FCC Test Report
(Class II Permissive Change)

Product Name	Intel® Dual Band Wireless-AC 8260
Model No	8260NGWH
FCC ID	PD98260NGH, PD98260NGHU

*FCC ID: PD98260NGH (for OEM factory install)

*FCC ID: PD98260NGHU (for User Installation w/bios lock feature.)

Applicant	Intel Mobile Communications
Address	100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA

Date of Receipt	Sep. 07, 2015
Issued Date	Sep. 10, 2015
Report No.	1590214R-RFUSP06V00
Report Version	V1.0

Testing Laboratory
3023

Test Report

Issued Date: Sep. 10, 2015
Report No.: 1590214R-RFUSP06V00

Product Name	Intel® Dual Band Wireless-AC 8260
Applicant	Intel Mobile Communications
Address	100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA
Manufacturer	Intel Mobile Communications
Model No.	8260NGWH
FCC ID.	PD98260NGH, PD98260NGHU
EUT Rated Voltage	DC 3.3V
EUT Test Voltage	AC 120V/60Hz
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart E: 2014 ANSI C63.4: 2014, ANSI C63.10: 2013 789033 D02 General UNII Test Procedures New Rules v01
Test Result	Complied

Documented By : Joanne Lin

(Senior Adm. Specialist / Joanne Lin)

Tested By : Alan Chen

(Engineer / Alan Chen)

Approved By :

(Director / Vincent Lin)

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Description Page

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Dual Band Wireless-AC 8260
Trade Name	Intel
FCC ID.	PD98260NGH, PD98260NGHU
Model No.	8260NGWH
Frequency Range	802.11a/n-20MHz: 5745-5825MHz 802.11n-40MHz: 5755-5795MHz 802.11ac-80MHz: 5775MHz
Number of Channels	802.11a/n-20MHz: 5 802.11n-40MHz: 2 802.11ac-80MHz: 1
Data Rate	802.11a: 6 - 54Mbps 802.11n: up to 300Mbps 802.11ac-80MHz: up to 866.7MHz
Channel Control	Auto
Type of Modulation	802.11a/n/ac:OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna type	PIFA Antenna
Antenna Gain	Refer to the table “Antenna List”

Antenna List

No.	Manufacturer	Part No.	Antenna type	Peak Gain
1.	SkyCross	N/A (Main) N/A (Aux)	PIFA	4.97dBi For 5.725~5.825GHz

Note: The antenna of EUT is conform to FCC 15.203.

802.11a/n-20MHz/ac-20MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 149:	5745 MHz	Channel 153:	5765 MHz	Channel 157:	5785 MHz	Channel 161:	5805 MHz
Channel 165:	5825 MHz						

802.11n-40MHz/ac-40MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency
Channel 151:	5755 MHz	Channel 159:	5795 MHz

802.11ac-80MHz Center Working Frequency of Each Channel:

Channel	Frequency
Channel 155:	5775 MHz

Duty Cycle

If duty cycle is <98%, duty factor shall be considered.

Formula:

Duty cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

Results:

SISO A / SISO B

	Duty Cycle	Duty Factor (dB)
802.11a	0.98	0.07
802.11n-20	0.99	0.05
802.11n-40	0.97	0.14
802.11ac-80	0.94	0.29

MIMO / Beamforming

	Duty Cycle	Duty Factor (dB)
802.11n-20	0.96	0.16
802.11n-40	0.97	0.14
802.11ac-80	0.63	2.00

Note:

1. This device is a Intel® Dual Band Wireless-AC 8260 including an IEEE 802.11 a/b/g/n/ac WLAN transceiver.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart E for Unlicensed National Information Infrastructure devices.
4. This is to request a Class II permissive change for FCC ID:
   PD98260NGH (originally granted on 05/29/2015) and PD98260NGHU (originally granted on 05/29/2015).
   The major change filed under this application is:
   Changes in operation in U-NII-3 Band:
   This device previously authorized under Section 15.247, a Class II permissive change reduce the Output Power through firmware filing to demonstrate compliance with the New Rules.

Test Mode	Mode 1: Transmitter (802.11a-6Mbps)_SISO A Mode 1: Transmitter (802.11a-6Mbps)_SISO B Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B Mode 3: Transmitter (802.11n-40BW 30Mbps)_MIMO Mode 3: Transmitter (802.11n-40BW 30Mbps)_Beamforming Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming

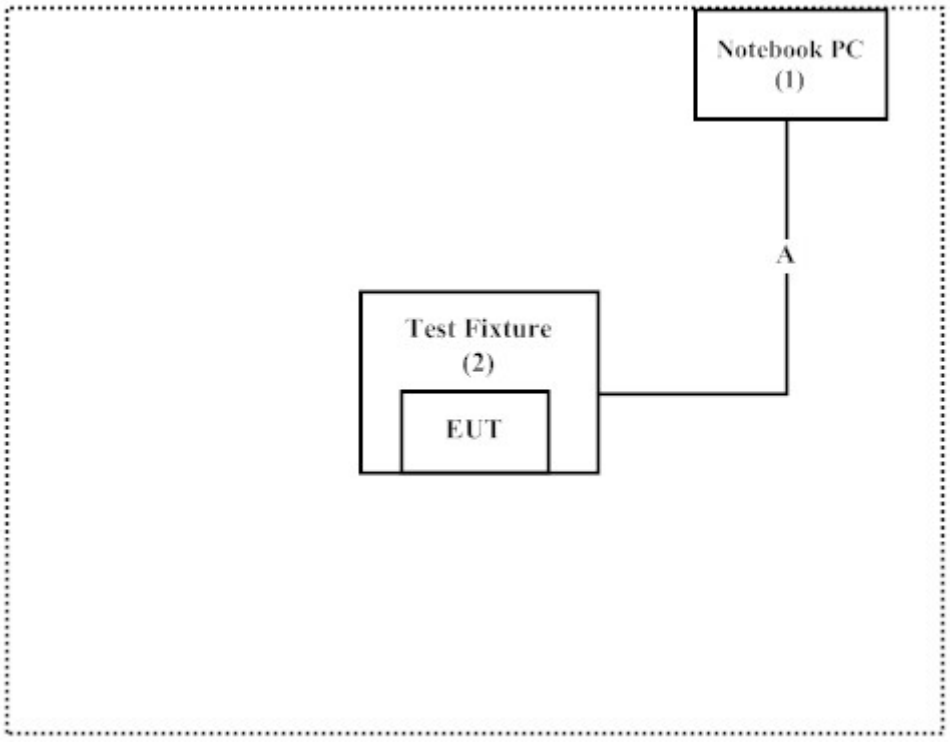
1.3. Tested System Datails

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	N/A	N/A	Non-Shielded, 1.8m
2	Test Fixture	Intel	N/A	N/A	N/A

Signal Cable Type		Signal cable Description
A	Test Fixture	Non-Shielded, 1.0m

1.4. Configuration of tested System



1.5. EUT Exercise Software

1. Setup the EUT and peripherals as shown in section 1.4.
2. Execute software “DRTU (Ver 1.8.1-01336)” on the EUT.
3. Configure the test mode, the test channel, and the data rate.
4. Press “OK” to start the continuous Transmit.
5. Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : http://www.quietek.com/chinese/about/certificates.aspx?bval=5
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/

Site Description: File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 92195

Site Name: Quietek Corporation
Site Address: No.5-22, Ruishukeng Linkou Dist., New Taipei City
Taiwan, R.O.C.
TEL: 886-2-8601-3788 / FAX : 886-2-8601-3789
E-Mail : service@quietek.com

FCC Accreditation Number: TW1014

2. Conducted Emission

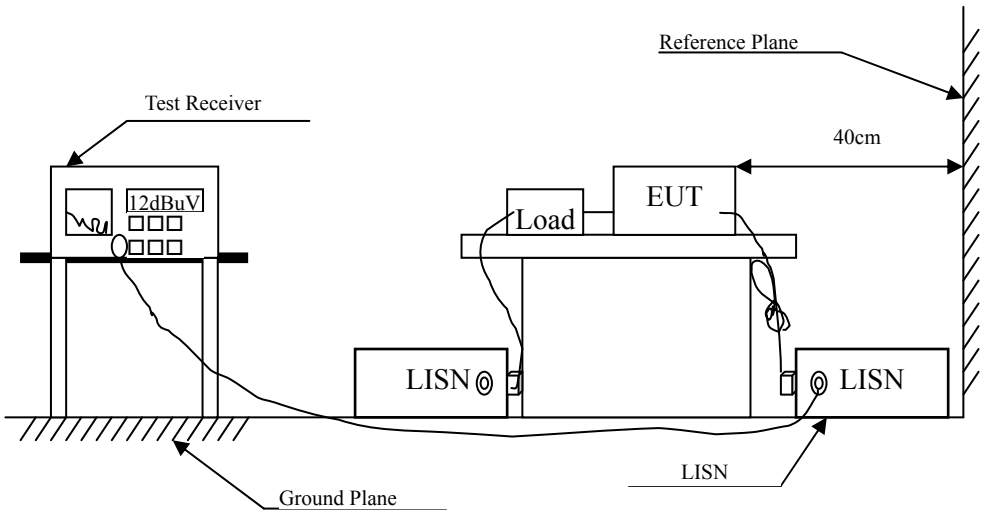
2.1. Test Equipment

	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
X	Test Receiver	R & S	ESCS 30 / 825442/018	Sep., 2015	
X	Artificial Mains Network	R & S	ENV4200 / 848411/10	Feb., 2015	Peripherals
X	LISN	R & S	ESH3-Z5 / 825562/002	Feb., 2015	EUT
	DC LISN	Schwarzbeck	8226 / 176	Mar., 2015	EUT
X	Pulse Limiter	R & S	ESH3-Z2 / 357.8810.52	Feb., 2015	
	No.1 Shielded Room				

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked by "X" are used to measure the final test results.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBuV) Limit		
Frequency MHz	Limits	
	QP	AV
0.15 - 0.50	66-56	56-46
0.50-5.0	56	46
5.0 - 30	60	50

Remarks : In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2014 on conducted measurement.
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.
The EUT was setup to ANSI C63.4, 2014; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

2.5. Uncertainty

± 2.26 dB

2.6. Test Result of Conducted Emission

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV	dB	dBµV
LINE 1					
Quasi-Peak					
0.150	9.671	35.690	45.361	-20.639	66.000
0.177	9.663	27.340	37.003	-28.226	65.229
0.552	9.680	32.270	41.950	-14.050	56.000
1.548	9.744	21.330	31.074	-24.926	56.000
2.353	9.783	22.550	32.333	-23.667	56.000
4.209	9.835	16.040	25.875	-30.125	56.000
Average					
0.150	9.671	24.150	33.821	-22.179	56.000
0.177	9.663	16.940	26.603	-28.626	55.229
0.552	9.680	28.350	38.030	-7.970	46.000
1.548	9.744	15.210	24.954	-21.046	46.000
2.353	9.783	14.860	24.643	-21.357	46.000
4.209	9.835	7.290	17.125	-28.875	46.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV	dB	dBµV
LINE 2					
Quasi-Peak					
0.154	9.670	35.510	45.180	-20.706	65.886
0.185	9.661	30.900	40.561	-24.439	65.000
0.548	9.679	31.610	41.289	-14.711	56.000
1.580	9.746	19.610	29.356	-26.644	56.000
2.345	9.783	22.970	32.753	-23.247	56.000
18.353	10.167	13.850	24.017	-35.983	60.000
Average					
0.154	9.670	22.250	31.920	-23.966	55.886
0.185	9.661	18.960	28.621	-26.379	55.000
0.548	9.679	29.480	39.159	-6.841	46.000
1.580	9.746	13.150	22.896	-23.104	46.000
2.345	9.783	15.260	25.043	-20.957	46.000
18.353	10.167	4.000	14.167	-35.833	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV	dB	dBµV
LINE 1					
Quasi-Peak					
0.150	9.671	35.510	45.181	-20.819	66.000
0.244	9.663	27.860	37.523	-25.791	63.314
0.552	9.680	32.330	42.010	-13.990	56.000
1.552	9.744	21.870	31.614	-24.386	56.000
2.322	9.783	22.820	32.603	-23.397	56.000
18.646	10.049	12.620	22.669	-37.331	60.000
Average					
0.150	9.671	24.050	33.721	-22.279	56.000
0.244	9.663	20.040	29.703	-23.611	53.314
0.552	9.680	28.820	38.500	-7.500	46.000
1.552	9.744	16.450	26.194	-19.806	46.000
2.322	9.783	14.910	24.693	-21.307	46.000
18.646	10.049	2.290	12.339	-37.661	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV	dB	dBµV
LINE 2					
Quasi-Peak					
0.154	9.670	35.710	45.380	-20.506	65.886
0.181	9.662	31.220	40.882	-24.232	65.114
0.552	9.680	31.460	41.140	-14.860	56.000
1.556	9.744	20.660	30.404	-25.596	56.000
2.318	9.782	23.000	32.782	-23.218	56.000
18.599	10.169	12.710	22.879	-37.121	60.000
Average					
0.154	9.670	22.390	32.060	-23.826	55.886
0.181	9.662	19.390	29.052	-26.062	55.114
0.552	9.680	28.070	37.750	-8.250	46.000
1.556	9.744	14.740	24.484	-21.516	46.000
2.318	9.782	15.170	24.952	-21.048	46.000
18.599	10.169	3.560	13.729	-36.271	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV	dB	dBµV
LINE 1					
Quasi-Peak					
0.150	9.671	35.570	45.241	-20.759	66.000
0.181	9.662	33.100	42.762	-22.352	65.114
0.548	9.679	32.550	42.229	-13.771	56.000
1.576	9.745	20.380	30.125	-25.875	56.000
2.322	9.783	22.640	32.423	-23.577	56.000
18.478	10.048	10.270	20.318	-39.682	60.000
Average					
0.150	9.671	24.050	33.721	-22.279	56.000
0.181	9.662	23.290	32.952	-22.162	55.114
0.548	9.679	30.520	40.199	-5.801	46.000
1.576	9.745	13.090	22.835	-23.165	46.000
2.322	9.783	15.190	24.973	-21.027	46.000
18.478	10.048	1.300	11.348	-38.652	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV	dB	dBµV
LINE 2					
Quasi-Peak					
0.181	9.662	31.280	40.942	-24.172	65.114
0.212	9.661	27.940	37.601	-26.628	64.229
0.551	9.680	31.710	41.390	-14.610	56.000
1.986	9.768	22.380	32.148	-23.852	56.000
2.369	9.784	22.370	32.154	-23.846	56.000
4.220	9.836	14.470	24.306	-31.694	56.000
Average					
0.181	9.662	19.430	29.092	-26.022	55.114
0.212	9.661	17.480	27.141	-27.088	54.229
0.551	9.680	28.880	38.560	-7.440	46.000
1.986	9.768	15.290	25.058	-20.942	46.000
2.369	9.784	14.530	24.314	-21.686	46.000
4.220	9.836	5.210	15.046	-30.954	46.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV	dB	dBµV
LINE 1					
Quasi-Peak					
0.185	9.661	30.760	40.421	-24.579	65.000
0.216	9.661	25.190	34.851	-29.263	64.114
0.548	9.679	29.650	39.329	-16.671	56.000
0.572	9.681	31.270	40.951	-15.049	56.000
2.408	9.785	20.030	29.815	-26.185	56.000
19.291	10.055	12.210	22.265	-37.735	60.000
Average					
0.185	9.661	17.750	27.411	-27.589	55.000
0.216	9.661	17.140	26.801	-27.313	54.114
0.548	9.679	27.680	37.359	-8.641	46.000
0.572	9.681	27.920	37.601	-8.399	46.000
2.408	9.785	12.710	22.495	-23.505	46.000
19.291	10.055	1.770	11.825	-38.175	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ “ means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV	dB	dBµV
LINE 2					
Quasi-Peak					
0.177	9.663	31.230	40.893	-24.336	65.229
0.185	9.661	29.540	39.201	-25.799	65.000
0.209	9.661	28.730	38.391	-25.923	64.314
0.545	9.679	29.360	39.039	-16.961	56.000
2.302	9.782	20.150	29.932	-26.068	56.000
18.388	10.167	9.310	19.477	-40.523	60.000
Average					
0.177	9.663	24.550	34.213	-21.016	55.229
0.185	9.661	19.240	28.901	-26.099	55.000
0.209	9.661	20.360	30.021	-24.293	54.314
0.545	9.679	28.410	38.089	-7.911	46.000
2.302	9.782	14.470	24.252	-21.748	46.000
18.388	10.167	3.050	13.217	-36.783	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

3. Maximun conducted output power

3.1. Test Equipment

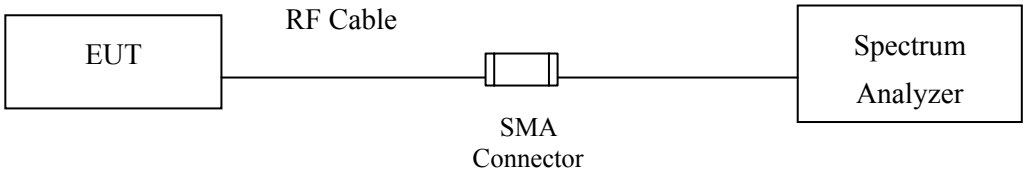
	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Power Meter	Anritsu	ML2495A/6K00003357	May, 2015
X	Power Sensor	Anritsu	MA2411B/0738448	Jun., 2015
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2015

Note:

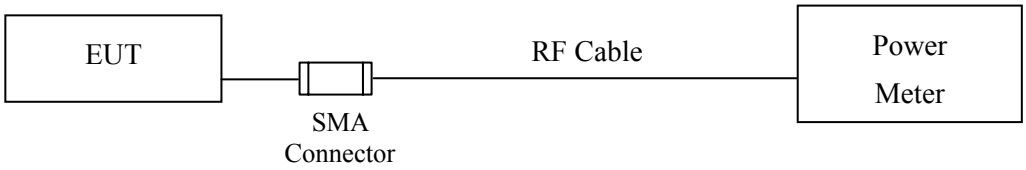
1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with "X" are used to measure the final test results.

3.2. Test Setup

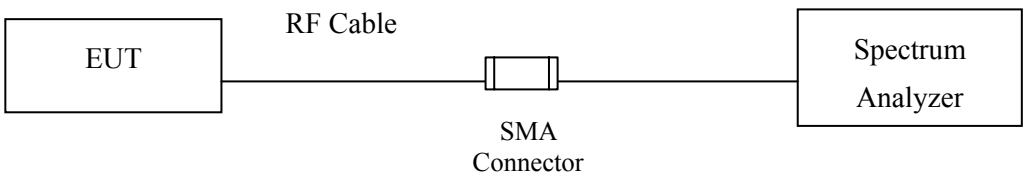
26dBc Occupied Bandwidth



Conduction Power Measurement (for 802.11an)



Conduction Power Measurement (for 802.11ac)



3.3. 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 conducted output power over the frequency band of operation shall not exceed 1 W. provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
(ii) For an indoor access point 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 provided the maximum antenna gain does not exceed 6 dBi. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power 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-topoint U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. 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 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 conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power 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 conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power 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 conducted output power over the frequency band of operation shall not exceed 1 W. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power 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.

3.4. Test Procedure

As an alternative to FCC KDB-789033, the EUT maximum conducted output power was measured with an average power meter employing a video bandwidth greater the 6dB BW of the emission under test. Maximum conducted output power was read directly from the meter across all data rates, and across three channels within each sub-band. Special care was used to make sure that the EUT was transmitting in continuous mode. This method exceeds the limitations of FCC KDB-789033, and provides more accurate measurements.

802.11an (BW≦40MHz) Maximum conducted output power using KDB 789033 section E)3)b) Method PM-G (Measurement using a gated RF average power meter)
Note: the power meter have a video bandwidth that is greater than or equal to the measurement bandwidth, (Anritsu/ MA2411B video bandwidth: 65MHz)

802.11ac (BW=80MHz) Maximum conducted output power using KDB 789033 section E)2)b) Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep).

When transmitted signals consist of two or more non-contiguous spectrum segments (e.g., 80+80 MHz mode) or when a single spectrum segment of a transmission crosses the boundary between two adjacent U-NII bands, KDB 644545 D01 section F) procedure is used for measurements.

3.5. Uncertainty

± 1.27 dB

3.6. Test Result of Maximum conducted output power

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A

Chain A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
		Measurement Level (dBm)								
149	5745	19.83	--	--	--	--	--	--	--	<30dBm
157	5785	20.82	20.75	20.68	20.61	20.54	20.47	20.4	20.33	<30dBm
165	5825	20.9	--	--	--	--	--	--	--	<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)	Output power Limit (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
149	5745	--	19.83	0.07	19.9	30	--
157	5785	--	20.82	0.07	20.89	30	--
165	5825	--	20.9	0.07	20.97	30	--

Note: Total Output Power Value = Maximum conducted output power Value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A

Chain A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
149	5745	19.2	--	--	--	--	--	--	--	<30dBm
157	5785	20.35	20.28	20.21	20.14	20.07	20	19.93	19.86	<30dBm
165	5825	20.88	--	--	--	--	--	--	--	<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)	Output power Limit (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
149	5745	--	19.2	0.05	19.25	30	--
157	5785	--	20.35	0.05	20.4	30	--
165	5825	--	20.88	0.05	20.93	30	--

Note: Total Output Power Value = Maximum conducted output power Value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A

Chain A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	18.72	18.71	18.69	18.67	18.62	18.51	18.54	18.47	<30dBm
159	5795	20.98	--	--	--	--	--	--	--	<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)	Output power Limit (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
151	5755	--	18.72	0.14	18.86	30	--
159	5795	--	20.98	0.14	21.12	30	--

Note: Total Output Power Value = Maximum conducted output power Value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A

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	
155	5775	17.25	17.17	17.12	17.07	17.03	16.97	16.93	16.87	16.82	16.75	<30dBm

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

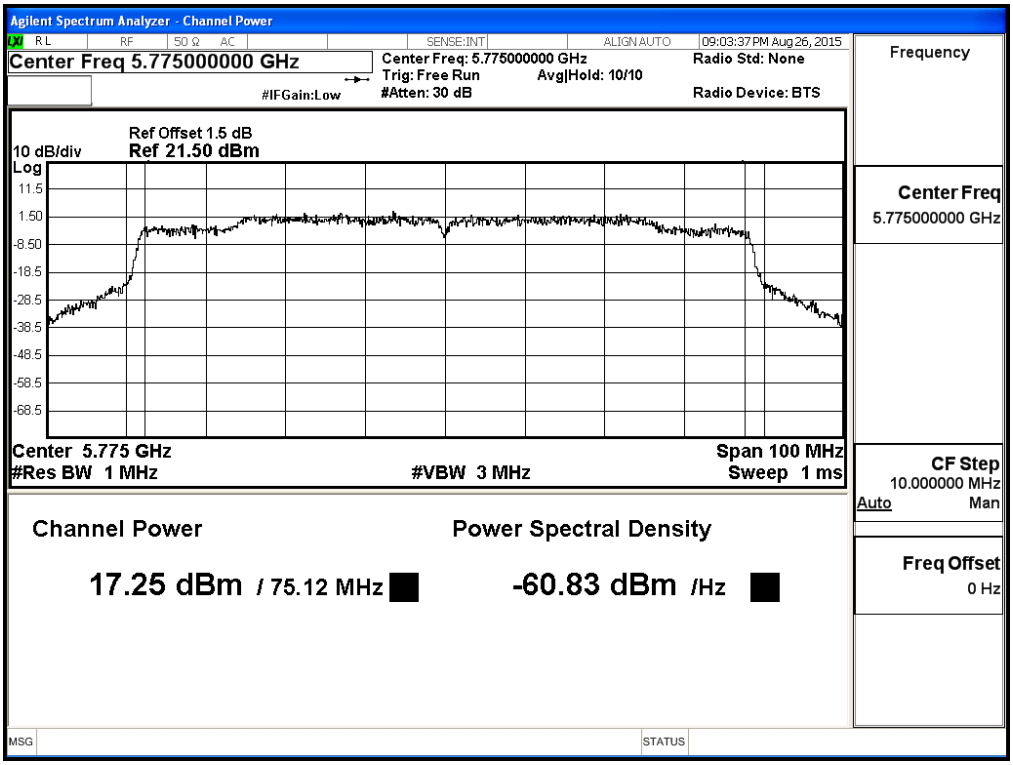
Maximum conducted output power Measurement

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output power Limit (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
155	5775	--	17.25	0.29	17.54	30	--

Note: Total Output Power Value = Maximum conducted output power Value + Duty Factor

Maximum conducted output power:

Channel 155



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B

Chain B

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
		Measurement Level (dBm)								
149	5745	20.05	--	--	--	--	--	--	--	<30dBm
157	5785	21.02	20.91	20.8	20.69	20.58	20.47	20.36	20.25	<30dBm
165	5825	21.03	--	--	--	--	--	--	--	<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)	Output power Limit (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
149	5745	--	20.05	0.07	20.12	30	--
157	5785	--	21.02	0.07	21.09	30	--
165	5825	--	21.03	0.07	21.1	30	--

Note: Total Output Power Value = Maximum conducted output power Value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B

Chain B

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
149	5745	20.14	--	--	--	--	--	--	--	<30dBm
157	5785	21.08	20.97	20.86	20.75	20.64	20.53	20.42	20.31	<30dBm
165	5825	21.04	--	--	--	--	--	--	--	<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)	Output power Limit (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
149	5745	--	20.14	0.05	20.19	30	--
157	5785	--	21.08	0.05	21.13	30	--
165	5825	--	21.04	0.05	21.09	30	--

Note: Total Output Power Value = Maximum conducted output power Value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B

Chain B

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	19.72	19.67	19.61	19.57	19.52	19.46	19.42	19.36	<30dBm
159	5795	21.08	--	--	--	--	--	--	--	<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)	Output power Limit (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
151	5755	--	19.72	0.14	19.86	30	--
159	5795	--	21.08	0.14	21.22	30	--

Note: Total Output Power Value = Maximum conducted output power Value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B

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	
155	5775	19.54	19.47	19.4	19.33	19.26	19.19	19.12	19.05	18.98	18.91	<30dBm

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

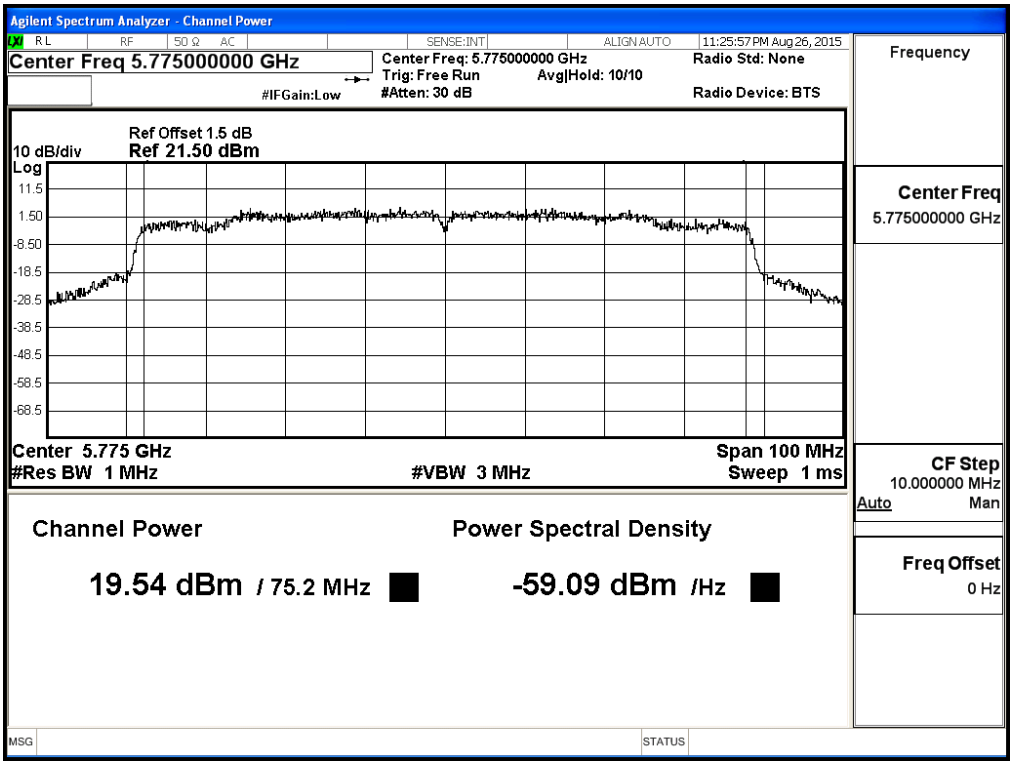
Maximum conducted output power Measurement

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output power Limit (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
155	5775	--	19.54	0.29	19.83	30	--

Note: Total Output Power Value = Maximum conducted output power Value + Duty Factor

Maximum conducted output power:

Channel 155



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO

Chain A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
149	5745	18.03	--	--	--	--	--	--	--	<30dBm
157	5785	18.03	17.96	17.89	17.82	17.75	17.68	17.61	17.54	<30dBm
165	5825	17.98	--	--	--	--	--	--	--	<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
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
149	5745	18.02	--	--	--	--	--	--	--	<30dBm
157	5785	18.06	17.97	17.88	17.79	17.7	17.61	17.52	17.43	<30dBm
165	5825	18.03	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power measurement:

Chain A+Chain B

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
149	5745	--	18.03	18.02	0.16	21.20	30	--
157	5785	--	18.03	18.06	0.16	21.22	30	--
165	5825	--	17.98	18.03	0.16	21.18	30	--

Note:

1. Total Output Power Value = Maximum conducted output power Value + Duty Factor
2. Total Output Power Value (dBm) = 10*LOG (Chain A Power (mW)+ Chain B Power (mW))

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

Chain A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	18.05	--	--	--	--	--	--	--	<30dBm
159	5795	18.07	17.99	17.91	17.83	17.75	17.67	17.59	17.51	<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
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	18.05	--	--	--	--	--	--	--	<30dBm
159	5795	18.03	17.94	17.85	17.76	17.67	17.58	17.49	17.4	<30dBm

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

Maximum conducted output power measurement:

Chain A+Chain B

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A (dBm)	Chain B (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
151	5755	--	18.05	18.05	0.14	21.20	30	--
159	5795	--	18.07	18.03	0.14	21.20	30	--

Note:

1. Total Output Power Value = Maximum conducted output power Value + Duty Factor
2. Total Output Power Value (dBm) = 10*LOG (Chain A Power (mW)+ Chain B Power (mW))

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

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	
155	5775	16.48	16.41	16.34	16.27	16.20	16.13	16.06	15.99	15.92	15.85	<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	
155	5775	16.42	16.34	16.26	16.18	16.10	16.02	15.94	15.86	15.78	15.70	<30dBm

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

Maximum conducted output power Measurement

Chain A+Chain B

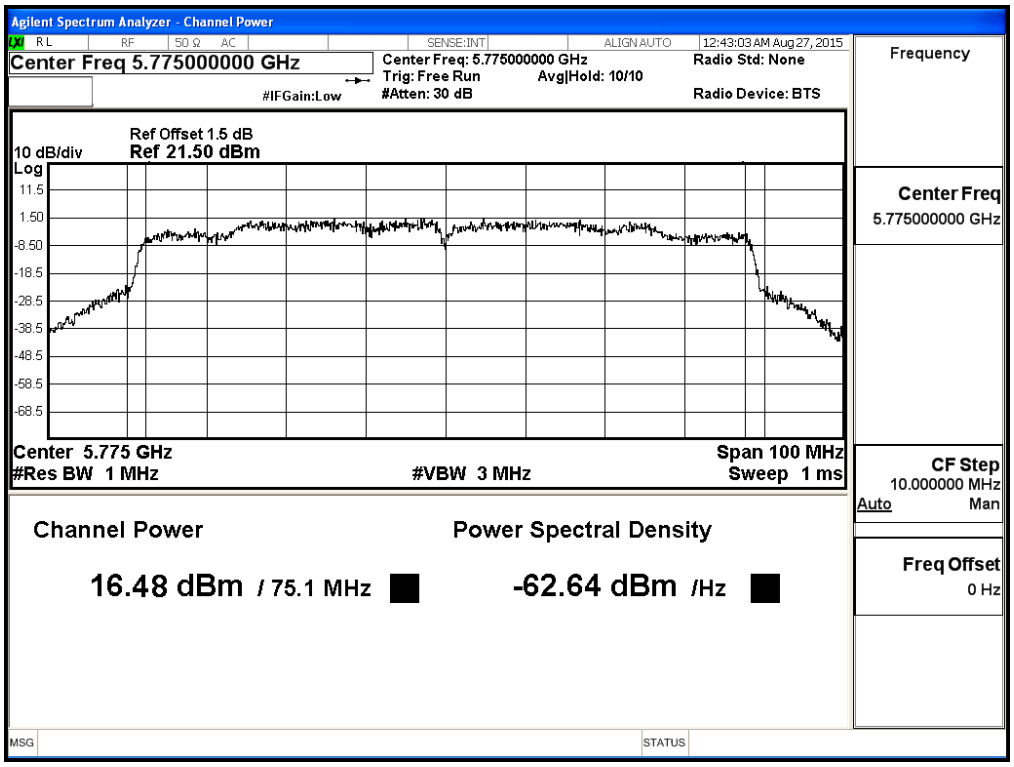
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A (dBm)	Chain B (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
155	5775	--	16.48	16.42	2.00	21.46	30	--

Note:

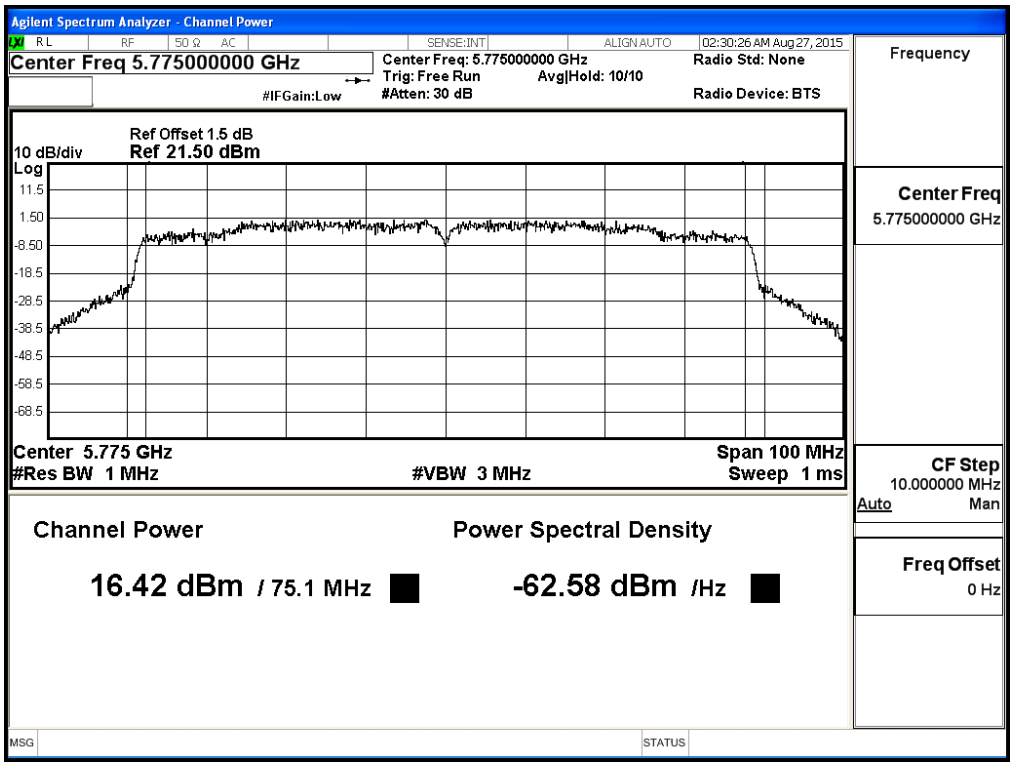
1. Total Output Power Value = Maximum conducted output power Value + Duty Factor
2. Total Output Power Value (dBm) = 10*LOG (Chain A Power (mW)+ Chain B Power (mW))

Maximum conducted output power:

Channel 155 Chain A



Channel 155 Chain B



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming

Chain A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
149	5745	18.08	--	--	--	--	--	--	--	<30dBm
157	5785	18.09	17.96	17.89	17.82	17.75	17.68	17.61	17.54	<30dBm
165	5825	18.03	--	--	--	--	--	--	--	<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
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
149	5745	18.06	--	--	--	--	--	--	--	<30dBm
157	5785	18.05	17.97	17.88	17.79	17.7	17.61	17.52	17.43	<30dBm
165	5825	18.01	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power measurement:

Chain A+Chain B

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
149	5745	--	18.08	18.06	0.16	21.24	30	--
157	5785	--	18.09	18.05	0.16	21.24	30	--
165	5825	--	18.03	18.01	0.16	21.19	30	--

Note:

1. Total Output Power Value = Maximum conducted output power Value + Duty Factor
2. Total Output Power Value (dBm) = 10*LOG (Chain A Power (mW)+ Chain B Power (mW))

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

Chain A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	17.98	--	--	--	--	--	--	--	<30dBm
159	5795	17.97	17.99	17.91	17.83	17.75	17.67	17.59	17.51	<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
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	17.97	--	--	--	--	--	--	--	<30dBm
159	5795	17.95	17.94	17.85	17.76	17.67	17.58	17.49	17.4	<30dBm

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

Maximum conducted output power measurement:

Chain A+Chain B

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A (dBm)	Chain B (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
151	5755	--	17.98	17.97	0.14	21.13	30	--
159	5795	--	17.99	17.95	0.14	21.12	30	--

Note:

1. Total Output Power Value = Maximum conducted output power Value + Duty Factor
2. Total Output Power Value (dBm) = 10*LOG (Chain A Power (mW)+ Chain B Power (mW))

.

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

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	
155	5775	17.72	17.61	17.50	17.39	17.28	17.17	17.06	16.95	16.84	16.73	<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	
155	5775	17.94	17.87	17.80	17.73	17.66	17.59	17.52	17.45	17.38	17.31	<30dBm

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

Maximum conducted output power Measurement

Chain A+Chain B

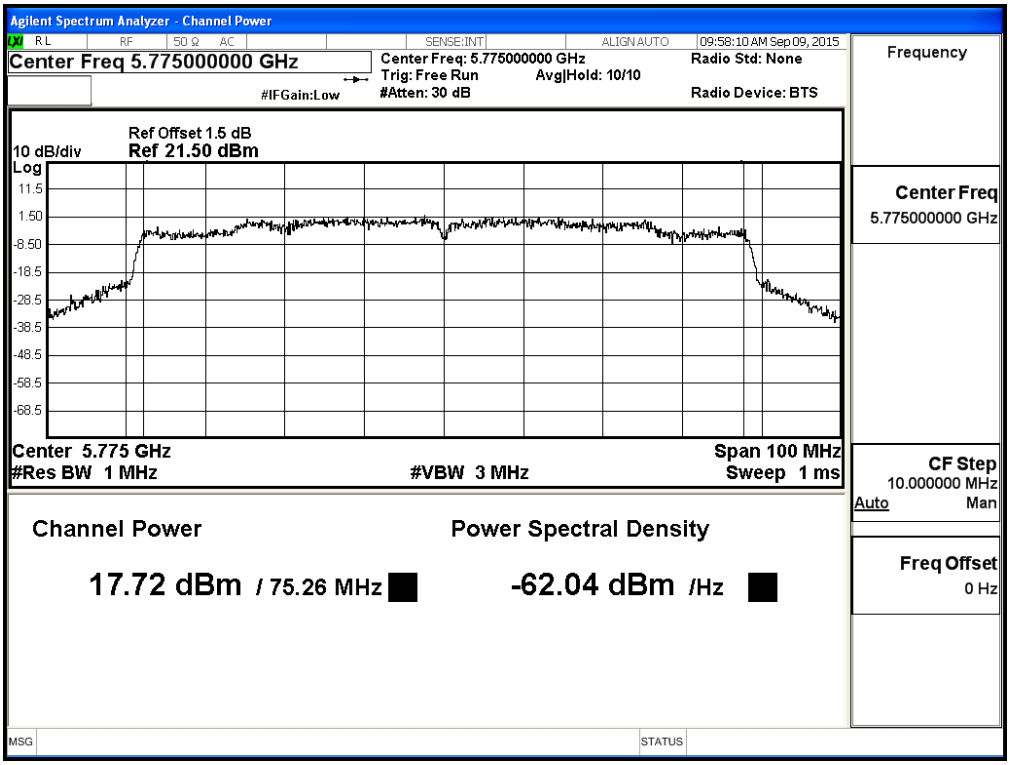
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A (dBm)	Chain B (dBm)	Duty Factor (dBm)	Total Power (dBm)	Output Power Limit	
							(dBm)	dBm+10log(BW)
155	5775	--	17.72	17.94	2.00	22.84	30	--

Note:

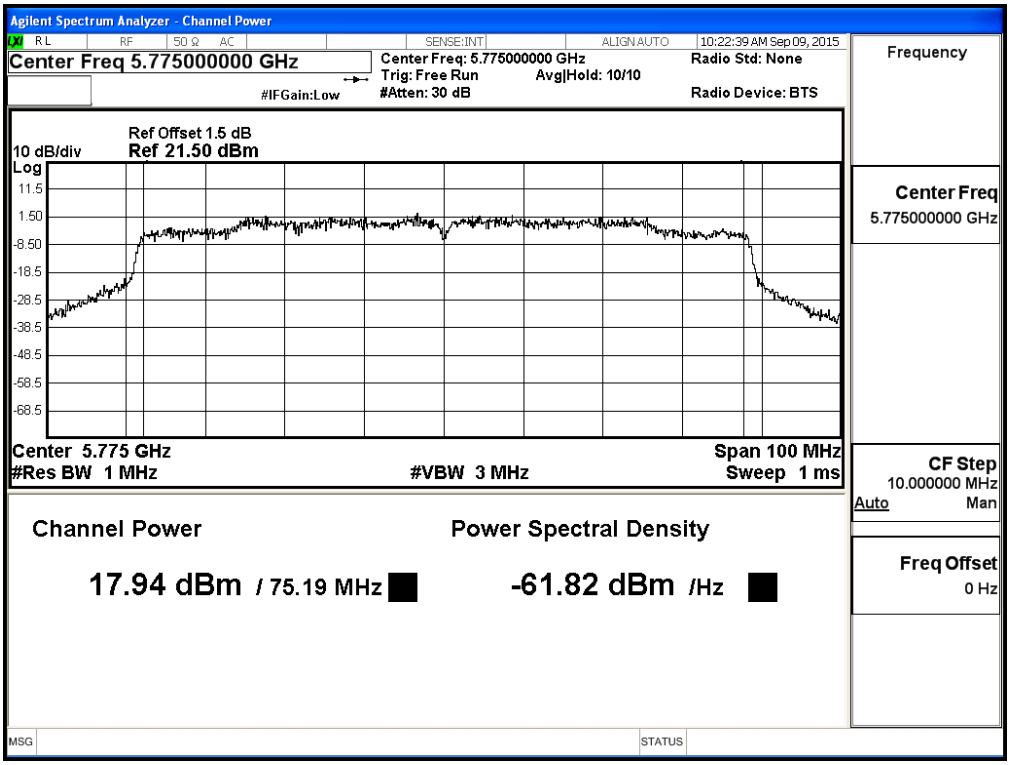
1. Total Output Power Value = Maximum conducted output power Value + Duty Factor
2. Total Output Power Value (dBm) = 10*LOG (Chain A Power (mW)+ Chain B Power (mW))

Maximum conducted output power:

Channel 155 Chain A



Channel 155 Chain B



4. Peak Power Spectral Density

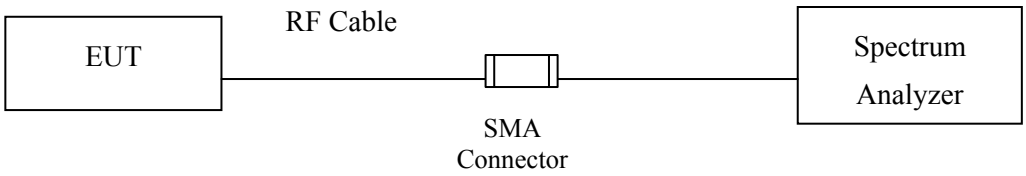
4.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun., 2015
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun., 2015
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-topoint 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.
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 = 10log (500 kHz/100 kHz) = 6.98 dB.

4.5. Uncertainty

± 1.27 dB

4.6. Test Result of Peak Power Spectral Density

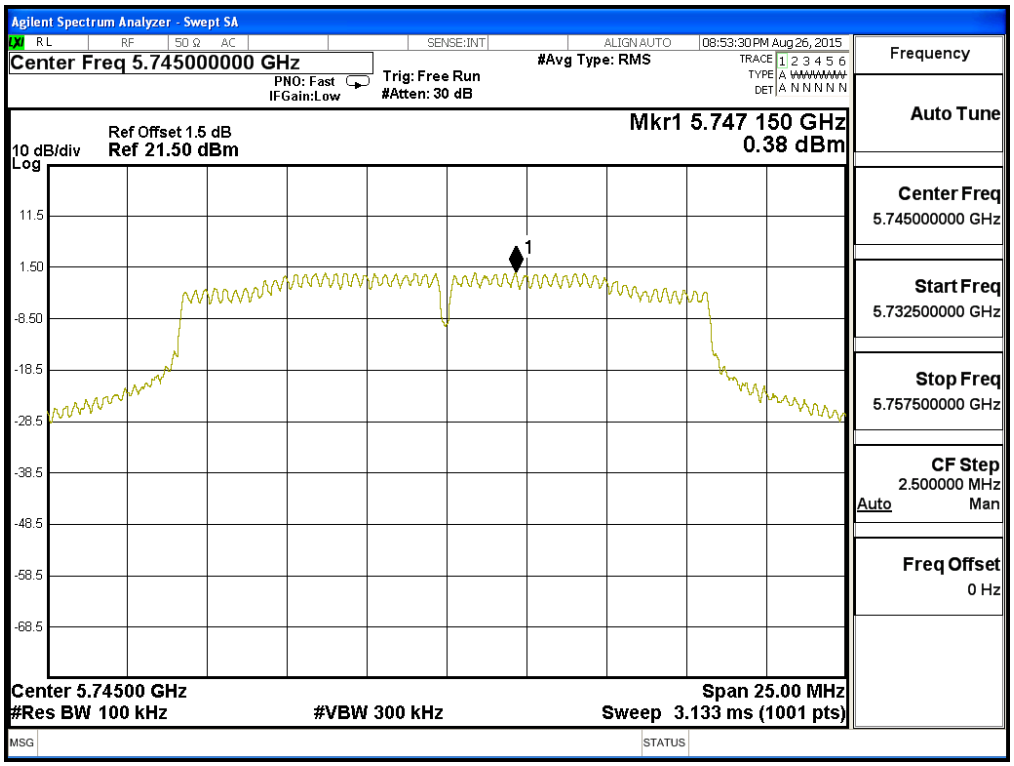
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A

5750~5850MHz

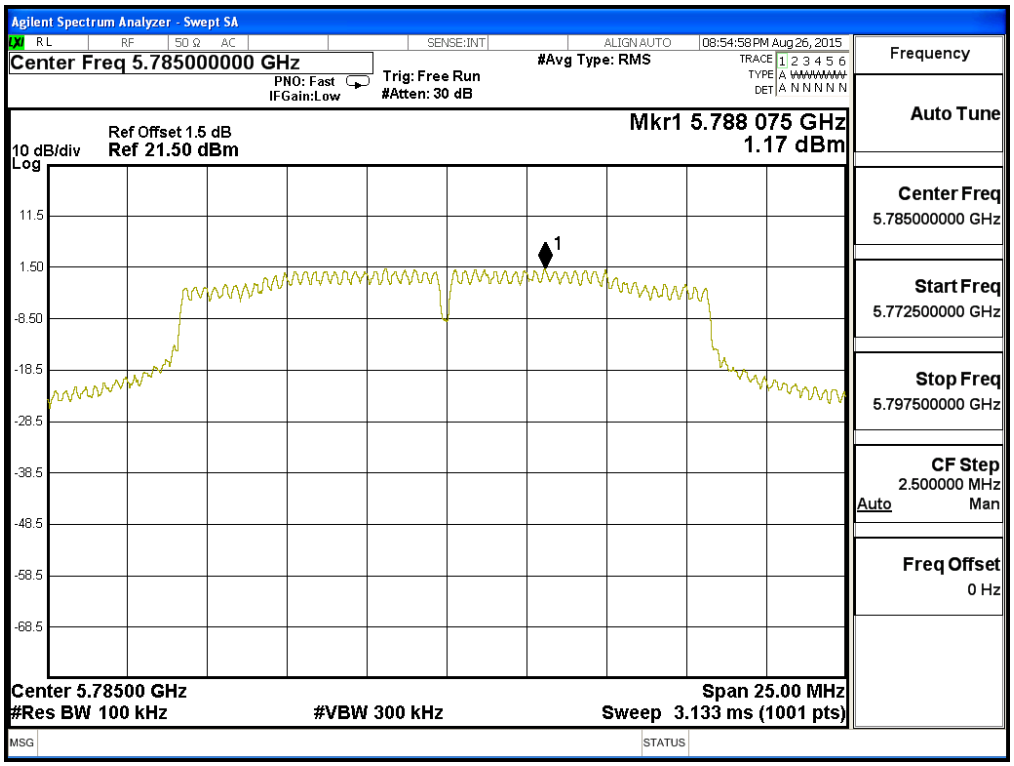
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	0.38	6.98	0.07	7.430	<30	Pass
157	5785	1.17	6.98	0.07	8.220	<30	Pass
165	5825	1.41	6.98	0.07	8.460	<30	Pass

Note: 1. Total PPSD Value = PPSD/MHz value + BWCF + Duty Factor

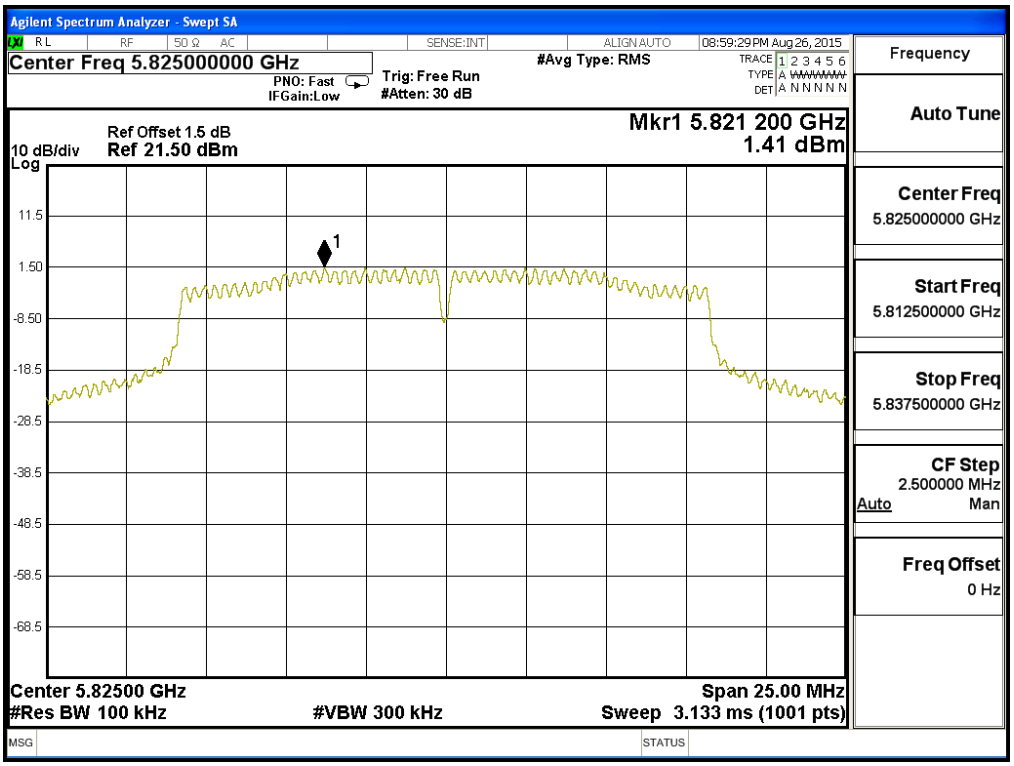
Channel 149



Channel 157



Channel 165


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
08:59:29 PM Aug 26, 2015
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.821 200 GHz
1.41 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center 5.82500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 25.00 MHz
Sweep 3.133 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.812500000 GHz
Stop Freq
5.837500000 GHz
CF Step
2.500000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

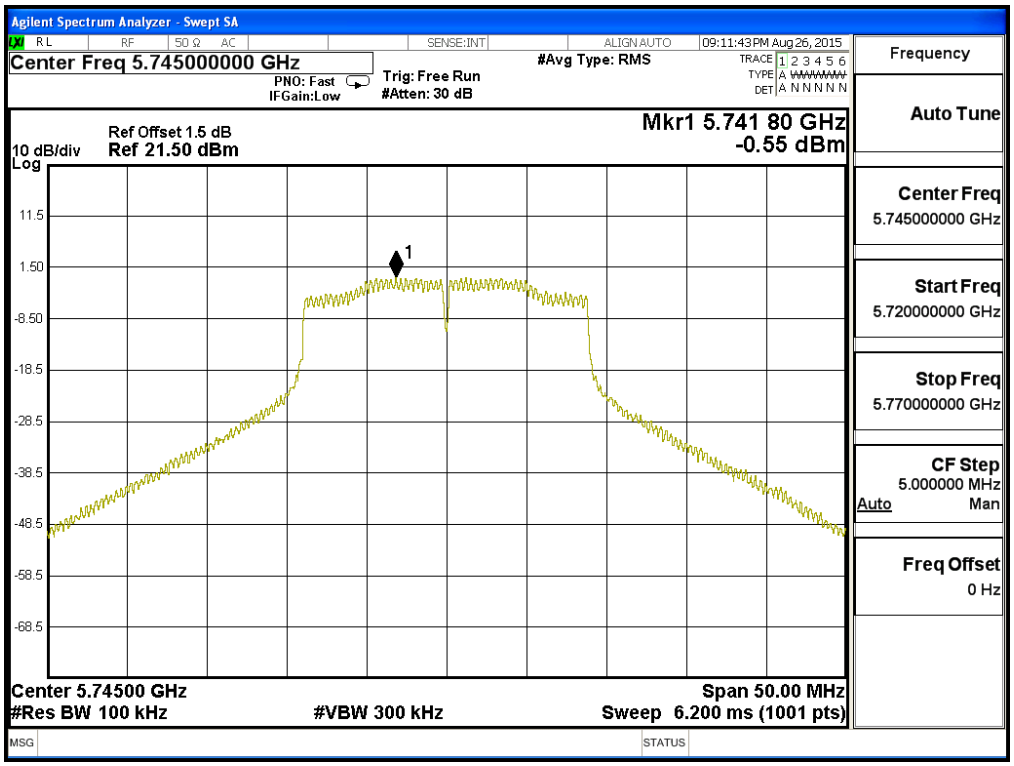
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A

5750~5850MHz

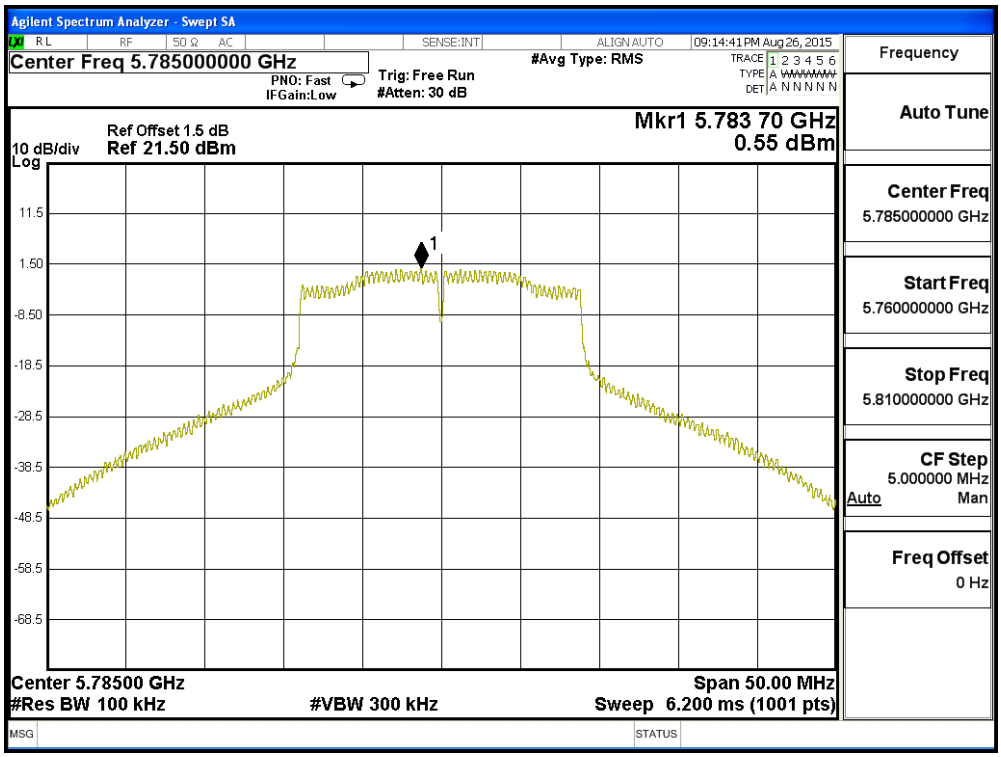
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	-0.55	6.98	0.05	6.480	<30	Pass
157	5785	0.55	6.98	0.05	7.580	<30	Pass
165	5825	0.87	6.98	0.05	7.900	<30	Pass

Note: 1. Total PPSD Value = PPSD/MHz value + BWCF + Duty Factor

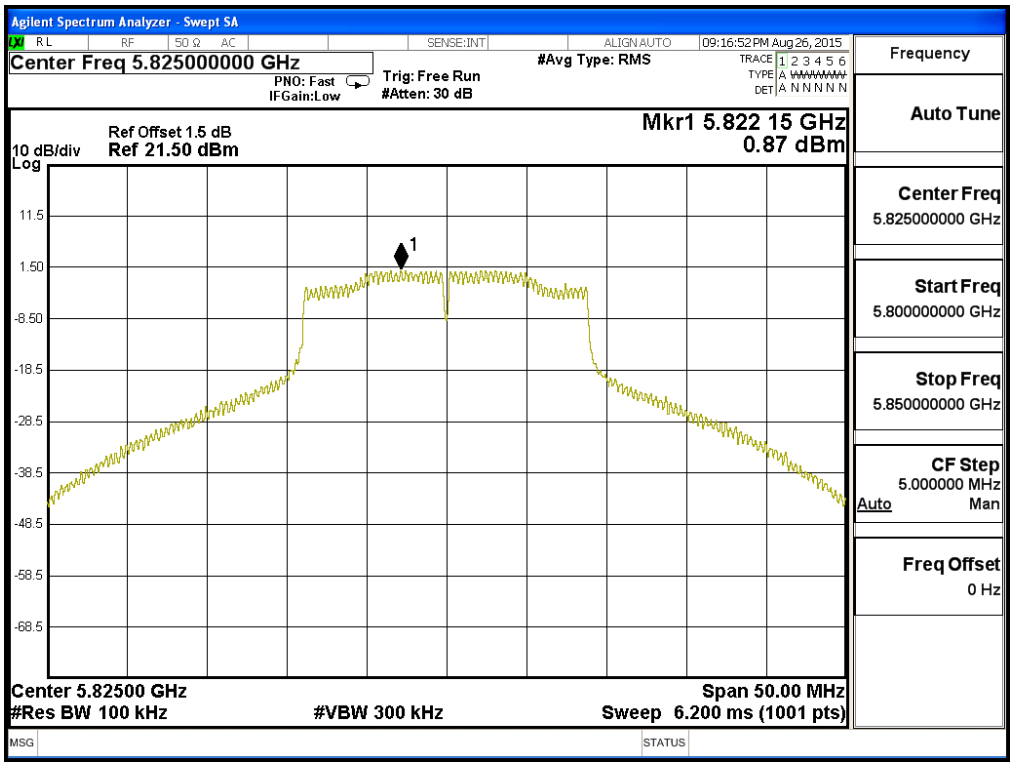
Channel 149



Channel 157



Channel 165


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
09:16:52 PM Aug 26, 2015
Frequency
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.822 15 GHz
0.87 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center 5.82500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 50.00 MHz
Sweep 6.200 ms (1001 pts)
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.800000000 GHz
Stop Freq
5.850000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

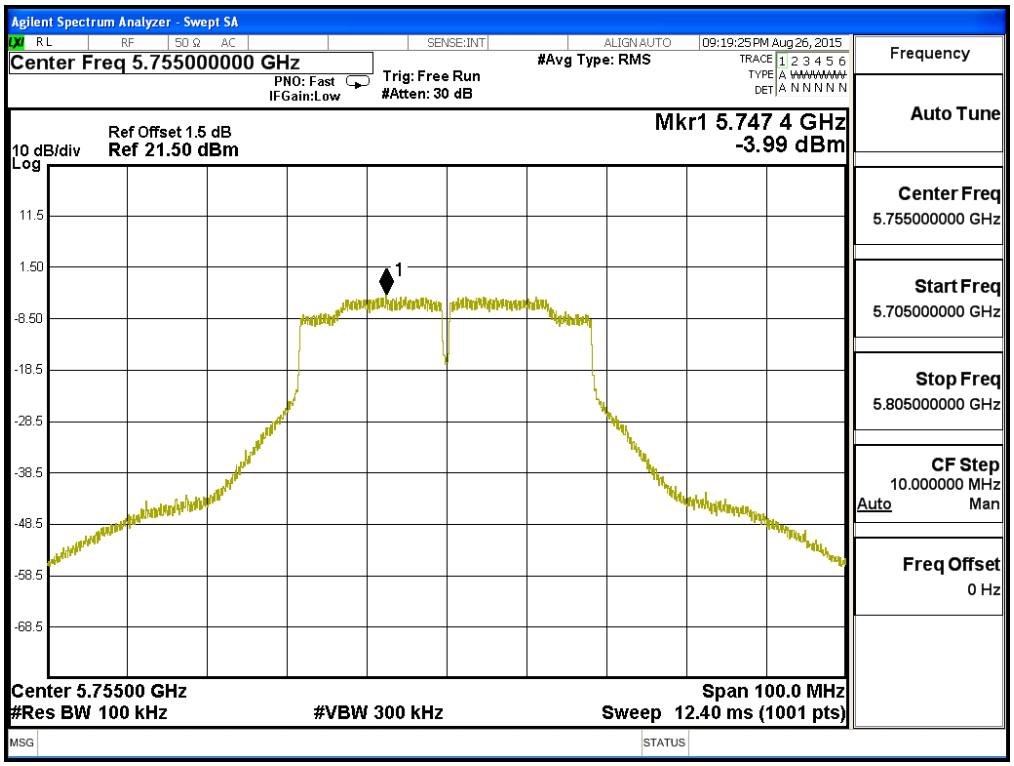
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A

5750~5850MHz

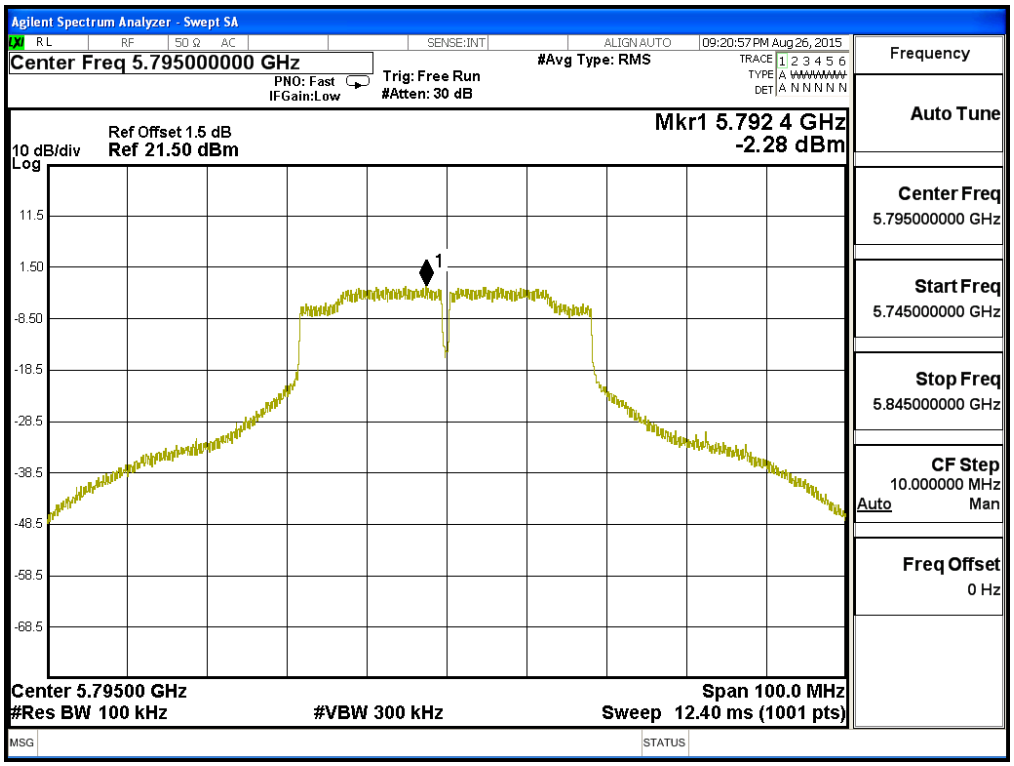
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
151	5755	-3.90	6.98	0.14	3.220	<30	Pass
159	5795	-2.28	6.98	0.14	4.840	<30	Pass

Note: 1. Total PPSD Value = PPSD/MHz value + BWCF + Duty Factor

Channel 151



Channel 159



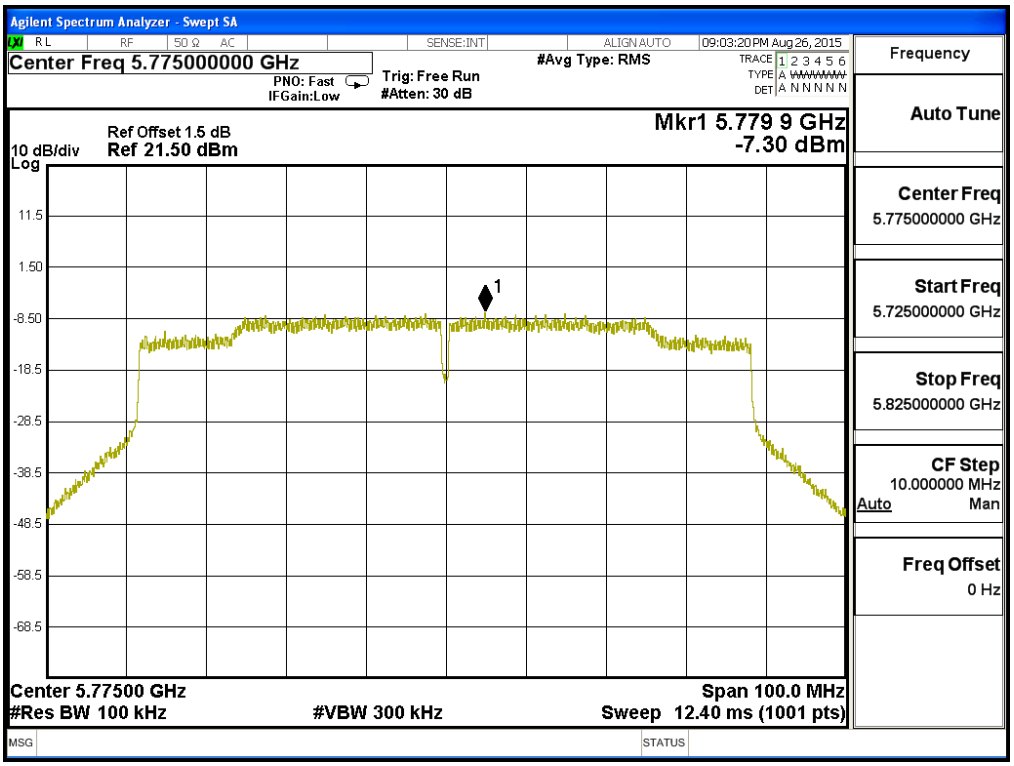
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A

5750~5850MHz

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
155	5775	-7.300	6.98	0.29	-0.030	<30	Pass

Note: 1. Total PPSD Value = PPSD/MHz value + BWCF + Duty Factor

Channel 155


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
09:03:20 PM Aug 26, 2015
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.779 9 GHz
-7.30 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
1
Center 5.77500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 12.40 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.775000000 GHz
Start Freq
5.725000000 GHz
Stop Freq
5.825000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

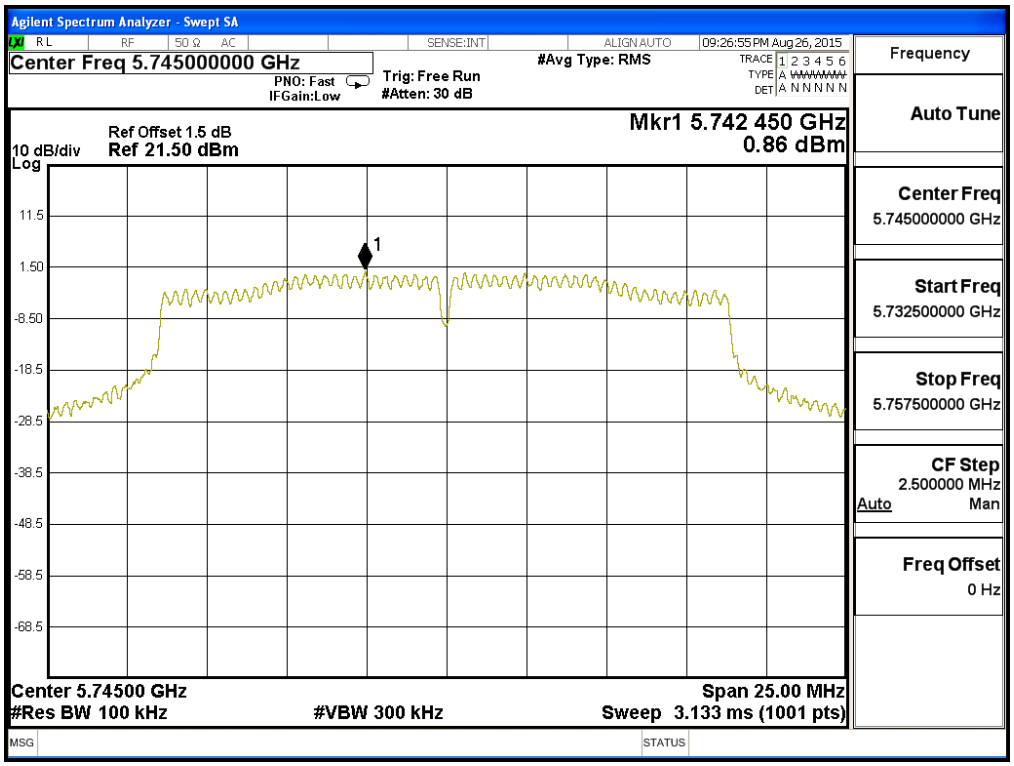
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B

5750~5850MHz

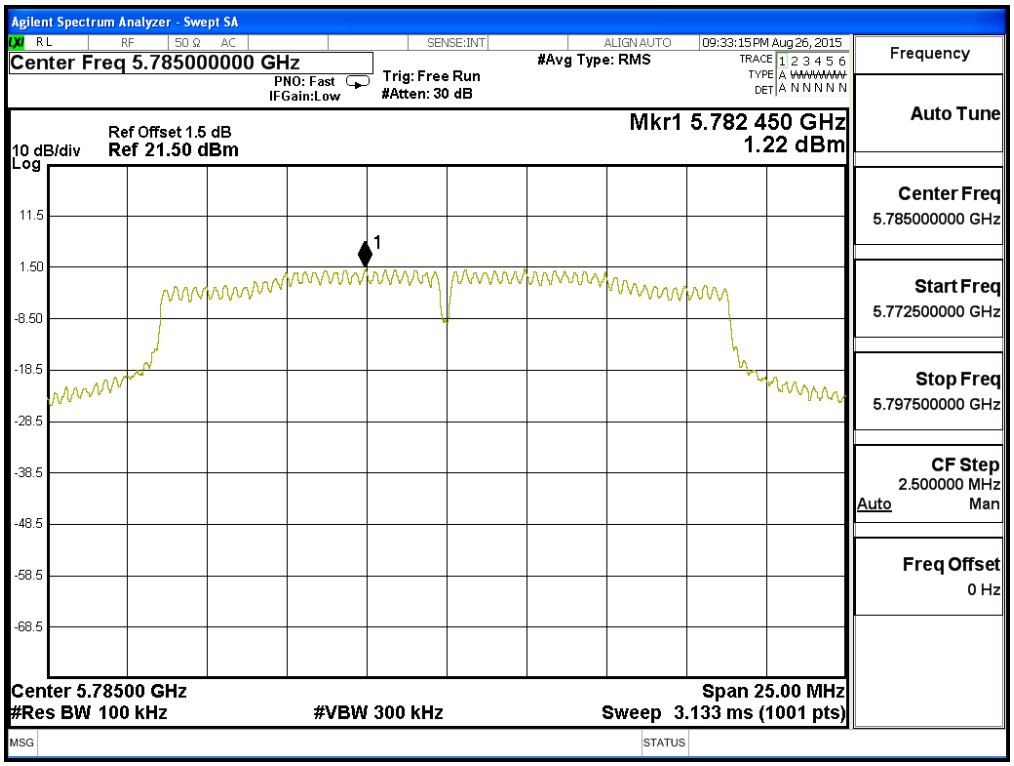
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	0.86	6.98	0.07	7.910	<30	Pass
157	5785	1.22	6.98	0.07	8.270	<30	Pass
165	5825	2.02	6.98	0.07	9.070	<30	Pass

Note: 1. Total PPSD Value = PPSD/MHz value + BWCF + Duty Factor

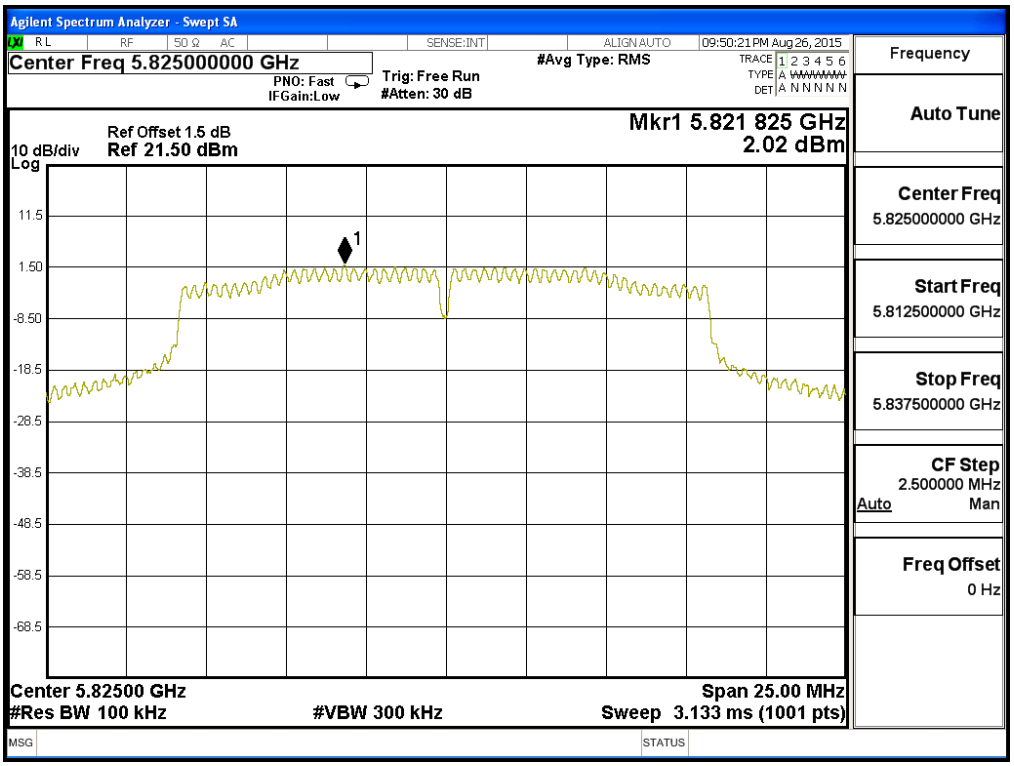
Channel 149



Channel 157



Channel 165


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
09:50:21 PM Aug 26, 2015
Center Freq 5.825000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.821 825 GHz
2.02 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center 5.82500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 25.00 MHz
Sweep 3.133 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.812500000 GHz
Stop Freq
5.837500000 GHz
CF Step
2.500000 MHz
Auto
Man
Freq Offset
0 Hz

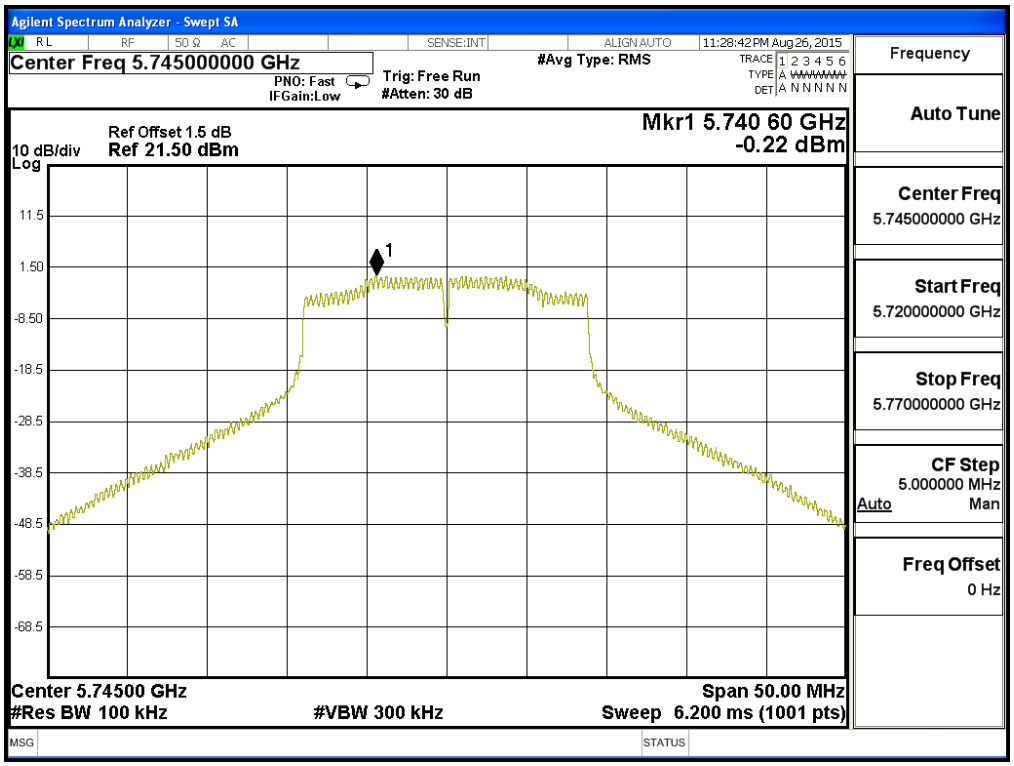
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B

5750~5850MHz

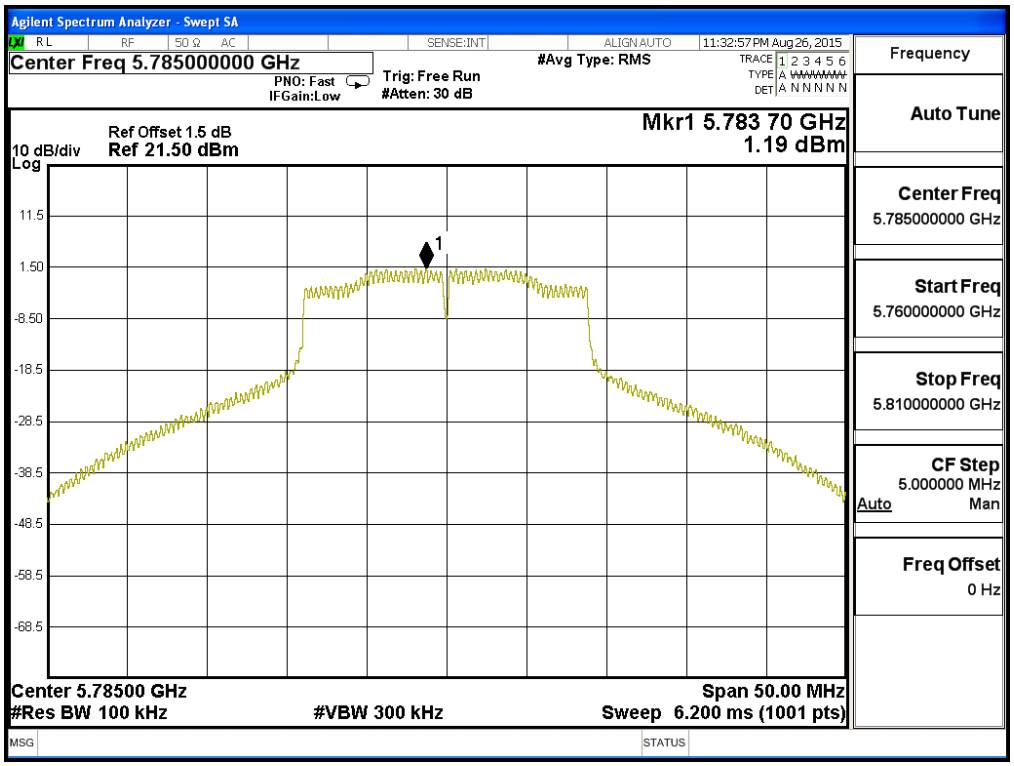
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	-0.22	6.98	0.05	6.810	<30	Pass
157	5785	1.19	6.98	0.05	8.220	<30	Pass
165	5825	1.49	6.98	0.05	8.520	<30	Pass

Note: 1. Total PPSD Value = PPSD/MHz value + BWCF + Duty Factor

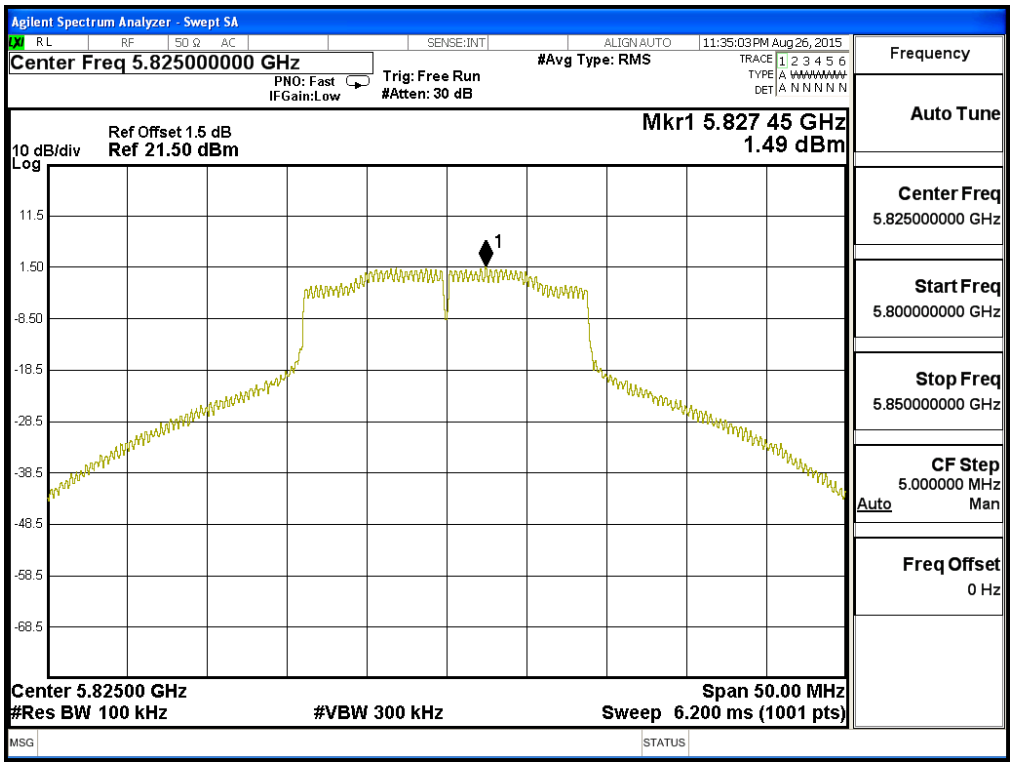
Channel 149



Channel 157



Channel 165


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
11:35:03 PM Aug 26, 2015
Frequency
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.827 45 GHz
1.49 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center 5.82500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 50.00 MHz
Sweep 6.200 ms (1001 pts)
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.800000000 GHz
Stop Freq
5.850000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

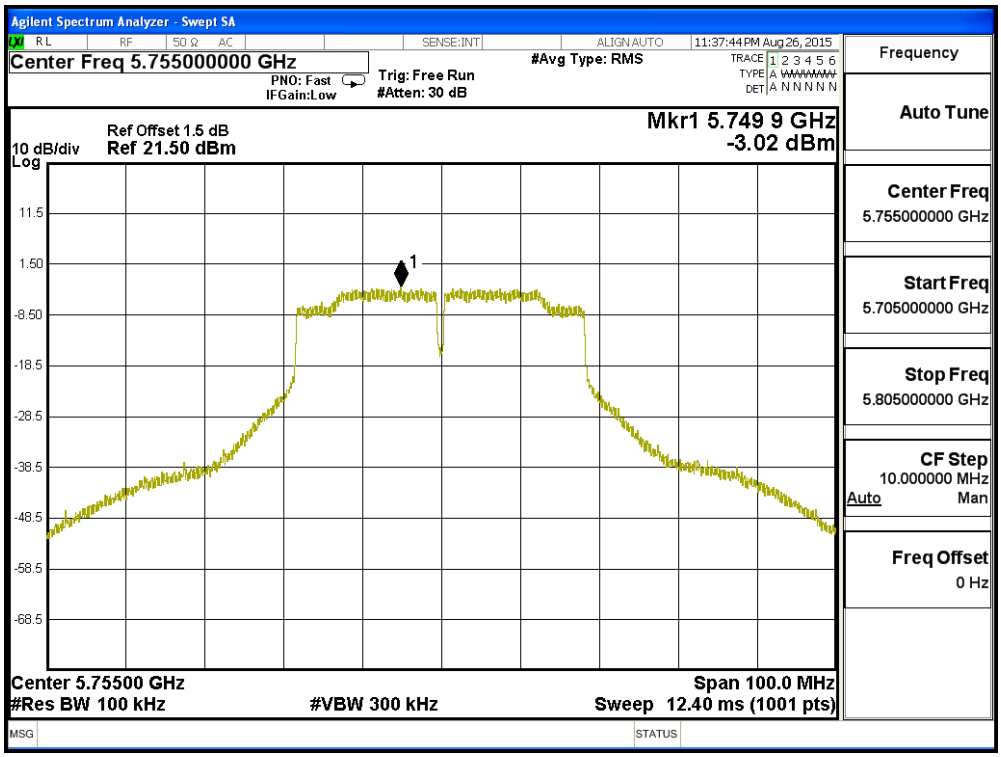
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B

5750~5850MHz

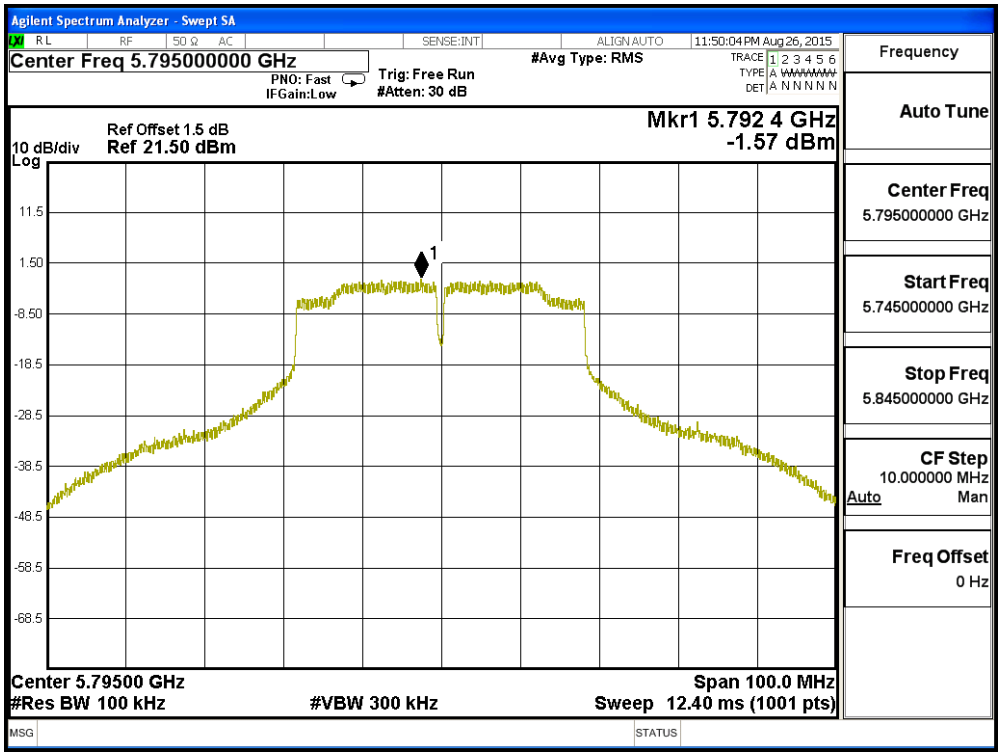
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
151	5755	-3.02	6.98	0.14	4.100	<30	Pass
159	5795	-1.57	6.98	0.14	5.550	<30	Pass

Note: 1. Total PPSD Value = PPSD/MHz value + BWCF + Duty Factor

Channel 151



Channel 159



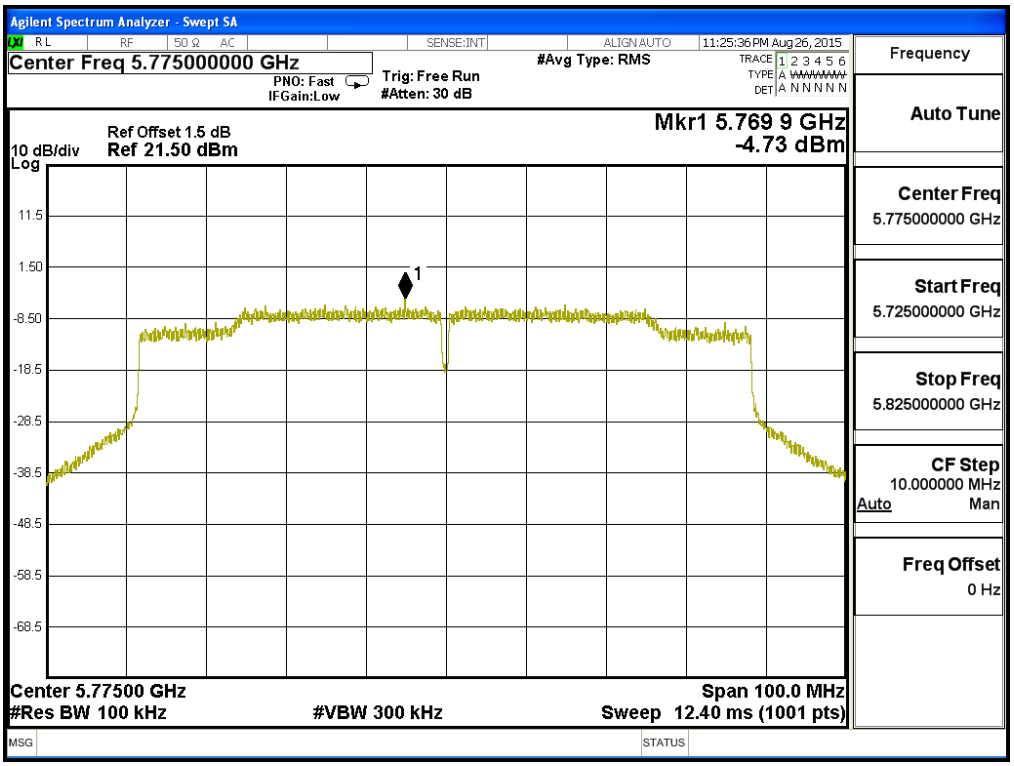
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B

5750~5850MHz

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
155	5775	-4.730	6.98	0.29	2.540	<30	Pass

Note: 1. Total PPSD Value = PPSD/MHz value + BWCF + Duty Factor

Channel 155


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
11:25:36 PM Aug 26, 2015
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
TRACE 1 2 3 4 5 6
TYPE A WWWWW
DET A N N N N N
Ref Offset 1.5 dB
10 dB/div
Log
Ref 21.50 dBm
Mkr1 5.769 9 GHz
-4.73 dBm
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
1
Center 5.77500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 12.40 ms (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.775000000 GHz
Start Freq
5.725000000 GHz
Stop Freq
5.825000000 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: Transmitter (802.11n-20BW 14.4Mbps)_MIMO

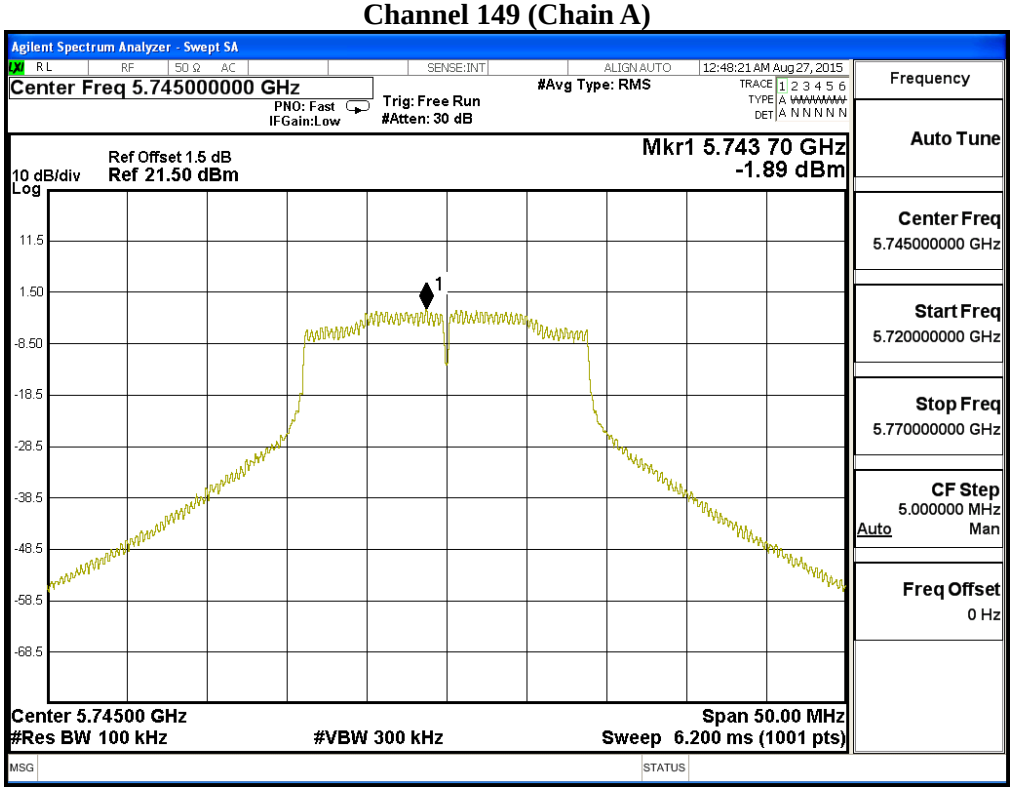
5750~5850MHz

Channel Number	Frequency (MHz)	PPSD (dBm)		BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	A	-1.89	6.980	0.160	8.260	<30	Pass
		B	-2.10	6.980	0.160	8.050	<30	Pass
157	5785	A	-1.94	6.980	0.160	8.210	<30	Pass
		B	-1.90	6.980	0.160	8.250	<30	Pass
165	5825	A	-1.60	6.980	0.160	8.550	<30	Pass
		B	-1.82	6.980	0.160	8.330	<30	Pass

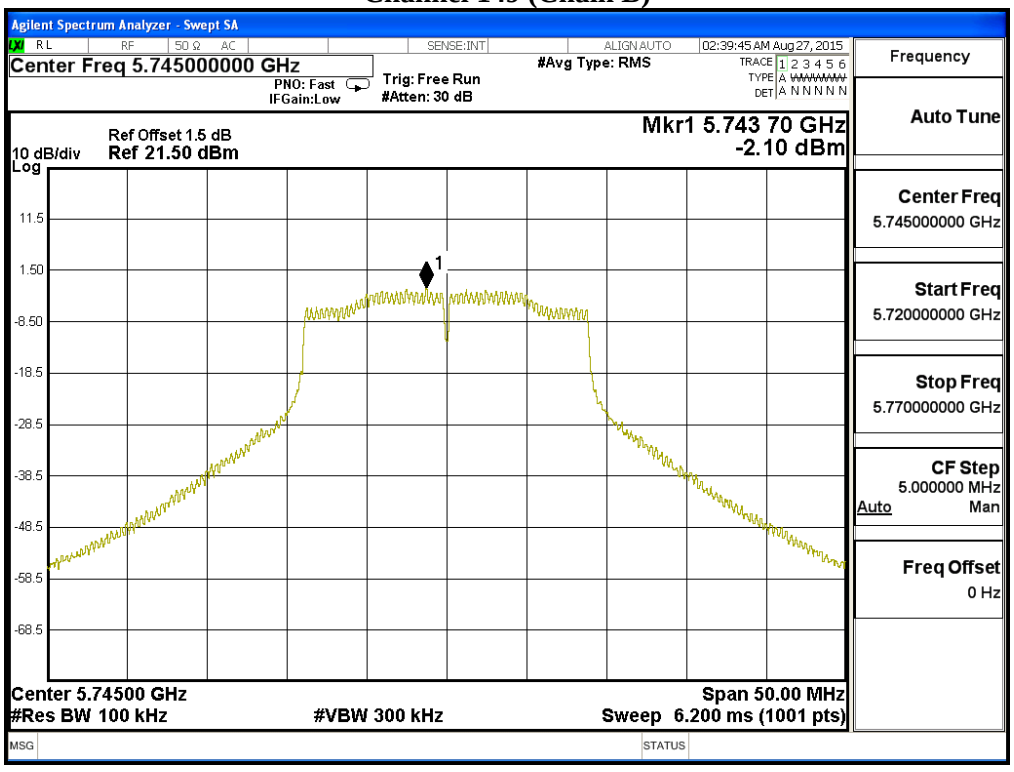
Note: 1.The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.

2. Total PPSD Value = PPSD/MHz value + 10*log 2 (two antennas) + BWCF + Duty Factor

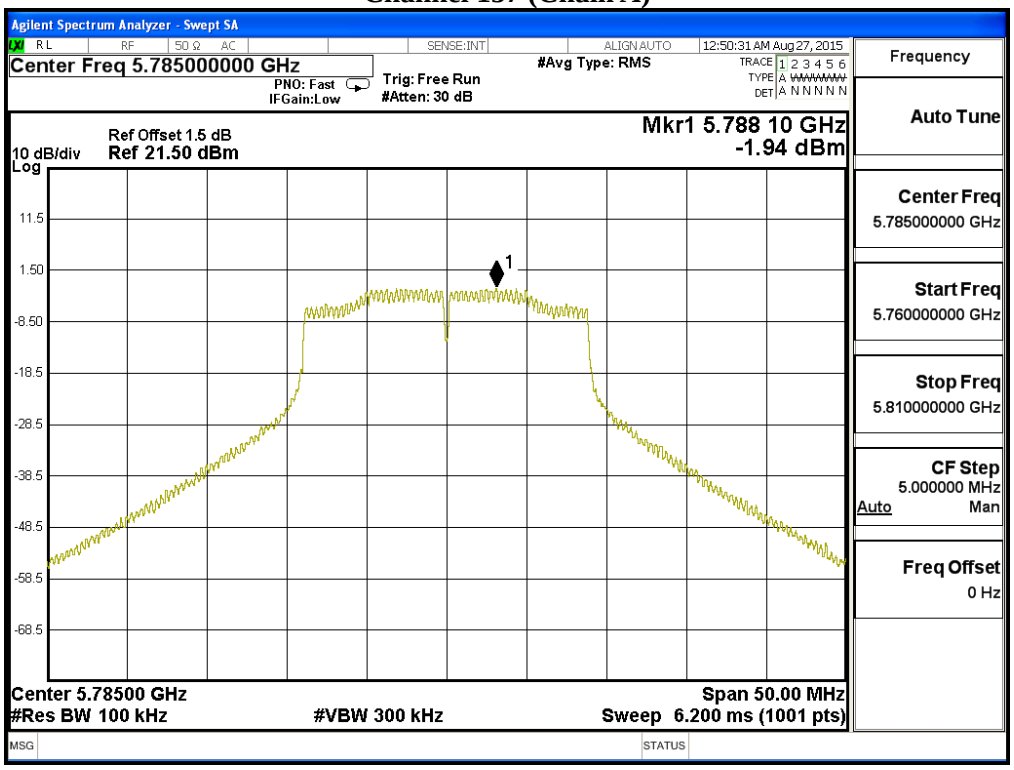
Channel 149 (Chain A)



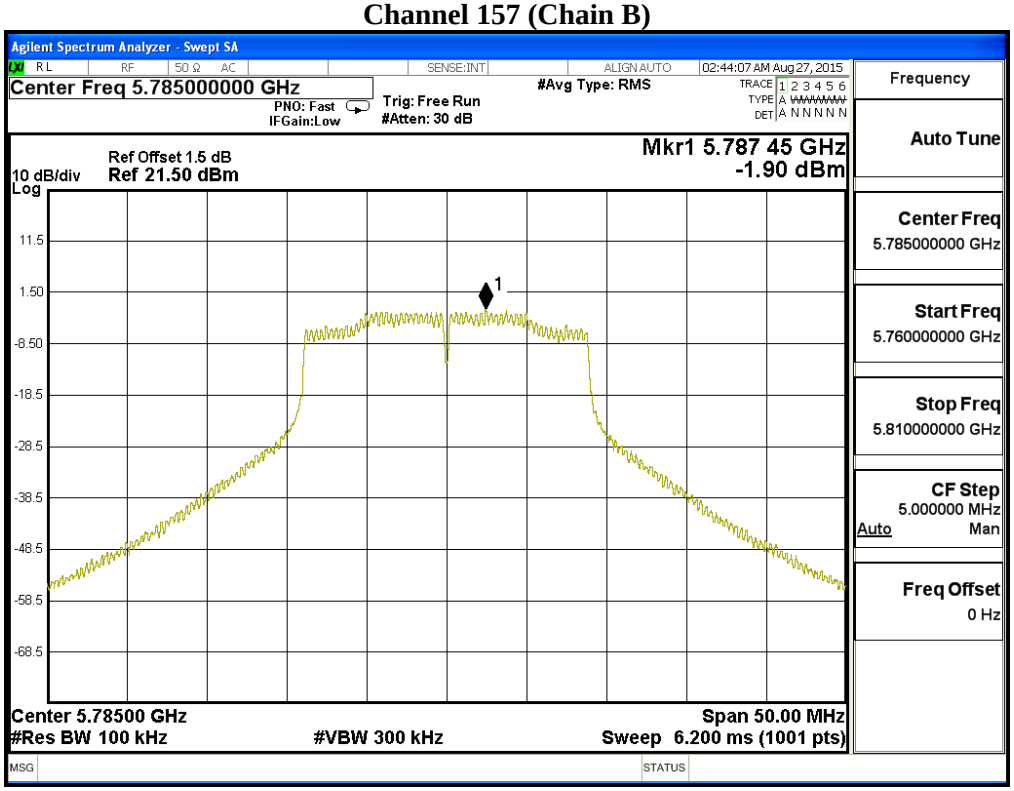
Channel 149 (Chain B)



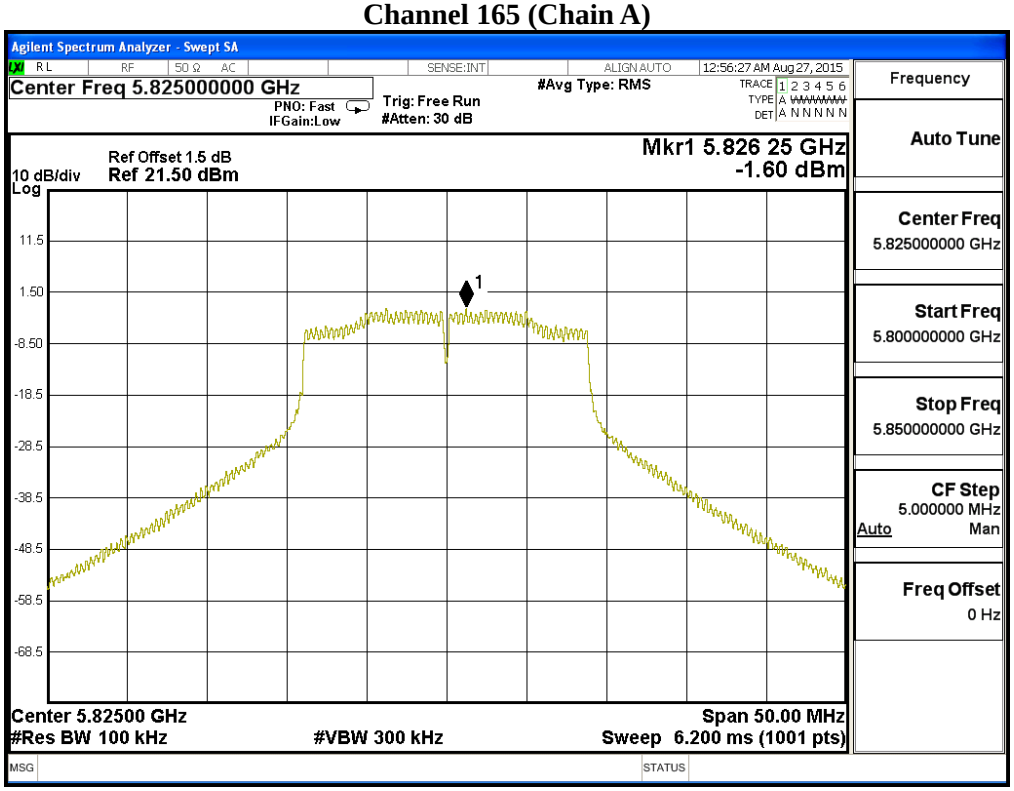
Channel 157 (Chain A)



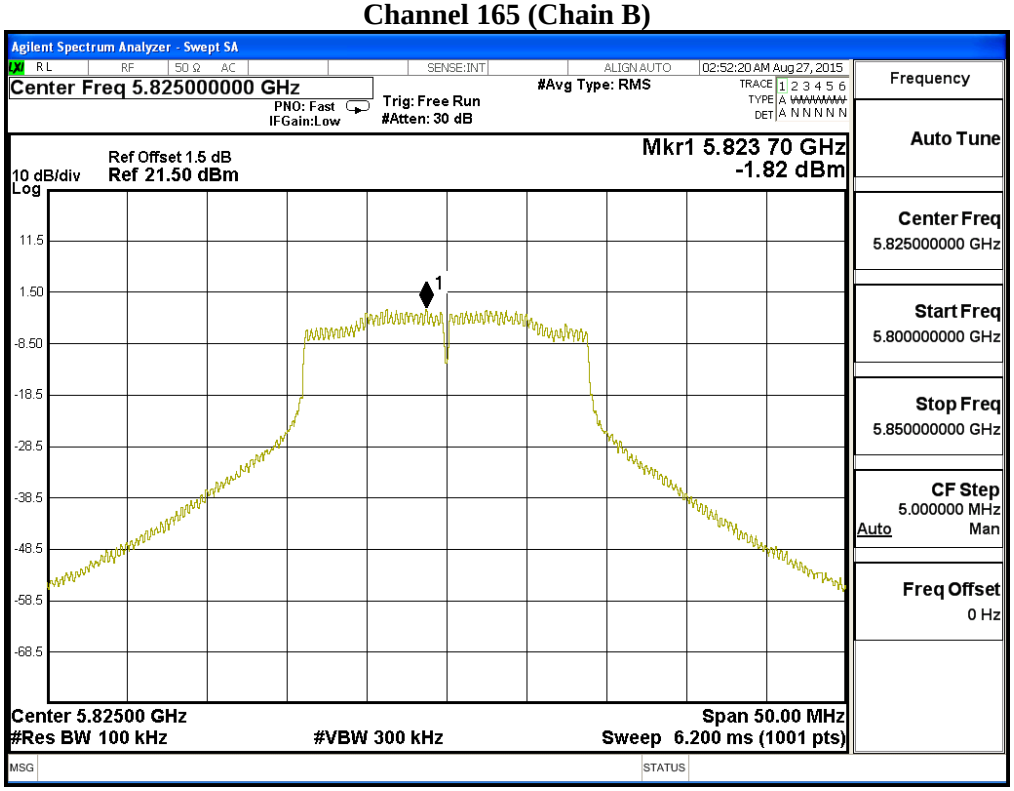
Channel 157 (Chain B)



Channel 165 (Chain A)



Channel 165 (Chain B)



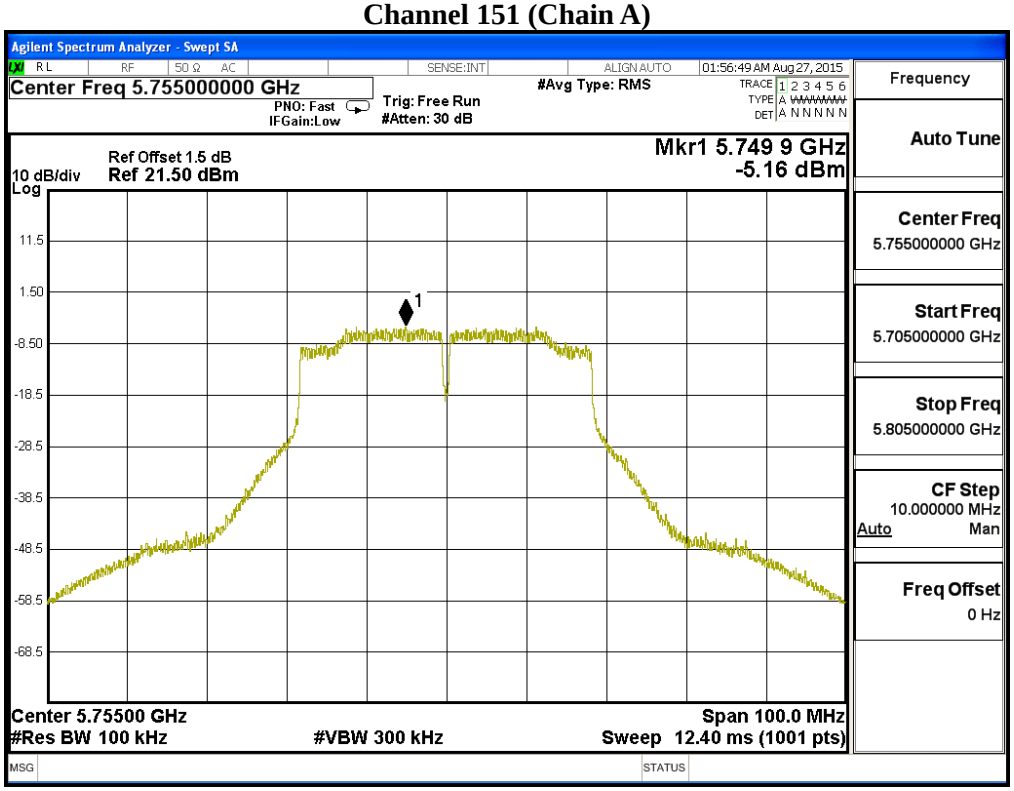
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_MIMO

5750~5850MHz

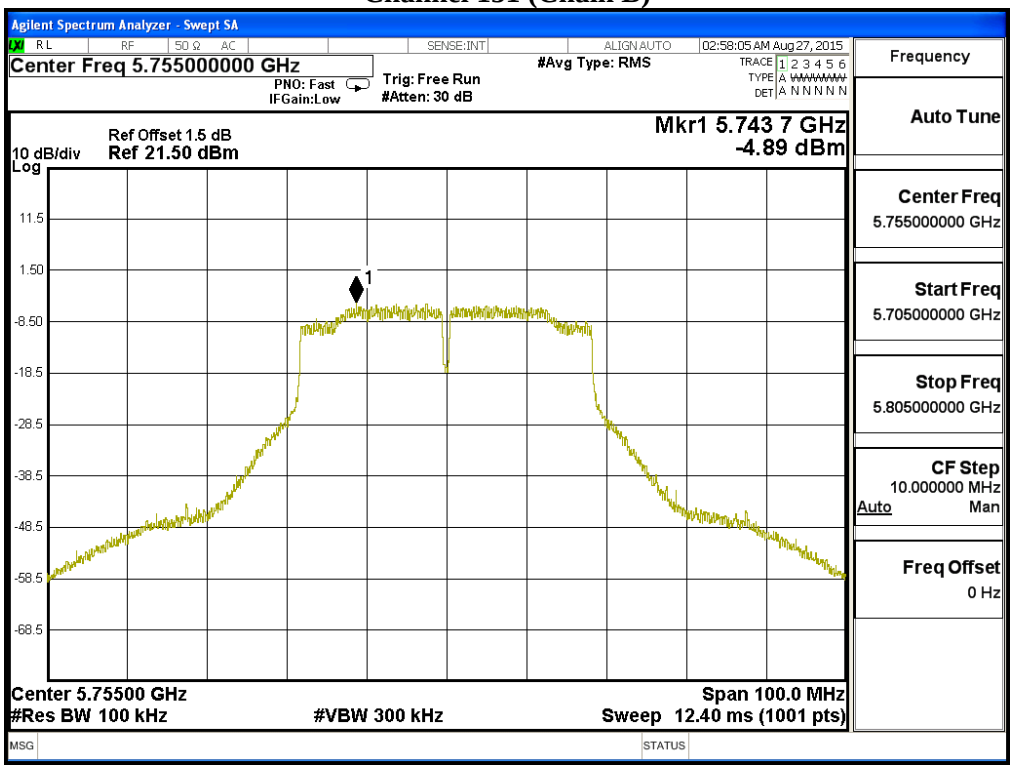
Channel Number	Frequency (MHz)	PPSD (dBm)		BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
151	5755	A	-5.16	6.980	0.140	4.970	<30	Pass
		B	-4.89	6.980	0.140	5.240	<30	Pass
159	5795	A	-4.99	6.980	0.140	5.140	<30	Pass
		B	-4.70	6.980	0.140	5.430	<30	Pass

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

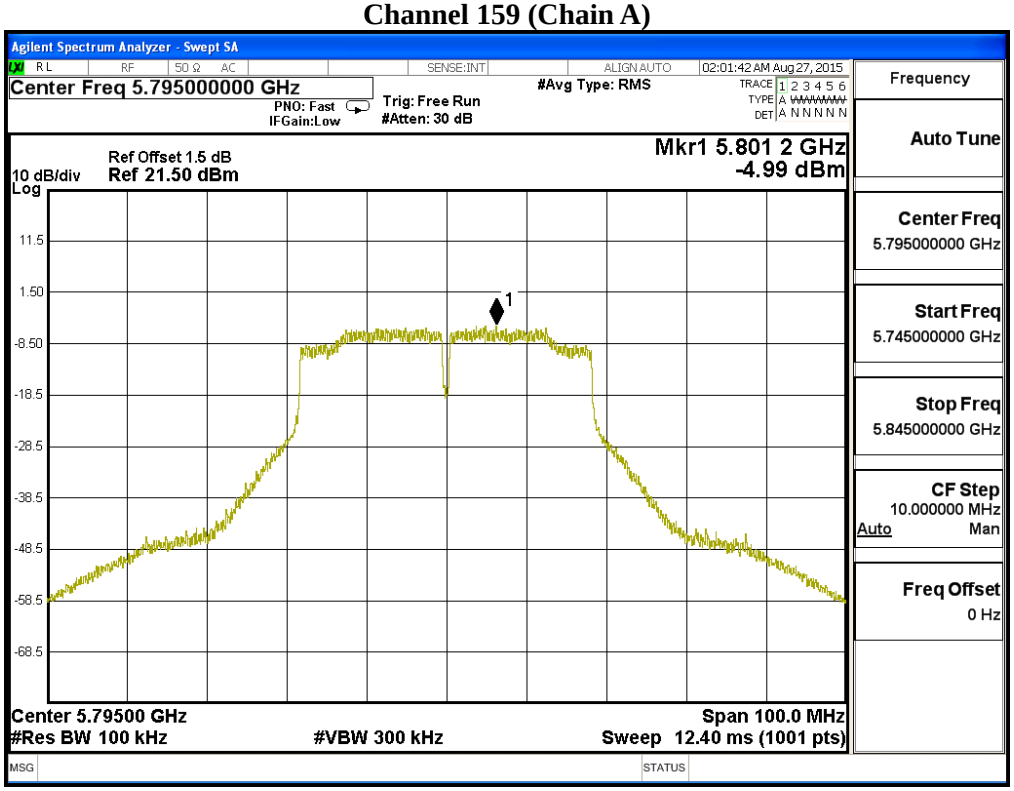
Channel 151 (Chain A)



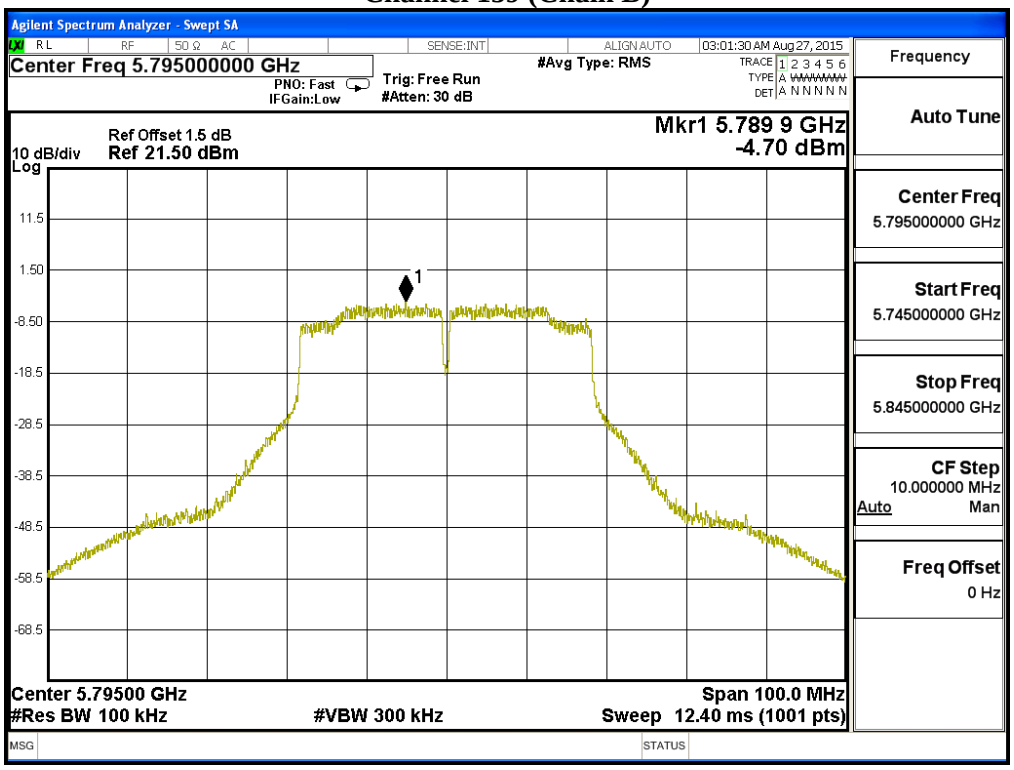
Channel 151 (Chain B)



Channel 159 (Chain A)



Channel 159 (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO

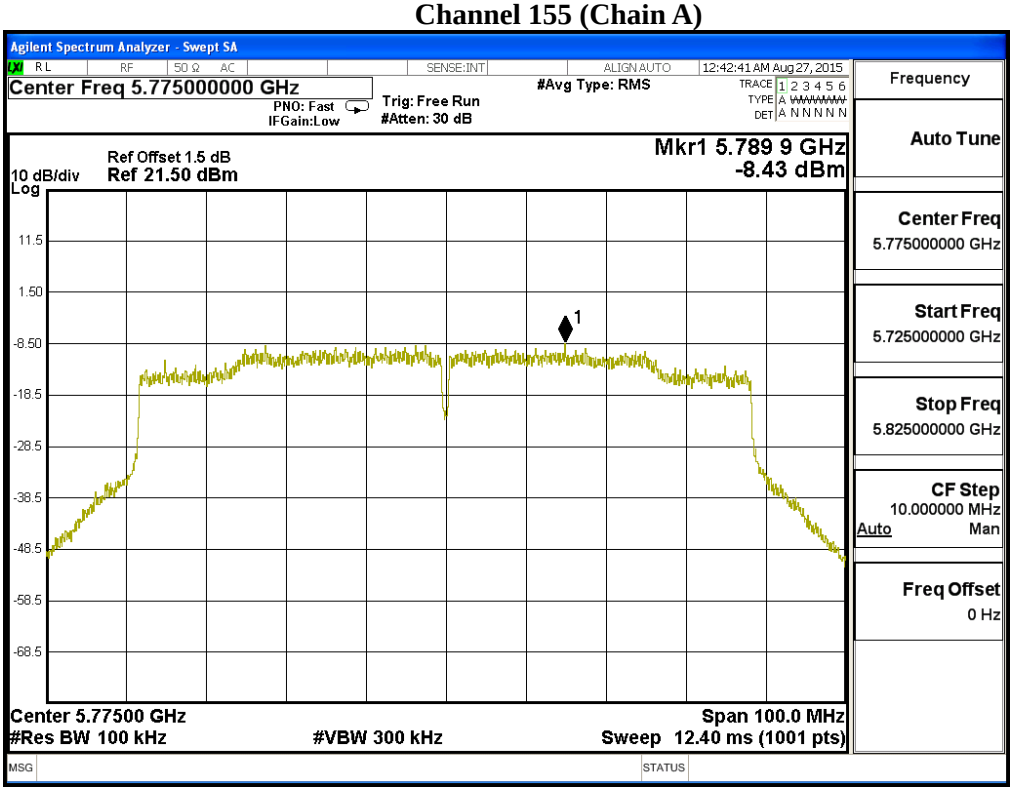
5750~5850MHz

Channel Number	Frequency (MHz)	PPSD (dBm)		BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
155	5775	A	-8.430	6.980	2.000	3.560	<30	Pass
		B	-7.500	6.980	2.000	4.490	<30	Pass

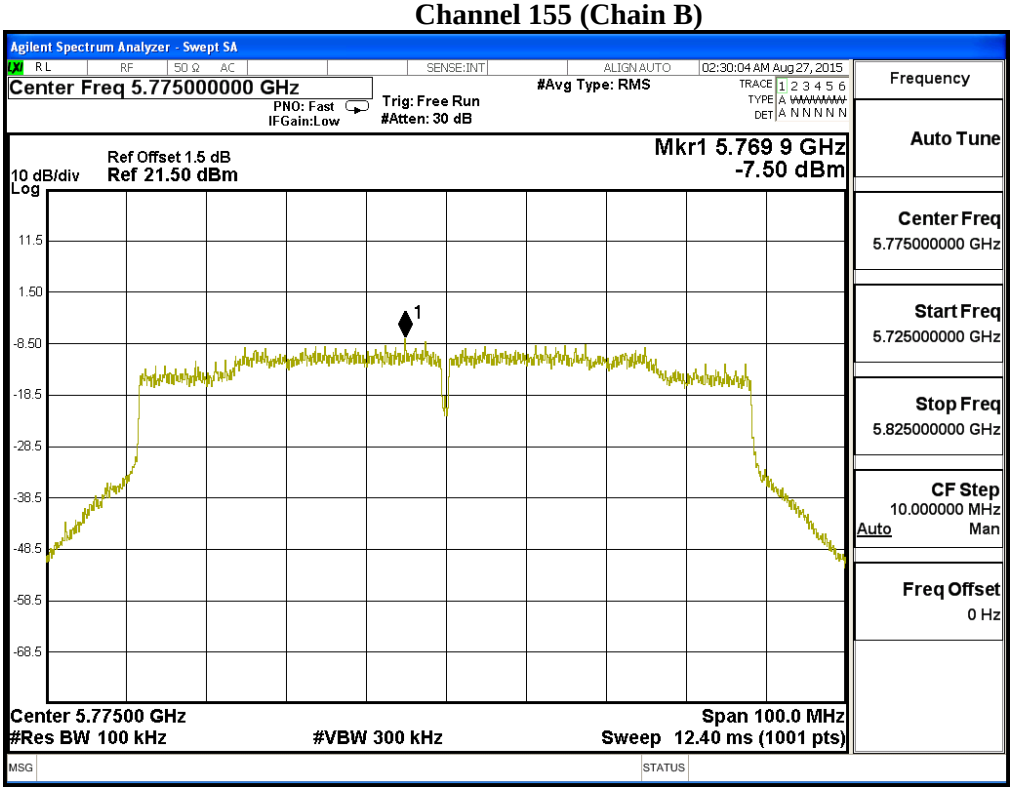
Note: 1.The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.

2. Total PPSD Value = PPSD/MHz value + 10*log 2 (two antennas) + BWCF + Duty Factor

Channel 155 (Chain A)



Channel 155 (Chain B)



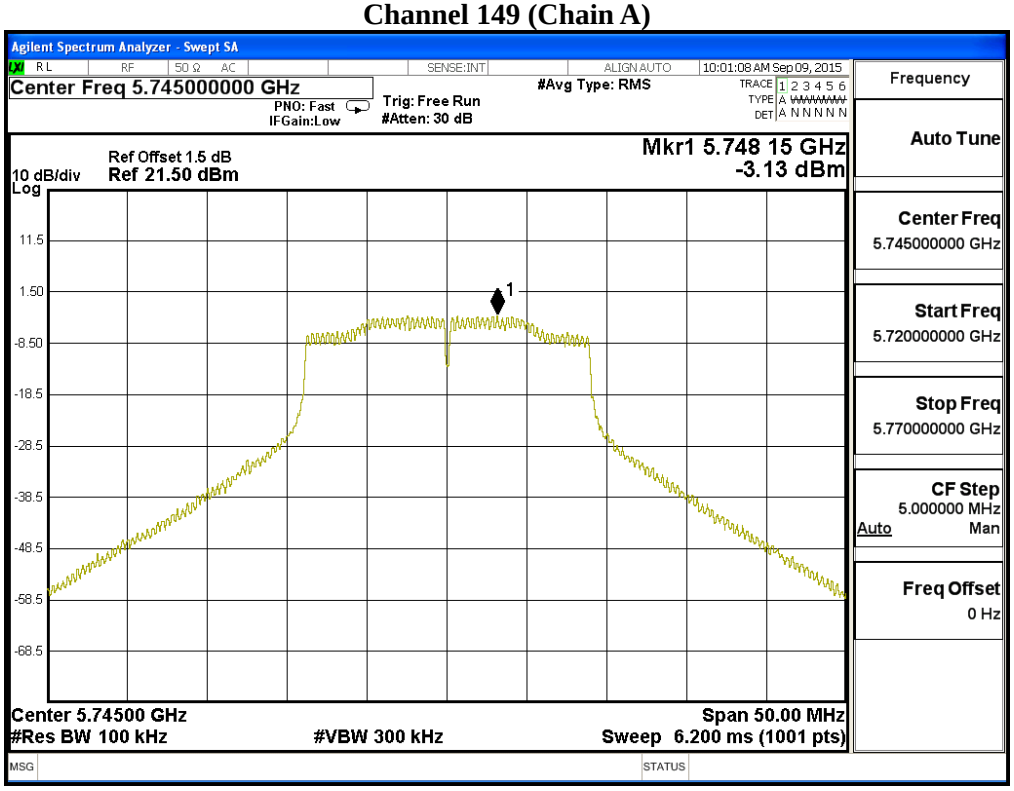
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming

5750~5850MHz

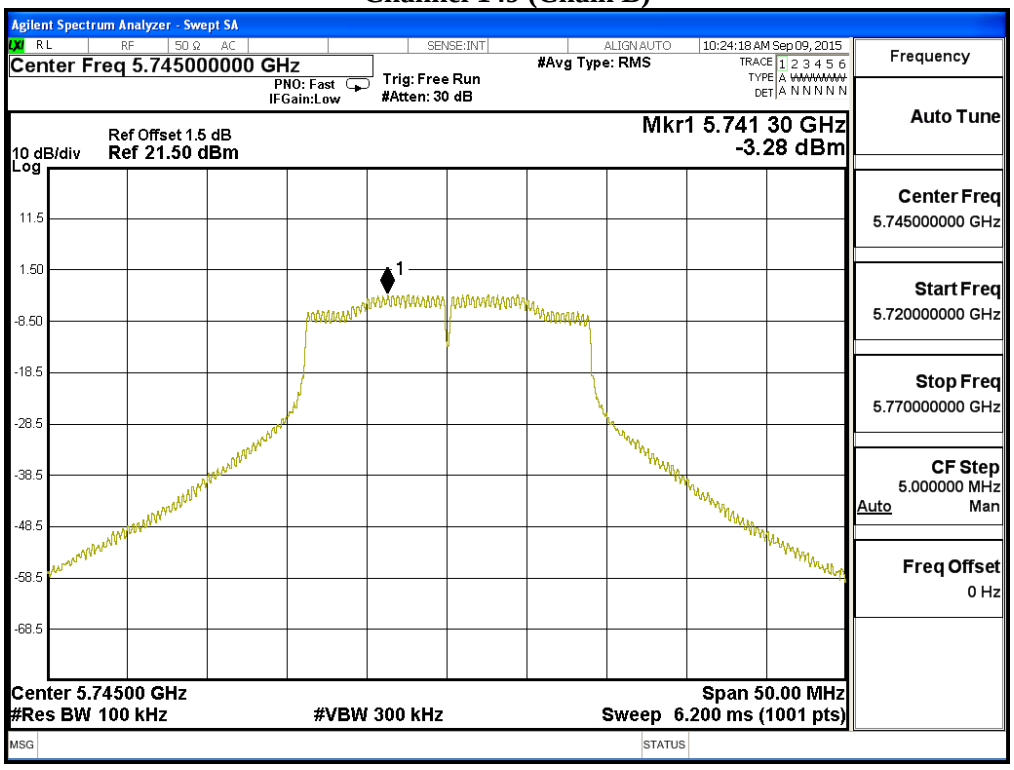
Channel Number	Frequency (MHz)	PPSD (dBm)		BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	A	-3.13	6.980	0.160	7.020	<30	Pass
		B	-3.28	6.980	0.160	6.870	<30	Pass
157	5785	A	-3.03	6.980	0.160	7.120	<30	Pass
		B	-3.42	6.980	0.160	6.730	<30	Pass
165	5825	A	-3.16	6.980	0.160	6.990	<30	Pass
		B	-3.61	6.980	0.160	6.540	<30	Pass

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

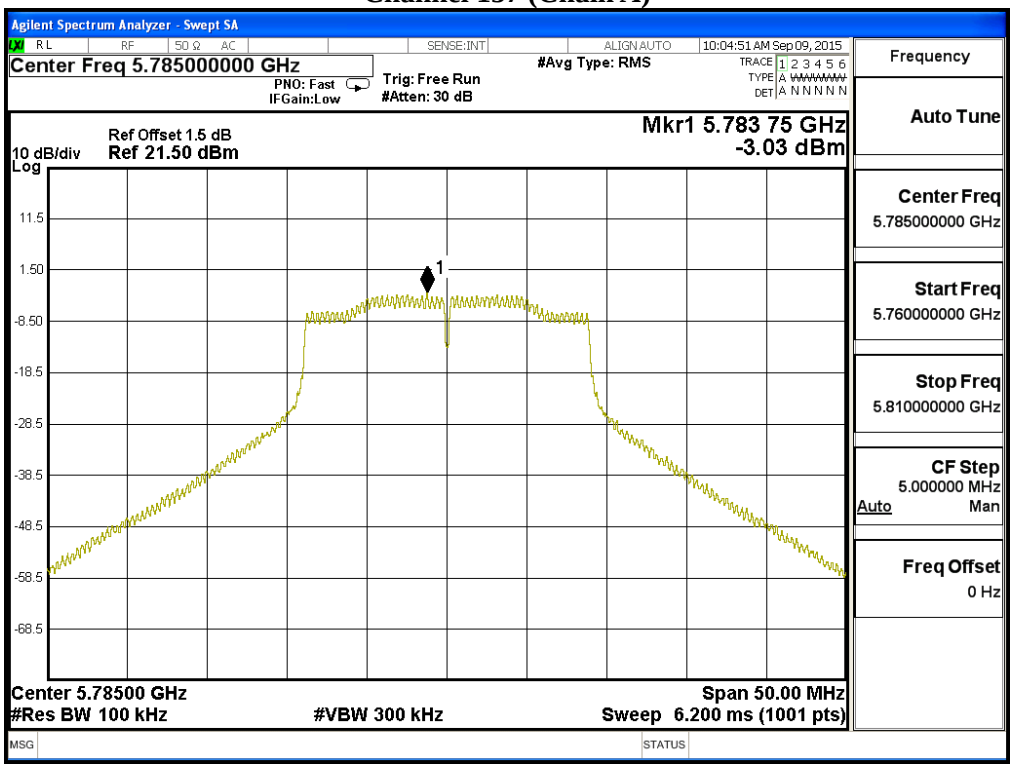
Channel 149 (Chain A)



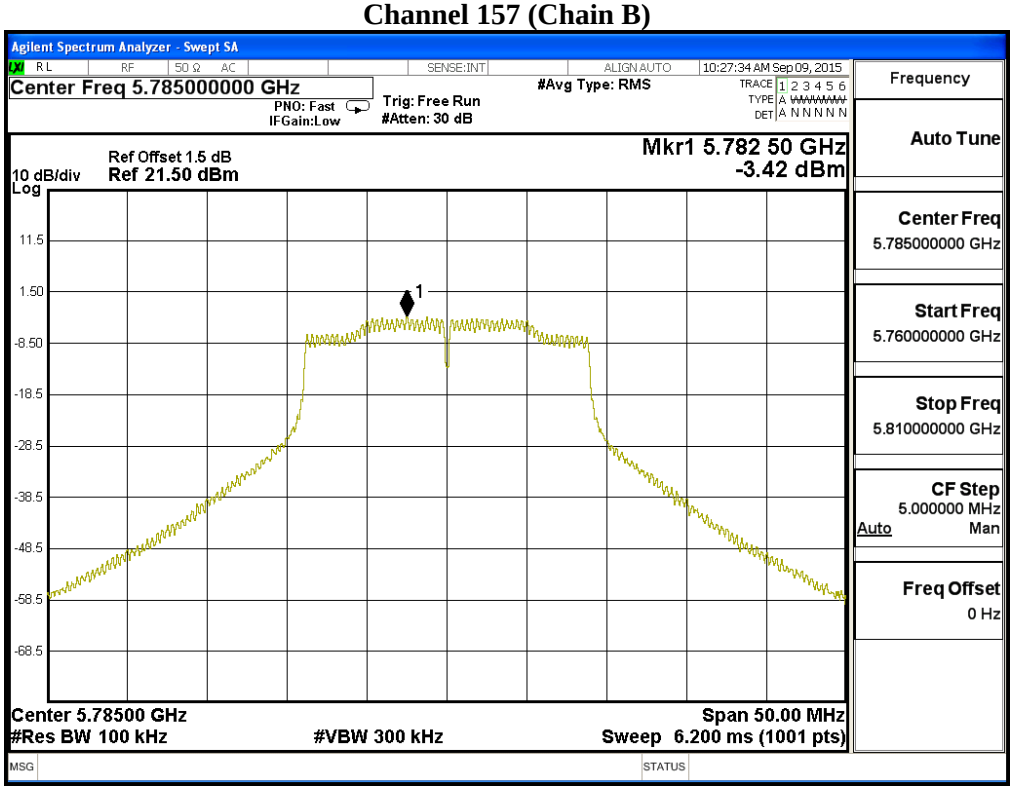
Channel 149 (Chain B)



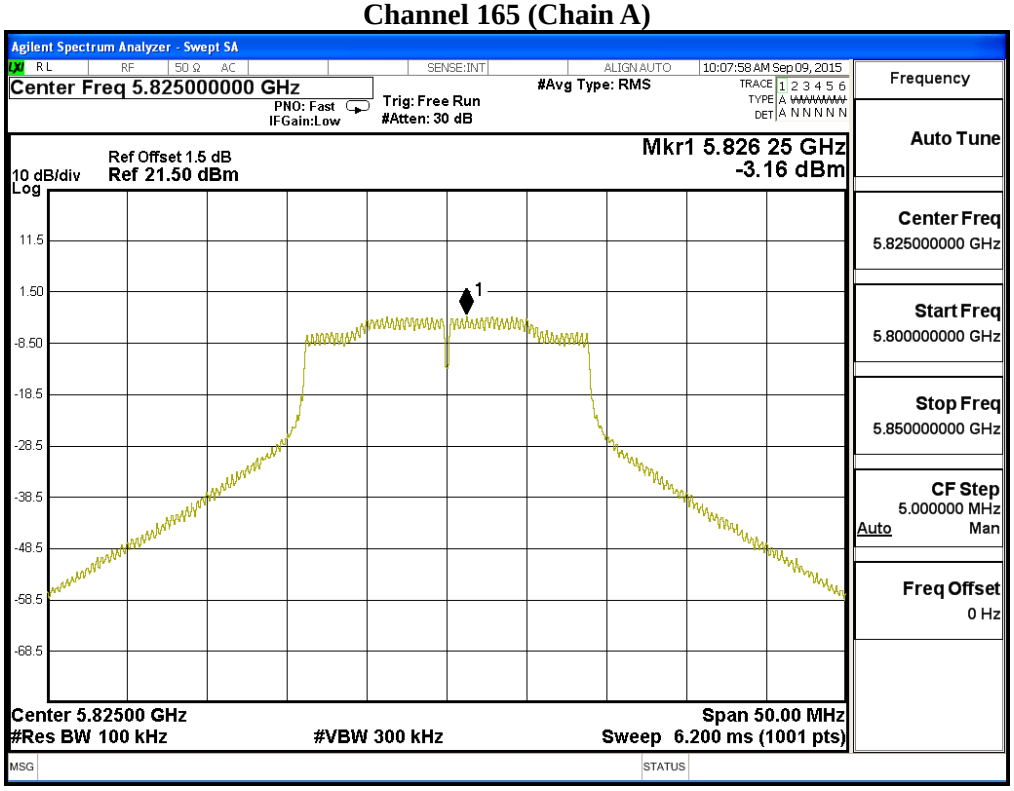
Channel 157 (Chain A)



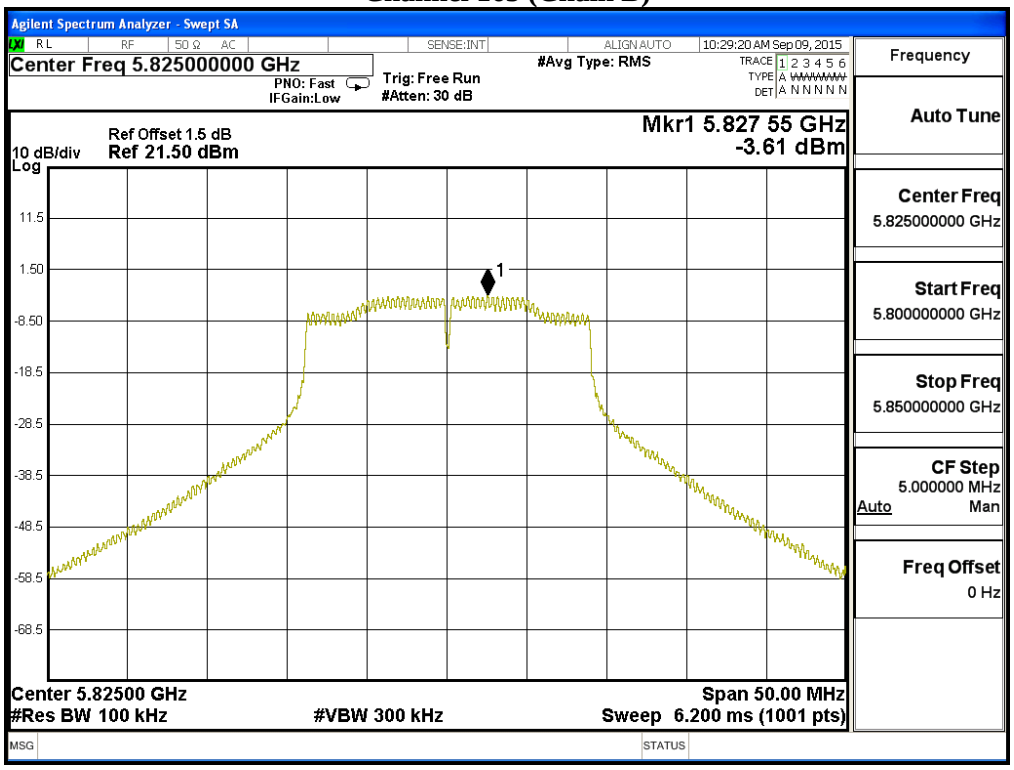
Channel 157 (Chain B)



Channel 165 (Chain A)



Channel 165 (Chain B)



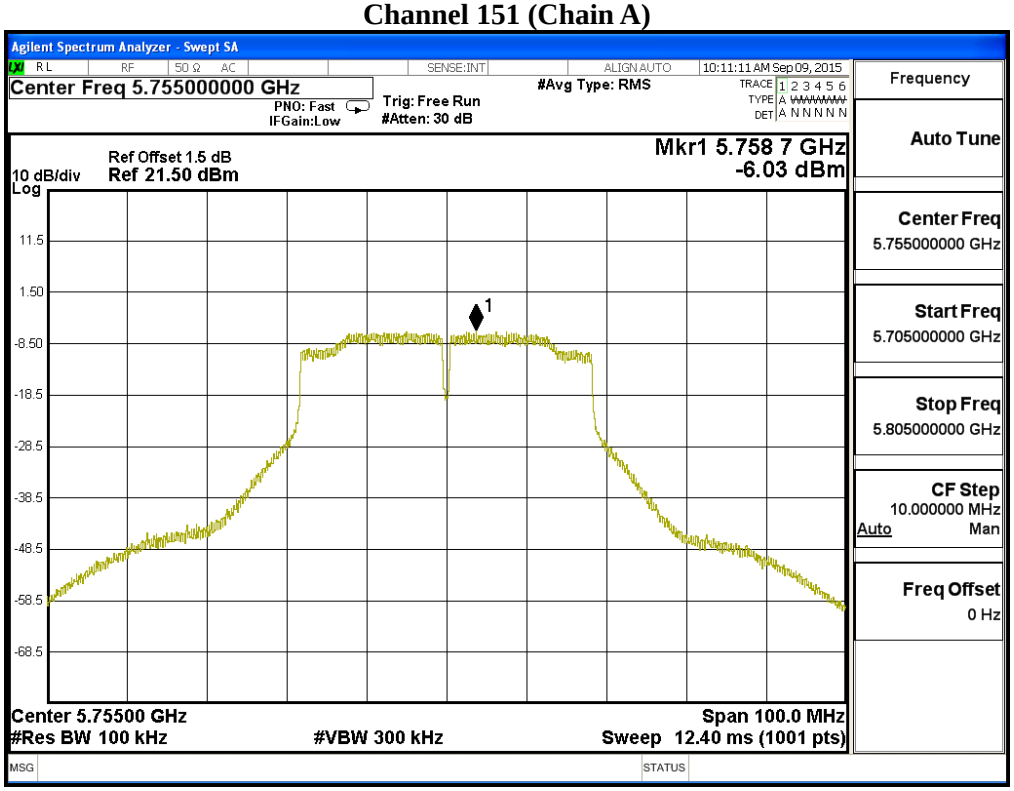
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_Beamforming

5750~5850MHz

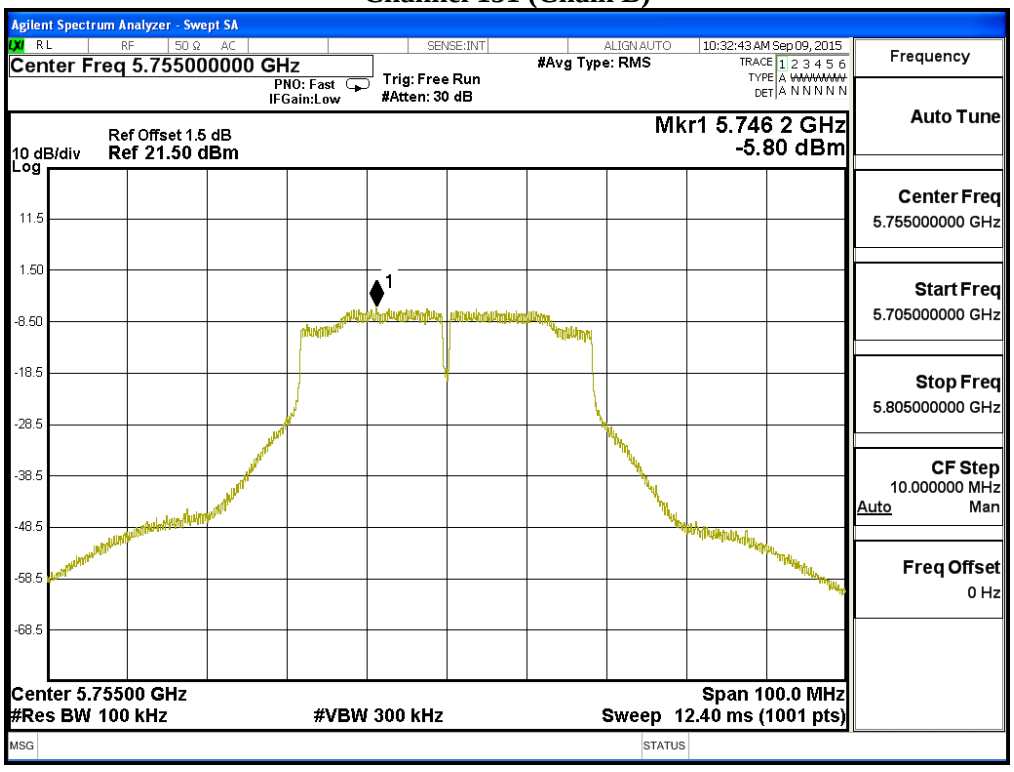
Channel Number	Frequency (MHz)	PPSD (dBm)		BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
151	5755	A	-6.03	6.980	0.140	4.100	<30	Pass
		B	-5.80	6.980	0.140	4.330	<30	Pass
159	5795	A	-6.28	6.980	0.140	3.850	<30	Pass
		B	-6.42	6.980	0.140	3.710	<30	Pass

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

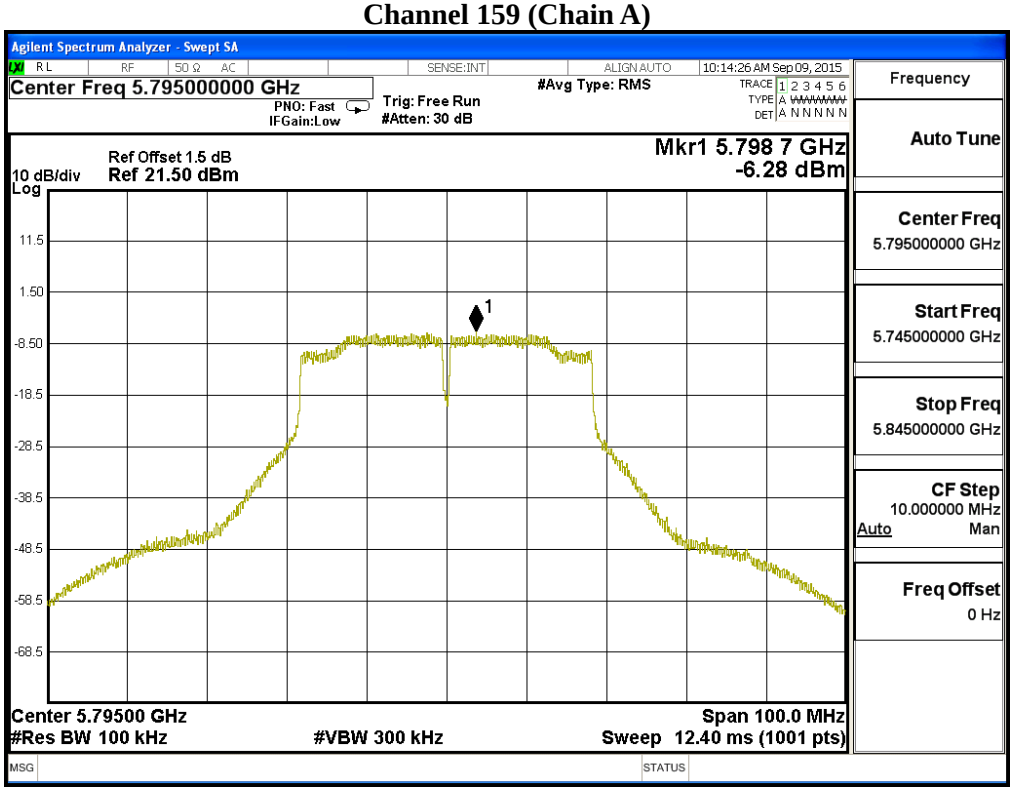
Channel 151 (Chain A)



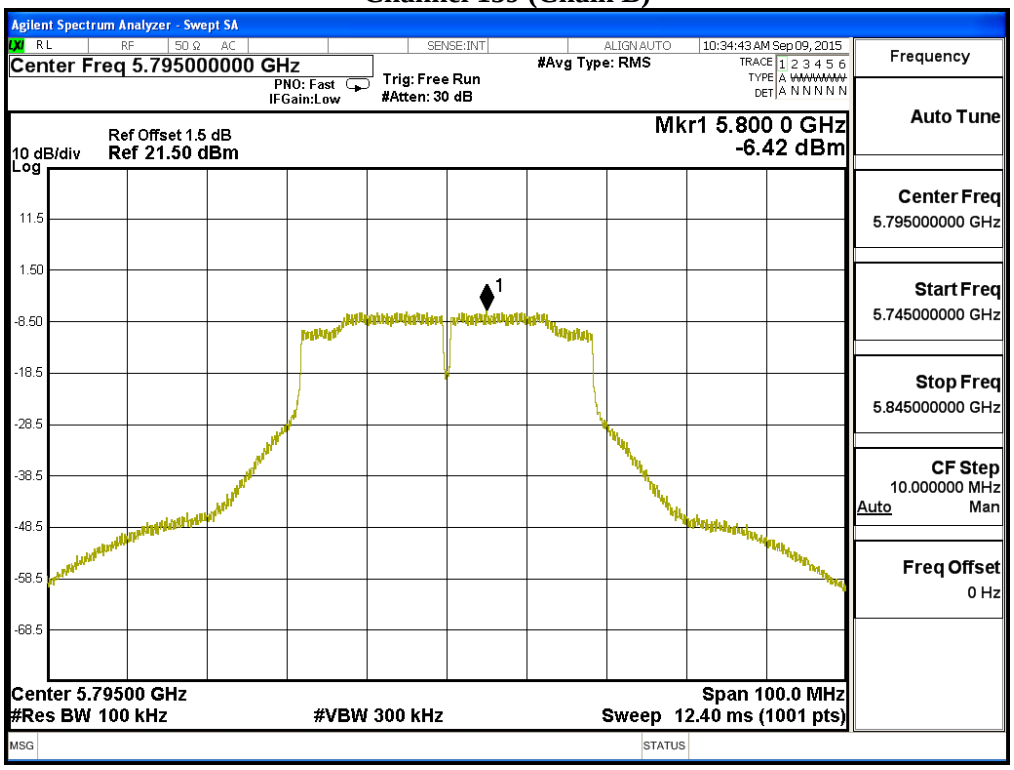
Channel 151 (Chain B)



Channel 159 (Chain A)



Channel 159 (Chain B)



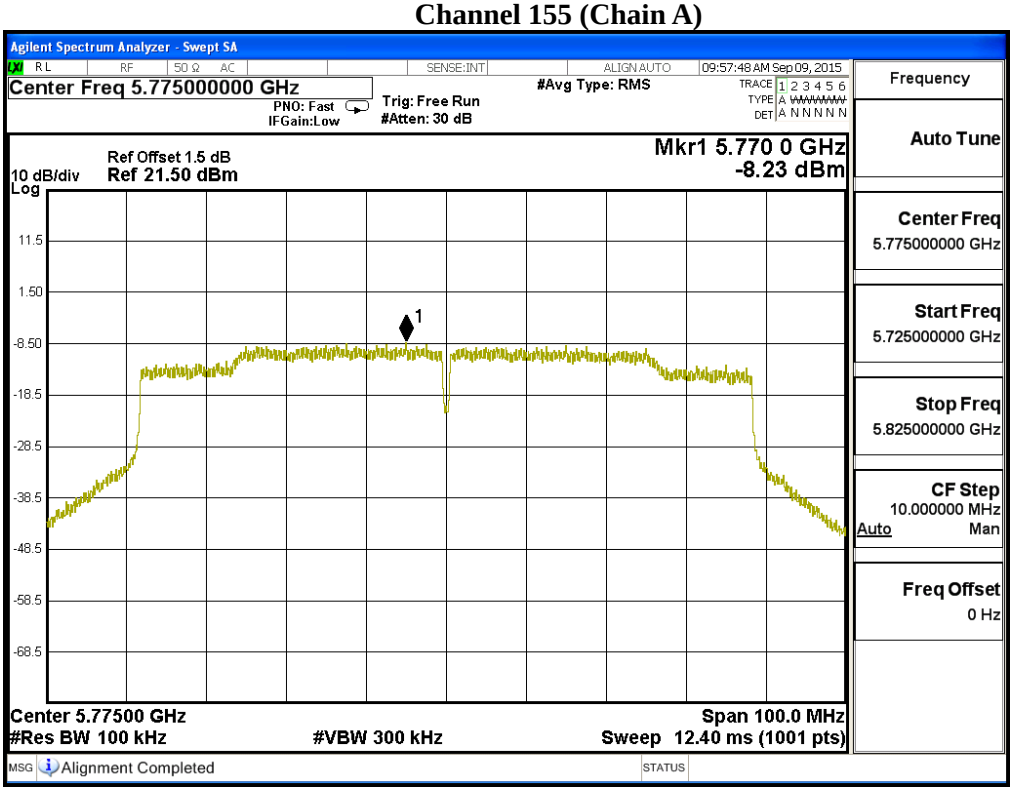
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming

5750~5850MHz

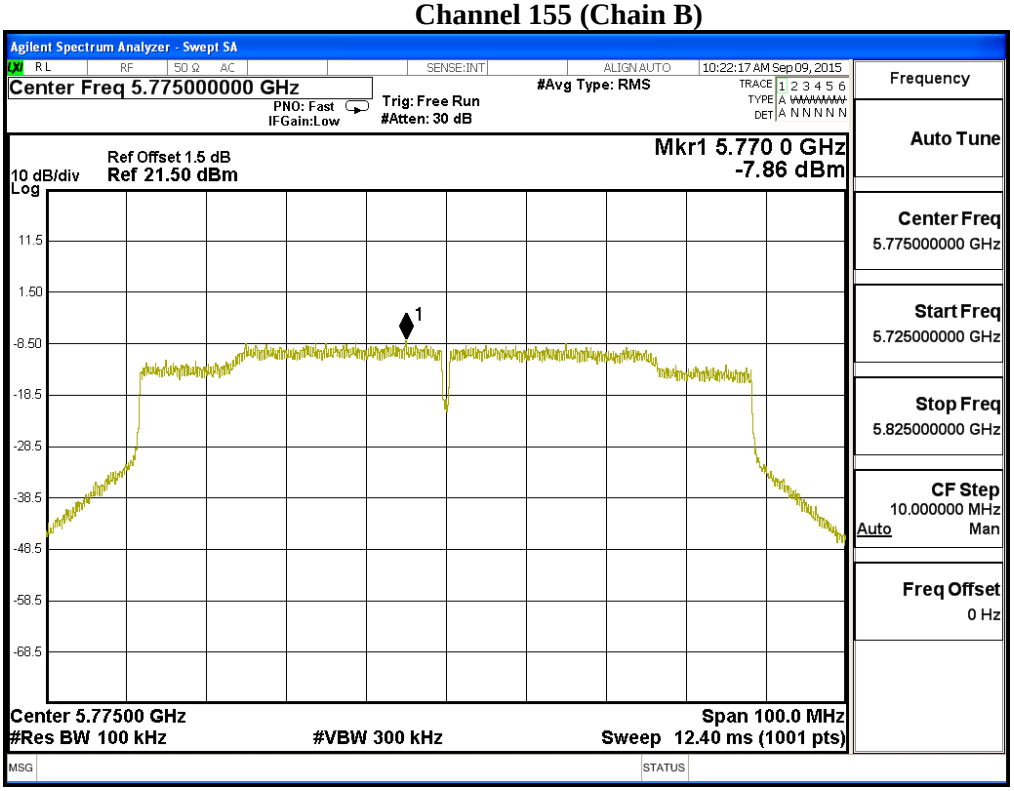
Channel Number	Frequency (MHz)	PPSD (dBm)		BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
155	5775	A	-8.230	6.980	2.000	3.760	<30	Pass
		B	-7.860	6.980	2.000	4.130	<30	Pass

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

Channel 155 (Chain A)



Channel 155 (Chain B)



5. Radiated Emission

5.1. Test Equipment

The following test equipments are used during the radiated emission test:

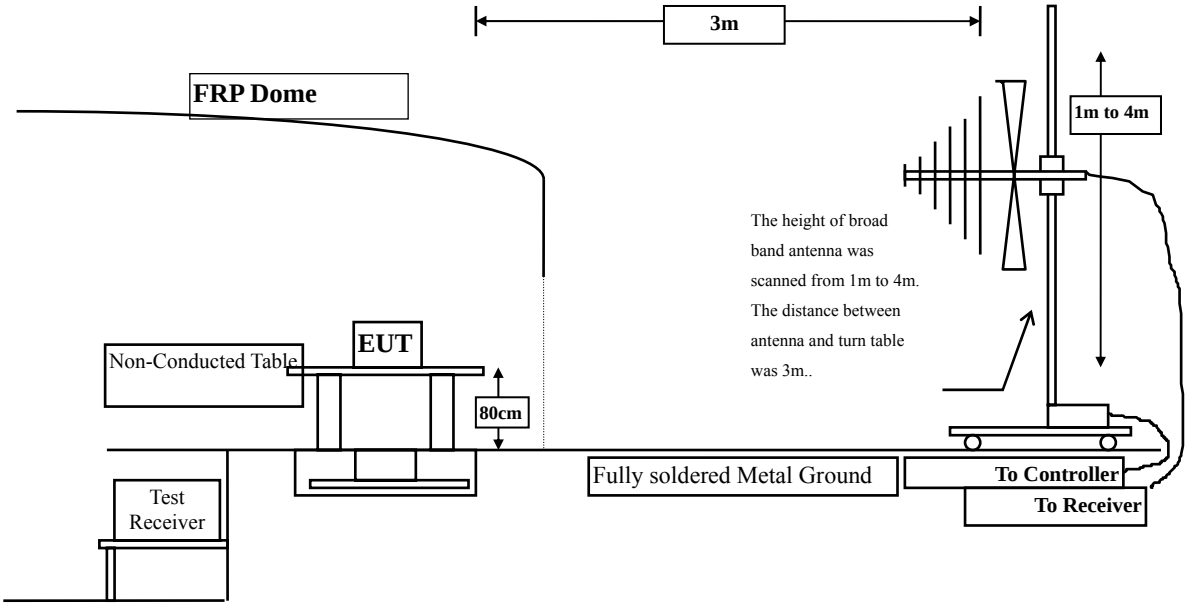
Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.
☒Site # 3	X	Magnetic Loop Antenna	Teseq	HLA6121/ 37133	Sep., 2015
	X	Bilog Antenna	Schaffner Chase	CBL6112B/ 2707	Jun., 2015
	X	EMI Test Receiver	R&S	ESCS 30/838251/ 001	Jun., 2015
	X	Coaxial Cable	QTK(Arnist)	RG 214/ LC003-RG	Jun., 2015
	X	Coaxial signal switch	Arnist	MP59B/ 6200798682	Jun., 2015

Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.
☒CB # 8	X	Spectrum Analyzer	R&S	FSP40/ 100339	Oct., 2014
	X	Horn Antenna	ETS-Lindgren	3117/ 35205	Mar., 2015
	X	Horn Antenna	Schwarzbeck	BBHA9170/209	Jan., 2015
	X	Horn Antenna	TRC	AH-0801/95051	Aug., 2015
	X	Pre-Amplifier	EMCI	EMC012630SE/980210	Jan., 2015
	X	Pre-Amplifier	MITEQ	JS41-001040000-58-5P/153945	Jul., 2015
	X	Pre-Amplifier	NARDA	DBL-1840N506/013	Jul., 2015

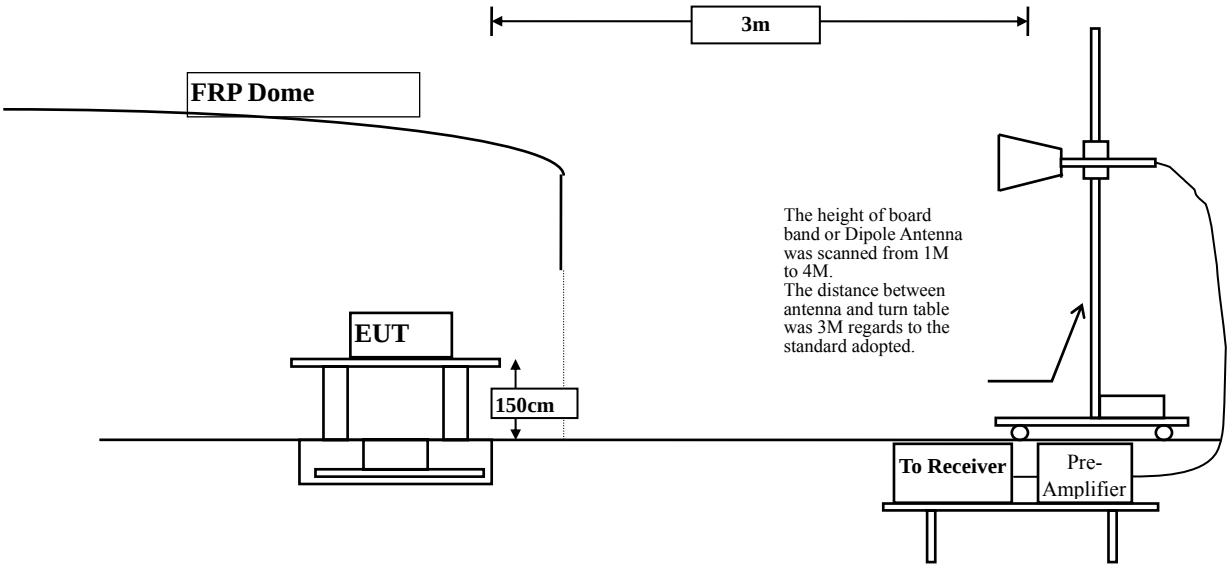
Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with "X" are used to measure the final test results.

5.2. Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



5.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209(a) Limits		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

5.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to FCC KDB-789033 test procedure for compliance to FCC 47CFR 15. 407 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground,when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

The measurement frequency range form 9kHz - 10th Harmonic of fundamental was investigated.

5.5. Uncertainty

± 3.8 dB below 1GHz

± 3.9 dB above 1GHz

5.6. Test Result of Radiated Emission

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal Peak Detector:					
11490.000	17.106	36.150	53.257	-20.743	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical Peak Detector:					
11490.000	18.034	35.230	53.265	-20.735	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11570.000	16.809	36.290	53.099	-20.901	74.000
17355.000	*	*	*	*	74.000
20800.000	*	*	*	*	74.000
26000.000	*	*	*	*	74.000
31200.000	*	*	*	*	74.000
36400.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11570.000	17.698	36.190	53.888	-20.112	74.000
17355.000	*	*	*	*	74.000
20800.000	*	*	*	*	74.000
26000.000	*	*	*	*	74.000
31200.000	*	*	*	*	74.000
36400.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11650.000	16.158	36.120	52.278	-21.722	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11650.000	17.274	36.120	53.395	-20.605	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11490.000	17.106	36.780	53.887	-20.113	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11490.000	18.034	35.820	53.855	-20.145	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11570.000	16.809	36.320	53.129	-20.871	74.000
17355.000	*	*	*	*	74.000
20880.000	*	*	*	*	74.000
26100.000	*	*	*	*	74.000
31320.000	*	*	*	*	74.000
36540.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11570.000	17.698	36.140	53.838	-20.162	74.000
17355.000	*	*	*	*	74.000
20880.000	*	*	*	*	74.000
26100.000	*	*	*	*	74.000
31320.000	*	*	*	*	74.000
36540.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11650.000	16.158	36.260	52.418	-21.582	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440.000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11650.000	17.274	36.450	53.725	-20.275	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440.000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11510.000	17.124	36.540	53.664	-20.336	74.000
17265.000	*	*	*	*	74.000
20760.000	*	*	*	*	74.000
25950.000	*	*	*	*	74.000
31140.000	*	*	*	*	74.000
36330.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11510.000	18.081	35.830	53.911	-20.089	74.000
17265.000	*	*	*	*	74.000
20760.000	*	*	*	*	74.000
25950.000	*	*	*	*	74.000
31140.000	*	*	*	*	74.000
36330.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A (5795MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11590.000	16.701	36.150	52.850	-21.150	74.000
17385.000	*	*	*	*	74.000
20920.000	*	*	*	*	74.000
26150.000	*	*	*	*	74.000
31380.000	*	*	*	*	74.000
36610.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11590.000	17.567	36.120	53.686	-20.314	74.000
17385.000	*	*	*	*	74.000
20920.000	*	*	*	*	74.000
26150.000	*	*	*	*	74.000
31380.000	*	*	*	*	74.000
36610.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11550.000	17.018	36.270	53.289	-20.711	74.000
17325.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11550.000	17.952	35.480	53.433	-20.567	74.000
17325.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
375.320	-1.209	31.432	30.223	-15.777	46.000
600.360	3.977	33.843	37.820	-8.180	46.000
720.640	3.511	30.738	34.249	-11.751	46.000
817.640	5.532	27.970	33.502	-12.498	46.000
912.700	6.132	26.853	32.985	-13.015	46.000
961.200	6.450	29.085	35.535	-18.465	54.000
Vertical					
Peak Detector					
115.360	-2.630	31.909	29.279	-14.221	43.500
181.320	-9.512	37.474	27.962	-15.538	43.500
454.860	-5.499	31.460	25.960	-20.040	46.000
600.360	-2.833	26.802	23.969	-22.031	46.000
806.000	3.908	23.688	27.596	-18.404	46.000
961.200	7.260	26.273	33.533	-20.467	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
386.960	-1.524	31.761	30.237	-15.763	46.000
503.360	0.138	34.278	34.416	-11.584	46.000
623.640	1.959	30.897	32.856	-13.144	46.000
720.640	3.511	29.655	33.166	-12.834	46.000
817.640	5.532	27.299	32.831	-13.169	46.000
961.200	6.450	28.641	35.091	-18.909	54.000
Vertical					
Peak Detector					
57.160	-4.403	31.791	27.388	-12.612	40.000
377.260	-1.765	24.722	22.957	-23.043	46.000
503.360	-0.852	26.209	25.357	-20.643	46.000
600.360	-2.833	26.223	23.390	-22.610	46.000
753.620	3.187	24.379	27.566	-18.434	46.000
961.200	7.260	25.236	32.496	-21.504	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
369.500	-1.098	30.933	29.835	-16.165	46.000
551.860	2.714	31.163	33.877	-12.123	46.000
697.360	3.171	29.674	32.845	-13.155	46.000
817.640	5.532	27.824	33.356	-12.644	46.000
864.200	5.671	27.226	32.897	-13.103	46.000
961.200	6.450	28.828	35.278	-18.722	54.000
Vertical					
Peak Detector					
62.980	-5.003	35.435	30.432	-9.568	40.000
454.860	-5.499	32.132	26.632	-19.368	46.000
600.360	-2.833	31.369	28.536	-17.464	46.000
697.360	1.311	27.972	29.283	-16.717	46.000
817.640	3.272	27.169	30.441	-15.559	46.000
961.200	7.260	24.793	32.053	-21.947	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
189.080	-10.027	36.779	26.752	-16.748	43.500
324.880	-4.510	37.182	32.672	-13.328	46.000
441.280	0.444	36.733	37.177	-8.823	46.000
594.540	3.555	34.568	38.123	-7.877	46.000
767.200	5.099	32.909	38.009	-7.991	46.000
937.920	6.750	24.580	31.330	-14.670	46.000
Vertical					
Peak Detector					
191.020	-5.629	33.167	27.538	-15.962	43.500
350.100	-1.278	34.837	33.559	-12.441	46.000
489.780	-2.262	39.102	36.840	-9.160	46.000
639.160	-1.374	38.759	37.385	-8.615	46.000
802.120	2.966	35.565	38.531	-7.469	46.000
968.960	3.936	28.142	32.078	-21.922	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal Peak Detector:					
11490.000	17.106	35.940	53.047	-20.953	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical Peak Detector:					
11490.000	18.034	35.820	53.855	-20.145	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11570.000	16.809	35.890	52.699	-21.301	74.000
17355.000	*	*	*	*	74.000
20800.000	*	*	*	*	74.000
26000.000	*	*	*	*	74.000
31200.000	*	*	*	*	74.000
36400.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11570.000	17.698	35.550	53.248	-20.752	74.000
17355.000	*	*	*	*	74.000
20800.000	*	*	*	*	74.000
26000.000	*	*	*	*	74.000
31200.000	*	*	*	*	74.000
36400.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11650.000	16.158	34.780	50.938	-23.062	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11650.000	17.274	36.490	53.765	-20.235	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11490.000	17.106	36.750	53.857	-20.143	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11490.000	18.034	35.850	53.885	-20.115	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11570.000	16.809	35.750	52.559	-21.441	74.000
17355.000	*	*	*	*	74.000
20880.000	*	*	*	*	74.000
26100.000	*	*	*	*	74.000
31320.000	*	*	*	*	74.000
36540.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11570.000	17.698	35.800	53.498	-20.502	74.000
17355.000	*	*	*	*	74.000
20880.000	*	*	*	*	74.000
26100.000	*	*	*	*	74.000
31320.000	*	*	*	*	74.000
36540.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11650.000	16.158	37.830	53.988	-20.012	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440.000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11650.000	17.274	36.710	53.985	-20.015	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440.000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11510.000	17.124	35.170	52.294	-21.706	74.000
17265.000	*	*	*	*	74.000
20760.000	*	*	*	*	74.000
25950.000	*	*	*	*	74.000
31140.000	*	*	*	*	74.000
36330.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11510.000	18.081	35.810	53.891	-20.109	74.000
17265.000	*	*	*	*	74.000
20760.000	*	*	*	*	74.000
25950.000	*	*	*	*	74.000
31140.000	*	*	*	*	74.000
36330.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B (5795MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11590.000	16.701	35.650	52.350	-21.650	74.000
17385.000	*	*	*	*	74.000
20920.000	*	*	*	*	74.000
26150.000	*	*	*	*	74.000
31380.000	*	*	*	*	74.000
36610.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11590.000	17.567	35.260	52.826	-21.174	74.000
17385.000	*	*	*	*	74.000
20920.000	*	*	*	*	74.000
26150.000	*	*	*	*	74.000
31380.000	*	*	*	*	74.000
36610.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11550.000	17.018	35.970	52.989	-21.011	74.000
17325.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11550.000	17.952	35.310	53.263	-20.737	74.000
17325.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
66.860	-13.595	43.369	29.774	-10.226	40.000
367.560	0.592	25.557	26.148	-19.852	46.000
509.180	2.974	25.100	28.074	-17.926	46.000
617.820	2.438	25.892	28.330	-17.670	46.000
831.220	7.121	25.279	32.400	-13.600	46.000
918.520	6.718	23.291	30.009	-15.991	46.000
Vertical					
Peak Detector					
68.800	-12.433	44.701	32.268	-7.732	40.000
222.060	-6.484	32.341	25.856	-20.144	46.000
365.620	0.282	24.548	24.830	-21.170	46.000
522.760	1.116	22.747	23.863	-22.137	46.000
676.020	0.451	23.874	24.326	-21.674	46.000
825.400	3.016	22.187	25.203	-20.797	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
39.700	-3.625	37.963	34.338	-5.662	40.000
64.920	-12.587	40.336	27.749	-12.251	40.000
468.440	3.544	23.137	26.681	-19.319	46.000
594.540	3.555	23.598	27.153	-18.847	46.000
831.220	7.121	22.128	29.249	-16.751	46.000
970.900	7.347	23.941	31.288	-22.712	54.000
Vertical					
Peak Detector					
66.860	-12.435	44.966	32.531	-7.469	40.000
214.300	-5.859	31.798	25.939	-17.561	43.500
375.320	0.388	25.119	25.507	-20.493	46.000
540.220	2.169	22.889	25.058	-20.942	46.000
788.540	2.714	23.182	25.896	-20.104	46.000
930.160	3.830	23.449	27.279	-18.721	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
66.860	-13.595	43.008	29.413	-10.587	40.000
229.820	-8.001	34.809	26.808	-19.192	46.000
419.940	-0.254	30.904	30.650	-15.350	46.000
679.900	2.823	26.103	28.926	-17.074	46.000
831.220	7.121	24.879	32.000	-14.000	46.000
986.420	8.189	22.665	30.854	-23.146	54.000
Vertical					
Peak Detector					
66.860	-12.435	42.256	29.821	-10.179	40.000
220.120	-6.543	31.826	25.283	-20.717	46.000
371.440	-0.310	26.047	25.737	-20.263	46.000
610.060	2.087	23.039	25.126	-20.874	46.000
837.040	1.606	25.524	27.130	-18.870	46.000
967.020	3.889	22.708	26.597	-27.403	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
189.080	-10.027	38.883	28.856	-14.644	43.500
324.880	-4.510	39.531	35.021	-10.979	46.000
456.800	2.432	36.138	38.570	-7.430	46.000
637.220	1.572	37.089	38.661	-7.339	46.000
780.780	5.259	32.293	37.552	-8.448	46.000
935.980	6.760	25.113	31.873	-14.127	46.000
Vertical					
Peak Detector					
185.200	-5.401	33.407	28.006	-15.494	43.500
313.240	-4.090	38.151	34.061	-11.939	46.000
464.560	-3.486	39.325	35.839	-10.161	46.000
629.460	-1.028	39.929	38.901	-7.099	46.000
807.940	3.361	34.935	38.296	-7.704	46.000
965.080	3.832	27.496	31.328	-22.672	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11490.000	17.106	36.580	53.687	-20.313	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11490.000	18.034	35.520	53.555	-20.445	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11570.000	16.809	35.790	52.599	-21.401	74.000
17355.000	*	*	*	*	74.000
20880.000	*	*	*	*	74.000
26100.000	*	*	*	*	74.000
31320.000	*	*	*	*	74.000
36540.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11570.000	17.698	35.970	53.668	-20.332	74.000
17355.000	*	*	*	*	74.000
20880.000	*	*	*	*	74.000
26100.000	*	*	*	*	74.000
31320.000	*	*	*	*	74.000
36540.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11650.000	16.158	35.370	51.528	-22.472	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440.000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11650.000	17.274	35.630	52.905	-21.095	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440.000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_MIMO (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11510.000	17.124	35.580	52.704	-21.296	74.000
17265.000	*	*	*	*	74.000
20760.000	*	*	*	*	74.000
25950.000	*	*	*	*	74.000
31140.000	*	*	*	*	74.000
36330.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11510.000	18.081	35.640	53.721	-20.279	74.000
17265.000	*	*	*	*	74.000
20760.000	*	*	*	*	74.000
25950.000	*	*	*	*	74.000
31140.000	*	*	*	*	74.000
36330.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_MIMO (5795MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11590.000	16.701	35.790	52.490	-21.510	74.000
17385.000	*	*	*	*	74.000
20920.000	*	*	*	*	74.000
26150.000	*	*	*	*	74.000
31380.000	*	*	*	*	74.000
36610.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11590.000	17.567	35.480	53.046	-20.954	74.000
17385.000	*	*	*	*	74.000
20920.000	*	*	*	*	74.000
26150.000	*	*	*	*	74.000
31380.000	*	*	*	*	74.000
36610.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11550.000	17.018	36.120	53.139	-20.861	74.000
17325.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average					
Detector:					
--					
Vertical					
Peak Detector:					
11550.000	17.952	35.270	53.223	-20.777	74.000
17325.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average					
Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
167.740	-10.799	36.168	25.369	-18.131	43.500
288.020	-4.579	36.660	32.081	-13.919	46.000
458.740	0.833	29.213	30.046	-15.954	46.000
532.460	1.957	28.130	30.087	-15.913	46.000
800.180	5.141	26.180	31.321	-14.679	46.000
984.480	7.679	21.552	29.231	-24.769	54.000
Vertical					
Peak Detector					
152.220	-6.215	31.777	25.562	-17.938	43.500
264.740	-7.681	40.139	32.458	-13.542	46.000
454.860	-5.499	32.201	26.701	-19.299	46.000
629.460	-3.720	28.626	24.906	-21.094	46.000
796.300	2.831	29.973	32.804	-13.196	46.000
965.080	7.932	20.995	28.927	-25.073	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_MIMO (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
210.420	-10.427	38.910	28.483	-15.017	43.500
363.680	0.189	33.772	33.961	-12.039	46.000
483.960	1.462	38.174	39.636	-6.364	46.000
625.580	1.419	36.956	38.376	-7.624	46.000
784.660	5.526	32.238	37.764	-8.236	46.000
949.560	7.036	23.409	30.445	-15.555	46.000
Vertical					
Peak Detector					
183.260	-3.735	31.665	27.930	-15.570	43.500
272.500	-6.388	39.717	33.329	-12.671	46.000
412.180	-5.121	41.204	36.083	-9.917	46.000
619.760	0.474	35.602	36.076	-9.924	46.000
759.440	2.110	35.674	37.784	-8.216	46.000
930.160	3.830	32.412	36.242	-9.758	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
173.560	-9.543	37.789	28.246	-15.254	43.500
324.880	-4.510	38.345	33.835	-12.165	46.000
441.280	0.444	35.161	35.605	-10.395	46.000
598.420	3.524	34.461	37.985	-8.015	46.000
773.020	5.145	31.634	36.779	-9.221	46.000
941.800	6.790	24.365	31.155	-14.845	46.000
Vertical					
Peak Detector					
194.900	-5.673	33.500	27.827	-15.673	43.500
350.100	-1.278	35.584	34.306	-11.694	46.000
482.020	-3.046	37.911	34.865	-11.135	46.000
629.460	-1.028	38.652	37.624	-8.376	46.000
800.180	2.637	34.437	37.074	-8.926	46.000
953.440	3.015	25.136	28.151	-17.849	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11490.000	17.106	35.640	52.747	-21.253	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11490.000	18.034	35.470	53.505	-20.495	74.000
17235.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11570.000	16.809	35.480	52.289	-21.711	74.000
17355.000	*	*	*	*	74.000
20880.000	*	*	*	*	74.000
26100.000	*	*	*	*	74.000
31320.000	*	*	*	*	74.000
36540.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11570.000	17.698	36.080	53.778	-20.222	74.000
17355.000	*	*	*	*	74.000
20880.000	*	*	*	*	74.000
26100.000	*	*	*	*	74.000
31320.000	*	*	*	*	74.000
36540.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11650.000	16.158	35.490	51.648	-22.352	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440.000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11650.000	17.274	35.570	52.845	-21.155	74.000
17475.000	*	*	*	*	74.000
20960.000	*	*	*	*	74.000
26200.000	*	*	*	*	74.000
31440.000	*	*	*	*	74.000
36680.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_Beamforming (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11510.000	17.124	35.580	52.704	-21.296	74.000
17265.000	*	*	*	*	74.000
20760.000	*	*	*	*	74.000
25950.000	*	*	*	*	74.000
31140.000	*	*	*	*	74.000
36330.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11510.000	18.081	35.620	53.701	-20.299	74.000
17265.000	*	*	*	*	74.000
20760.000	*	*	*	*	74.000
25950.000	*	*	*	*	74.000
31140.000	*	*	*	*	74.000
36330.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_Beamforming (5795MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11590.000	16.701	35.750	52.450	-21.550	74.000
17385.000	*	*	*	*	74.000
20920.000	*	*	*	*	74.000
26150.000	*	*	*	*	74.000
31380.000	*	*	*	*	74.000
36610.000	*	*	*	*	74.000
Average Detector:					
--					
Vertical					
Peak Detector:					
11590.000	17.567	35.430	52.996	-21.004	74.000
17385.000	*	*	*	*	74.000
20920.000	*	*	*	*	74.000
26150.000	*	*	*	*	74.000
31380.000	*	*	*	*	74.000
36610.000	*	*	*	*	74.000
Average Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector:					
11550.000	17.018	36.120	53.139	-20.861	74.000
17325.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average					
Detector:					
--					
Vertical					
Peak Detector:					
11550.000	17.952	35.290	53.243	-20.757	74.000
17325.000	*	*	*	*	74.000
20720.000	*	*	*	*	74.000
25900.000	*	*	*	*	74.000
31080.000	*	*	*	*	74.000
36260.000	*	*	*	*	74.000
Average					
Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
202.660	-10.183	41.337	31.155	-12.345	43.500
322.940	-4.536	38.916	34.381	-11.619	46.000
476.200	1.988	35.890	37.878	-8.122	46.000
617.820	2.438	35.103	37.541	-8.459	46.000
769.140	5.118	31.467	36.585	-9.415	46.000
941.800	6.790	23.844	30.634	-15.366	46.000
Vertical					
Peak Detector					
187.140	-5.607	30.619	25.012	-18.488	43.500
319.060	-4.135	35.922	31.787	-14.213	46.000
474.260	-3.486	40.626	37.140	-8.860	46.000
631.400	-1.454	34.336	32.882	-13.118	46.000
796.300	2.639	35.890	38.529	-7.471	46.000
968.960	3.936	28.193	32.129	-21.871	54.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_Beamforming (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
167.740	-9.816	38.385	28.569	-14.931	43.500
326.820	-4.499	38.054	33.555	-12.445	46.000
449.040	0.386	37.765	38.151	-7.849	46.000
631.400	1.266	35.481	36.747	-9.253	46.000
769.140	5.118	32.463	37.581	-8.419	46.000
945.680	6.910	22.403	29.313	-16.687	46.000
Vertical					
Peak Detector					
200.720	-5.676	34.764	29.088	-14.412	43.500
361.740	-0.646	33.760	33.113	-12.887	46.000
501.420	-0.101	38.374	38.273	-7.727	46.000
660.500	-1.111	37.368	36.257	-9.743	46.000
811.820	2.851	30.683	33.534	-12.466	46.000
968.960	3.936	25.296	29.232	-24.768	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
167.740	-9.816	37.930	28.114	-15.386	43.500
299.660	-4.751	37.216	32.465	-13.535	46.000
429.640	0.630	38.180	38.809	-7.191	46.000
588.720	3.289	35.782	39.071	-6.929	46.000
765.260	5.091	32.720	37.811	-8.189	46.000
937.920	6.750	26.168	32.918	-13.082	46.000
Vertical					
Peak Detector					
177.440	-1.248	32.033	30.785	-12.715	43.500
313.240	-4.090	37.408	33.318	-12.682	46.000
480.080	-3.390	37.904	34.514	-11.486	46.000
610.060	2.087	36.403	38.490	-7.510	46.000
776.900	2.067	37.077	39.144	-6.856	46.000
974.780	-2.051	31.984	29.933	-24.067	54.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz

6. Band Edge

6.1. Test Equipment

RF Radiated Measurement:

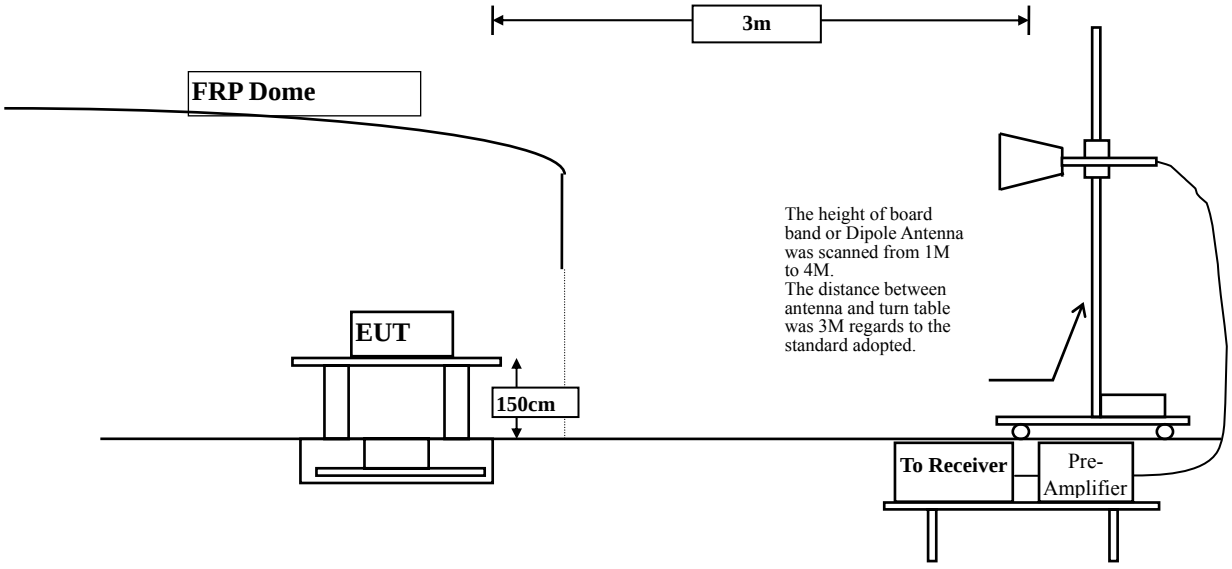
The following test equipments are used during the band edge tests:

Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.
☒CB # 8	X	Spectrum Analyzer	R&S	FSP40/ 100339	Oct., 2014
	X	Horn Antenna	ETS-Lindgren	3117/ 35205	Mar., 2015
	X	Horn Antenna	Schwarzbeck	BBHA9170/209	Jan., 2015
	X	Horn Antenna	TRC	AH-0801/95051	Aug., 2015
	X	Pre-Amplifier	EMCI	EMC012630SE/980210	Jan., 2015
	X	Pre-Amplifier	MITEQ	JS41-001040000-58-5P/153945	Jul., 2015
	X	Pre-Amplifier	NARDA	DBL-1840N506/013	Jul., 2015

Note: 1. All instruments are calibrated every one year.
2. The test instruments marked by "X" are used to measure the final test results.

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks : 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

6.4. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz.

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

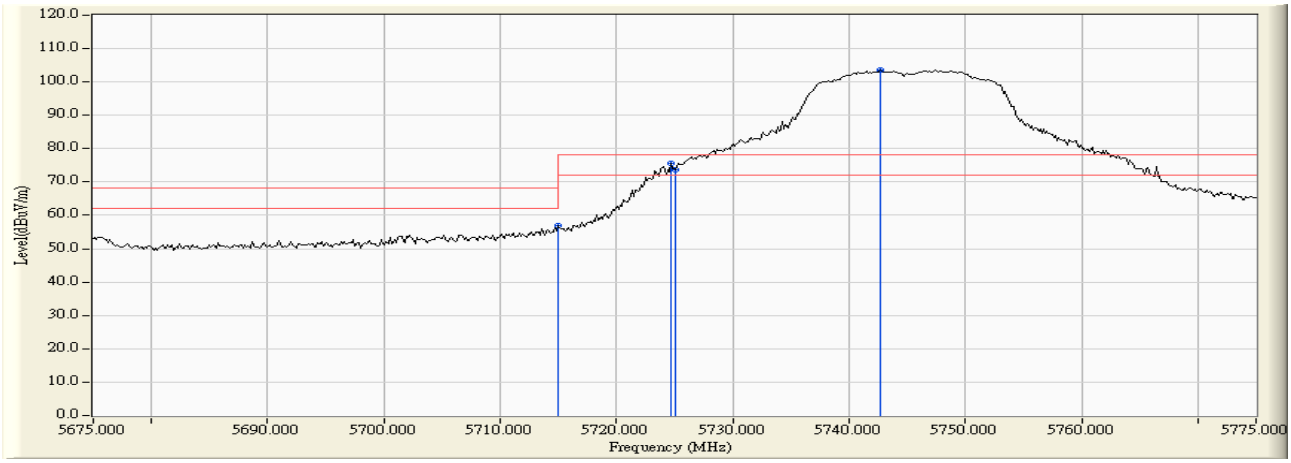
6.5. Uncertainty

± 3.8 dB below 1GHz

± 3.9 dB above 1GHz

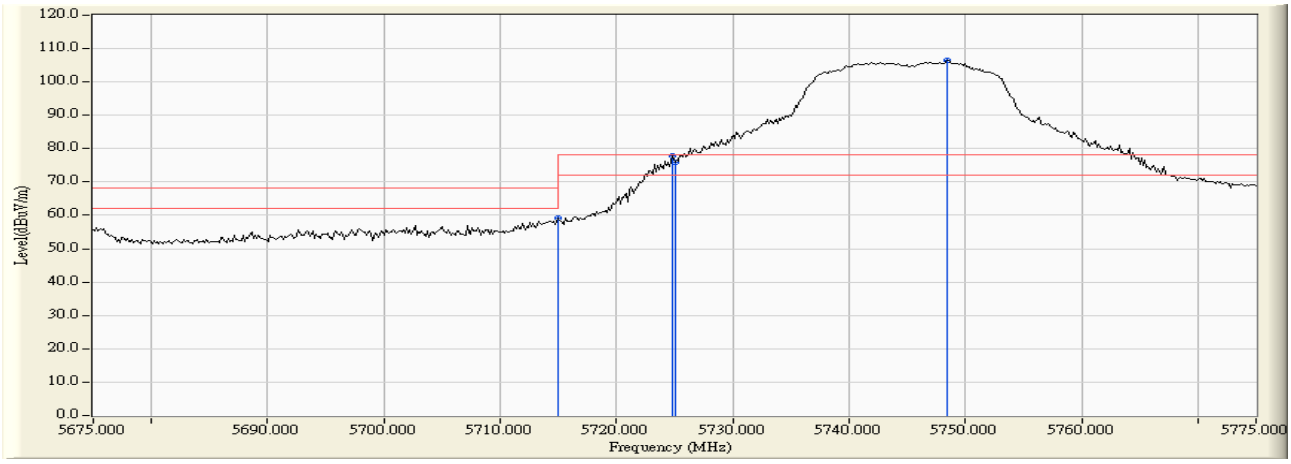
6.6. Test Result of Band Edge

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A-Channel 149



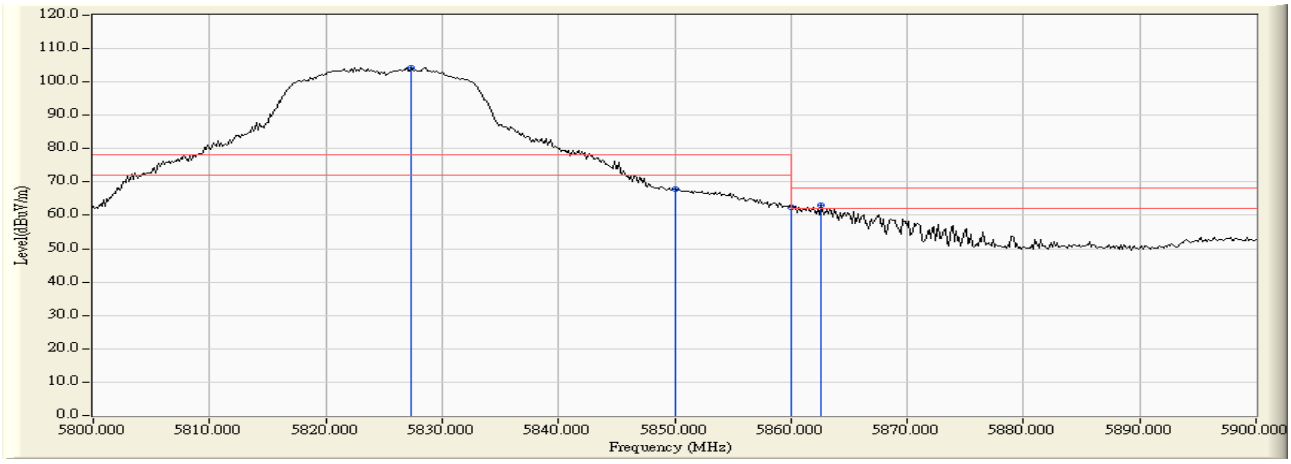
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5715.000	4.652	52.183	56.835	-11.385	68.220	Pass
Horizontal	5724.710	4.654	70.945	75.599	-2.621	78.220	Pass
Horizontal	5725.000	4.654	69.173	73.827	-4.393	78.220	Pass
Horizontal	5742.681	4.657	98.974	103.630	25.410	78.220	Pass



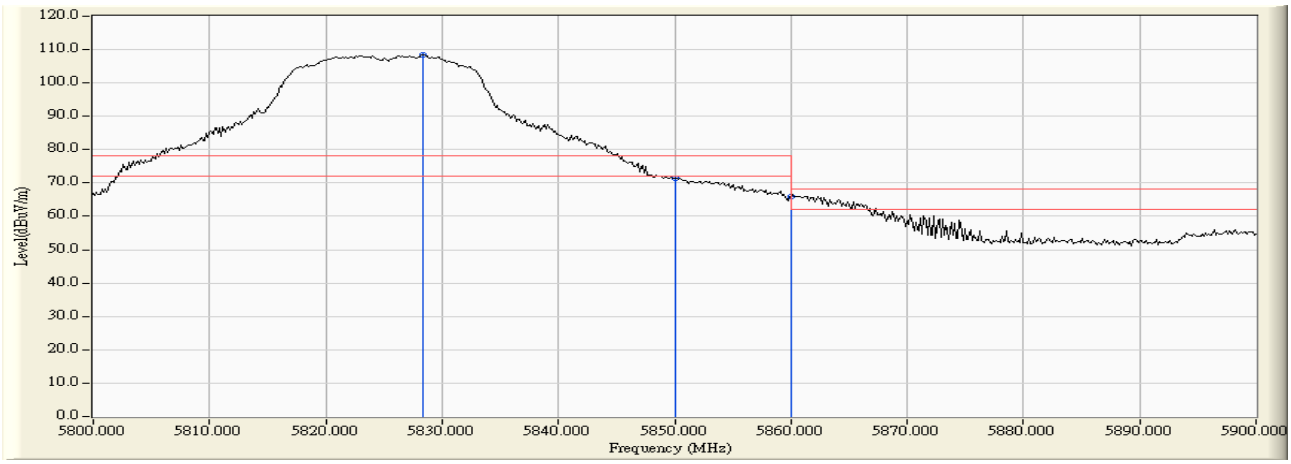
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	53.297	59.291	-8.929	68.220	Pass
Vertical	5724.855	5.993	71.863	77.856	-0.364	78.220	Pass
Vertical	5725.000	5.992	70.091	76.084	-2.136	78.220	Pass
Vertical	5748.478	5.988	100.478	106.466	28.246	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A-Channel 165



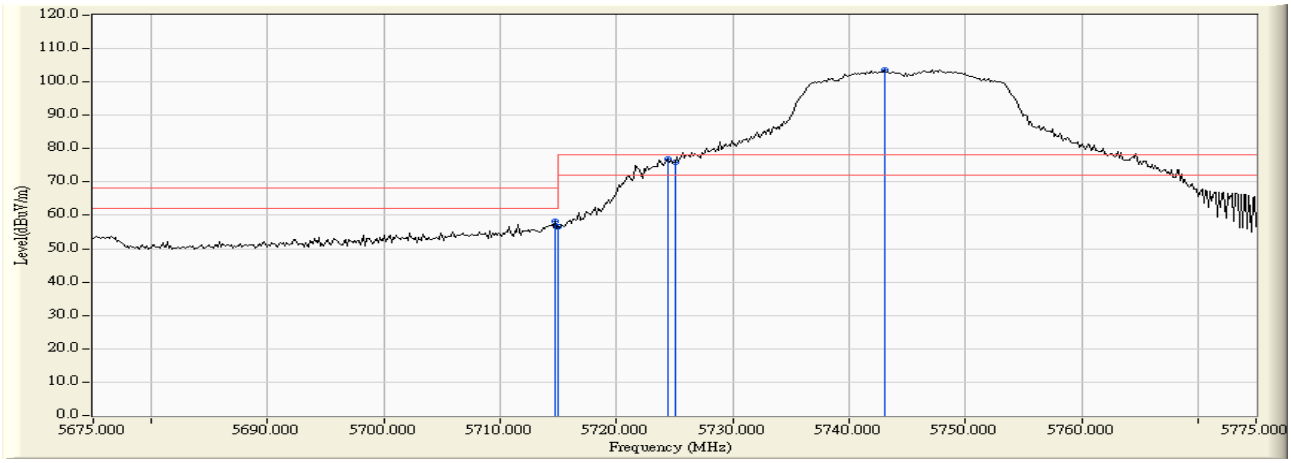
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5827.391	4.828	99.442	104.270	26.050	78.220	--
Horizontal	5850.000	4.964	62.913	67.877	-10.343	78.220	Pass
Horizontal	5860.000	5.023	57.272	62.295	-5.925	68.220	Pass
Horizontal	5862.609	5.038	57.979	63.017	-5.203	68.220	Pass



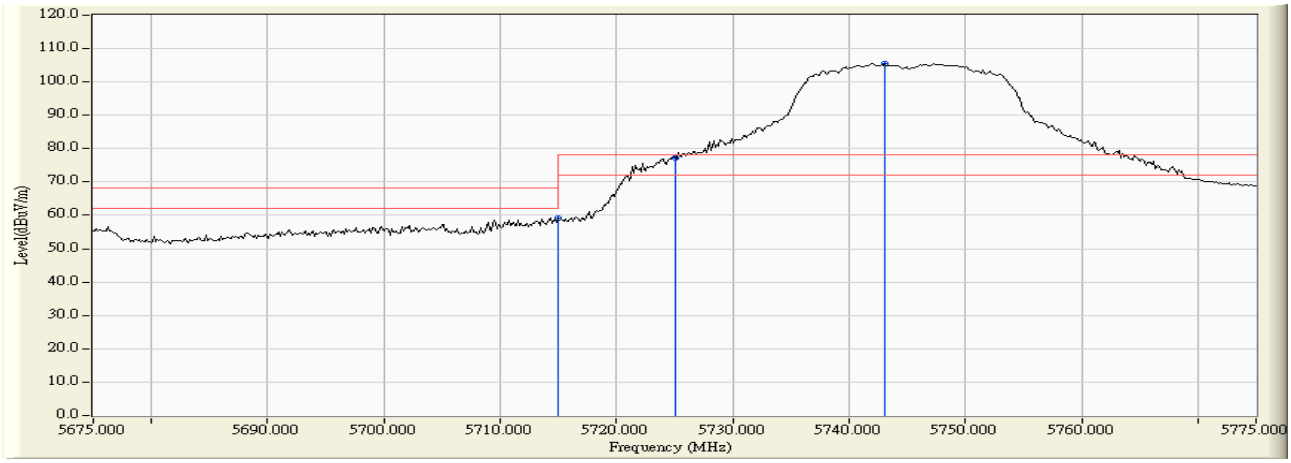
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5828.406	6.011	102.540	108.551	30.331	78.220	Pass
Vertical	5850.000	6.037	65.390	71.427	-6.793	78.220	Pass
Vertical	5860.000	6.047	59.900	65.947	-2.273	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A -Channel 149



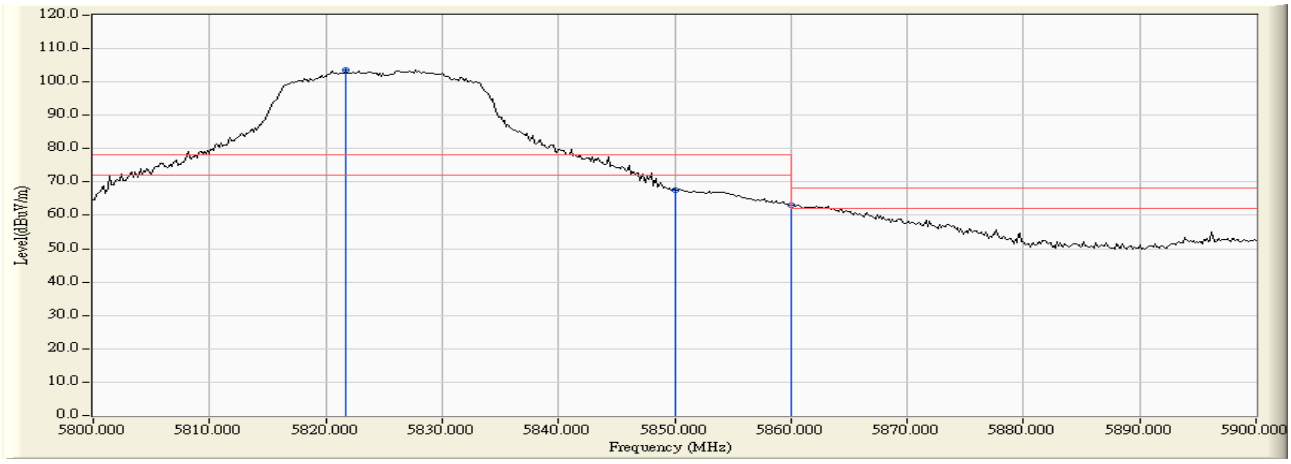
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5714.710	4.652	53.459	58.111	-10.109	68.220	Pass
Horizontal	5715.000	4.652	51.901	56.553	-11.667	68.220	Pass
Horizontal	5724.420	4.654	72.104	76.758	-1.462	78.220	Pass
Horizontal	5725.000	4.654	71.295	75.949	-2.271	78.220	Pass
Horizontal	5743.116	4.656	99.049	103.705	25.485	78.220	Pass



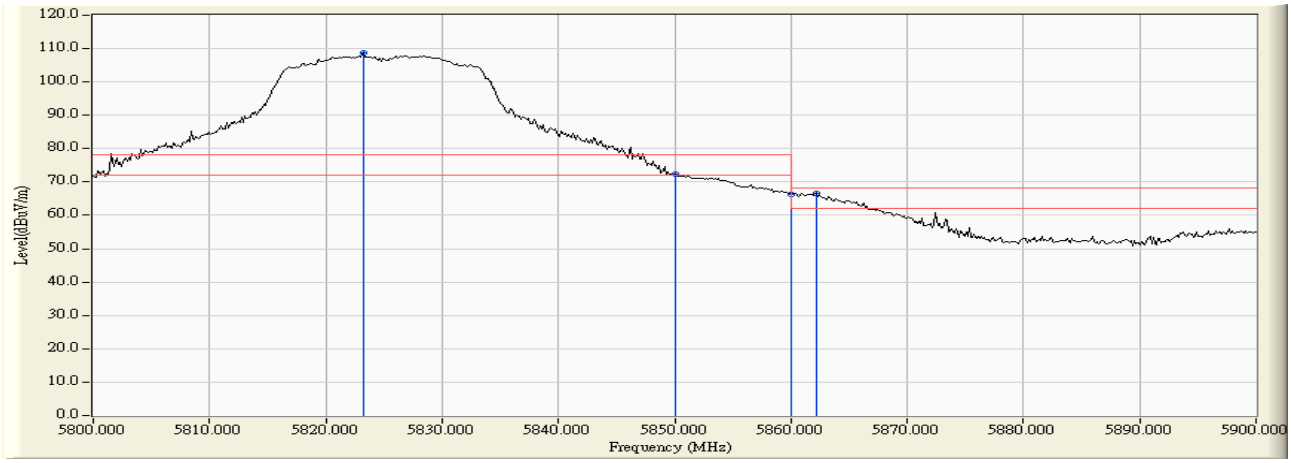
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	53.281	59.275	-8.945	68.220	Pass
Vertical	5725.000	5.992	71.282	77.275	-0.945	78.220	Pass
Vertical	5743.116	5.989	99.651	105.640	27.420	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A -Channel 165



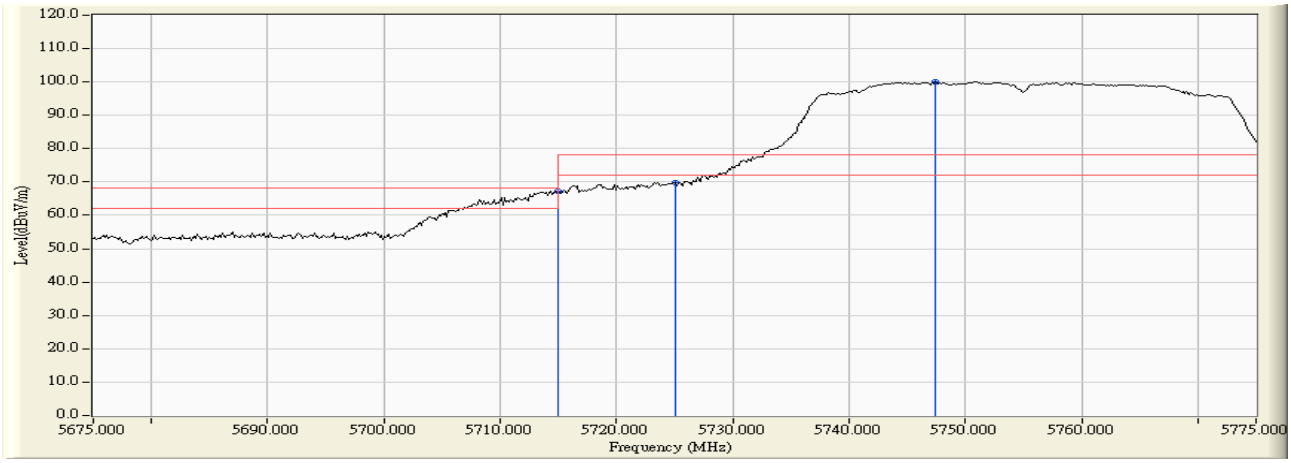
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5821.739	4.795	98.779	103.574	25.354	78.220	Pass
Horizontal	5850.000	4.964	62.737	67.701	-10.519	78.220	Pass
Horizontal	5860.000	5.023	57.967	62.990	-5.230	68.220	Pass



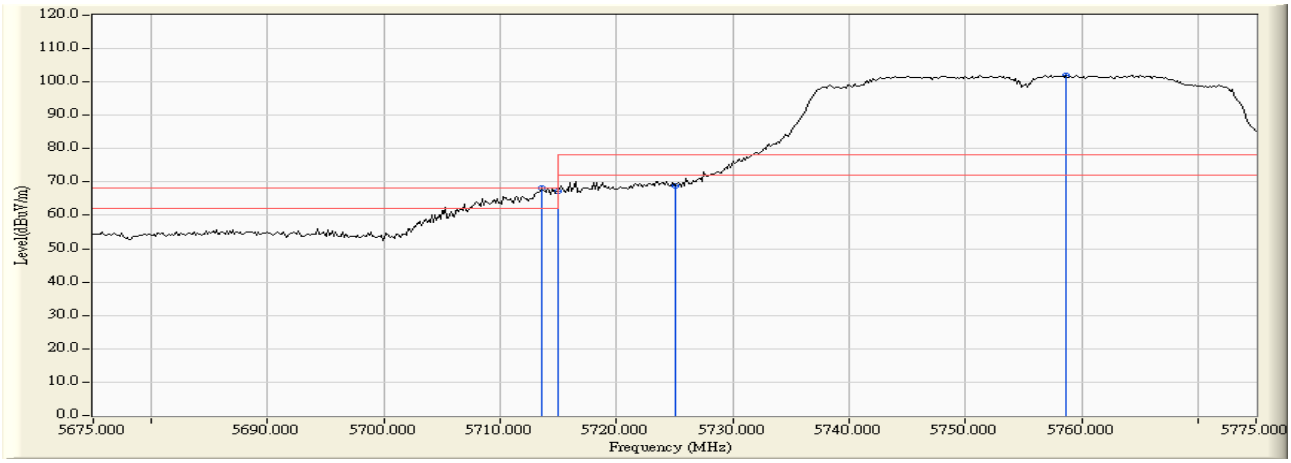
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5823.188	6.005	102.669	108.674	30.454	78.220	Pass
Vertical	5850.000	6.037	66.208	72.245	-5.975	78.220	Pass
Vertical	5860.000	6.047	60.341	66.388	-1.832	68.220	Pass
Vertical	5862.174	6.050	60.438	66.488	-1.732	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A -Channel 151



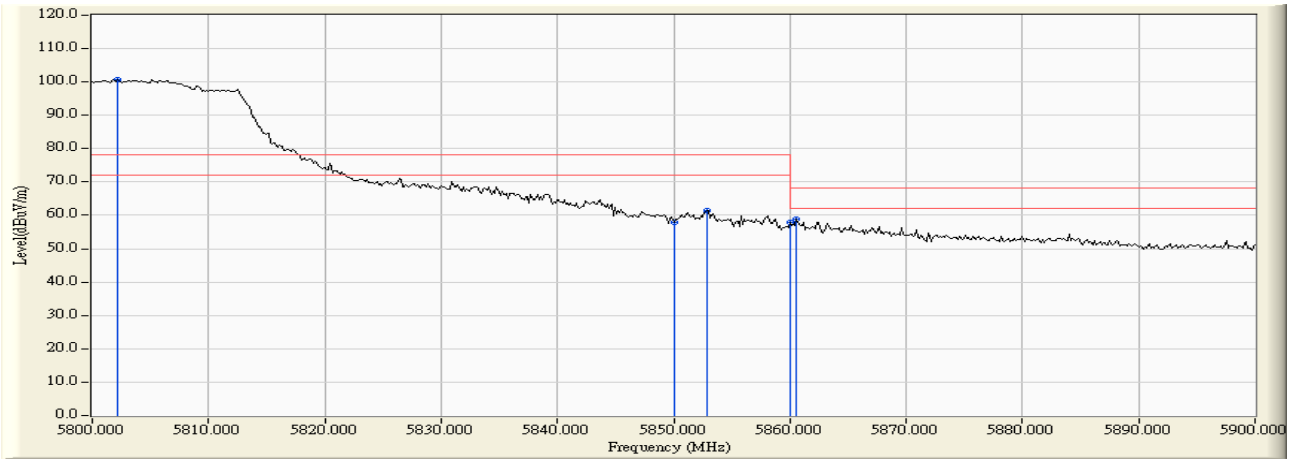
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5715.000	4.652	62.636	67.288	-0.932	68.220	Pass
Horizontal	5725.000	4.654	65.097	69.751	-8.469	78.220	Pass
Horizontal	5747.464	4.657	95.414	100.071	21.851	78.220	Pass



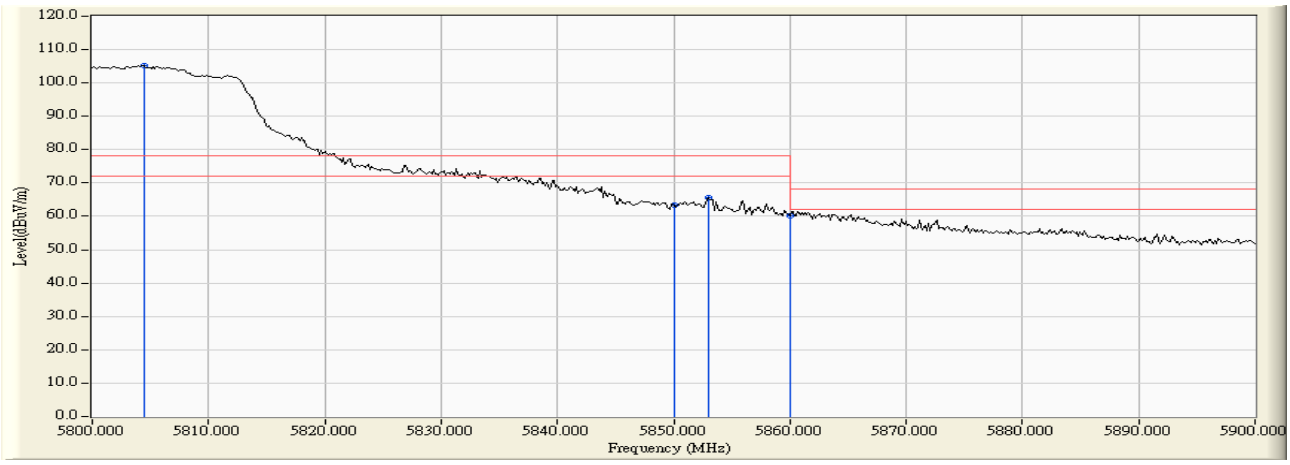
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5713.551	5.994	62.094	68.088	-0.132	68.220	Pass
Vertical	5715.000	5.994	61.159	67.153	-1.067	68.220	Pass
Vertical	5725.000	5.992	62.813	68.806	-9.414	78.220	Pass
Vertical	5758.623	5.986	96.156	102.142	23.922	78.220	--

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A -Channel 159



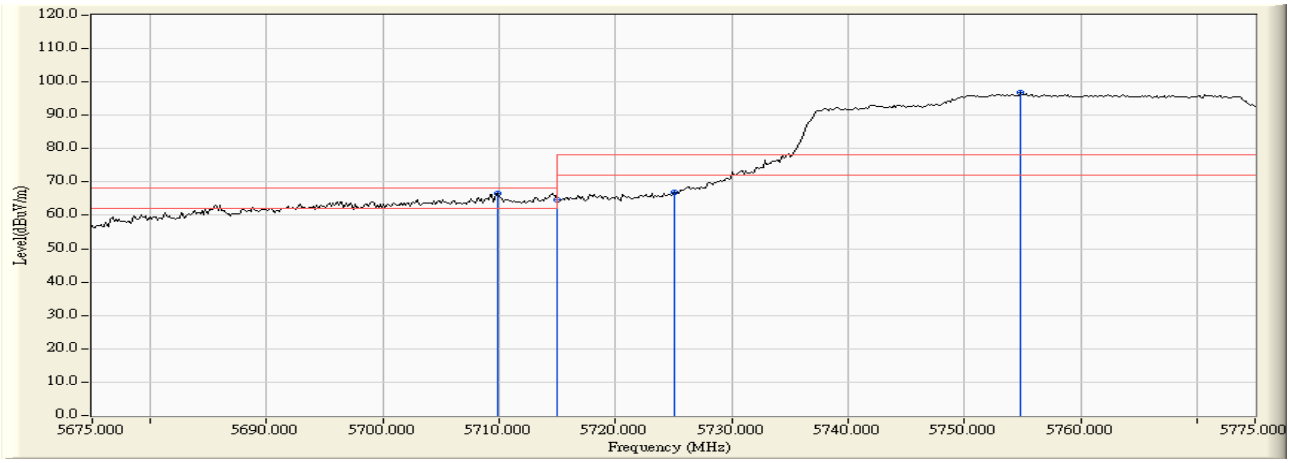
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5802.174	4.693	95.936	100.629	22.409	78.220	Pass
Horizontal	5850.000	4.964	52.979	57.943	-20.277	78.220	Pass
Horizontal	5852.899	4.981	56.549	61.530	-16.690	78.220	Pass
Horizontal	5860.000	5.023	52.894	57.917	-10.303	68.220	Pass
Horizontal	5860.580	5.027	53.951	58.977	-9.243	68.220	Pass



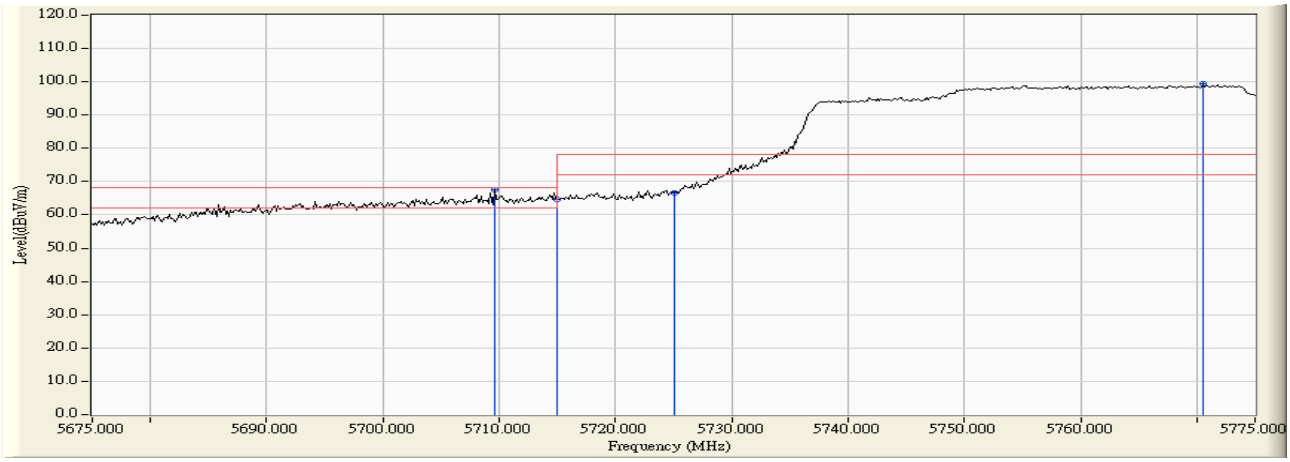
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5804.493	5.984	99.172	105.156	26.936	78.220	Pass
Vertical	5850.000	6.037	57.213	63.250	-14.970	78.220	Pass
Vertical	5853.043	6.040	59.480	65.520	-12.700	78.220	Pass
Vertical	5860.000	6.047	54.061	60.108	-8.112	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A-Channel 155



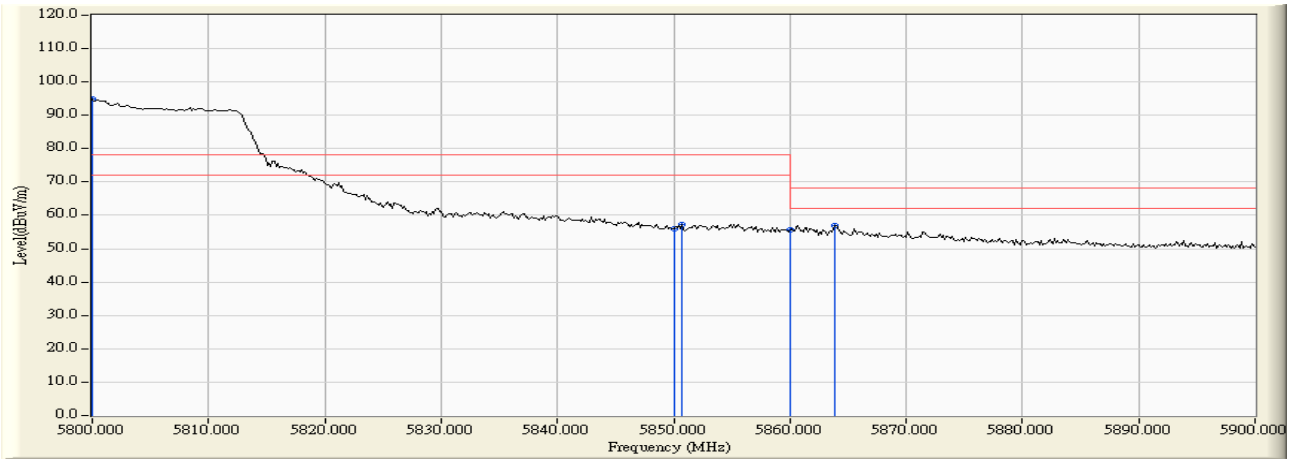
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5709.928	4.651	61.848	66.499	-1.721	68.220	Pass
Horizontal	5715.000	4.652	59.930	64.582	-3.638	68.220	Pass
Horizontal	5725.000	4.654	62.393	67.047	-11.173	78.220	Pass
Horizontal	5754.855	4.658	92.109	96.767	18.547	78.220	Pass



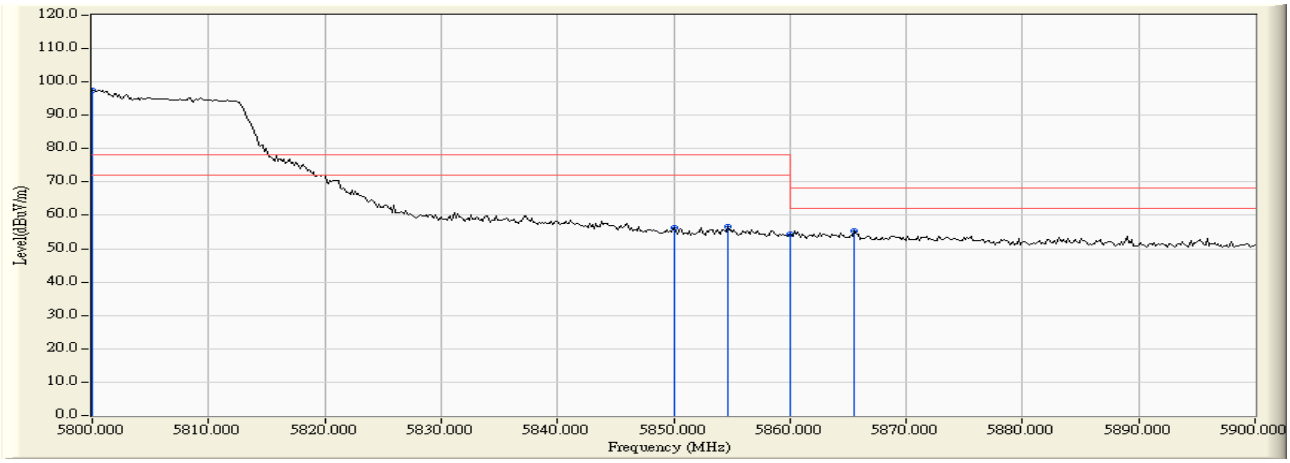
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5709.638	5.994	61.623	67.617	-0.603	68.220	Pass
Vertical	5715.000	5.994	58.611	64.605	-3.615	68.220	Pass
Vertical	5725.000	5.992	60.549	66.542	-11.678	78.220	Pass
Vertical	5770.507	5.983	93.522	99.505	21.285	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A-Channel 155



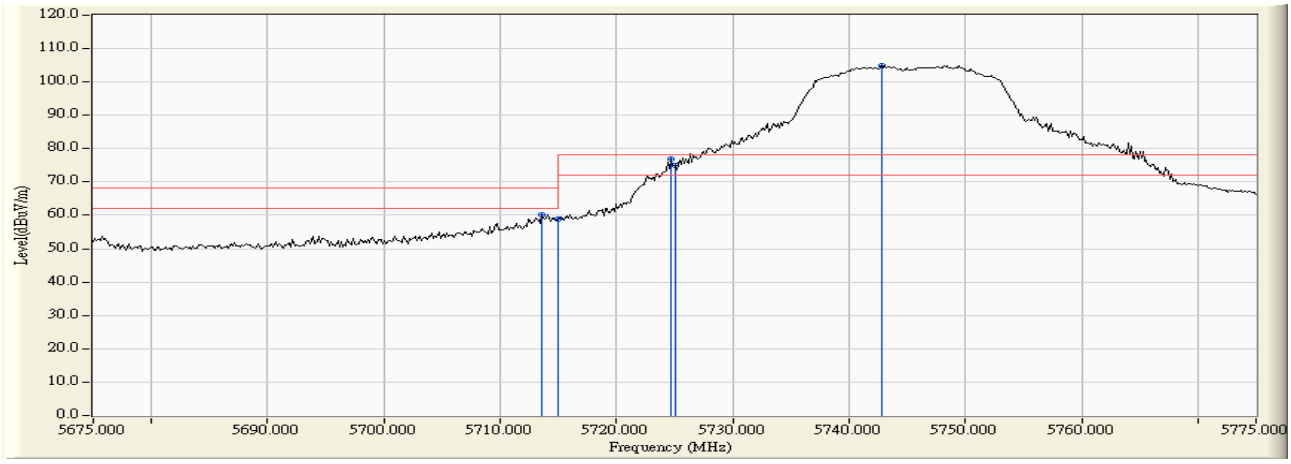
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5800.000	4.683	90.106	94.789	16.569	78.220	Pass
Horizontal	5850.000	4.964	50.991	55.955	-22.265	78.220	Pass
Horizontal	5850.725	4.968	52.316	57.284	-20.936	78.220	Pass
Horizontal	5860.000	5.023	50.536	55.559	-12.661	68.220	Pass
Horizontal	5863.913	5.046	51.960	57.006	-11.214	68.220	Pass



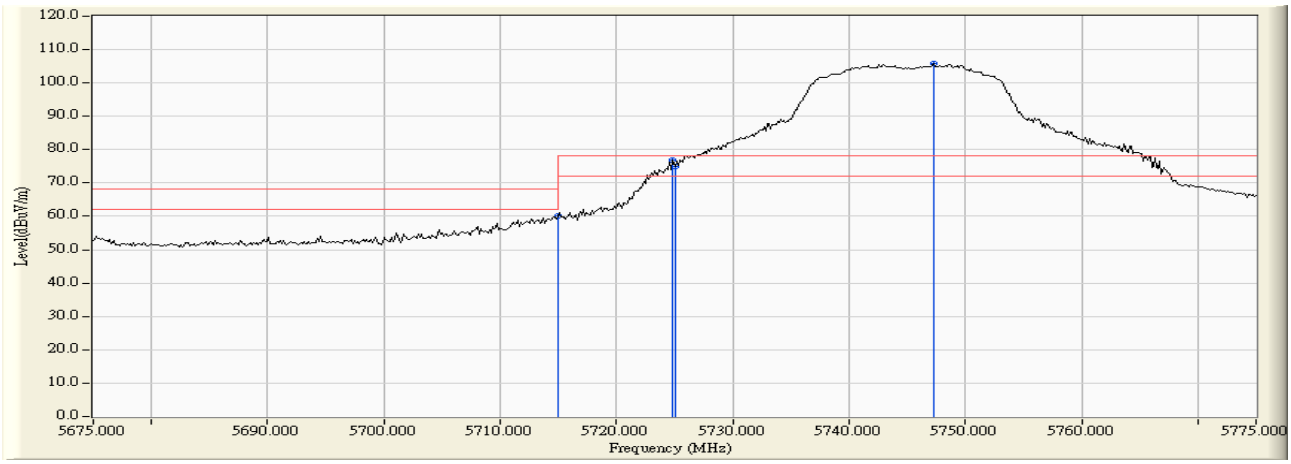
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5800.000	5.979	91.621	97.599	19.379	78.220	Pass
Vertical	5850.000	6.037	50.130	56.167	-22.053	78.220	Pass
Vertical	5854.638	6.041	50.596	56.638	-21.582	78.220	Pass
Vertical	5860.000	6.047	48.310	54.357	-13.863	68.220	Pass
Vertical	5865.507	6.052	49.181	55.234	-12.986	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B-Channel 149



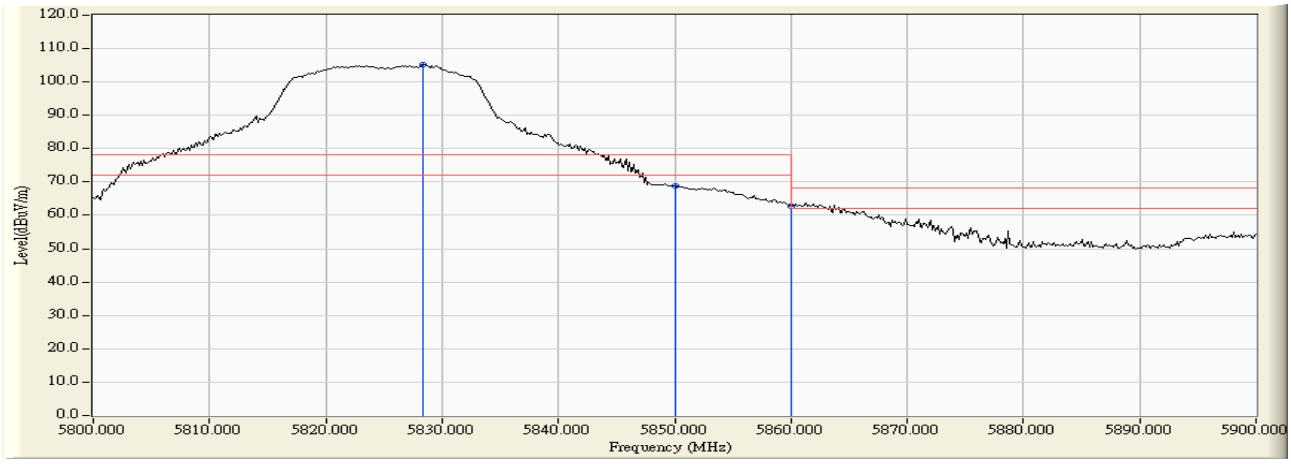
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5713.551	4.651	55.640	60.292	-7.928	68.220	Pass
Horizontal	5715.000	4.652	54.108	58.760	-9.460	68.220	Pass
Horizontal	5724.710	4.654	72.255	76.909	-1.311	78.220	Pass
Horizontal	5725.000	4.654	70.360	75.014	-3.206	78.220	Pass
Horizontal	5742.826	4.656	100.363	105.019	26.799	78.220	Pass



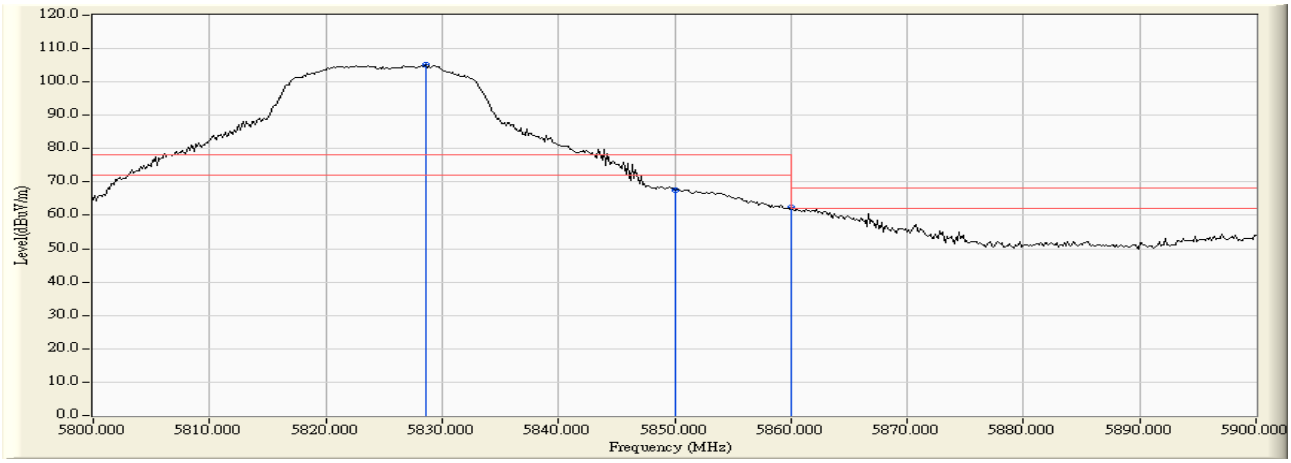
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	54.062	60.056	-8.164	68.220	Pass
Vertical	5724.855	5.993	70.935	76.928	-1.292	78.220	Pass
Vertical	5725.000	5.992	68.926	74.919	-3.301	78.220	Pass
Vertical	5747.319	5.988	99.890	105.878	27.658	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B-Channel 165



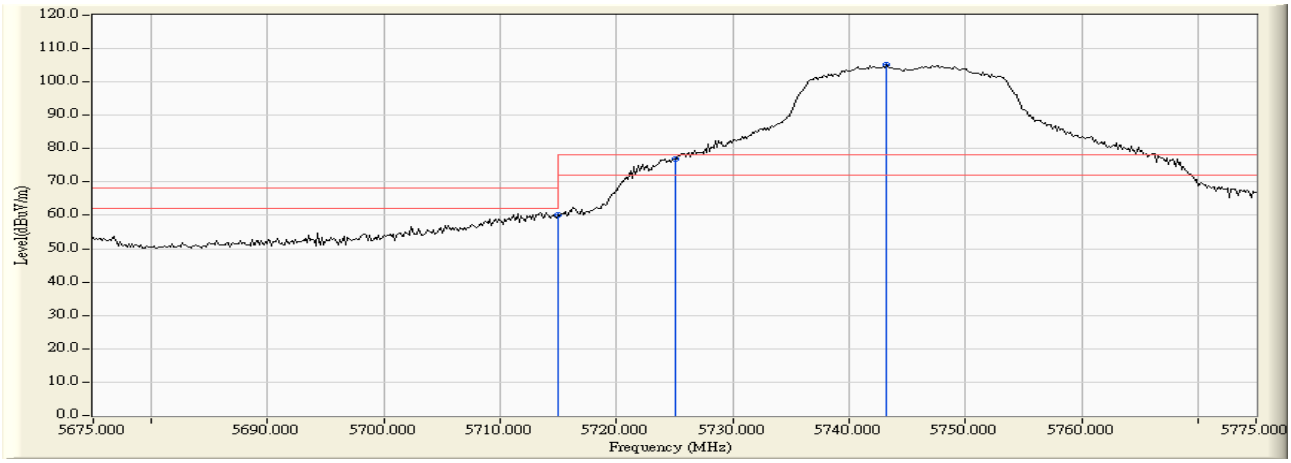
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5828.406	4.834	100.493	105.327	27.107	78.220	Pass
Horizontal	5850.000	4.964	63.852	68.816	-9.404	78.220	Pass
Horizontal	5860.000	5.023	57.830	62.853	-5.367	68.220	Pass



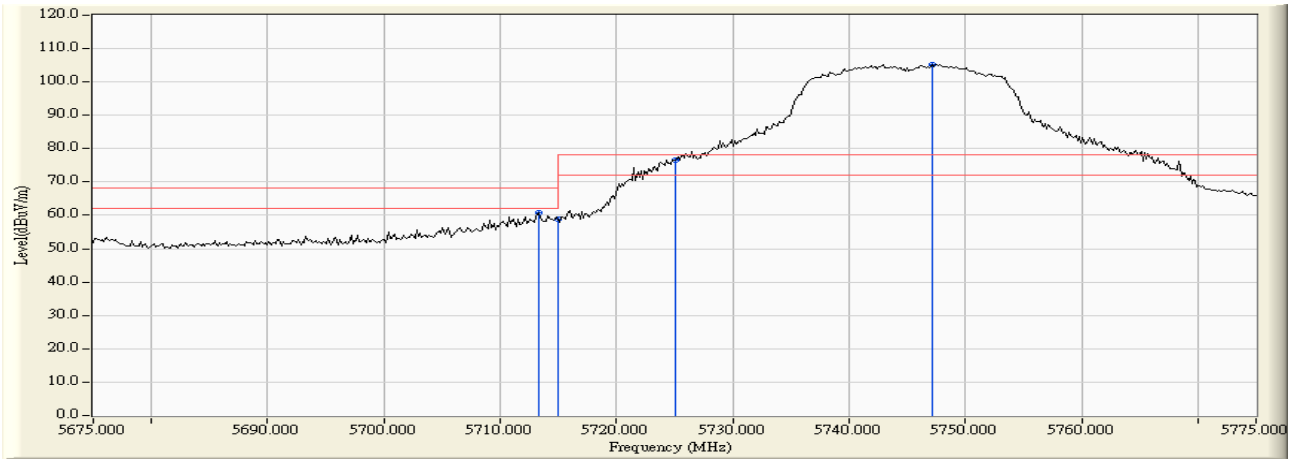
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5828.551	6.011	99.234	105.245	27.025	78.220	Pass
Vertical	5850.000	6.037	61.538	67.575	-10.645	78.220	Pass
Vertical	5860.000	6.047	56.214	62.261	-5.959	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B-Channel 149



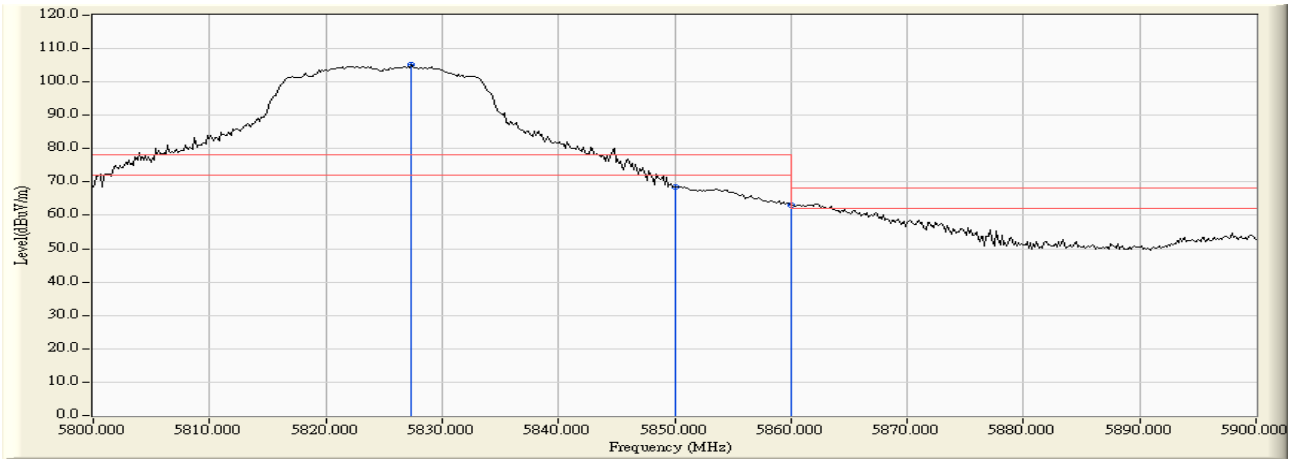
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5715.000	4.652	55.408	60.060	-8.160	68.220	Pass
Horizontal	5725.000	4.654	72.184	76.838	-1.382	78.220	Pass
Horizontal	5743.261	4.656	100.679	105.335	27.115	78.220	Pass



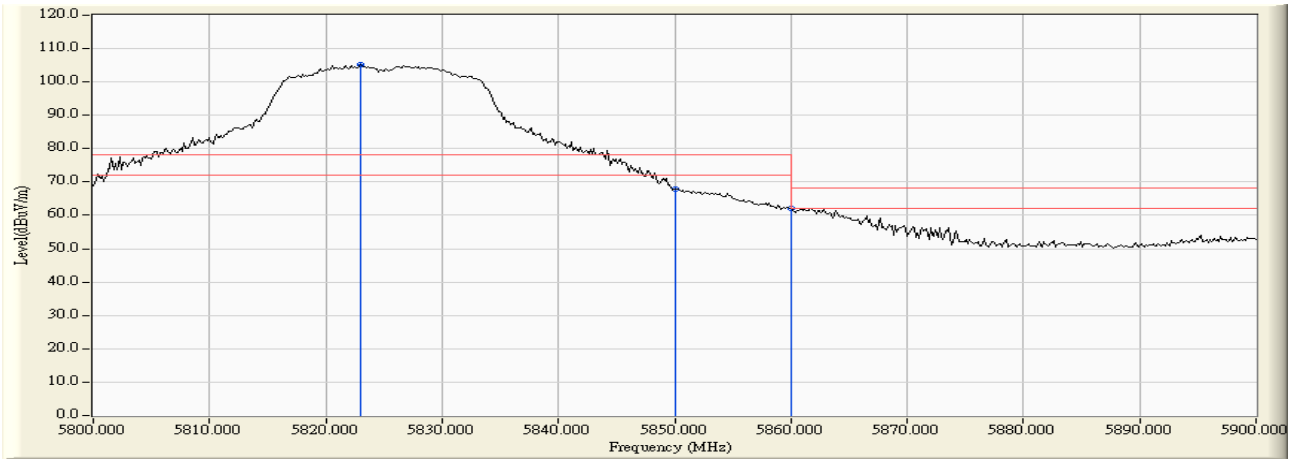
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5713.261	5.995	54.693	60.687	-7.533	68.220	Pass
Vertical	5715.000	5.994	52.846	58.840	-9.380	68.220	Pass
Vertical	5725.000	5.992	70.455	76.448	-1.772	78.220	Pass
Vertical	5747.174	5.987	99.221	105.209	26.989	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B-Channel 165



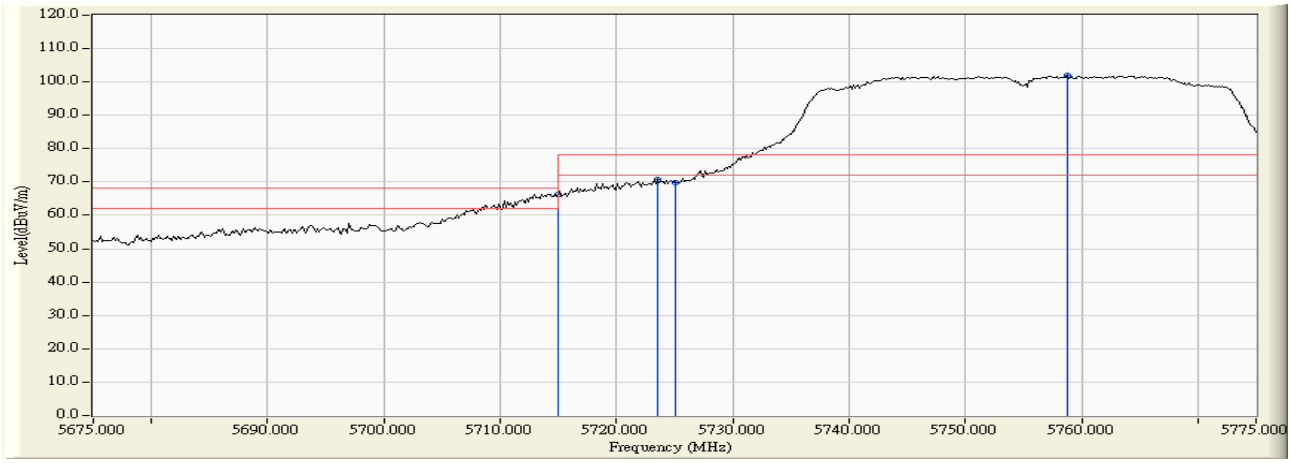
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5827.391	4.828	100.297	105.125	26.905	78.220	Pass
Horizontal	5850.000	4.964	63.714	68.678	-9.542	78.220	Pass
Horizontal	5860.000	5.023	58.047	63.070	-5.150	68.220	Pass



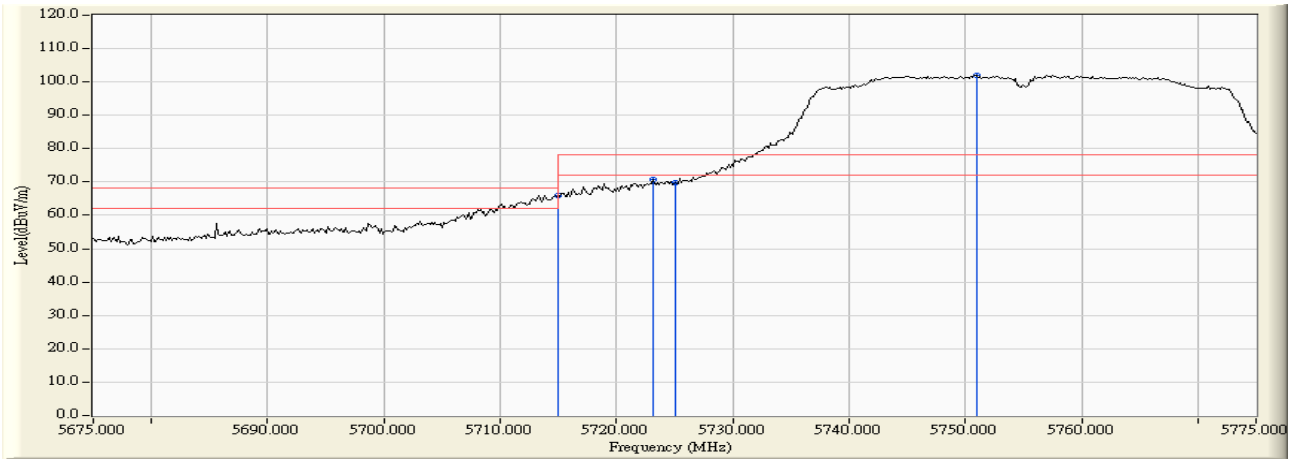
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5823.043	6.005	99.197	105.202	26.982	78.220	Pass
Vertical	5850.000	6.037	61.950	67.987	-10.233	78.220	Pass
Vertical	5860.000	6.047	55.981	62.028	-6.192	68.220	Pass
Vertical	5862.174	6.050	60.438	66.488	-1.732	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B-Channel 151



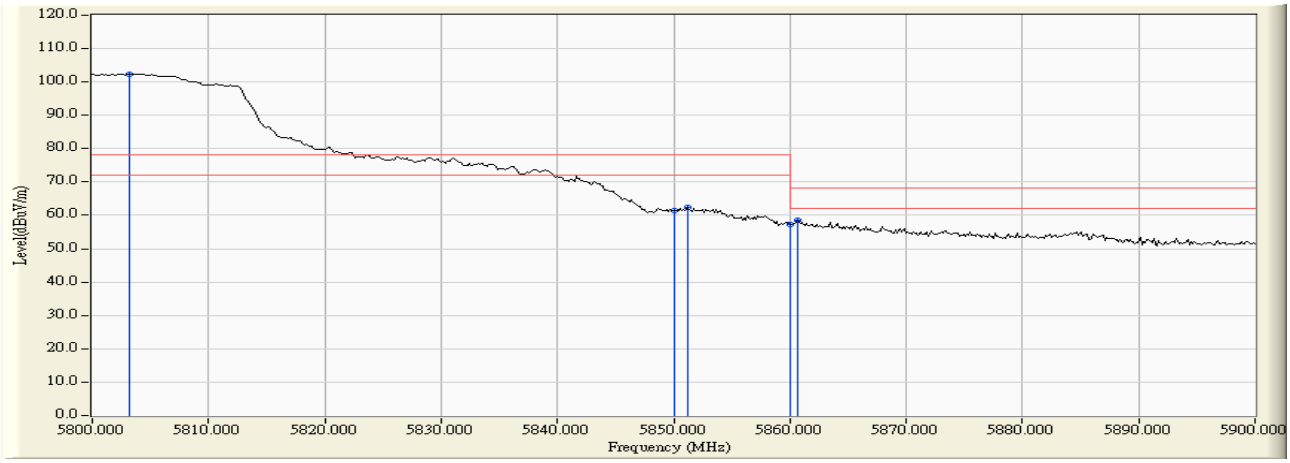
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5715.000	4.652	61.659	66.311	-1.909	68.220	Pass
Horizontal	5723.551	4.654	66.167	70.821	-7.399	78.220	Pass
Horizontal	5725.000	4.654	65.216	69.870	-8.350	78.220	Pass
Horizontal	5758.768	4.658	97.399	102.058	23.838	78.220	Pass



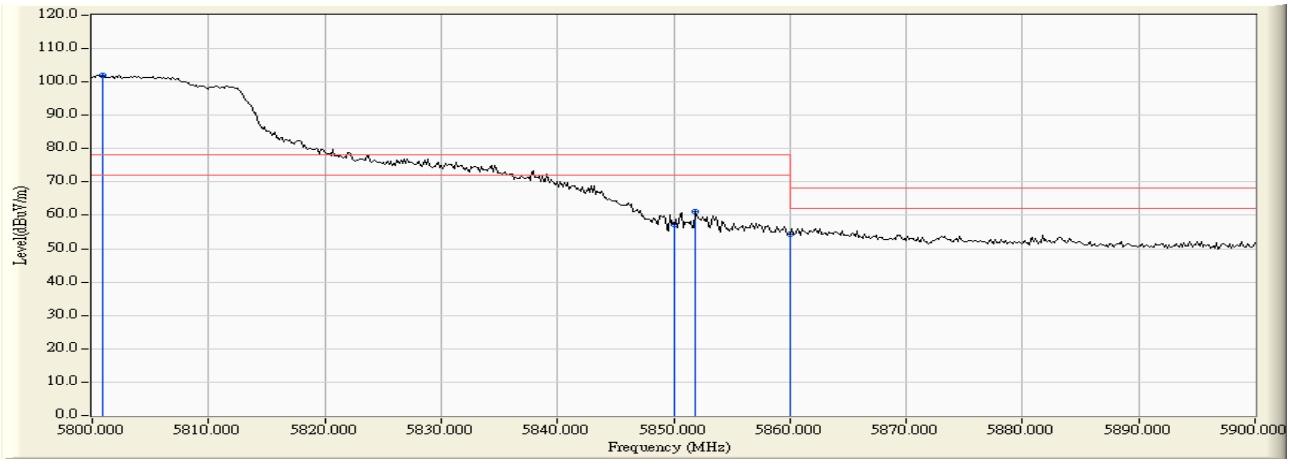
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	59.822	65.816	-2.404	68.220	Pass
Vertical	5723.116	5.992	64.928	70.921	-7.299	78.220	Pass
Vertical	5725.000	5.992	63.762	69.755	-8.465	78.220	Pass
Vertical	5750.942	5.987	96.028	102.015	23.795	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B-Channel 159



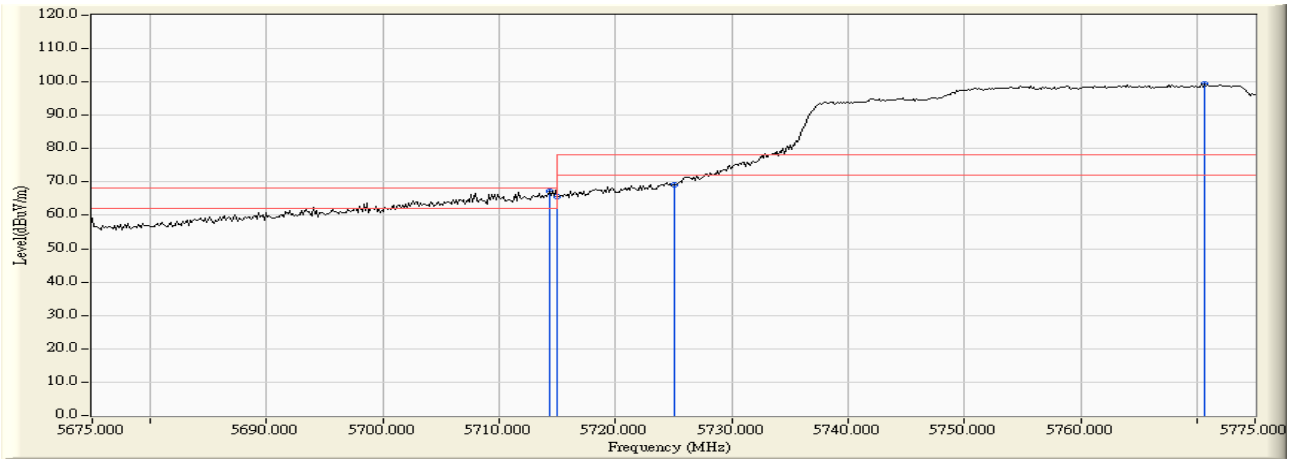
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5803.188	4.697	97.757	102.454	24.234	78.220	Pass
Horizontal	5850.000	4.964	56.625	61.589	-16.631	78.220	Pass
Horizontal	5851.159	4.971	57.490	62.461	-15.759	78.220	Pass
Horizontal	5860.000	5.023	52.365	57.388	-10.832	68.220	Pass
Horizontal	5860.725	5.027	53.543	58.570	-9.650	68.220	Pass



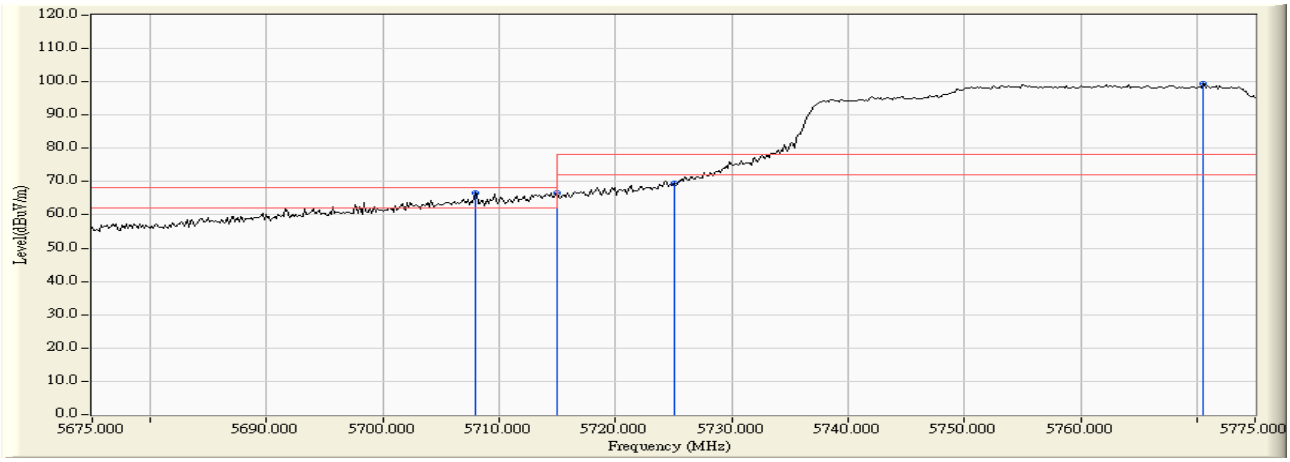
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5800.870	5.980	96.026	102.006	23.786	78.220	Pass
Vertical	5850.000	6.037	51.309	57.346	-20.874	78.220	Pass
Vertical	5851.884	6.039	54.959	60.998	-17.222	78.220	Pass
Vertical	5860.000	6.047	48.363	54.410	-13.810	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B-Channel 155



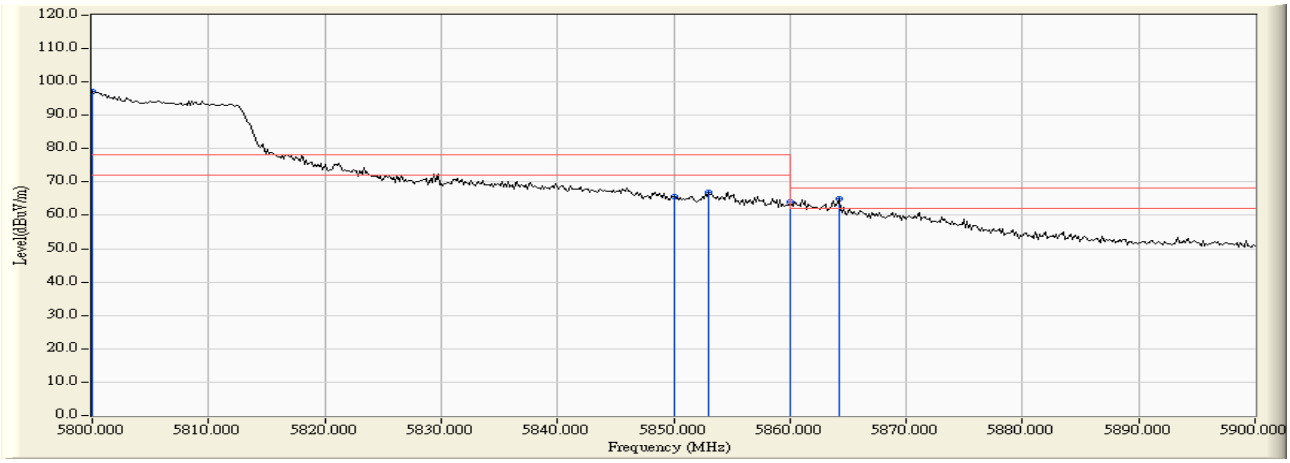
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5714.275	4.653	62.677	67.329	-0.891	68.220	Pass
Horizontal	5715.000	4.652	60.996	65.648	-2.572	68.220	Pass
Horizontal	5725.000	4.654	64.403	69.057	-9.163	78.220	Pass
Horizontal	5770.652	4.660	94.908	99.569	21.349	78.220	Pass



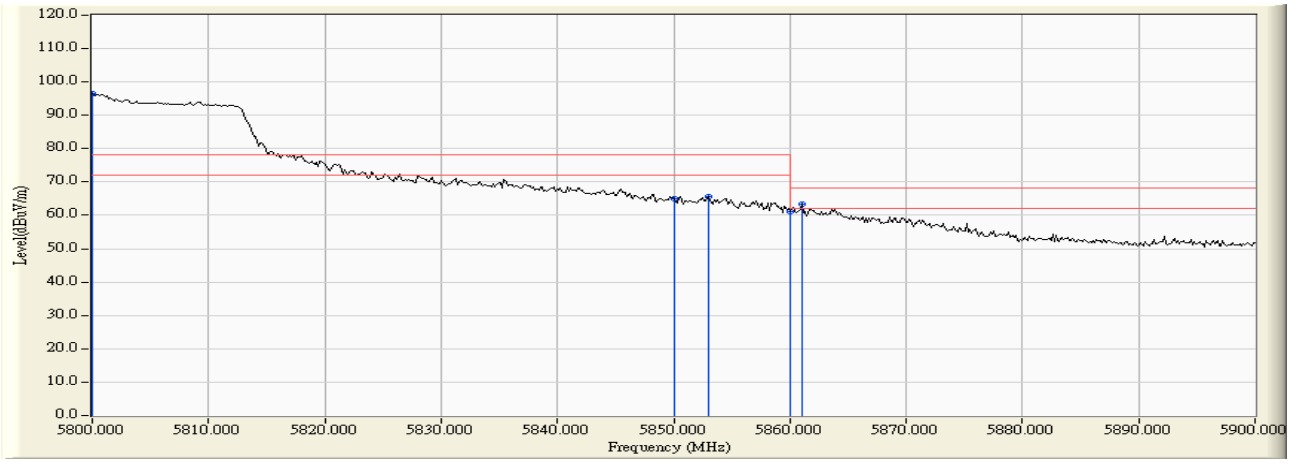
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5707.899	5.994	60.582	66.575	-1.645	68.220	Pass
Vertical	5715.000	5.994	60.508	66.502	-1.718	68.220	Pass
Vertical	5725.000	5.992	63.385	69.378	-8.842	78.220	Pass
Vertical	5770.507	5.983	93.466	99.449	21.229	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B-Channel 155



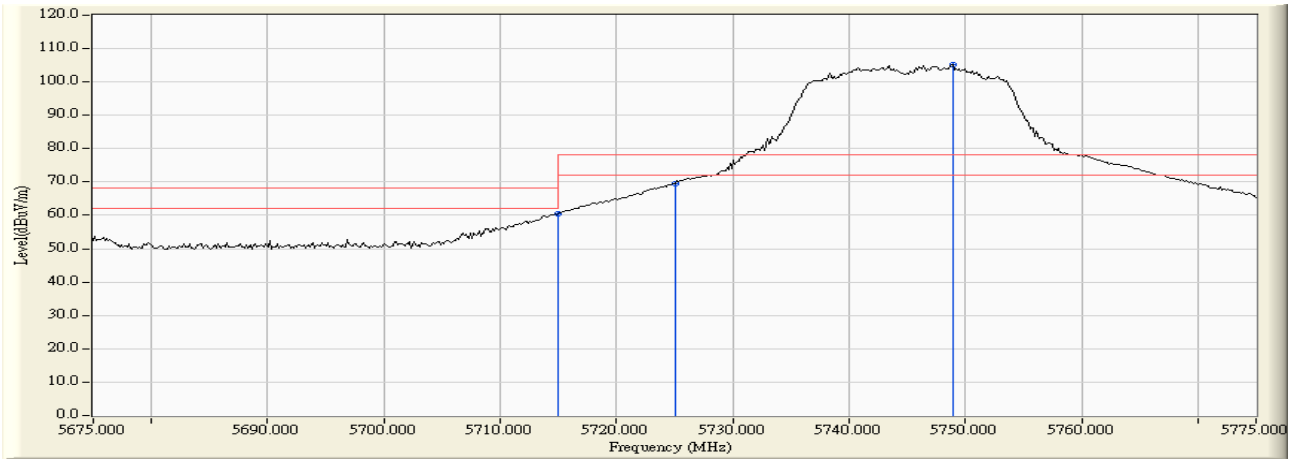
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5800.000	4.683	92.330	97.013	18.793	78.220	Pass
Horizontal	5850.000	4.964	60.567	65.531	-12.689	78.220	Pass
Horizontal	5853.043	4.982	61.894	66.876	-11.344	78.220	Pass
Horizontal	5860.000	5.023	59.005	64.028	-4.192	68.220	Pass
Horizontal	5864.203	5.048	59.789	64.836	-3.384	68.220	Pass



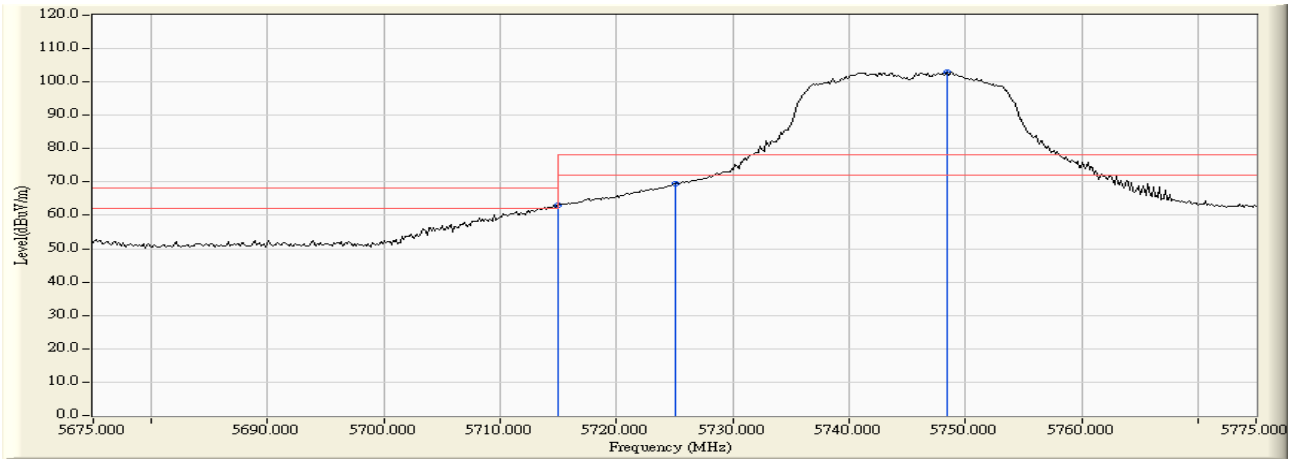
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5800.000	5.979	90.445	96.423	18.203	78.220	Pass
Vertical	5850.000	6.037	59.004	65.041	-13.179	78.220	Pass
Vertical	5853.043	6.040	59.455	65.495	-12.725	78.220	Pass
Vertical	5860.000	6.047	55.135	61.182	-7.038	68.220	Pass
Vertical	5861.014	6.048	57.185	63.233	-4.987	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO-Channel 149



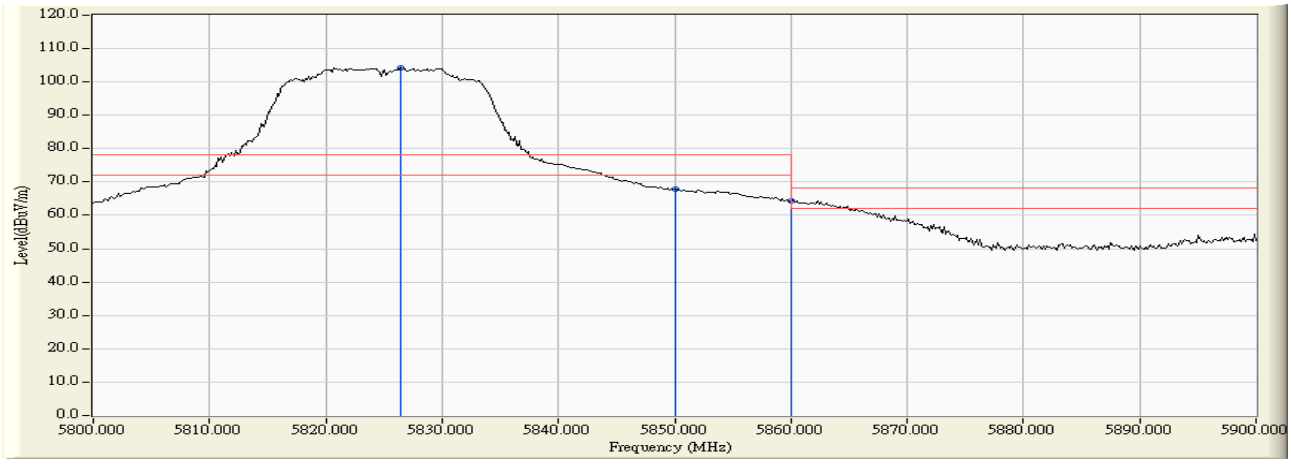
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5715.000	4.652	55.810	60.462	-7.758	68.220	Pass
Horizontal	5725.000	4.654	64.902	69.556	-8.664	78.220	Pass
Horizontal	5748.913	4.658	100.676	105.333	27.113	78.220	Pass



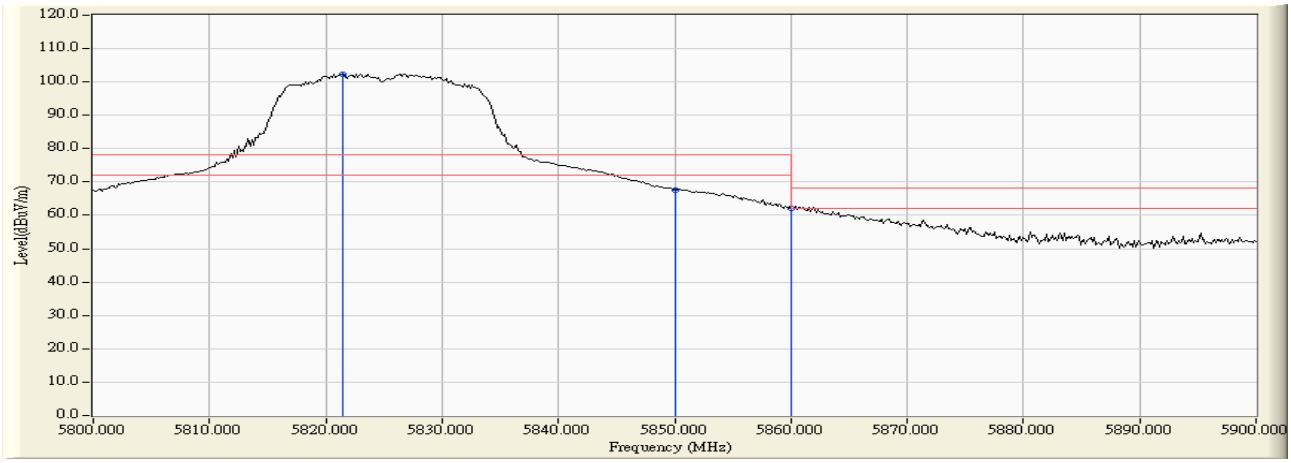
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	56.939	62.933	-5.287	68.220	Pass
Vertical	5725.000	5.992	63.343	69.336	-8.884	78.220	Pass
Vertical	5748.478	5.988	96.997	102.985	24.765	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO-Channel 165



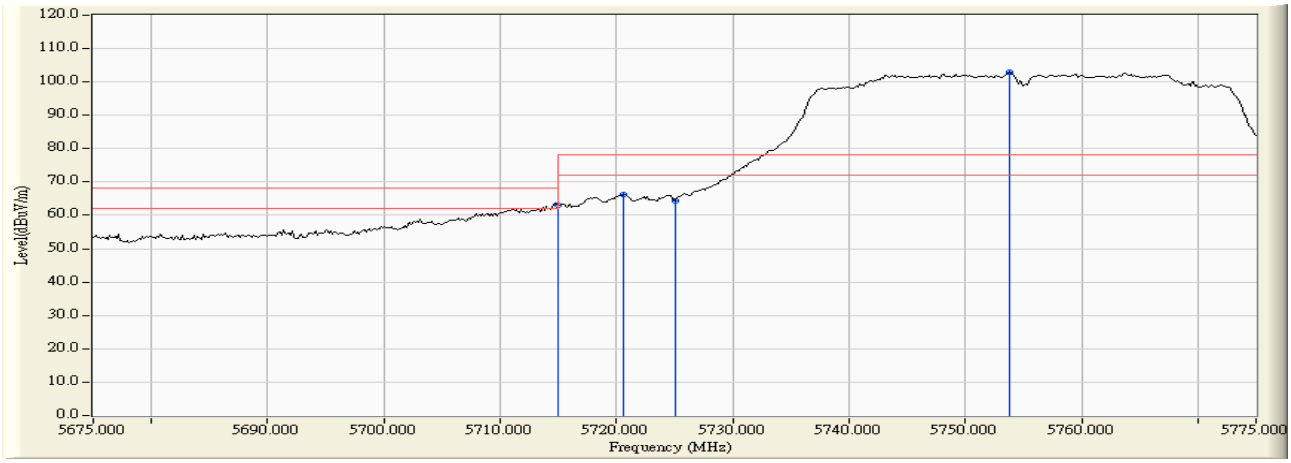
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5826.377	4.823	99.306	104.128	25.908	78.220	Pass
Horizontal	5850.000	4.964	62.895	67.859	-10.361	78.220	Pass
Horizontal	5860.000	5.023	59.462	64.485	-3.735	68.220	Pass



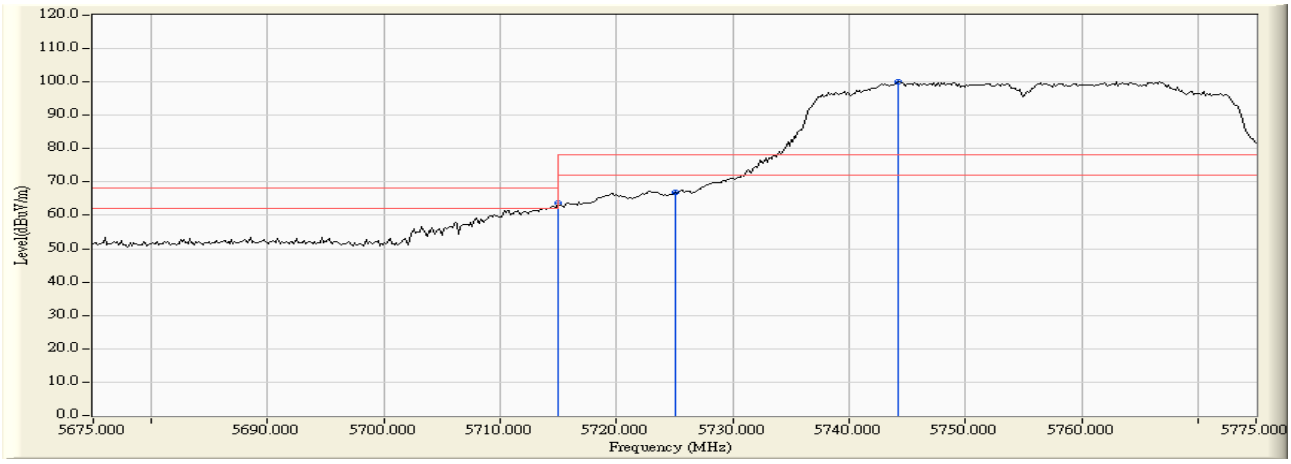
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5821.449	6.003	96.419	102.422	24.202	78.220	Pass
Vertical	5850.000	6.037	61.624	67.661	-10.559	78.220	Pass
Vertical	5860.000	6.047	55.945	61.992	-6.228	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_MIMO-Channel 151



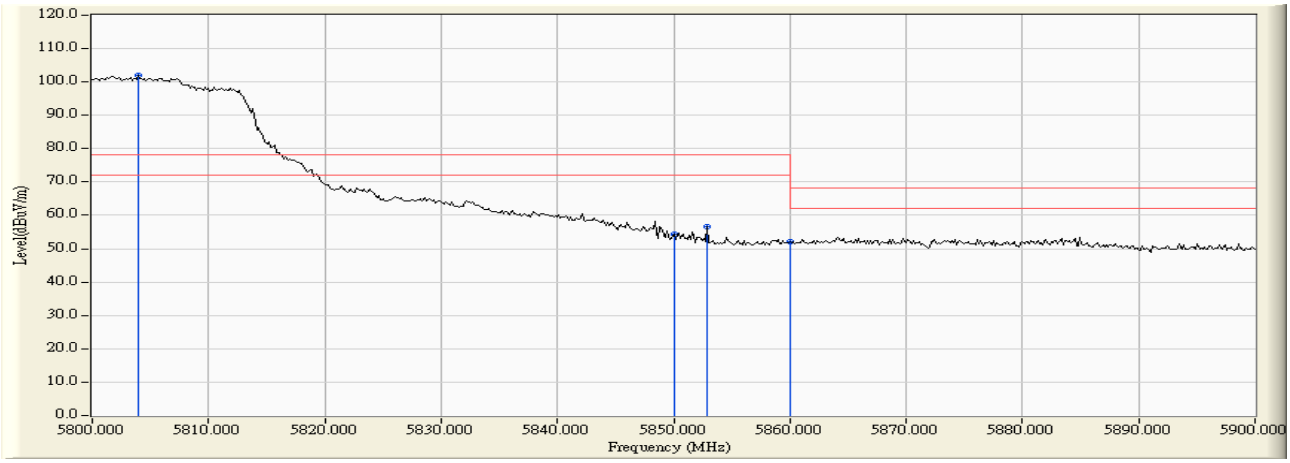
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5715.000	4.652	58.257	62.909	-5.311	68.220	Pass
Horizontal	5720.652	4.654	61.591	66.244	-11.976	78.220	Pass
Horizontal	5725.000	4.654	59.832	64.486	-13.734	78.220	Pass
Horizontal	5753.841	4.658	98.152	102.810	24.590	78.220	Pass



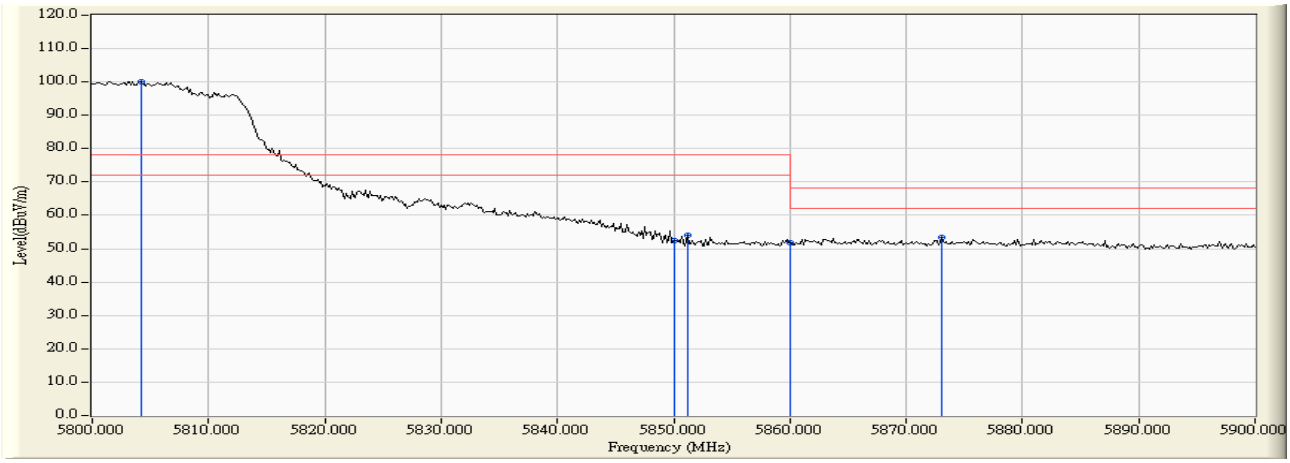
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	57.662	63.656	-4.564	68.220	Pass
Vertical	5725.000	5.992	60.823	66.816	-11.404	78.220	Pass
Vertical	5744.275	5.989	93.983	99.972	21.752	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_MIMO-Channel 159



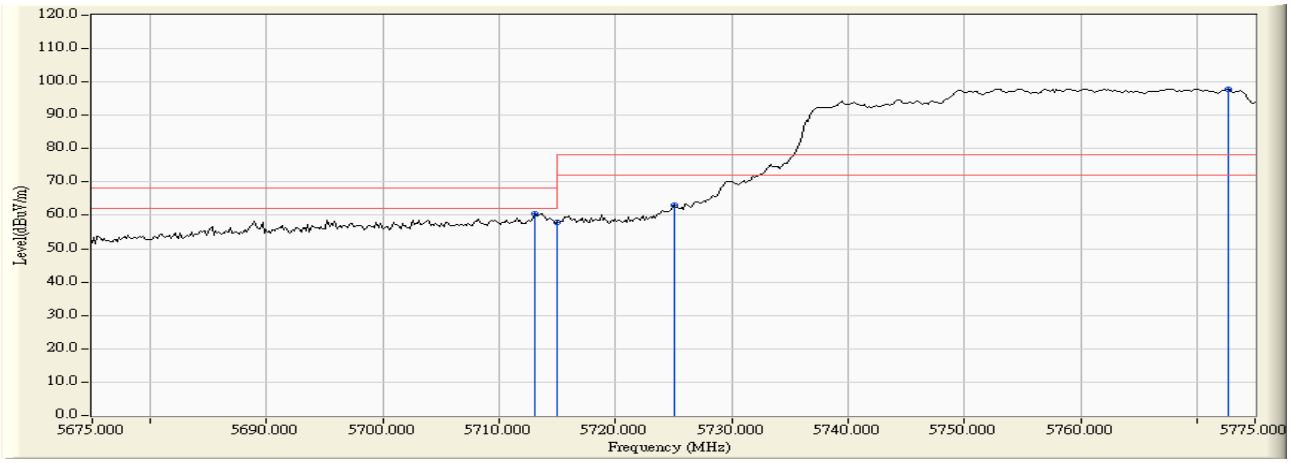
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5803.913	4.701	97.173	101.874	23.654	78.220	Pass
Horizontal	5850.000	4.964	49.492	54.456	-23.764	78.220	Pass
Horizontal	5852.899	4.981	51.642	56.623	-21.597	78.220	Pass
Horizontal	5860.000	5.023	46.946	51.969	-16.251	68.220	Pass



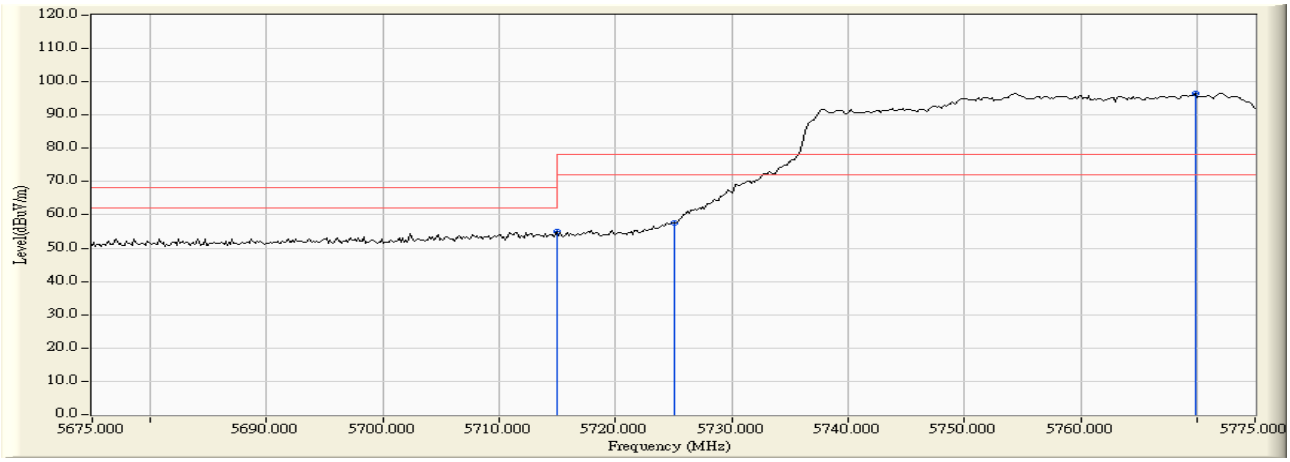
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5804.203	5.984	94.226	100.210	21.990	78.220	Pass
Vertical	5850.000	6.037	46.374	52.411	-25.809	78.220	Pass
Vertical	5851.159	6.038	47.910	53.948	-24.272	78.220	Pass
Vertical	5860.000	6.047	45.632	51.679	-16.541	68.220	Pass
Vertical	5873.043	6.062	47.476	53.538	-14.682	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO-Channel 155



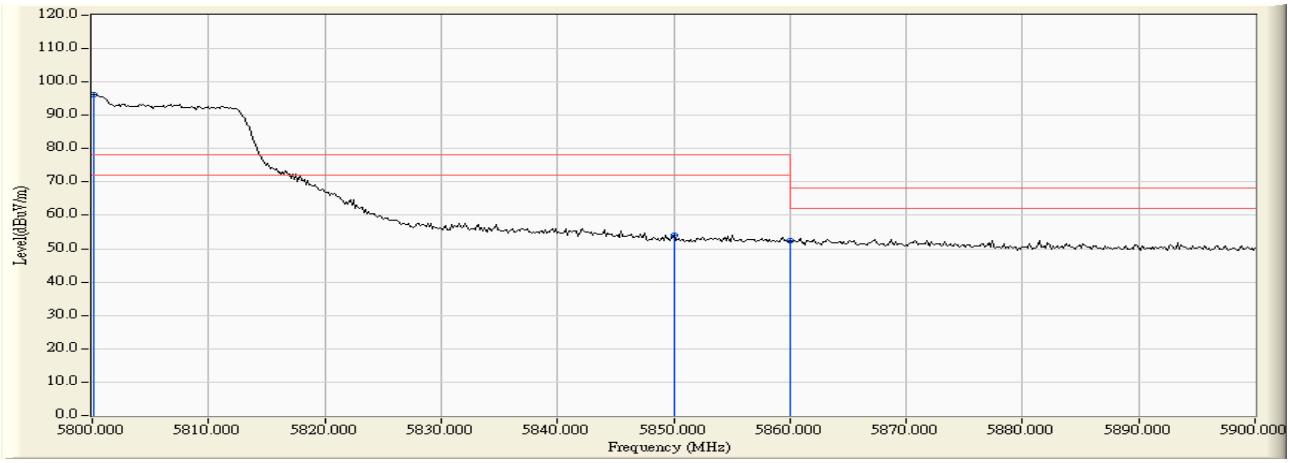
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5713.116	4.652	55.928	60.579	-7.641	68.220	Pass
Horizontal	5715.000	4.652	53.378	58.030	-10.190	68.220	Pass
Horizontal	5725.000	4.654	58.507	63.161	-15.059	78.220	Pass
Horizontal	5772.681	4.660	93.296	97.957	19.737	78.220	Pass



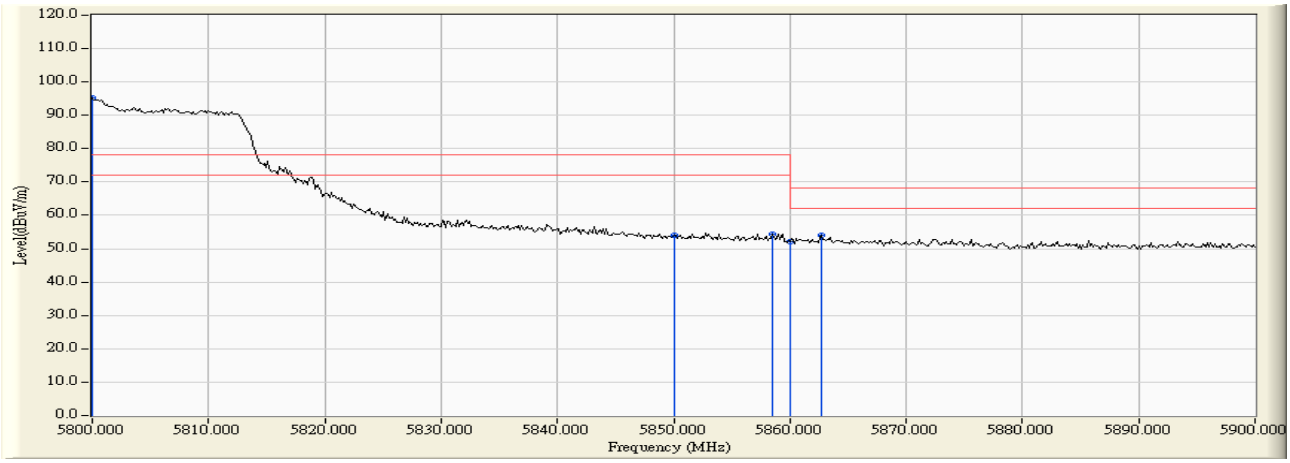
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	49.040	55.034	-13.186	68.220	Pass
Vertical	5725.000	5.992	51.506	57.499	-20.721	78.220	Pass
Vertical	5769.928	5.984	90.566	96.549	18.329	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO-Channel 155



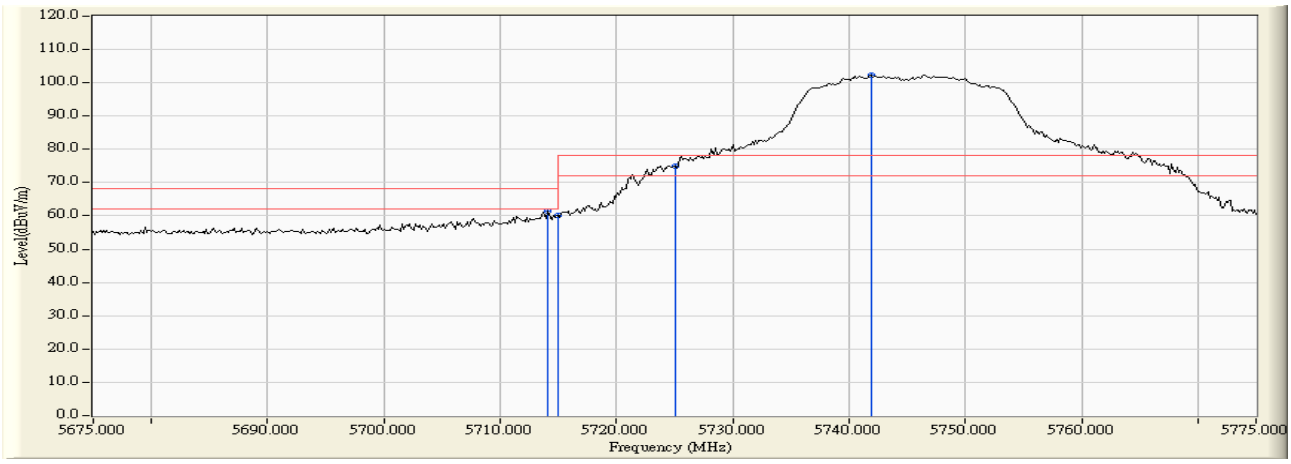
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5800.145	4.684	91.668	96.351	18.131	78.220	Pass
Horizontal	5850.000	4.964	49.055	54.019	-24.201	78.220	Pass
Horizontal	5860.000	5.023	47.432	52.455	-15.765	68.220	Pass



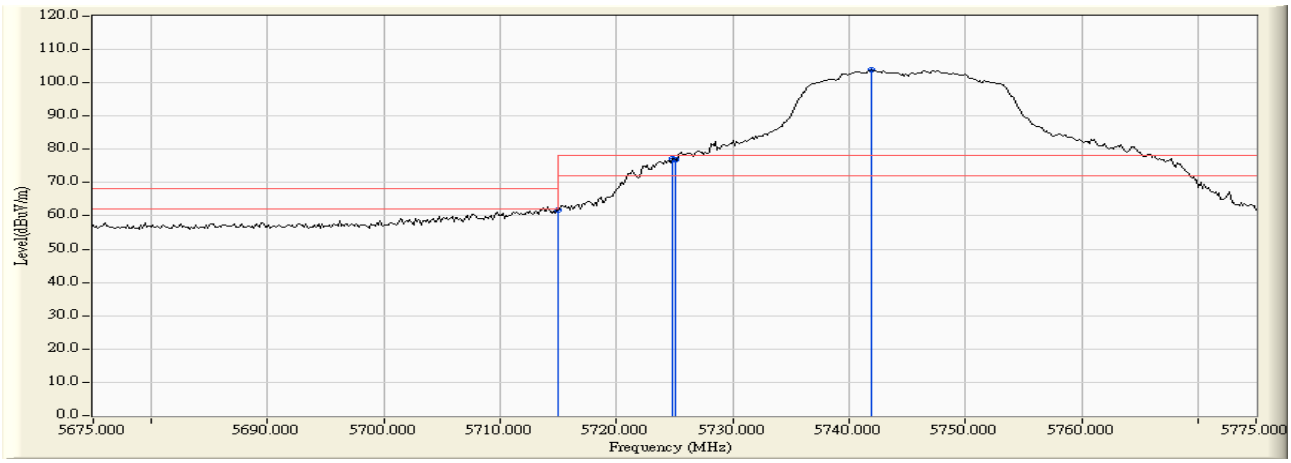
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5800.000	5.979	89.112	95.090	16.870	78.220	Pass
Vertical	5850.000	6.037	47.959	53.996	-24.224	78.220	Pass
Vertical	5858.551	6.046	48.368	54.414	-23.806	78.220	Pass
Vertical	5860.000	6.047	46.066	52.113	-16.107	68.220	Pass
Vertical	5862.754	6.050	47.849	53.899	-14.321	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming-Channel 149



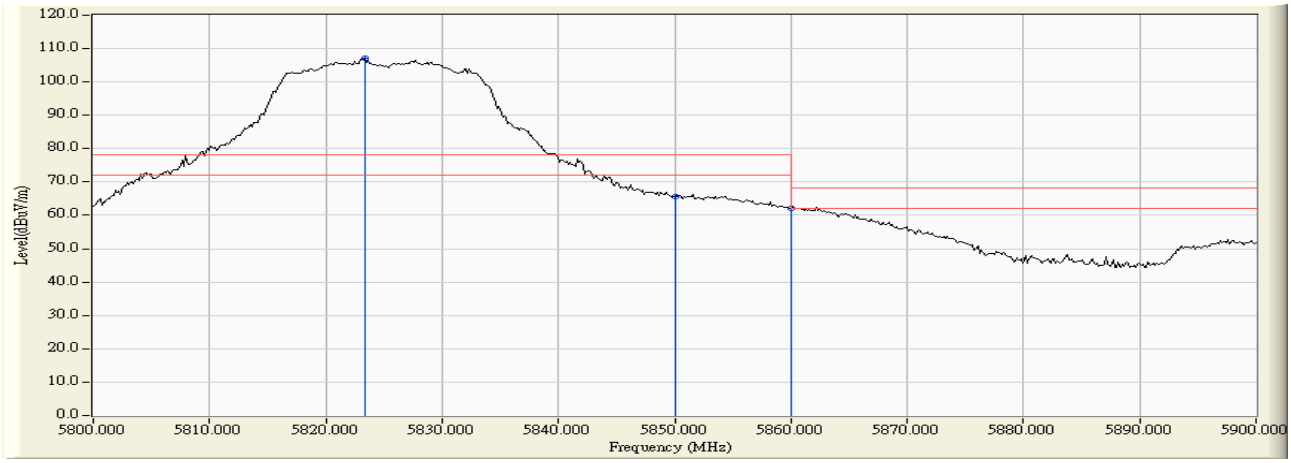
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5714.130	4.652	56.717	61.369	-6.851	68.220	Pass
Horizontal	5715.000	4.652	55.662	60.314	-7.906	68.220	Pass
Horizontal	5725.000	4.654	70.417	75.071	-3.149	78.220	Pass
Horizontal	5741.957	4.656	97.803	102.459	24.239	78.220	Pass



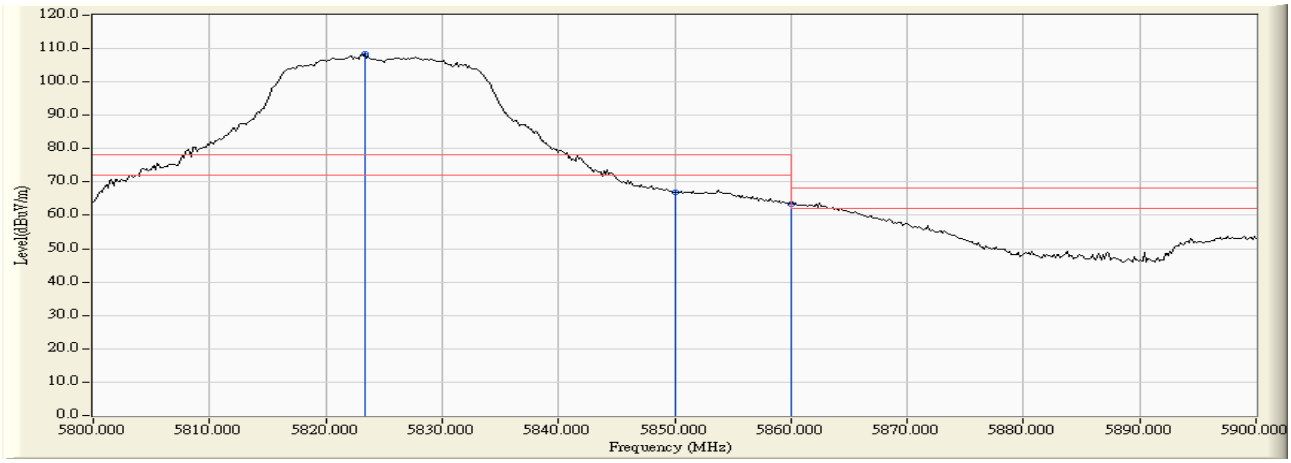
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	55.876	61.870	-6.350	68.220	Pass
Vertical	5724.855	5.993	71.140	77.133	-1.087	78.220	Pass
Vertical	5725.000	5.992	70.867	76.860	-1.360	78.220	Pass
Vertical	5741.957	5.989	97.803	103.793	25.573	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming-Channel 165



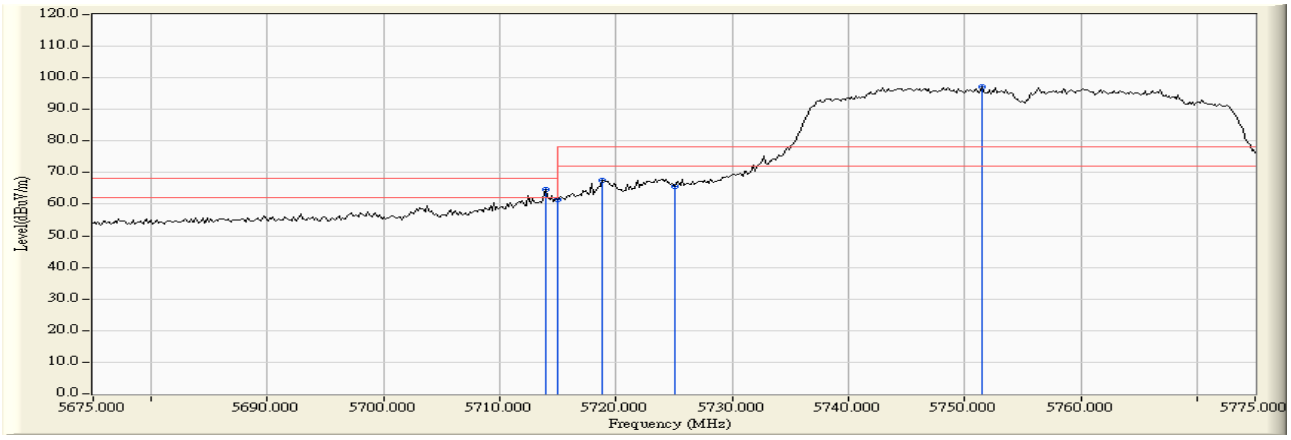
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5823.333	4.804	102.310	107.114	28.894	78.220	Pass
Horizontal	5850.000	4.964	60.541	65.505	-12.715	78.220	Pass
Horizontal	5860.000	5.023	57.113	62.136	-6.084	68.220	Pass



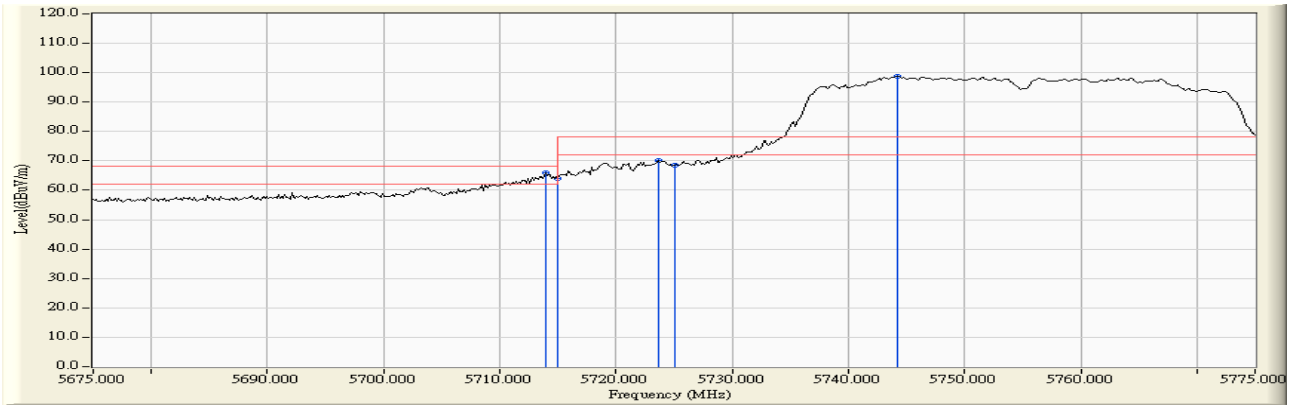
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5823.333	6.005	102.310	108.315	30.095	78.220	Pass
Vertical	5850.000	6.037	60.884	66.921	-11.299	78.220	Pass
Vertical	5860.000	6.047	57.482	63.529	-4.691	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_Beamforming-Channel 151



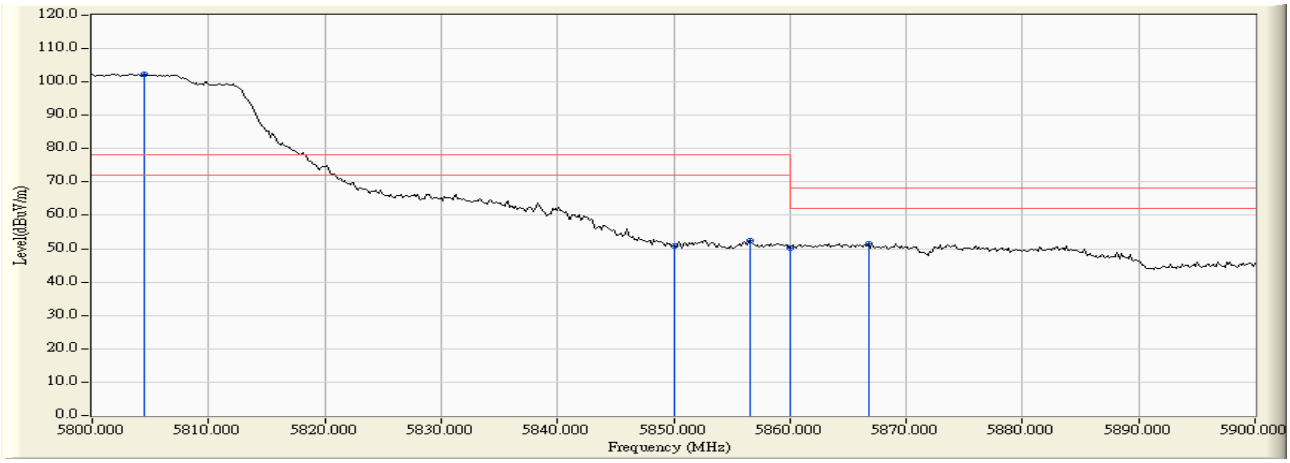
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5713.985	4.651	59.985	64.637	-3.583	68.220	Pass
Horizontal	5715.000	4.652	56.803	61.455	-6.765	68.220	Pass
Horizontal	5718.768	4.652	62.828	67.481	-10.739	78.220	Pass
Horizontal	5725.000	4.654	61.040	65.694	-12.526	78.220	Pass
Horizontal	5751.522	4.658	92.363	97.021	18.801	78.220	Pass



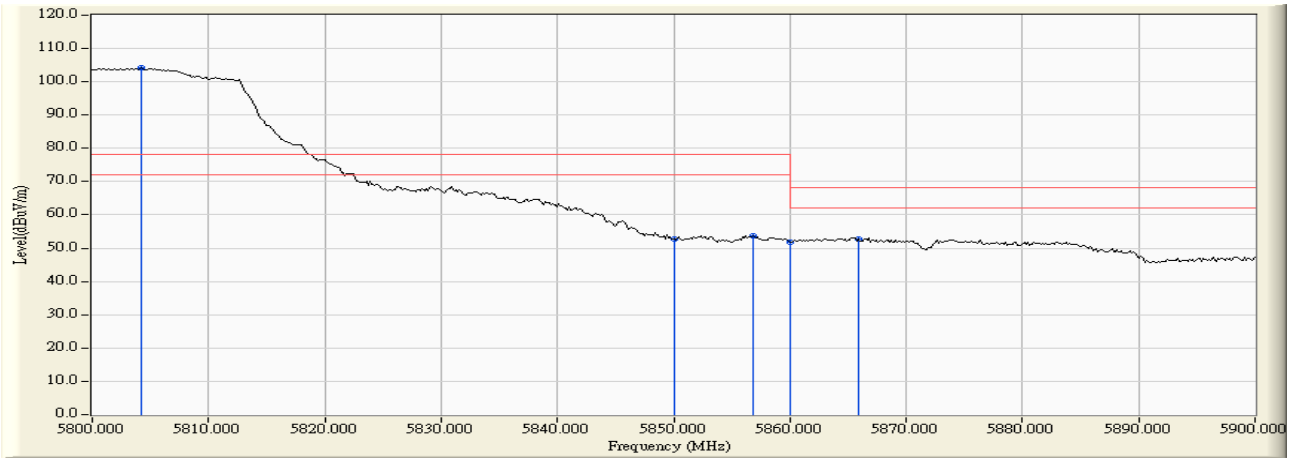
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5713.986	5.994	59.985	65.979	-2.241	68.220	Pass
Vertical	5715.000	5.994	58.100	64.094	-4.126	68.220	Pass
Vertical	5723.696	5.993	64.145	70.138	-8.082	78.220	Pass
Vertical	5725.000	5.992	62.556	68.549	-9.671	78.220	Pass
Vertical	5744.275	5.989	92.885	98.874	20.654	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_Beamforming-Channel 159



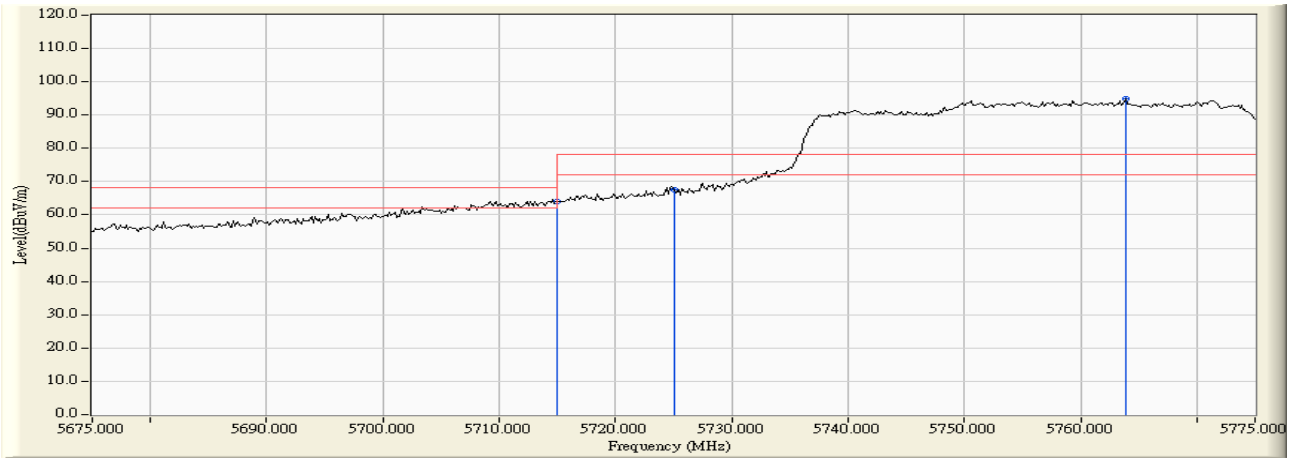
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5804.493	4.703	97.749	102.452	24.232	78.220	Pass
Horizontal	5850.000	4.964	45.784	50.748	-27.472	78.220	Pass
Horizontal	5856.522	5.003	47.439	52.441	-25.779	78.220	Pass
Horizontal	5860.000	5.023	45.201	50.224	-17.996	68.220	Pass
Horizontal	5866.812	5.063	46.523	51.586	-16.634	68.220	Pass



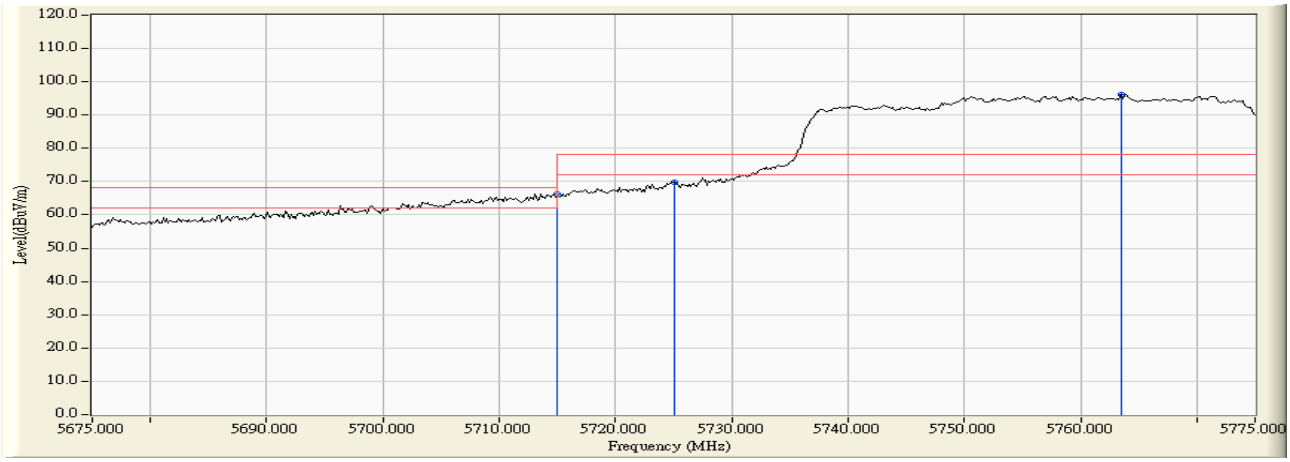
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5804.203	5.984	98.160	104.144	25.924	78.220	Pass
Vertical	5850.000	6.037	46.605	52.642	-25.578	78.220	Pass
Vertical	5856.812	6.043	47.748	53.792	-24.428	78.220	Pass
Vertical	5860.000	6.047	45.908	51.955	-16.265	68.220	Pass
Vertical	5865.942	6.054	46.773	52.827	-15.393	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming-Channel 155



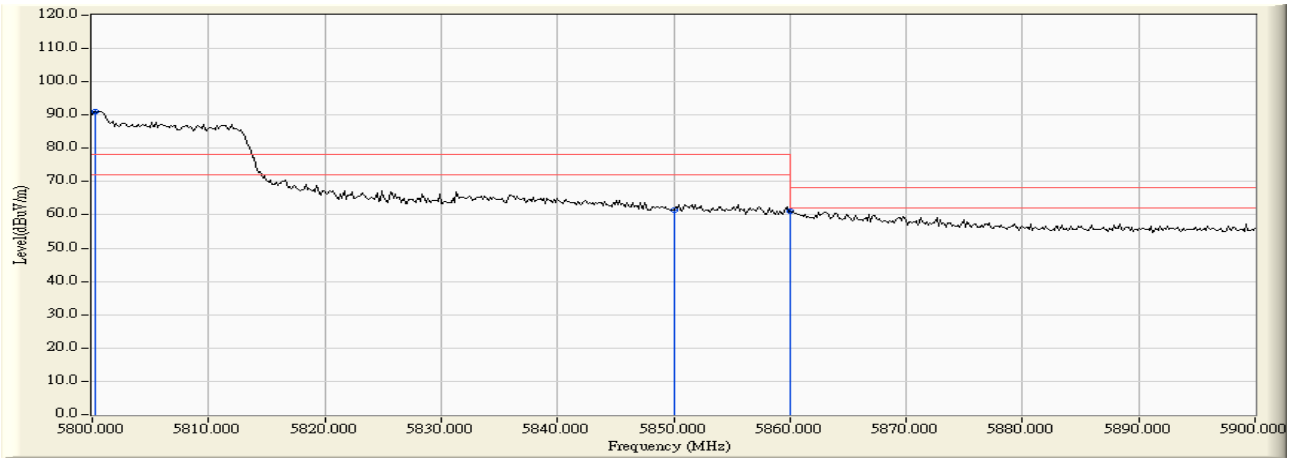
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5715.000	4.652	59.443	64.095	-4.125	68.220	Pass
Horizontal	5725.000	4.654	62.838	67.492	-10.728	78.220	Pass
Horizontal	5763.841	4.660	90.167	94.827	16.607	78.220	Pass



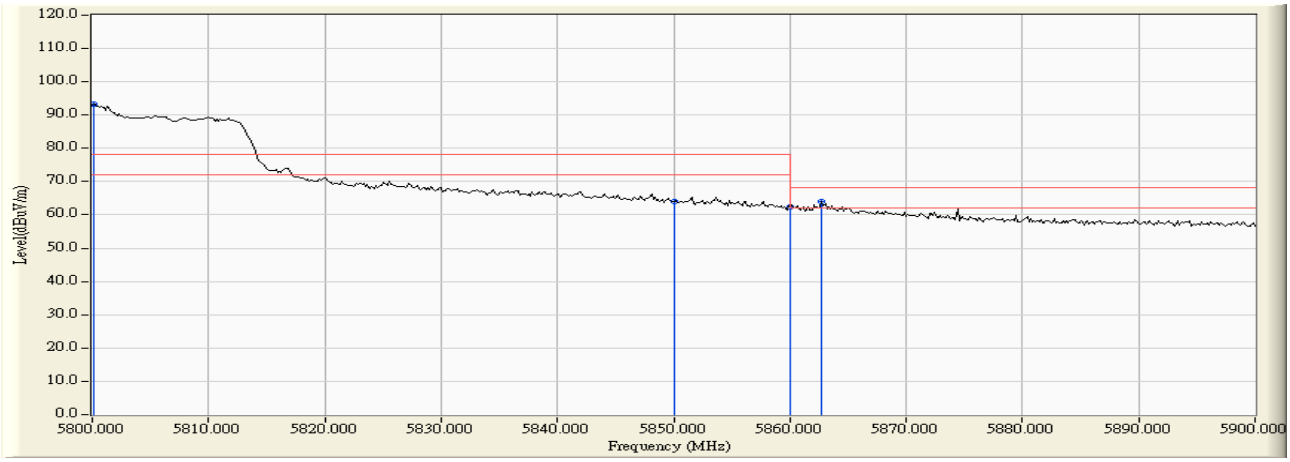
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5715.000	5.994	60.438	66.432	-1.788	68.220	Pass
Vertical	5725.000	5.992	63.927	69.920	-8.300	78.220	Pass
Vertical	5763.551	5.985	90.307	96.292	18.072	78.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming-Channel 155



RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5800.290	4.684	86.397	91.081	12.861	78.220	Pass
Horizontal	5850.000	4.964	56.592	61.556	-16.664	78.220	Pass
Horizontal	5860.000	5.023	56.038	61.061	-7.159	68.220	Pass



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5800.145	5.979	87.355	93.334	15.114	78.220	Pass
Vertical	5850.000	6.037	57.919	63.956	-14.264	78.220	Pass
Vertical	5860.000	6.047	56.385	62.432	-5.788	68.220	Pass
Vertical	5862.754	6.050	57.840	63.890	-4.330	68.220	Pass

7. Occupied Bandwidth

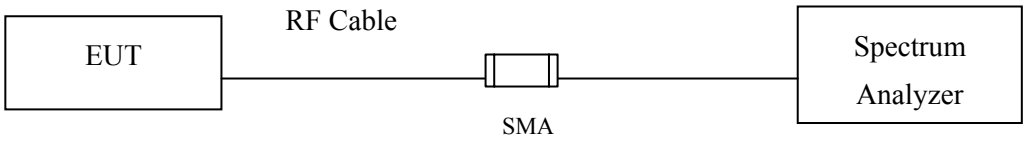
7.1. Test Equipment

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

7.2. Test Setup



7.3. Limits

For the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz

7.4. .Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

7.5. Uncertainty

± 150Hz

7.6. Test Result of Occupied Bandwidth

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO A

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	14150	>500	Pass
157	5785	15150	>500	Pass
165	5825	14800	>500	Pass

Figure Channel 149

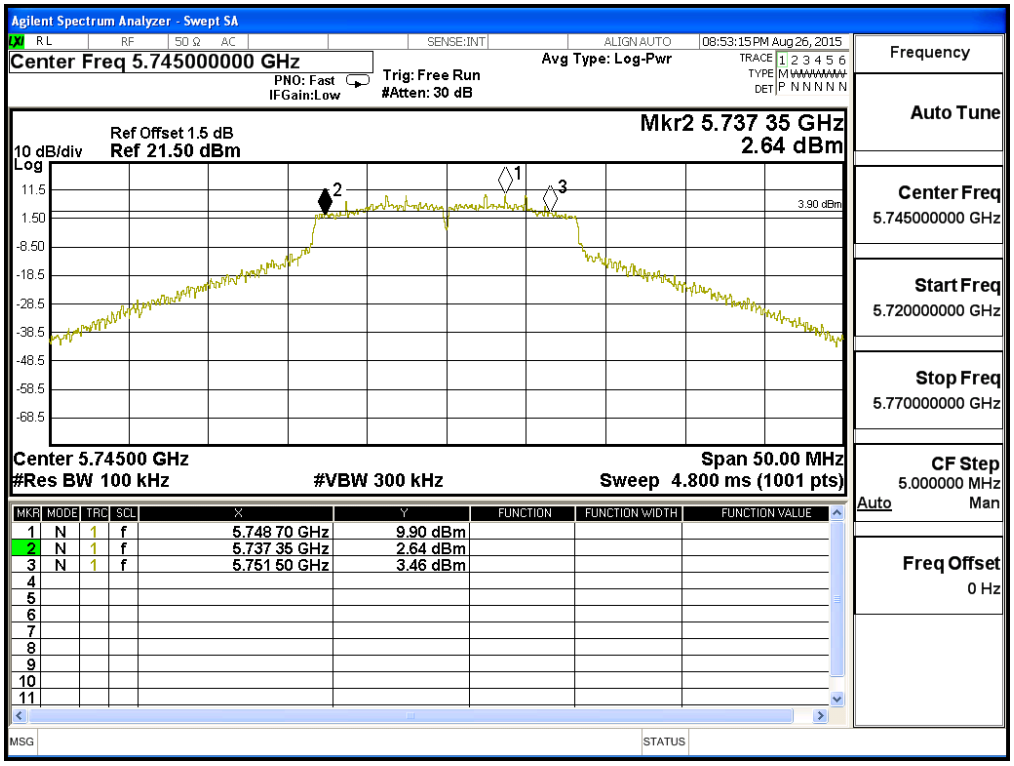


Figure Channel 157

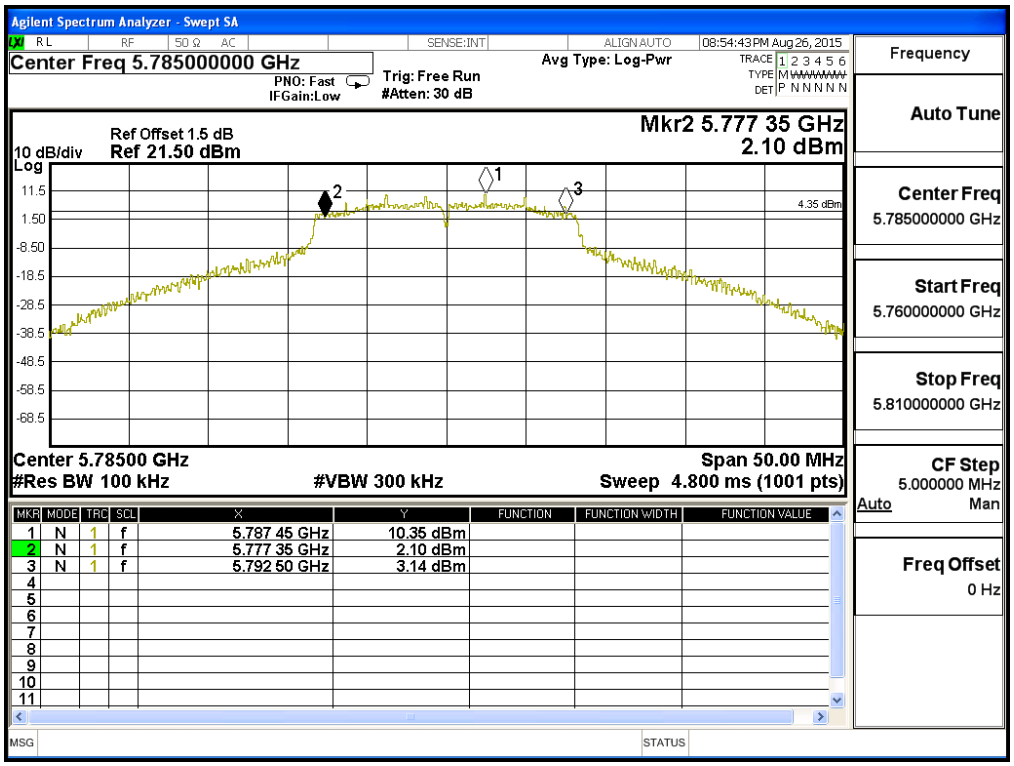
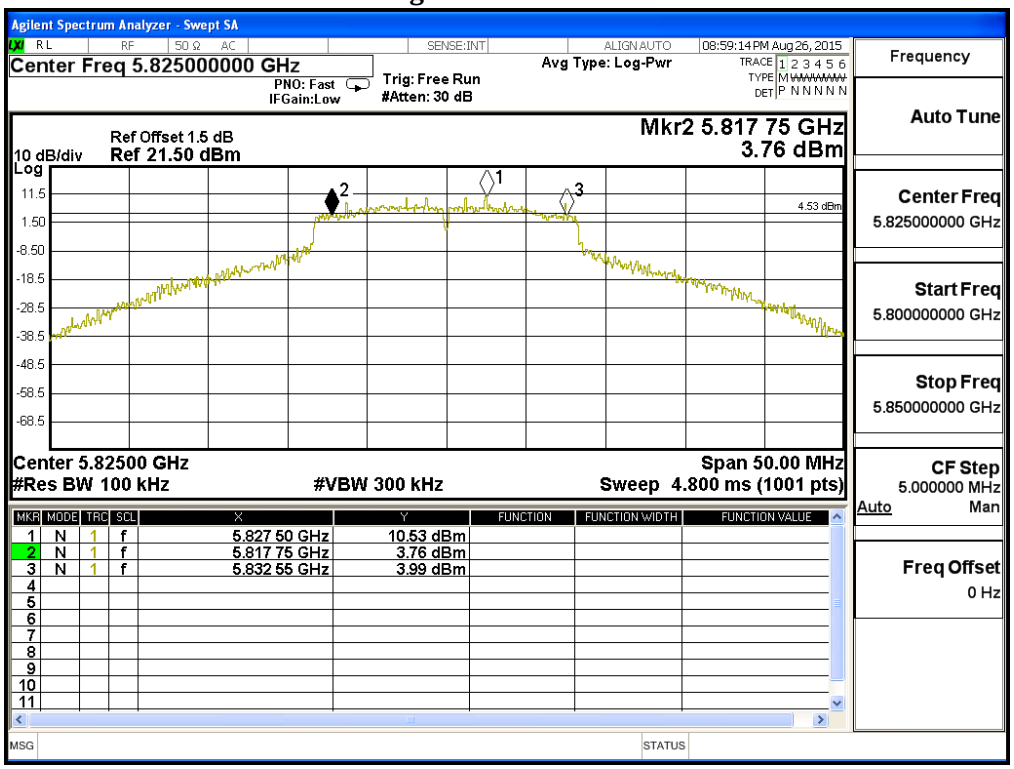


Figure Channel 165



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW-7.2Mbps)_SISO A

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	15150	>500	Pass
157	5785	15150	>500	Pass
165	5825	15050	>500	Pass

Figure Channel 149

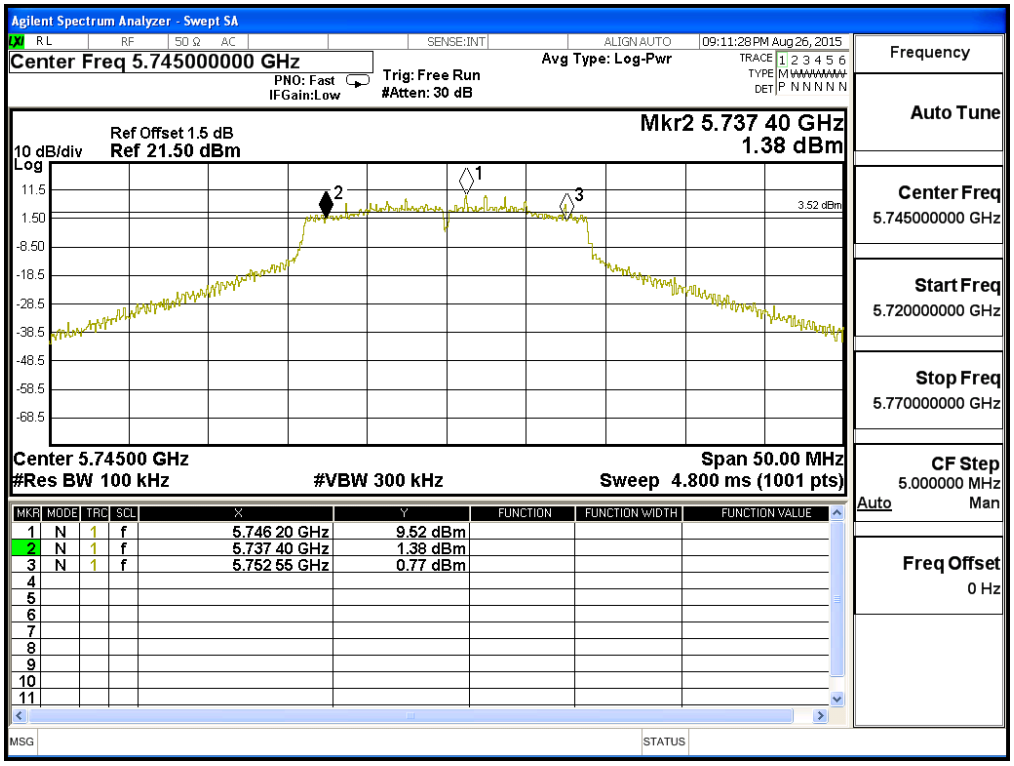


Figure Channel 157

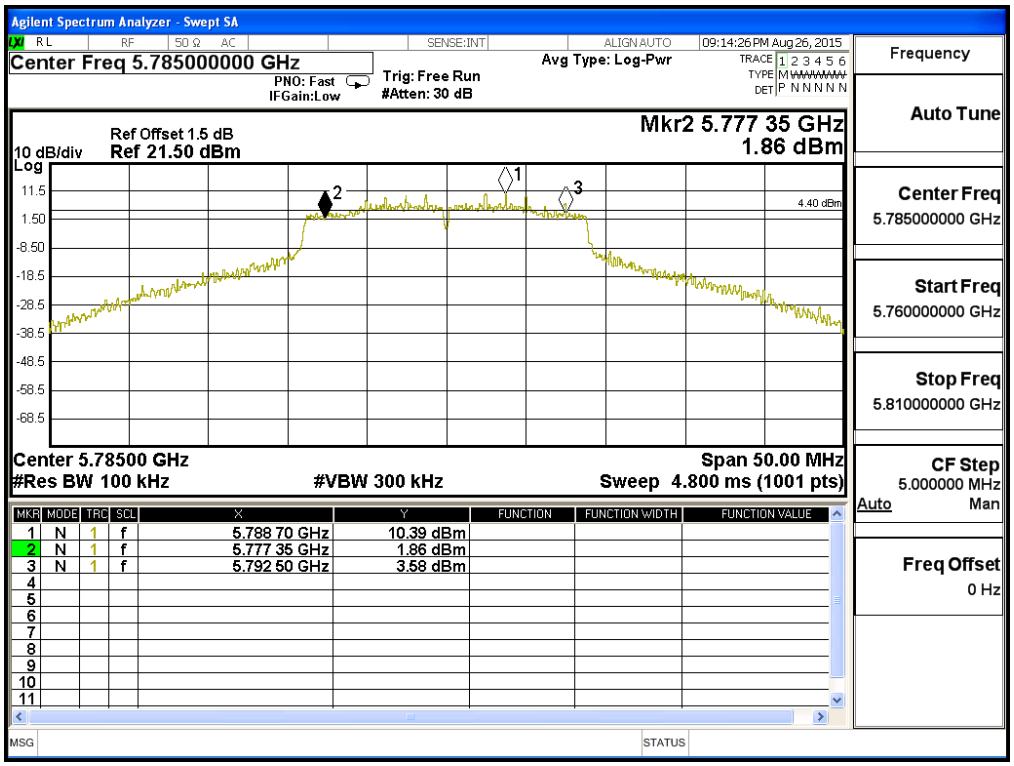
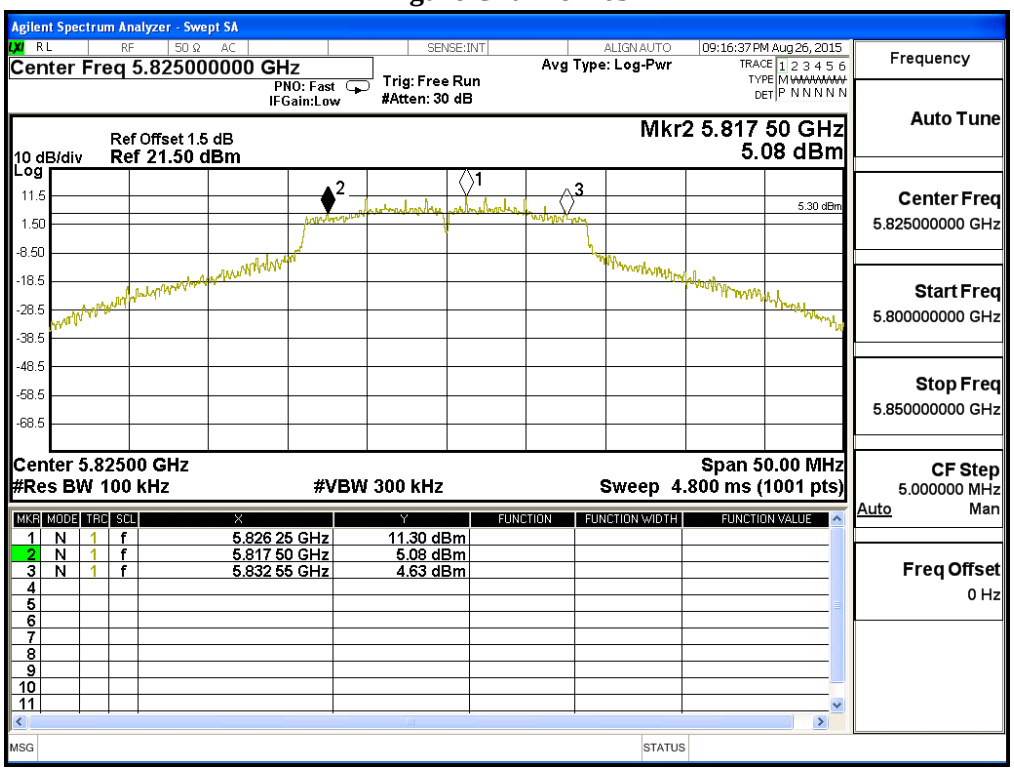


Figure Channel 165



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW-15Mbps)_SISO A

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755	34100	>500	Pass
159	5795	34100	>500	Pass

Figure Channel 151

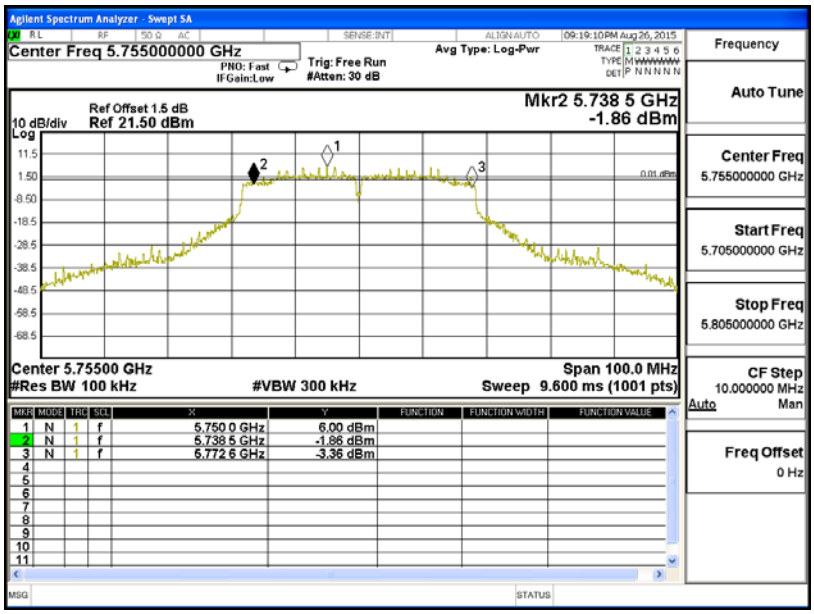
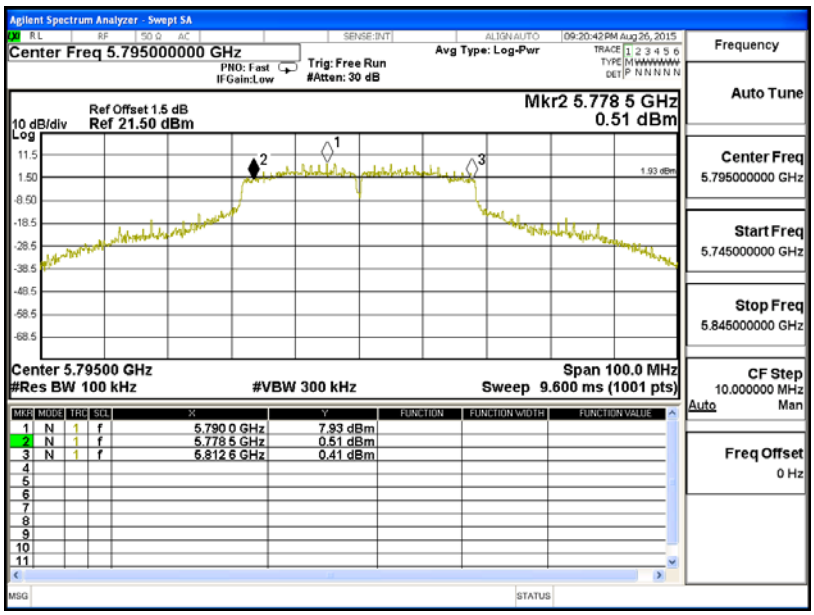


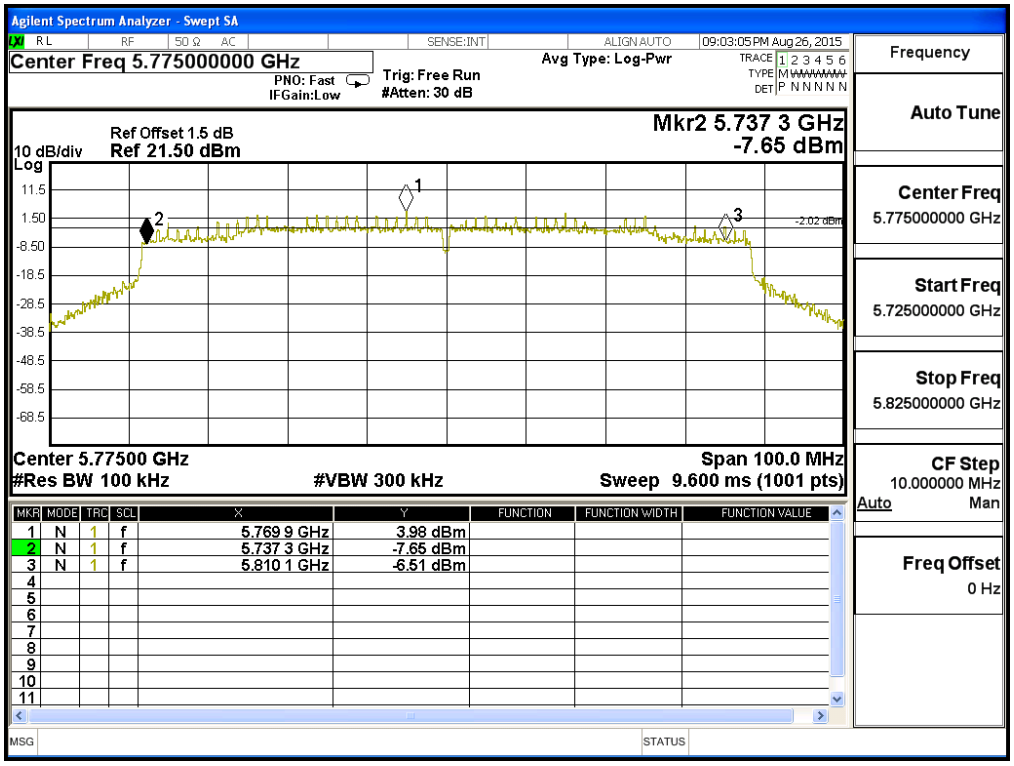
Figure Channel 159



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO A

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	72800	>500	Pass

Figure Channel 155



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)_SISO B

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	16400	>500	Pass
157	5785	15150	>500	Pass
165	5825	14000	>500	Pass

Figure Channel 149

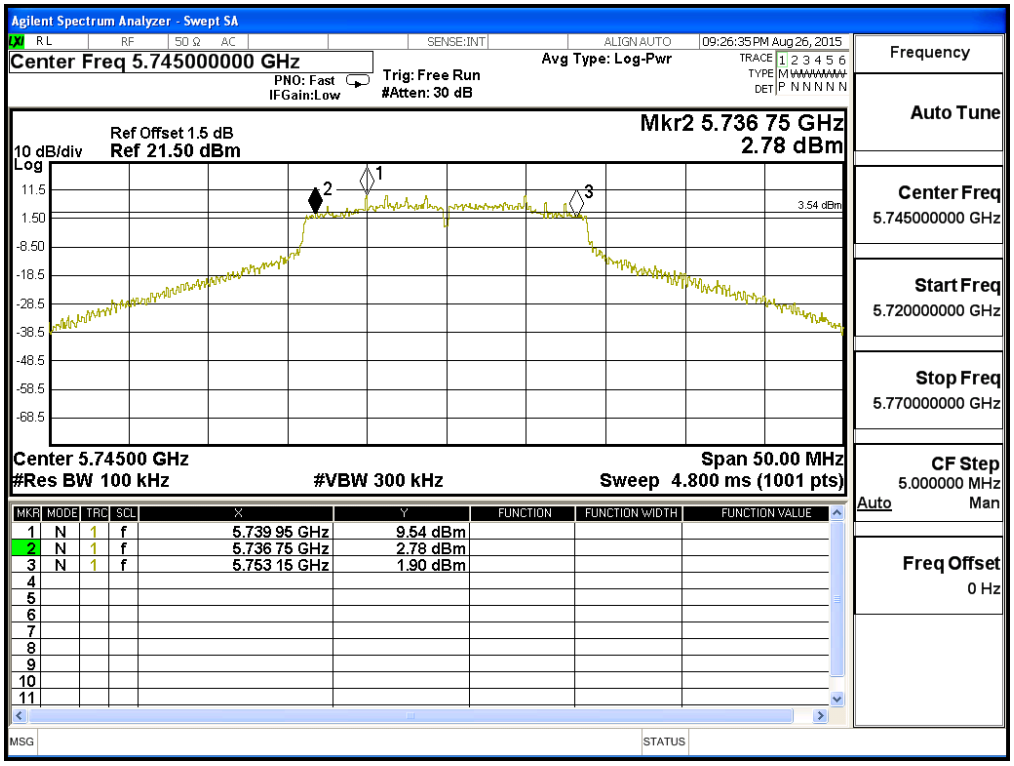


Figure Channel 157

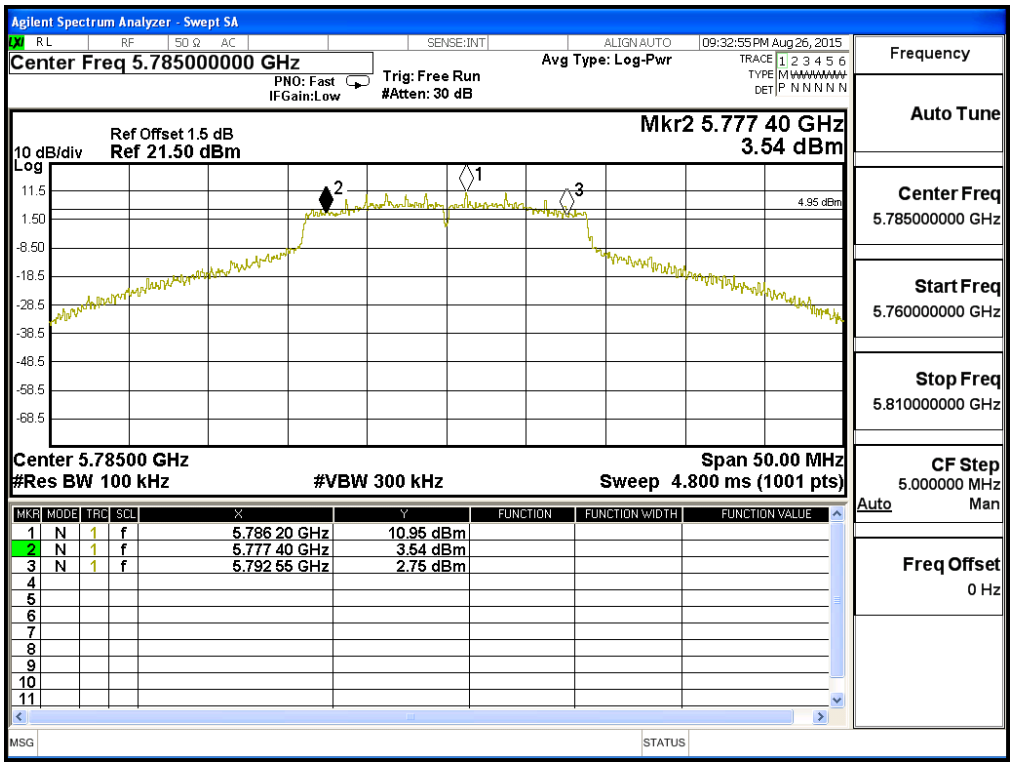
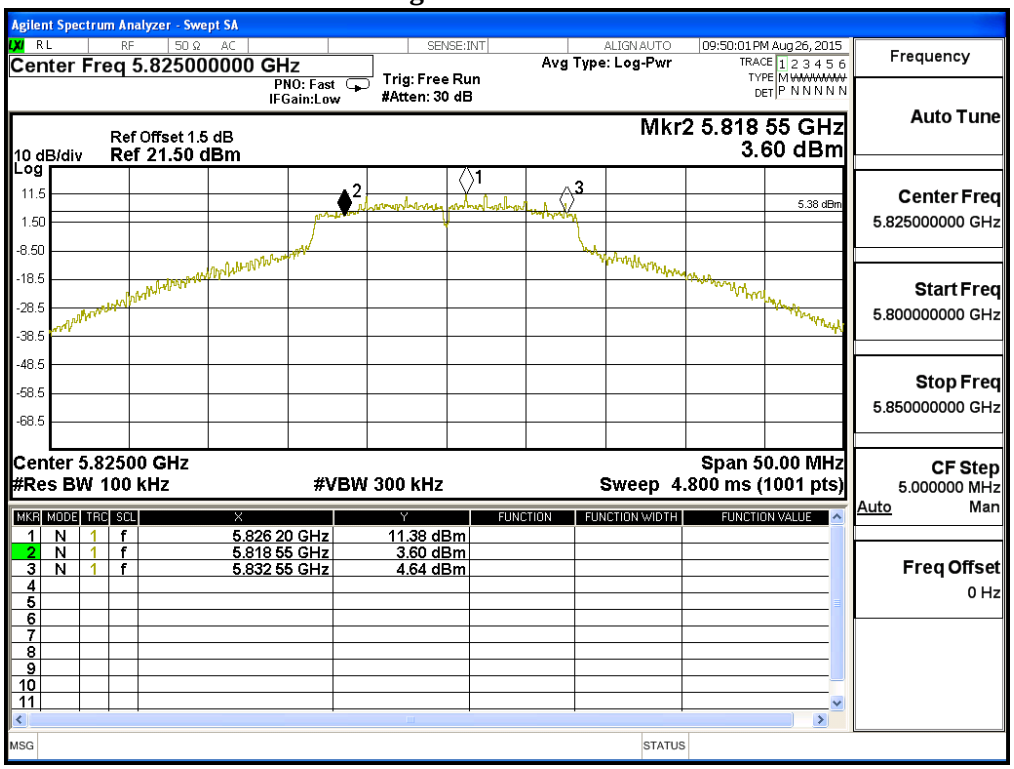


Figure Channel 165



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 7.2Mbps)_SISO B

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	15150	>500	Pass
157	5785	15200	>500	Pass
165	5825	15200	>500	Pass

Figure Channel 149

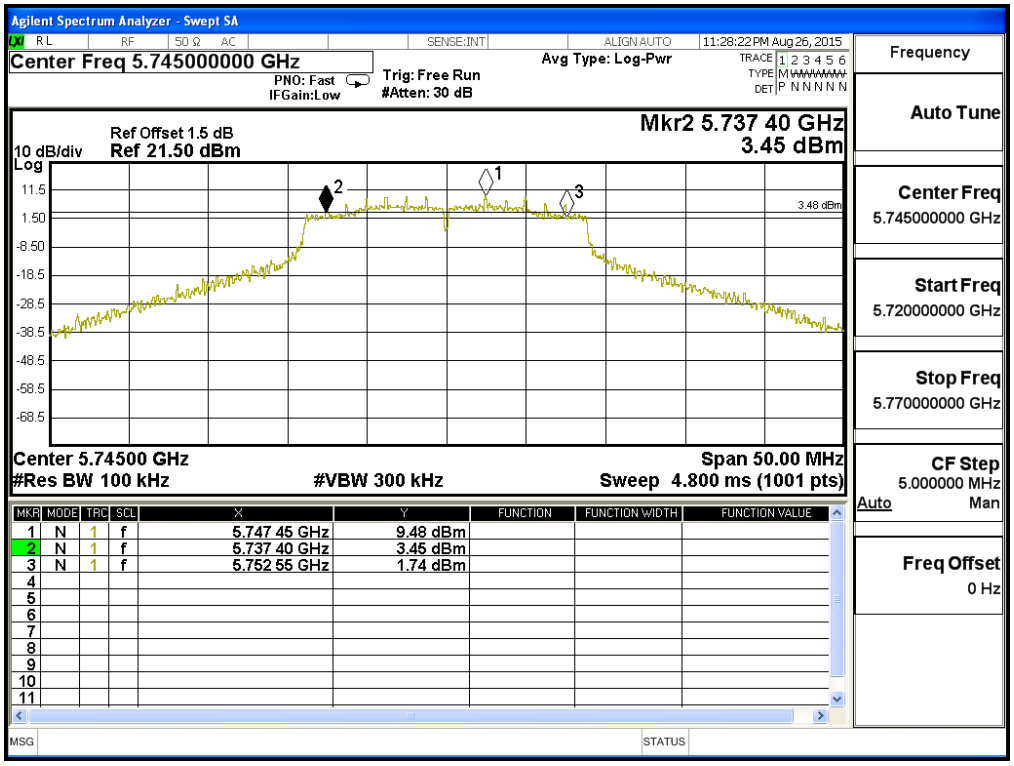


Figure Channel 157

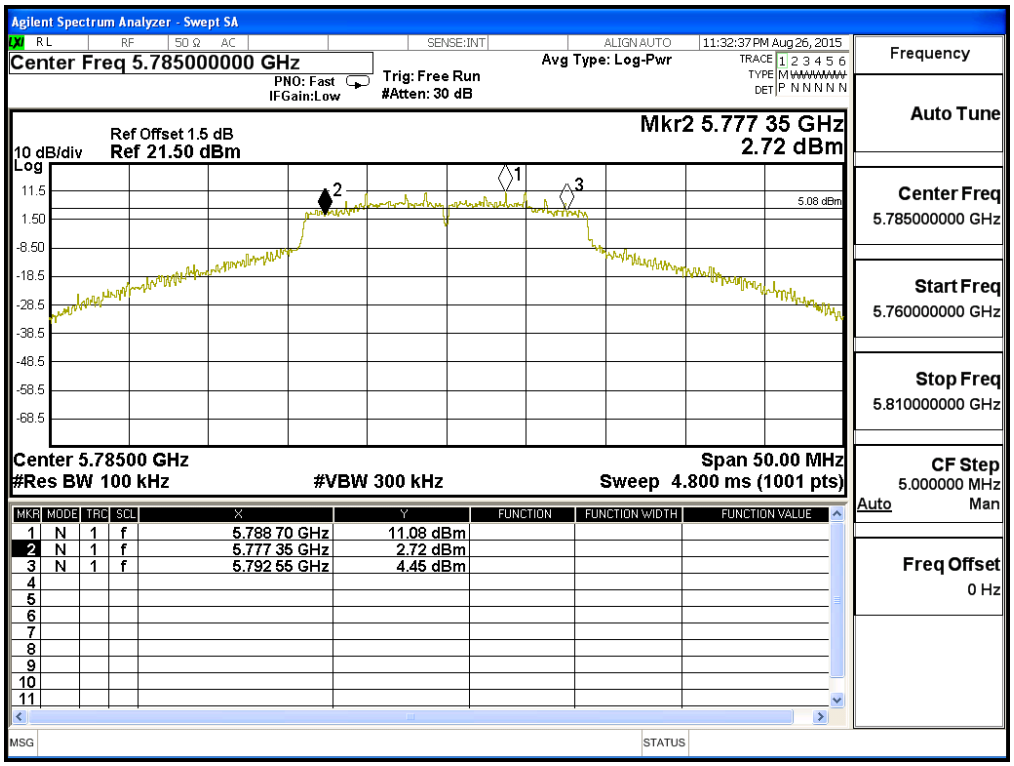
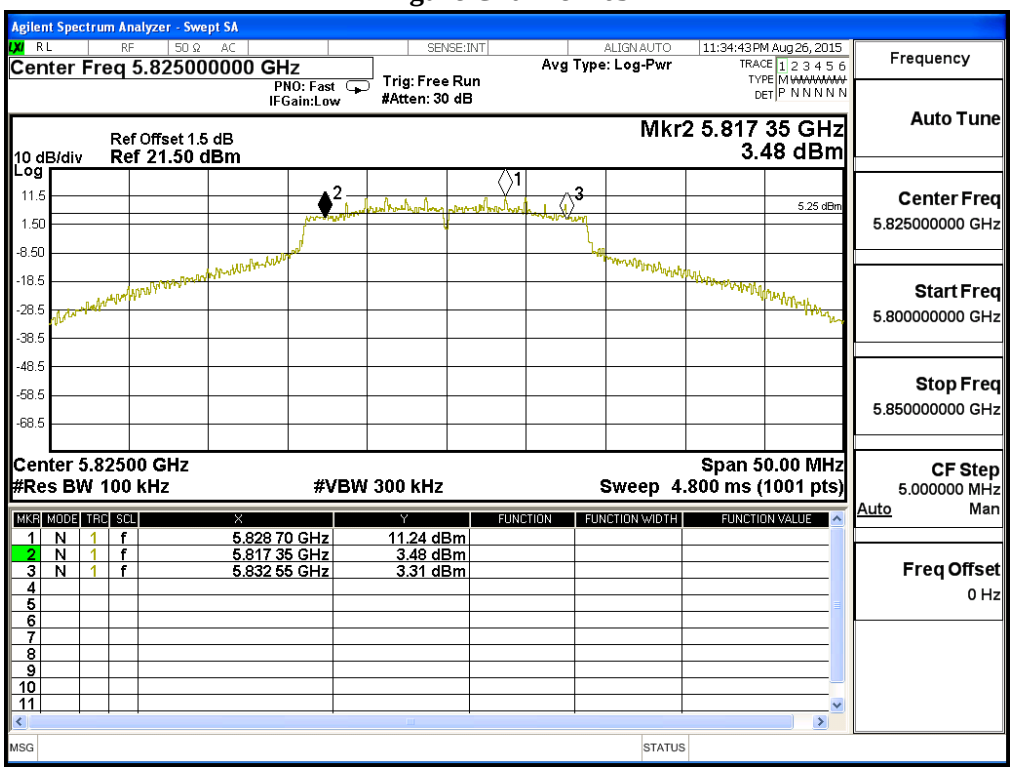


Figure Channel 165



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 15Mbps)_SISO B

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755	35300	>500	Pass
159	5795	34100	>500	Pass

Figure Channel 151

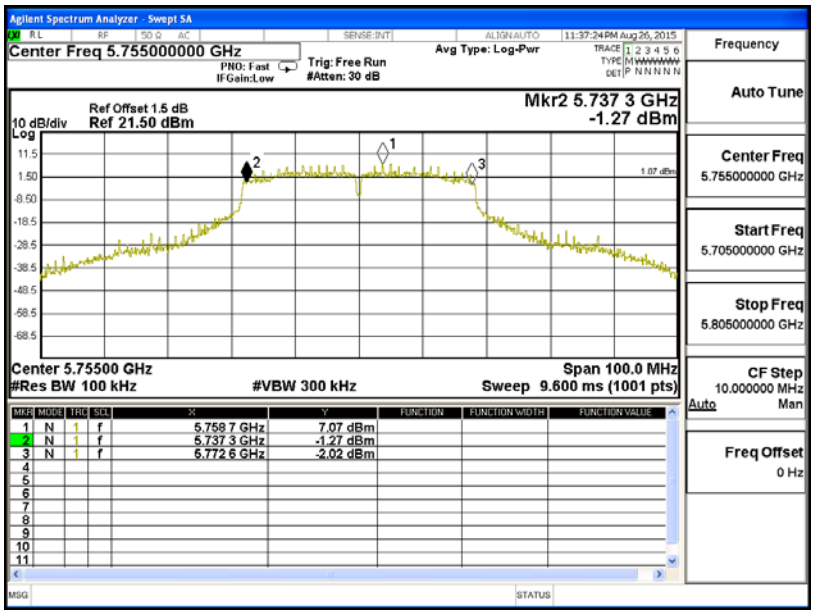
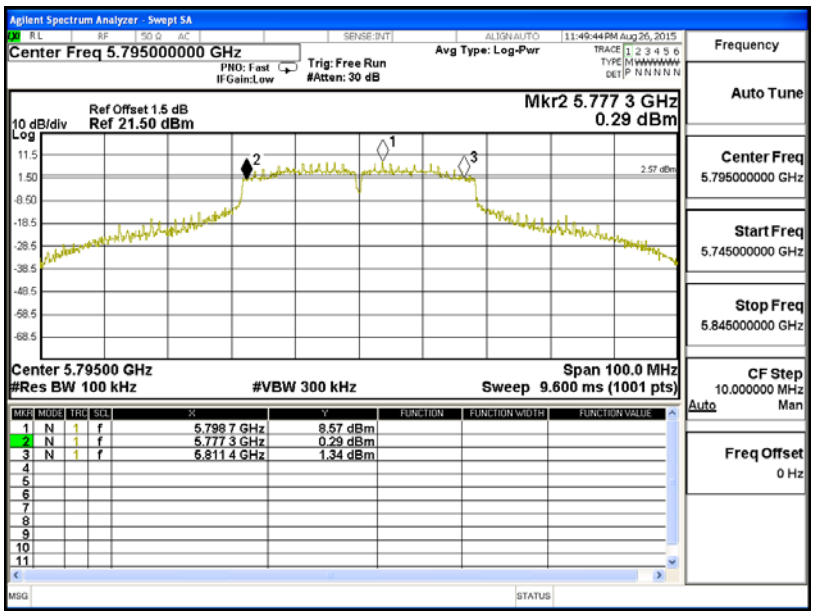


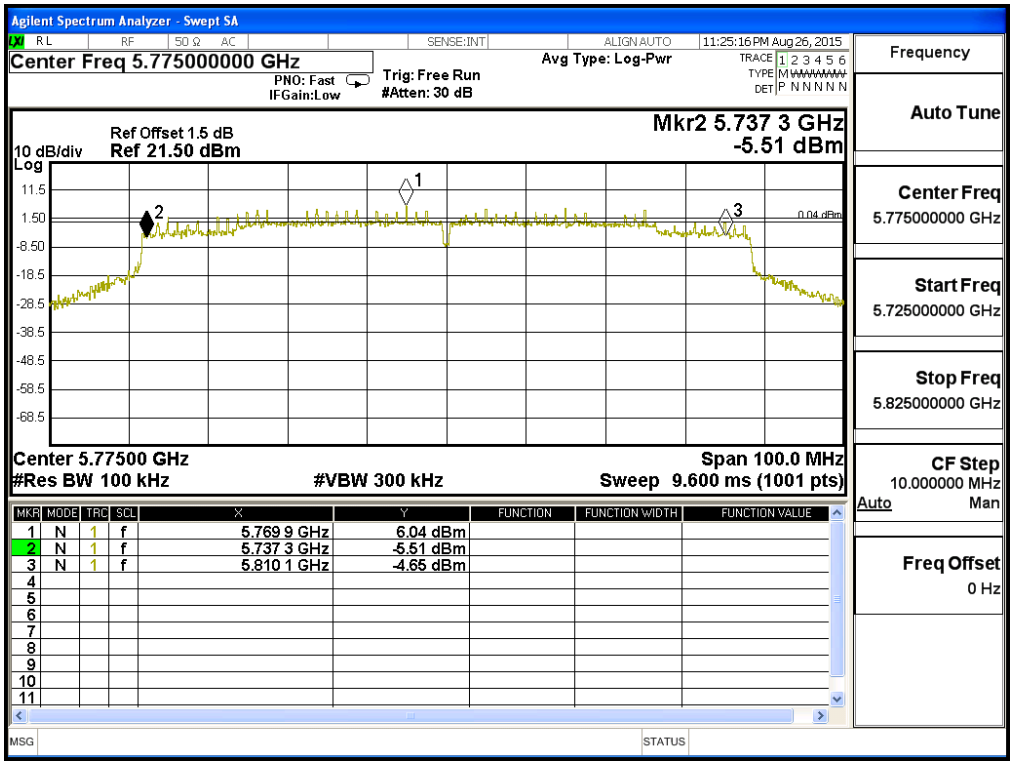
Figure Channel 159



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-32.5Mbps)_SISO B

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	72800	>500	Pass

Figure Channel 155



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_MIMO

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	A	15150	>500	Pass
157	5785	A	15200	>500	Pass
165	5825	A	15200	>500	Pass
149	5745	B	16400	>500	Pass
157	5785	B	16350	>500	Pass
165	5825	B	15800	>500	Pass

Figure Channel 149 (Chain A)

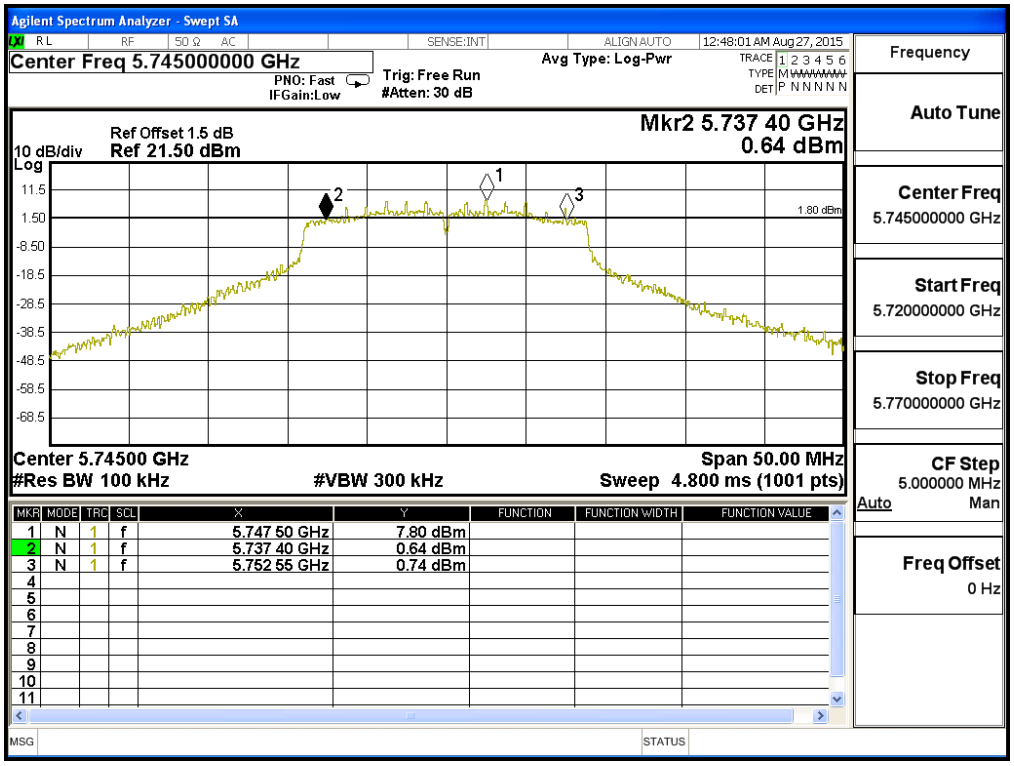


Figure Channel 149 (Chain B)

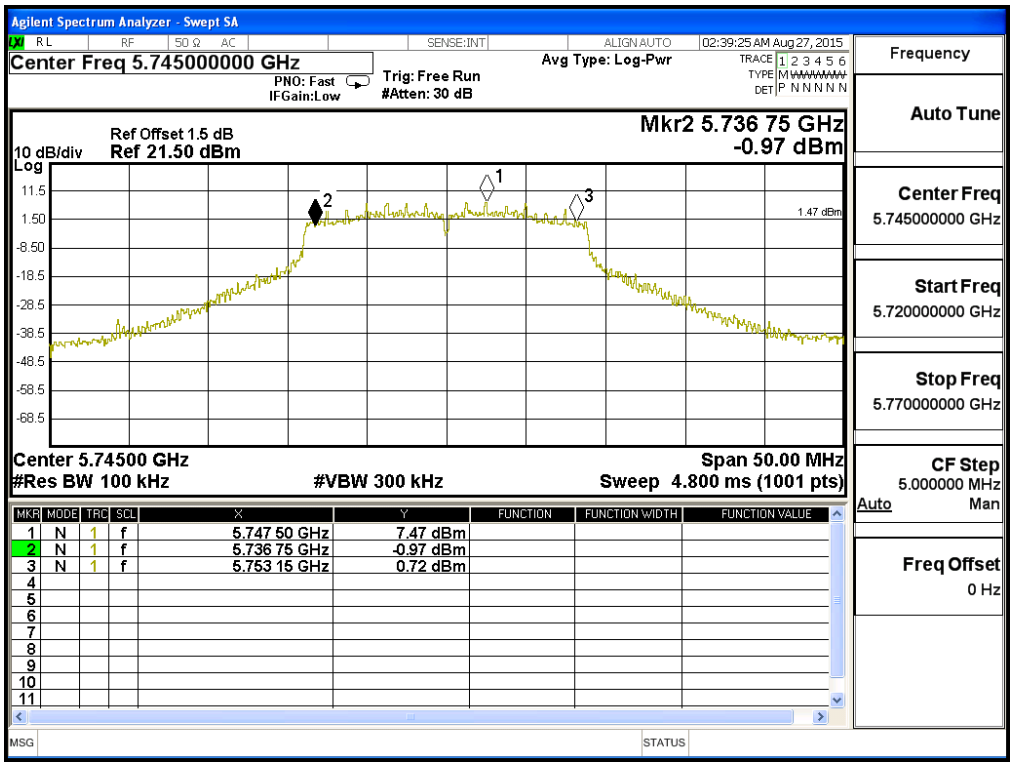


Figure Channel 157 (Chain A)

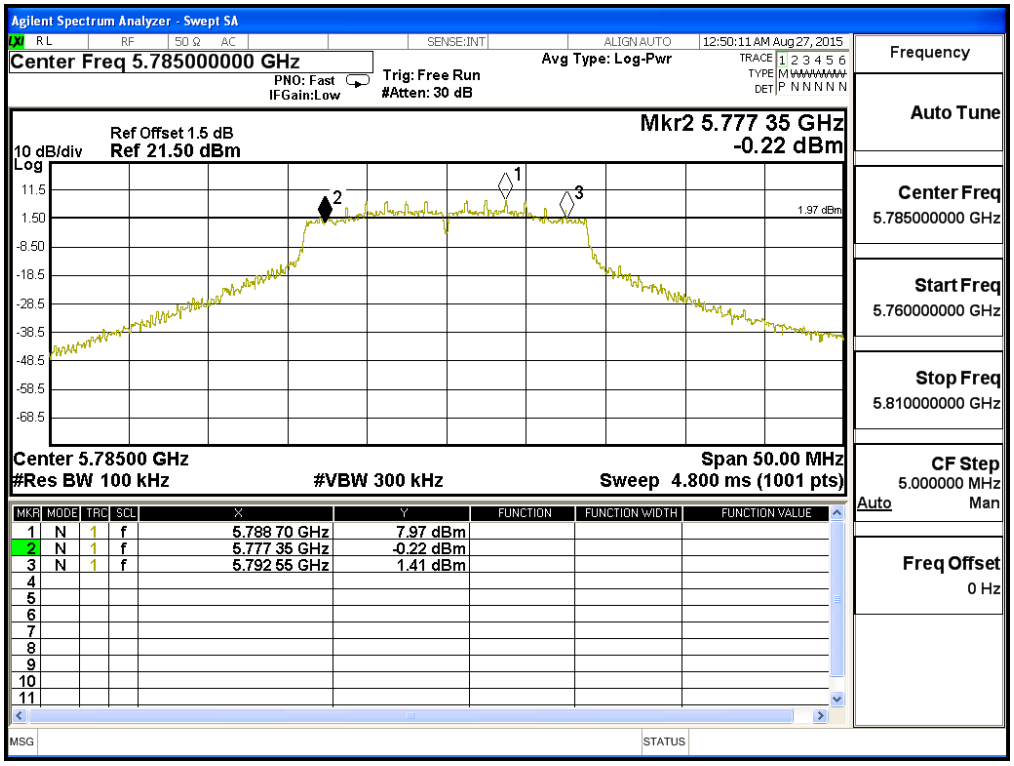


Figure Channel 157 (Chain B)

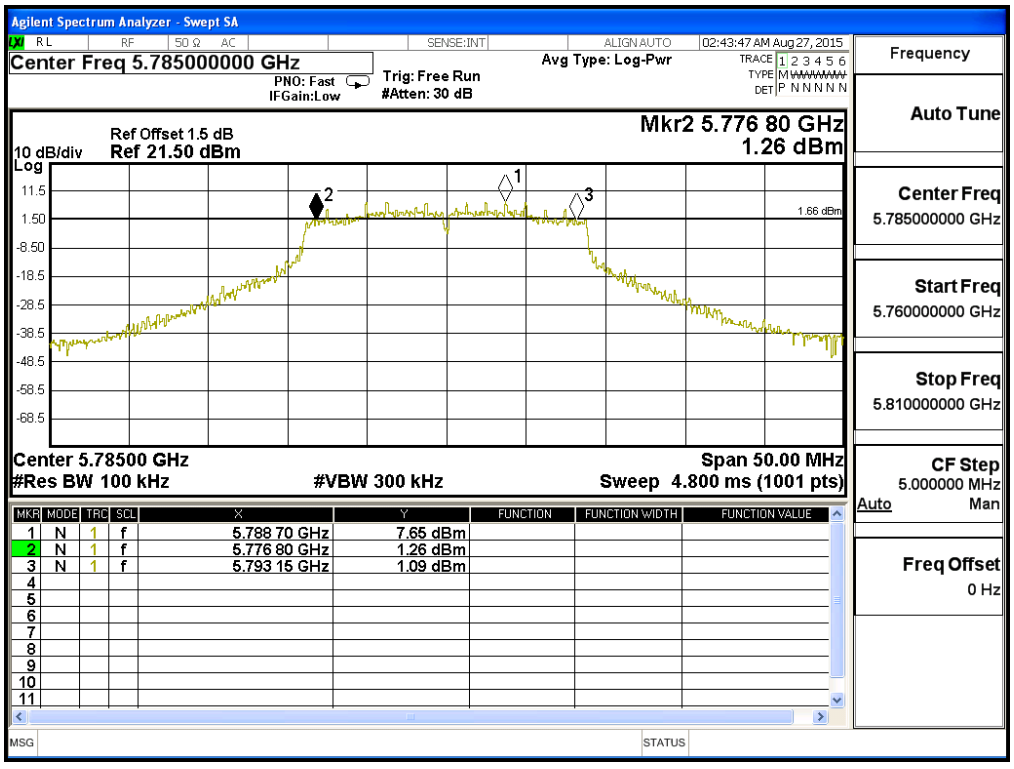


Figure Channel 165 (Chain A)

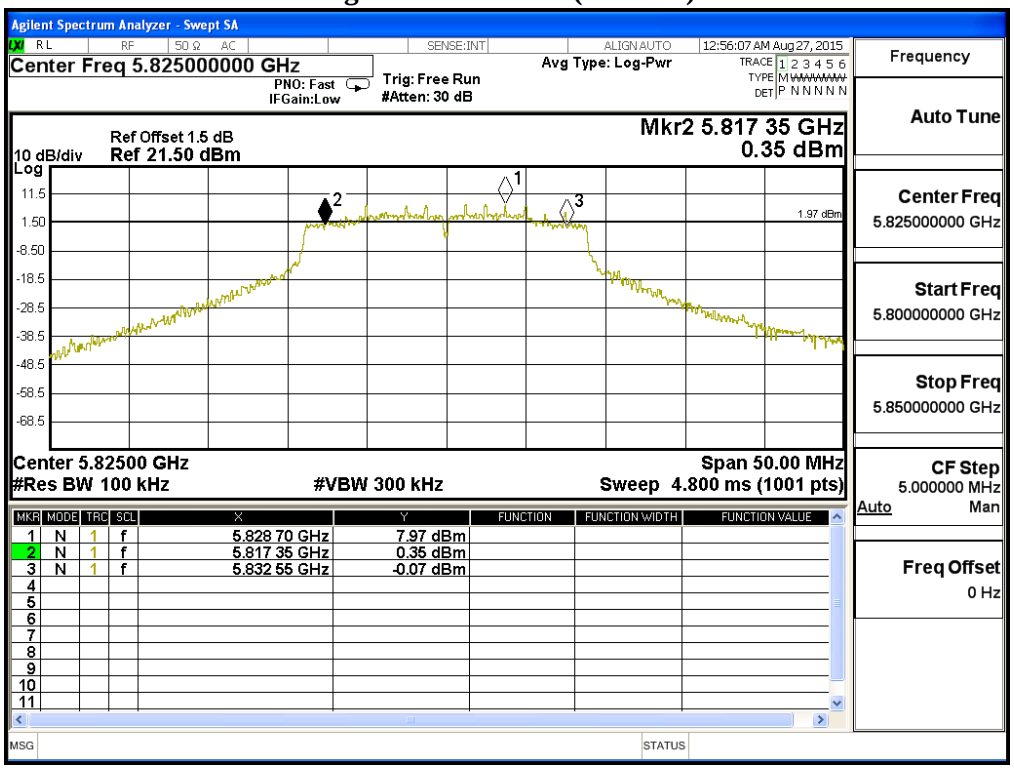
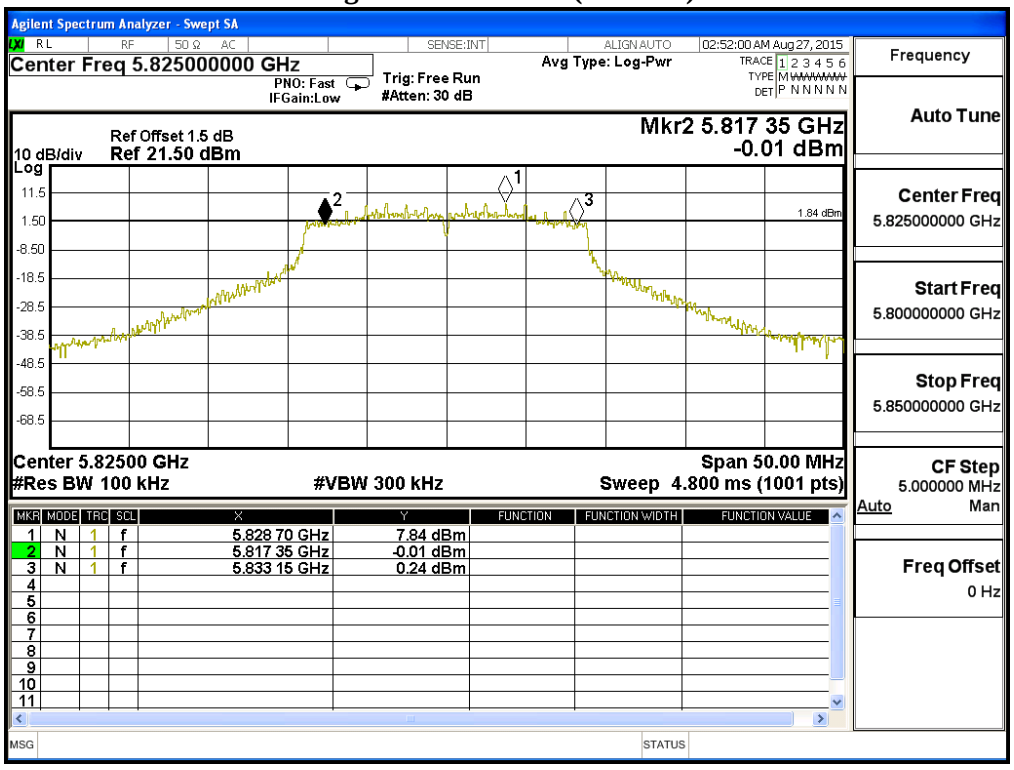


Figure Channel 165 (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_MIMO

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755	A	35300	>500	Pass
159	5795	A	35300	>500	Pass
151	5755	B	35300	>500	Pass
159	5795	B	35300	>500	Pass

Figure Channel 151 (Chain A)

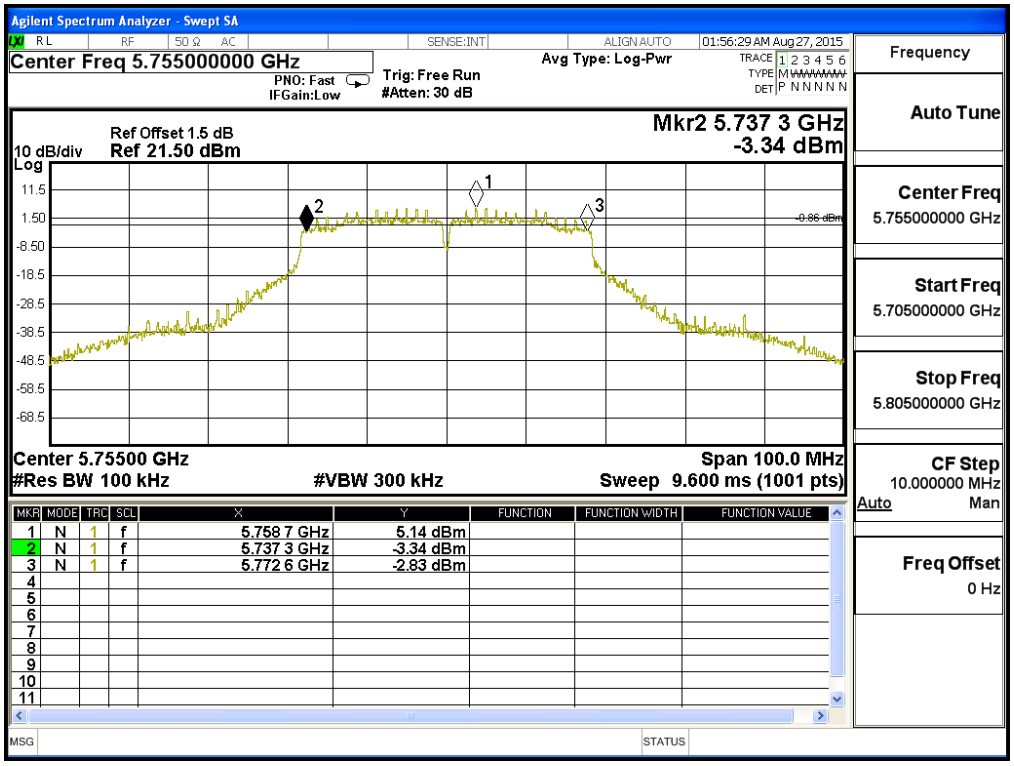


Figure Channel 151 (Chain B)

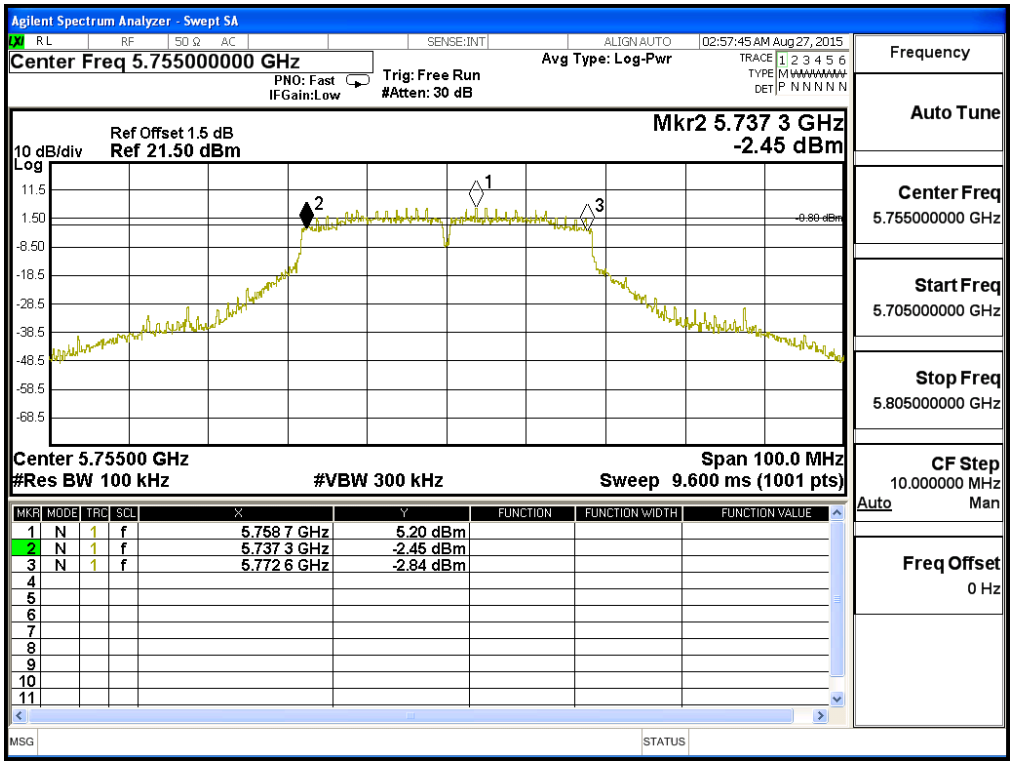


Figure Channel 159 (Chain A)

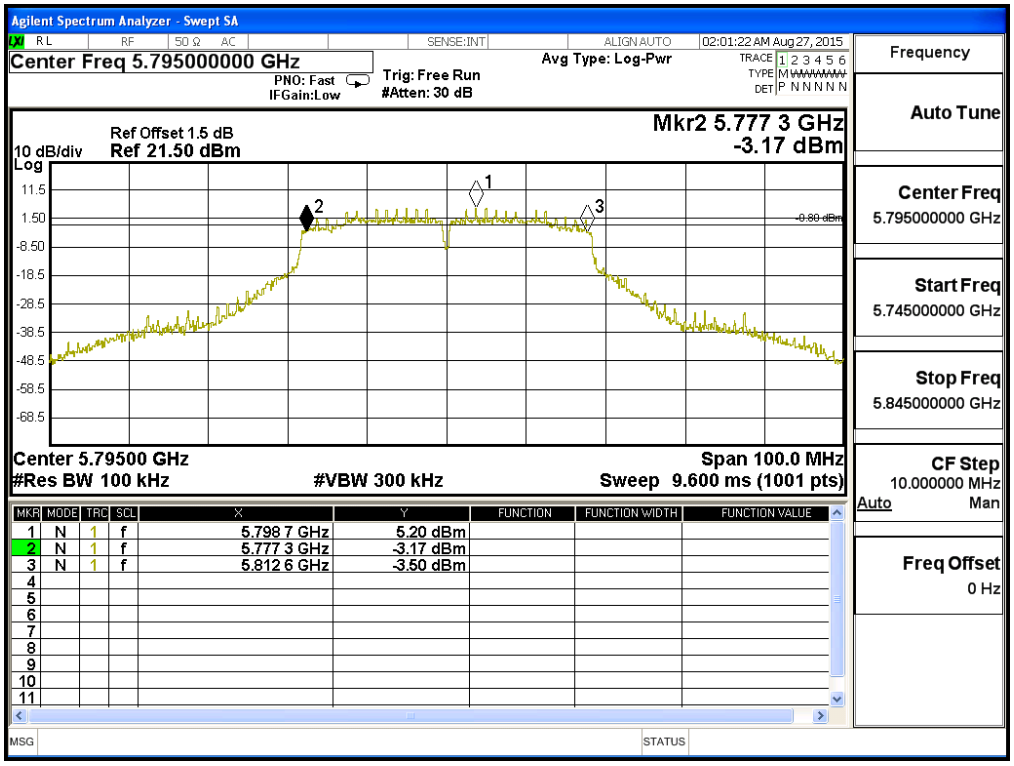
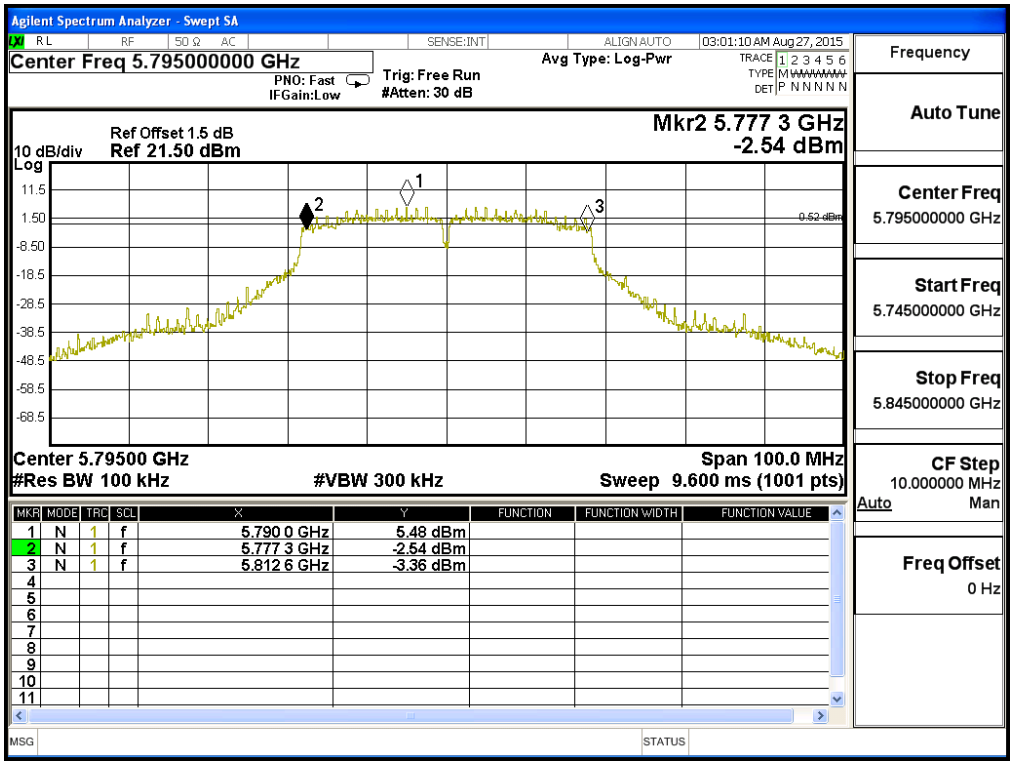


Figure Channel 159 (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_MIMO

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775	A	72800	>500	Pass
155	5775	B	72800	>500	Pass

Figure Channel 155 (Chain A)

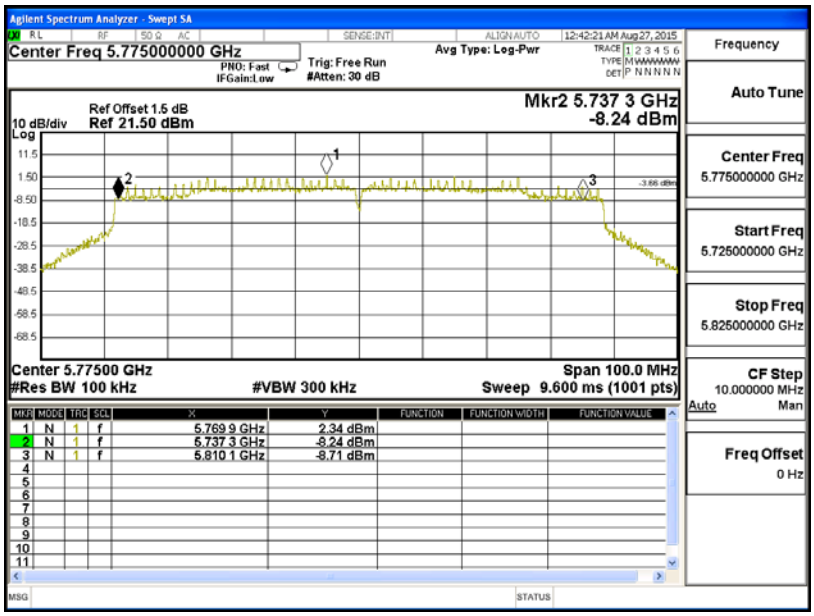
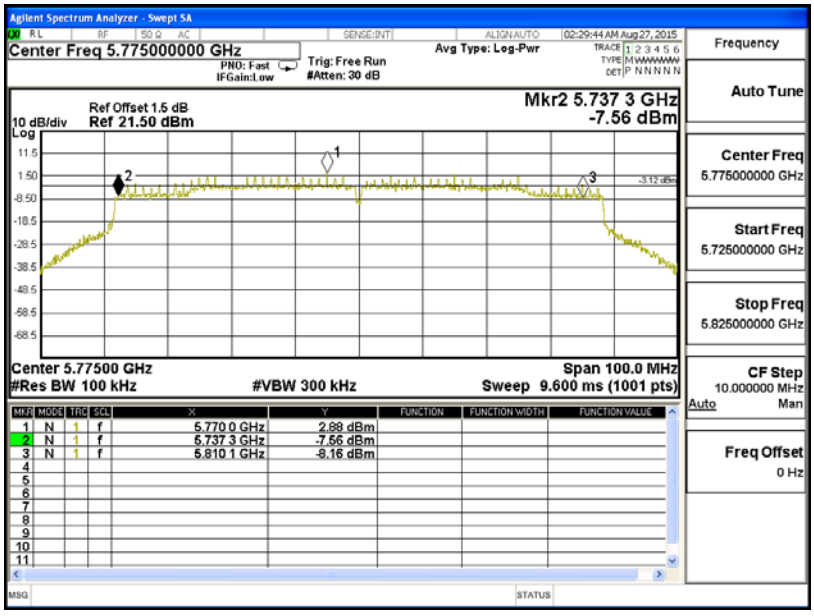


Figure Channel 155 (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)_Beamforming

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	A	15450	>500	Pass
157	5785	A	15250	>500	Pass
165	5825	A	14000	>500	Pass
149	5745	B	15100	>500	Pass
157	5785	B	15200	>500	Pass
165	5825	B	15150	>500	Pass

Figure Channel 149 (Chain A)

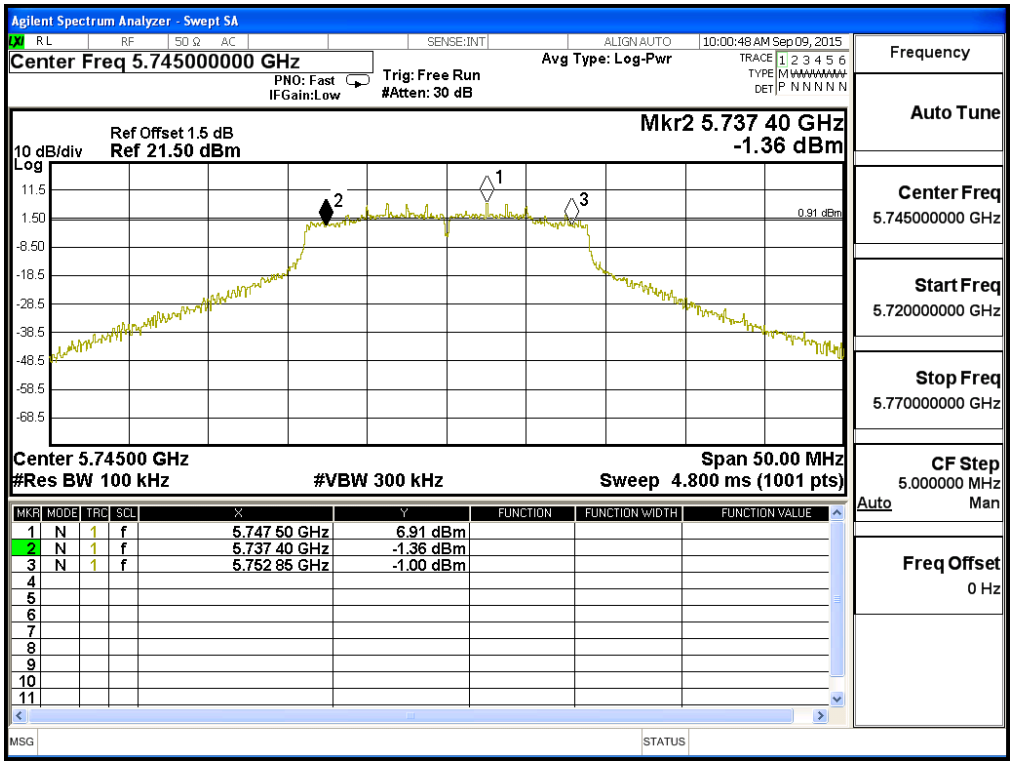


Figure Channel 149 (Chain B)

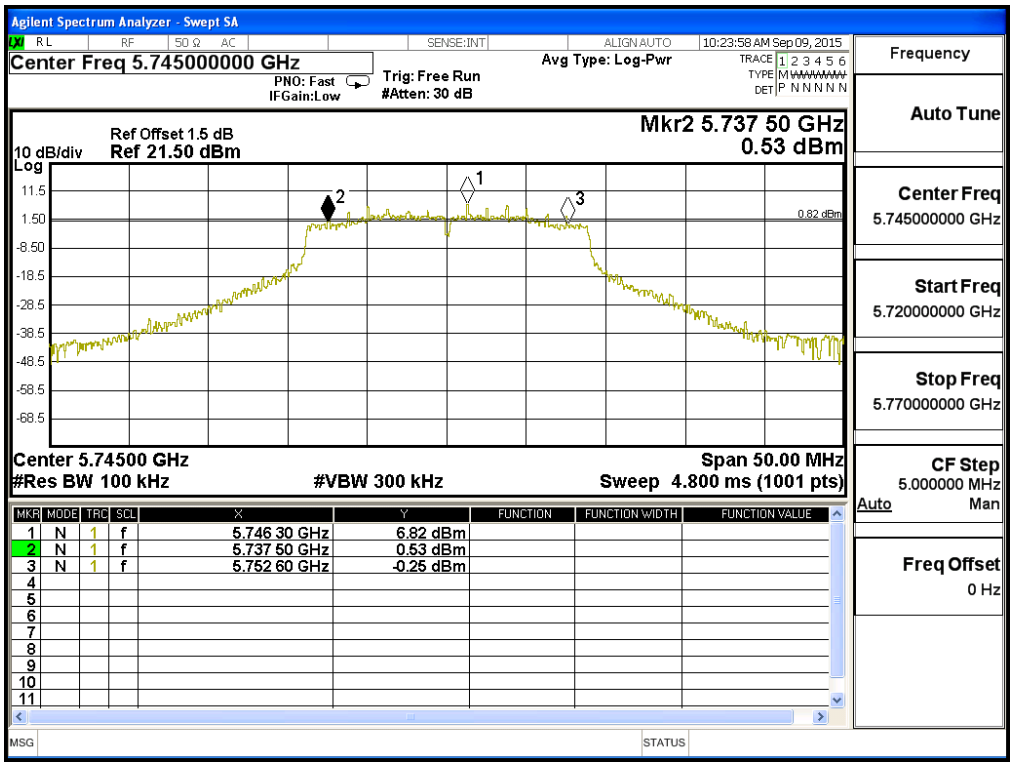


Figure Channel 157 (Chain A)

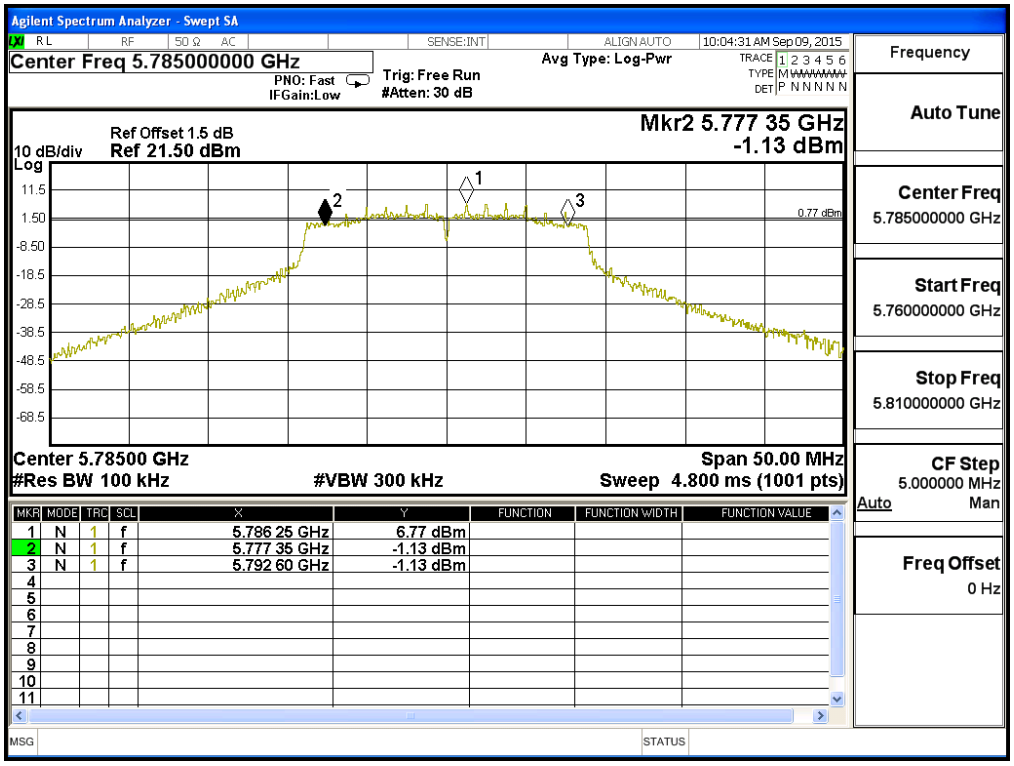


Figure Channel 157 (Chain B)

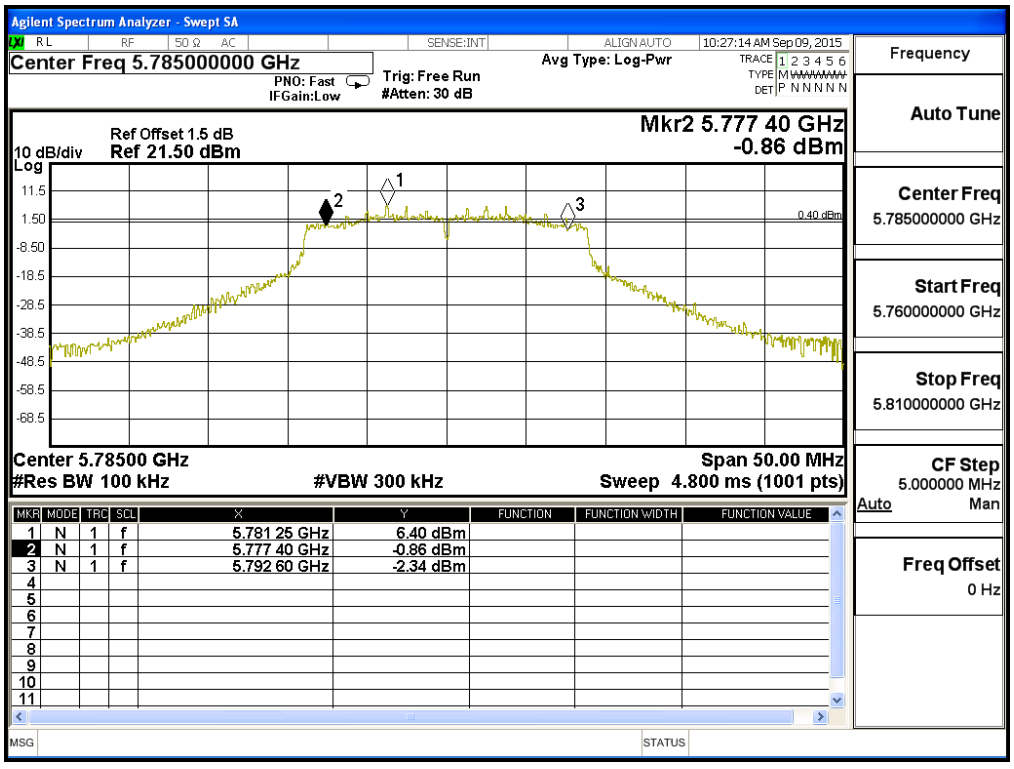


Figure Channel 165 (Chain A)

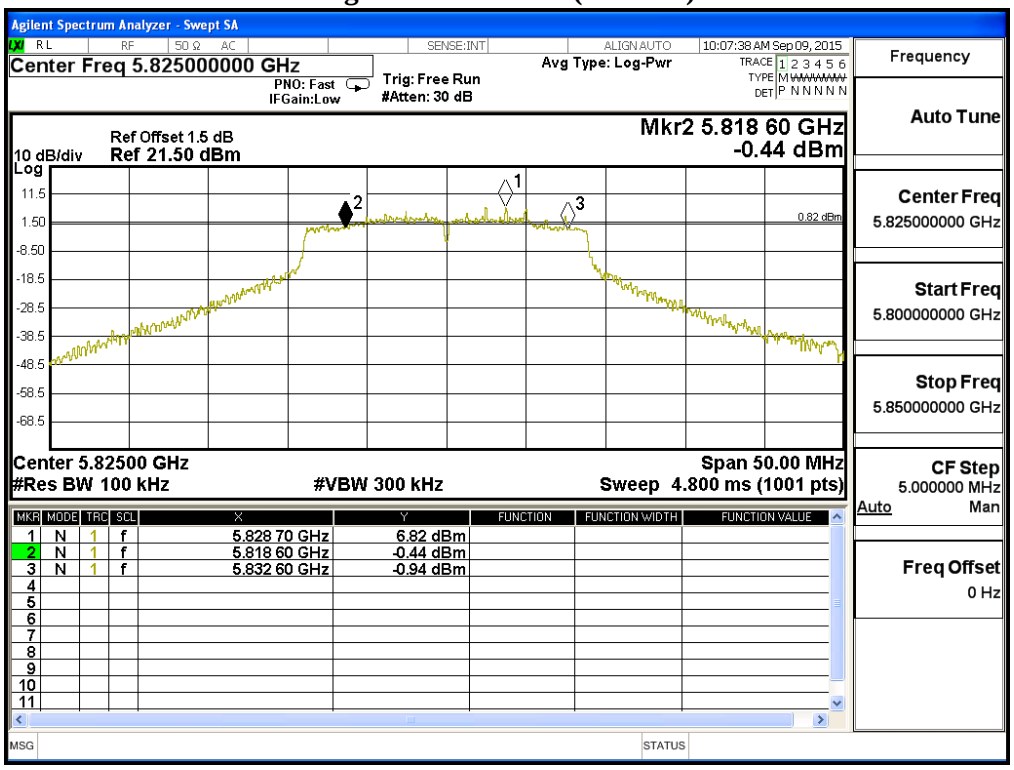
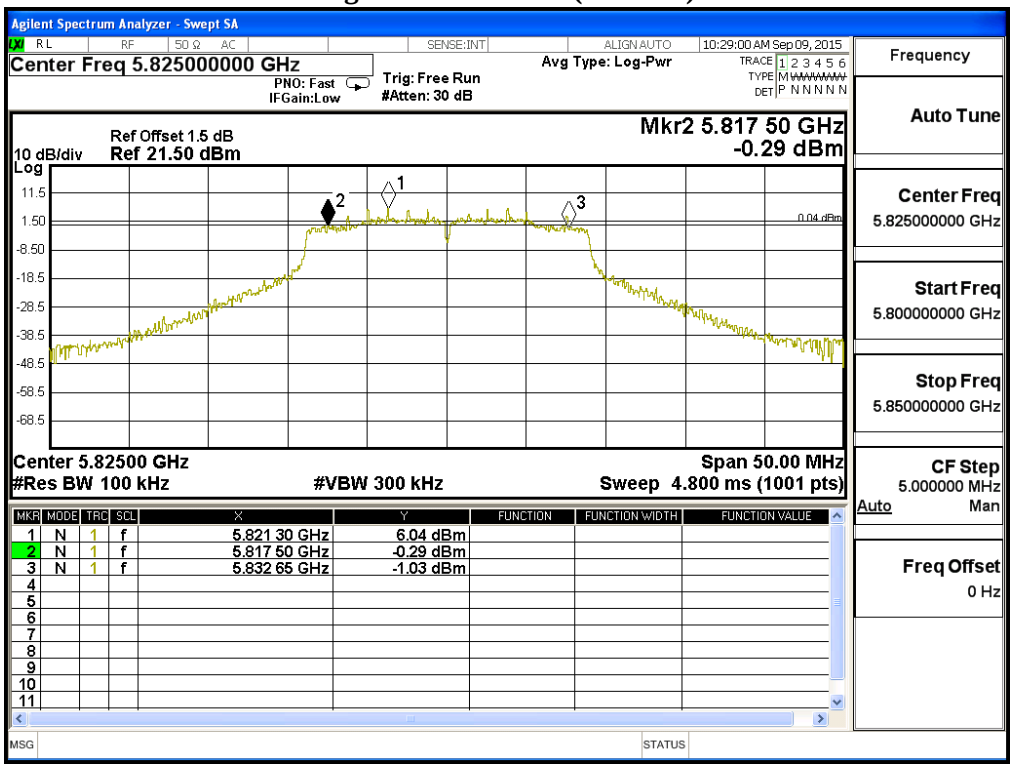


Figure Channel 165 (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmitter (802.11n-40BW 30Mbps)_Beamforming

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755	A	35300	>500	Pass
159	5795	A	35300	>500	Pass
151	5755	B	35300	>500	Pass
159	5795	B	35300	>500	Pass

Figure Channel 151 (Chain A)

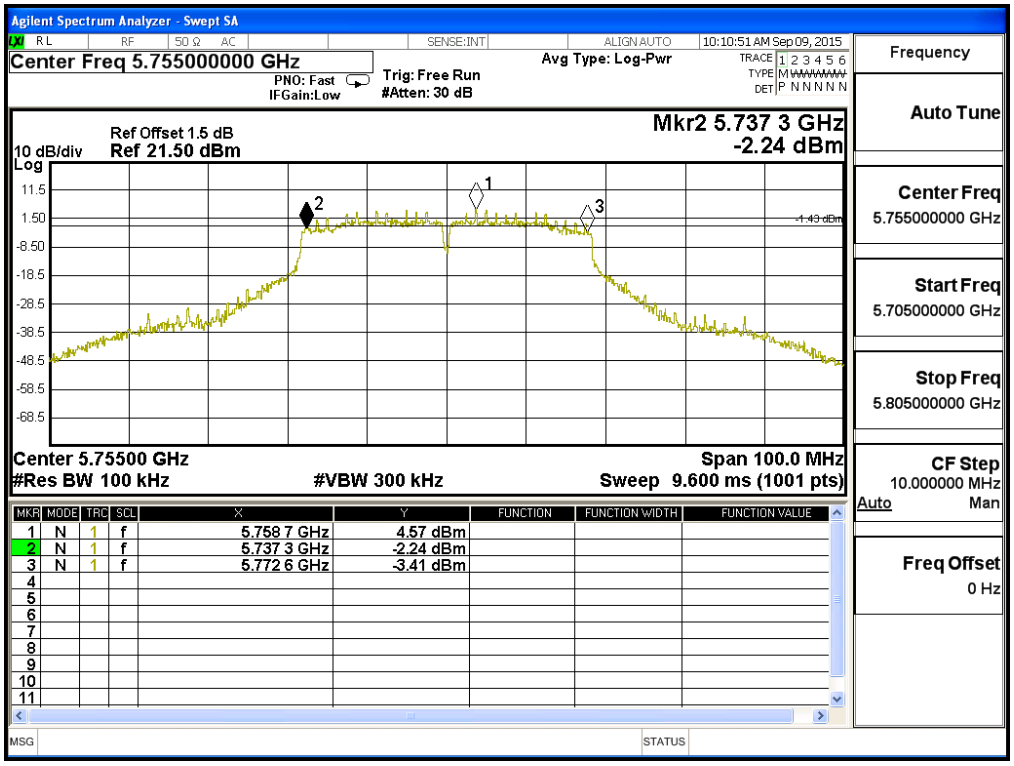


Figure Channel 151 (Chain B)

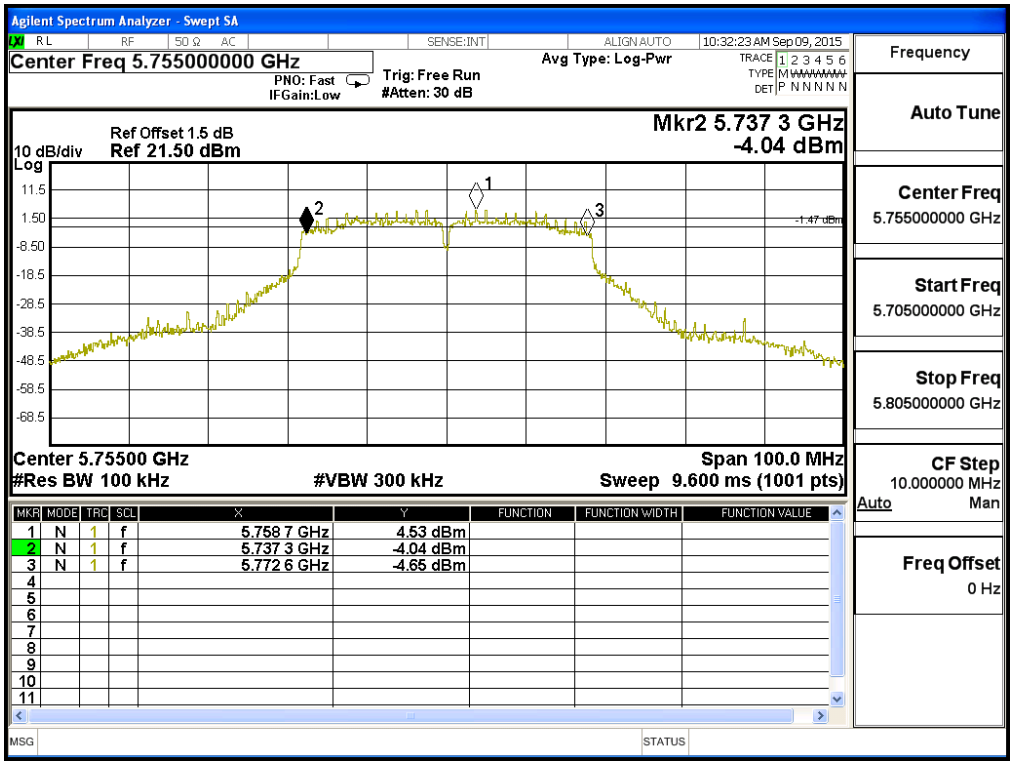


Figure Channel 159 (Chain A)

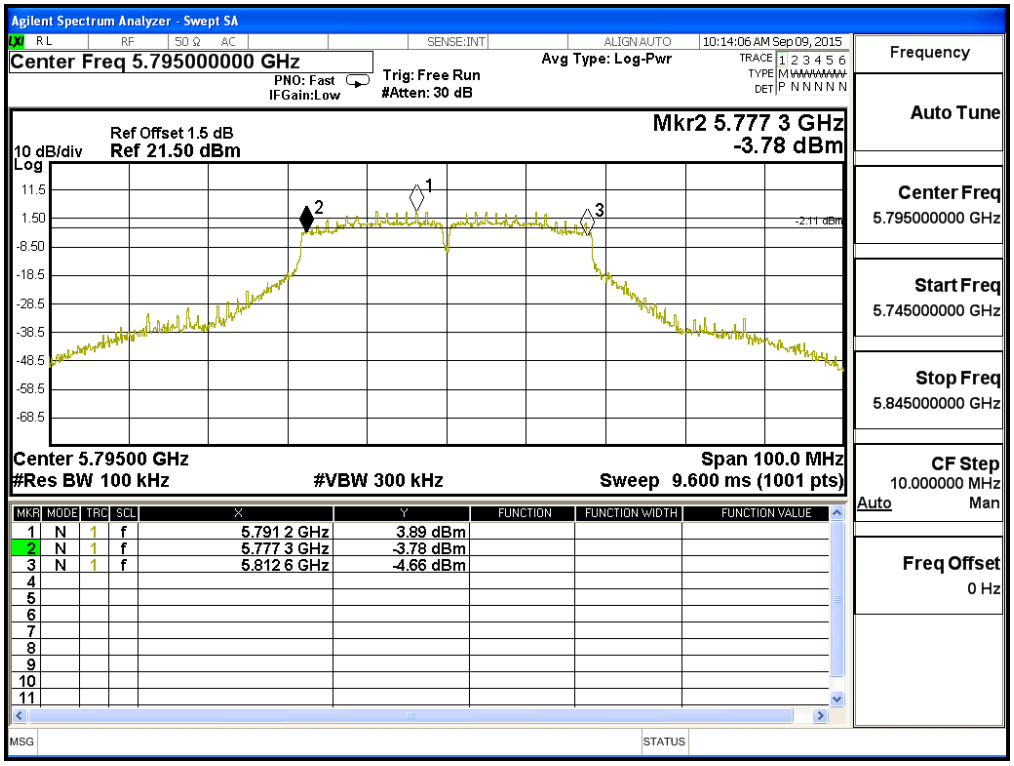
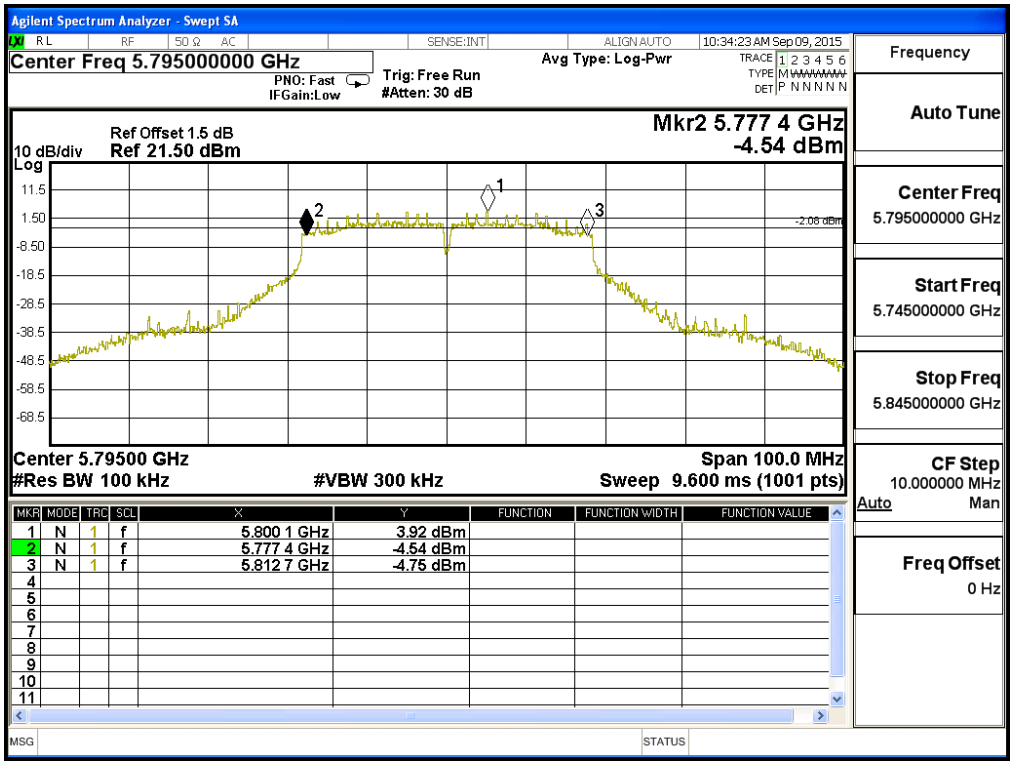


Figure Channel 159 (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Occupied Bandwidth Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmitter (802.11ac-80BW-65Mbps)_Beamforming

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775	A	72800	>500	Pass
155	5775	B	72800	>500	Pass

Figure Channel 155 (Chain A)

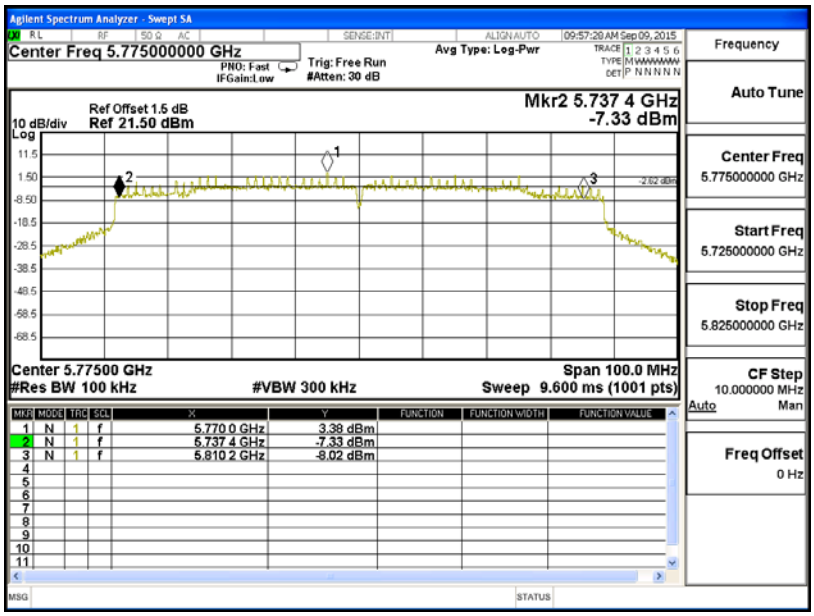
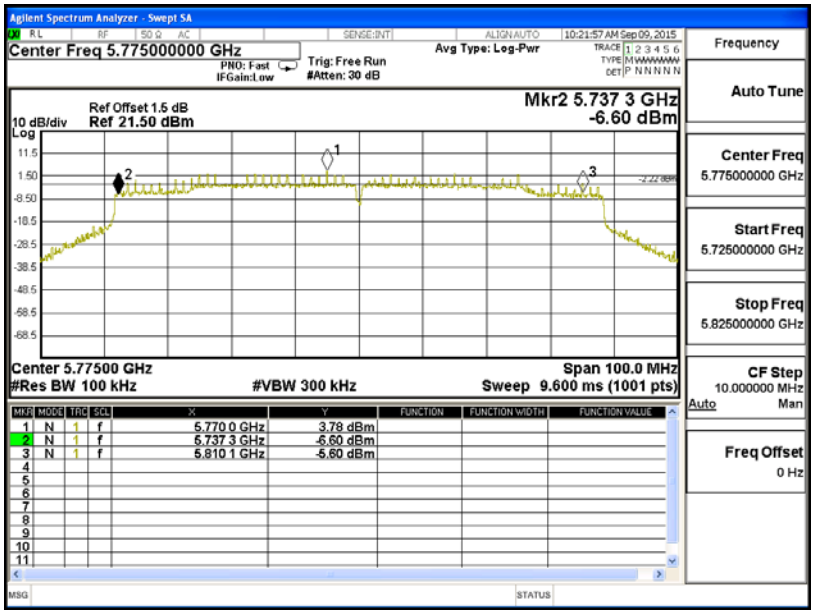


Figure Channel 155 (Chain B)



8. Frequency Stability

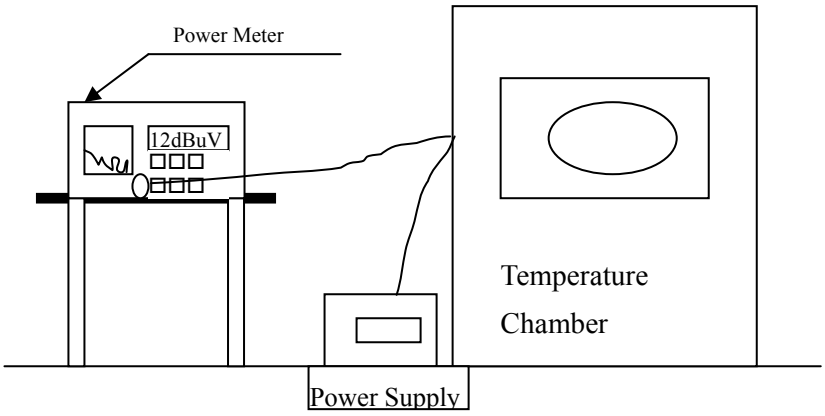
8.1. Test Equipment

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

8.2. Test Setup



8.3. Limits

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

8.4. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

8.5. Uncertainty

± 150 Hz

8.6. Test Result of Frequency Stability

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Frequency Stability
Test Site : Temperature Chamber
Test Mode : Carrier Wave (SISO A)

Test Conditions		Channel	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	149	5745.0000	5745.0024	-0.0024
		151	5755.0000	5755.0054	-0.0054
		157	5785.0000	5785.0025	-0.0025
		159	5795.0000	5795.0024	-0.0024
		165	5825.0000	5825.0347	-0.0347
Tmax (70)℃	Vmax (138)V	149	5745.0000	5745.0034	-0.0034
		151	5755.0000	5755.0021	-0.0021
		157	5785.0000	5785.0025	-0.0025
		159	5795.0000	5795.0035	-0.0035
		165	5825.0000	5825.0034	-0.0034
Tmax (70)℃	Vmin (102)V	149	5745.0000	5745.0066	-0.0066
		151	5755.0000	5755.0027	-0.0027
		157	5785.0000	5785.0025	-0.0025
		159	5795.0000	5795.0088	-0.0088
		165	5825.0000	5825.0078	-0.0078
Tmin (-10)℃	Vmax (138)V	149	5745.0000	5745.0025	-0.0025
		151	5755.0000	5755.0057	-0.0057
		157	5785.0000	5785.0029	-0.0029
		159	5795.0000	5795.0027	-0.0027
		165	5825.0000	5825.0059	-0.0059
Tmin (-10)℃	Vmin (102)V	149	5745.0000	5745.0025	-0.0025
		151	5755.0000	5755.0057	-0.0057
		157	5785.0000	5785.0029	-0.0029
		159	5795.0000	5795.0027	-0.0027
		165	5825.0000	5825.0059	-0.0059

Test Conditions		Channel	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	155	5775.0000	5775.0029	-0.0029
Tmax (70)℃	Vmax (138)V	155	5775.0000	5775.0057	-0.0057
Tmax (70)℃	Vmin (102)V	155	5775.0000	5775.0039	-0.0039
Tmin (-10)℃	Vmax (138)V	155	5775.0000	5775.0105	-0.0105
Tmin (-10)℃	Vmin (102)V	155	5775.0000	5775.0304	-0.0304

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Frequency Stability
Test Site : Temperature Chamber
Test Mode : Carrier Wave (SISO B)

Test Conditions		Channel	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	149	5745.0000	5745.0024	-0.0024
		151	5755.0000	5755.0054	-0.0054
		157	5785.0000	5785.0025	-0.0025
		159	5795.0000	5795.0024	-0.0024
		165	5825.0000	5825.0347	-0.0347
Tmax (70)℃	Vmax (138)V	149	5745.0000	5745.0034	-0.0034
		151	5755.0000	5755.0021	-0.0021
		157	5785.0000	5785.0025	-0.0025
		159	5795.0000	5795.0035	-0.0035
		165	5825.0000	5825.0034	-0.0034
Tmax (70)℃	Vmin (102)V	149	5745.0000	5745.0066	-0.0066
		151	5755.0000	5755.0027	-0.0027
		157	5785.0000	5785.0025	-0.0025
		159	5795.0000	5795.0088	-0.0088
		165	5825.0000	5825.0078	-0.0078
Tmin (-10)℃	Vmax (138)V	149	5745.0000	5745.0025	-0.0025
		151	5755.0000	5755.0057	-0.0057
		157	5785.0000	5785.0029	-0.0029
		159	5795.0000	5795.0027	-0.0027
		165	5825.0000	5825.0059	-0.0059
Tmin (-10)℃	Vmin (102)V	149	5745.0000	5745.0025	-0.0025
		151	5755.0000	5755.0057	-0.0057
		157	5785.0000	5785.0029	-0.0029
		159	5795.0000	5795.0027	-0.0027
		165	5825.0000	5825.0059	-0.0059

Test Conditions		Channel	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	155	5775.0000	5775.0029	-0.0029
Tmax (70)℃	Vmax (138)V	155	5775.0000	5775.0057	-0.0057
Tmax (70)℃	Vmin (102)V	155	5775.0000	5775.0039	-0.0039
Tmin (-10)℃	Vmax (138)V	155	5775.0000	5775.0105	-0.0105
Tmin (-10)℃	Vmin (102)V	155	5775.0000	5775.0304	-0.0304

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Frequency Stability
Test Site : Temperature Chamber
Test Mode : Carrier Wave (MIMO)

Test Conditions		Channel	Chain	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	149	A	5745.0000	5745.0024	-0.0024
		151	A	5755.0000	5755.0054	-0.0054
		157	A	5785.0000	5785.0025	-0.0025
		159	A	5795.0000	5795.0024	-0.0024
		165	A	5825.0000	5825.0347	-0.0347
Tmax (70)℃	Vmax (138)V	149	A	5745.0000	5745.0066	-0.0066
		151	A	5755.0000	5755.0027	-0.0027
		157	A	5785.0000	5785.0025	-0.0025
		159	A	5795.0000	5795.0088	-0.0088
		165	A	5825.0000	5825.0078	-0.0078
Tmax (70)℃	Vmin (102)V	149	A	5745.0000	5745.0031	-0.0031
		151	A	5755.0000	5755.0027	-0.0027
		157	A	5785.0000	5785.0026	-0.0026
		159	A	5795.0000	5795.0036	-0.0036
		165	A	5825.0000	5825.0035	-0.0035
Tmin (-10)℃	Vmax (138)V	149	A	5745.0000	5745.0033	-0.0033
		151	A	5755.0000	5755.0021	-0.0021
		157	A	5785.0000	5785.0021	-0.0021
		159	A	5795.0000	5795.0038	-0.0038
		165	A	5825.0000	5825.0037	-0.0037
Tmin (-10)℃	Vmin (102)V	149	A	5745.0000	5745.0033	-0.0033
		151	A	5755.0000	5755.0021	-0.0021
		157	A	5785.0000	5785.0021	-0.0021
		159	A	5795.0000	5795.0038	-0.0038
		165	A	5825.0000	5825.0037	-0.0037

Test Conditions		Channel	Chain	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	149	B	5745.0000	5745.0034	-0.0034
		151	B	5755.0000	5755.0021	-0.0021
		157	B	5785.0000	5785.0025	-0.0025
		159	B	5795.0000	5795.0035	-0.0035
		165	B	5825.0000	5825.0034	-0.0034
Tmax (70)℃	Vmax (138)V	149	B	5745.0000	5745.0025	-0.0025
		151	B	5755.0000	5755.0057	-0.0057
		157	B	5785.0000	5785.0029	-0.0029
		159	B	5795.0000	5795.0027	-0.0027
		165	B	5825.0000	5825.0059	-0.0059
Tmax (70)℃	Vmin (102)V	149	B	5745.0000	5745.0066	-0.0066
		151	B	5755.0000	5755.0058	-0.0058
		157	B	5785.0000	5785.0081	-0.0081
		159	B	5795.0000	5795.0041	-0.0041
		165	B	5825.0000	5825.0032	-0.0032
Tmin (-10)℃	Vmax (138)V	149	B	5745.0000	5745.0069	-0.0069
		151	B	5755.0000	5755.0058	-0.0058
		157	B	5785.0000	5785.0087	-0.0087
		159	B	5795.0000	5795.0047	-0.0047
		165	B	5825.0000	5825.0036	-0.0036
Tmin (-10)℃	Vmin (102)V	149	B	5745.0000	5745.0064	-0.0064
		151	B	5755.0000	5755.0052	-0.0052
		157	B	5785.0000	5785.0083	-0.0083
		159	B	5795.0000	5795.0041	-0.0041
		165	B	5825.0000	5825.0038	-0.0038

Test Conditions		Channel	Chain	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	155	A	5775.0000	5775.0025	-0.0025
Tmax (70)℃	Vmax (138)V	155	A	5775.0000	5775.0081	-0.0081
Tmax (70)℃	Vmin (102)V	155	A	5775.0000	5775.0085	-0.0085
Tmin (-10)℃	Vmax (138)V	155	A	5775.0000	5775.0074	-0.0074
Tmin (-10)℃	Vmin (102)V	155	A	5775.0000	5775.0074	-0.0074
Tnom (20)℃	Vnom (120)V	155	B	5775.0000	5775.0036	-0.0036
Tmax (70)℃	Vmax (138)V	155	B	5775.0000	5775.0035	-0.0035
Tmax (70)℃	Vmin (102)V	155	B	5775.0000	5775.0025	-0.0025
Tmin (-10)℃	Vmax (138)V	155	B	5775.0000	5775.0105	-0.0105
Tmin (-10)℃	Vmin (102)V	155	B	5775.0000	5775.0014	-0.0014

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Frequency Stability
Test Site : Temperature Chamber
Test Mode : Carrier Wave (Beamforming)

Test Conditions		Channel	Chain	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	149	A	5745.0000	5745.0024	-0.0024
		151	A	5755.0000	5755.0054	-0.0054
		157	A	5785.0000	5785.0025	-0.0025
		159	A	5795.0000	5795.0024	-0.0024
		165	A	5825.0000	5825.0347	-0.0347
Tmax (70)℃	Vmax (138)V	149	A	5745.0000	5745.0066	-0.0066
		151	A	5755.0000	5755.0027	-0.0027
		157	A	5785.0000	5785.0025	-0.0025
		159	A	5795.0000	5795.0088	-0.0088
		165	A	5825.0000	5825.0078	-0.0078
Tmax (70)℃	Vmin (102)V	149	A	5745.0000	5745.0031	-0.0031
		151	A	5755.0000	5755.0027	-0.0027
		157	A	5785.0000	5785.0026	-0.0026
		159	A	5795.0000	5795.0036	-0.0036
		165	A	5825.0000	5825.0035	-0.0035
Tmin (-10)℃	Vmax (138)V	149	A	5745.0000	5745.0033	-0.0033
		151	A	5755.0000	5755.0021	-0.0021
		157	A	5785.0000	5785.0021	-0.0021
		159	A	5795.0000	5795.0038	-0.0038
		165	A	5825.0000	5825.0037	-0.0037
Tmin (-10)℃	Vmin (102)V	149	A	5745.0000	5745.0033	-0.0033
		151	A	5755.0000	5755.0021	-0.0021
		157	A	5785.0000	5785.0021	-0.0021
		159	A	5795.0000	5795.0038	-0.0038
		165	A	5825.0000	5825.0037	-0.0037

Test Conditions		Channel	Chain	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	149	B	5745.0000	5745.0034	-0.0034
		151	B	5755.0000	5755.0021	-0.0021
		157	B	5785.0000	5785.0025	-0.0025
		159	B	5795.0000	5795.0035	-0.0035
		165	B	5825.0000	5825.0034	-0.0034
Tmax (70)℃	Vmax (138)V	149	B	5745.0000	5745.0025	-0.0025
		151	B	5755.0000	5755.0057	-0.0057
		157	B	5785.0000	5785.0029	-0.0029
		159	B	5795.0000	5795.0027	-0.0027
		165	B	5825.0000	5825.0059	-0.0059
Tmax (70)℃	Vmin (102)V	149	B	5745.0000	5745.0066	-0.0066
		151	B	5755.0000	5755.0058	-0.0058
		157	B	5785.0000	5785.0081	-0.0081
		159	B	5795.0000	5795.0041	-0.0041
		165	B	5825.0000	5825.0032	-0.0032
Tmin (-10)℃	Vmax (138)V	149	B	5745.0000	5745.0069	-0.0069
		151	B	5755.0000	5755.0058	-0.0058
		157	B	5785.0000	5785.0087	-0.0087
		159	B	5795.0000	5795.0047	-0.0047
		165	B	5825.0000	5825.0036	-0.0036
Tmin (-10)℃	Vmin (102)V	149	B	5745.0000	5745.0064	-0.0064
		151	B	5755.0000	5755.0052	-0.0052
		157	B	5785.0000	5785.0083	-0.0083
		159	B	5795.0000	5795.0041	-0.0041
		165	B	5825.0000	5825.0038	-0.0038

Test Conditions		Channel	Chain	Frequency (MHz)	Spectrum Frequency (MHz)	△F (MHz)
Tnom (20)℃	Vnom (120)V	155	A	5775.0000	5775.0025	-0.0025
Tmax (70)℃	Vmax (138)V	155	A	5775.0000	5775.0081	-0.0081
Tmax (70)℃	Vmin (102)V	155	A	5775.0000	5775.0085	-0.0085
Tmin (-10)℃	Vmax (138)V	155	A	5775.0000	5775.0074	-0.0074
Tmin (-10)℃	Vmin (102)V	155	A	5775.0000	5775.0074	-0.0074
Tnom (20)℃	Vnom (120)V	155	B	5775.0000	5775.0036	-0.0036
Tmax (70)℃	Vmax (138)V	155	B	5775.0000	5775.0035	-0.0035
Tmax (70)℃	Vmin (102)V	155	B	5775.0000	5775.0025	-0.0025
Tmin (-10)℃	Vmax (138)V	155	B	5775.0000	5775.0105	-0.0105
Tmin (-10)℃	Vmin (102)V	155	B	5775.0000	5775.0014	-0.0014

9. EMI Reduction Method During Compliance Testing

No modification was made during testing.

Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs