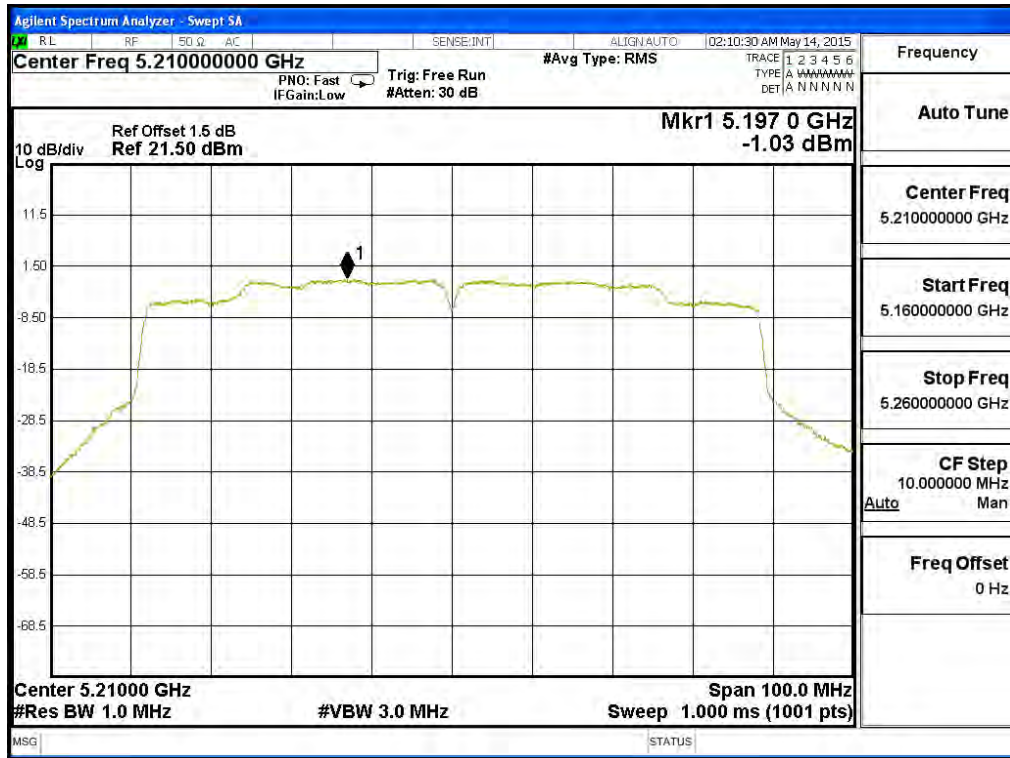


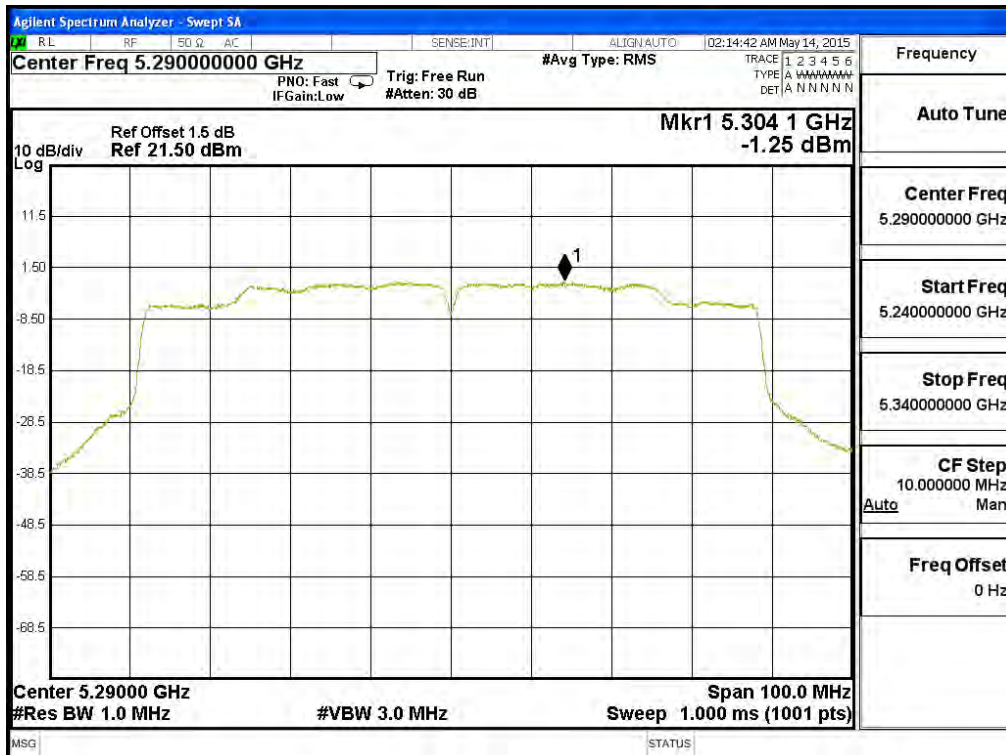
**Maximum conducted output power:**

**Channel 42 – Chain A**

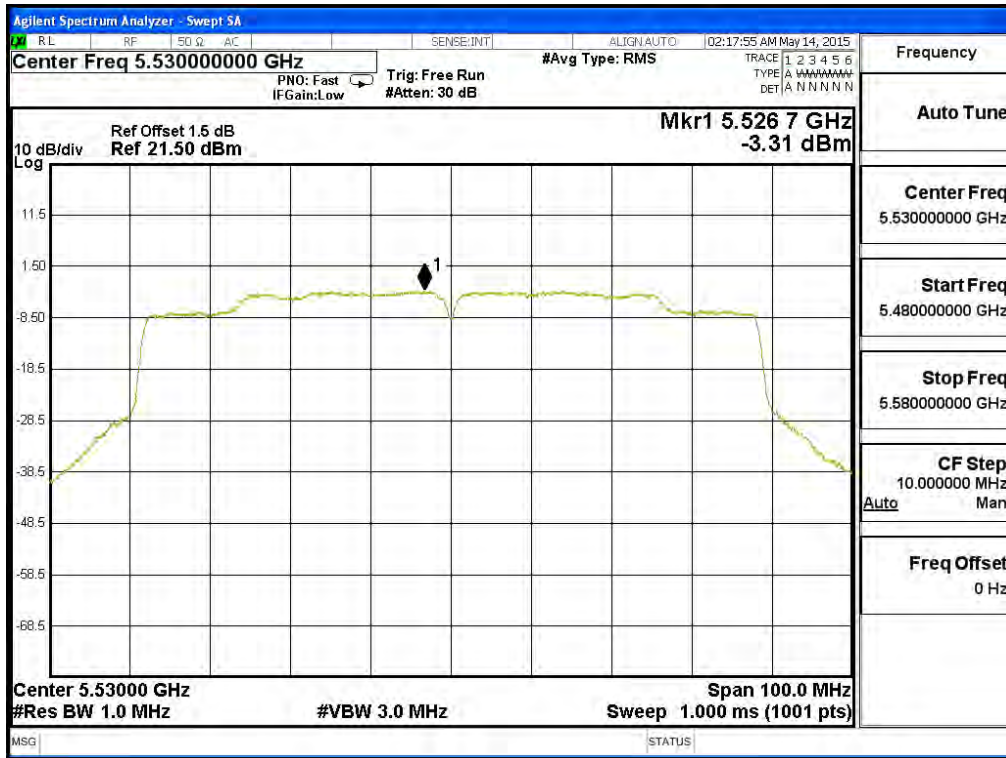


**Maximum conducted output power:**

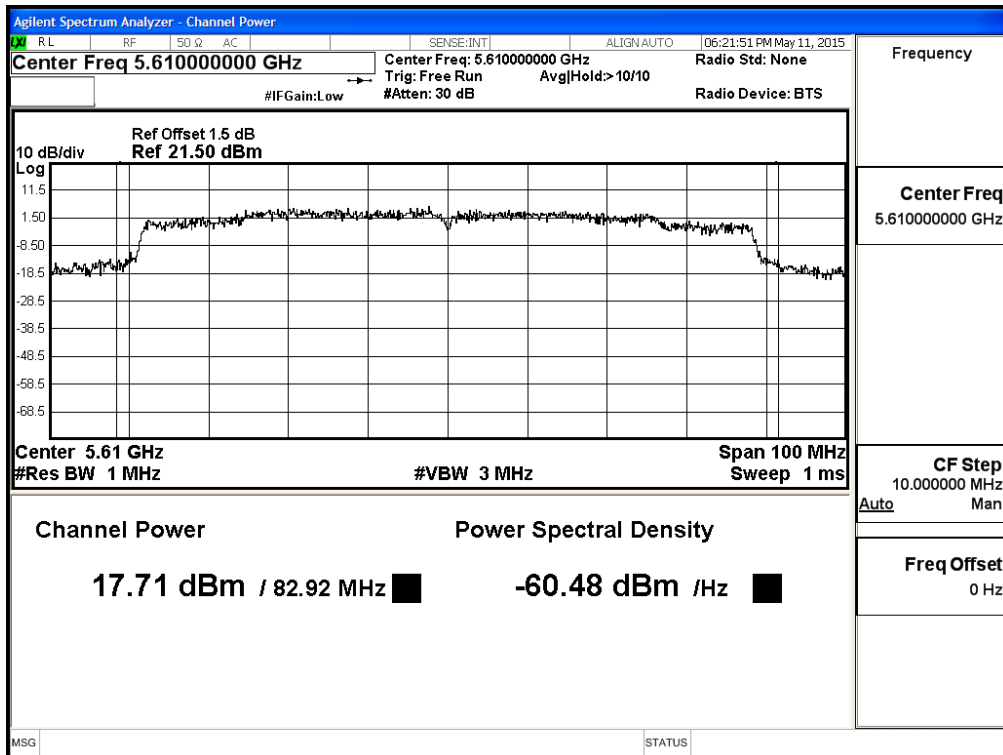
**Channel 58 – Chain A**



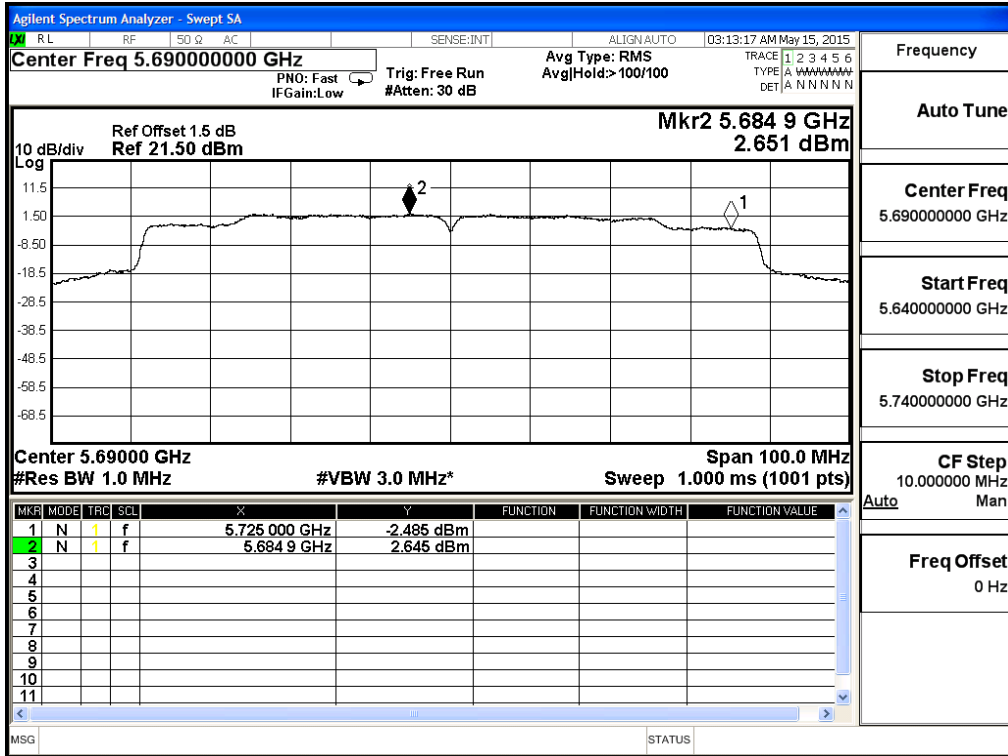
**Maximum conducted output power:  
Channel 106 – Chain A**



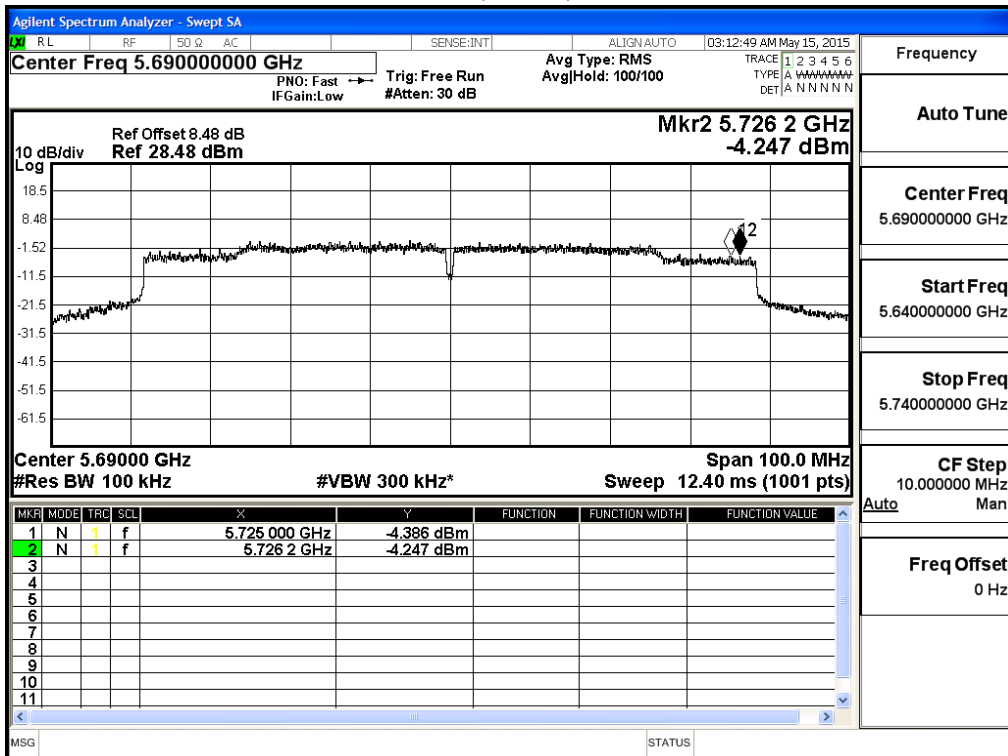
**Maximum conducted output power:  
Channel 122 – Chain A**



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



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



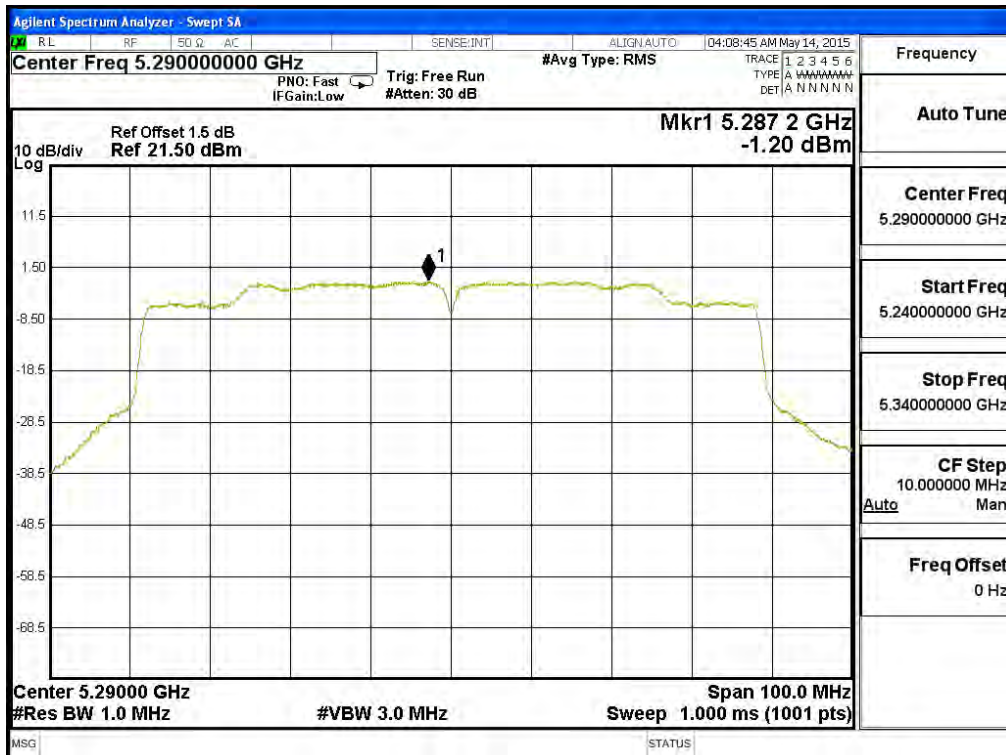
**Maximum conducted output power:**

**Channel 42 – Chain B**



**Maximum conducted output power:**

**Channel 58 – Chain B**



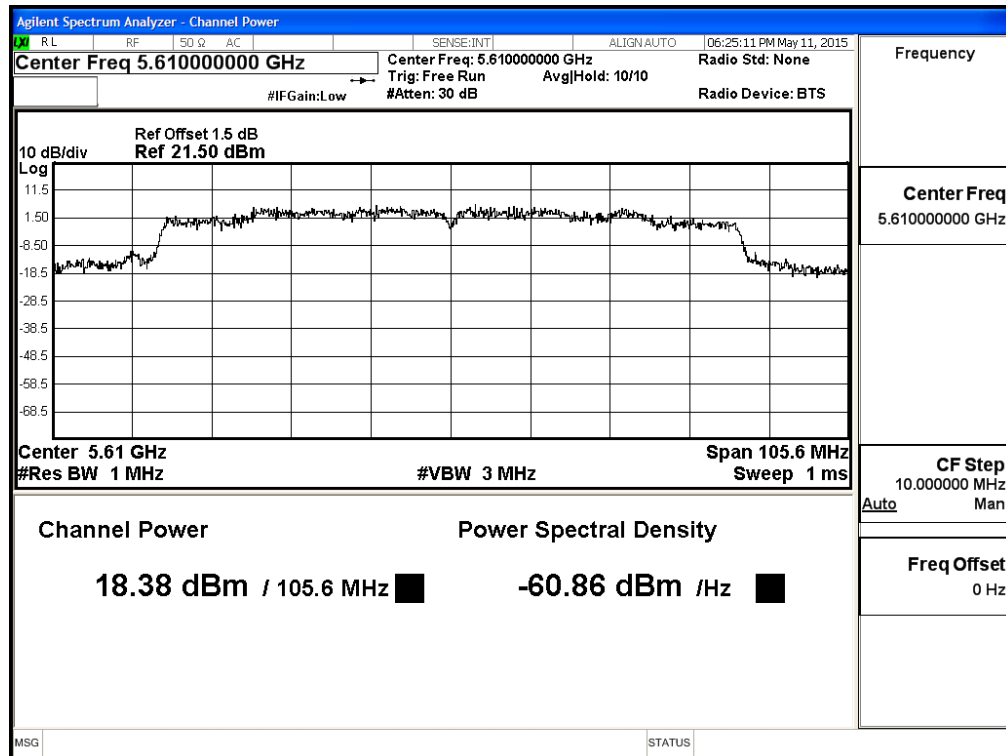
**Maximum conducted output power:**

**Channel 106 – Chain B**

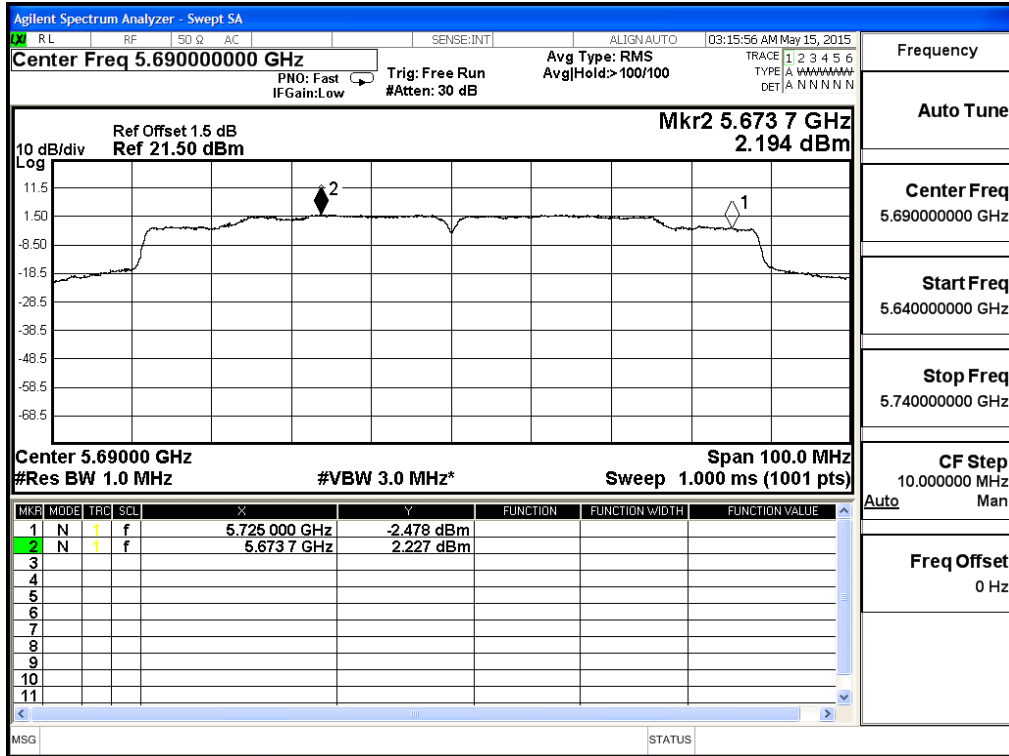


**Maximum conducted output power:**

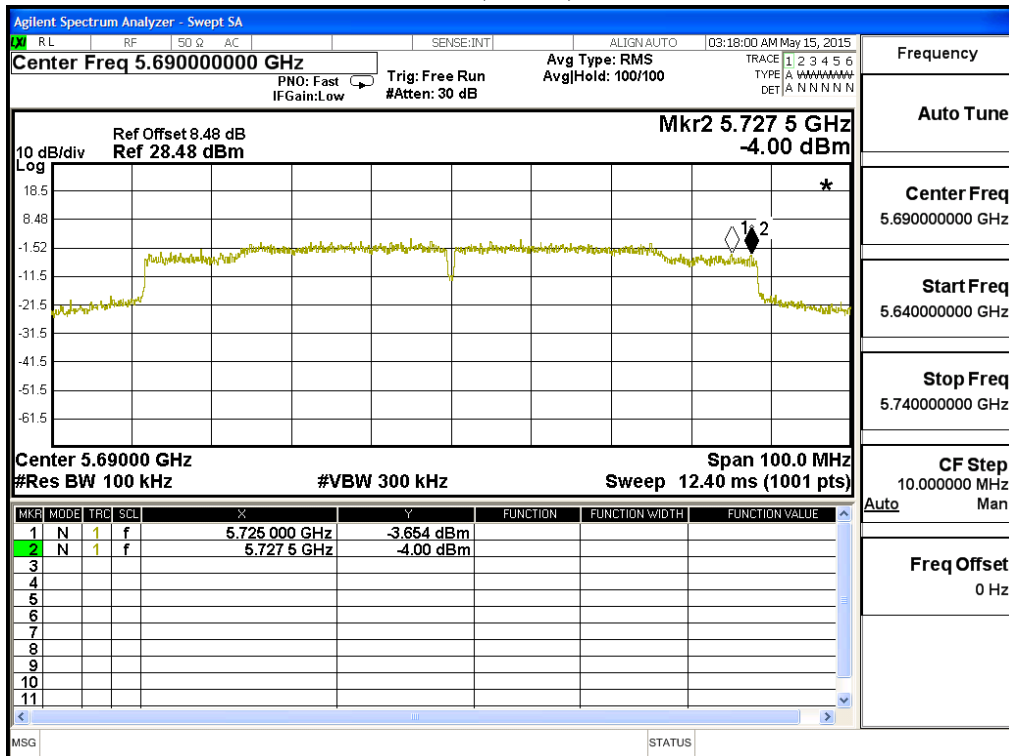
**Channel 122 – Chain B**



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



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



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Maximum conducted output power  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps)

**CHAIN A**

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	
		Measurement Level (dBm)								
36	5180	18.75	--	--	--	--	--	--	--	<24dBm
44	5220	18.18	18.06	17.96	17.84	17.76	17.66	17.53	17.48	<24dBm
48	5240	18.16	--	--	--	--	--	--	--	<24dBm
52	5260	18.34	--	--	--	--	--	--	--	<24dBm
60	5300	18.15	18.04	17.93	17.84	17.73	17.68	17.55	17.42	<24dBm
64	5320	17.43	--	--	--	--	--	--	--	<24dBm
100	5500	17.18	--	--	--	--	--	--	--	<24dBm
116	5580	17.96	17.84	17.76	17.63	17.58	17.49	17.32	17.22	<24dBm
140	5700	18.09	--	--	--	--	--	--	--	<24dBm

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
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	
		Measurement Level (dBm)								
36	5180	18.22	--	--	--	--	--	--	--	<24dBm
44	5220	18.16	18.05	17.93	17.84	17.75	17.63	17.54	17.42	<24dBm
48	5240	17.85	--	--	--	--	--	--	--	<24dBm
52	5260	17.86	--	--	--	--	--	--	--	<24dBm
60	5300	17.87	17.76	17.69	17.54	17.42	17.38	17.22	17.18	<24dBm
64	5320	17.73	--	--	--	--	--	--	--	<24dBm
100	5500	17.51	--	--	--	--	--	--	--	<24dBm
116	5580	18.11	18.02	17.94	17.83	17.74	17.61	17.58	17.44	<24dBm
140	5700	18.01	--	--	--	--	--	--	--	<24dBm

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

**Maximum conducted output power Measurement:**
**(CHAIN A+ B)**

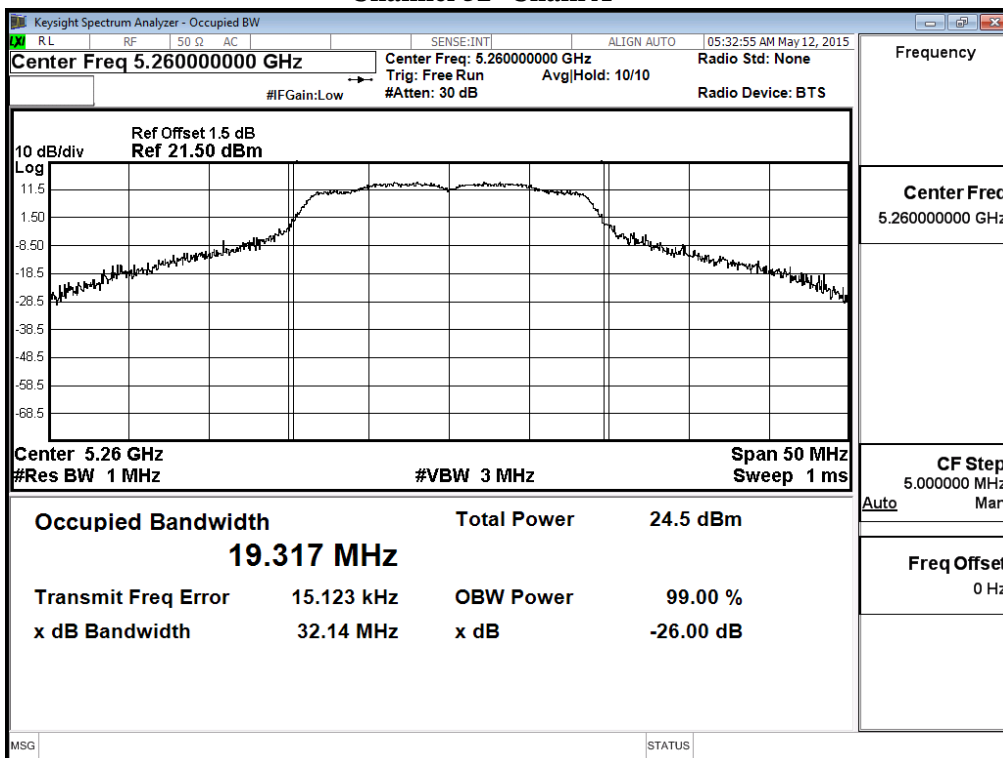
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dB)	Output Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
36	5180	--	18.75	18.22	0.09	21.59	24	--
44	5220	--	18.18	18.16	0.09	21.27	24	--
48	5240	--	18.16	17.85	0.09	21.11	24	--
52	5260	19.317	18.34	17.86	0.09	21.21	24	23.86
60	5300	19.224	18.15	17.87	0.09	21.11	24	23.84
64	5320	18.919	17.43	17.73	0.09	20.68	24	23.77
100	5500	18.632	17.18	17.51	0.09	20.45	24	23.70
116	5580	18.722	17.96	18.11	0.09	21.14	24	23.72
140	5700	18.728	18.09	18.01	0.09	21.15	24	23.72

Note:

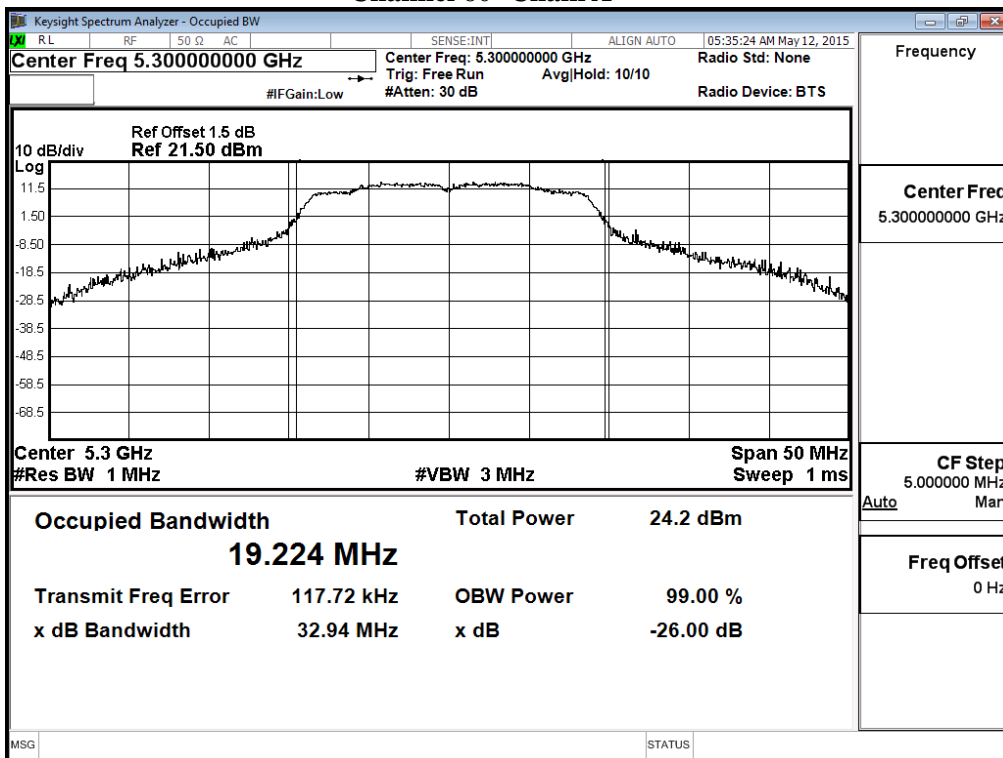
1. Total Output Power (dBm) = 10LOG (Chain A Power (mW) + Chain B Power (mW)) + Duty Factor.
2. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.



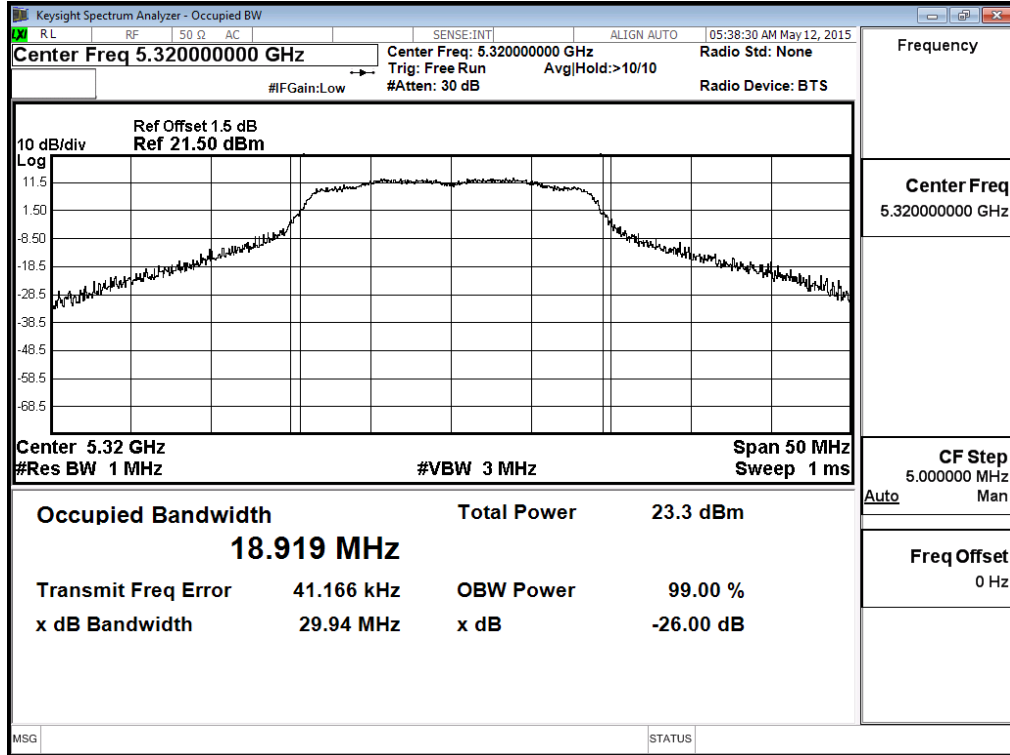
### 99% Occupied Bandwidth: Channel 52 -Chain A



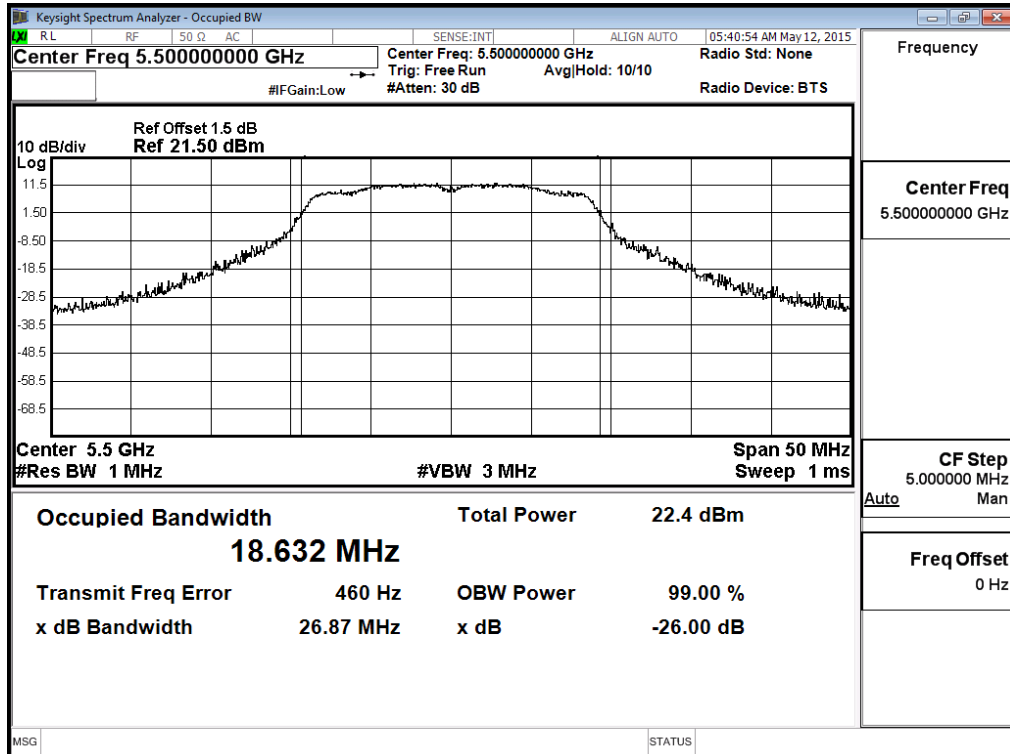
### Channel 60 -Chain A



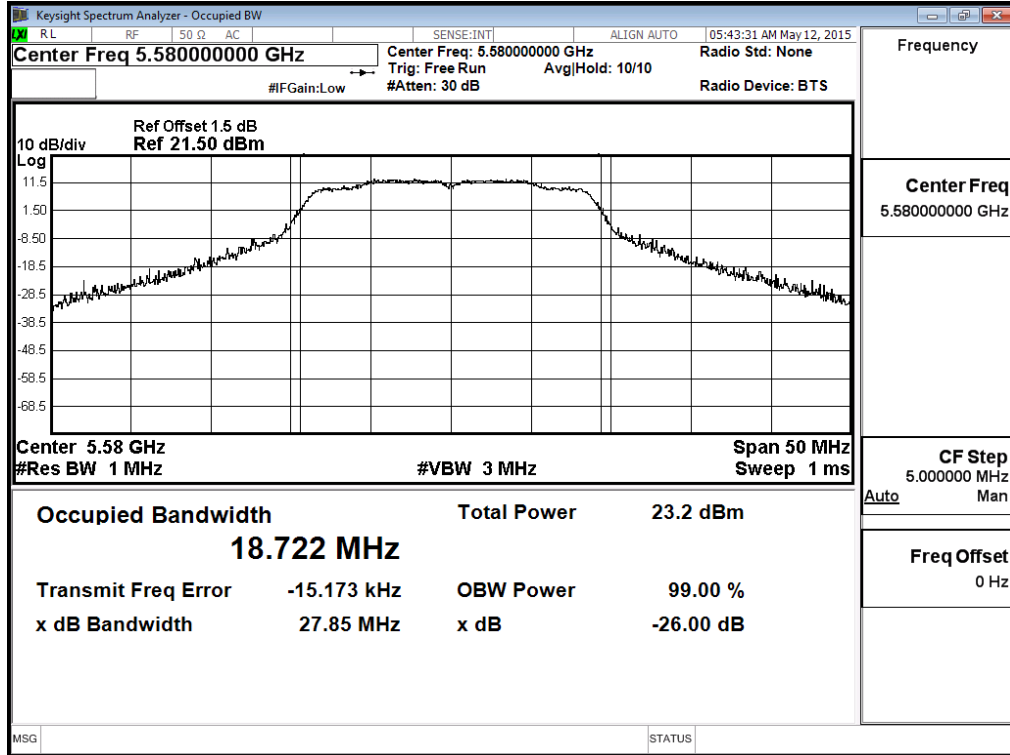
### Channel 64 -Chain A



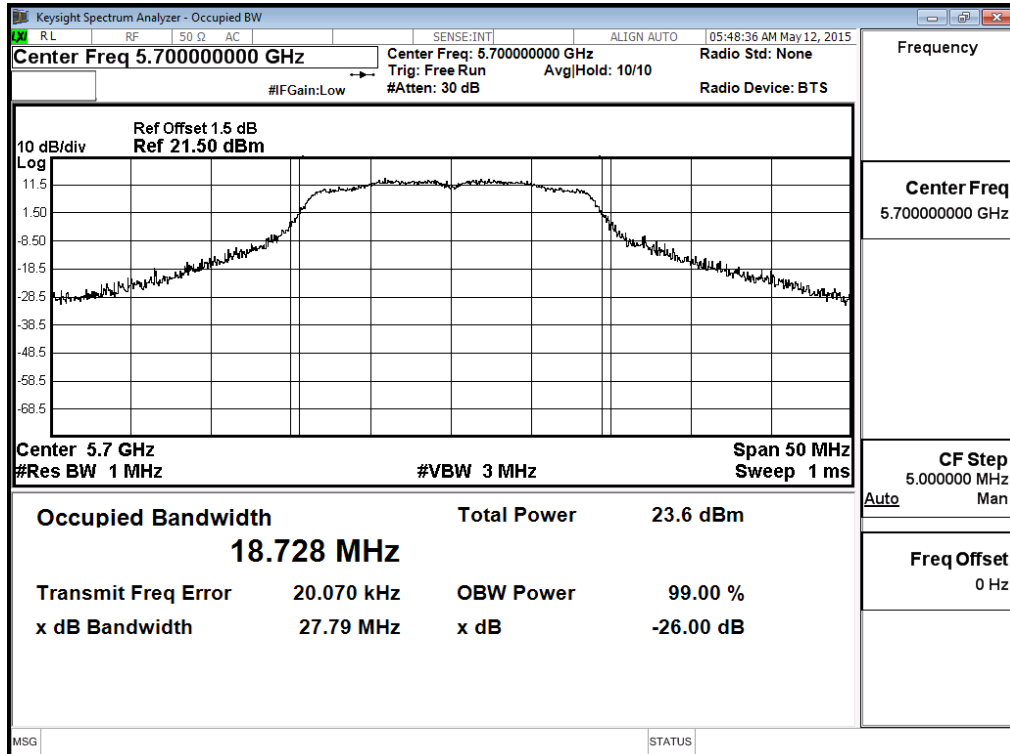
### Channel 100 -Chain A



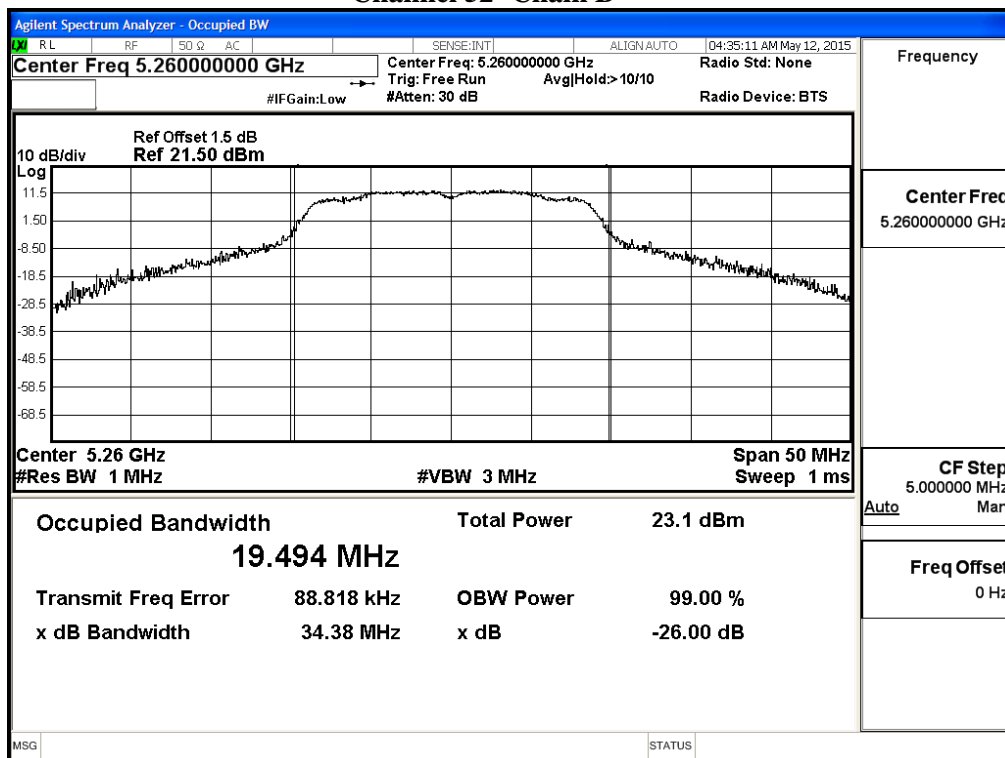
### Channel 116 -Chain A



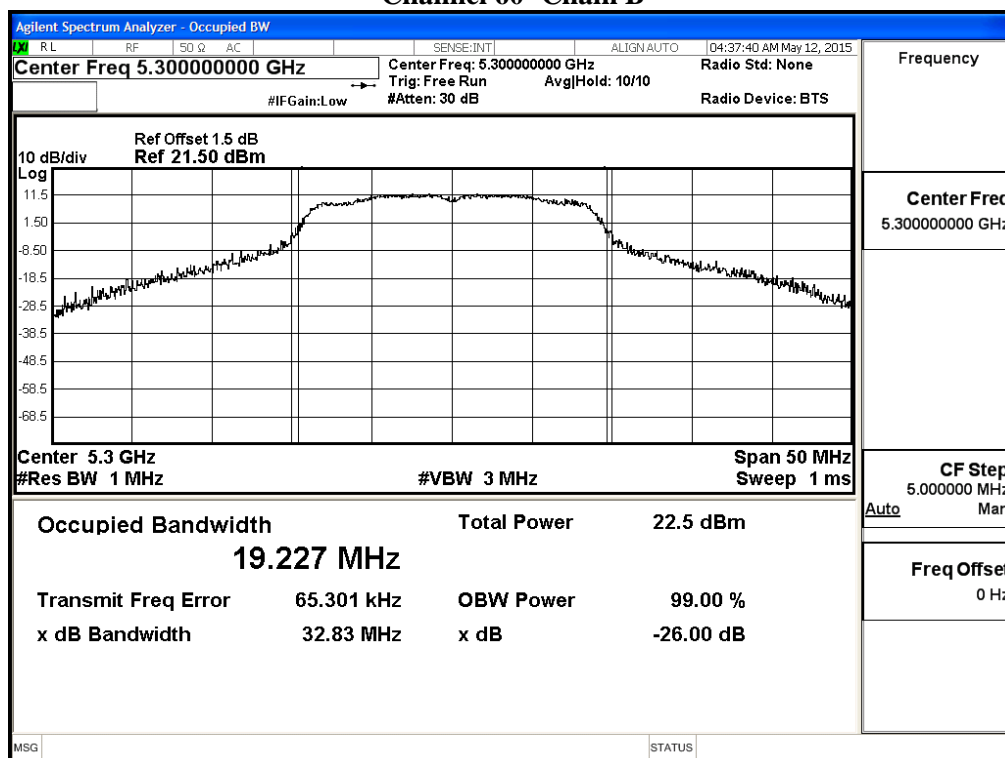
### Channel 140 -Chain A



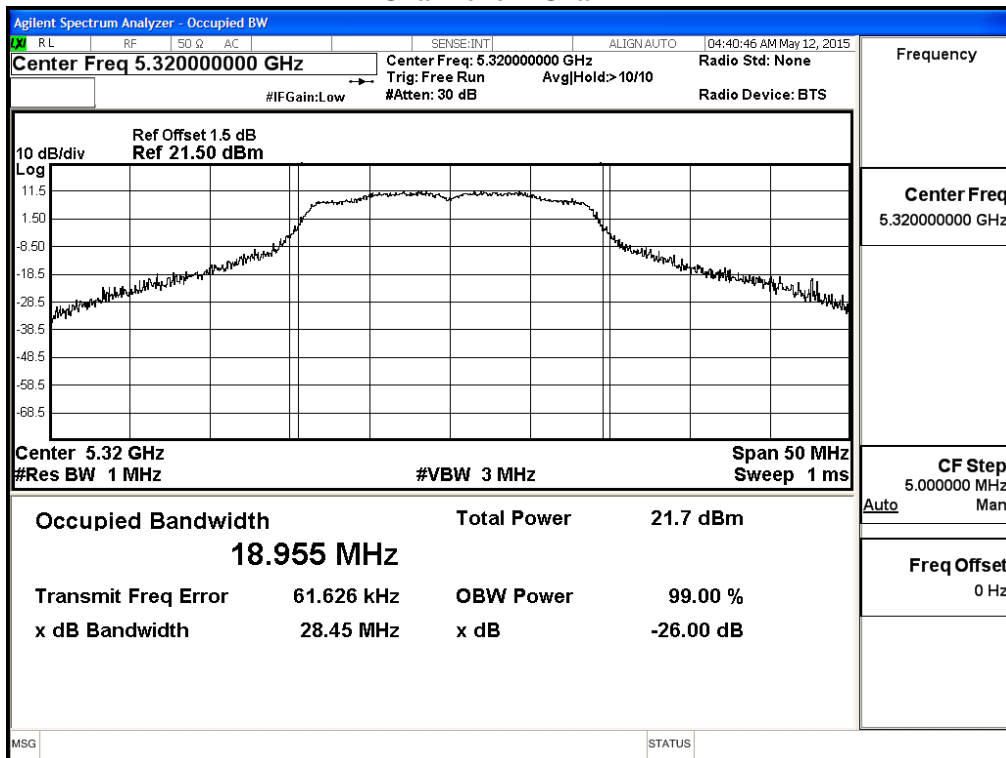
### 99% Occupied Bandwidth: Channel 52 -Chain B



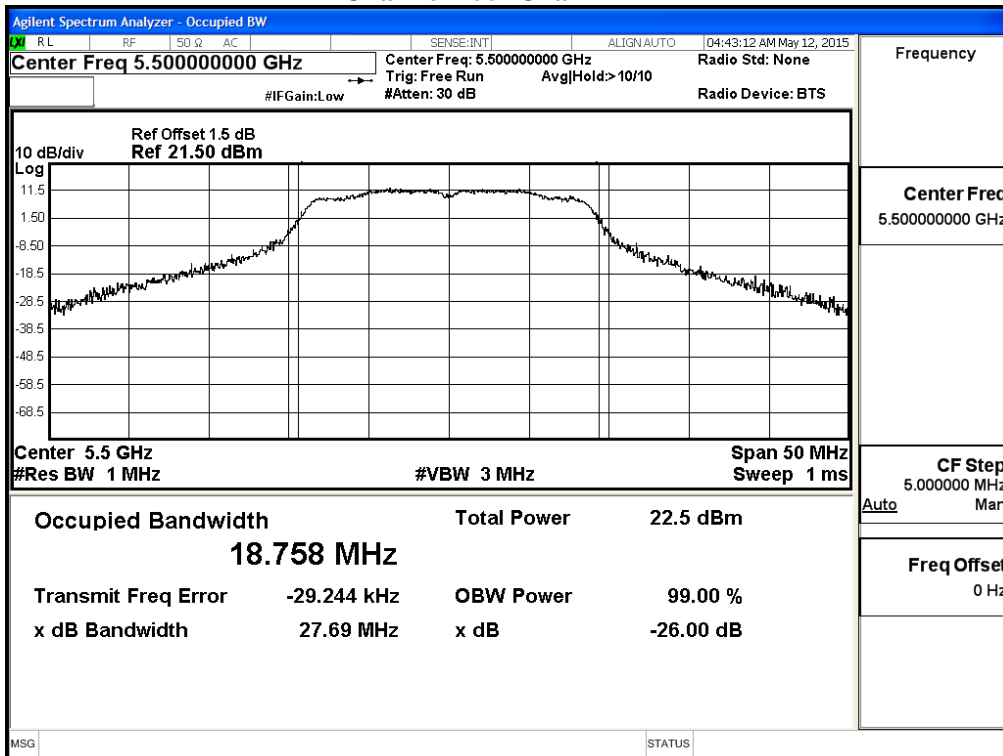
### Channel 60 -Chain B



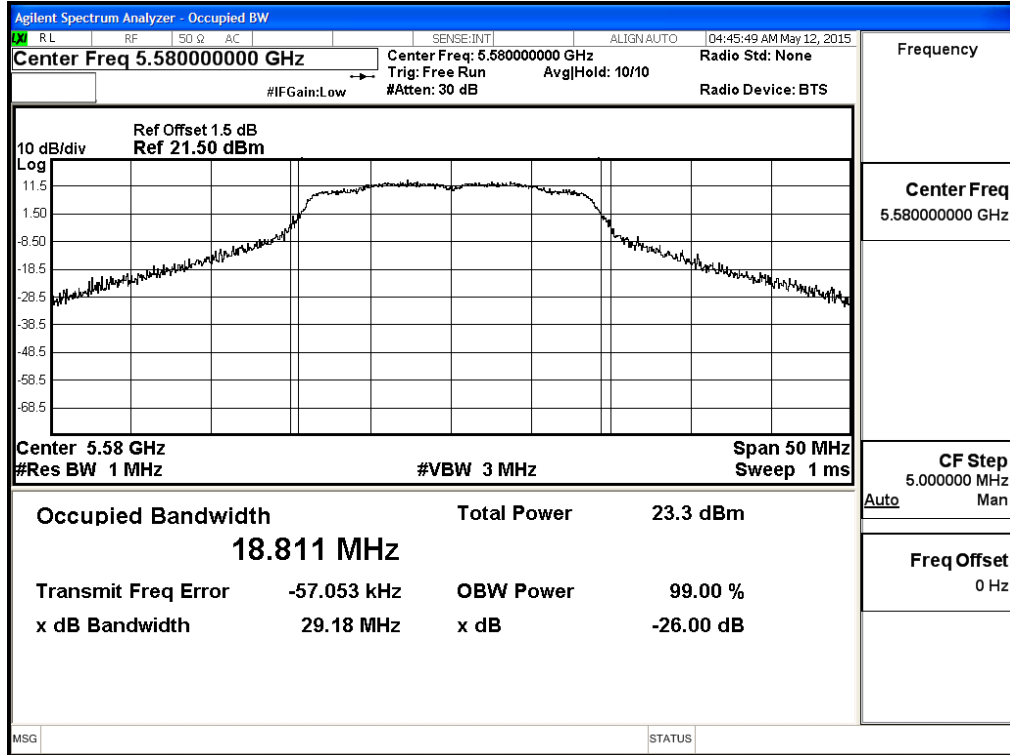
**Channel 64 -Chain B**



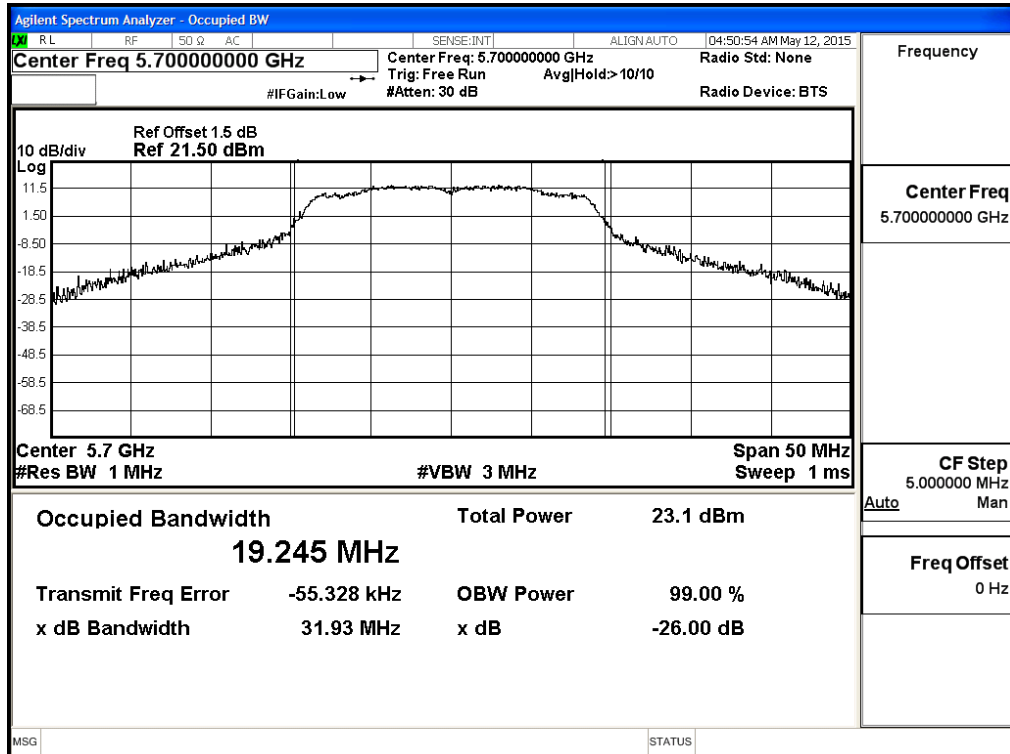
**Channel 100 -Chain B**



### Channel 116 -Chain B



### Channel 140 -Chain B



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

**CHAIN A**

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	
		Measurement Level (dBm)								
38	5190	15.11	--	--	--	--	--	--	--	<24dBm
46	5230	17.95	17.86	17.74	17.63	17.55	17.47	17.35	17.22	<24dBm
54	5270	18.31	--	--	--	--	--	--	--	<24dBm
62	5310	11.32	11.28	11.17	11.03	10.97	10.83	10.75	10.66	<24dBm
102	5510	16.14	--	--	--	--	--	--	--	<24dBm
110	5550	18.01	17.94	17.83	17.74	17.68	17.58	17.42	17.33	<24dBm
134	5670	18.08	--	--	--	--	--	--	--	<24dBm

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
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7	
		Measurement Level (dBm)								
38	5190	15.87	--	--	--	--	--	--	--	<24dBm
46	5230	18.05	17.96	17.87	17.72	17.65	17.52	17.46	17.37	<24dBm
54	5270	17.91	--	--	--	--	--	--	--	<24dBm
62	5310	11.6	11.57	11.46	11.37	11.28	11.11	11.07	10.93	<24dBm
102	5510	15.13	--	--	--	--	--	--	--	<24dBm
110	5550	18.1	18.04	17.97	17.83	17.74	17.69	17.52	17.41	<24dBm
134	5670	18.05	--	--	--	--	--	--	--	<24dBm

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

**Maximum conducted output power Measurement:**

**(CHAIN A+ B)**

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dB)	Output Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
38	5190	--	15.11	15.87	0.15	18.67	24	--
46	5230	--	17.95	18.05	0.15	21.16	24	--
54	5270	36.626	18.31	17.91	0.15	21.27	24	26.64
62	5310	36.391	11.32	11.60	0.15	14.62	24	26.61
102	5510	36.425	16.14	15.13	0.15	18.82	24	26.61
110	5550	36.642	18.01	18.10	0.15	21.22	24	26.64
134	5670	36.503	18.08	18.05	0.15	21.23	24	26.62

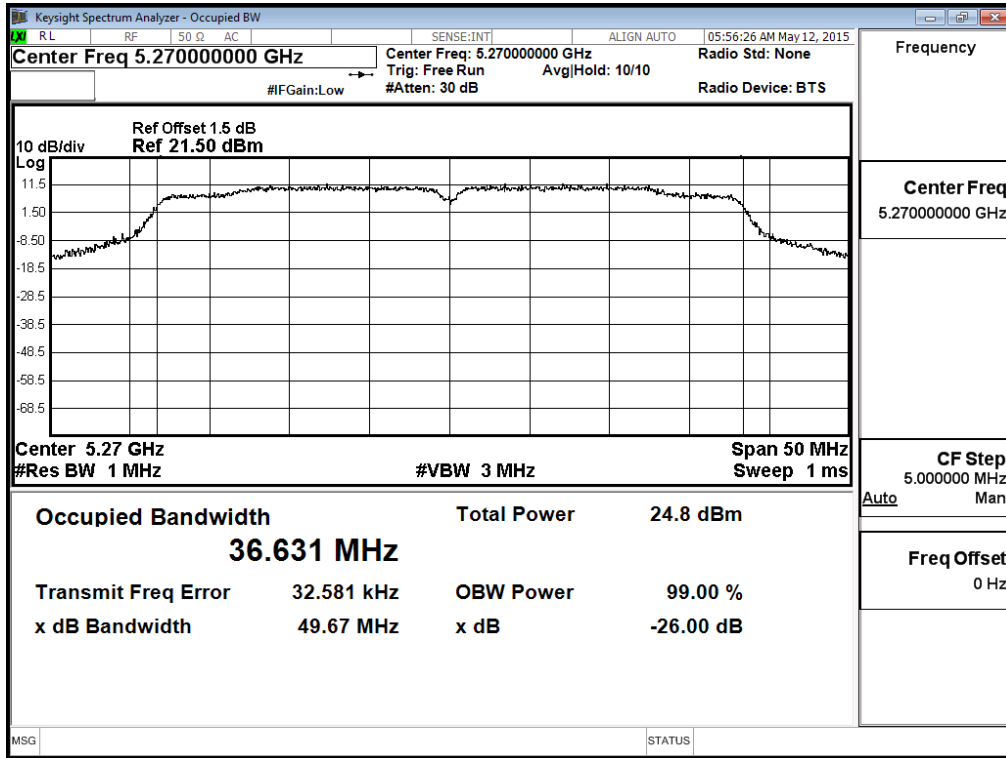
Note:

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.

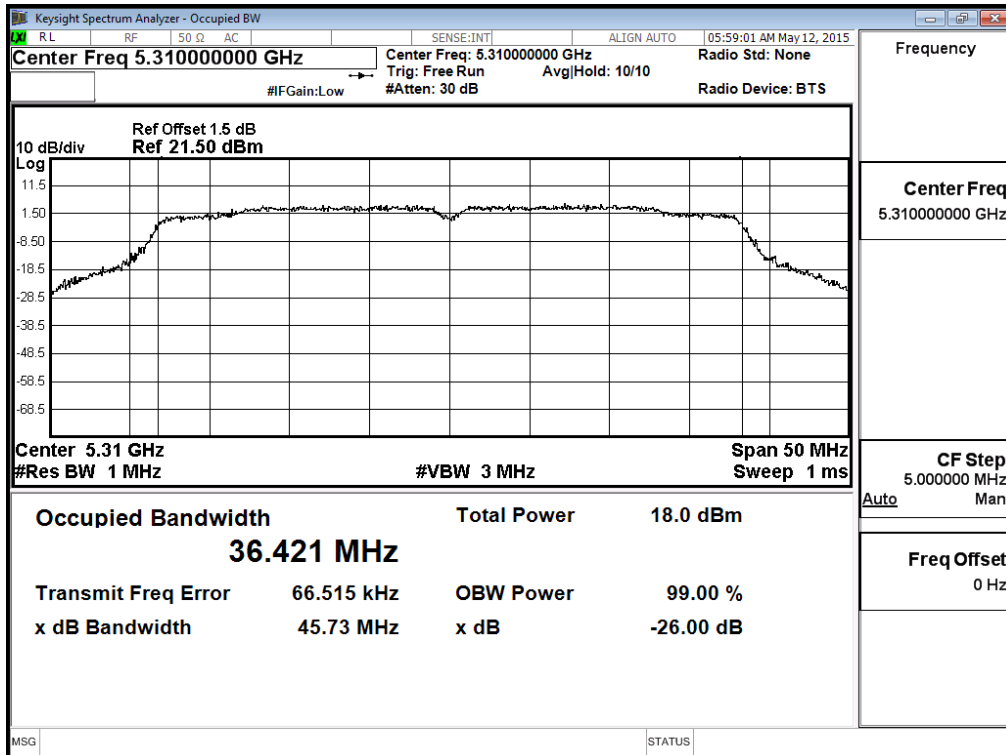


**99% Occupied Bandwidth:**

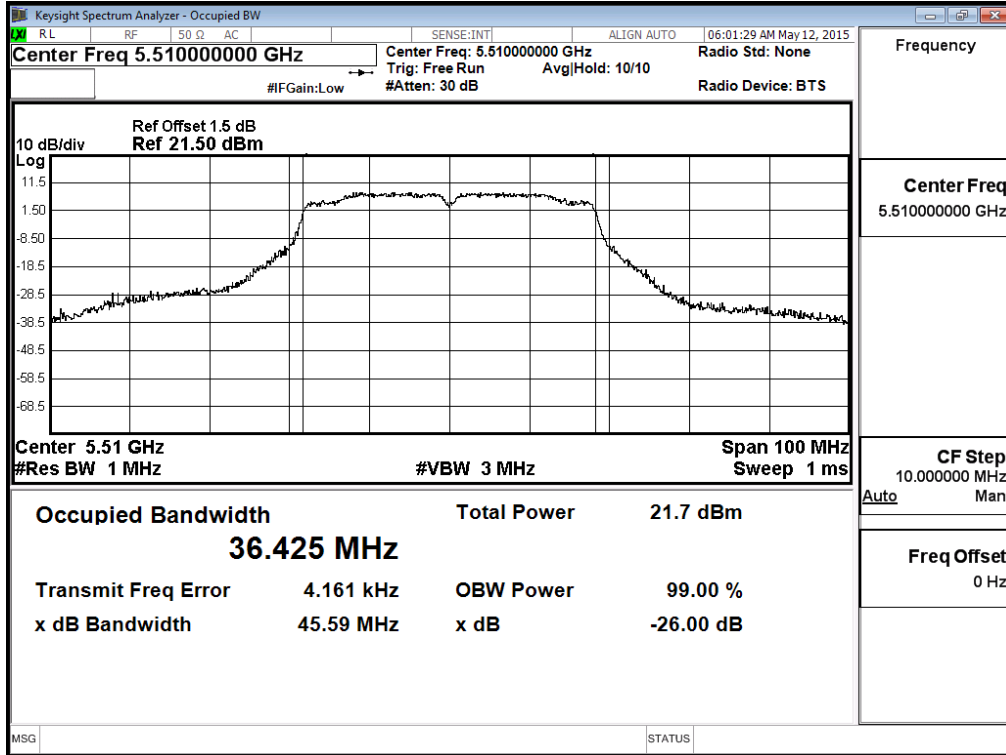
**Channel 54 – Chain A**



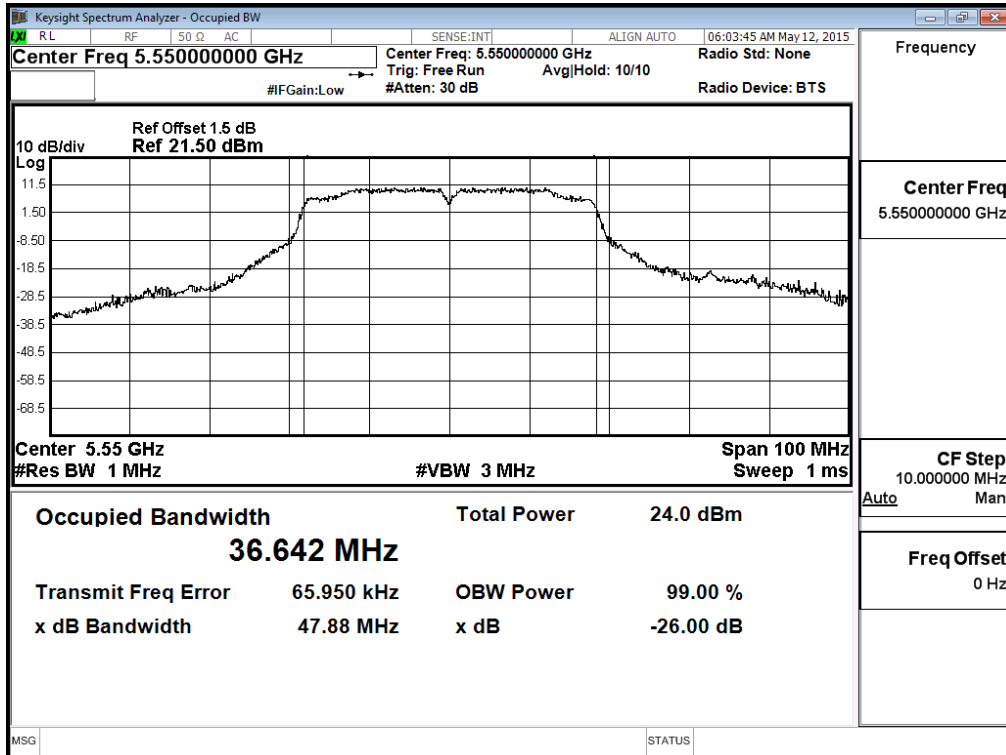
**Channel 62 – Chain A**



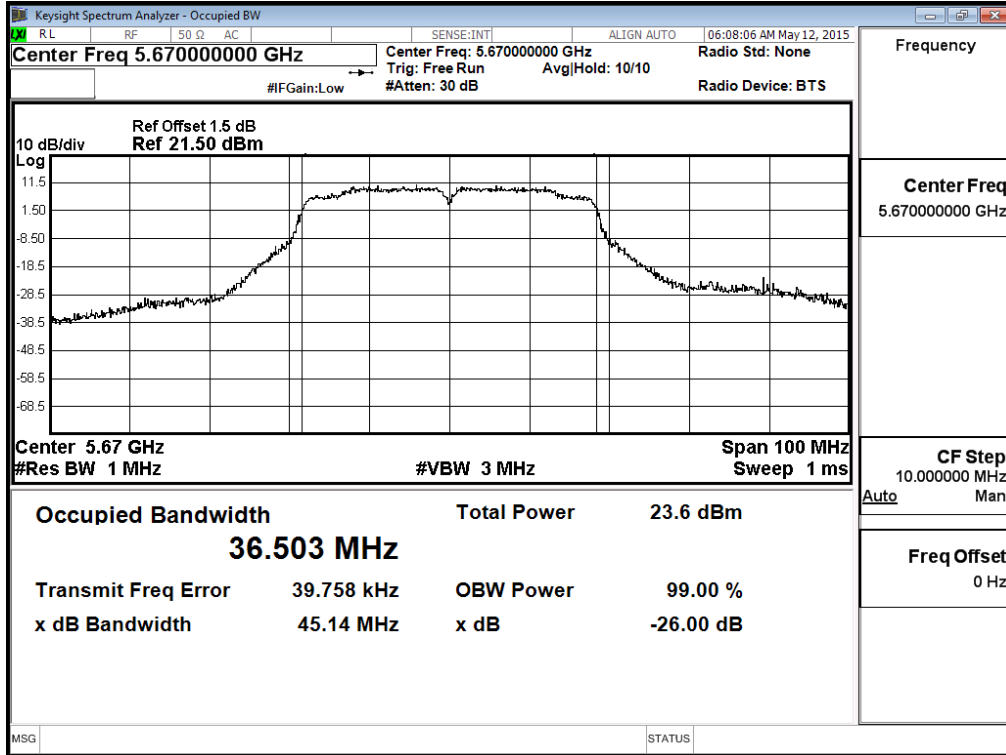
### Channel 102 – Chain A



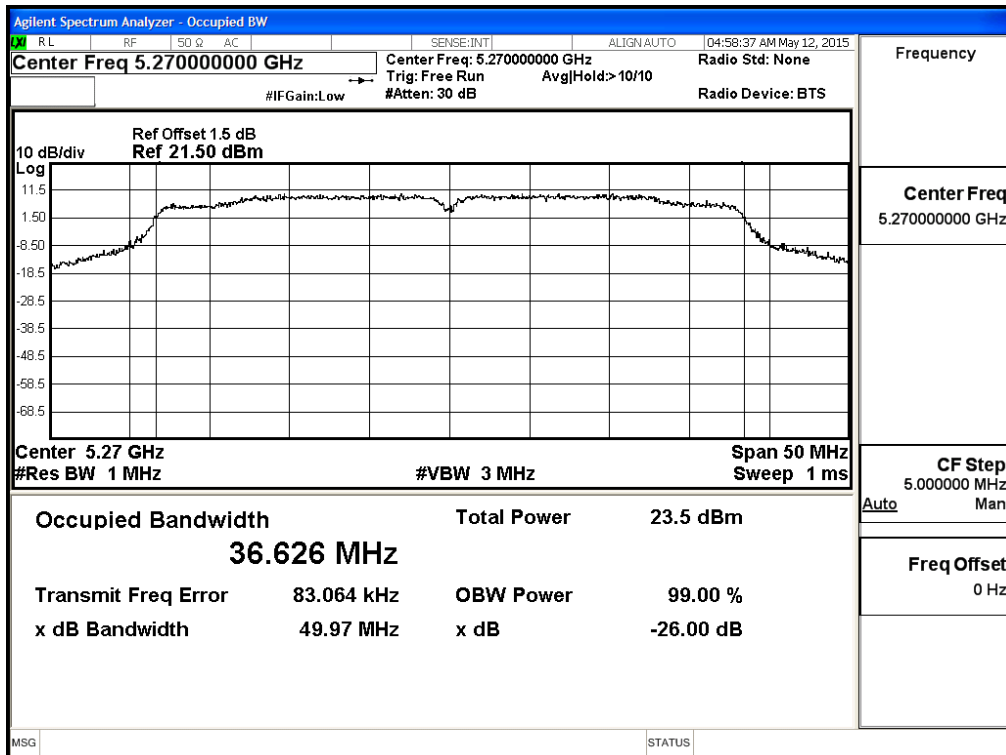
### Channel 110 – Chain A



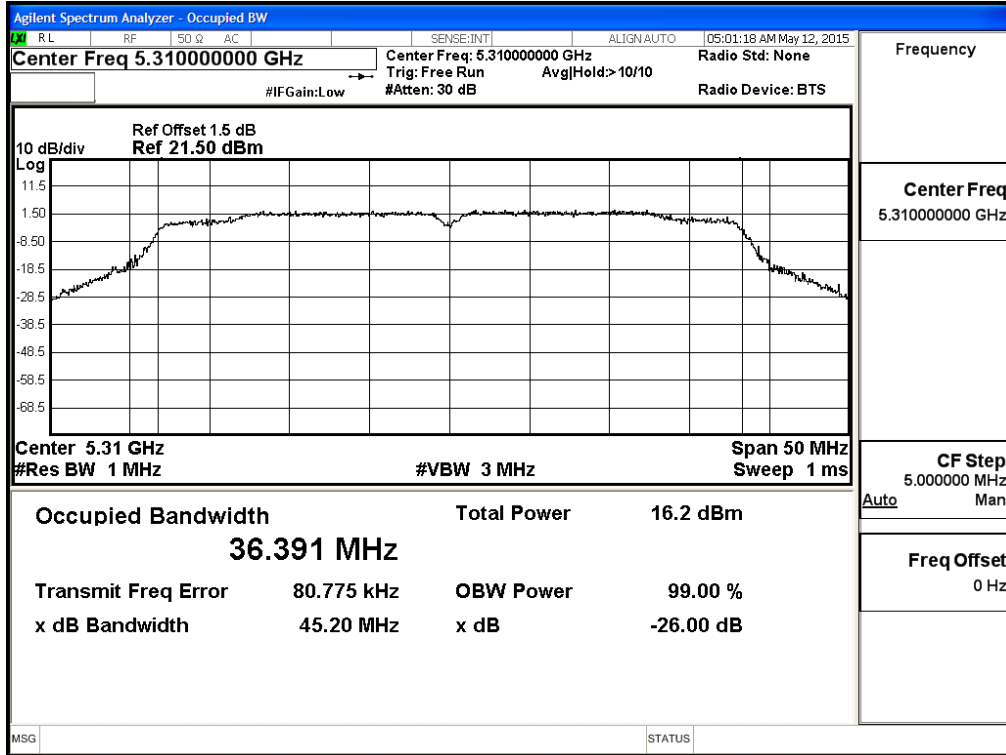
**Channel 134 – Chain A**



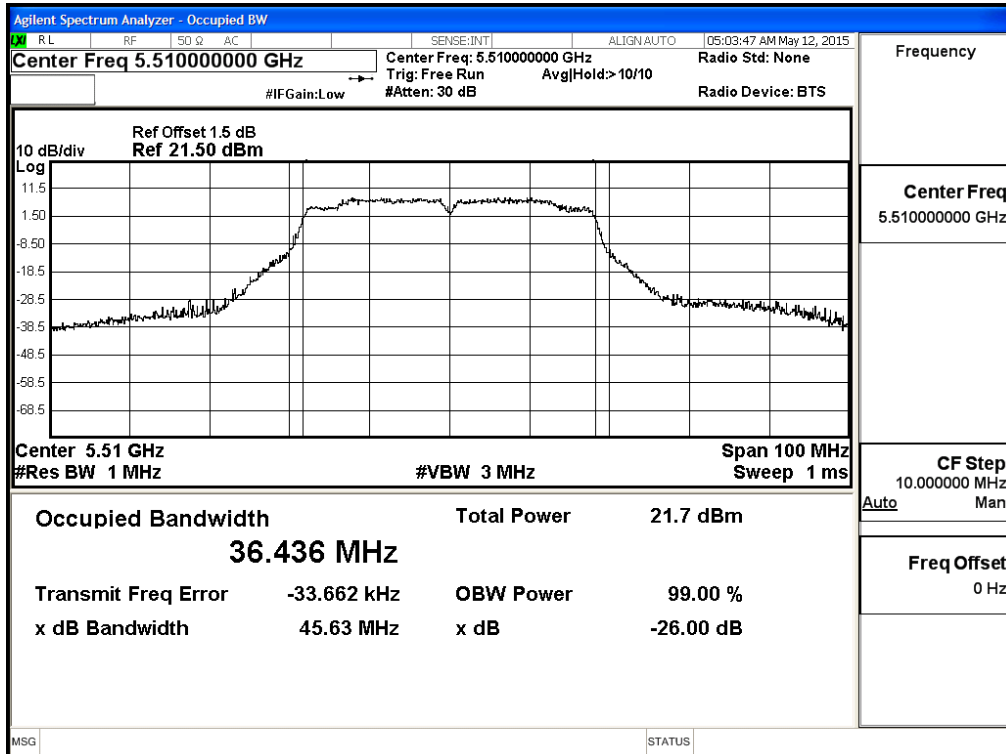
**99% Occupied Bandwidth:  
Channel 54 – Chain B**



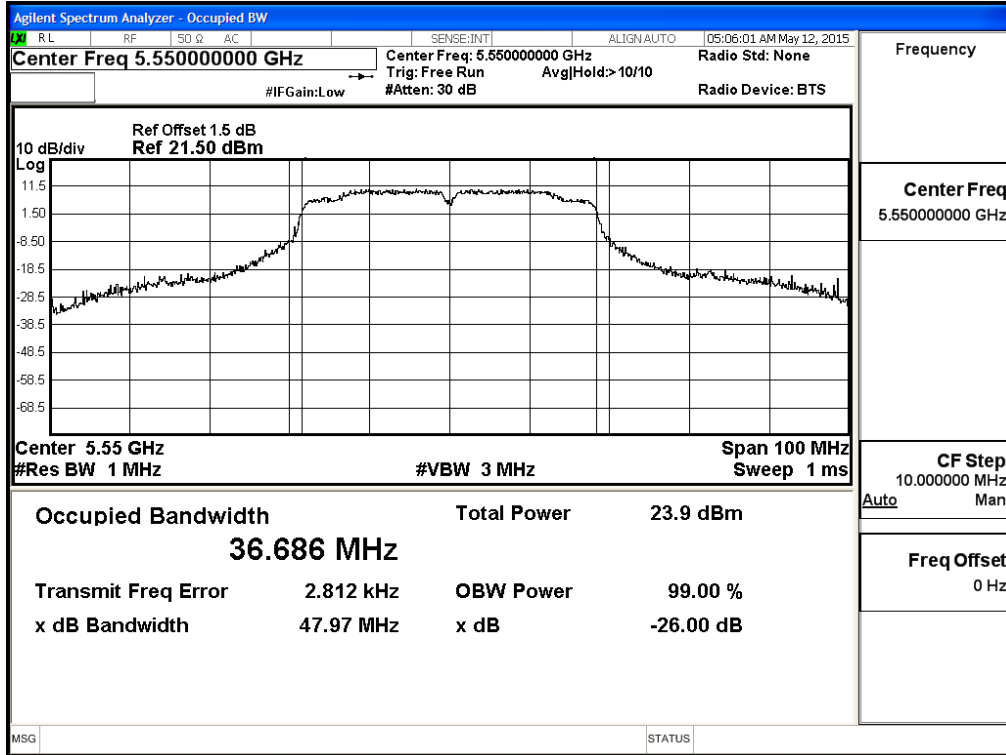
### Channel 62 – Chain B



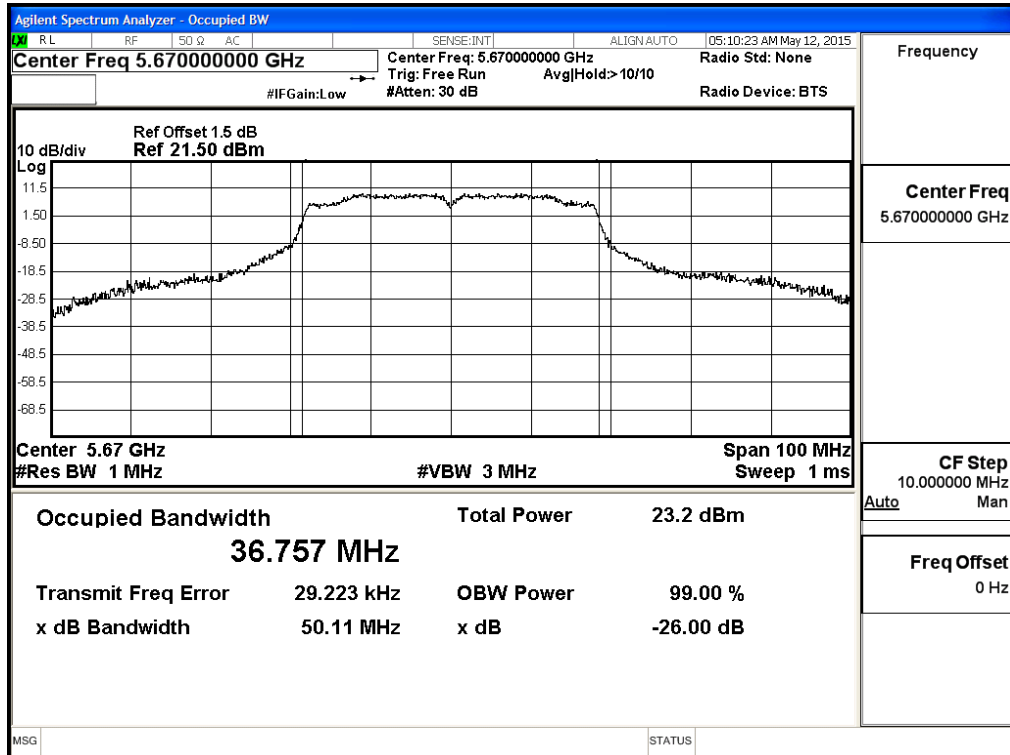
### Channel 102 – Chain B



**Channel 110 – Chain B**



**Channel 134 – Chain B**



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Maximum conducted output power  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11ac-20BW-14.4Mbps)

**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	
		Measurement Level (dBm)									
144 (Band3)	5720	19.09	18.85	18.61	18.37	18.13	17.89	17.65	17.41	17.17	<24dBm
144 (Band4)	5720	11.54	10.52	10.39	10.18	10.07	9.87	9.76	9.64	9.51	<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	
		Measurement Level (dBm)									
144 (Band3)	5720	18.38	18.32	18.26	18.2	18.14	18.08	18.02	17.96	17.9	<24dBm
144 (Band4)	5720	10.91	10.22	10.08	9.96	9.87	9.76	9.55	9.47	9.36	<30dBm

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

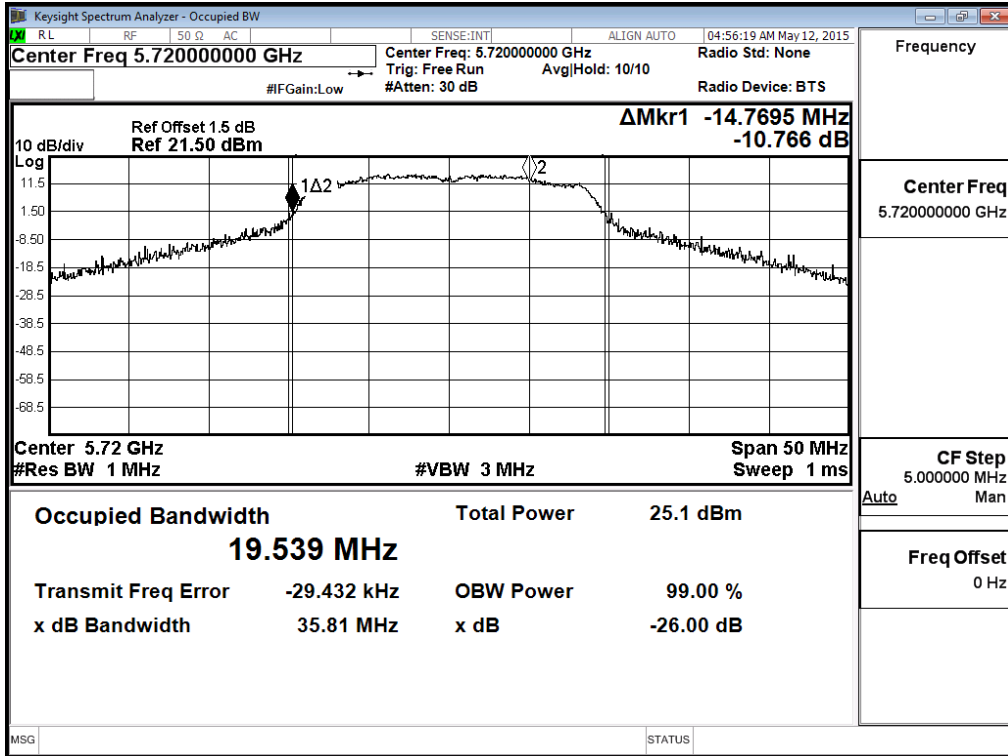
**Maximum conducted output power Measurement:**

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dB)	Output Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
144(Band3)	5720	14.770	19.09	18.38	0.09	21.85	24	22.69
144(Band4)	5720	4.770	11.54	10.91	0.09	14.34	30	17.79

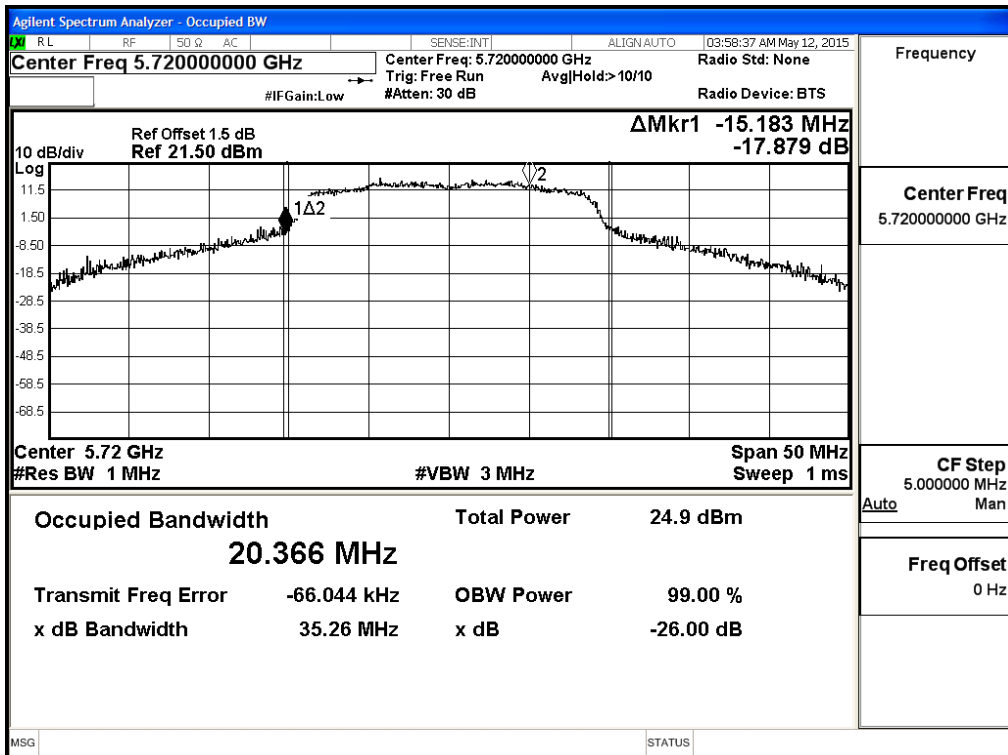
Note:

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.

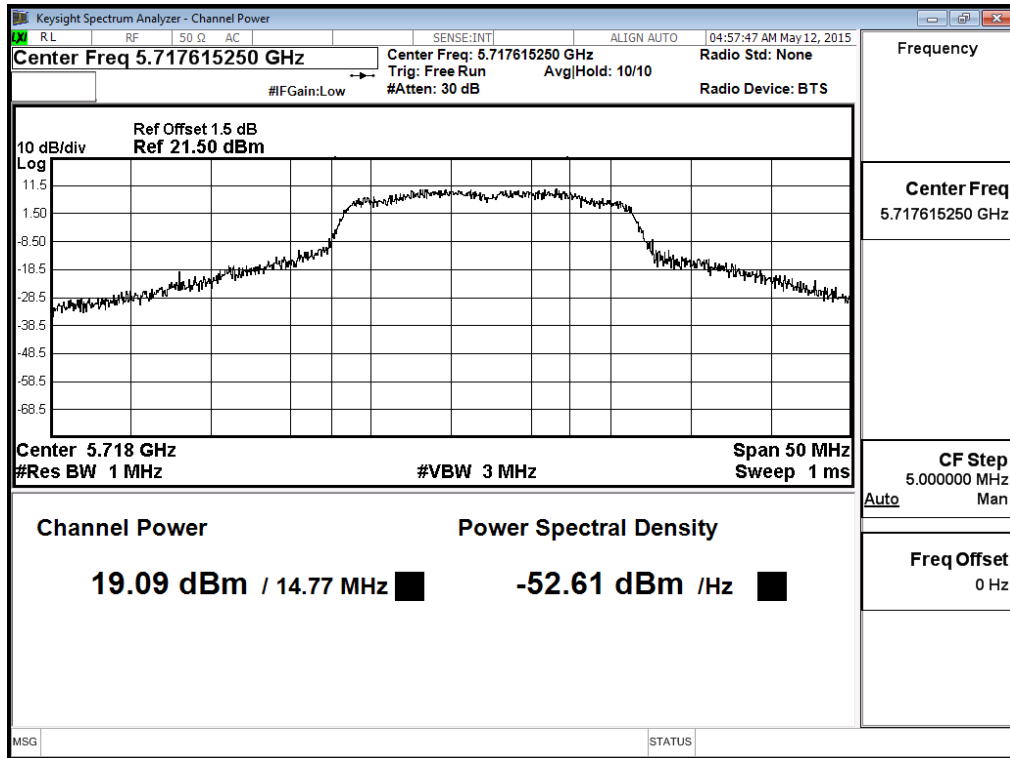
**99% Occupied Bandwidth:  
Channel 144 – Chain A**



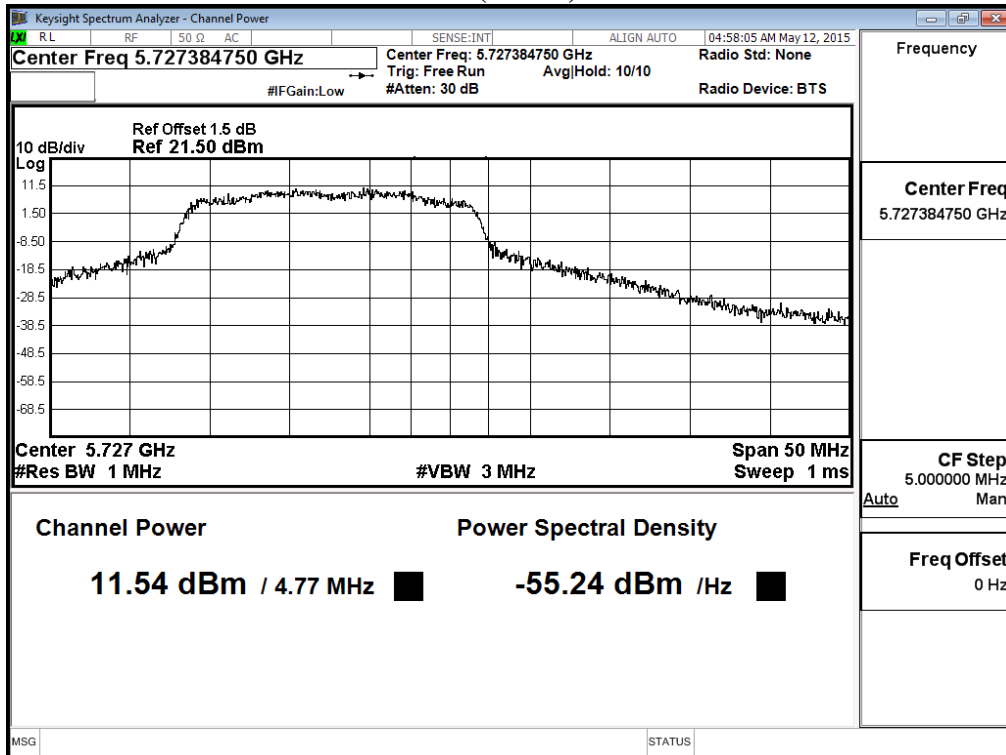
**99% Occupied Bandwidth:  
Channel 144 – Chain B**



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

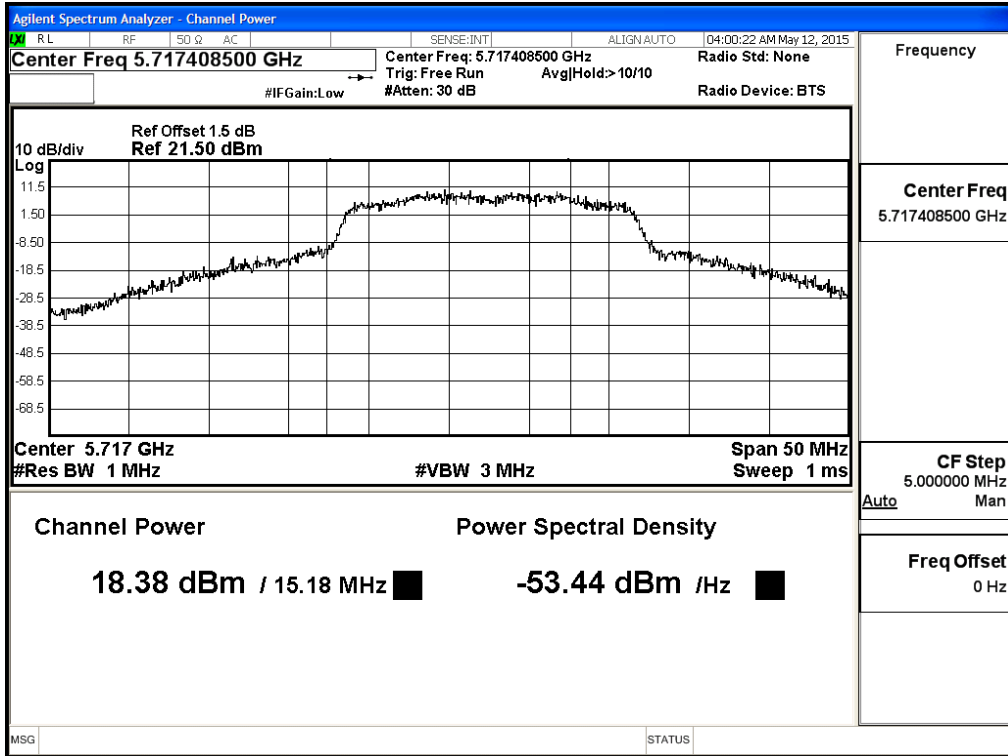


**Channel 144 (Band4) – Chain A**

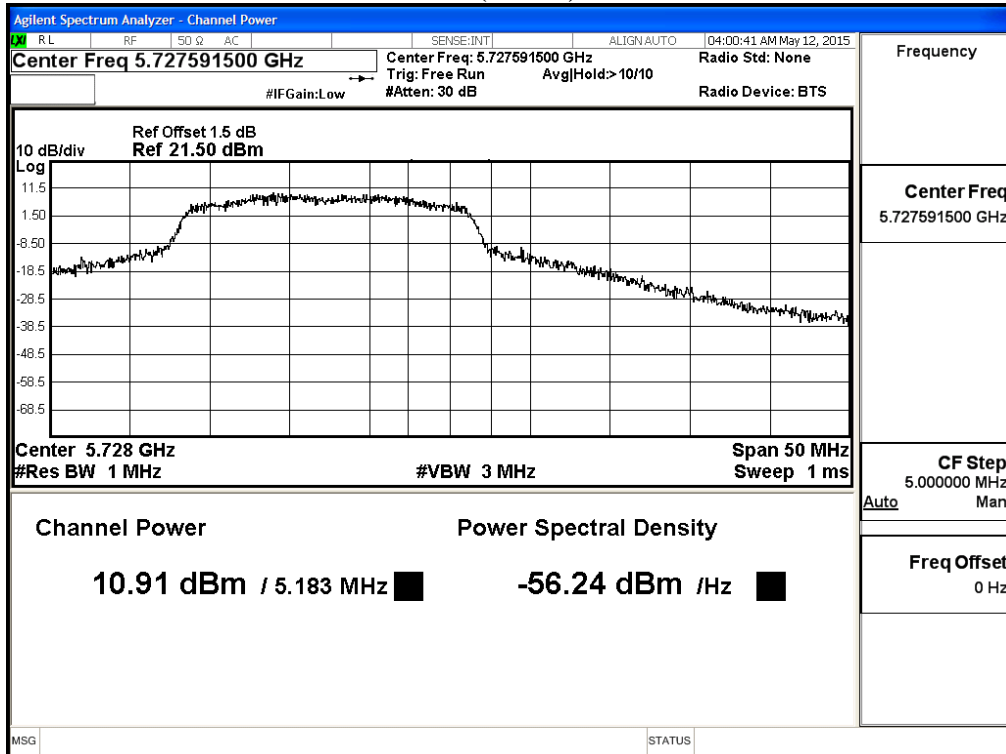




**Maximum conducted output power:  
Channel 144 (Band3) – Chain B**



**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

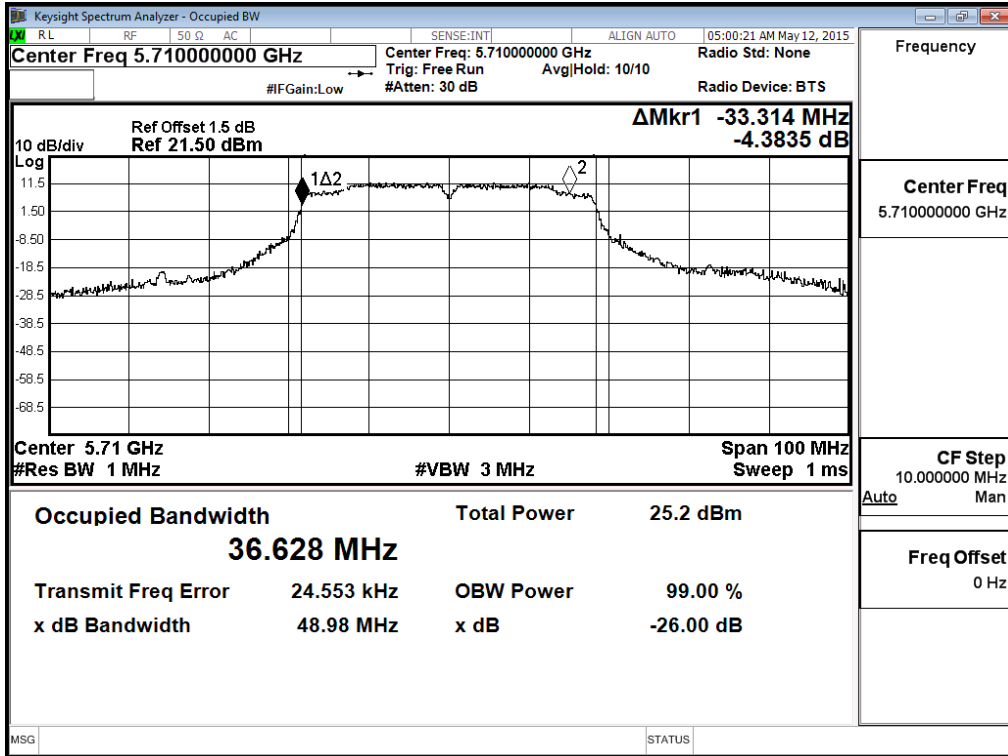
**Maximum conducted output power Measurement:**

Channel No	Frequency Range (MHz)	99% 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

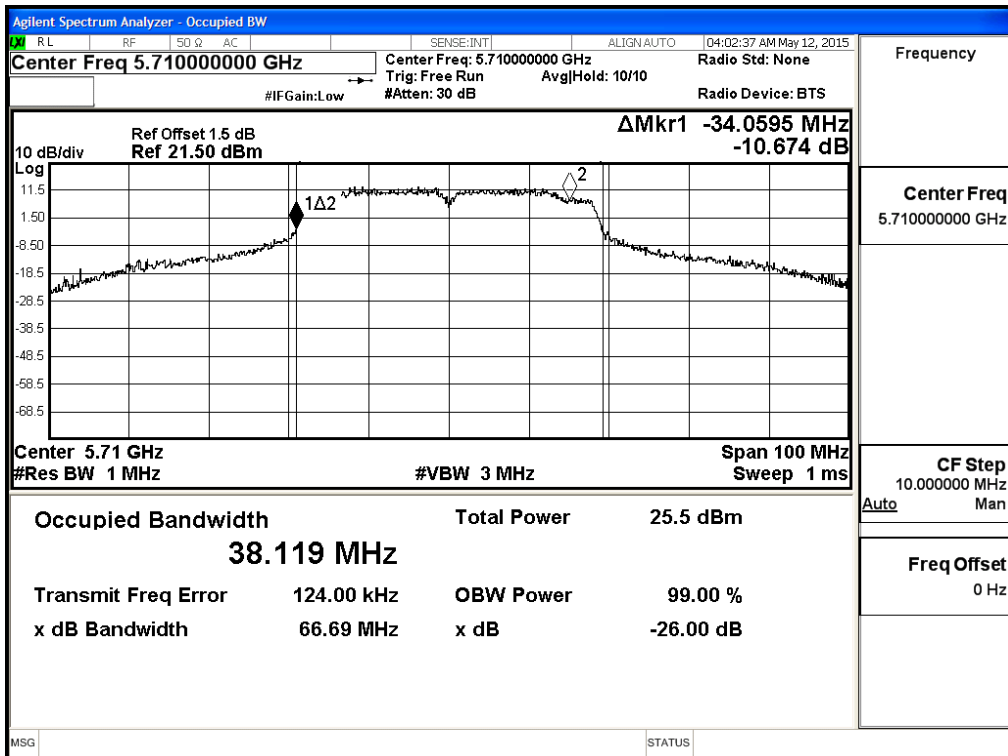
Note:

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.

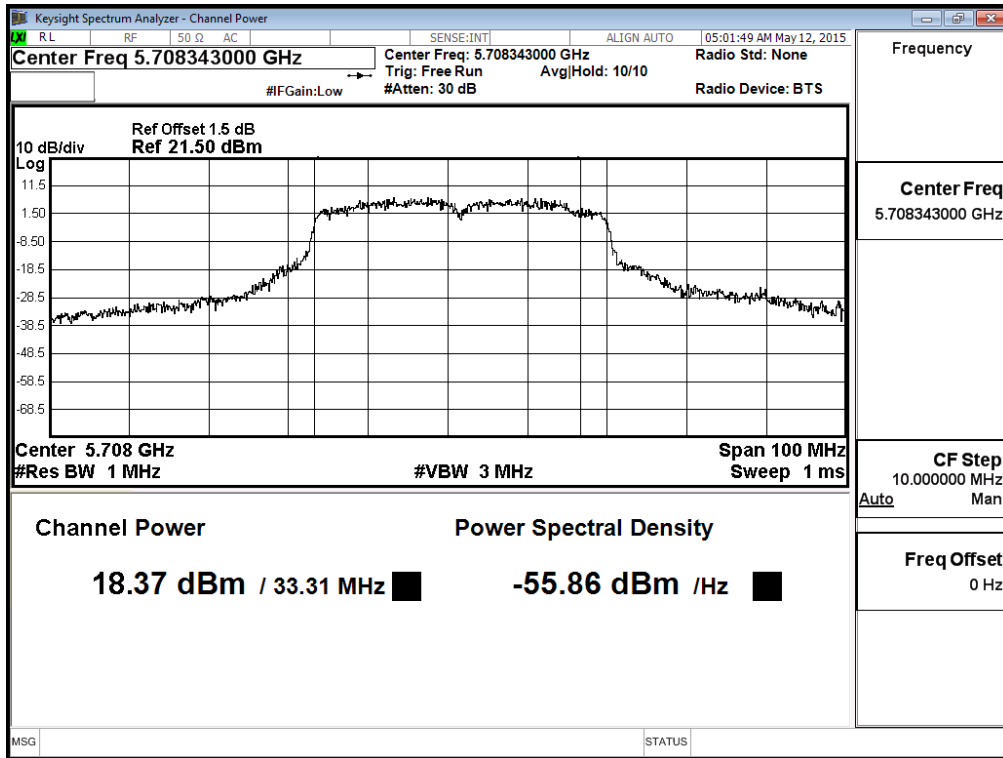
**99% Occupied Bandwidth:  
Channel 142 – Chain A**



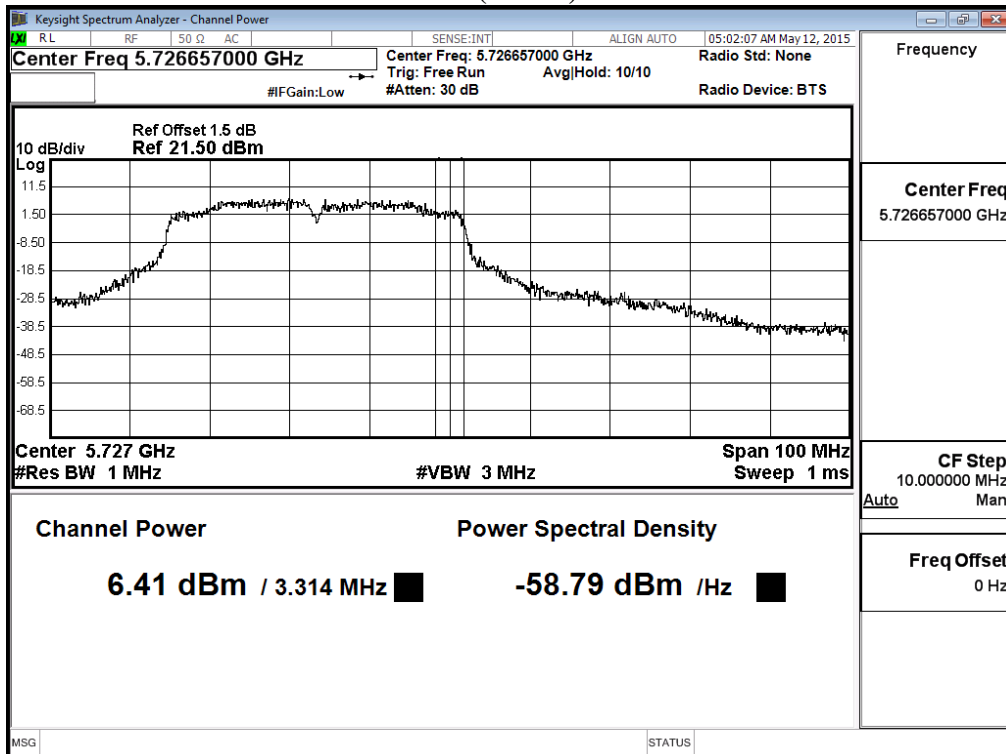
**99% Occupied Bandwidth:  
Channel 142 – Chain B**



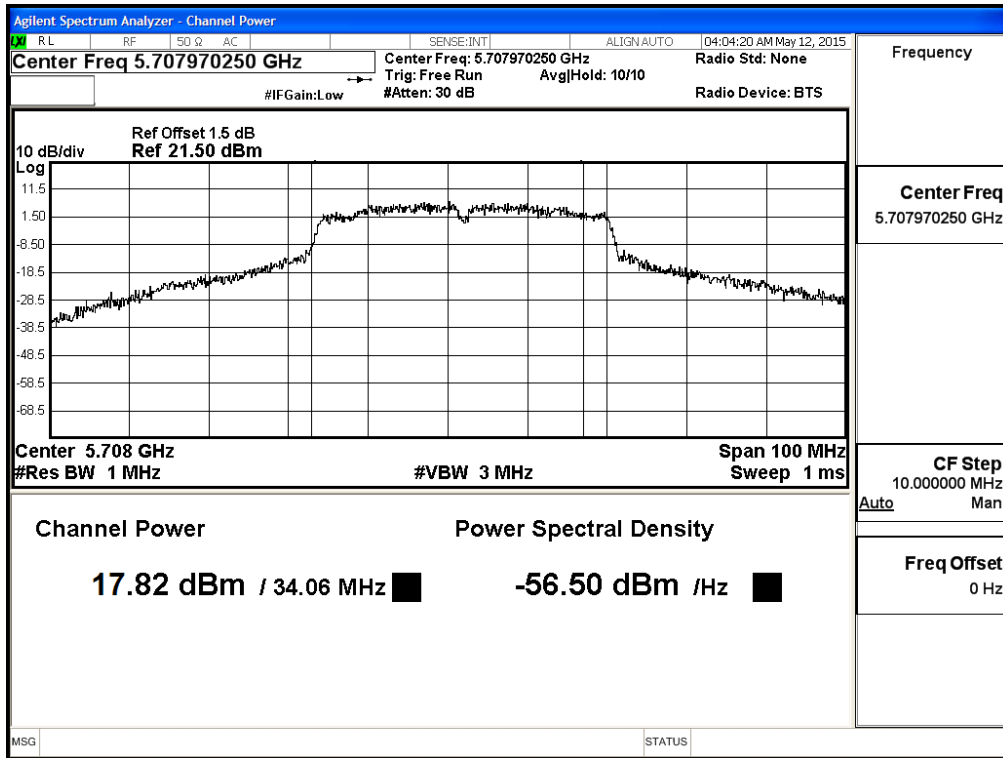
**Maximum conducted output power:  
Channel 142 (Band3) – Chain A**



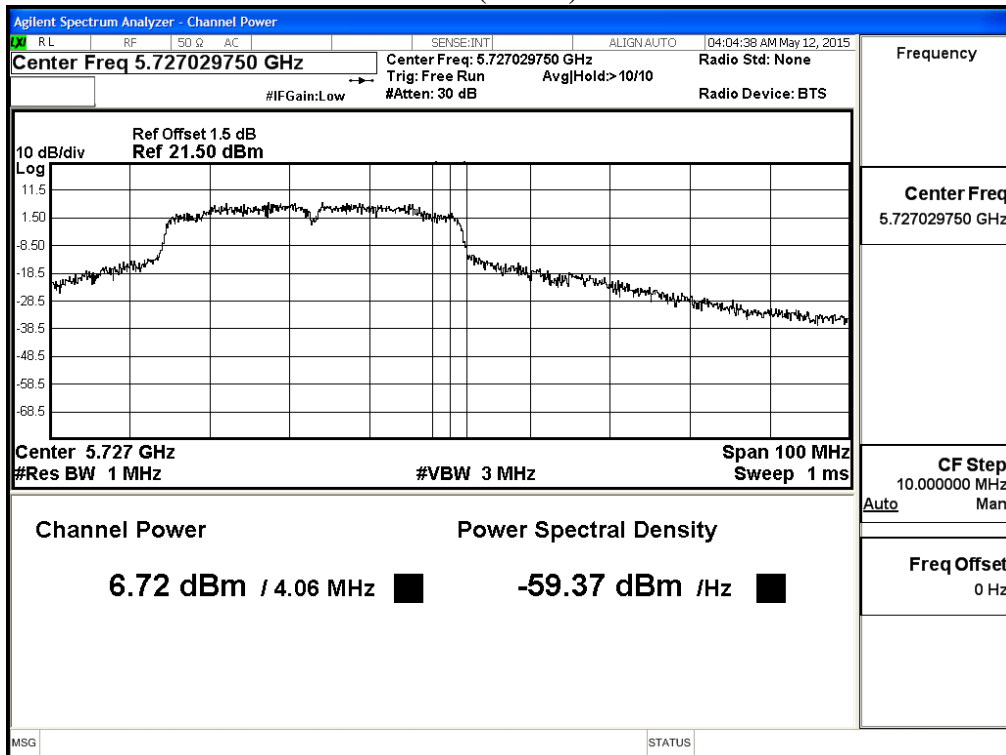
**Channel 142 (Band4) – Chain A**



**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

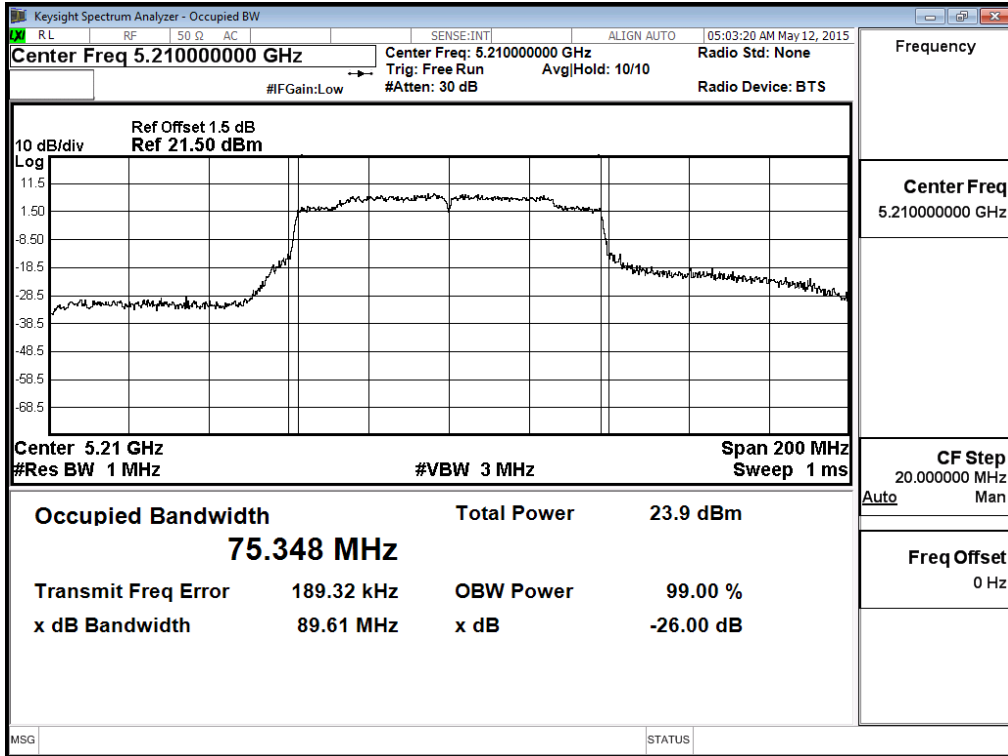
**Maximum conducted output power Measurement**

Channel No	Frequency Range (MHz)	99% 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

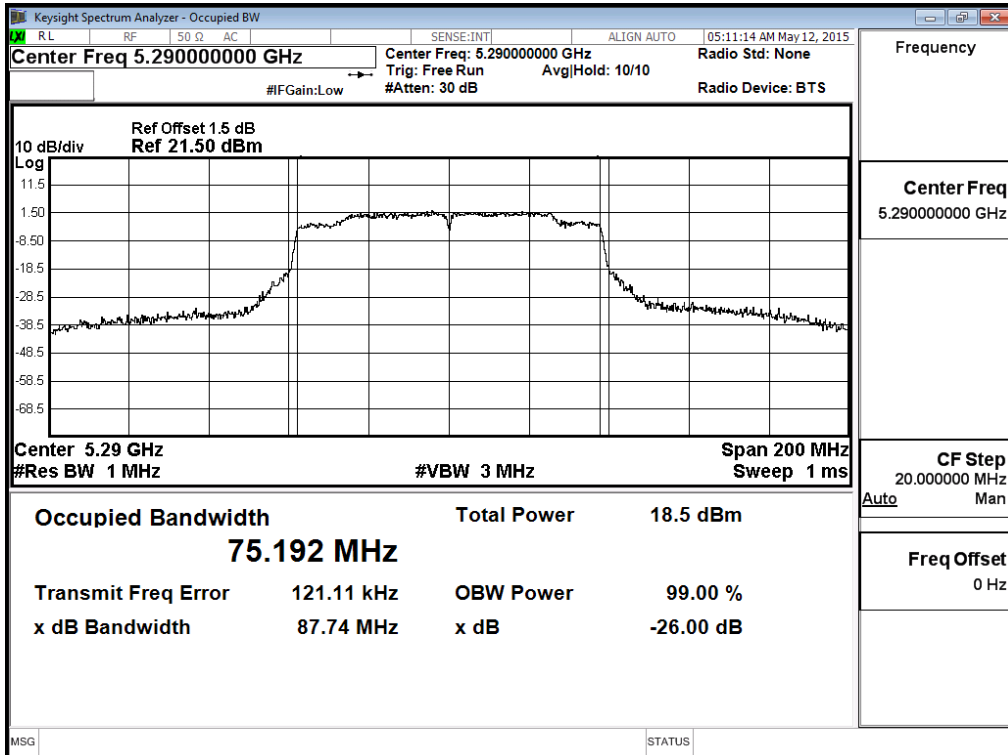
Note:

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.

**99% Occupied Bandwidth:  
Channel 42 – Chain A**

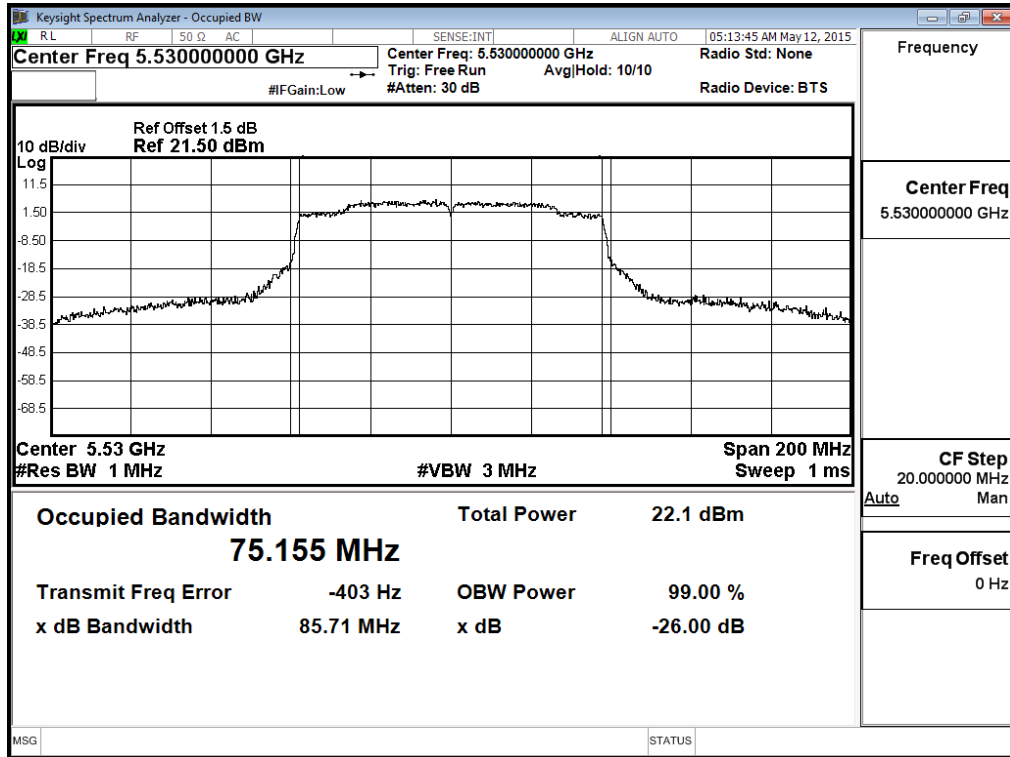


**Channel 58 – Chain A**

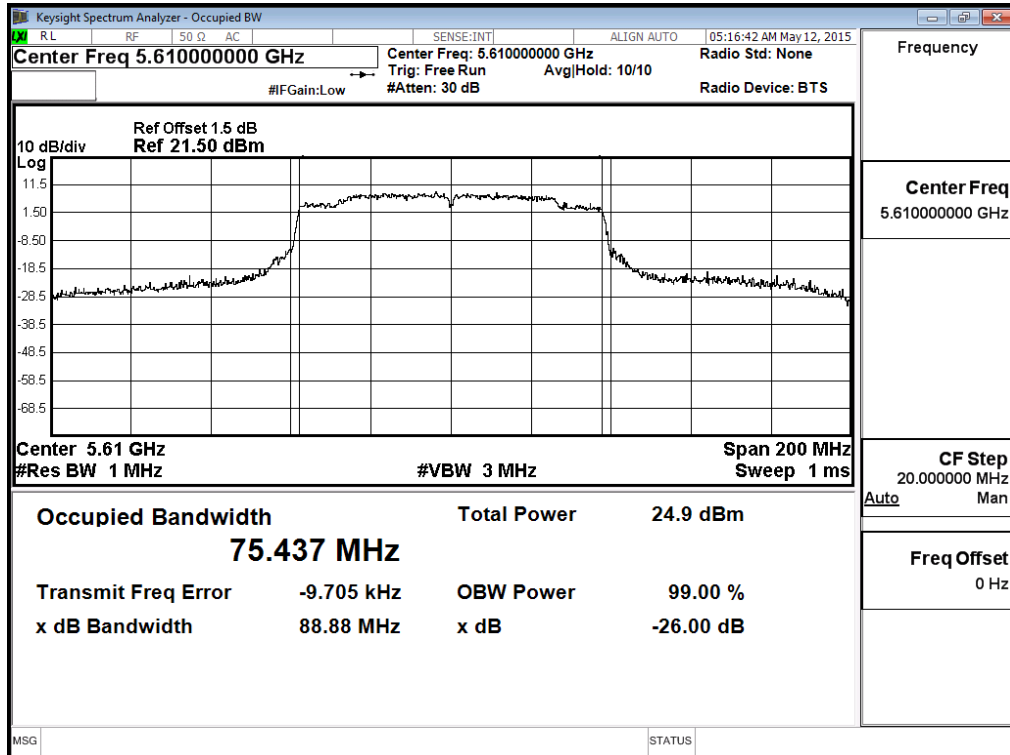




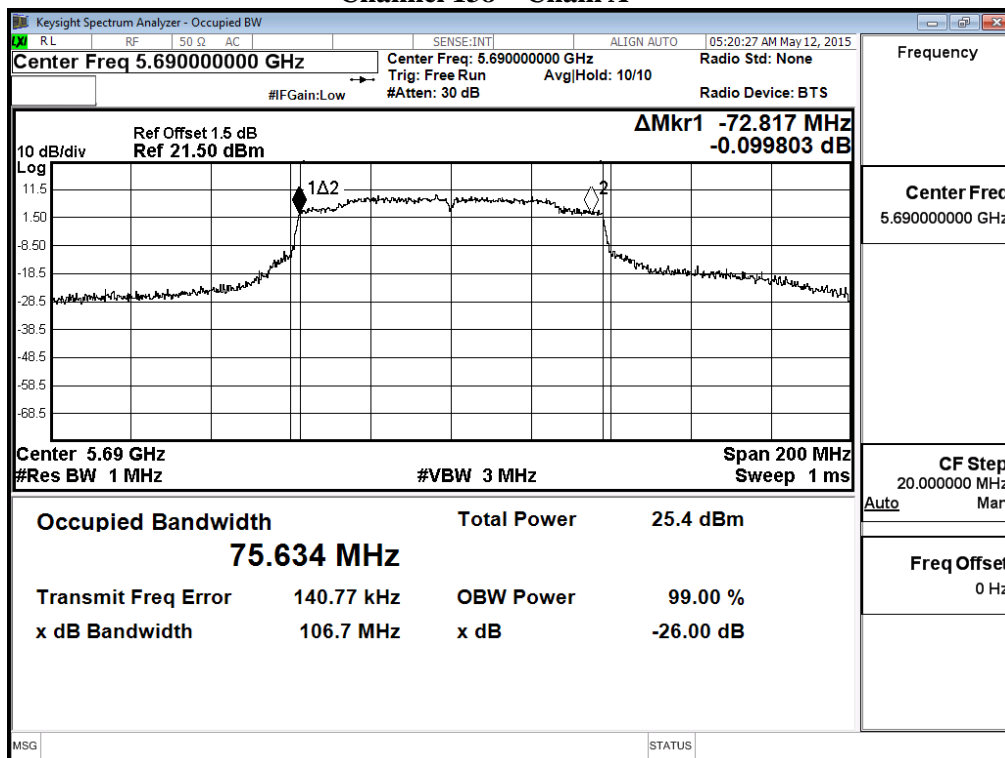
### Channel 106 – Chain A



### Channel 122 – Chain A

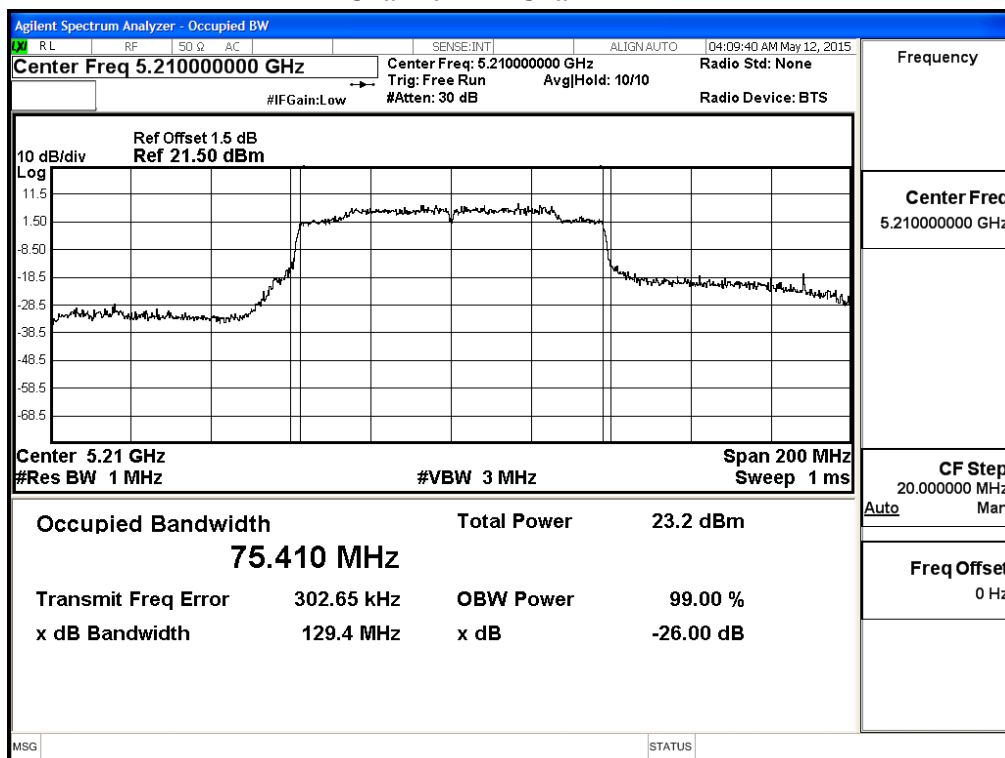


### Channel 138 – Chain A

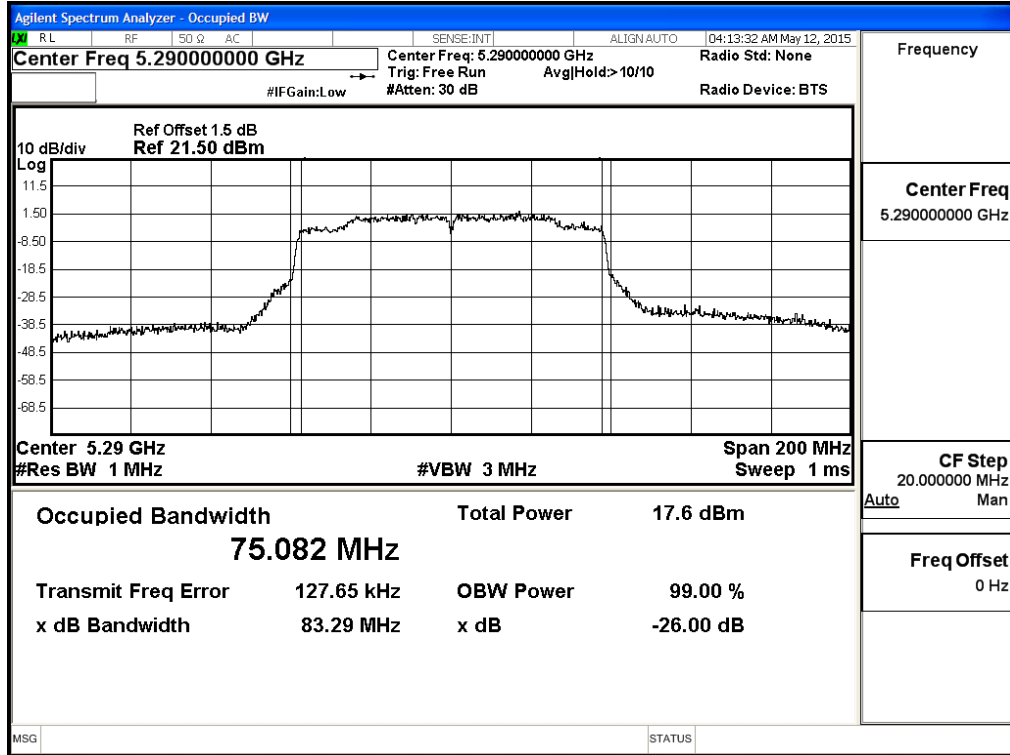


99% Occupied Bandwidth:

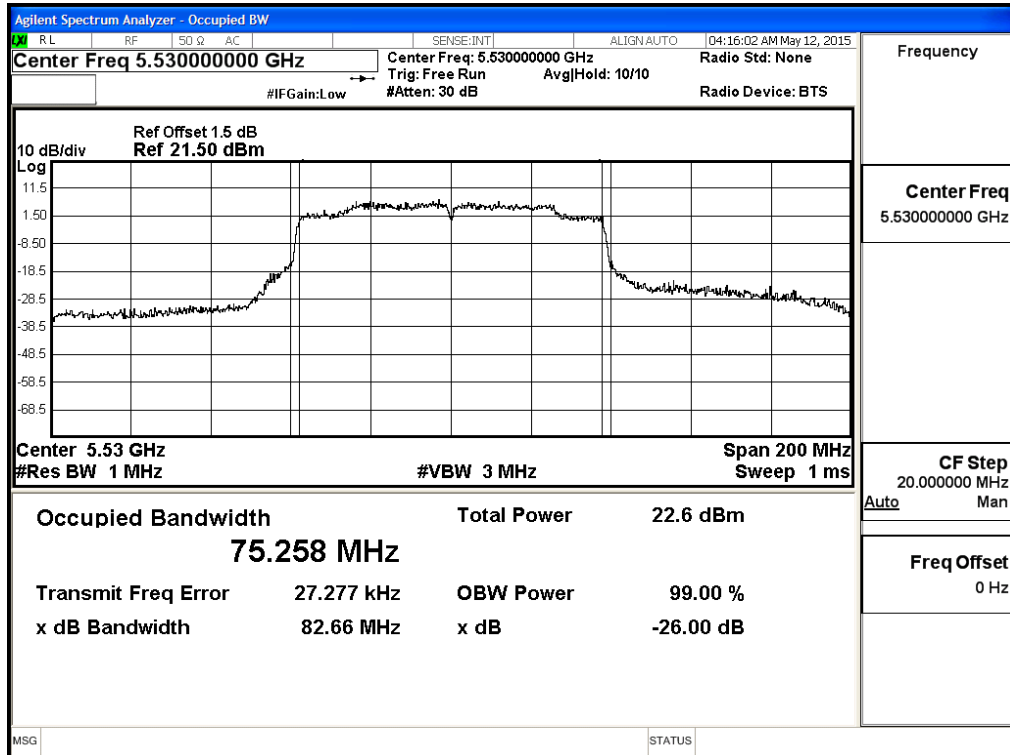
### Channel 42 – Chain B



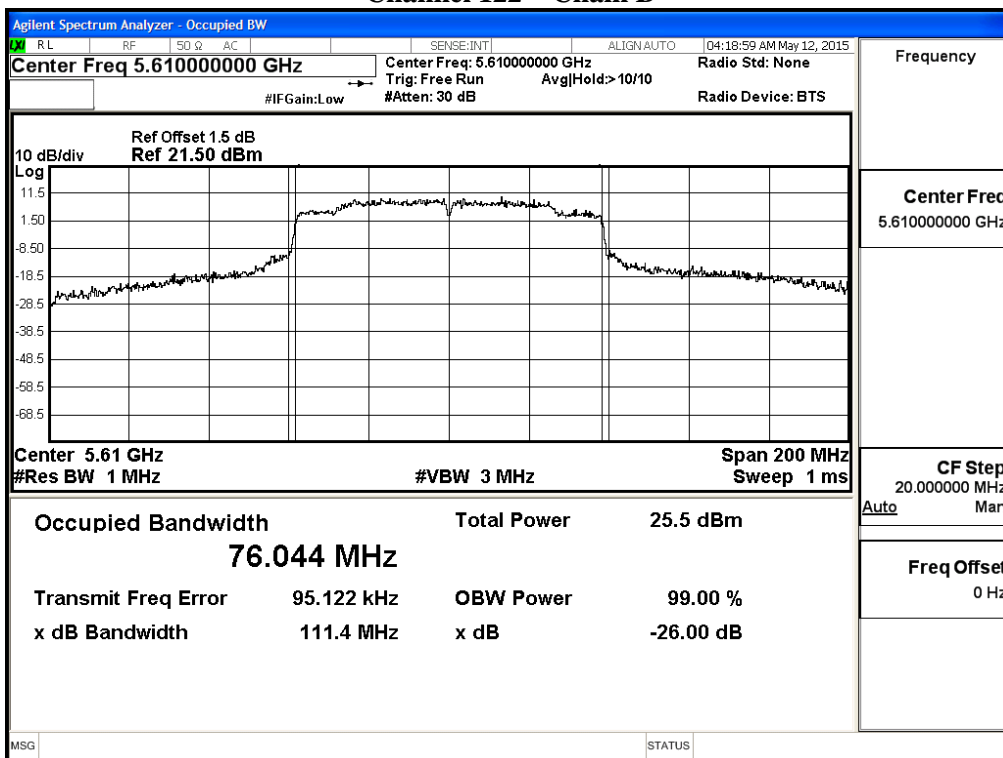
**Channel 58 – Chain B**



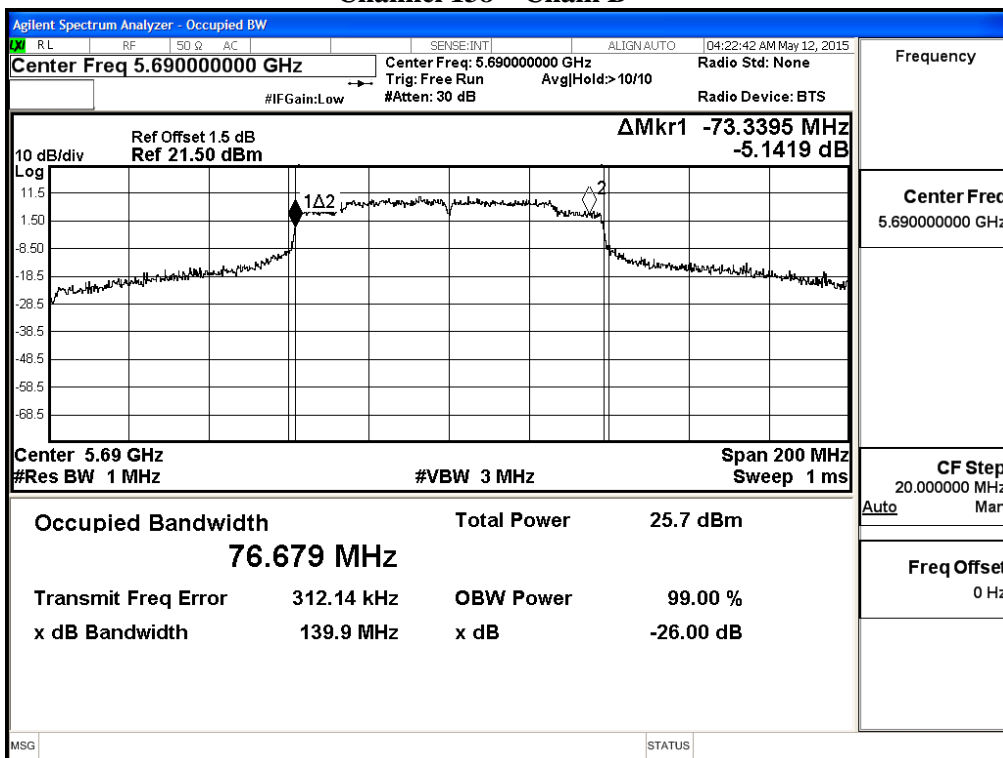
**Channel 106 – Chain B**



### Channel 122 – Chain B



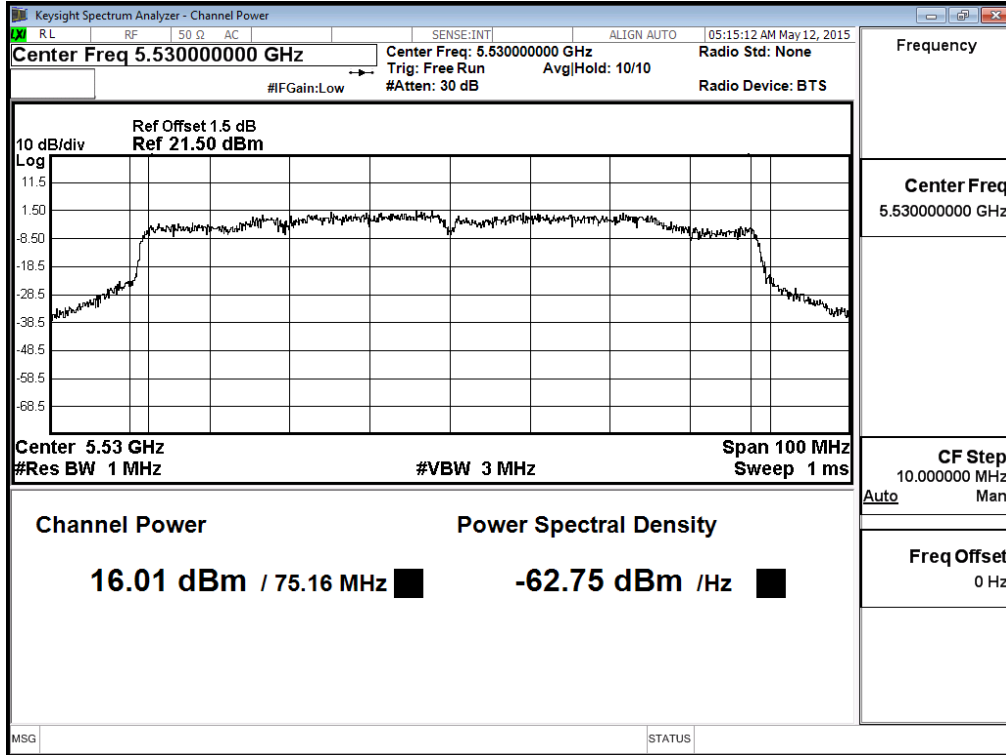
### Channel 138 – Chain B





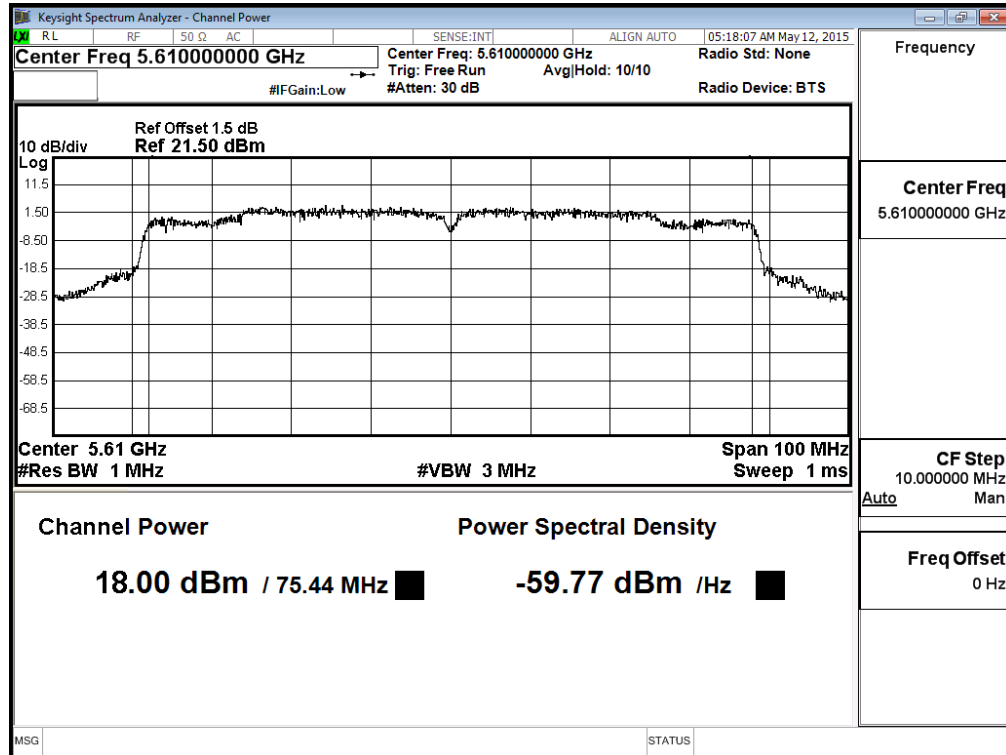
**Maximum conducted output power:**

**Channel 106 – Chain A**

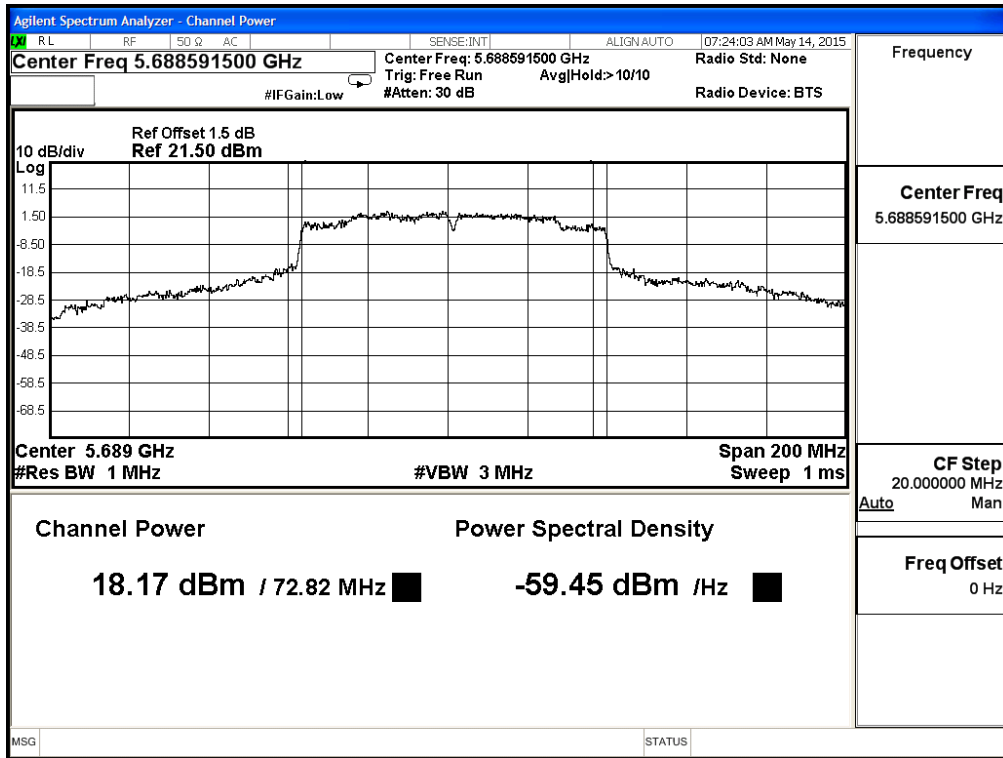


**Maximum conducted output power:**

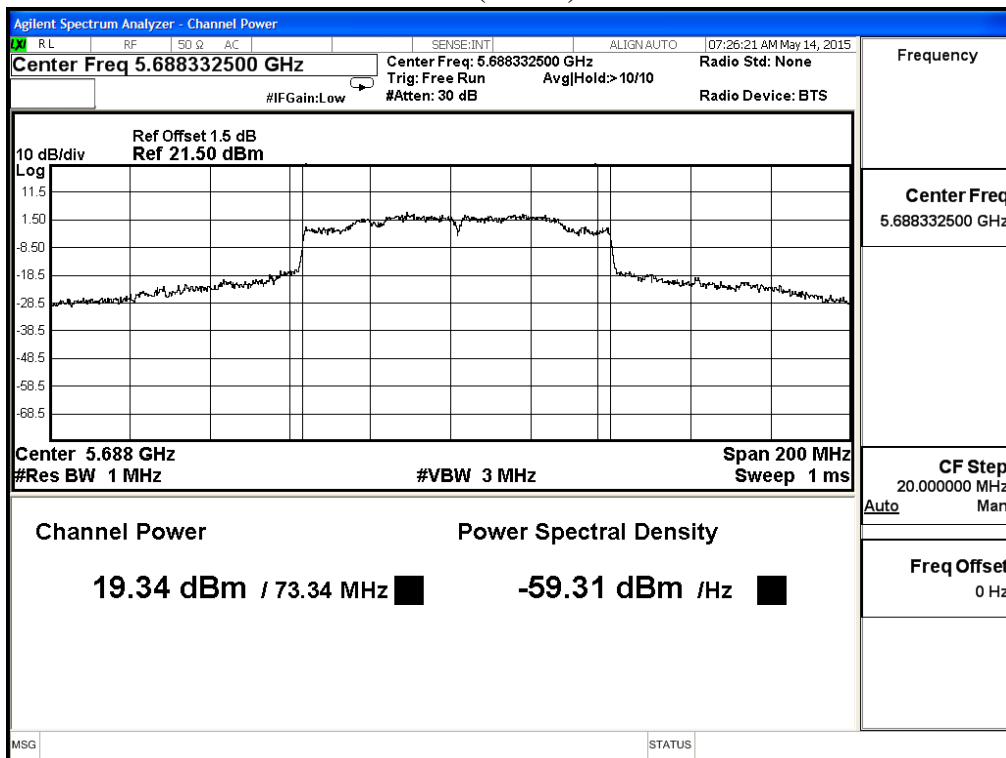
**Channel 122 – Chain A**



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

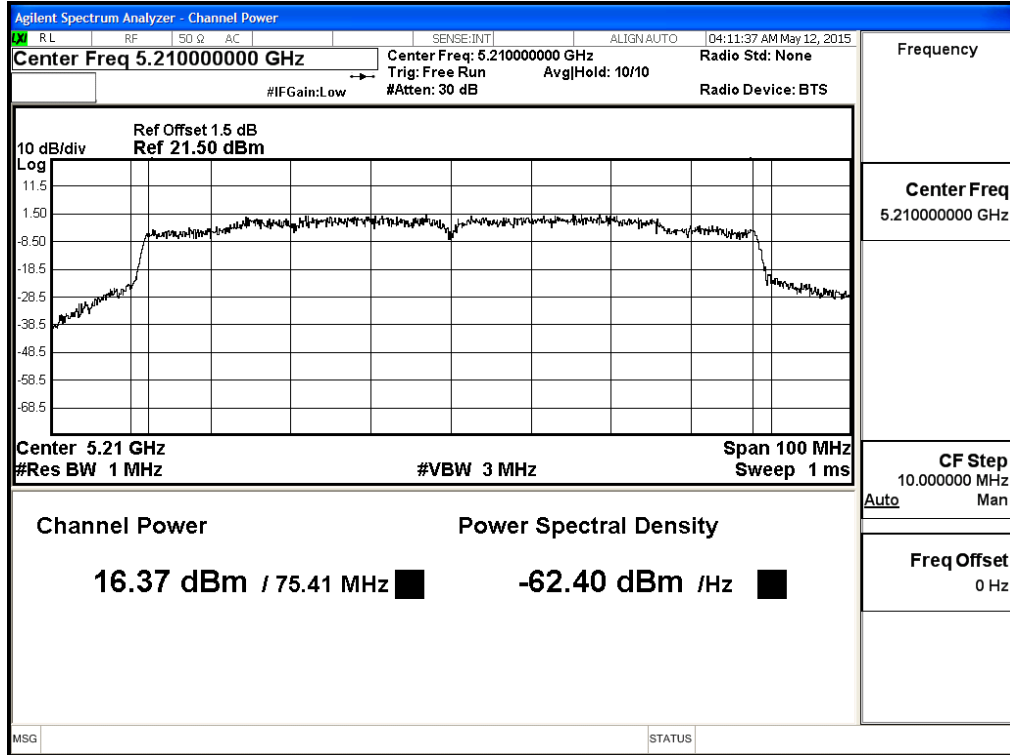


**Maximum conducted output power:  
Channel 138 (Band4) – Chain A**



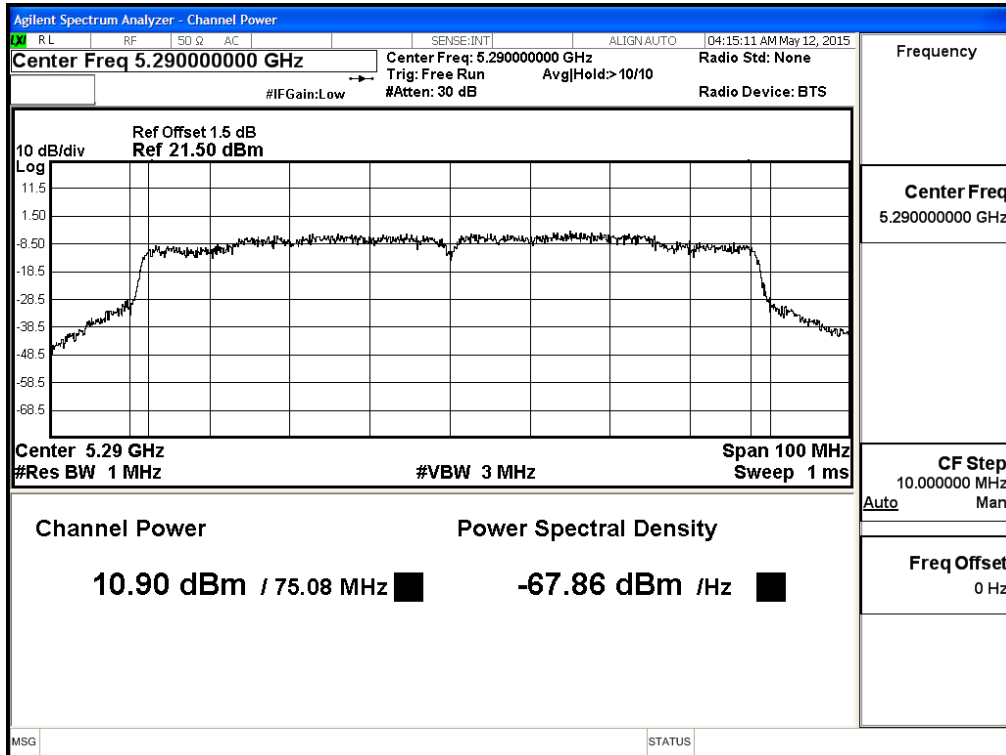
**Maximum conducted output power:**

**Channel 42 – Chain B**



**Maximum conducted output power:**

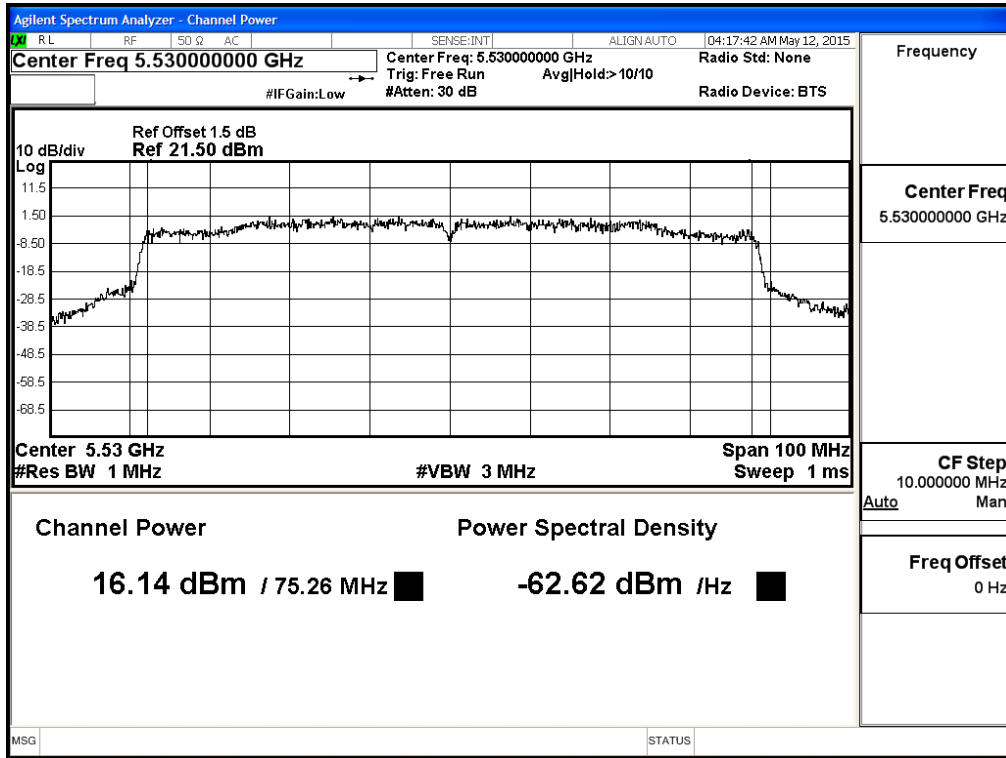
**Channel 58 – Chain B**



**Maximum conducted output power:**

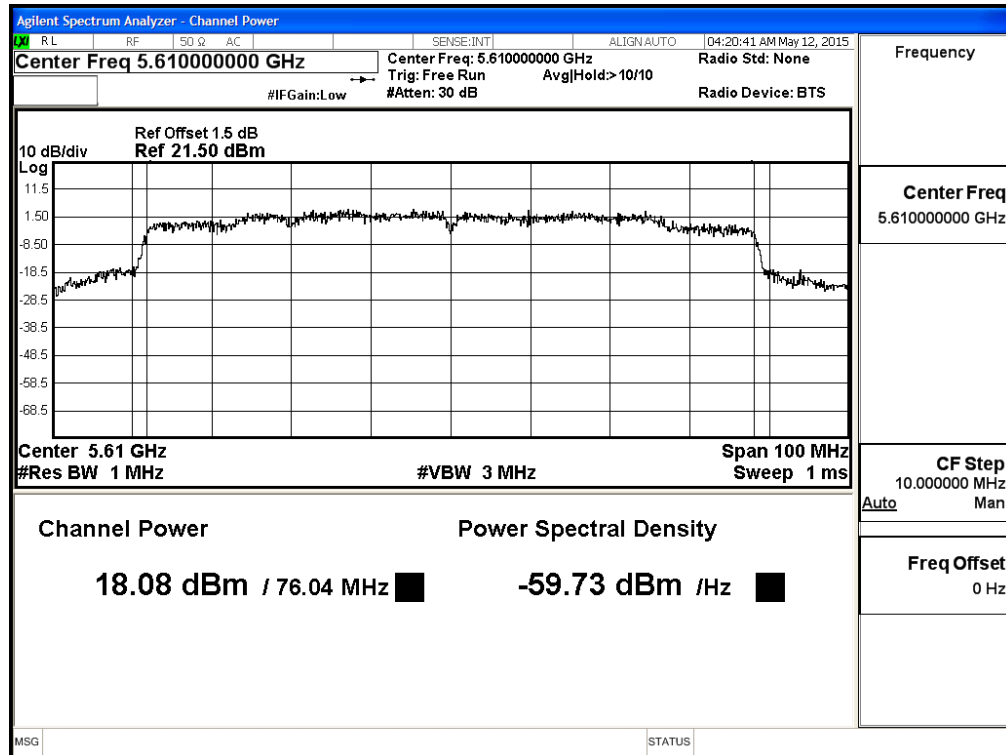


**Channel 106 – Chain B**

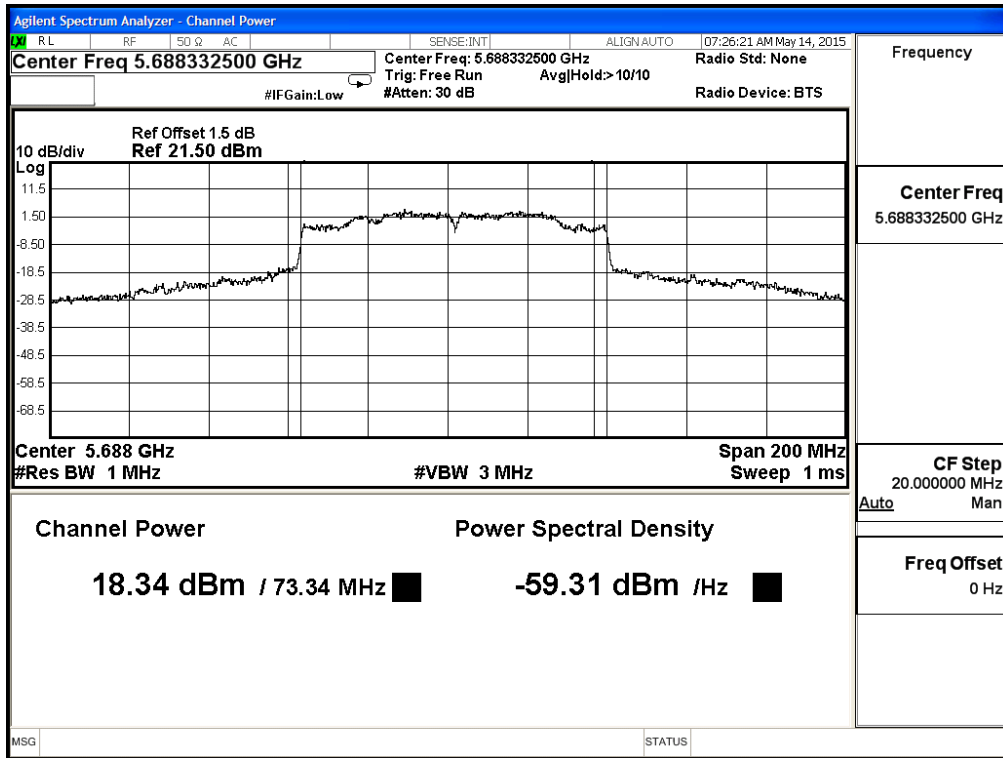


Maximum conducted output power:

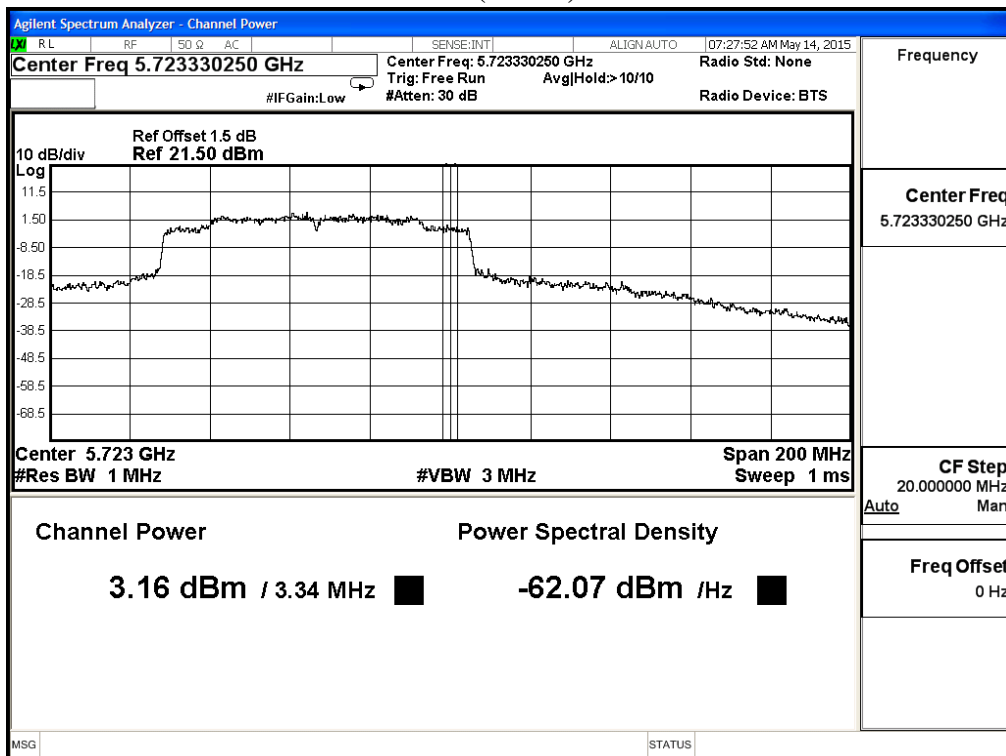
**Channel 122 – Chain B**



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



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



## 4. Peak Power Spectral Density

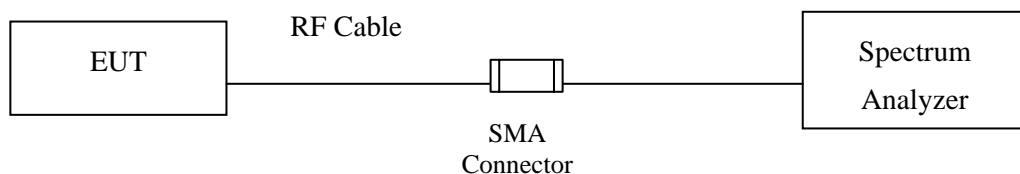
### 4.1. Test Equipment

	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 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.

#### **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**

± 1.27 dB

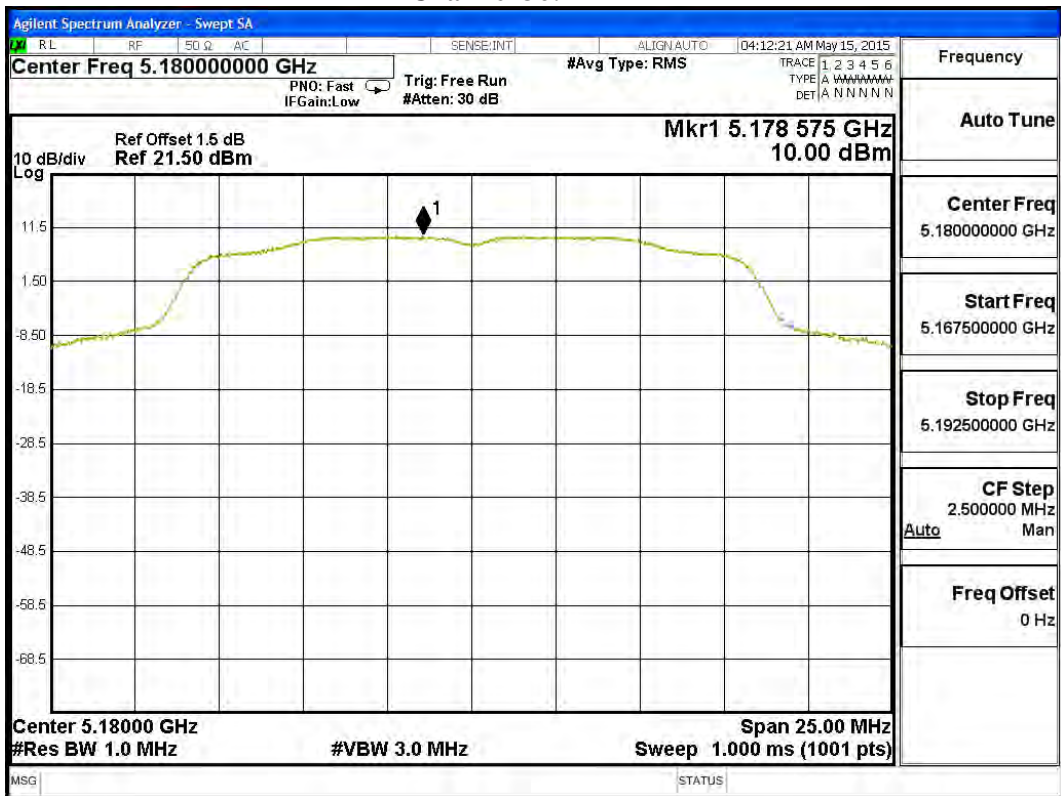
#### 4.6. Test Result of Peak Power Spectral Density

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)

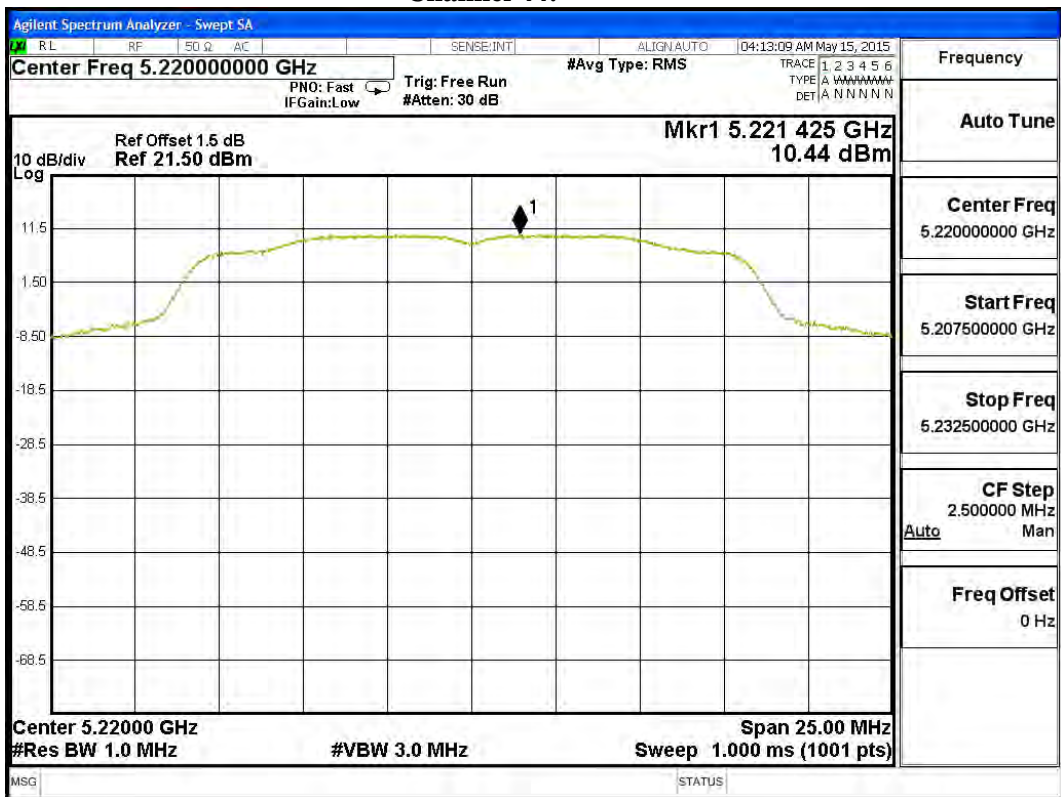
Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	6	10.000	0.08	10.080	11	Pass
44	5220	6	10.440	0.08	10.520	11	Pass
48	5240	6	10.330	0.08	10.410	11	Pass
52	5260	6	10.220	0.08	10.290	11	Pass
60	5300	6	10.110	0.08	10.190	11	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

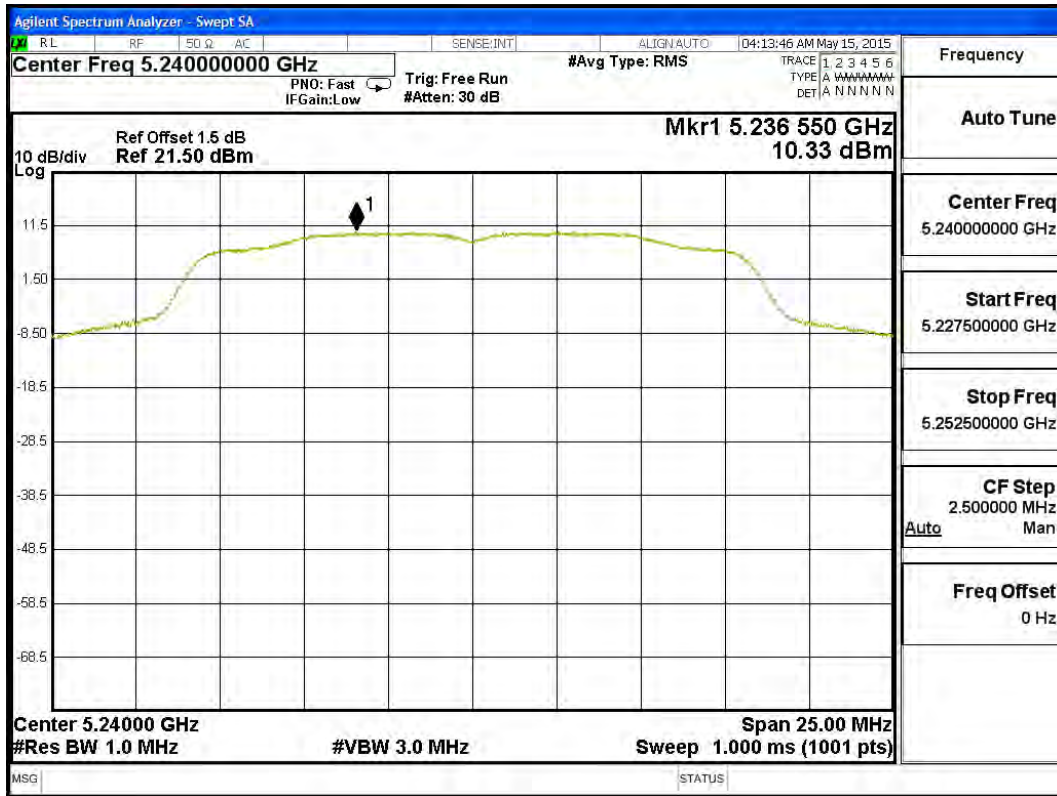
**Channel 36:**



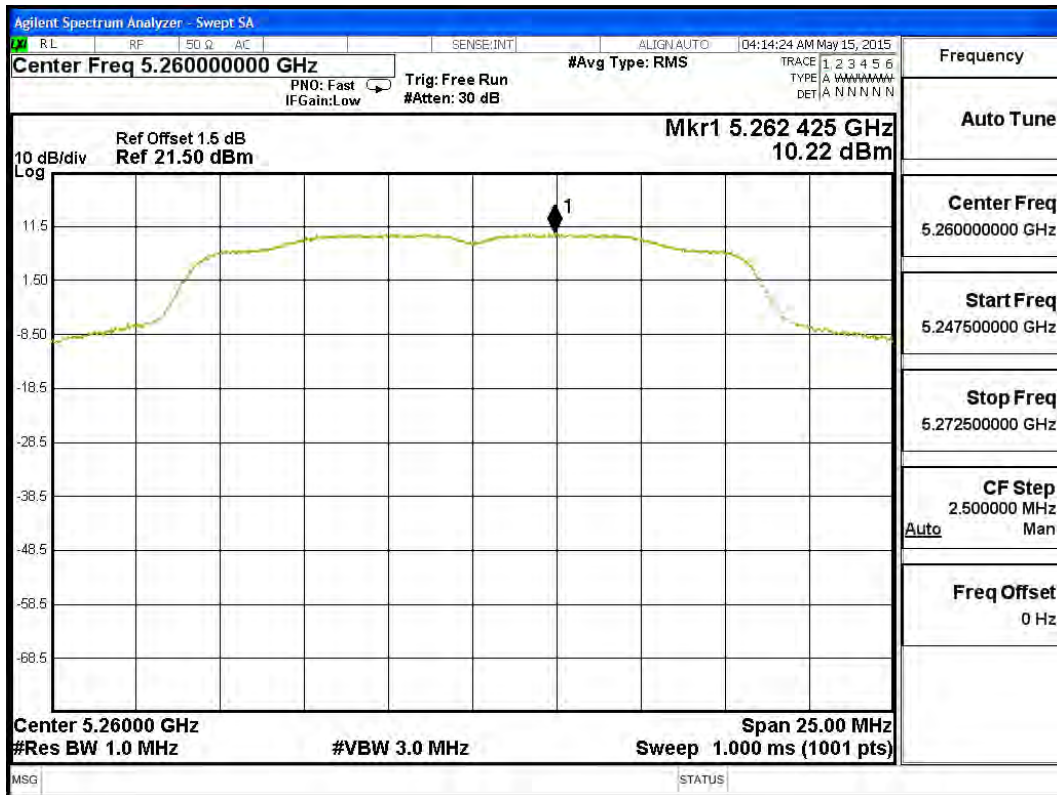
**Channel 44:**



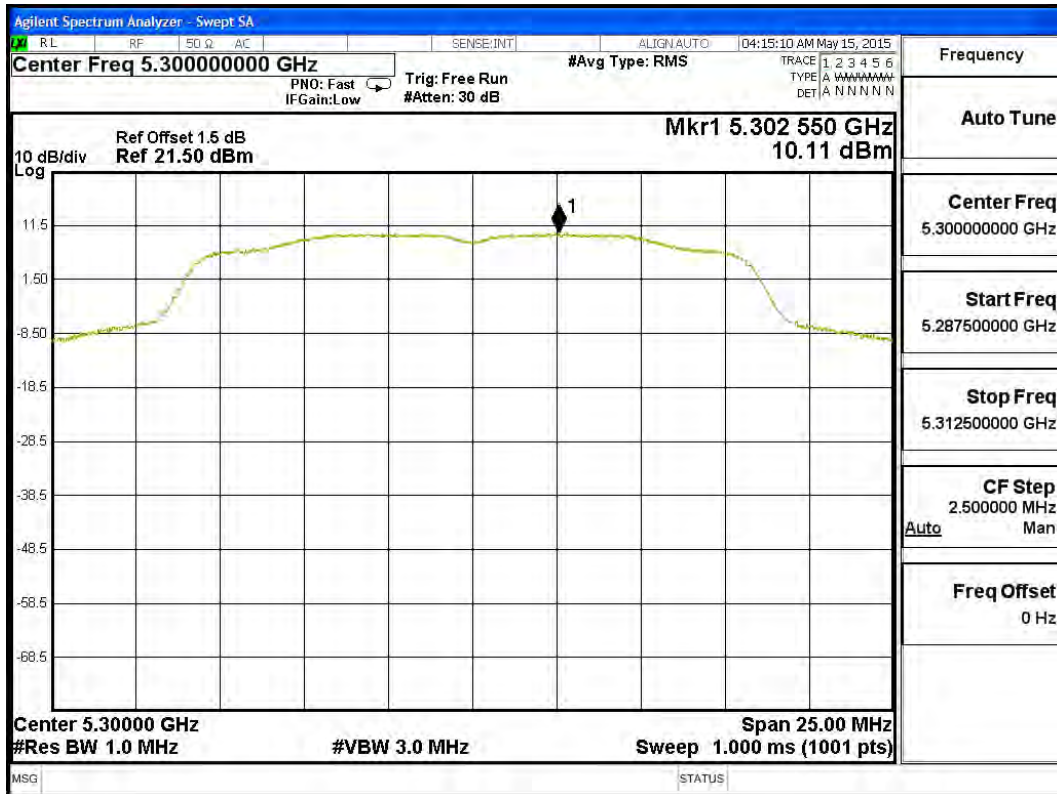
**Channel 48:**



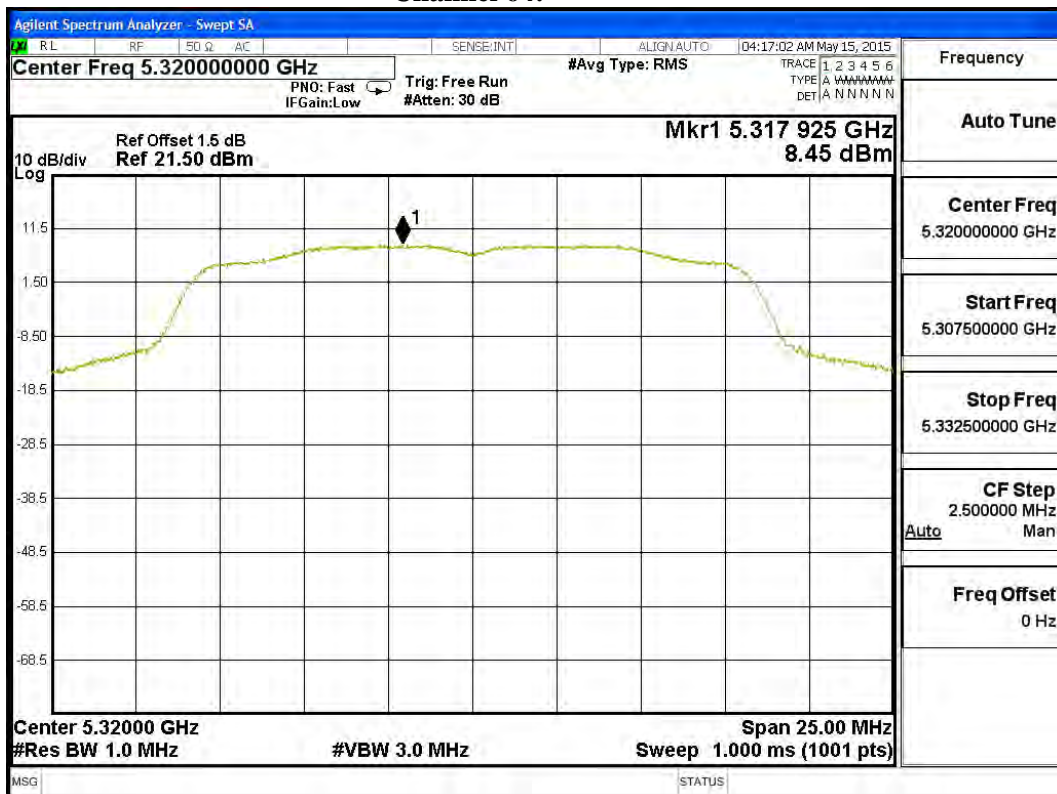
**Channel 52:**



**Channel 60:**

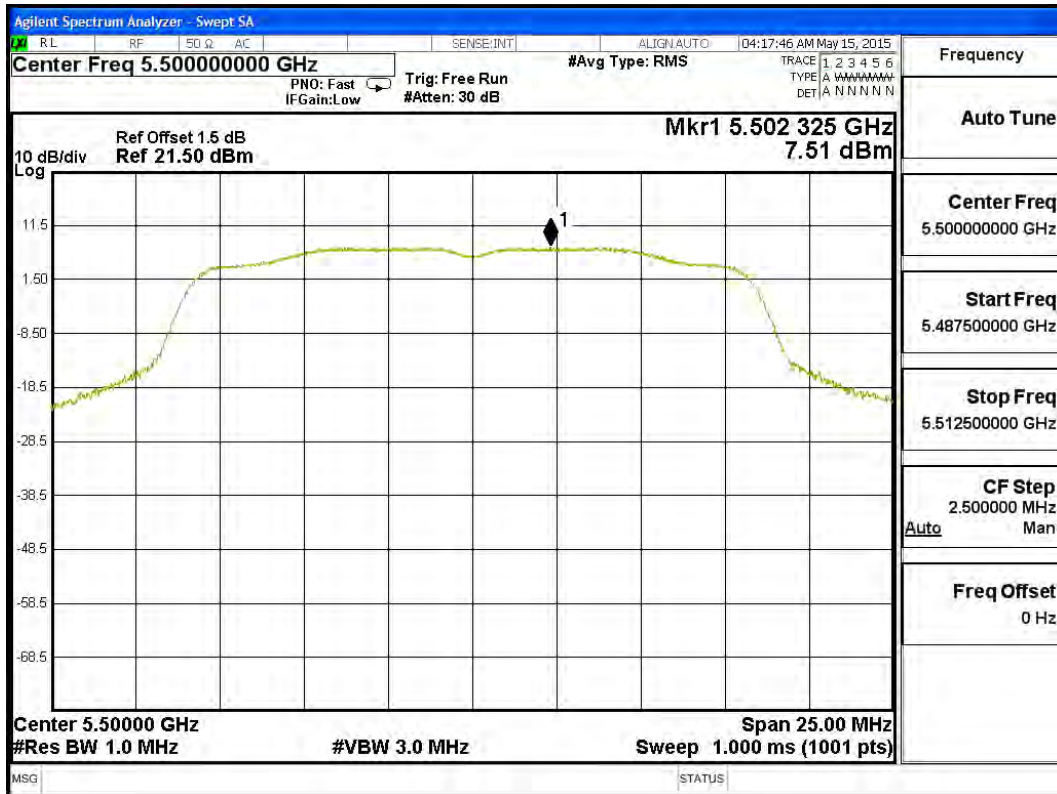


**Channel 64:**

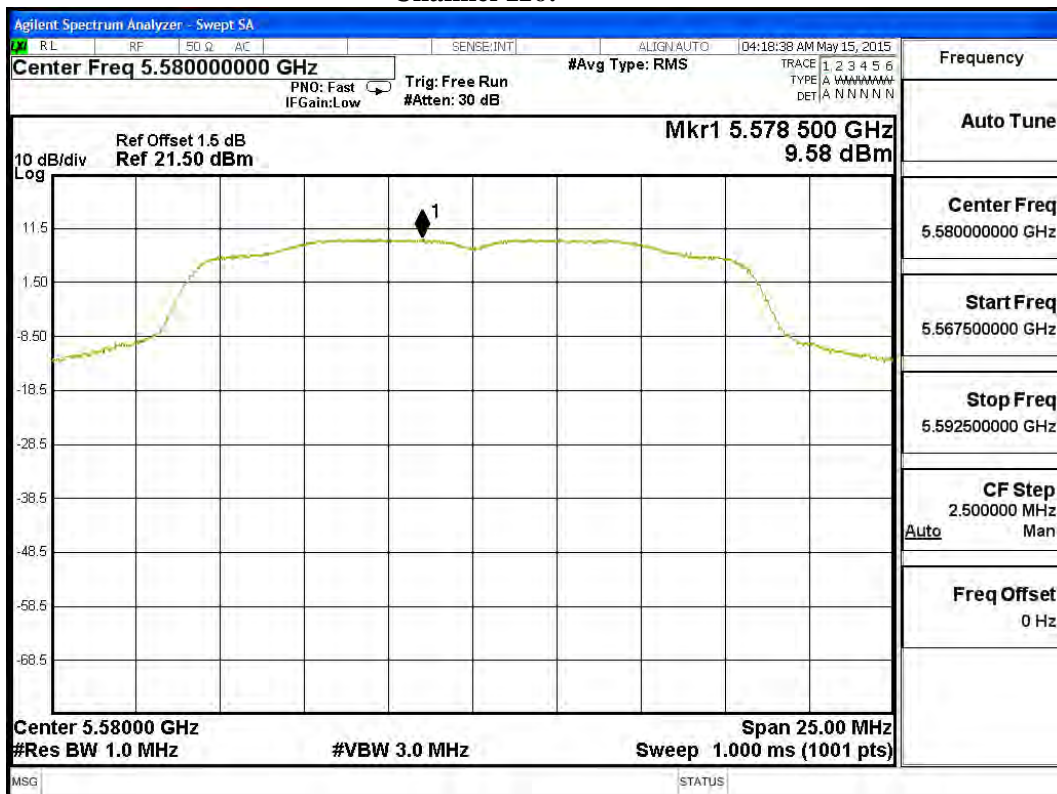




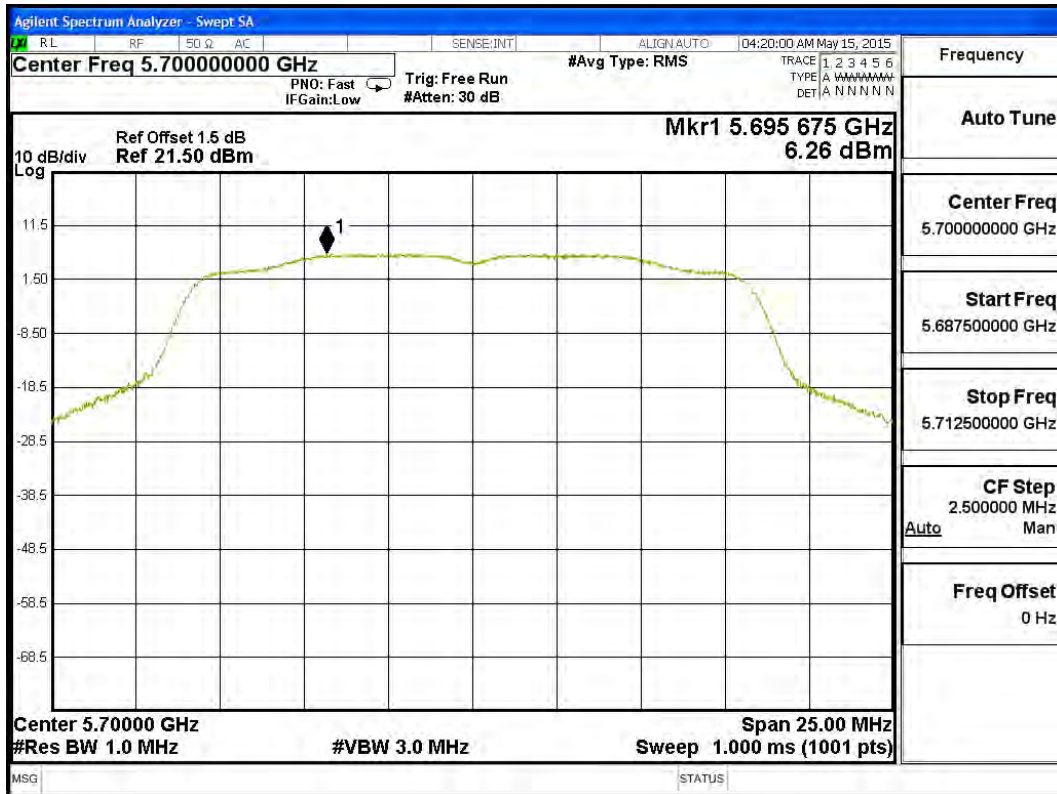
**Channel 100:**



**Channel 116:**



**Channel 140:**

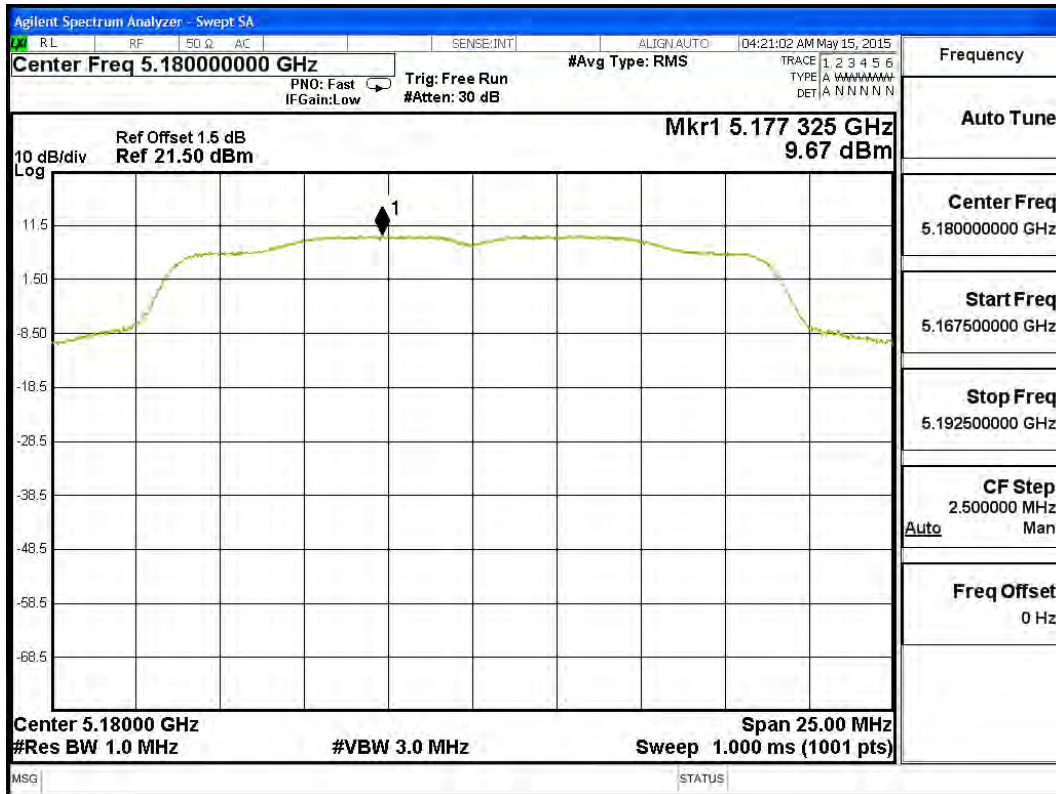


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps)

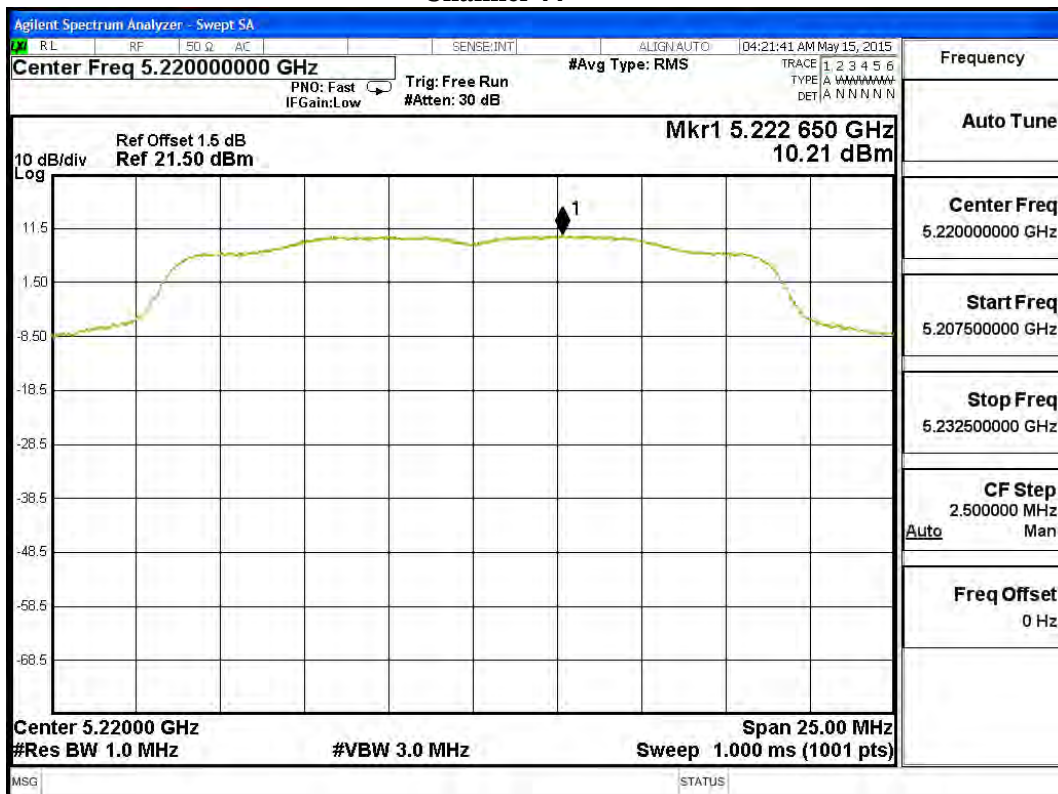
Channel Number	Frequency (MHz)	Data Rata (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	7.2	9.670	0.09	9.750	<11	Pass
44	5220	7.2	10.210	0.09	10.300	<11	Pass
48	5240	7.2	10.020	0.09	10.100	<11	Pass
52	5260	7.2	9.910	0.09	10.000	<11	Pass
60	5300	7.2	10.080	0.09	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 PPSD = PPSD value + Duty Factor

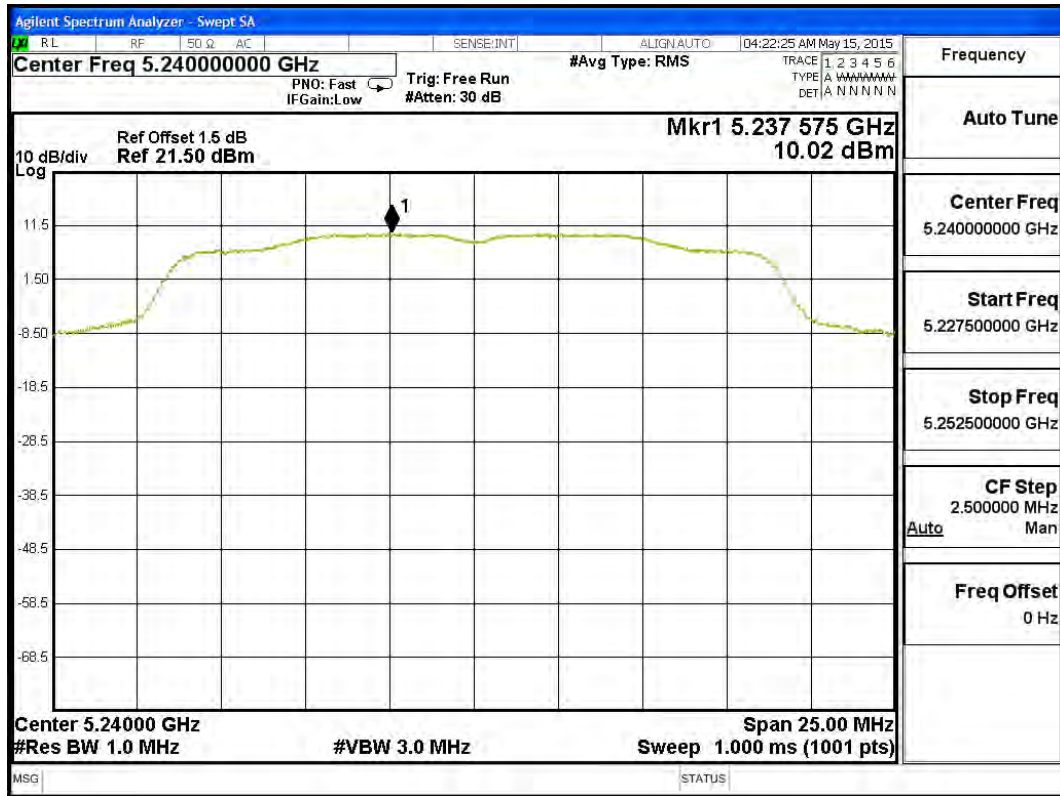
### Channel 36



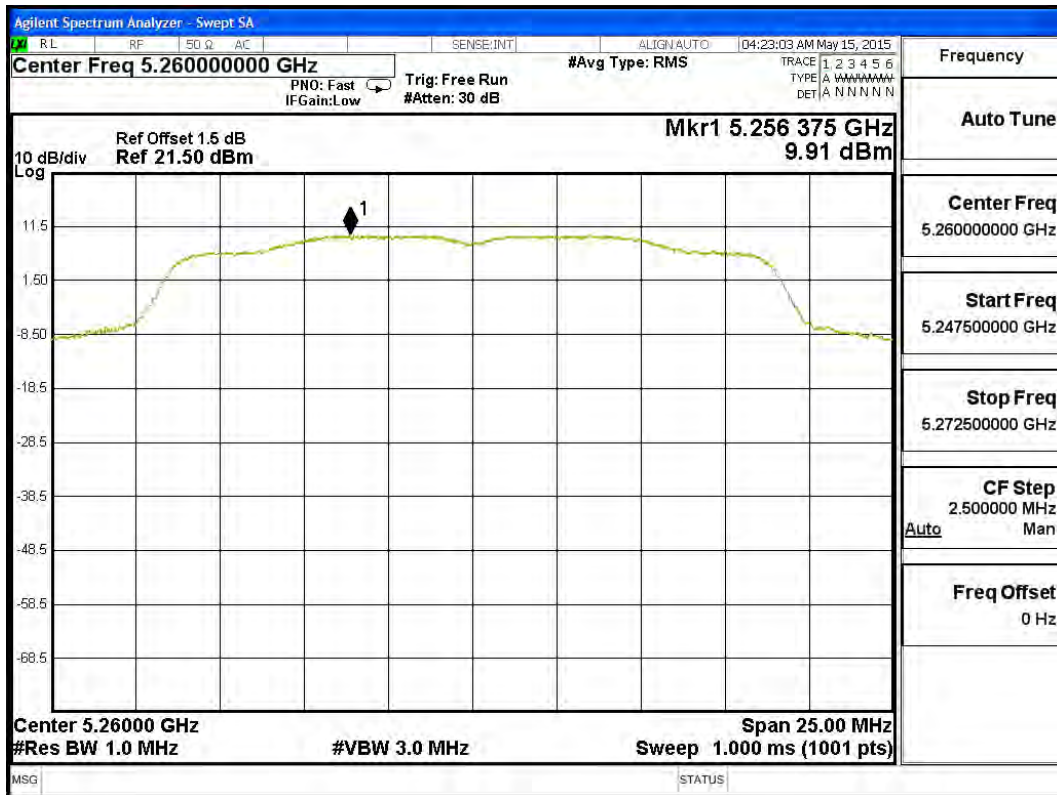
### Channel 44



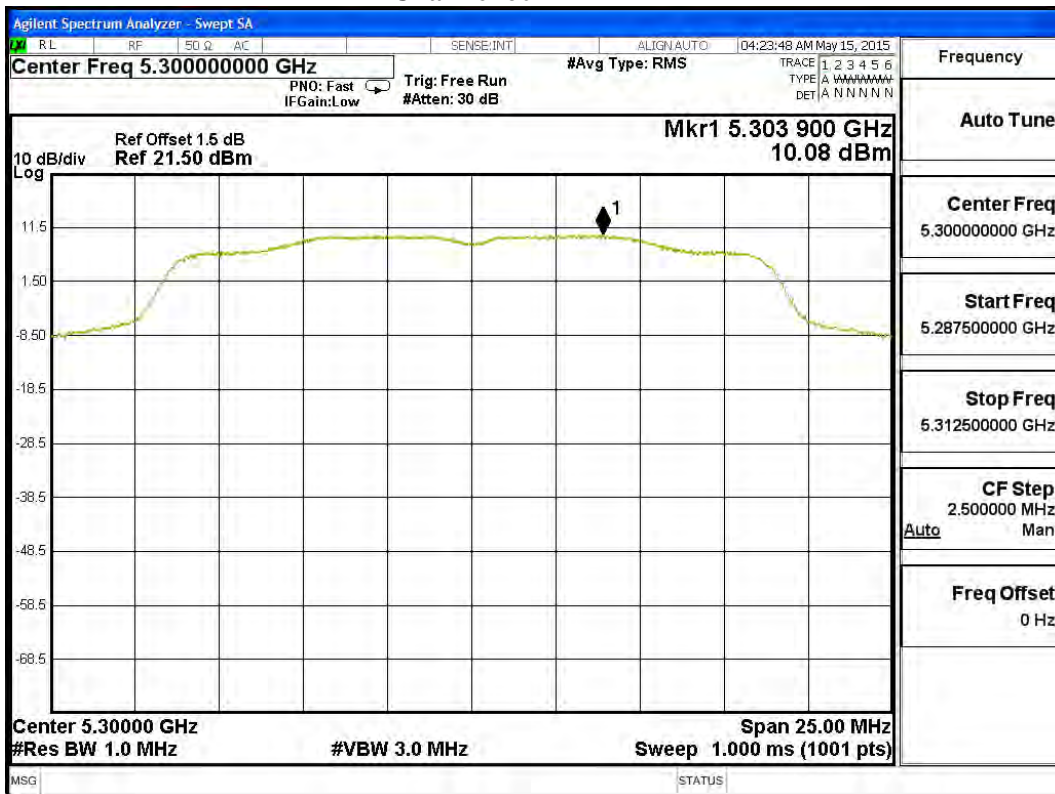
### Channel 48



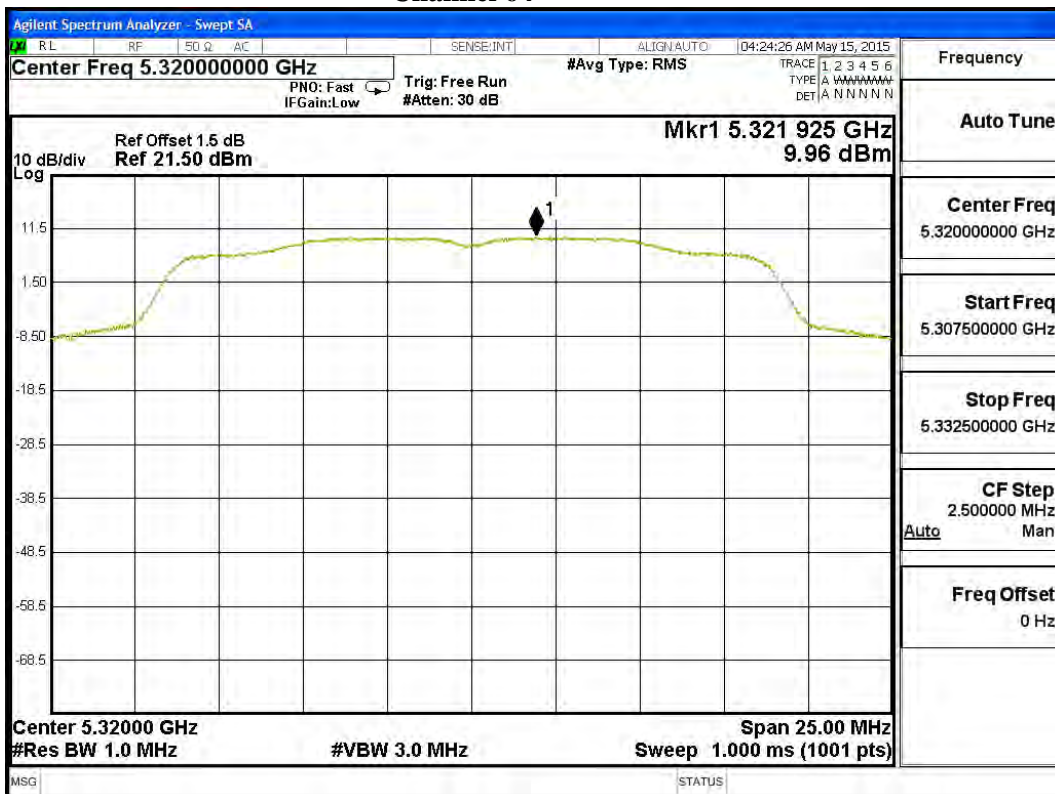
### Channel 52



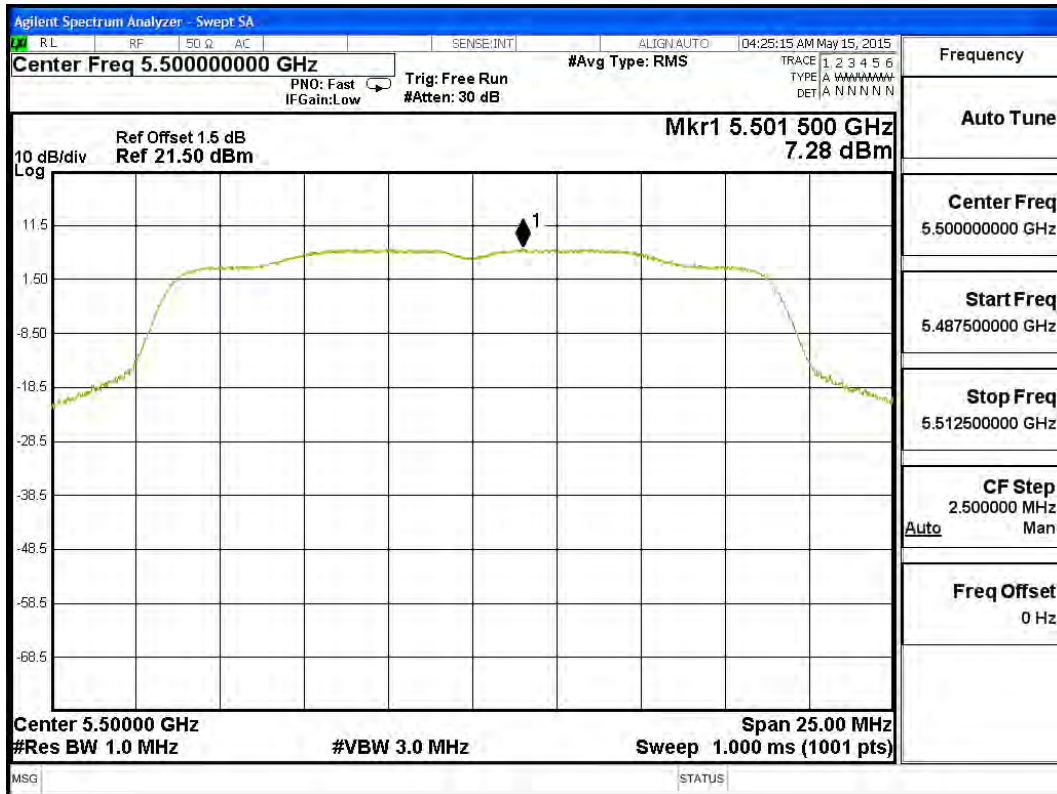
### Channel 60



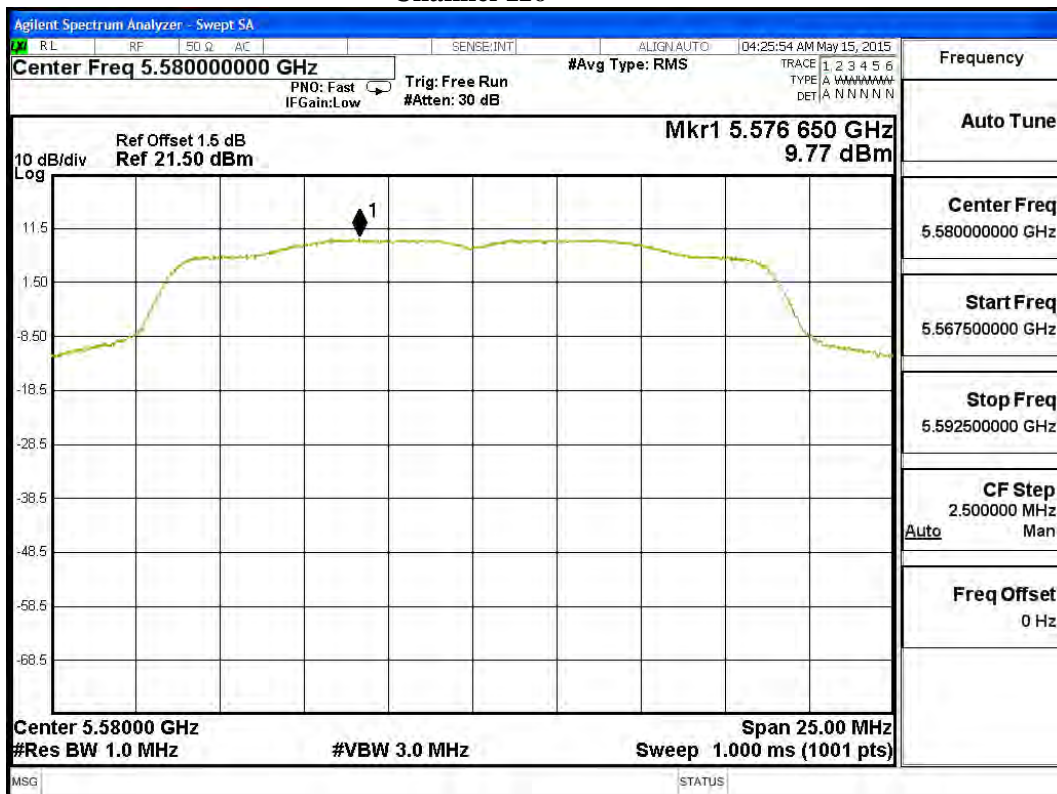
### Channel 64



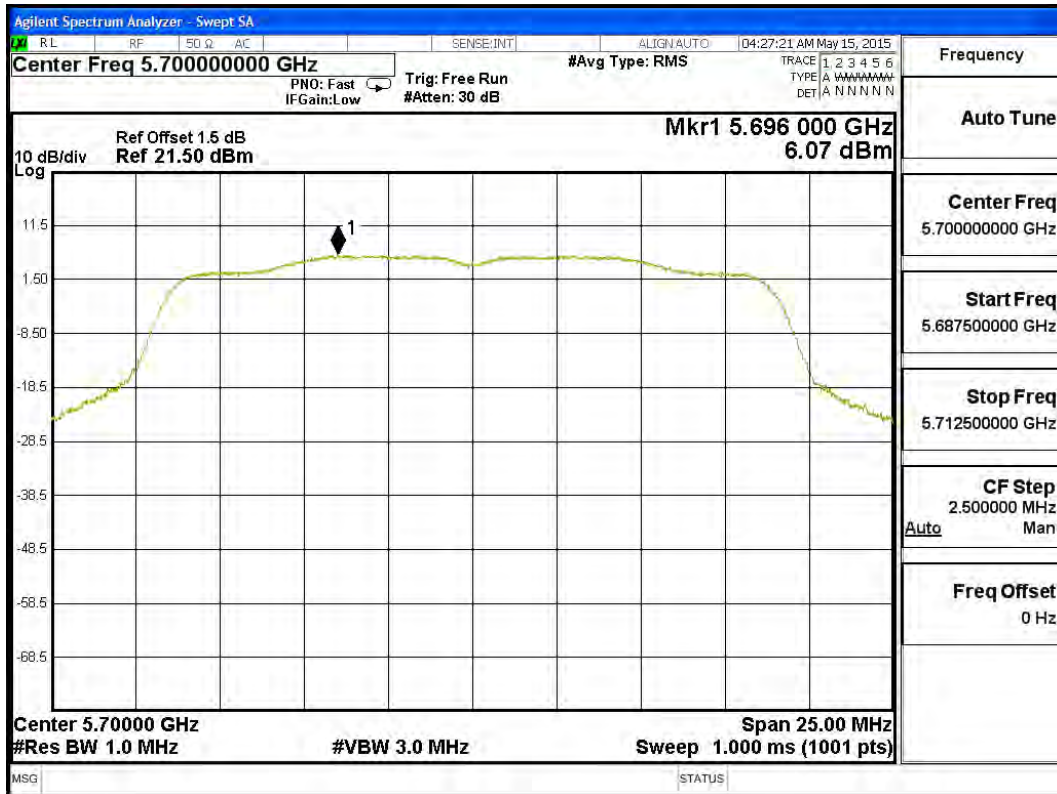
### Channel 100



### Channel 116



**Channel 140**



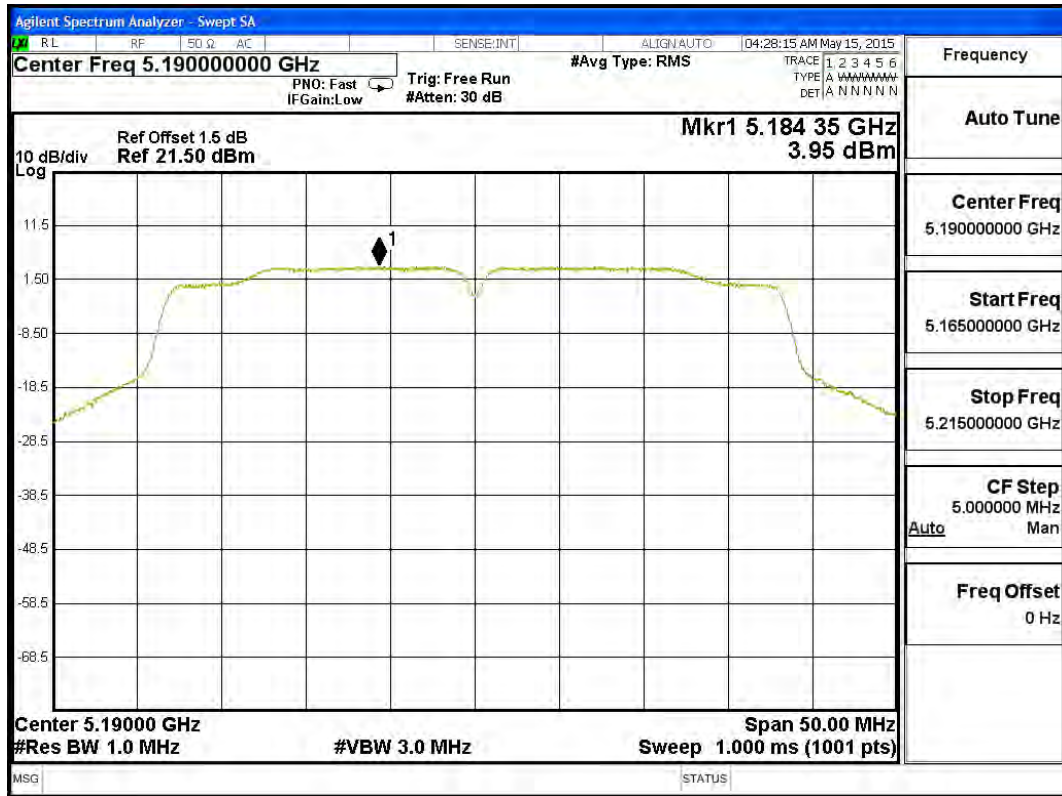


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps)

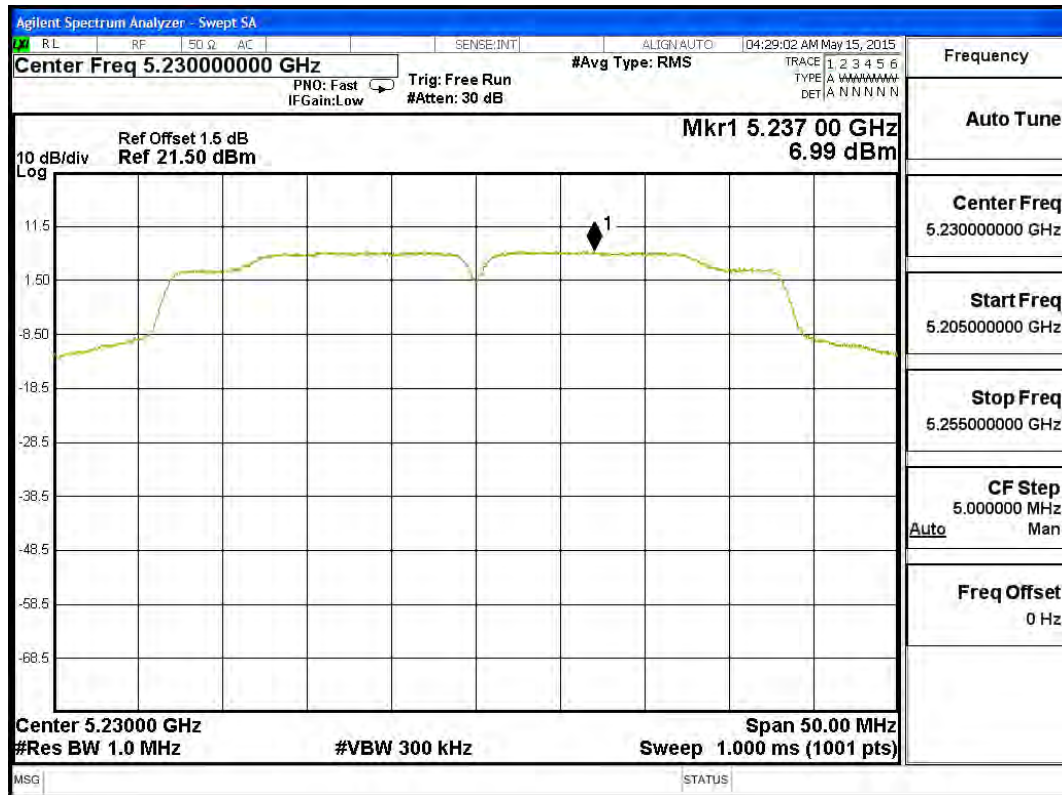
Channel Number	Frequency (MHz)	Data Rata (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
38	5190	15	3.950	0.15	4.100	<11	Pass
46	5230	15	6.990	0.15	7.140	<11	Pass
54	5270	15	7.811	0.15	7.961	<11	Pass
62	5310	15	1.961	0.15	2.111	<11	Pass
102	5510	15	1.037	0.15	1.187	<11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

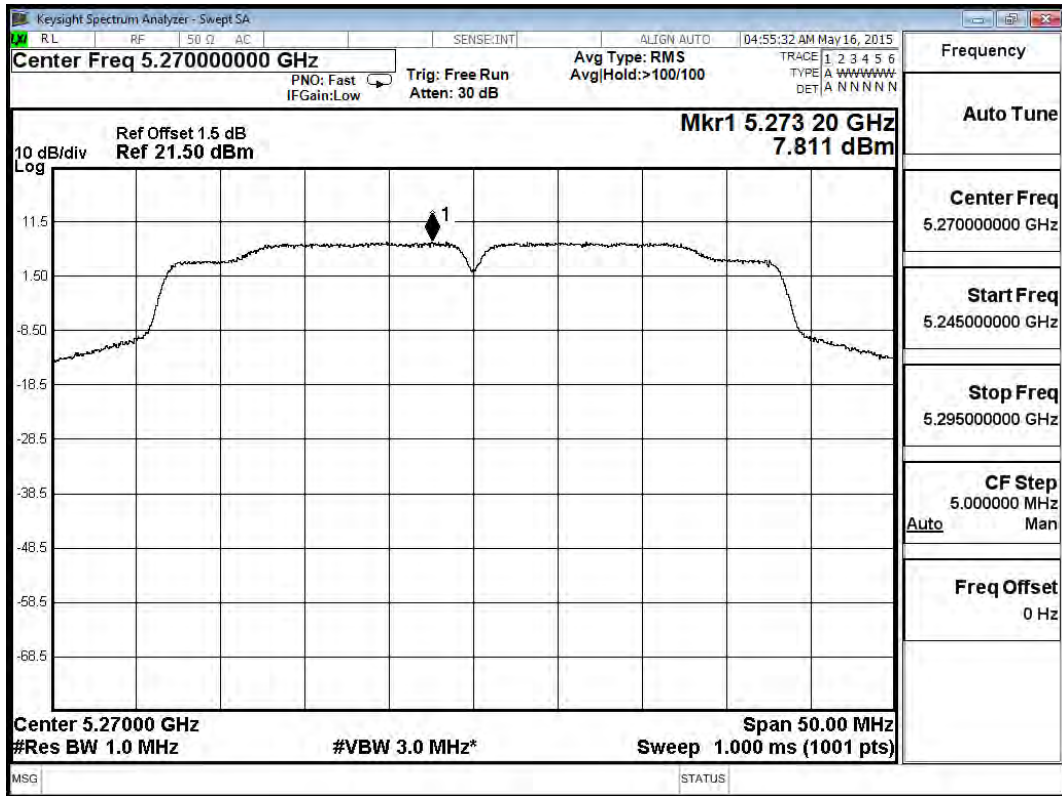
### Channel 38



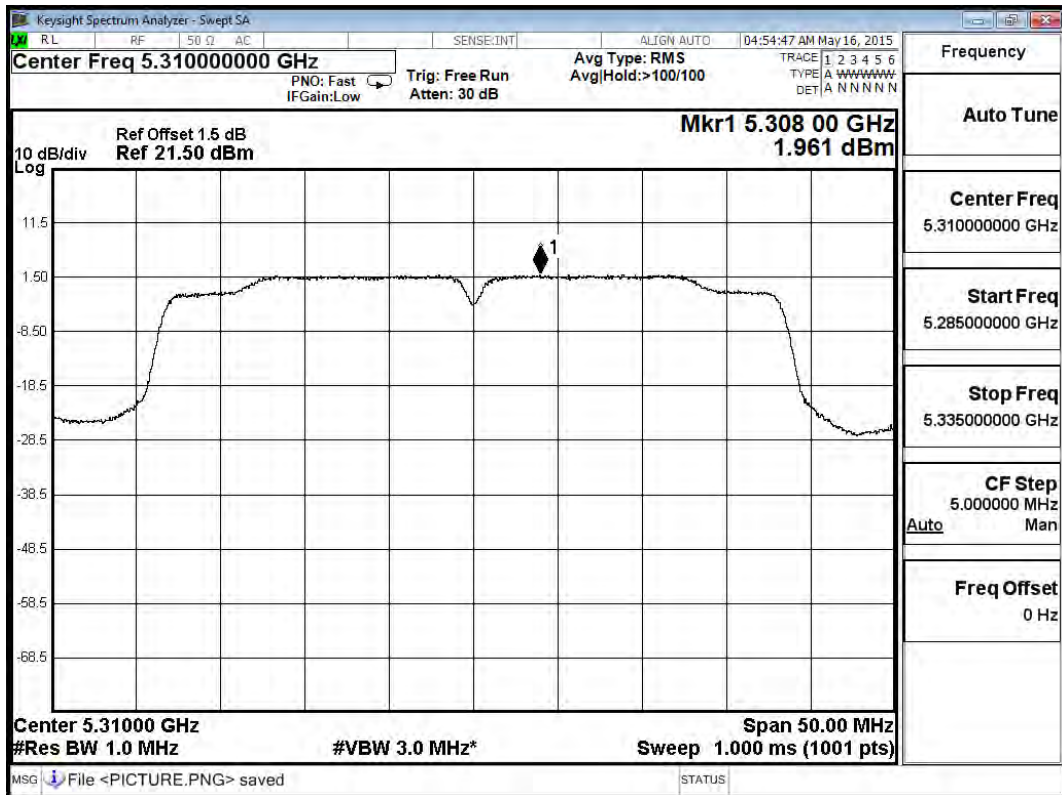
### Channel 46



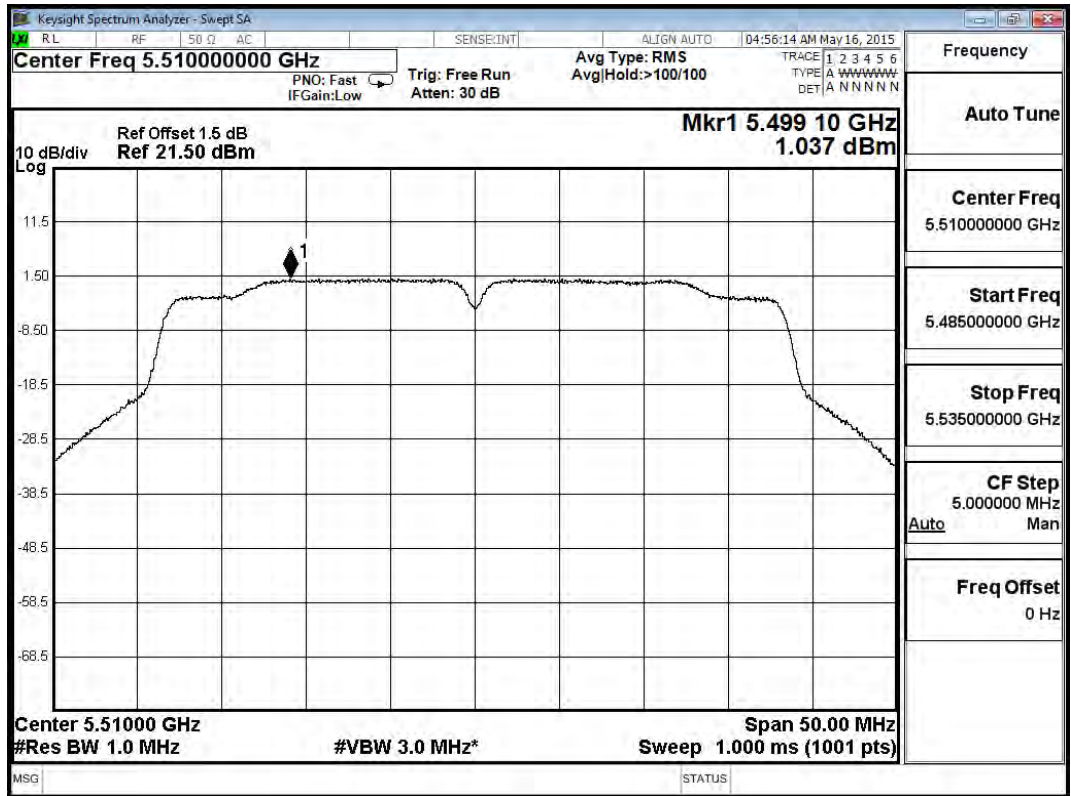
### Channel 54



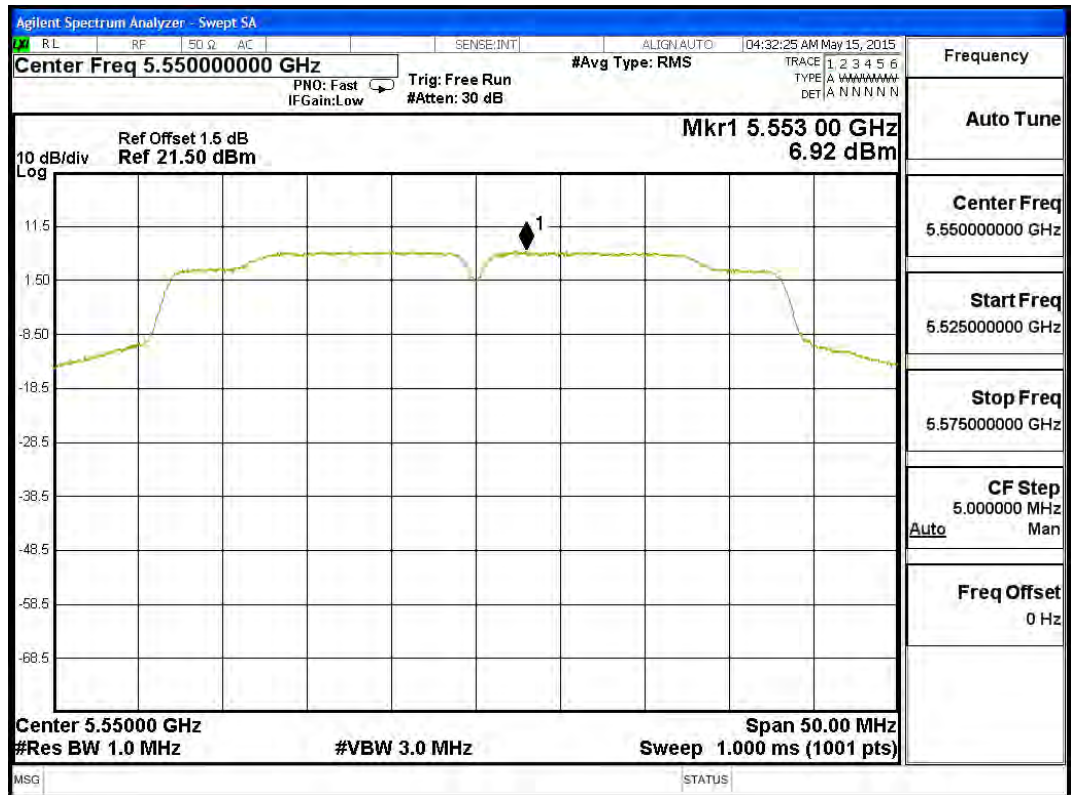
### Channel 62



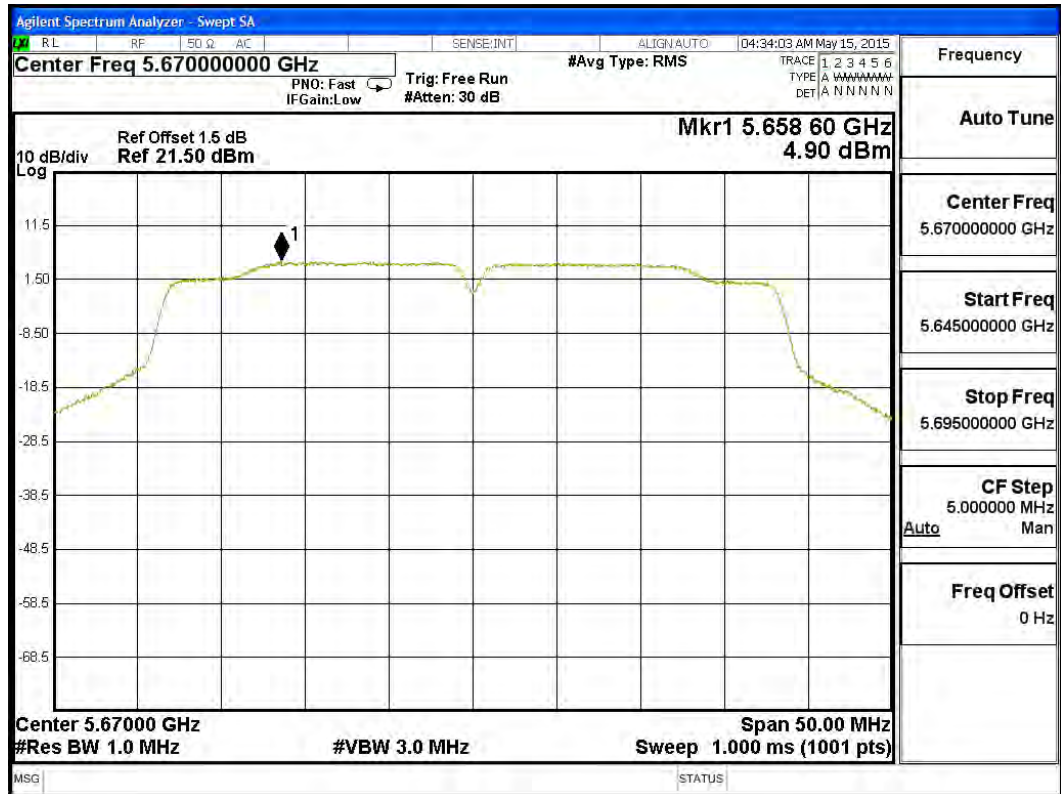
**Channel 102**



**Channel 110**



**Channel 134**

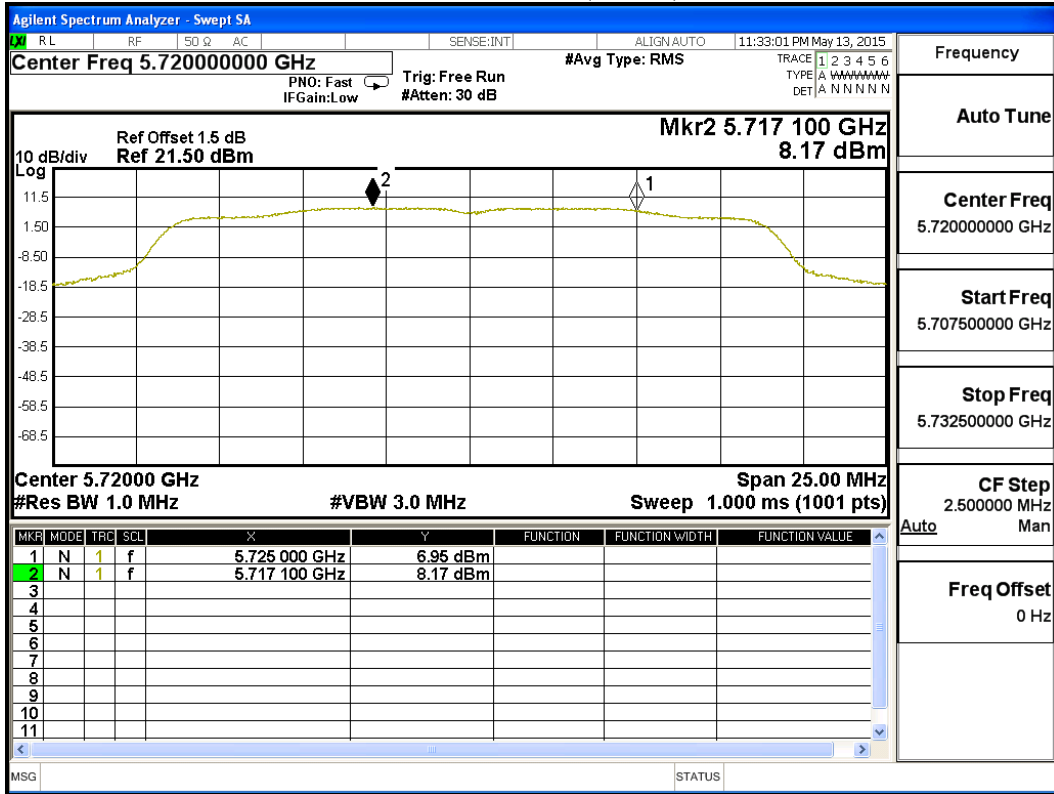


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-20BW-7.2Mbps)

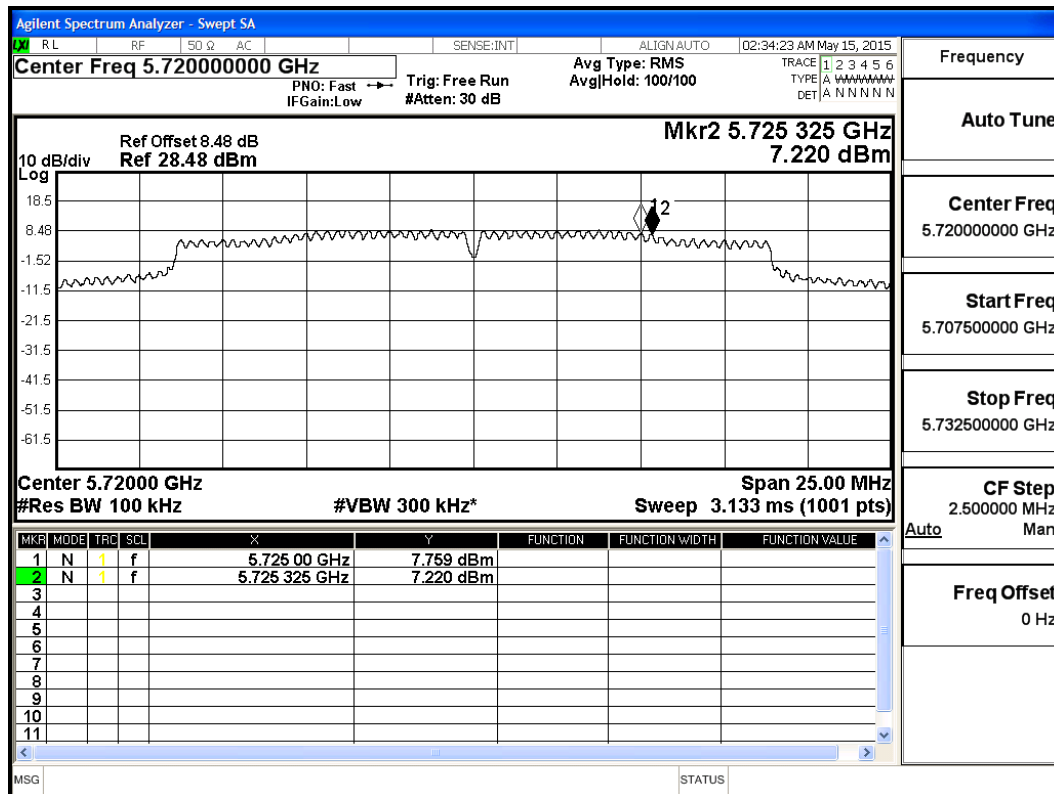
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
144	5720(Band3)	8.170	--	0.09	8.260	<11	Pass
144	5720(Band4)	7.220	6.98	0.09	14.290	<30	Pass

Note: Total PPSD = PPSD value + Duty Factor

### Channel 144 (Band3)



### Channel 144 (Band4)



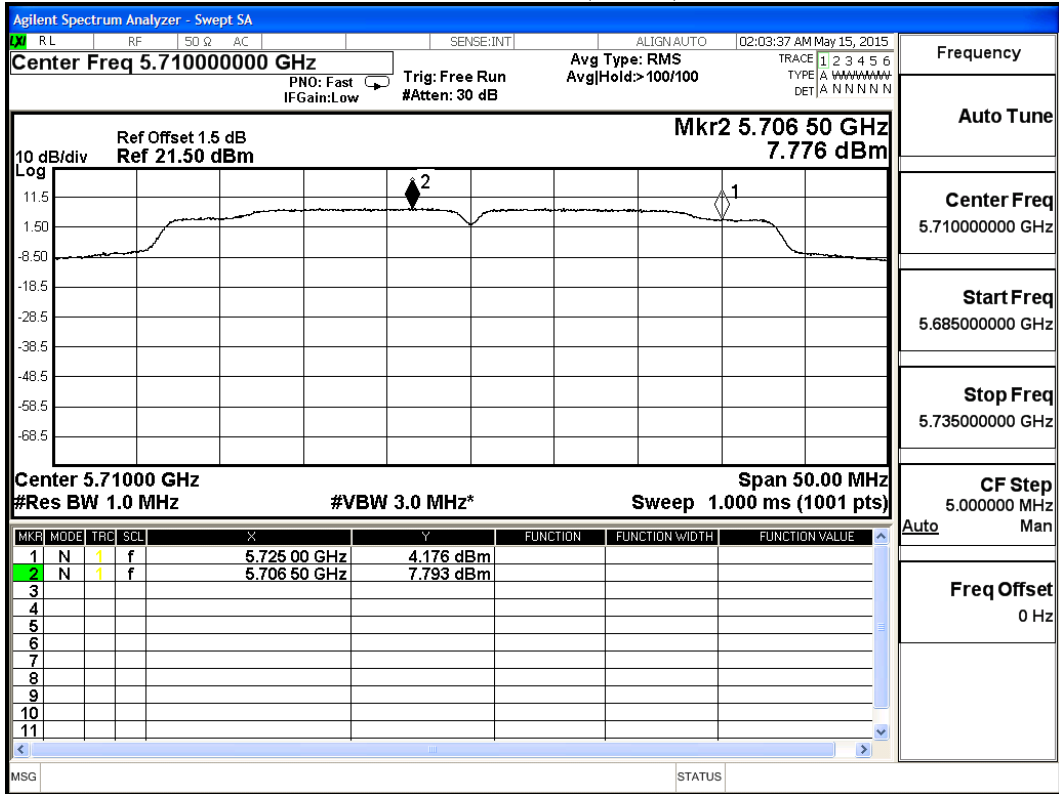
Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-40BW-15Mbps)

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

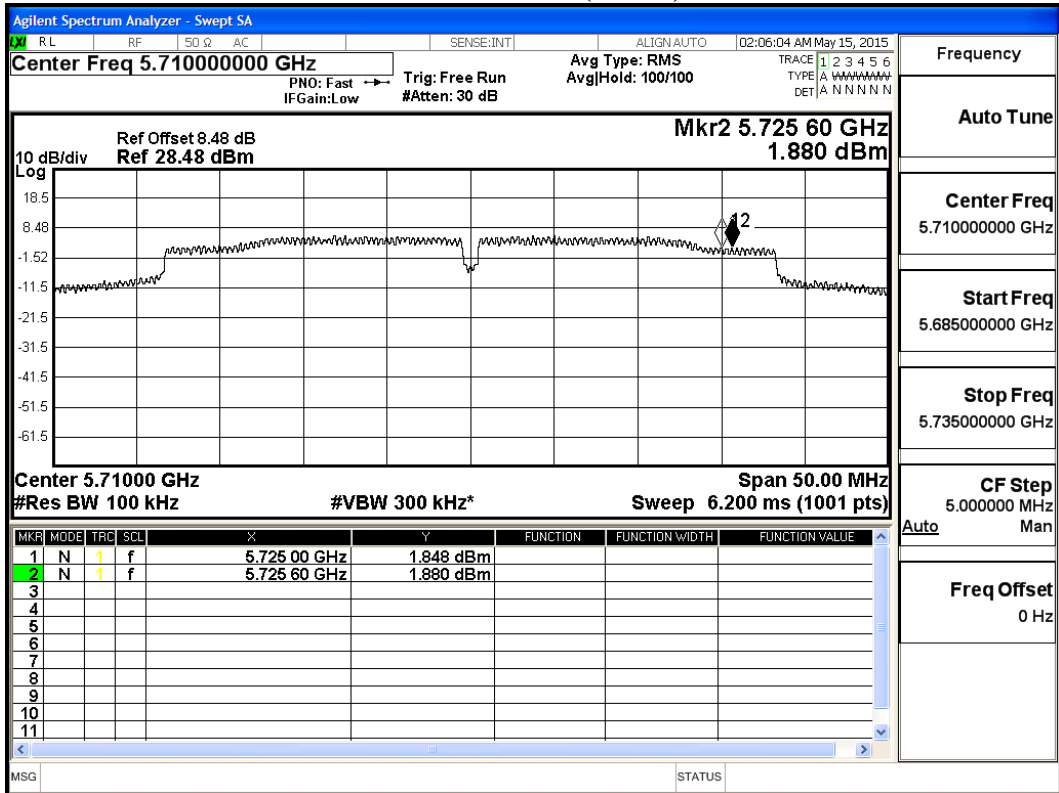
Note: Total PPSD = PPSD value + Duty Factor



### Channel 142 (Band3)



### Channel 142 (Band4)

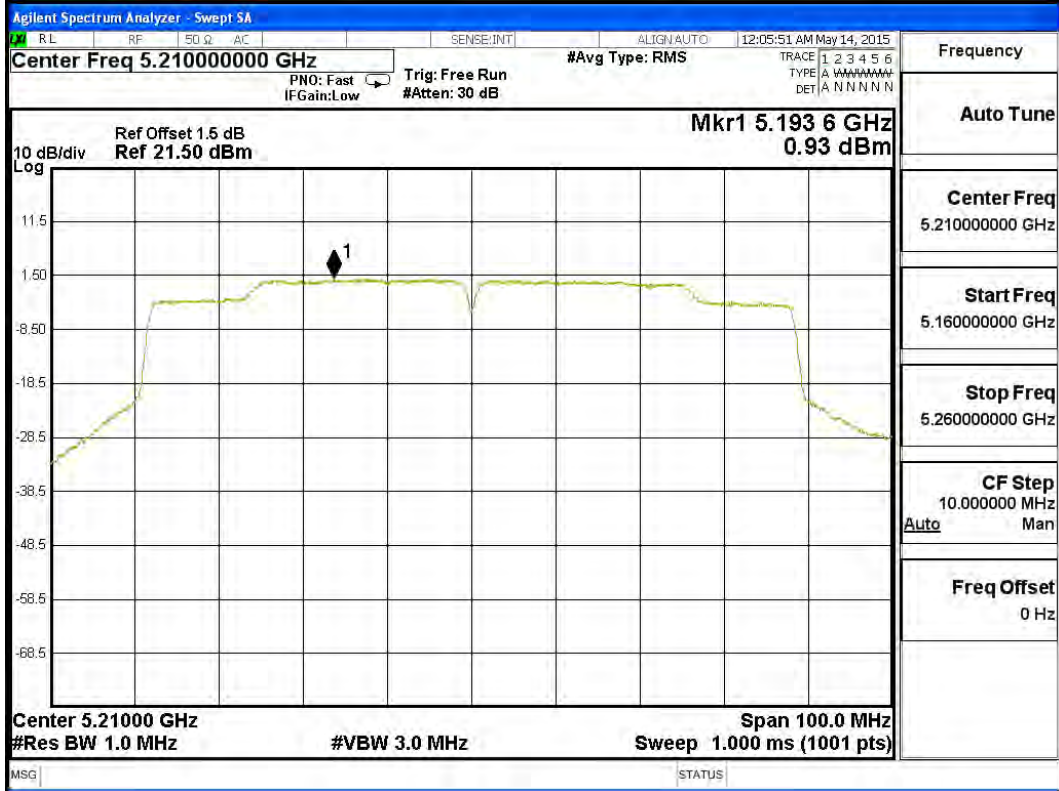


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

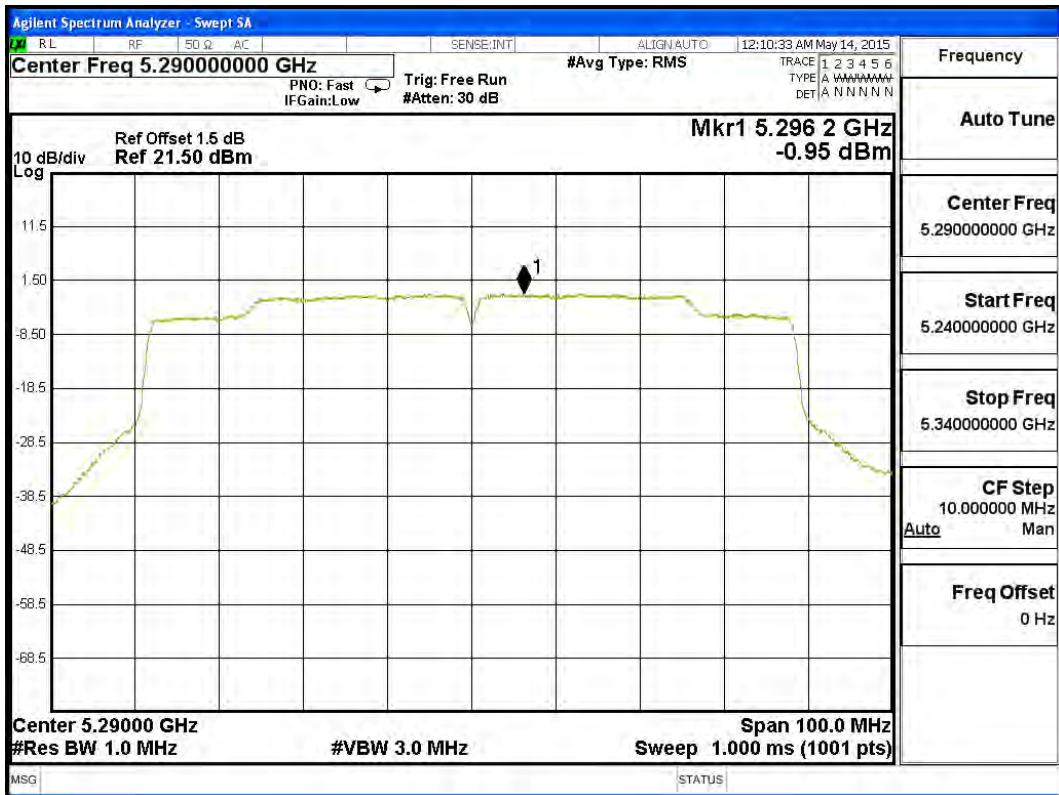
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
42	5210	0.930	--	0.31	1.240	<11	Pass
58	5290	-0.950	--	0.31	-0.640	<11	Pass
106	5530	-1.930	--	0.31	-1.620	<11	Pass
122	5610	-0.280	--	0.31	0.030	<11	Pass
138	5690 (Band3)	4.479	--	0.31	4.789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

Note: Total PPSD = PPSD value + Duty Factor

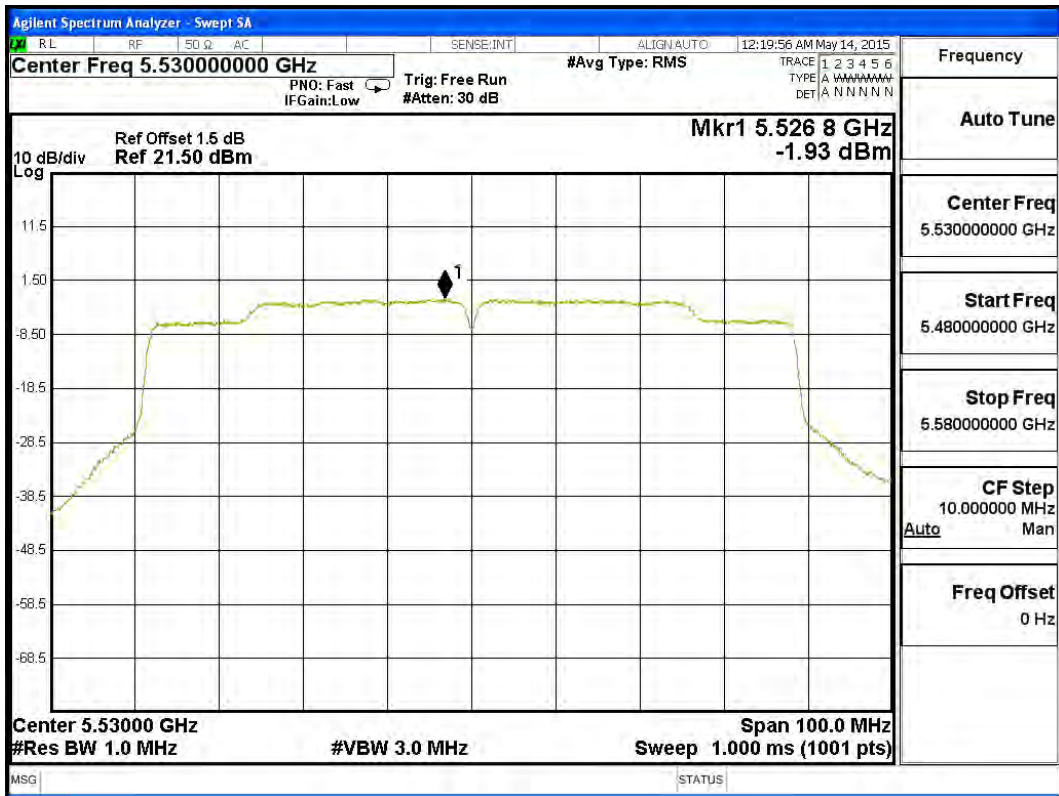
**Channel 42**



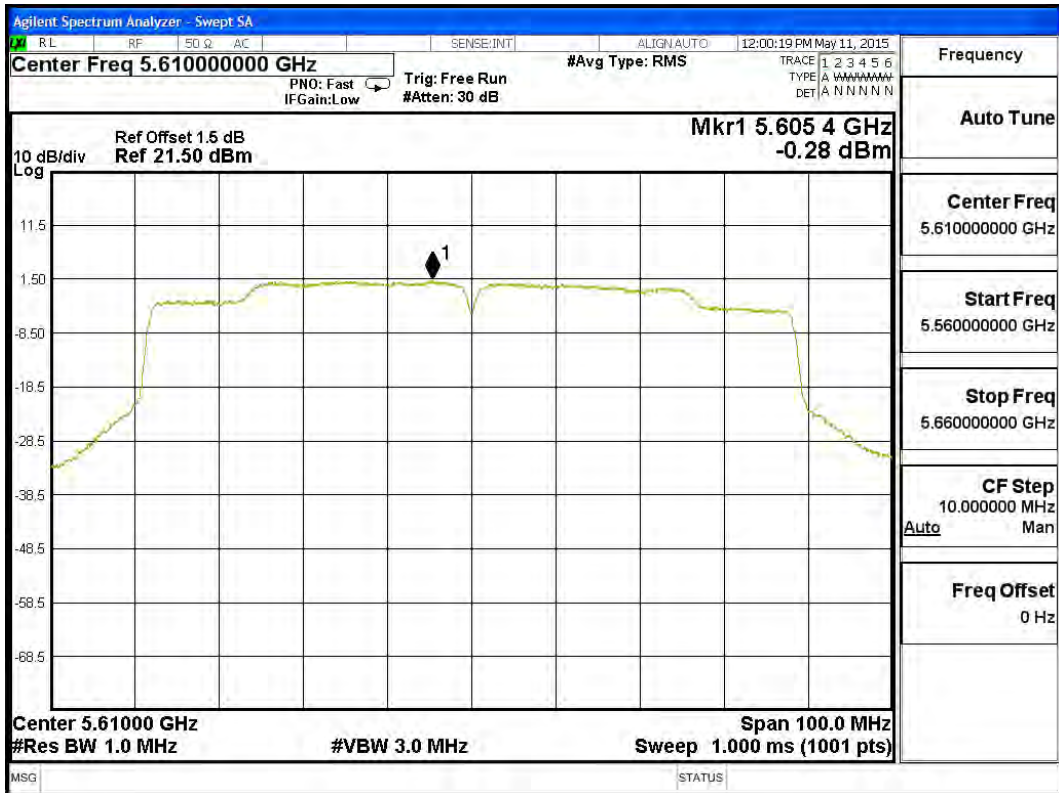
**Channel 58**



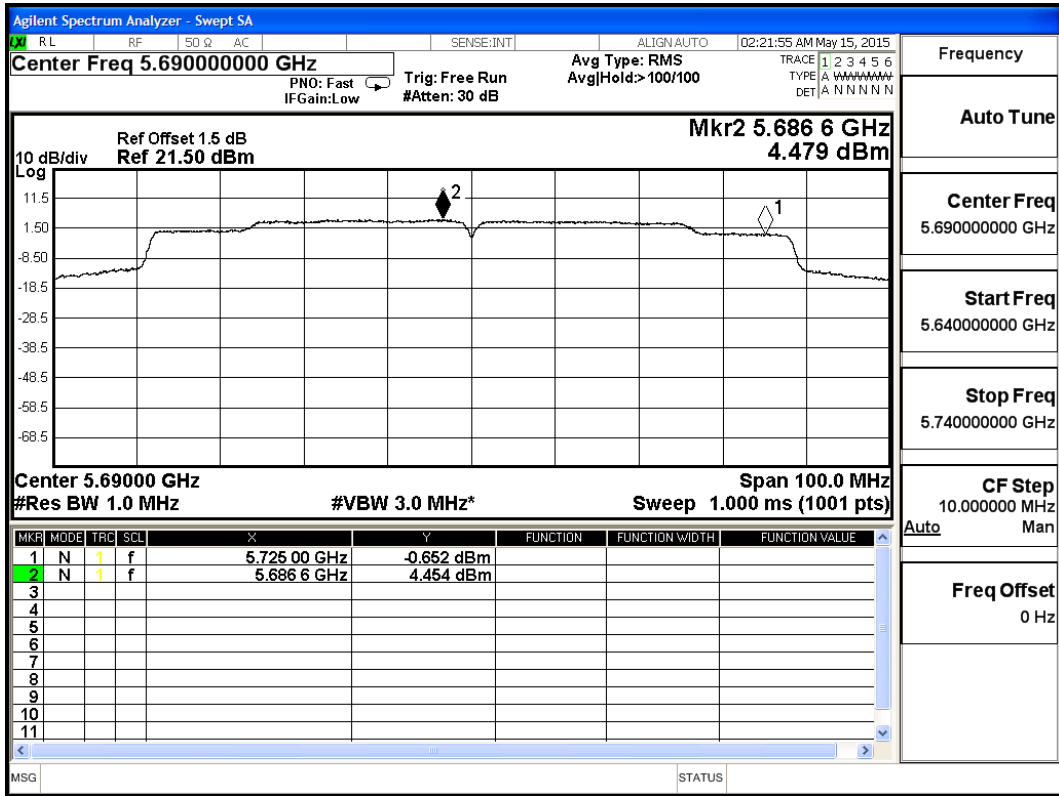
### Channel 106



### Channel 122

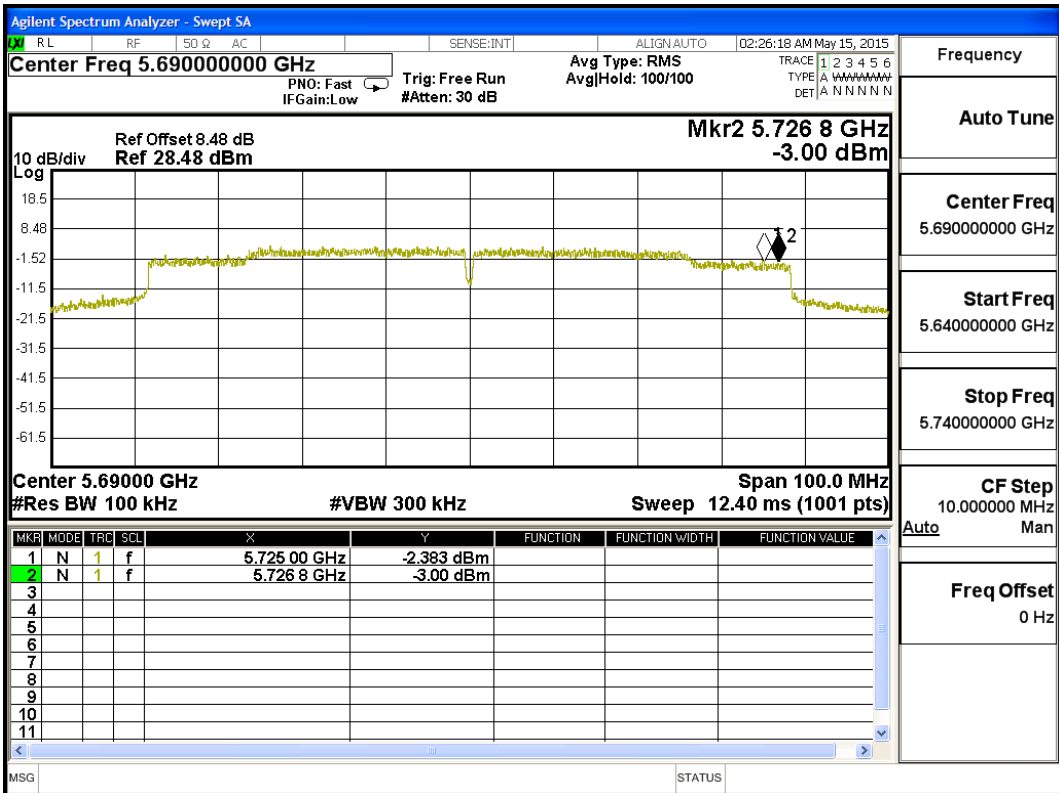


### Channel 138 (Band3)



Frequency
Auto Tune
Center Freq 5.690000000 GHz
Start Freq 5.640000000 GHz
Stop Freq 5.740000000 GHz
CF Step 10.000000 MHz Auto Man
Freq Offset 0 Hz

### Channel 138 (Band4)



Frequency
Auto Tune
Center Freq 5.690000000 GHz
Start Freq 5.640000000 GHz
Stop Freq 5.740000000 GHz
CF Step 10.000000 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 (802.11a-6Mbps)

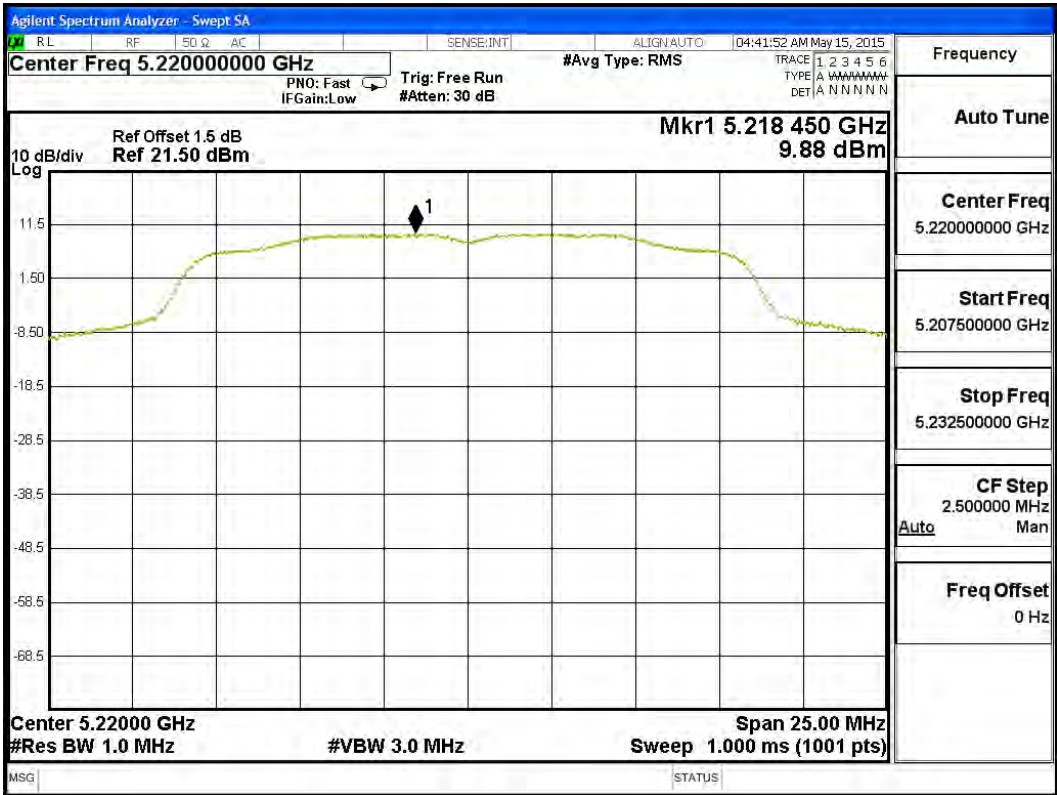
Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	Duty Factor (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	6	8.050	0.08	8.130	11	Pass
44	5220	6	9.880	0.08	9.960	11	Pass
48	5240	6	10.290	0.08	10.370	11	Pass
52	5260	6	10.320	0.08	10.400	11	Pass
60	5300	6	10.010	0.08	10.090	11	Pass
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 PPSD = PPSD value + Duty Factor

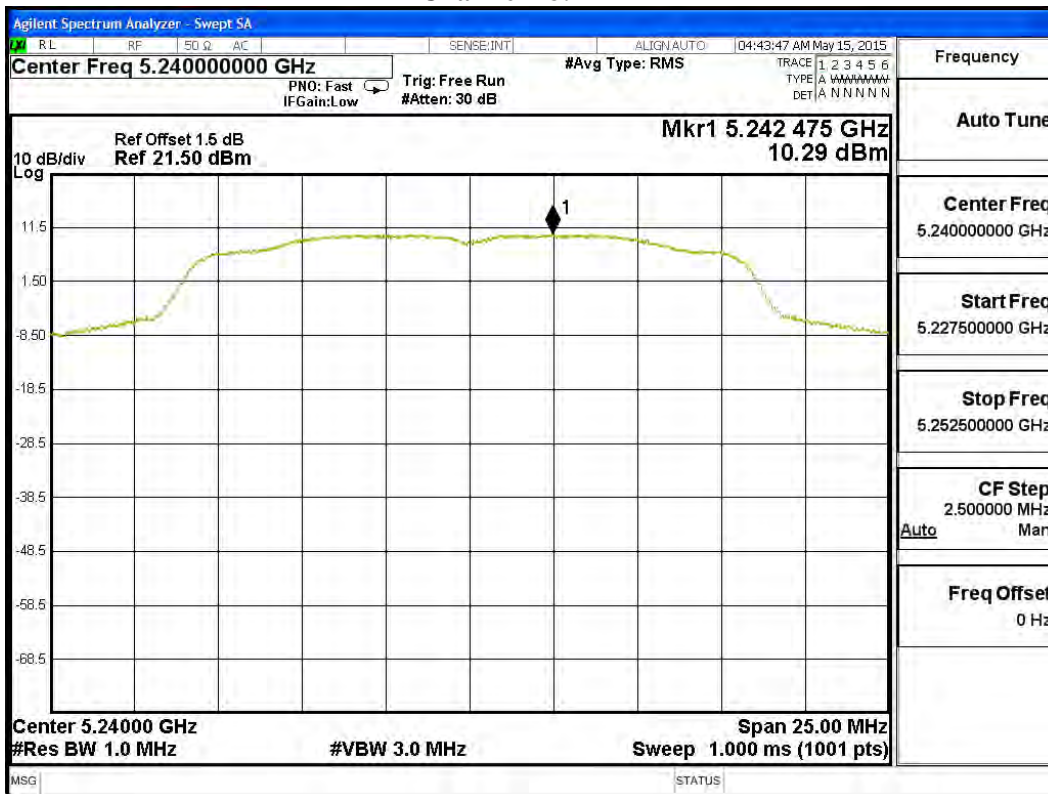
**Channel 36:**



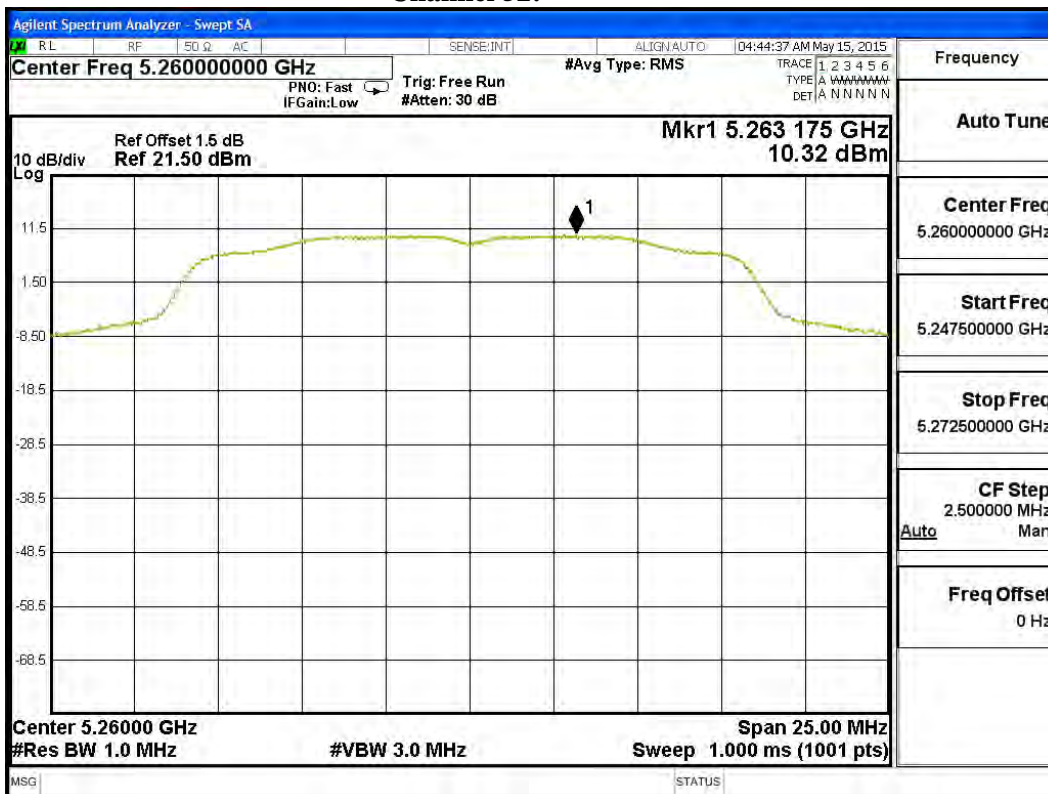
**Channel 44:**



**Channel 48:**

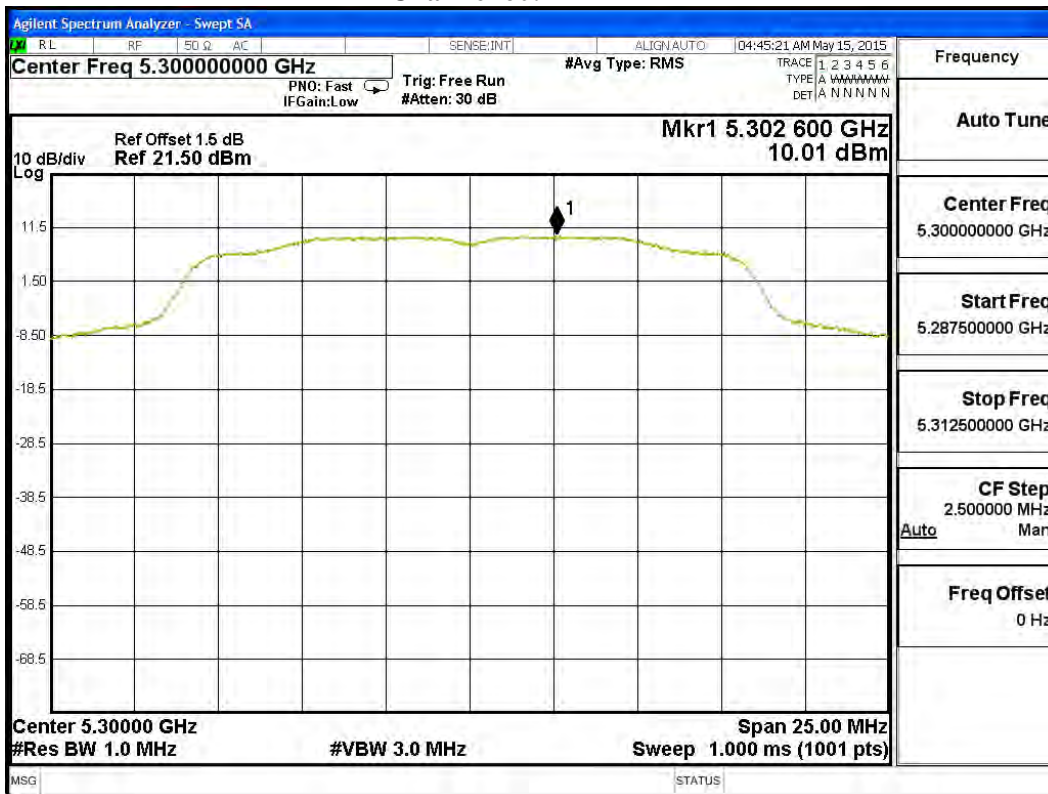


**Channel 52:**





**Channel 60:**



**Channel 64:**

