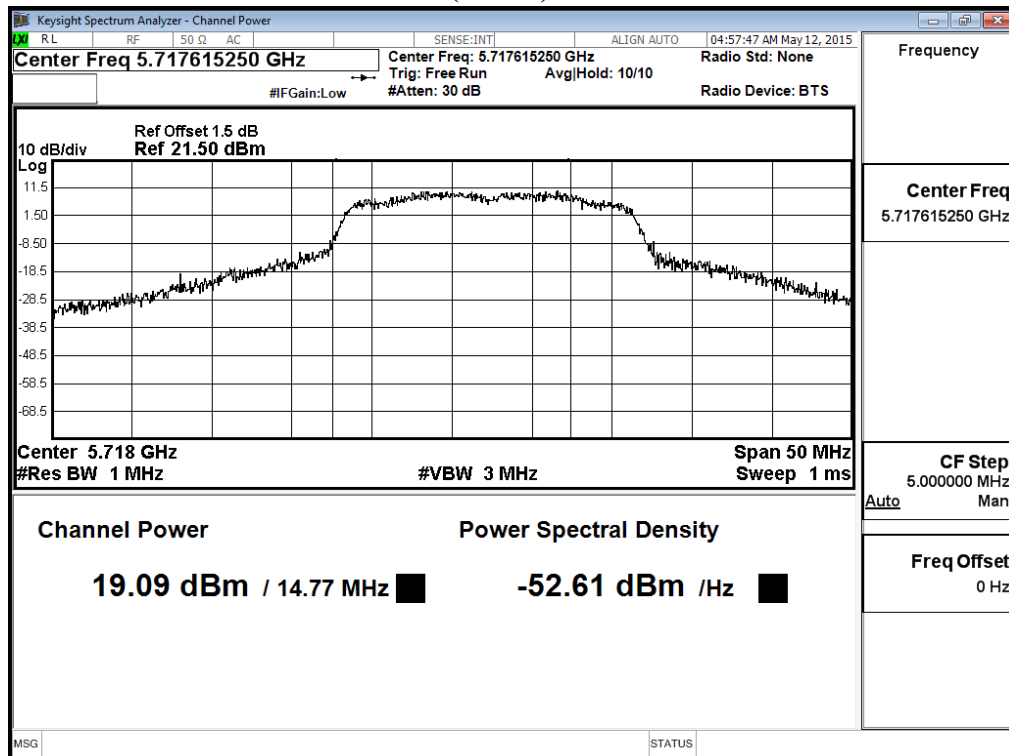
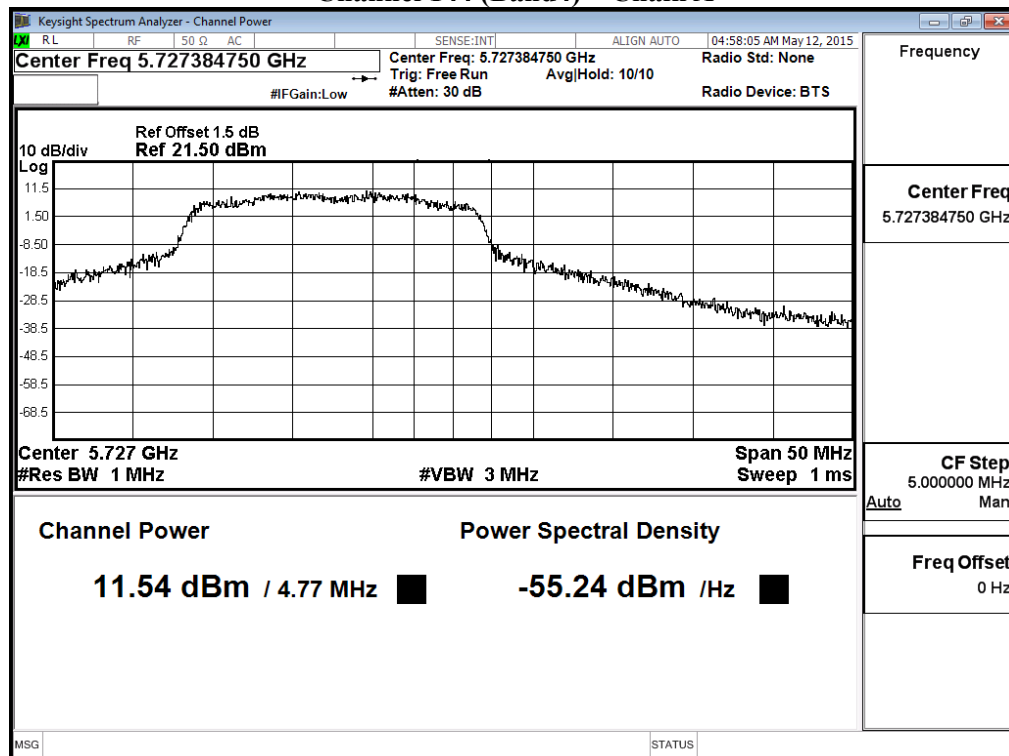


Maximum conducted output power:

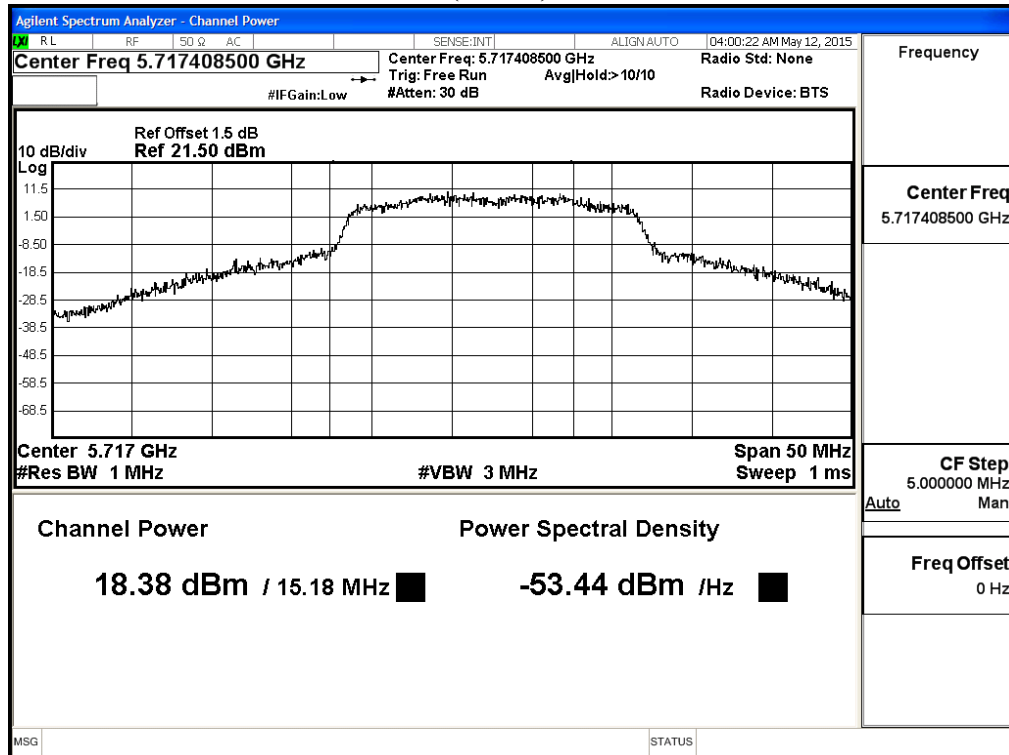
Channel 144 (Band3) – Chain A



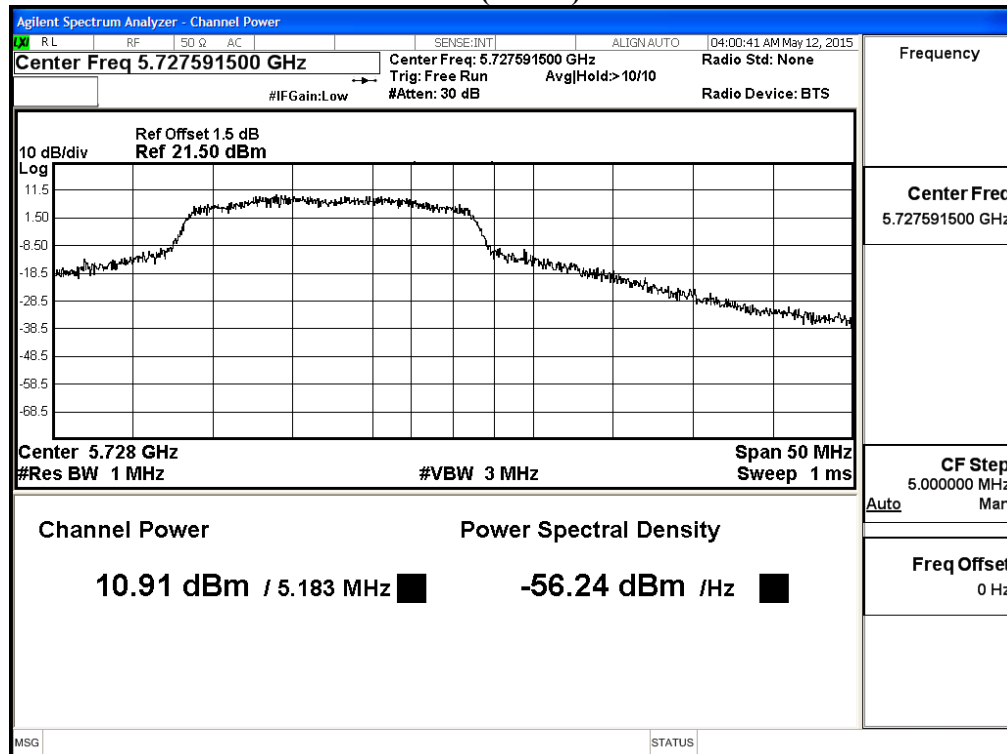
Channel 144 (Band4) – Chain A



**Maximum conducted output power:
Channel 144 (Band3) – Chain B**



Channel 144 (Band4) – Chain B



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit (802.11ac-40BW-30Mbps)

Chain A

Cable loss=1dB		Maximum conducted output power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
142F(Band3)	5710	18.37	18.32	18.17	18.08	17.96	17.84	17.62	17.55	17.41	17.36	<24dBm
142F(Band4)	5710	6.41	5.98	5.84	5.74	5.59	5.43	5.21	5.11	5.06	4.98	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1dB		Maximum conducted output power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
142F(Band3)	5710	17.82	17.58	17.49	17.26	17.11	17.04	16.97	16.84	16.76	16.51	<24dBm
142F(Band4)	5710	6.72	4.86	4.71	4.63	4.52	4.38	4.24	4.19	4.06	3.97	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

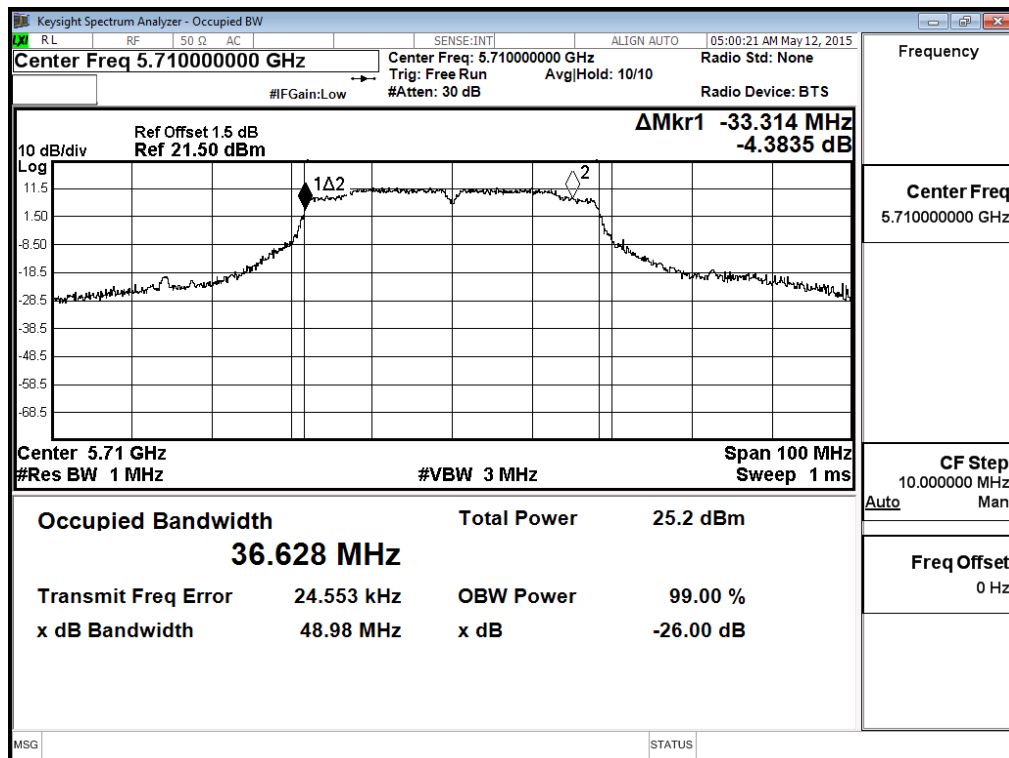
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dB)	Output Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
142F(Band3)	5710	33.314	18.37	17.82	0.15	21.26	24	26.23
142F(Band4)	5710	3.314	6.41	6.72	0.15	9.73	30	16.20

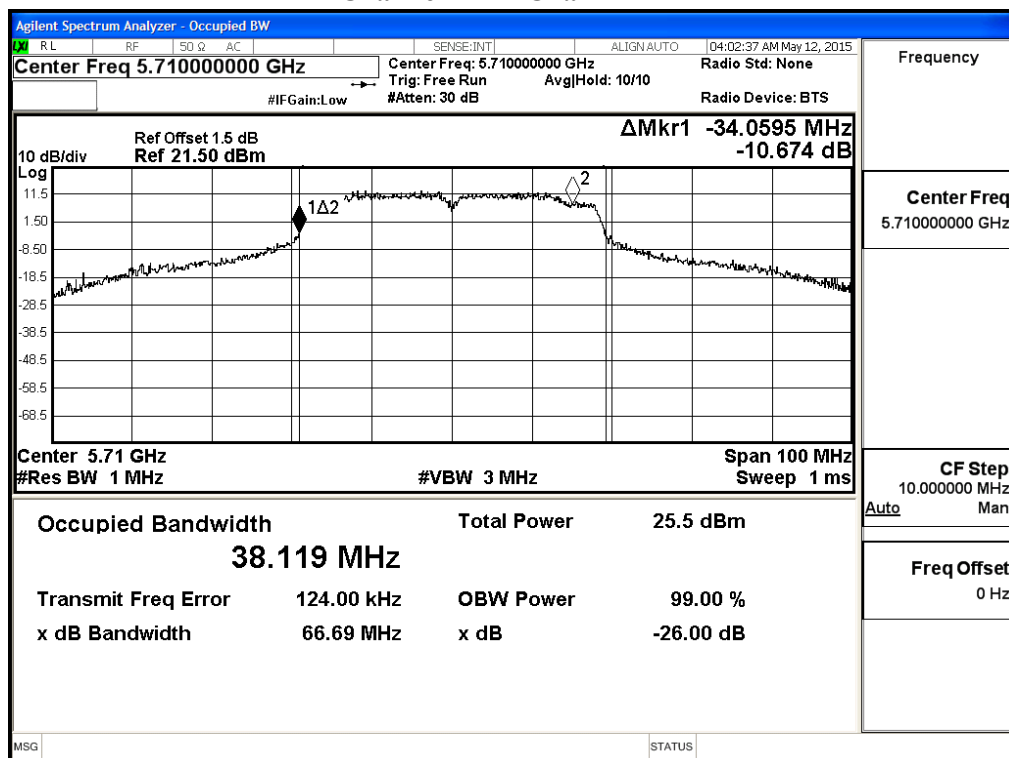
Note:

1. Total Output Power (dBm) = 10LOG (Chain A Power (mW) + Chain B Power (mW)) + Duty Factor.
2. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

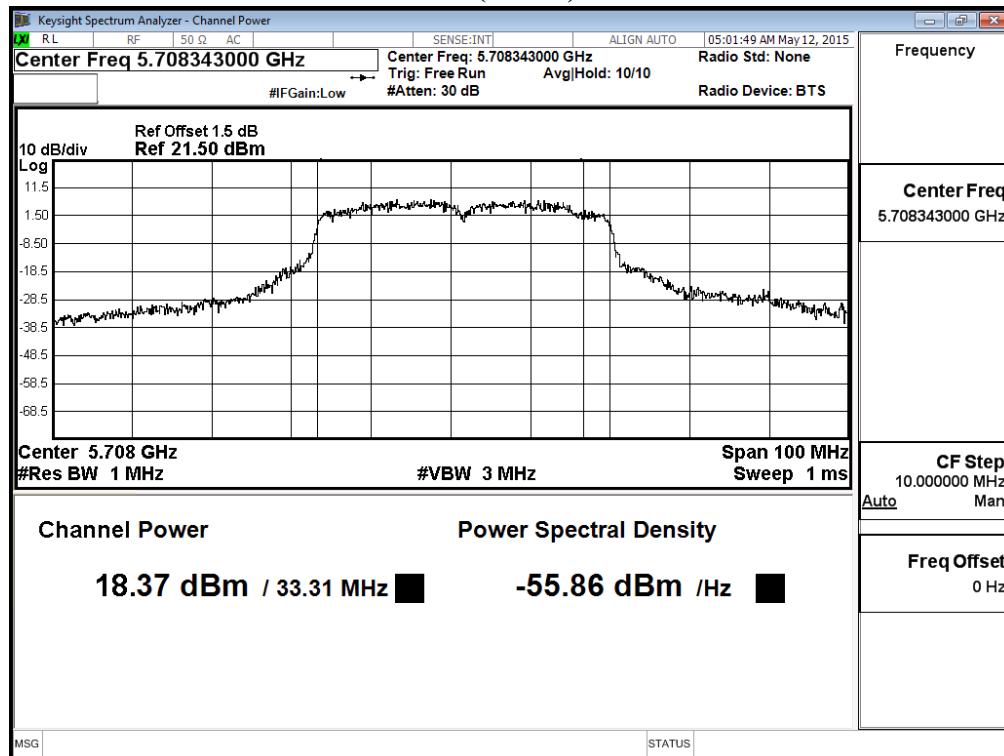
**26dBc Occupied Bandwidth:
Channel 142 – Chain A**



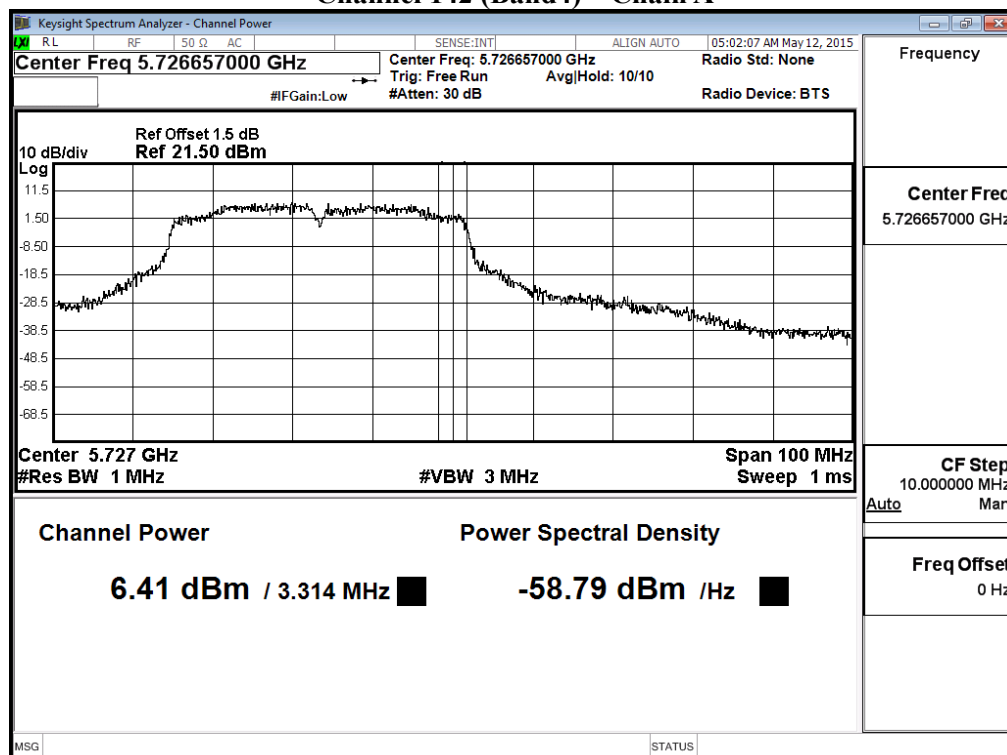
**26dBc Occupied Bandwidth:
Channel 142 – Chain B**



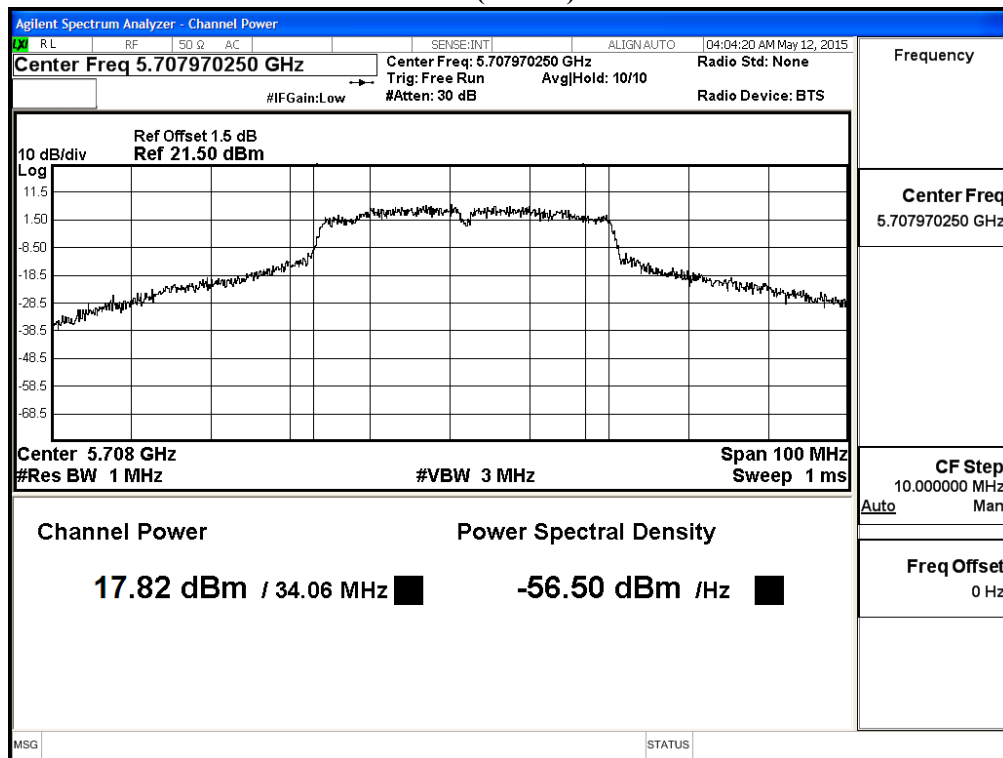
**Maximum conducted output power:
Channel 142 (Band3) – Chain A**



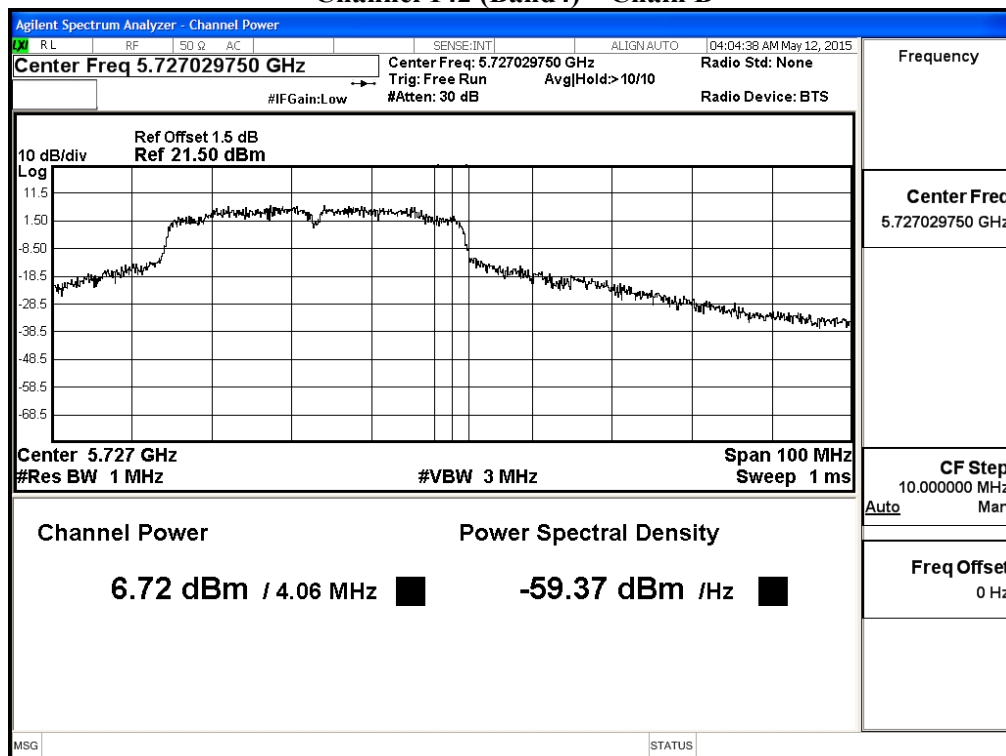
Channel 142 (Band4) – Chain A



**Maximum conducted output power:
Channel 142 (Band3) – Chain B**



Channel 142 (Band4) – Chain B



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps)

Chain A

Cable loss=1dB		Maximum conducted output power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
42	5210	17.92	17.85	17.78	17.71	17.64	17.57	17.50	17.43	17.36	17.29	<24dBm
58	5290	12.36	12.15	11.94	11.73	11.52	11.31	11.10	10.89	10.68	10.47	<24dBm
106	5530	16.01	15.89	15.77	15.65	15.53	15.41	15.29	15.17	15.05	14.93	<24dBm
122ac80	5610	18.00	17.91	17.82	17.73	17.64	17.55	17.46	17.37	17.28	17.19	<24dBm
138(Band3)	5690	18.17	18.14	18.11	18.08	18.05	18.02	17.99	17.96	17.93	17.90	<24dBm
138(Band4)	5690	1.65	1.17	1.05	0.97	0.83	0.65	0.57	0.43	0.37	0.14	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1dB		Maximum conducted output power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
42	5210	16.37	16.24	16.11	15.98	15.85	15.72	15.59	15.46	15.33	15.20	<24dBm
58	5290	10.90	10.78	10.66	10.54	10.42	10.30	10.18	10.06	9.94	9.82	<24dBm
106	5530	16.14	16.02	15.90	15.78	15.66	15.54	15.42	15.30	15.18	15.06	<24dBm
122ac80	5610	18.08	17.97	17.86	17.75	17.64	17.53	17.42	17.31	17.2	17.09	<24dBm
138(Band3)	5690	18.34	18.11	17.88	17.65	17.42	17.19	16.96	16.73	16.5	16.27	<24dBm
138(Band4)	5690	3.16	3.01	2.86	2.71	2.56	2.41	2.26	2.11	1.96	1.81	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

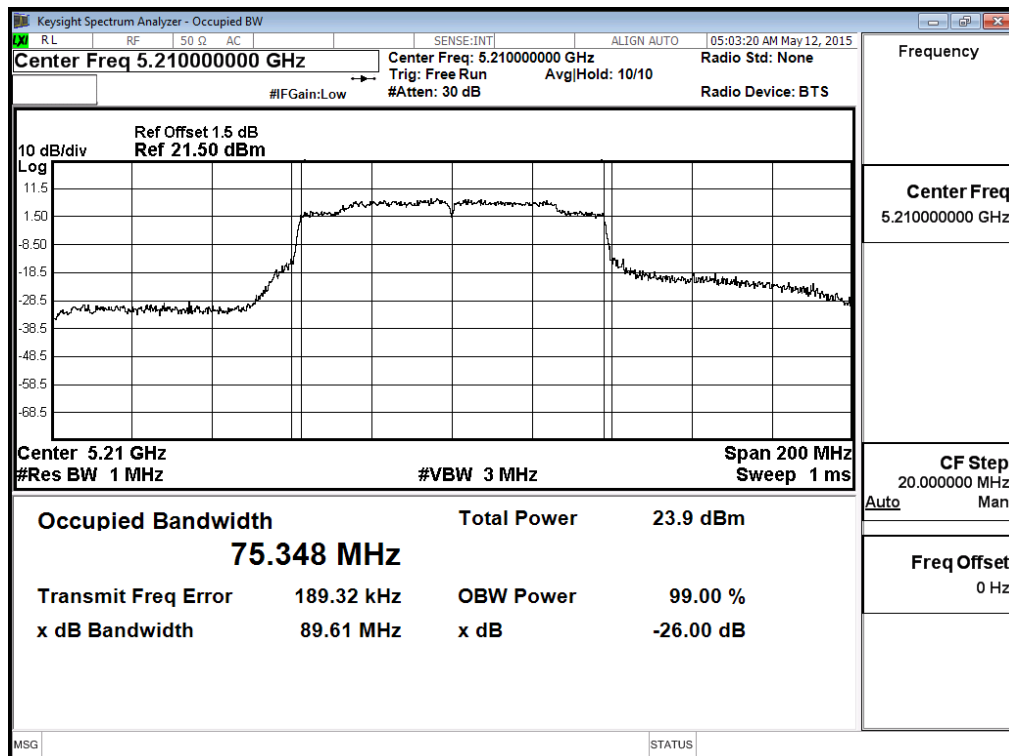
Maximum conducted output power Measurement

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dB)	Output Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
42	5210	74.410	17.92	16.37	0.31	20.53	24	--
58	5290	75.080	12.36	10.90	0.31	15.01	24	29.76
106	5530	75.106	16.01	16.14	0.31	19.40	24	29.76
122	5610	75.430	18.00	18.08	0.31	21.36	24	29.78
138(Band3)	5690	72.820	18.17	18.34	0.31	21.58	24	29.62
138(Band4)	5690	2.817	1.65	3.16	0.31	5.79	30	21.50

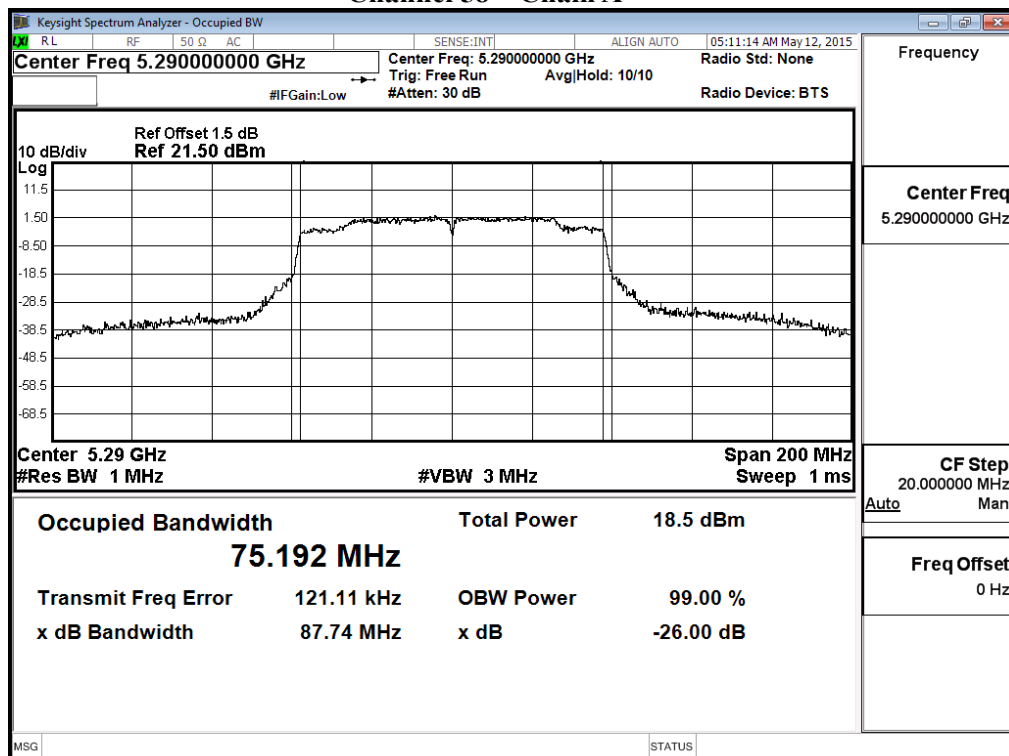
Note:

1. Total Output Power (dBm) = 10LOG (Chain A Power (mW) + Chain B Power (mW)) + Duty Factor.
2. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

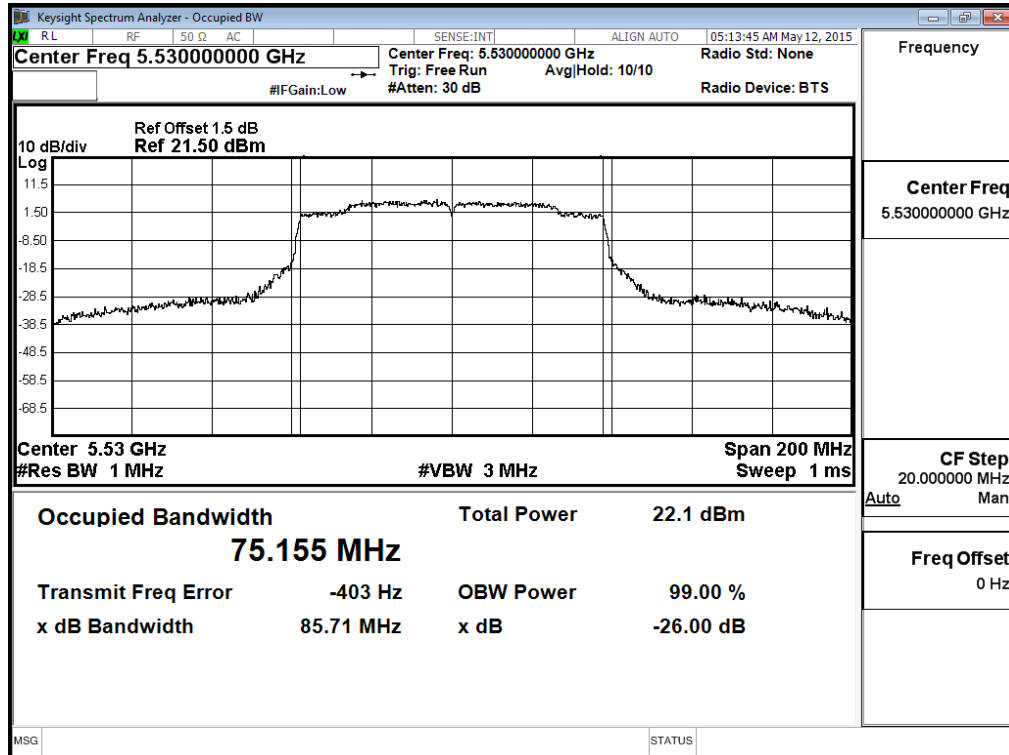
26dBc Occupied Bandwidth: Channel 42 – Chain A



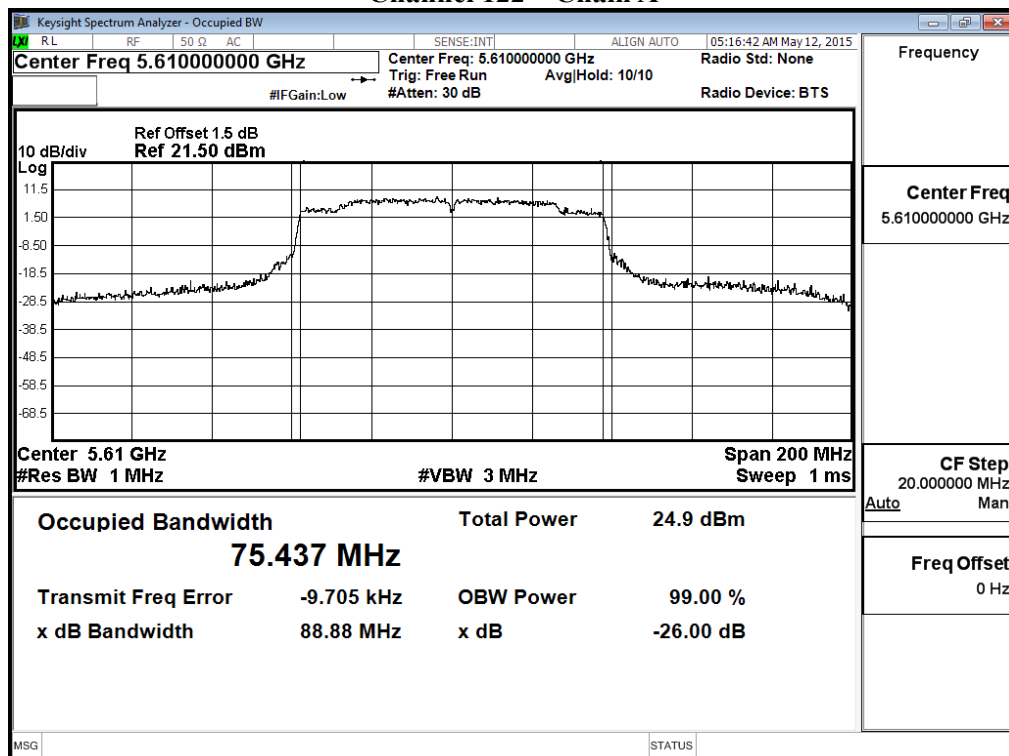
Channel 58 – Chain A



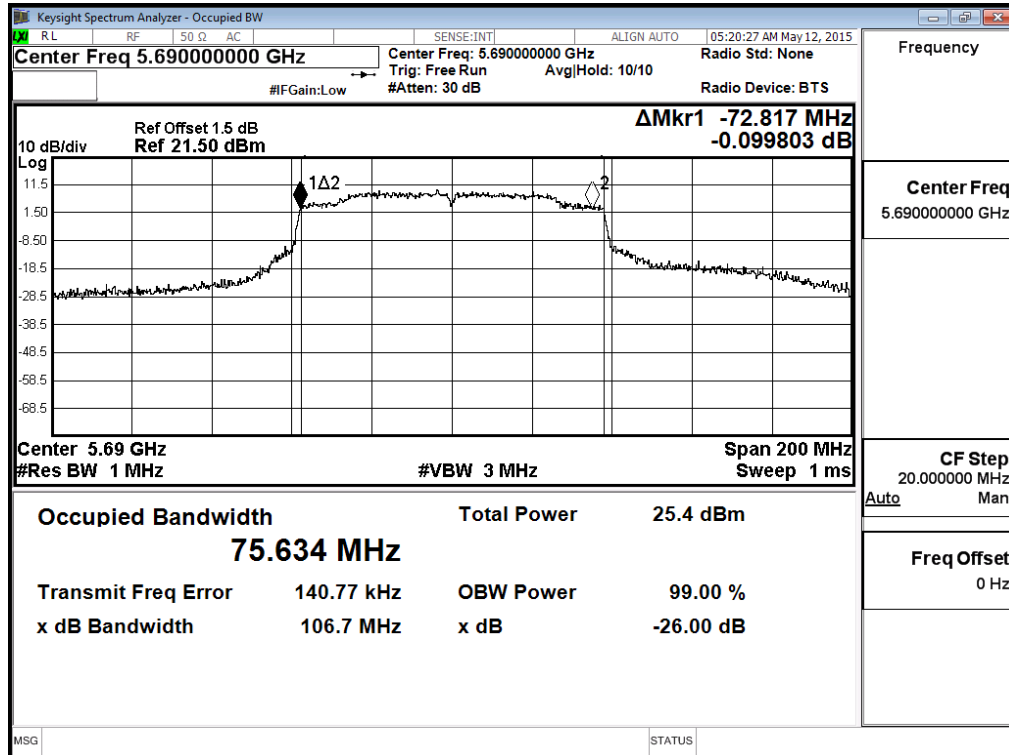
Channel 106 – Chain A



Channel 122 – Chain A

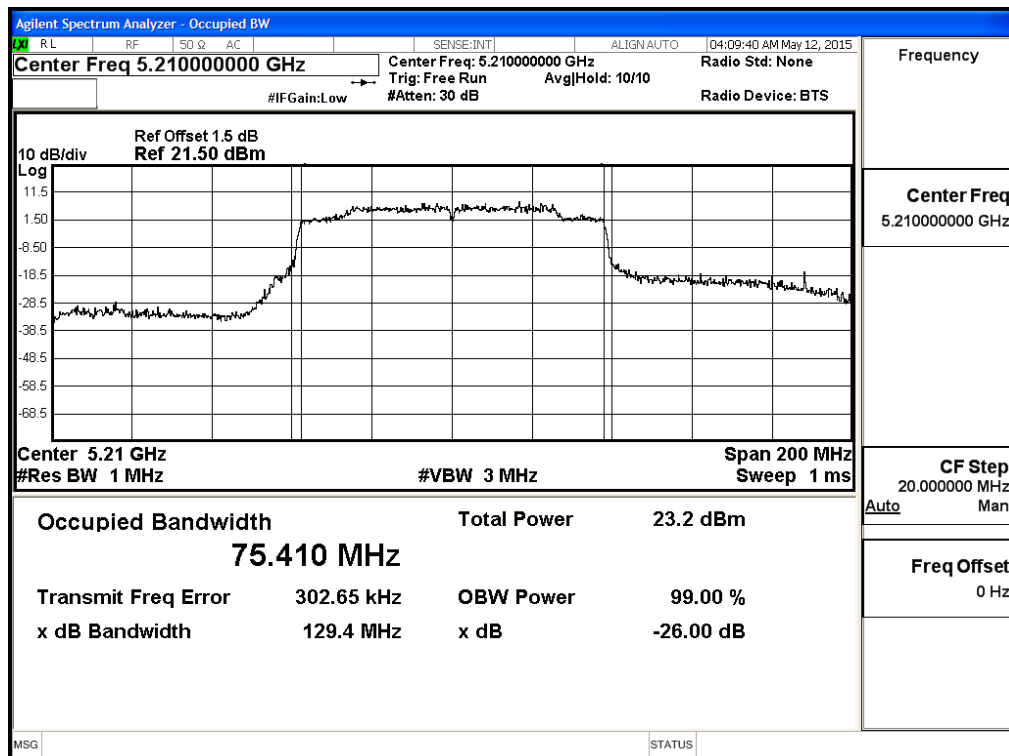


Channel 138 – Chain A

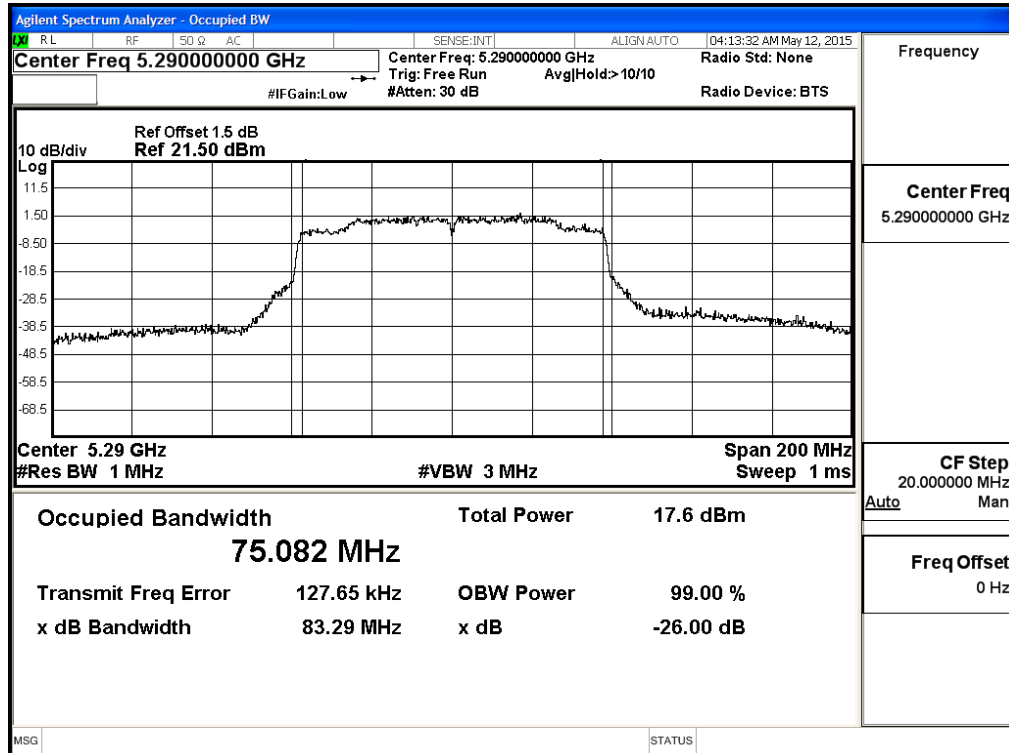


26dBc Occupied Bandwidth:

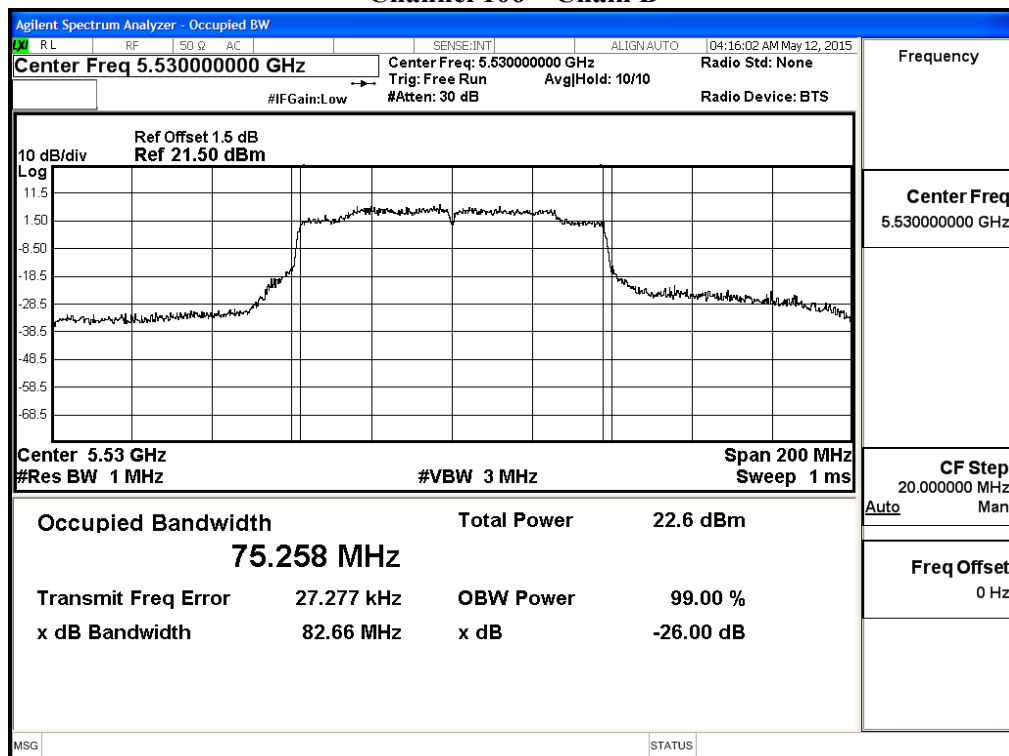
Channel 42 – Chain B



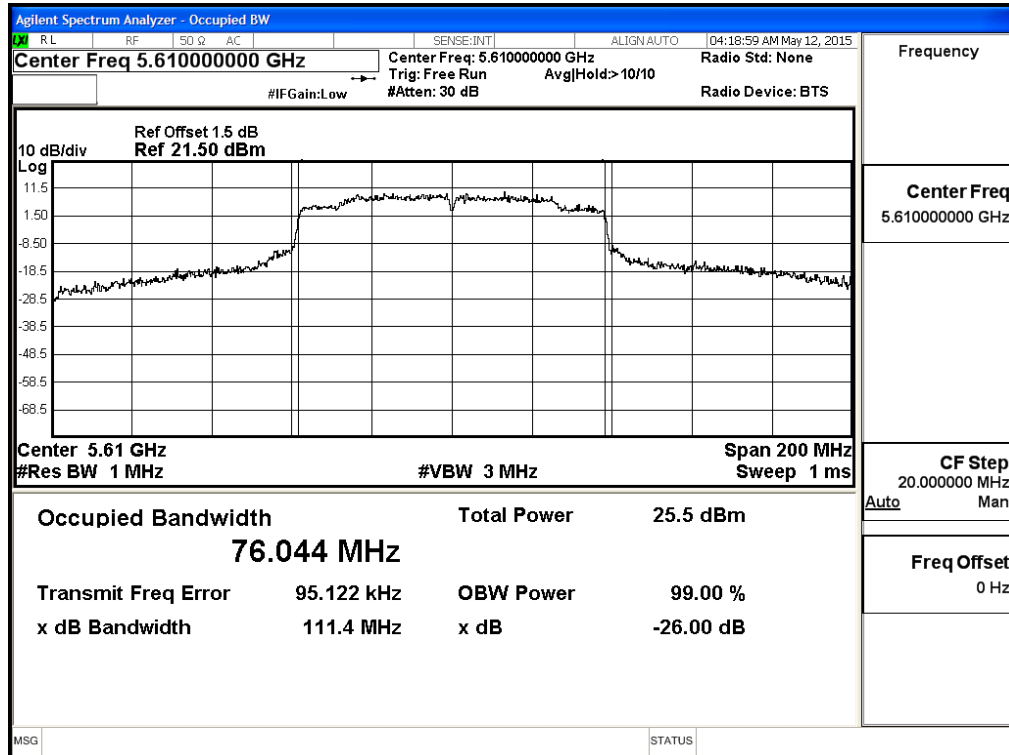
Channel 58 – Chain B



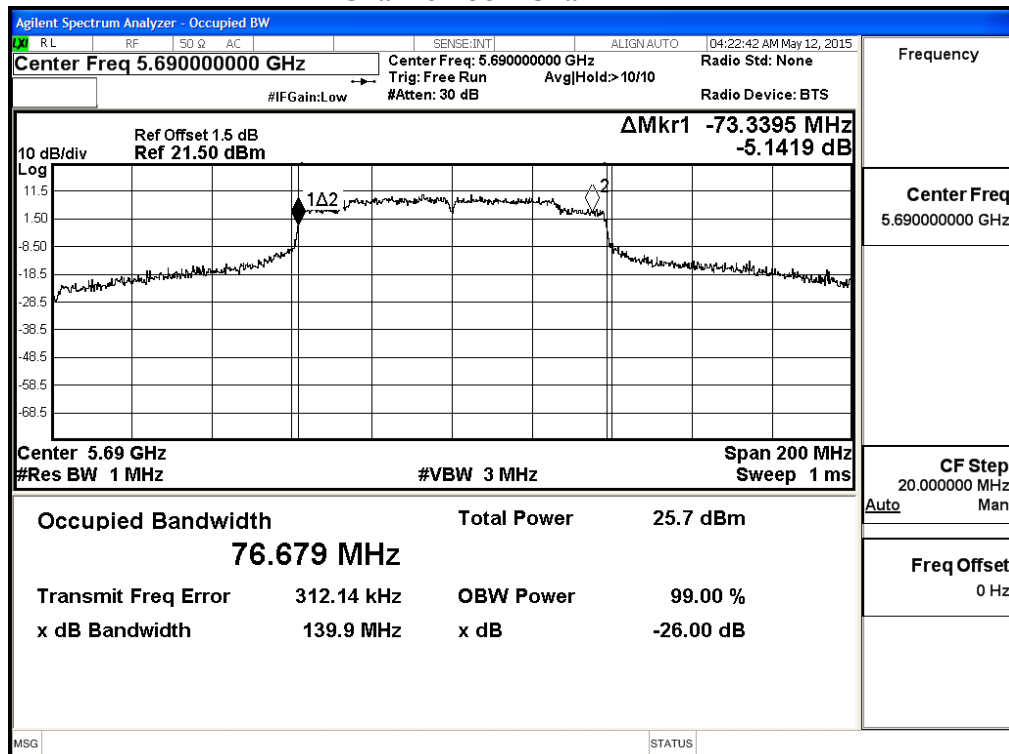
Channel 106 – Chain B



Channel 122 – Chain B

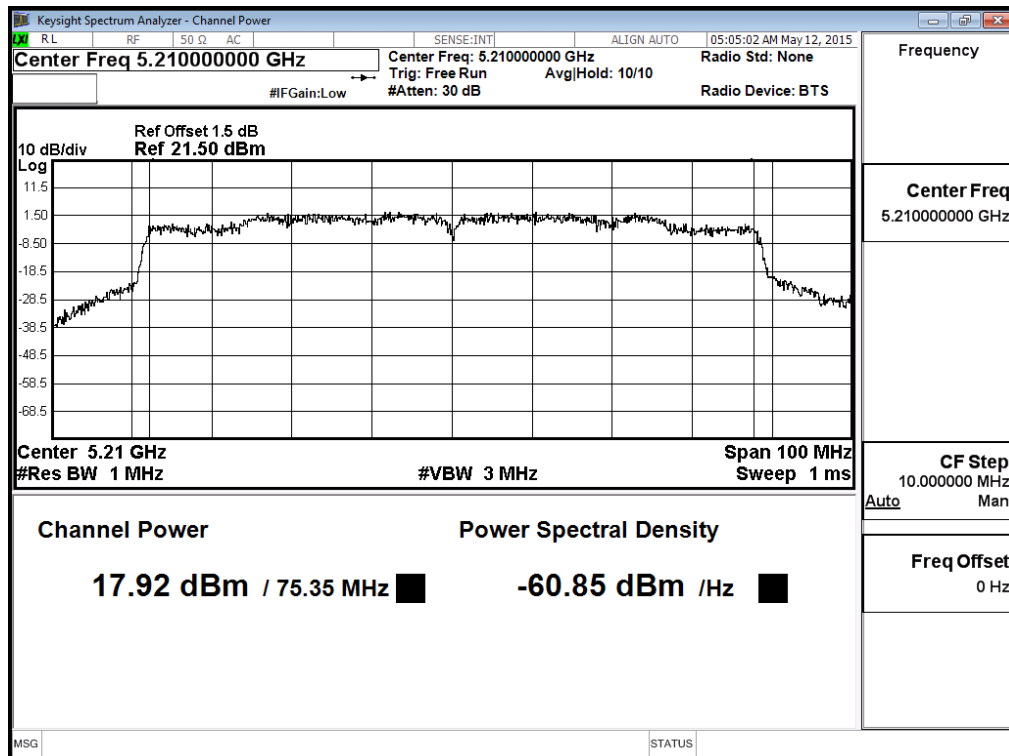


Channel 138 – Chain B



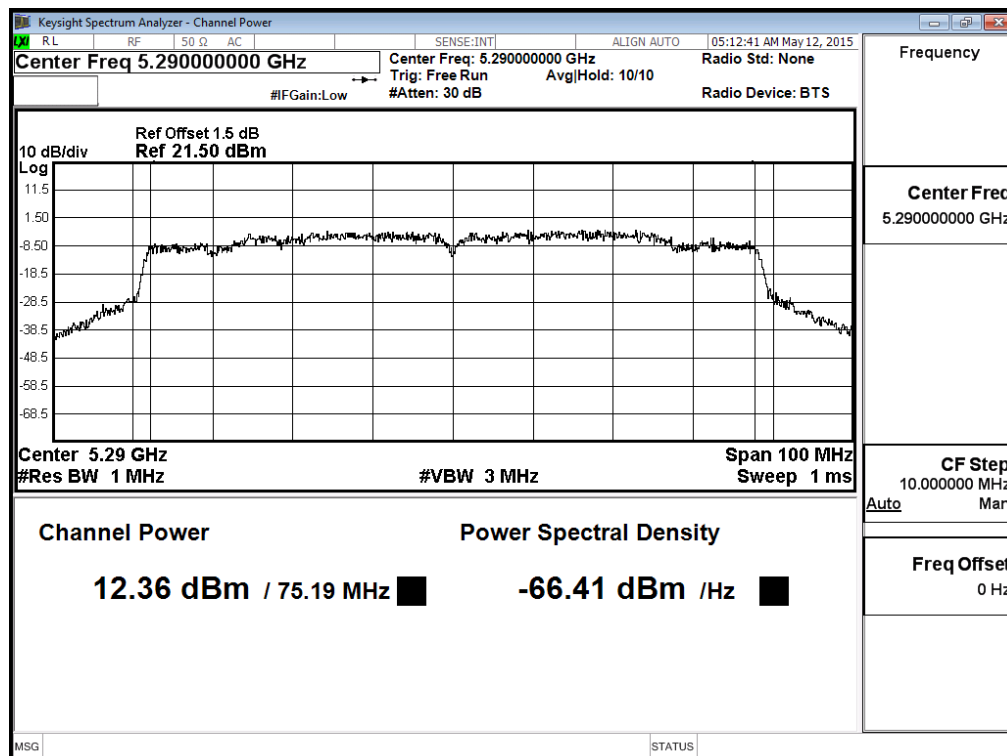
Maximum conducted output power:

Channel 42 – Chain A



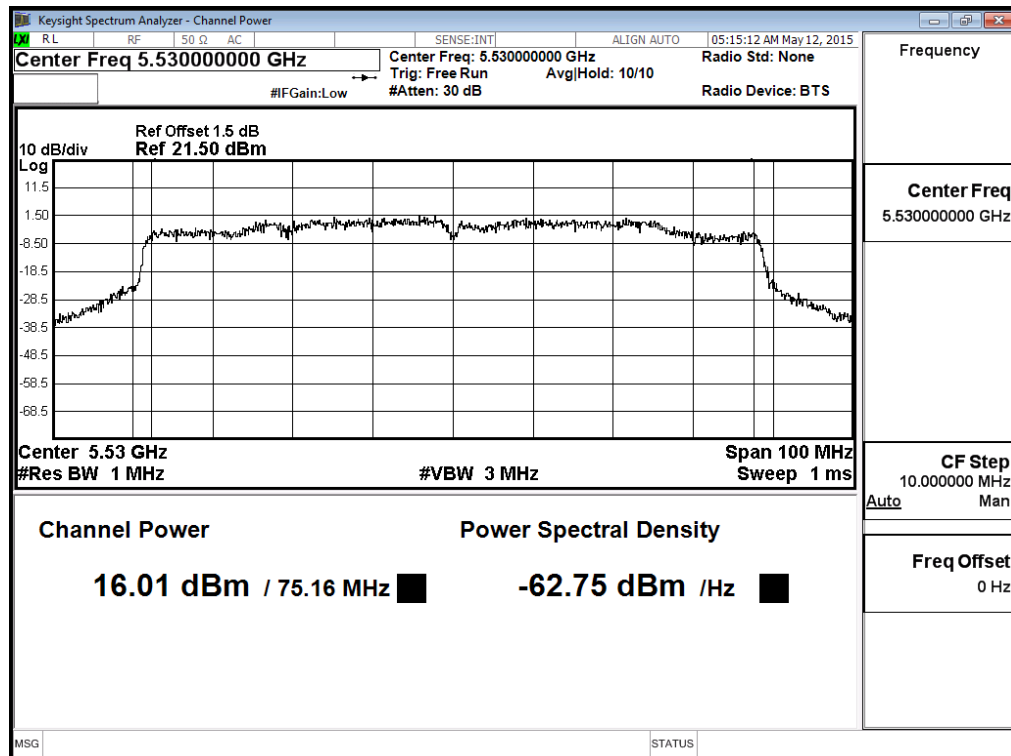
Maximum conducted output power:

Channel 58 – Chain A



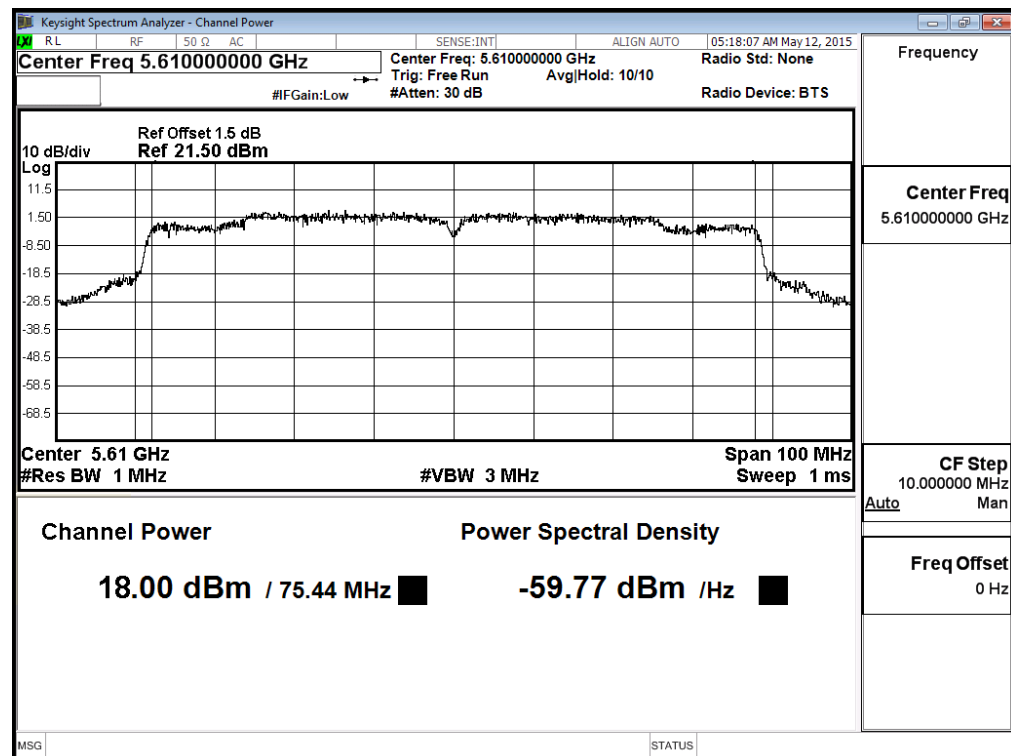
Maximum conducted output power:

Channel 106 – Chain A

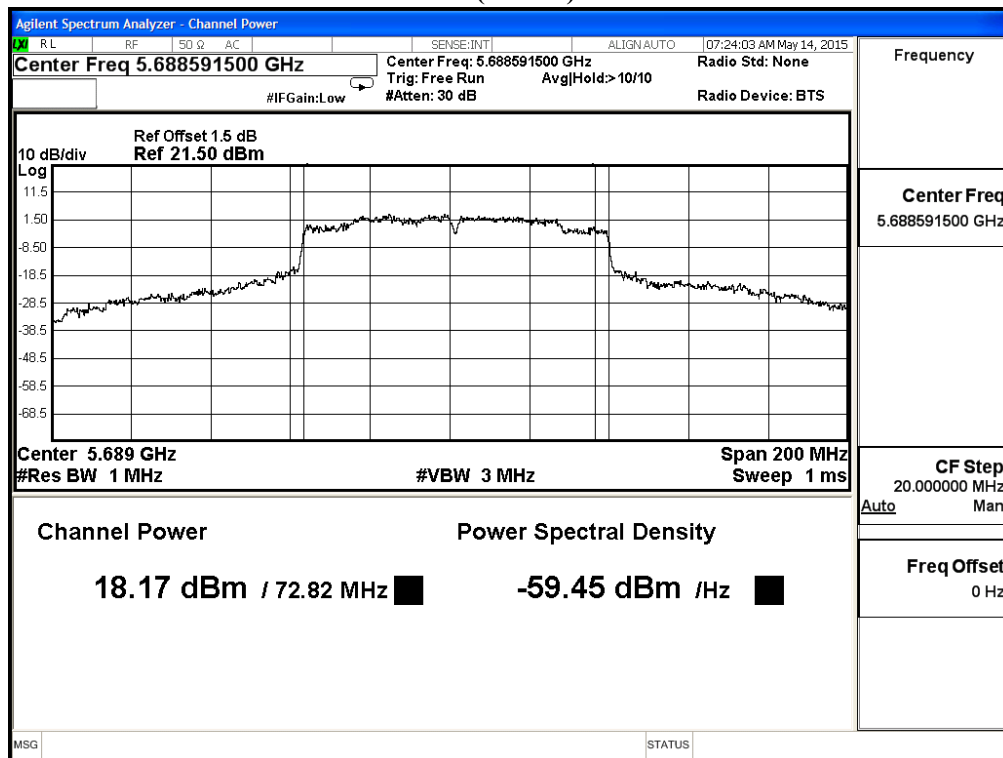


Maximum conducted output power:

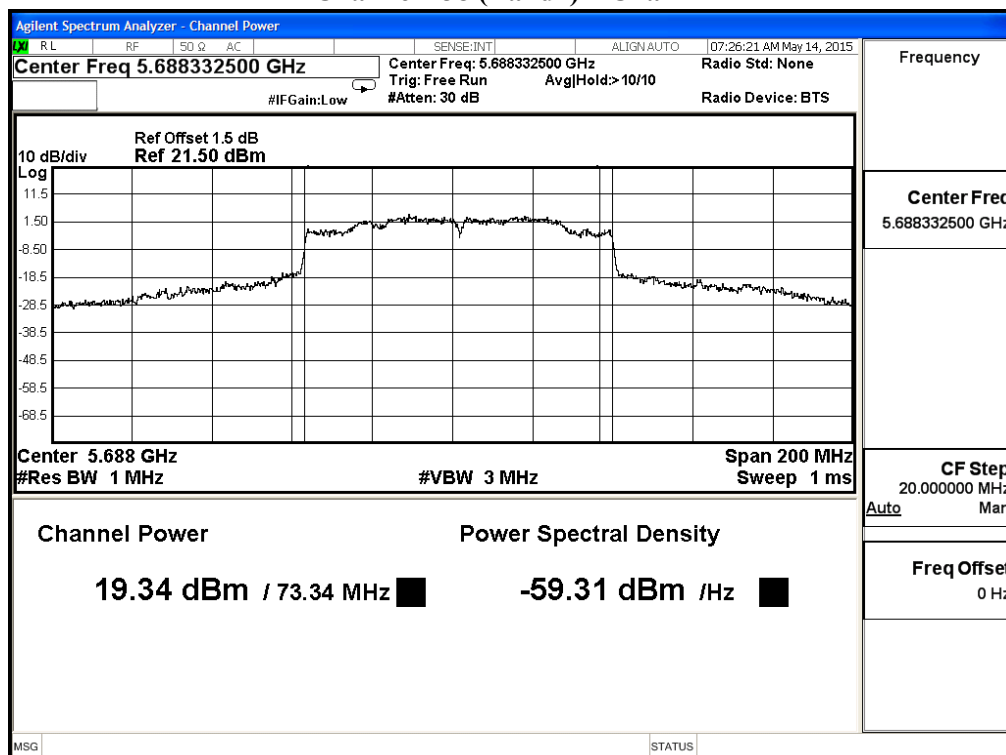
Channel 122 – Chain A



**Maximum conducted output power:
Channel 138 (Band3) – Chain A**

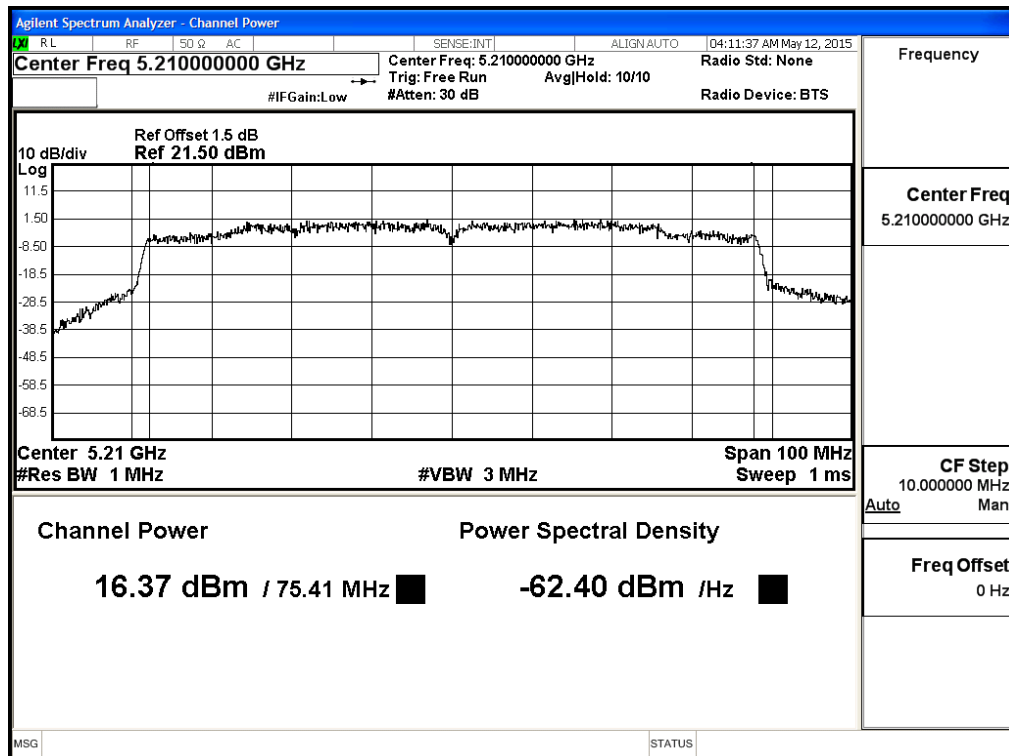


**Maximum conducted output power:
Channel 138 (Band4) – Chain A**



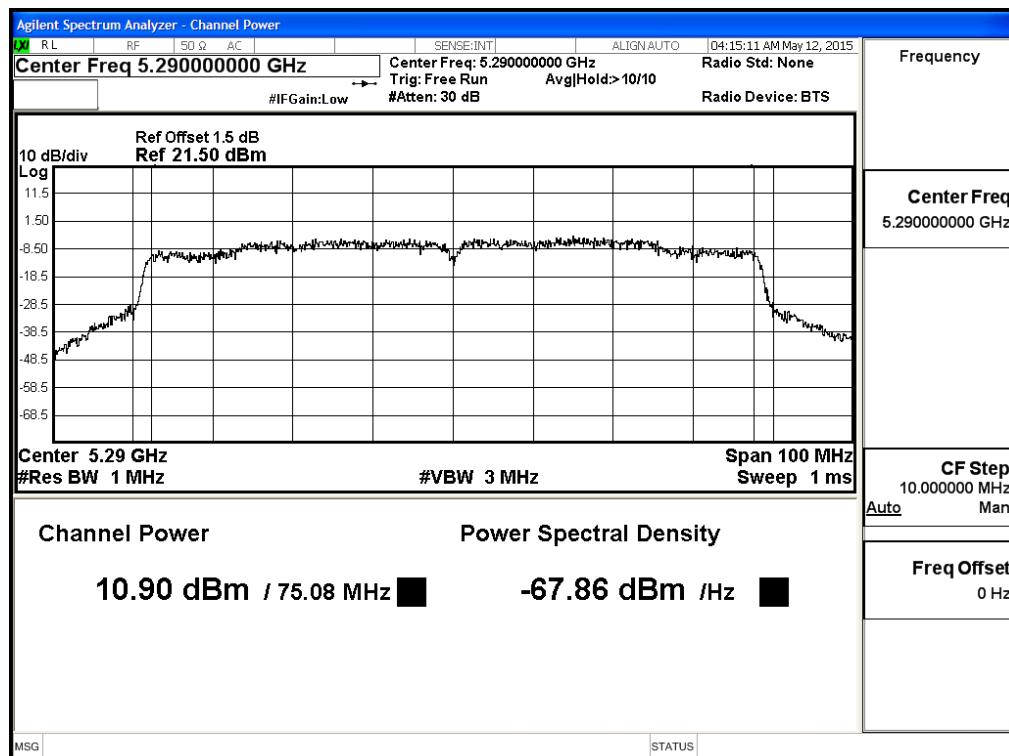
Maximum conducted output power:

Channel 42 – Chain B



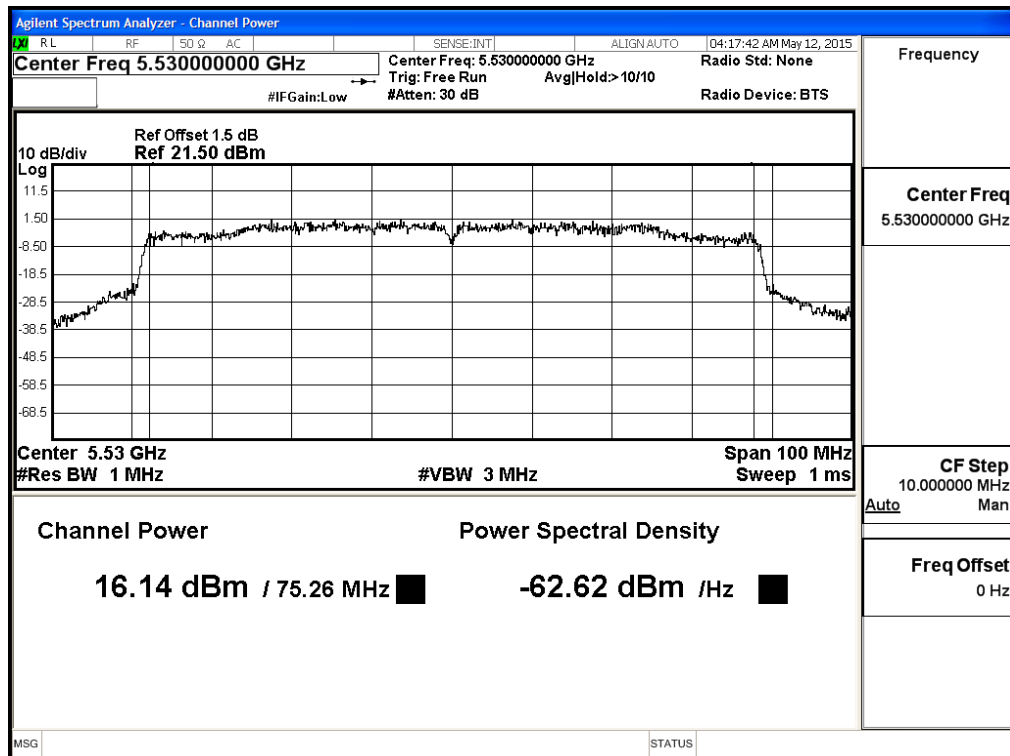
Maximum conducted output power:

Channel 58 – Chain B



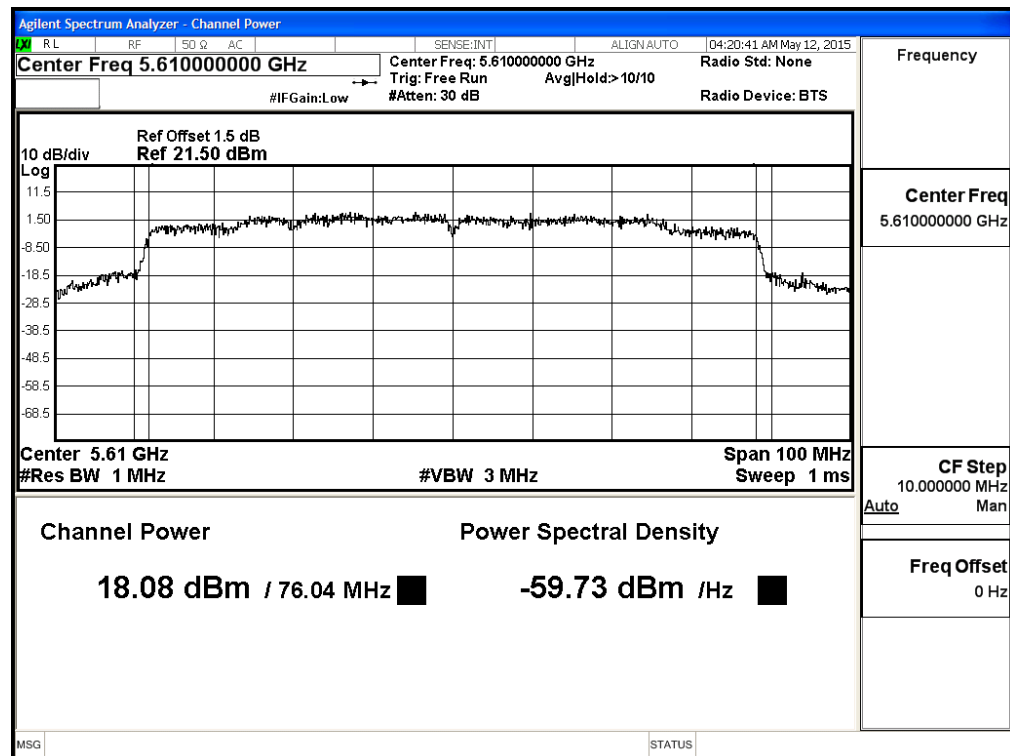
Maximum conducted output power:

Channel 106 – Chain B

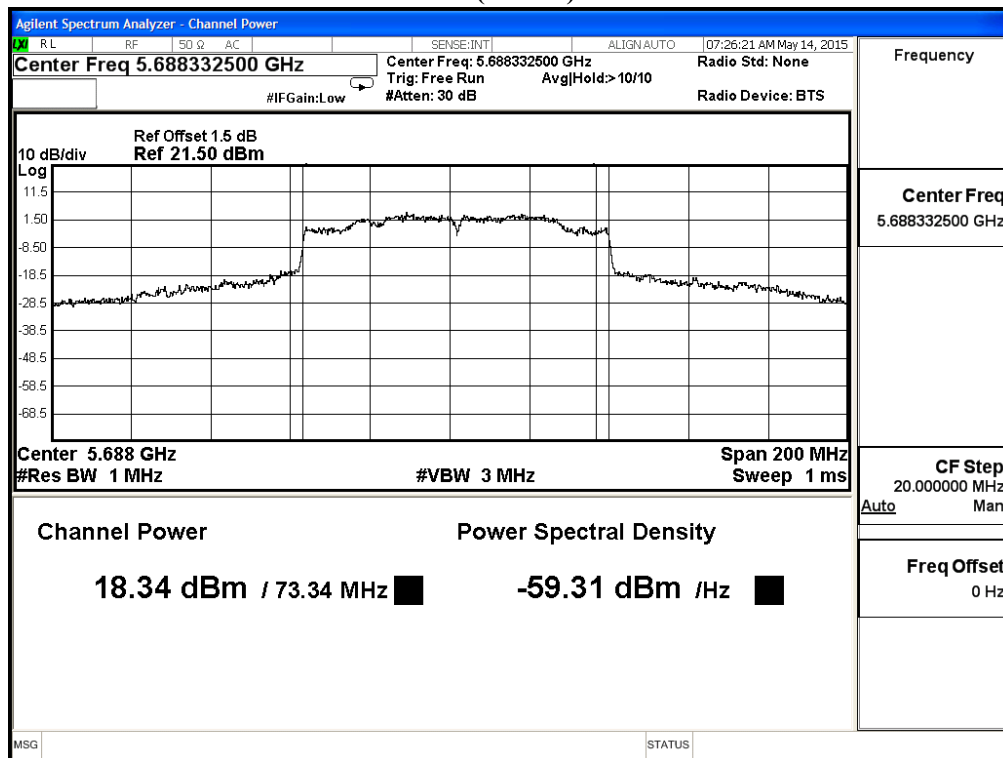


Maximum conducted output power:

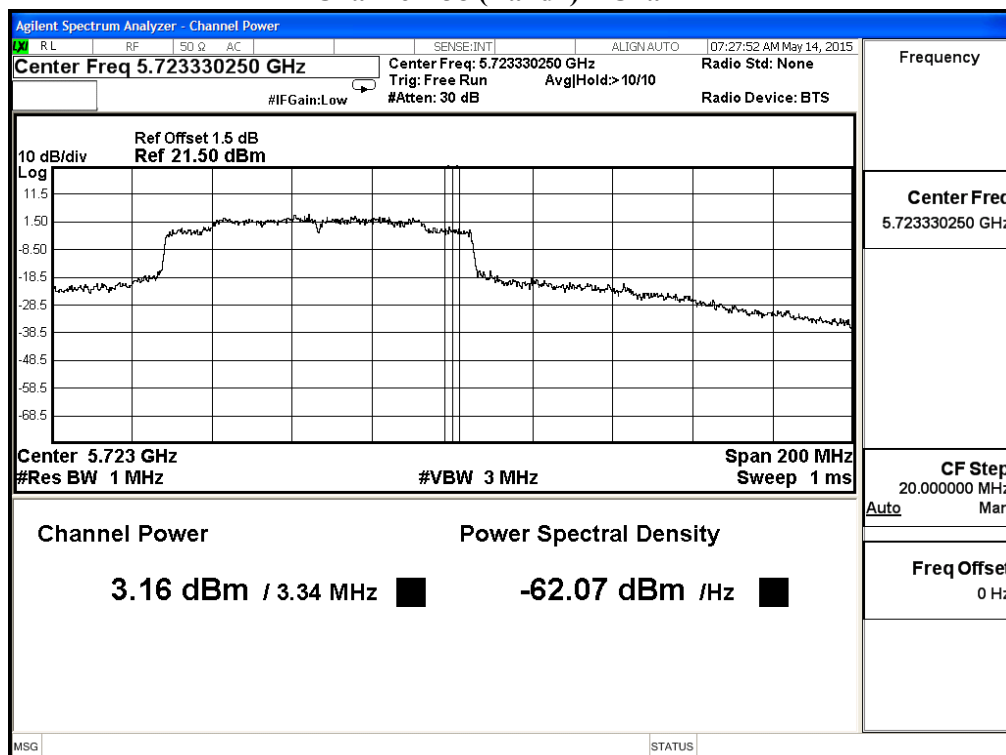
Channel 122 – Chain B



**Maximum conducted output power:
Channel 138 (Band3) – Chain B**



**Maximum conducted output power:
Channel 138 (Band4) – Chain B**



4. Peak Power Spectral Density

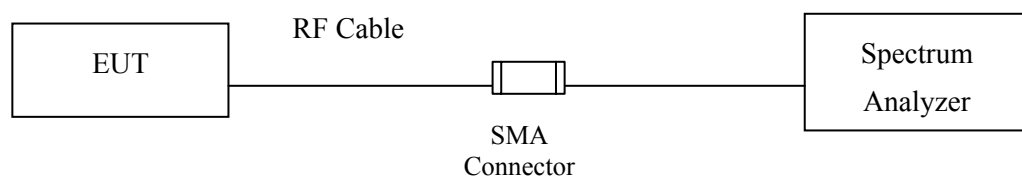
4.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun., 2014
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun., 2014
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr, 2015

Note:

1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

4.2. Test Setup



4.3. Limits

- (1) For the band 5.15-5.25 GHz,
 - (i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
 - (ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
 - (iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the

equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations. (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.+

- (2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- (3) For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

4.4. Test Procedure

The EUT was setup to ANSI C63.10, 2009; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

The Peak Power Spectral Density using KDB 789033 section F) procedure, Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer.

SA-1 method is selected to run the test.

For the band 5.725-5.85 GHz, Scale the observed power level to an equivalent value in 500 kHz by adjusting (increase) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500\text{ kHz}/100\text{ kHz}) = 6.98\text{ dB}$.

4.5. Uncertainty

$\pm 1.27\text{ dB}$

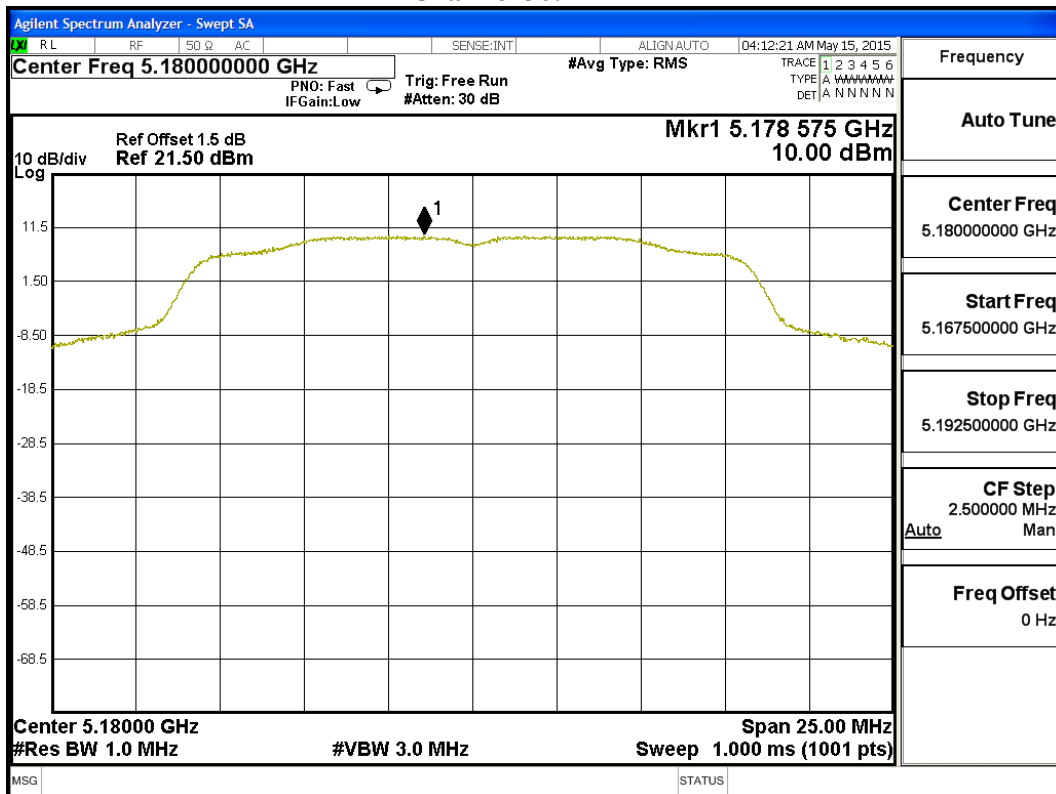
4.6. Test Result of Peak Power Spectral Density

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps)

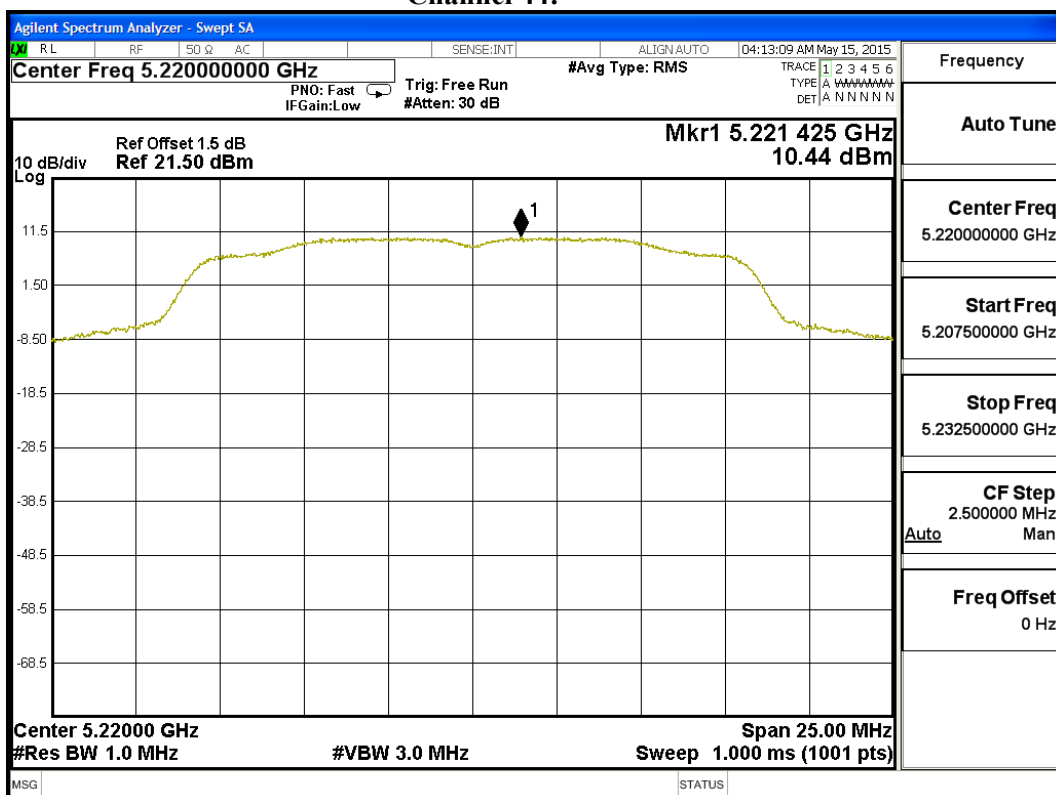
Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	6	10.000	0.08	10.080	11	Pass
44	5220	6	10.440	0.08	10.520	11	Pass
48	5240	6	10.330	0.08	10.410	11	Pass
52	5260	6	10.220	0.08	10.290	11	Pass
60	5300	6	10.110	0.08	10.190	11	Pass
64	5320	6	8.450	0.08	8.530	11	Pass
100	5500	6	7.510	0.08	7.590	11	Pass
116	5580	6	9.580	0.08	9.660	11	Pass
140	5700	6	6.270	0.08	6.340	11	Pass

Note: Total PPSD = PPSD value + Duty Factor

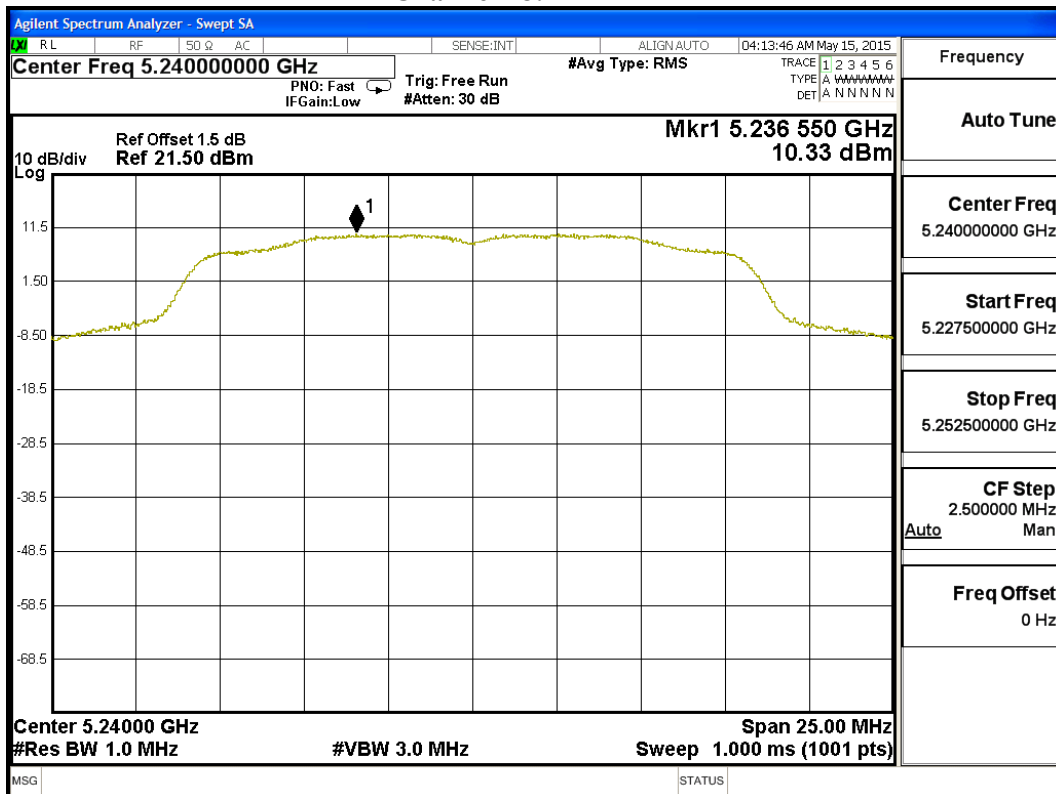
Channel 36:



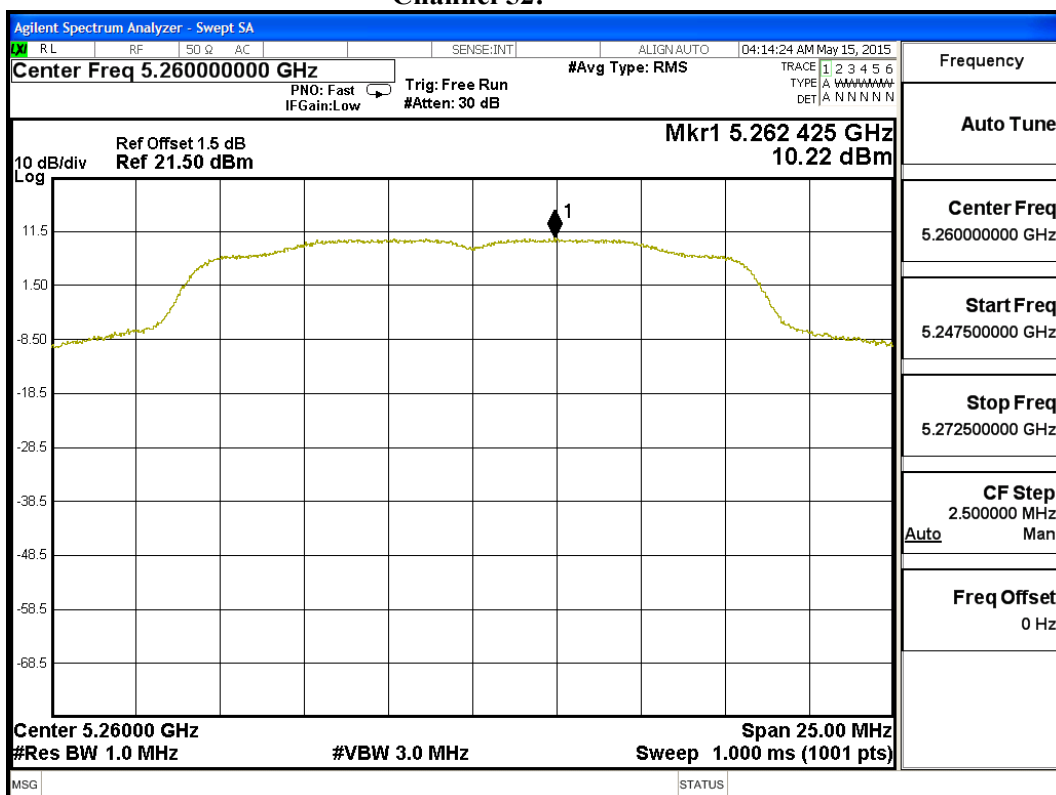
Channel 44:



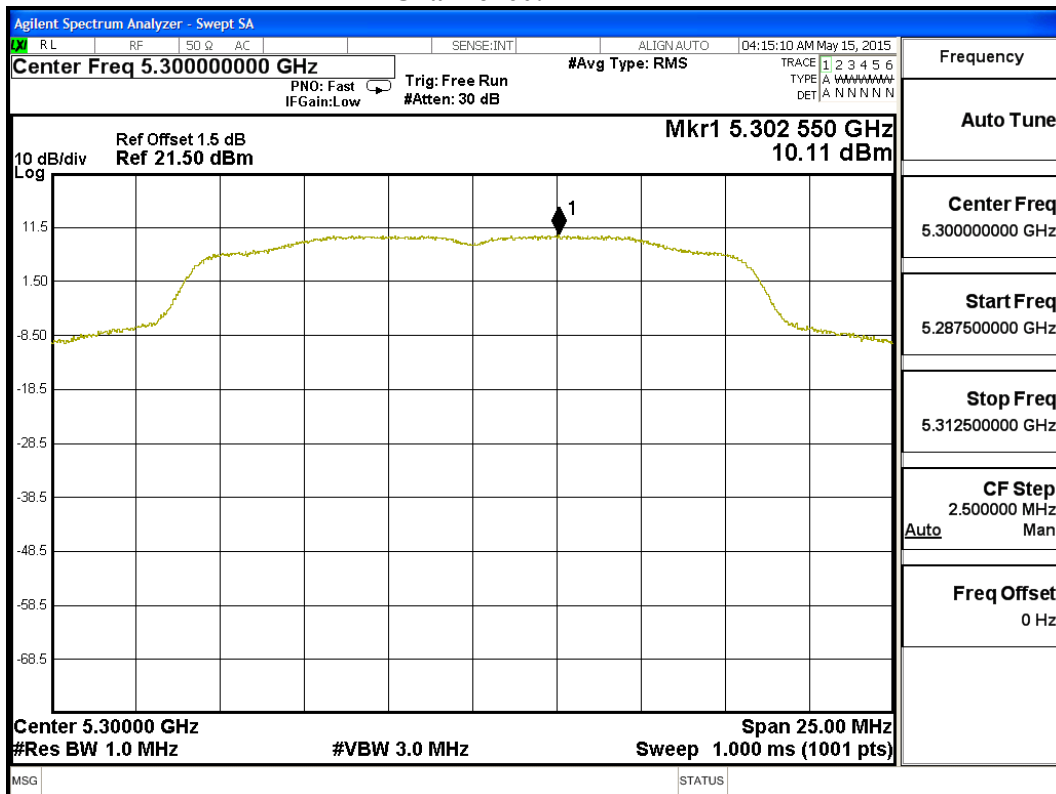
Channel 48:



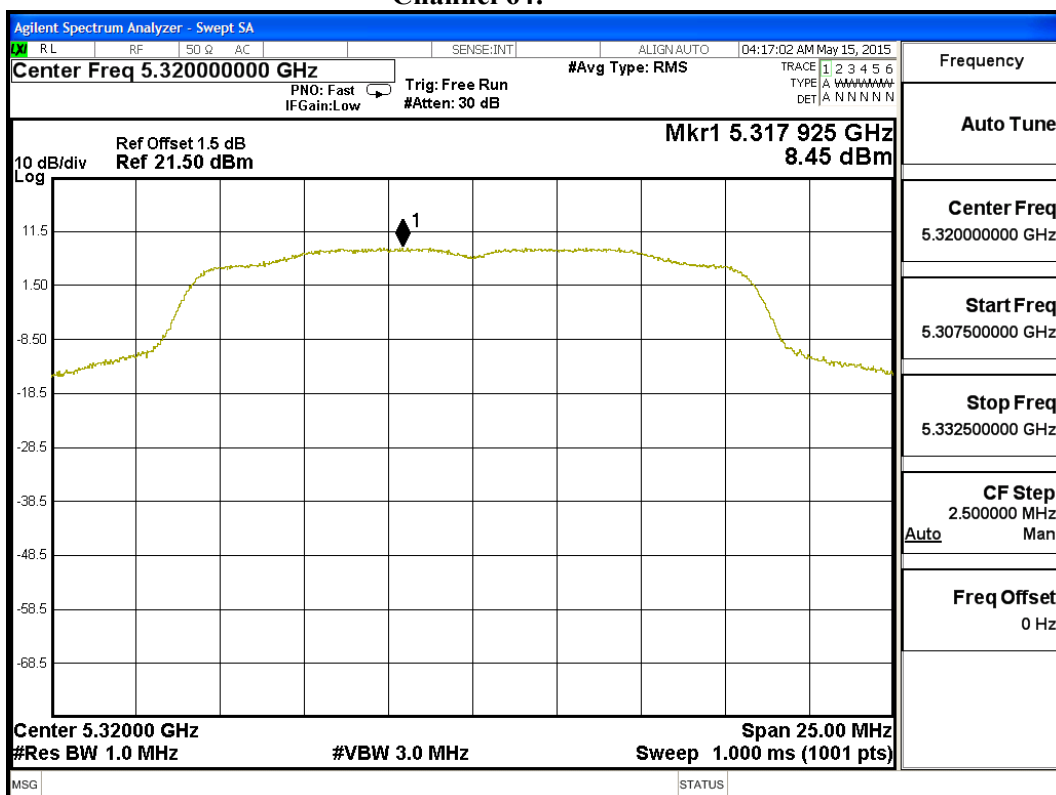
Channel 52:



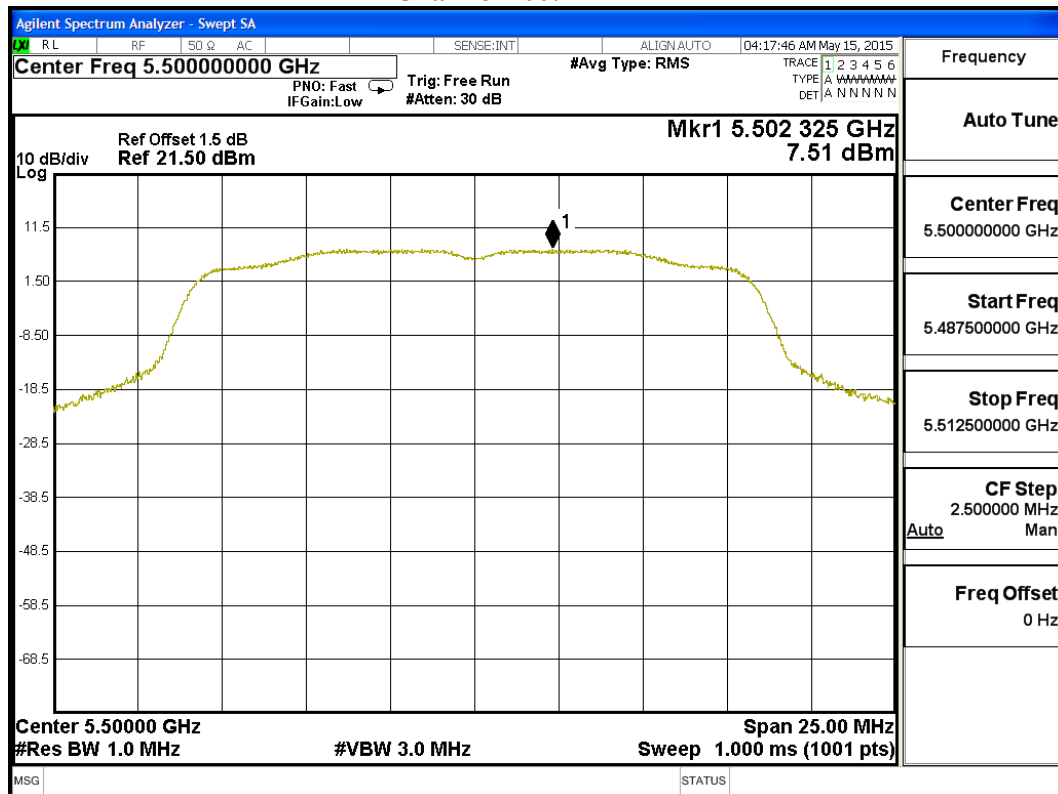
Channel 60:



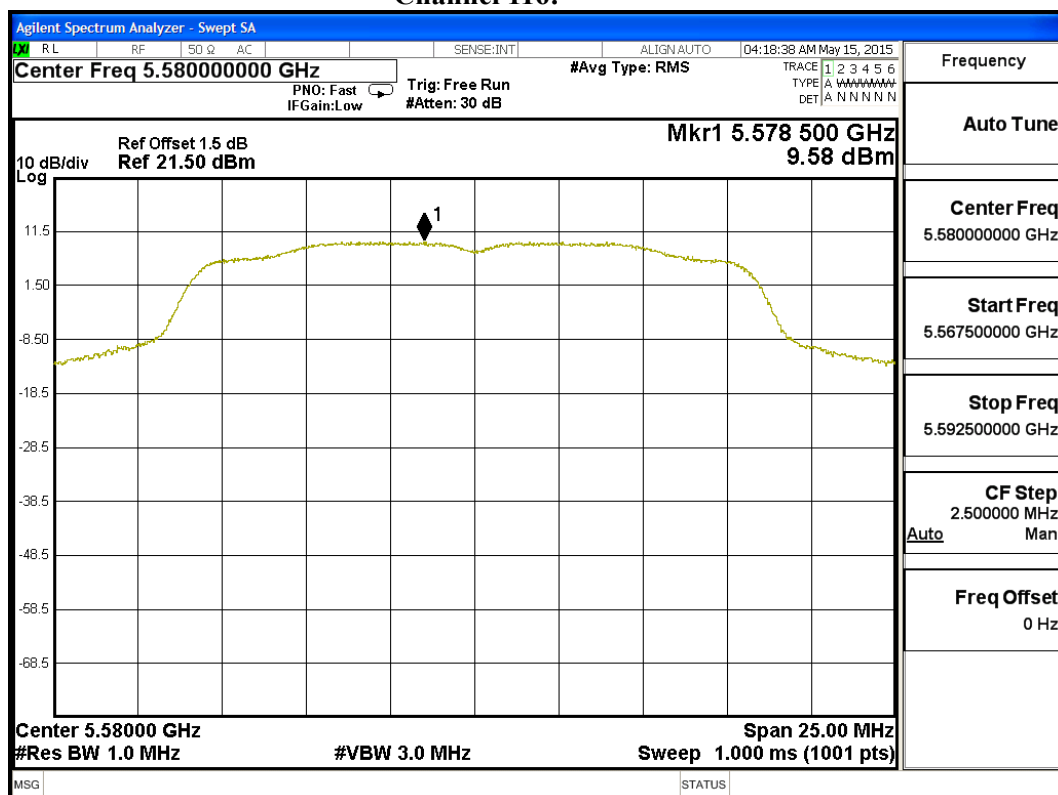
Channel 64:



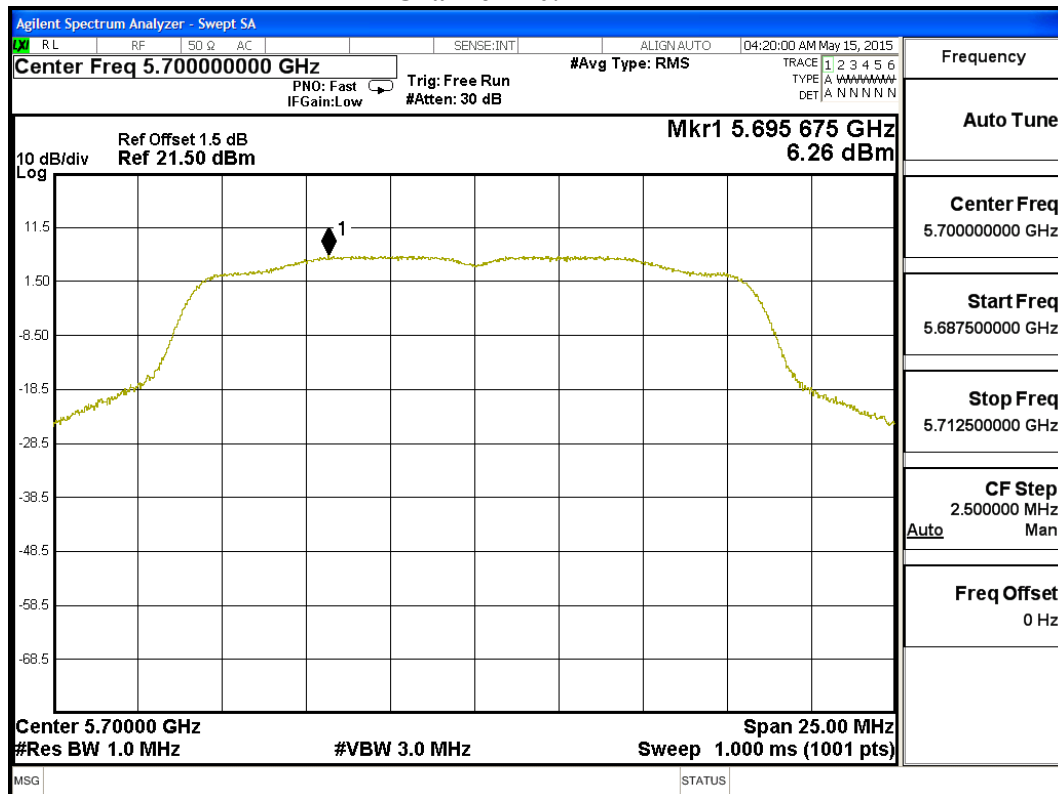
Channel 100:



Channel 116:



Channel 140:

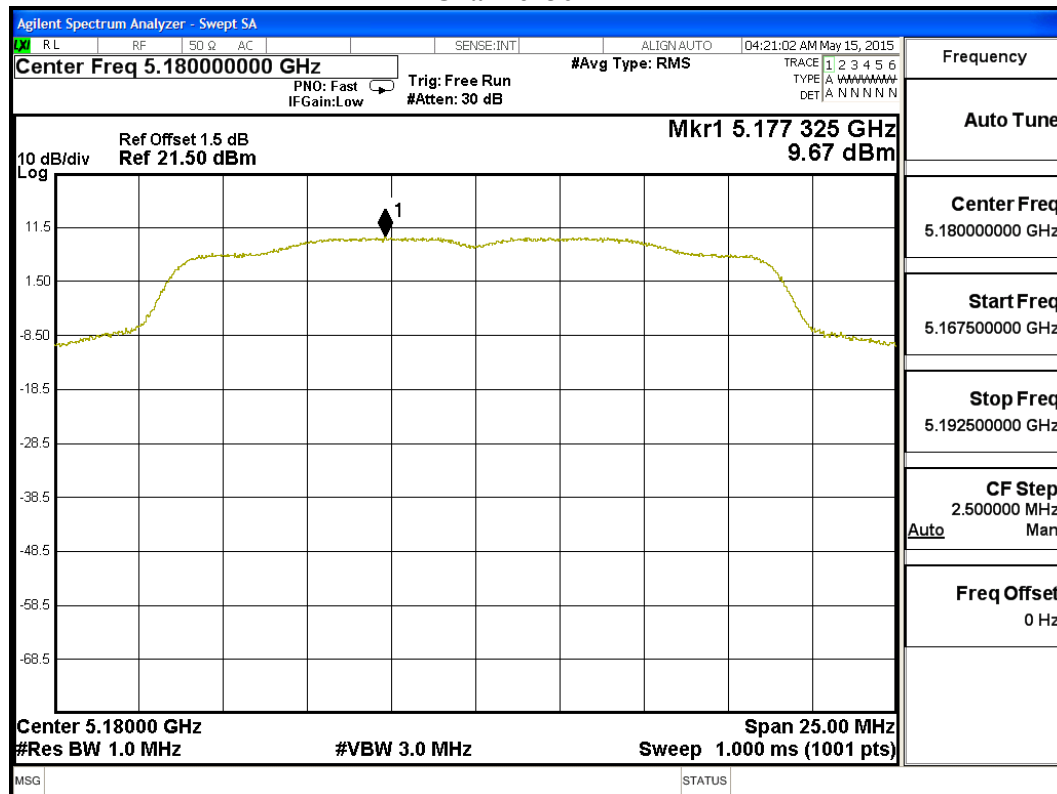


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps)

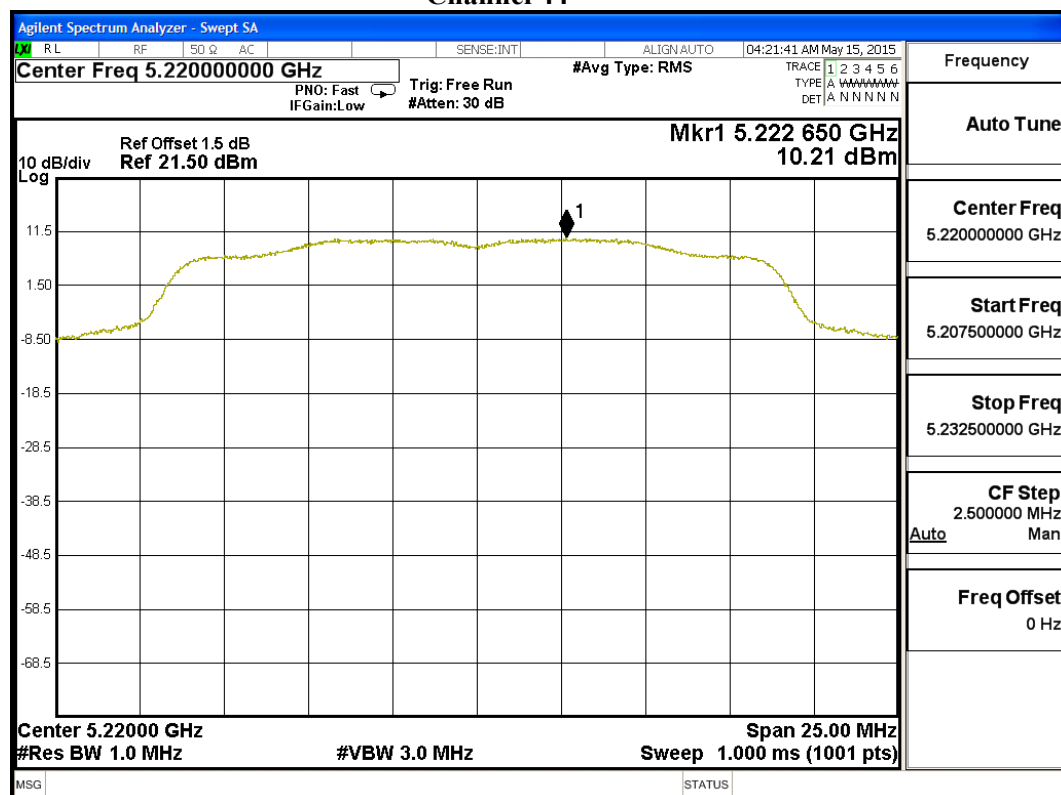
Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSP (dBm)	Required Limit (dBm)	Result
36	5180	7.2	9.670	0.09	9.750	<11	Pass
44	5220	7.2	10.210	0.09	10.300	<11	Pass
48	5240	7.2	10.020	0.09	10.100	<11	Pass
52	5260	7.2	9.910	0.09	10.000	<11	Pass
60	5300	7.2	10.080	0.09	10.160	<11	Pass
64	5320	7.2	9.970	0.09	10.050	<11	Pass
100	5500	7.2	7.280	0.09	7.360	<11	Pass
116	5580	7.2	9.770	0.09	9.860	<11	Pass
140	5700	7.2	6.070	0.09	6.160	<11	Pass

Note: Total PPSP = PPSP value + Duty Factor

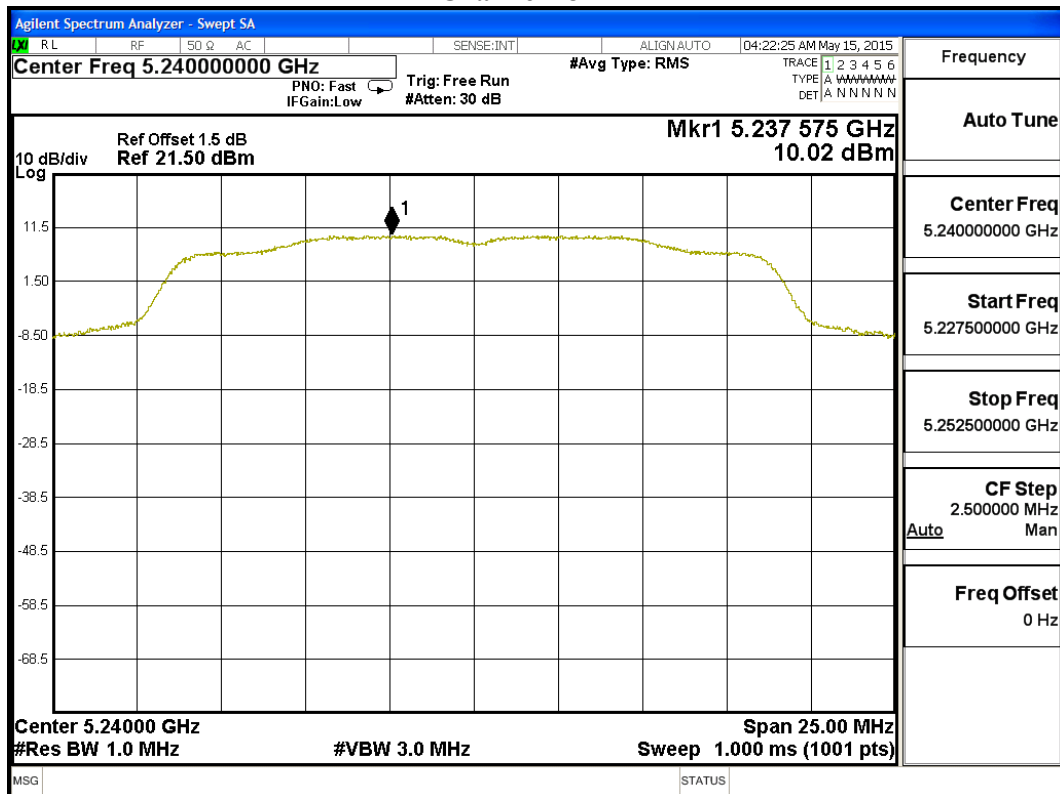
Channel 36



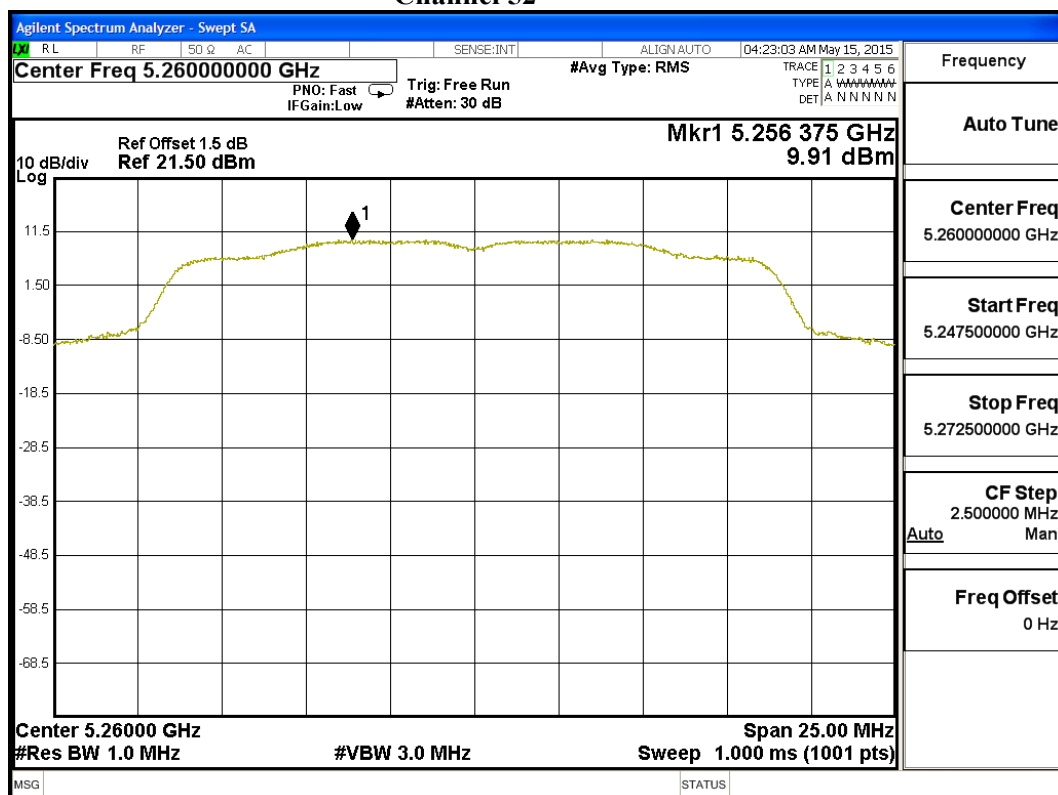
Channel 44



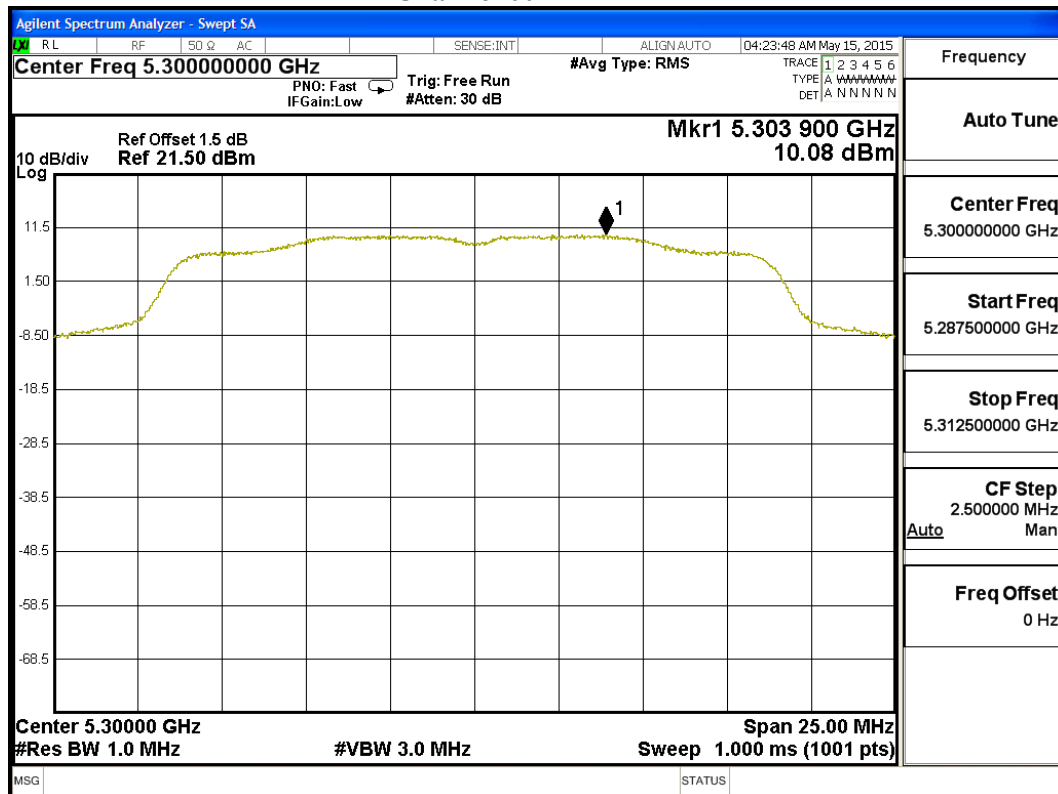
Channel 48



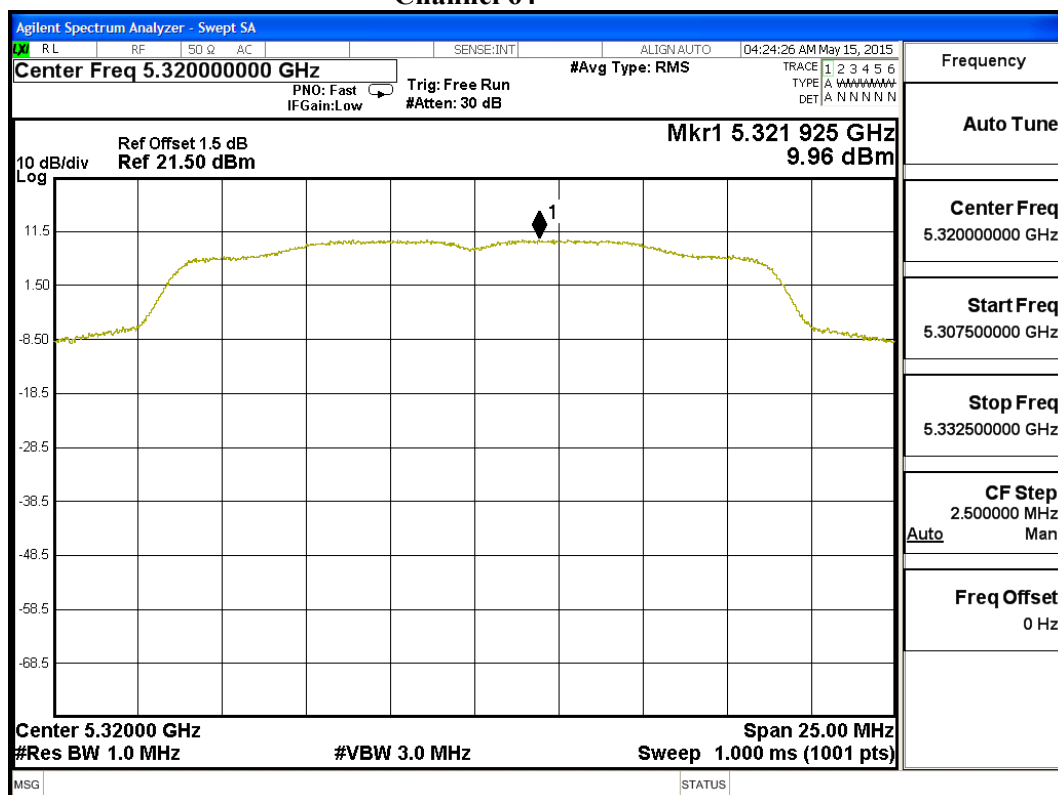
Channel 52



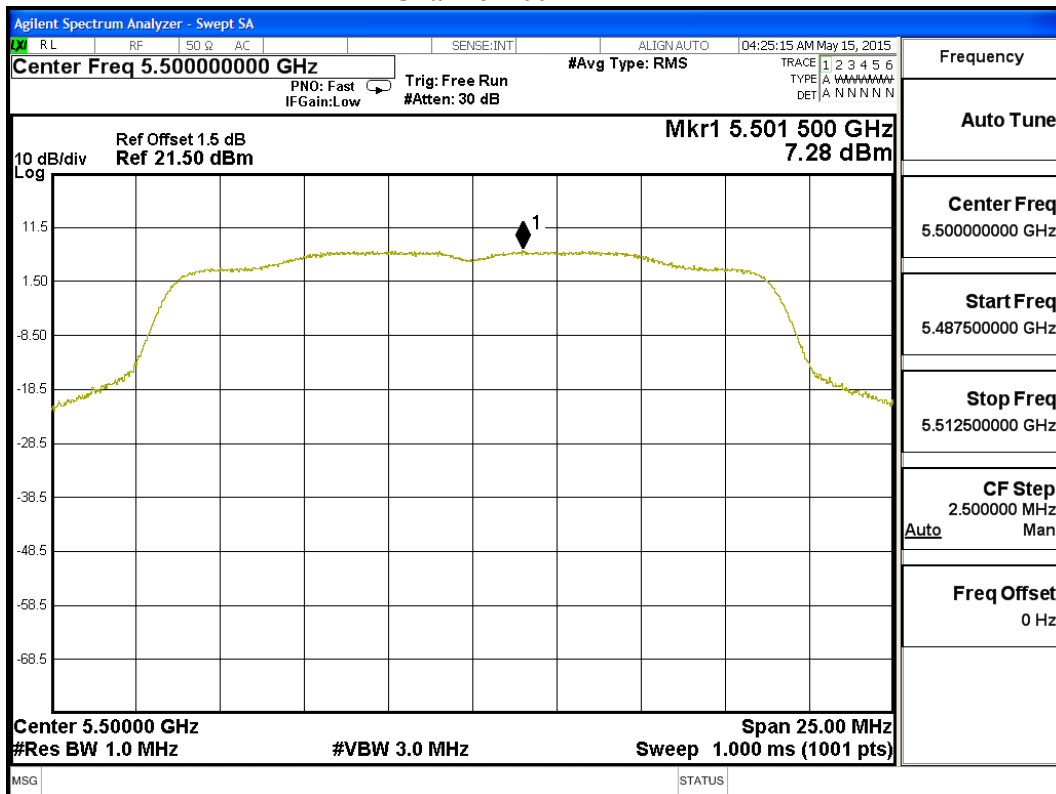
Channel 60



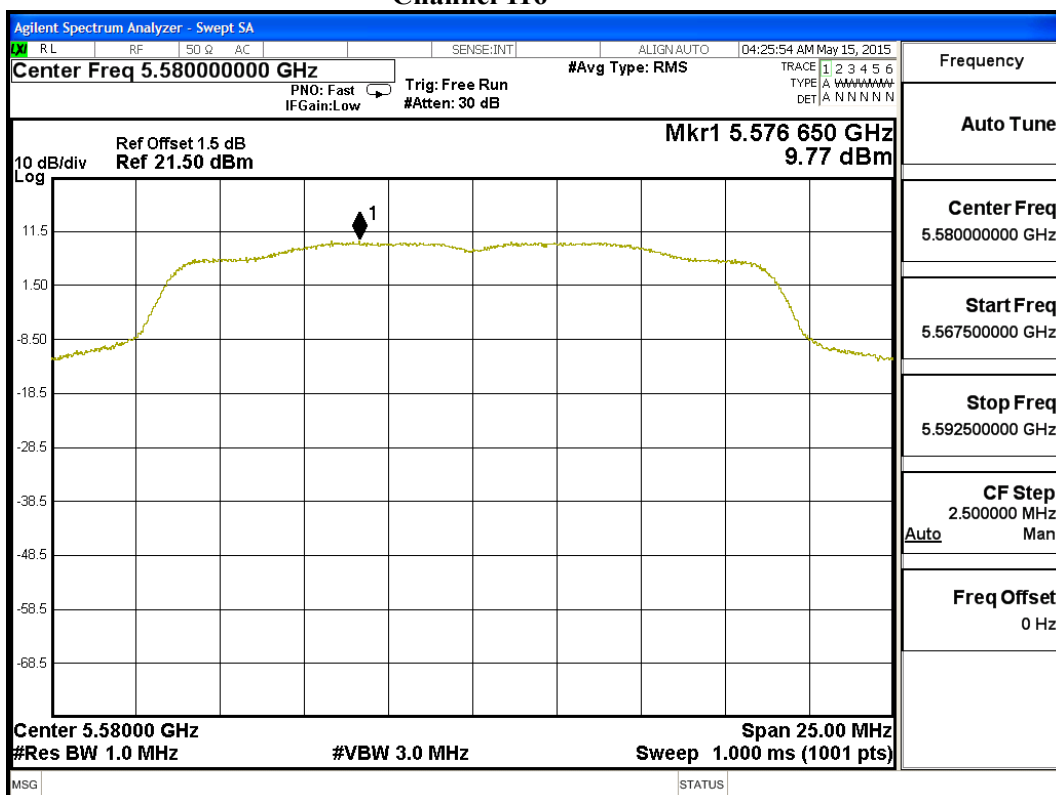
Channel 64



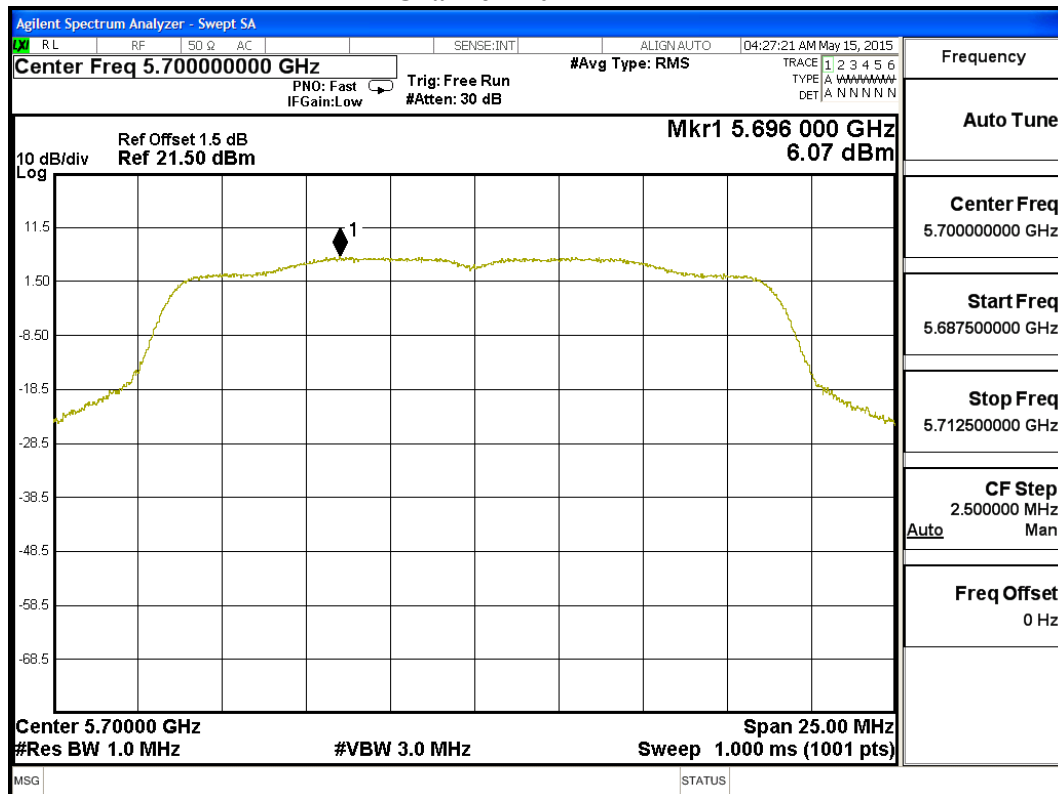
Channel 100



Channel 116



Channel 140

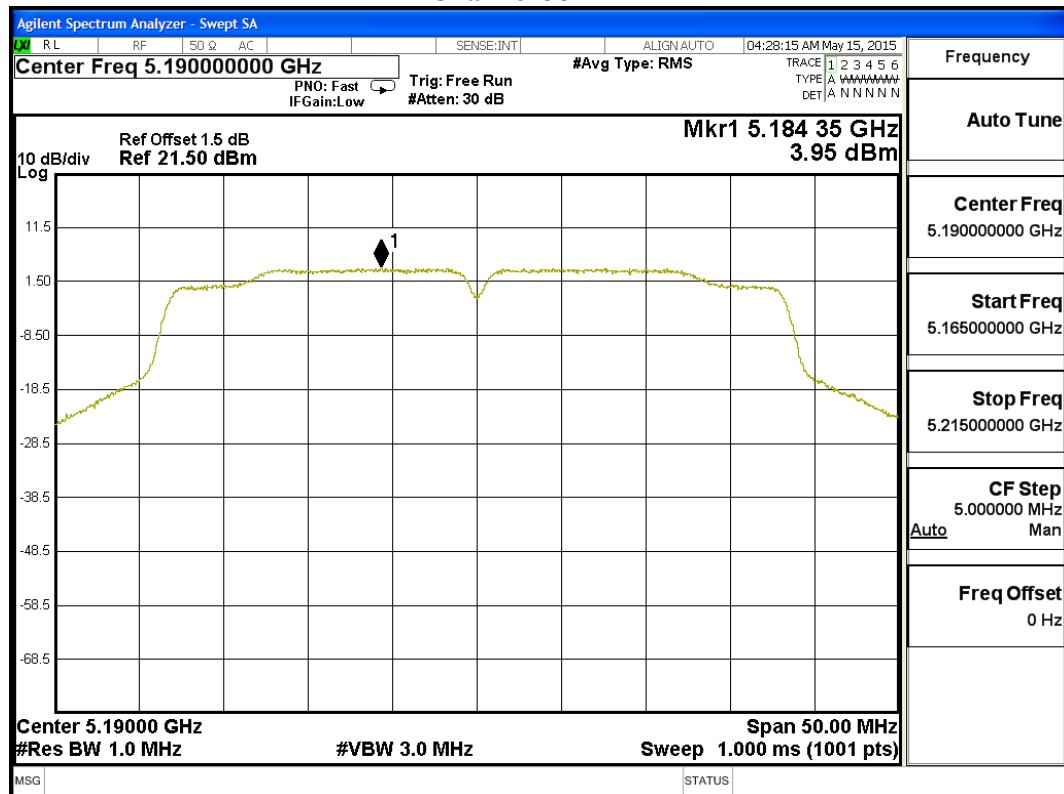


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps)

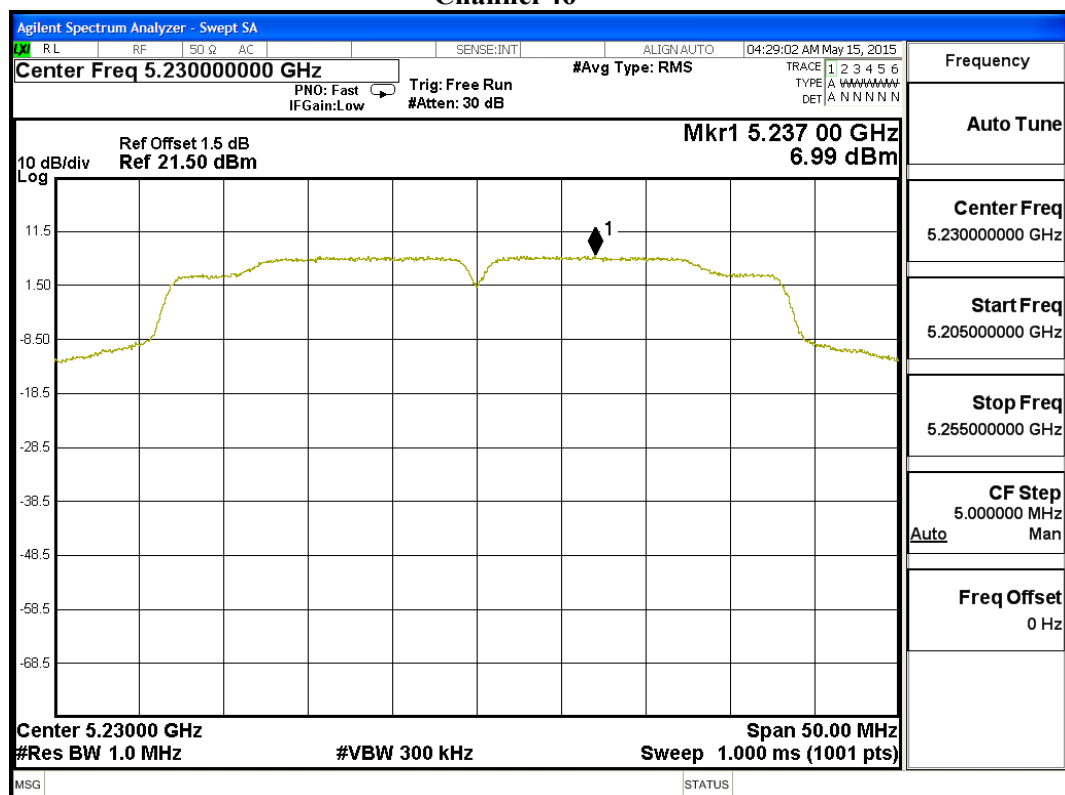
Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
38	5190	15	3.950	0.15	4.100	<11	Pass
46	5230	15	6.990	0.15	7.140	<11	Pass
54	5270	15	7.811	0.15	7.961	<11	Pass
62	5310	15	1.961	0.15	2.111	<11	Pass
102	5510	15	1.037	0.15	1.187	<11	Pass
110	5550	15	6.920	0.15	7.070	<11	Pass
134	5670	15	4.900	0.15	5.050	<11	Pass

Note: Total PPSD = PPSD value + Duty Factor

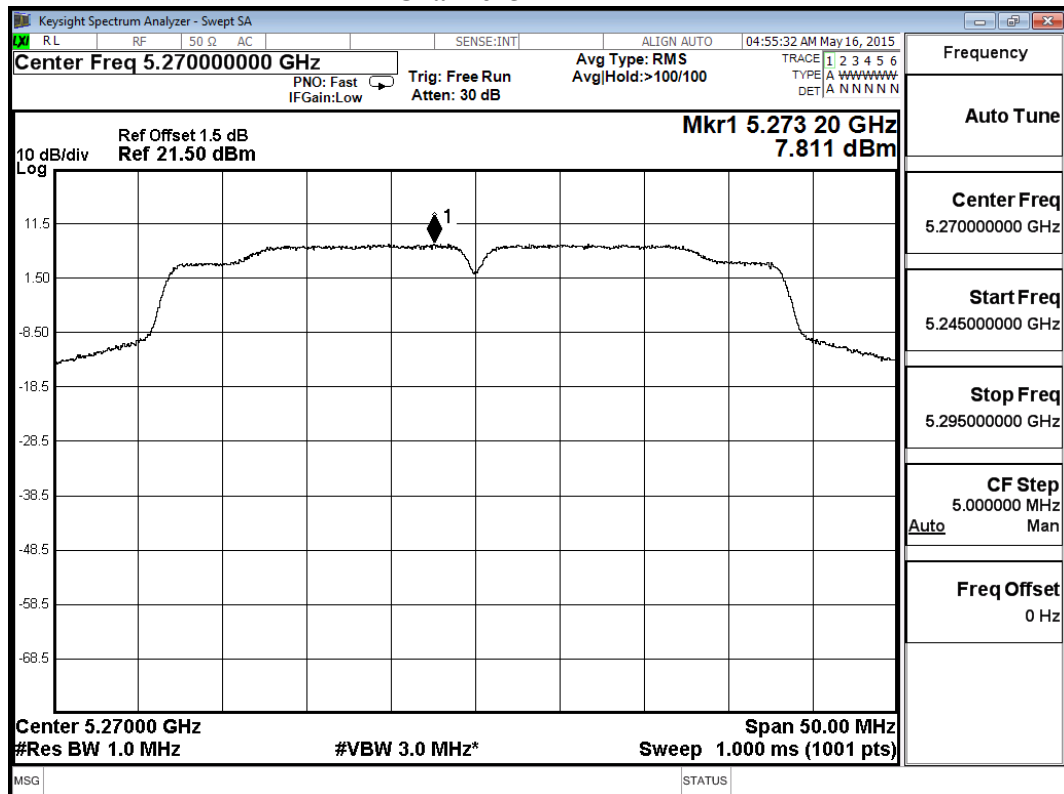
Channel 38



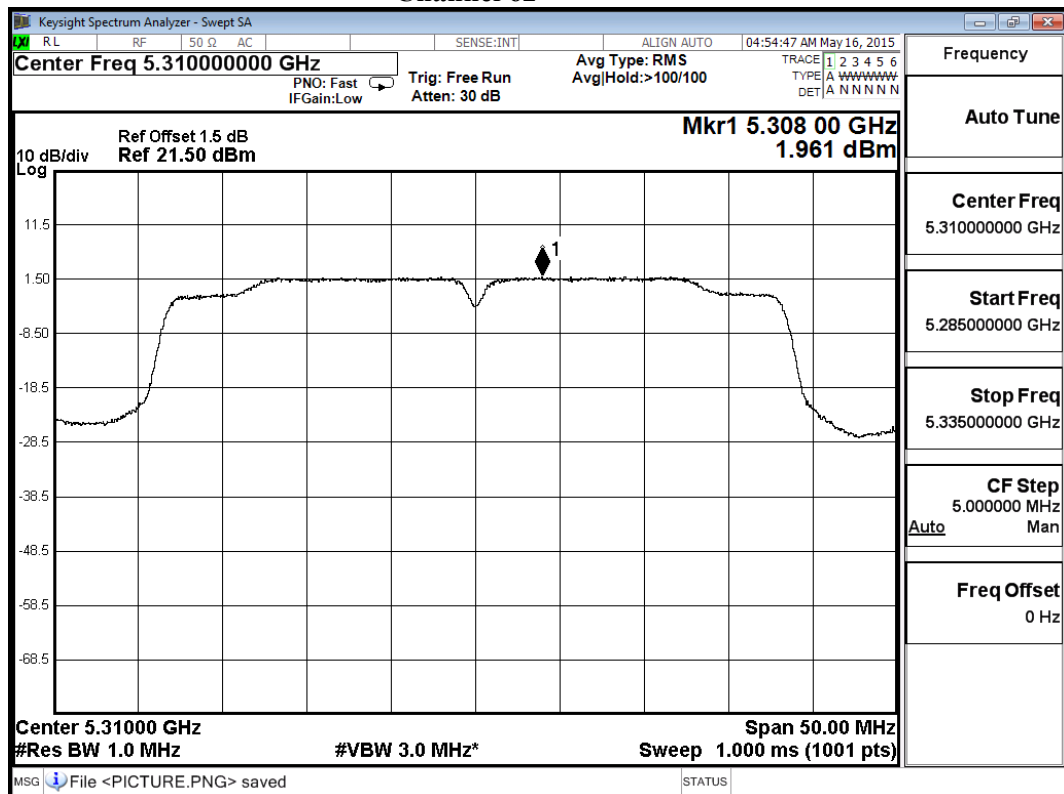
Channel 46



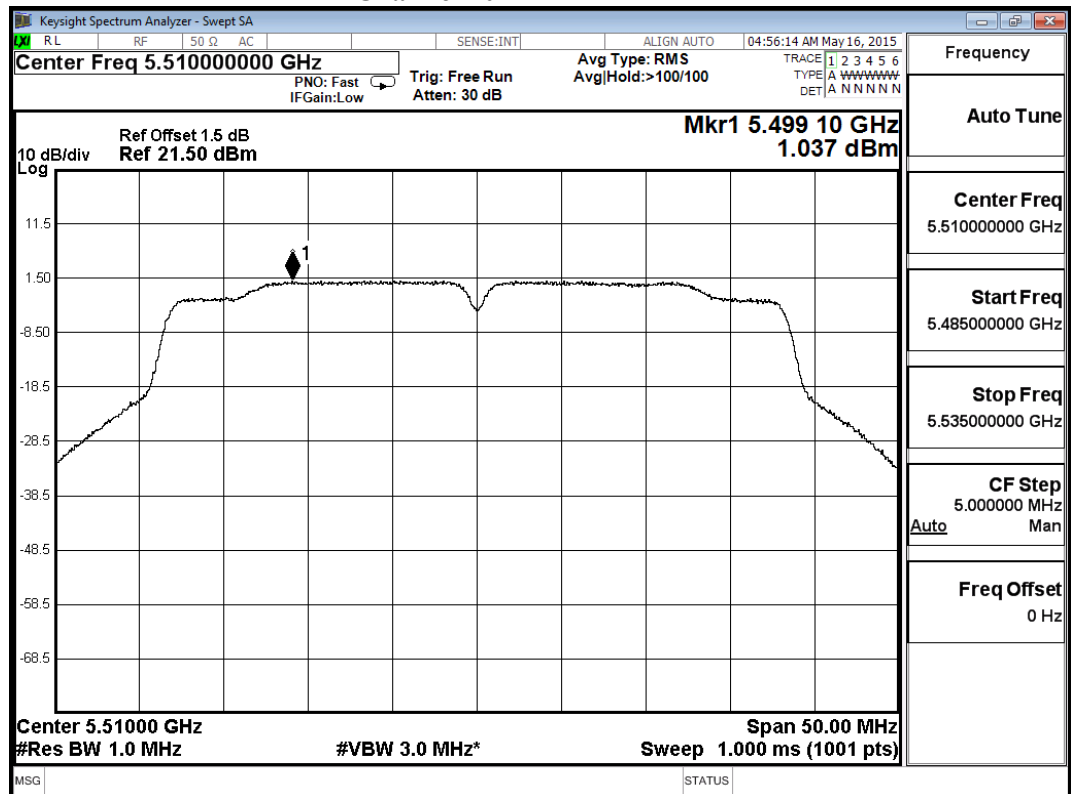
Channel 54



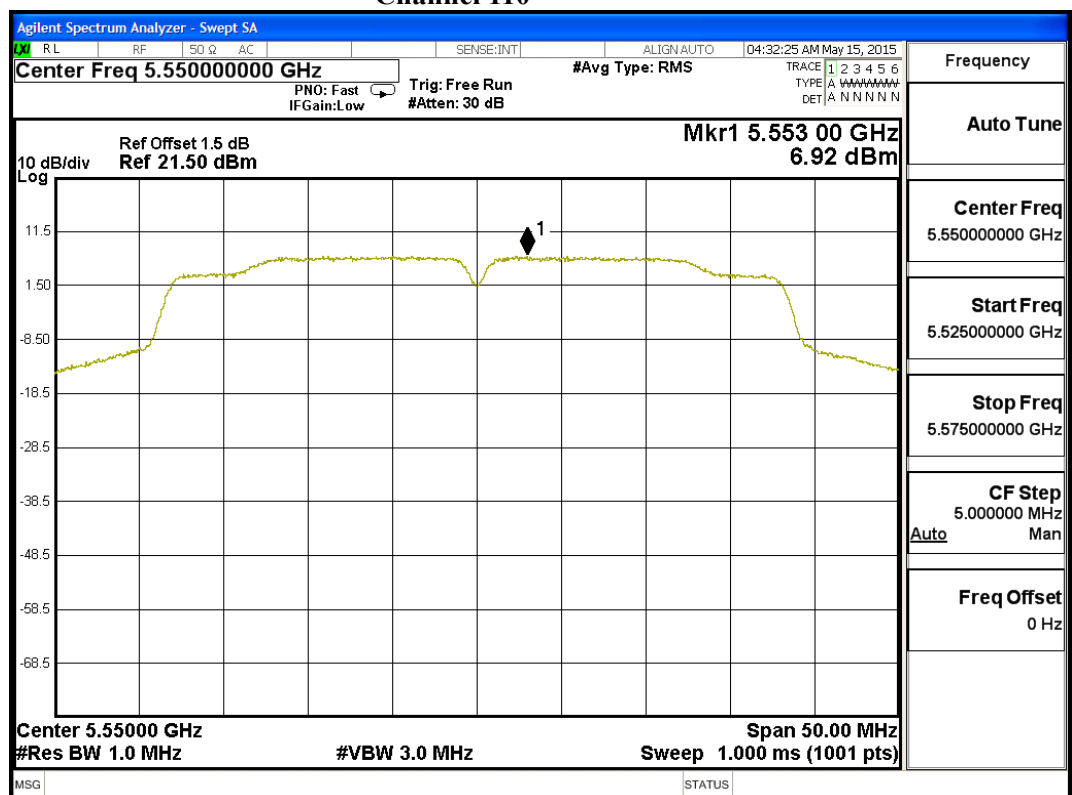
Channel 62



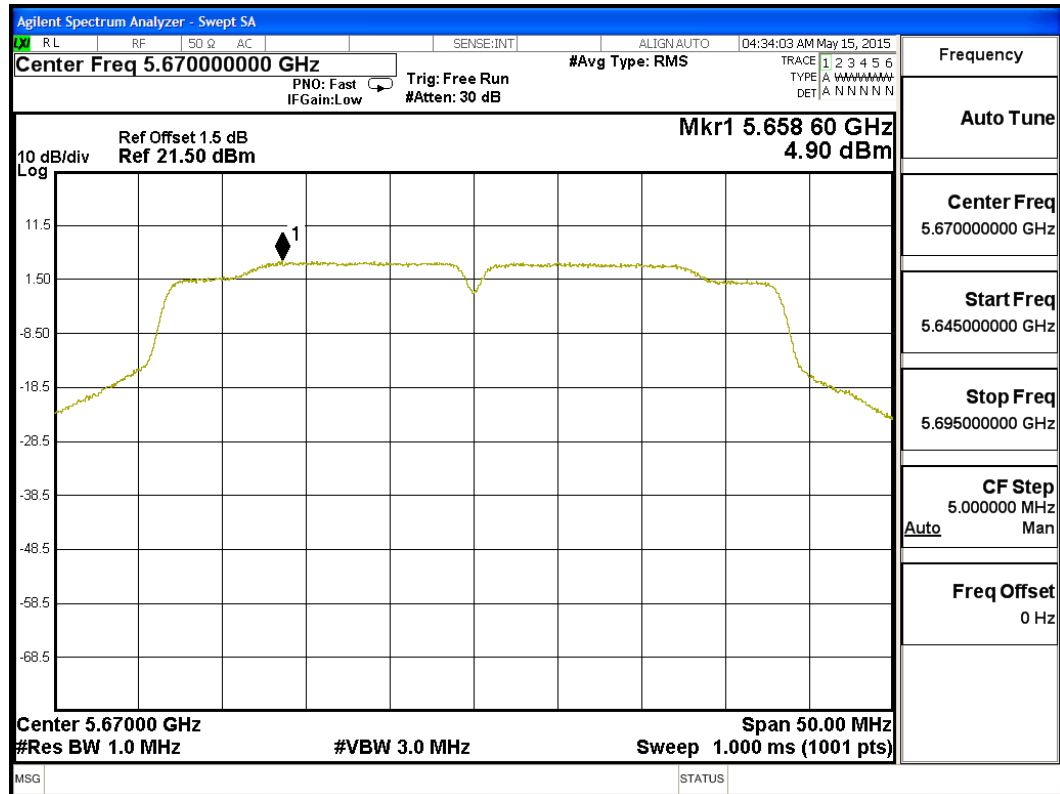
Channel 102



Channel 110



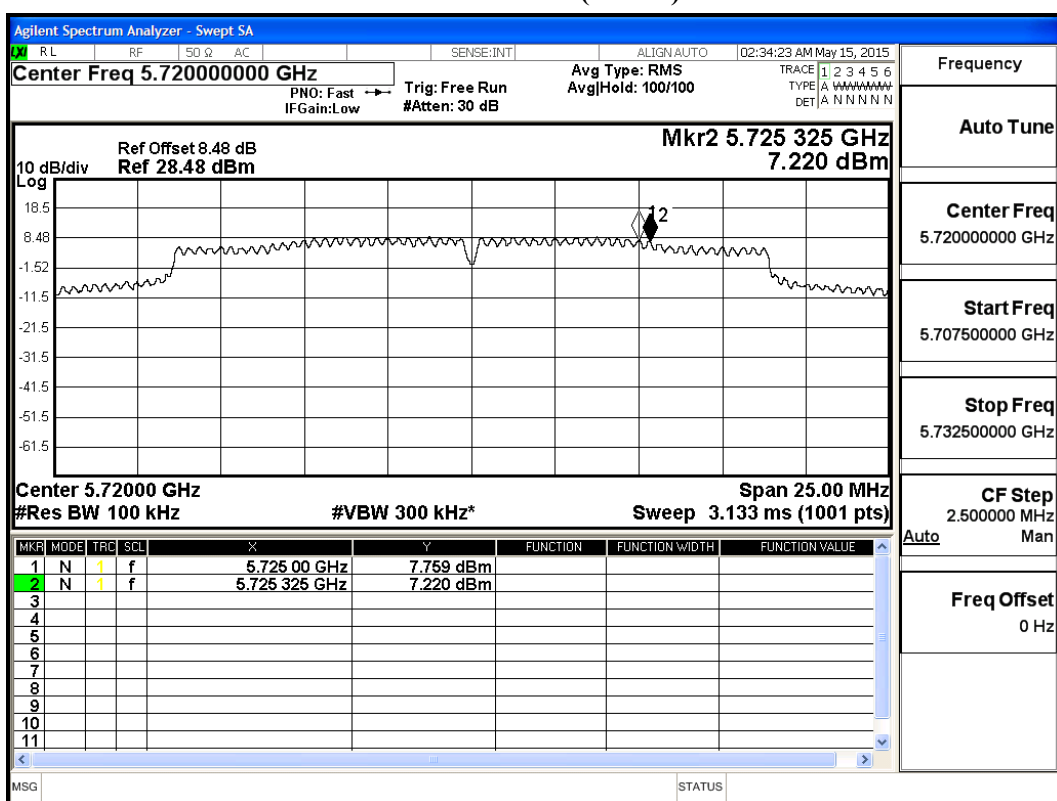
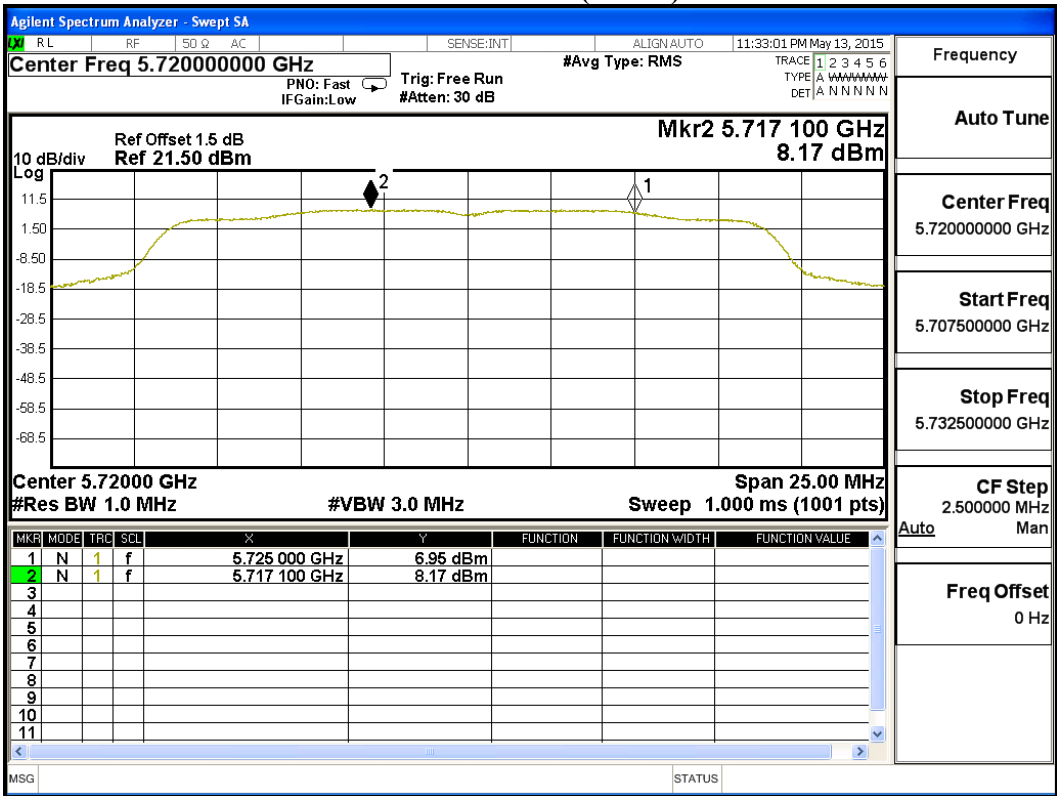
Channel 134



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: 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)	8.170	--	0.09	8.260	<11	Pass
144	5720(Band4)	7.220	6.98	0.09	14.290	<30	Pass

Note: Total PPSD = PPSD value + Duty Factor

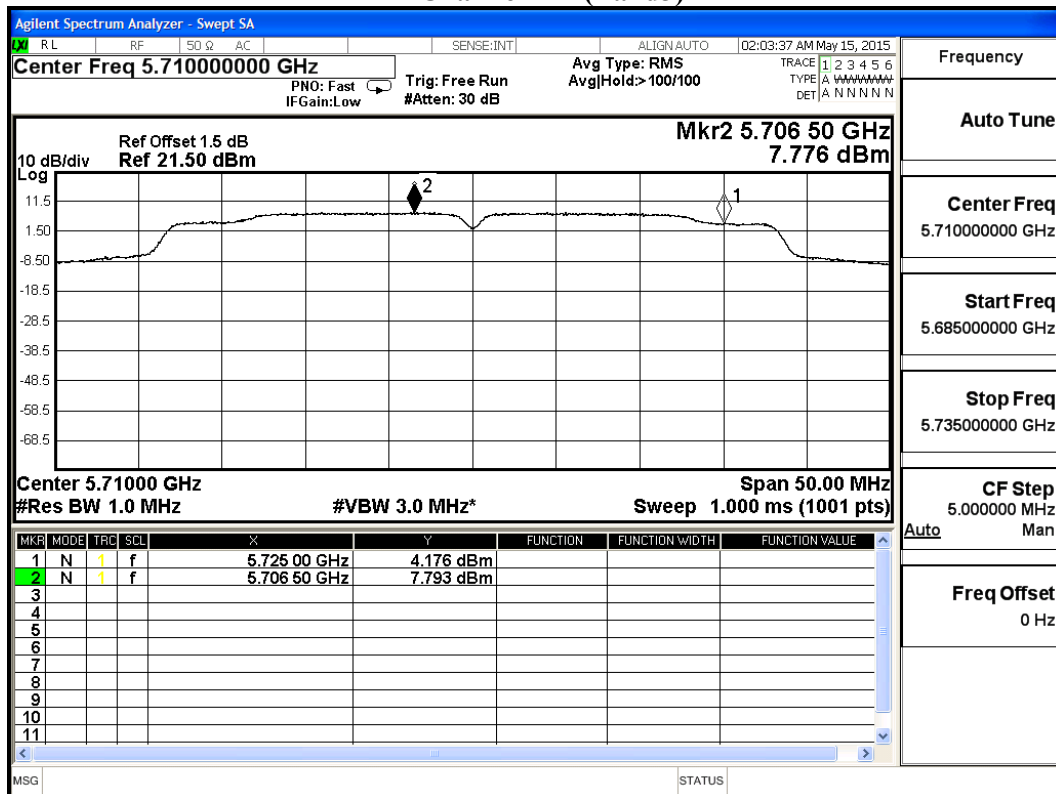


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-40BW-15Mbps)

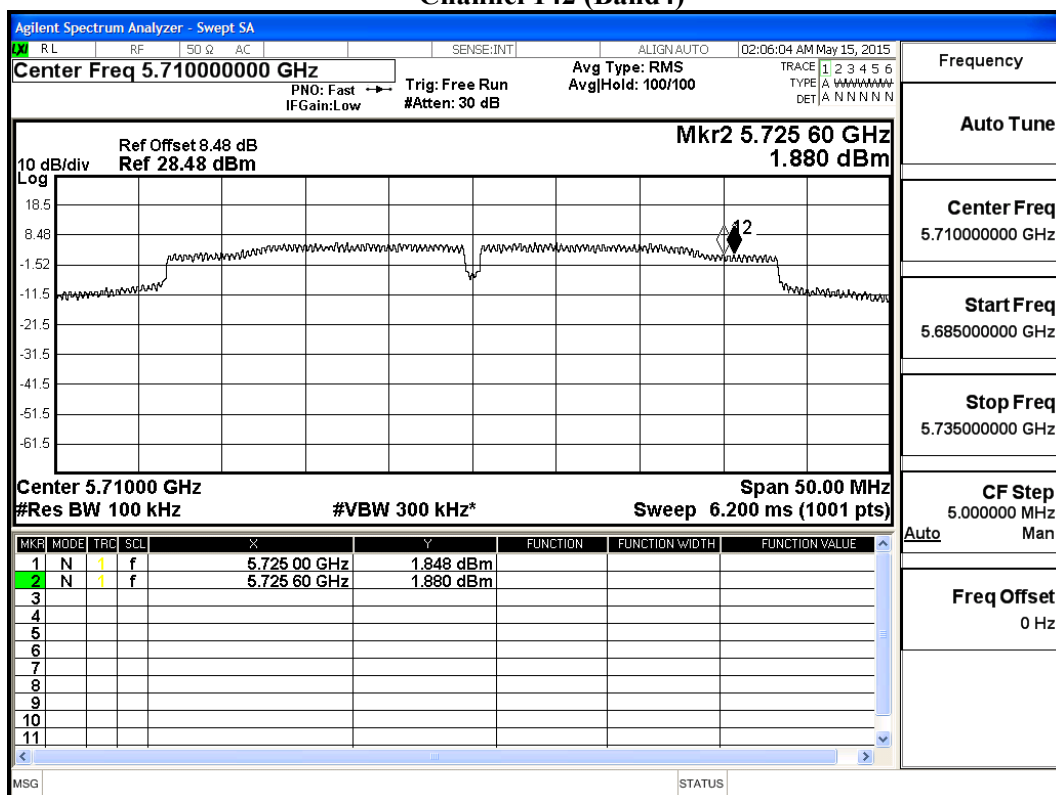
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
142	5710(Band3)	7.760	--	0.15	7.910	<11	Pass
142	5710(Band4)	1.880	6.98	0.15	9.010	<30	Pass

Note: Total PPSD = PPSD value + Duty Factor

Channel 142 (Band3)



Channel 142 (Band4)

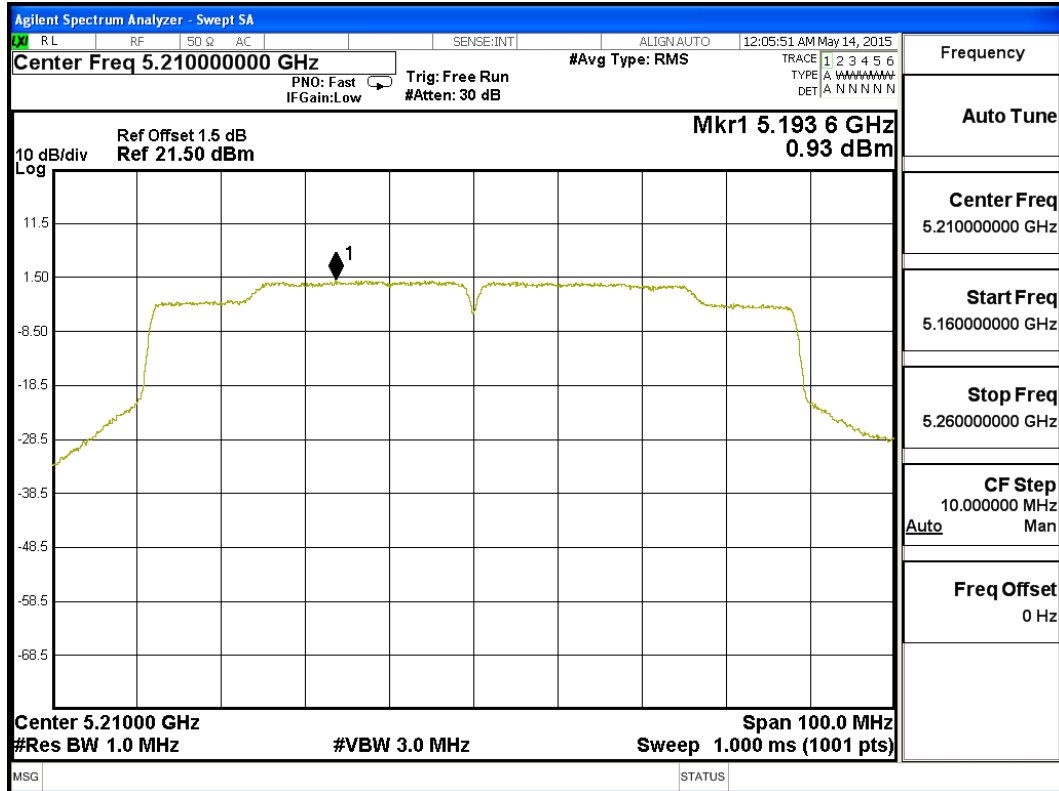


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

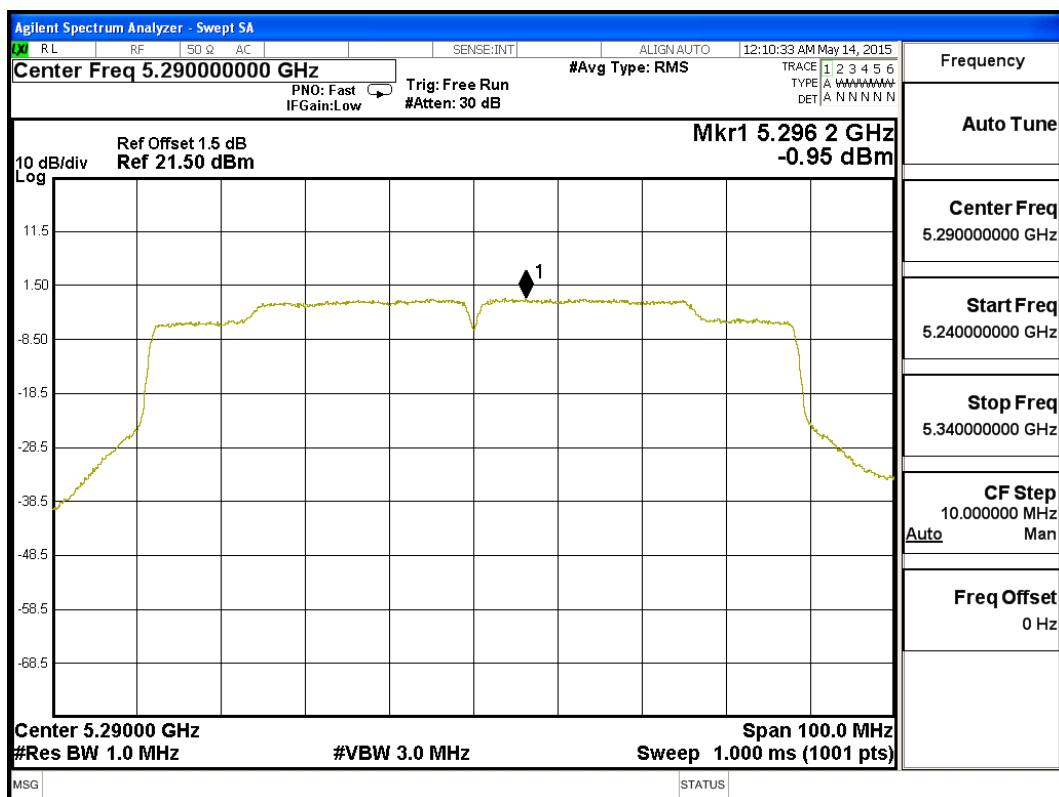
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
42	5210	0.930	--	0.31	1.240	<11	Pass
58	5290	-0.950	--	0.31	-0.640	<11	Pass
106	5530	-1.930	--	0.31	-1.620	<11	Pass
122	5610	-0.280	--	0.31	0.030	<11	Pass
138	5690 (Band3)	4.479	--	0.31	4.789	<11	Pass
138	5690 (Band4)	-3.000	6.98	0.31	4.290	<30	Pass

Note: Total PPSD = PPSD value + Duty Factor

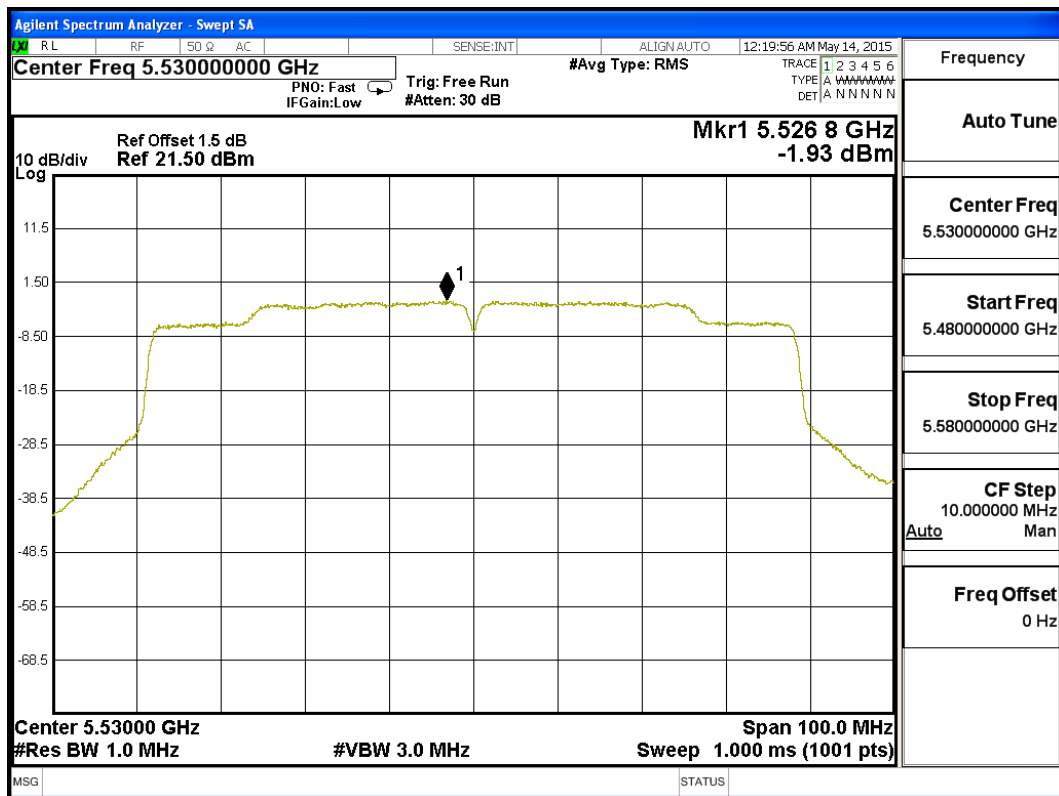
Channel 42



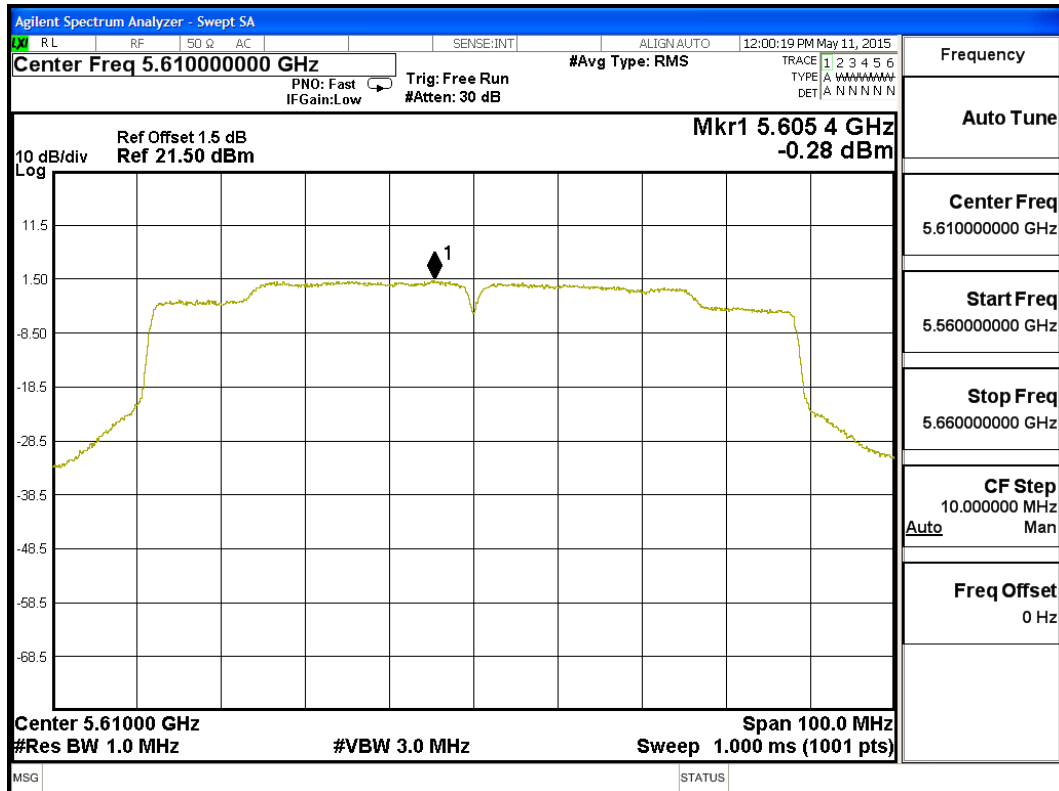
Channel 58



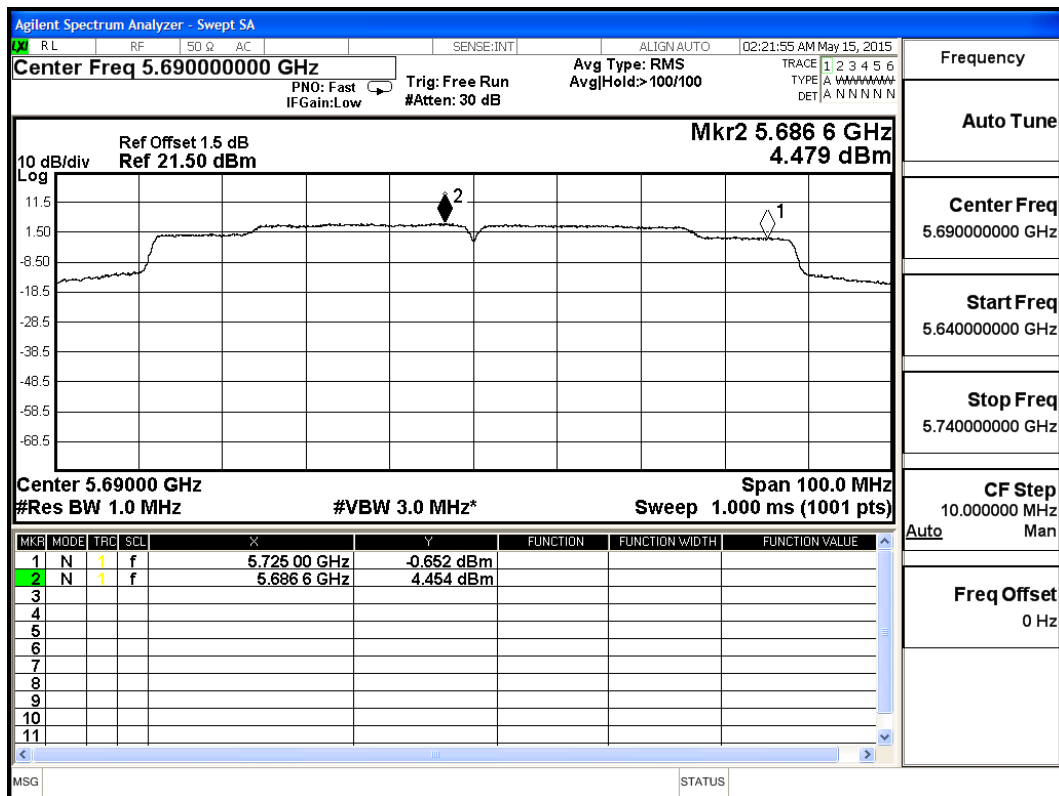
Channel 106



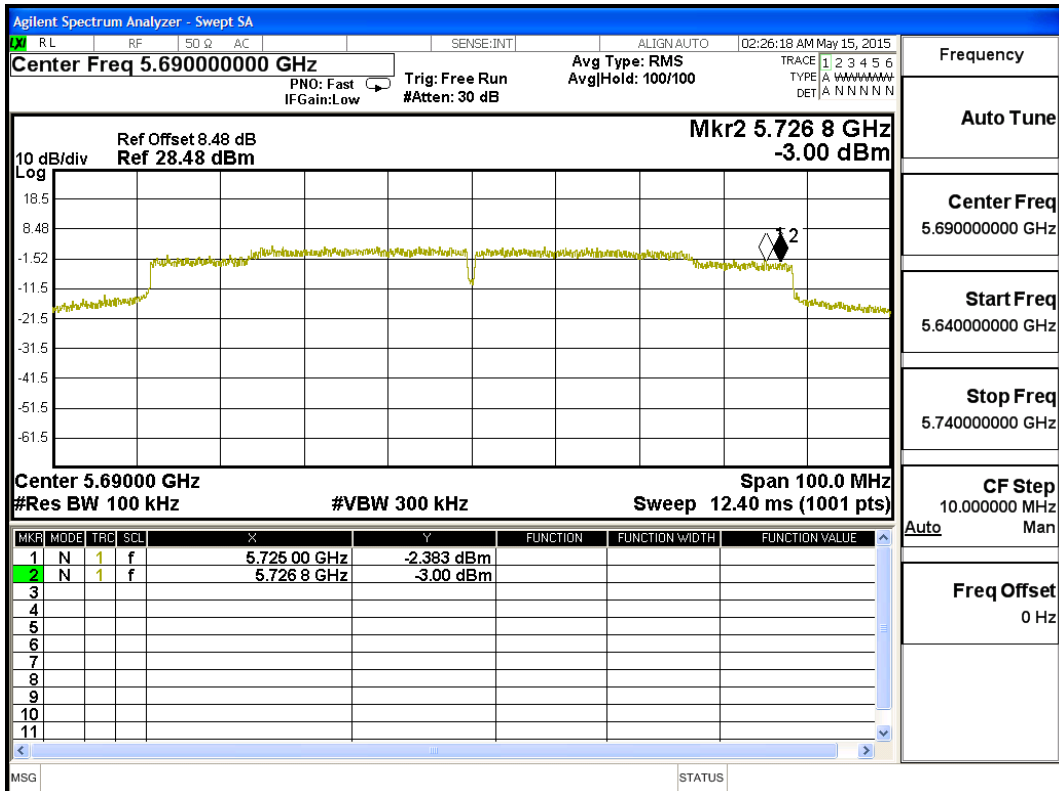
Channel 122



Channel 138 (Band3)



Channel 138 (Band4)

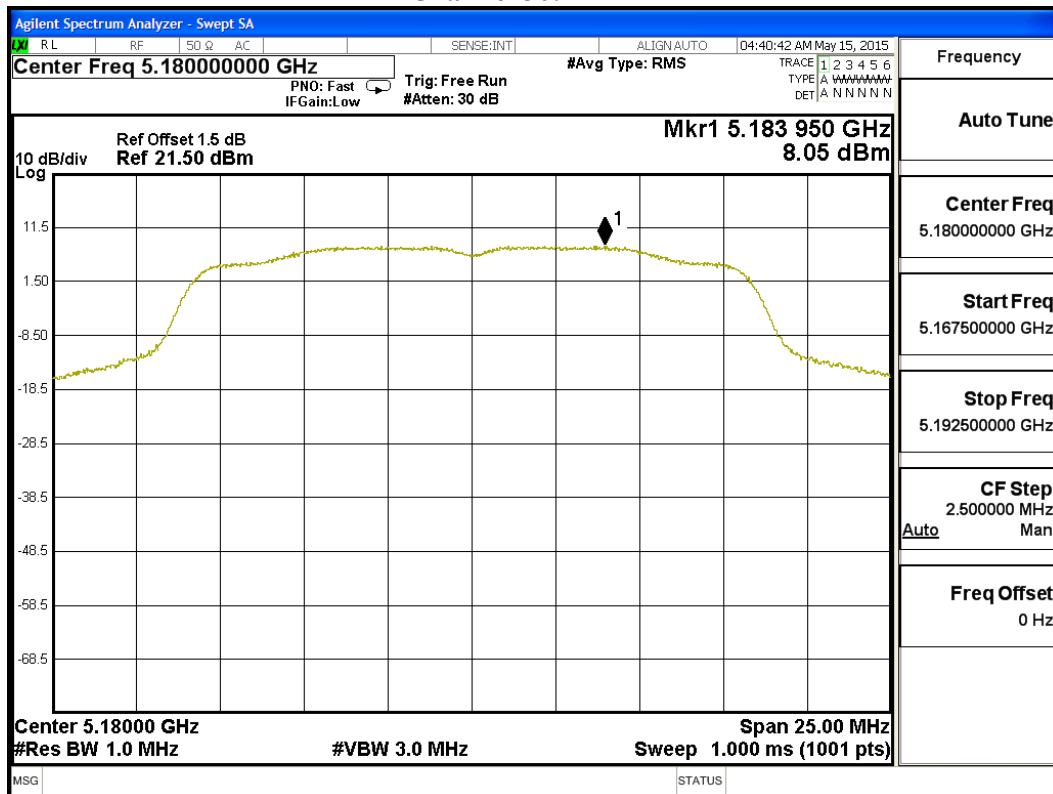


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)

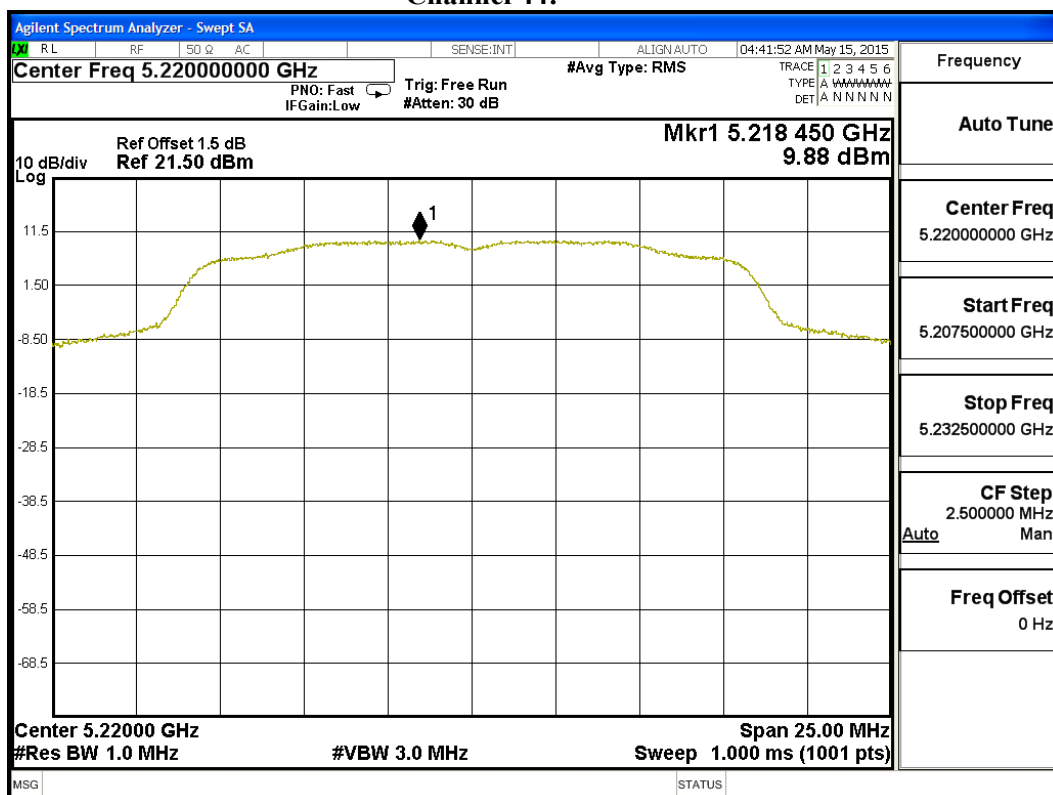
Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
36	5180	6	8.050	0.08	8.130	11	Pass
44	5220	6	9.880	0.08	9.960	11	Pass
48	5240	6	10.290	0.08	10.370	11	Pass
52	5260	6	10.320	0.08	10.400	11	Pass
60	5300	6	10.010	0.08	10.090	11	Pass
64	5320	6	6.090	0.08	6.170	11	Pass
100	5500	6	7.890	0.08	7.970	11	Pass
116	5580	6	10.570	0.08	10.650	11	Pass
140	5700	6	7.960	0.08	8.040	11	Pass

Note: Total PSD = PSD value + Duty Factor

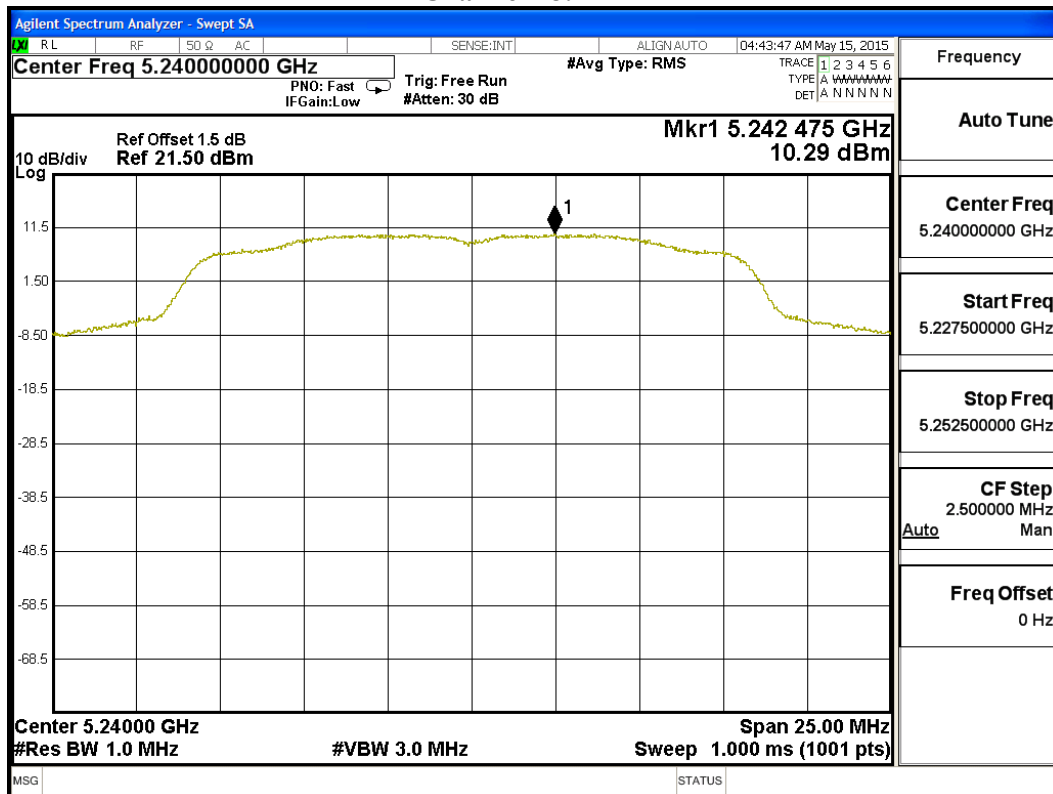
Channel 36:



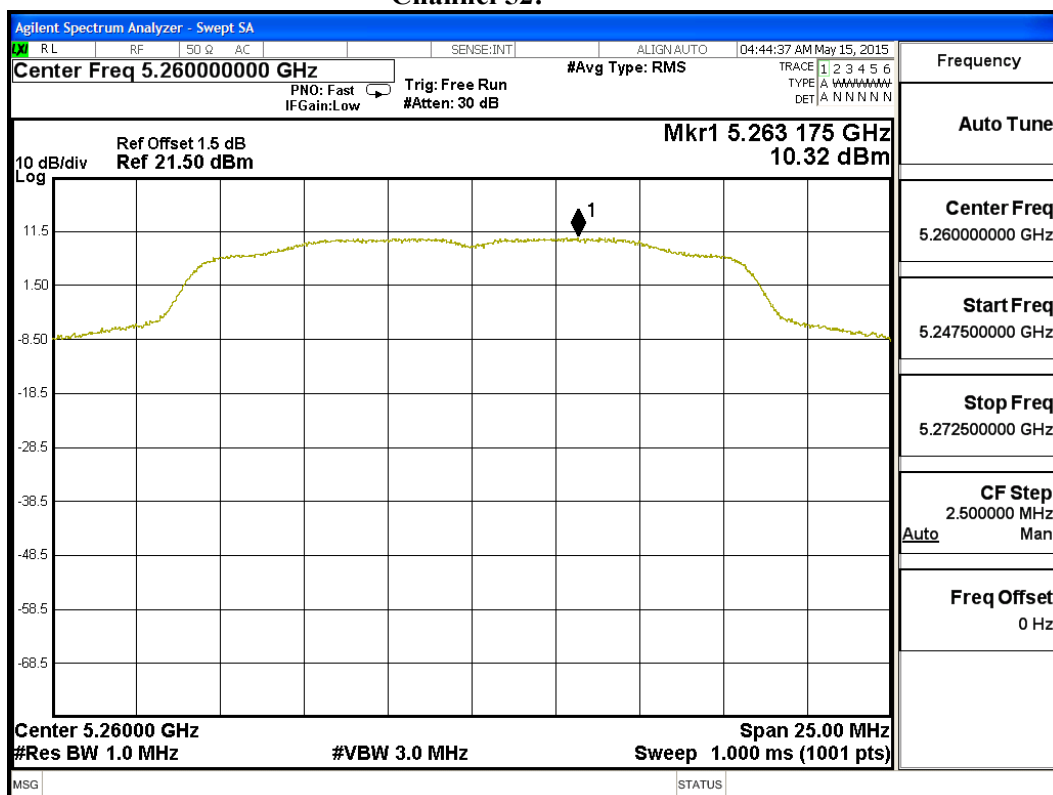
Channel 44:



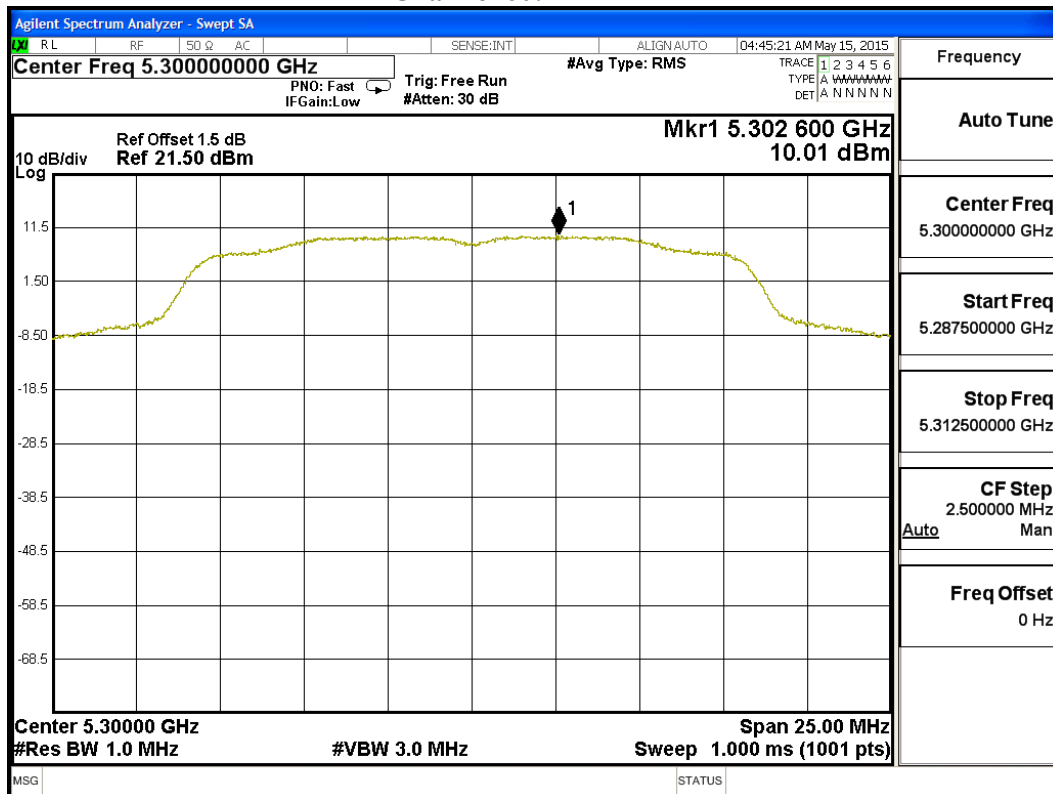
Channel 48:



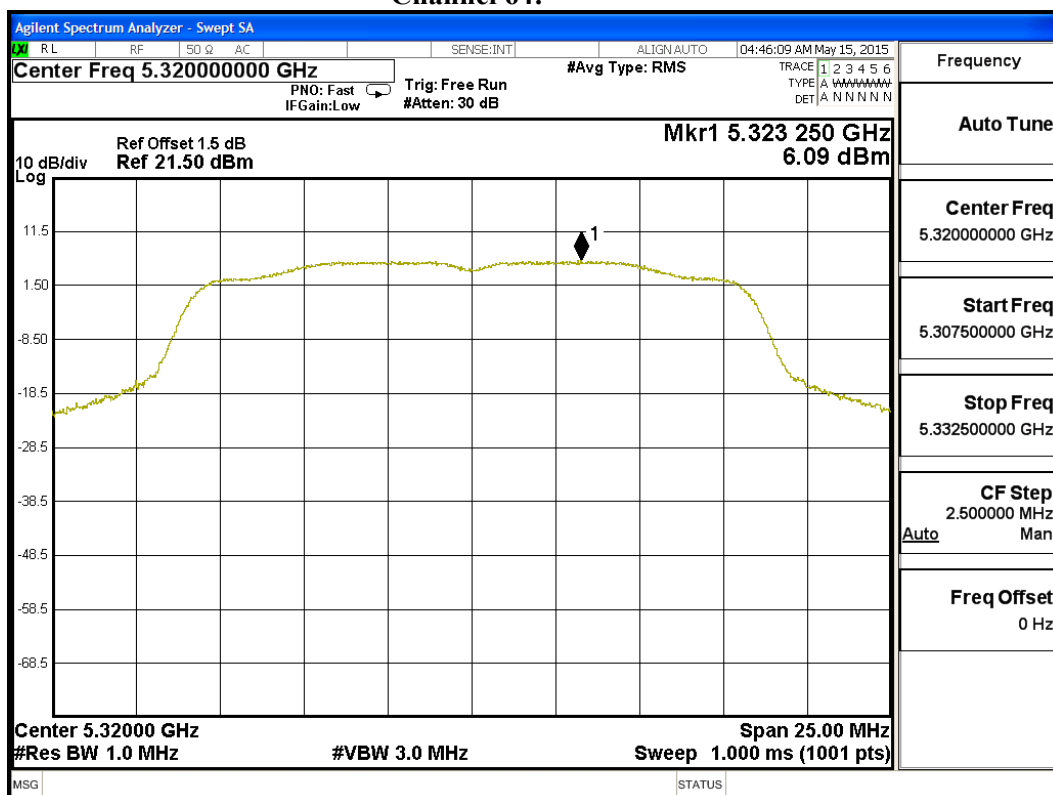
Channel 52:



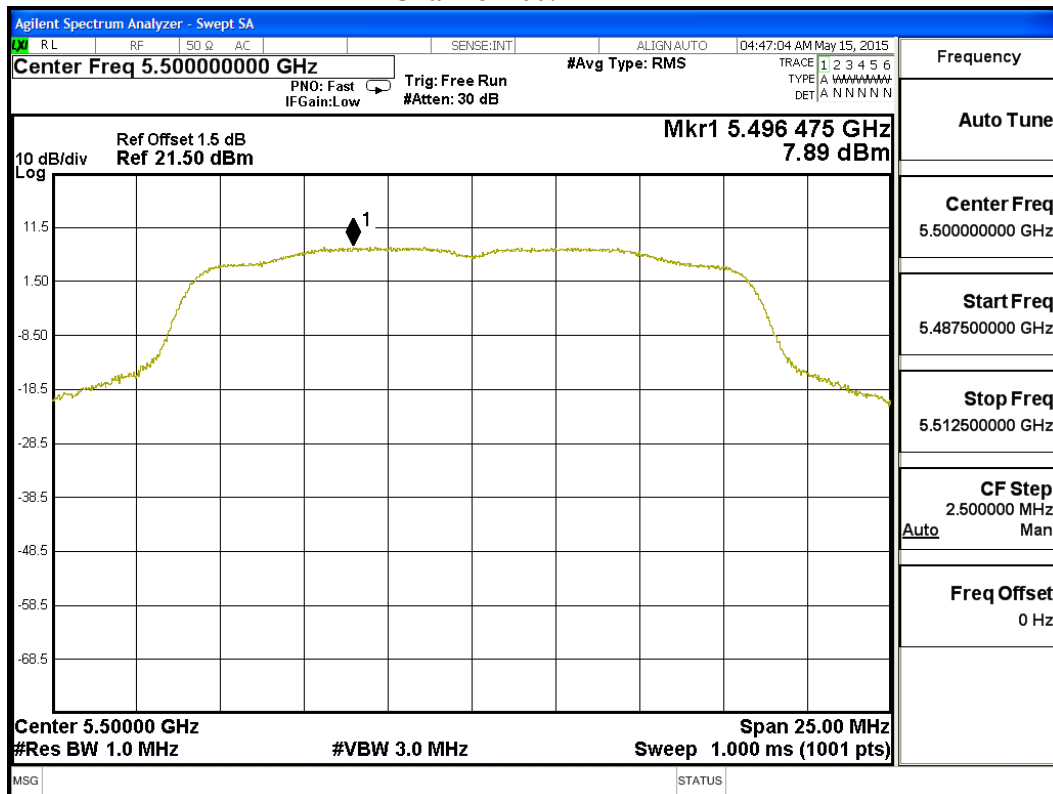
Channel 60:



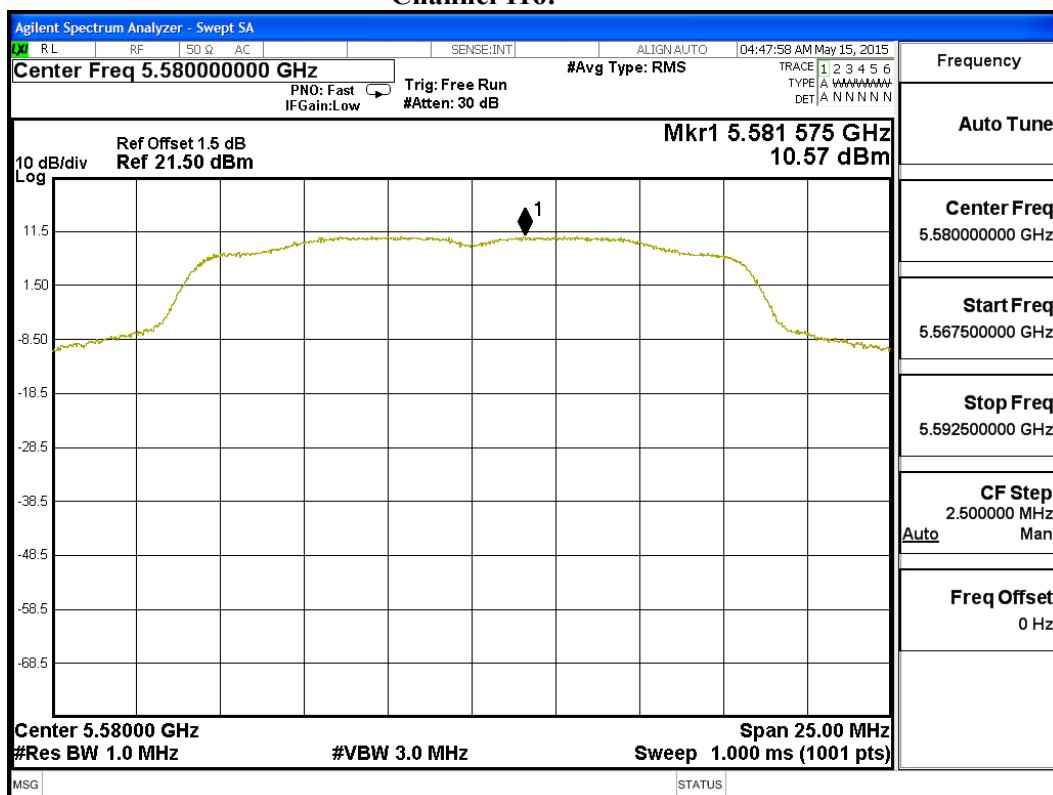
Channel 64:



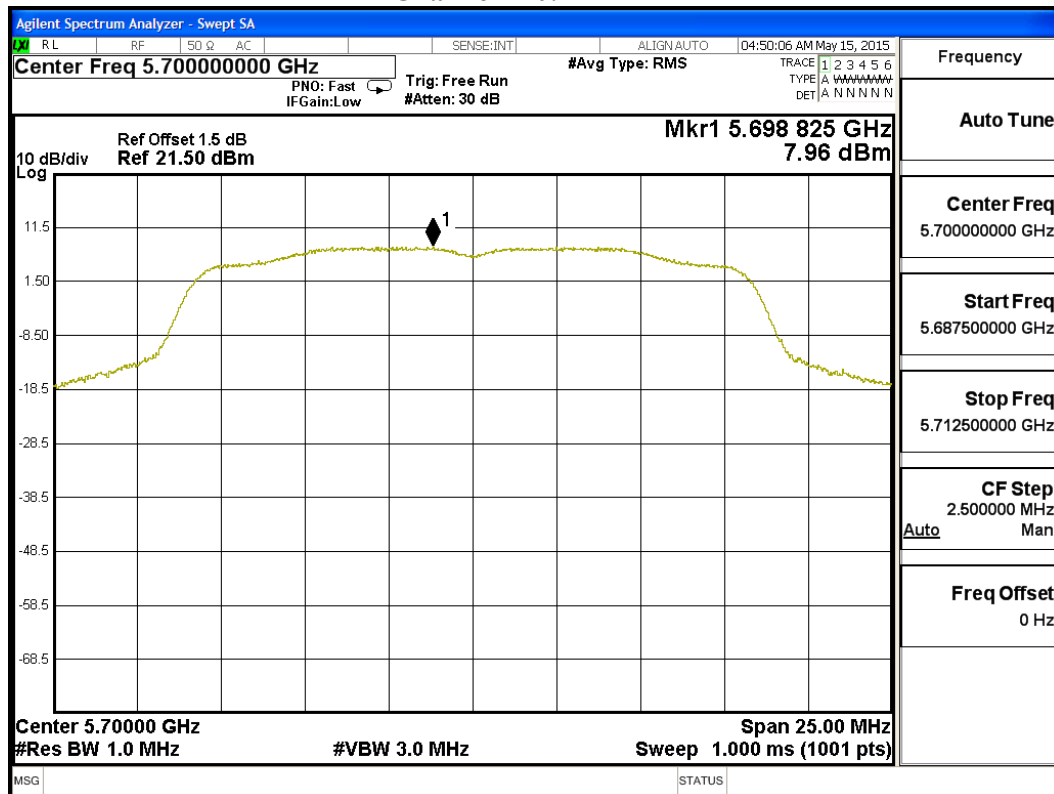
Channel 100:



Channel 116:



Channel 140:

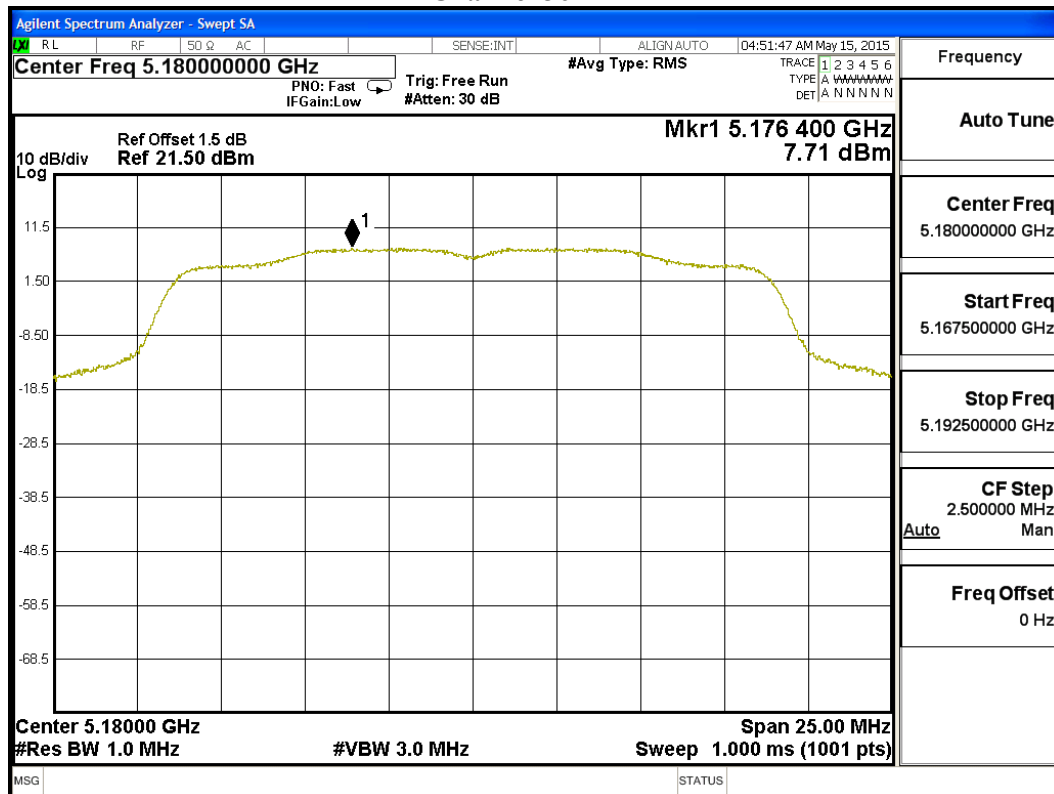


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps)

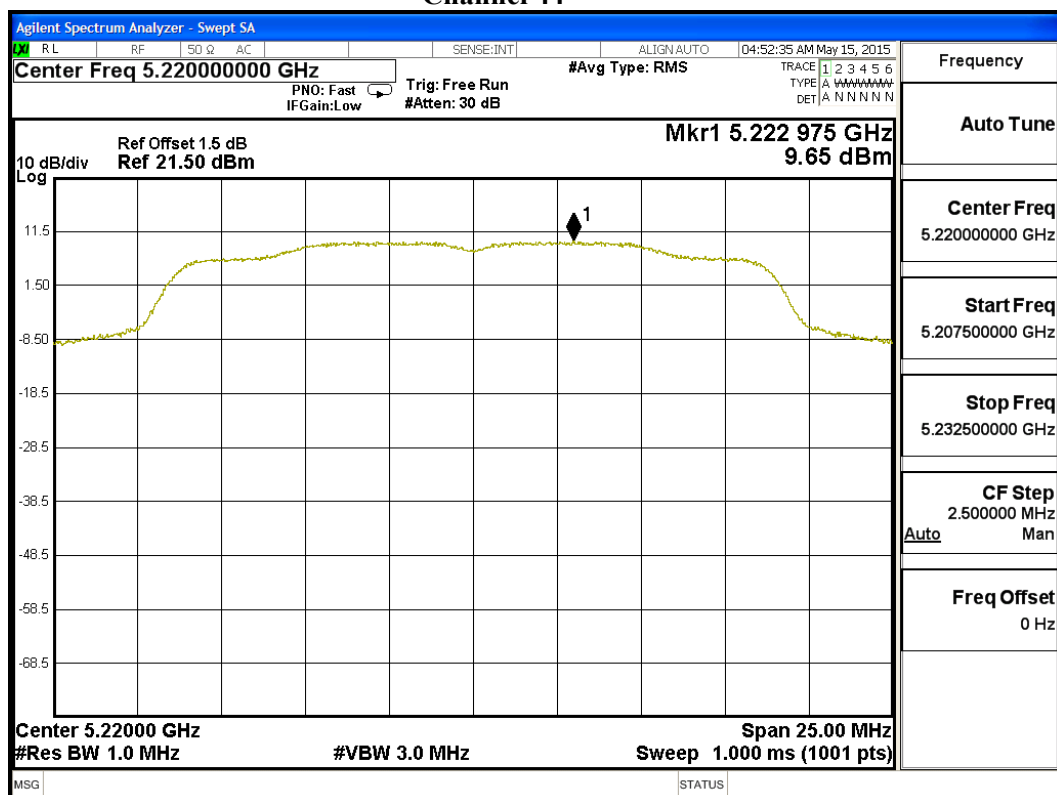
Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
36	5180	7.2	7.710	0.09	7.800	11	Pass
44	5220	7.2	9.650	0.09	9.730	11	Pass
48	5240	7.2	9.870	0.09	9.950	11	Pass
52	5260	7.2	10.290	0.09	10.370	11	Pass
60	5300	7.2	9.660	0.09	9.740	11	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 PSD = PSD value + Duty Factor

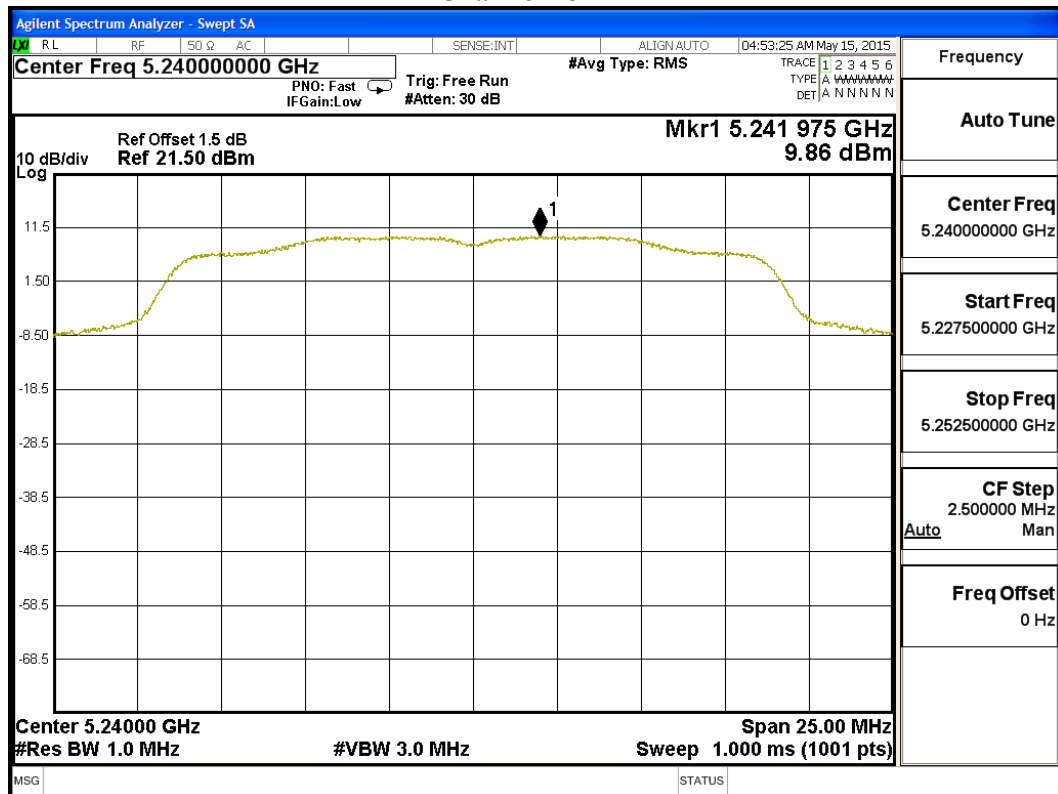
Channel 36



Channel 44



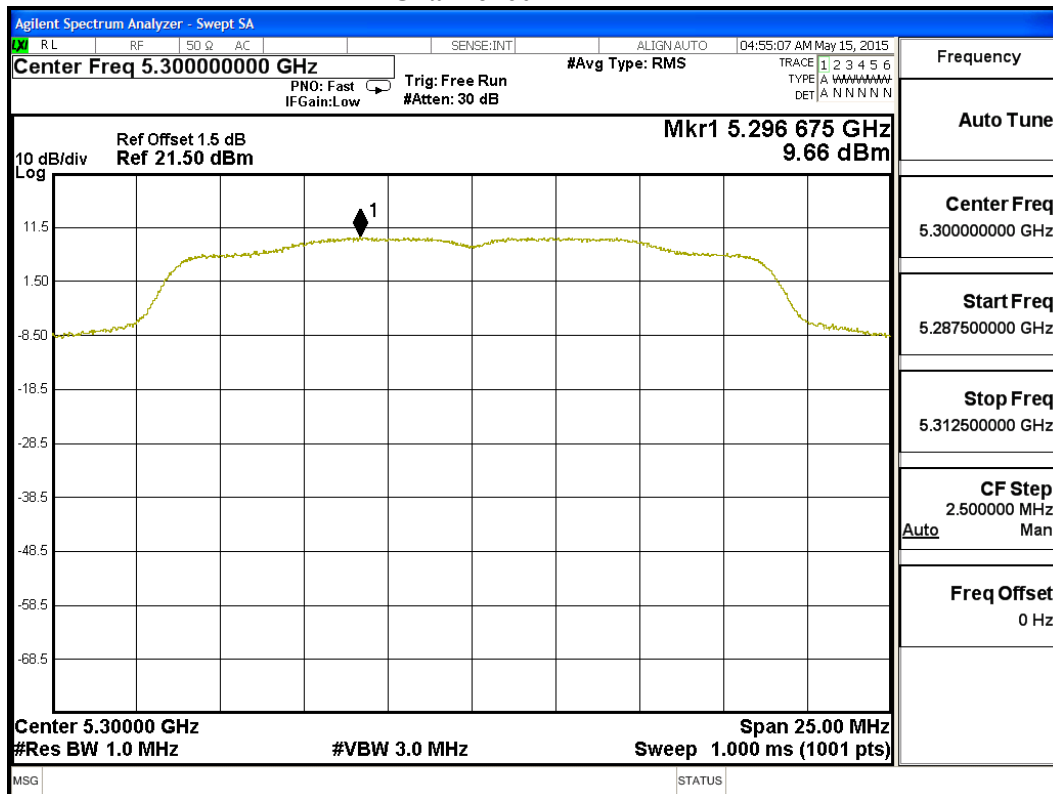
Channel 48



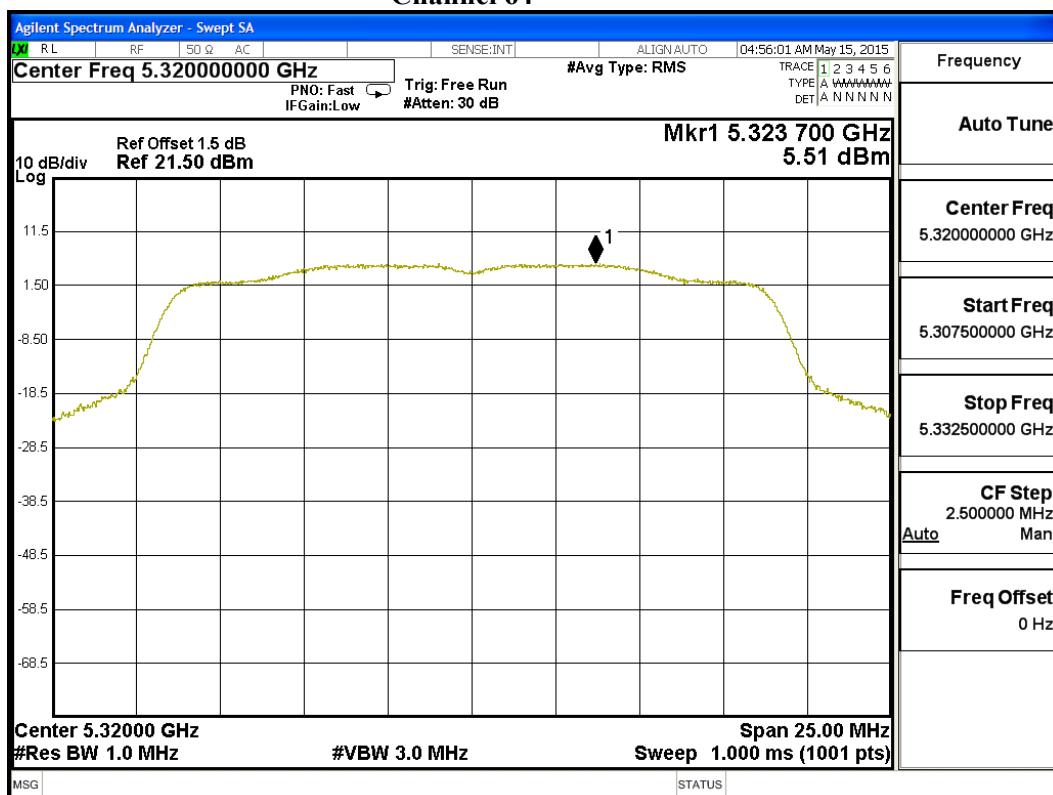
Channel 52



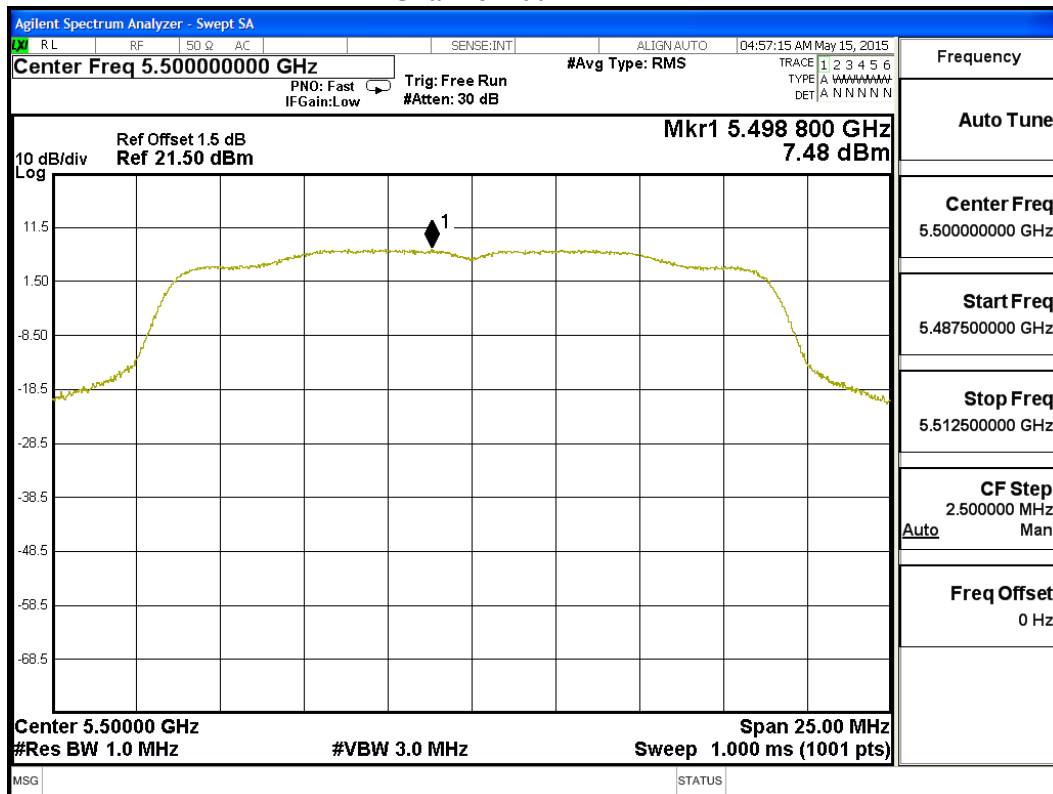
Channel 60



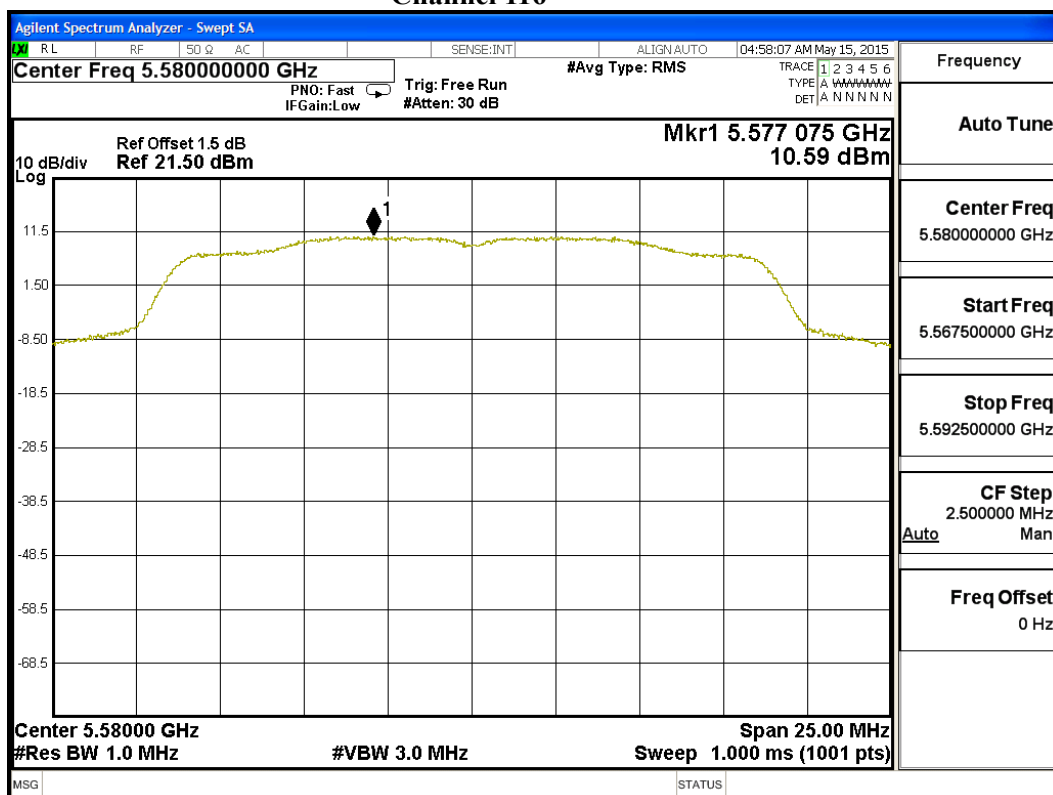
Channel 64



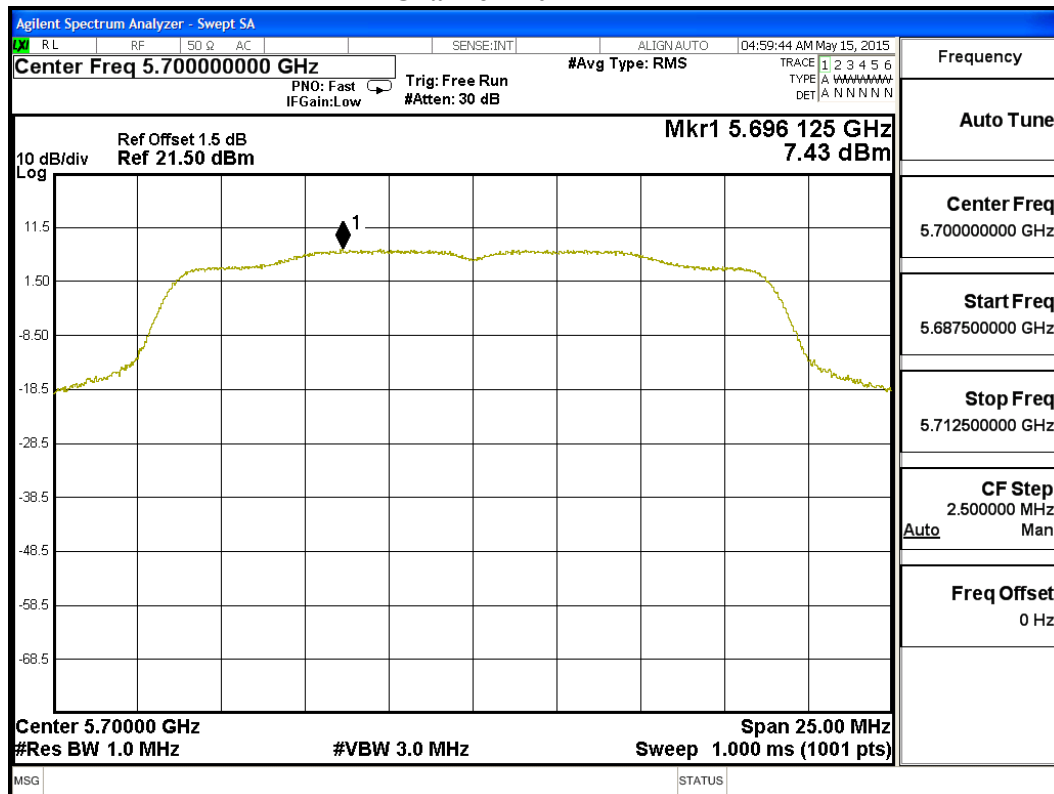
Channel 100



Channel 116



Channel 140

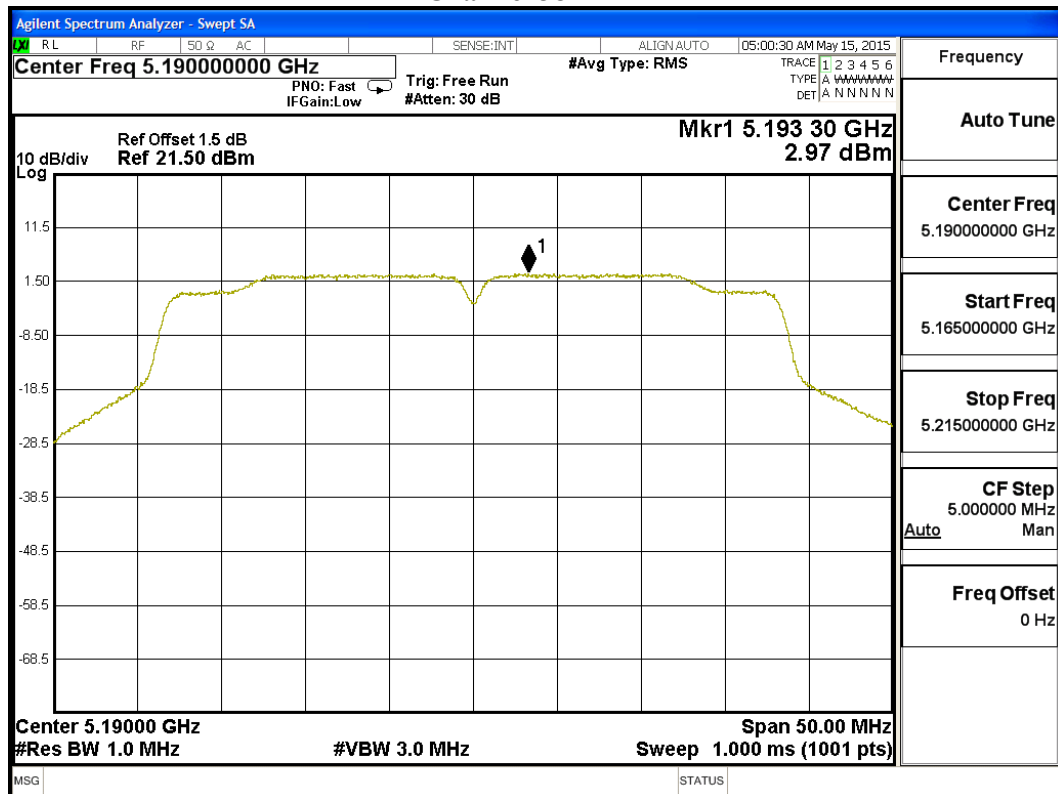


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps)

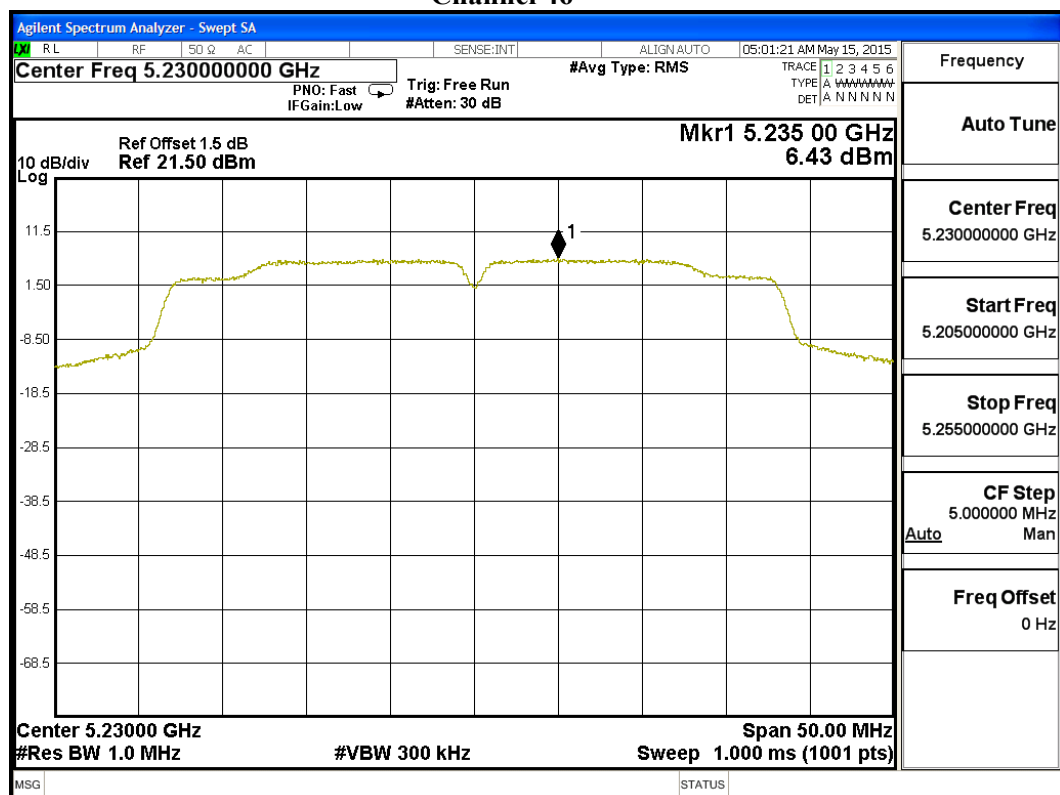
Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
38	5190	15	2.970	0.15	3.120	11	Pass
46	5230	15	6.430	0.15	6.580	11	Pass
54	5270	15	8.890	0.15	9.040	11	Pass
62	5310	15	-0.190	0.15	-0.040	11	Pass
102	5510	15	4.430	0.15	4.580	11	Pass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

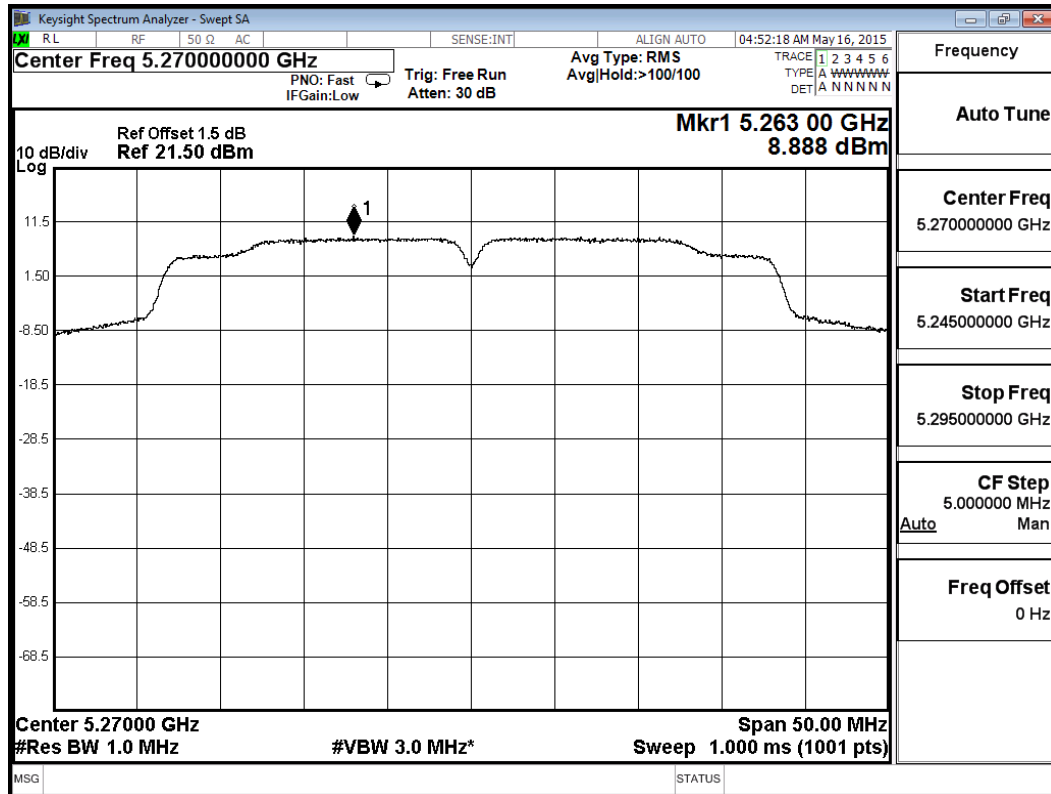
Channel 38



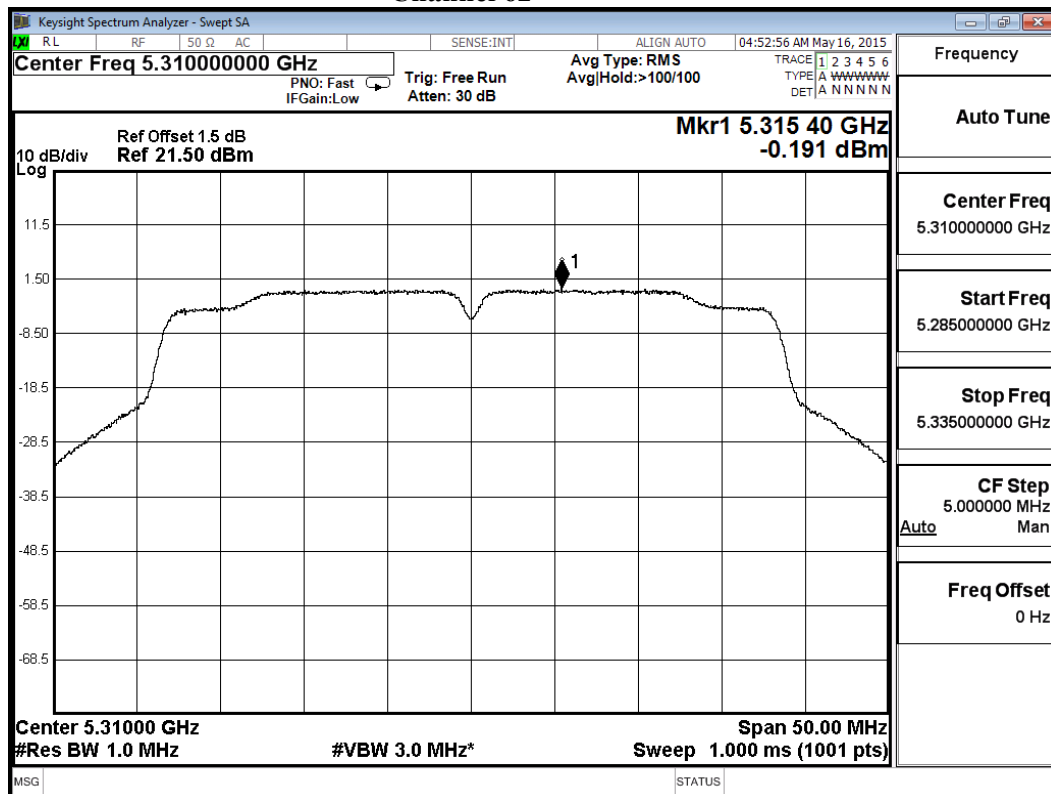
Channel 46



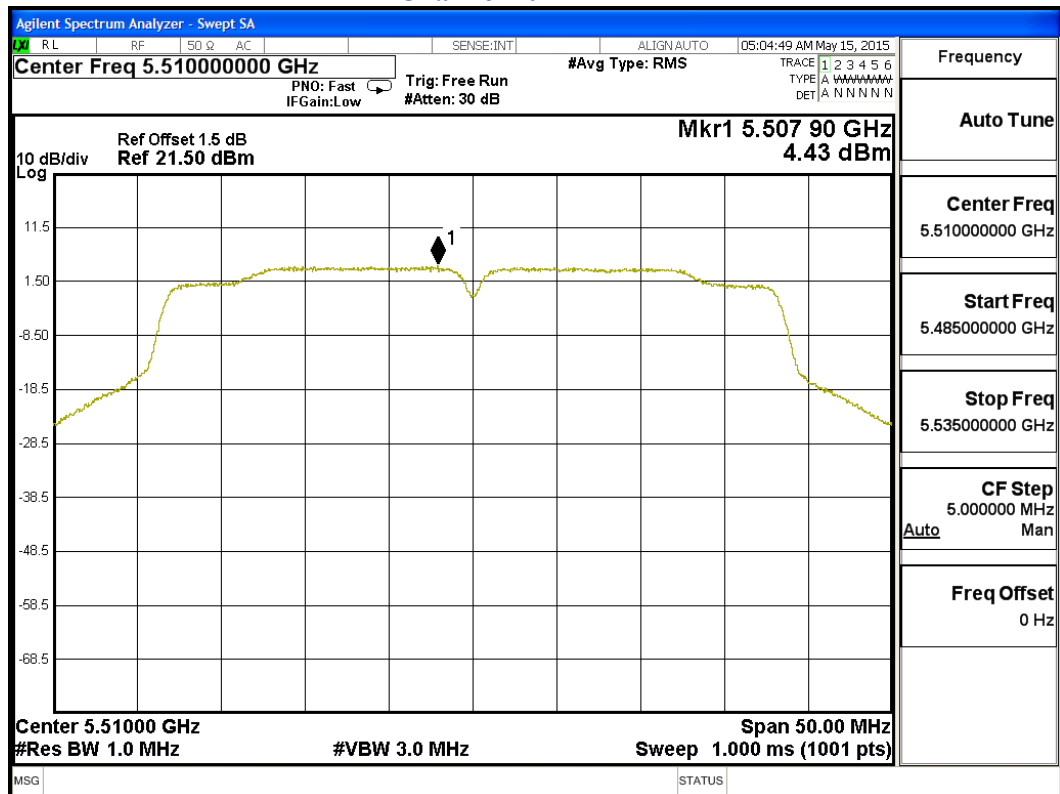
Channel 54



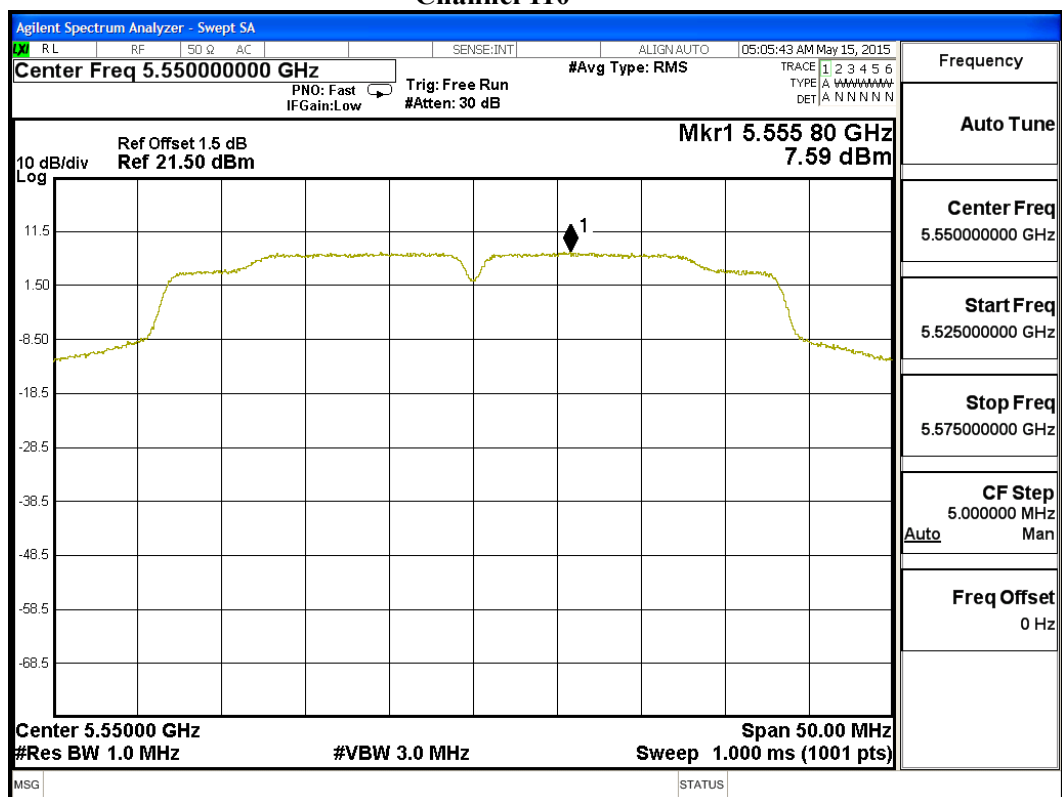
Channel 62



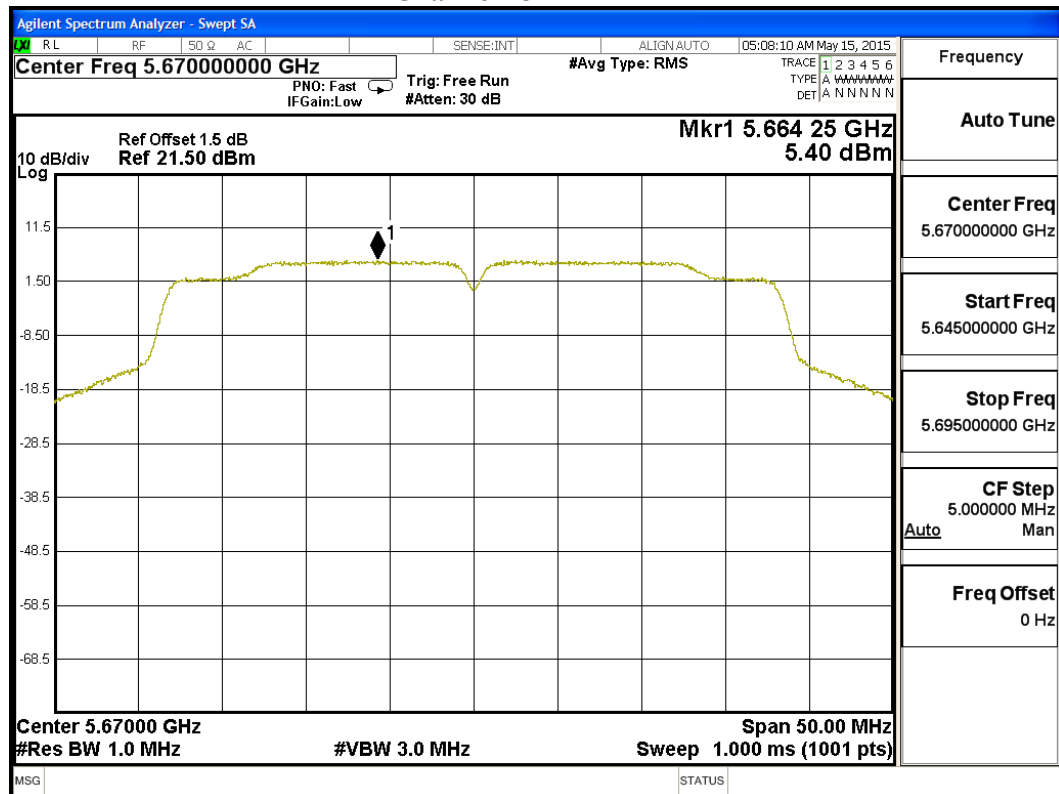
Channel 102



Channel 110



Channel 134

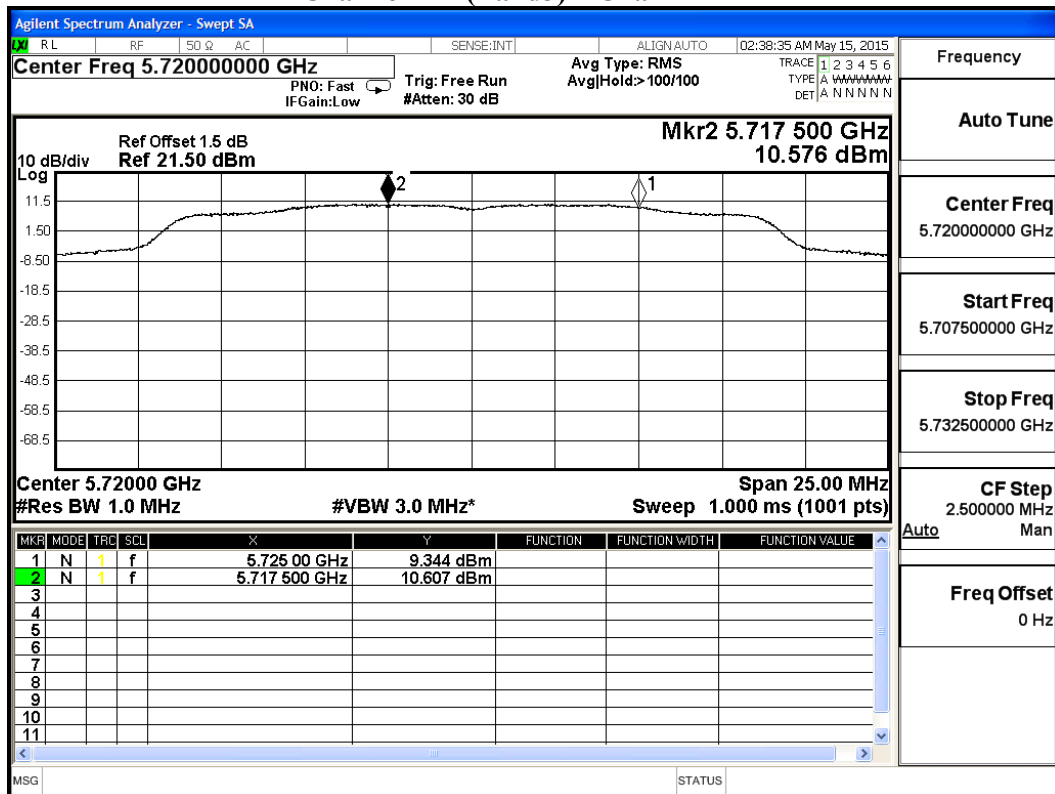


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11ac-20BW-7.2Mbps)

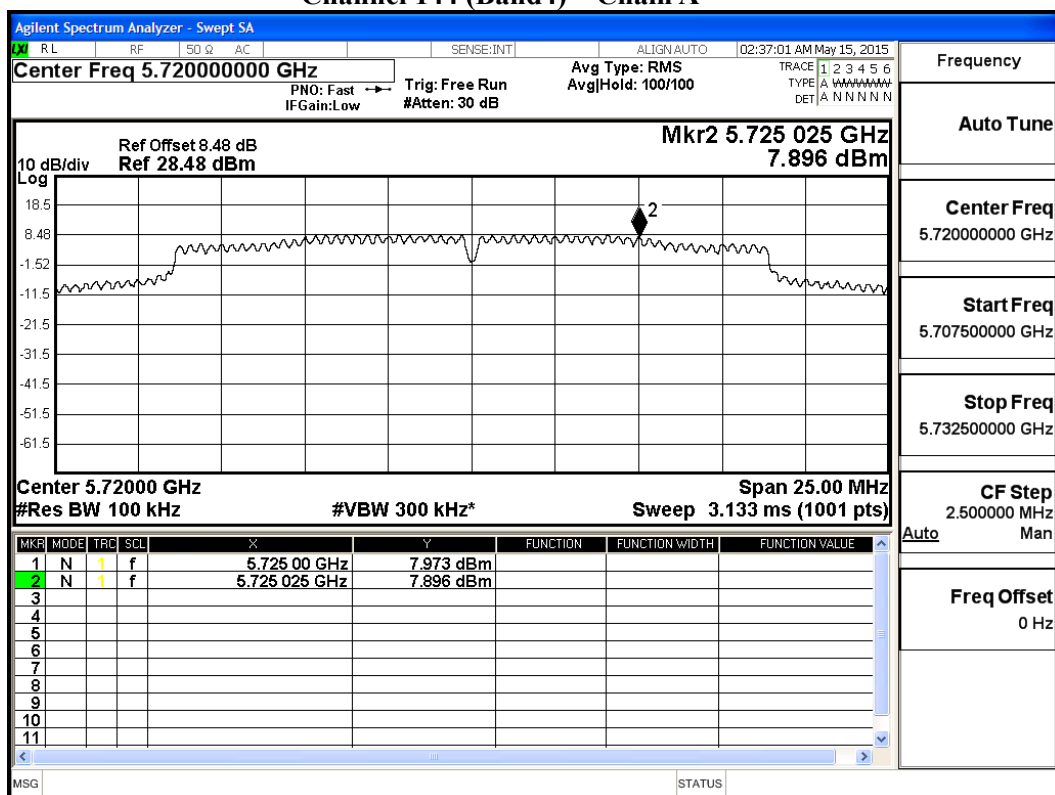
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
144	5720(Band3)	10.576	--	0.09	10.666	<11	Pass
144	5720(Band4)	7.896	6.98	0.09	14.966	<30	Pass

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

Channel 144 (Band3) – Chain A



Channel 144 (Band4) – Chain A

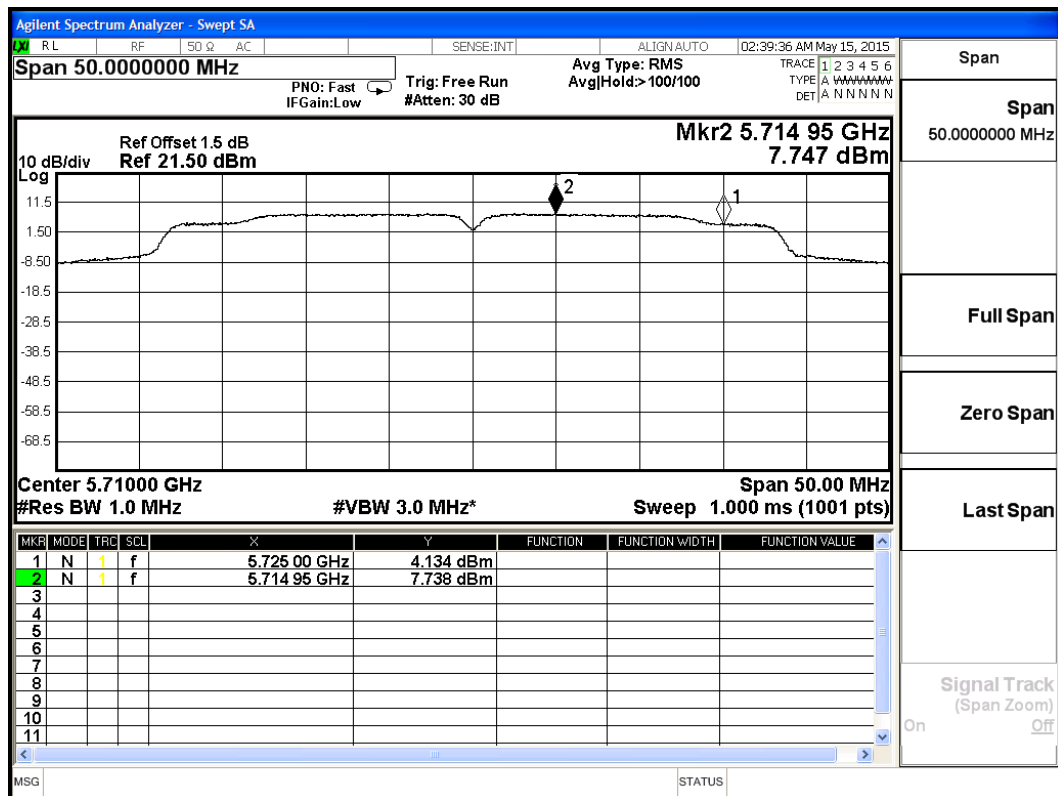


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11ac-40BW-15Mbps)

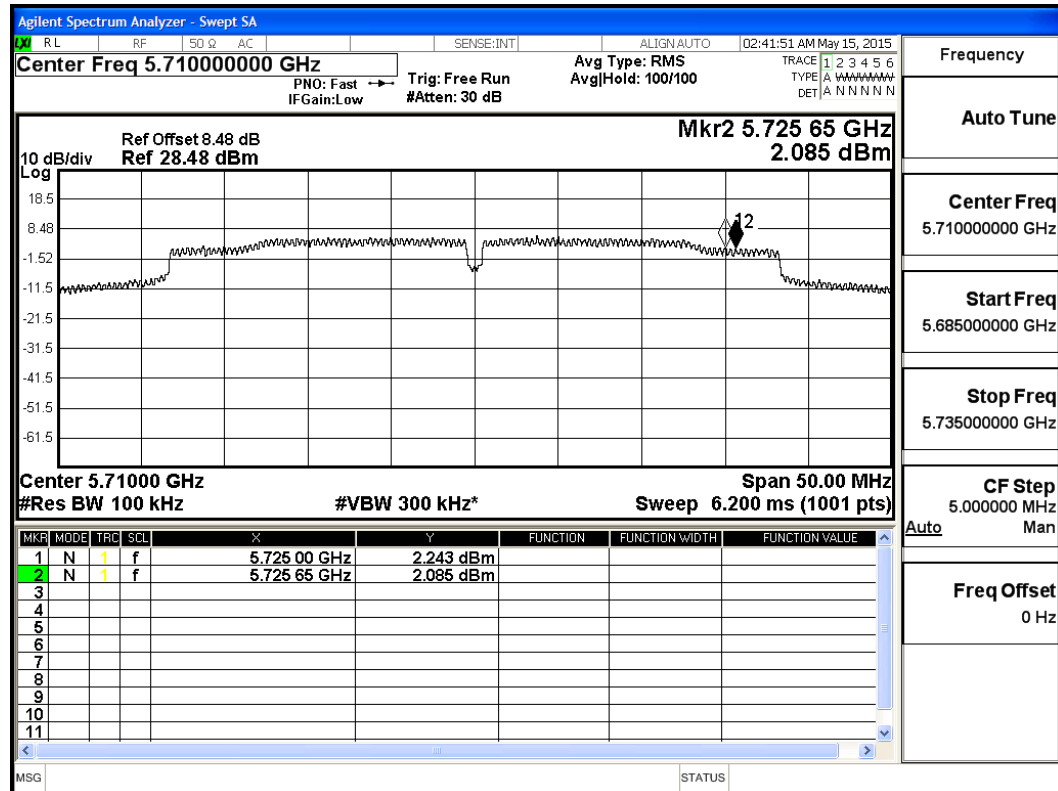
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
142	5710(Band3)	7.747	--	0.15	7.897	<11	Pass
142	5710(Band4)	2.085	6.98	0.15	9.215	<30	Pass

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

Channel 142 (Band3) – Chain A



Channel 142 (Band3) – Chain A

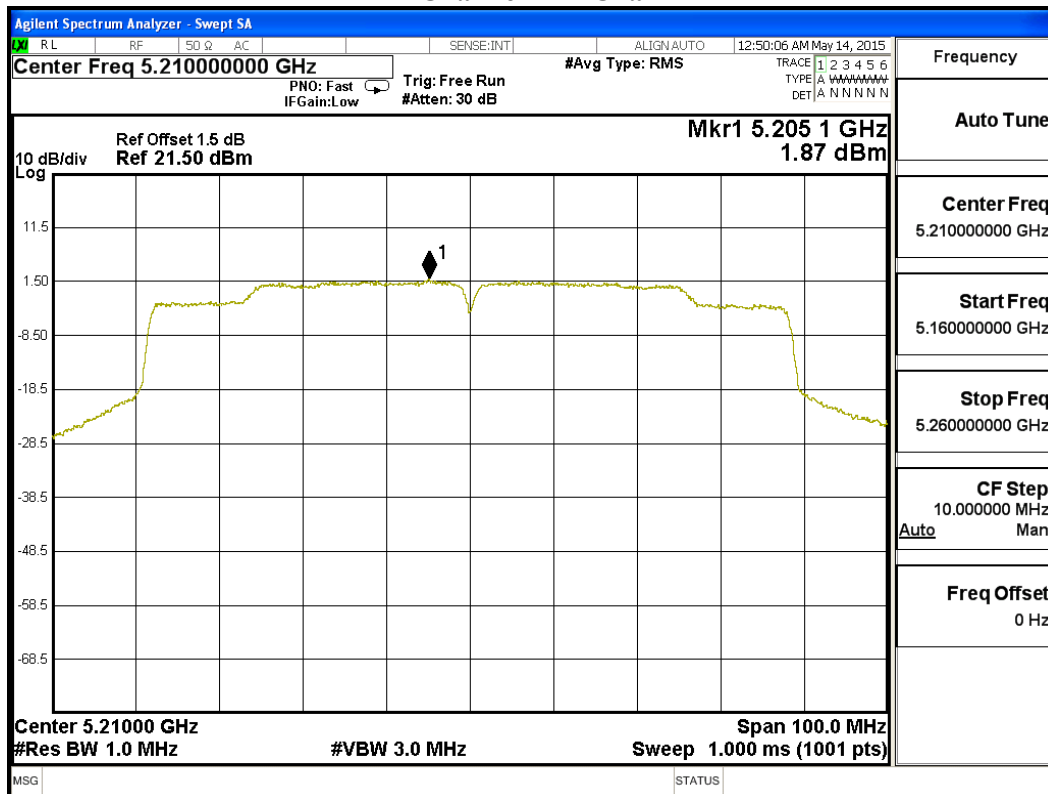


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

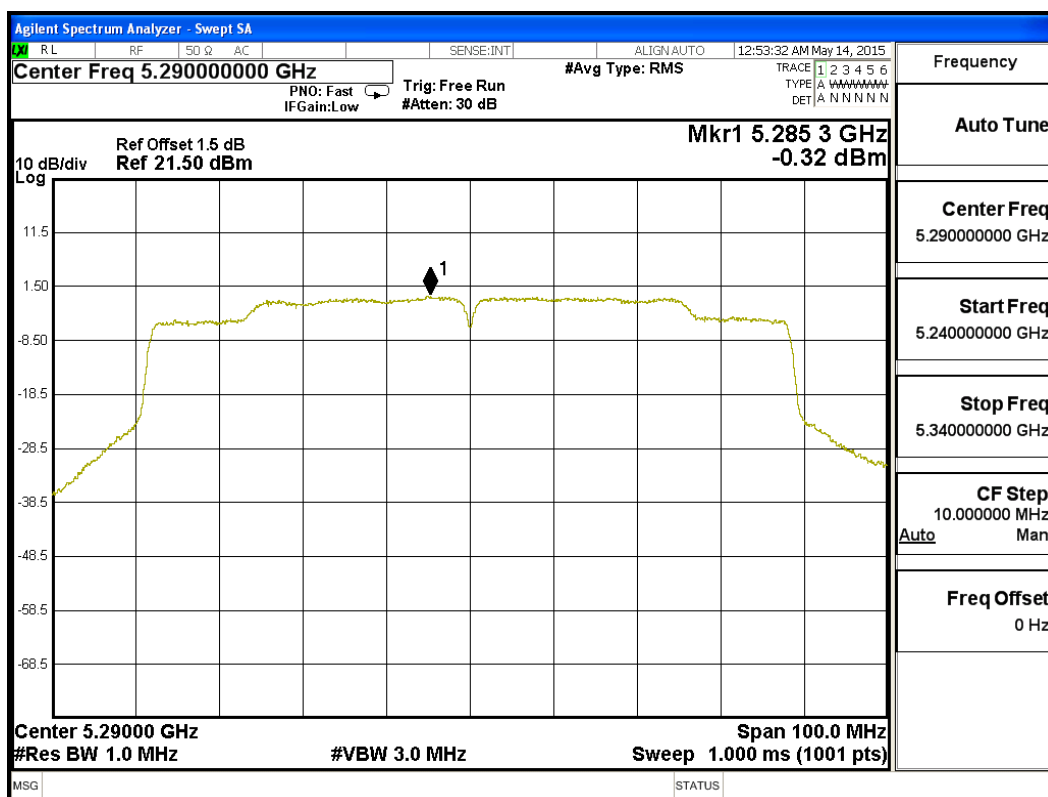
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
42	5210	1.870	--	0.31	2.180	<11	Pass
58	5290	-0.320	--	0.31	-0.010	<11	Pass
106	5530	-1.250	--	0.31	-0.940	<11	Pass
122	5610	0.010	--	0.31	0.320	<11	Pass
138	5690 (Band3)	4.745	--	0.31	5.055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

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

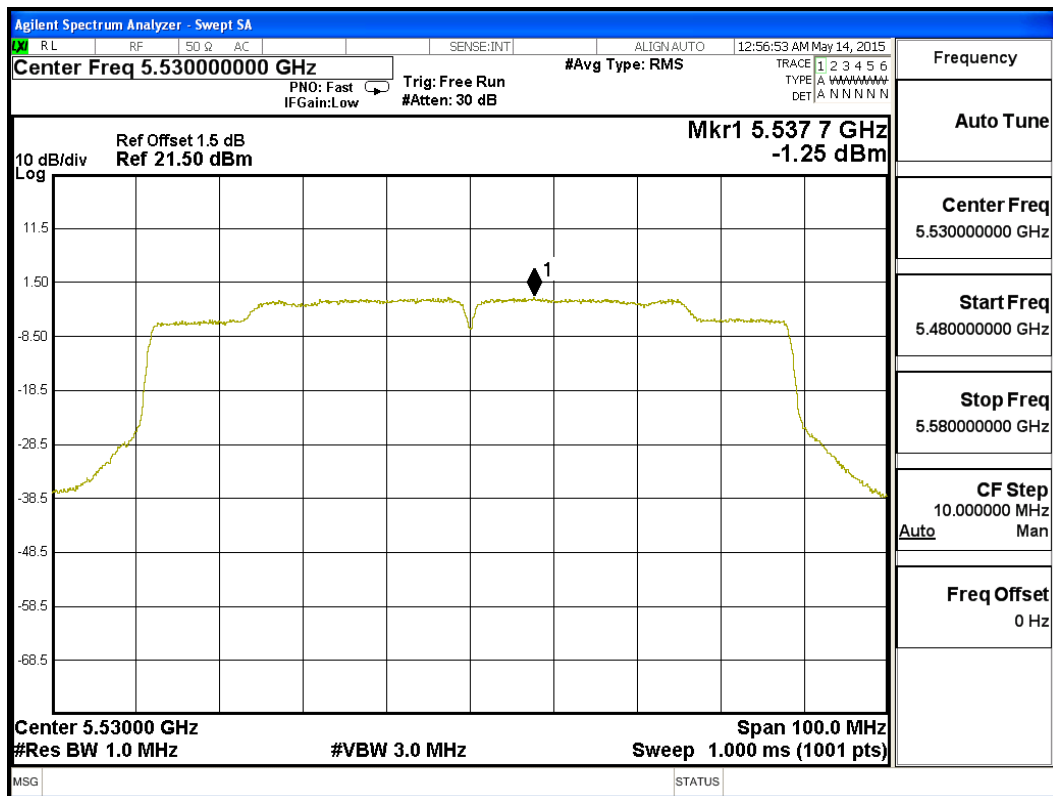
Channel 42 – Chain A



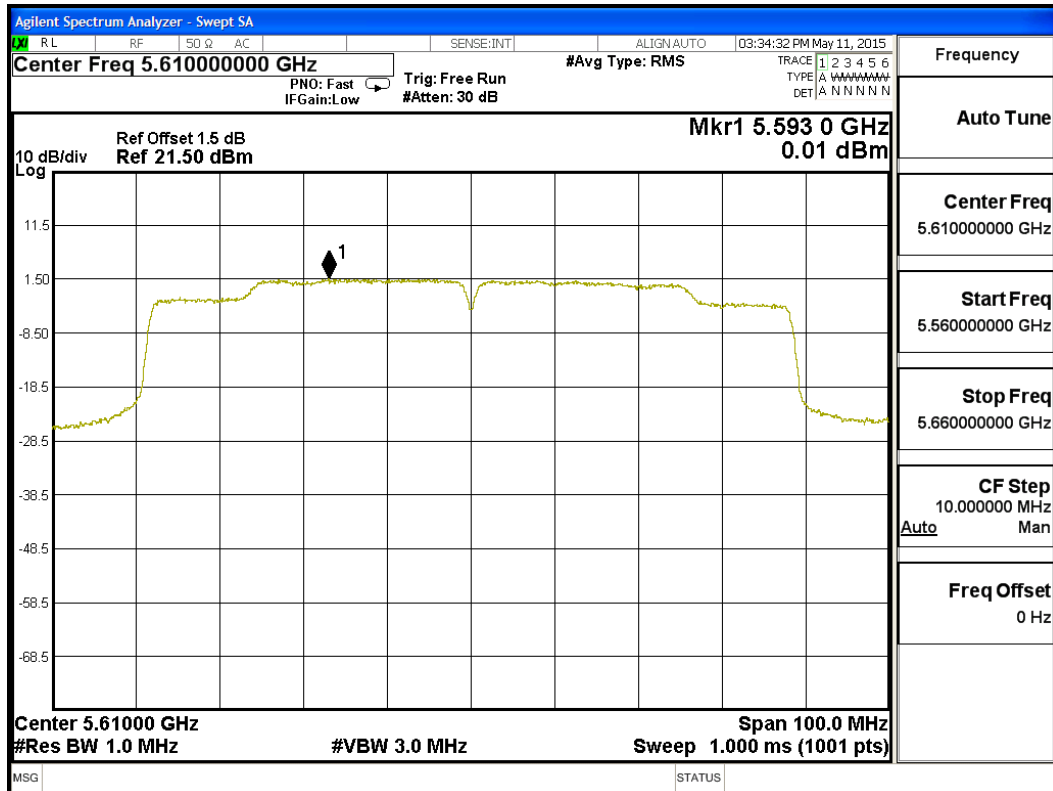
Channel 58 – Chain A



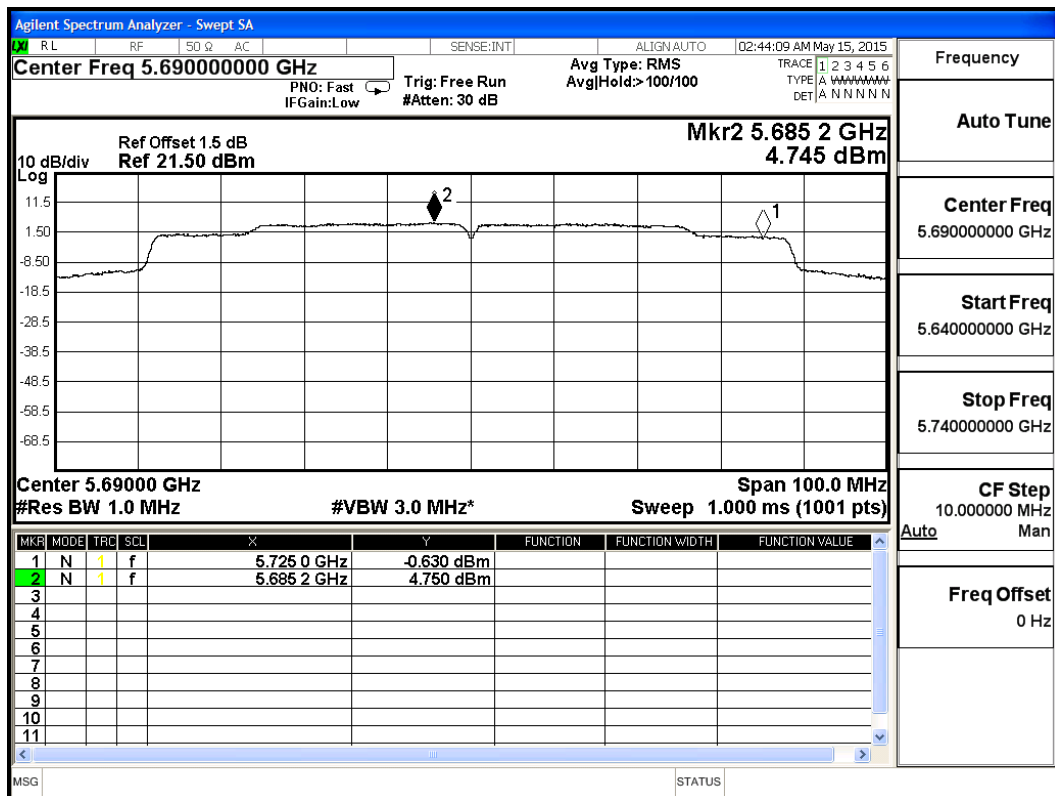
Channel 106 – Chain A



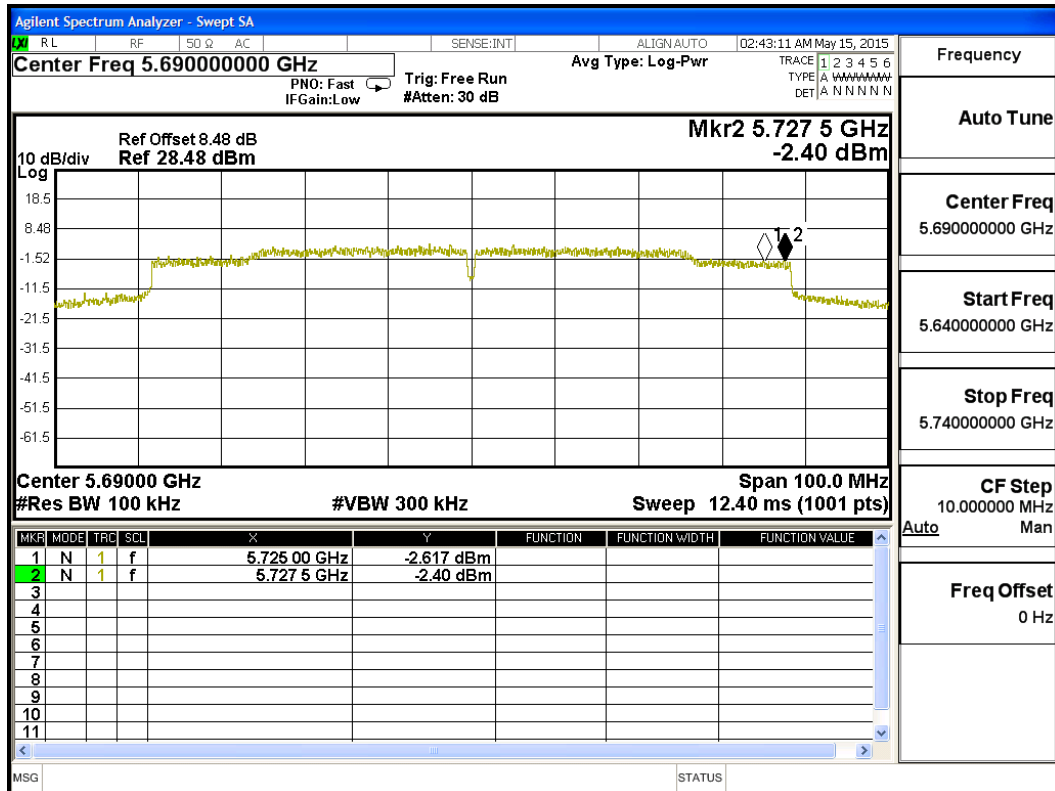
Channel 122 – Chain A



Channel 138 (Band3)– Chain A



Channel 138 (Band4)– Chain A



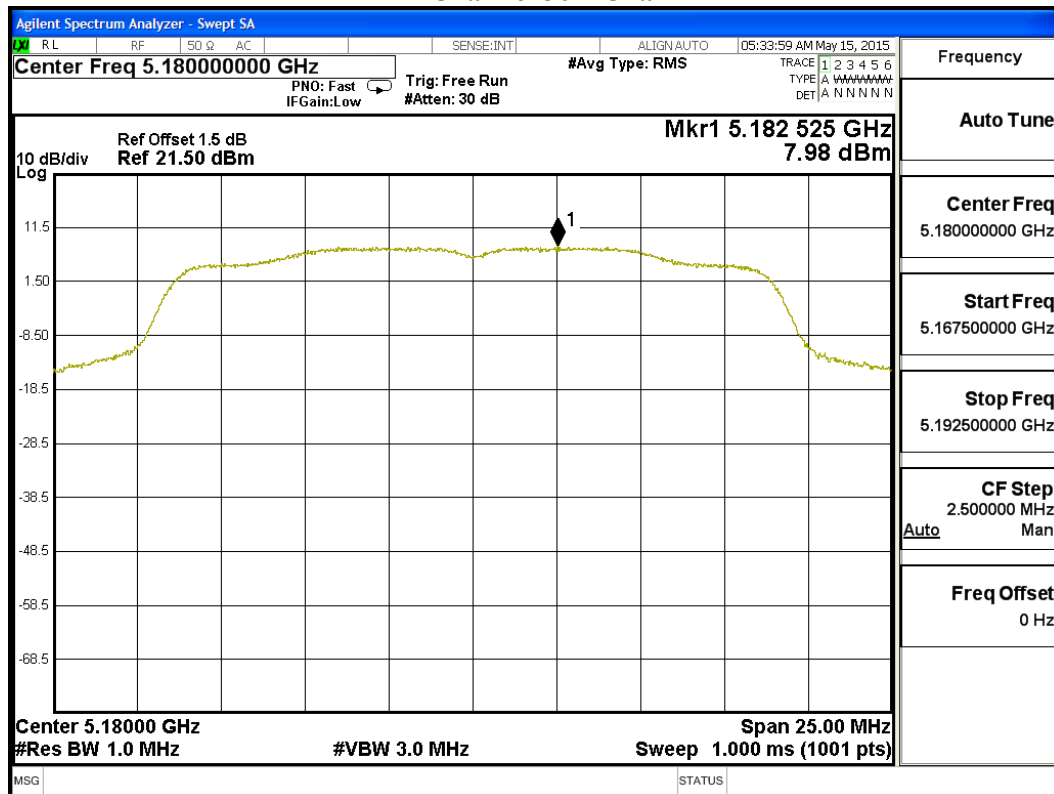
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)

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

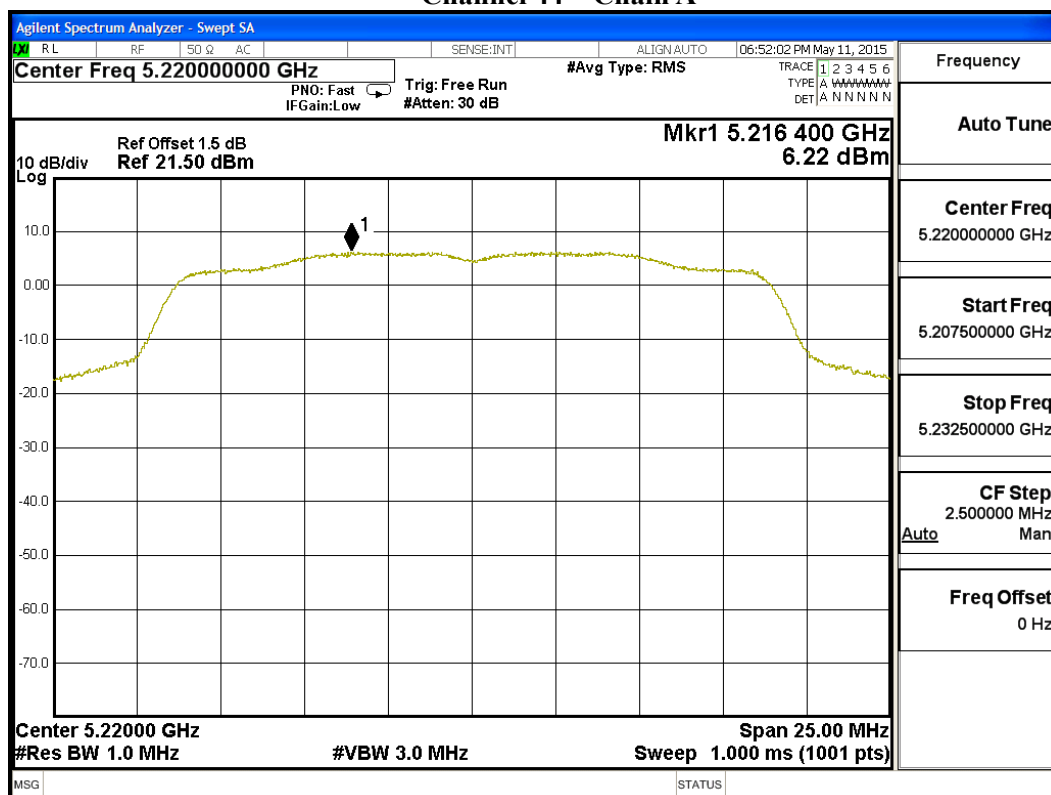
Note:

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

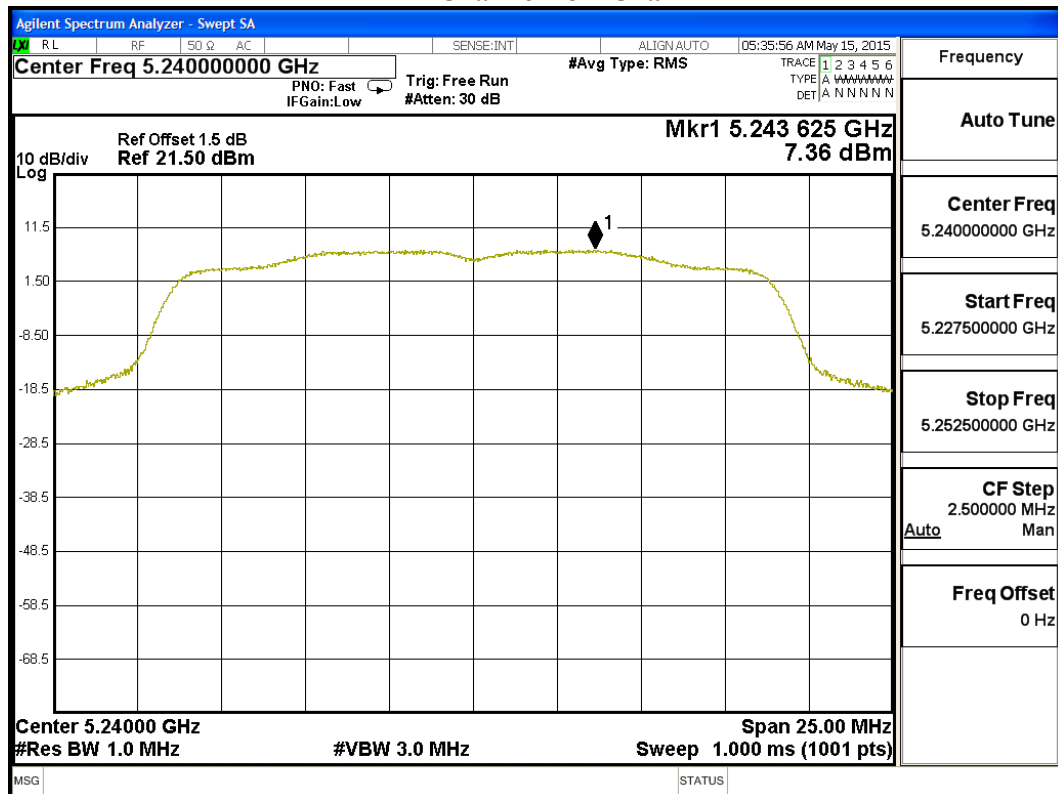
Channel 36 – Chain A



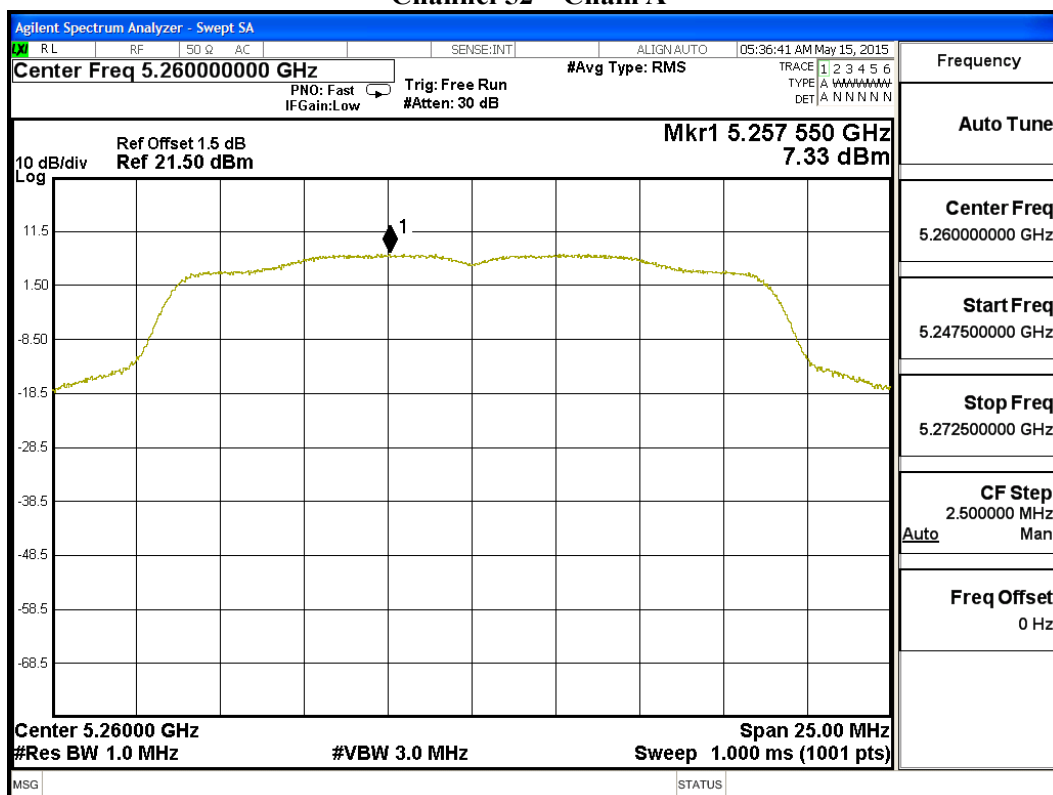
Channel 44 – Chain A



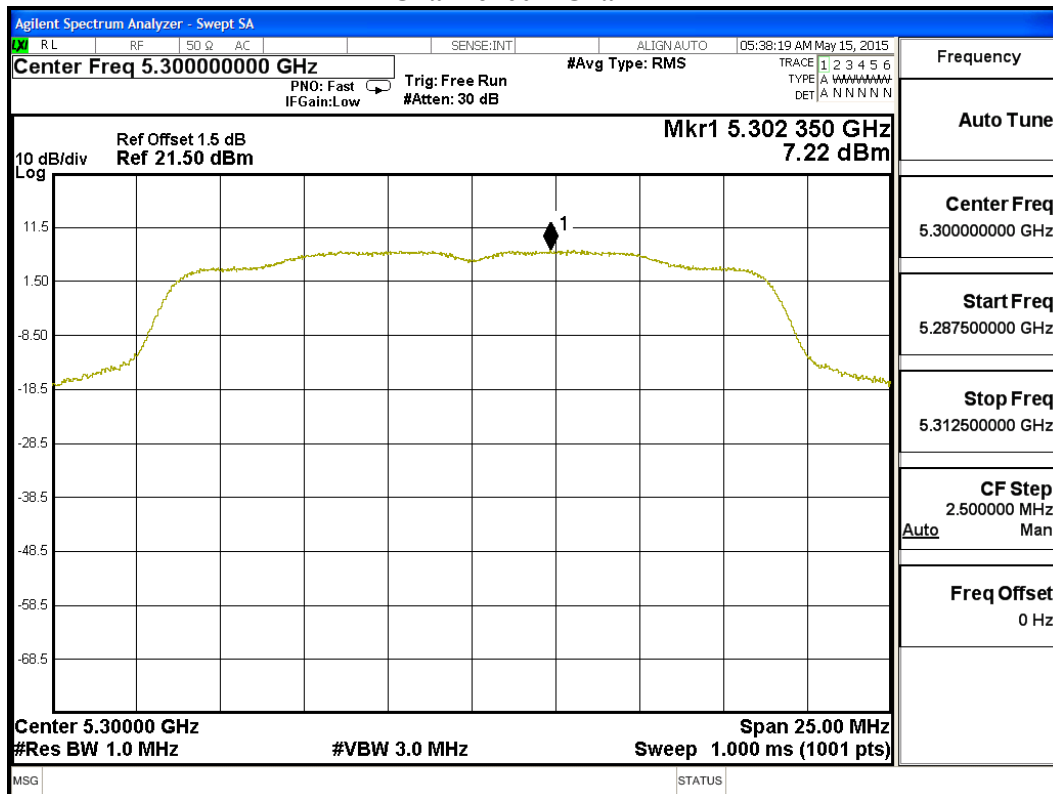
Channel 48 – Chain A



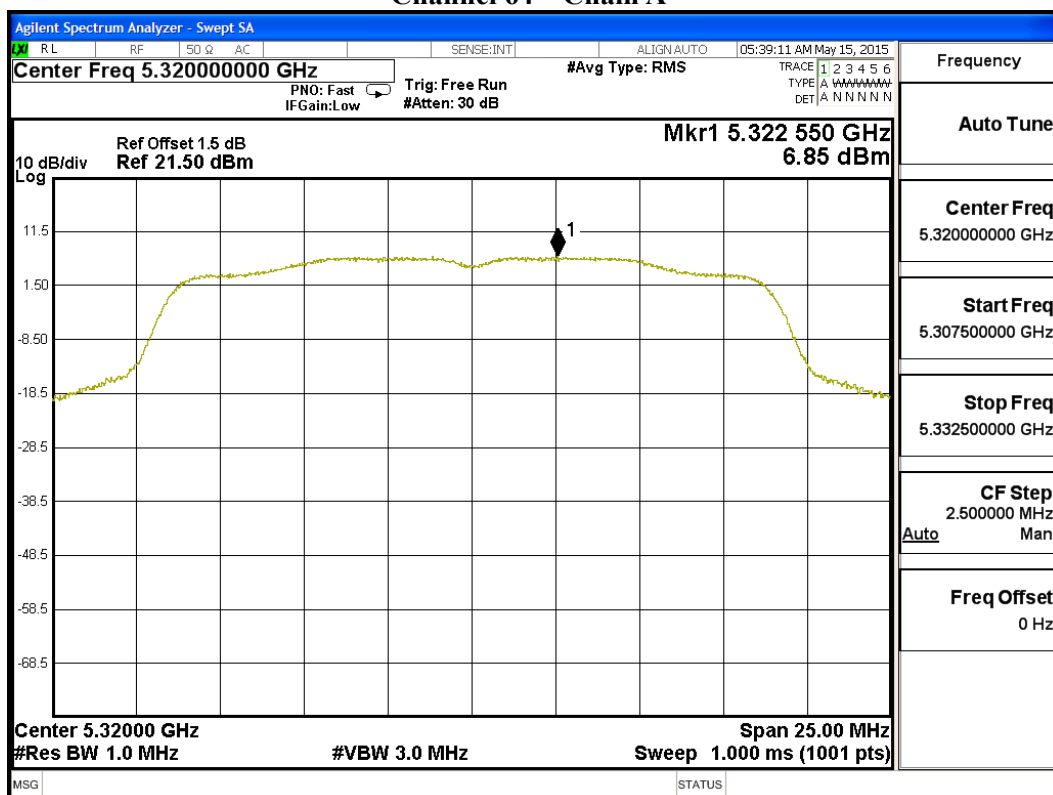
Channel 52 – Chain A



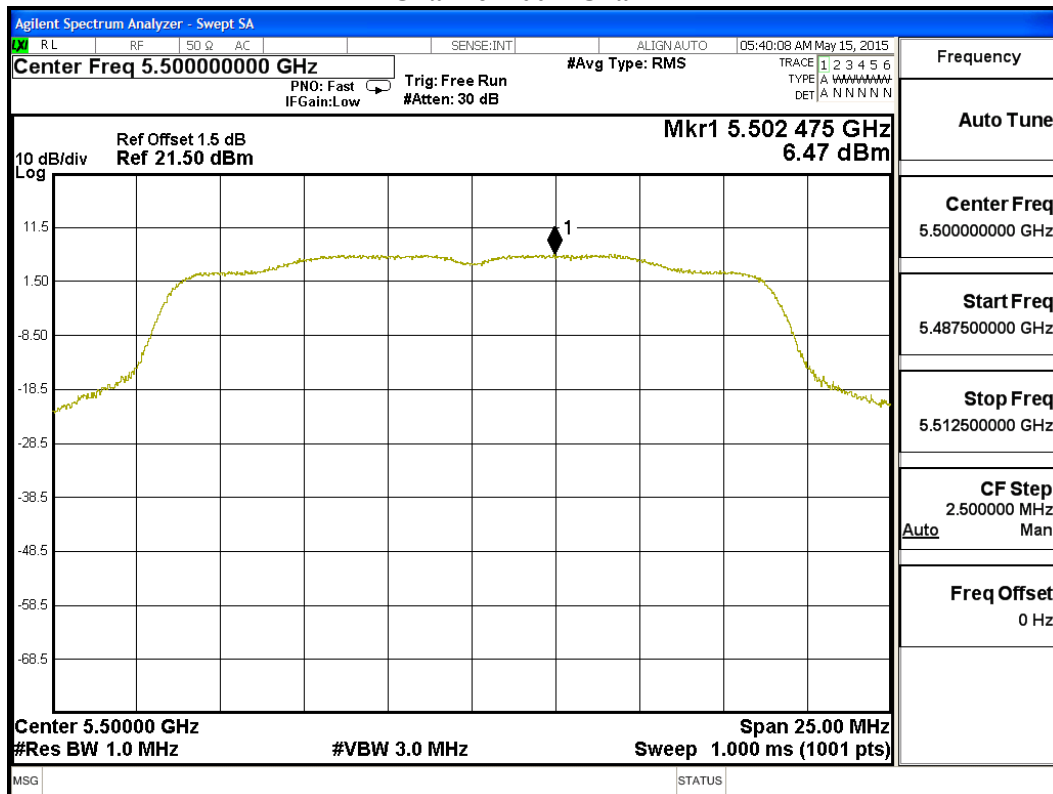
Channel 60 – Chain A



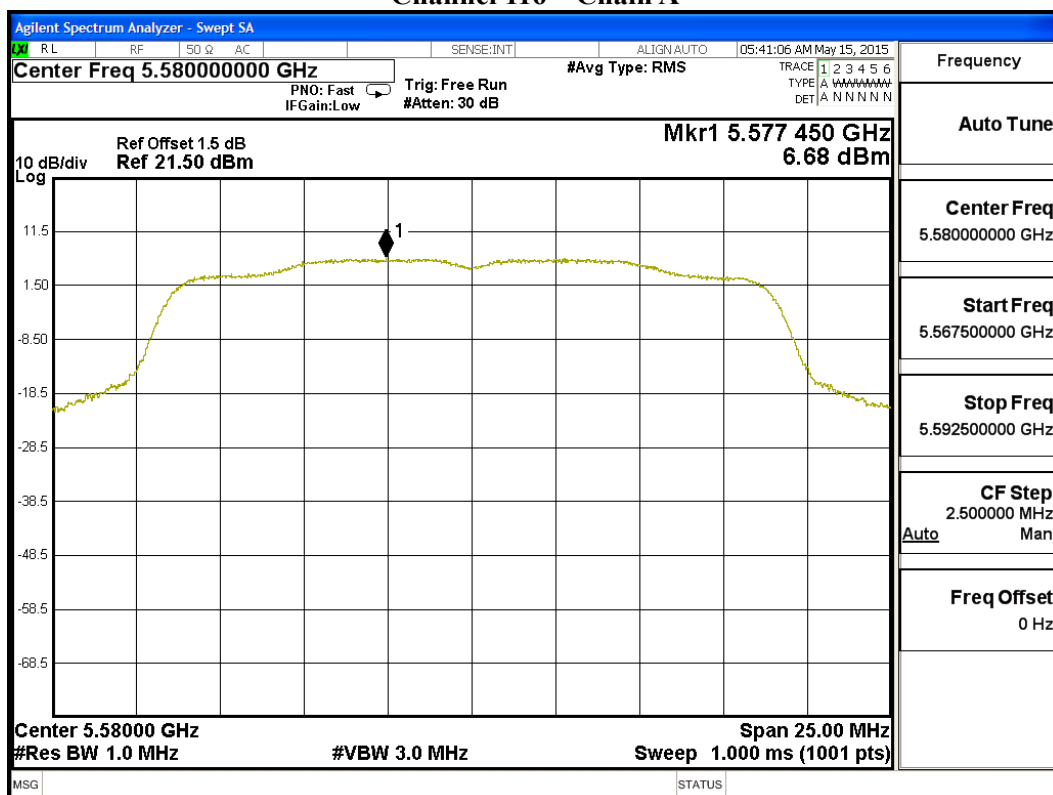
Channel 64 – Chain A



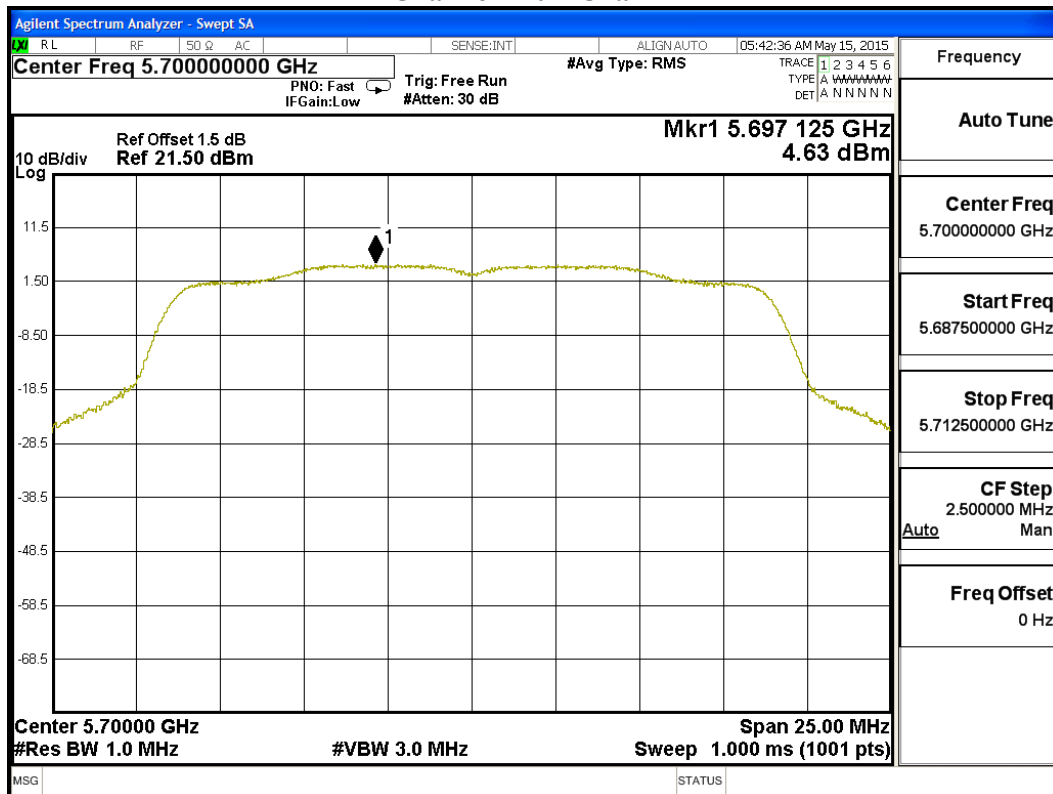
Channel 100 – Chain A



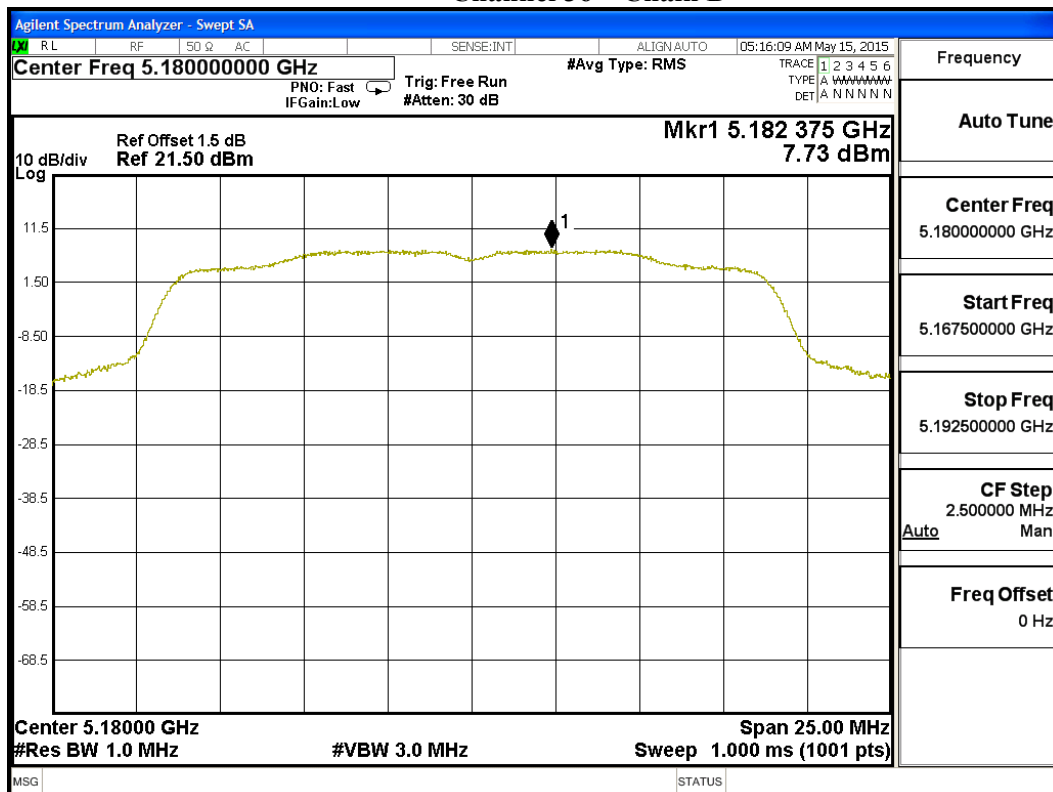
Channel 116 – Chain A



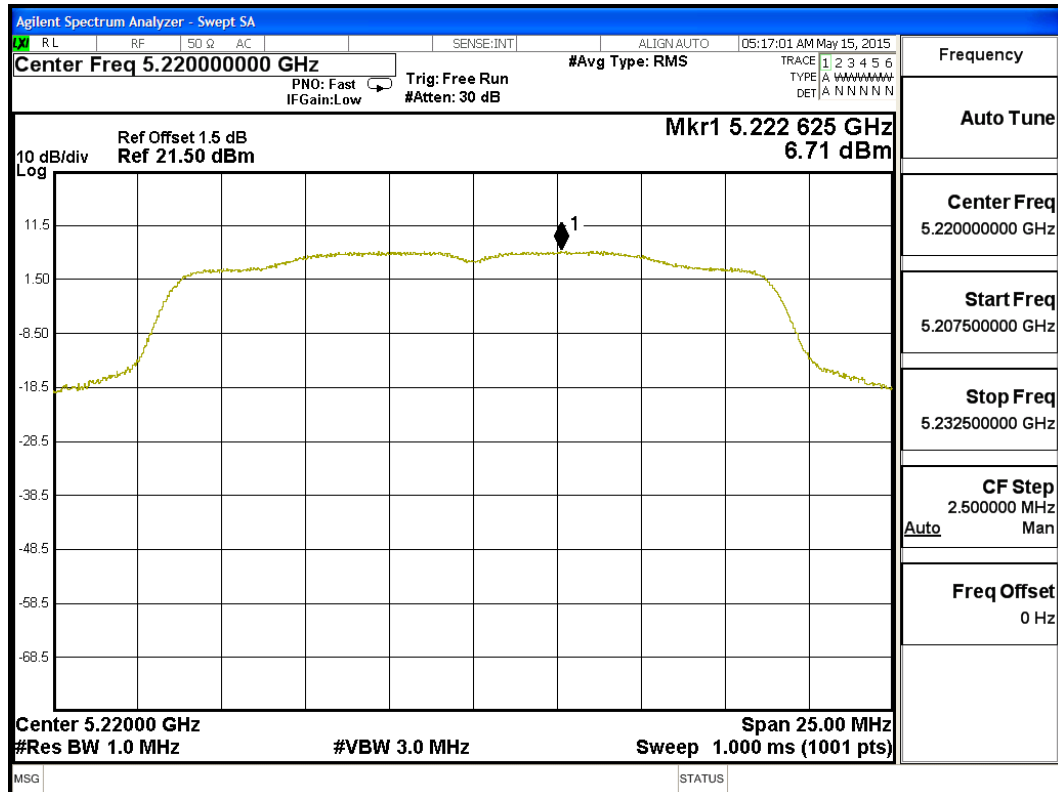
Channel 140 – Chain A



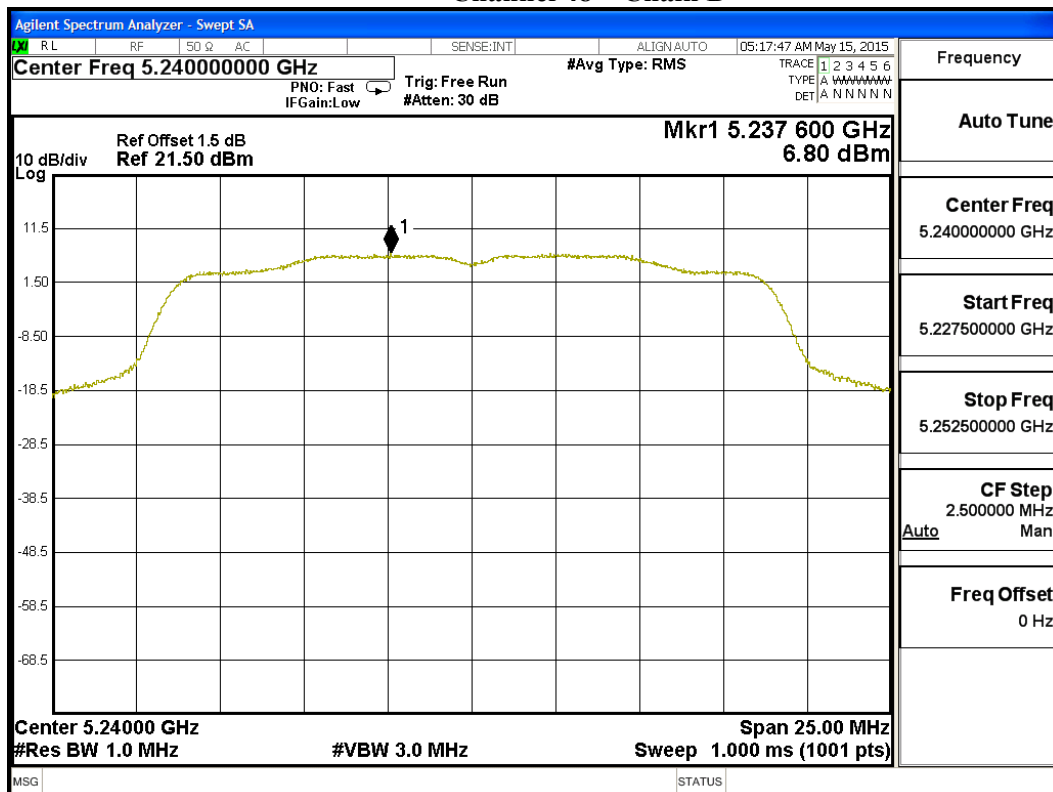
Channel 36 – Chain B



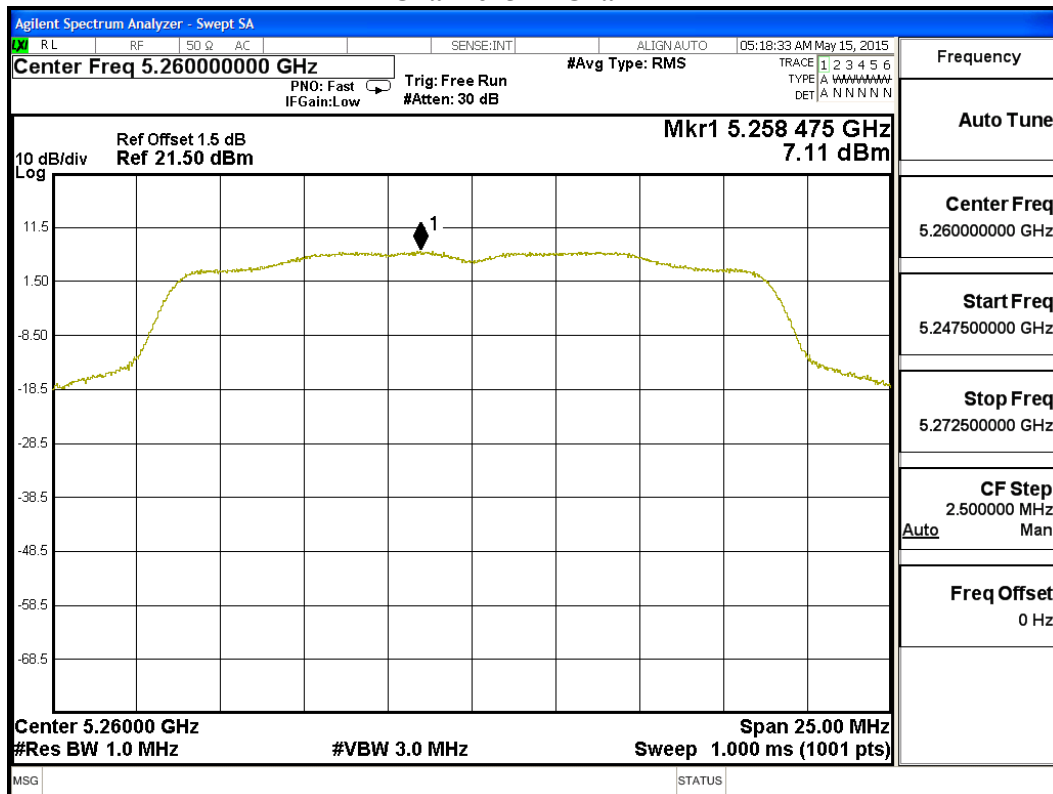
Channel 44 – Chain B



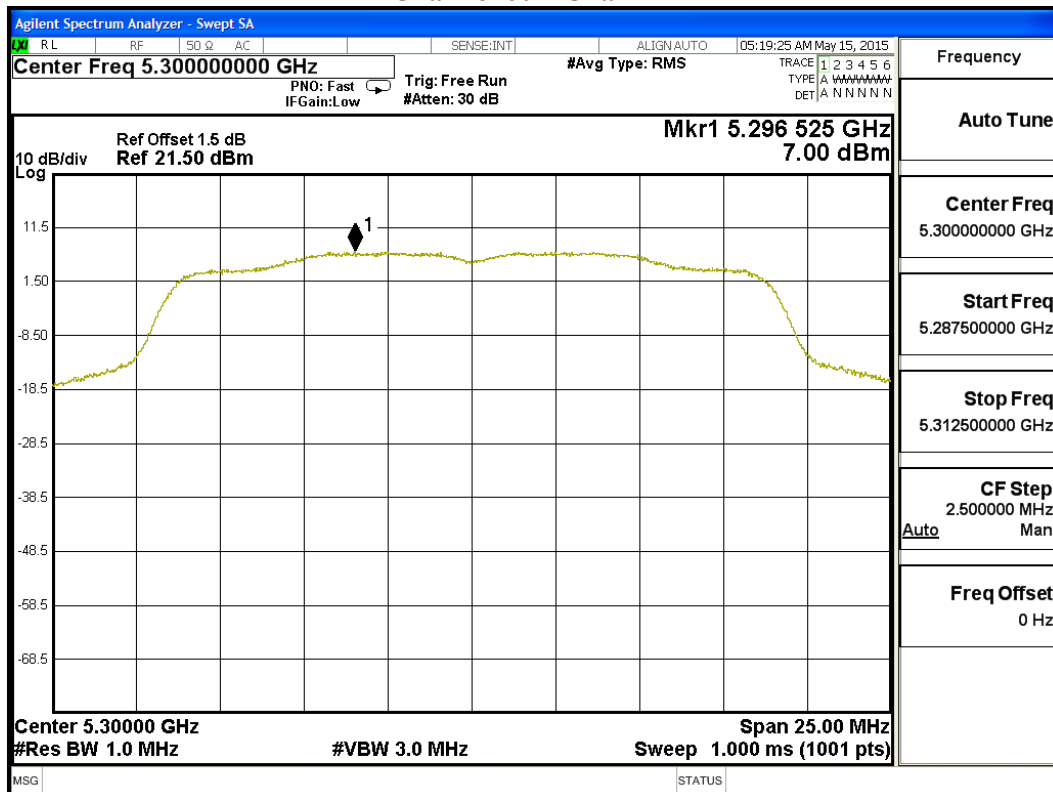
Channel 48 – Chain B



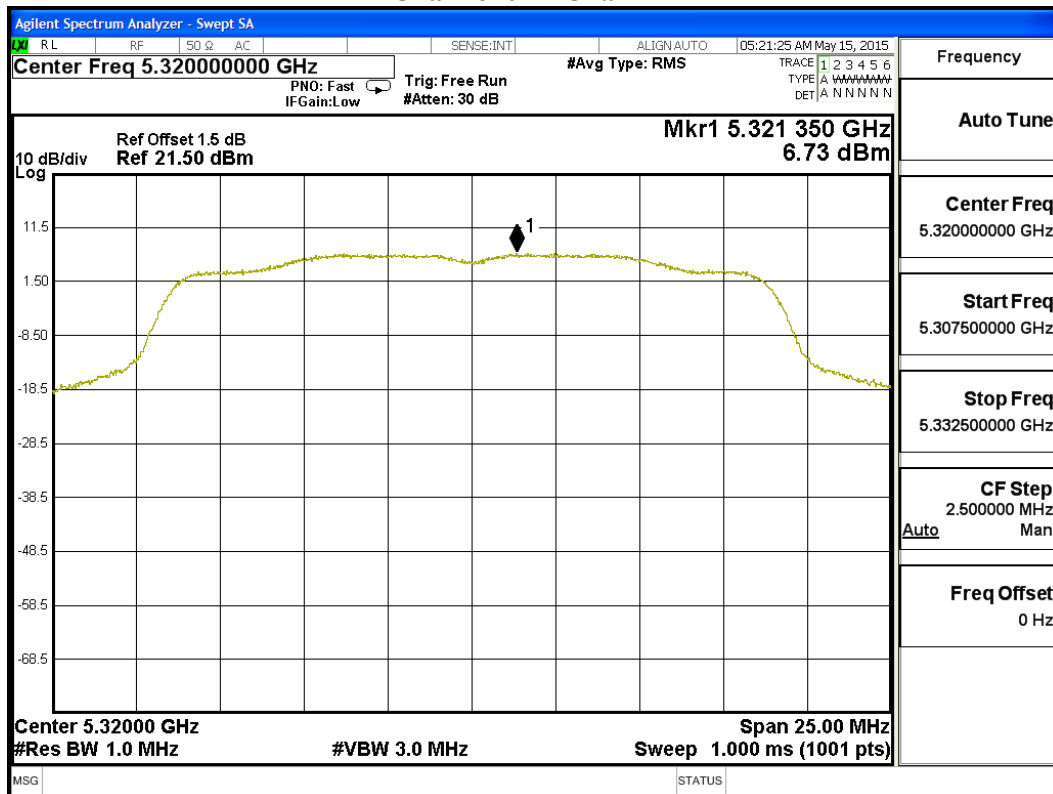
Channel 52 – Chain B



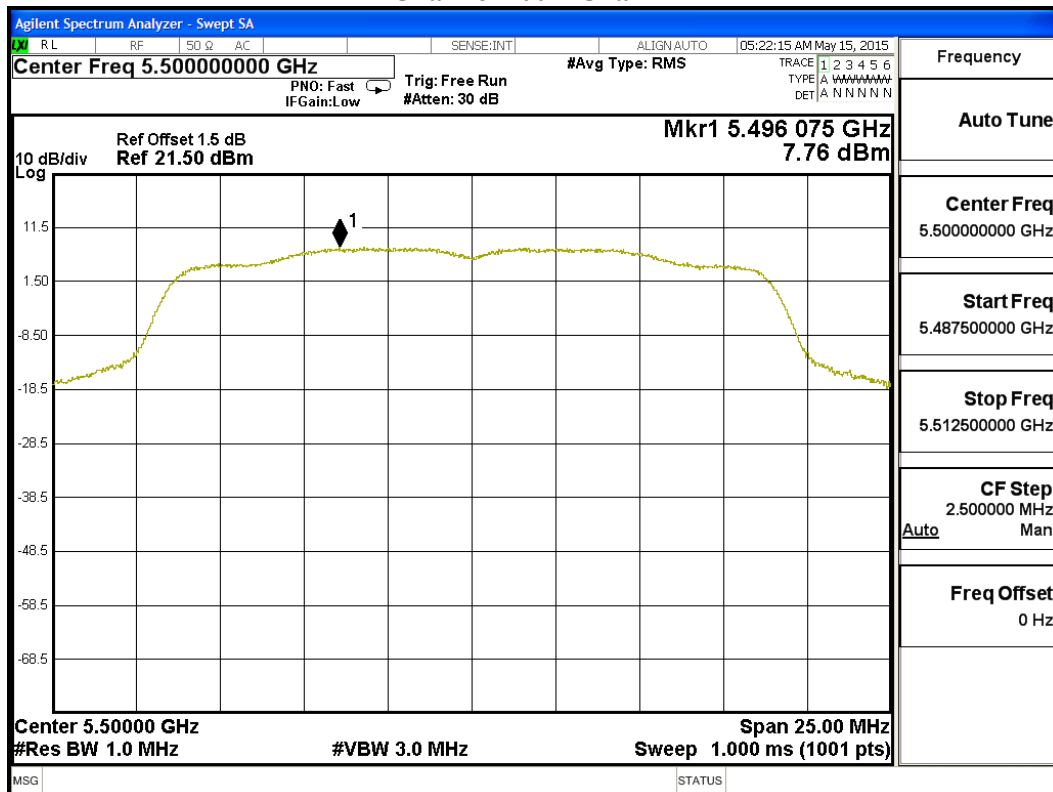
Channel 60 – Chain B



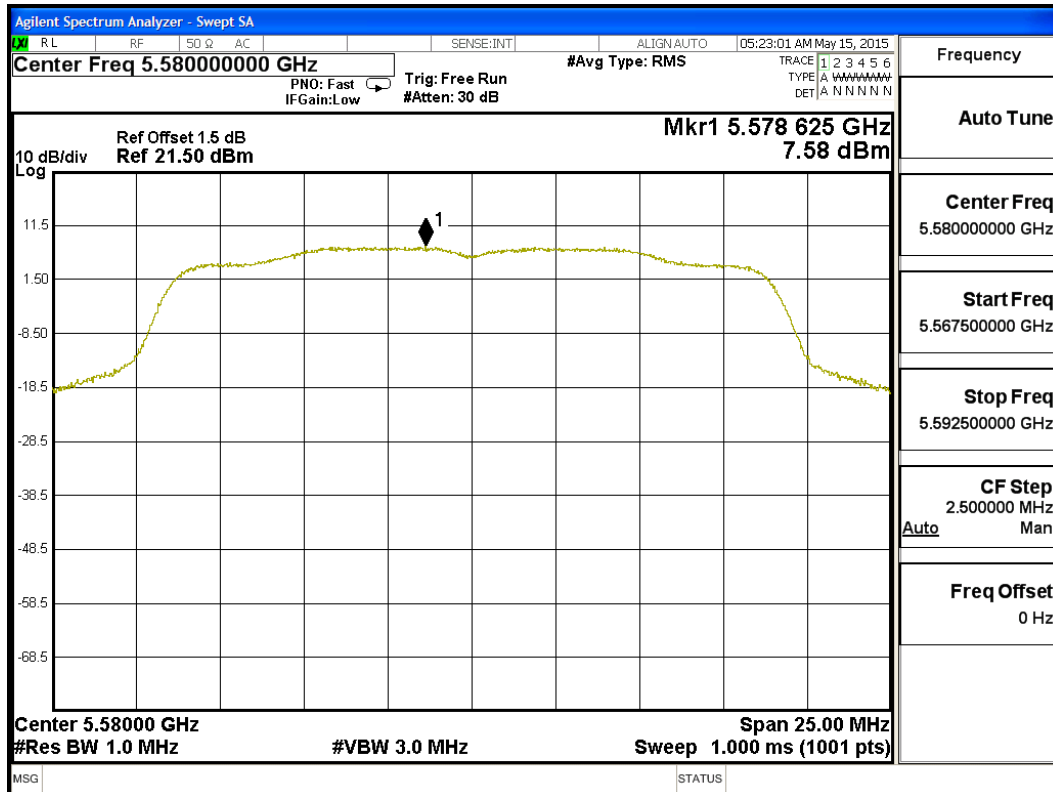
Channel 64 – Chain B



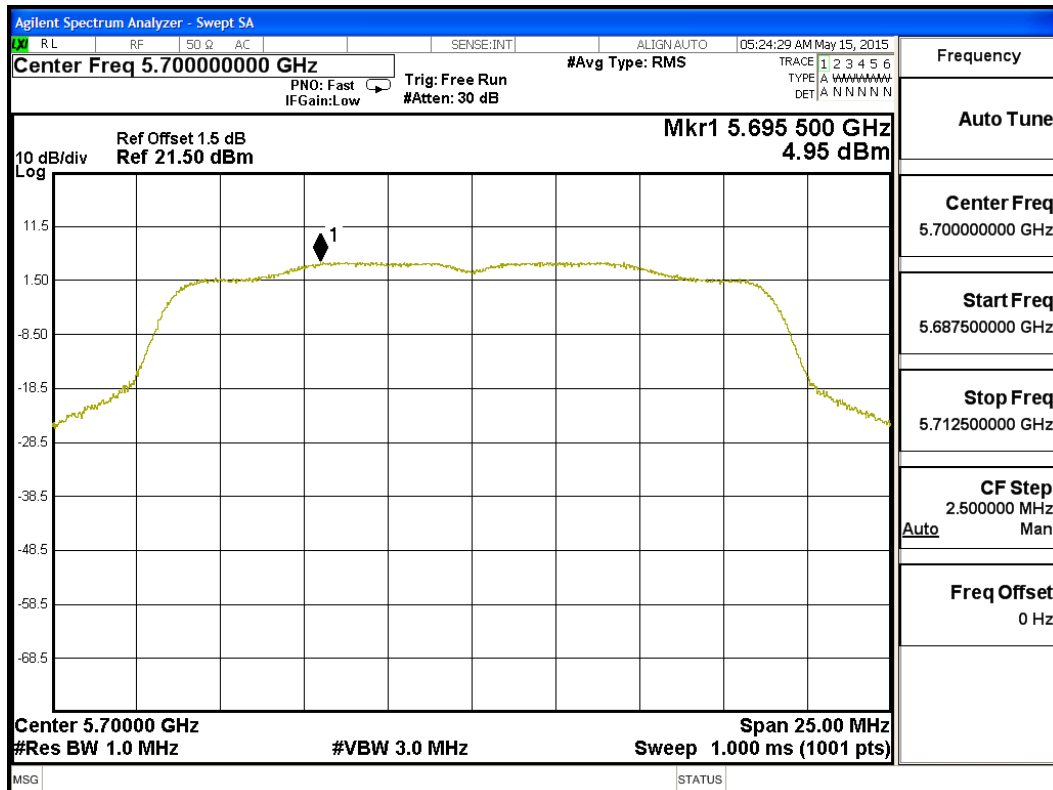
Channel 100 – Chain B



Channel 116 – Chain B



Channel 140 – Chain B



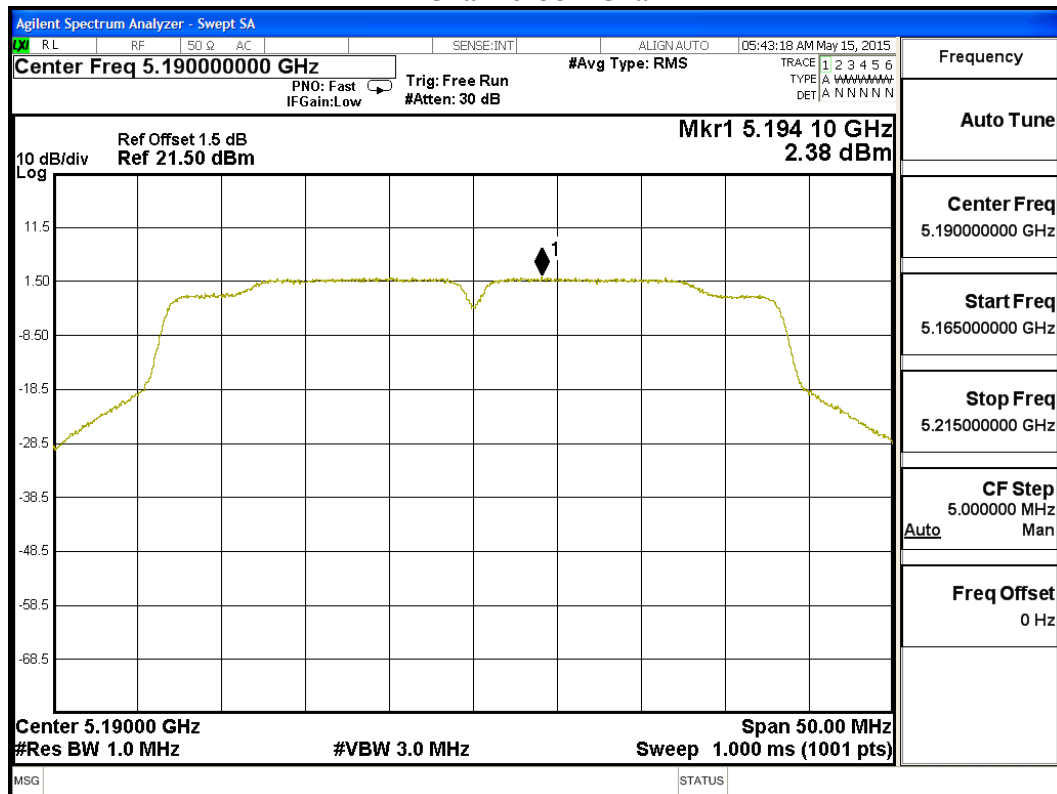
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps)

Channel Number	Frequency (MHz)	Data Rate (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

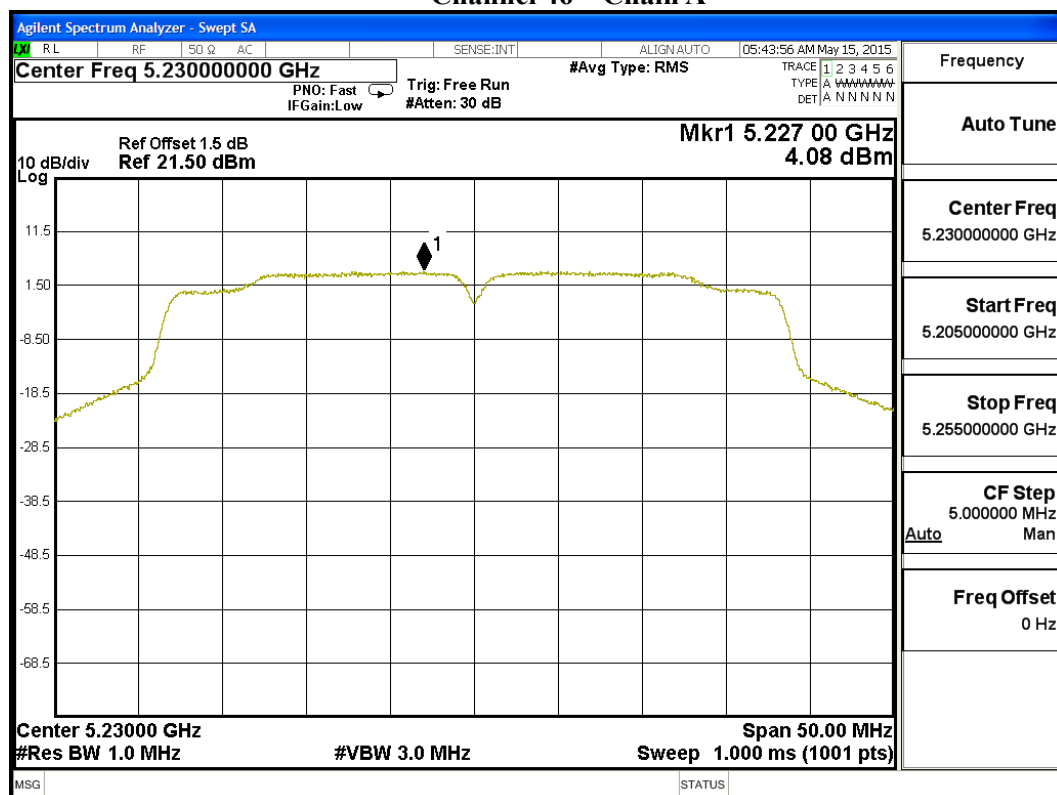
Note:

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

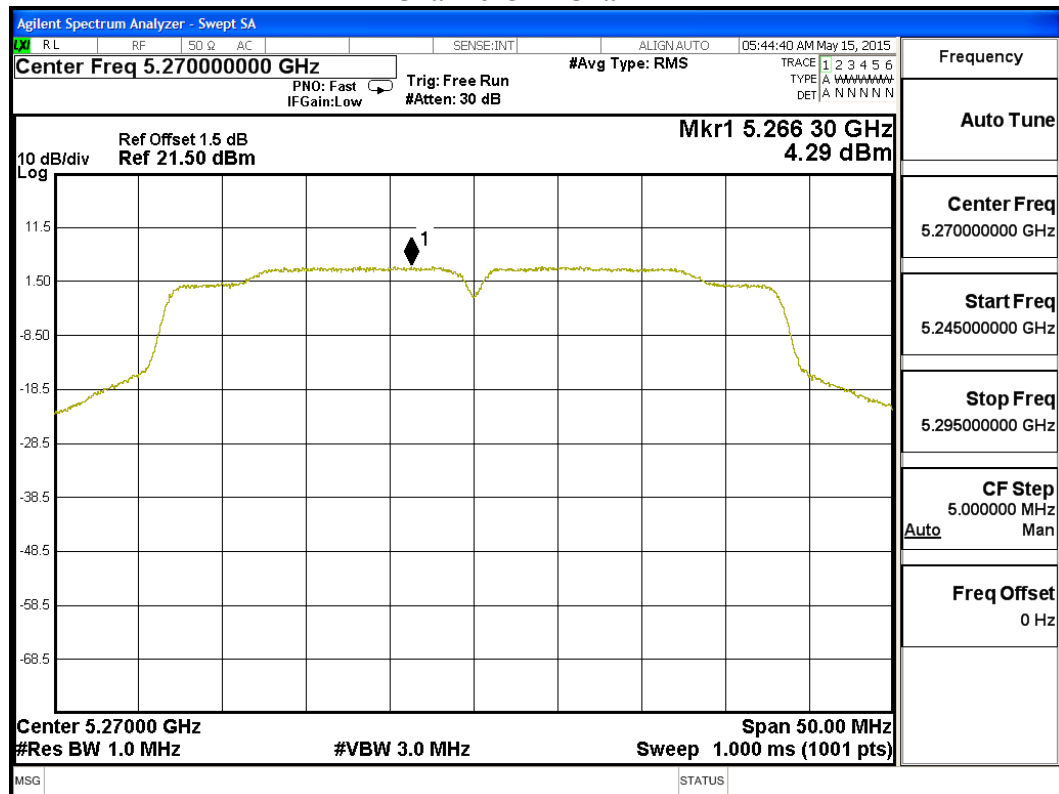
Channel 38 – Chain A



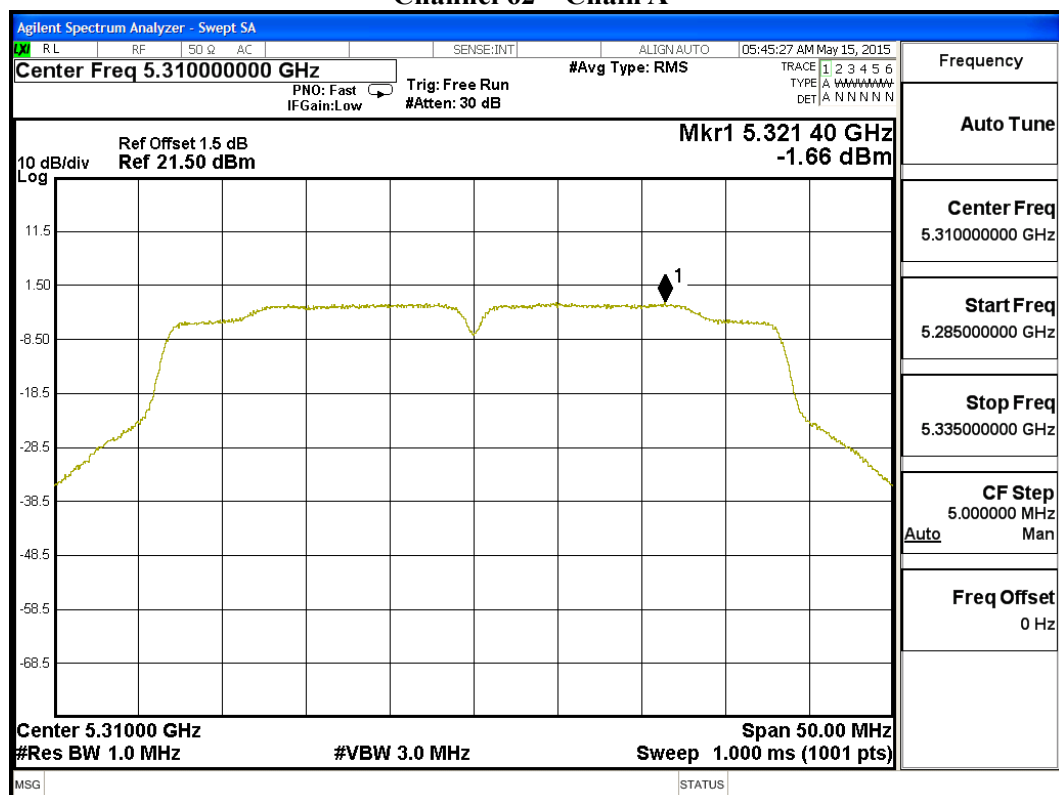
Channel 46 – Chain A



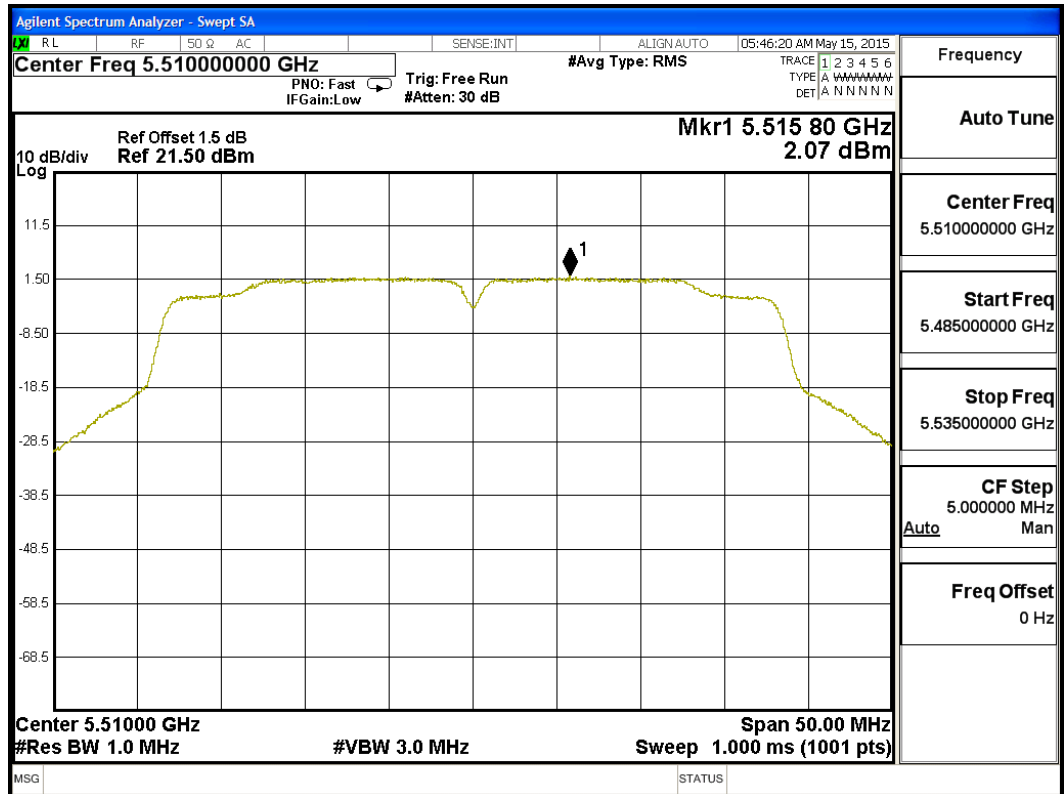
Channel 54 – Chain A



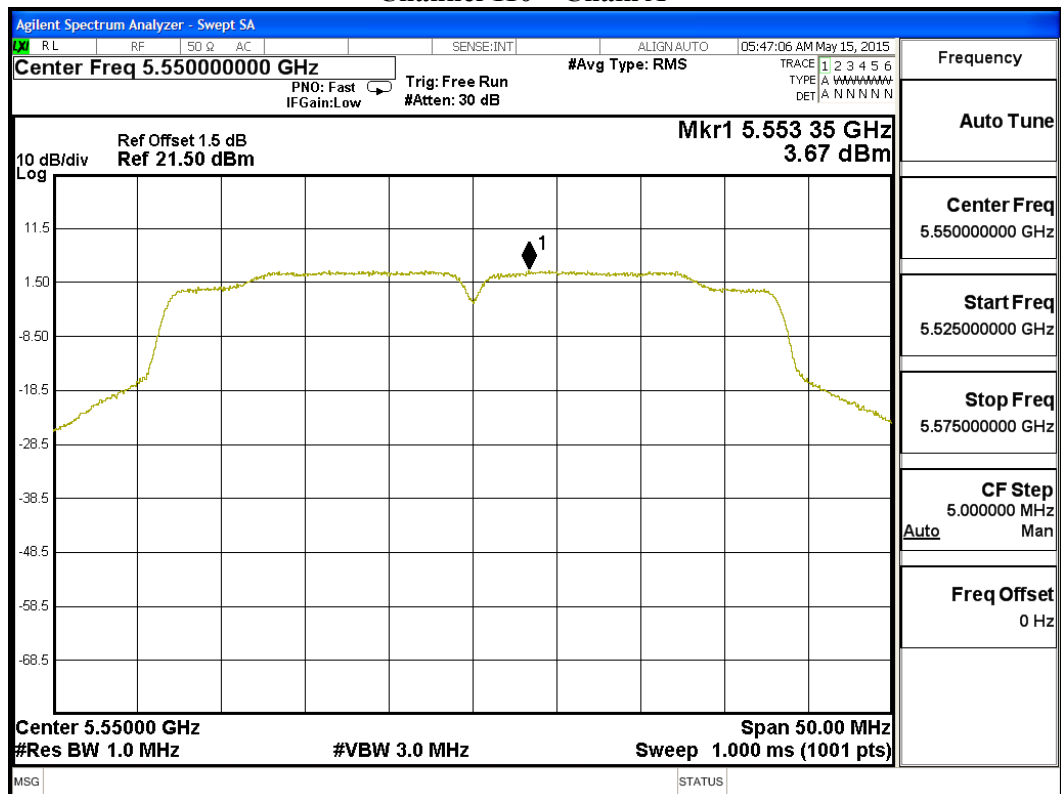
Channel 62 – Chain A



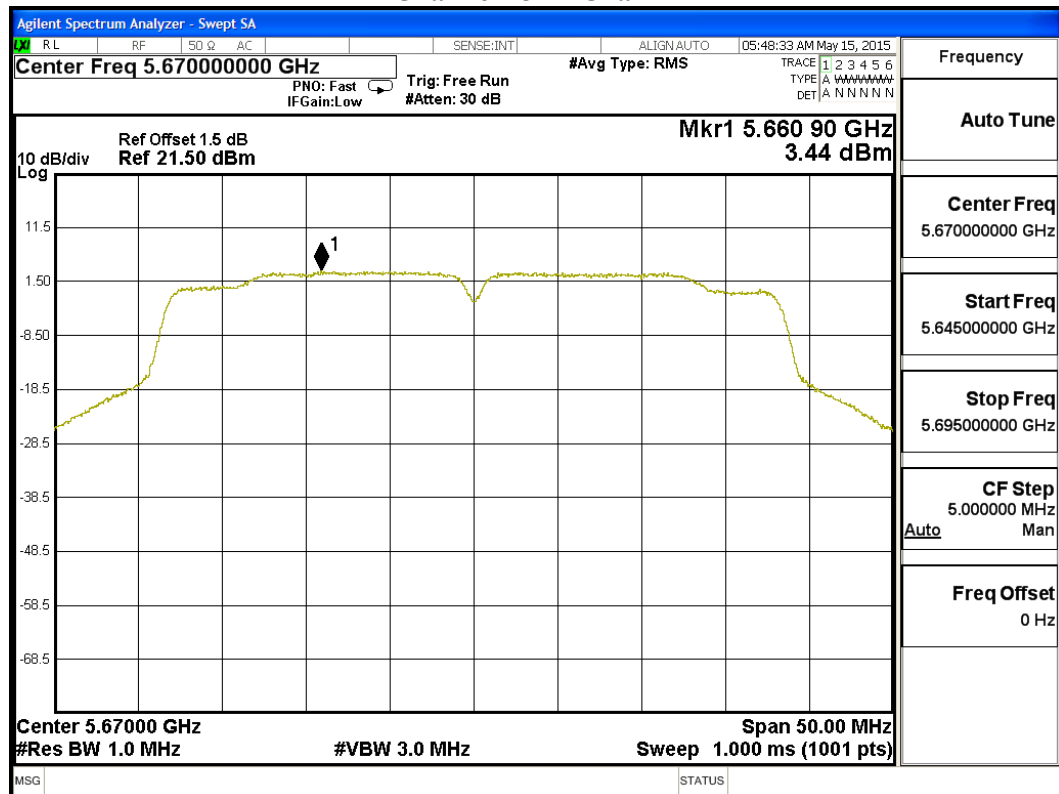
Channel 102 – Chain A



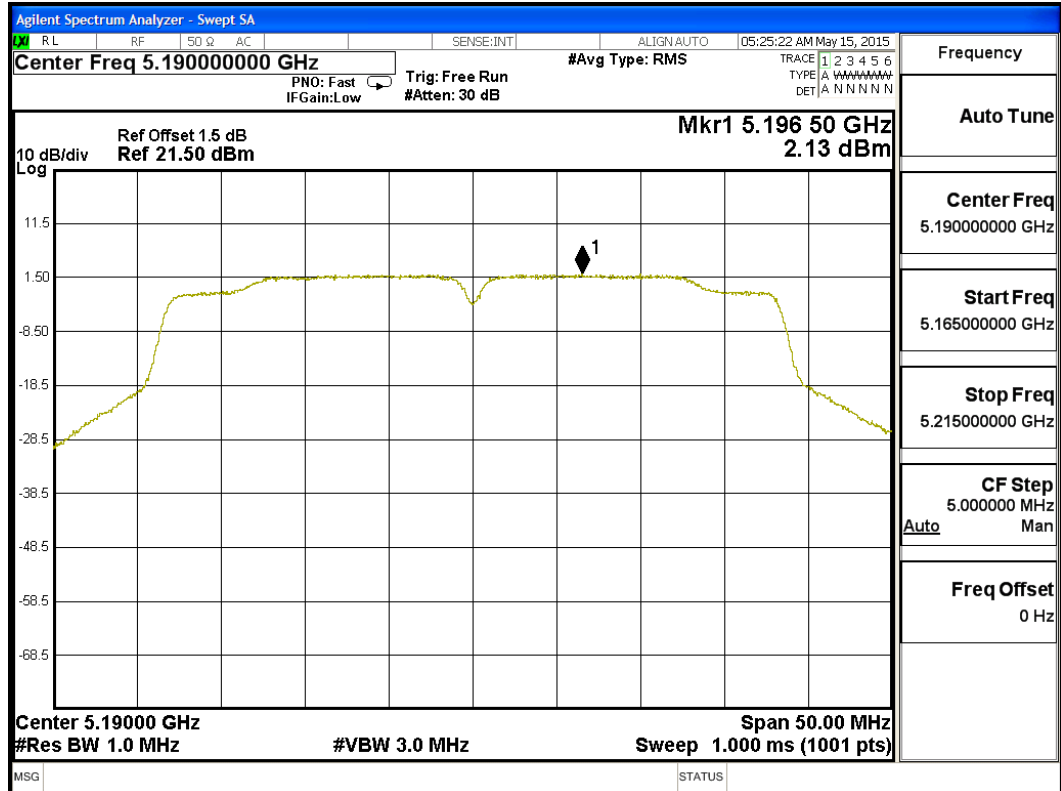
Channel 110 – Chain A



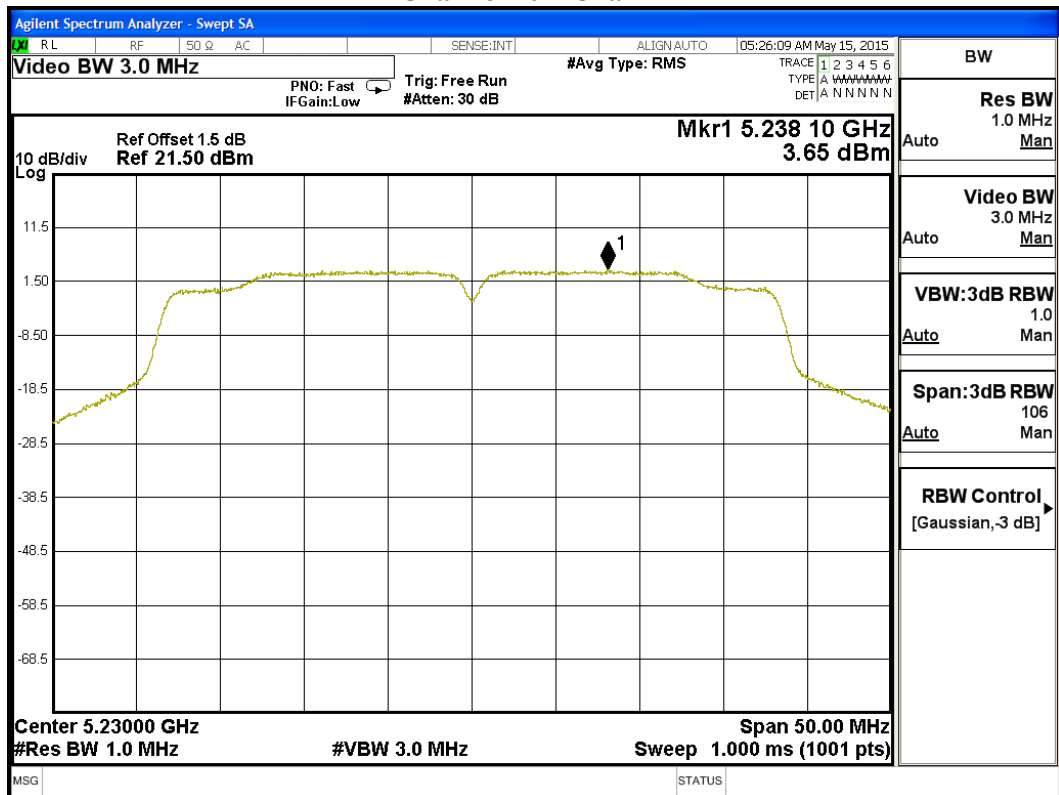
Channel 134 – Chain A



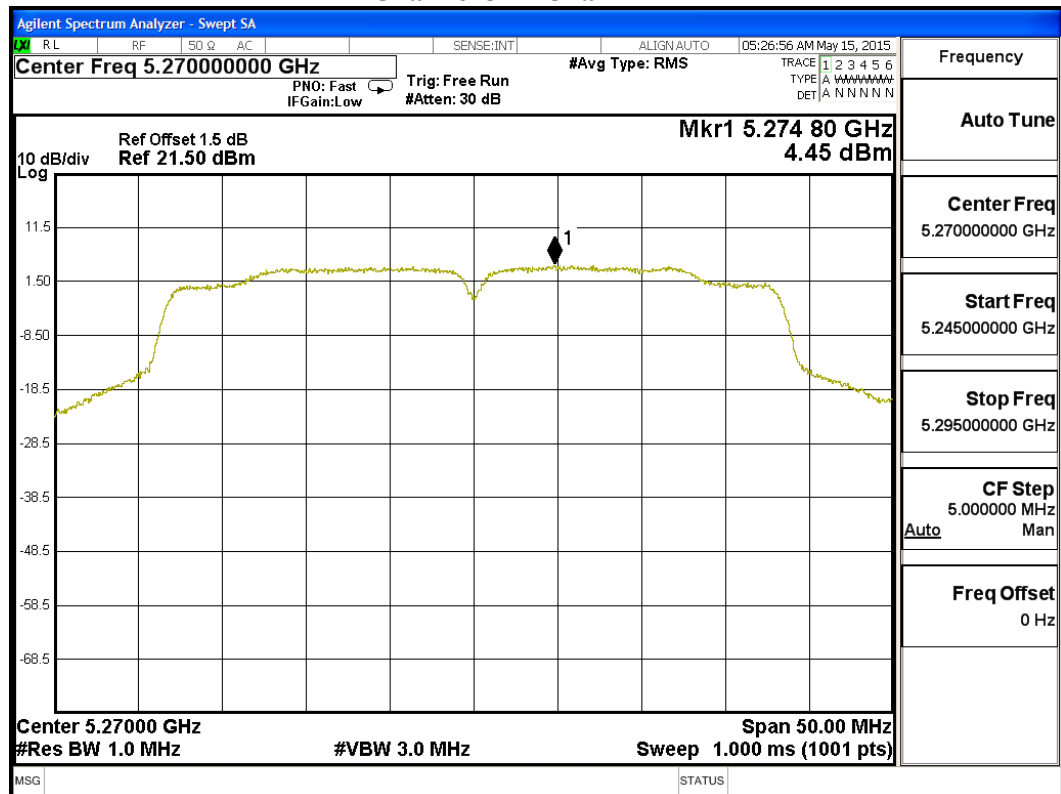
Channel 38 – Chain B



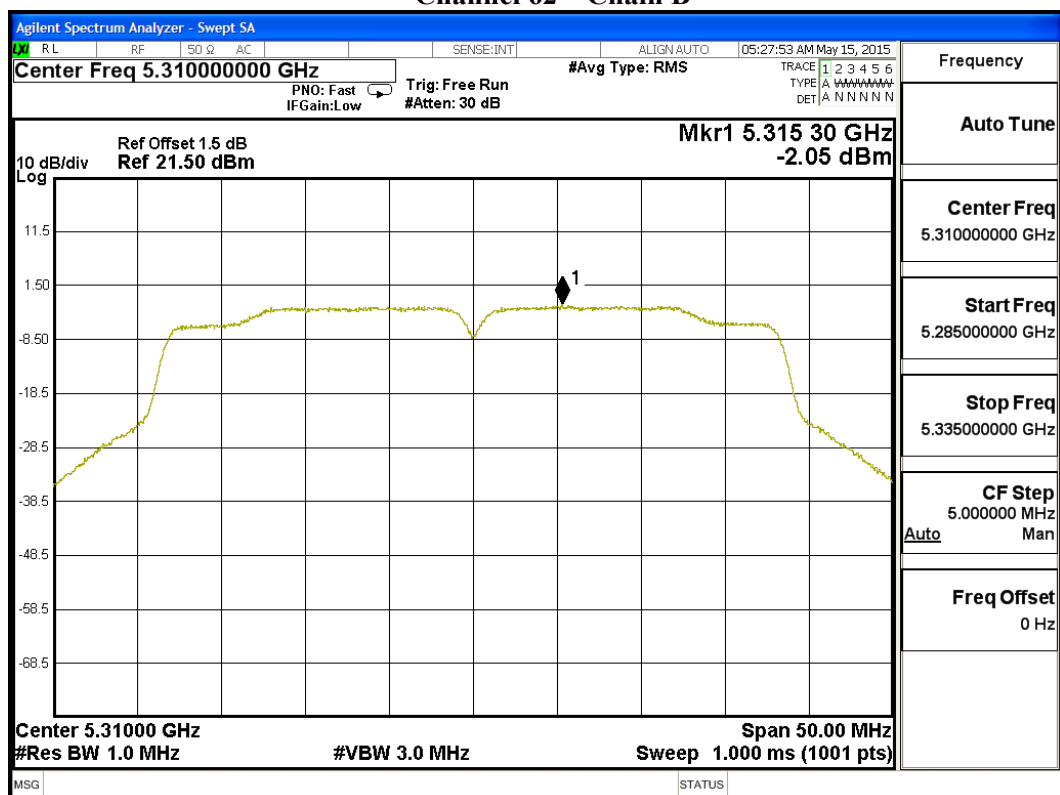
Channel 46 – Chain B



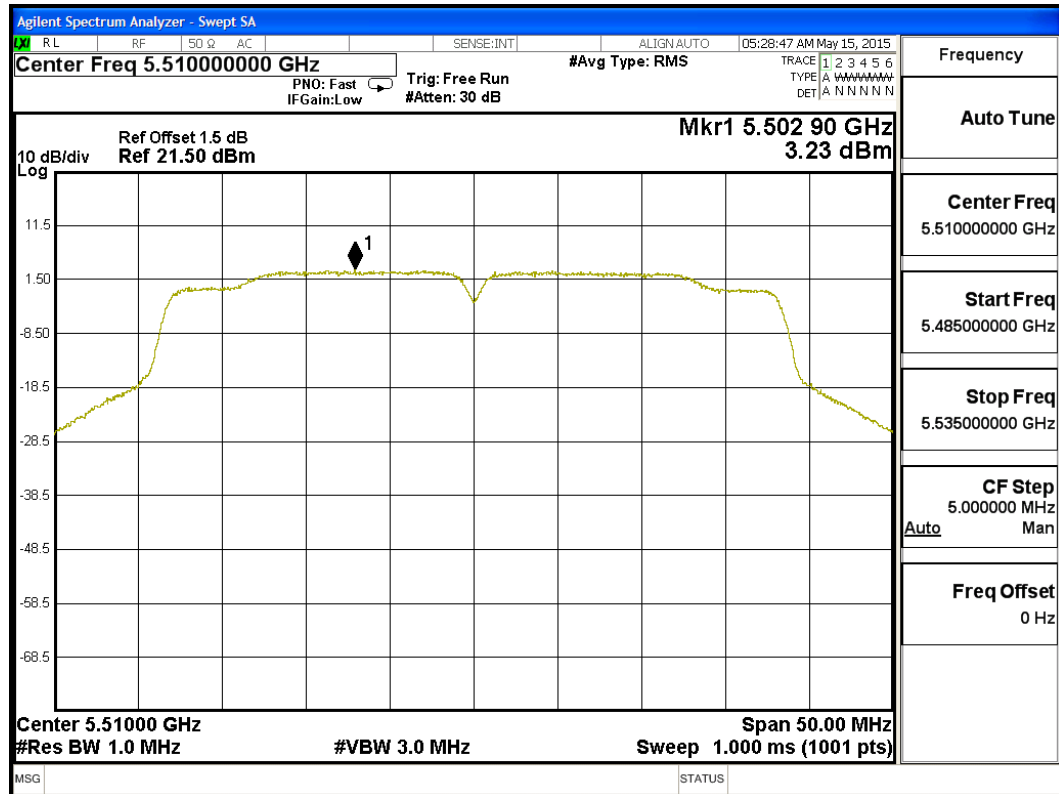
Channel 54 – Chain B



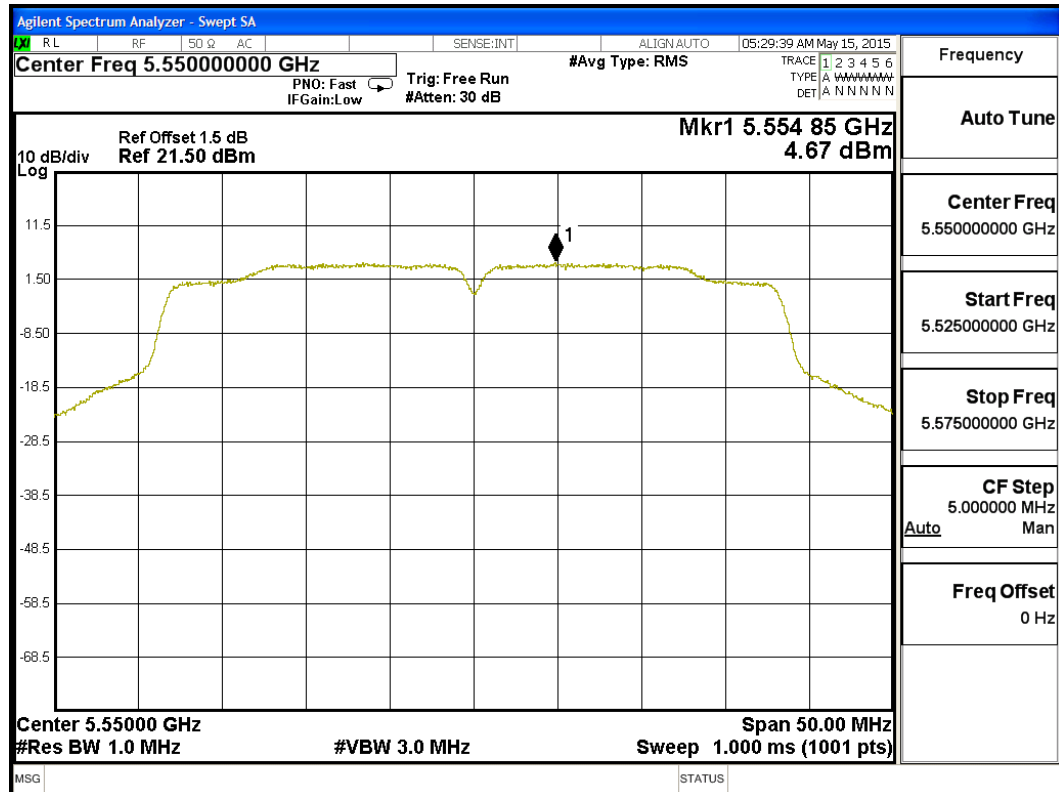
Channel 62 – Chain B



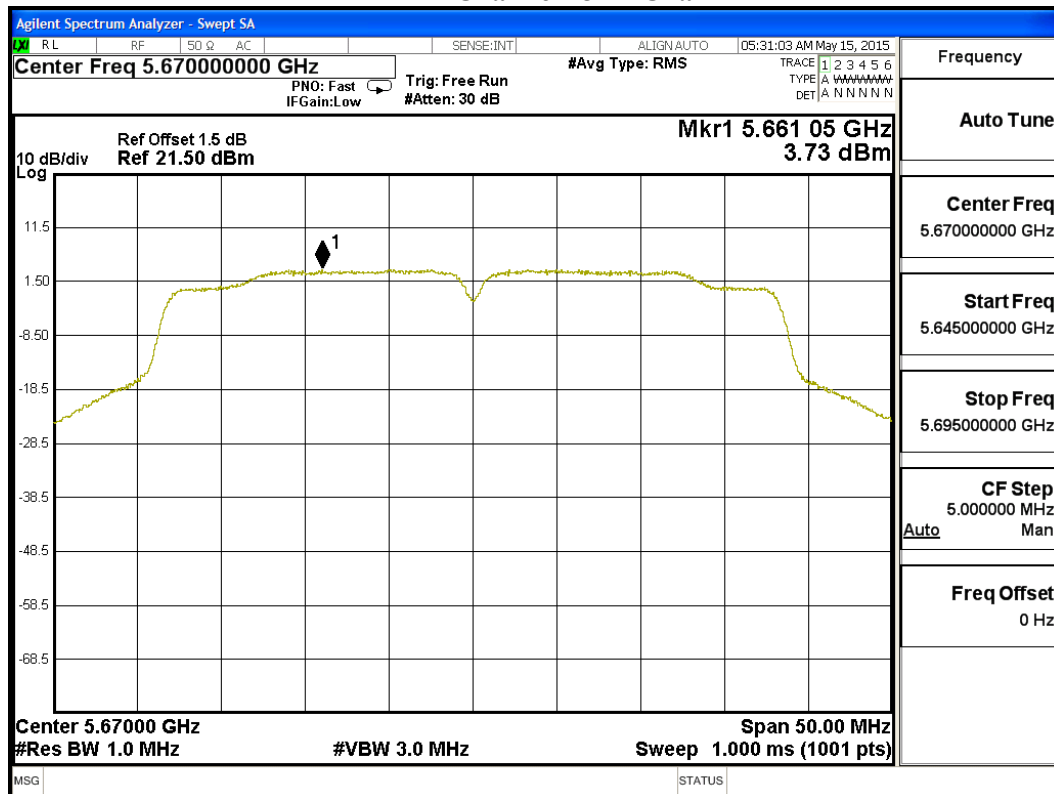
Channel 102 – Chain B



Channel 110 – Chain B



Channel 134 – Chain B



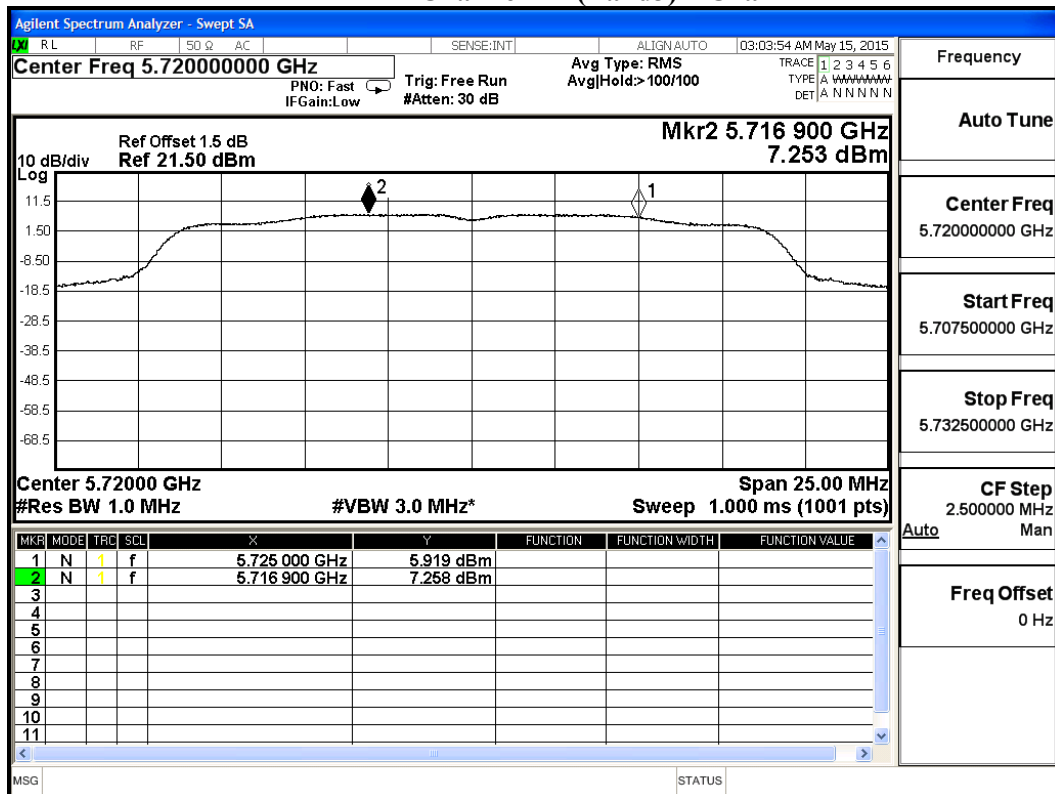
Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11ac-20BW-14.4Mbps Mode 3 MIMO: Transmit (802.11ac-20BW-14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PSD (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

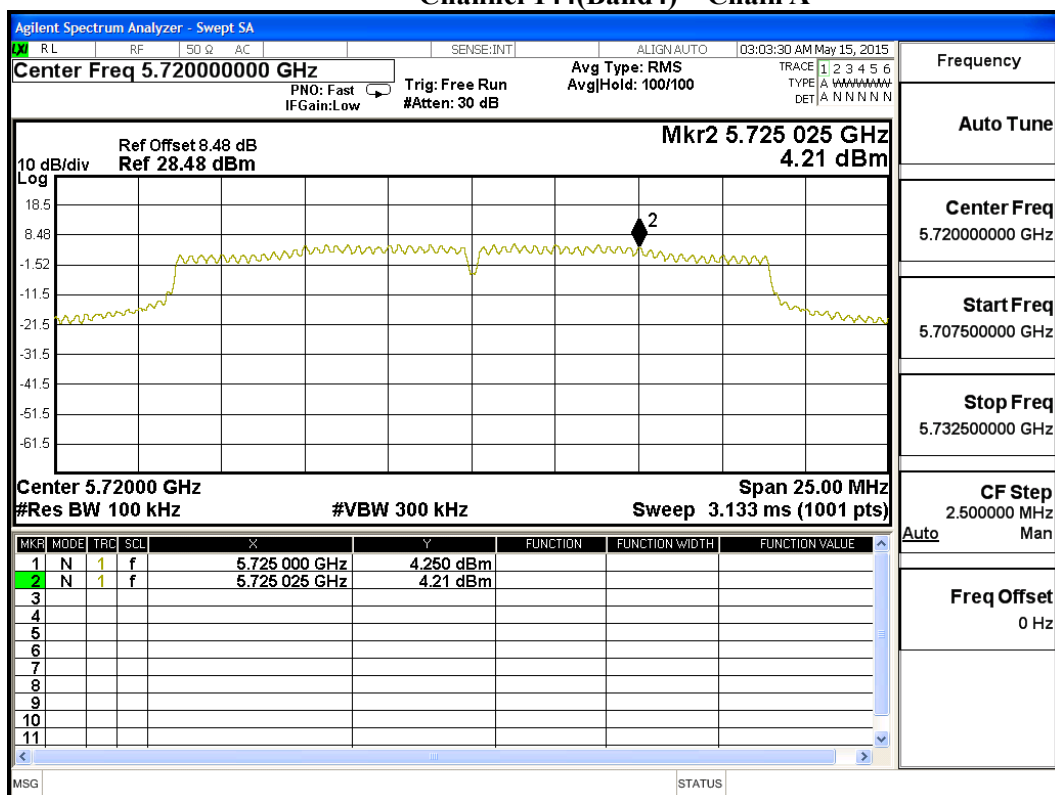
Note:

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

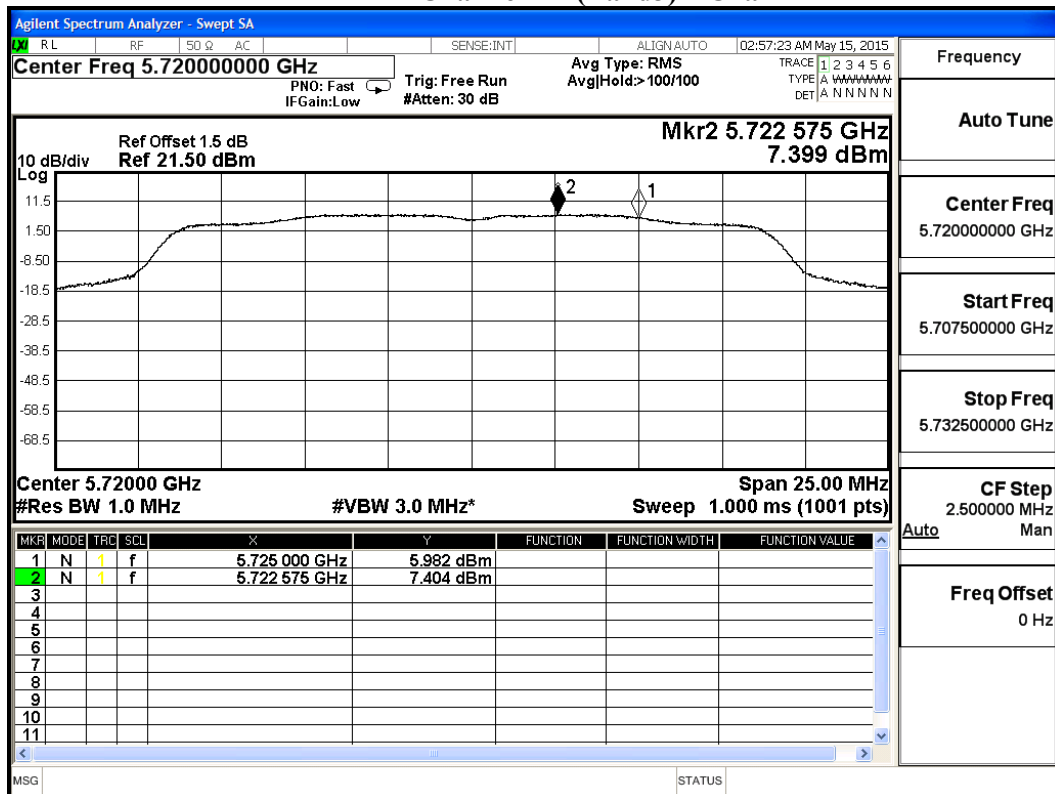
Channel 144(Band3) – Chain A



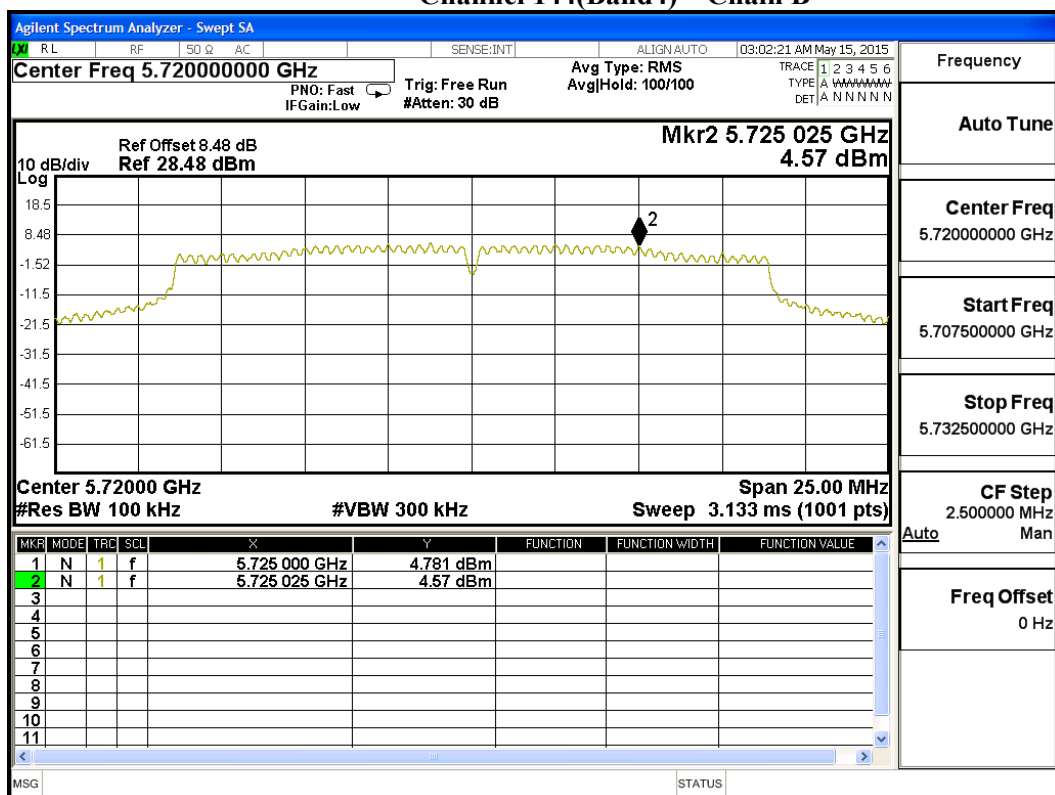
Channel 144(Band4) – Chain A



Channel 144(Band3) – Chain B



Channel 144(Band4) – Chain B



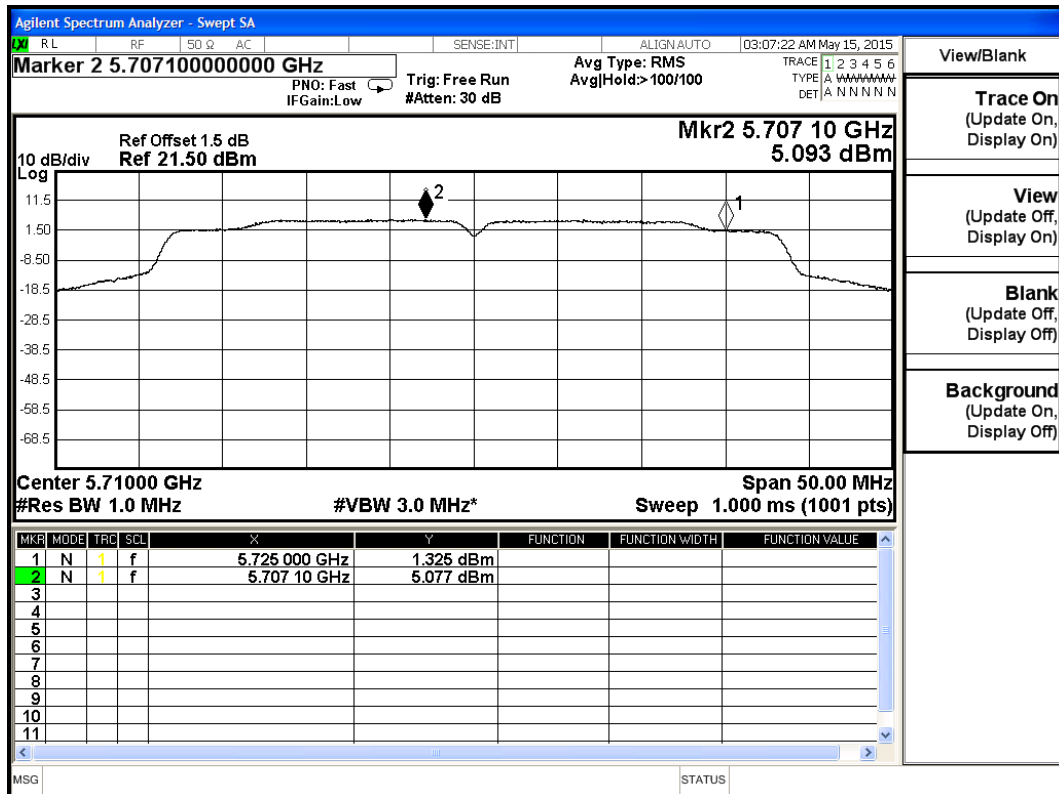
Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11ac-40BW-30Mbps)

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

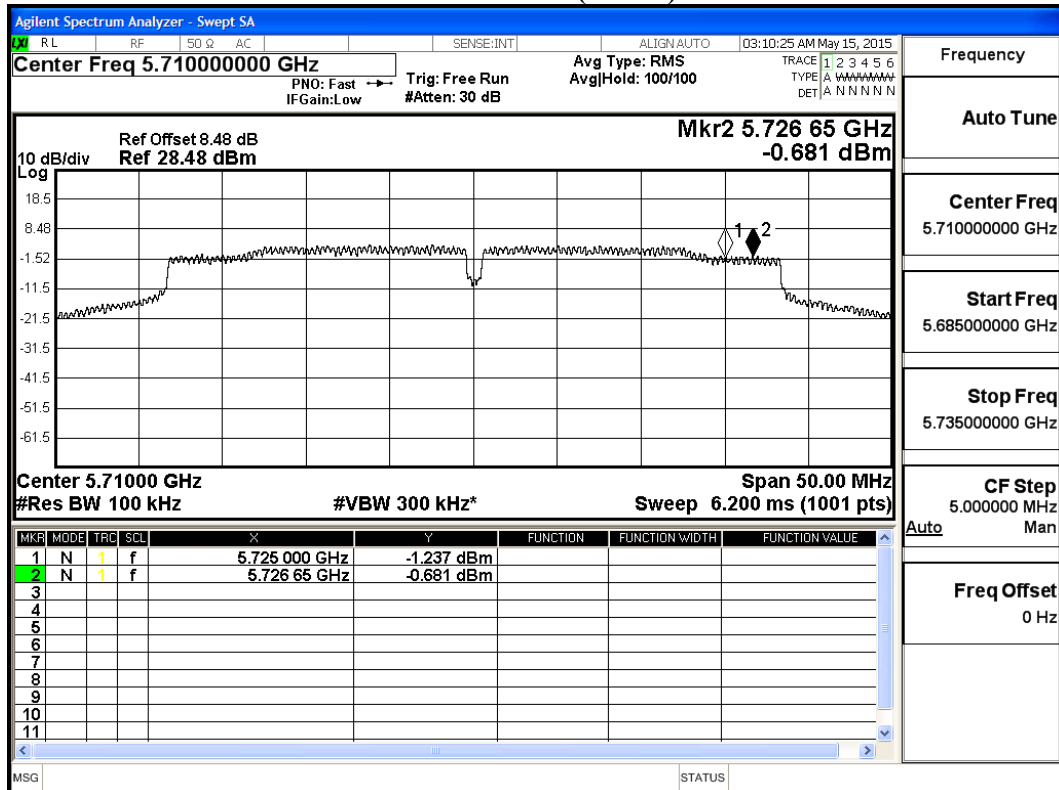
Note:

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

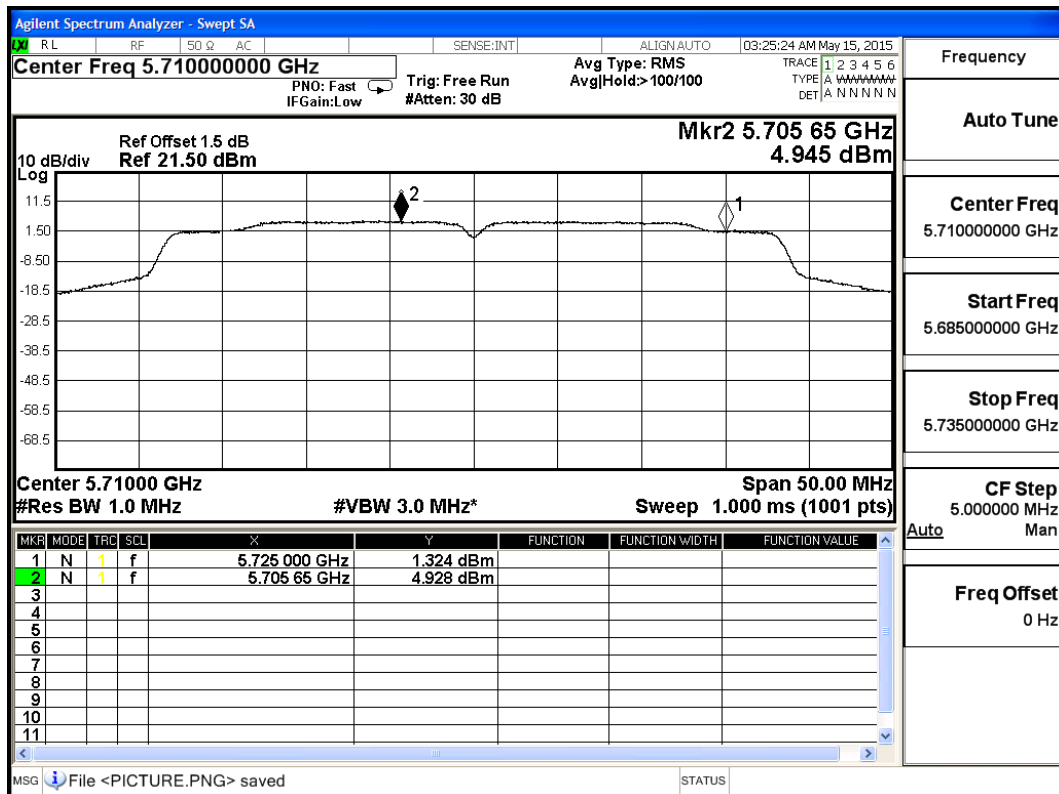
Channel 142(Band 3)– Chain A



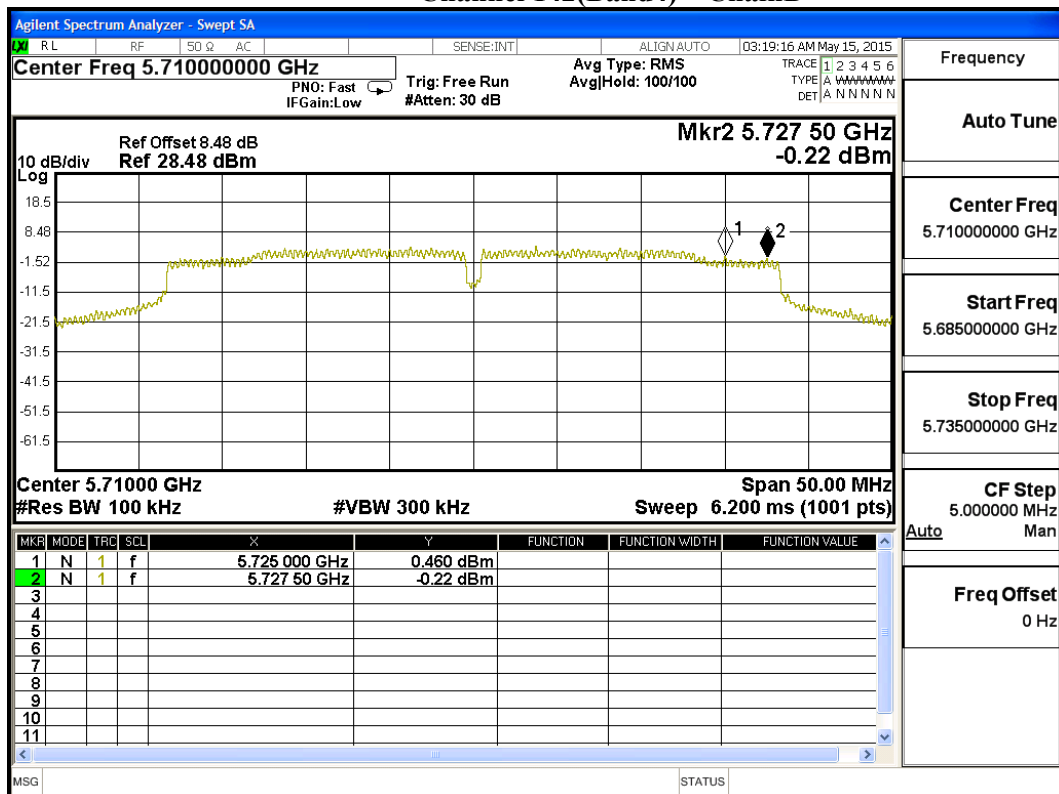
Channel 142(Band4) – ChainA



Channel 142(Band 3)– ChainB



Channel 142(Band4) – ChainB



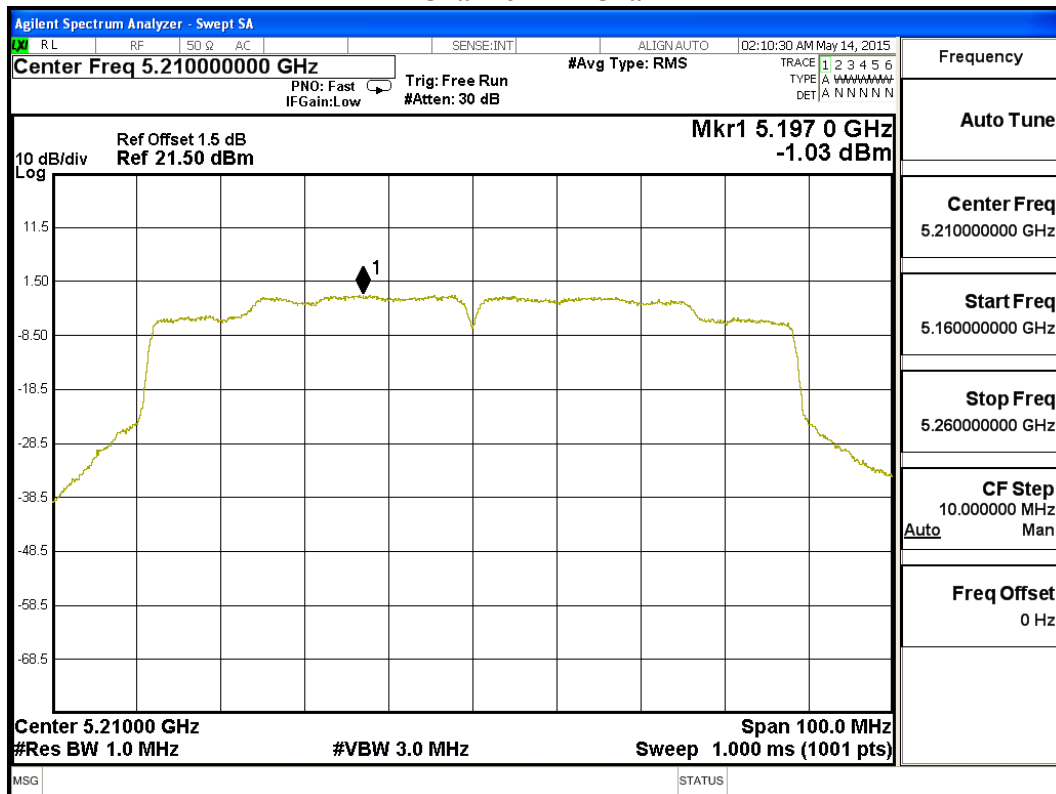
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)

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 $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.
2. Total PPSD = PPSD value + Duty Factor + $10 \cdot \log 2$ + BWCF

Channel 42 – Chain A



Channel 58 – Chain A

