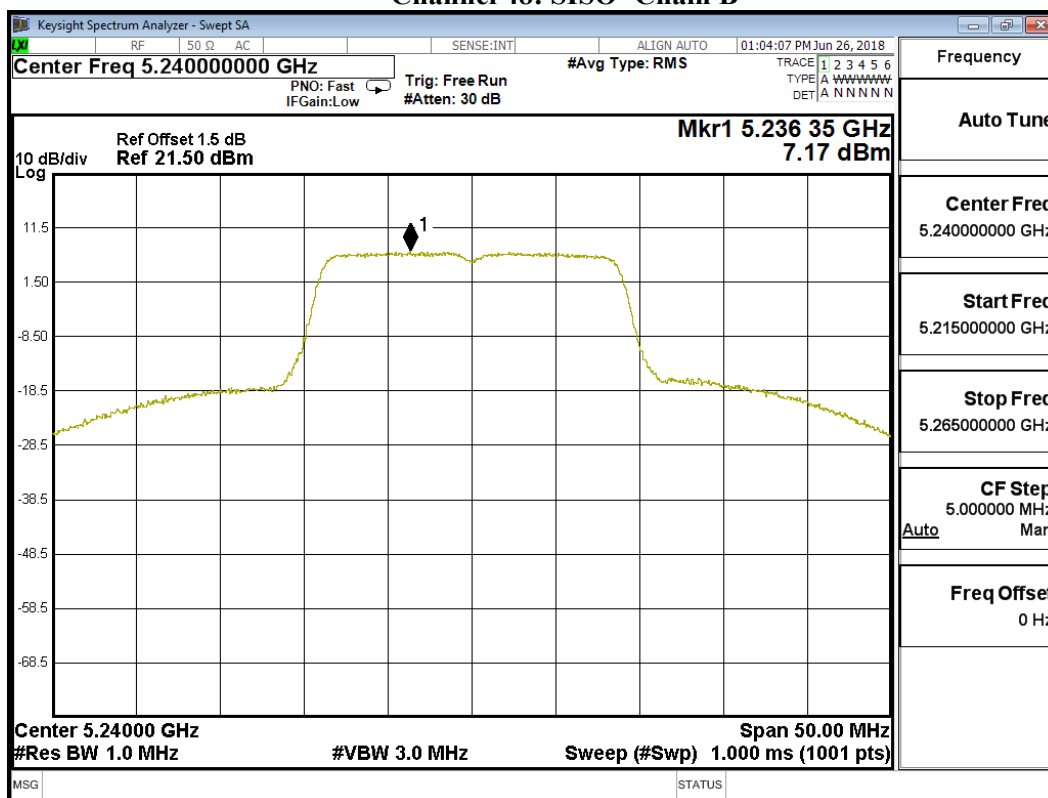
Channel 36: SISO- Chain B



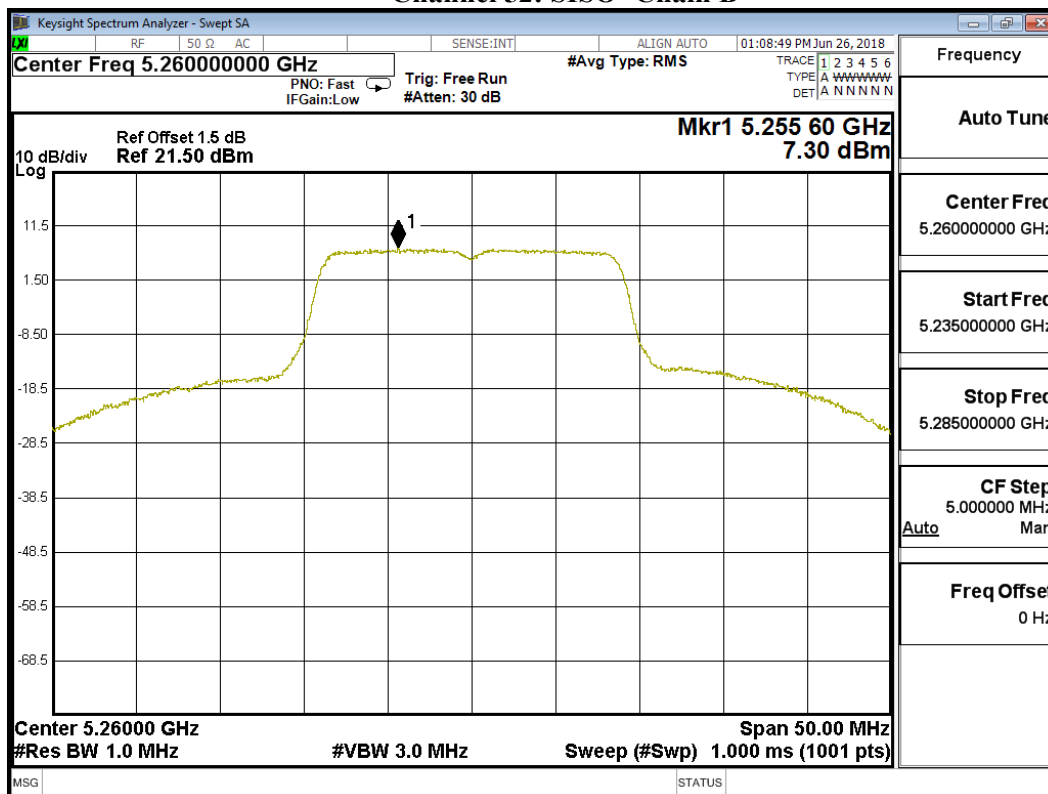
Channel 44: SISO- Chain B



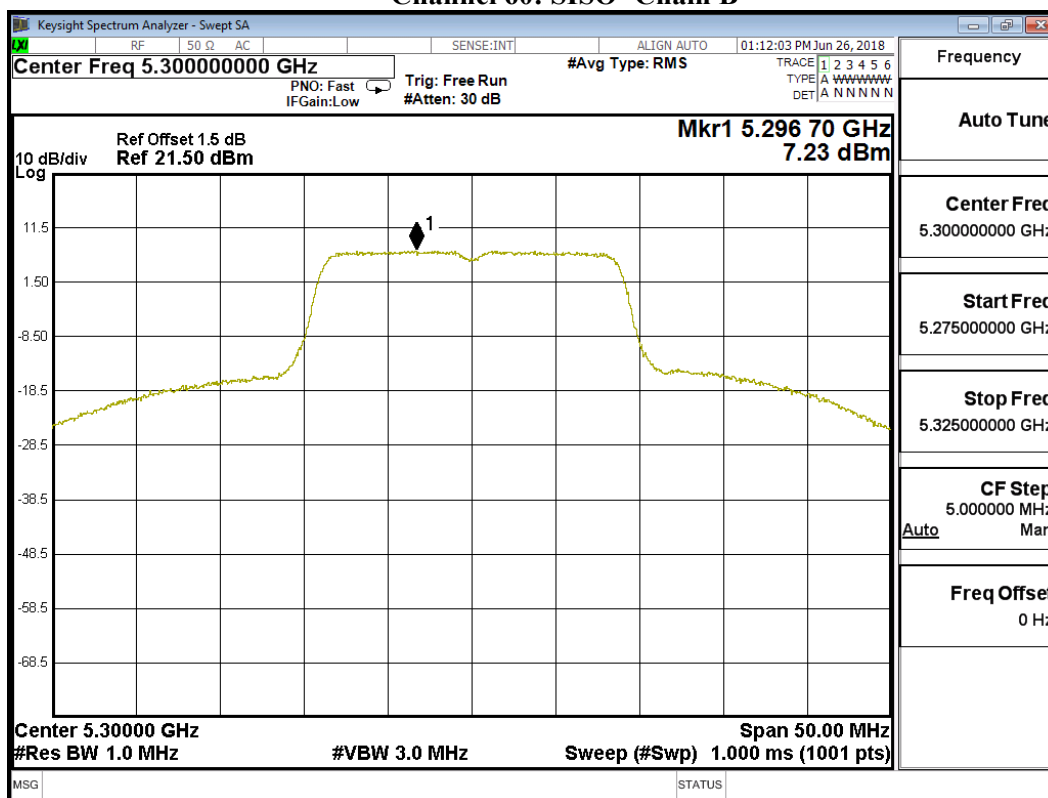
Channel 48: SISO- Chain B



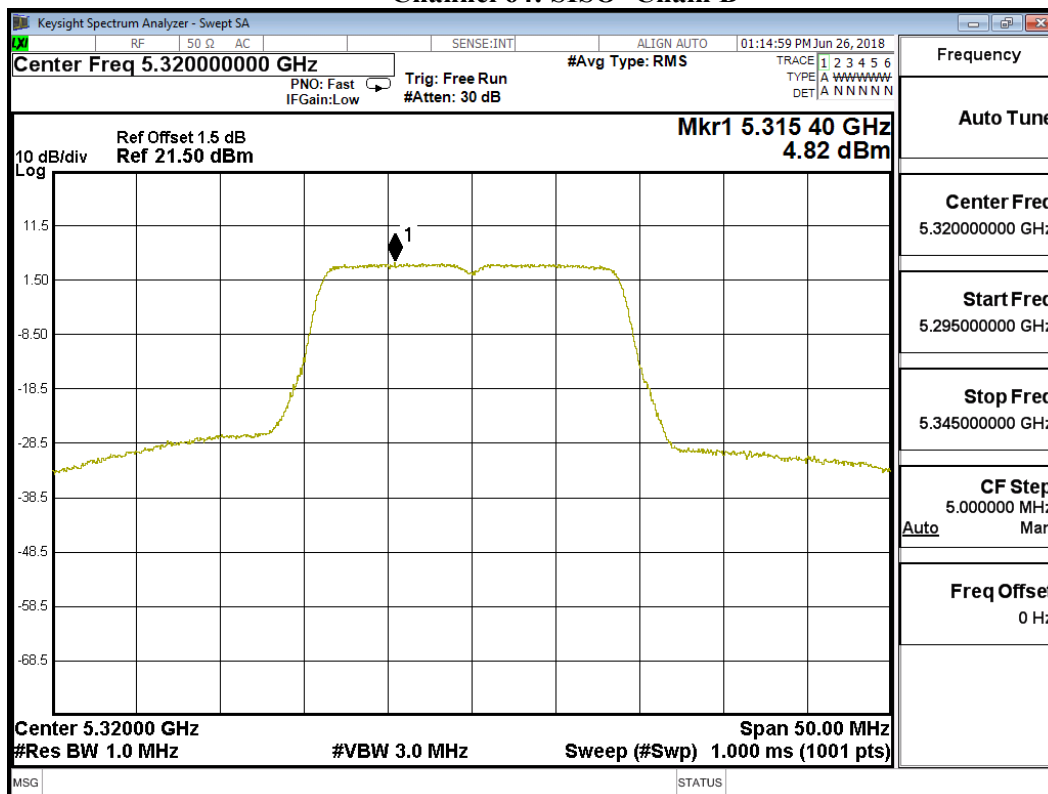
Channel 52: SISO- Chain B



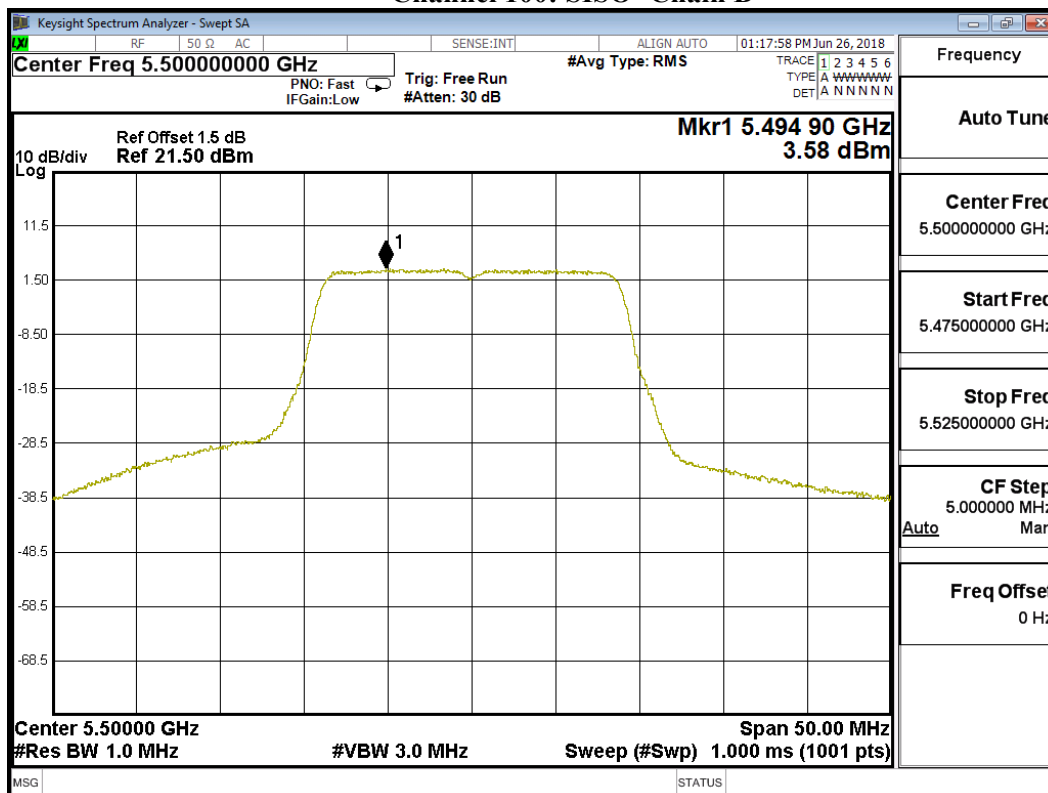
Channel 60: SISO- Chain B



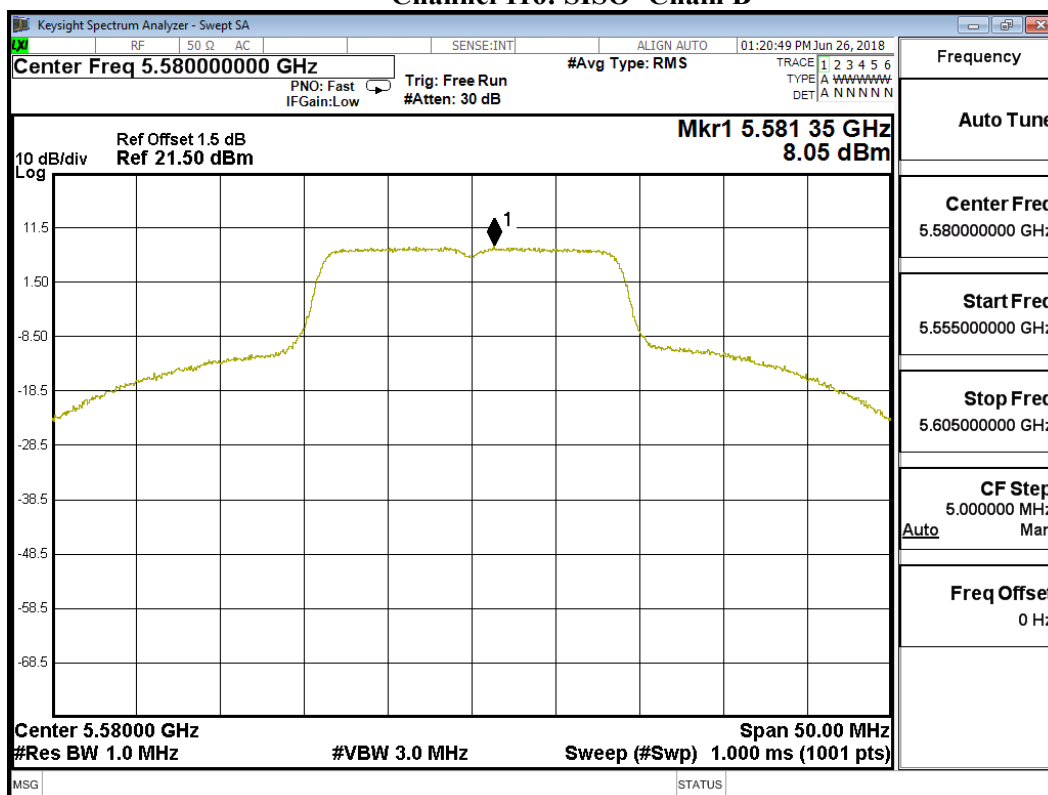
Channel 64: SISO- Chain B



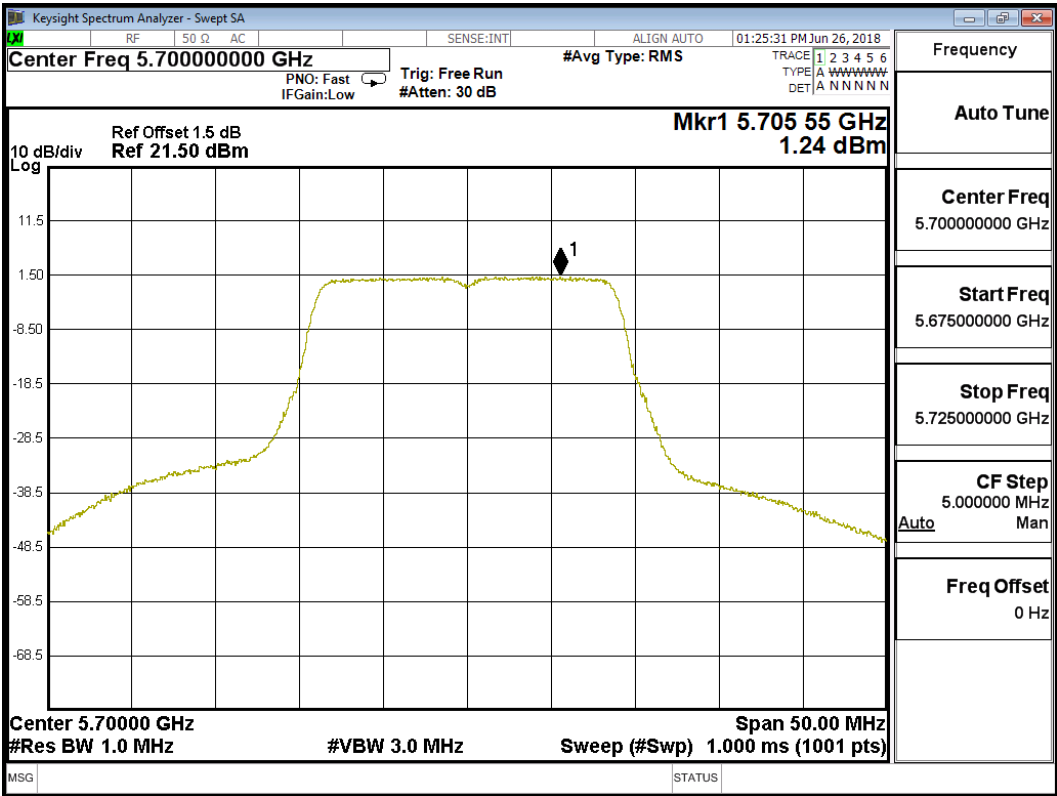
Channel 100: SISO- Chain B



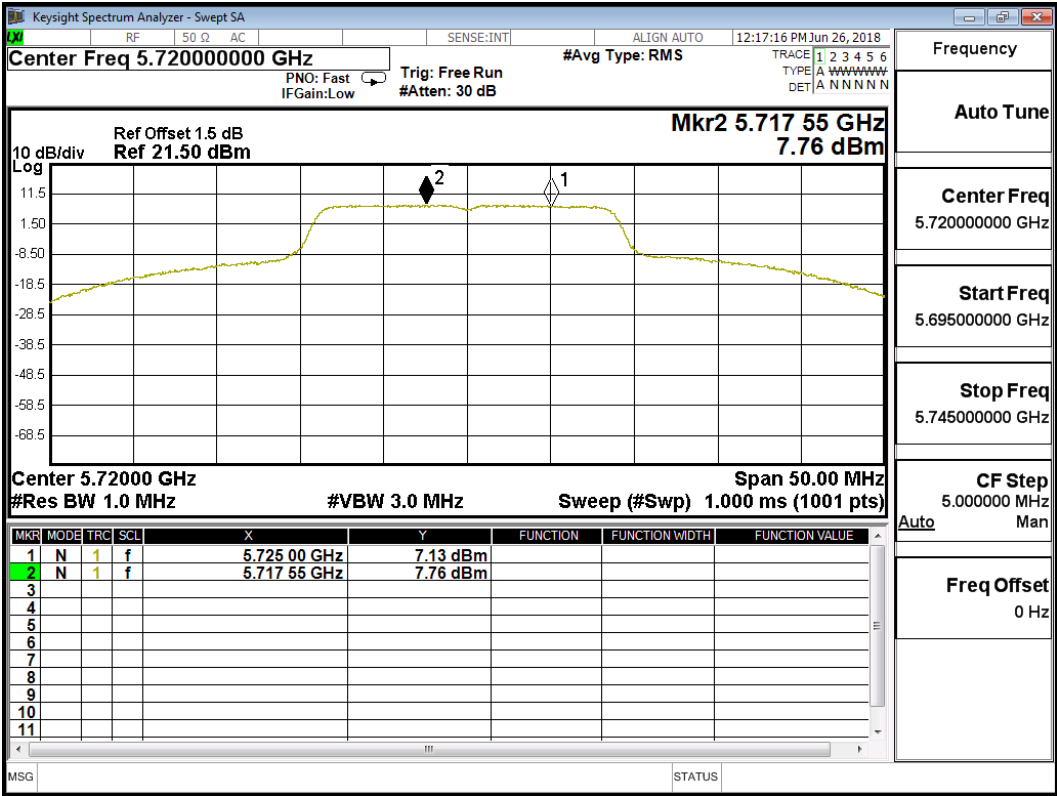
Channel 116: SISO- Chain B



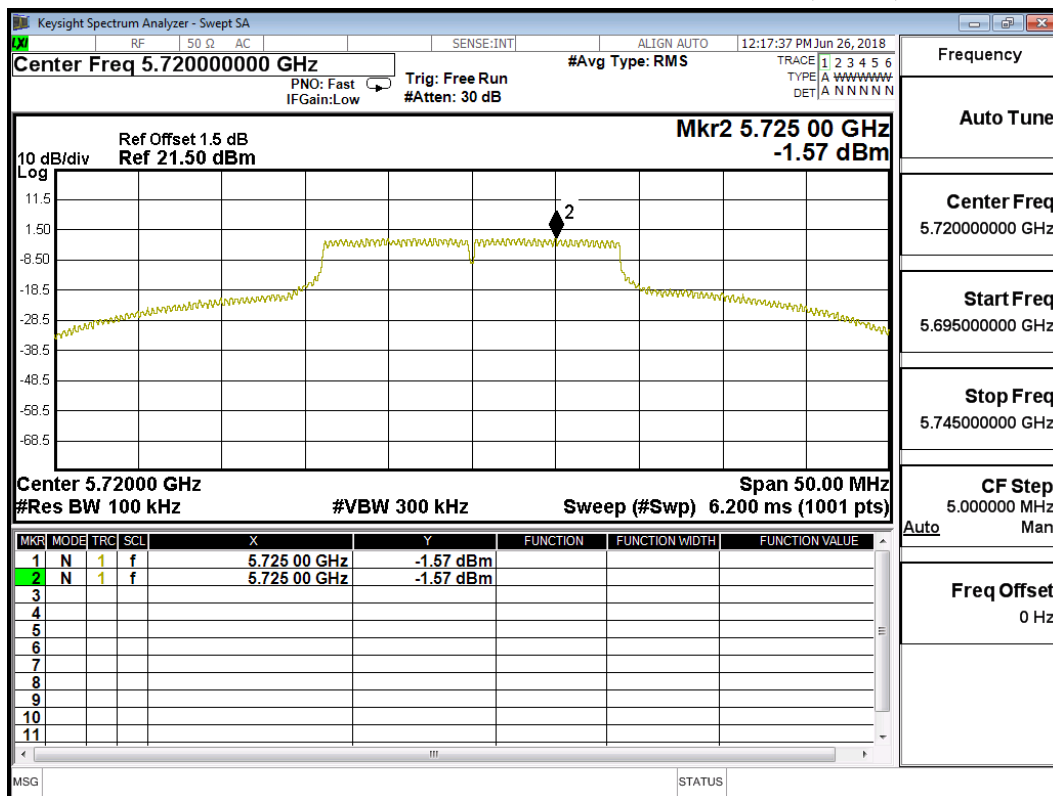
Channel 140: SISO- Chain B



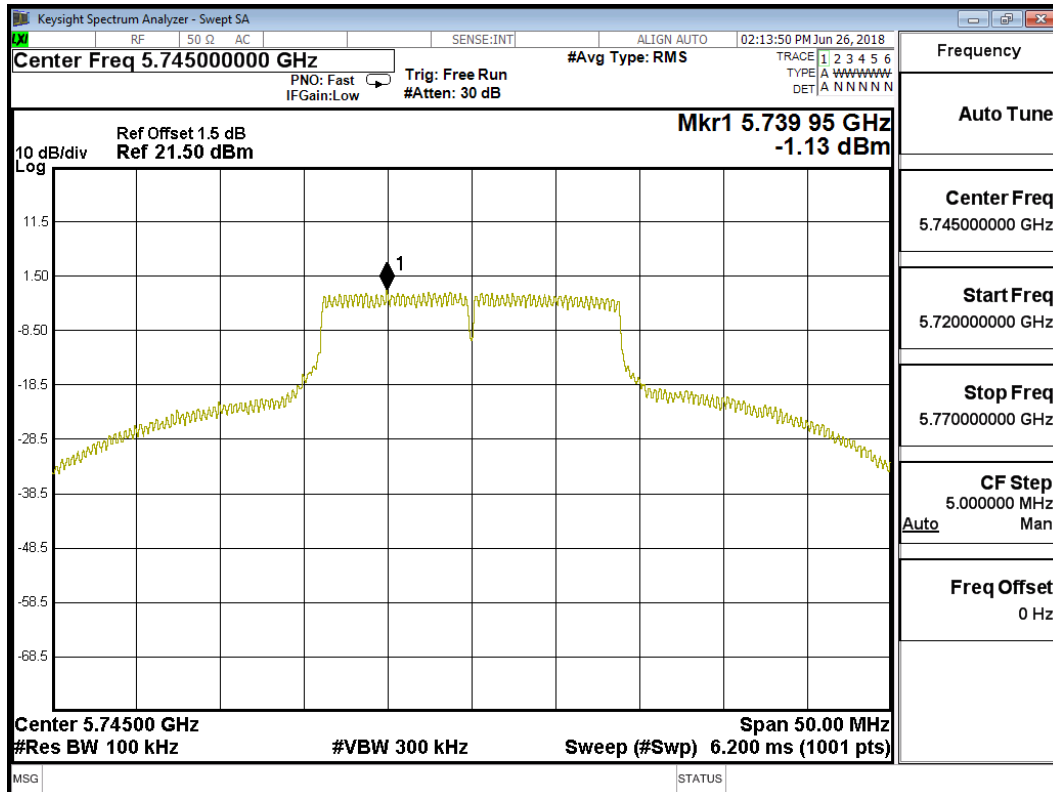
Channel 144: SISO- Chain B (Band3)



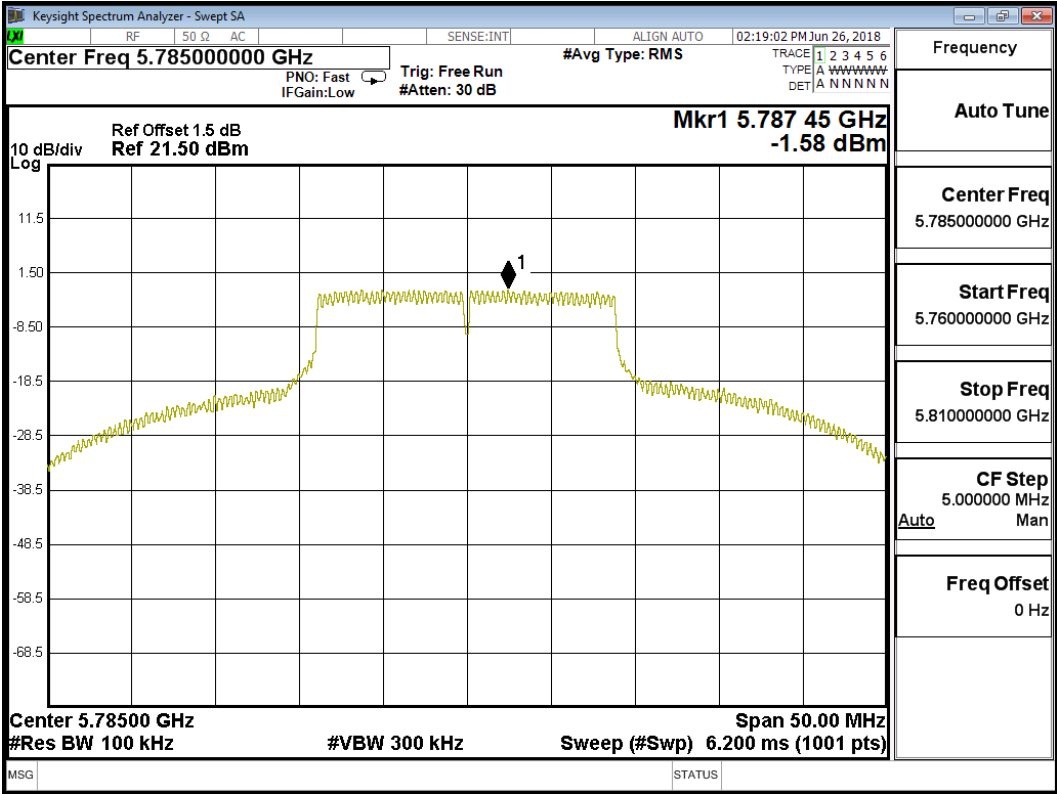
Channel 144: SISO- Chain B (Band4)



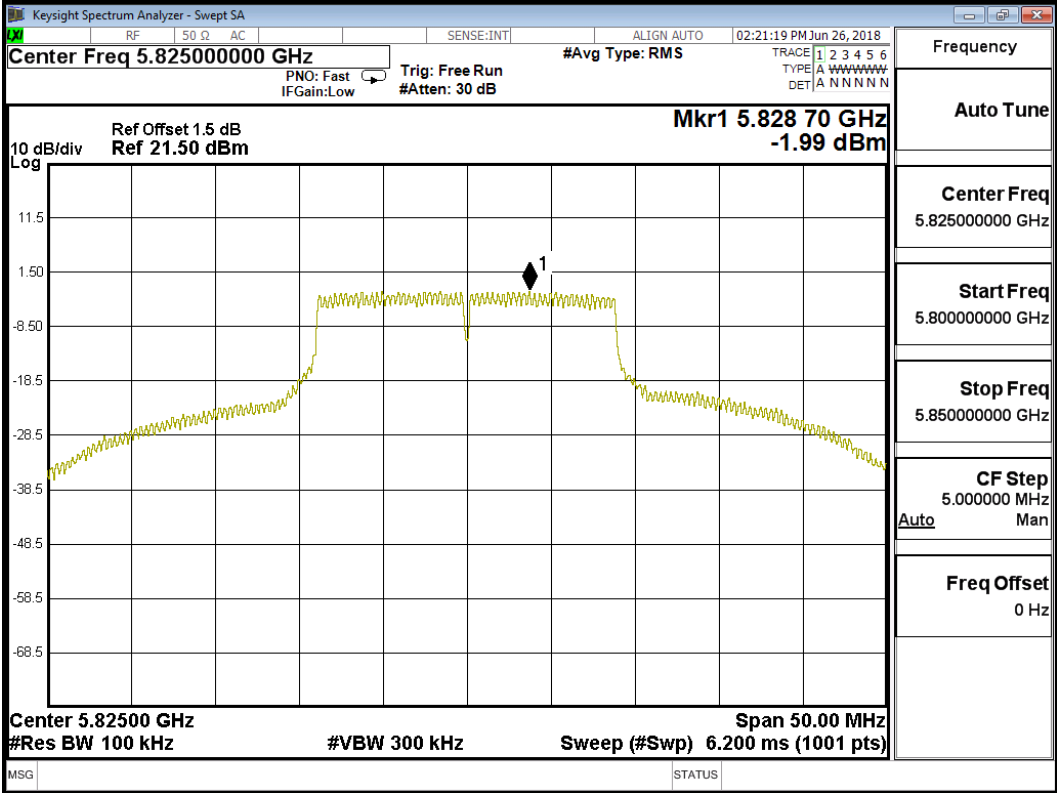
Channel 149: SISO- Chain B



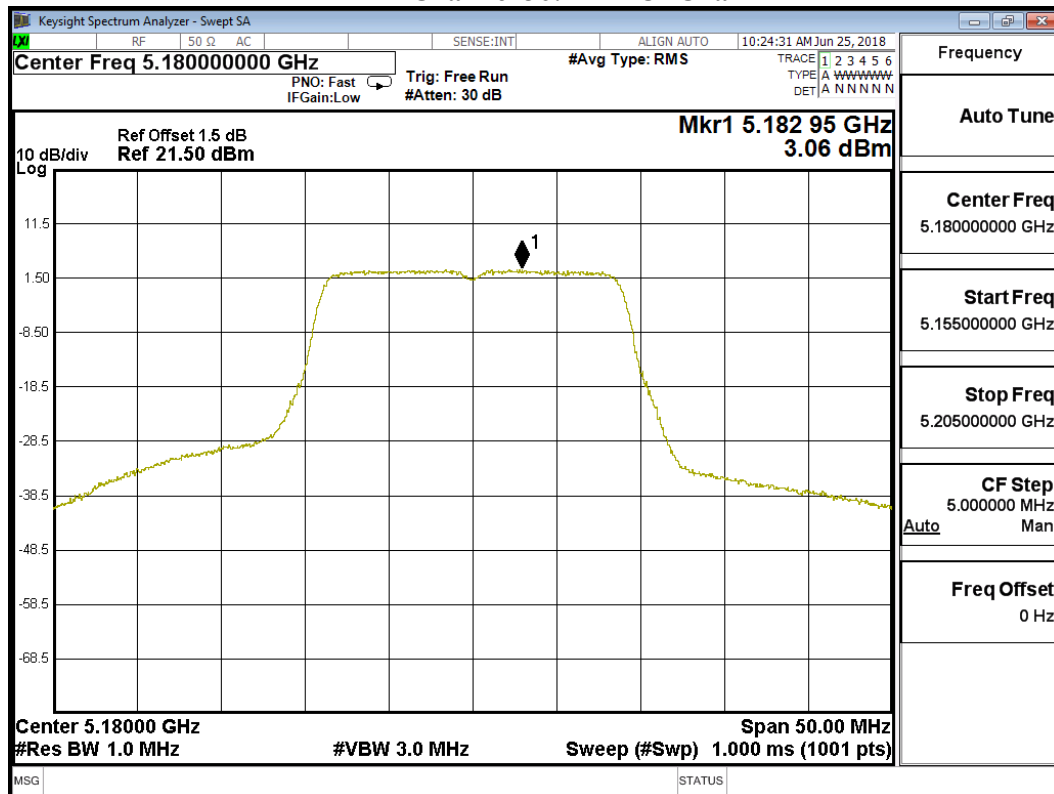
Channel 157: SISO- Chain B



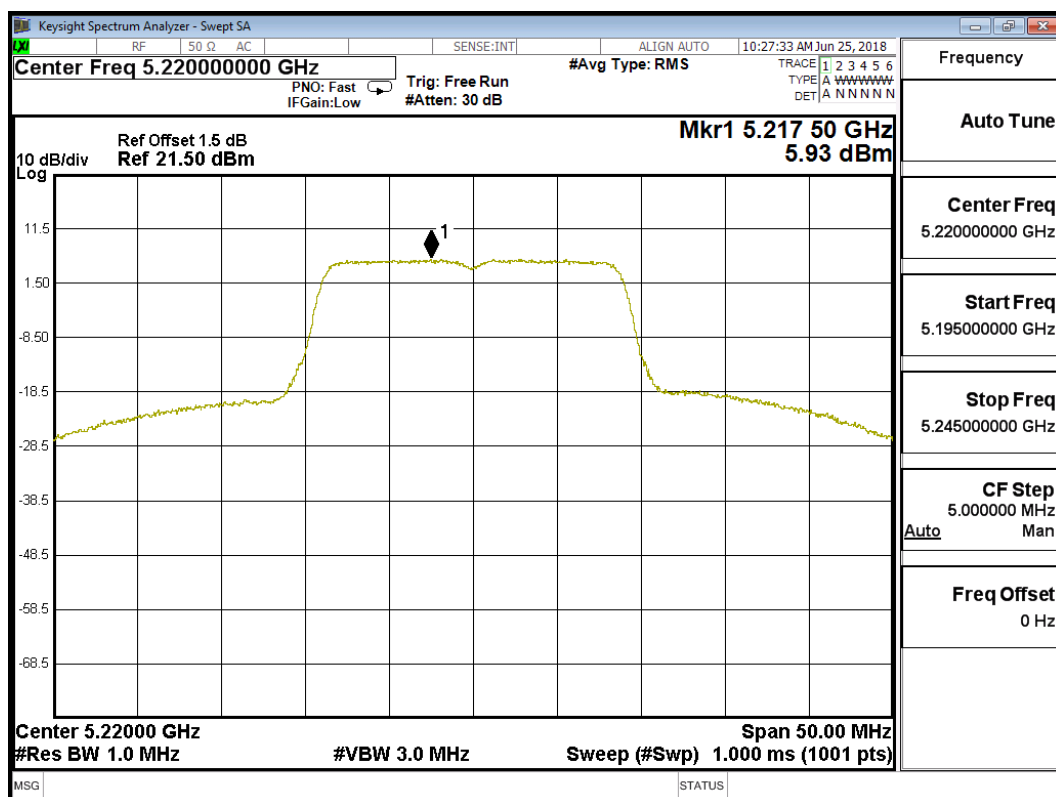
Channel 165: SISO- Chain B



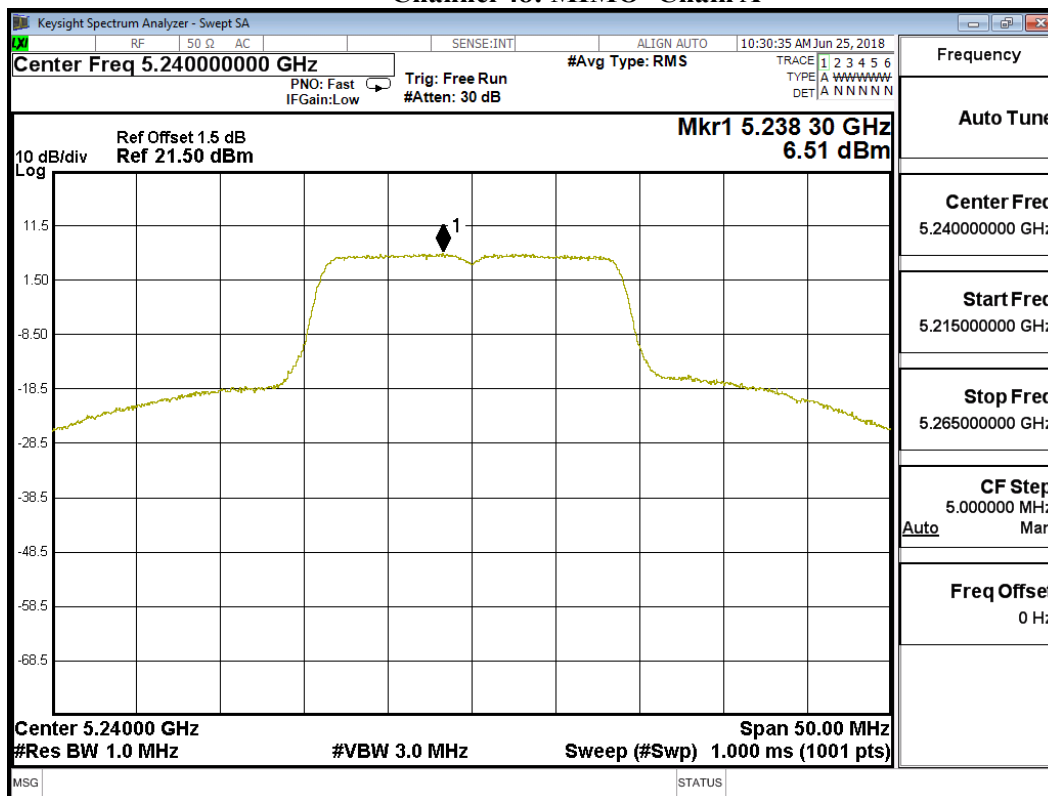
Channel 36: MIMO- Chain A



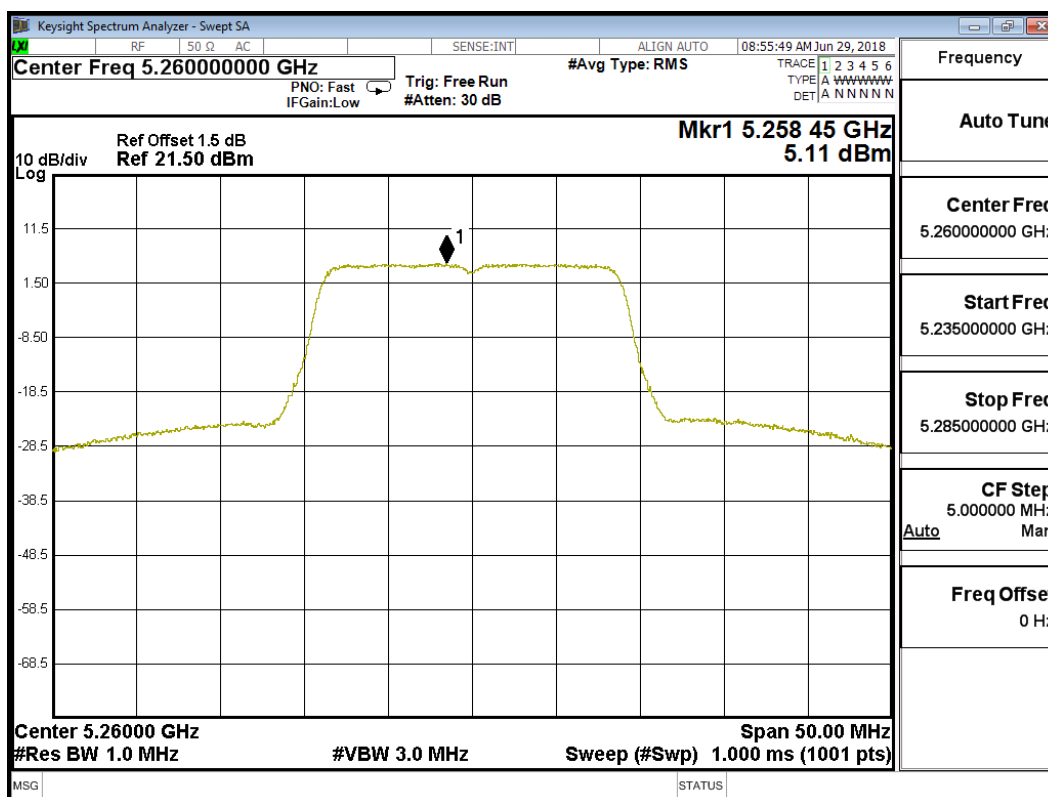
Channel 44: MIMO- Chain A



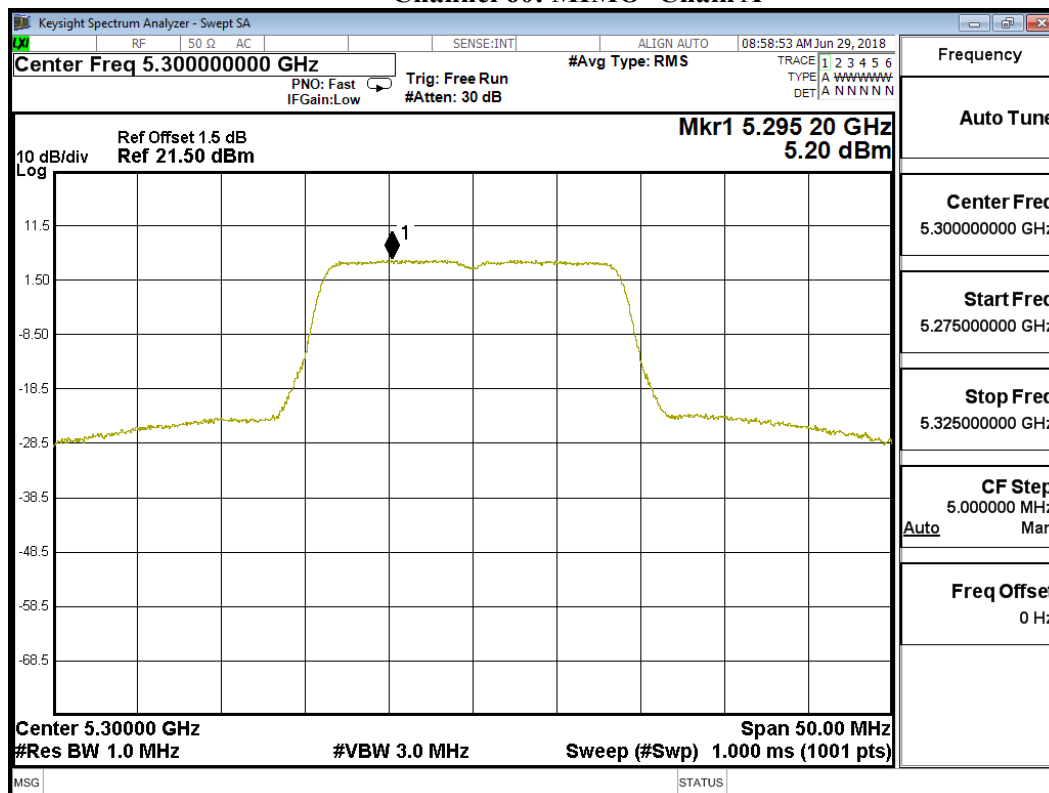
Channel 48: MIMO- Chain A



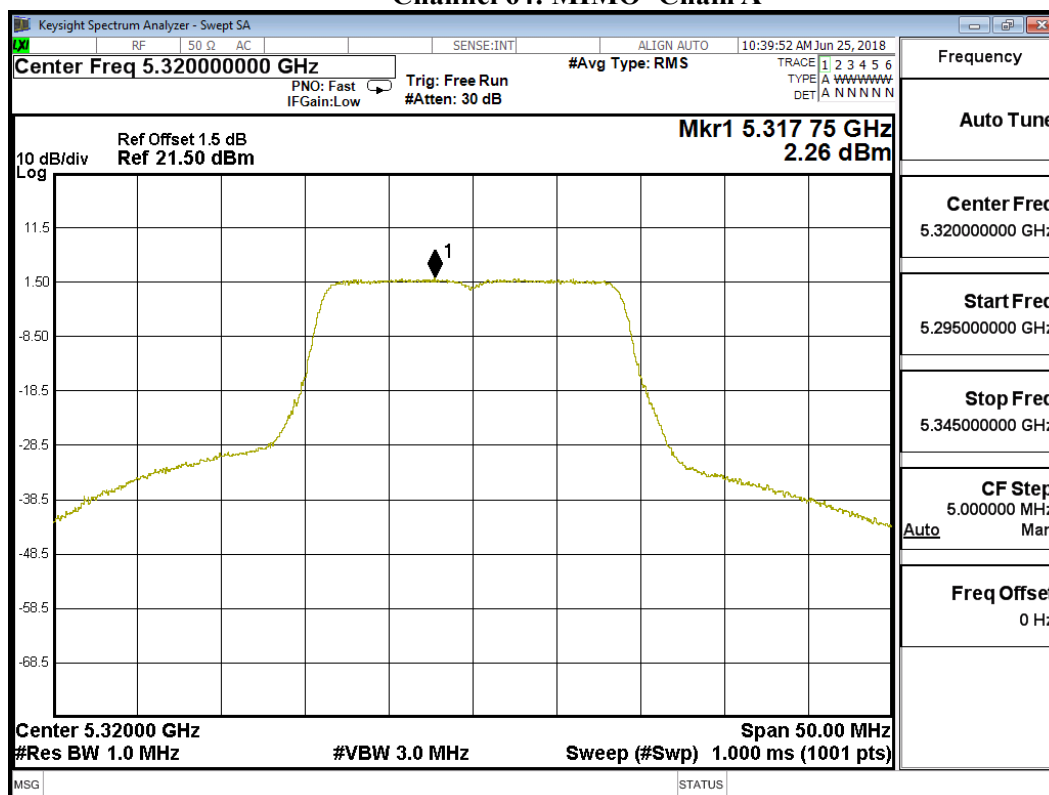
Channel 52: MIMO- Chain A



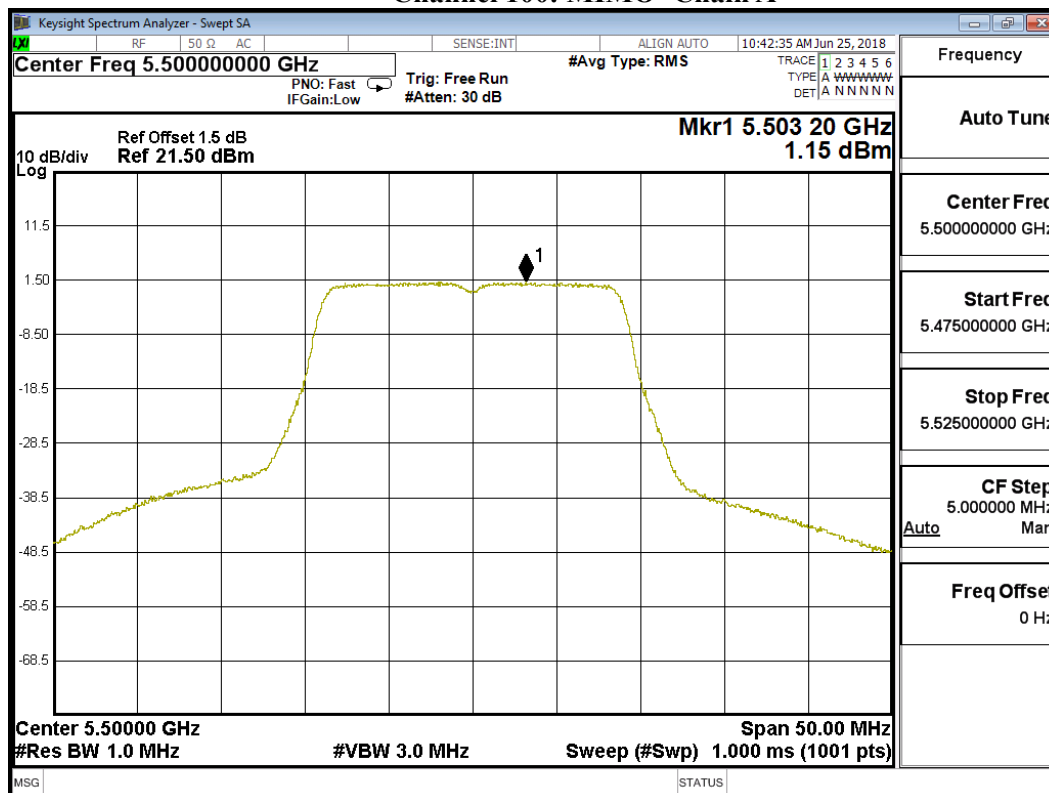
Channel 60: MIMO- Chain A



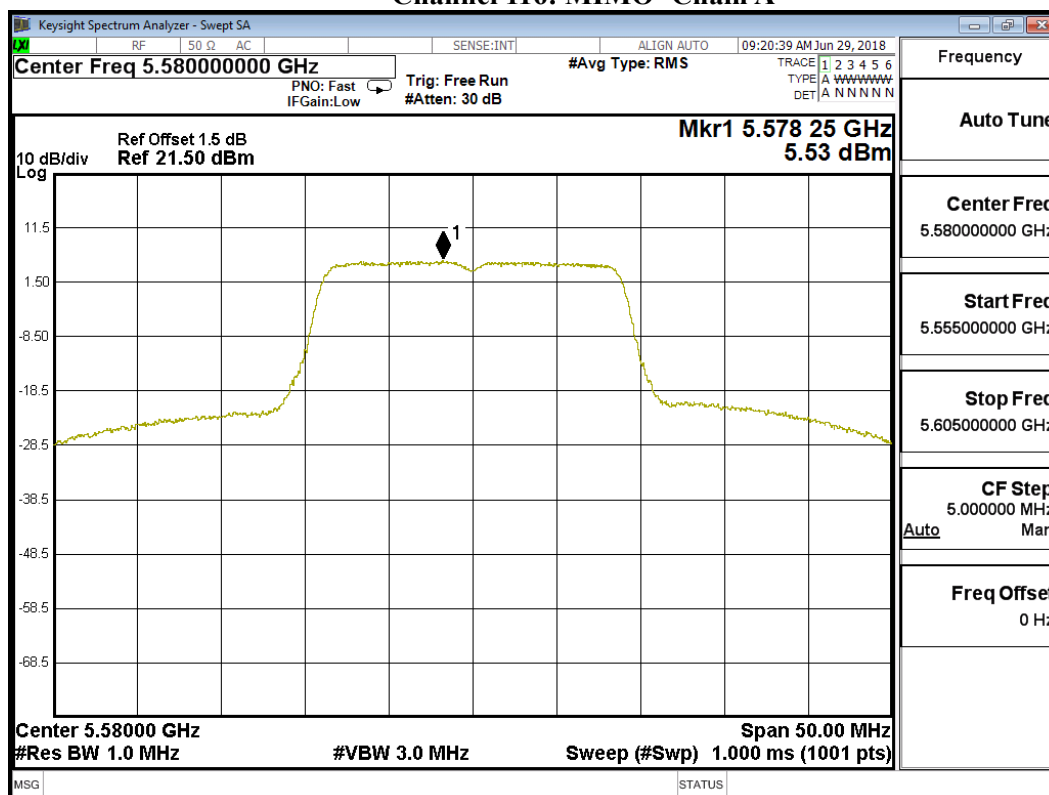
Channel 64: MIMO- Chain A



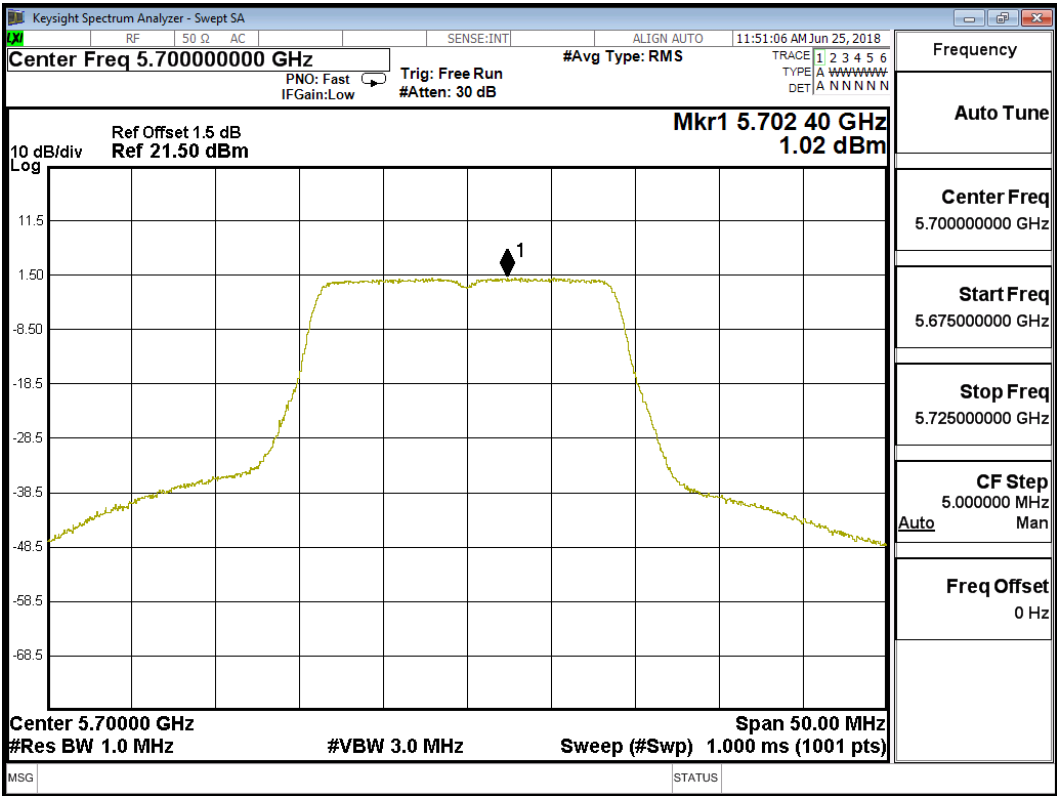
Channel 100: MIMO- Chain A



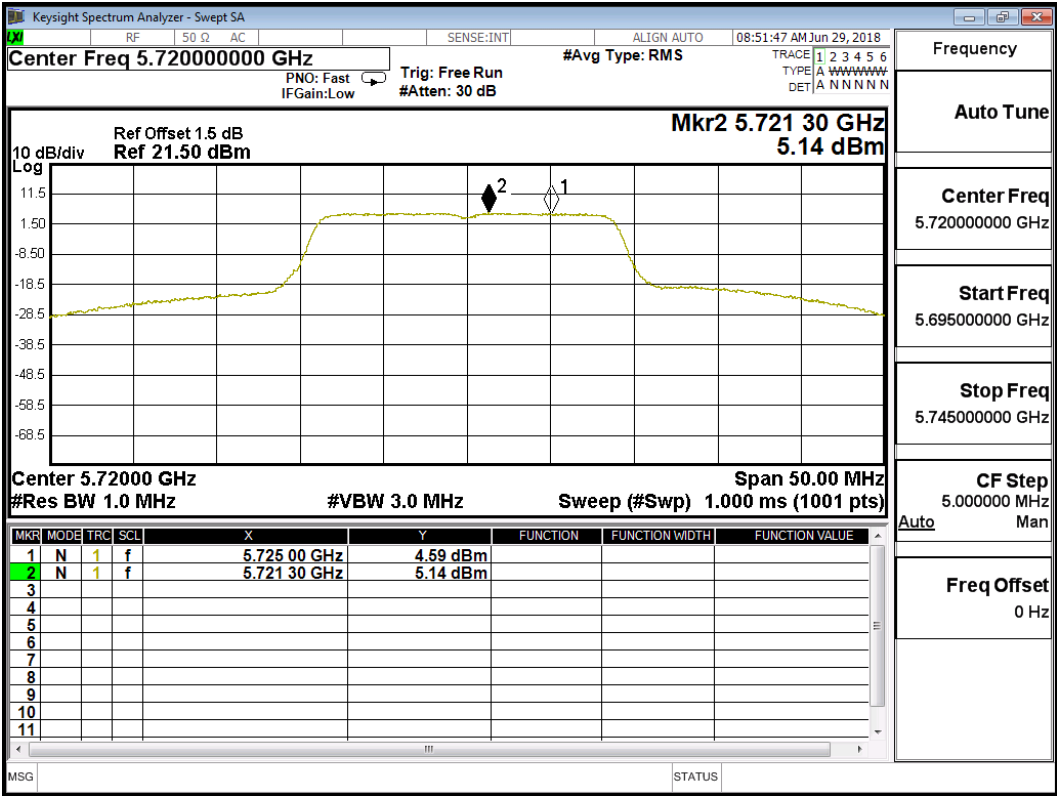
Channel 116: MIMO- Chain A



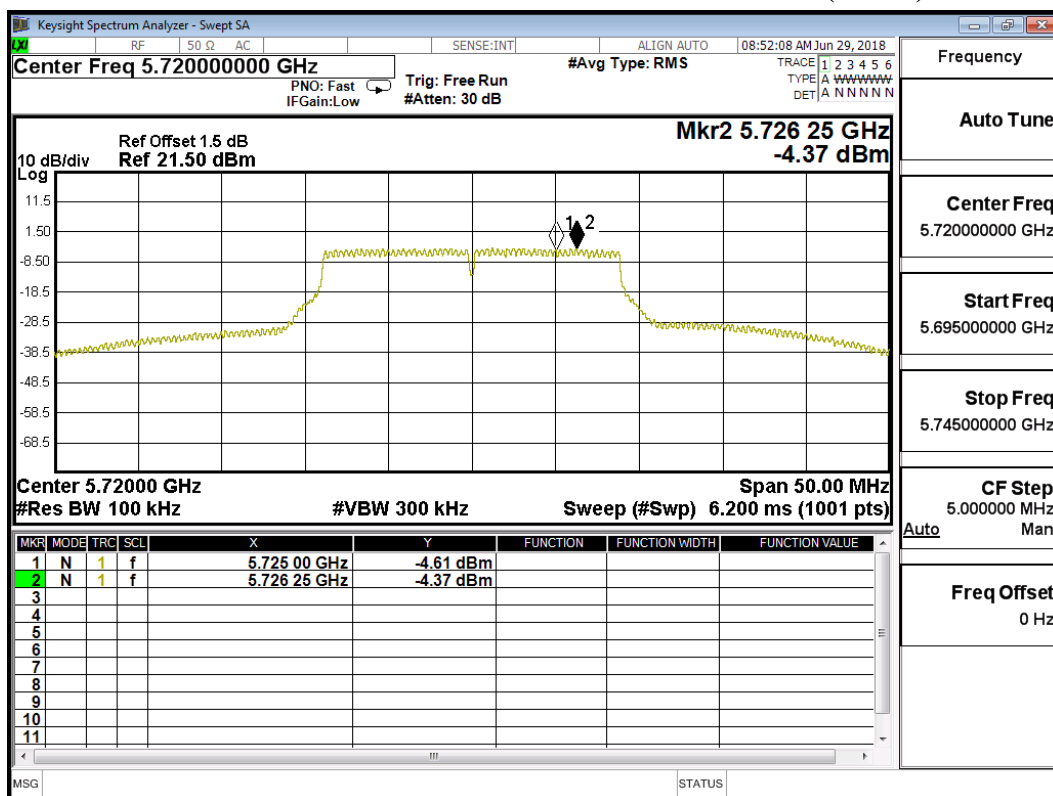
Channel 140: MIMO- Chain A



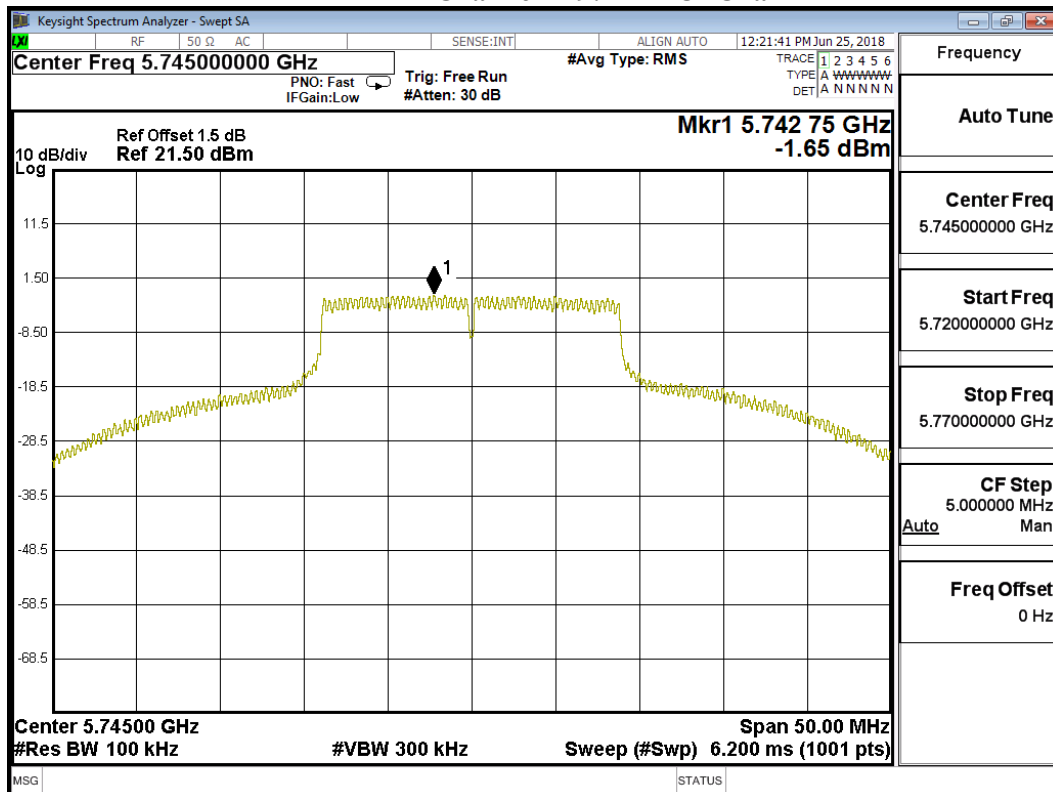
Channel 144: MIMO- Chain A (Band3)



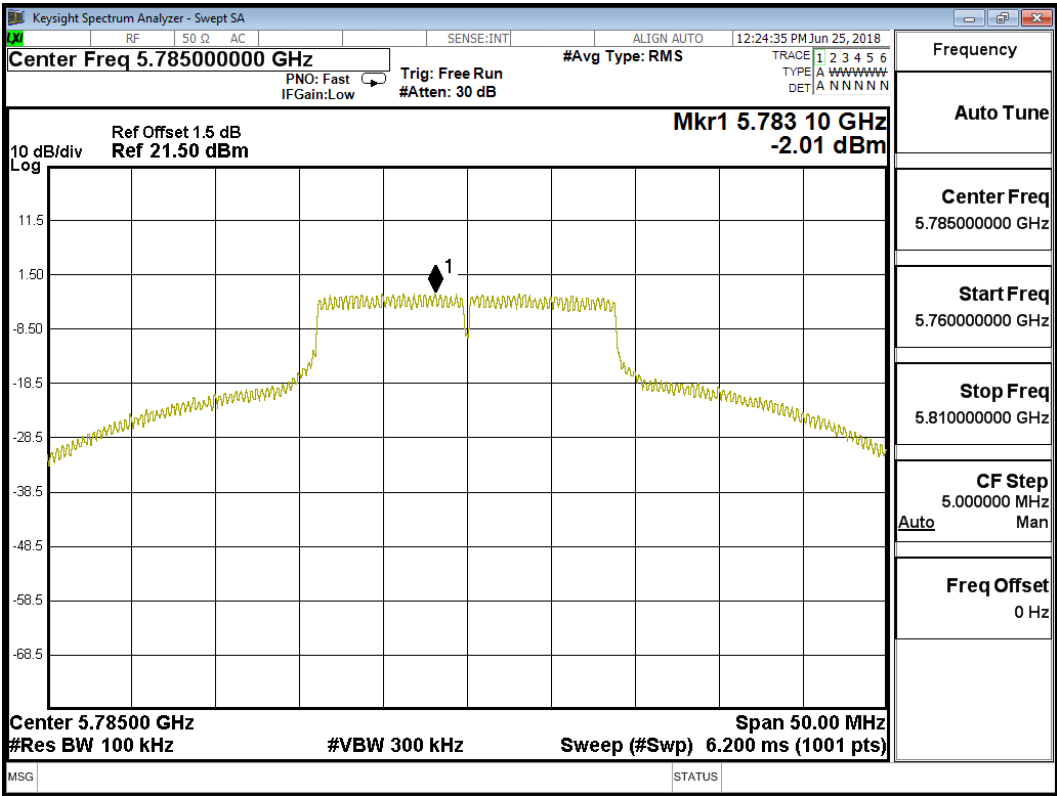
Channel 144: MIMO- Chain A (Band4)



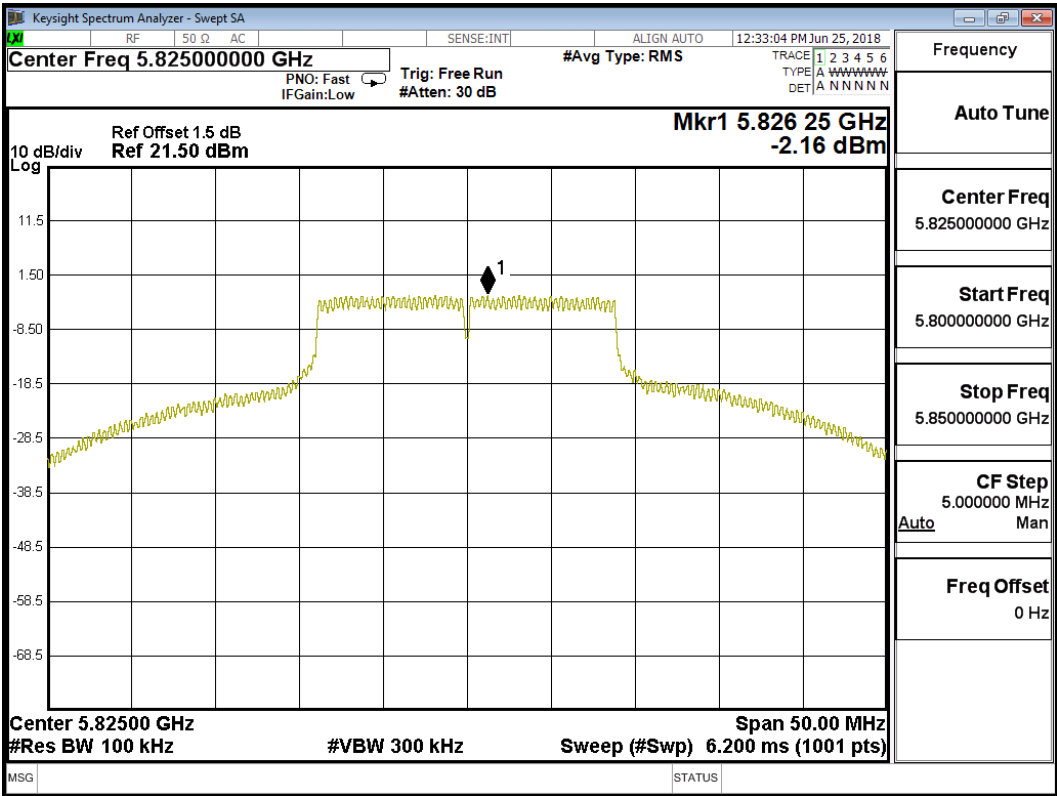
Channel 149: MIMO- Chain A



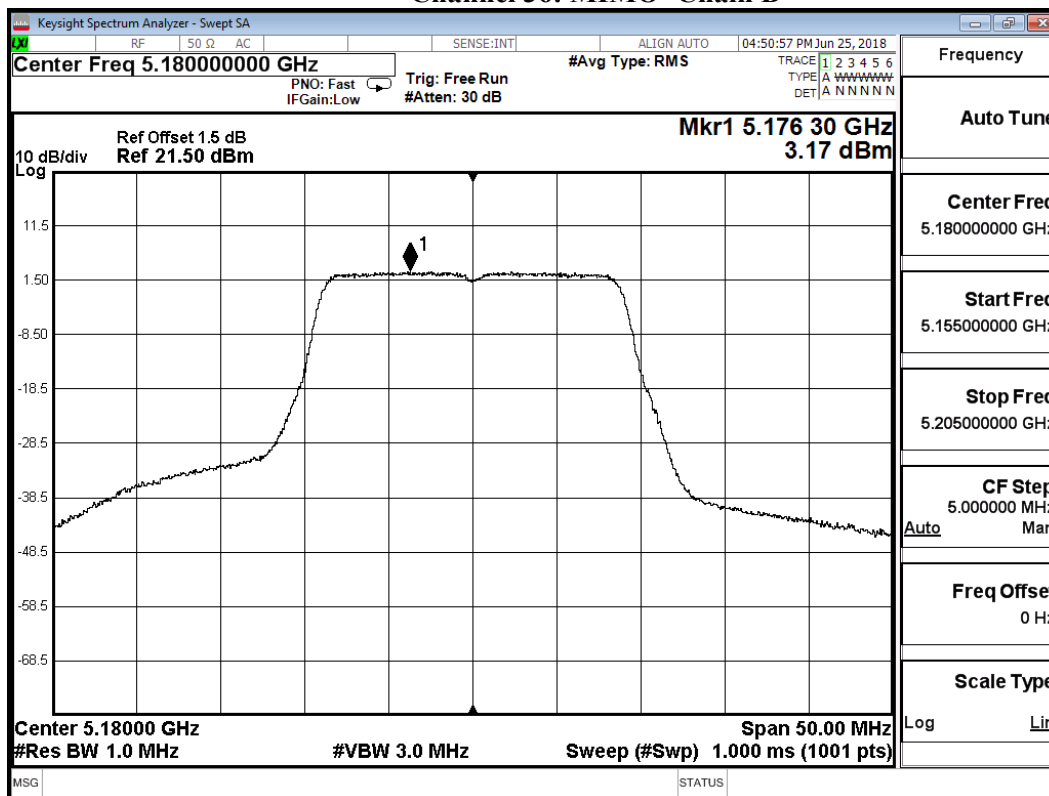
Channel 157: MIMO- Chain A



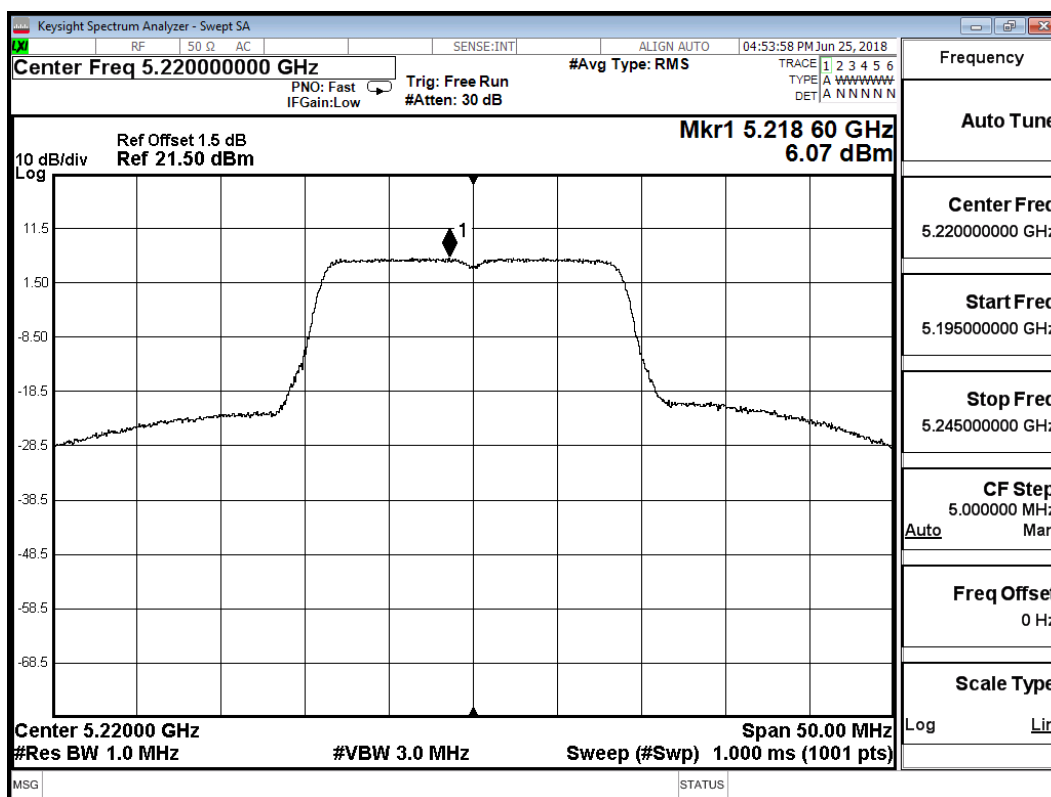
Channel 165: MIMO- Chain A



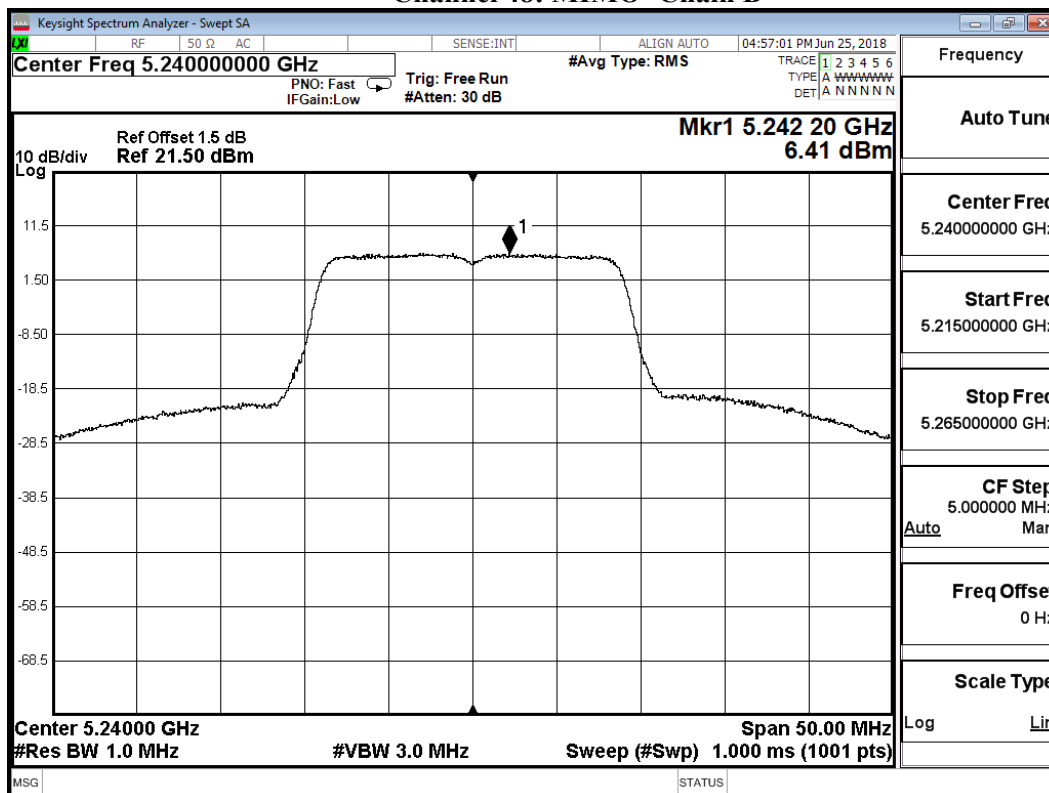
Channel 36: MIMO- Chain B



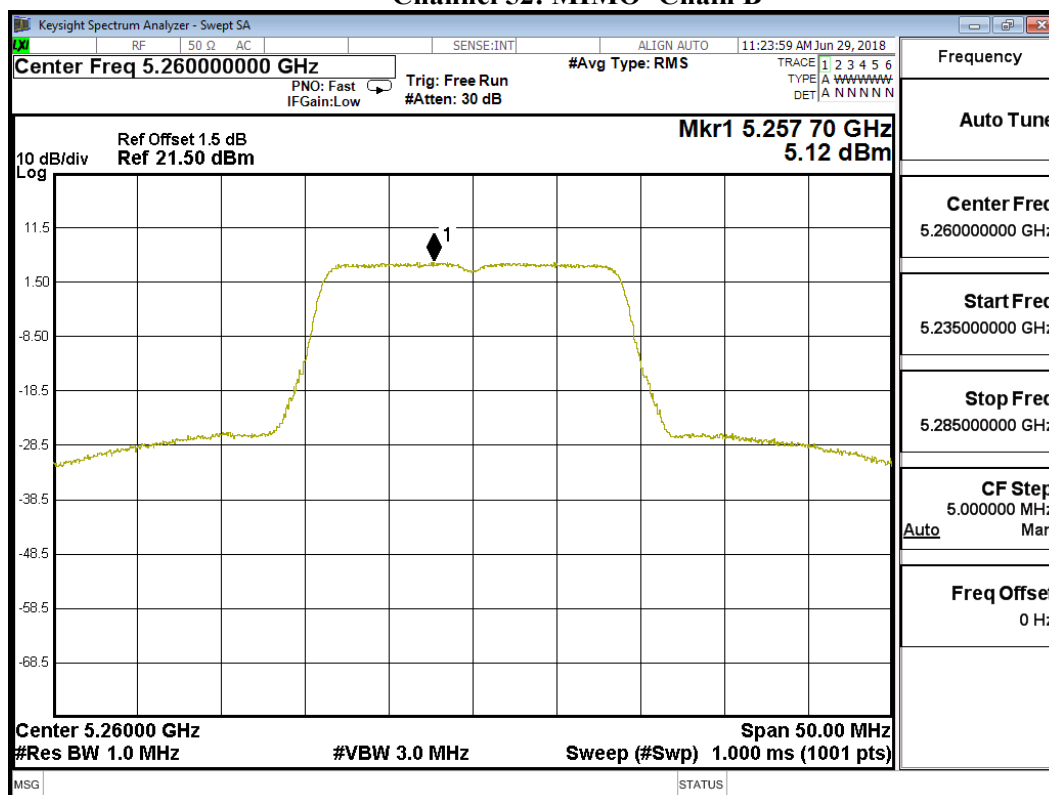
Channel 44: MIMO- Chain B



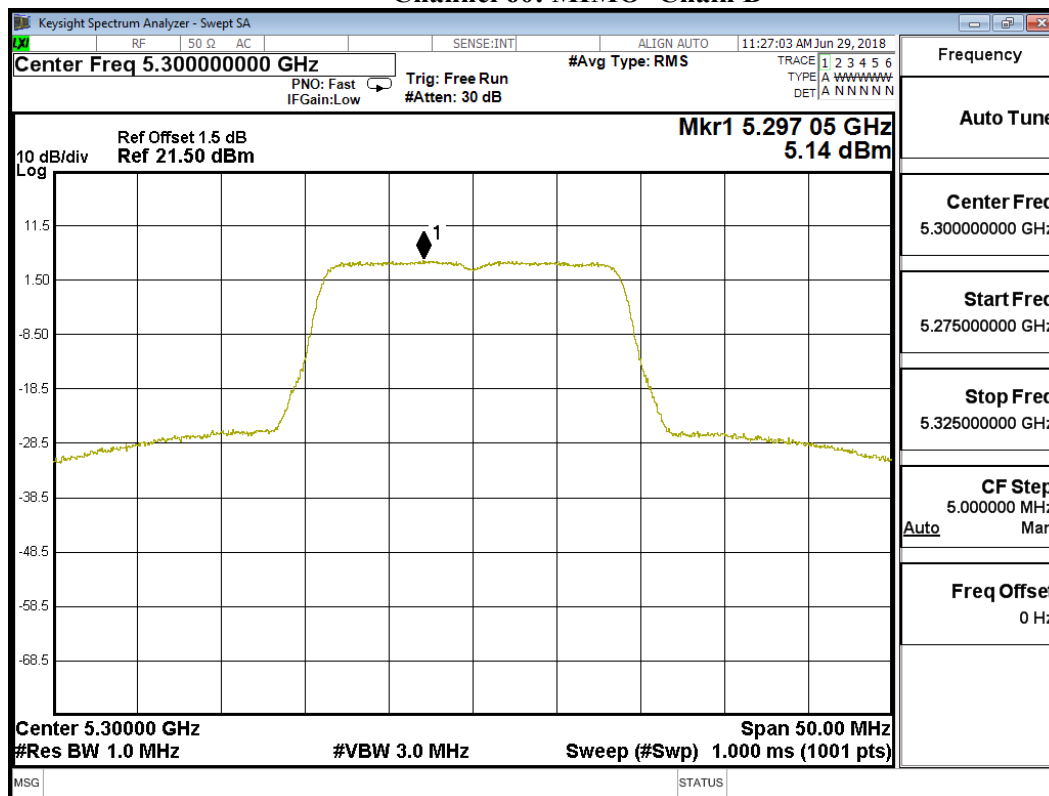
Channel 48: MIMO- Chain B



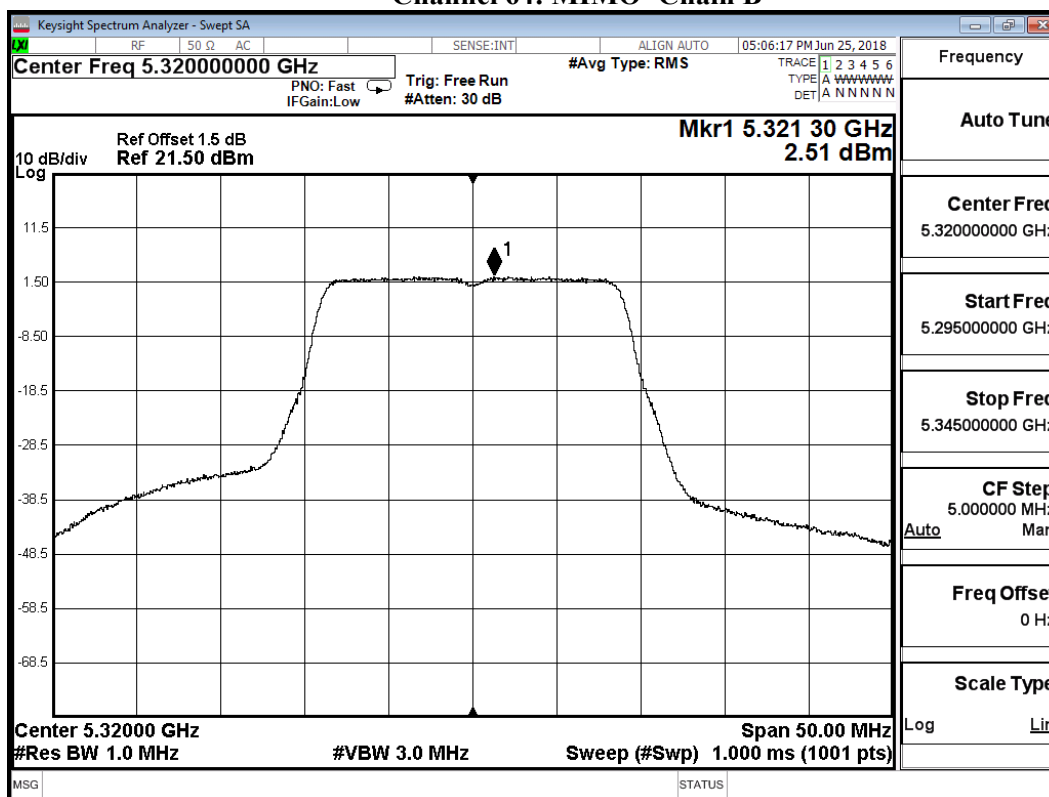
Channel 52: MIMO- Chain B



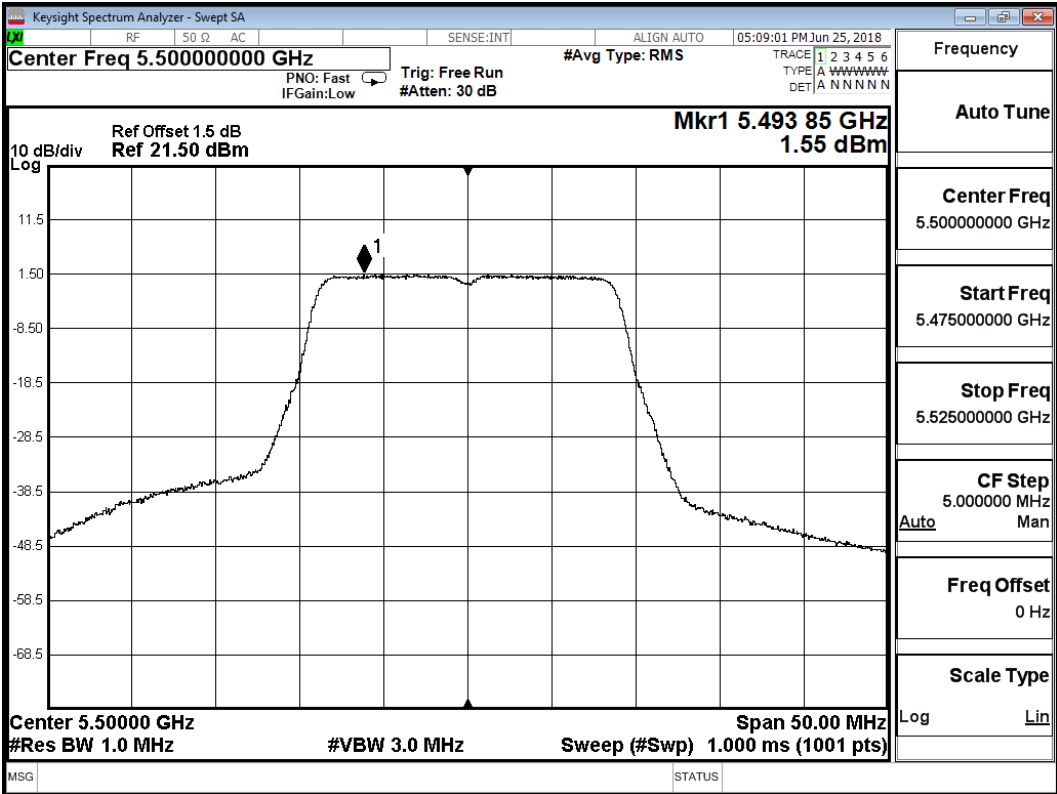
Channel 60: MIMO- Chain B



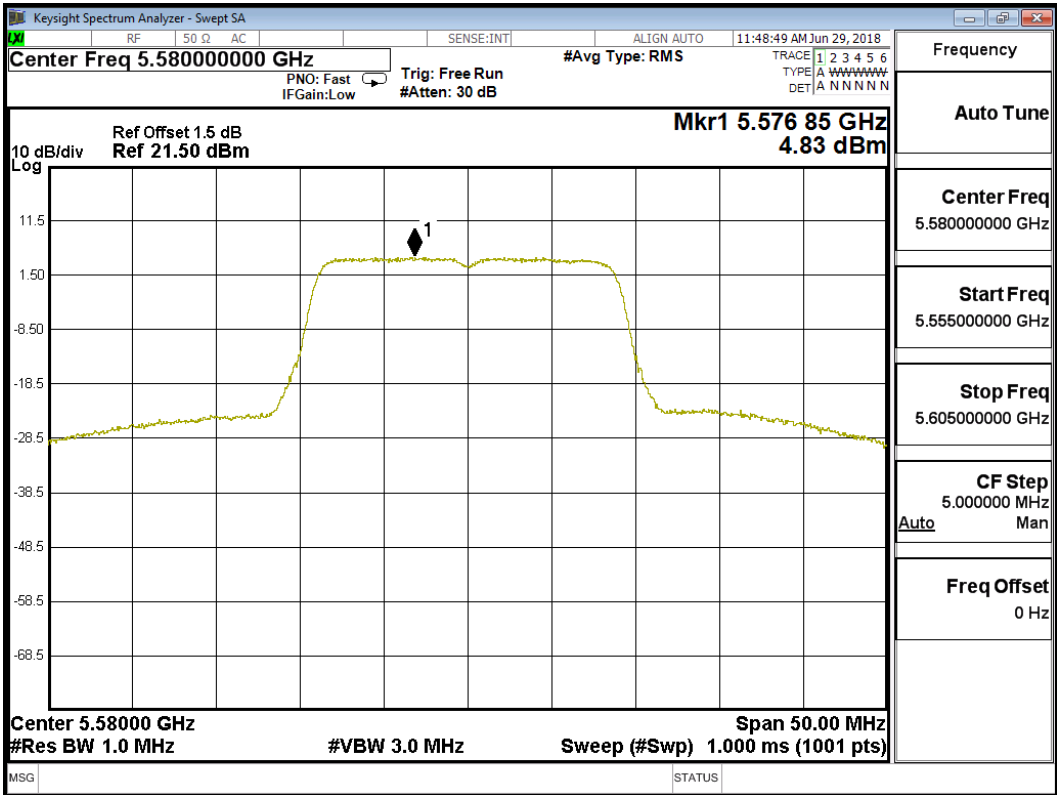
Channel 64: MIMO- Chain B



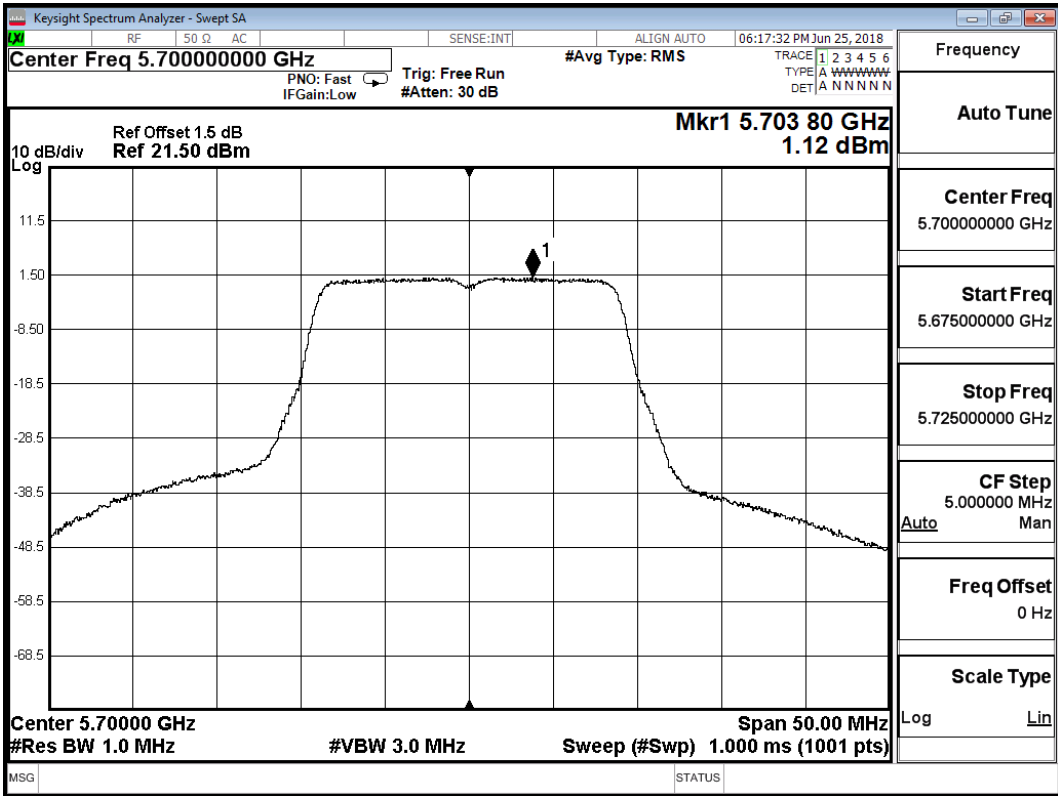
Channel 100: MIMO- Chain B



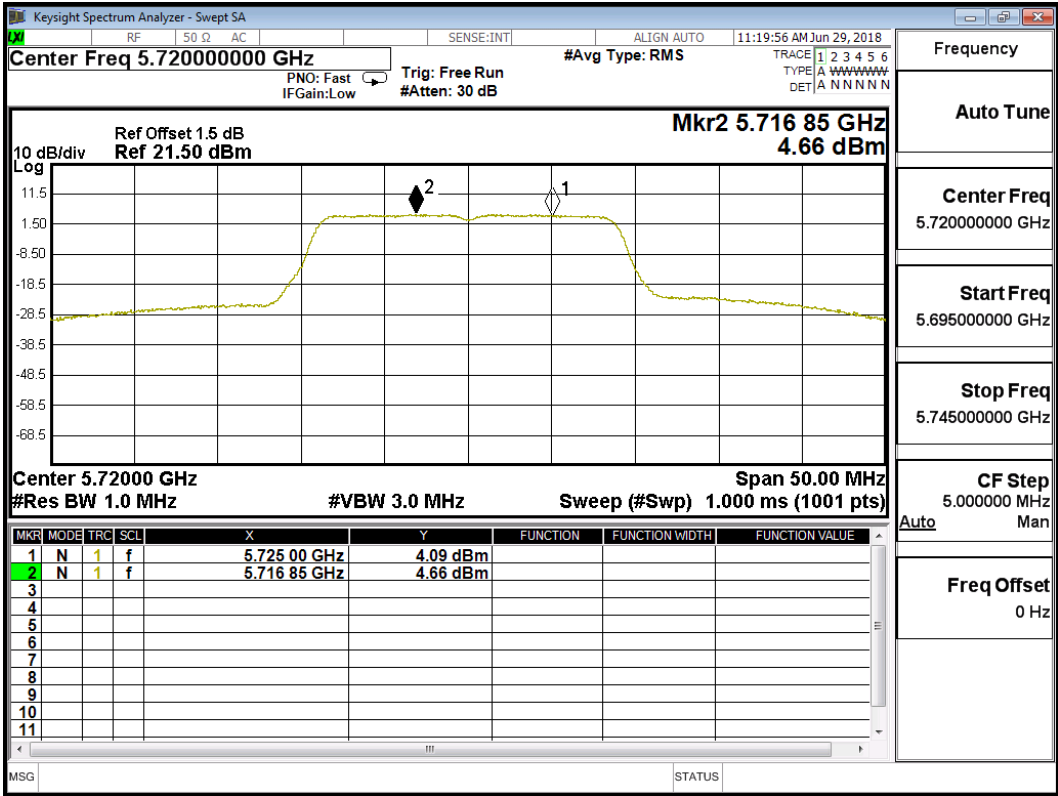
Channel 116: MIMO- Chain B

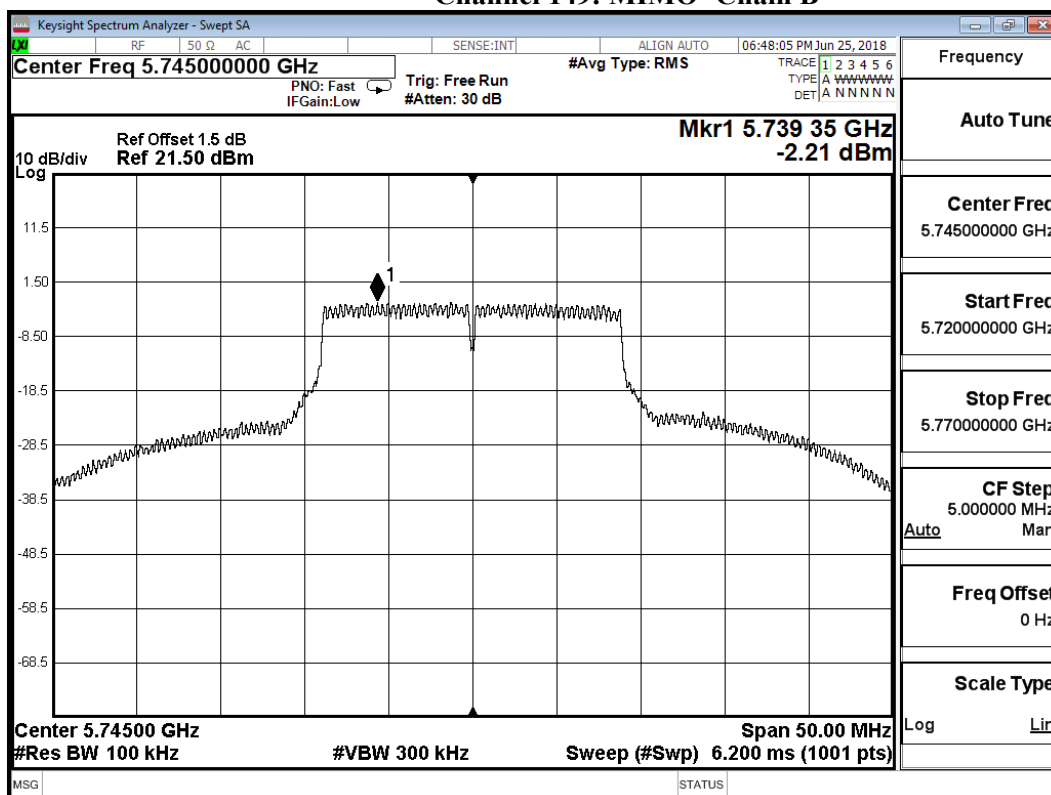
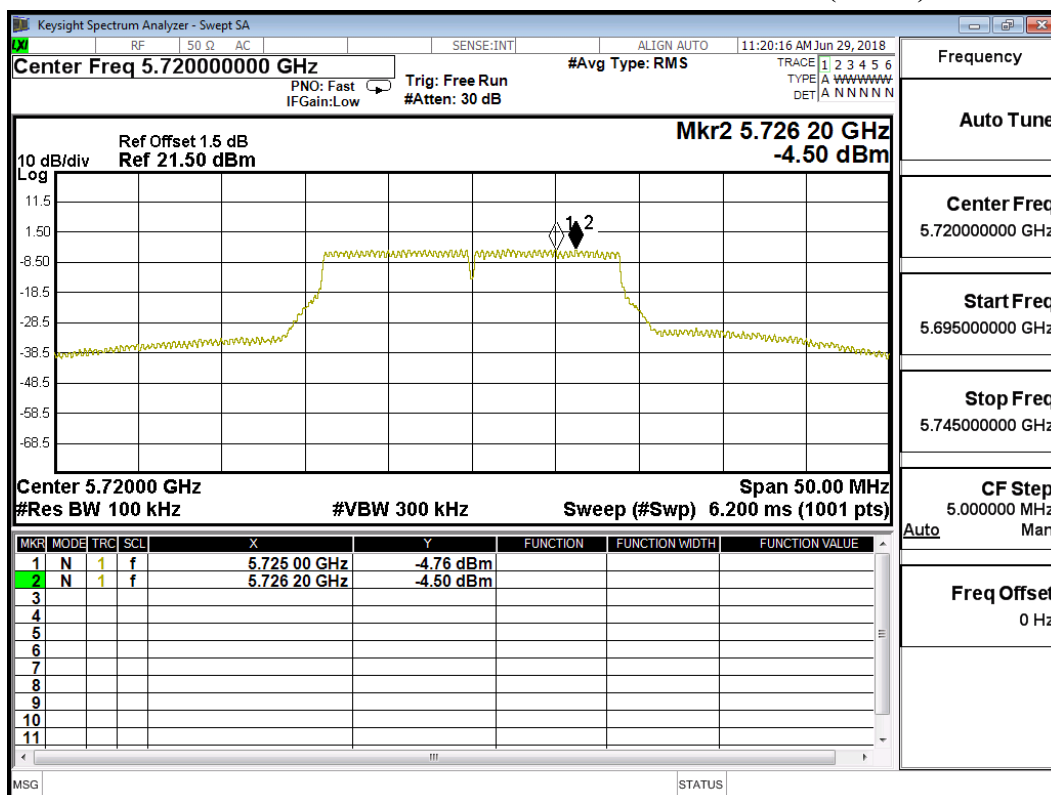


Channel 140: MIMO- Chain B

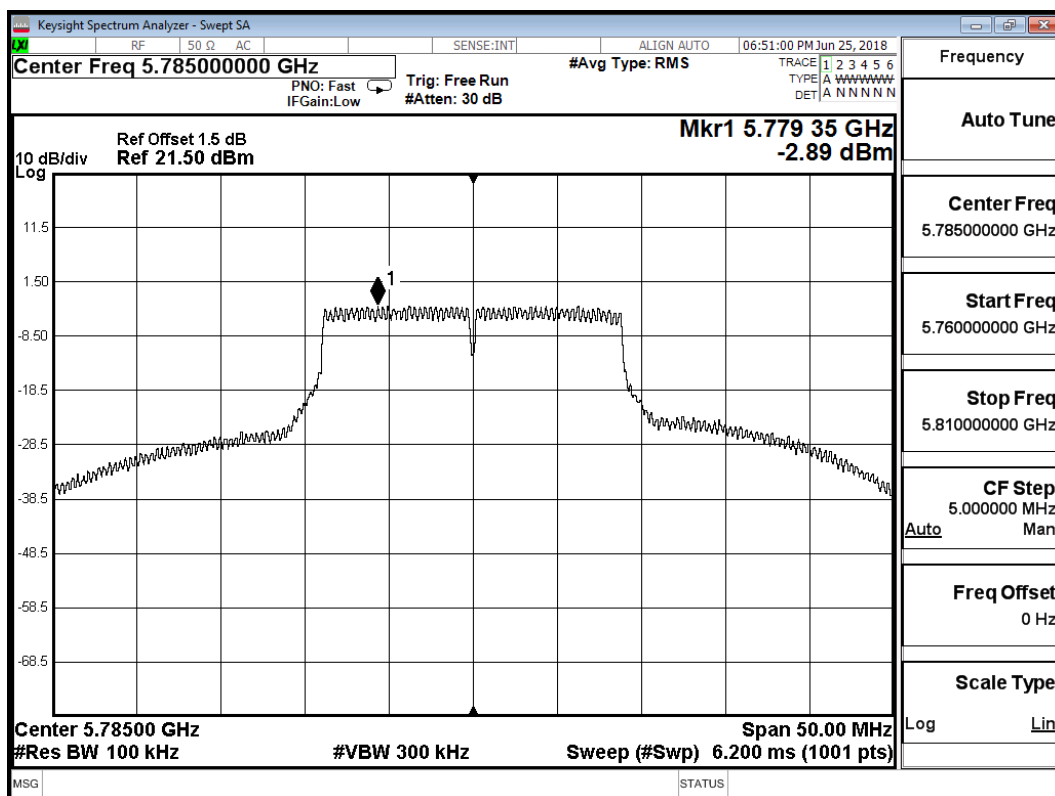


Channel 144: MIMO- Chain B (Band3)

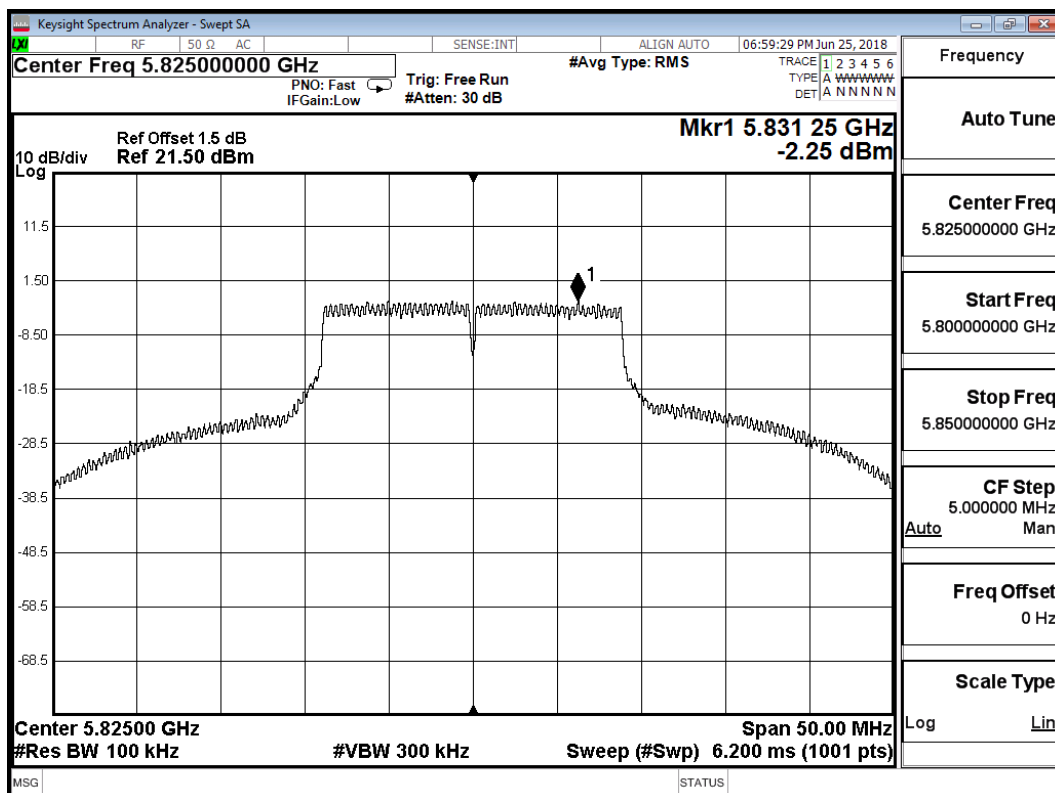




Channel 157: MIMO- Chain B



Channel 165: MIMO- Chain B



待測物名稱：Wireless Access point

待測物型號：ATOM AP30

測試頻道：--

6 dB 頻寬：1MHz

檢 測 器：峰值

測試日期：107 年 06 月 25 日

測 試 項 目：峰值功率頻譜密度

測 試 模 式：Mode 1: 發射器 802.11ac-40BW

視 頻 頻 寬：3MHz

環 境 溫 度：21 °C

環 境 濕 度：53 %

SISO- Chain A:

Channel Number	Frequency (MHz)	Data Rate (Mbps)	Measurement Level (dBm)	Required Limit (dBm)	Result
38	5190	VHT0	-1.310	17	Pass
46	5230	VHT0	2.660	17	Pass
54	5270	VHT0	3.960	11	Pass
62	5310	VHT0	-0.220	11	Pass
102	5510	VHT0	-2.190	11	Pass
110	5550	VHT0	5.300	11	Pass
134	5670	VHT0	-0.820	11	Pass
142	5710(Band3)	VHT0	4.940	11	Pass

SISO- Chain B:

Channel Number	Frequency (MHz)	Data Rate (Mbps)	Measurement Level (dBm)	Required Limit (dBm)	Result
38	5190	VHT0	-0.930	17	Pass
46	5230	VHT0	3.350	17	Pass
54	5270	VHT0	4.190	11	Pass
62	5310	VHT0	1.190	11	Pass
102	5510	VHT0	-0.860	11	Pass
110	5550	VHT0	4.890	11	Pass
134	5670	VHT0	-0.590	11	Pass
142	5710(Band3)	VHT0	4.460	11	Pass

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
142	5710 (Band4)	A	-5.120	6.980	1.860	<30	Pass
		B	-5.180	6.980	1.800	<30	Pass
151	5755	A	-4.270	6.980	2.710	<30	Pass
		B	-5.000	6.980	1.980	<30	Pass
159	5795	A	-5.050	6.980	1.930	<30	Pass
		B	-4.430	6.980	2.550	<30	Pass

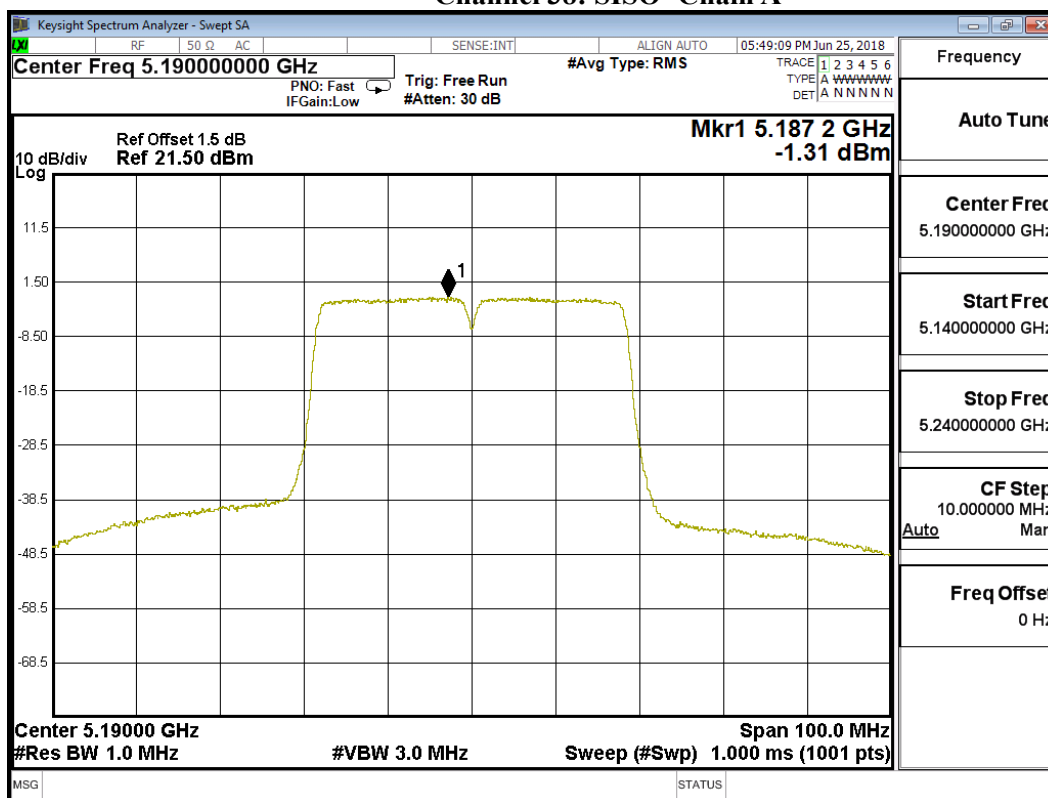
MIMO:

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
38	5190	A	-1.800	1.210	14.6	Pass
		B	-2.110	0.900	14.6	Pass
46	5230	A	3.260	6.270	14.6	Pass
		B	3.330	6.340	14.6	Pass
54	5270	A	3.390	6.400	8.6	Pass
		B	4.210	7.220	8.6	Pass
62	5310	A	-0.670	2.340	8.6	Pass
		B	-0.530	2.480	8.6	Pass
102	5510	A	-2.980	0.030	8.9	Pass
		B	-2.610	0.400	8.9	Pass
110	5550	A	4.410	7.420	8.9	Pass
		B	4.650	7.660	8.9	Pass
134	5670	A	-0.400	2.610	8.9	Pass
		B	-0.930	2.080	8.9	Pass
142	5710(Band3)	A	4.550	7.560	8.9	Pass
		B	4.130	7.140	8.9	Pass

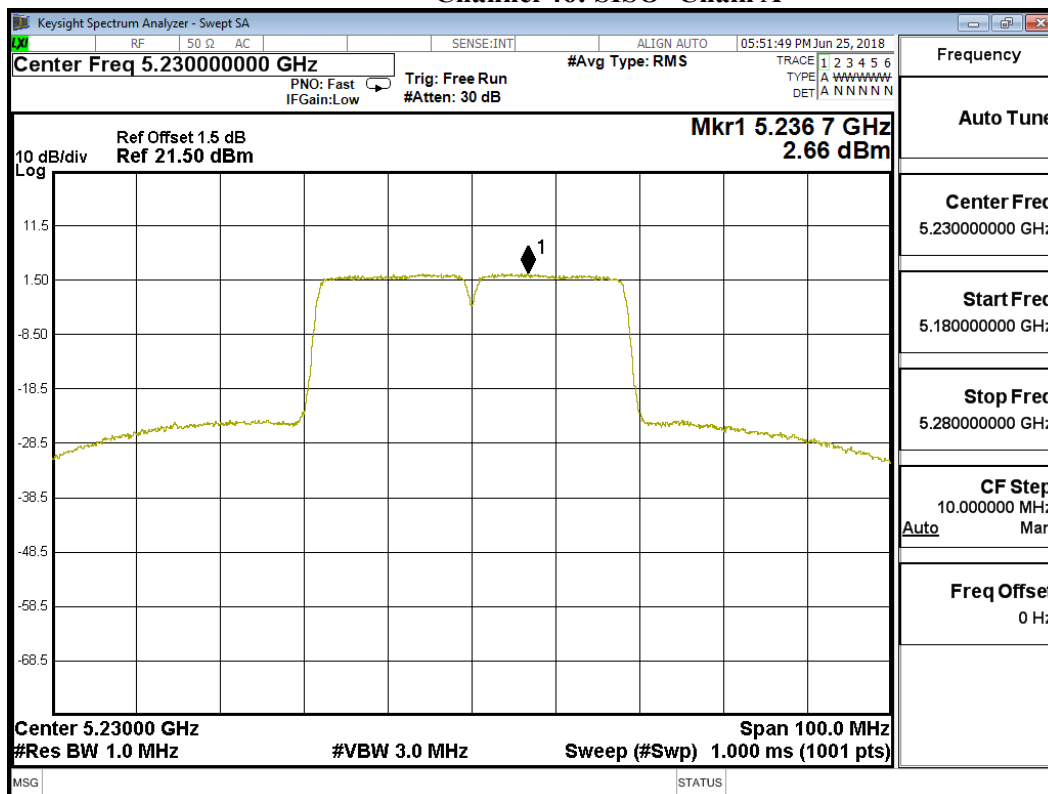
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
142	5710(Band4)	A	-5.740	6.980	4.250	<28.3	Pass
		B	-5.610	6.980	4.380	<28.3	Pass
151	5755	A	-4.690	6.980	5.300	<28.3	Pass
		B	-5.500	6.980	4.490	<28.3	Pass
159	5795	A	-5.080	6.980	4.910	<28.3	Pass
		B	-5.780	6.980	4.210	<28.3	Pass

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

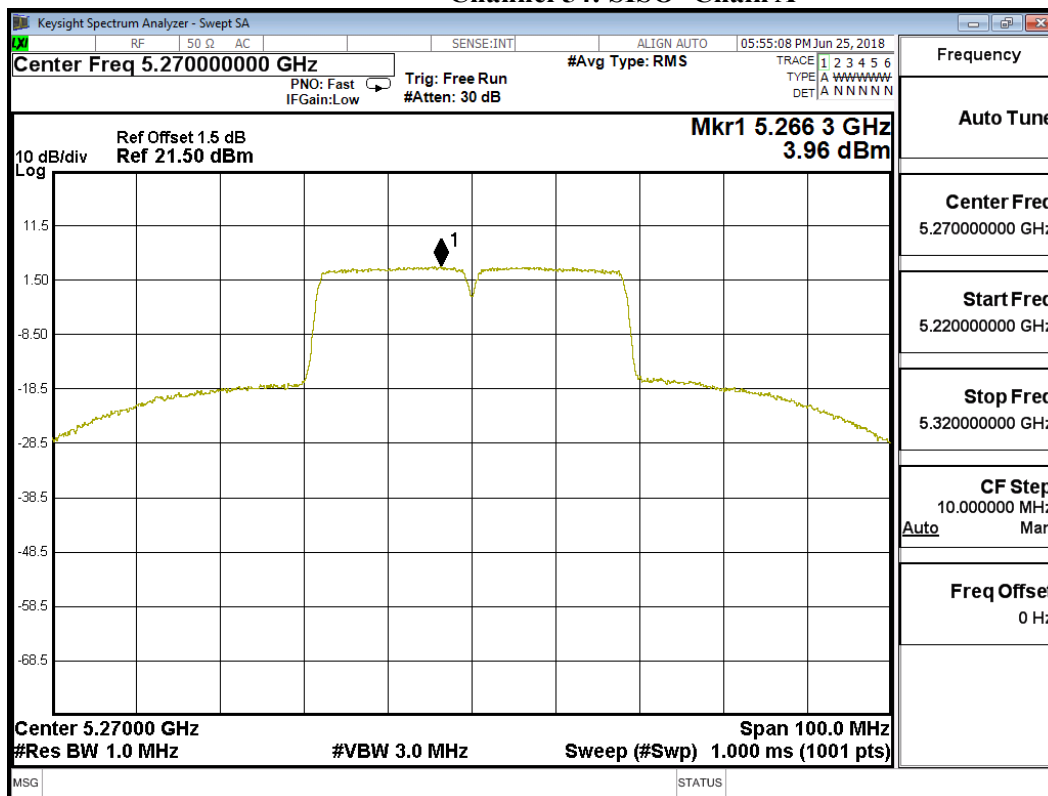
Channel 38: SISO- Chain A



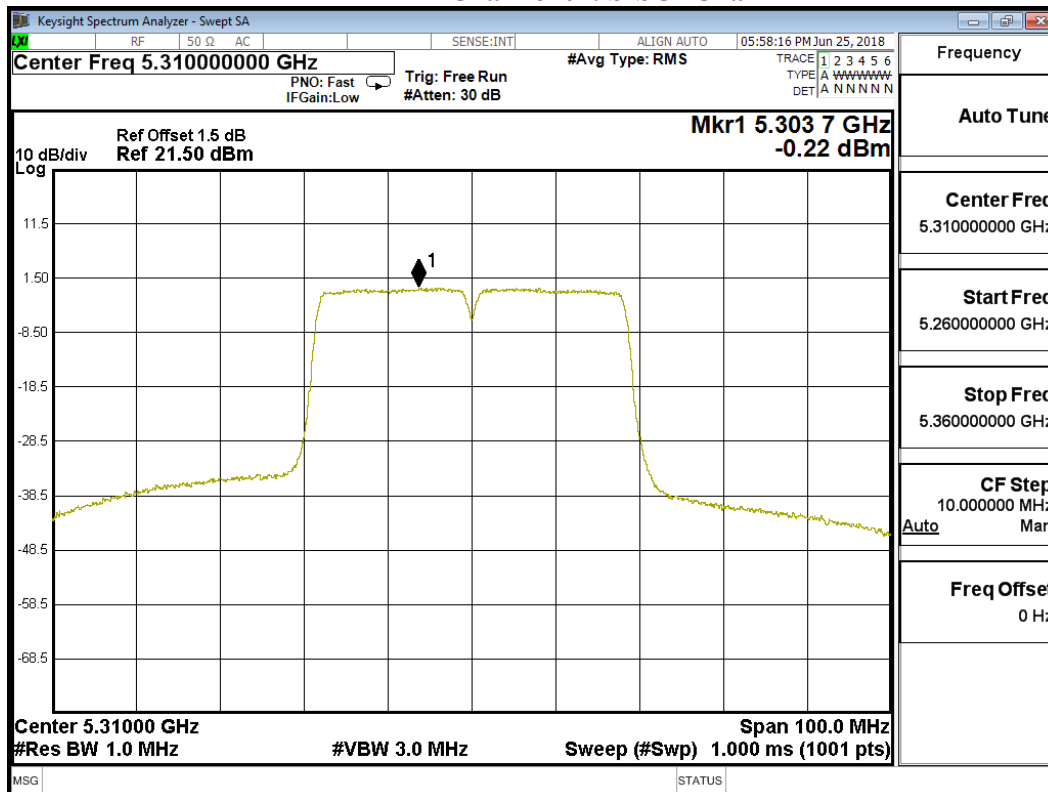
Channel 46: SISO- Chain A



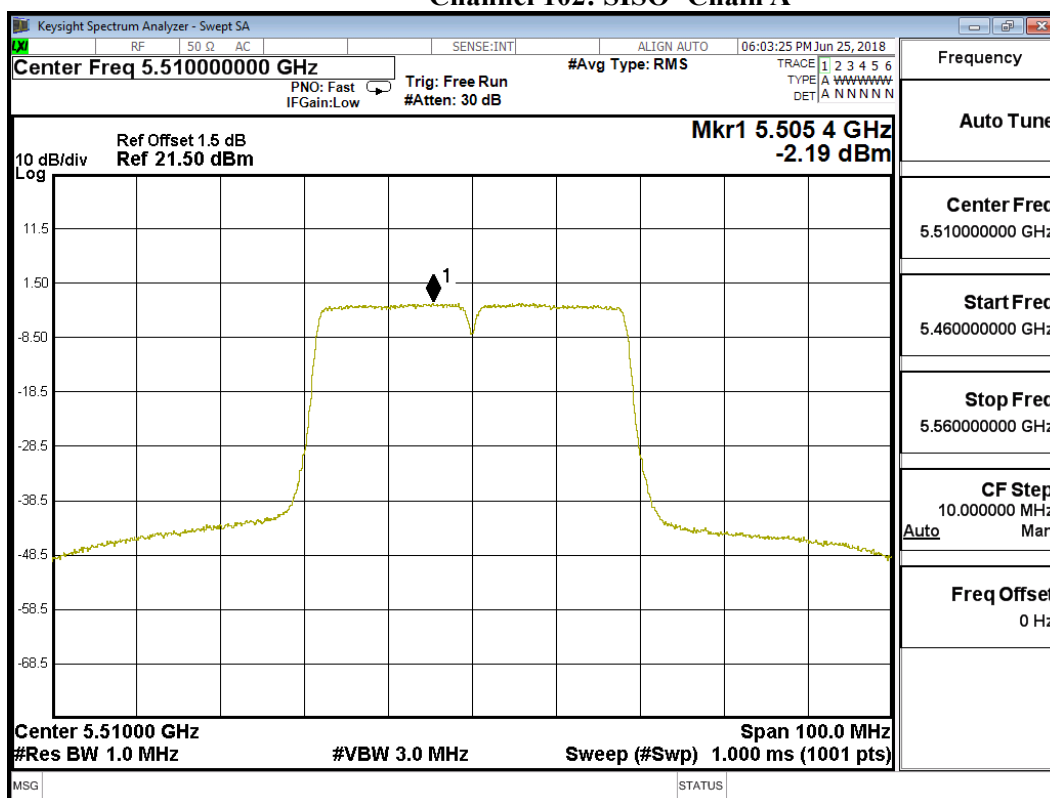
Channel 54: SISO- Chain A



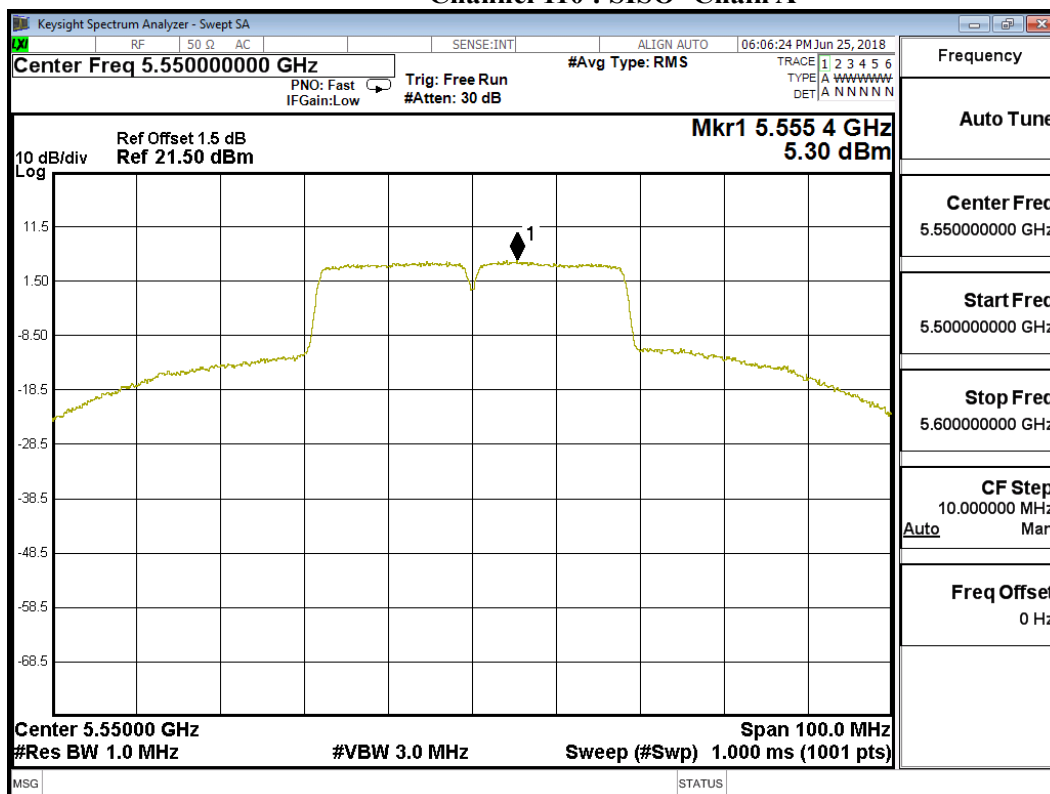
Channel 62: SISO- Chain A



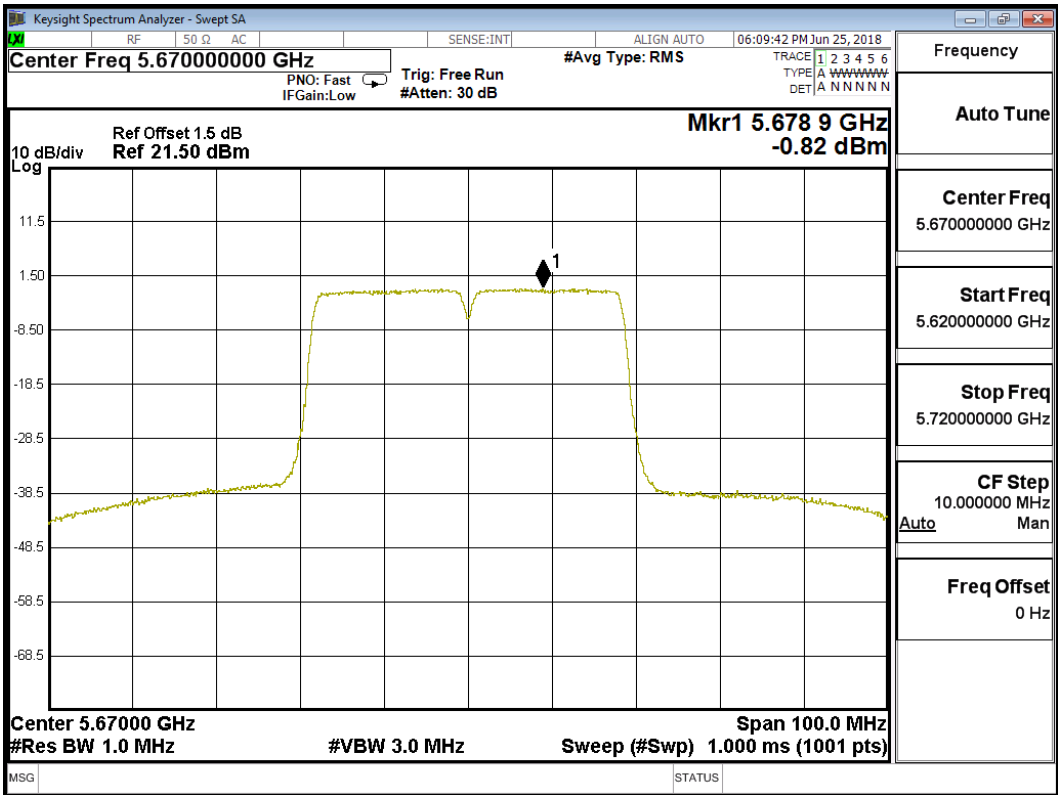
Channel 102: SISO- Chain A



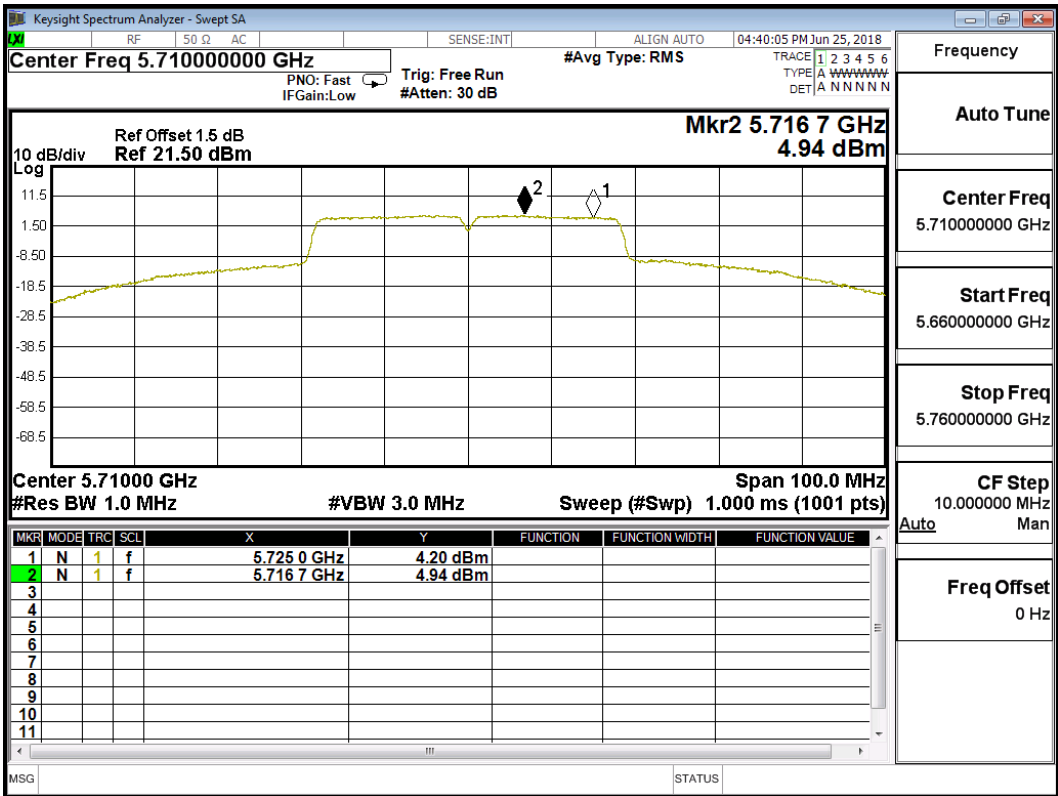
Channel 110 : SISO- Chain A



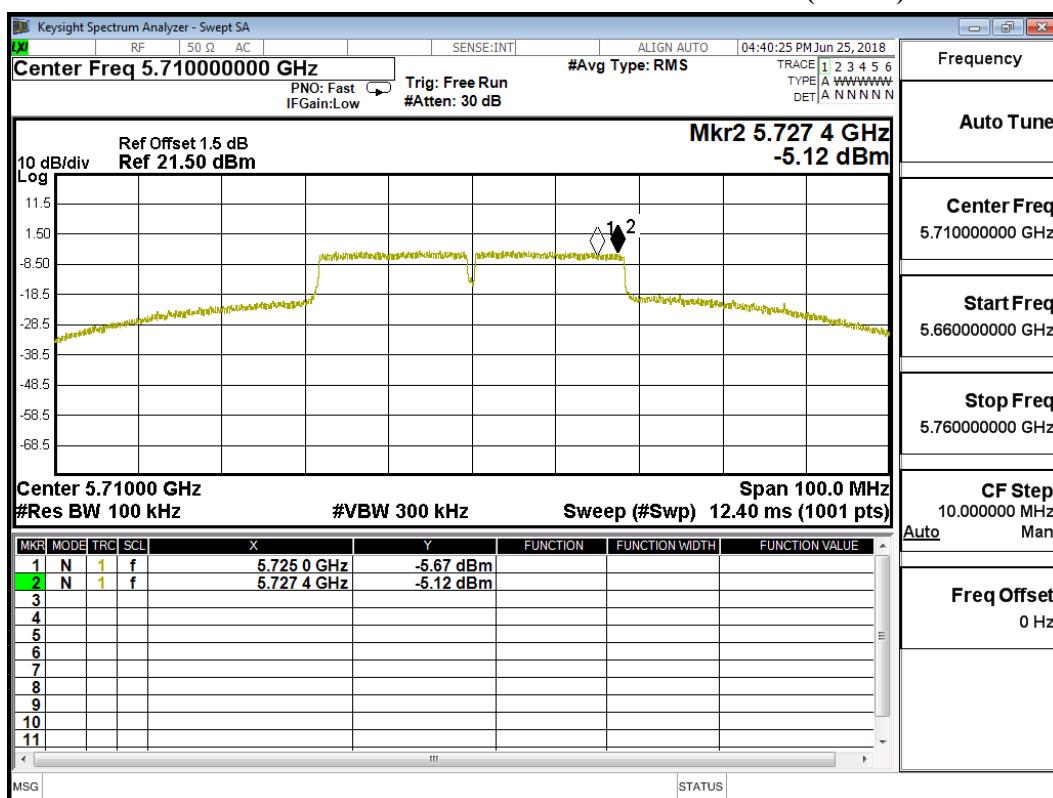
Channel 134 : SISO- Chain A



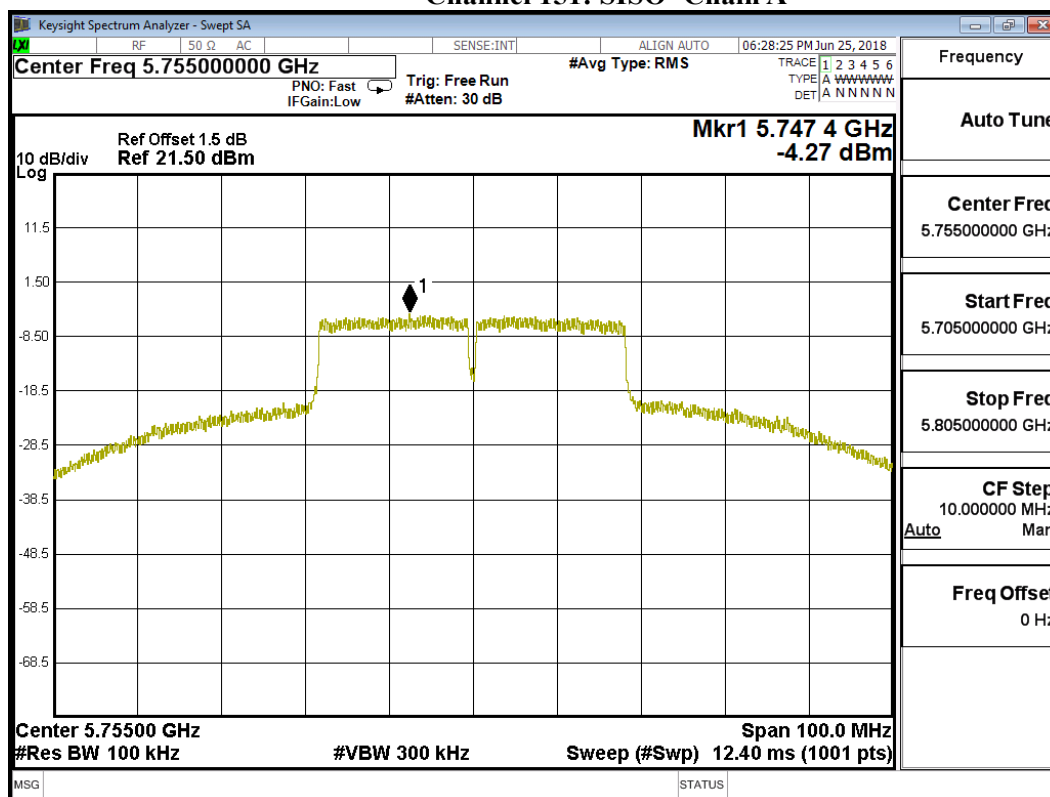
Channel 142: SISO- Chain A (Band3)



Channel 142: SISO- Chain A (Band4)



Channel 151: SISO- Chain A



Channel 159: SISO- Chain A

