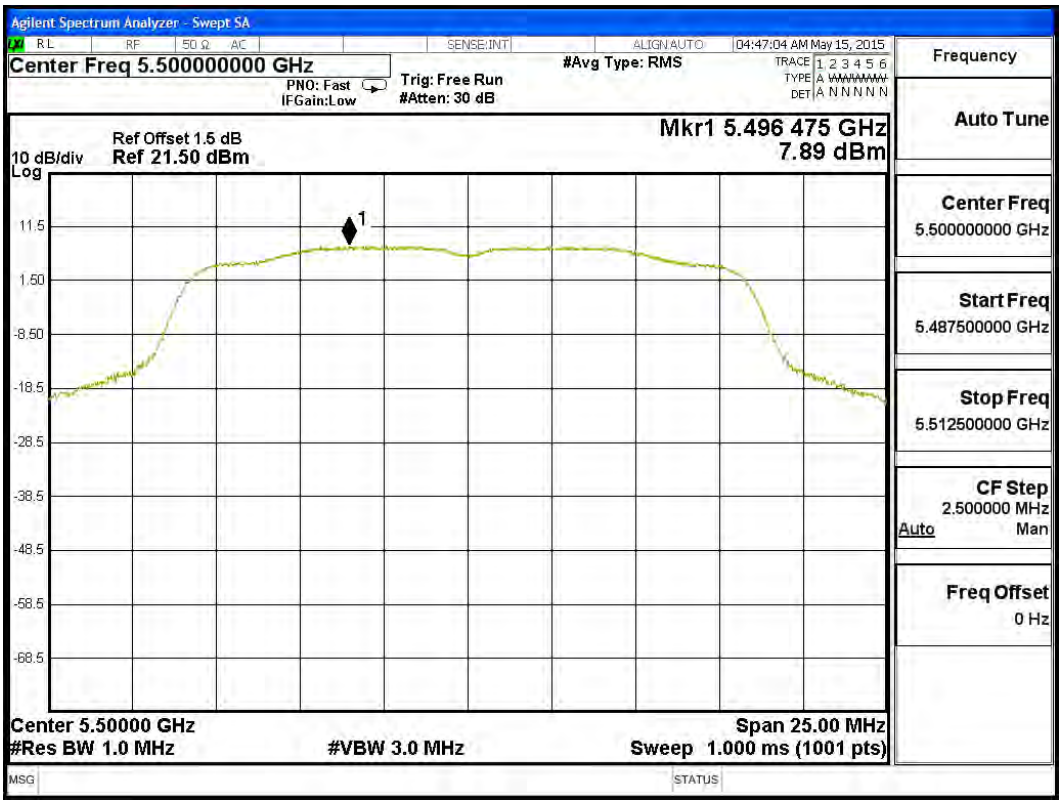
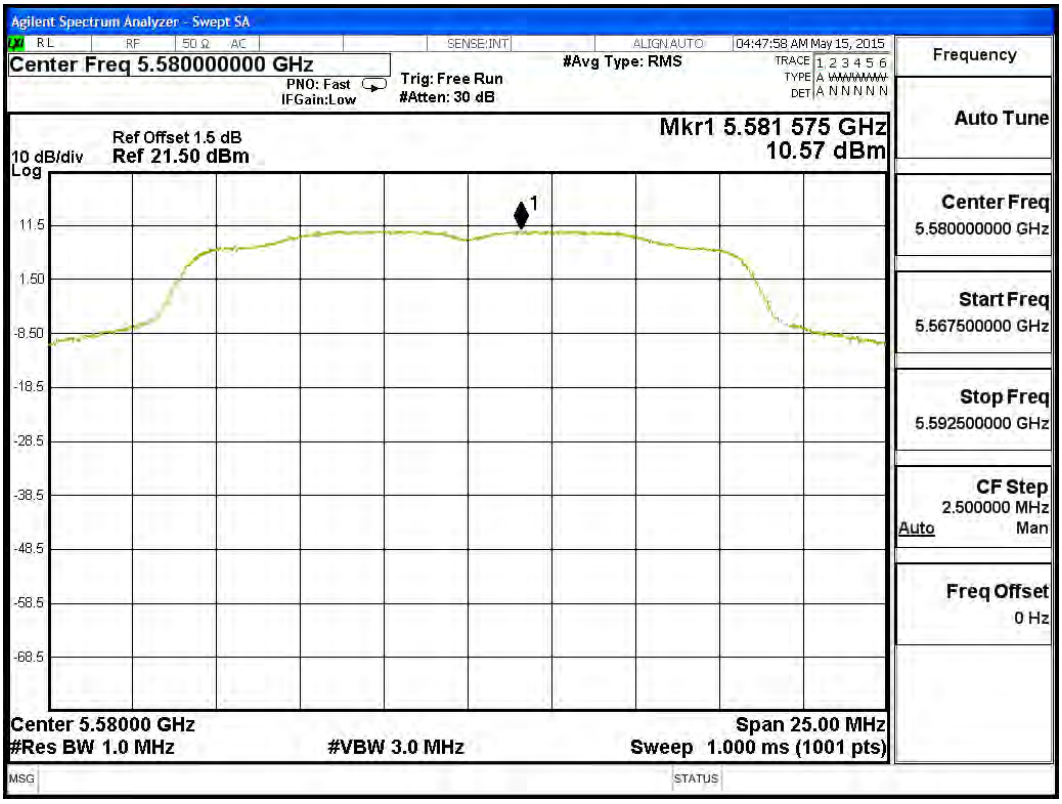
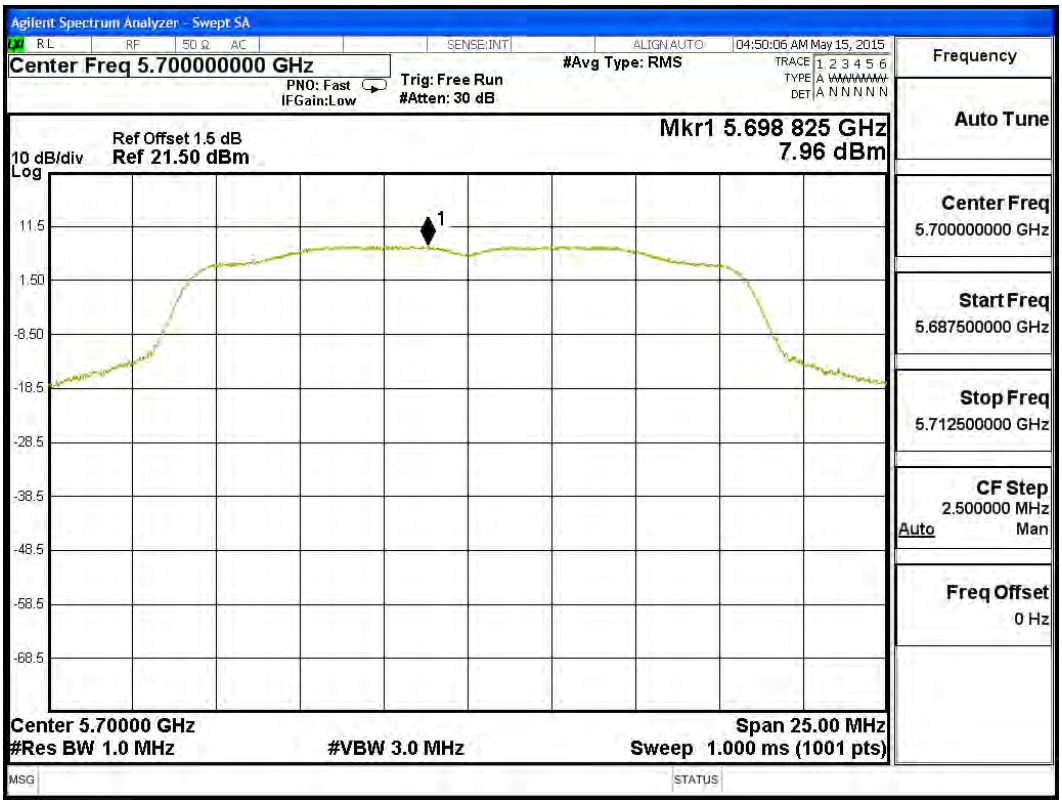
Channel 100:



Channel 116:



Channel 140:

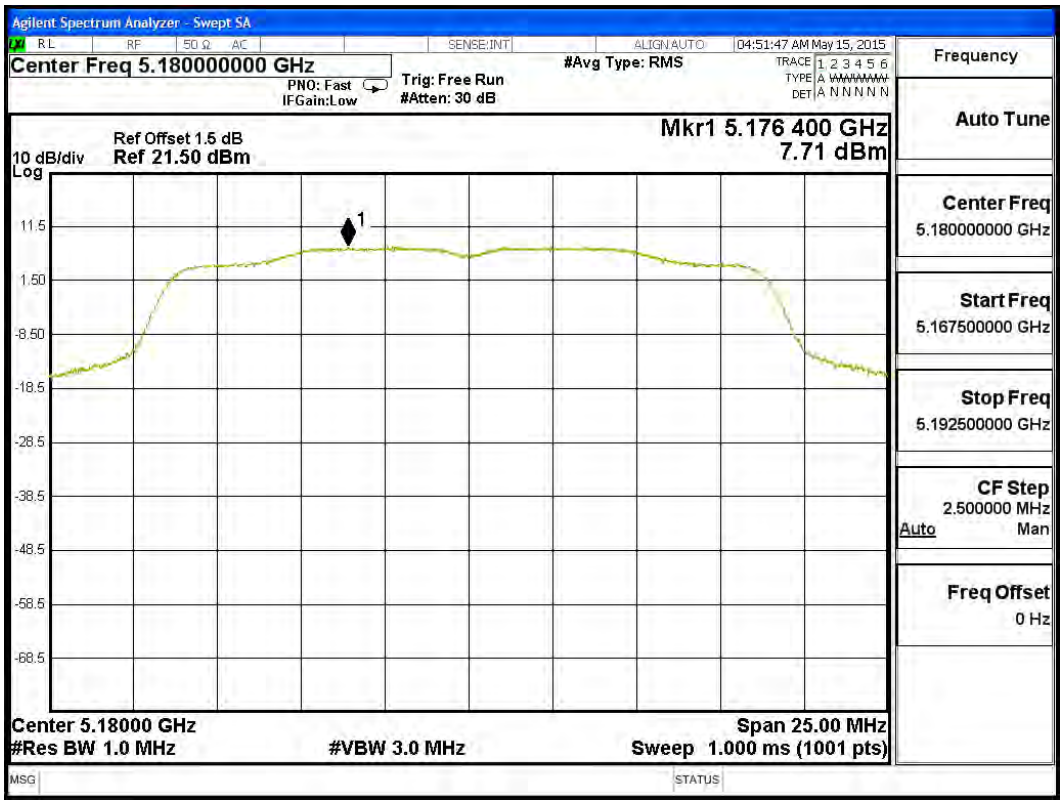

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:50:06 AM May 15, 2015
Center Freq 5.700000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.698 825 GHz
7.96 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center 5.70000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Span 25.00 MHz
Sweep 1.000 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.700000000 GHz
Start Freq
5.687500000 GHz
Stop Freq
5.712500000 GHz
CF Step
2.500000 MHz
Auto
Man
Freq Offset
0 Hz

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps)

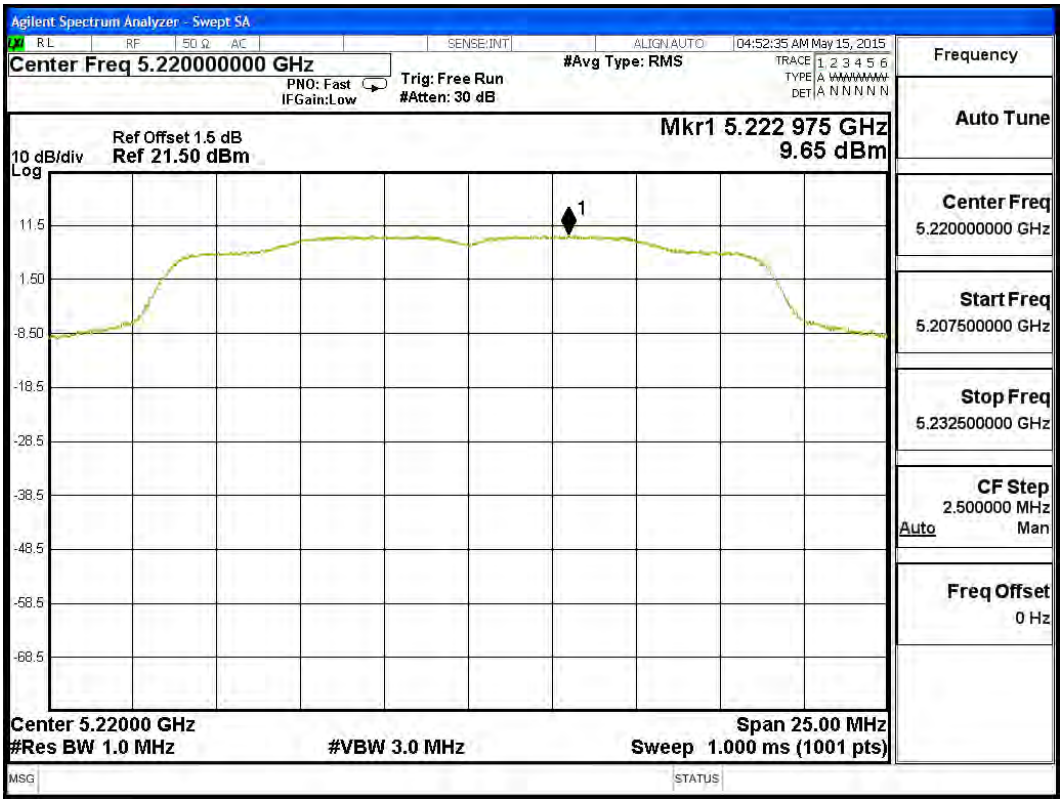
Channel Number	Frequency (MHz)	Data Rata (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	7.2	7.710	0.09	7.800	11	Pass
44	5220	7.2	9.650	0.09	9.730	11	Pass
48	5240	7.2	9.870	0.09	9.950	11	Pass
52	5260	7.2	10.290	0.09	10.370	11	Pass
60	5300	7.2	9.660	0.09	9.740	11	Pass
64	5320	7.2	5.510	0.09	5.600	11	Pass
100	5500	7.2	7.480	0.09	7.570	11	Pass
116	5580	7.2	10.590	0.09	10.680	11	Pass
140	5700	7.2	7.430	0.09	7.520	11	Pass

Note: Total PPSD = PPSD value + Duty Factor

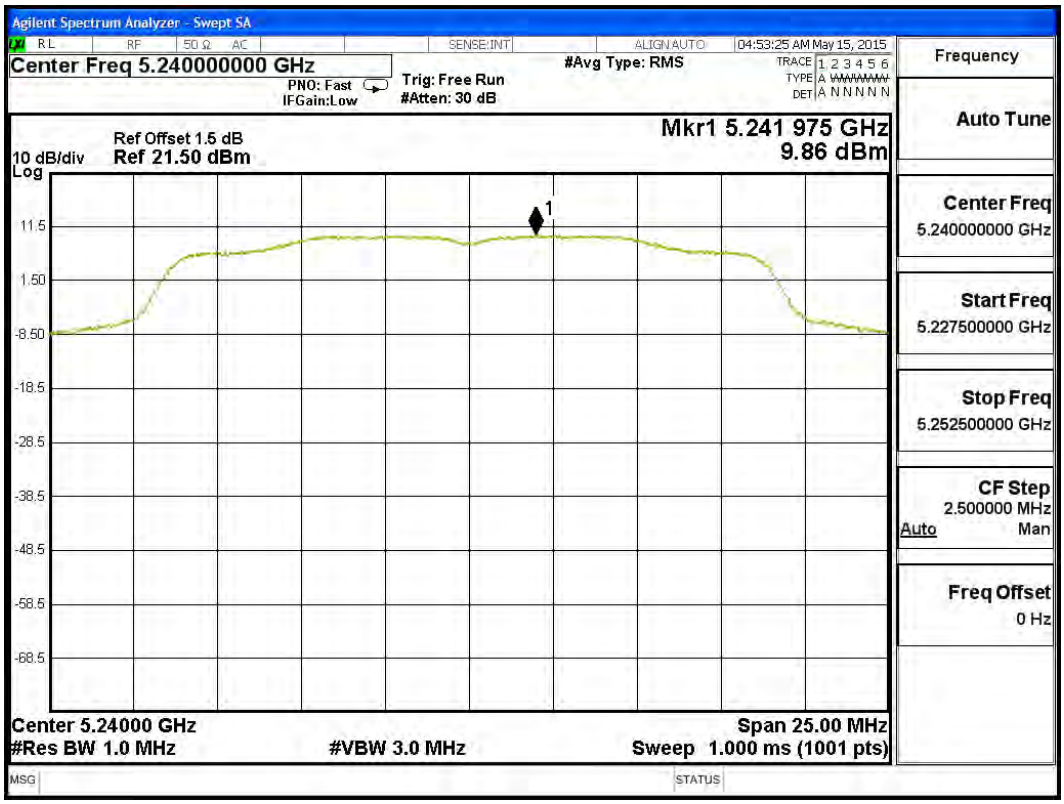
Channel 36



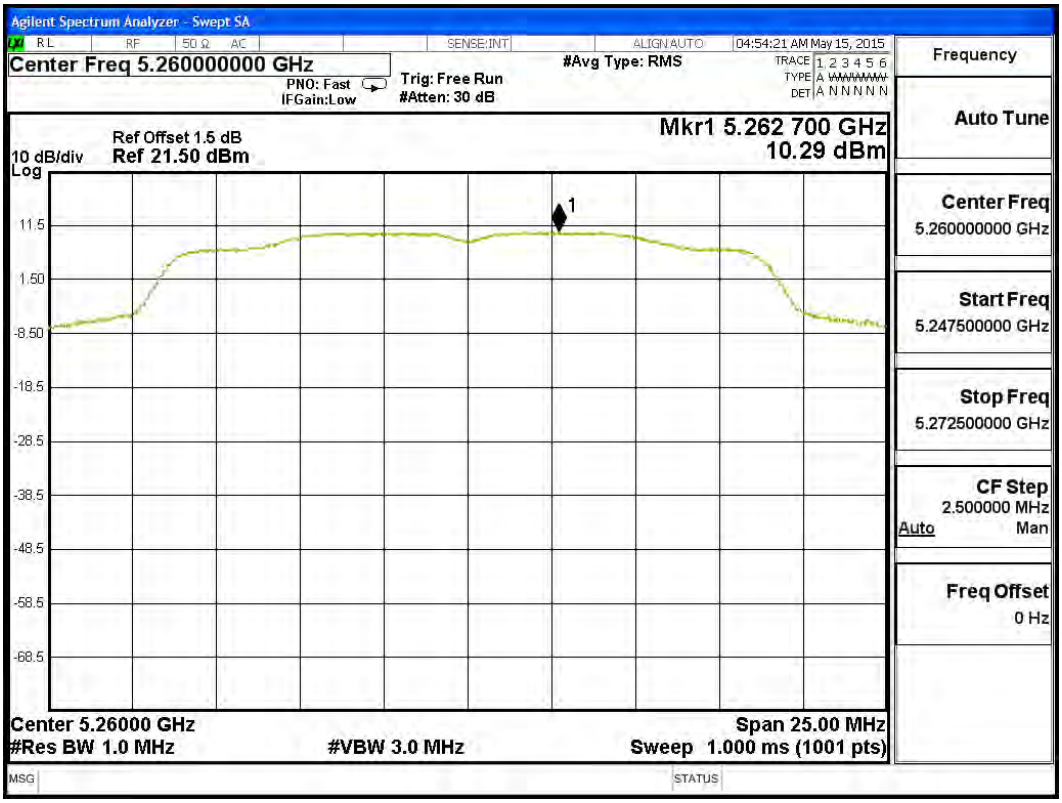
Channel 44



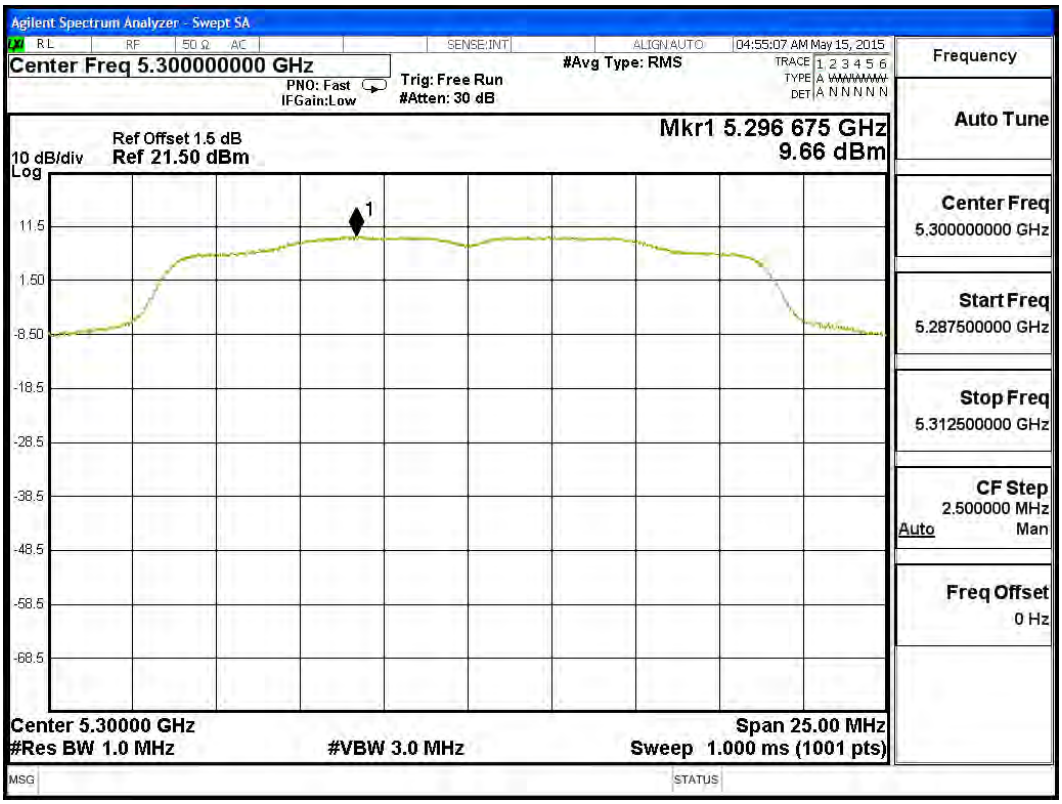
Channel 48



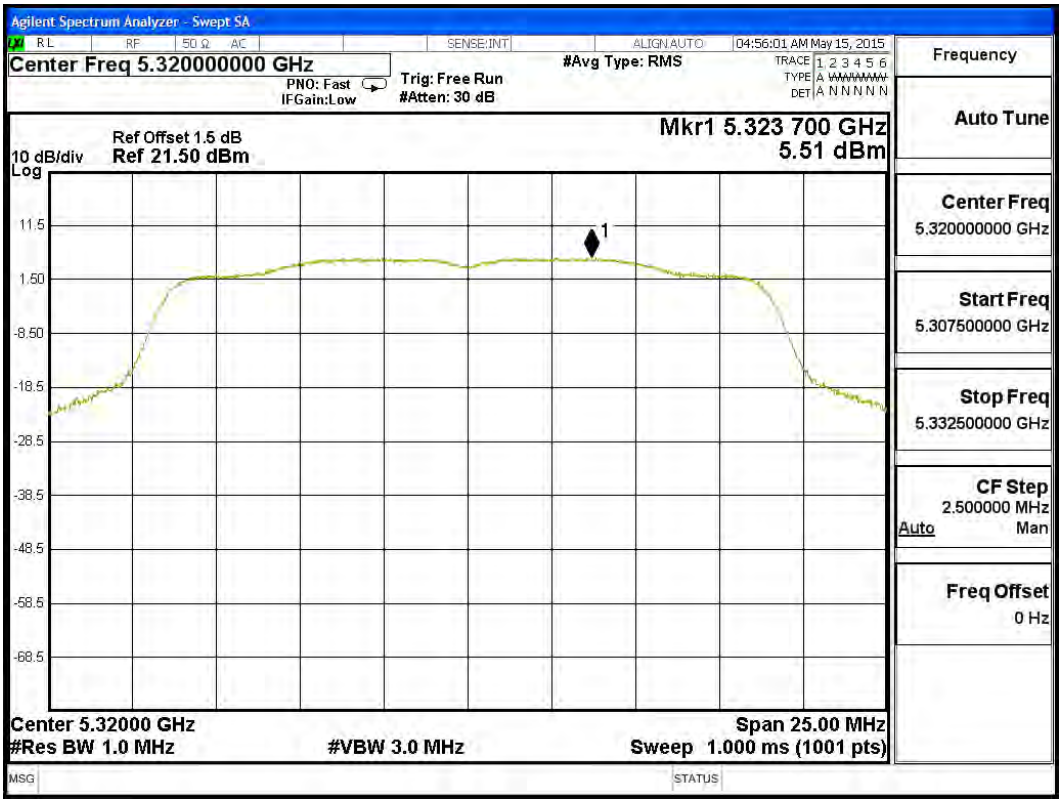
Channel 52



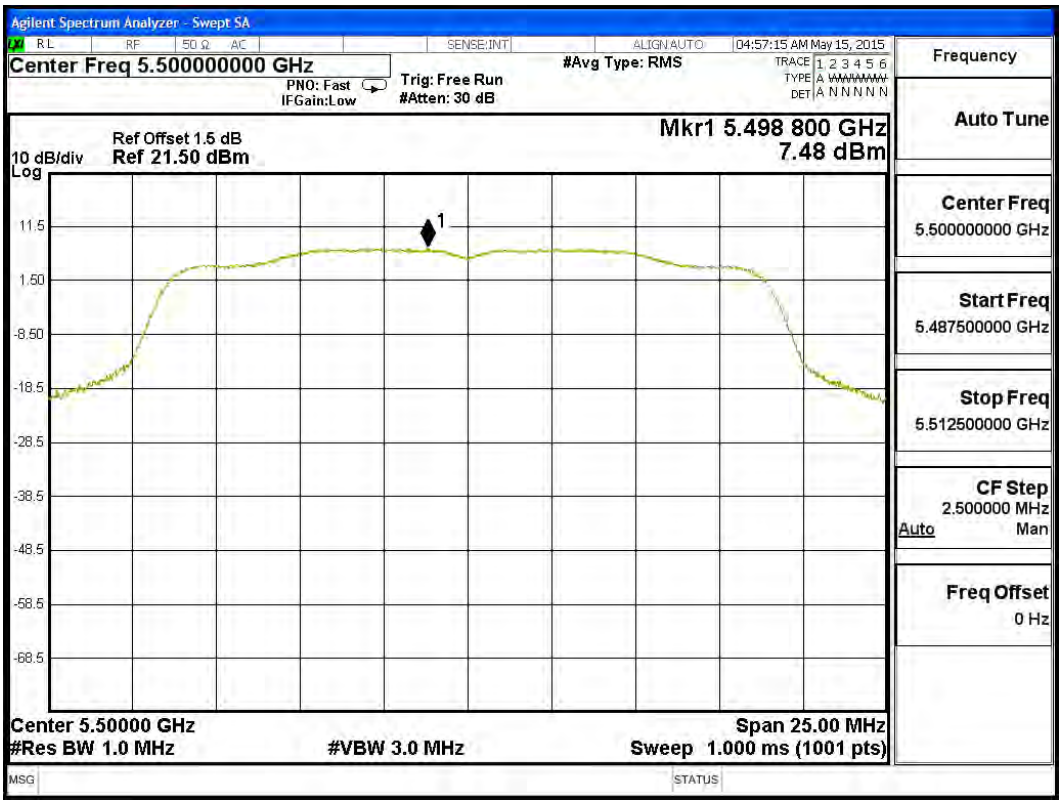
Channel 60



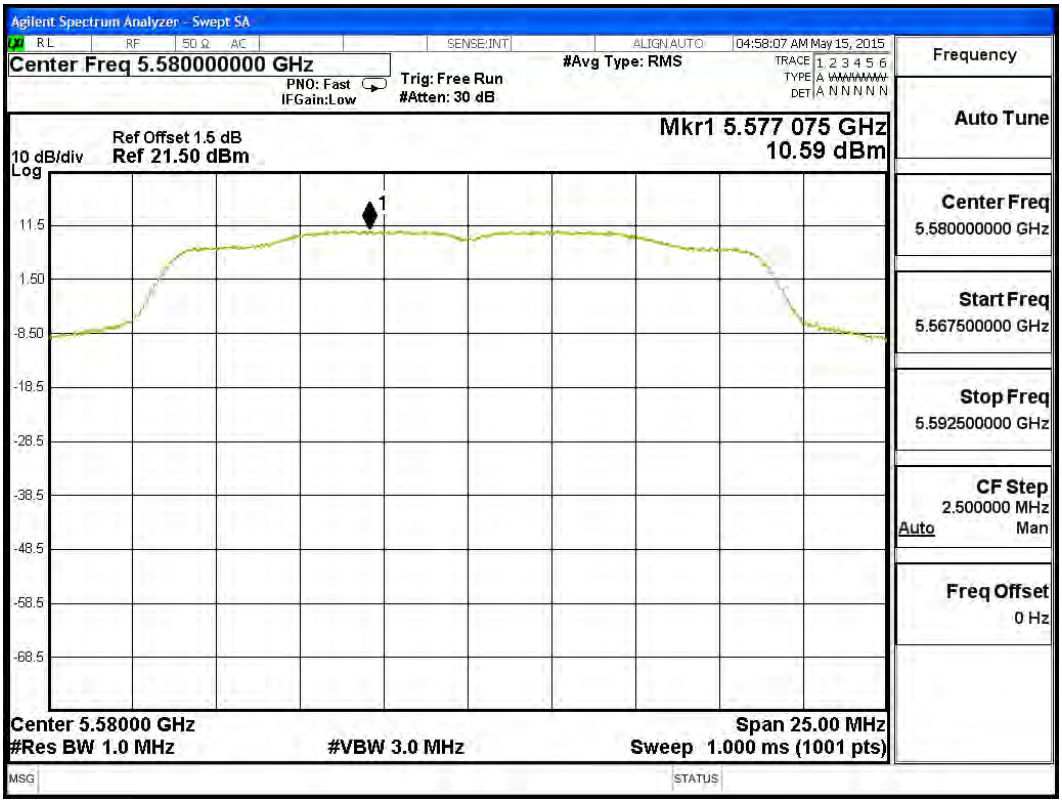
Channel 64



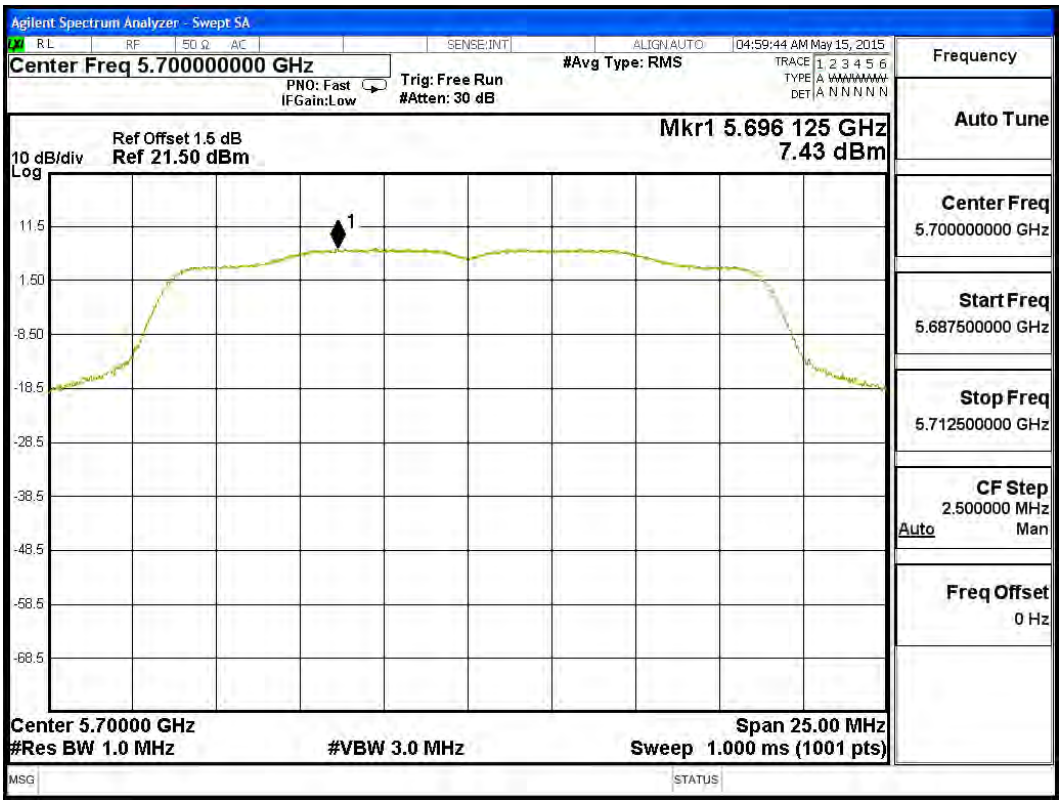
Channel 100



Channel 116



Channel 140

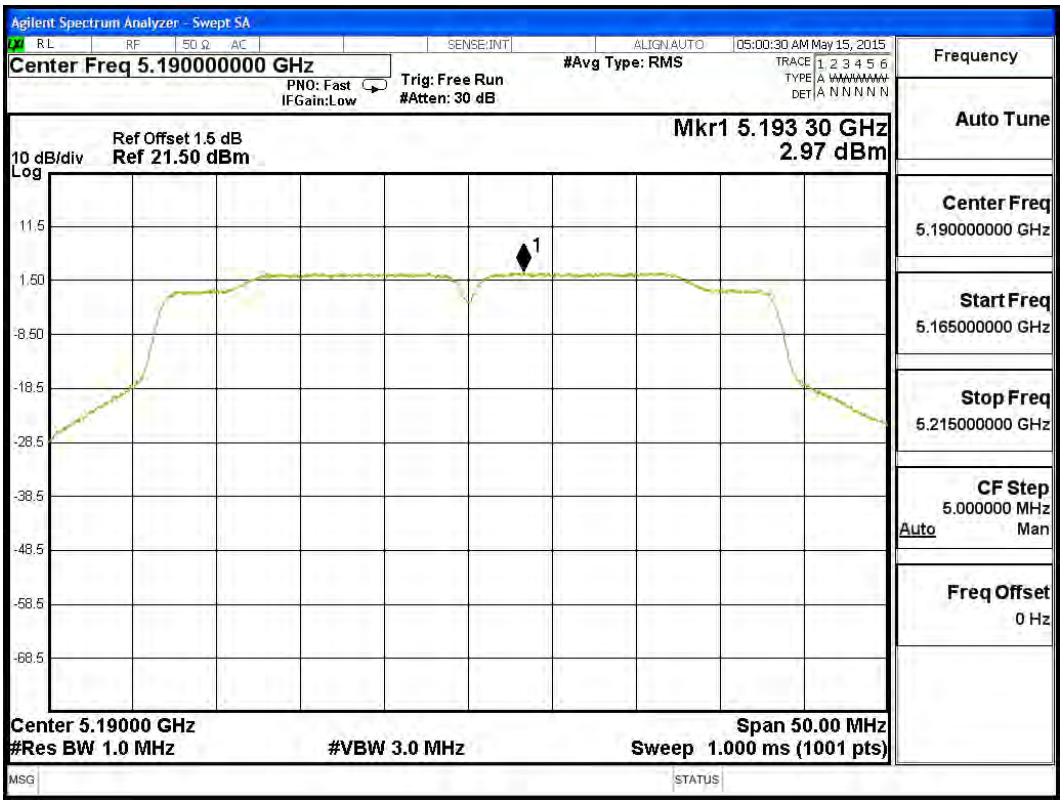

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:59:44 AM May 15, 2015
Center Freq 5.700000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.696 125 GHz
7.43 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center 5.70000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Span 25.00 MHz
Sweep 1.000 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.700000000 GHz
Start Freq
5.687500000 GHz
Stop Freq
5.712500000 GHz
CF Step
2.500000 MHz
Auto
Man
Freq Offset
0 Hz

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps)

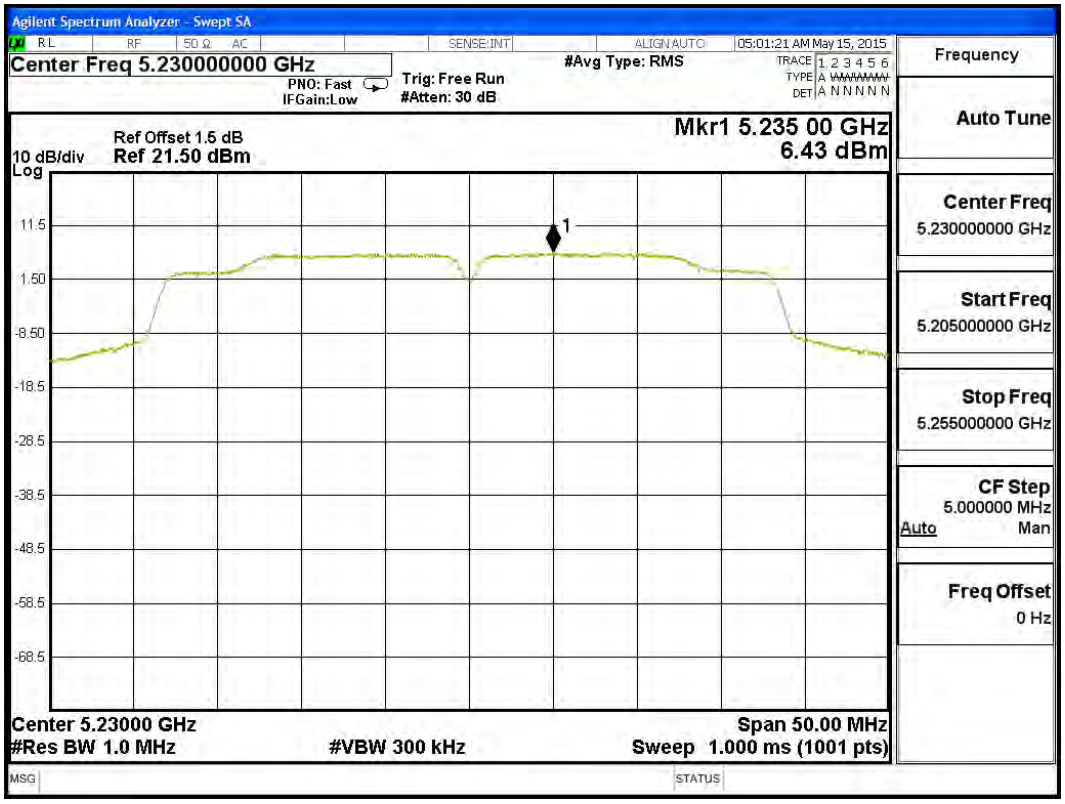
Channel Number	Frequency (MHz)	Data Rata (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
38	5190	15	2.970	0.15	3.120	11	Pass
46	5230	15	6.430	0.15	6.580	11	Pass
54	5270	15	8.890	0.15	9.040	11	Pass
62	5310	15	-0.190	0.15	-0.040	11	Pass
102	5510	15	4.430	0.15	4.580	11	Pass
110	5550	15	7.590	0.15	7.740	11	Pass
134	5670	15	5.400	0.15	5.550	11	Pass

Note: Total PPSD = PPSD value + Duty Factor

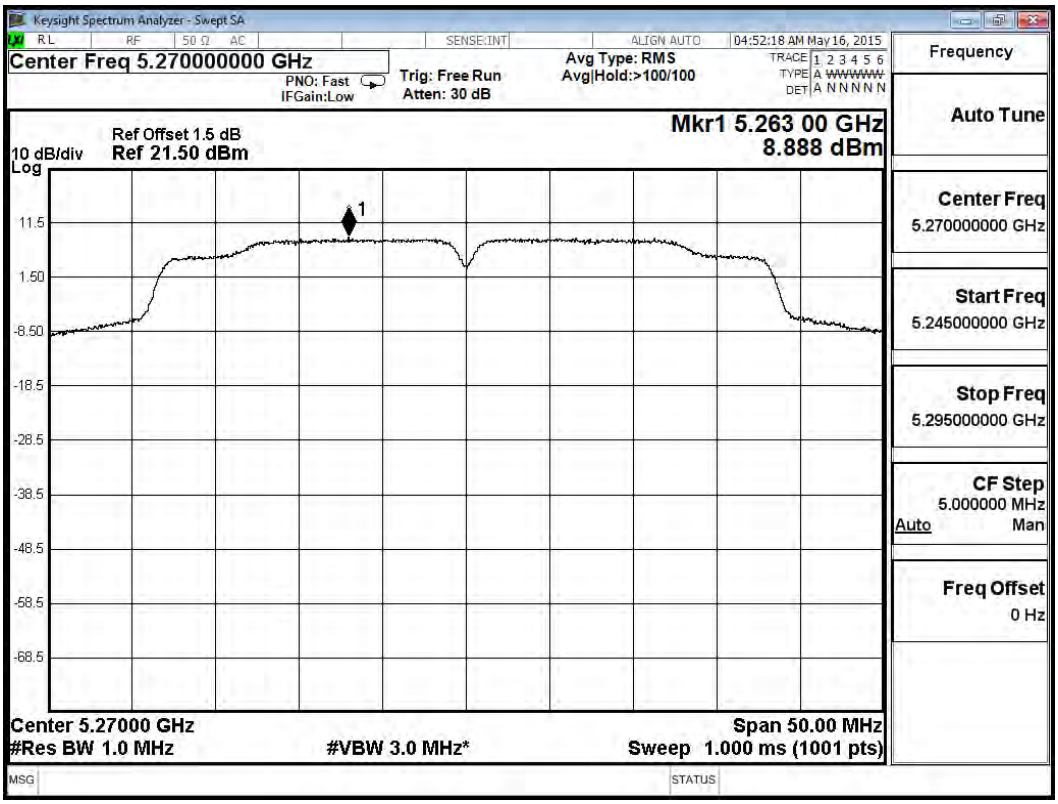
Channel 38



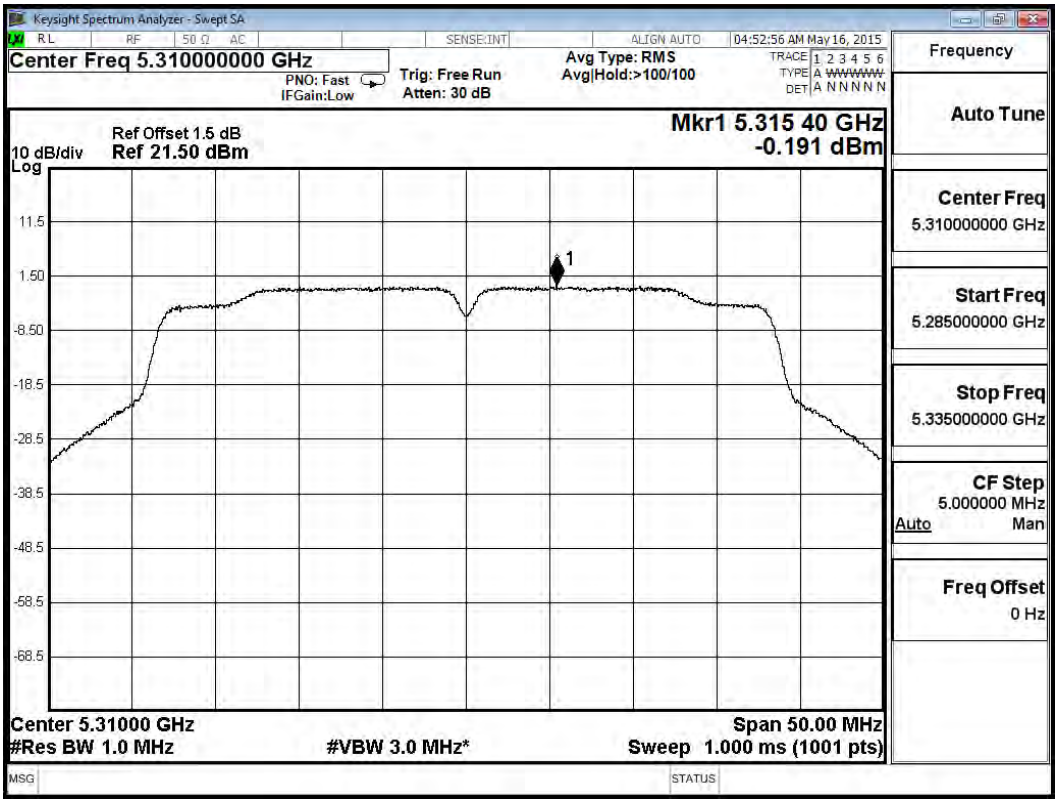
Channel 46



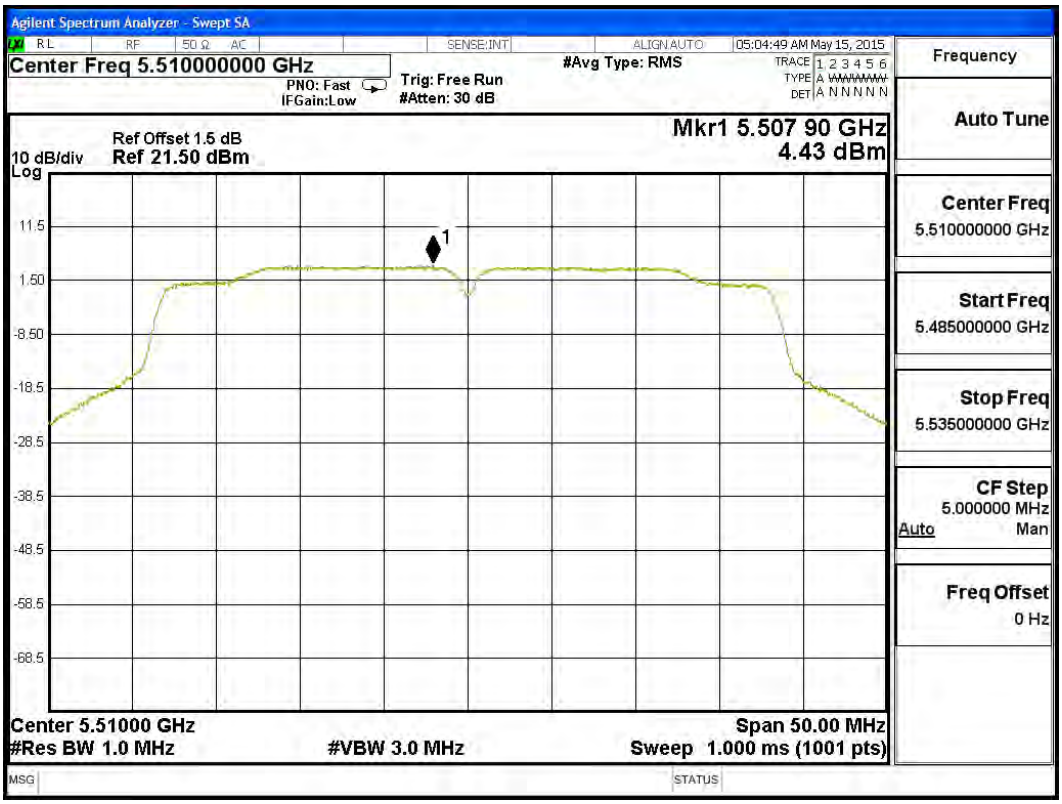
Channel 54



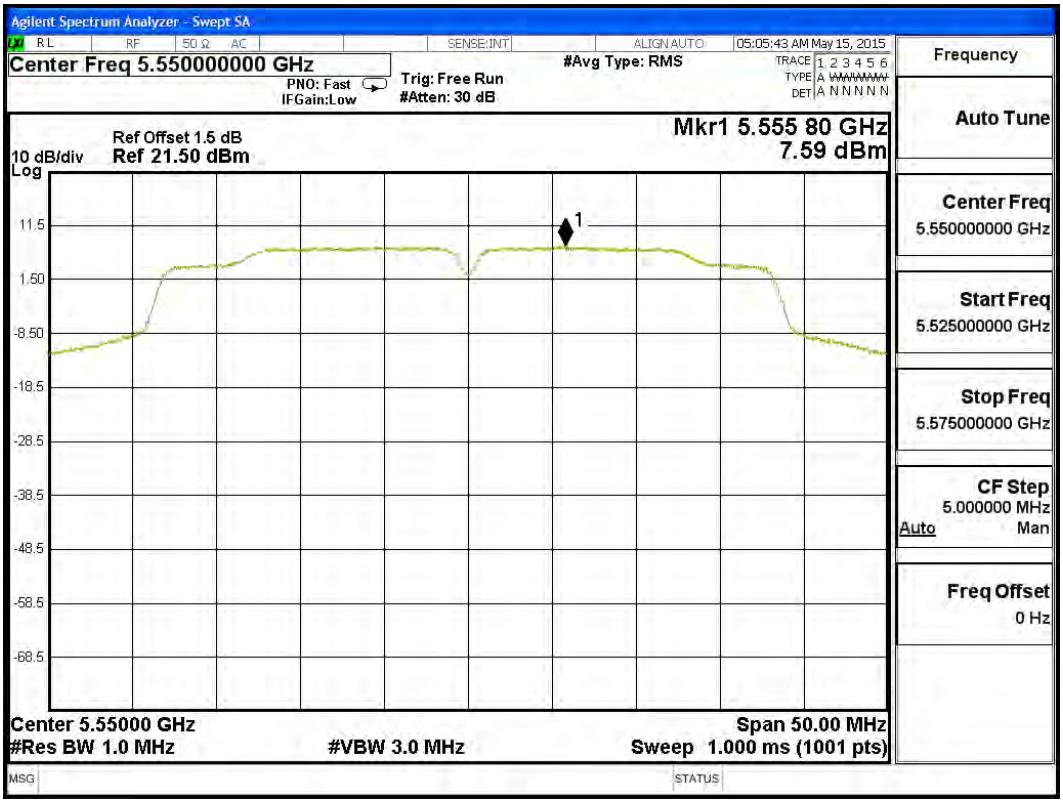
Channel 62



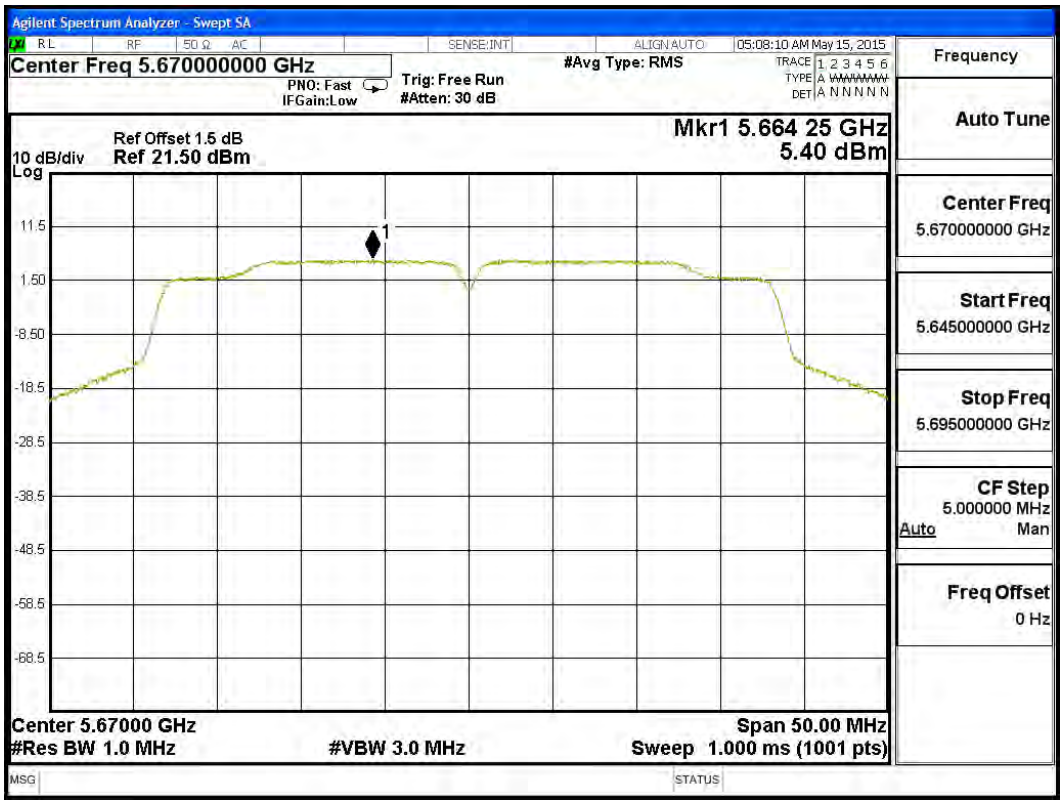
Channel 102



Channel 110



Channel 134

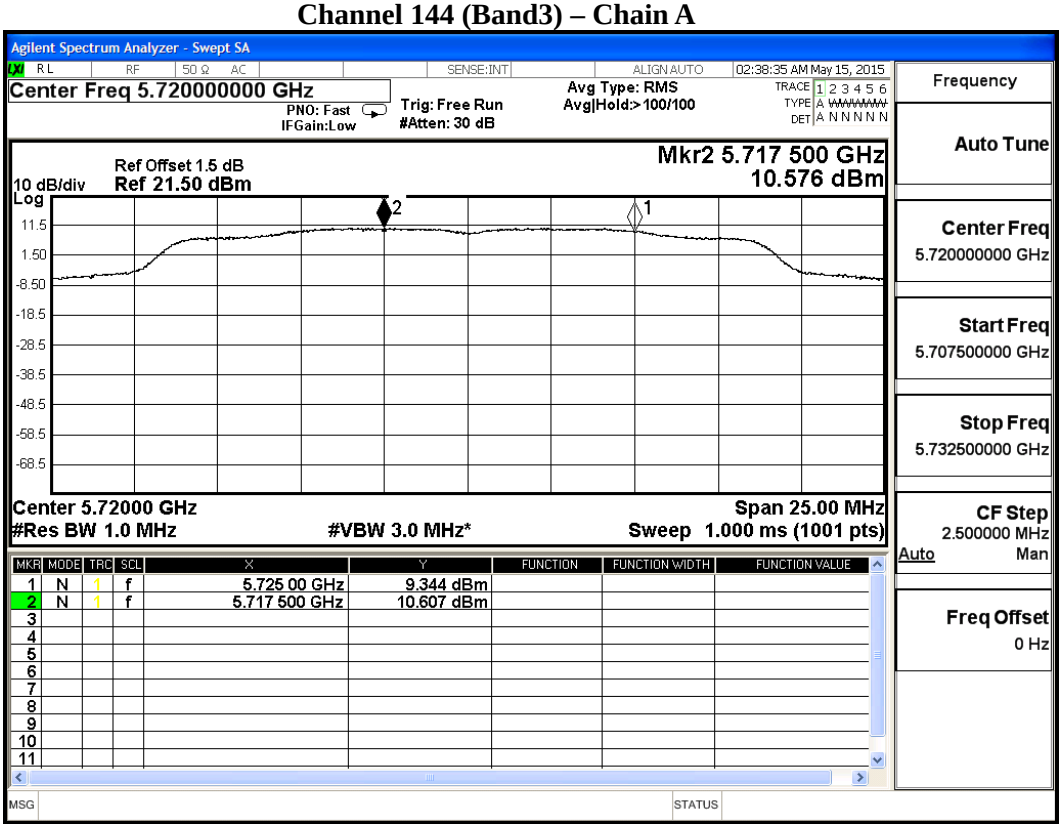

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
05:08:10 AM May 15, 2015
Center Freq 5.670000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.664 25 GHz
5.40 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center 5.67000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Span 50.00 MHz
Sweep 1.000 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.670000000 GHz
Start Freq
5.645000000 GHz
Stop Freq
5.695000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11ac-20BW-7.2Mbps)

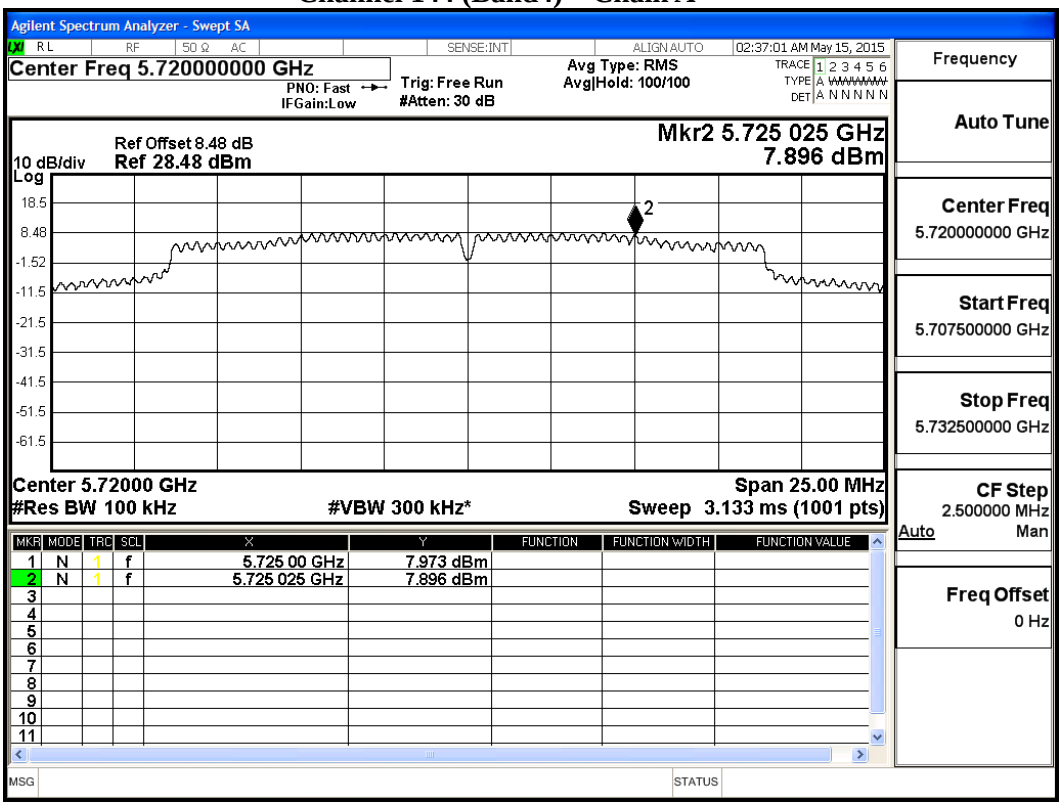
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
144	5720(Band3)	10.576	--	0.09	10.666	<11	Pass
144	5720(Band4)	7.896	6.98	0.09	14.966	<30	Pass

Note: Total PPSD = PPSD value + Duty Factor + BWCF

Channel 144 (Band3) – Chain A



Channel 144 (Band4) – Chain A

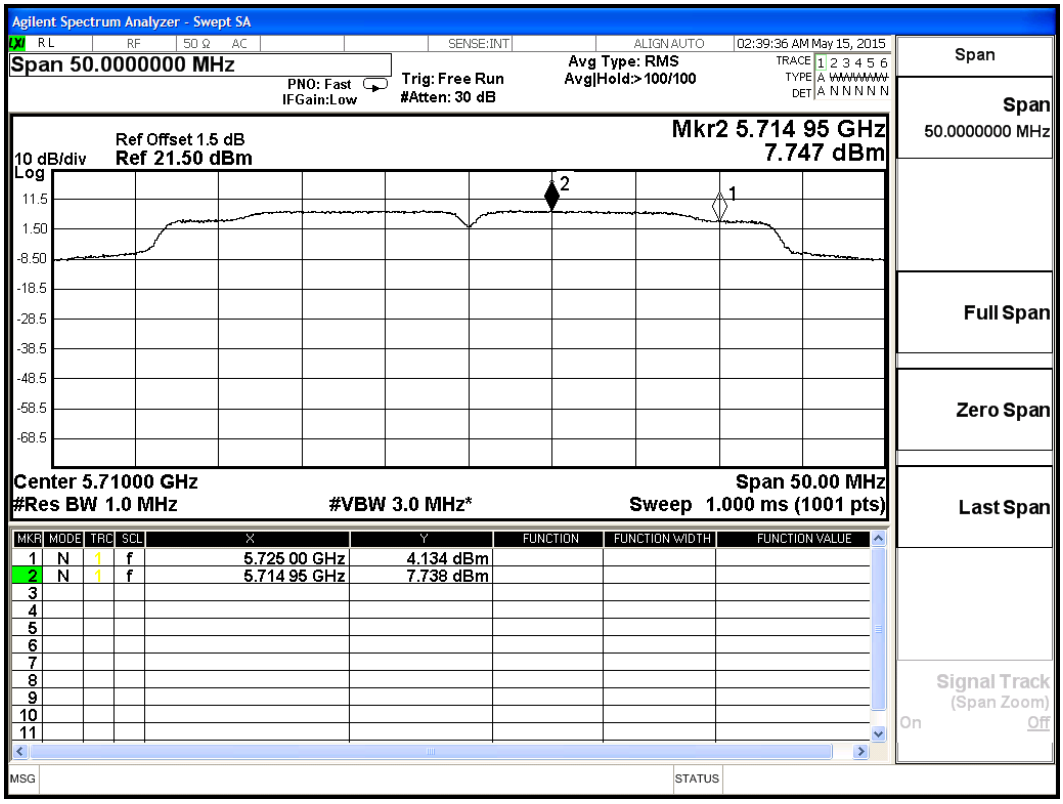


Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11ac-40BW-15Mbps)

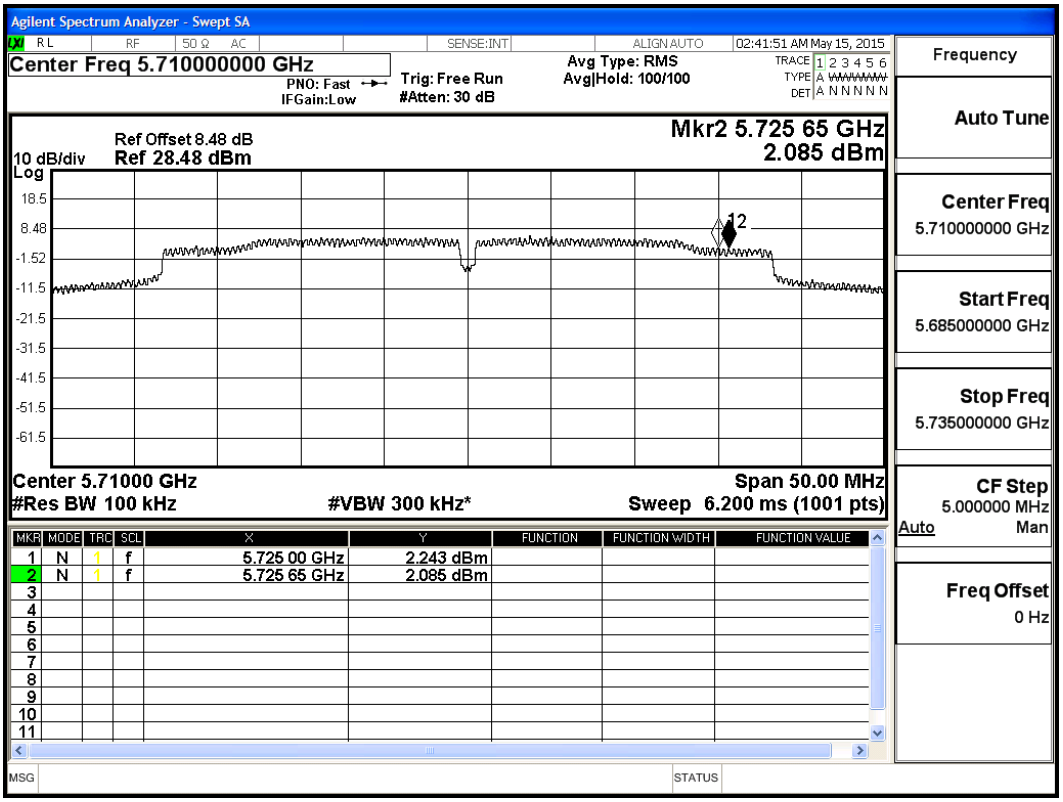
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
142	5710(Band3)	7.747	--	0.15	7.897	<11	Pass
142	5710(Band4)	2.085	6.98	0.15	9.215	<30	Pass

Note: Total PPSD = PPSD value + Duty Factor + BWCF

Channel 142 (Band3) – Chain A



Channel 142 (Band3) – Chain A

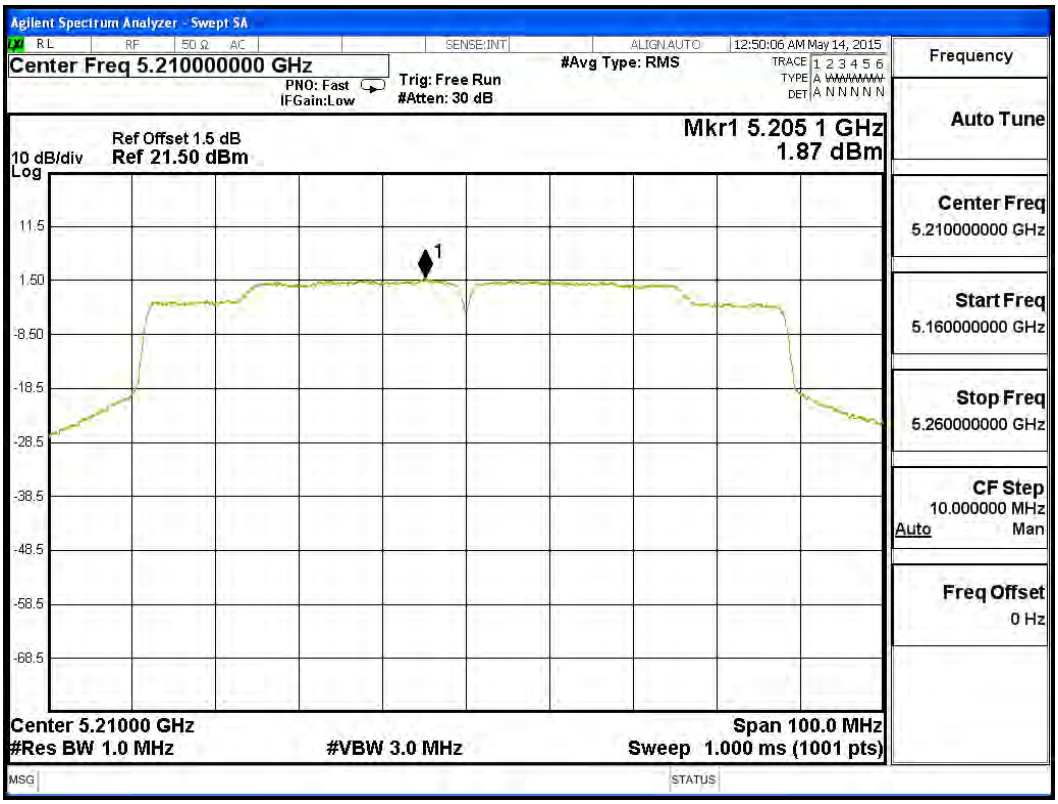


Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

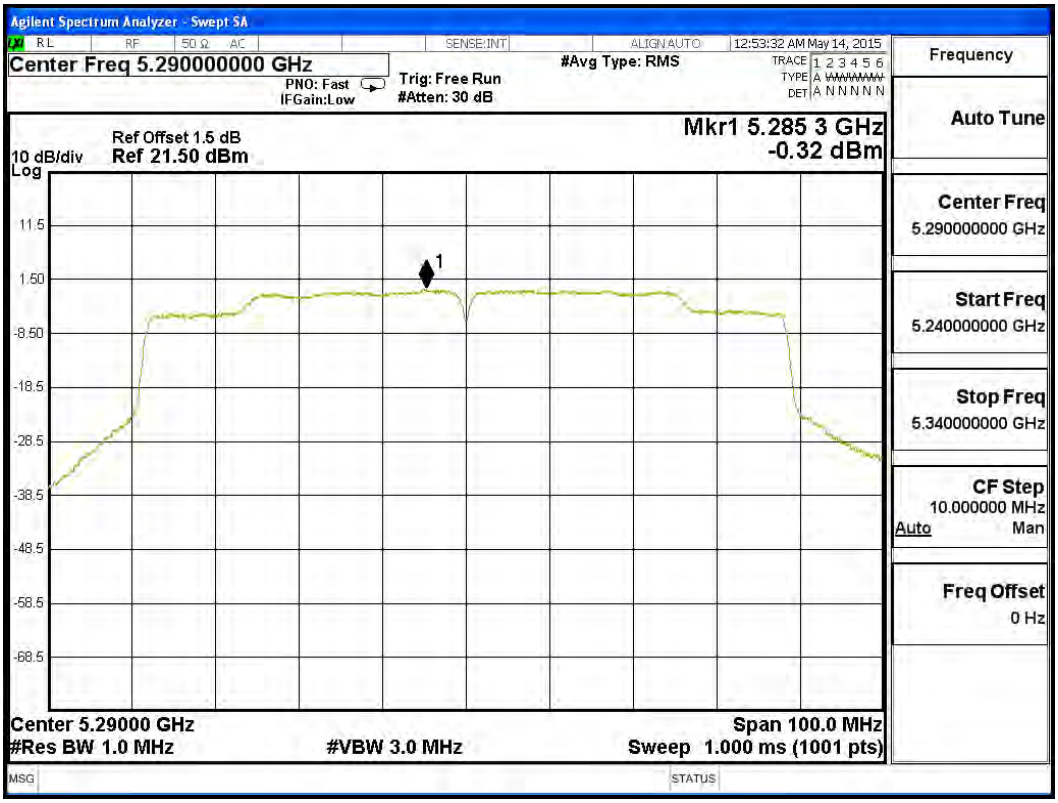
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
42	5210	1.870	--	0.31	2.180	<11	Pass
58	5290	-0.320	--	0.31	-0.010	<11	Pass
106	5530	-1.250	--	0.31	-0.940	<11	Pass
122	5610	0.010	--	0.31	0.320	<11	Pass
138	5690 (Band3)	4.745	--	0.31	5.055	<11	Pass
138	5690 (Band4)	-2.400	6.98	0.31	4.890	<30	Pass

Note: Total PPSD = PPSD value + Duty Factor + BWCF

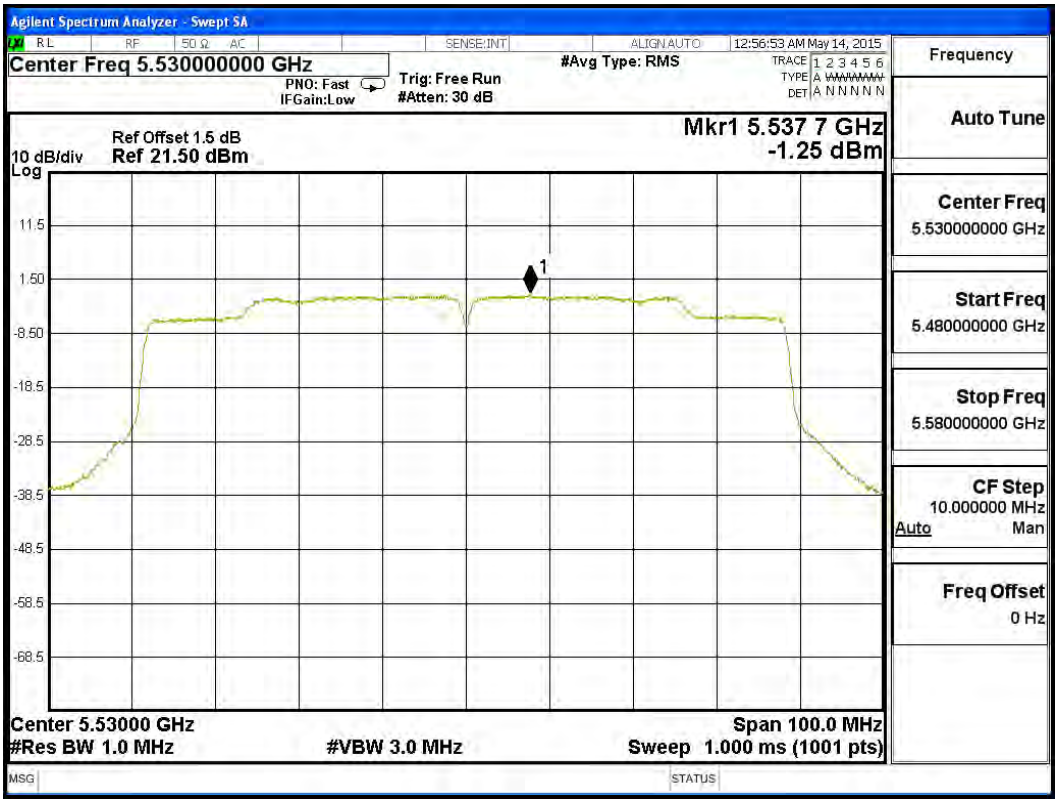
Channel 42 – Chain A



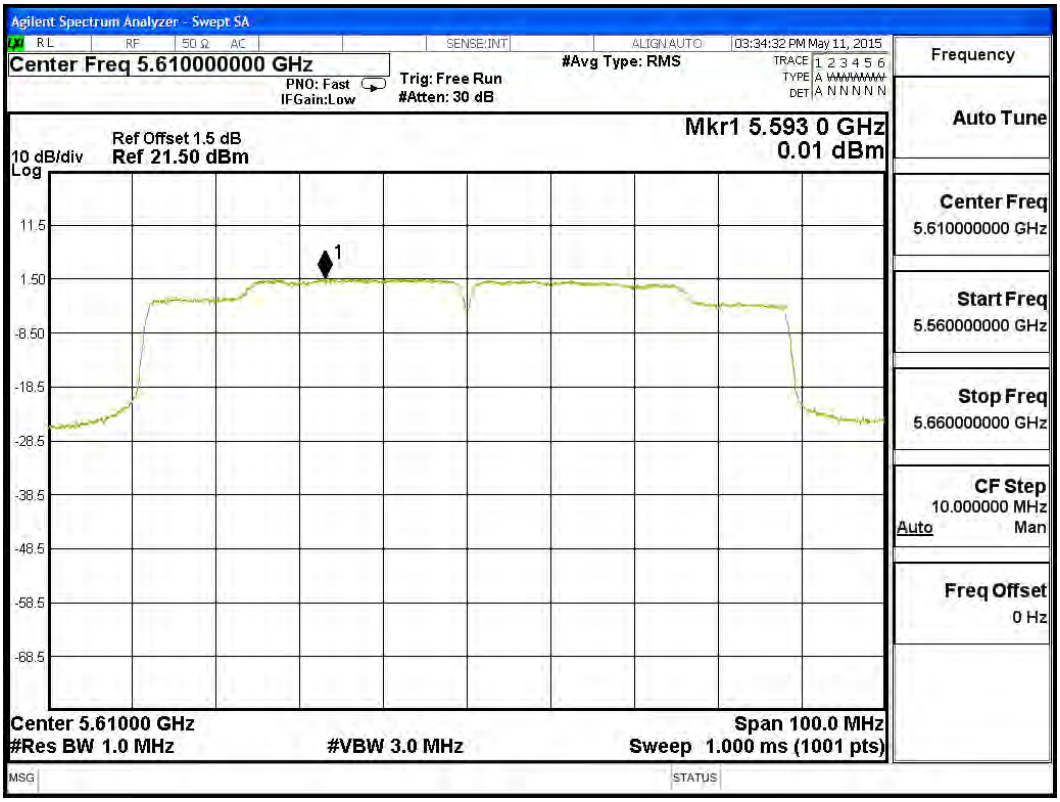
Channel 58 – Chain A



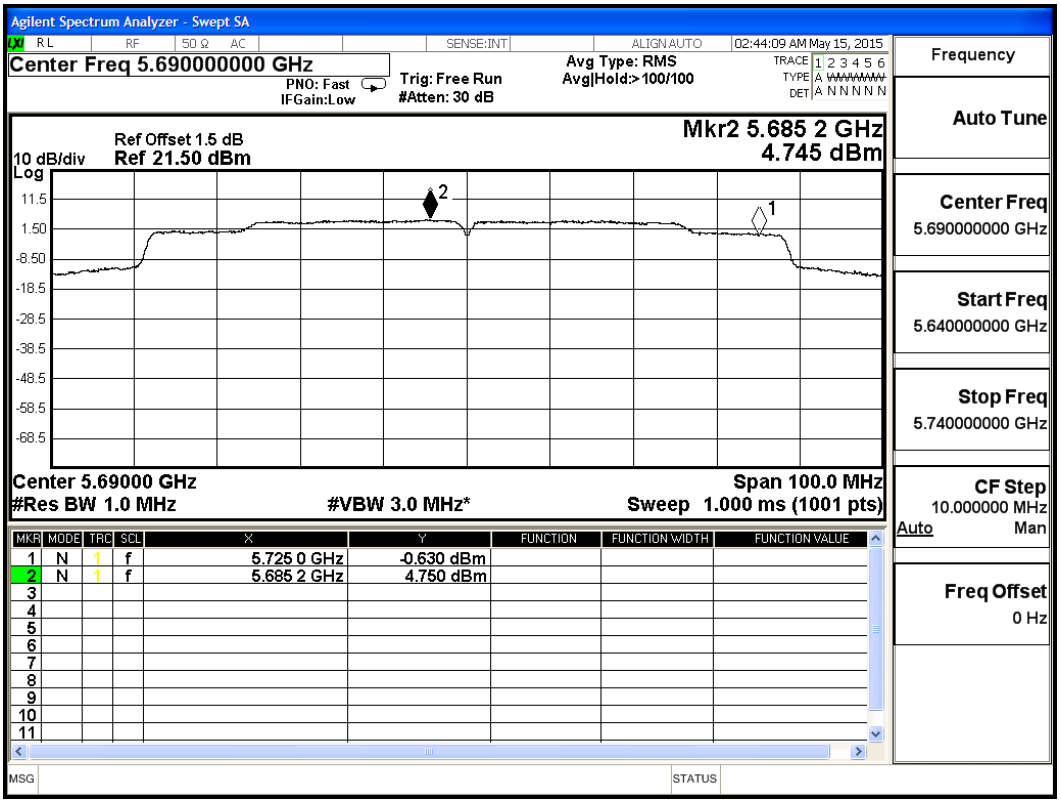
Channel 106 – Chain A



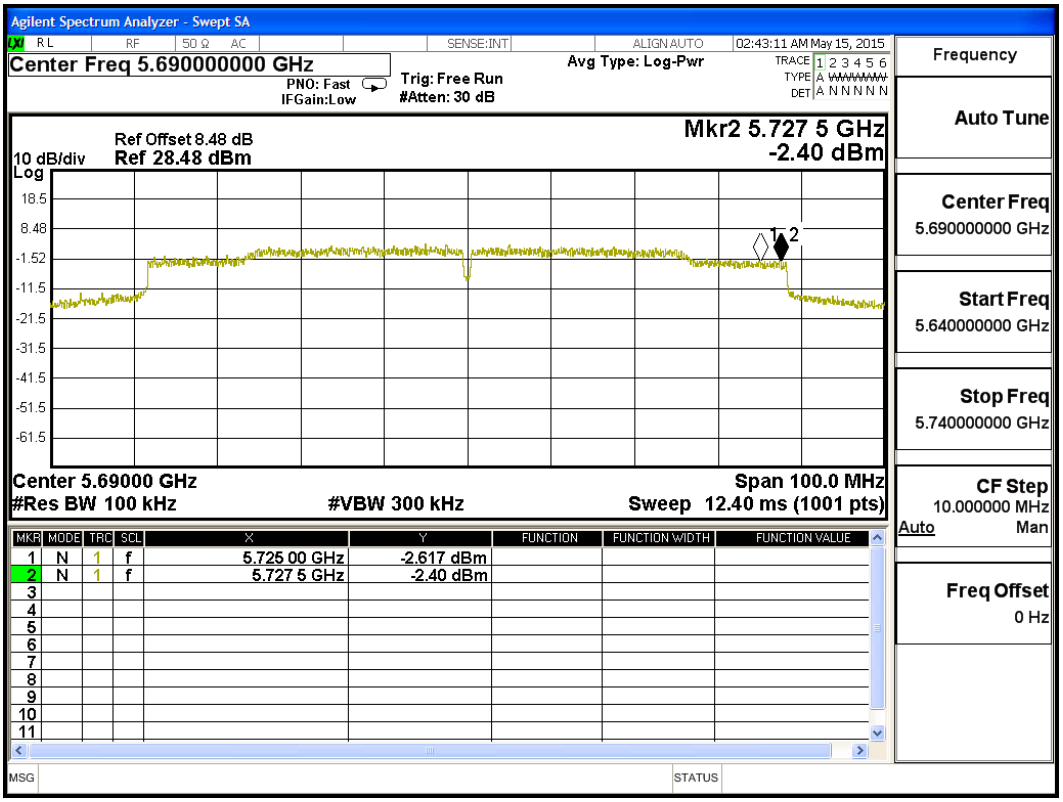
Channel 122 – Chain A



Channel 138 (Band3)– Chain A



Channel 138 (Band4)– Chain A



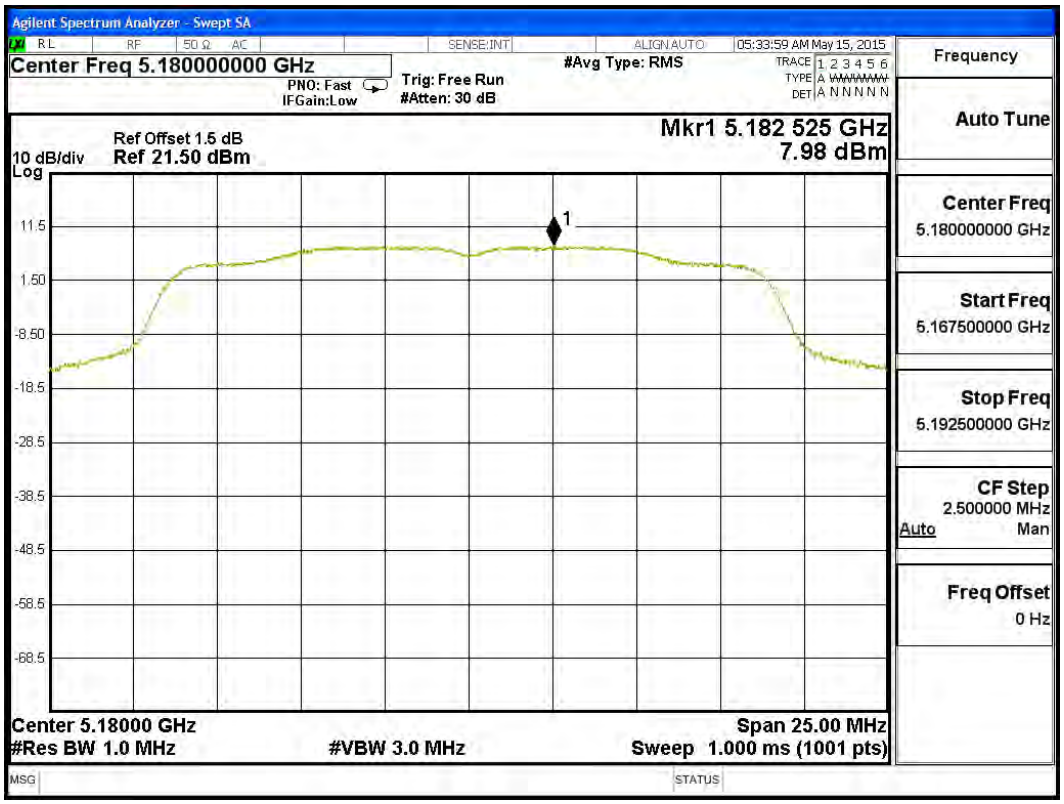
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	A	7.980	0.09	11.090	11	Pass
		B	7.730	0.09	10.830	11	Pass
44	5220	A	6.220	0.09	9.320	11	Pass
		B	6.710	0.09	9.810	11	Pass
48	5240	A	7.360	0.09	10.460	11	Pass
		B	6.800	0.09	9.900	11	Pass
52	5260	A	7.330	0.09	10.430	11	Pass
		B	7.110	0.09	10.210	11	Pass
60	5300	A	7.220	0.09	10.320	11	Pass
		B	7.000	0.09	10.100	11	Pass
64	5320	A	6.850	0.09	9.950	11	Pass
		B	6.730	0.09	9.830	11	Pass
100	5500	A	6.470	0.09	9.570	11	Pass
		B	7.760	0.09	10.860	11	Pass
116	5580	A	6.680	0.09	9.780	11	Pass
		B	7.580	0.09	10.680	11	Pass
140	5700	A	4.640	0.09	7.740	11	Pass
		B	4.950	0.09	8.050	11	Pass

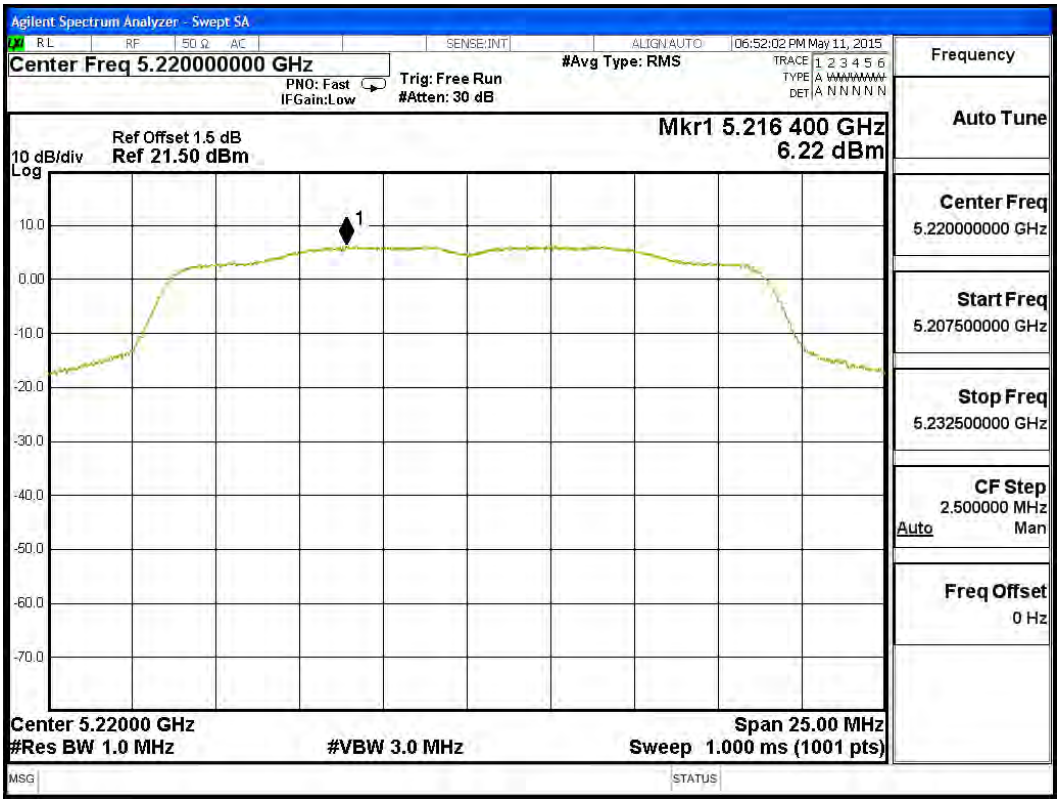
Note:

1. The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.
2. Total PPSD = PPSD value + Duty Factor + 10*log 2.

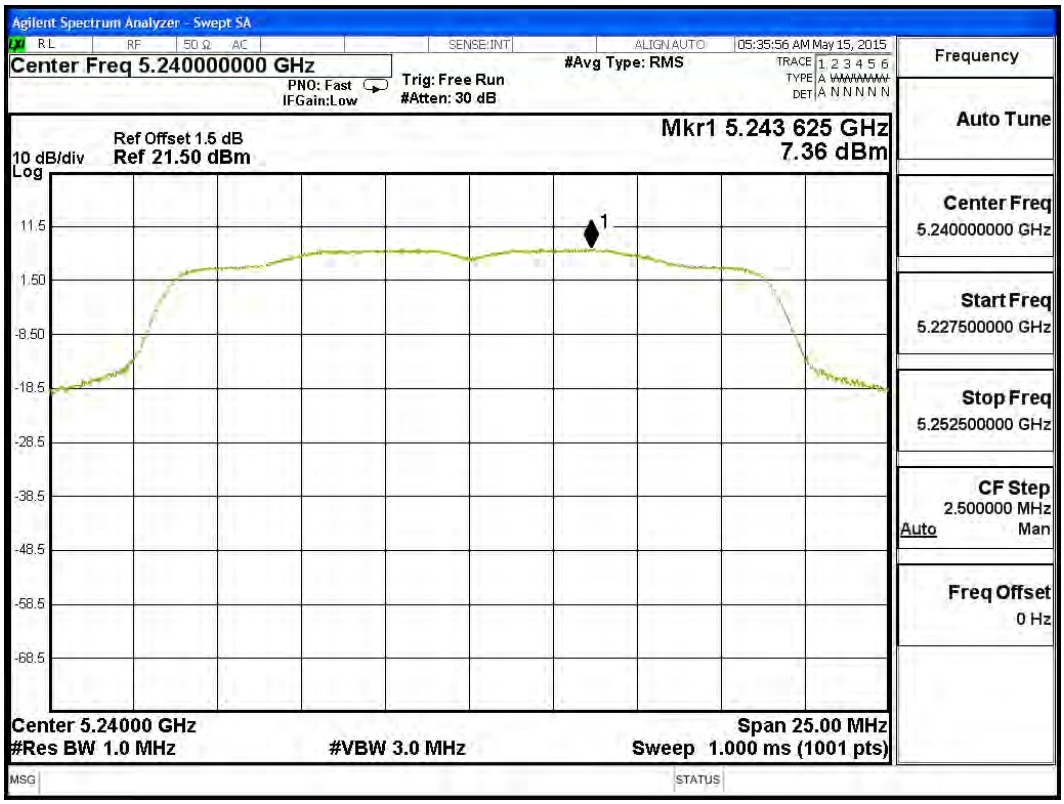
Channel 36 – Chain A



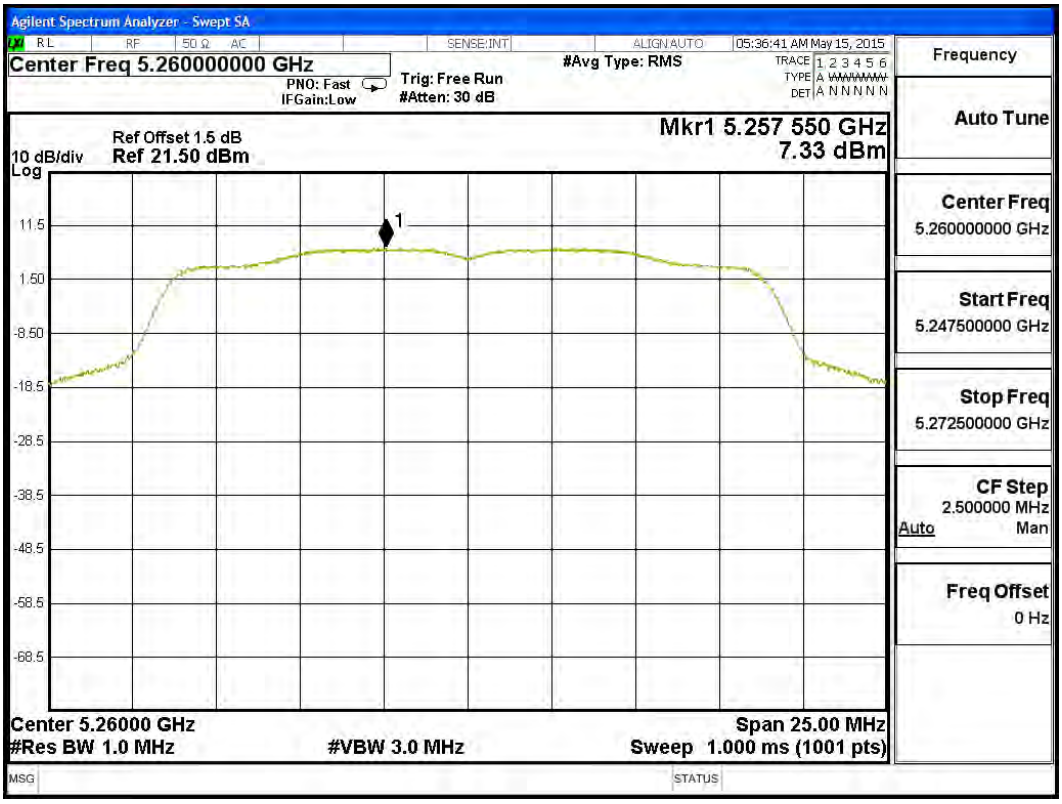
Channel 44 – Chain A



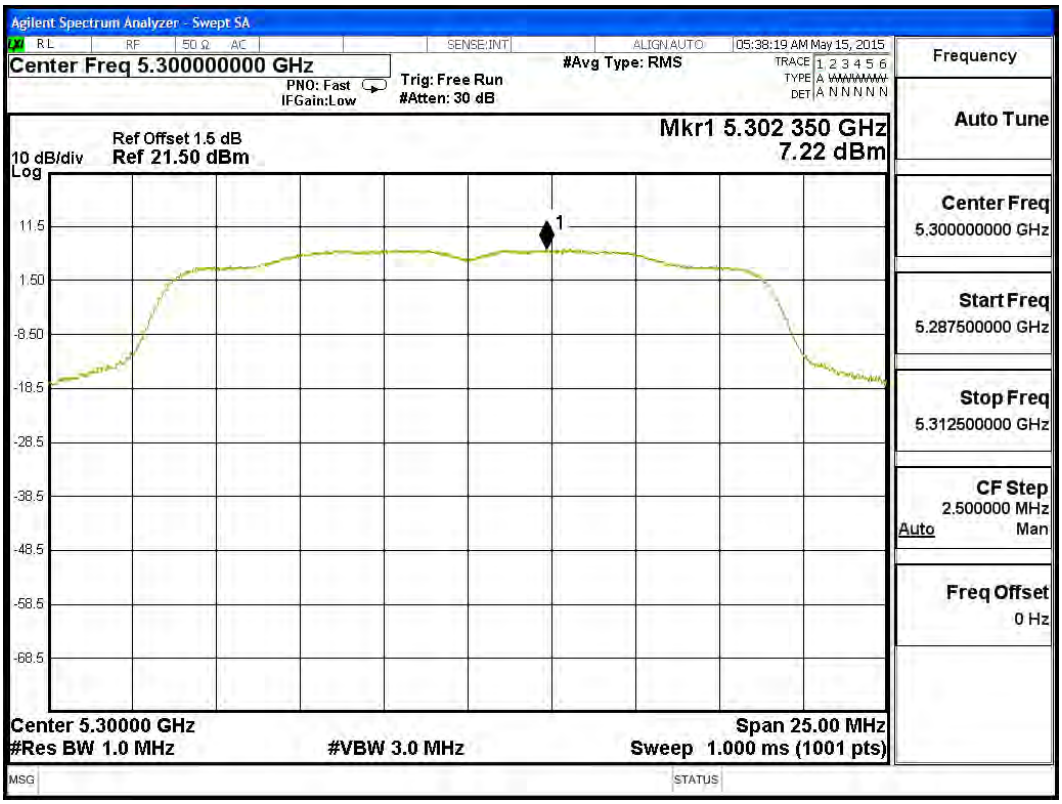
Channel 48 – Chain A



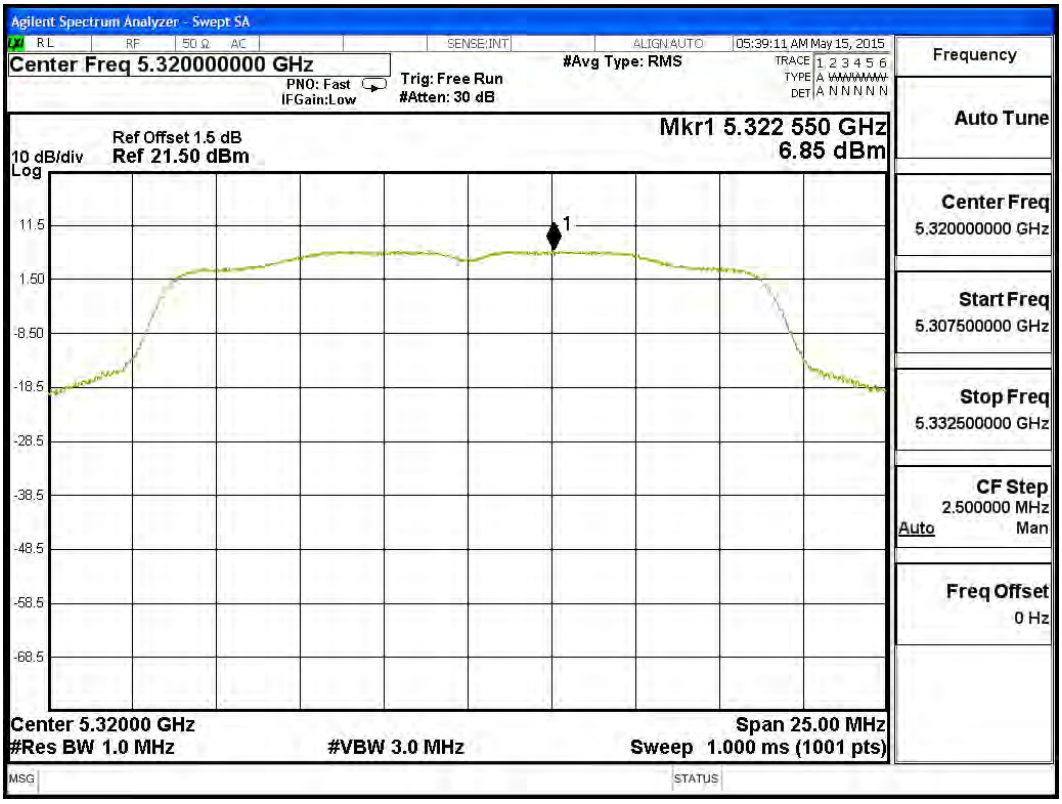
Channel 52 – Chain A



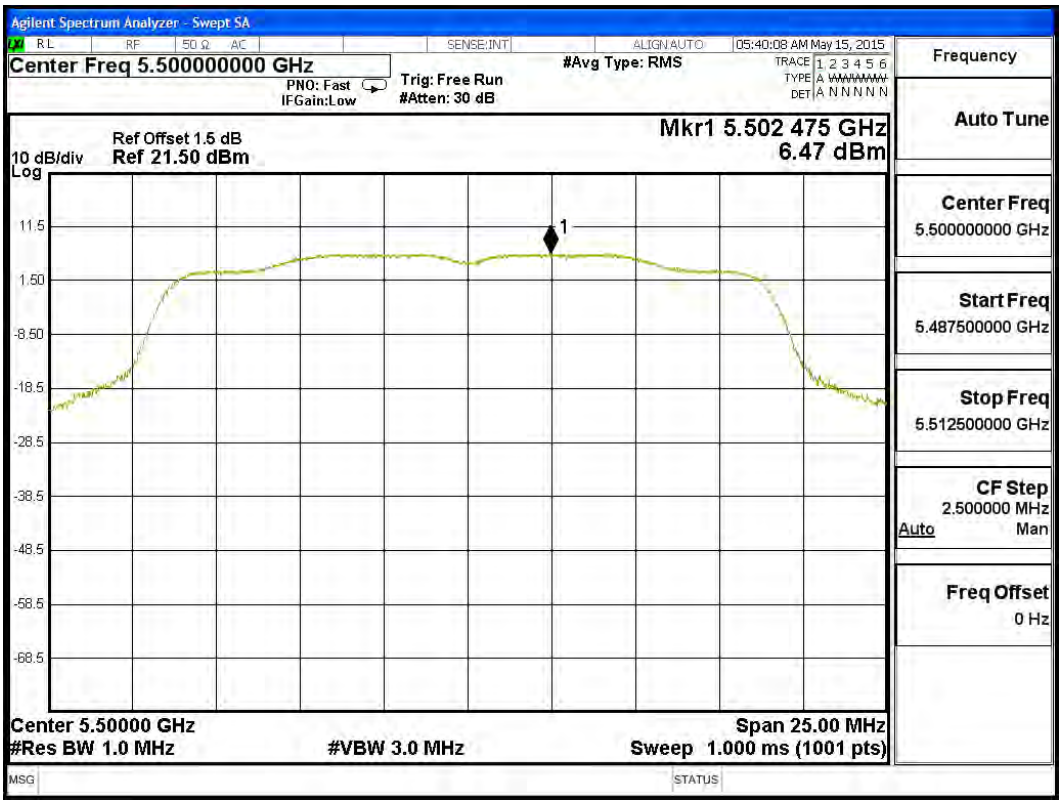
Channel 60 – Chain A



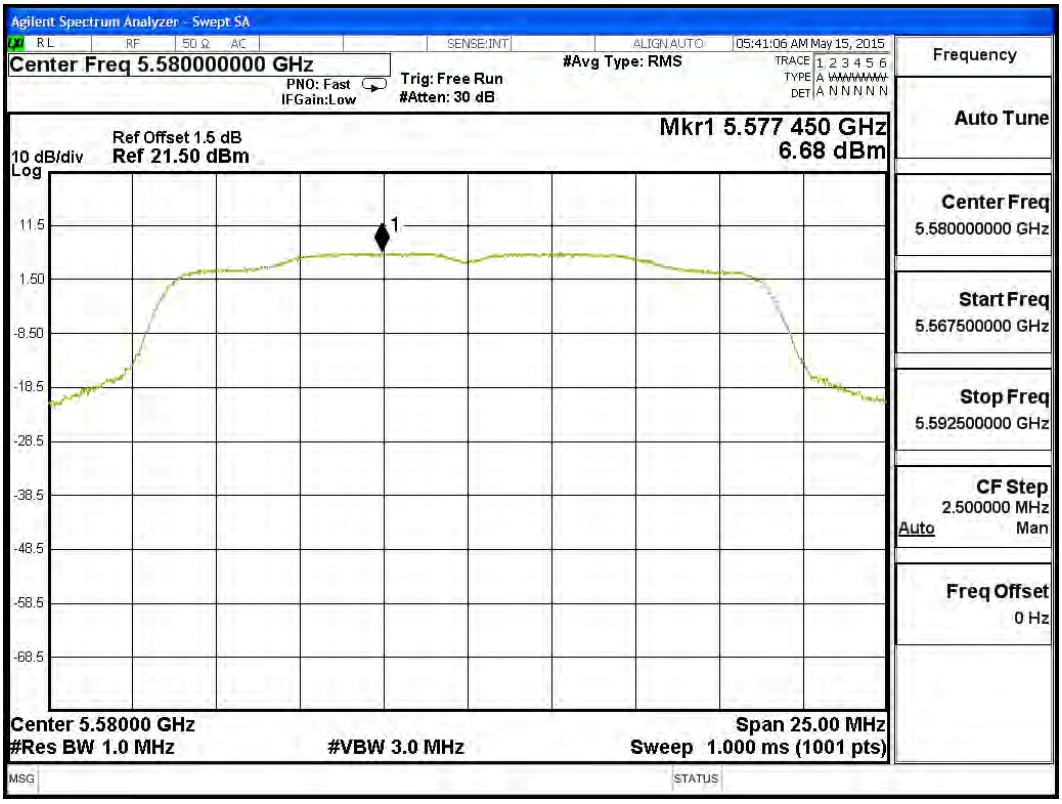
Channel 64 – Chain A



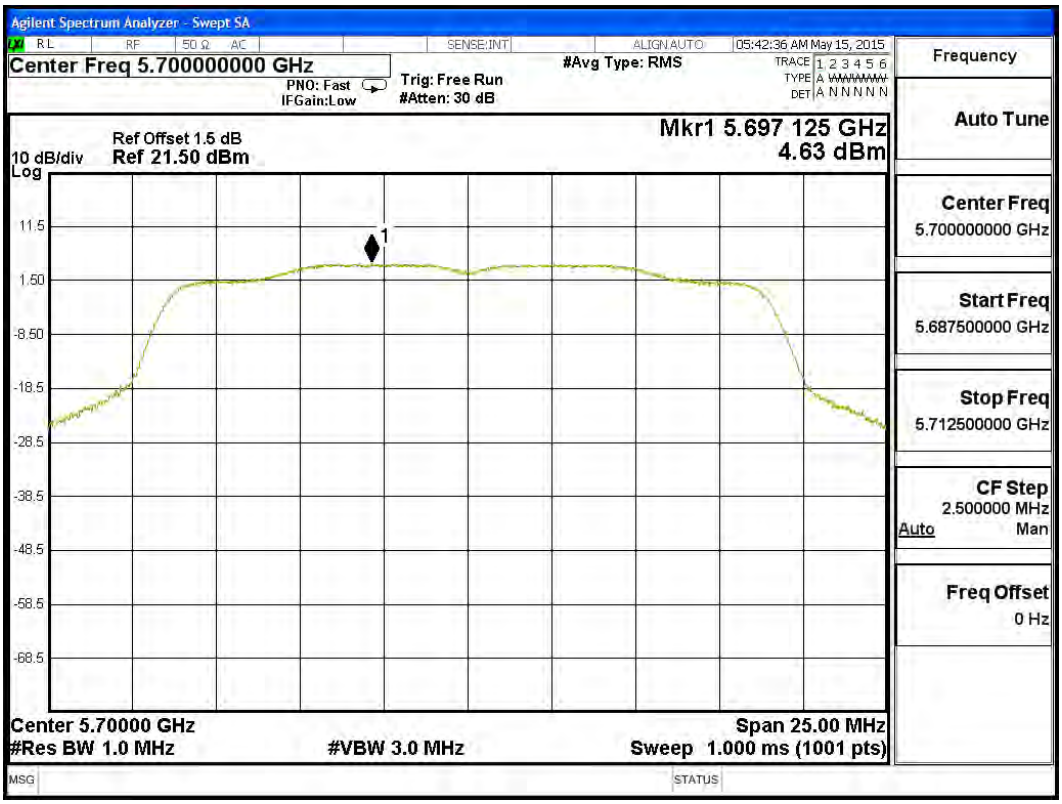
Channel 100 – Chain A



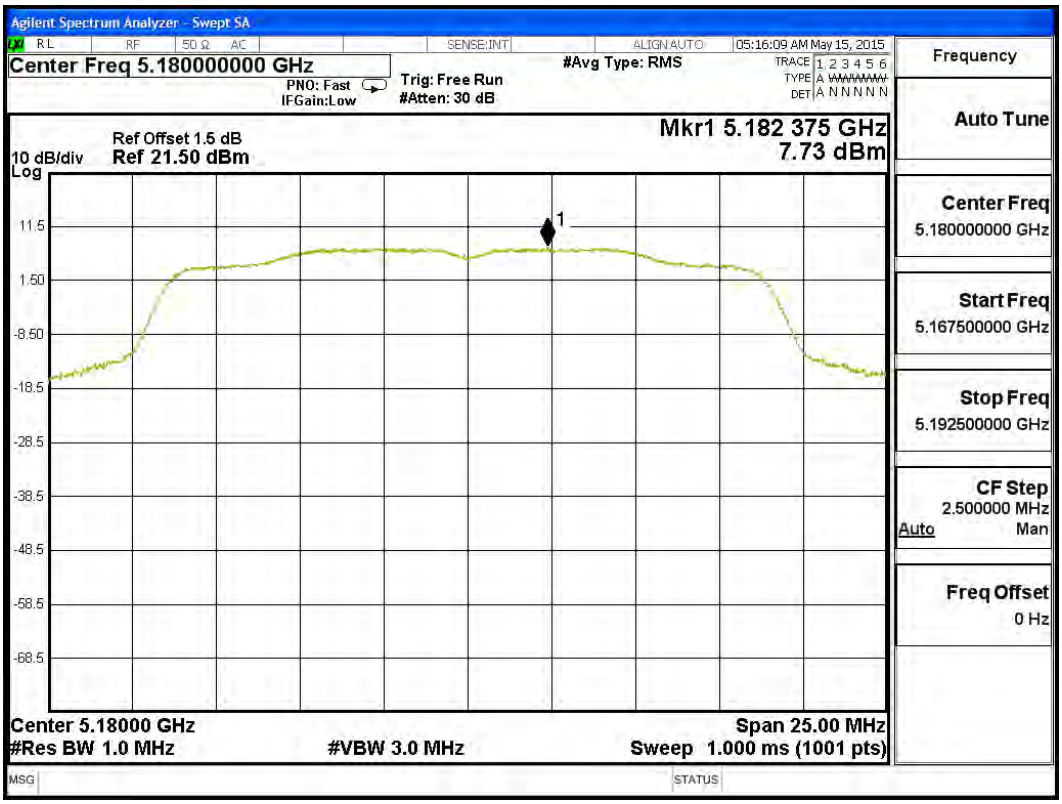
Channel 116 – Chain A



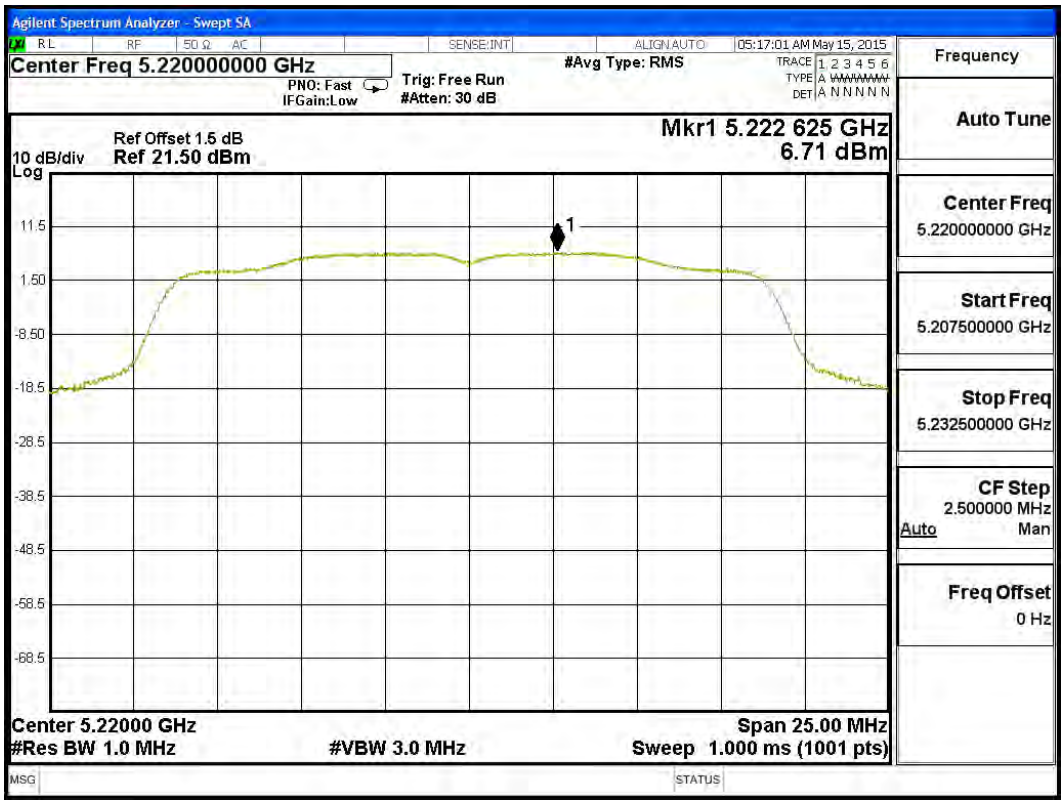
Channel 140 – Chain A



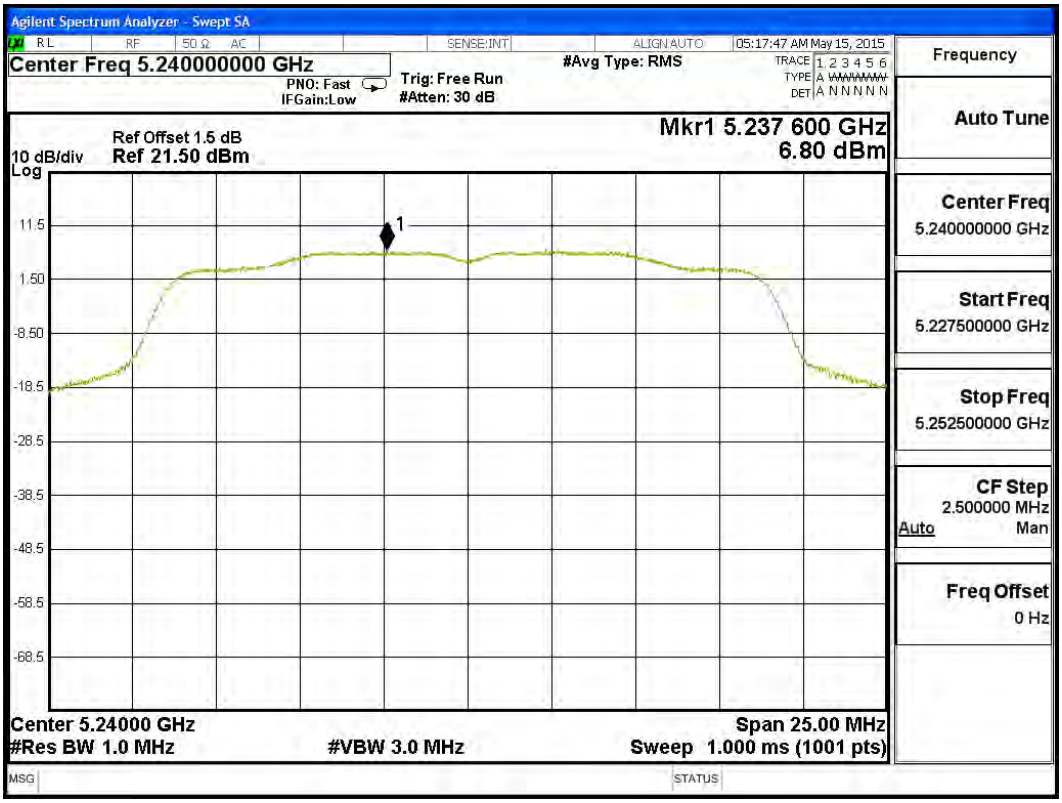
Channel 36 – Chain B



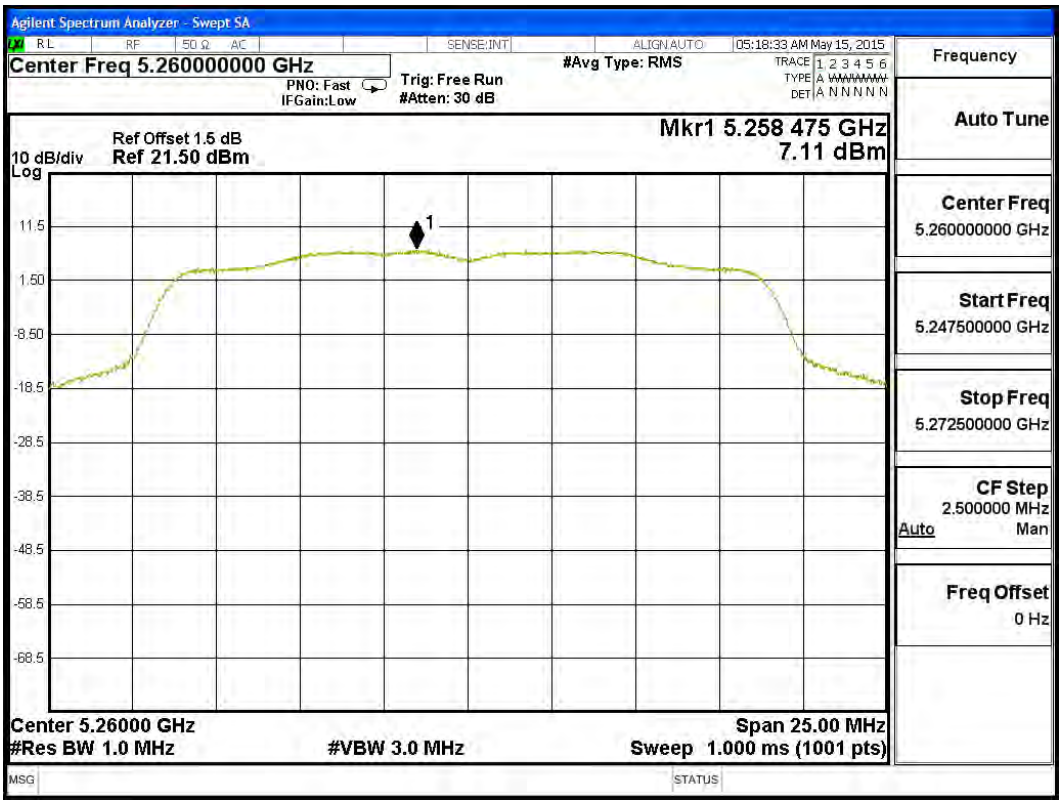
Channel 44 – Chain B



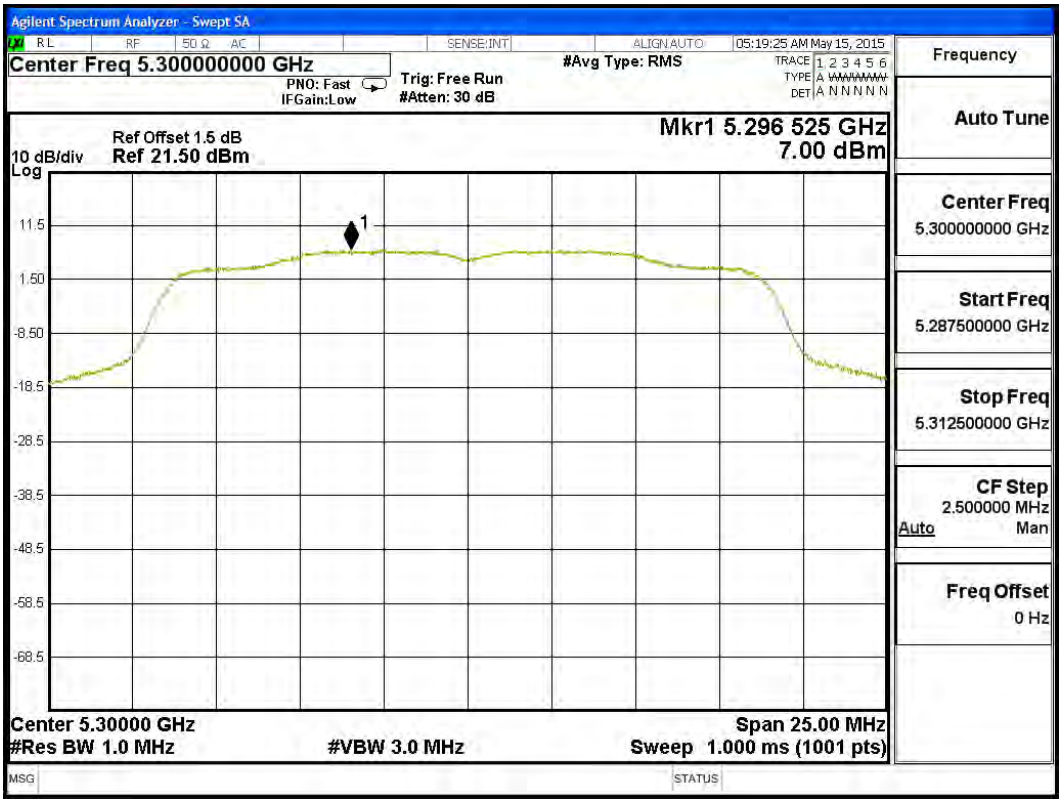
Channel 48 – Chain B



Channel 52 – Chain B

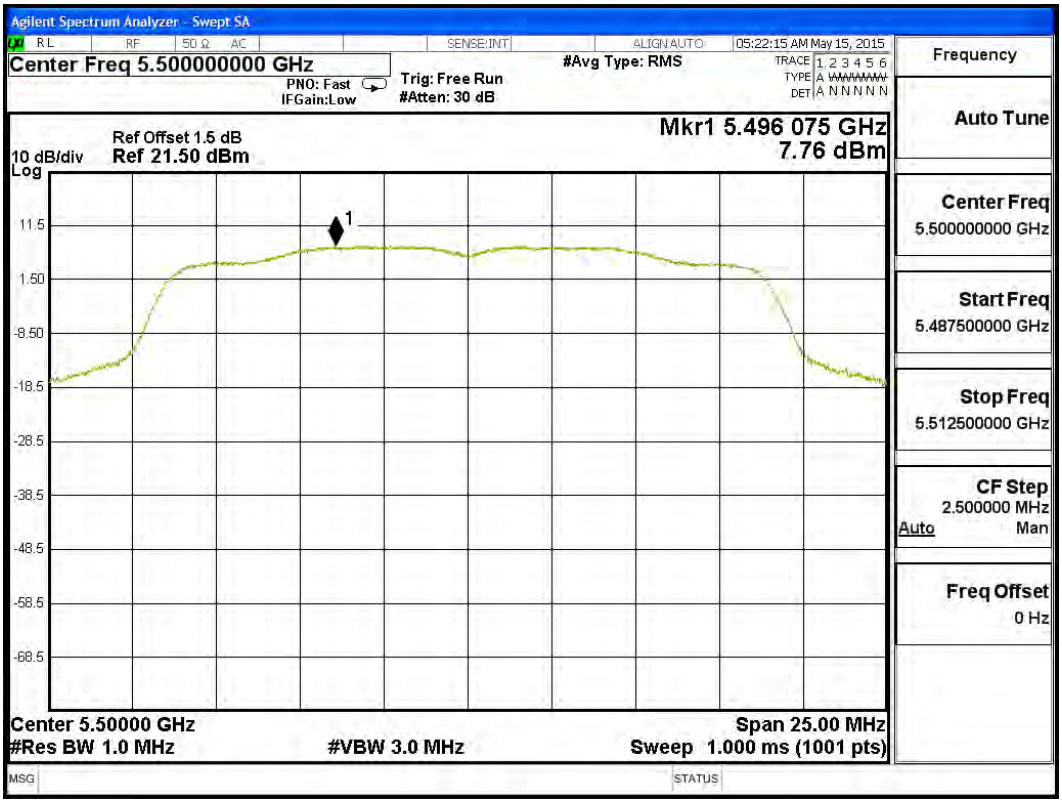


Channel 60 – Chain B

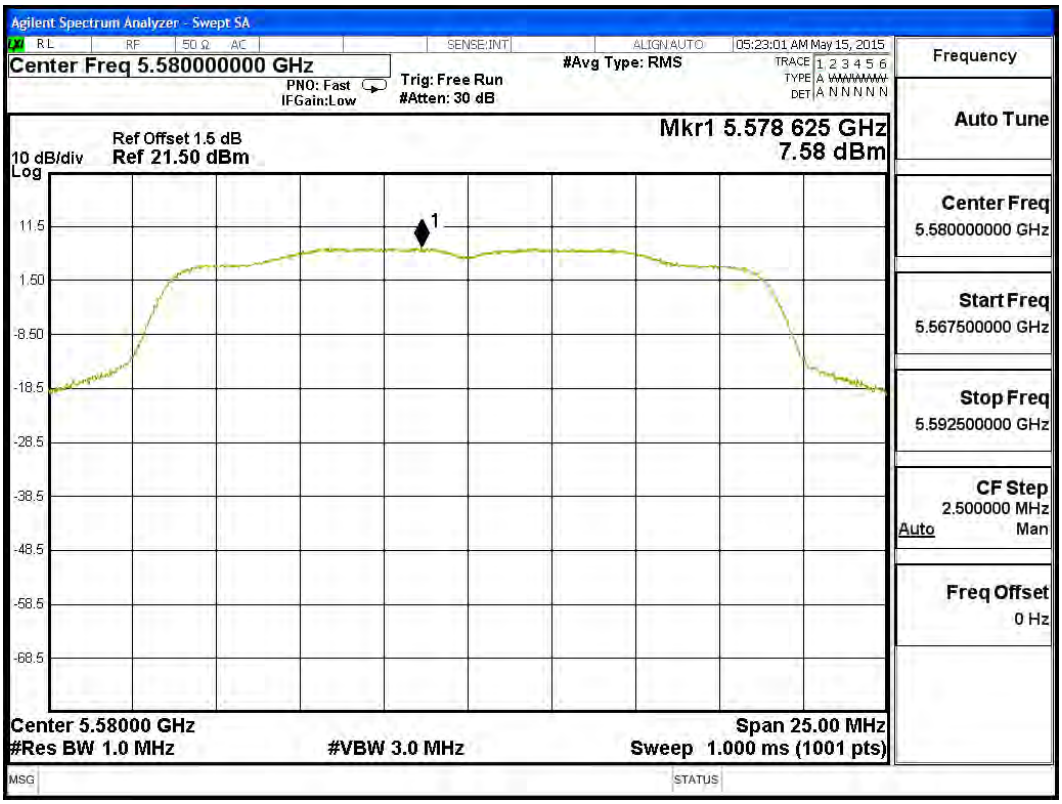


Channel 64 – Chain B

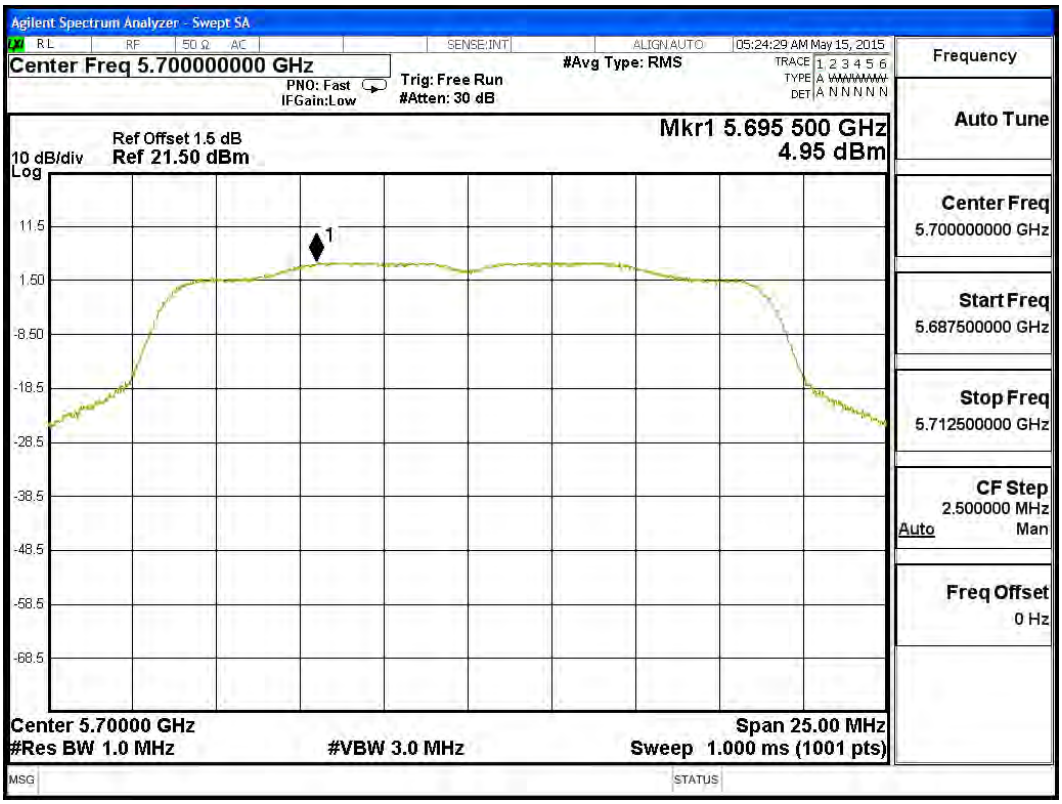
Channel 100 – Chain B



Channel 116 – Chain B



Channel 140 – Chain B



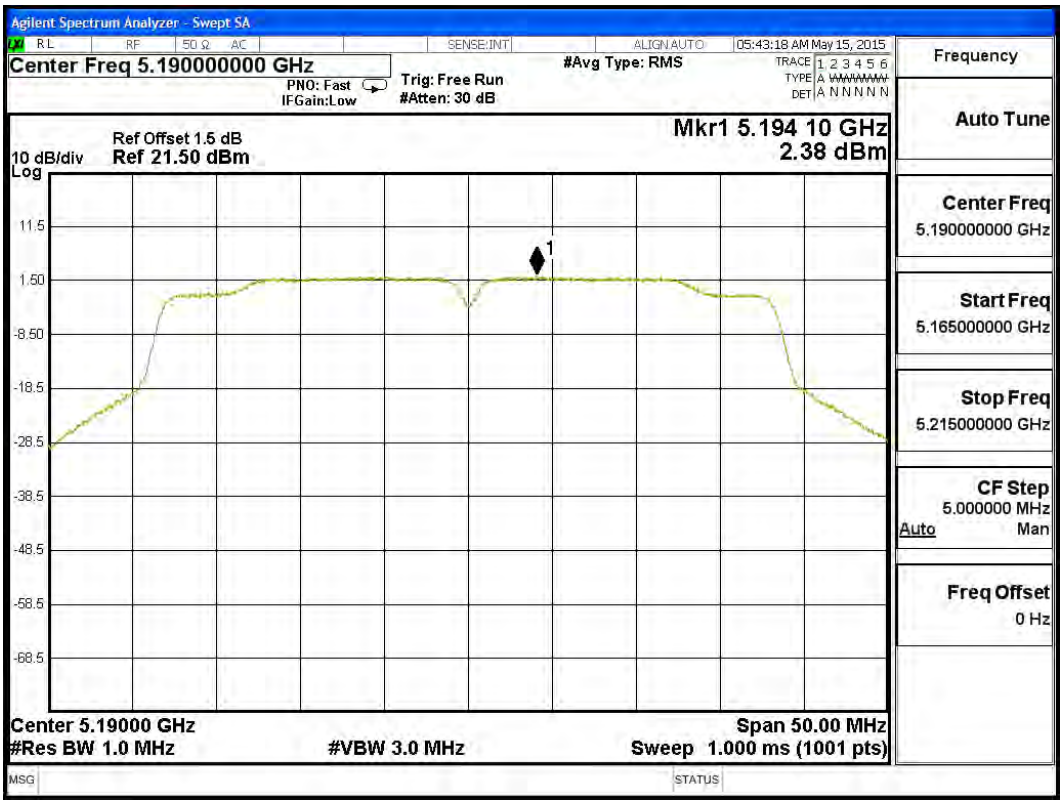
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps)

Channel Number	Frequency (MHz)	Data Rata (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
38	5190	A	2.380	0.15	5.540	11	Pass
		B	2.130	0.15	5.290	11	Pass
46	5230	A	4.080	0.15	7.240	11	Pass
		B	3.650	0.15	6.810	11	Pass
54	5270	A	4.290	0.15	7.450	11	Pass
		B	4.450	0.15	7.610	11	Pass
62	5310	A	-1.660	0.15	1.500	11	Pass
		B	-2.050	0.15	1.110	11	Pass
102	5510	A	2.070	0.15	5.230	11	Pass
		B	3.230	0.15	6.390	11	Pass
110	5550	A	3.670	0.15	6.830	11	Pass
		B	4.670	0.15	7.830	11	Pass
134	5670	A	3.440	0.15	6.600	11	Pass
		B	3.740	0.15	6.900	11	Pass

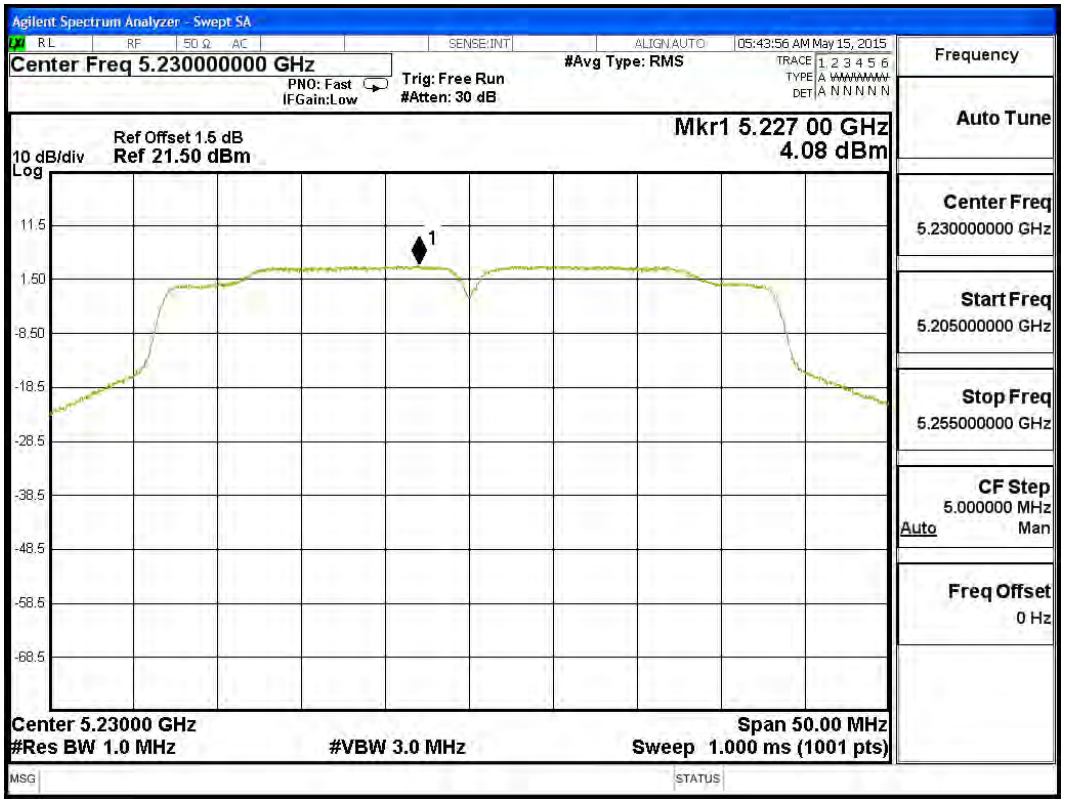
Note:

1. The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.
2. Total PPSD = PPSD value + Duty Factor + 10*log 2.

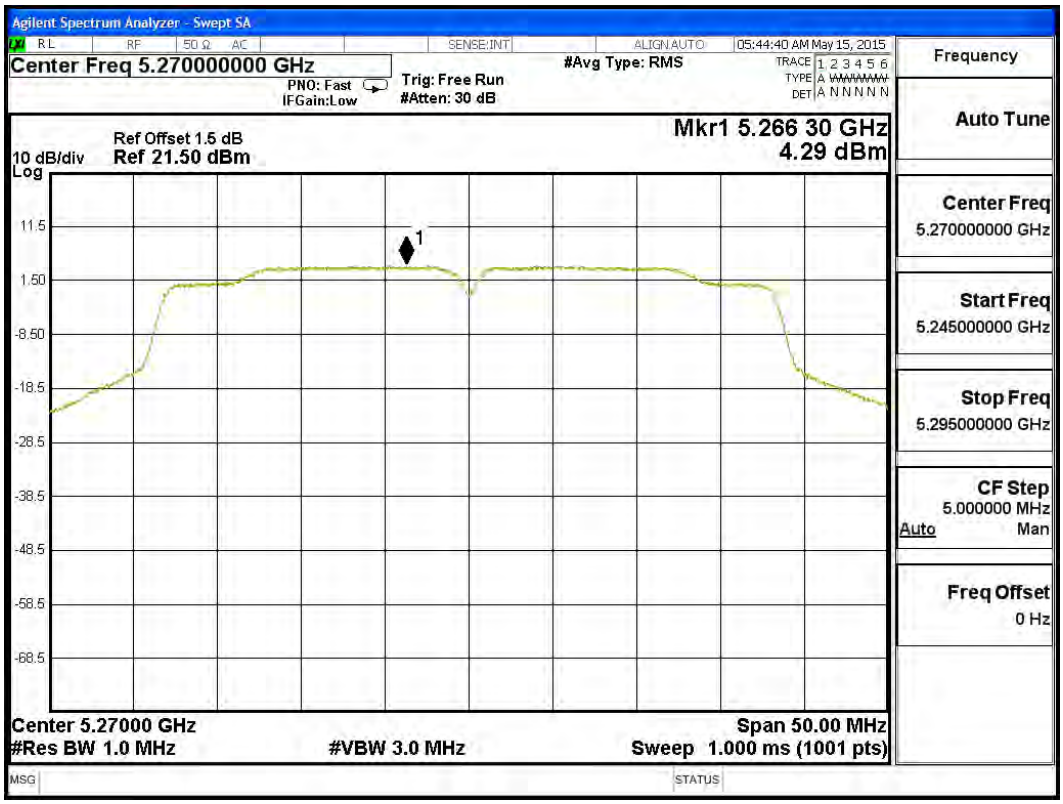
Channel 38 – Chain A



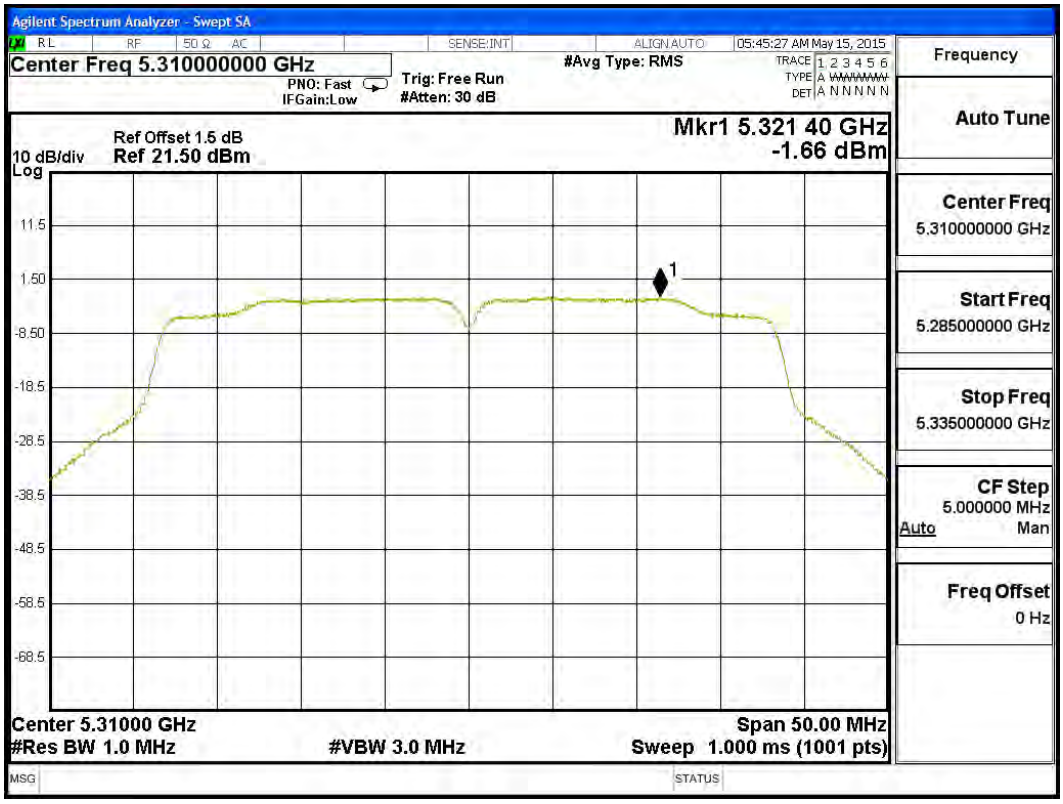
Channel 46 – Chain A



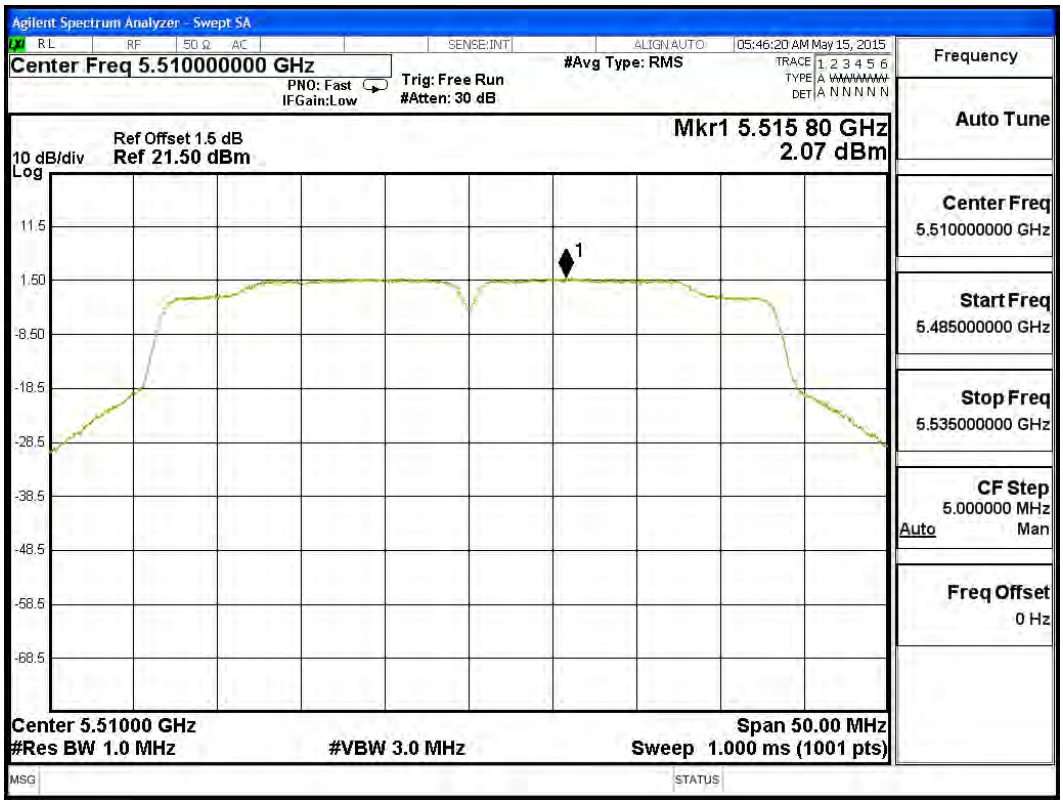
Channel 54 – Chain A



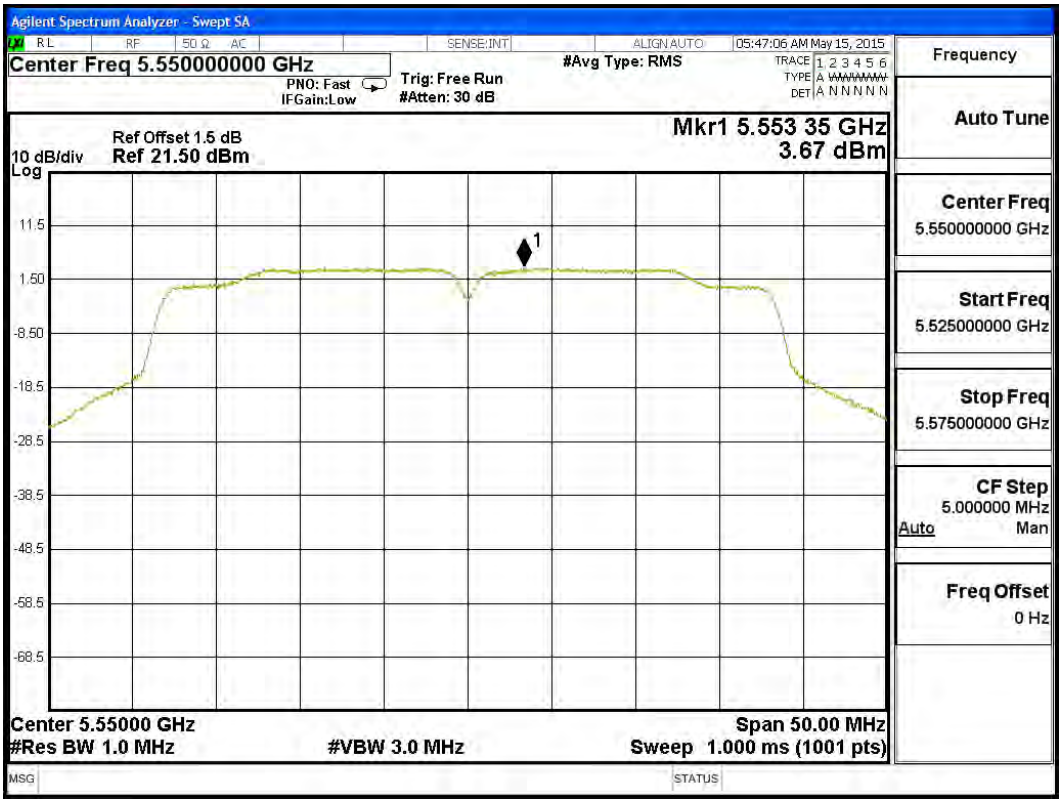
Channel 62 – Chain A



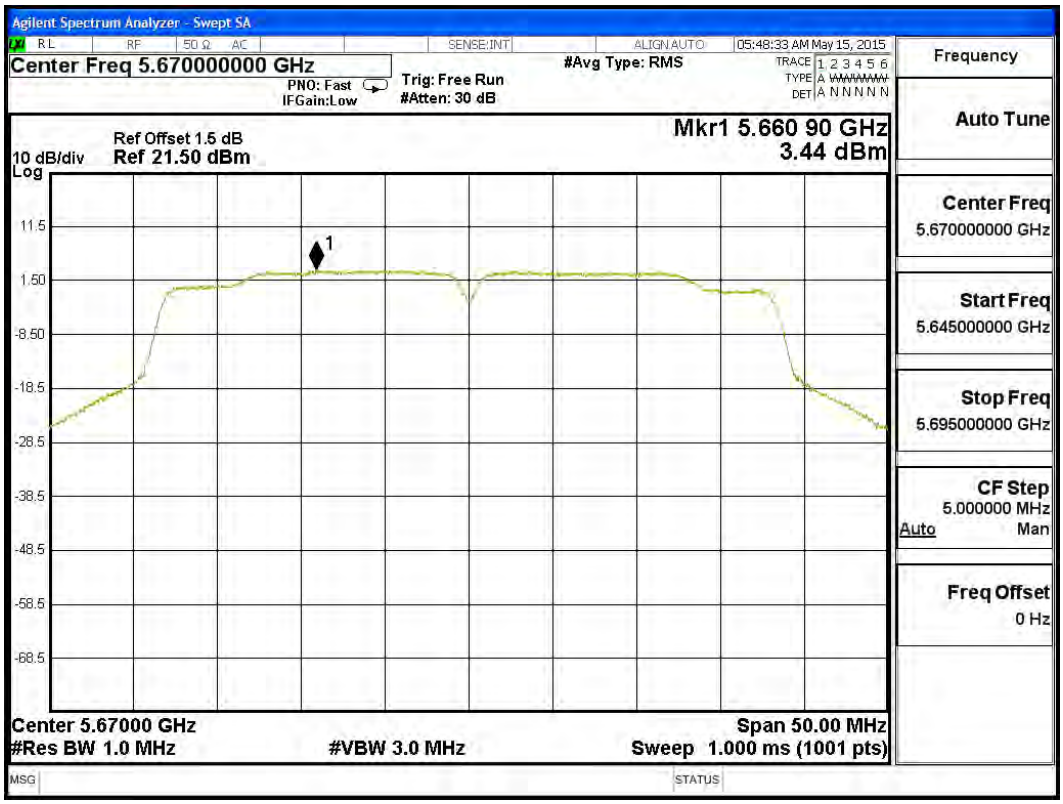
Channel 102 – Chain A



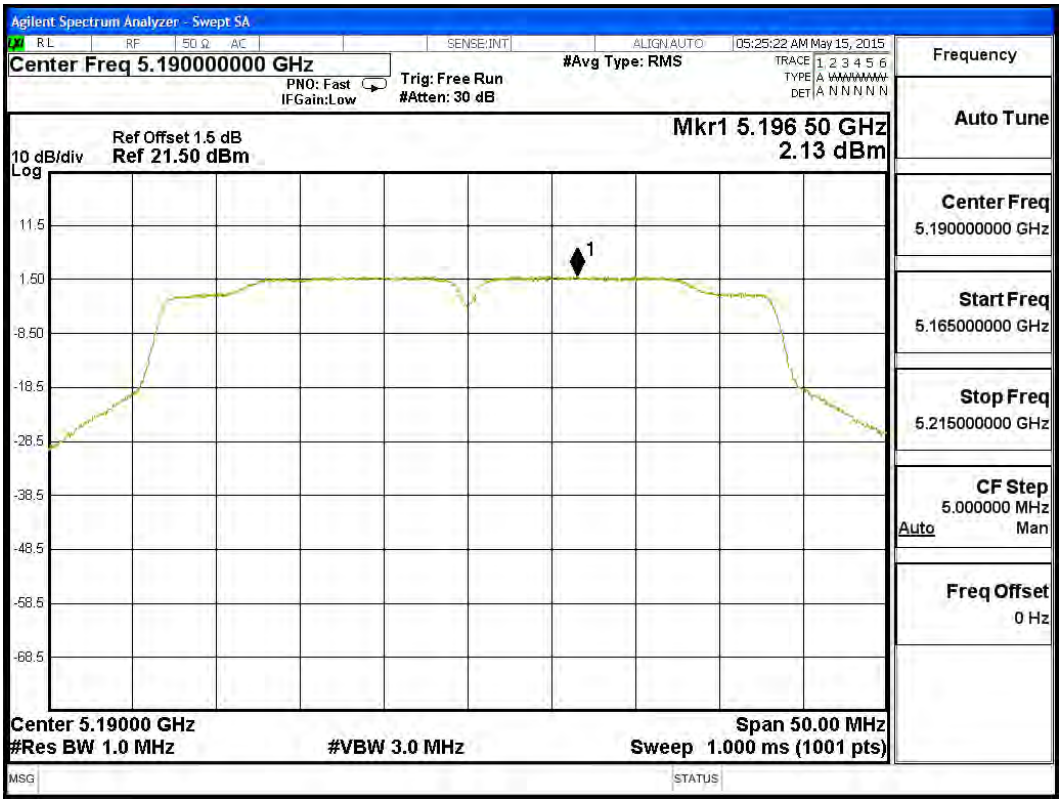
Channel 110 – Chain A



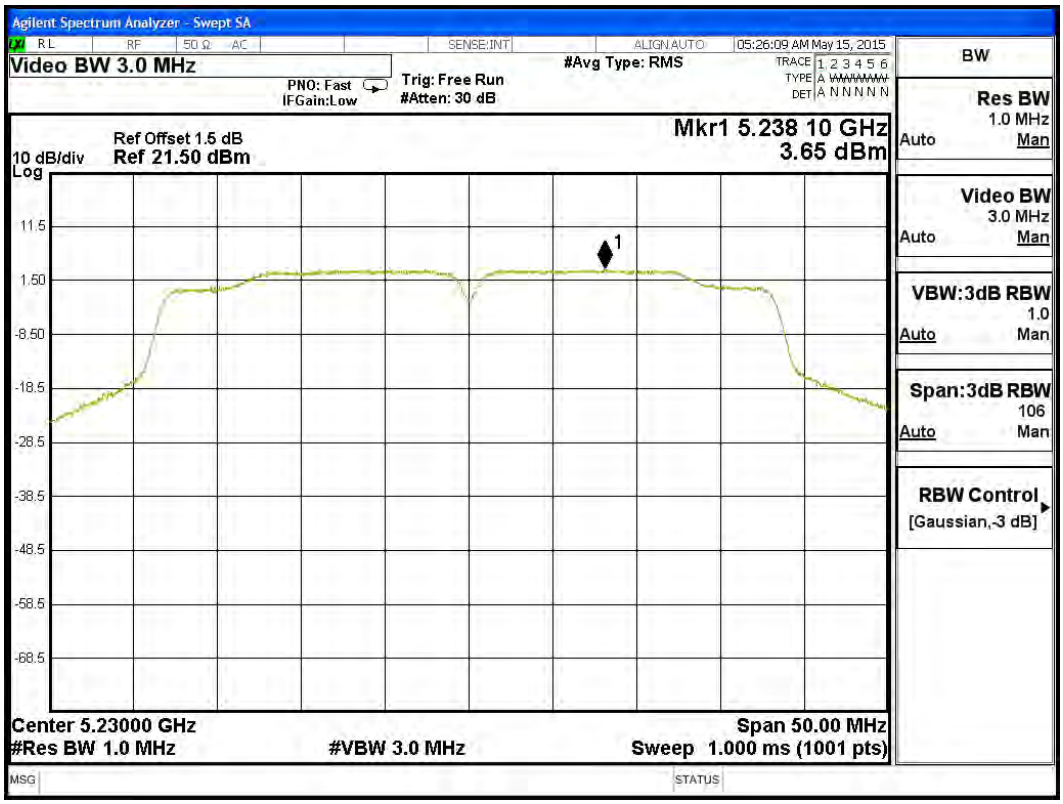
Channel 134 – Chain A



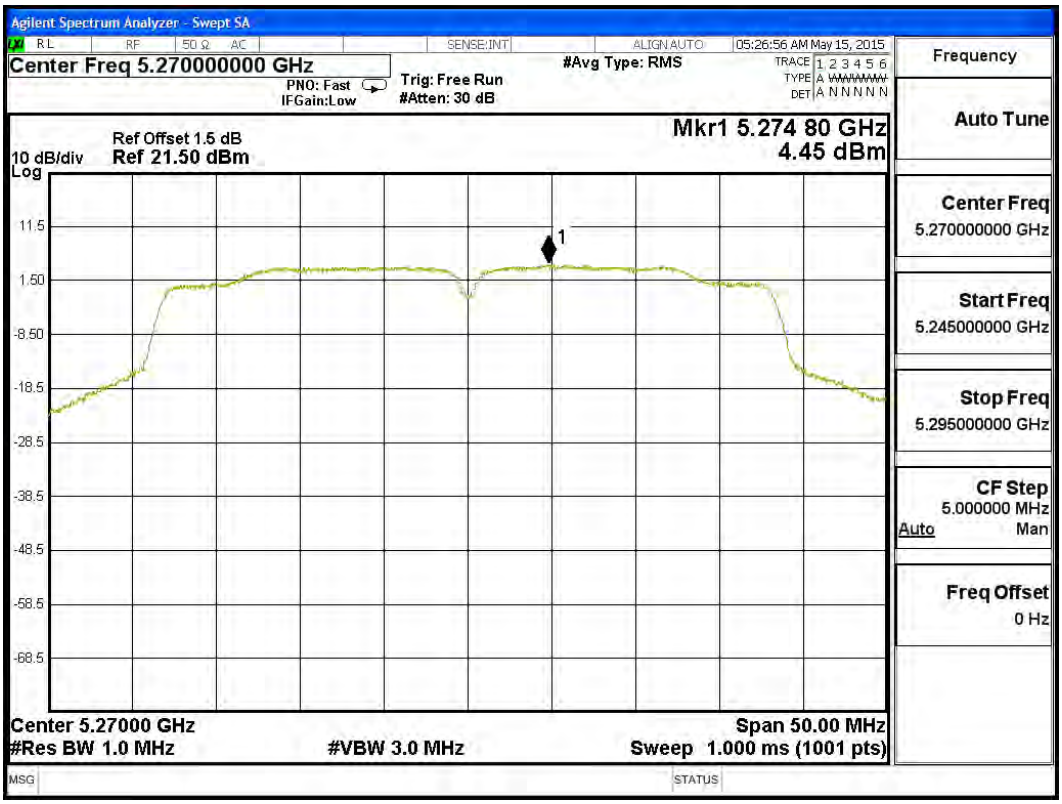
Channel 38 – Chain B



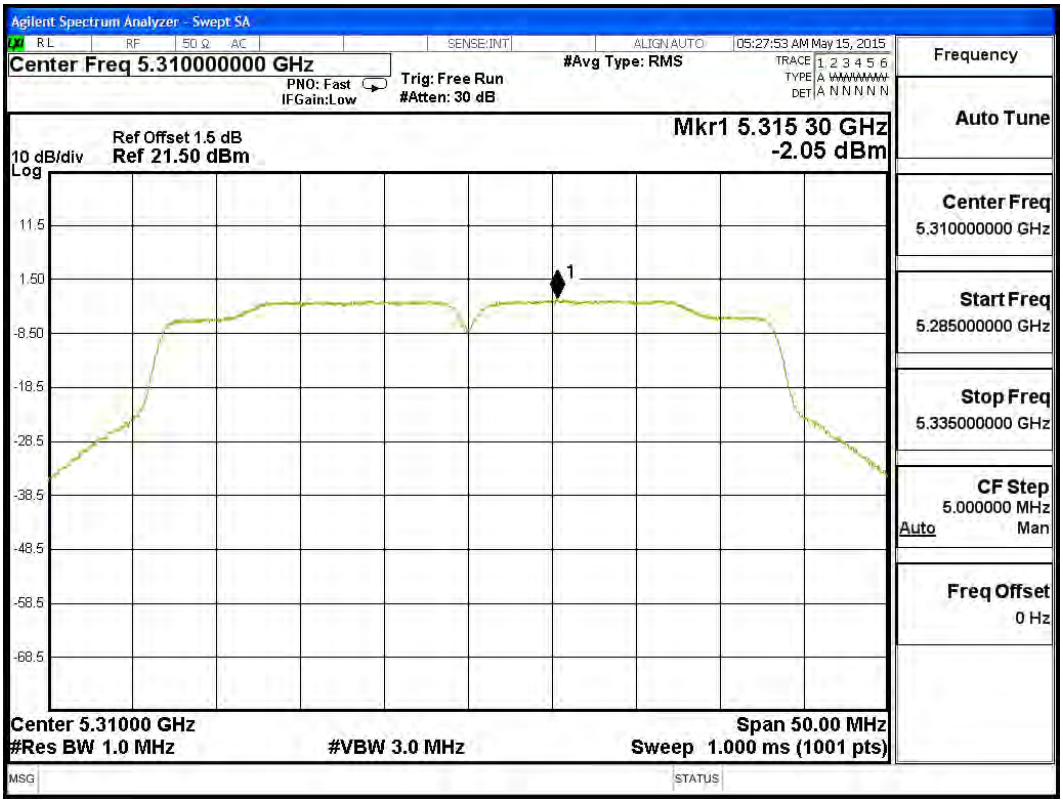
Channel 46 – Chain B



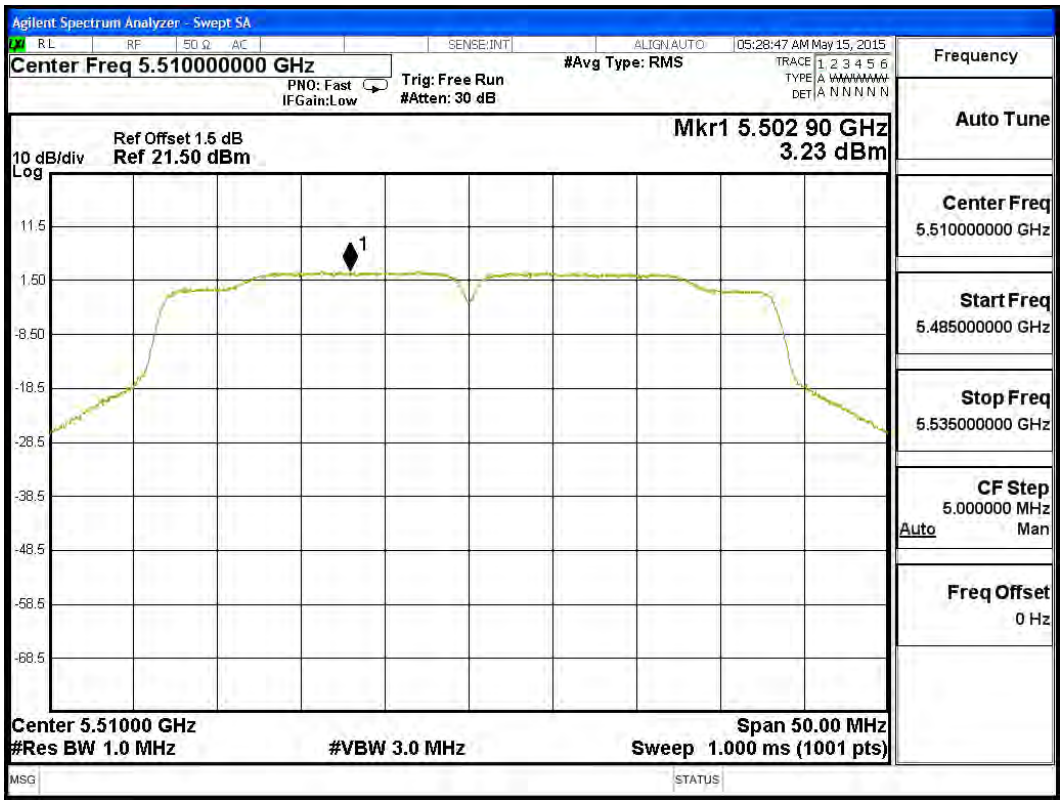
Channel 54 – Chain B



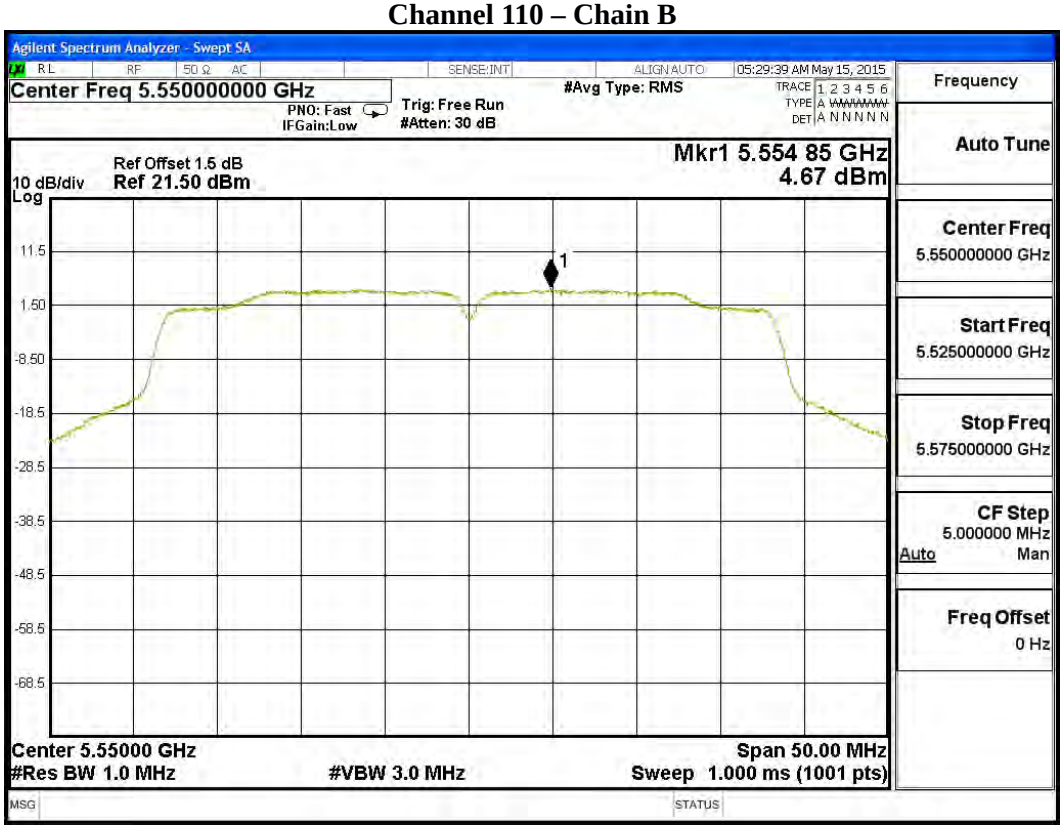
Channel 62 – Chain B



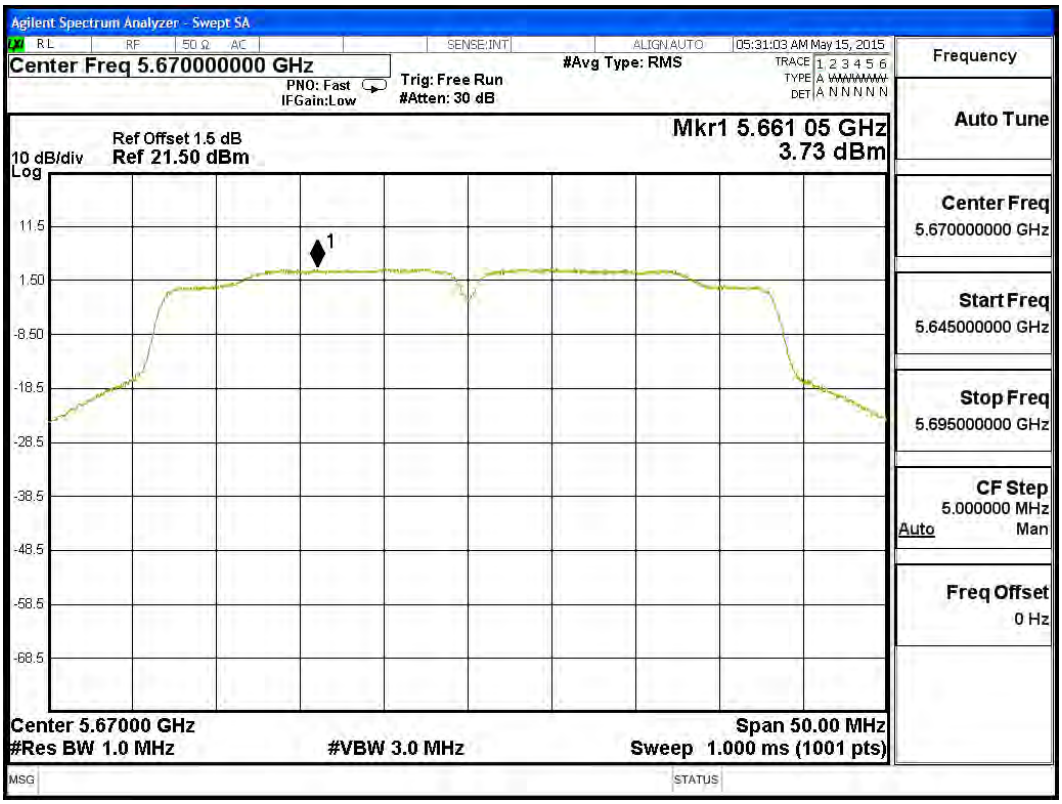
Channel 102 – Chain B



Channel 110 – Chain B



Channel 134 – Chain B



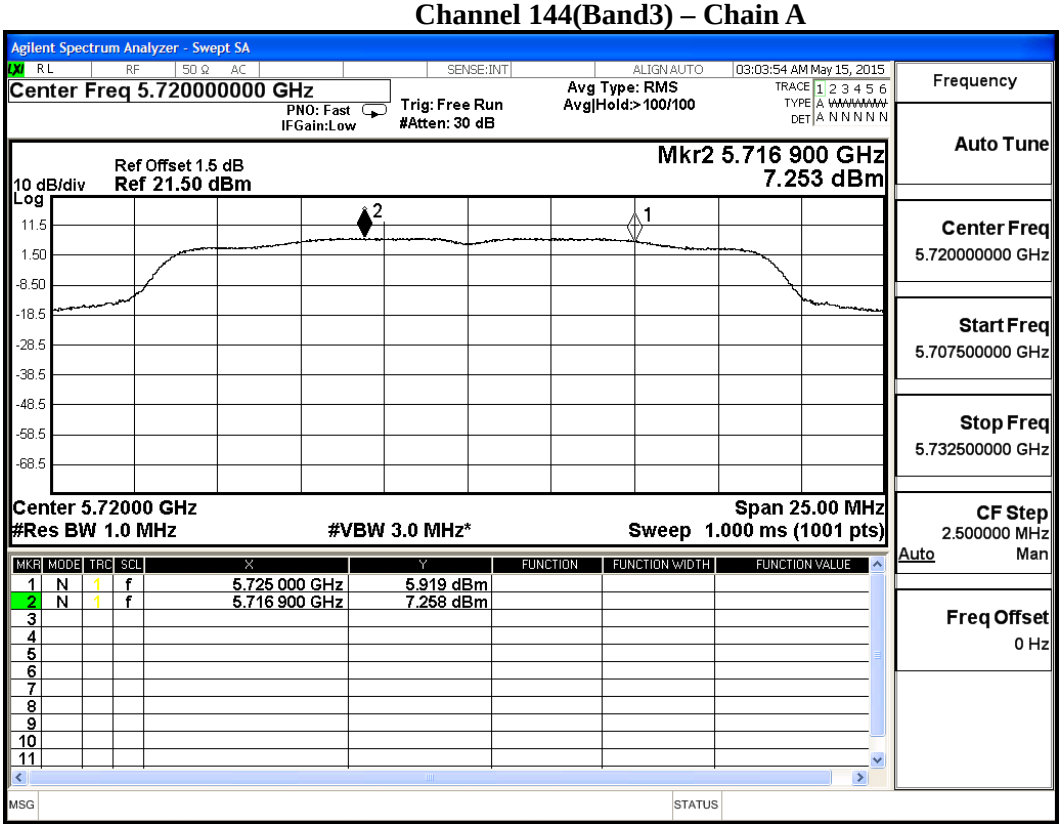
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11ac-20BW-14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
144	5720(Band3)	A	7.253	--	0.09	10.353	<11	Pass
		B	7.399	--	0.09	10.499	<11	Pass
144	5720(Band4)	A	4.210	6.98	0.09	14.290	<30	Pass
		B	4.570	6.98	0.09	14.650	<30	Pass

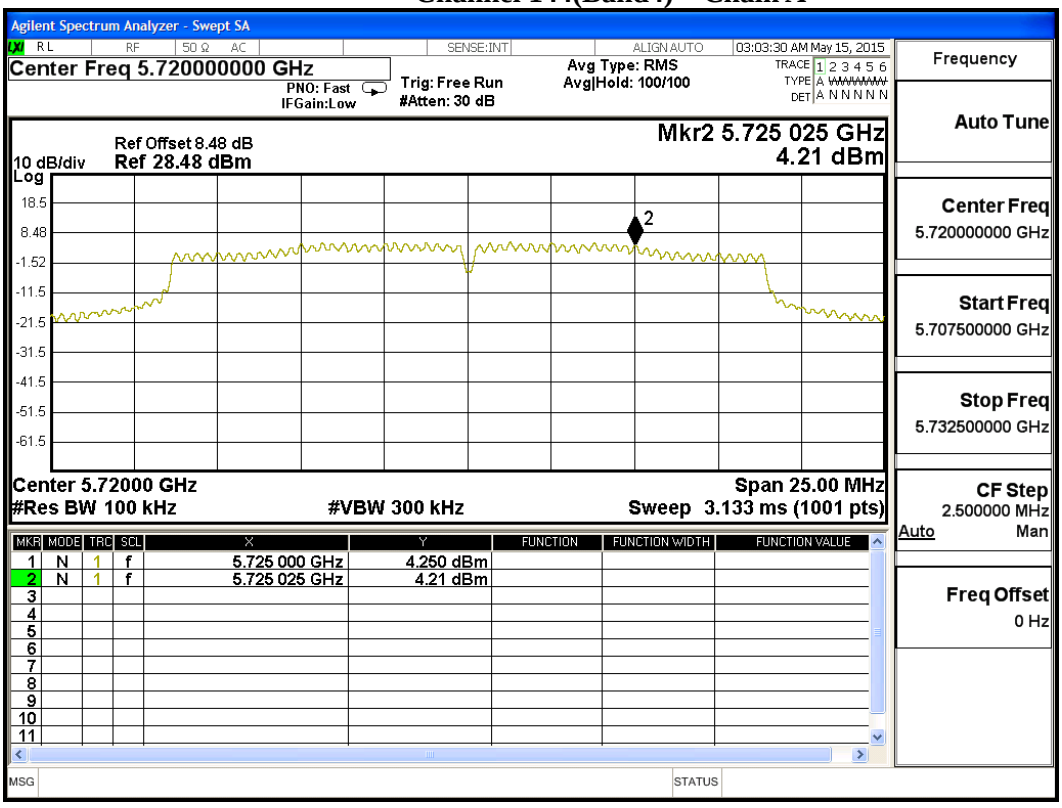
Note:

1. The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.
2. Total PPSD = PPSD value + Duty Factor + 10*log 2 + BWCF

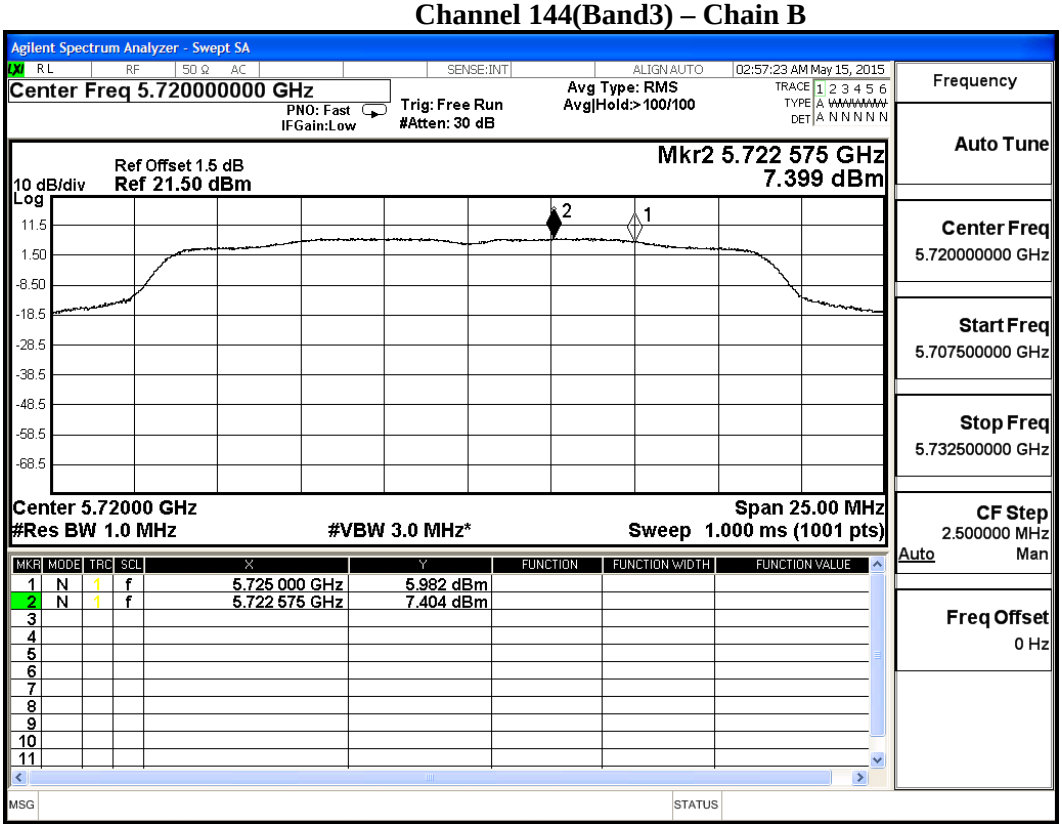
Channel 144(Band3) – Chain A



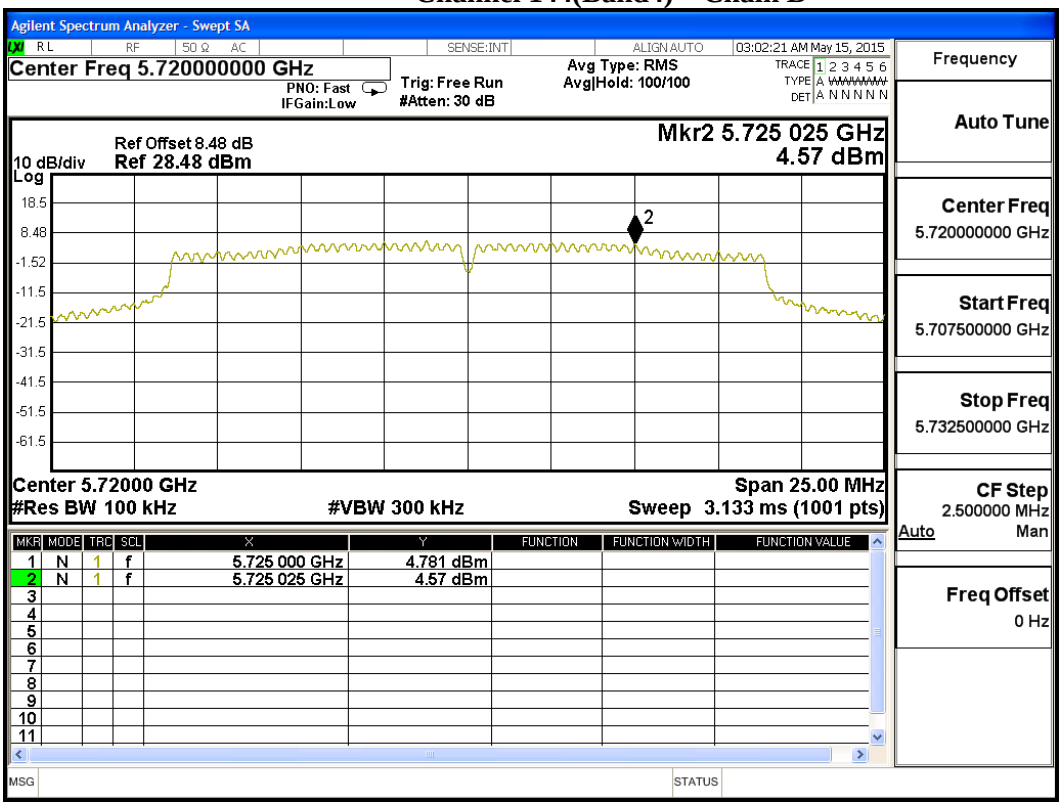
Channel 144(Band4) – Chain A



Channel 144(Band3) – Chain B



Channel 144(Band4) – Chain B



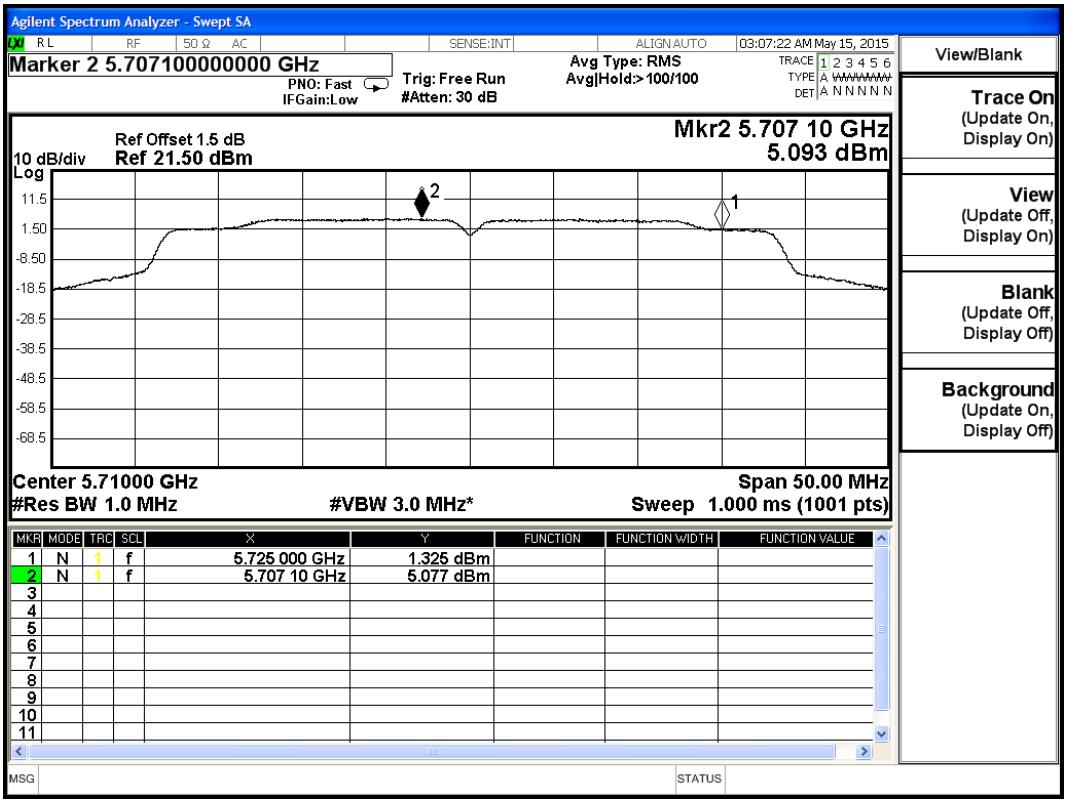
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11ac-40BW-30Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
142	5710(Band3)	A	5.093	--	0.15	8.253	<11	Pass
		B	4.945	--	0.15	8.105	<11	Pass
142	5710(Band4)	A	-0.681	6.98	0.15	9.459	<30	Pass
		B	-0.220	6.98	0.15	9.920	<30	Pass

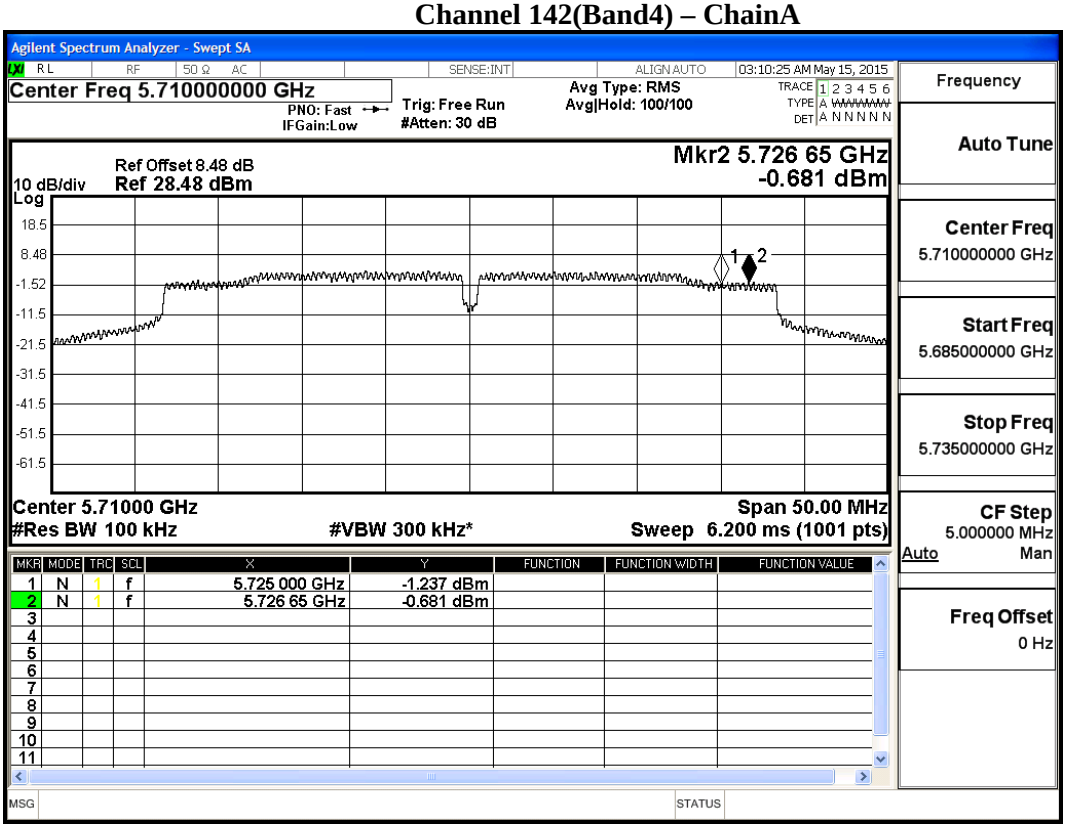
Note:

1. The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.
2. Total PPSD = PPSD value + Duty Factor + 10*log 2 + BWCF

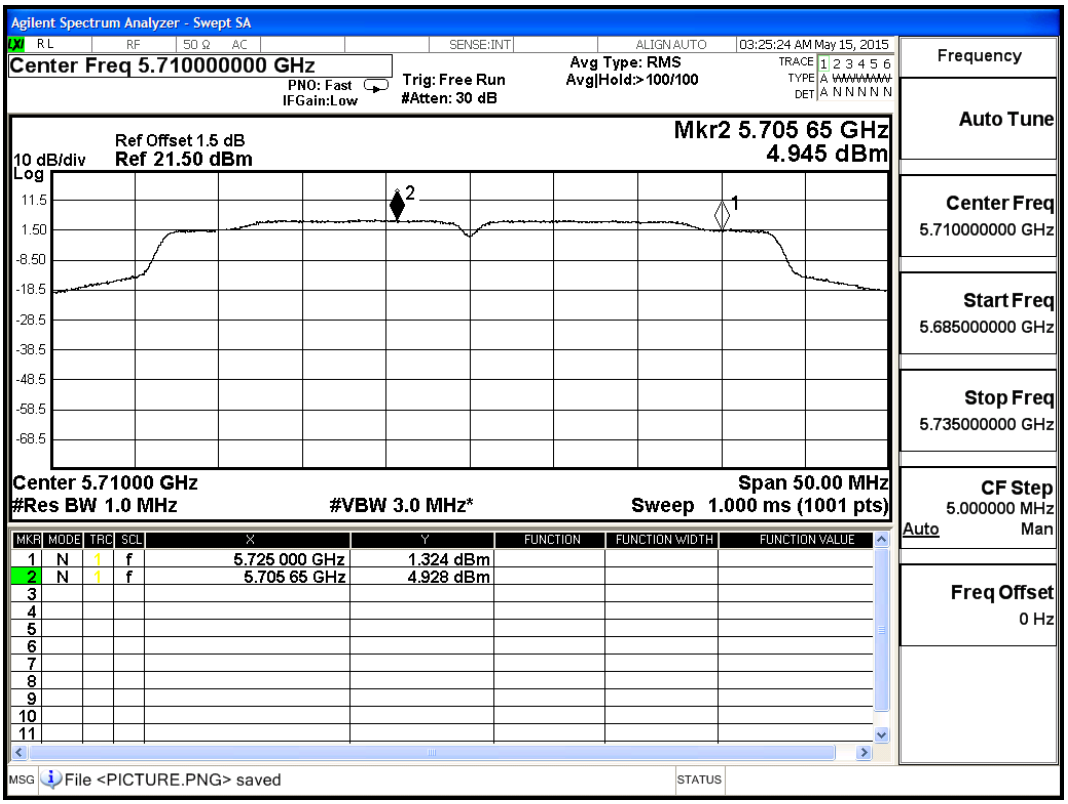
Channel 142(Band 3)– Chain A



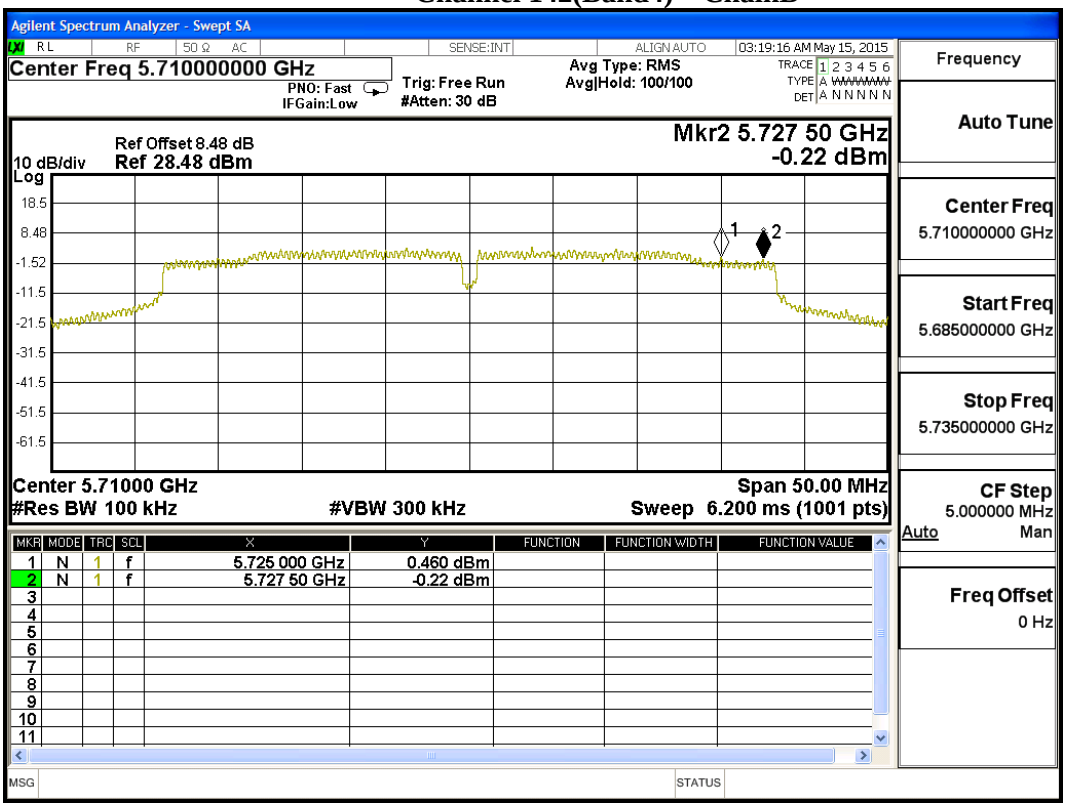
Channel 142(Band4) – ChainA



Channel 142(Band 3)– ChainB



Channel 142(Band4) – ChainB



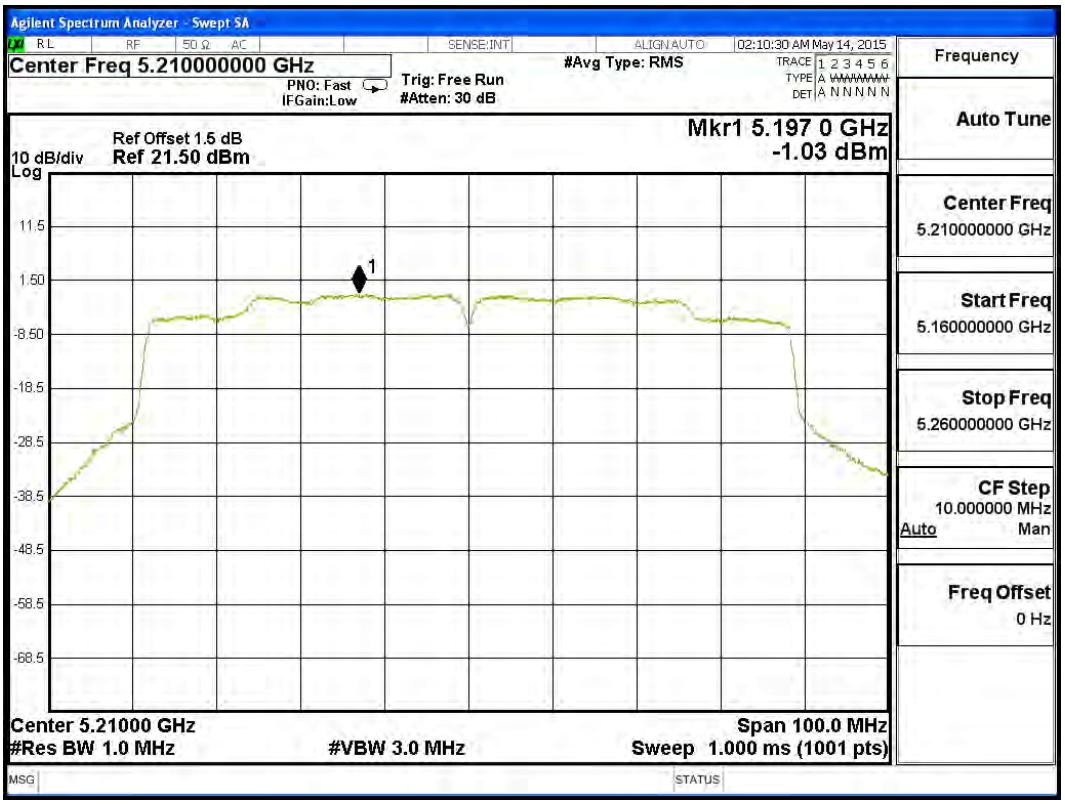
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
42	5210	A	-1.030	--	0.31	2.290	<11	Pass
		B	-0.660	--	0.31	2.660	<11	Pass
58	5290	A	-1.250	--	0.31	2.070	<11	Pass
		B	-1.200	--	0.31	2.120	<11	Pass
106	5530	A	-3.310	--	0.31	0.010	<11	Pass
		B	-3.580	--	0.31	-0.260	<11	Pass
122	5610	A	2.400	--	0.31	5.720	<11	Pass
		B	3.100	--	0.31	6.420	<11	Pass
138	5690 (Band3)	A	2.650	--	0.31	5.970	<11	Pass
		B	2.200	--	0.31	5.520	<11	Pass
138	5690 (Band4)	A	-4.250	6.98	0.31	6.050	<30	Pass
		B	-4.000	6.98	0.31	6.300	<30	Pass

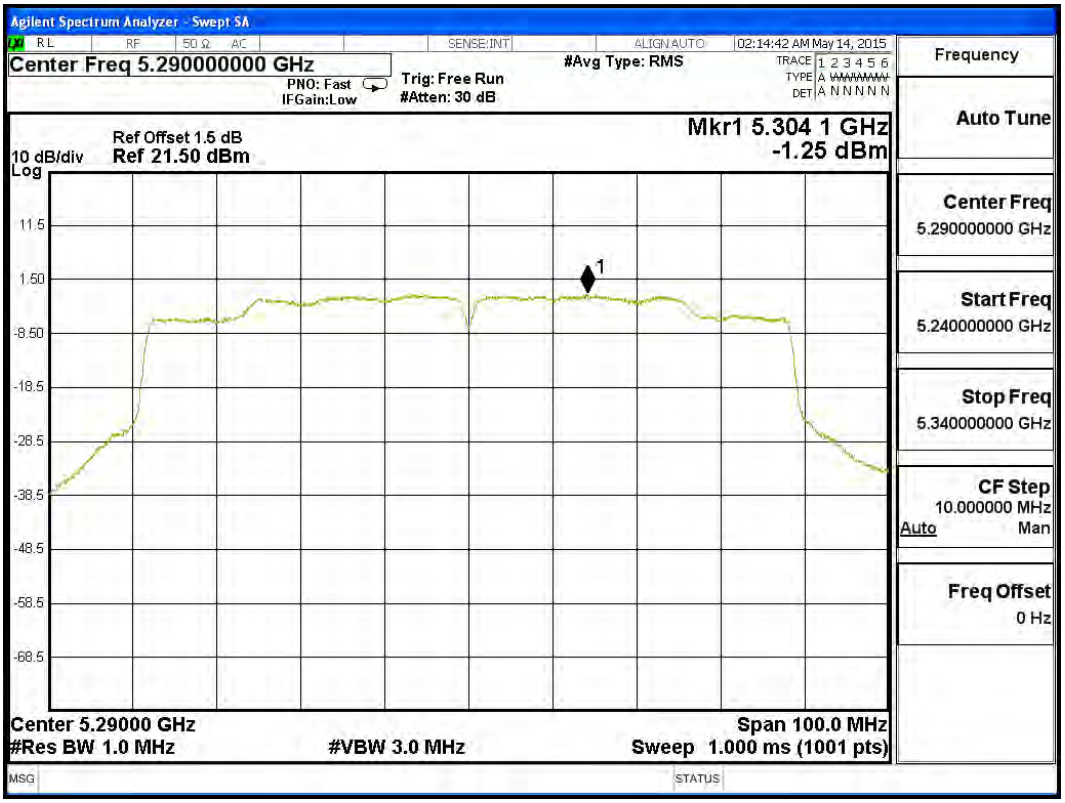
Note:

1. The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.
2. Total PPSD = PPSD value + Duty Factor + 10*log 2 + BWCF

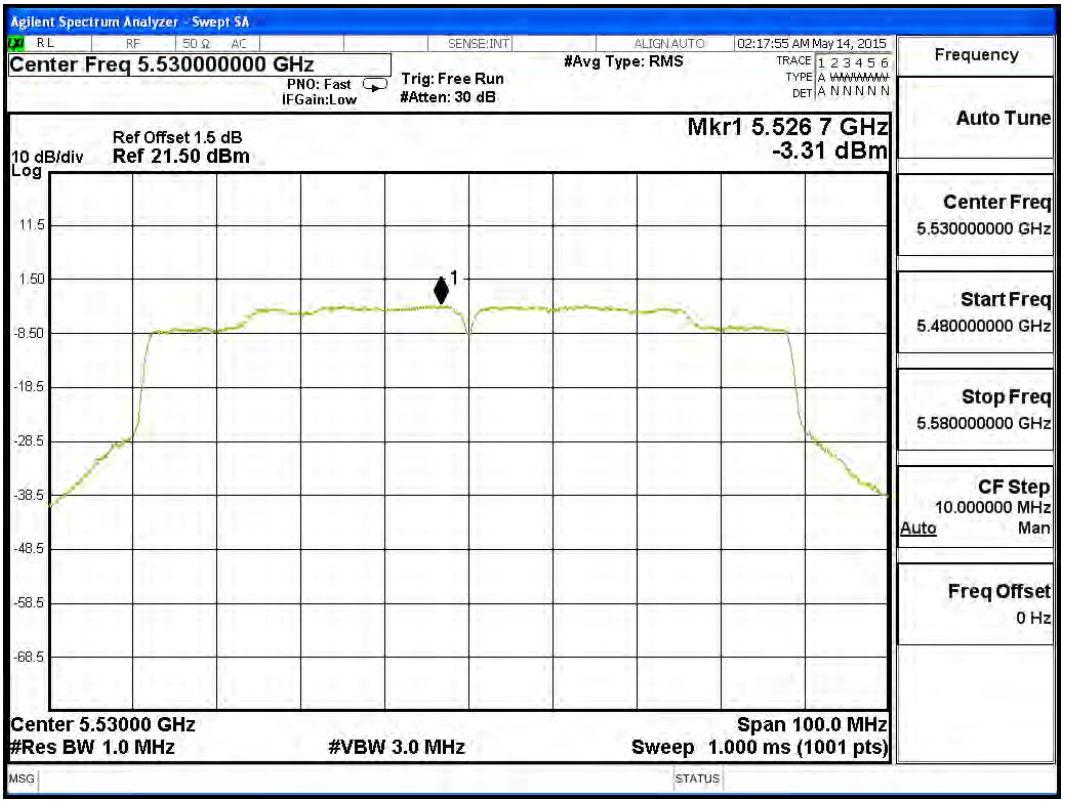
Channel 42 – Chain A



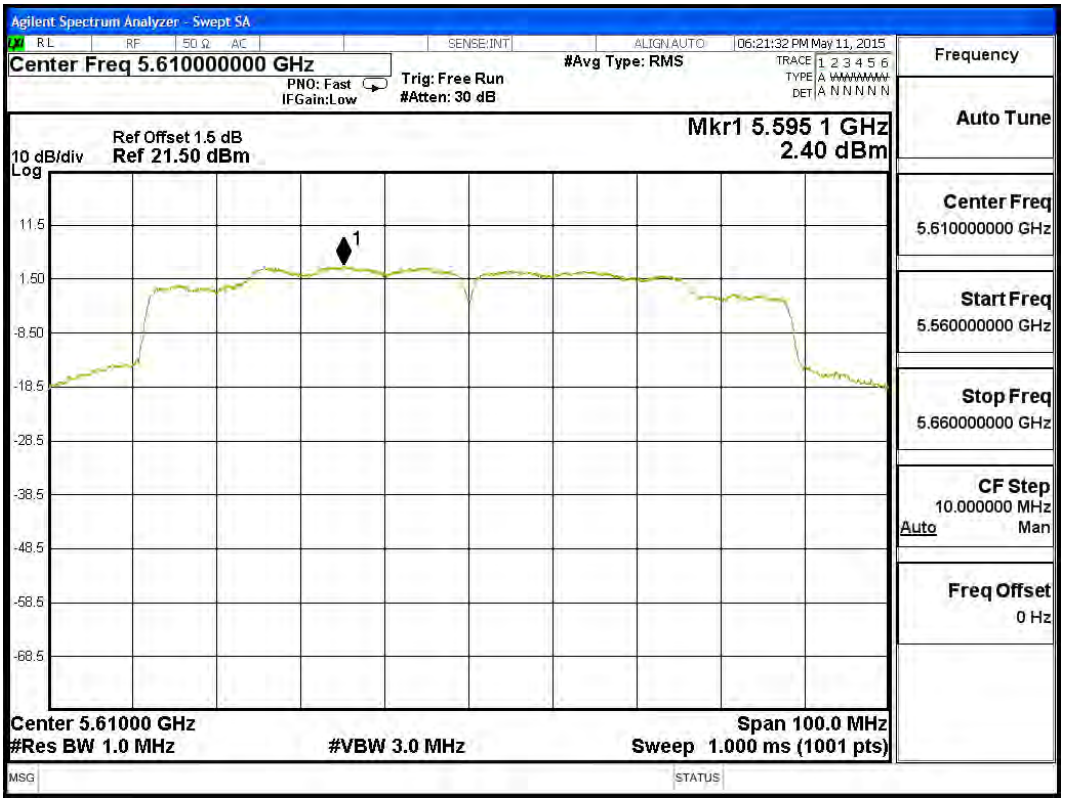
Channel 58 – Chain A



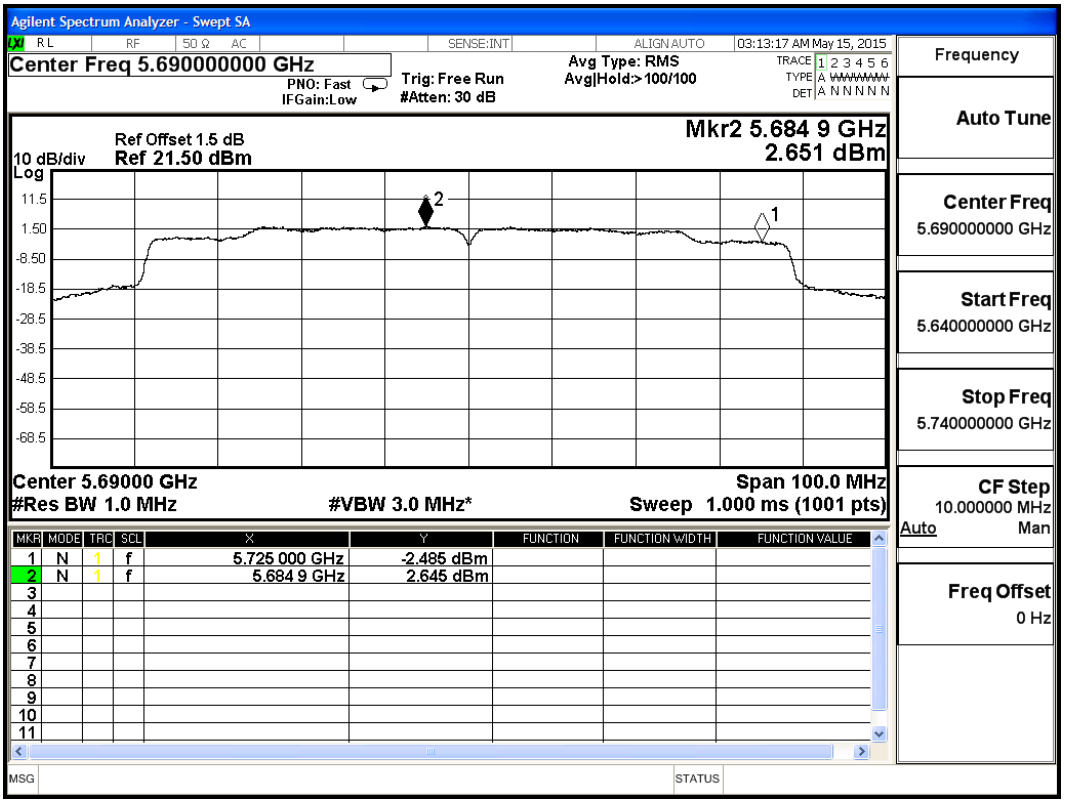
Channel 106 – Chain A



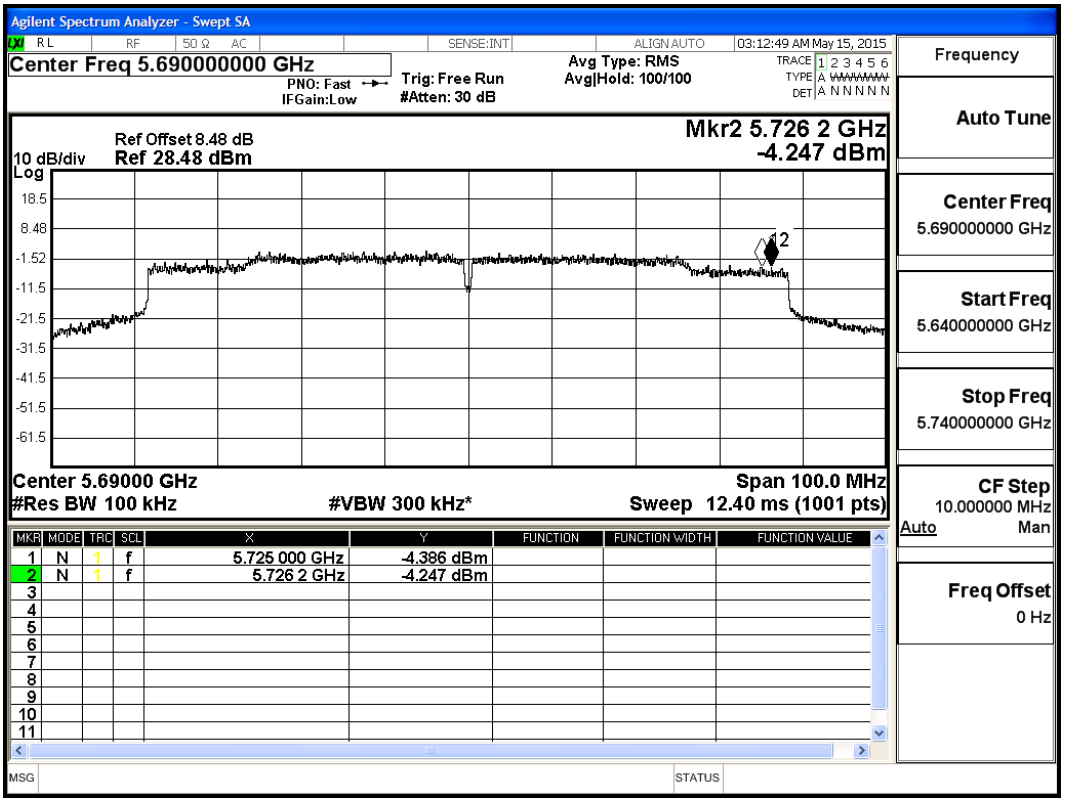
Channel 122 – Chain A



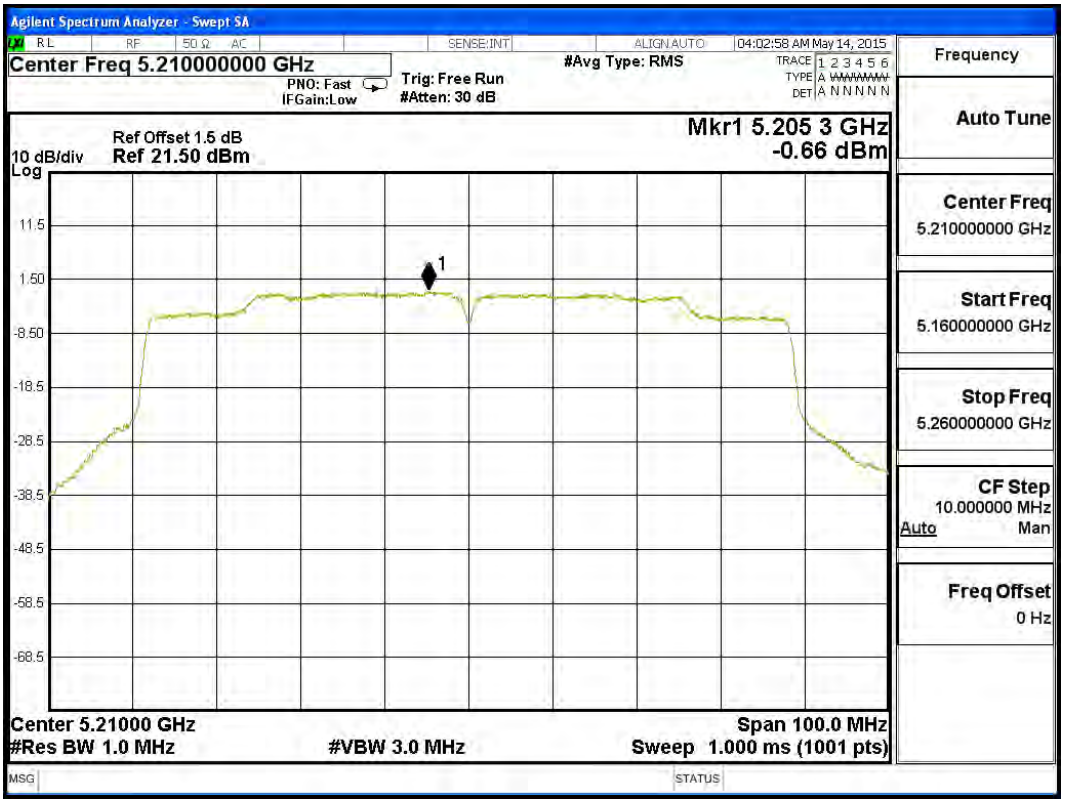
Channel 138 (Band3) – Chain A



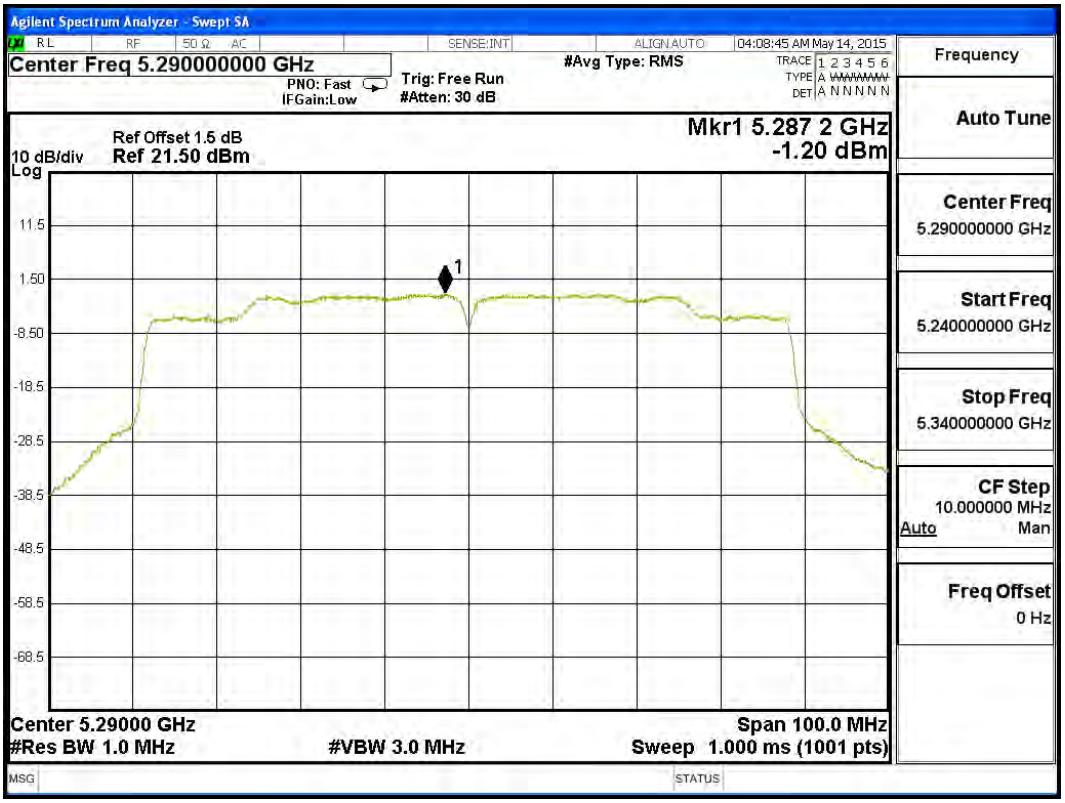
Channel 138 (Band4) – Chain A



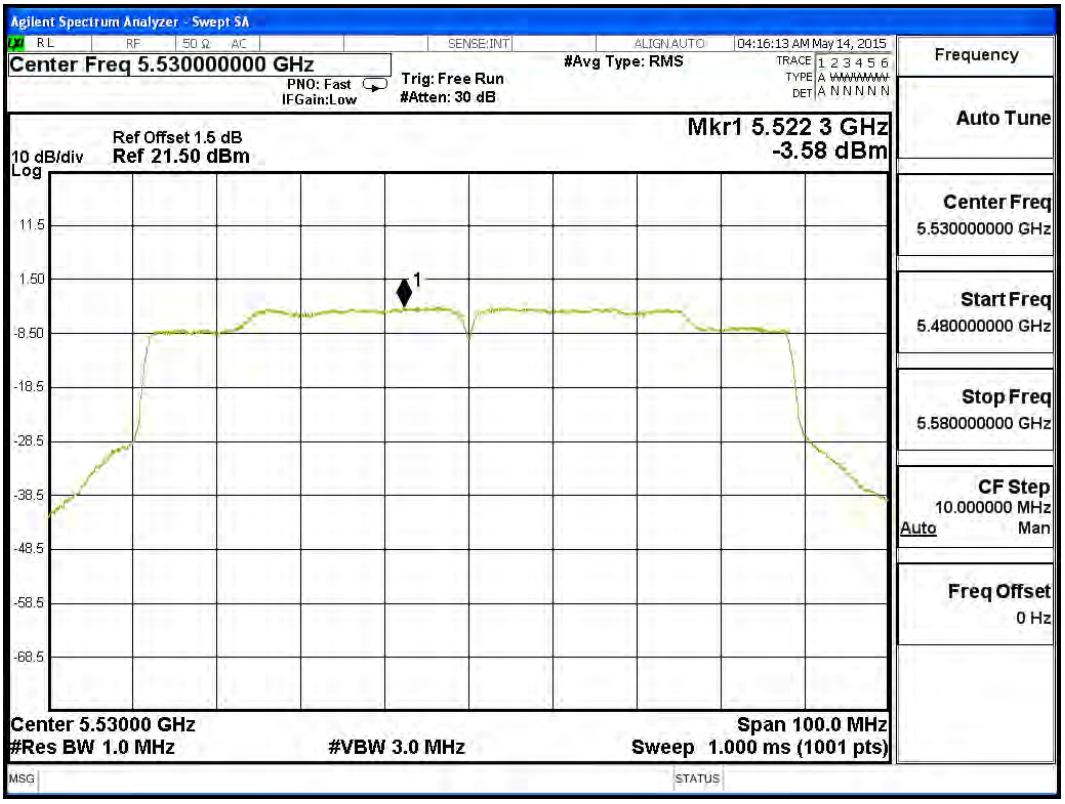
Channel 42 – Chain B



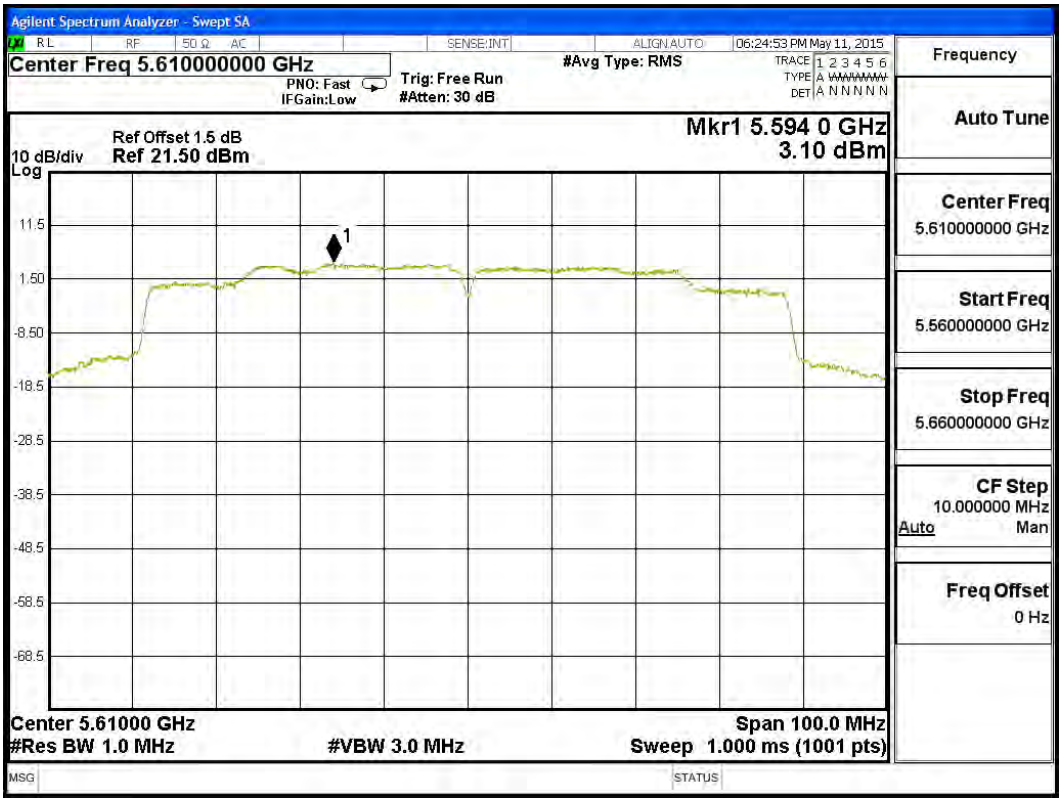
Channel 58 – Chain B



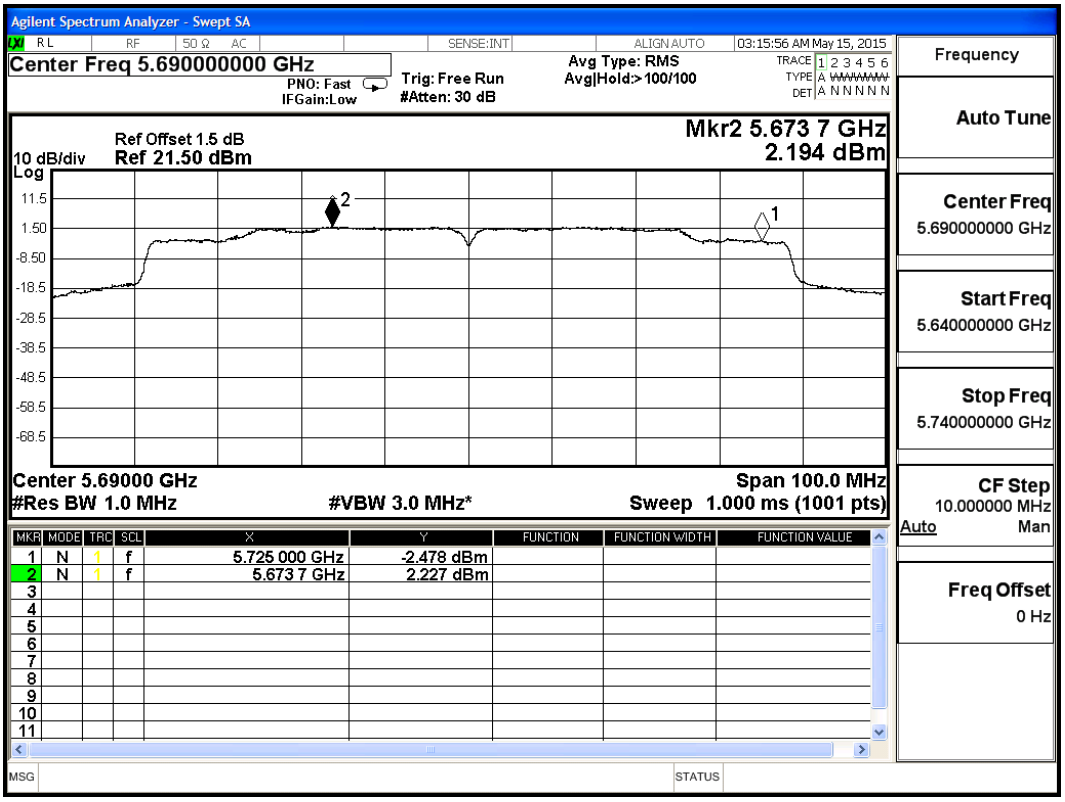
Channel 106 – Chain B



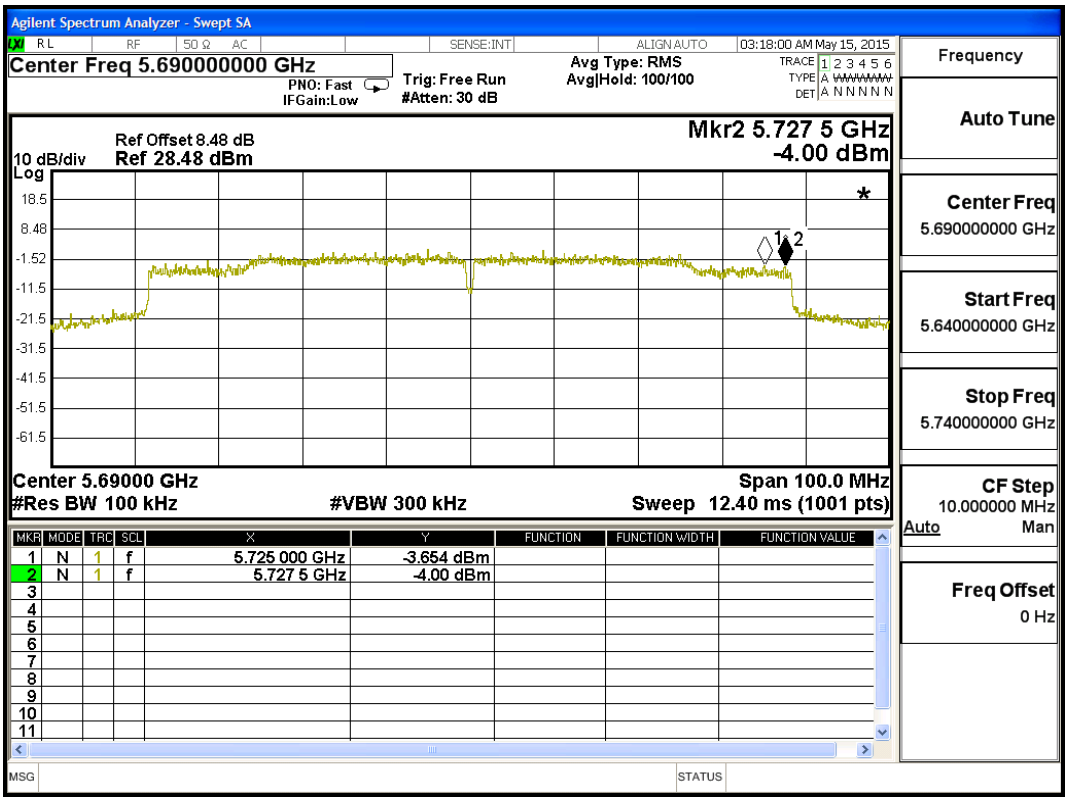
Channel 122 – Chain B



Channel 138 (Band3) – Chain B



Channel 138 (Band4) – Chain B



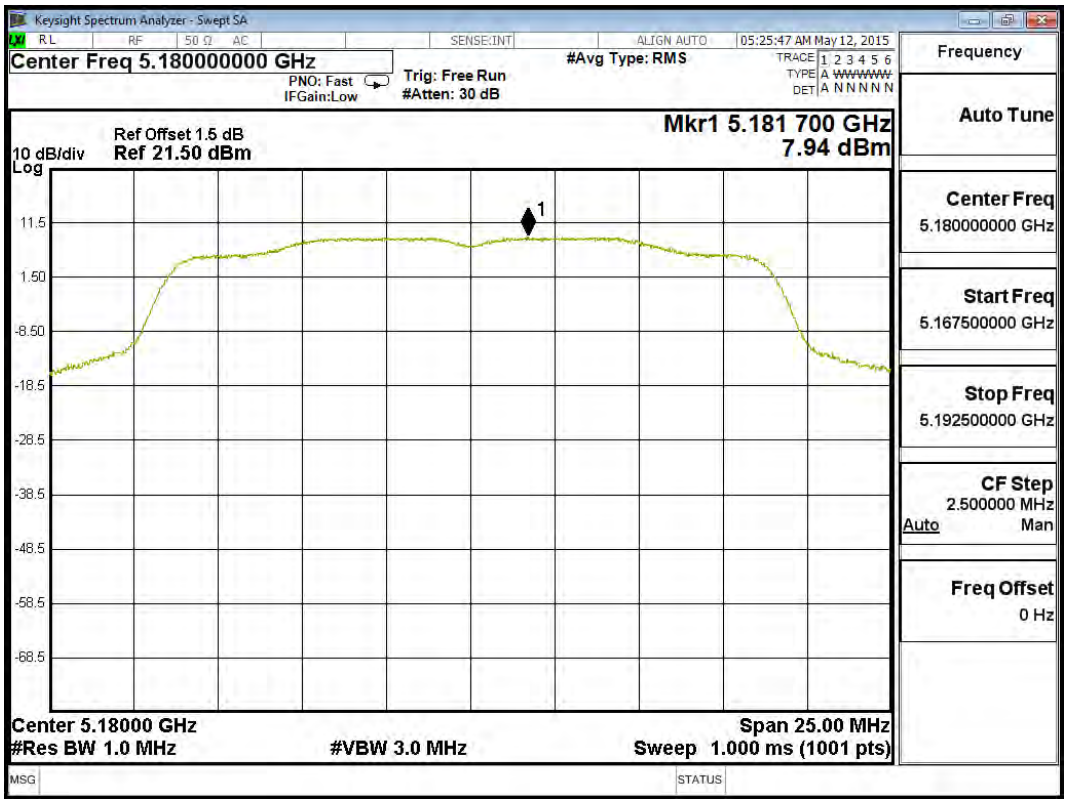
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	A	7.940	0.09	11.040	17	Pass
		B	7.260	0.09	10.360	17	Pass
44	5220	A	7.630	0.09	10.730	17	Pass
		B	6.730	0.09	9.830	17	Pass
48	5240	A	7.530	0.09	10.630	17	Pass
		B	6.890	0.09	9.990	17	Pass
52	5260	A	7.560	0.09	10.660	11	Pass
		B	7.120	0.09	10.220	11	Pass
60	5300	A	7.080	0.09	10.180	11	Pass
		B	6.630	0.09	9.730	11	Pass
64	5320	A	7.290	0.09	10.390	11	Pass
		B	5.680	0.09	8.780	11	Pass
100	5500	A	6.490	0.09	9.590	11	Pass
		B	6.510	0.09	9.610	11	Pass
116	5580	A	7.190	0.09	10.290	11	Pass
		B	7.360	0.09	10.460	11	Pass
140	5700	A	7.770	0.09	10.870	11	Pass
		B	7.190	0.09	10.290	11	Pass

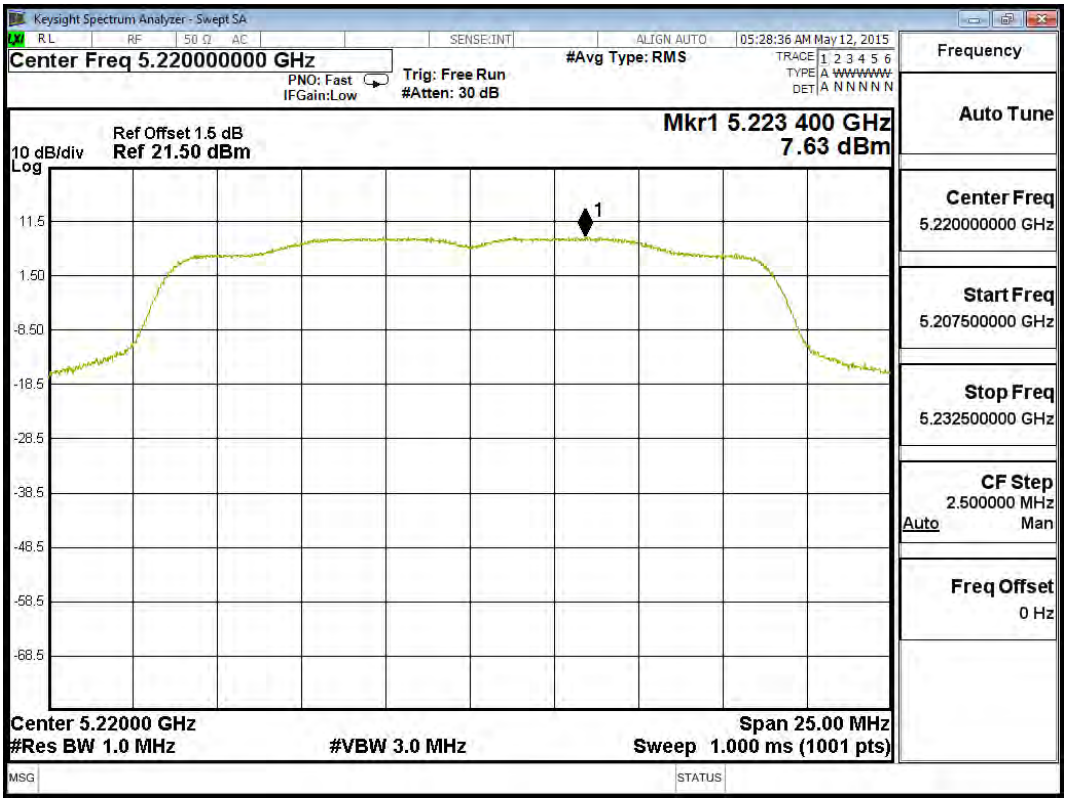
Note:

1. The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.
2. Total PPSD = PPSD value + Duty Factor + 10*log 2

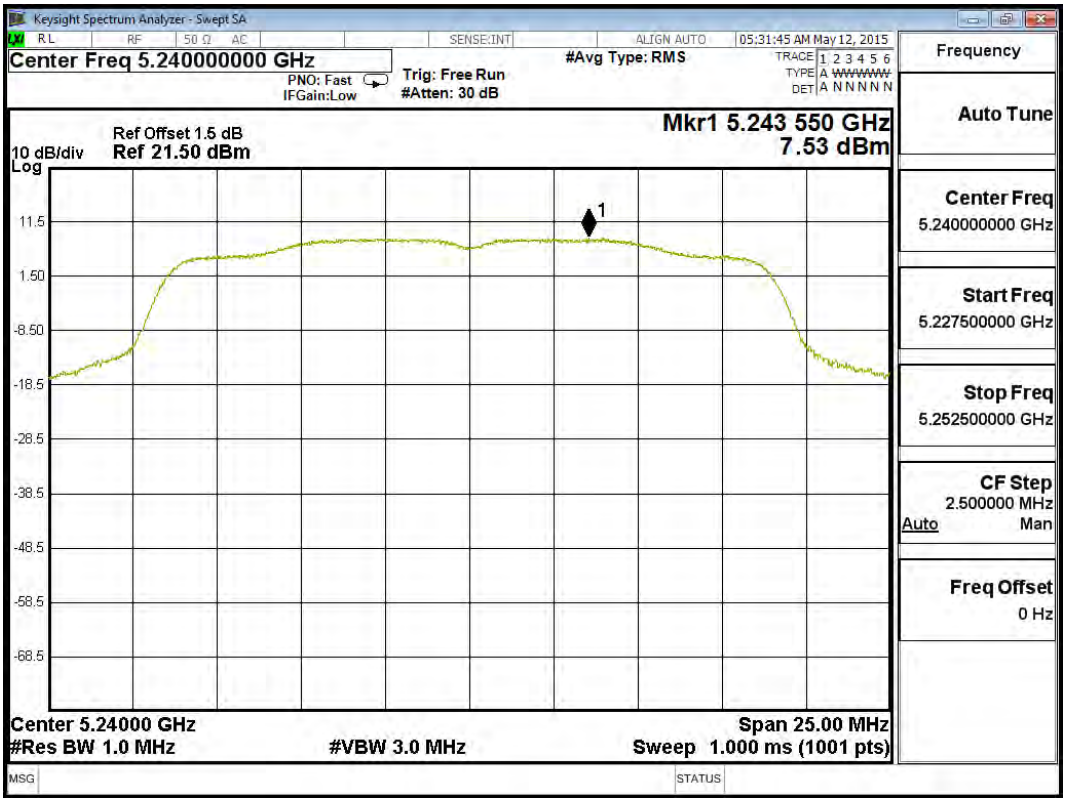
Channel 36 – Chain A



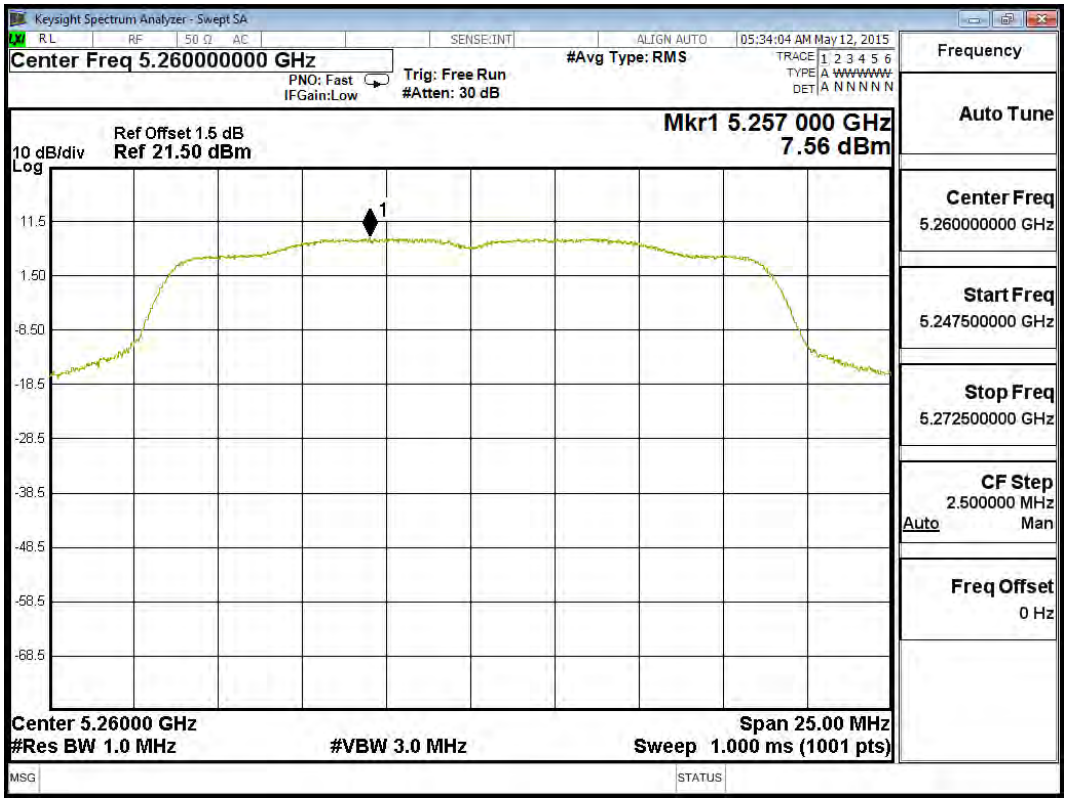
Channel 44 – Chain A



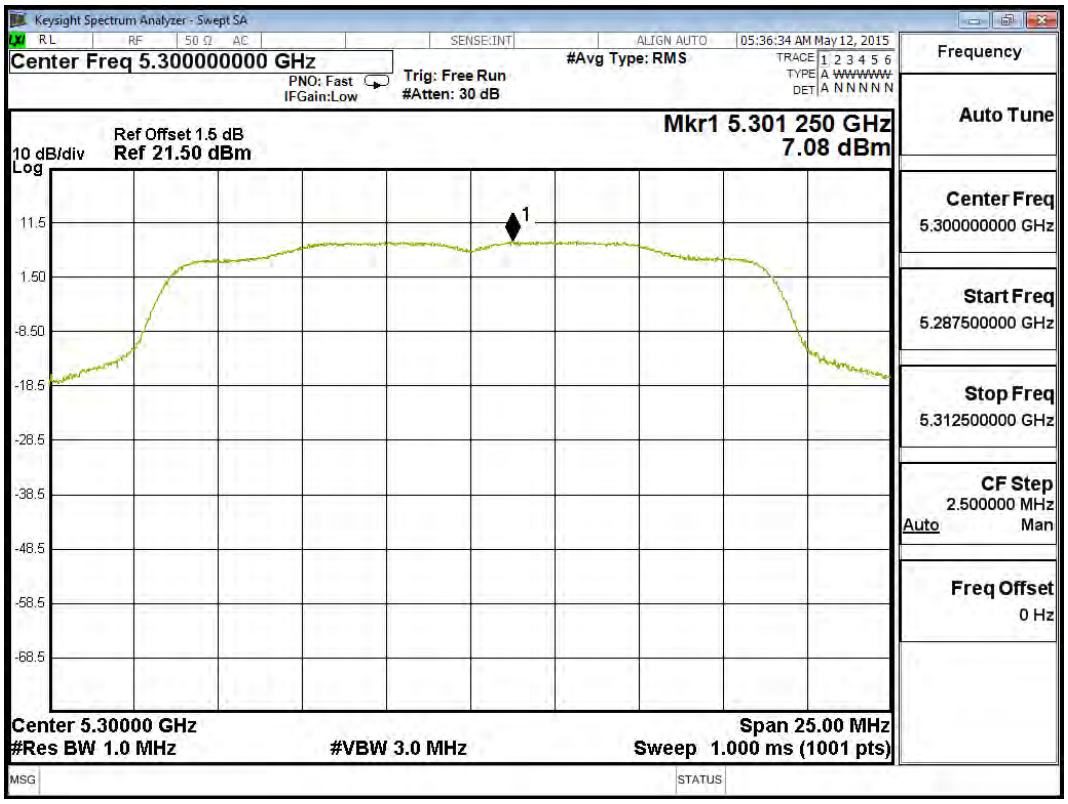
Channel 48 – Chain A



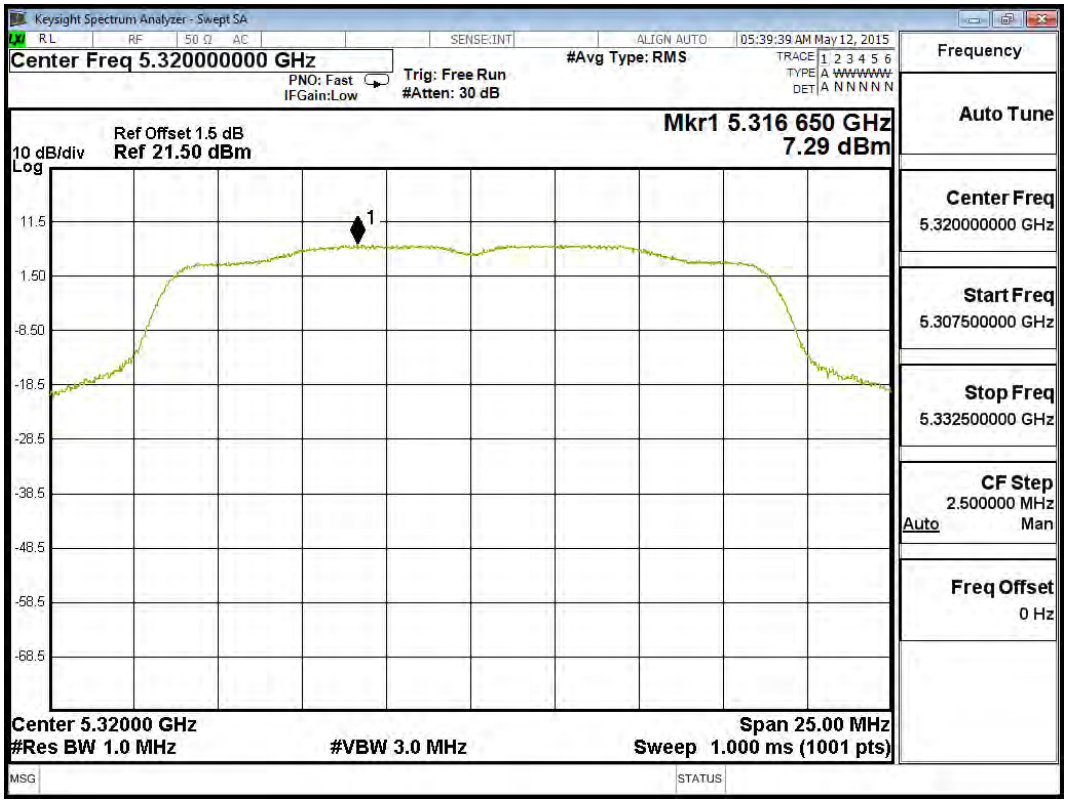
Channel 52 – Chain A



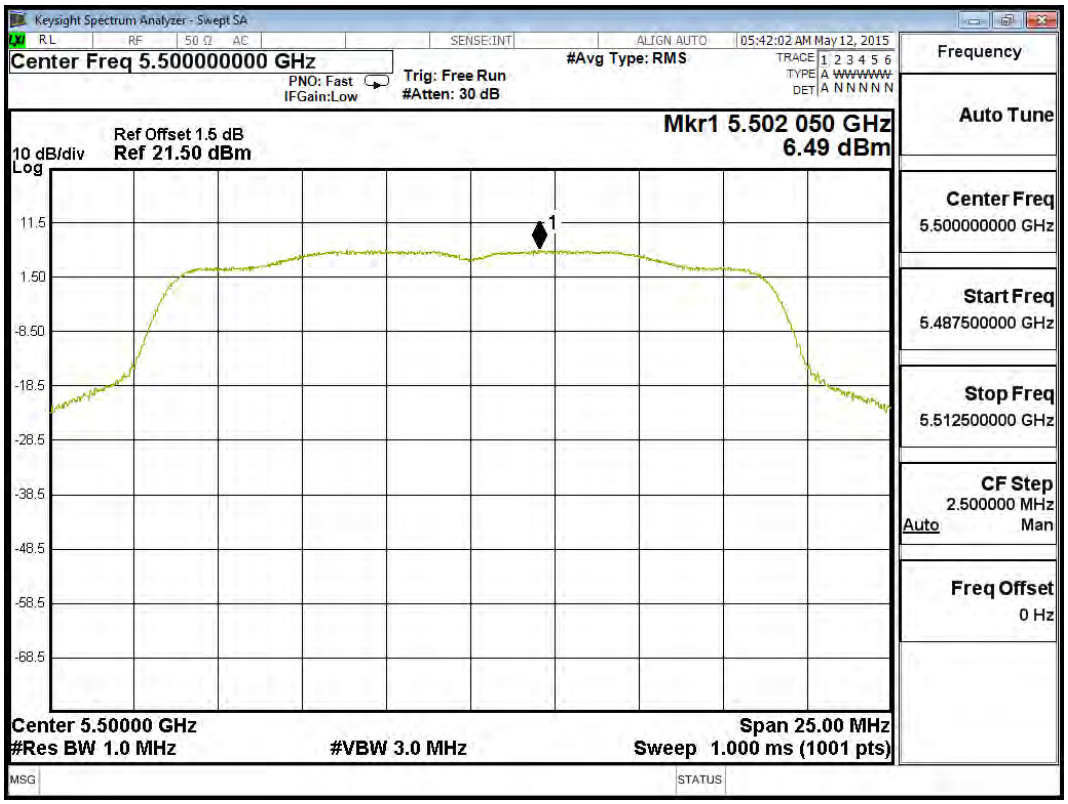
Channel 60 – Chain A



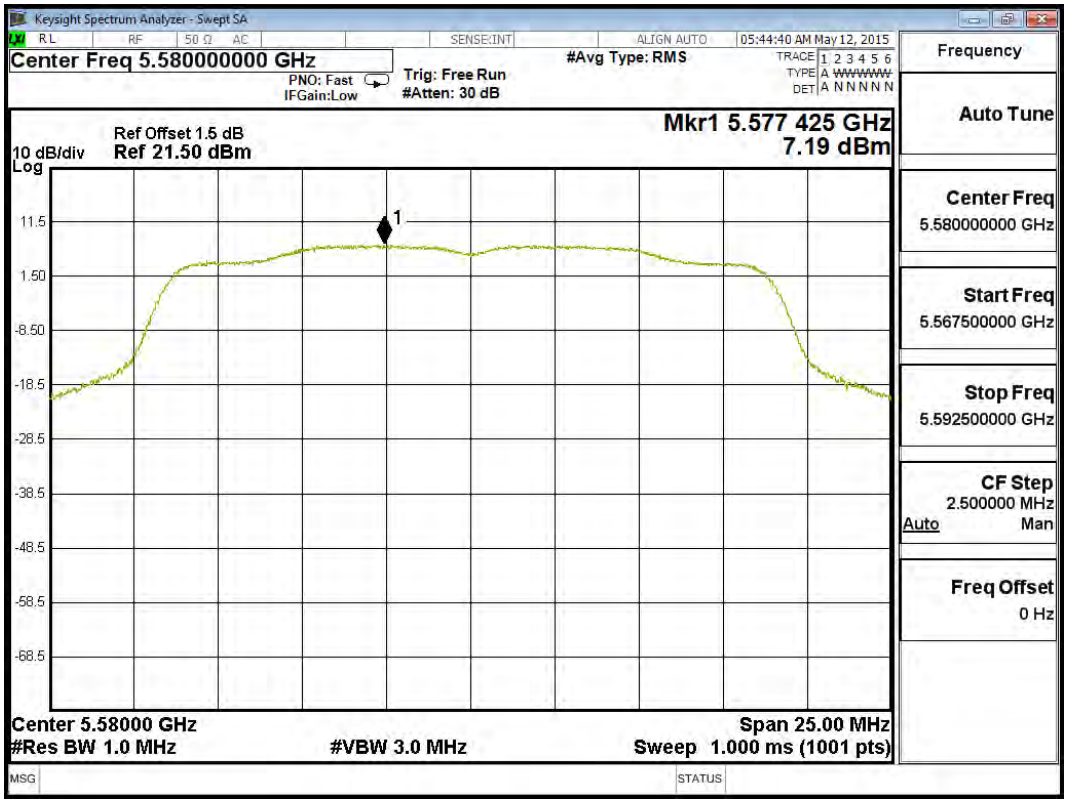
Channel 64 – Chain A



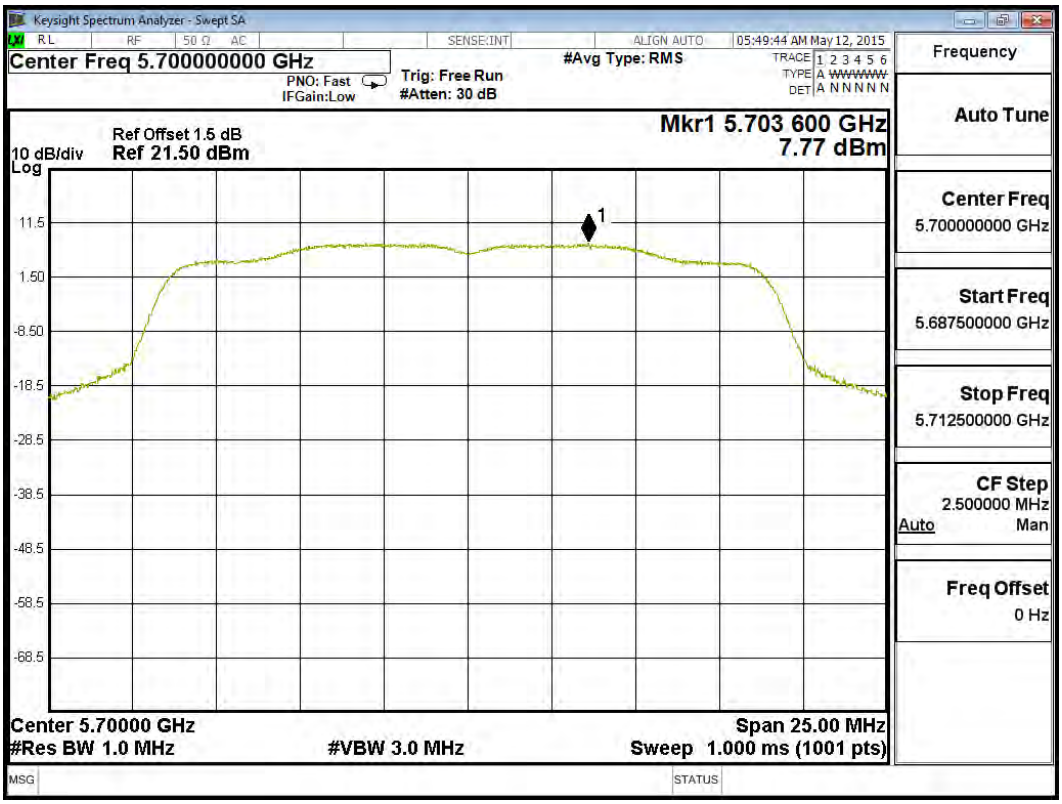
Channel 100 – Chain A



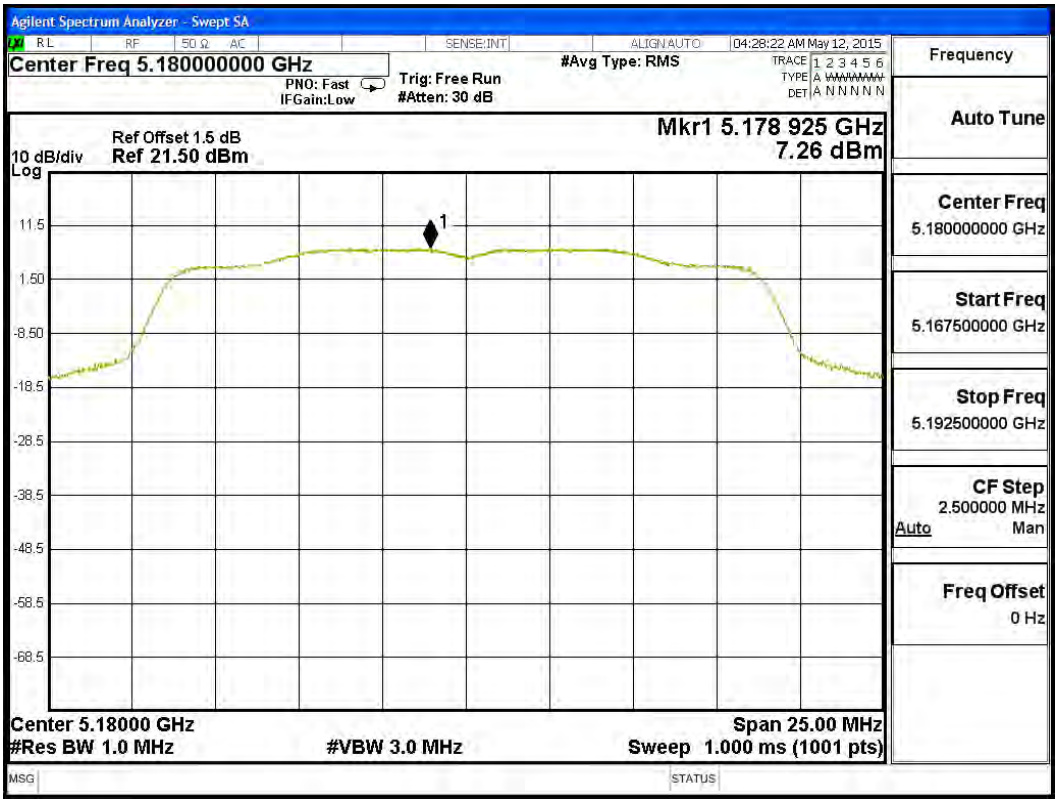
Channel 116 – Chain A



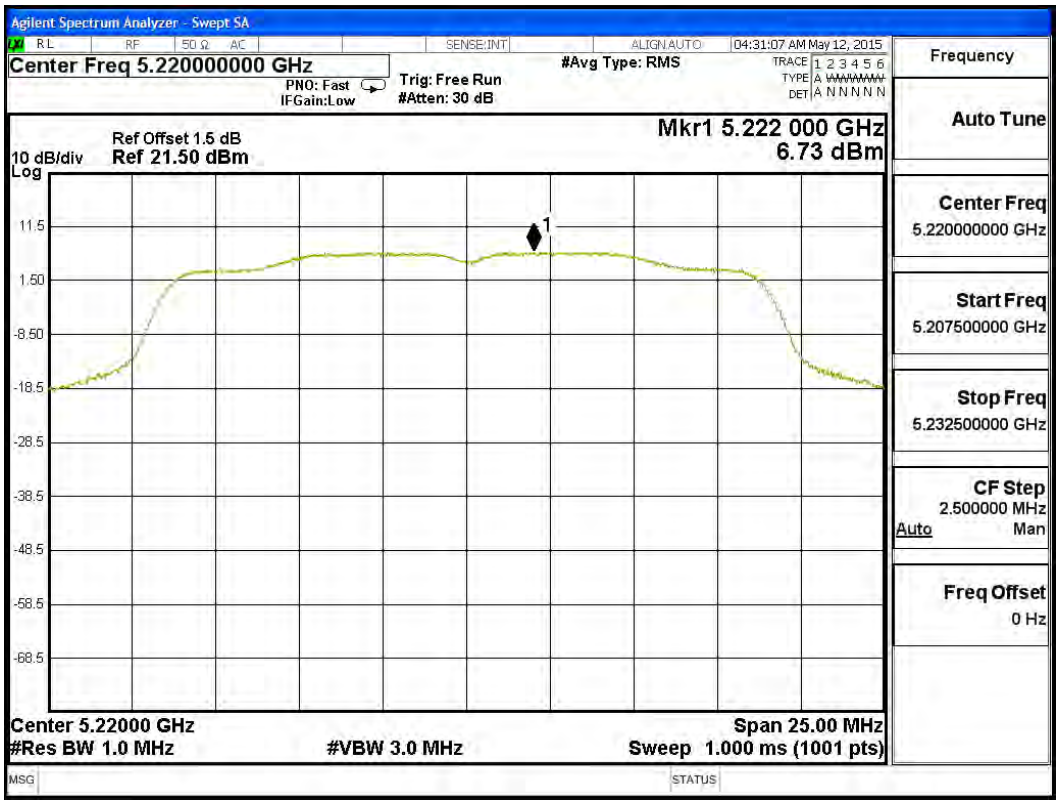
Channel 140 – Chain A



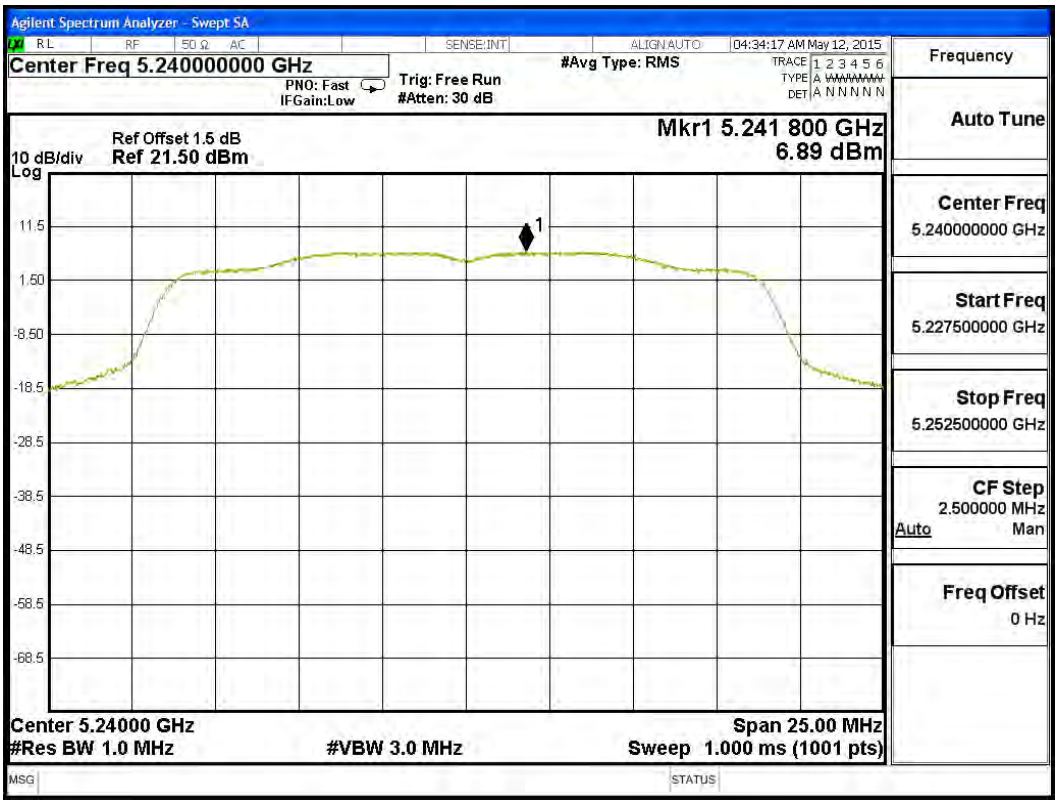
Channel 36 – Chain B



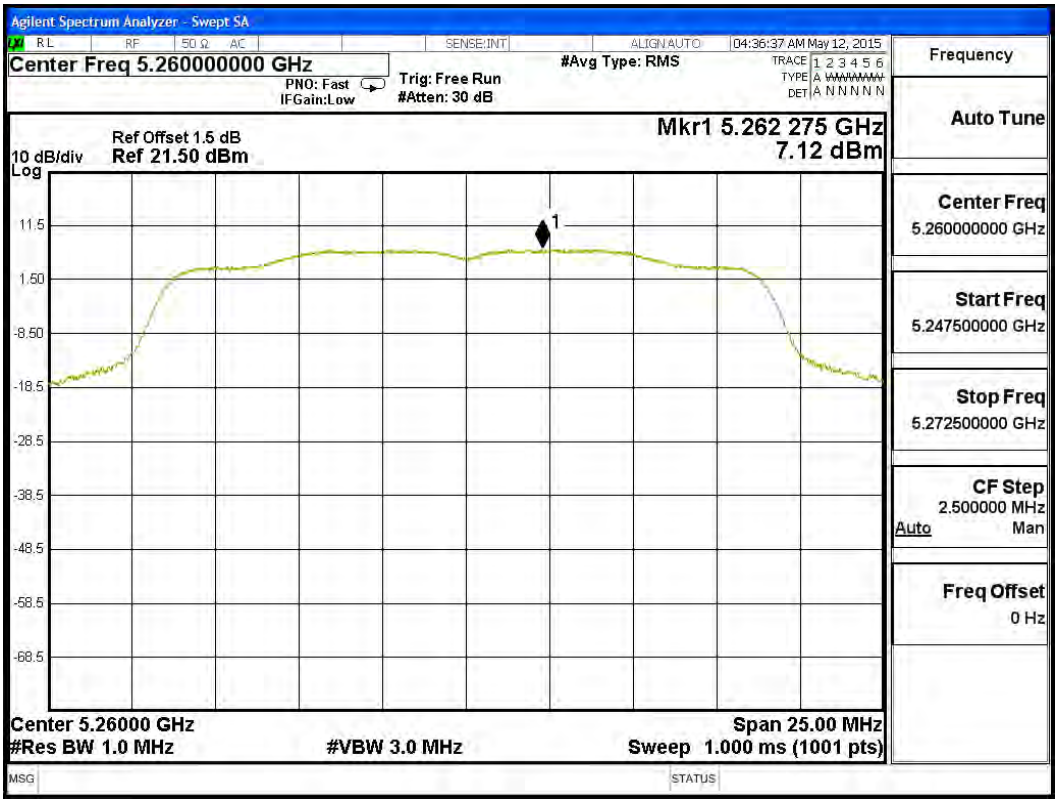
Channel 44 – Chain B



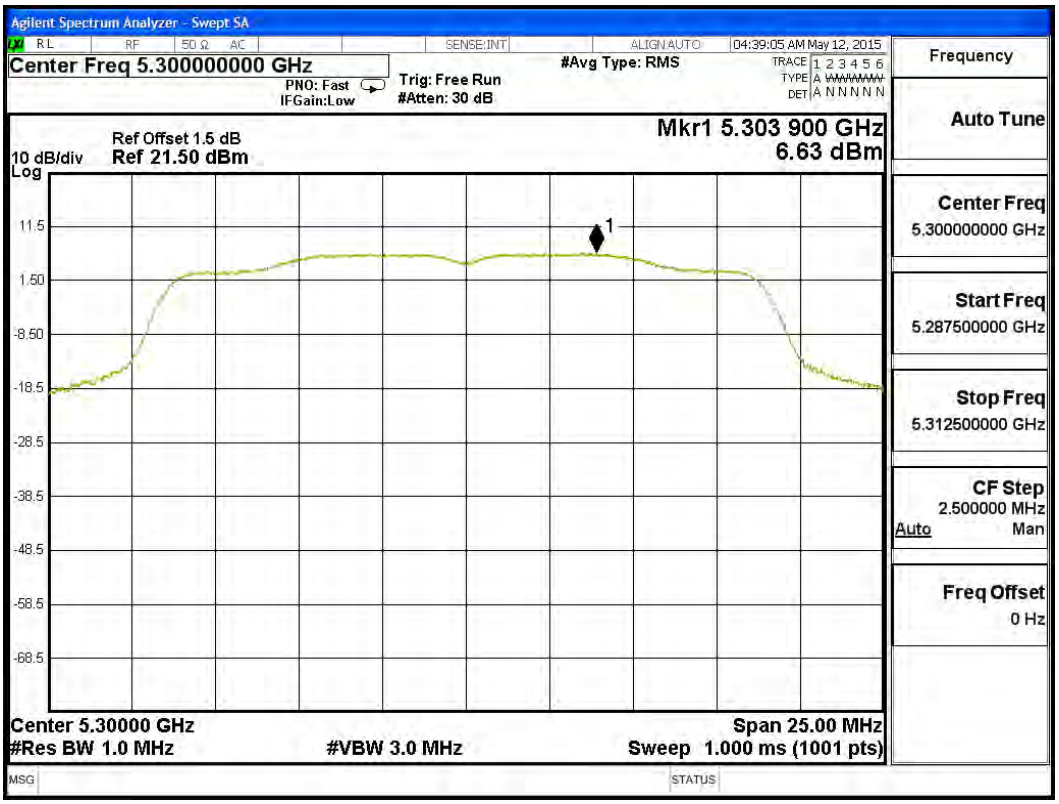
Channel 48 – Chain B



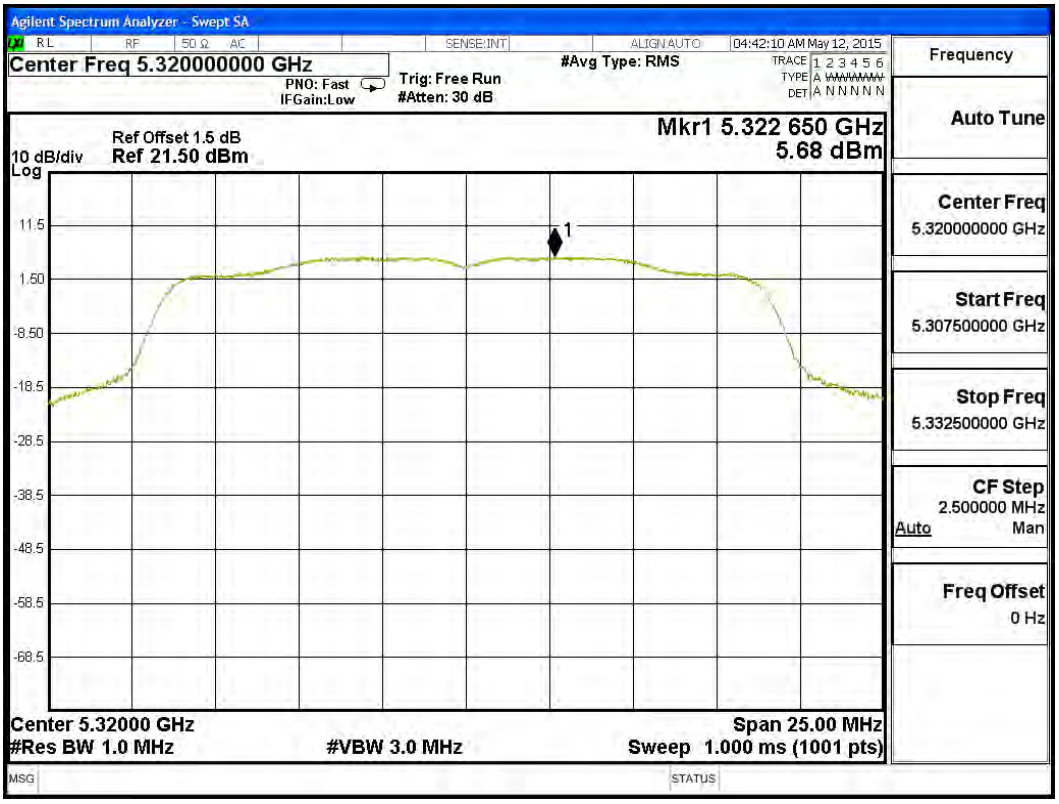
Channel 52 – Chain B



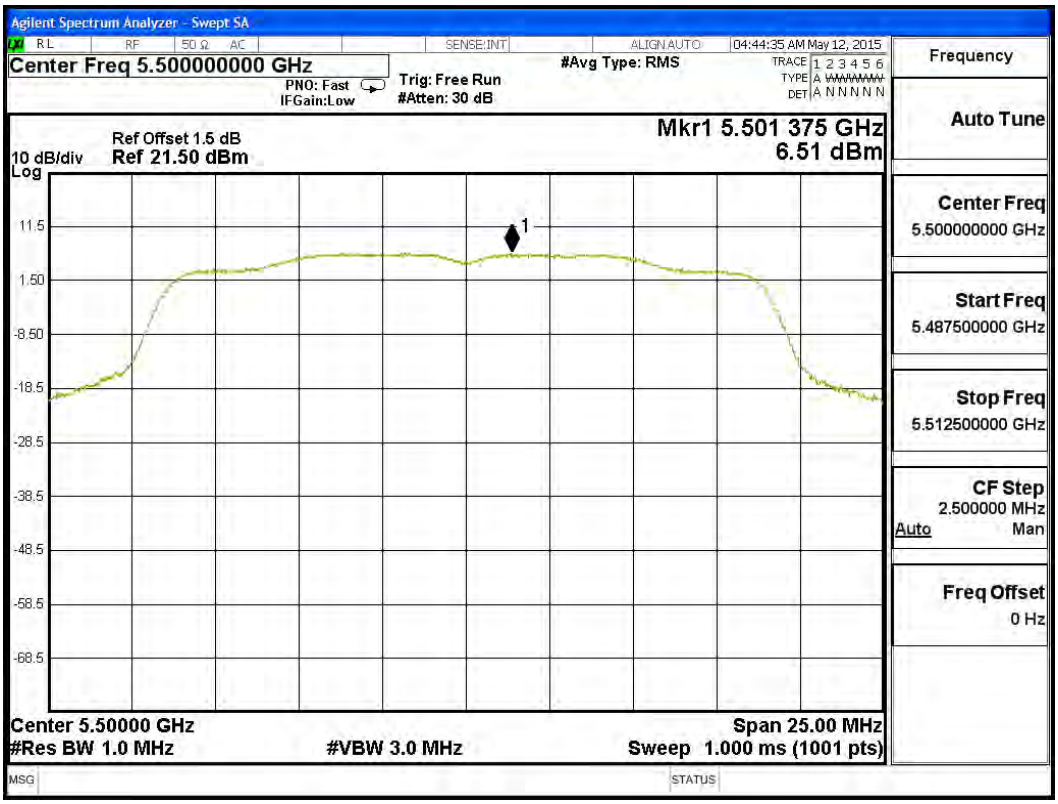
Channel 60 – Chain B



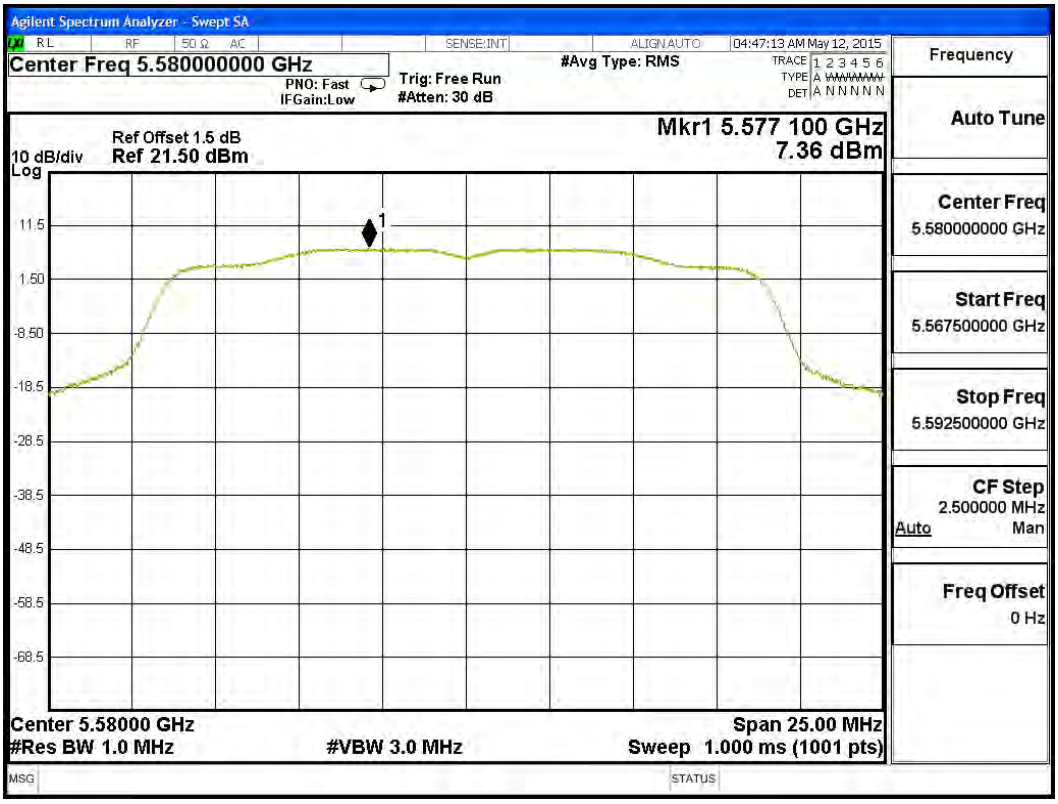
Channel 64 – Chain B



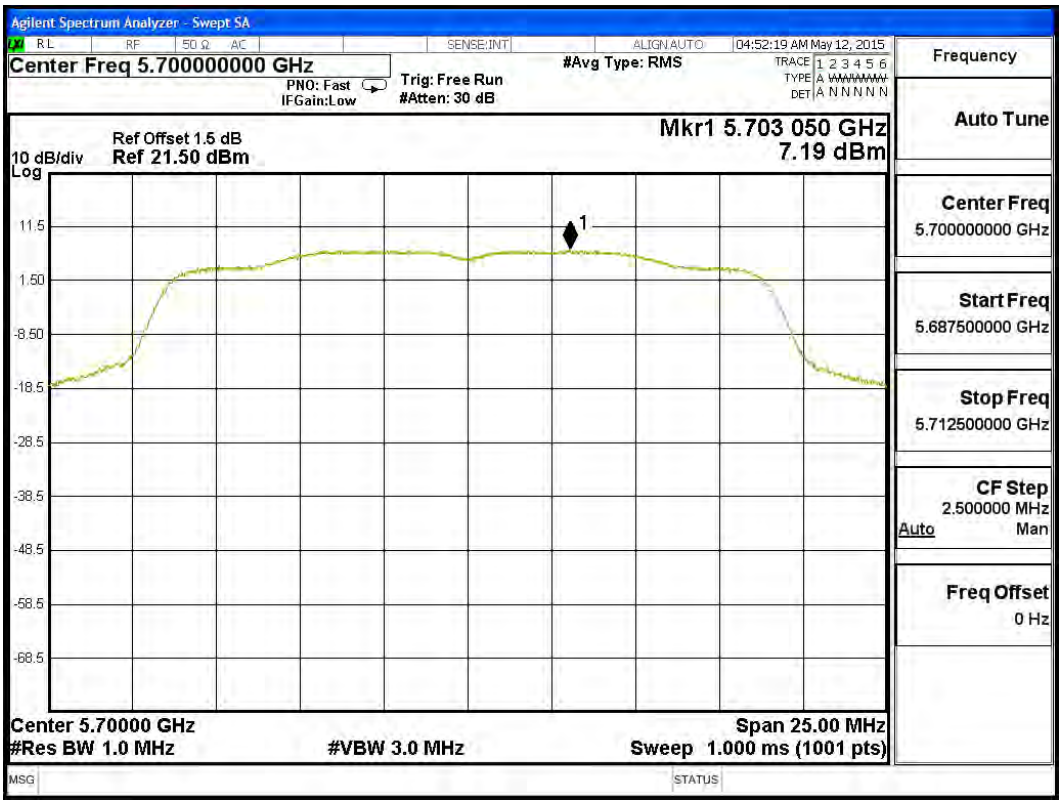
Channel 100 – Chain B



Channel 116 – Chain B



Channel 140 – Chain B



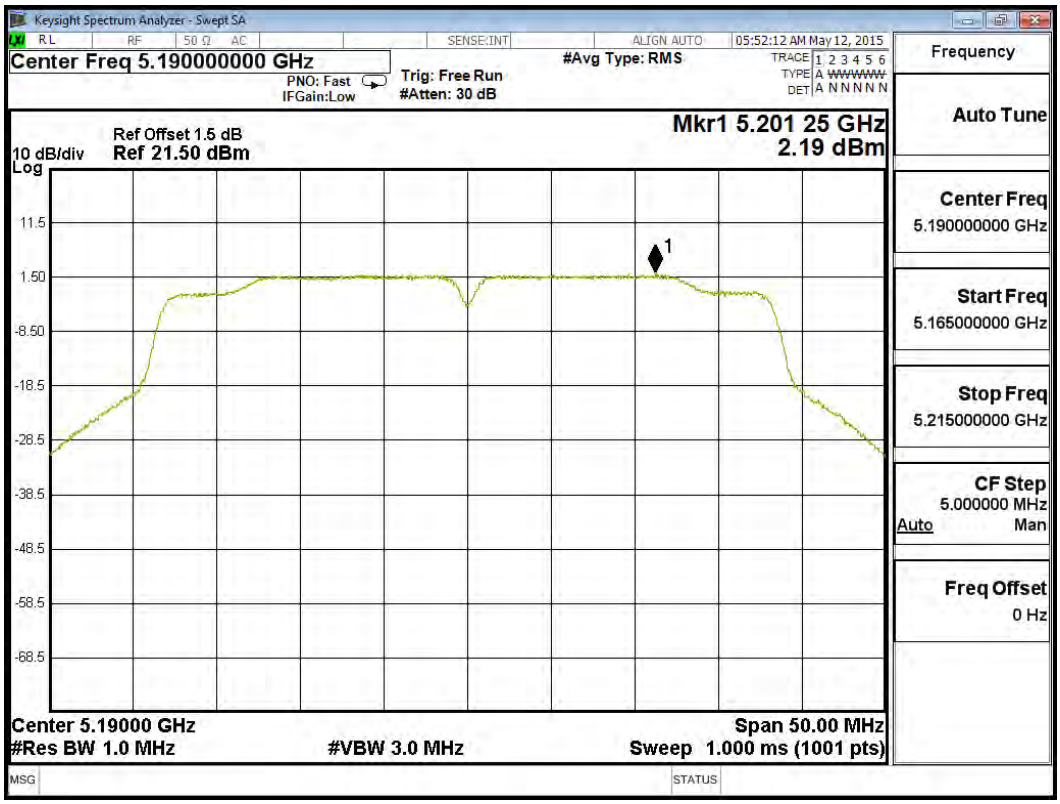
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
38	5190	A	2.190	0.15	5.350	17	Pass
		B	0.310	0.15	3.470	17	Pass
46	5230	A	5.090	0.15	8.250	17	Pass
		B	3.380	0.15	6.540	17	Pass
54	5270	A	4.958	0.15	8.118	11	Pass
		B	5.390	0.15	8.550	11	Pass
62	5310	A	-1.356	0.15	1.804	11	Pass
		B	-2.054	0.15	1.106	11	Pass
102	5510	A	2.430	0.15	5.590	11	Pass
		B	3.242	0.15	6.402	11	Pass
110	5550	A	4.670	0.15	7.830	11	Pass
		B	5.034	0.15	8.194	11	Pass
134	5670	A	4.210	0.15	7.370	11	Pass
		B	4.605	0.15	7.765	11	Pass

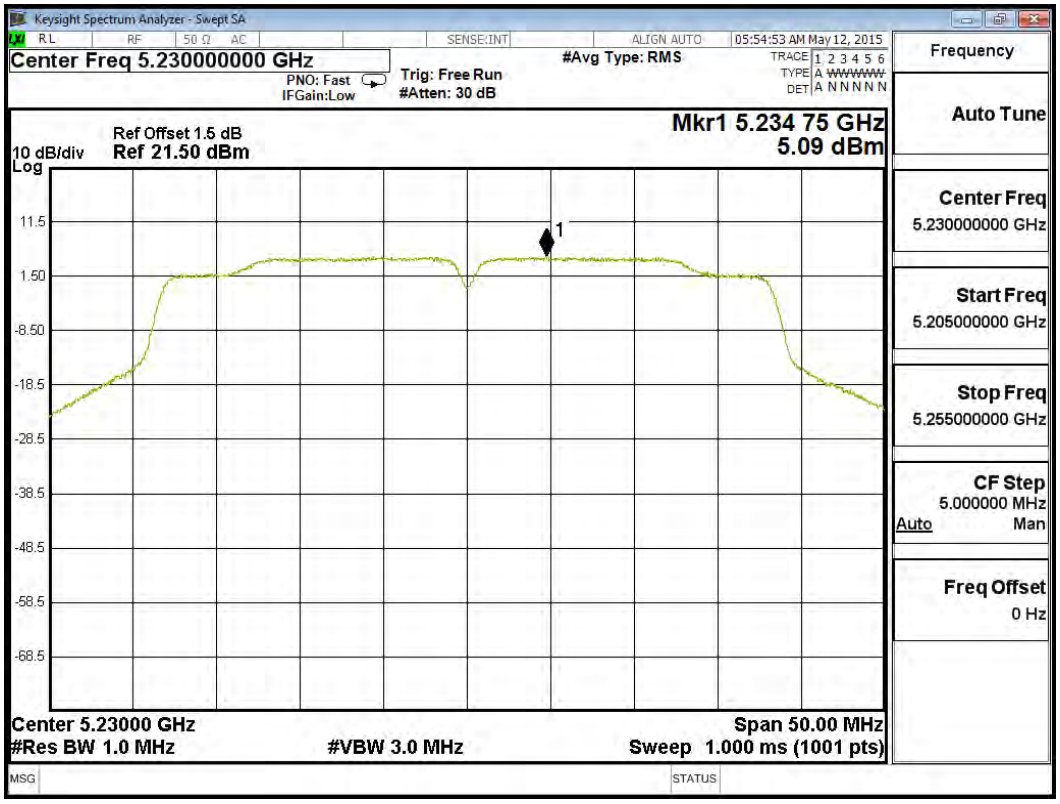
Note:

1. The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.
2. Total PPSD = PPSD value + Duty Factor + 10*log 2

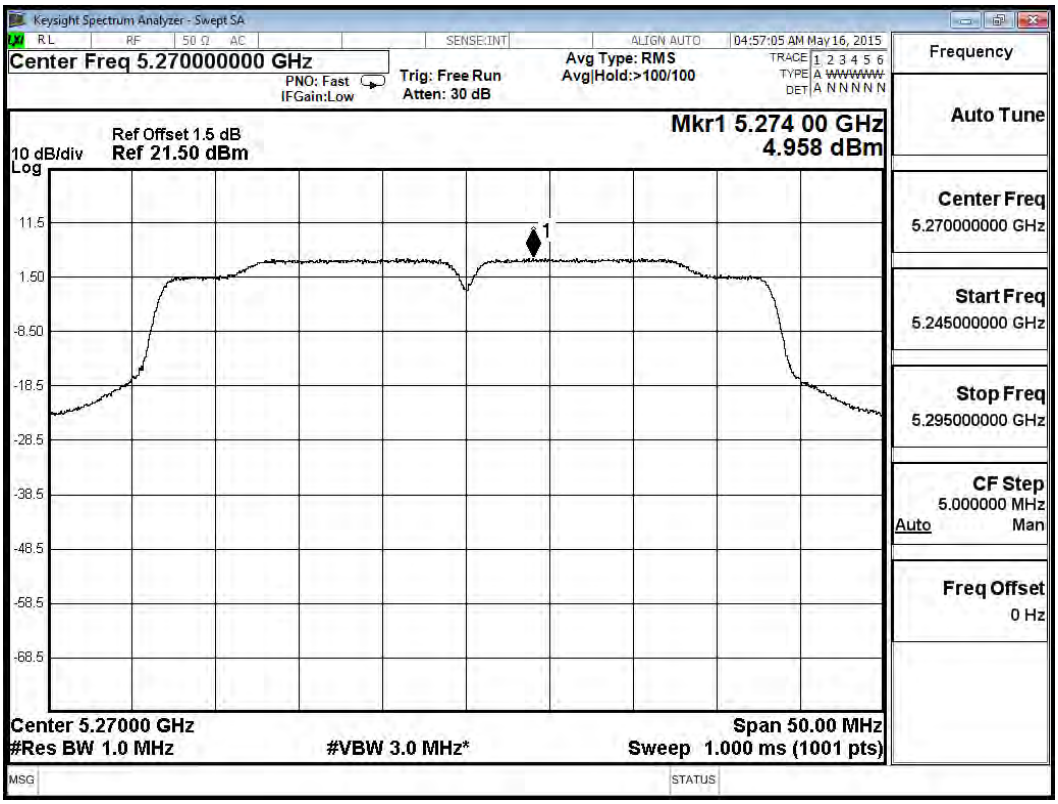
Channel 38 – Chain A



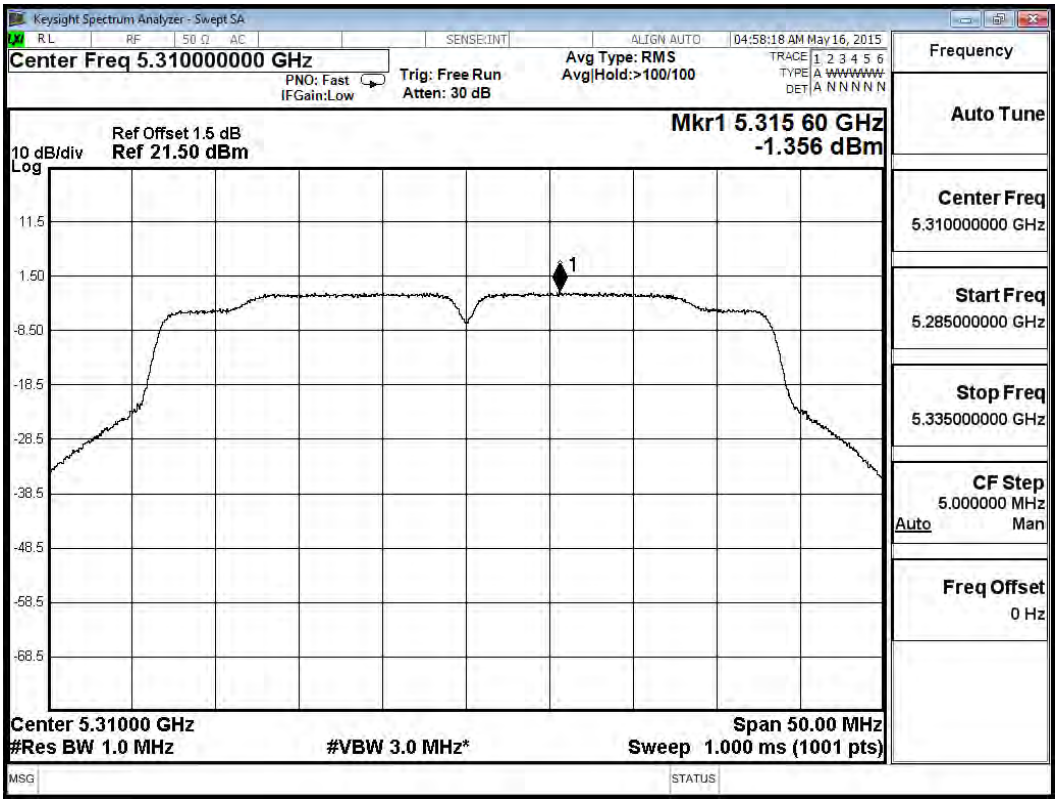
Channel 46 – Chain A



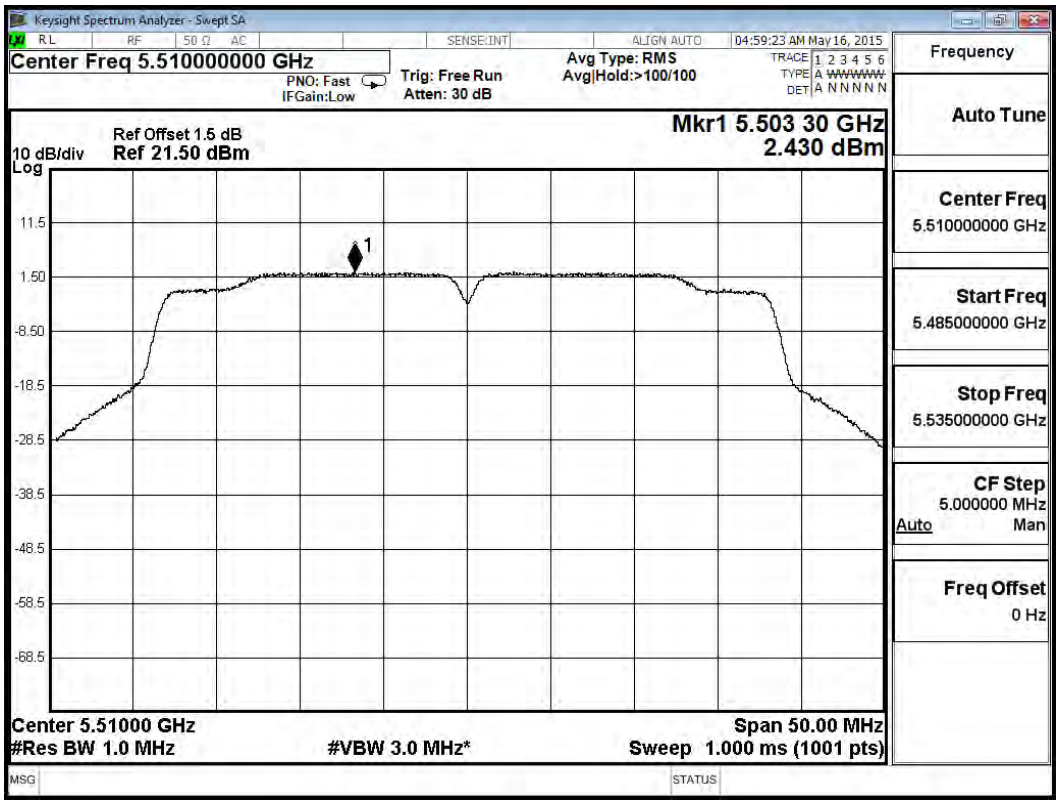
Channel 54 – Chain A



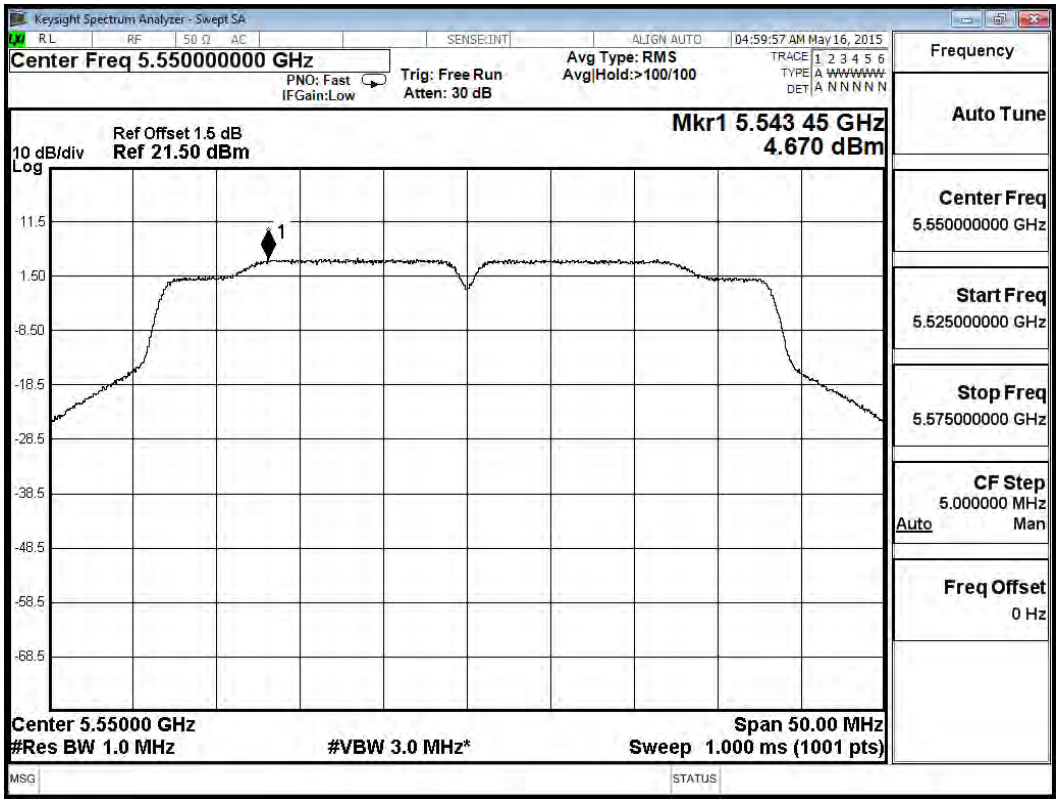
Channel 62 – Chain A



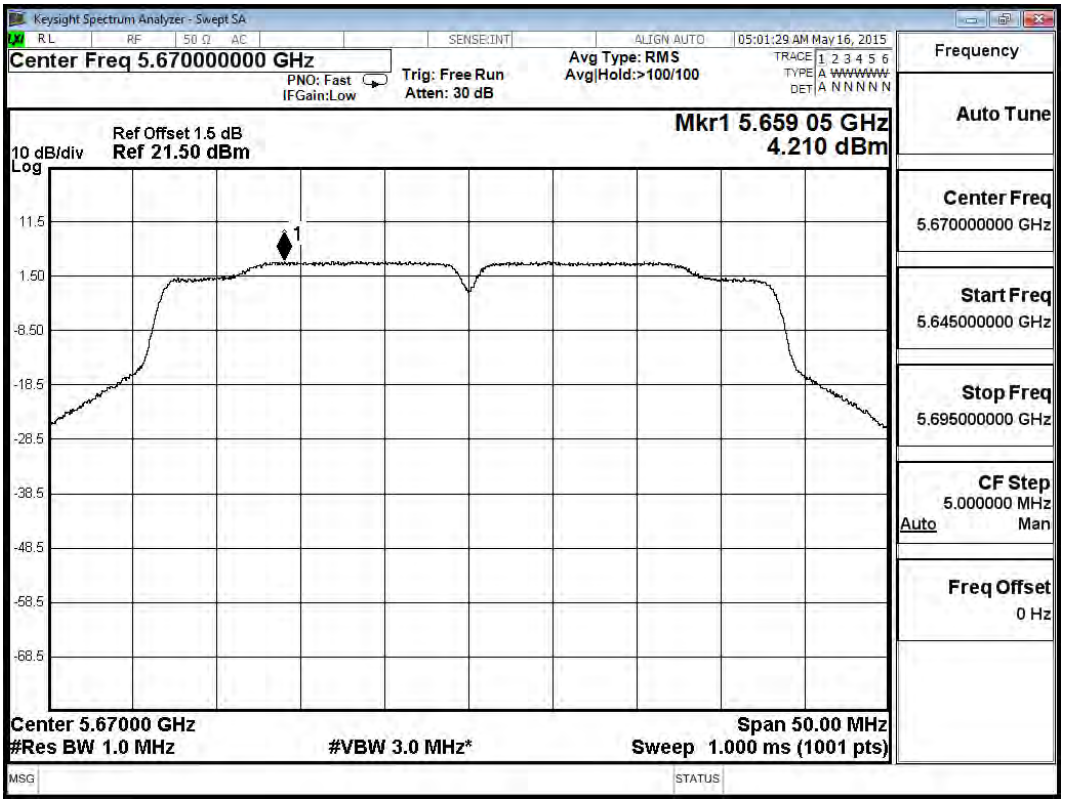
Channel 102 – Chain A



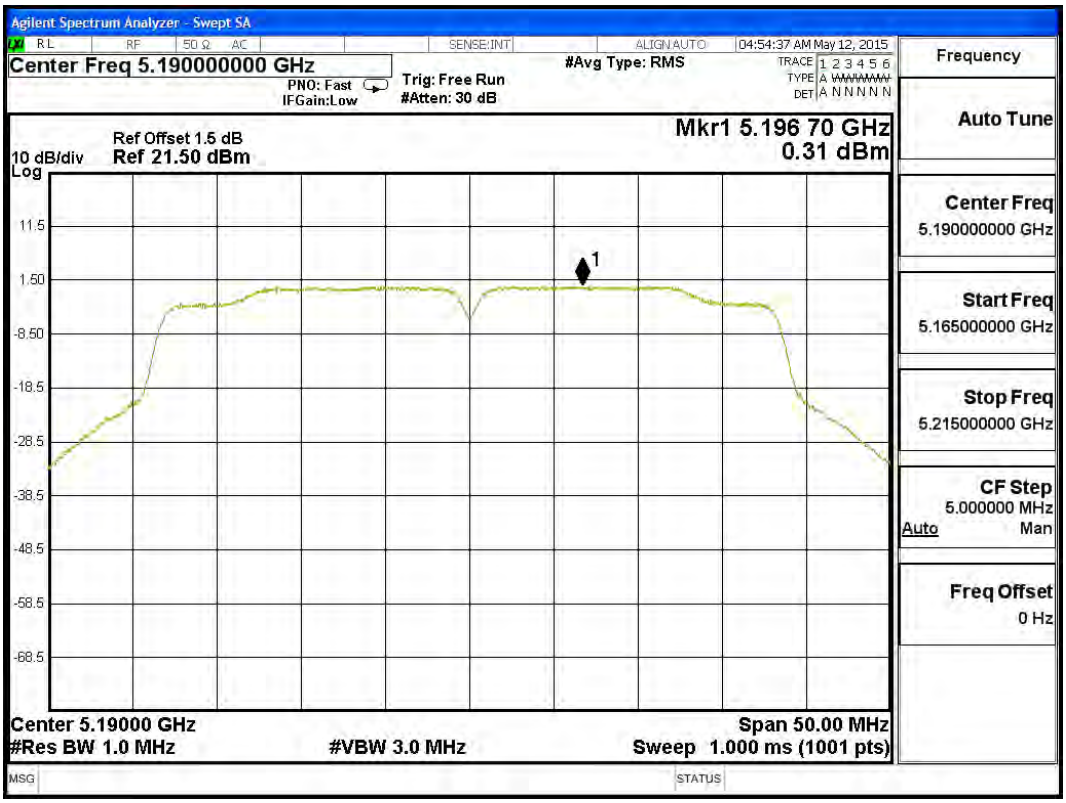
Channel 110 – Chain A



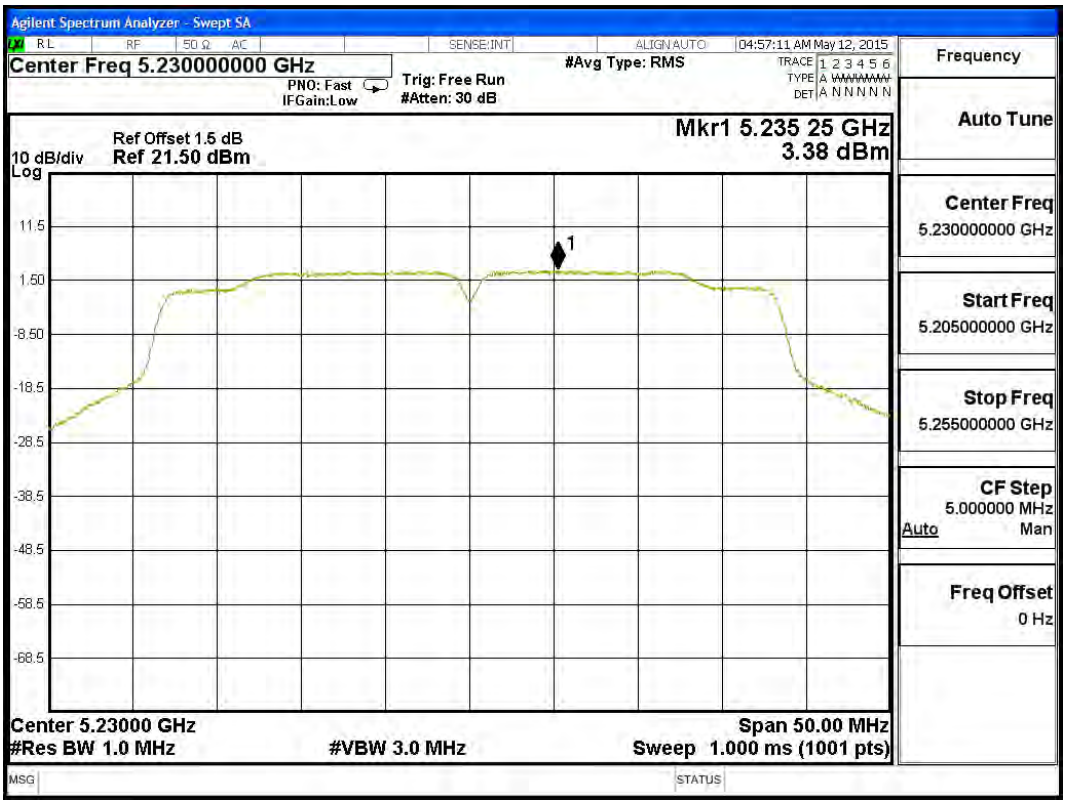
Channel 134 – Chain A



Channel 38 – Chain B



Channel 46 – Chain B



Channel 54 – Chain B