

FCC Test Report (Class II Permissive Change)

Product Name	Intel® Dual Band Wireless-AC 8260
Model No	8260NGW
FCC ID	PD98260NG, PD98260NGU

*FCC ID: PD98260NG (for OEM factory install)

*FCC ID: PD98260NGU (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	Jul. 21, 2015
Issued Date	Jul. 31, 2015
Report No.	1570524R-RFUSP05V00
Report Version	V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of QuieTek Corporation.

Test Report

Issued Date: Aug. 07, 2015

Report No.: 1570524R-RFUSP05V00



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.	8260NGW
FCC ID.	PD98260NG, PD98260NGU
EUT Rated Voltage	DC 3.3V (via Mini-PCI Express slot)
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 :

Jinn Chen

(Senior Adm. Specialist / Jinn Chen)

Tested By :

Alan Chen

(Engineer / Alan Chen)

Approved By :

(Director / Vincent Lin)

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Attachment 2: EUT Detailed Photographs		

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Dual Band Wireless-AC 8260
Trade Name	Intel
Model No.	8260NGW
FCC ID.	PD98260NG, PD98260NGU
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, n-40MHz: 2, ac-80MHz: 1
Data Rate	802.11a/g: 6-54Mbps, 802.11n: up to 300Mbps 802.11ac: up to 866.7Mbps
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	4.97 dBi for 5.725~5.850GHz

Note: 1. The antenna of EUT is conform to FCC 15.203.

802.11a/n-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 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:

	Duty Cycle	Duty Factor (dB)
802.11a	0.98	0.08
802.11n-20	0.98	0.09
802.11n-40	0.97	0.15
802.11ac-80	0.93	0.31

s

Note:

1. This device is an Intel® Dual Band Wireless-AC 8260 including an IEEE 802.11 a/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: PD98260NG (originally granted on 05/27/2015) and PD98260NGU (originally granted on 05/27/2015).

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 SISO A: Transmit (802.11a-6Mbps) Mode 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) Mode 1 SISO A: Transmit (802.11n-40BW-15Mbps) Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) Mode 2 SISO B: Transmit (802.11a-6Mbps) Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps)
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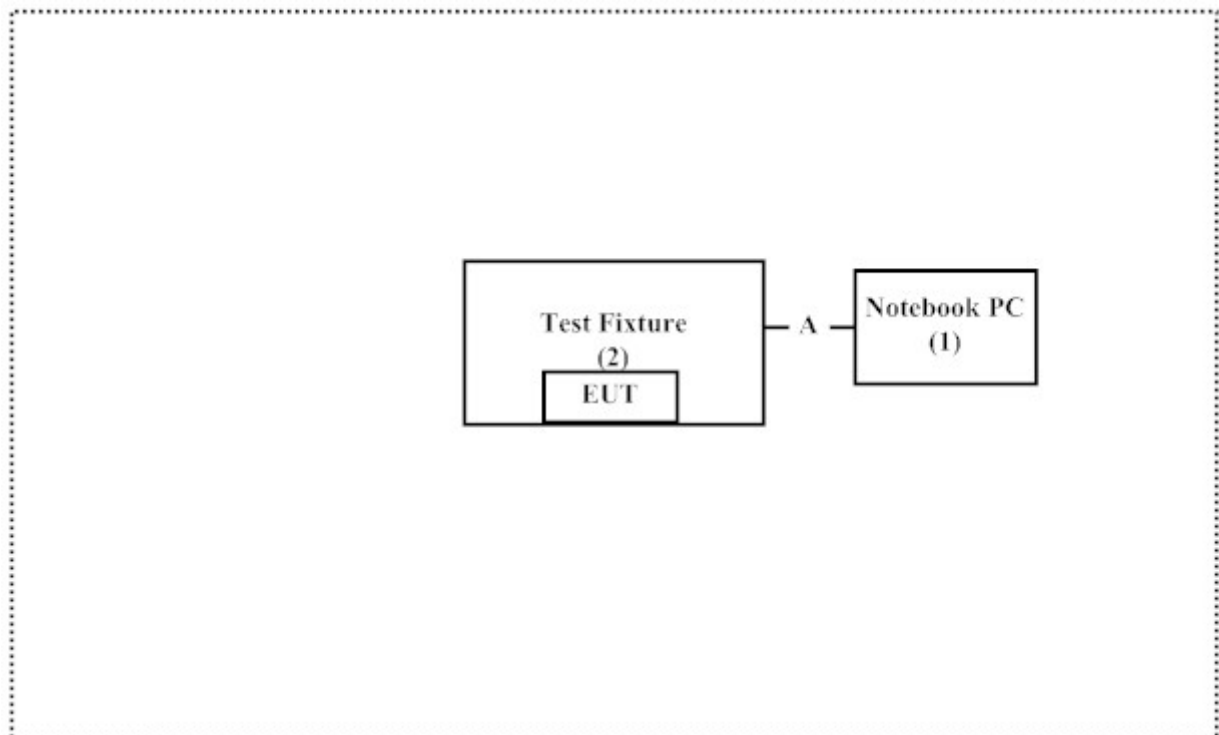
1.3. Tested System Details

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 Cable	Non-shielded, 1m

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 "DRTU (Ver 1.8.1-01253)" program on the Notebook PC.
- (3) Configure the test mode, the test channel, and the data rate.
- (4) Start the continuous transmission.
- (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 24451,
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

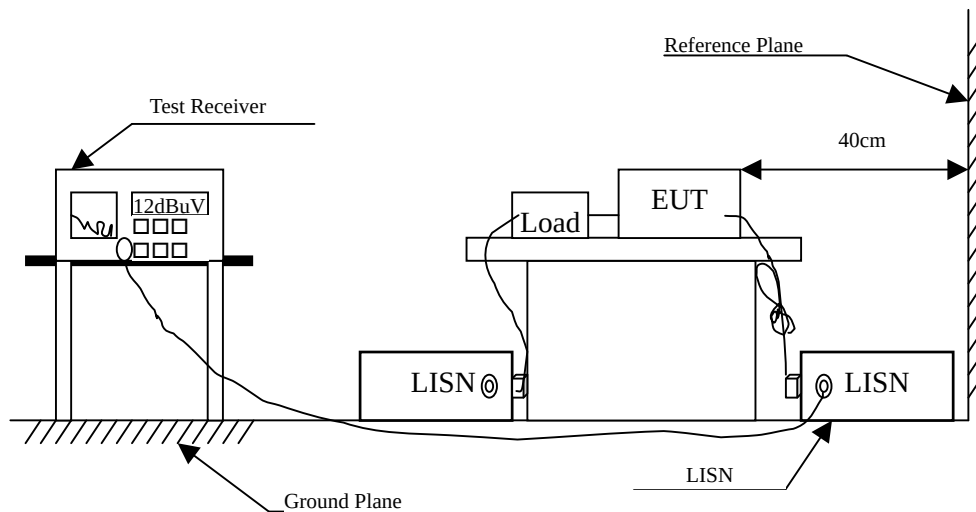
2.1. Test Equipment

	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
X	Test Receiver	R & S	ESCS 30 / 825442/018	Sep., 2014	
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 C63.10:2013 on conducted measurement.

Conducted emissions were investigated 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 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV	Margin dB	Limit dBuV
LINE 1					
Quasi-Peak					
0.150	9.671	35.830	45.501	-20.499	66.000
0.181	9.662	33.320	42.982	-22.132	65.114
0.552	9.680	32.270	41.950	-14.050	56.000
1.568	9.745	19.990	29.735	-26.265	56.000
2.310	9.782	22.140	31.922	-24.078	56.000
18.837	10.051	11.950	22.001	-37.999	60.000
Average					
0.150	9.671	24.230	33.901	-22.099	56.000
0.181	9.662	23.450	33.112	-22.002	55.114
0.552	9.680	28.250	37.930	-8.070	46.000
1.568	9.745	11.750	21.495	-24.505	46.000
2.310	9.782	14.500	24.282	-21.718	46.000
18.837	10.051	1.580	11.631	-38.369	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 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV	Margin dB	Limit dBuV
LINE 2					
Quasi-Peak					
0.158	9.668	28.700	38.368	-27.403	65.771
0.177	9.663	26.190	35.853	-29.376	65.229
0.552	9.680	31.200	40.880	-15.120	56.000
1.560	9.745	20.320	30.065	-25.935	56.000
2.322	9.783	23.020	32.803	-23.197	56.000
18.795	10.181	14.200	24.381	-35.619	60.000
Average					
0.158	9.668	14.840	24.508	-31.263	55.771
0.177	9.663	13.680	23.343	-31.886	55.229
0.552	9.680	26.820	36.500	-9.500	46.000
1.560	9.745	13.370	23.115	-22.885	46.000
2.322	9.783	14.580	24.363	-21.637	46.000
18.795	10.181	4.560	14.741	-35.259	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 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.154	9.670	36.190	45.860	-20.026	65.886
0.185	9.661	31.990	41.651	-23.349	65.000
0.548	9.679	31.210	40.889	-15.111	56.000
1.580	9.746	20.240	29.986	-26.014	56.000
2.345	9.783	20.750	30.533	-25.467	56.000
19.146	10.054	12.550	22.604	-37.396	60.000
Average					
0.154	9.670	20.540	30.210	-25.676	55.886
0.185	9.661	20.890	30.551	-24.449	55.000
0.548	9.679	30.930	40.609	-5.391	46.000
1.580	9.746	14.210	23.956	-22.044	46.000
2.345	9.783	13.080	22.863	-23.137	46.000
19.146	10.054	8.410	18.464	-31.536	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 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.150	9.671	36.150	45.821	-20.179	66.000
0.177	9.663	28.450	38.113	-27.116	65.229
0.548	9.679	30.130	39.809	-16.191	56.000
0.572	9.681	28.610	38.291	-17.709	56.000
2.416	9.785	20.050	29.835	-26.165	56.000
19.197	10.184	12.770	22.954	-37.046	60.000
Average					
0.150	9.671	21.830	31.501	-24.499	56.000
0.177	9.663	10.360	20.023	-35.206	55.229
0.548	9.679	29.790	39.469	-6.531	46.000
0.572	9.681	25.420	35.101	-10.899	46.000
2.416	9.785	12.100	21.885	-24.115	46.000
19.197	10.184	5.780	15.964	-34.036	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 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.154	9.670	36.190	45.860	-20.026	65.886
0.185	9.661	31.990	41.651	-23.349	65.000
0.548	9.679	31.210	40.889	-15.111	56.000
1.580	9.746	20.240	29.986	-26.014	56.000
2.345	9.783	20.750	30.533	-25.467	56.000
19.146	10.054	12.550	22.604	-37.396	60.000
Average					
0.154	9.670	20.540	30.210	-25.676	55.886
0.185	9.661	20.890	30.551	-24.449	55.000
0.548	9.679	30.930	40.609	-5.391	46.000
1.580	9.746	14.210	23.956	-22.044	46.000
2.345	9.783	13.080	22.863	-23.137	46.000
19.146	10.054	8.410	18.464	-31.536	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 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.150	9.671	36.150	45.821	-20.179	66.000
0.177	9.663	28.450	38.113	-27.116	65.229
0.548	9.679	30.130	39.809	-16.191	56.000
0.572	9.681	28.610	38.291	-17.709	56.000
2.416	9.785	20.050	29.835	-26.165	56.000
19.197	10.184	12.770	22.954	-37.046	60.000
Average					
0.150	9.671	21.830	31.501	-24.499	56.000
0.177	9.663	10.360	20.023	-35.206	55.229
0.548	9.679	29.790	39.469	-6.531	46.000
0.572	9.681	25.420	35.101	-10.899	46.000
2.416	9.785	12.100	21.885	-24.115	46.000
19.197	10.184	5.780	15.964	-34.036	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 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.177	9.663	32.140	41.803	-23.426	65.229
0.212	9.661	32.160	41.821	-22.408	64.229
0.545	9.679	30.890	40.569	-15.431	56.000
0.572	9.681	31.290	40.971	-15.029	56.000
2.334	9.783	21.050	30.833	-25.167	56.000
19.240	10.055	11.630	21.685	-38.315	60.000
Average					
0.177	9.663	26.890	36.553	-18.676	55.229
0.212	9.661	20.470	30.131	-24.098	54.229
0.545	9.679	29.790	39.469	-6.531	46.000
0.572	9.681	27.540	37.221	-8.779	46.000
2.334	9.783	10.520	20.303	-25.697	46.000
19.240	10.055	0.680	10.735	-39.265	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 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.212	9.661	30.170	39.831	-24.398	64.229
0.244	9.663	26.030	35.693	-27.621	63.314
0.302	9.666	20.060	29.726	-31.931	61.657
0.545	9.679	29.650	39.329	-16.671	56.000
2.357	9.783	21.240	31.023	-24.977	56.000
19.111	10.184	11.740	21.924	-38.076	60.000
Average					
0.212	9.661	14.080	23.741	-30.488	54.229
0.244	9.663	17.200	26.863	-26.451	53.314
0.302	9.666	1.060	10.726	-40.931	51.657
0.545	9.679	28.190	37.869	-8.131	46.000
2.357	9.783	15.730	25.513	-20.487	46.000
19.111	10.184	3.300	13.484	-36.516	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

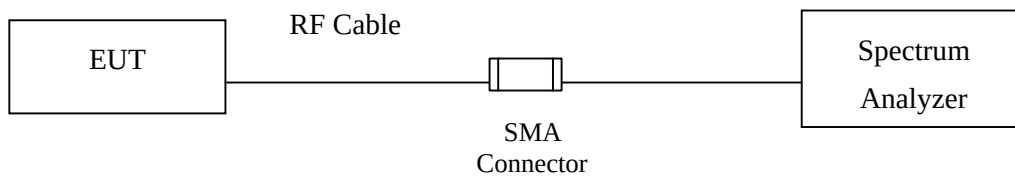
	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Power Meter	Anritsu	ML2495A/6K00003357	May, 2015
X	Power Sensor	Anritsu	MA2411B/0738448	Jun, 2015
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2015

Note:

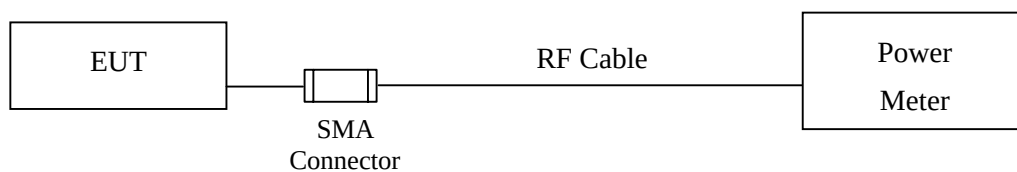
1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

3.2. Test Setup

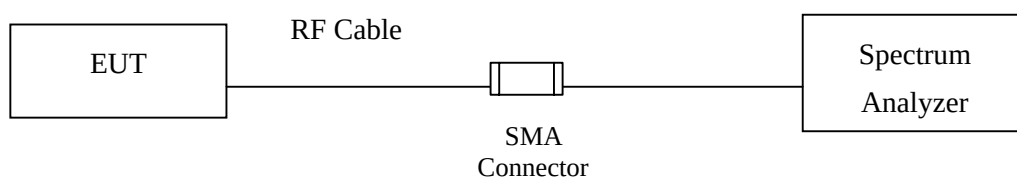
99% Occupied Bandwidth



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-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. 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 $11 \text{ dBm} + 10 \log B$, 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 than 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 ($BW \leq 40\text{MHz}$) Maximum conducted output power using KDB 789033 section E)3)a)
Method PM (Measurement using an 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 ($BW=80\text{MHz}$) 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

$\pm 1.27 \text{ dB}$

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 SISO A: Transmit (802.11a-6Mbps)

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	19.21	--	--	--	--	--	--	--	<30dBm
157	5785	21.61	21.52	21.43	21.34	21.25	21.16	21.07	20.98	<30dBm
165	5825	20.52	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
149	5745	19.21	0.08	19.29	30
157	5785	21.61	0.08	21.69	30
165	5825	20.52	0.08	20.60	30

Note: Total Output Power Value = 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 1 SISO A: Transmit (802.11n-20BW-7.2Mbps)

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2	
		Measurement Level (dBm)								
149	5745	17.03	--	--	--	--	--	--	--	<30dBm
157	5785	21.44	21.31	21.18	21.05	20.92	20.79	20.66	20.53	<30dBm
165	5825	19.25	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
149	5745	17.03	0.09	17.12	30
157	5785	21.44	0.09	21.53	30
165	5825	19.25	0.09	19.34	30

Note: Total Output Power Value = 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 1 SISO A: Transmit (802.11n-40BW-15Mbps)

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		15	30	45	60	90	120	135	150	
		Measurement Level (dBm)								
151	5755	16.03	15.97	15.91	15.85	15.79	15.73	15.67	15.61	<30dBm
159	5795	18.89	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
151	5755	16.03	0.15	16.18	30
159	5795	18.89	0.15	19.04	30

Note: Total Output Power Value = 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 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

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	16.33	16.24	16.15	16.06	15.97	15.88	15.79	15.7	15.61	15.52	<30dBm

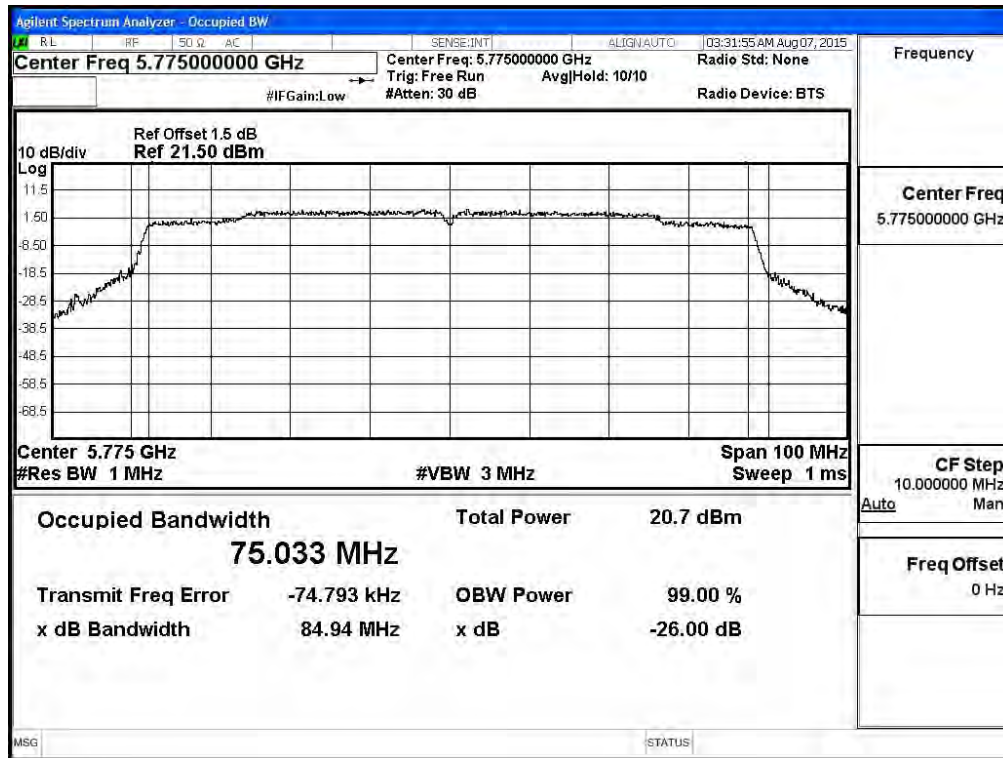
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

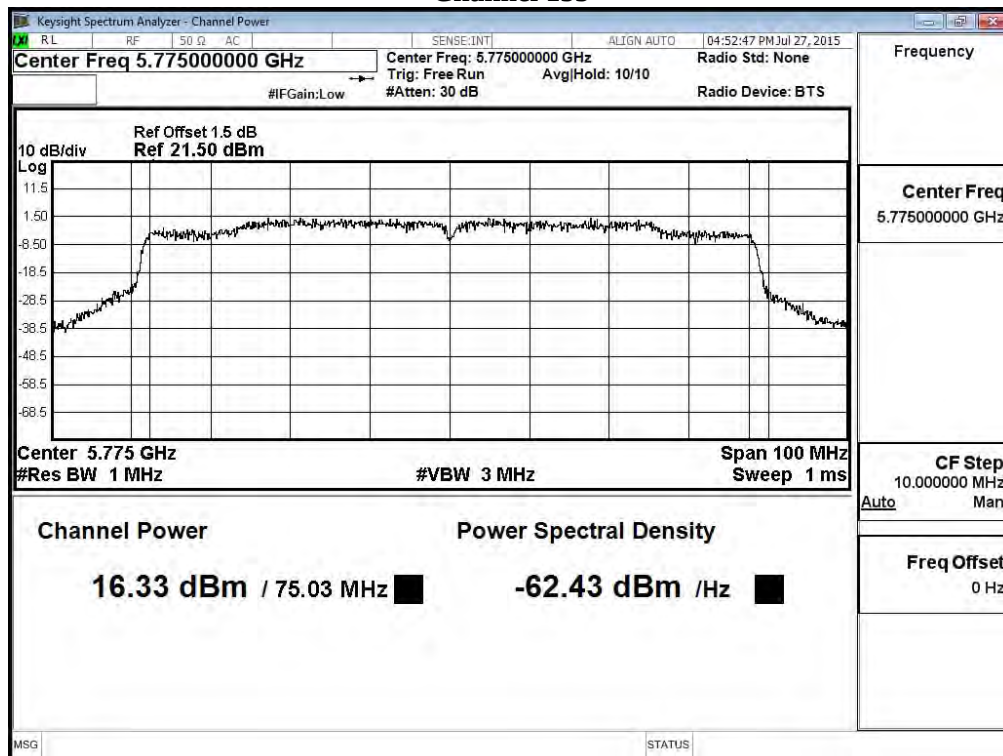
Channel No	Frequency Range (MHz)	Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
155	5775	16.33	0.31	16.64	30

Note: Total Output Power Value = Output Power value + Duty Factor

99% Occupied Bandwidth: Channel 155



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 SISO B: Transmit (802.11a-6Mbps) Mode 2 SISO B: Transmit (802.11a-6Mbps)

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	17.93	--	--	--	--	--	--	--	<30dBm
157	5785	21.08	21.01	20.94	20.87	20.8	20.73	20.66	20.59	<30dBm
165	5825	19.24	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
149	5745	17.93	0.08	18.01	30
157	5785	21.08	0.08	21.16	30
165	5825	19.24	0.08	19.32	30

Note: Total Output Power Value = 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 SISO B: Transmit (802.11n-20BW 7.2Mbps)

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2	
		Measurement Level (dBm)								
149	5745	17.81	--	--	--	--	--	--	--	<30dBm
157	5785	21.10	20.91	20.72	20.53	20.34	20.15	19.96	19.77	<30dBm
165	5825	18.62	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
149	5745	17.81	0.09	17.90	30
157	5785	21.10	0.09	21.19	30
165	5825	18.62	0.09	18.71	30

Note: Total Output Power Value = 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 SISO B: Transmit (802.11n-40BW 15Mbps)

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		15	30	45	60	90	120	135	150	
		Measurement Level (dBm)								
151	5755	15.48	15.37	15.26	15.15	15.04	14.93	14.82	14.71	<30dBm
159	5795	16.92	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
151	5755	15.48	0.15	15.63	30
159	5795	16.92	0.15	17.07	30

Note: Total Output Power Value = 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 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

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	14.73	14.67	14.61	14.55	14.49	14.43	14.37	14.31	14.25	14.19	<30dBm

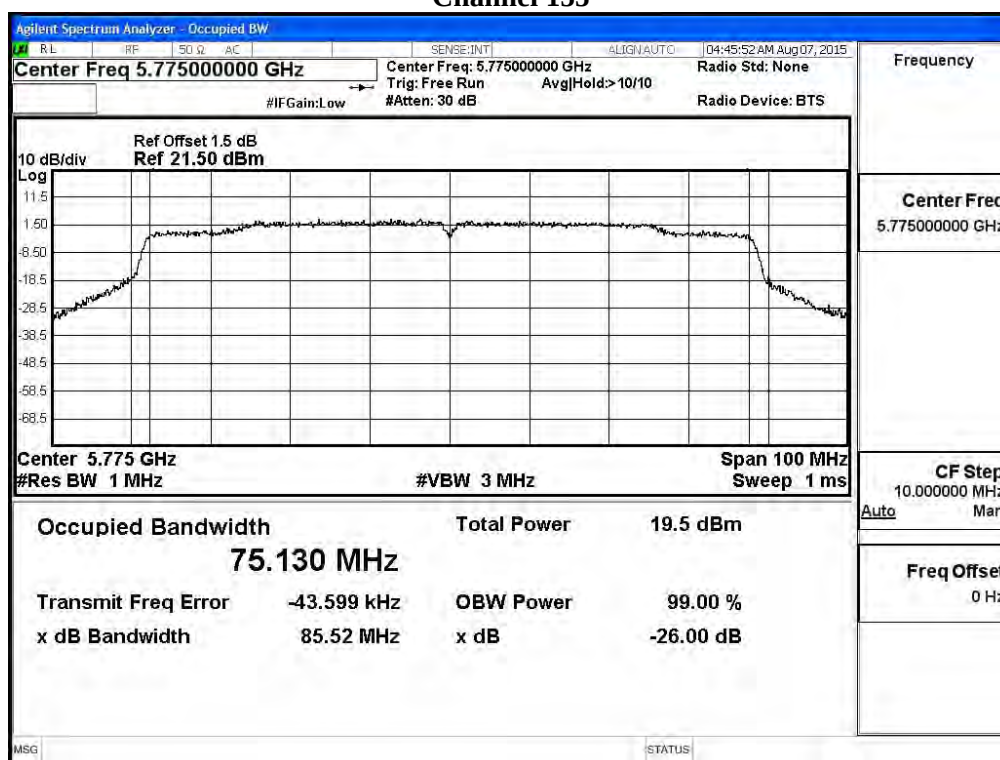
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

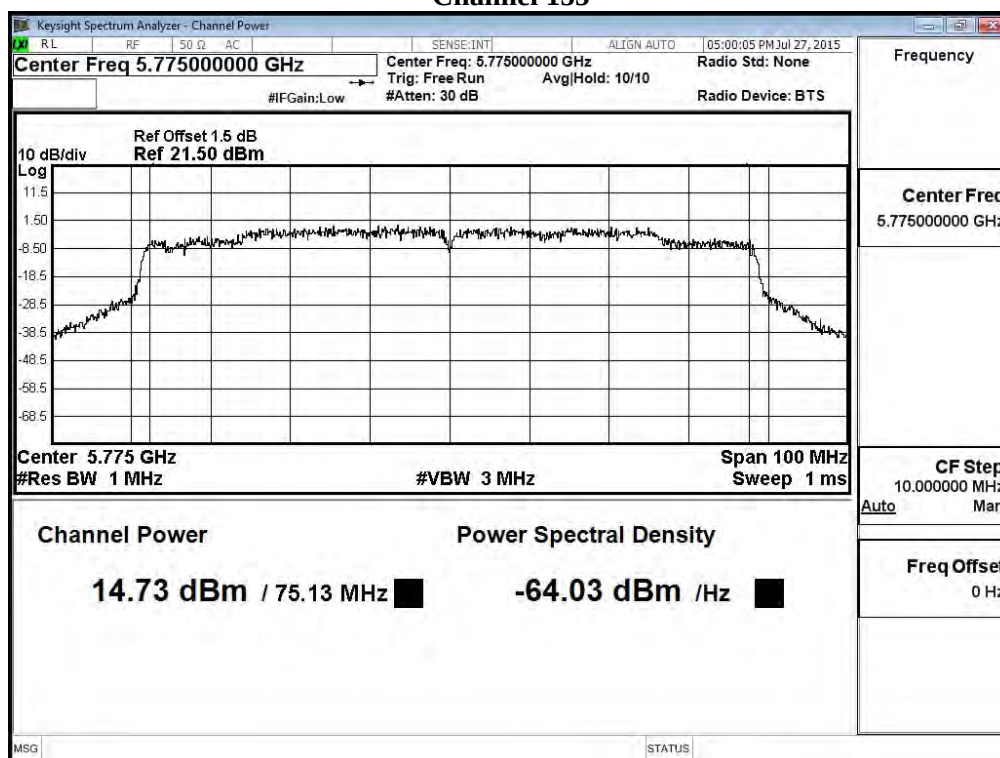
Channel No	Frequency Range (MHz)	Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
155	5775	14.73	0.31	15.04	30

Note: Total Output Power Value = Output Power value + Duty Factor

99% Occupied Bandwidth: Channel 155



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 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)

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	16.83	--	--	--	--	--	--	--	<30dBm
157	5785	18.39	18.31	18.23	18.15	18.07	17.99	17.91	17.83	<30dBm
165	5825	17.35	--	--	--	--	--	--	--	<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	17.42	--	--	--	--	--	--	--	<30dBm
157	5785	18.17	18.08	17.99	17.92	17.81	17.72	17.63	17.54	<30dBm
165	5825	17.71	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

(CHAIN A+ B)

Channel Number	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty factor (dBm)	Output Power (dBm)	Output Power Limit
						(dBm)
149	5745	16.83	17.42	0.09	20.24	30
157	5785	18.39	18.17	0.09	21.38	30
165	5825	17.35	17.71	0.09	20.63	30

Note:

- Power Output Value =Reading value on average power meter + cable loss
- Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

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

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	13.76	--	--	--	--	--	--	--	<30dBm
159	5795	16.97	16.82	16.67	16.53	16.35	16.22	16.07	15.92	<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	14.68	--	--	--	--	--	--	--	<30dBm
159	5795	16.91	16.82	16.73	16.61	16.55	16.45	16.37	16.28	<30dBm

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

Maximum conducted output power Measurement:

(CHAIN A+ B)

Channel Number	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty factor (dBm)	Output Power (dBm)	Output Power Limit
						(dBm)
151	5755	13.76	14.68	0.15	17.25	30
159	5795	16.97	16.91	0.15	19.95	30

Note:

- Power Output Value =Reading value on average power meter + cable loss
- Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

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

CHAIN A

Cable loss=1dB		Maximum conducted output power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
155	5775	13.49	13.37	13.25	13.13	13.01	12.89	12.77	12.65	12.53	12.41	<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	13.81	13.75	13.69	13.63	13.57	13.51	13.45	13.39	13.33	13.27	<30dBm

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

Maximum conducted output power Measurement:

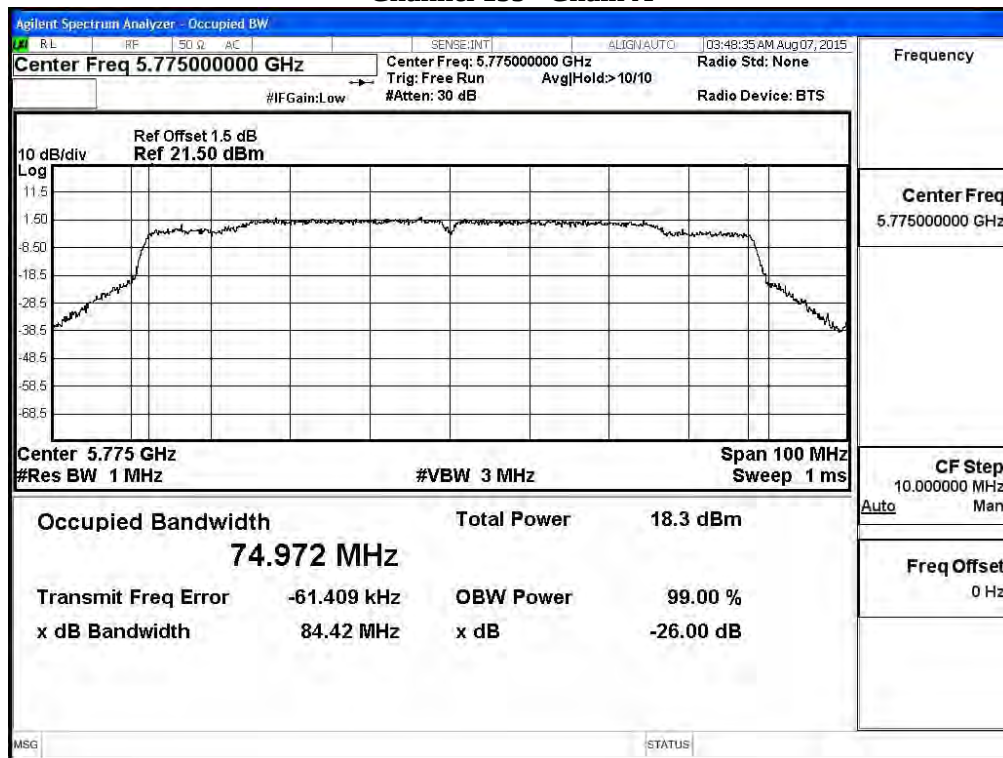
(CHAIN A+ B)

Channel Number	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dBm)	Output Power (dBm)	Output Power Limit
						(dBm)
155	5775	13.49	13.81	0.31	16.97	30

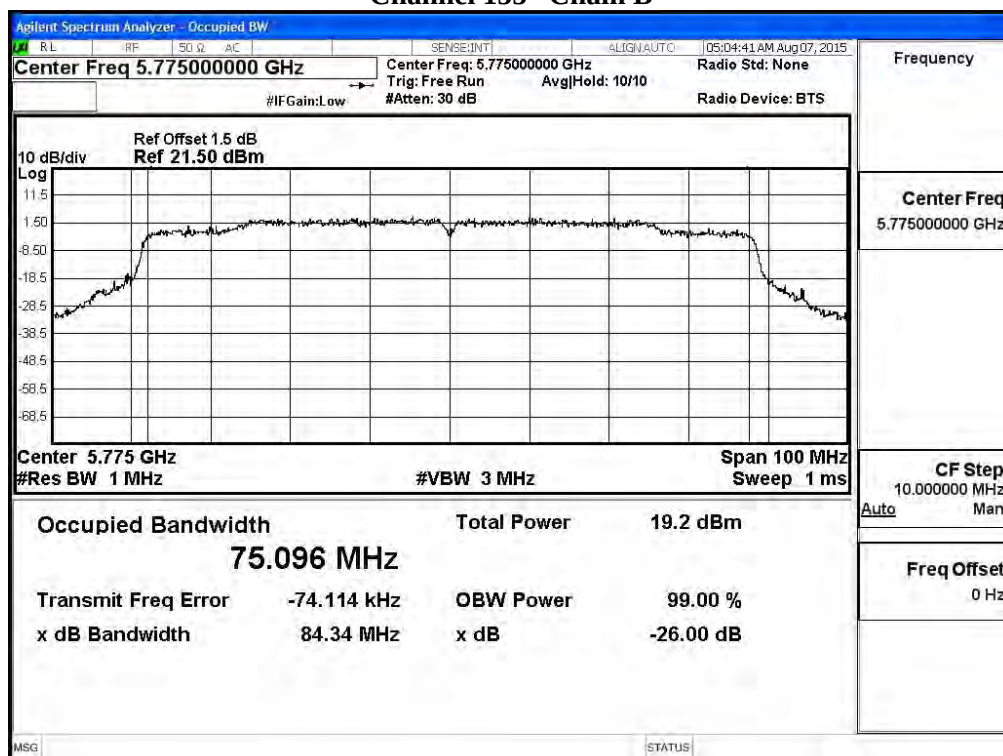
Note:

1. Power Output Value =Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

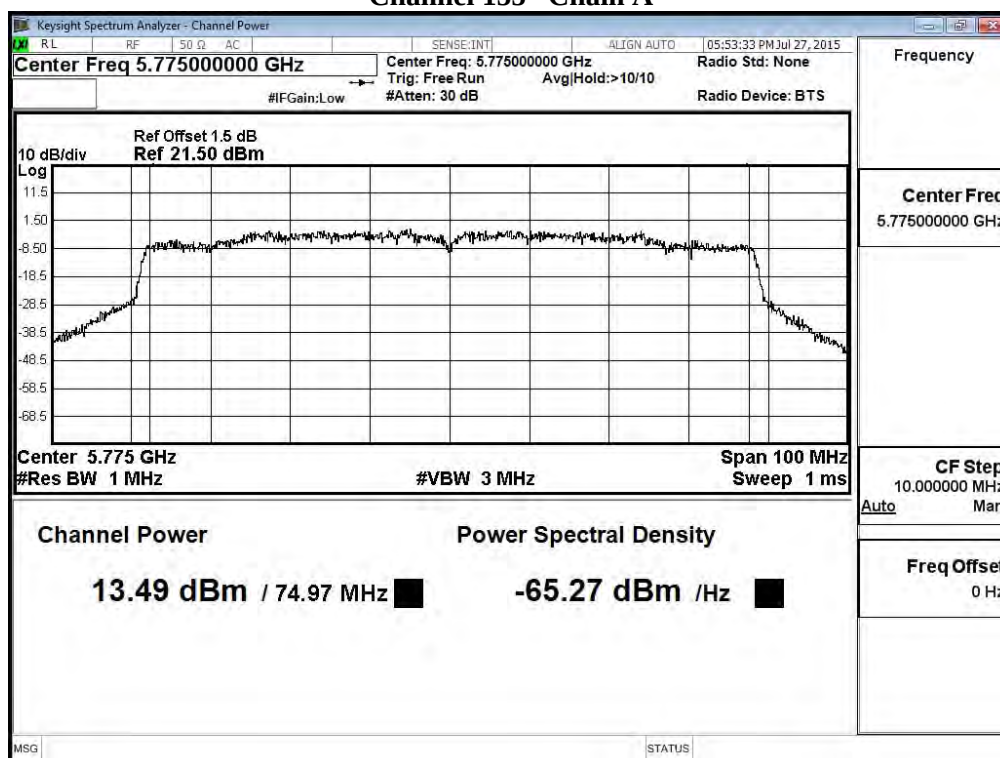
99% Occupied Bandwidth: Channel 155– Chain A



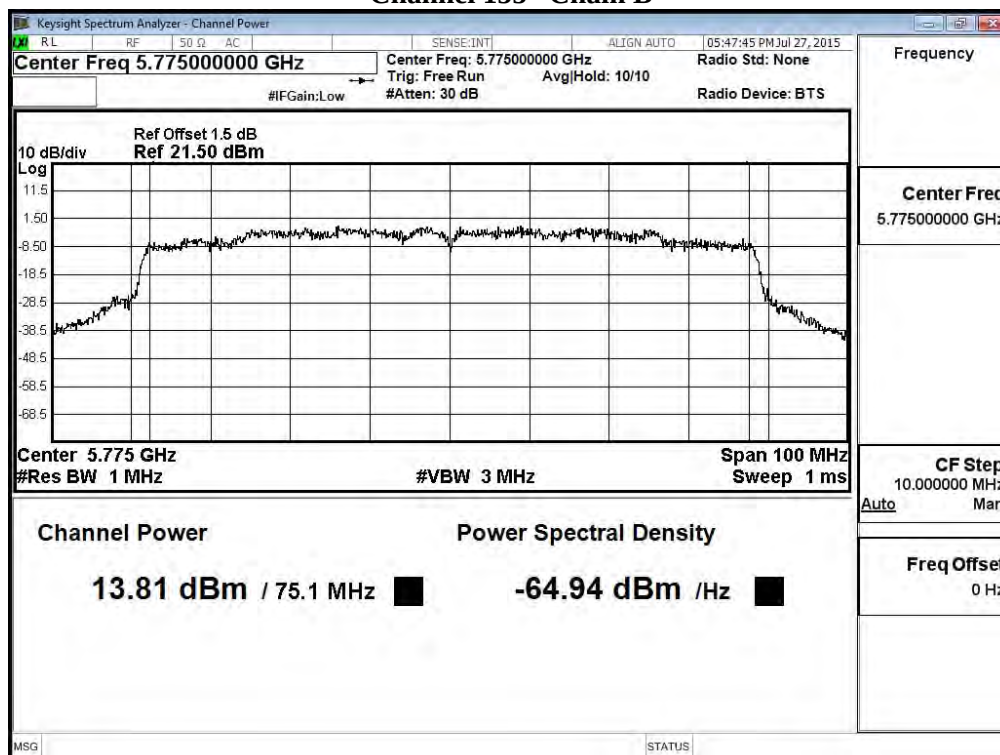
Channel 155– Chain B



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 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps)

CHAIN A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	
		Measurement Level (dBm)								
149	5745	16.32	--	--	--	--	--	--	--	<30dBm
157	5785	18.31	18.27	18.23	18.19	18.15	18.11	18.07	18.03	<30dBm
165	5825	16.93	--	--	--	--	--	--	--	<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	16.93	--	--	--	--	--	--	--	<30dBm
157	5785	18.05	17.94	17.83	17.72	17.63	17.57	17.39	17.28	<30dBm
165	5825	17.52	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

(CHAIN A+ B)

Channel Number	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dBm)	Output Power (dBm)	Output Power Limit
						(dBm)
149	5745	16.32	16.93	0.09	19.74	30
157	5785	18.31	18.05	0.09	21.28	30
165	5825	16.93	17.52	0.09	20.34	30

Note:

- Power Output Value =Reading value on average power meter + cable loss
- Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

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

CHAIN A

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	15.07	--	--	--	--	--	--	--	<30dBm
159	5795	16.76	16.69	16.62	16.55	16.48	16.41	16.34	16.27	<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	15.86	--	--	--	--	--	--	--	<30dBm
159	5795	17.08	17.01	16.94	16.87	16.8	16.73	16.66	16.59	<30dBm

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

Maximum conducted output power Measurement:

(CHAIN A+ B)

Channel Number	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dBm)	Output Power (dBm)	Output Power Limit
						(dBm)
151	5755	15.07	15.86	0.15	18.64	30
159	5795	16.76	17.08	0.15	20.08	30

Note:

1. Power Output Value =Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

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

CHAIN A

Cable loss=1dB		Maximum conducted output power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
155	5775	13.59	13.51	13.43	13.35	13.27	13.19	13.11	13.03	12.95	12.87	<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	13.63	13.57	13.51	13.45	13.39	13.33	13.27	13.21	13.15	13.09	<30dBm

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

Maximum conducted output power Measurement:

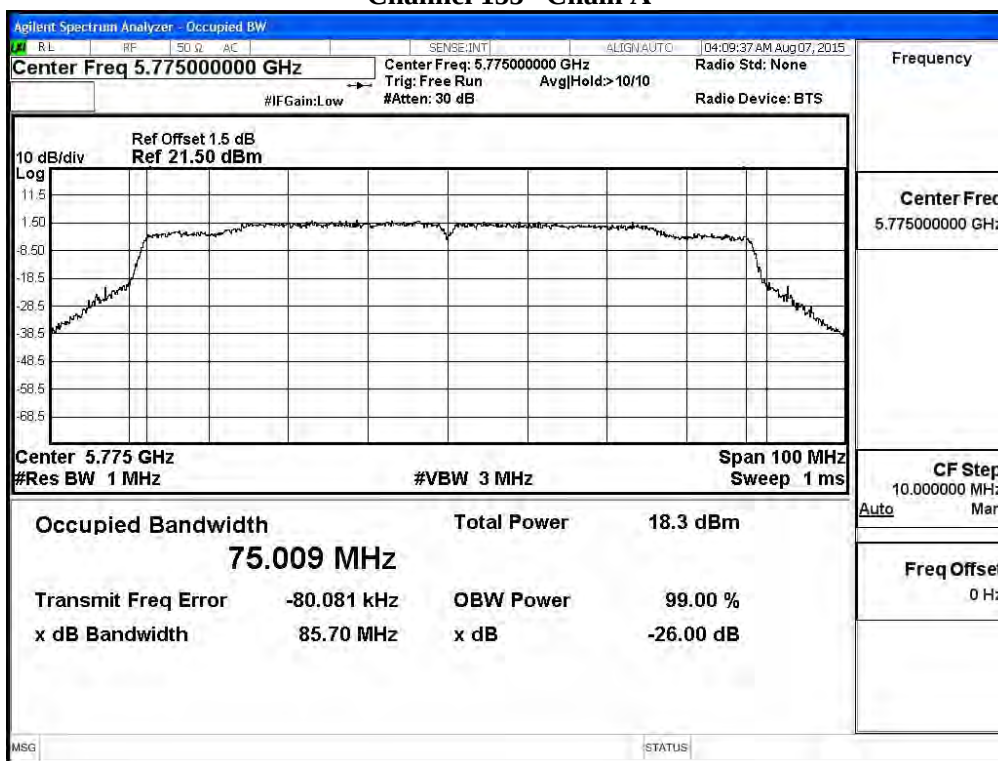
(CHAIN A+ B)

Channel Number	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Duty Factor (dBm)	Output Power (dBm)	Output Power Limit
						(dBm)
155	5775	13.59	13.63	0.31	16.93	30

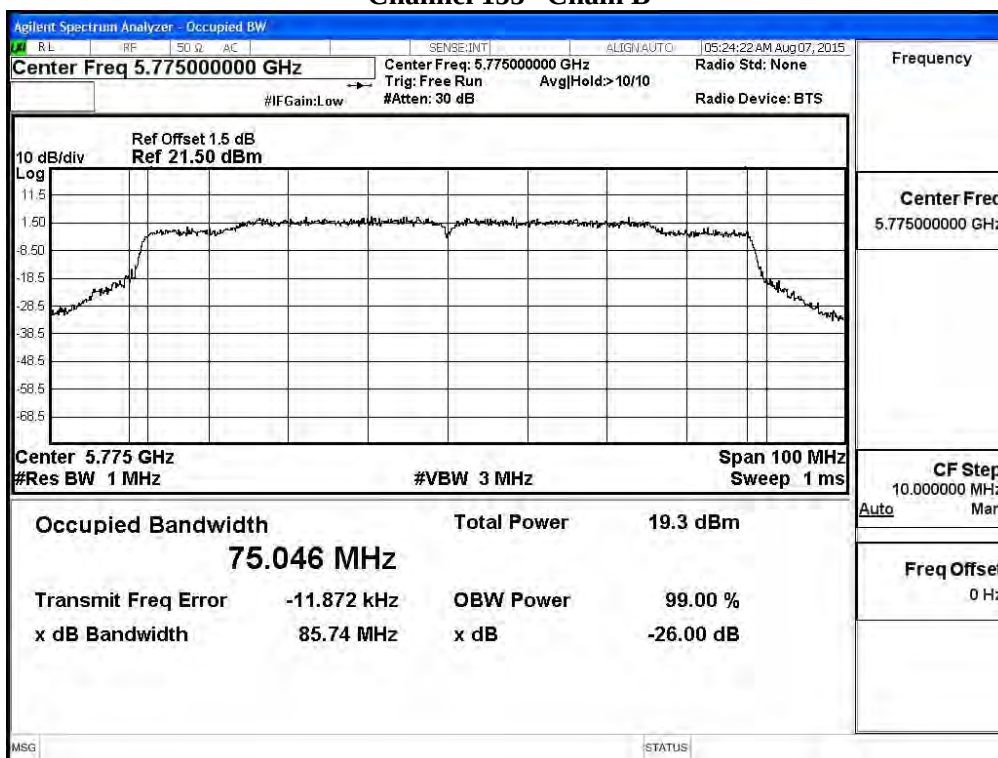
Note:

1. Power Output Value =Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

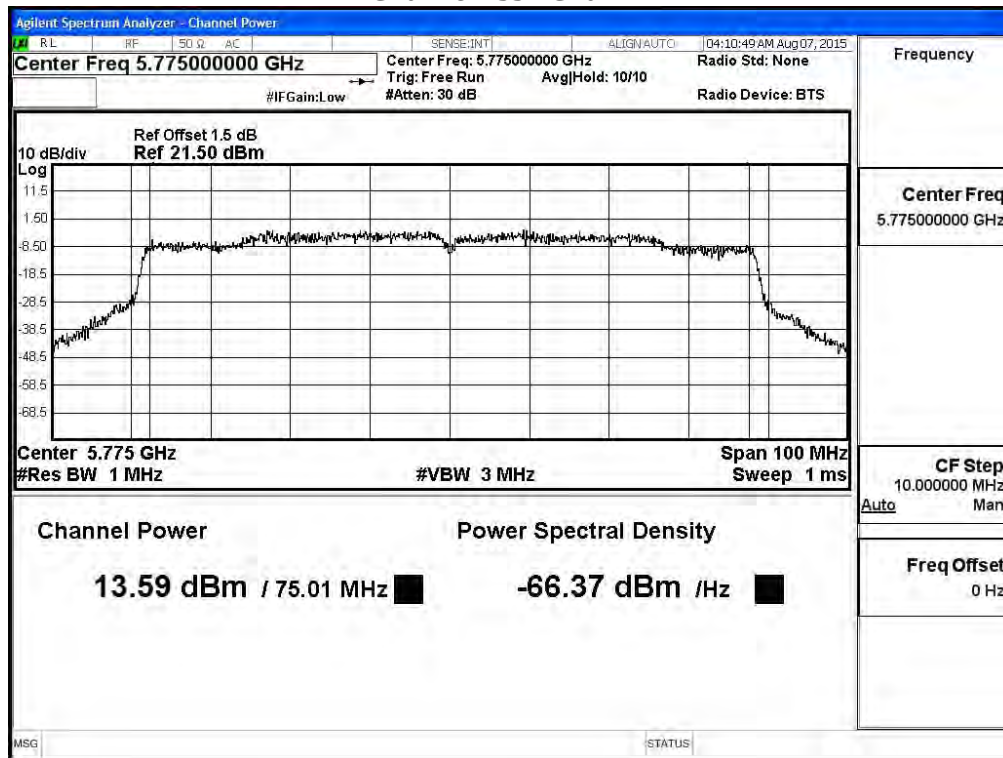
99% Occupied Bandwidth: Channel 155– Chain A



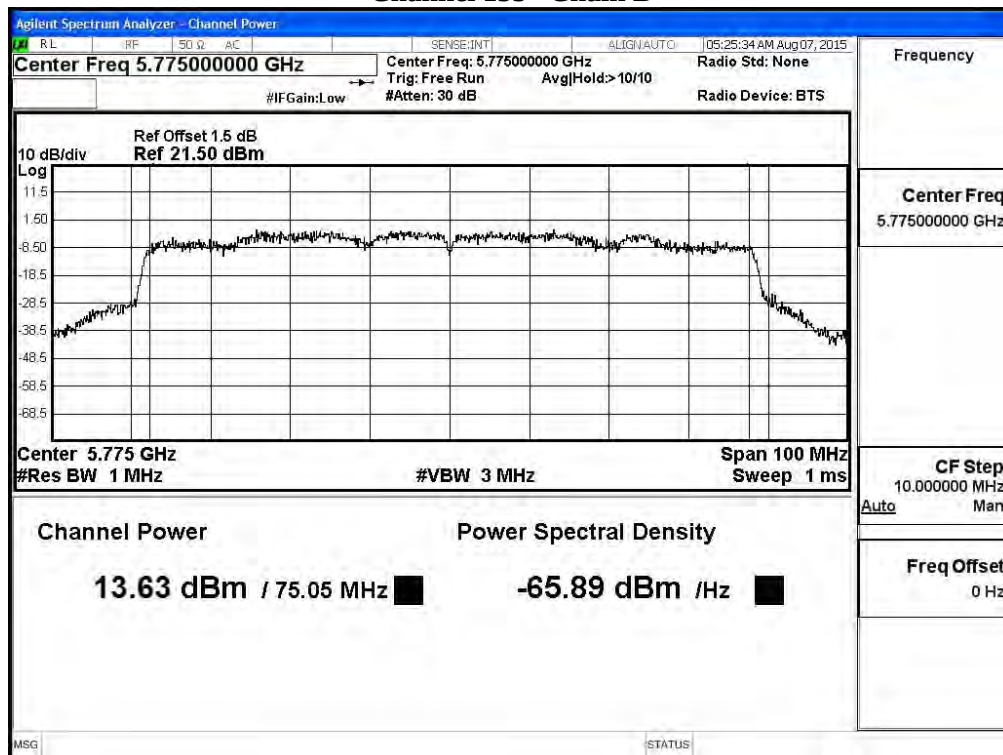
Channel 155– Chain B



Maximum conducted output power:
 Channel 155– Chain A



Channel 155– Chain B



4. Peak Power Spectral Density

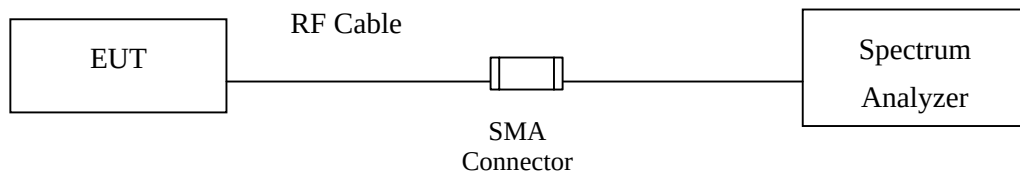
4.1. Test Equipment

	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-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated

transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. +

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

4.4. Test Procedure

The EUT was setup to ANSI C63.10, 2013; 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 $BWCF = 10 \log (500 \text{ kHz}/100 \text{ kHz}) = 6.98 \text{ dB}$.

4.5. Uncertainty

$\pm 1.27 \text{ dB}$

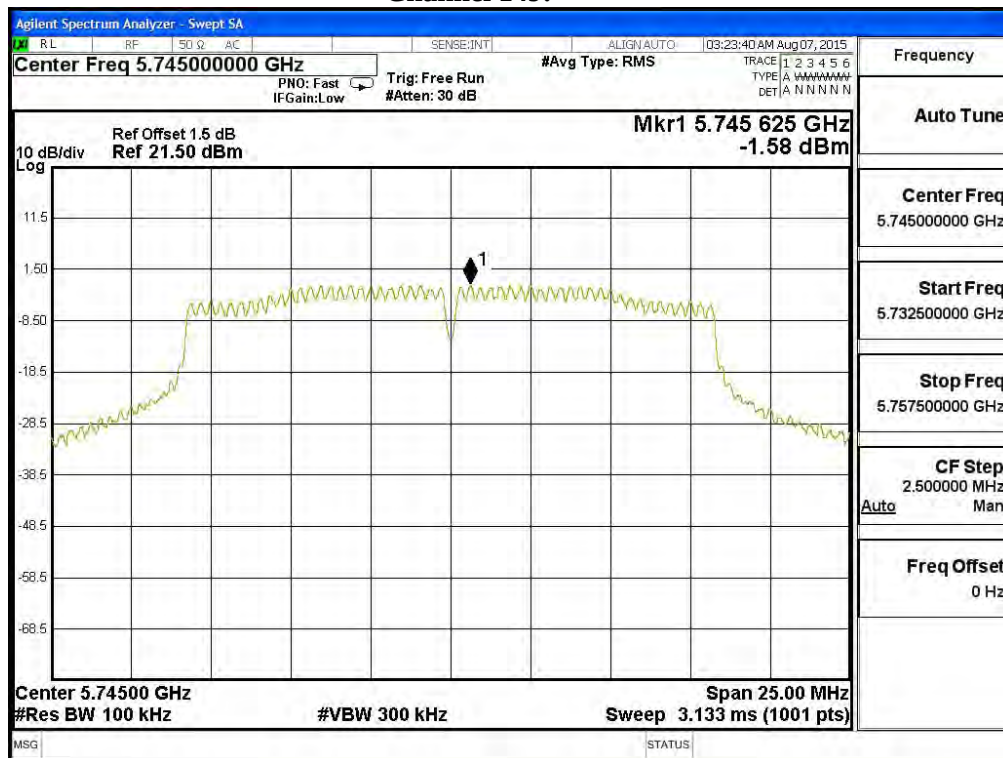
4.6. Test Result of Peak Power Spectral Density

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

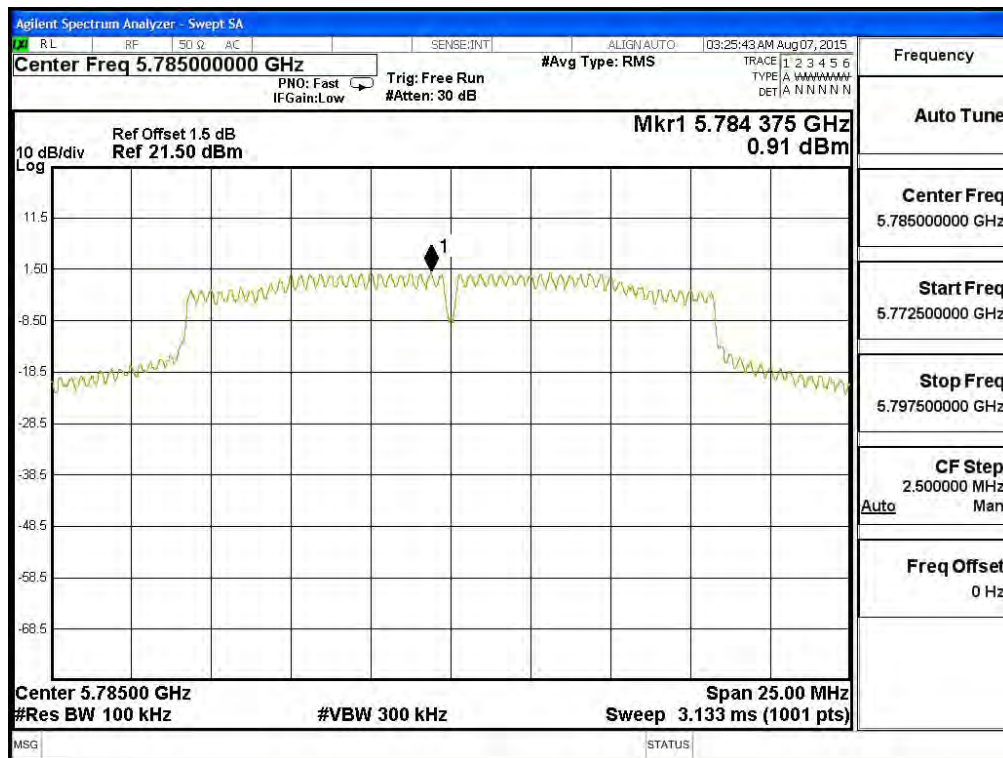
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	-1.58	6.98	0.08	5.48	<30	Pass
157	5785	0.91	6.98	0.08	7.97	<30	Pass
165	5825	0.02	6.98	0.08	7.08	<30	Pass

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

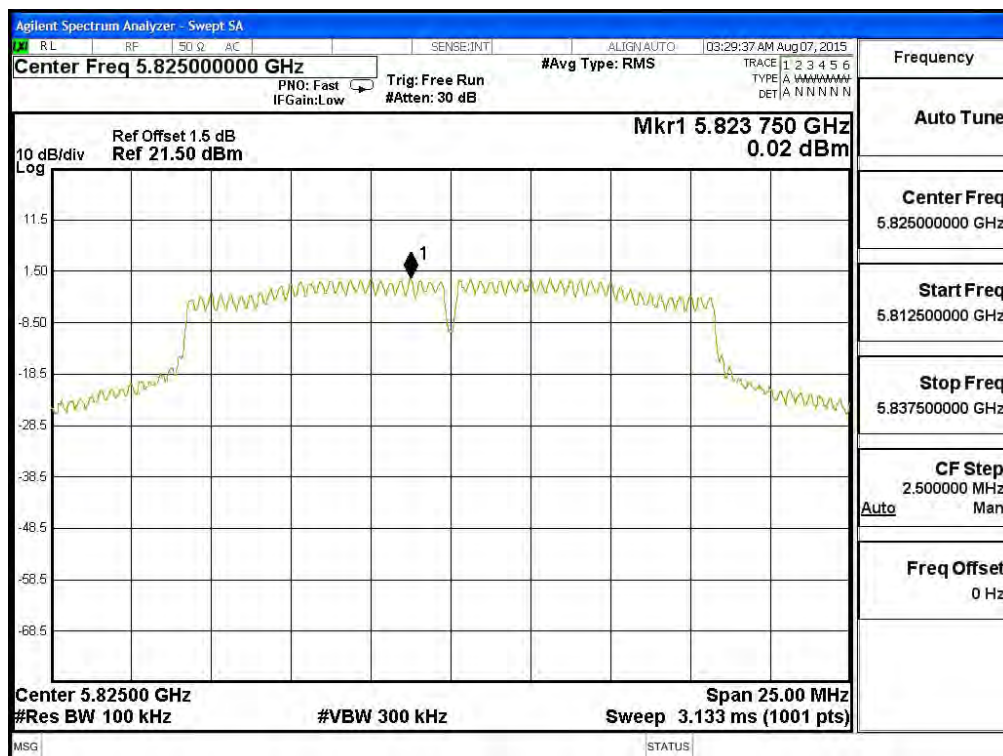
Channel 149:



Channel 157:



Channel 165:

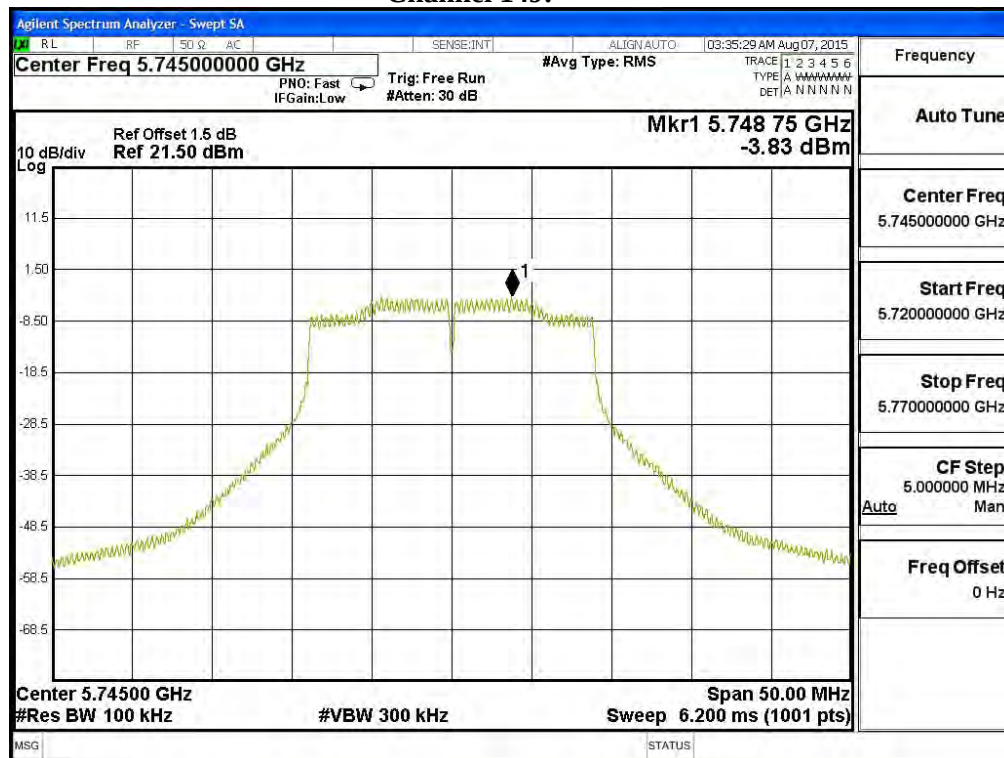


Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW-7.2Mbps)

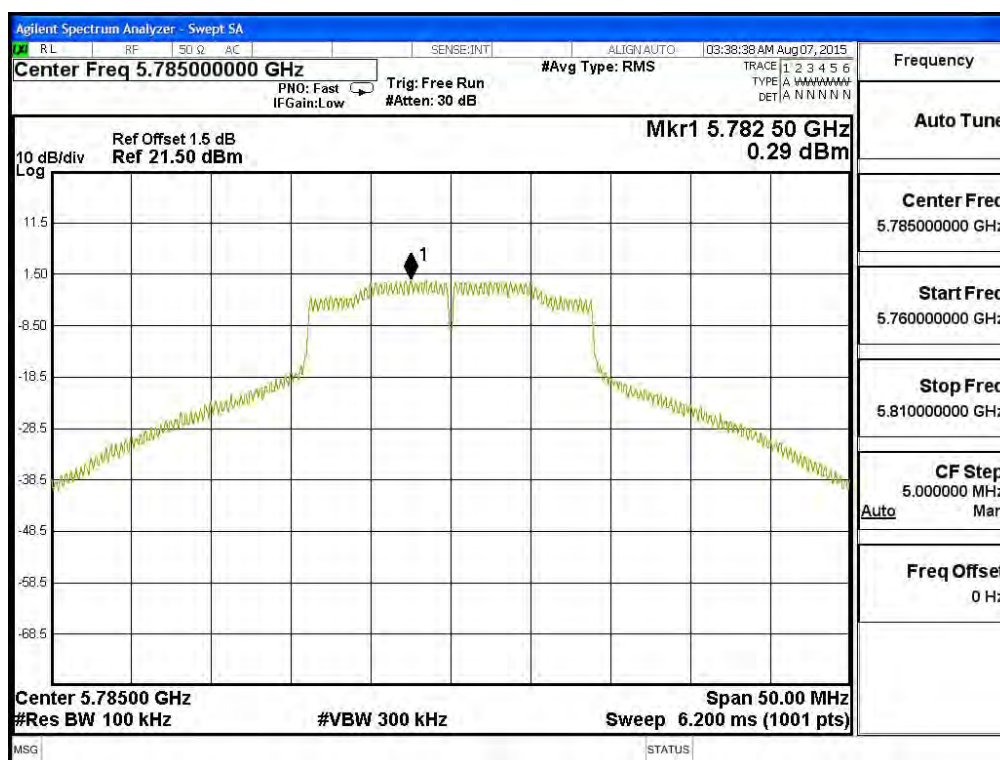
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	-3.83	6.98	0.09	3.24	<30	Pass
157	5785	0.29	6.98	0.09	7.36	<30	Pass
165	5825	-1.84	6.98	0.09	5.23	<30	Pass

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

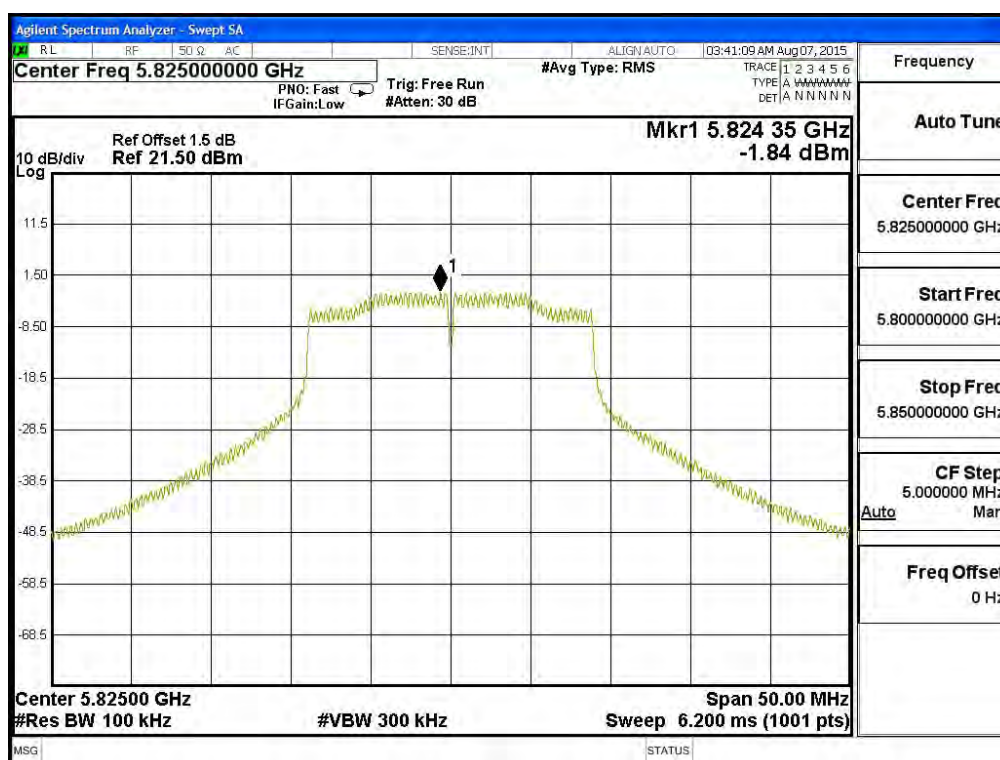
Channel 149:



Channel 157:



Channel 165:

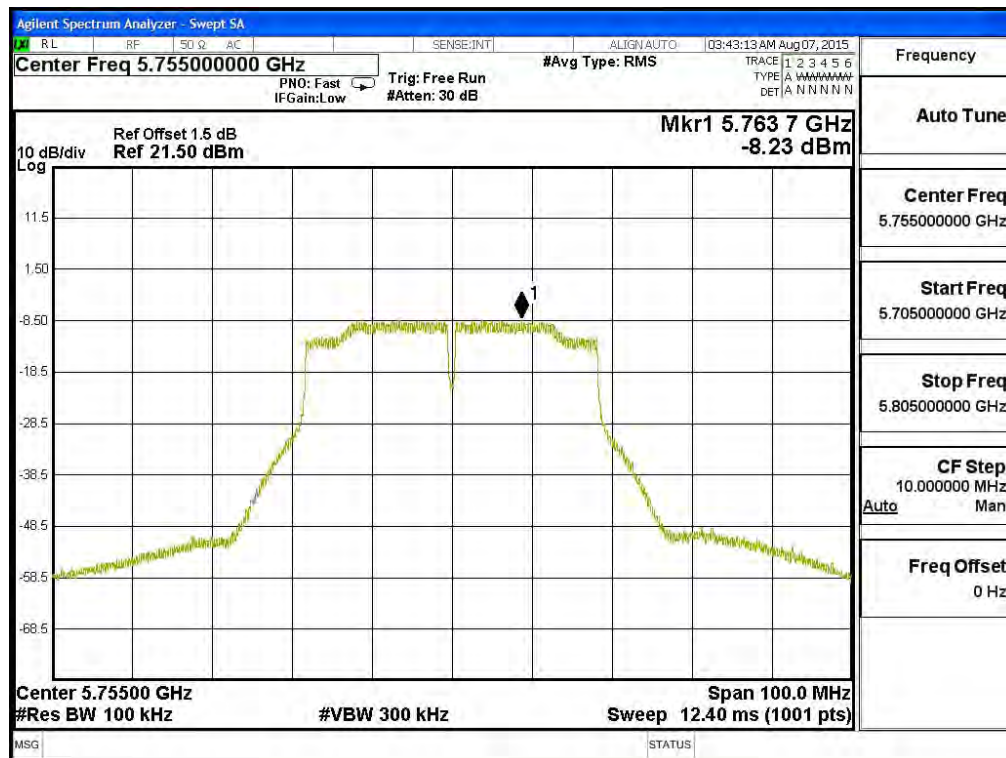


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW-15Mbps)

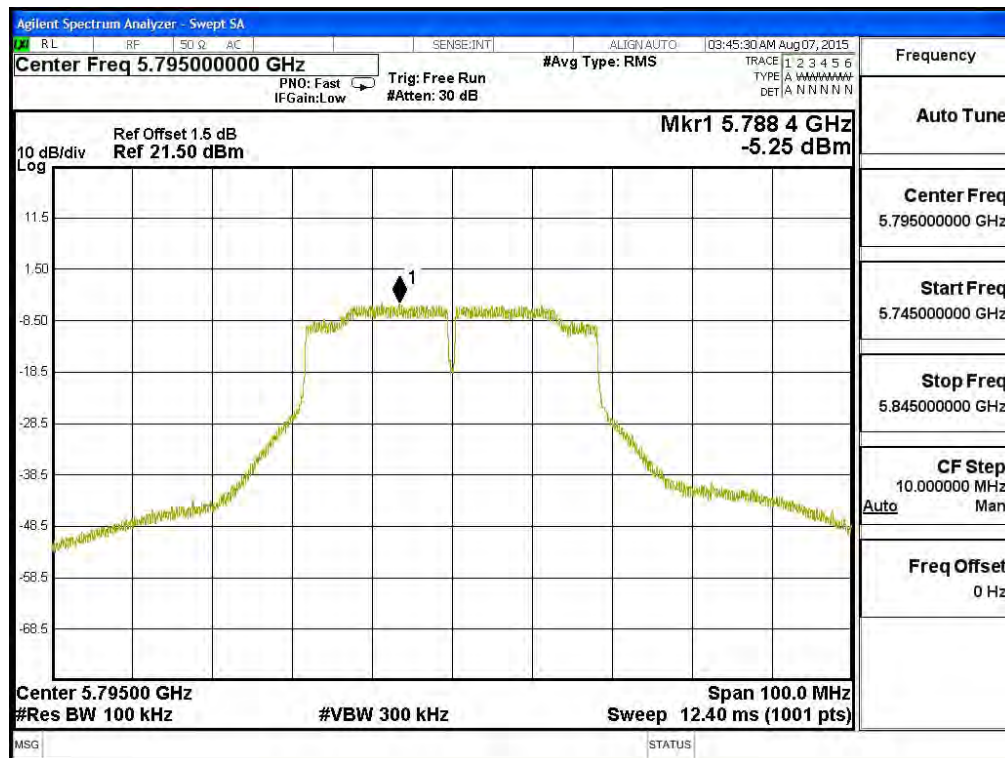
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
151	5755	-8.23	6.98	0.15	-1.10	<30	Pass
159	5795	-5.25	6.98	0.15	1.88	<30	Pass

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

Channel 151



Channel 159

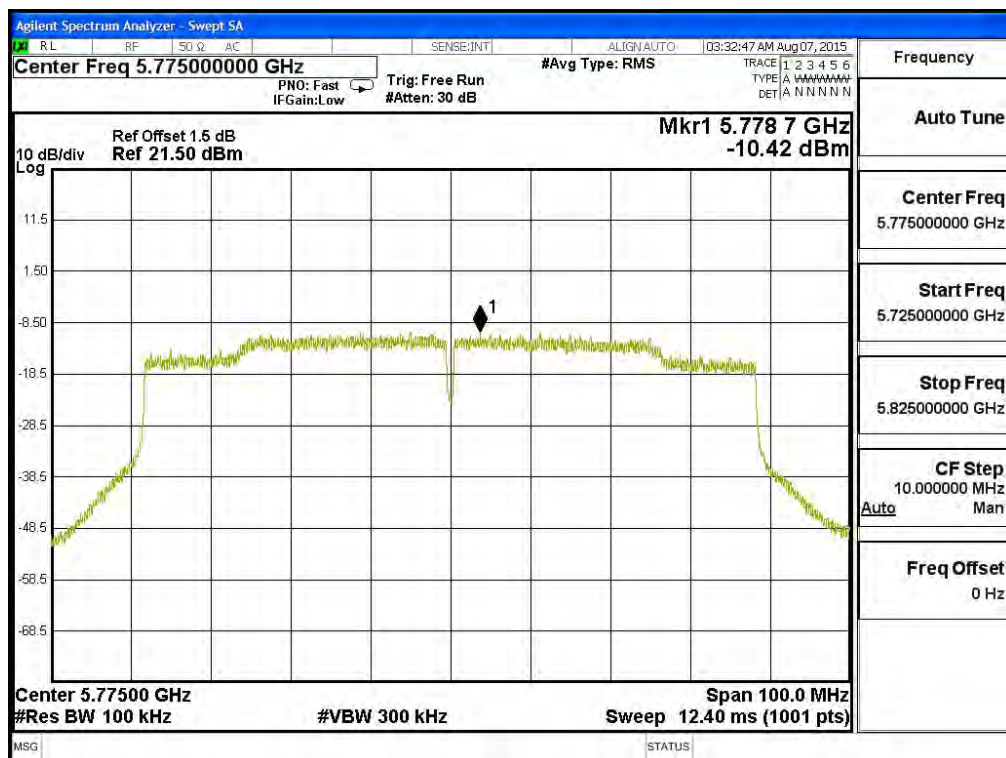


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
155	5775	-10.42	6.98	0.31	-3.13	<30	Pass

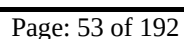
Note: Total PPSD = PPSD value + BWCF + Duty Factor

Channel 155



Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
149	5745	-2.52	6.98	0.08	4.54	<30	Pass
157	5785	0.95	6.98	0.08	8.01	<30	Pass
165	5825	-1.69	6.98	0.08	5.37	<30	Pass

Channel 149:



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 04:36:58 AM Aug 07, 2015

Center Freq 5.785000000 GHz #Avg Type: RMS PNO: Fast Trig: Free Run TYPE: A W W W W W W W W DET: A N N N N N N

Ref Offset 1.5 dB IF Gain: Low #Atten: 30 dB

10 dB/div Log Mkr1 5.788 450 GHz 0.95 dBm

Center 5.78500 GHz Span 25.00 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep 3.133 ms (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq 5.785000000 GHz

Start Freq 5.772500000 GHz

Stop Freq 5.797500000 GHz

CF Step 2.500000 MHz

Auto Mar

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 04:44:31 AM Aug 07, 2015

Center Freq 5.825000000 GHz PNO: Fast Trig: Free Run #Avg Type: RMS TRACE 1 2 3 4 5 6
IF Gain: Low #Atten: 30 dB TYPE: A W W W W W W W W
DET: A N N N N N N N

10 dB/div Ref Offset 1.5 dB Mkr1 5.828 750 GHz
Log Ref 21.50 dBm -1.69 dBm

The spectrum analyzer display shows a swept signal. The vertical axis represents power in dBm, ranging from -68.5 to 11.5 dBm. The horizontal axis represents frequency in GHz, ranging from 5.825 to 5.835 GHz. The signal is a noisy trace that rises from approximately -28.5 dBm at 5.825 GHz to a peak of about -1.69 dBm at 5.82875 GHz, and then falls back to approximately -28.5 dBm at 5.835 GHz. A marker labeled '1' is placed at the peak of the signal.

Center 5.82500 GHz Span 25.00 MHz
#Res BW 100 kHz 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
Mar

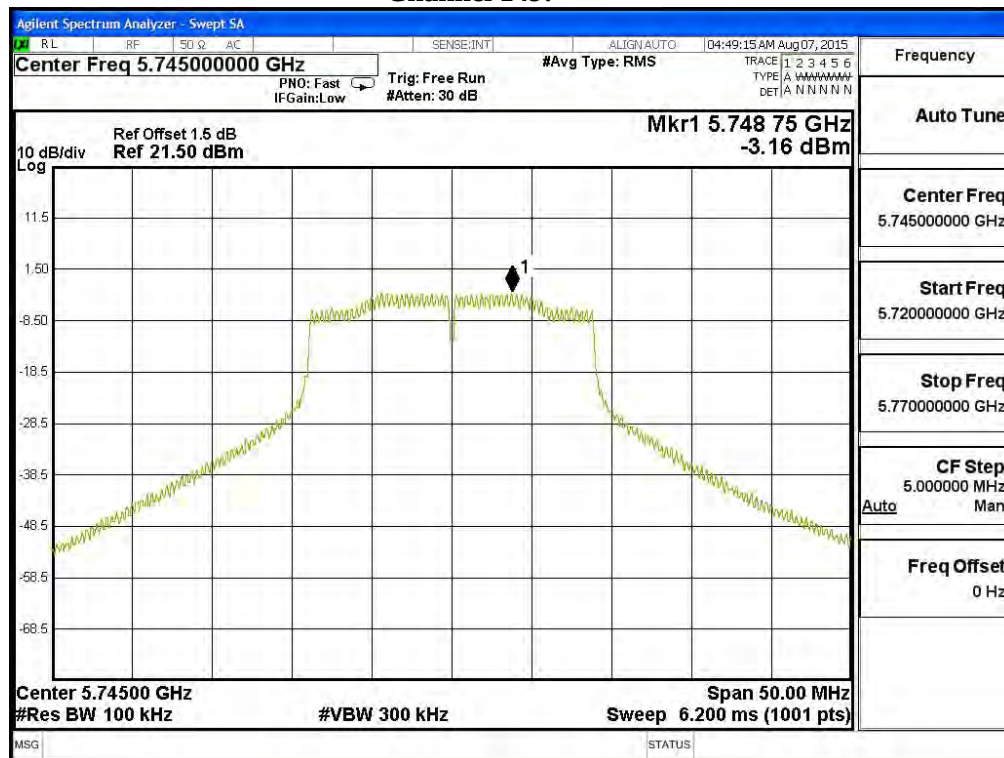
Freq Offset
0 Hz

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

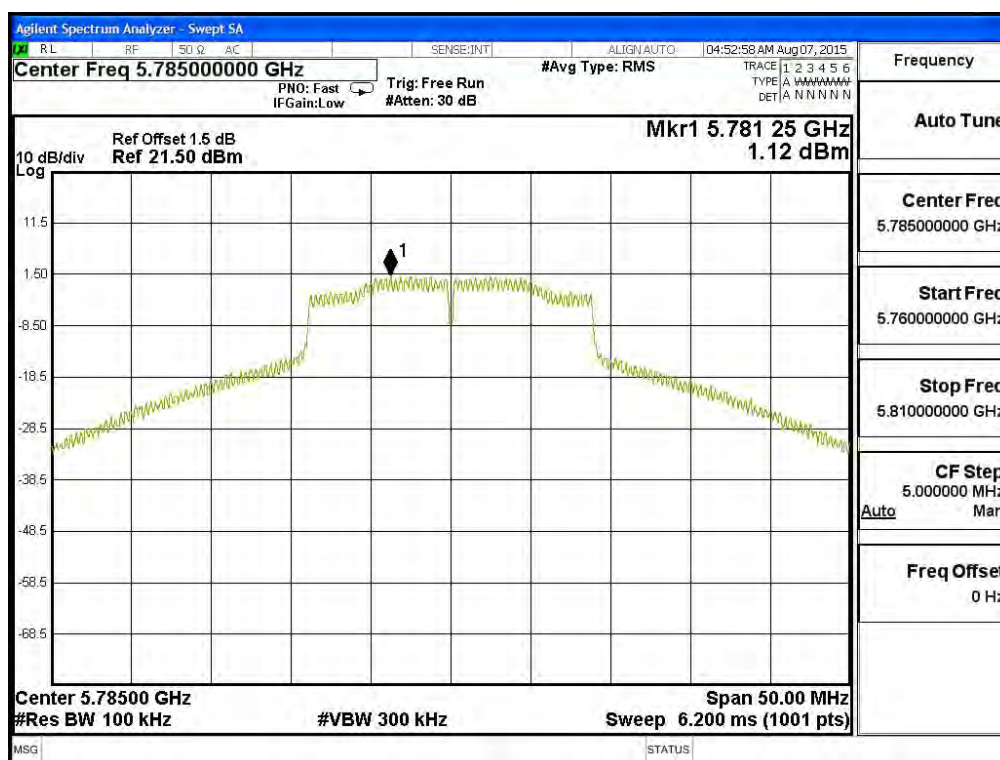
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
149	5745	-3.16	6.98	0.09	3.91	<30	Pass
157	5785	1.12	6.98	0.09	8.19	<30	Pass
165	5825	-2.55	6.98	0.09	4.52	<30	Pass

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

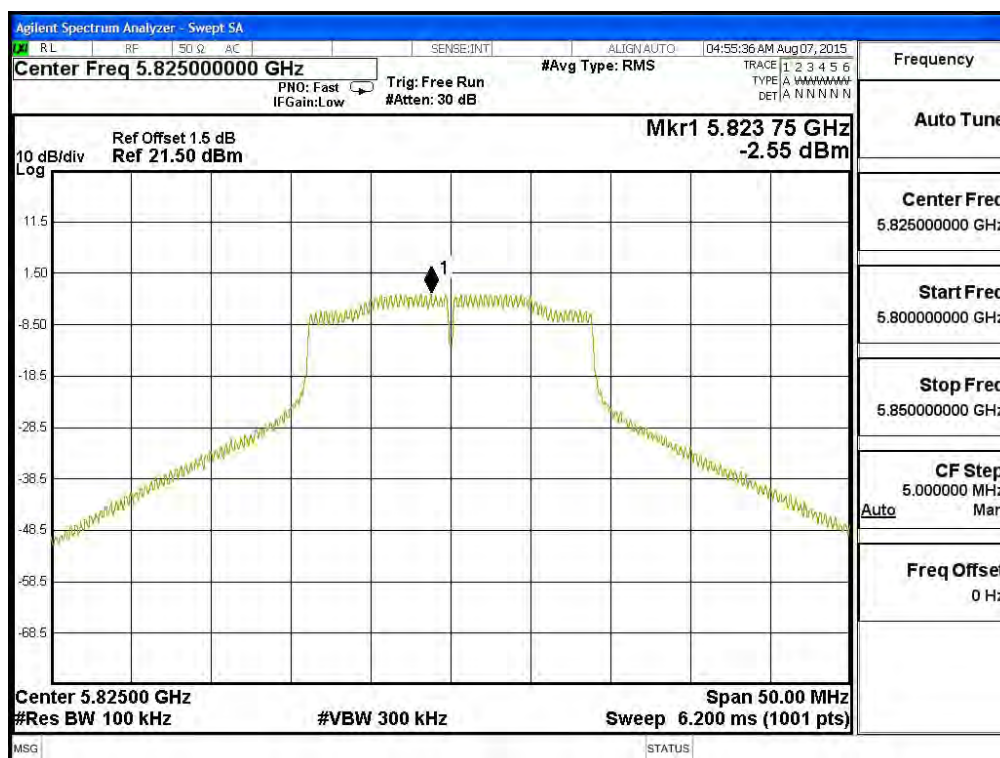
Channel 149:



Channel 157:



Channel 165:

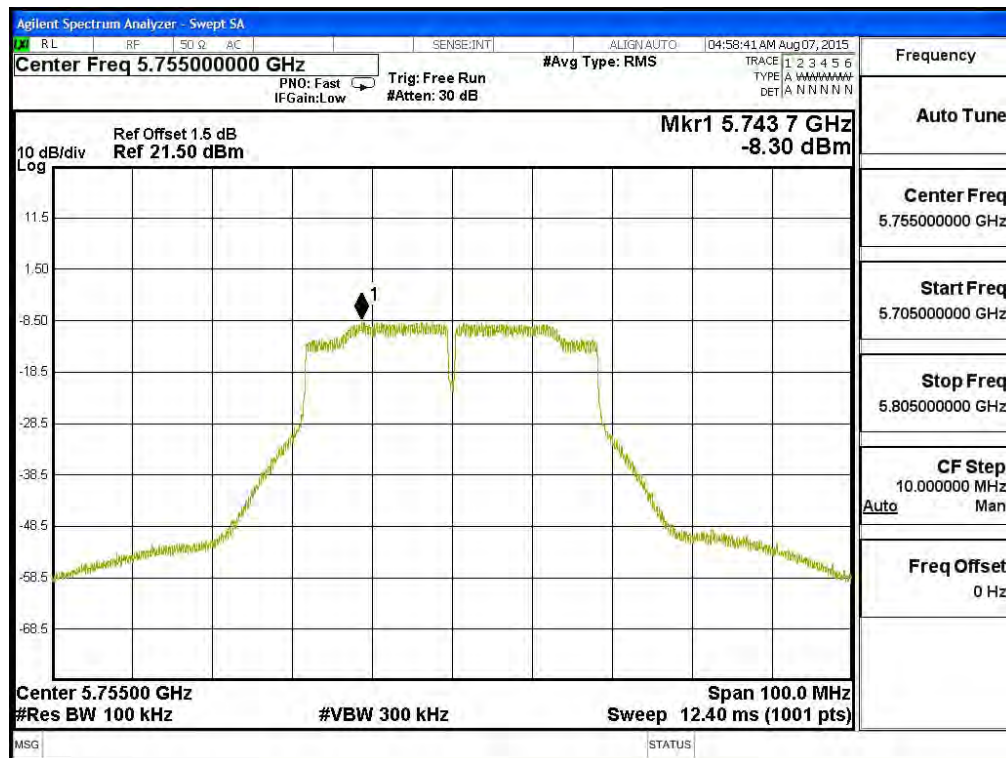


Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps)

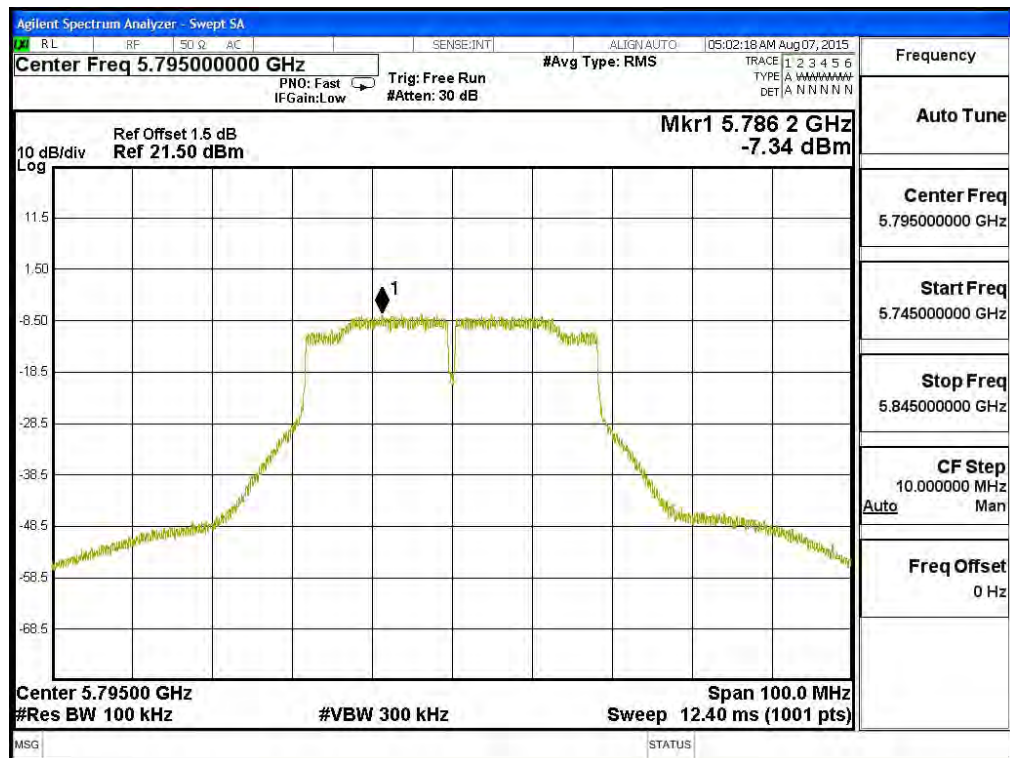
Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
151	5755	-8.30	6.98	0.15	-1.17	<30	Pass
159	5795	-7.34	6.98	0.15	-0.21	<30	Pass

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

Channel 151



Channel 159

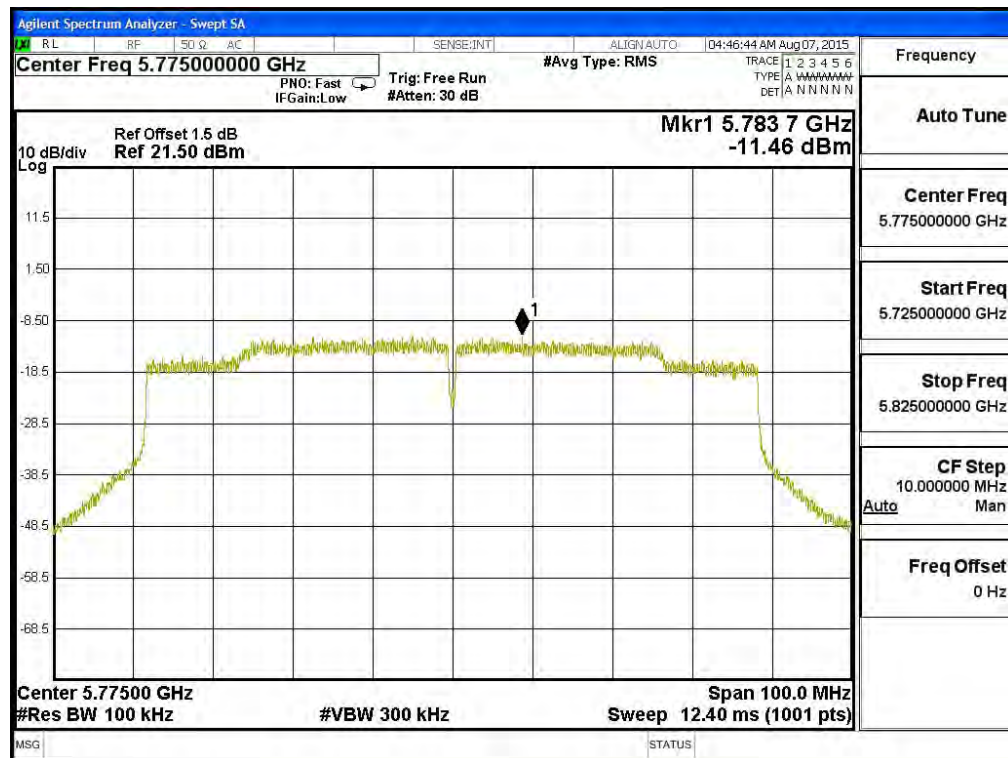


Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
155	5775	-11.46	6.98	0.31	-4.17	<30	Pass

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

Channel 155



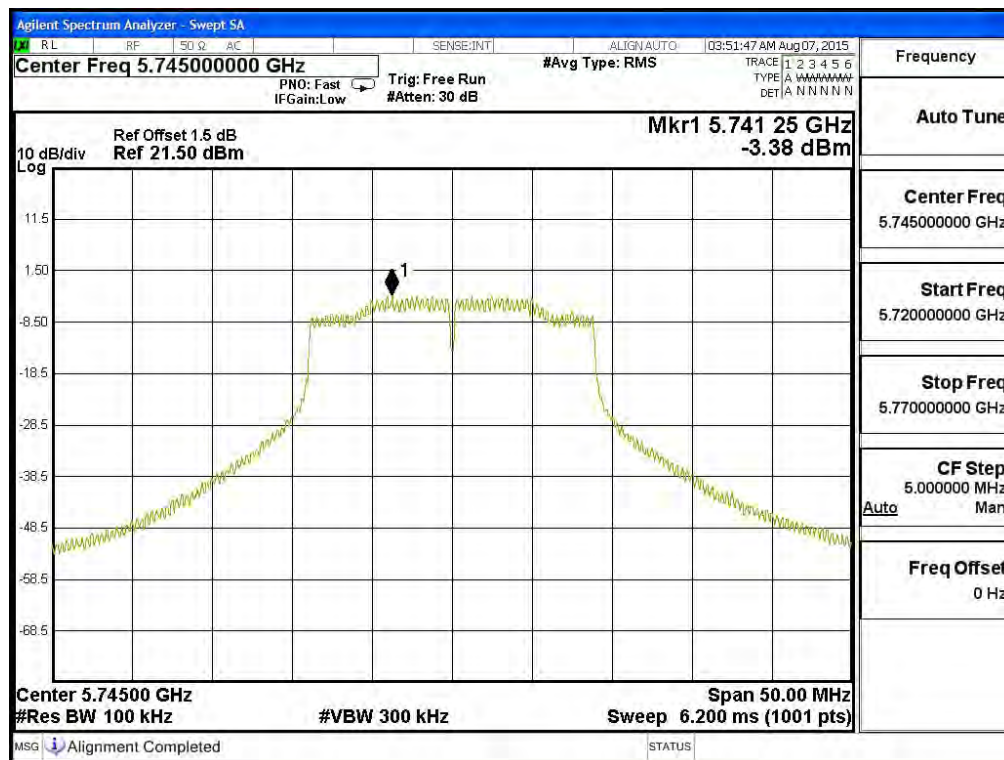
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
149	5745	A	-3.38	6.98	0.09	6.70	<30	Pass
		B	-3.52	6.98	0.09	6.56	<30	Pass
157	5785	A	-0.96	6.98	0.09	9.12	<30	Pass
		B	-1.55	6.98	0.09	8.53	<30	Pass
165	5825	A	-2.79	6.98	0.09	7.29	<30	Pass
		B	-3.32	6.98	0.09	6.76	<30	Pass

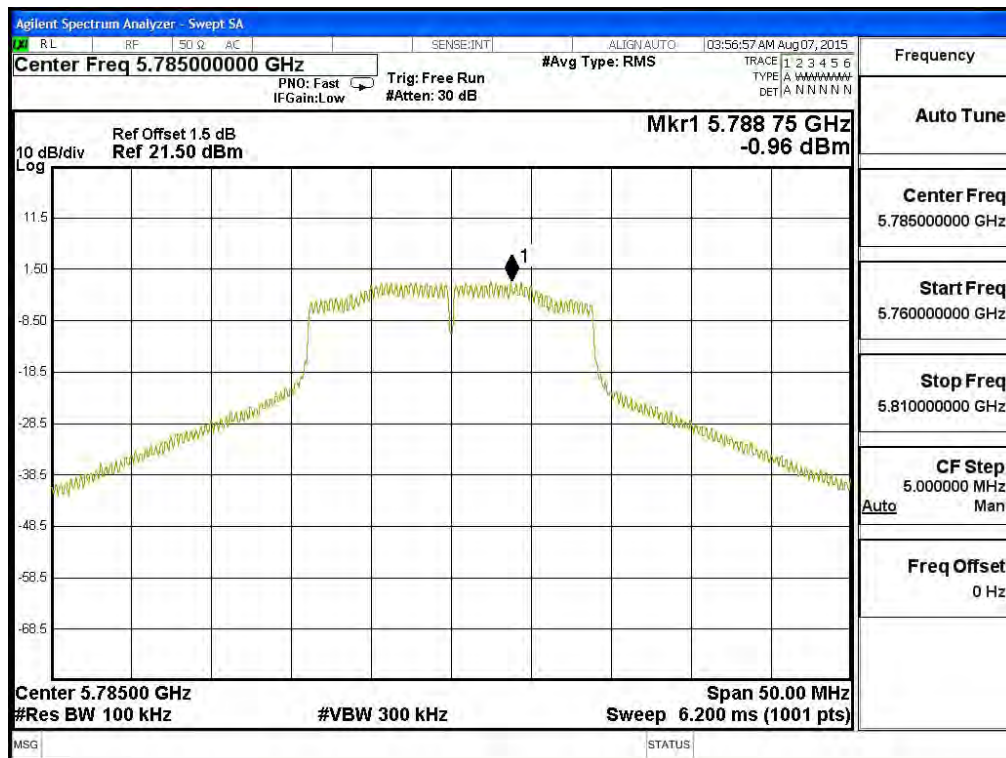
Note: 1. The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor + $10 \cdot \log 2$.

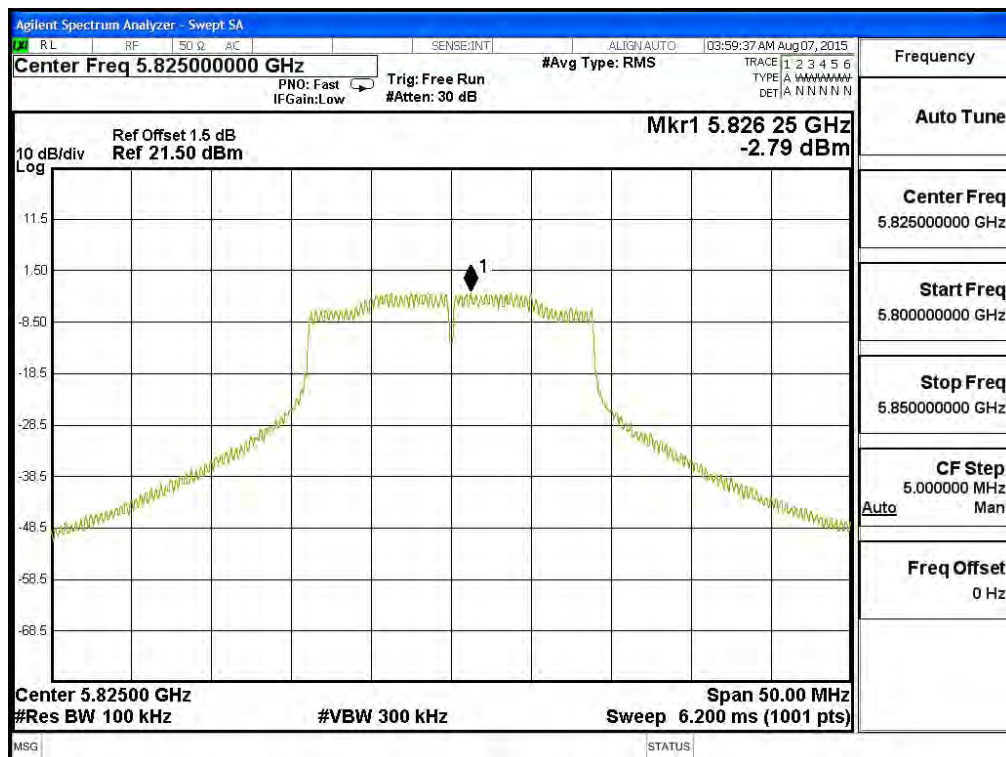
Channel 149 – Chain A



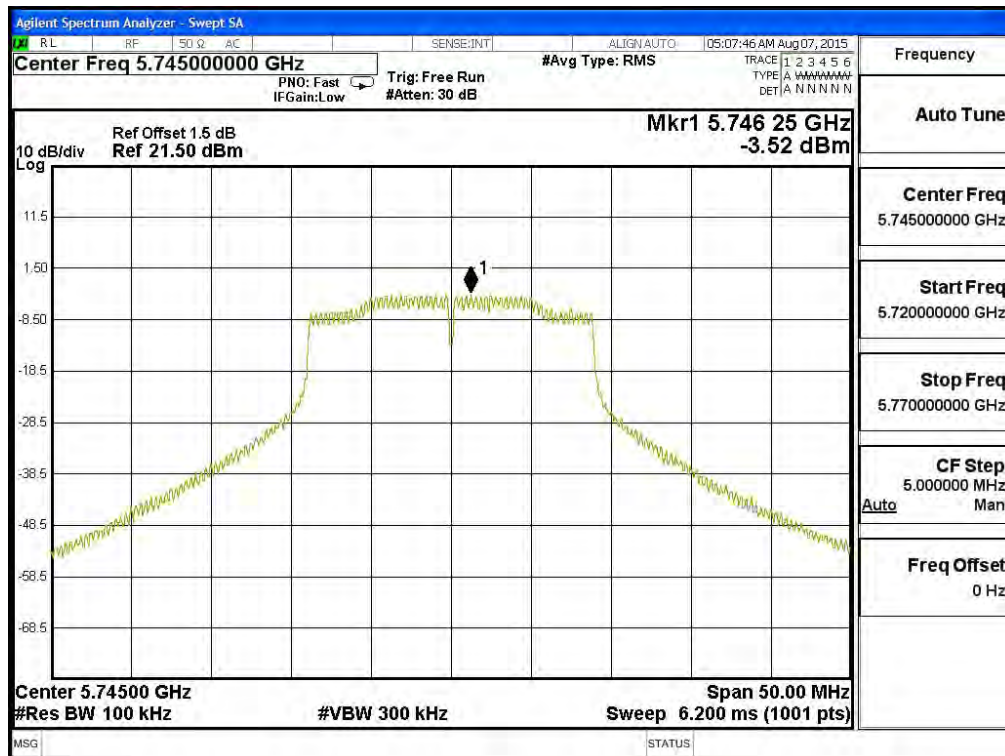
Channel 157 – Chain A



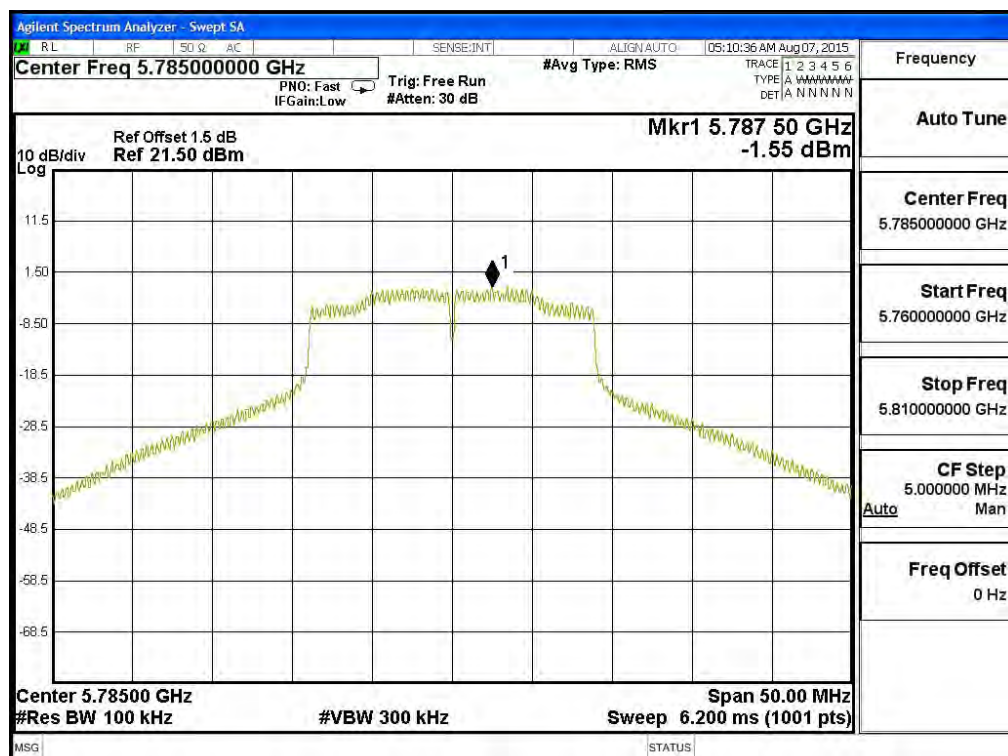
Channel 165 – Chain A



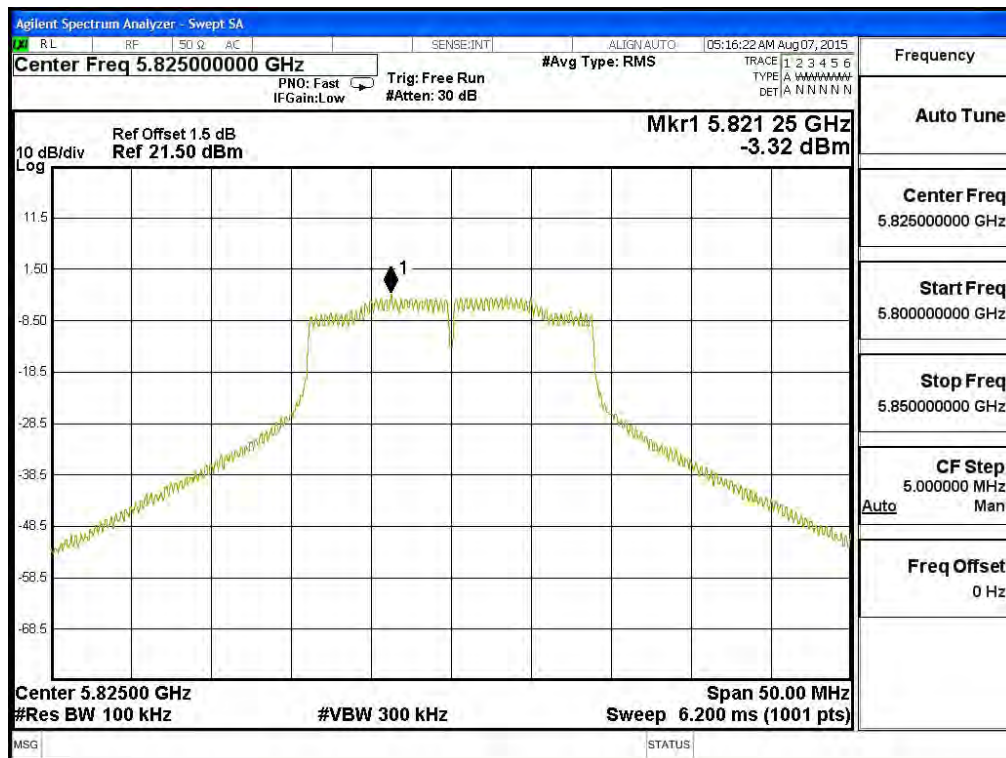
Channel 149 – Chain B



Channel 157 – Chain B



Channel 165 – Chain B



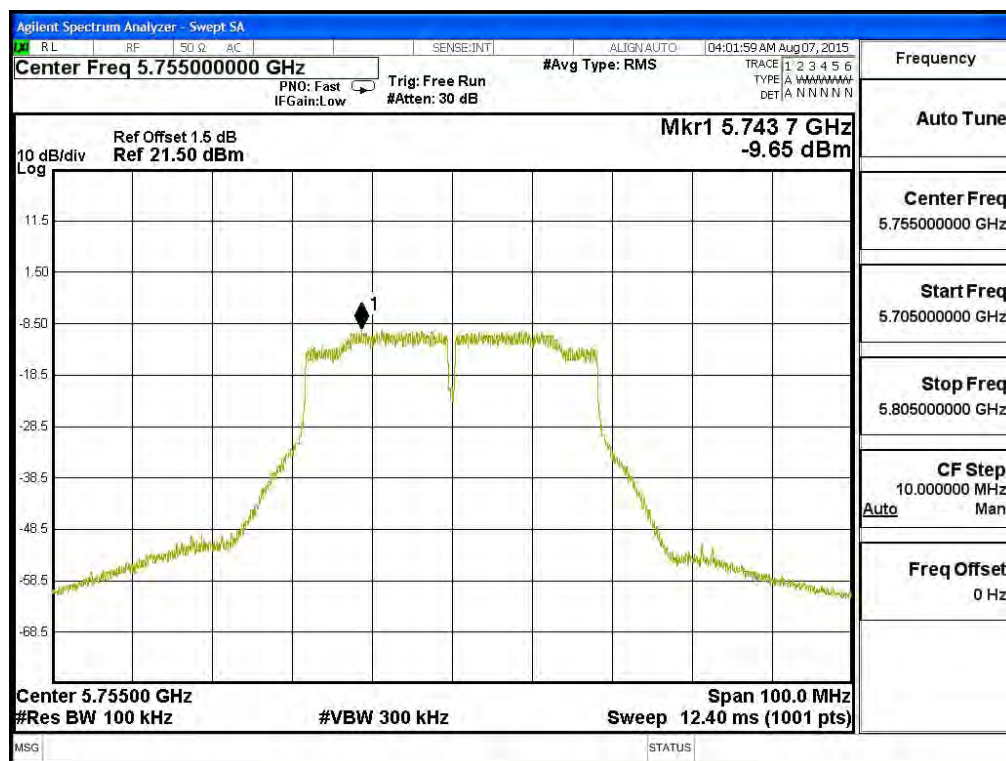
Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
151	5755	A	-9.65	6.98	0.15	0.49	<30	Pass
		B	-8.95	6.98	0.15	1.19	<30	Pass
159	5795	A	-6.71	6.98	0.15	3.43	<30	Pass
		B	-7.02	6.98	0.15	3.12	<30	Pass

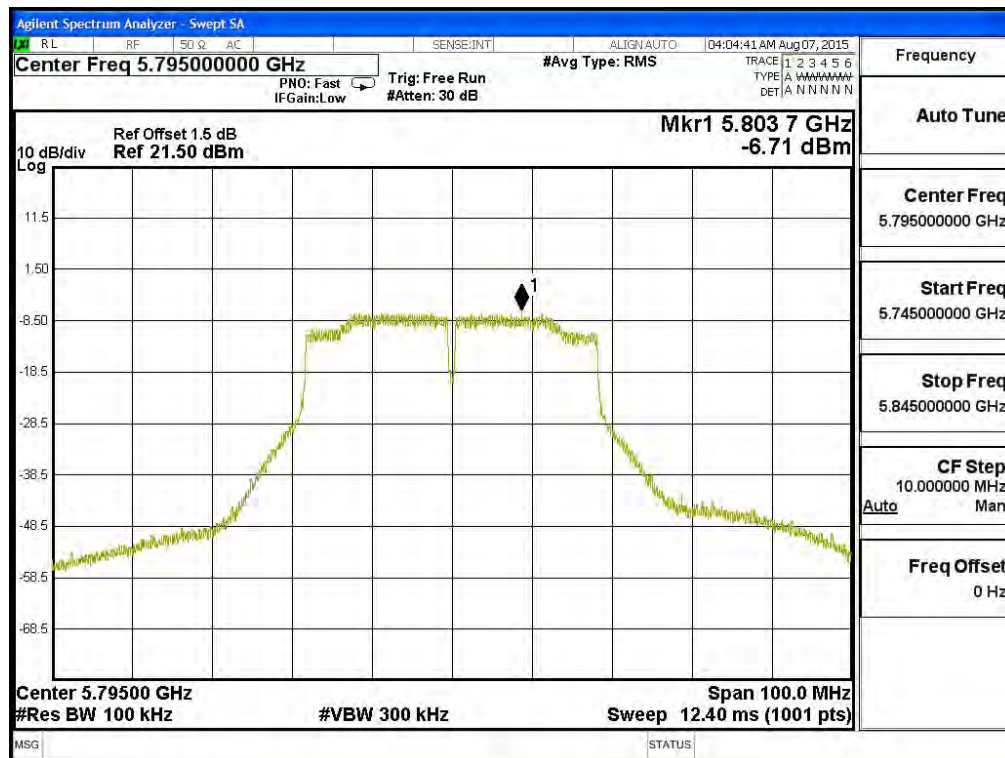
Note: 1. The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor + $10 \cdot \log 2$.

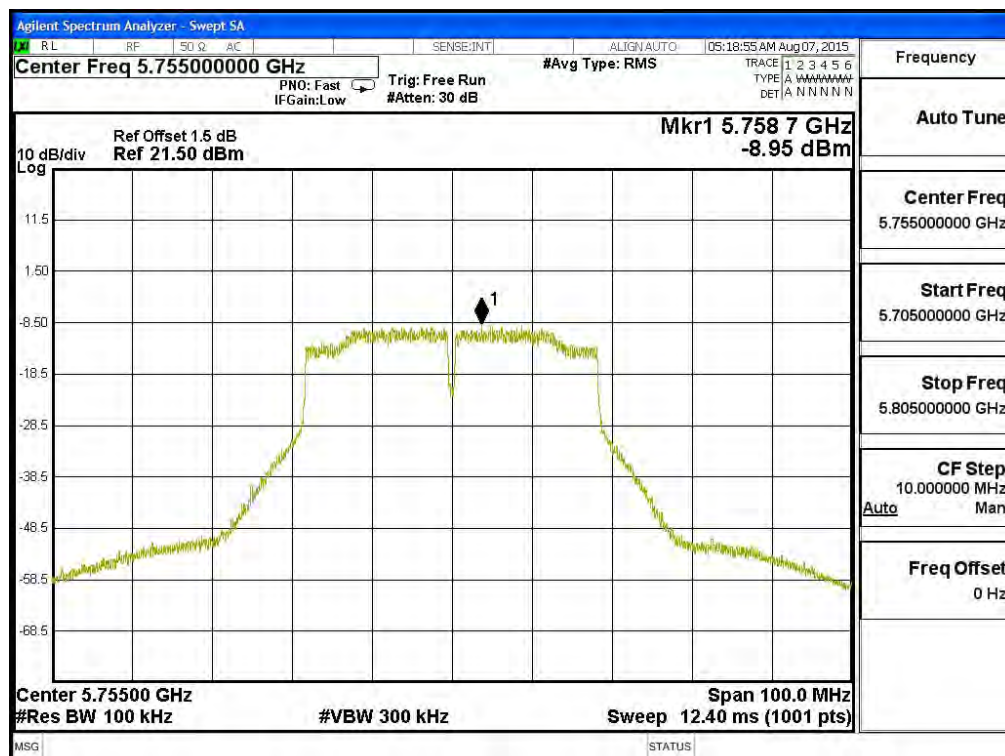
Channel 151 – Chain A



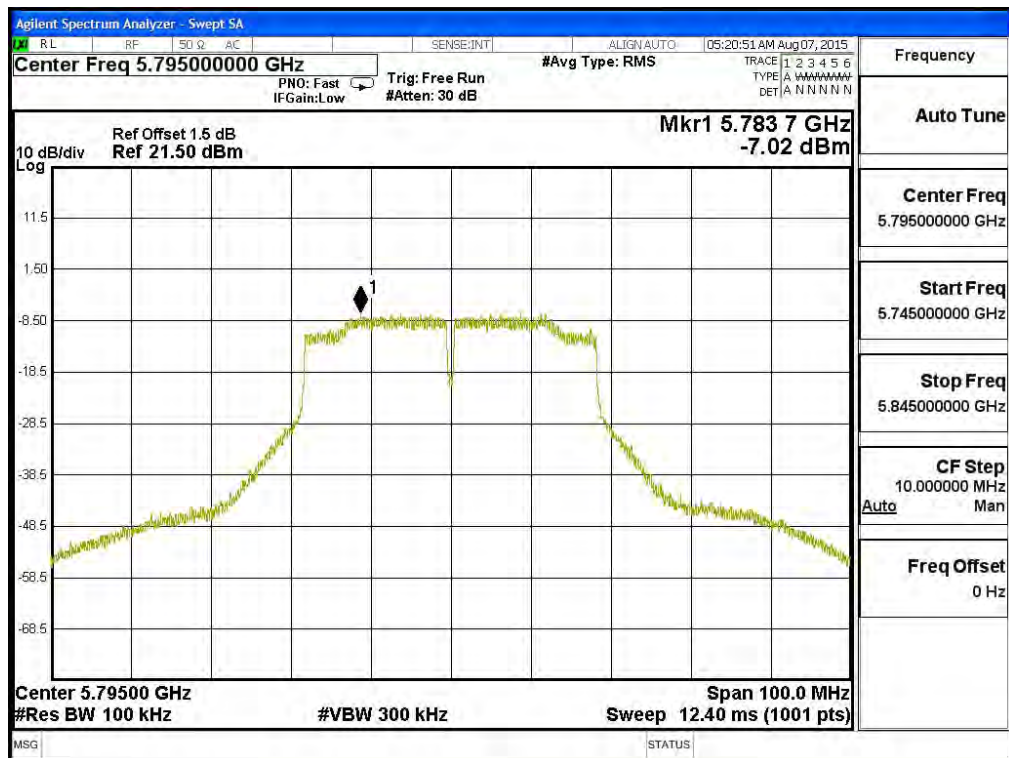
Channel 159 – Chain A



Channel 151 – Chain B



Channel 159 – Chain B



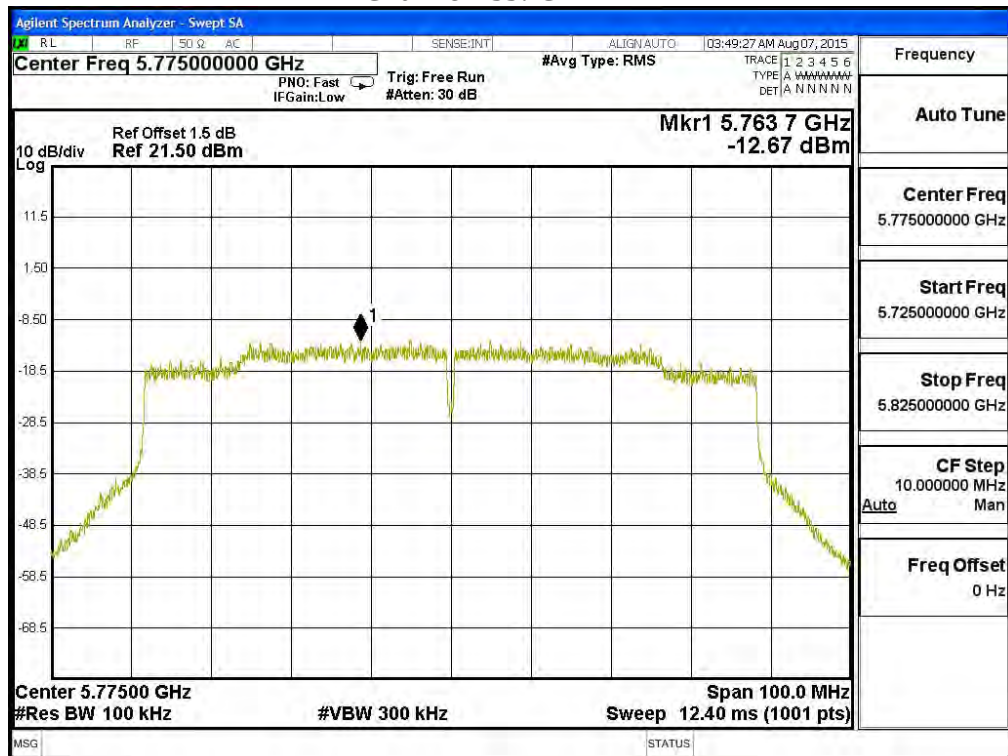
Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
155	5775	A	-12.67	6.98	0.31	-2.37	<30	Pass
		B	-11.87	6.98	0.31	-1.57	<30	Pass

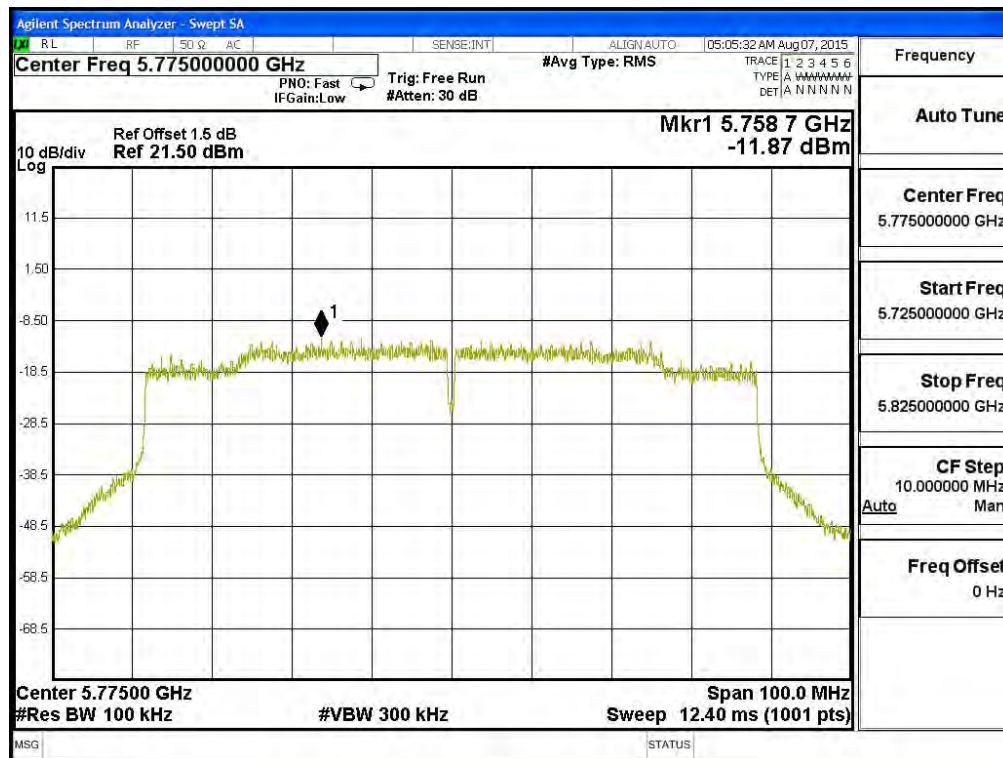
Note: 1. The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor + $10 \cdot \log 2$.

Channel 155: CHAIN A



Channel 155: CHAIN B



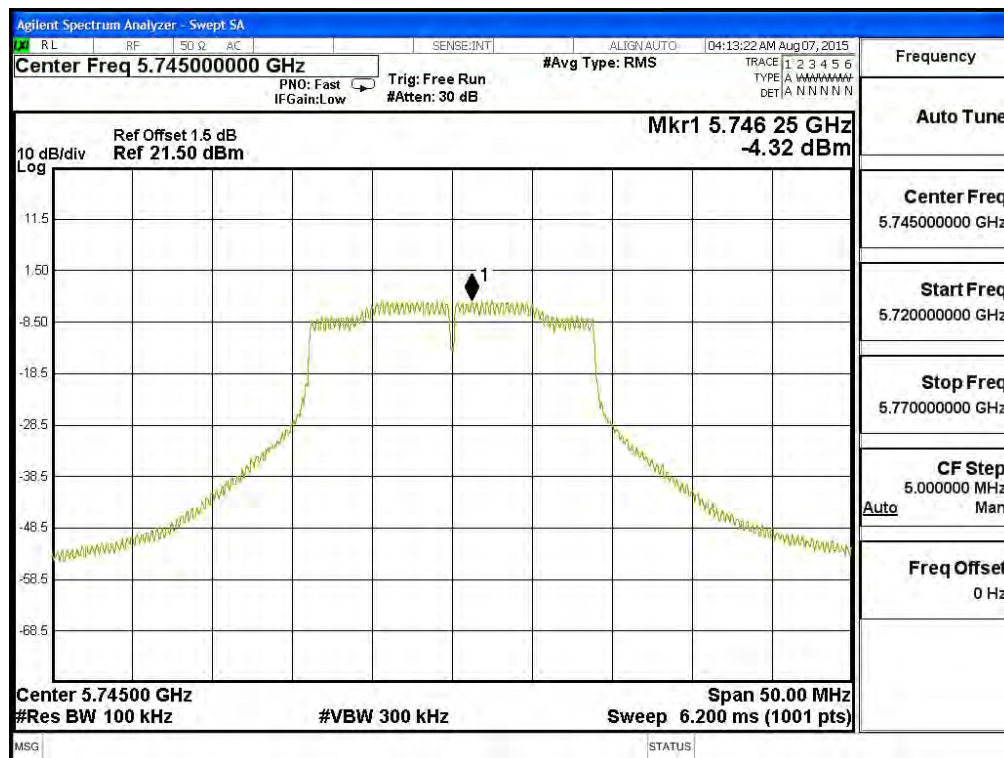
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Peak Power Spectral Density
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
149	5745	A	-4.32	6.98	0.09	5.76	<30	Pass
		B	-3.72	6.98	0.09	6.36	<30	Pass
157	5785	A	-1.06	6.98	0.09	9.02	<30	Pass
		B	-1.53	6.98	0.09	8.55	<30	Pass
165	5825	A	-3.40	6.98	0.09	6.68	<30	Pass
		B	-3.71	6.98	0.09	6.37	<30	Pass

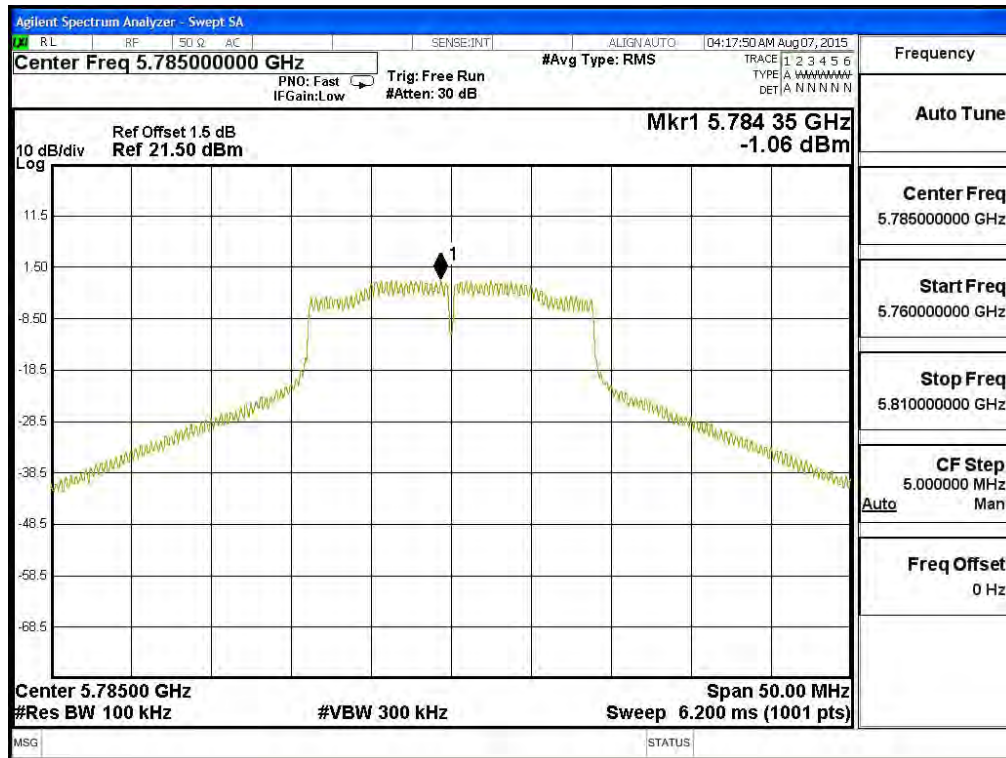
Note: 1. The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor + $10 \cdot \log 2$.

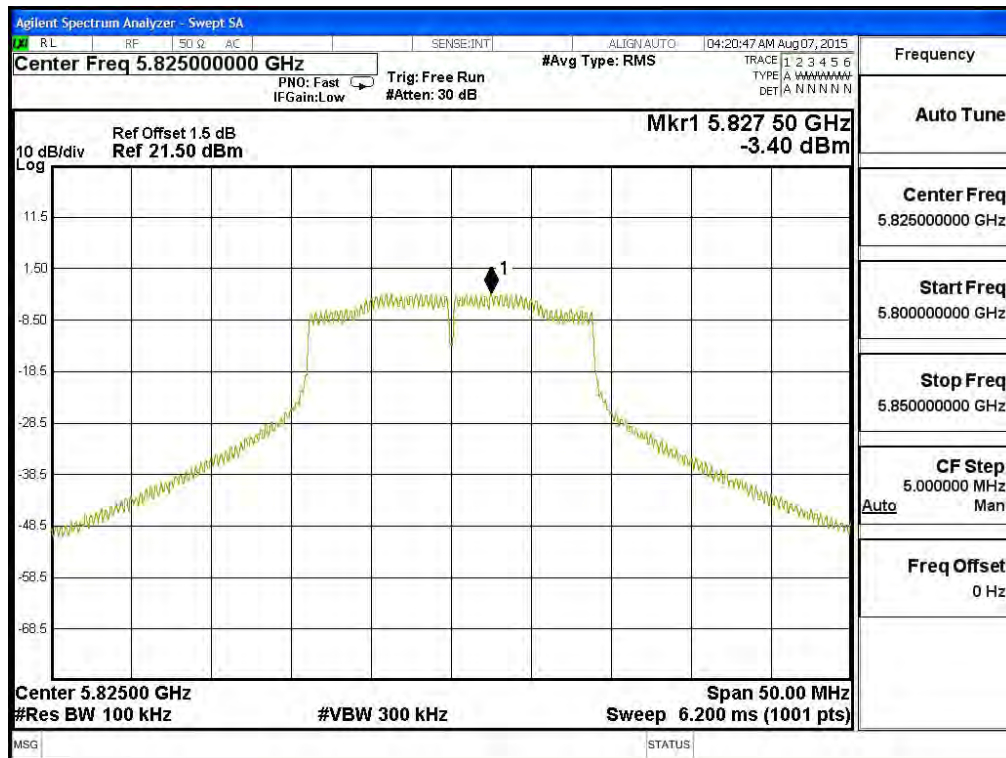
Channel 149 – Chain A



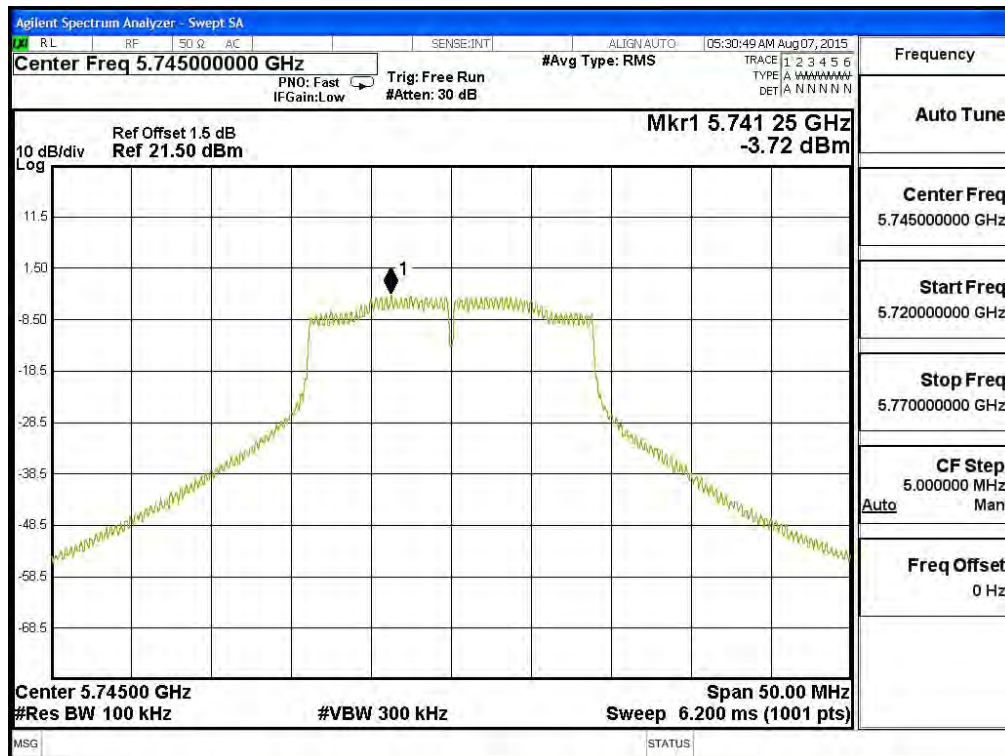
Channel 157 – Chain A



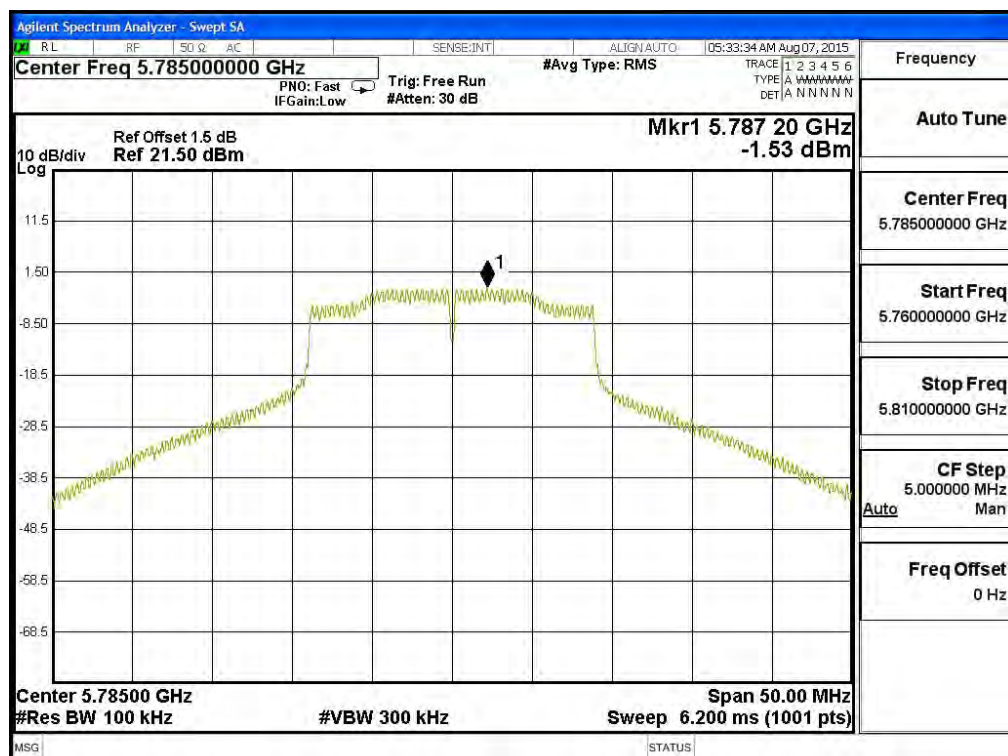
Channel 165 – Chain A



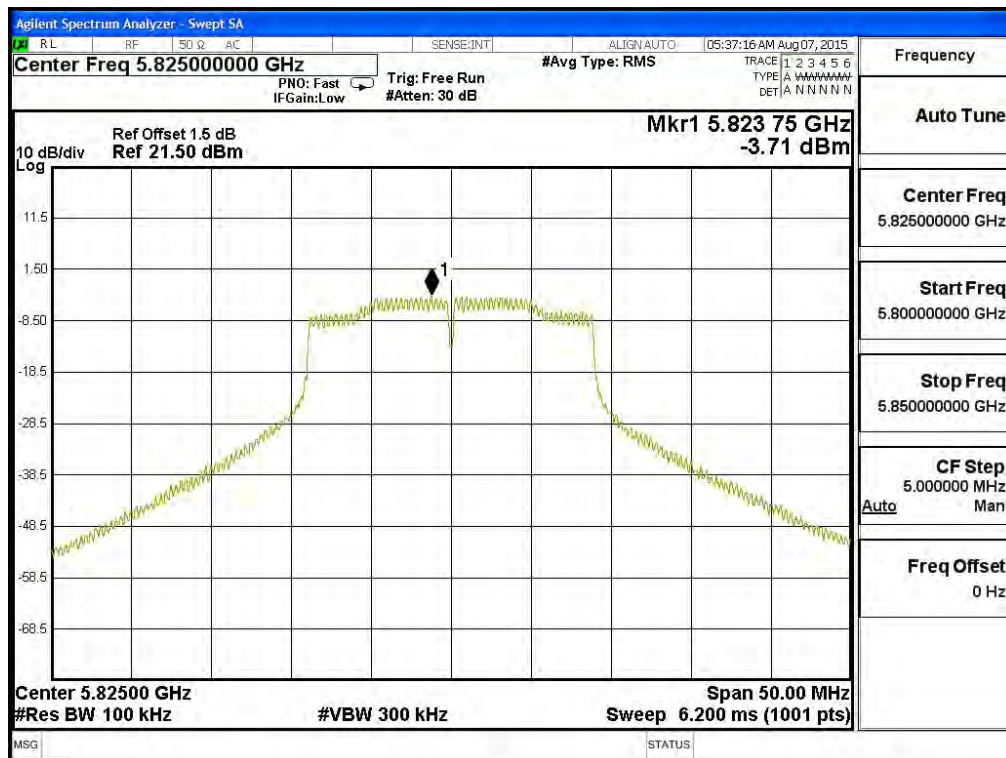
Channel 149 – Chain B



Channel 157 – Chain B



Channel 165 – Chain B



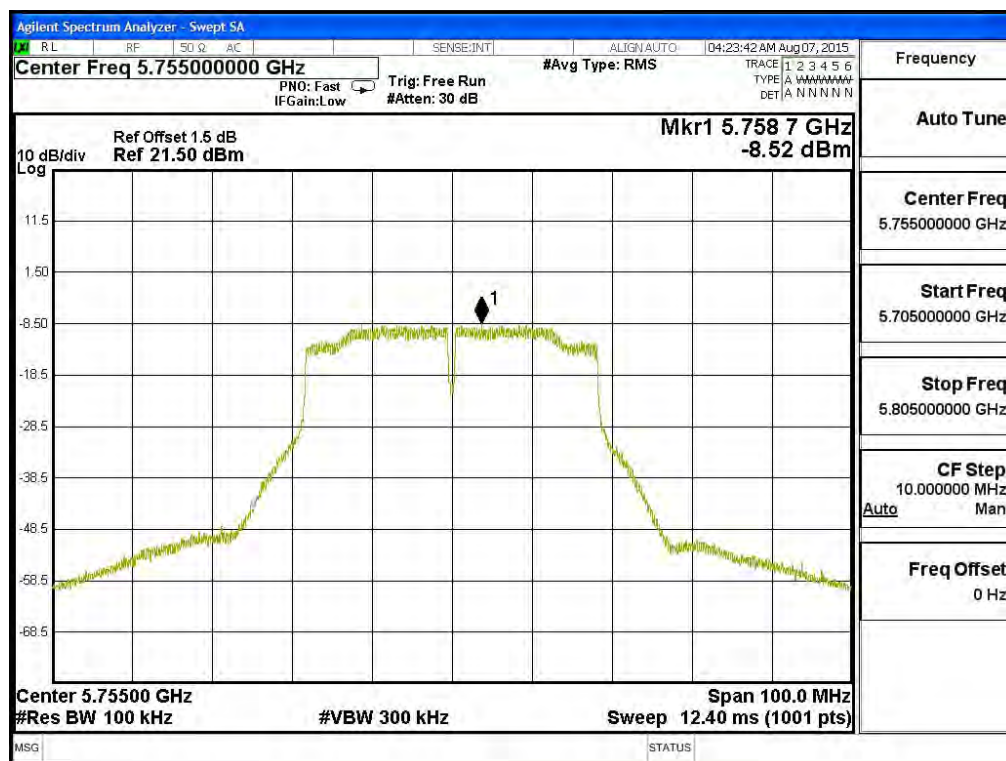
Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
151	5755	A	-8.52	6.98	0.15	1.62	<30	Pass
		B	-8.18	6.98	0.15	1.96	<30	Pass
159	5795	A	-6.89	6.98	0.15	3.25	<30	Pass
		B	-7.27	6.98	0.15	2.87	<30	Pass

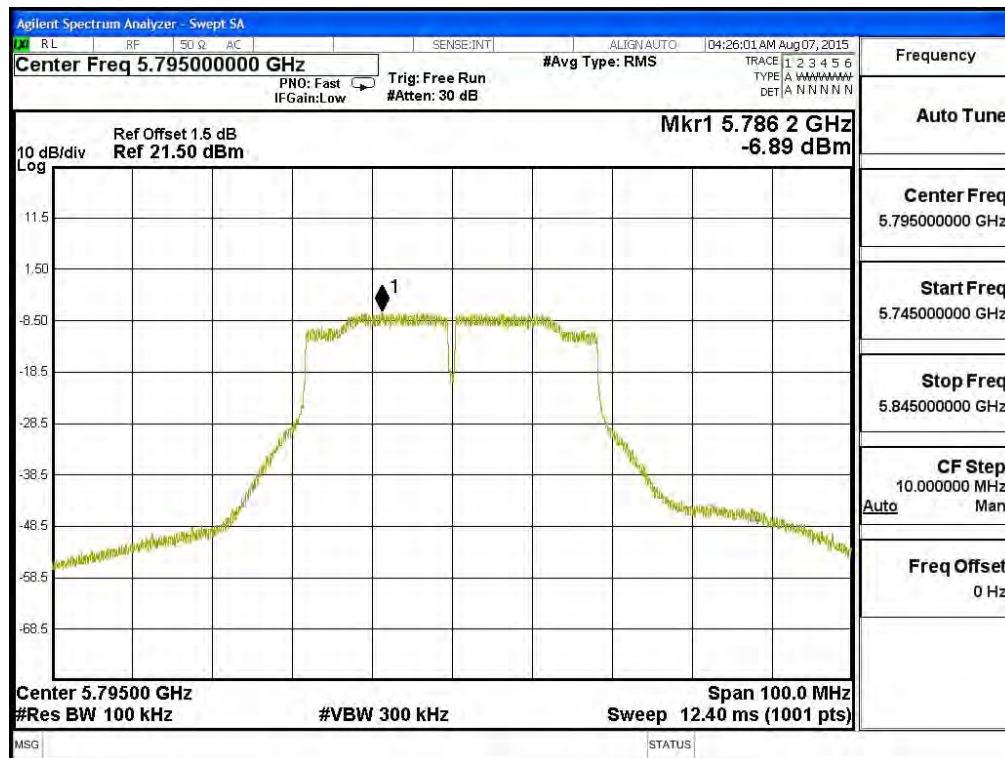
Note: 1. The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor + $10 \cdot \log 2$.

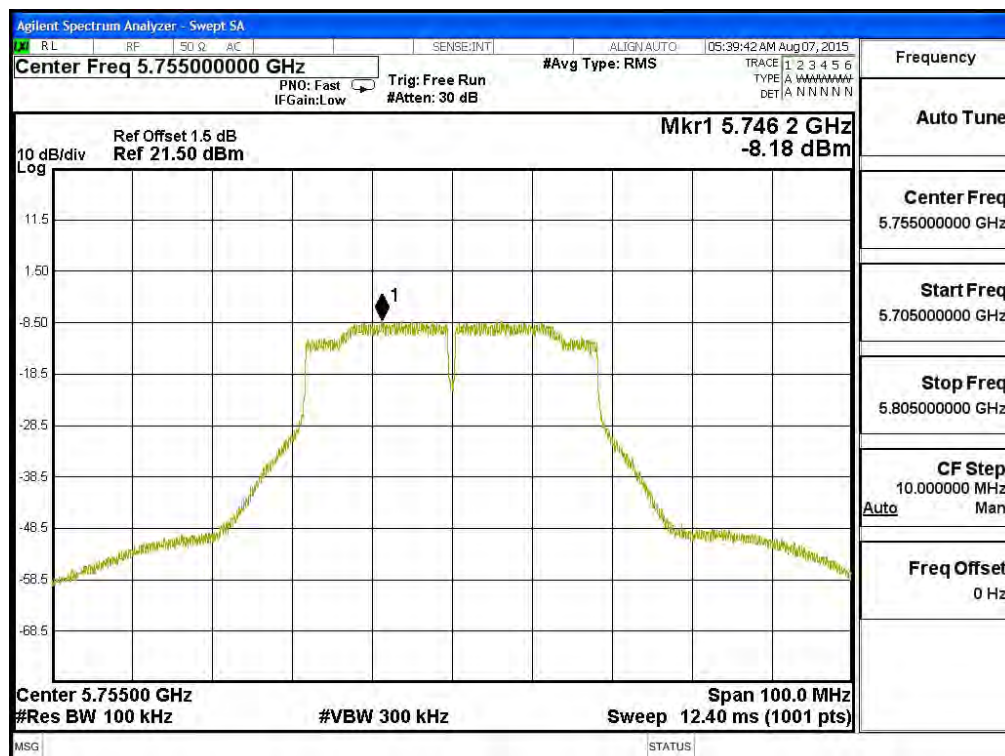
Channel 151 – Chain A



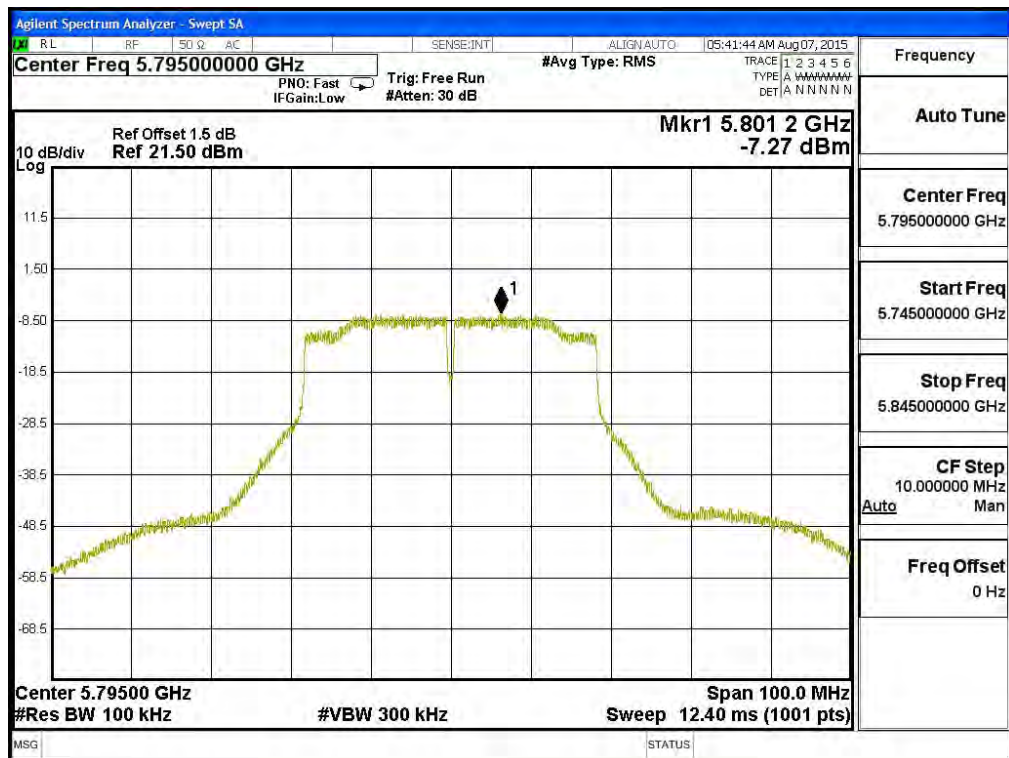
Channel 159 – Chain A



Channel 151 – Chain B



Channel 159 – Chain B



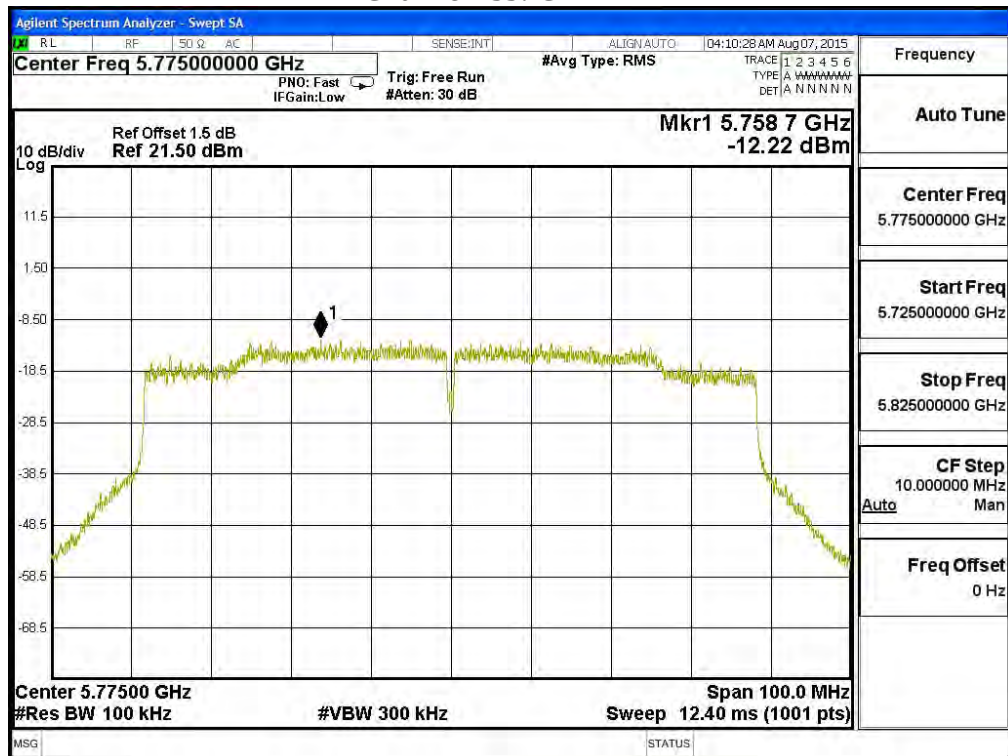
Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Duty Factor (dBm)	Total PPSD (dBm) ₁	Required Limit (dBm)	Result
155	5775	A	-12.22	6.98	0.31	-1.92	<30	Pass
		B	-11.76	6.98	0.31	-1.46	<30	Pass

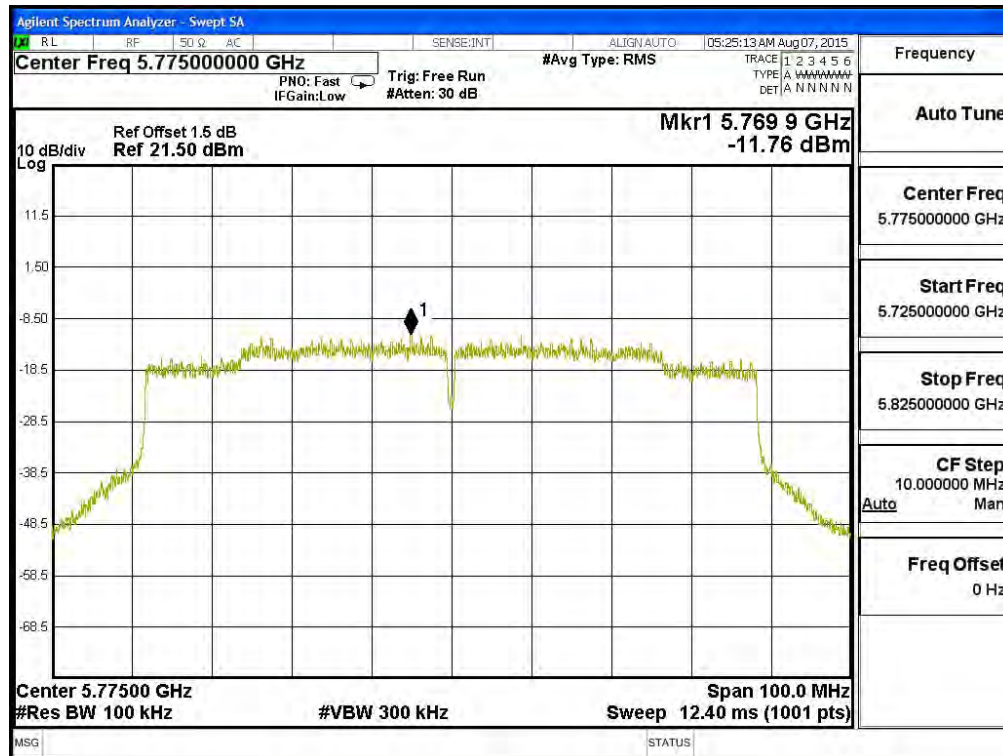
Note: 1. The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor + $10 \cdot \log 2$.

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:

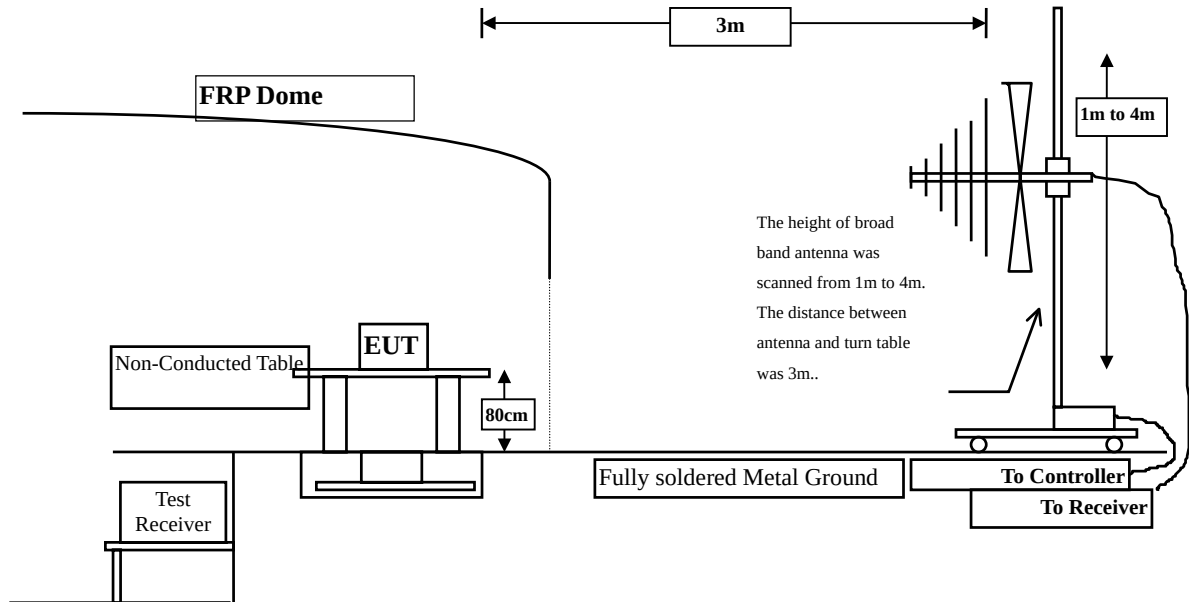
Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
☒ Site # 3	X	Magnetic Loop Antenna	Teseq	HLA6121/ 37133	Sep, 2014
	X	Bilog Antenna	Schaffner Chase	CBL6112B/ 2707	Jun, 2015
	X	EMI Test Receiver	R&S	ESCS 30/838251/ 001	Jun, 2015
	X	Coaxial Cable	QTK(Arnist)	RG 214/ LC003-RG	Jun, 2015
	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

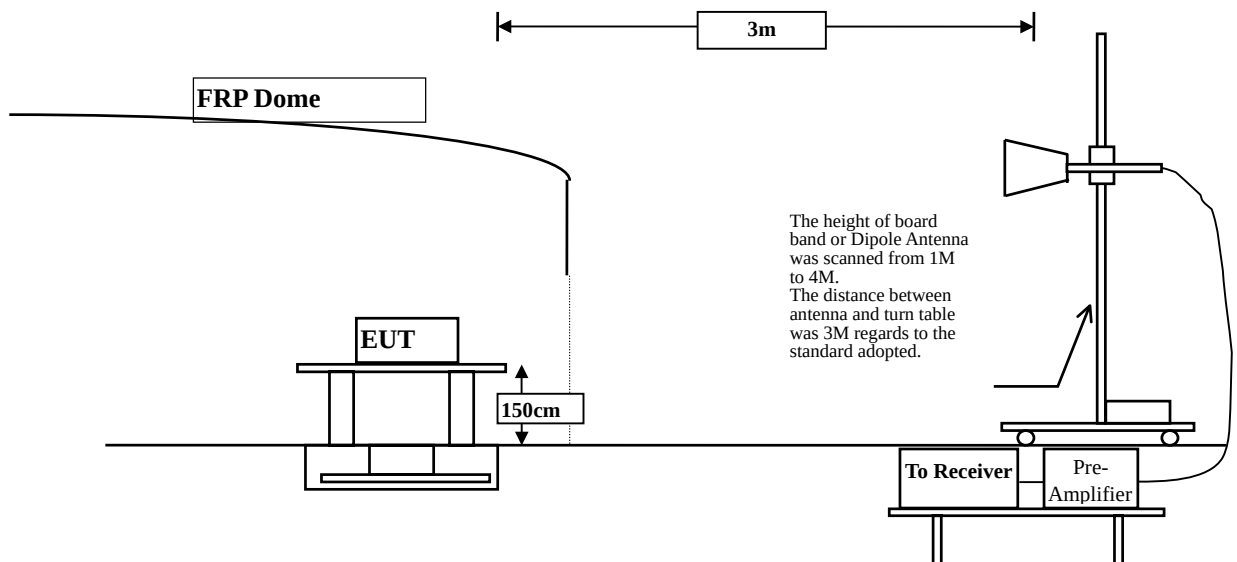
- Note:
1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
 2. The test instruments marked with "X" are used to measure the final test results.

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 from 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 SISO A: Transmit (802.11a-6Mbps) (5745MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11490.000	17.106	35.355	52.461	-21.539	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	34.227	52.261	-21.739	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 SISO A: Transmit (802.11a-6Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11570.000	16.809	34.107	50.916	-23.084	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	35.492	53.190	-20.810	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 SISO A: Transmit (802.11a-6Mbps) (5825MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11650.000	16.158	35.053	51.211	-22.789	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	34.761	52.035	-21.965	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 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) (5745MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11490.000	17.106	34.067	51.173	-22.827	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	33.767	51.801	-22.199	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 SISO A: Transmit (802.11n-20BW-7.2Mbps) (5785MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
11570.000	16.809	35.529	52.338	-21.662	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	34.776	52.474	-21.526	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 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) (5825MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11650.000	16.158	34.555	50.713	-23.287	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	34.889	52.163	-21.837	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 1 SISO A: Transmit (802.11n-40BW-15Mbps) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11510.000	17.124	34.565	51.689	-22.311	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	34.425	52.506	-21.494	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 1 SISO A: Transmit (802.11n-40BW-15Mbps) (5795MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
11590.000	16.701	34.849	51.550	-22.450	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	35.059	52.626	-21.374	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 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11530.000	17.018	35.601	52.619	-21.381	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:					
11530.000	17.952	34.436	52.388	-21.612	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 : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5745MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11490.000	17.106	35.044	52.150	-21.850	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	34.196	52.230	-21.770	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 SISO B: Transmit (802.11a-6Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11570.000	16.809	35.256	52.065	-21.935	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	34.856	52.554	-21.446	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 2 SISO B: Transmit (802.11a-6Mbps) (5825MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11650.000	16.158	34.047	50.205	-23.795	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	34.337	51.611	-22.389	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 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
11490.000	17.106	34.342	51.448	-22.552	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	34.264	52.298	-21.702	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 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11570.000	16.809	34.242	51.051	-22.949	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	34.542	52.240	-21.760	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 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11650.000	16.158	33.800	49.958	-24.042	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	34.359	51.633	-22.367	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 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11510.000	17.124	35.218	52.342	-21.658	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	34.931	53.012	-20.988	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 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5795MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11590.000	16.701	34.388	51.089	-22.911	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	16.701	34.388	51.089	-22.911	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 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11530.000	17.018	34.610	51.628	-22.372	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:					
11530.000	17.952	34.302	52.254	-21.746	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 : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5745MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11490.000	17.106	34.772	51.878	-22.122	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	34.717	52.751	-21.249	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 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11570.000	16.809	34.979	51.788	-22.212	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	34.930	52.628	-21.372	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 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5825MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11650.000	16.158	34.621	50.779	-23.221	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	34.450	51.724	-22.276	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 MIMO: Transmit (802.11n-40BW 30Mbps) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11510.000	17.124	33.818	50.942	-23.058	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	33.988	52.069	-21.931	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 MIMO: Transmit (802.11n-40BW 30Mbps) (5795MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
11590.000	16.701	34.709	51.410	-22.590	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	34.894	52.461	-21.539	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 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11530.000	17.018	34.781	51.799	-22.201	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:					
11530.000	17.952	34.717	52.669	-21.331	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 : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5745MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11490.000	17.106	34.255	51.361	-22.639	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	34.522	52.556	-21.444	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 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11570.000	16.809	34.319	51.128	-22.872	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	34.758	52.456	-21.544	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 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5825MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11650.000	16.158	34.053	50.211	-23.789	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	34.251	51.525	-22.475	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 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11510.000	17.124	34.227	51.351	-22.649	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	34.487	52.568	-21.432	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 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5795MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11590.000	16.701	34.786	51.487	-22.513	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	34.444	52.011	-21.989	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 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
Peak Detector:					
11530.000	17.018	34.557	51.575	-22.425	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:					
11530.000	17.952	34.301	52.253	-21.747	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 SISO A: Transmit (802.11a-6Mbps) (5785MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB μ V	dB μ V/m	dB	dB μ V/m
Horizontal					
Peak Detector					
141.920	-10.440	48.701	38.261	-5.239	43.500
238.599	-7.221	39.726	32.505	-13.495	46.000
337.829	-3.900	40.356	36.456	-9.544	46.000
451.289	-1.677	32.915	31.238	-14.762	46.000
624.156	1.908	29.786	31.694	-14.306	46.000
791.419	5.216	23.676	28.892	-17.108	46.000
Vertical					
Peak Detector					
118.707	-3.423	40.110	36.687	-6.813	43.500
325.446	-5.729	39.646	33.917	-12.083	46.000
494.146	-2.286	29.868	27.582	-18.418	46.000
624.378	-2.580	30.019	27.439	-18.561	46.000
816.198	3.235	26.715	29.950	-16.050	46.000
960.917	7.213	23.404	30.617	-23.383	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 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) (5785MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
166.273	-11.009	45.198	34.189	-9.311	43.500
300.405	-3.521	37.076	33.555	-12.445	46.000
417.596	-3.234	36.277	33.043	-12.957	46.000
529.128	1.850	31.080	32.930	-13.070	46.000
678.384	2.884	32.852	35.736	-10.264	46.000
841.055	5.204	25.772	30.976	-15.024	46.000
Vertical					
Peak Detector					
166.174	-7.817	44.387	36.570	-6.930	43.500
337.928	-4.364	41.458	37.094	-8.906	46.000
510.644	-0.178	32.317	32.139	-13.861	46.000
721.475	-0.098	27.622	27.524	-18.476	46.000
841.377	2.993	26.781	29.774	-16.226	46.000
969.198	8.191	23.014	31.205	-22.795	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 1 SISO A: Transmit (802.11n-40BW-15Mbps) (5755MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
165.355	-11.138	44.951	33.813	-9.687	43.500
300.137	-3.545	37.624	34.079	-11.921	46.000
417.682	-3.234	37.566	34.332	-11.668	46.000
529.828	1.858	31.301	33.159	-12.841	46.000
680.409	2.866	29.420	32.286	-13.714	46.000
816.248	5.350	26.316	31.666	-14.334	46.000
Vertical					
Peak Detector					
118.716	-3.423	39.262	35.839	-7.661	43.500
240.157	-8.518	39.937	31.419	-14.581	46.000
337.565	-4.428	40.120	35.692	-10.308	46.000
527.917	-0.452	32.728	32.276	-13.724	46.000
673.838	-0.580	34.133	33.553	-12.447	46.000
816.255	3.237	25.827	29.064	-16.936	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 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
308.959	-3.652	38.111	34.459	-11.541	46.000
399.417	-2.276	35.379	33.103	-12.897	46.000
500.605	0.103	29.789	29.892	-16.108	46.000
599.169	3.985	25.718	29.703	-16.297	46.000
667.296	2.024	29.876	31.900	-14.100	46.000
797.828	5.150	24.525	29.675	-16.325	46.000
Vertical					
Peak Detector					
108.724	-0.373	32.186	31.813	-11.687	43.500
211.630	-7.939	38.208	30.269	-13.231	43.500
332.896	-4.916	33.650	28.734	-17.266	46.000
500.160	-0.799	30.842	30.043	-15.957	46.000
624.366	-2.581	28.244	25.663	-20.337	46.000
867.477	0.641	33.526	34.167	-11.833	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 SISO B: Transmit (802.11a-6Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
141.915	-10.440	47.777	37.337	-6.163	43.500
238.601	-7.221	39.642	32.421	-13.579	46.000
337.823	-3.900	40.169	36.269	-9.731	46.000
451.292	-1.677	32.711	31.034	-14.966	46.000
624.147	1.908	28.857	30.765	-15.235	46.000
791.422	5.216	23.402	28.618	-17.382	46.000
Vertical					
Peak Detector					
118.709	-3.423	39.959	36.536	-6.964	43.500
325.439	-5.729	39.050	33.321	-12.679	46.000
494.138	-2.286	29.346	27.060	-18.940	46.000
624.378	-2.580	29.981	27.401	-18.599	46.000
816.189	3.235	26.391	29.626	-16.374	46.000
960.919	7.213	22.668	29.881	-24.119	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 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
166.277	-11.009	44.967	33.958	-9.542	43.500
300.410	-3.521	36.324	32.803	-13.197	46.000
417.599	-3.234	35.313	32.079	-13.921	46.000
529.122	1.850	30.833	32.683	-13.317	46.000
678.387	2.884	32.347	35.231	-10.769	46.000
841.047	5.204	24.840	30.044	-15.956	46.000
Vertical					
Peak Detector					
166.178	-7.817	43.827	36.010	-7.490	43.500
337.932	-4.364	40.501	36.137	-9.863	46.000
510.644	-0.178	31.465	31.287	-14.713	46.000
721.469	-0.098	27.565	27.467	-18.533	46.000
841.379	2.993	25.853	28.846	-17.154	46.000
969.189	8.191	22.375	30.566	-23.434	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 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
165.359	-11.138	44.130	32.992	-10.508	43.500
300.128	-3.545	36.860	33.315	-12.685	46.000
417.685	-3.234	37.495	34.261	-11.739	46.000
529.819	1.858	30.917	32.775	-13.225	46.000
680.409	2.866	29.326	32.192	-13.808	46.000
816.252	5.350	26.148	31.498	-14.502	46.000
Vertical					
Peak Detector					
118.717	-3.423	38.930	35.507	-7.993	43.500
240.162	-8.518	38.976	30.458	-15.542	46.000
337.568	-4.428	39.793	35.365	-10.635	46.000
527.912	-0.452	32.217	31.765	-14.235	46.000
673.830	-0.580	33.993	33.413	-12.587	46.000
816.247	3.237	25.143	28.380	-17.620	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 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
308.961	-3.652	37.786	34.134	-11.866	46.000
399.410	-2.276	35.290	33.014	-12.986	46.000
500.607	0.103	29.156	29.259	-16.741	46.000
599.174	3.985	25.104	29.089	-16.911	46.000
667.288	2.024	29.603	31.627	-14.373	46.000
797.829	5.150	24.438	29.588	-16.412	46.000
Vertical					
Peak Detector					
108.716	-0.373	32.162	31.789	-11.711	43.500
211.634	-7.939	37.374	29.435	-14.065	43.500
332.900	-4.916	32.900	27.984	-18.016	46.000
500.164	-0.799	30.229	29.430	-16.570	46.000
624.358	-2.581	27.423	24.842	-21.158	46.000
867.481	0.641	33.181	33.822	-12.178	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 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
166.265	-11.009	42.978	31.969	-11.531	43.500
300.389	-3.521	34.239	30.718	-15.282	46.000
417.571	-3.234	33.771	30.537	-15.463	46.000
529.109	1.850	27.957	29.807	-16.193	46.000
678.383	2.884	30.161	33.045	-12.955	46.000
841.047	5.204	22.273	27.477	-18.523	46.000
Vertical					
Peak Detector					
166.190	-7.817	41.275	33.458	-10.042	43.500
337.941	-4.364	38.392	34.028	-11.972	46.000
510.635	-0.178	29.134	28.956	-17.044	46.000
721.432	-0.098	26.482	26.384	-19.616	46.000
841.380	2.993	23.902	26.895	-19.105	46.000
969.186	8.191	20.564	28.755	-25.245	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 MIMO: Transmit (802.11n-40BW 30Mbps) (5755MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
165.354	-11.138	41.718	30.580	-12.920	43.500
300.118	-3.545	35.126	31.581	-14.419	46.000
417.657	-3.234	34.858	31.624	-14.376	46.000
529.798	1.858	28.362	30.220	-15.780	46.000
680.397	2.866	26.768	29.634	-16.366	46.000
816.239	5.350	23.764	29.114	-16.886	46.000
Vertical					
Peak Detector					
118.710	-3.423	36.116	32.693	-10.807	43.500
240.139	-8.518	37.247	28.729	-17.271	46.000
337.571	-4.428	37.522	33.094	-12.906	46.000
527.904	-0.452	29.868	29.416	-16.584	46.000
673.812	-0.580	31.460	30.880	-15.120	46.000
816.248	3.237	22.965	26.202	-19.798	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 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
308.961	-3.652	35.173	31.521	-14.479	46.000
399.388	-2.276	32.822	30.546	-15.454	46.000
500.597	0.103	26.900	27.003	-18.997	46.000
599.161	3.985	23.678	27.663	-18.337	46.000
667.273	2.024	27.000	29.024	-16.976	46.000
797.818	5.150	22.127	27.277	-18.723	46.000
Vertical					
Peak Detector					
108.685	-0.373	30.374	30.001	-13.499	43.500
211.646	-7.939	35.769	27.830	-15.670	43.500
332.882	-4.916	30.631	25.715	-20.285	46.000
500.129	-0.799	28.447	27.648	-18.352	46.000
624.362	-2.581	24.911	22.330	-23.670	46.000
867.460	0.641	31.043	31.684	-14.316	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 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
166.263	-11.009	43.282	32.273	-11.227	43.500
300.399	-3.521	34.632	31.111	-14.889	46.000
417.580	-3.234	34.166	30.932	-15.068	46.000
529.119	1.850	28.875	30.725	-15.275	46.000
678.378	2.884	30.709	33.593	-12.407	46.000
841.053	5.204	22.976	28.180	-17.820	46.000
Vertical					
Peak Detector					
166.186	-7.817	41.981	34.164	-9.336	43.500
337.940	-4.364	39.203	34.839	-11.161	46.000
510.635	-0.178	29.968	29.790	-16.210	46.000
721.441	-0.098	26.951	26.853	-19.147	46.000
841.377	2.993	24.729	27.722	-18.278	46.000
969.183	8.191	20.880	29.071	-24.929	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 Beamforming: Transmit (802.11n-40BW 30Mbps) (5755MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
165.362	-11.138	41.971	30.833	-12.667	43.500
300.113	-3.545	35.468	31.923	-14.077	46.000
417.666	-3.234	35.739	32.505	-13.495	46.000
529.807	1.858	29.036	30.894	-15.106	46.000
680.406	2.866	27.182	30.048	-15.952	46.000
816.248	5.350	24.387	29.737	-16.263	46.000
Vertical					
Peak Detector					
118.707	-3.423	36.528	33.105	-10.395	43.500
240.136	-8.518	37.313	28.795	-17.205	46.000
337.576	-4.428	38.166	33.738	-12.262	46.000
527.902	-0.452	30.678	30.226	-15.774	46.000
673.818	-0.580	31.925	31.345	-14.655	46.000
816.254	3.237	23.606	26.843	-19.157	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 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
308.957	-3.652	36.030	32.378	-13.622	46.000
399.397	-2.276	33.437	31.161	-14.839	46.000
500.603	0.103	27.712	27.815	-18.185	46.000
599.168	3.985	24.249	28.234	-17.766	46.000
667.281	2.024	27.809	29.833	-16.167	46.000
797.815	5.150	22.648	27.798	-18.202	46.000
Vertical					
Peak Detector					
108.694	-0.373	30.698	30.325	-13.175	43.500
211.644	-7.939	36.164	28.225	-15.275	43.500
332.889	-4.916	31.410	26.494	-19.506	46.000
500.138	-0.799	28.911	28.112	-17.888	46.000
624.368	-2.581	25.808	23.227	-22.773	46.000
867.465	0.641	31.263	31.904	-14.096	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.

6. Band Edge

6.1. Test Equipment

RF Radiated Measurement:

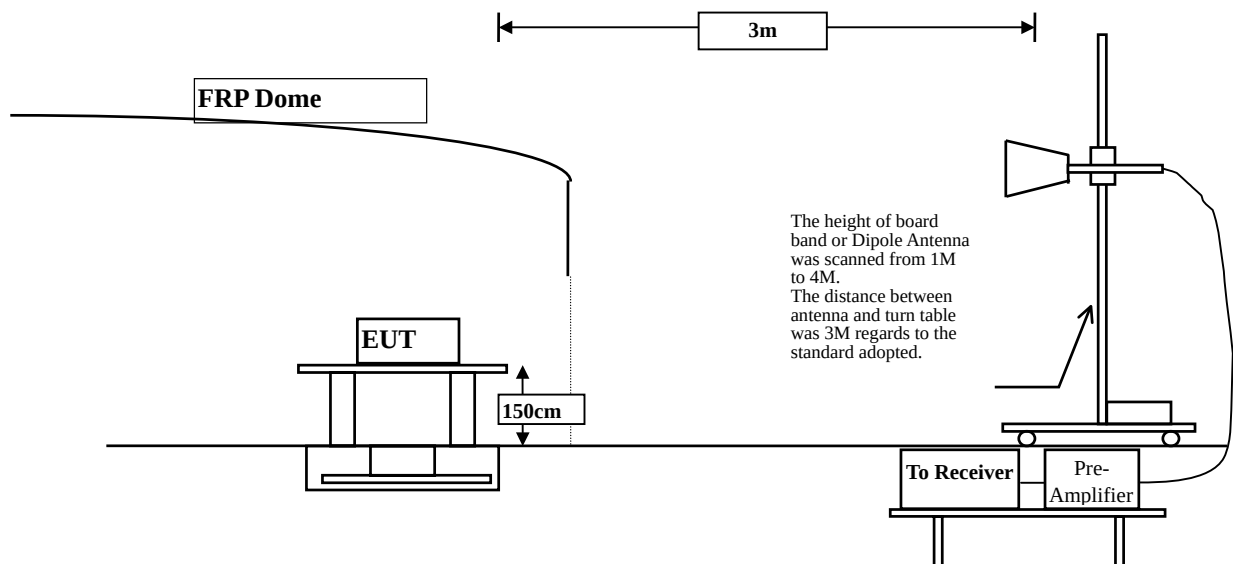
The following test equipments are used during the band edge tests:

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

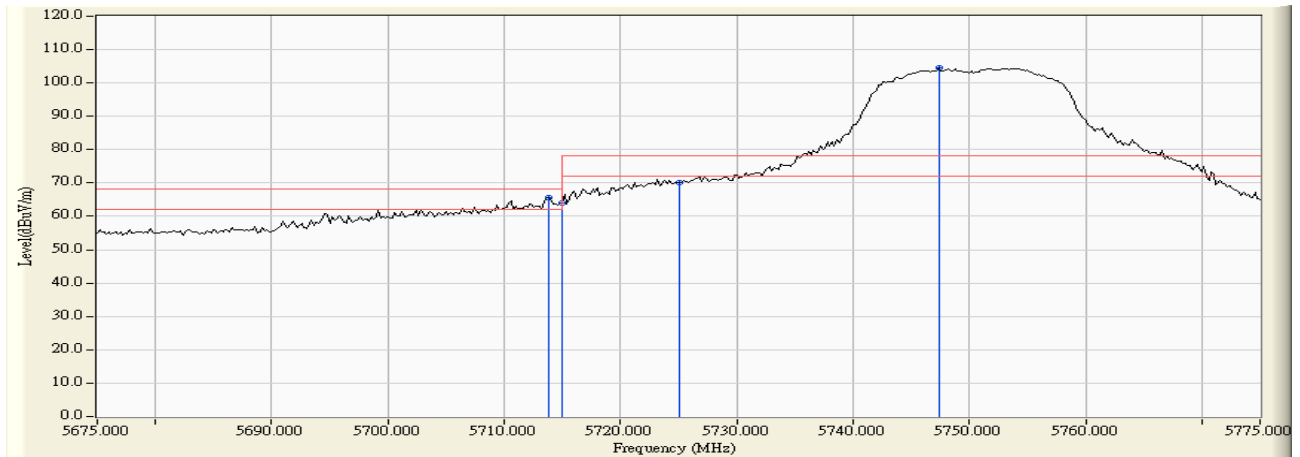
± 3.8 dB below 1GHz

± 3.9 dB above 1GHz

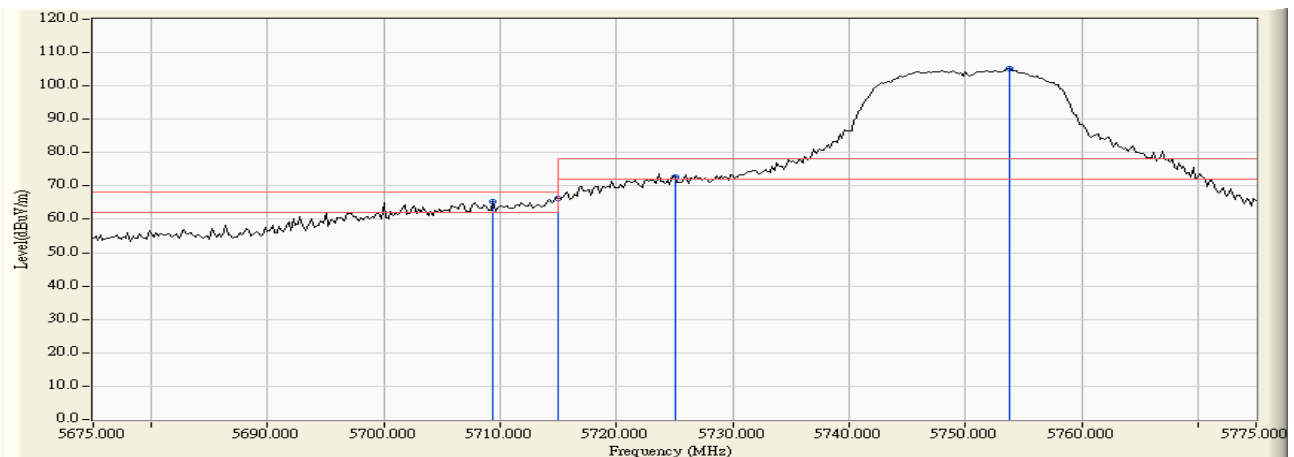
6.6. Test Result of Band Edge

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

RF Radiated Measurement:



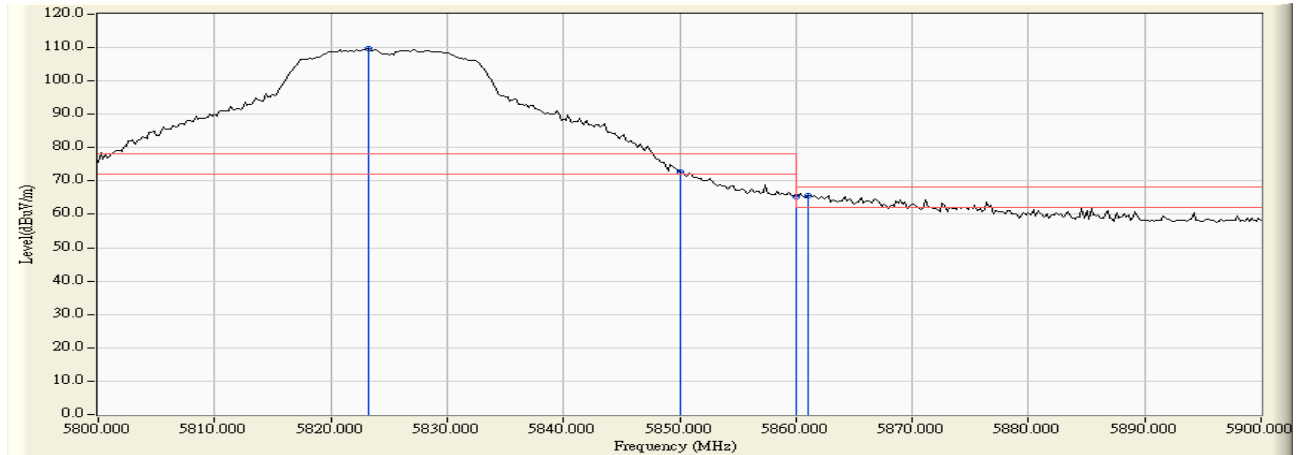
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5713.800	5.058	60.570	65.628	-2.592	68.220	Pass
Horizontal	5715.000	5.063	58.852	63.915	-4.305	68.220	Pass
Horizontal	5725.000	5.104	64.878	69.981	-8.239	78.220	Pass
Horizontal	5747.400	5.195	99.498	104.693	--	--	--



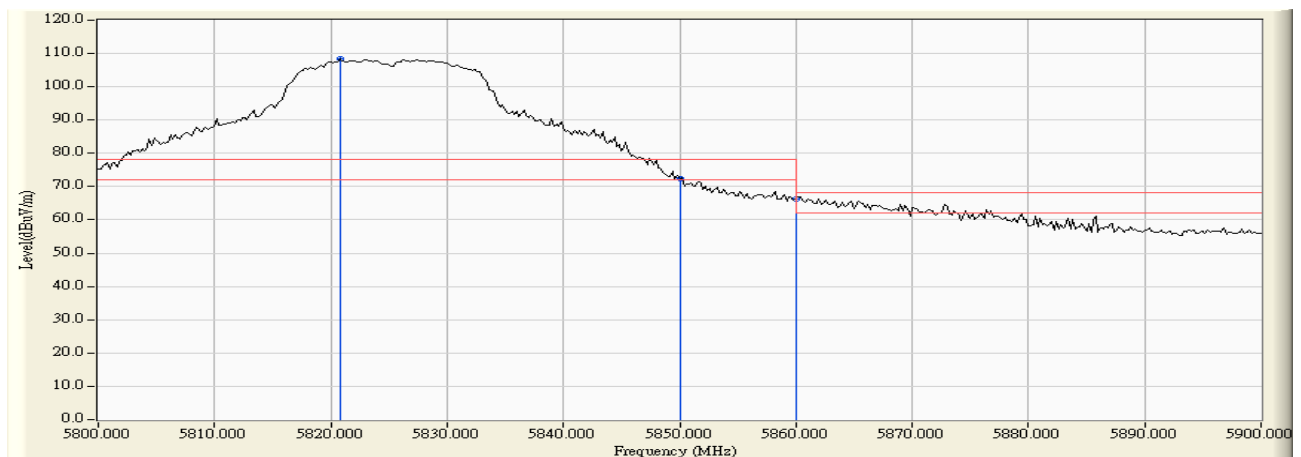
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5709.400	4.170	61.227	65.397	-2.823	68.220	Pass
Vertical	5715.000	4.186	62.233	66.419	-1.801	68.220	Pass
Vertical	5725.000	4.215	68.646	72.861	-5.359	78.220	Pass
Vertical	5753.800	4.296	100.925	105.221	--	--	--

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

RF Radiated Measurement:



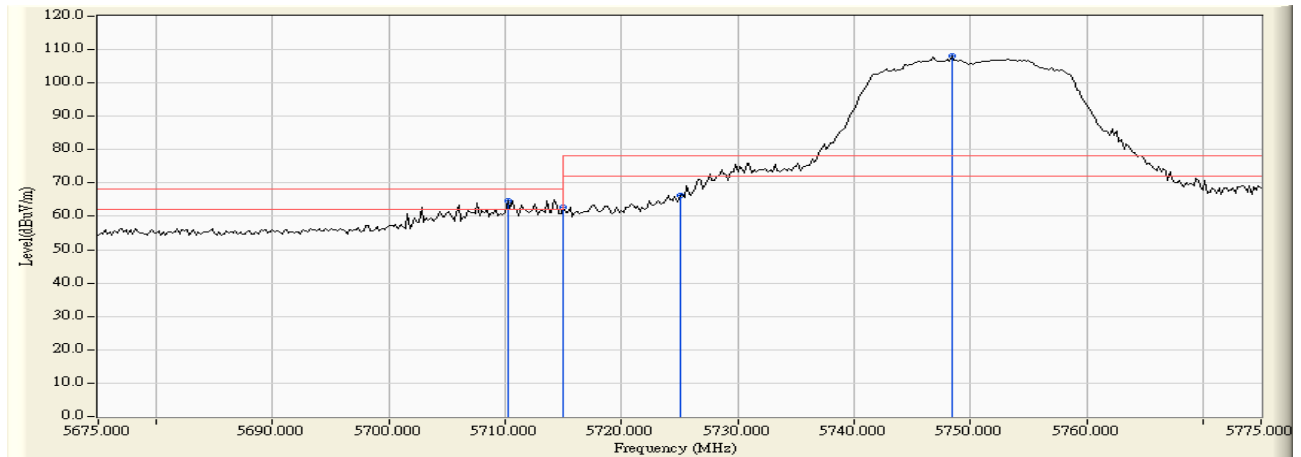
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5823.200	5.529	104.173	109.702	--	--	--
Horizontal	5850.000	5.715	66.956	72.671	-5.549	78.220	Pass
Horizontal	5860.000	5.798	59.641	65.439	-2.781	68.220	Pass
Horizontal	5861.000	5.806	59.957	65.763	-2.457	68.220	Pass



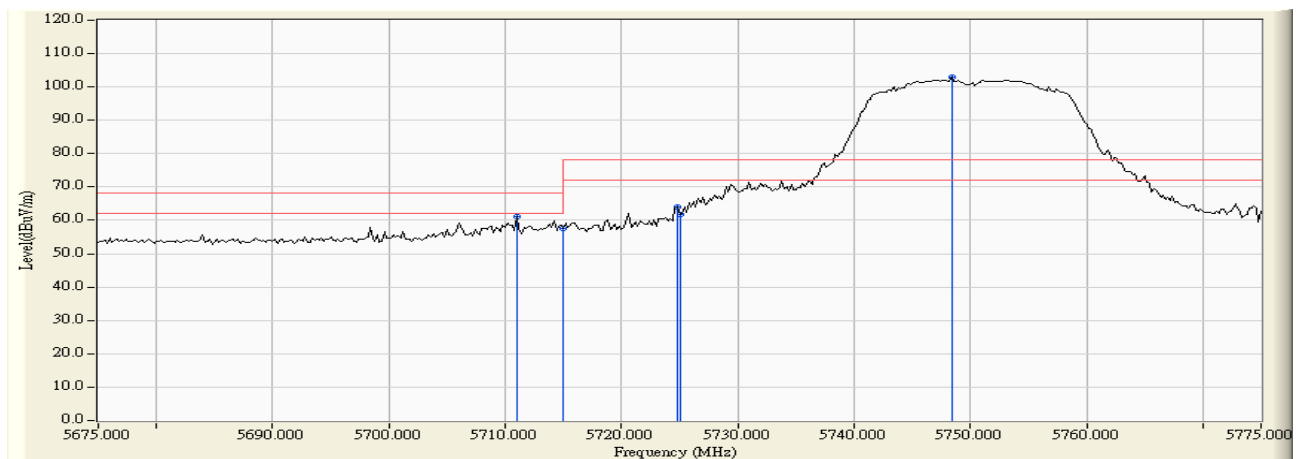
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5820.800	4.310	103.974	108.284	--	--	--
Vertical	5850.000	4.194	68.284	72.478	-5.742	78.220	Pass
Vertical	5860.000	4.168	62.170	66.338	-1.882	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) -Channel 149

RF Radiated Measurement:



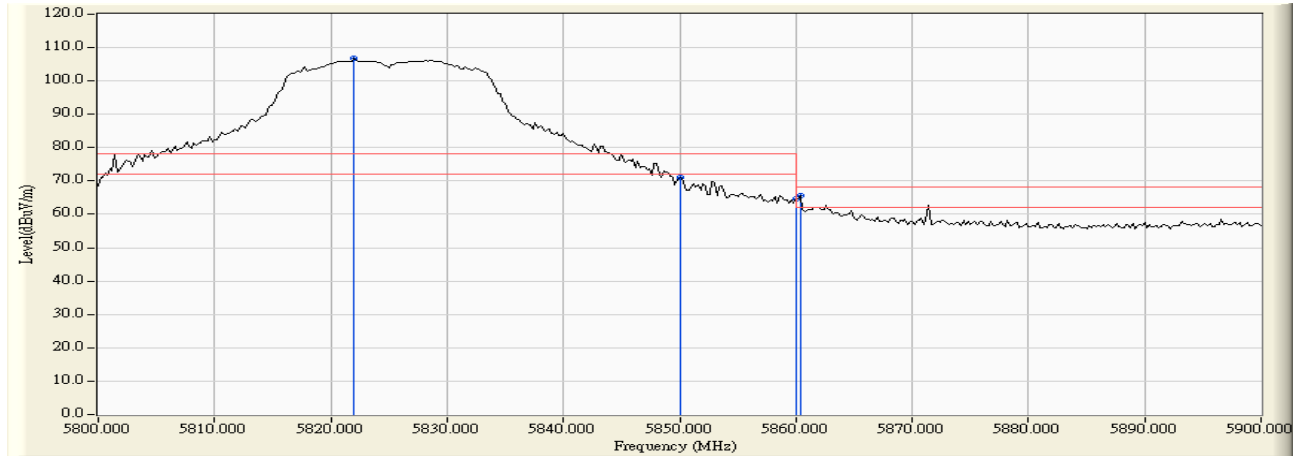
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5710.200	5.044	59.738	64.781	-3.439	68.220	Pass
Horizontal	5715.000	5.063	57.524	62.587	-5.633	68.220	Pass
Horizontal	5725.000	5.104	61.307	66.410	-11.810	78.220	Pass
Horizontal	5748.400	5.198	102.835	108.033	--	--	--



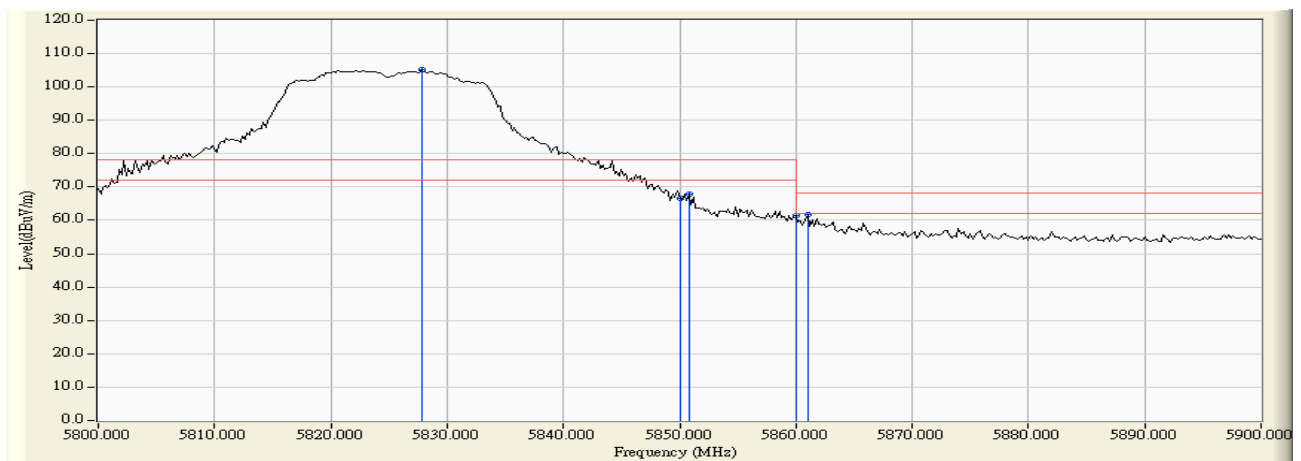
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5711.000	4.174	56.829	61.003	-7.217	68.220	Pass
Vertical	5715.000	4.186	53.351	57.537	-10.683	68.220	Pass
Vertical	5724.800	4.213	59.694	63.908	-14.312	78.220	Pass
Vertical	5725.000	4.215	57.478	61.693	-16.527	78.220	Pass
Vertical	5748.400	4.282	98.797	103.079	--	--	--

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) -Channel 165

RF Radiated Measurement:



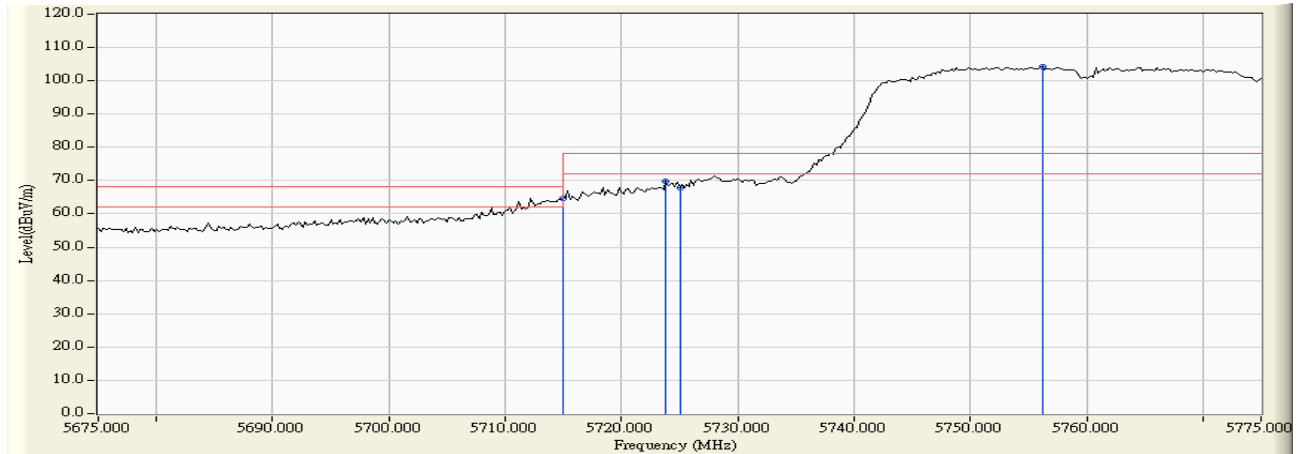
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5822.000	5.521	101.350	106.871	--	--	--
Horizontal	5850.000	5.715	65.476	71.191	-7.029	78.220	Pass
Horizontal	5860.000	5.798	58.720	64.518	-3.702	68.220	Pass
Horizontal	5860.400	5.801	59.775	65.576	-2.644	68.220	Pass



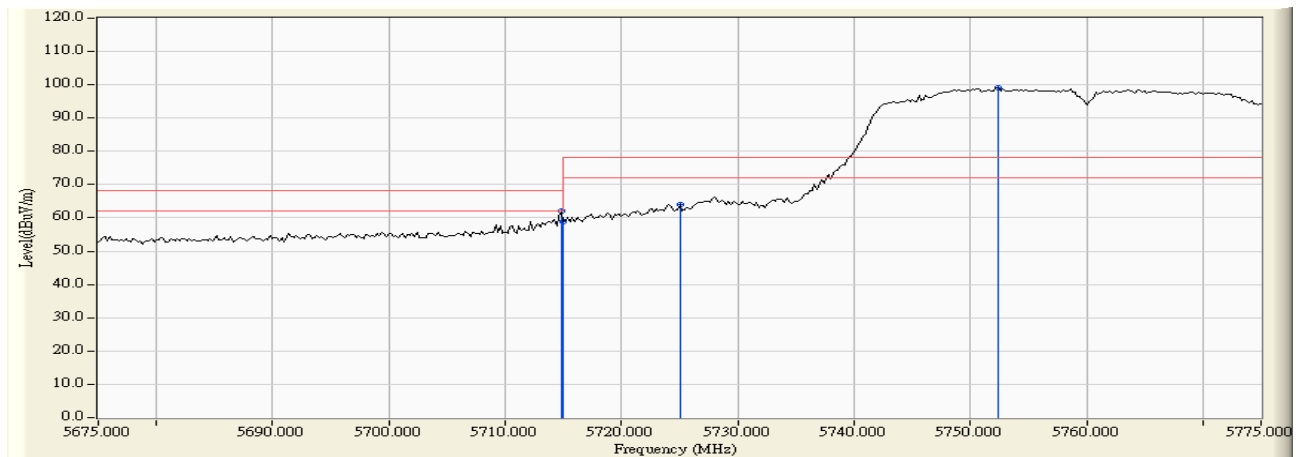
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5827.800	4.280	100.777	105.058	--	--	--
Vertical	5850.000	4.194	62.418	66.612	-11.608	78.220	Pass
Vertical	5850.800	4.193	63.757	67.949	-10.271	78.220	Pass
Vertical	5860.000	4.168	57.176	61.344	-6.876	68.220	Pass
Vertical	5861.000	4.165	57.654	61.819	-6.401	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW-15Mbps) -Channel 151

RF Radiated Measurement :



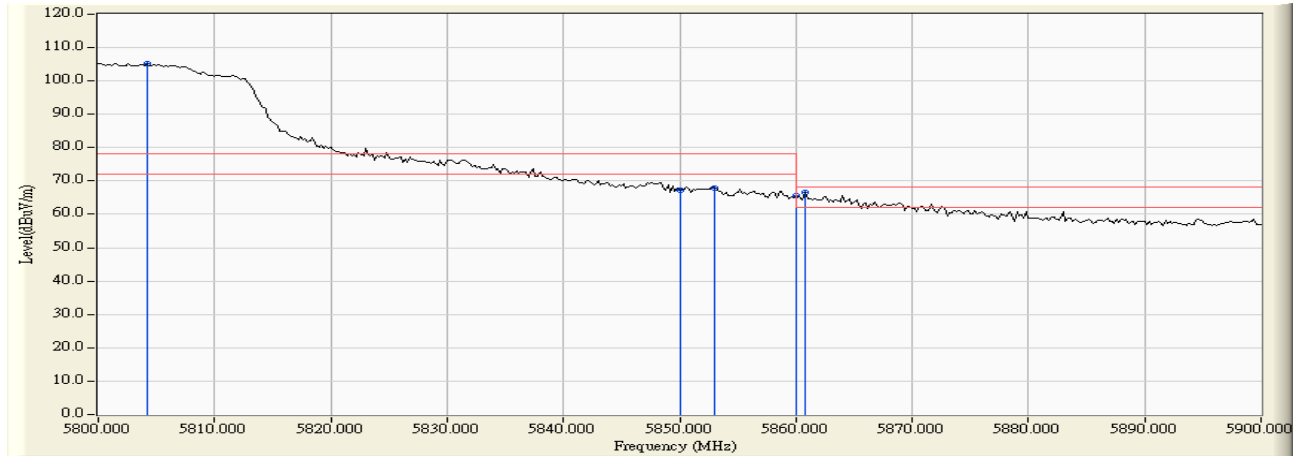
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5715.000	5.063	59.636	64.699	-3.521	68.220	Pass
Horizontal	5723.800	5.098	64.810	69.909	-8.311	78.220	Pass
Horizontal	5725.000	5.104	62.851	67.954	-10.266	78.220	Pass
Horizontal	5756.200	5.227	98.878	104.105	--	--	--



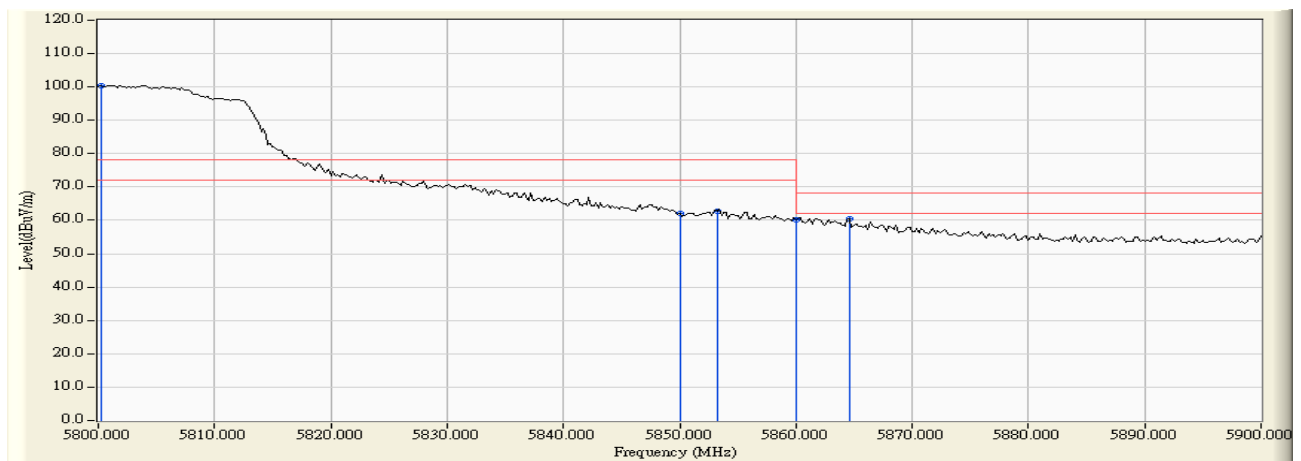
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5714.800	4.185	57.973	62.158	-6.062	68.220	Pass
Vertical	5715.000	4.186	54.621	58.807	-9.413	68.220	Pass
Vertical	5725.000	4.215	59.915	64.130	-14.090	78.220	Pass
Vertical	5752.400	4.293	94.930	99.222	--	--	--

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW-15Mbps) -Channel 159

RF Radiated Measurement:



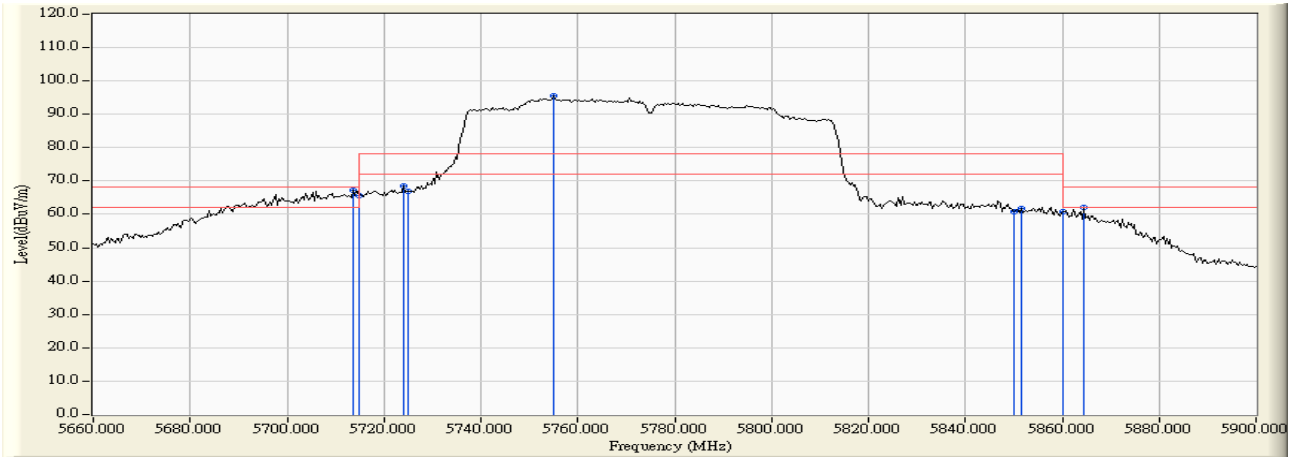
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5804.200	5.410	99.863	105.273	--	--	--
Horizontal	5850.000	5.715	61.489	67.204	-11.016	78.220	Pass
Horizontal	5853.000	5.740	62.170	67.910	-10.310	78.220	Pass
Horizontal	5860.000	5.798	59.689	65.487	-2.733	68.220	Pass
Horizontal	5860.800	5.805	60.692	66.497	-1.723	68.220	Pass



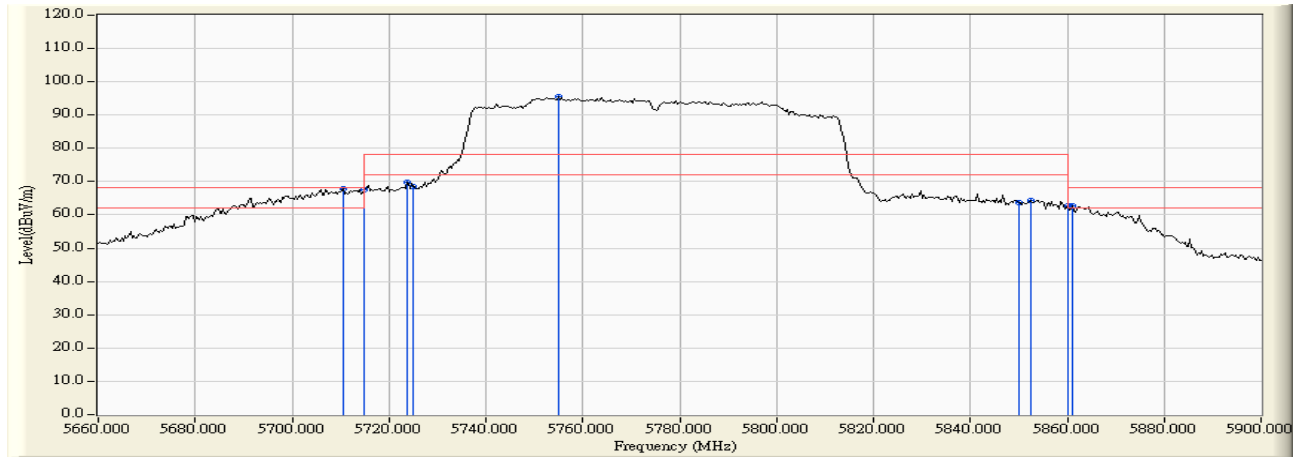
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5800.200	4.371	96.095	100.466	--	--	--
Vertical	5850.000	4.194	57.797	61.991	-16.229	78.220	Pass
Vertical	5853.200	4.186	58.600	62.786	-15.434	78.220	Pass
Vertical	5860.000	4.168	55.922	60.090	-8.130	68.220	Pass
Vertical	5864.600	4.158	56.213	60.370	-7.850	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)-Channel 155

RF Radiated Measurement:



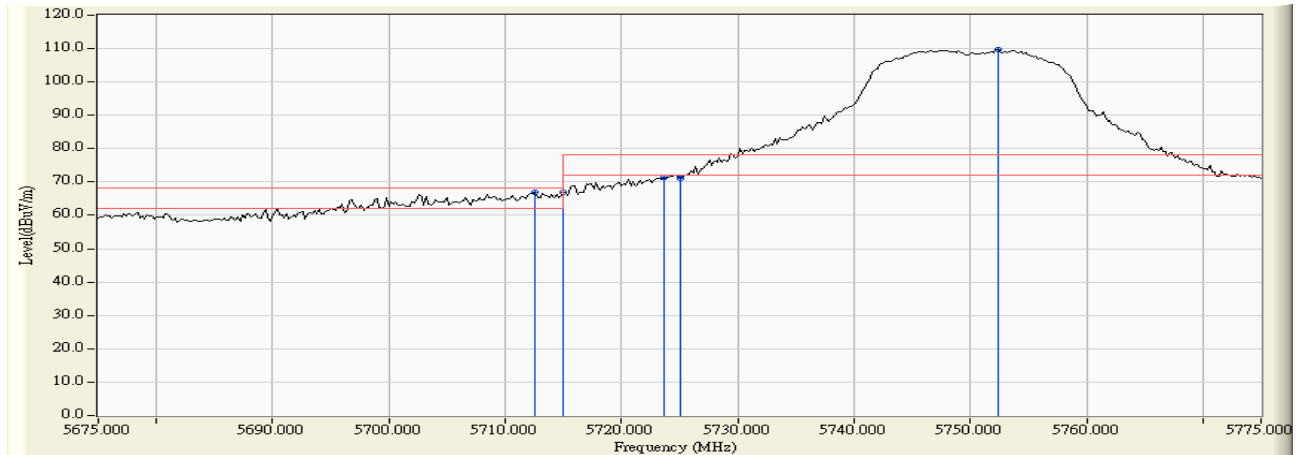
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5713.565	34.321	62.523	67.175	-1.045	68.220	Pass
Horizontal	5715.000	34.317	60.942	65.594	-2.626	68.220	Pass
Horizontal	5724.000	34.285	64.015	68.669	-9.551	78.220	Pass
Horizontal	5725.000	34.282	62.335	66.989	-11.231	78.220	Pass
Horizontal	5754.957	34.175	90.737	95.395	--	--	--
Horizontal	5850.000	34.336	55.844	60.808	-17.412	78.220	Pass
Horizontal	5851.652	34.346	56.929	61.903	-16.317	78.220	Pass
Horizontal	5860.000	34.400	55.745	60.768	-7.452	68.220	Pass
Horizontal	5864.522	34.428	56.996	62.045	-6.175	68.220	Pass



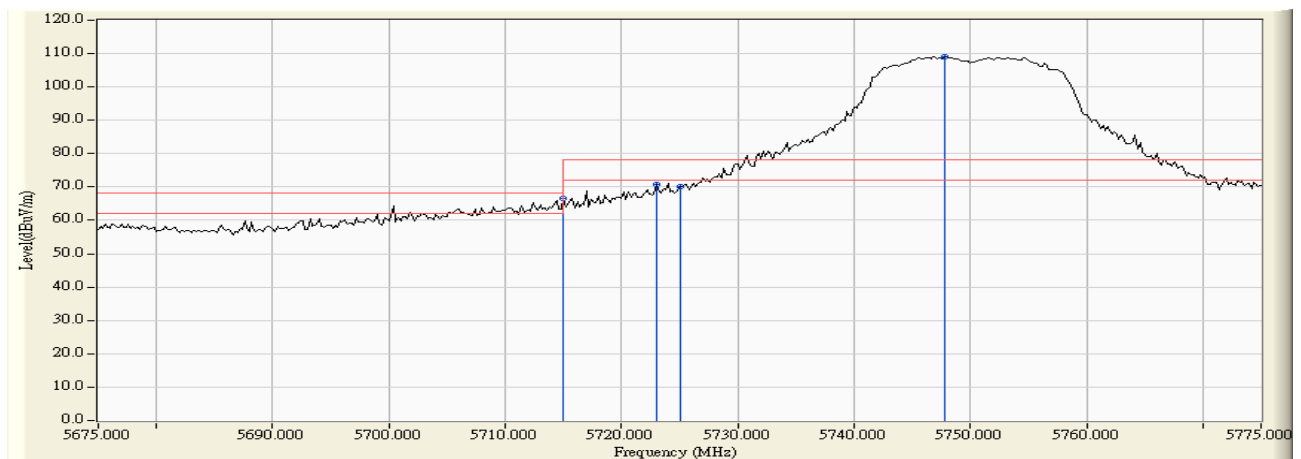
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuv)	Measure Level (dBuv /m)	Margin (dB)	Limit (dBuv /m)	Result
Vertical	5710.435	5.994	61.822	67.816	-0.404	68.220	Pass
Vertical	5715.000	5.994	61.513	67.507	-0.713	68.220	Pass
Vertical	5723.652	5.993	63.855	69.848	-8.372	78.220	Pass
Vertical	5725.000	5.992	62.507	68.500	-9.720	78.220	Pass
Vertical	5754.957	5.986	89.509	95.496	--	--	--
Vertical	5850.000	6.037	57.572	63.609	-14.611	78.220	Pass
Vertical	5852.348	6.040	58.355	64.394	-13.826	78.220	Pass
Vertical	5860.000	6.047	56.604	62.651	-5.569	68.220	Pass
Vertical	5861.043	6.048	56.820	62.868	-5.352	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)-Channel 149

RF Radiated Measurement:



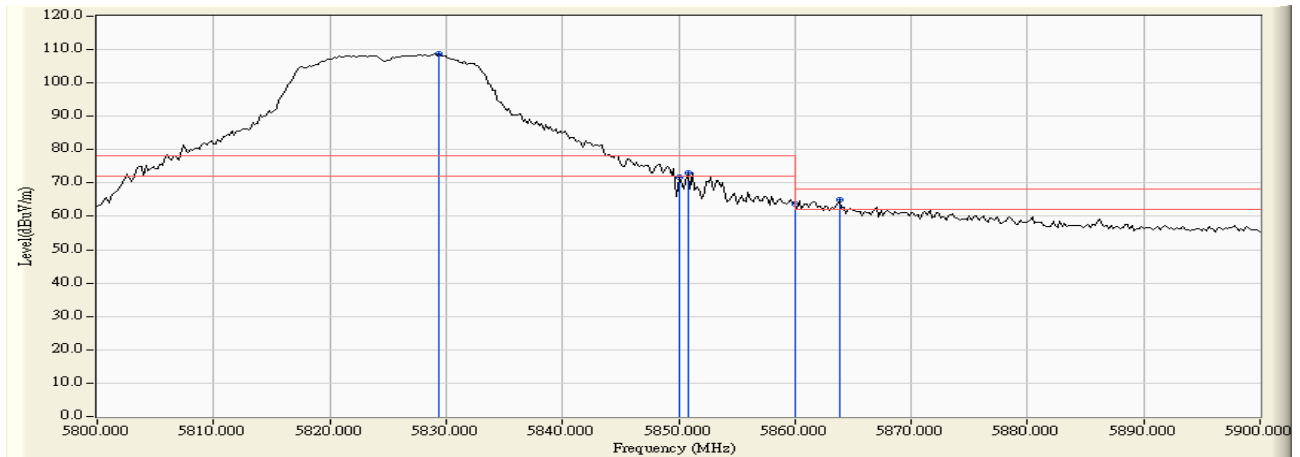
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5712.600	5.053	61.992	67.045	-1.175	68.220	Pass
Horizontal	5715.000	5.063	61.911	66.974	-1.246	68.220	Pass
Horizontal	5723.600	5.097	66.283	71.381	-6.839	78.220	Pass
Horizontal	5725.000	5.104	66.137	71.240	-6.980	78.220	Pass
Horizontal	5752.400	5.213	104.489	109.702	--	--	--



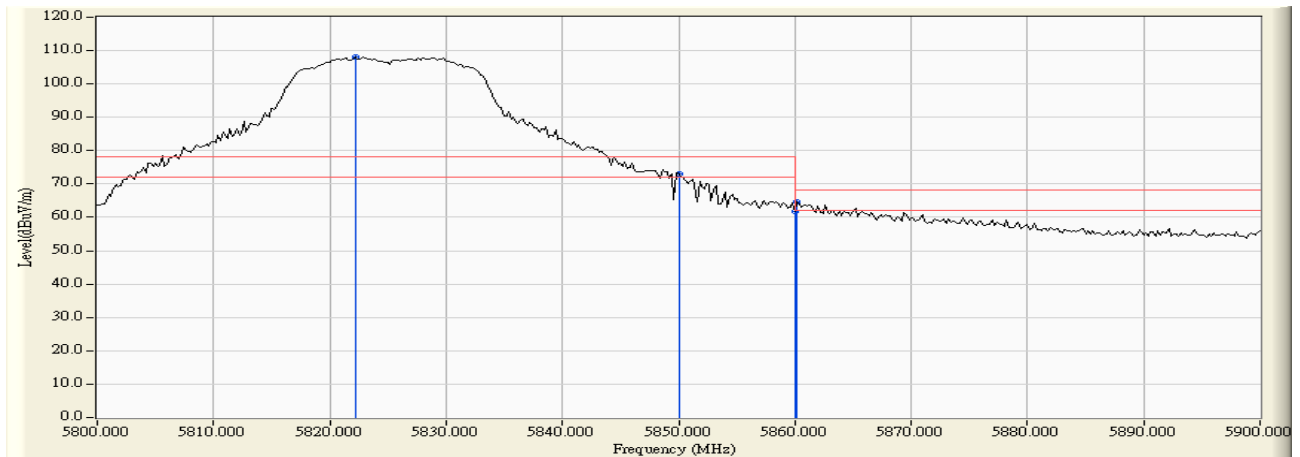
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5715.000	4.186	62.558	66.744	-1.476	68.220	Pass
Vertical	5723.000	4.209	66.714	70.923	-7.297	78.220	Pass
Vertical	5725.000	4.215	65.778	69.993	-8.227	78.220	Pass
Vertical	5747.800	4.280	104.884	109.165	--	--	--

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)-Channel 165

RF Radiated Measurement:



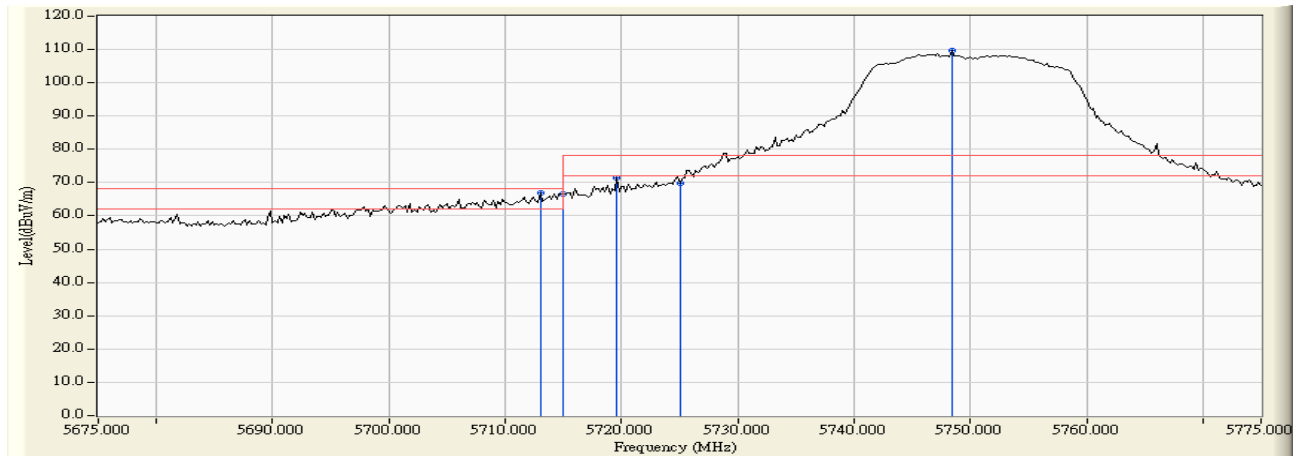
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5829.400	5.570	103.102	108.672	--	--	--
Horizontal	5850.000	5.715	66.048	71.763	-6.457	78.220	Pass
Horizontal	5850.800	5.722	67.397	73.119	-5.101	78.220	Pass
Horizontal	5860.000	5.798	57.831	63.629	-4.591	68.220	Pass
Horizontal	5863.800	5.831	59.126	64.957	-3.263	68.220	Pass



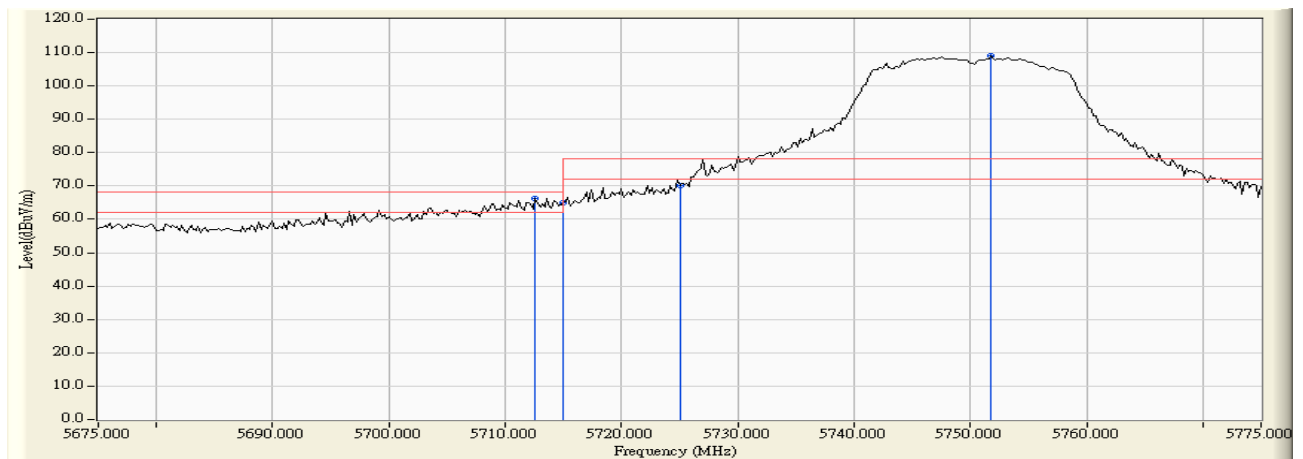
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5822.200	4.304	103.879	108.183	--	--	--
Vertical	5850.000	4.194	68.885	73.079	-5.141	78.220	Pass
Vertical	5860.000	4.168	57.585	61.753	-6.467	68.220	Pass
Vertical	5860.200	4.167	60.605	64.772	-3.448	68.220	Pass

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

RF Radiated Measurement:



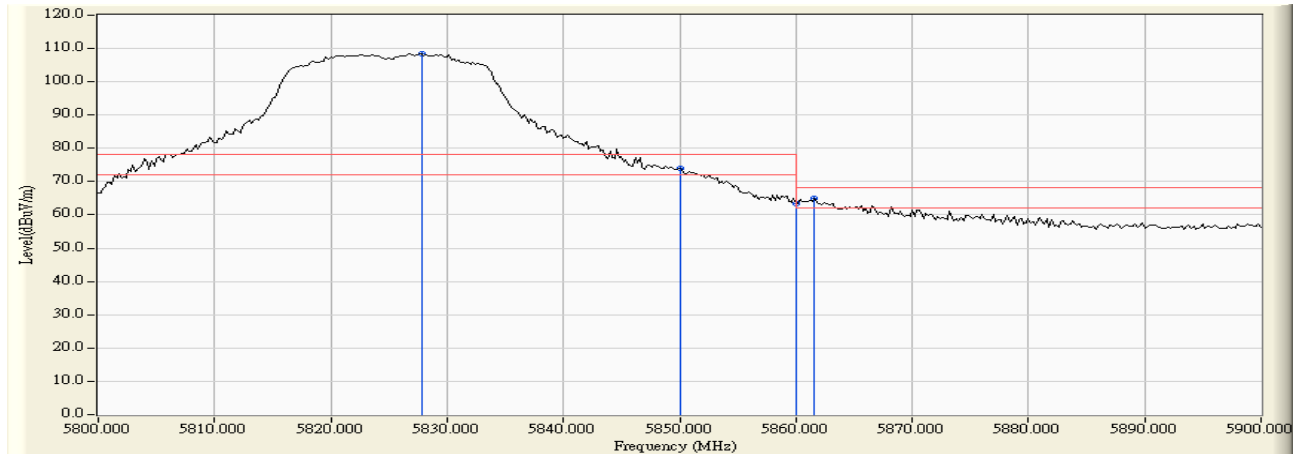
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5713.000	5.054	61.801	66.856	-1.364	68.220	Pass
Horizontal	5715.000	5.063	61.526	66.589	-1.631	68.220	Pass
Horizontal	5719.600	5.081	66.291	71.373	-6.847	78.220	Pass
Horizontal	5725.000	5.104	64.791	69.894	-8.326	78.220	Pass
Horizontal	5748.400	5.198	104.444	109.642	--	--	--



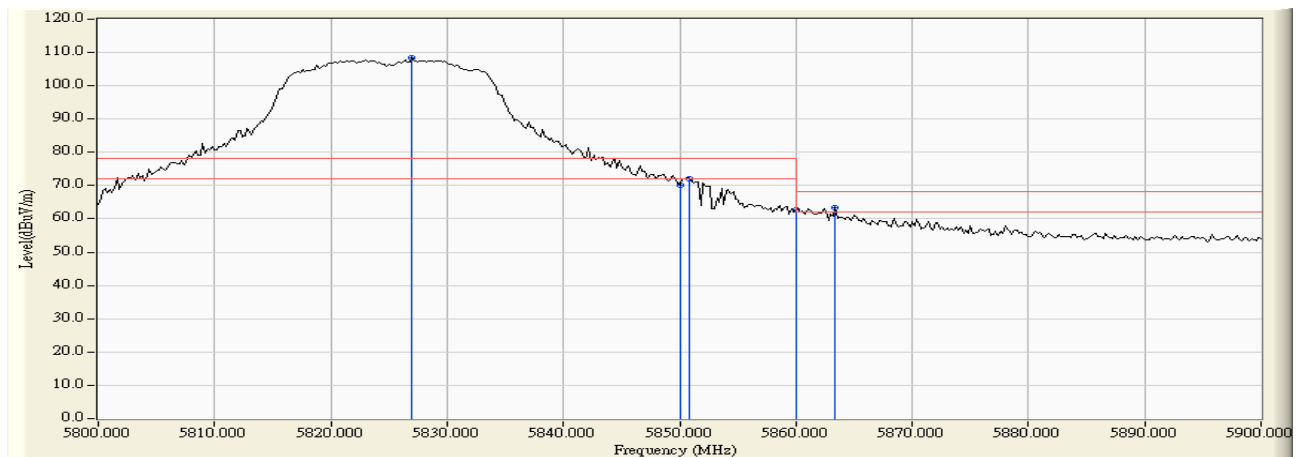
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5712.600	4.179	62.104	66.283	-1.937	68.220	Pass
Vertical	5715.000	4.186	60.751	64.937	-3.283	68.220	Pass
Vertical	5725.000	4.215	65.839	70.054	-8.166	78.220	Pass
Vertical	5751.800	4.290	104.760	109.051	--	--	--

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

RF Radiated Measurement:



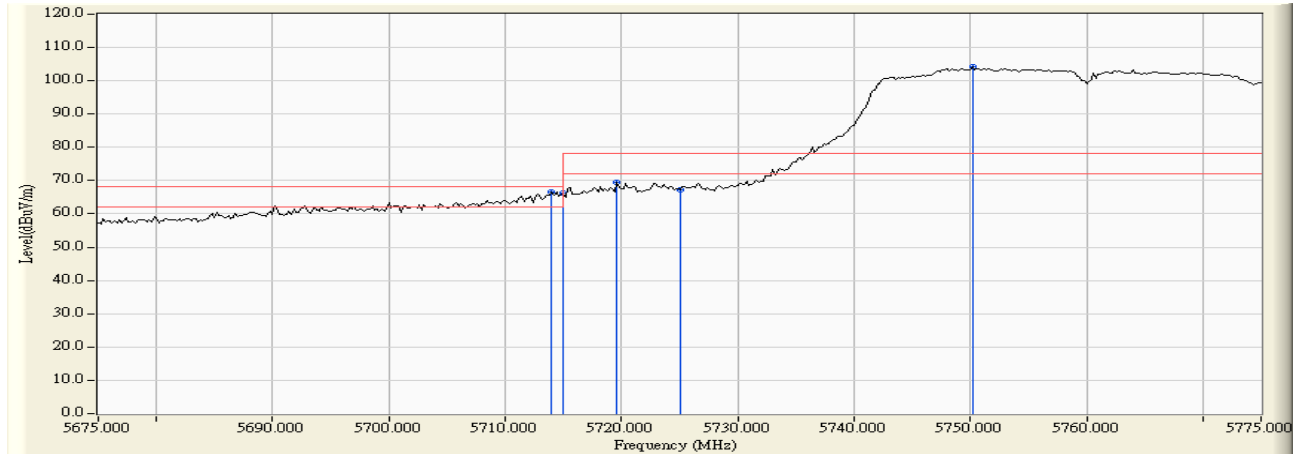
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5827.800	5.559	102.980	108.539	--	--	--
Horizontal	5850.000	5.715	68.125	73.840	-4.380	78.220	Pass
Horizontal	5860.000	5.798	57.695	63.493	-4.727	68.220	Pass
Horizontal	5861.600	5.812	59.126	64.937	-3.283	68.220	Pass



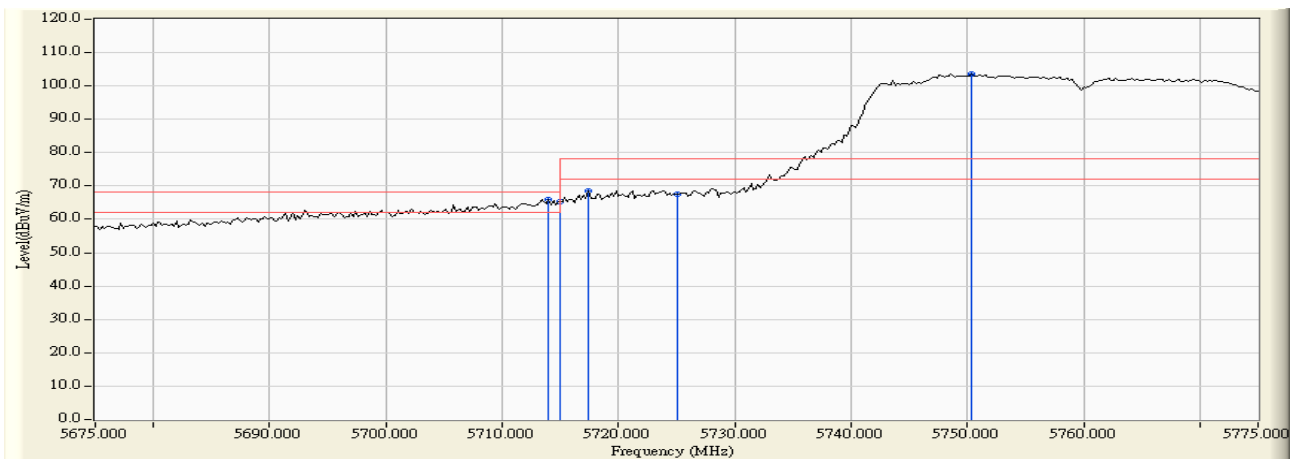
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5827.000	4.284	103.990	108.274	--	--	--
Vertical	5850.000	4.194	66.043	70.237	-7.983	78.220	Pass
Vertical	5850.800	4.193	67.820	72.012	-6.208	78.220	Pass
Vertical	5860.000	4.168	58.472	62.640	-5.580	68.220	Pass
Vertical	5863.400	4.160	59.191	63.351	-4.869	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) -Channel 151

RF Radiated Measurement :



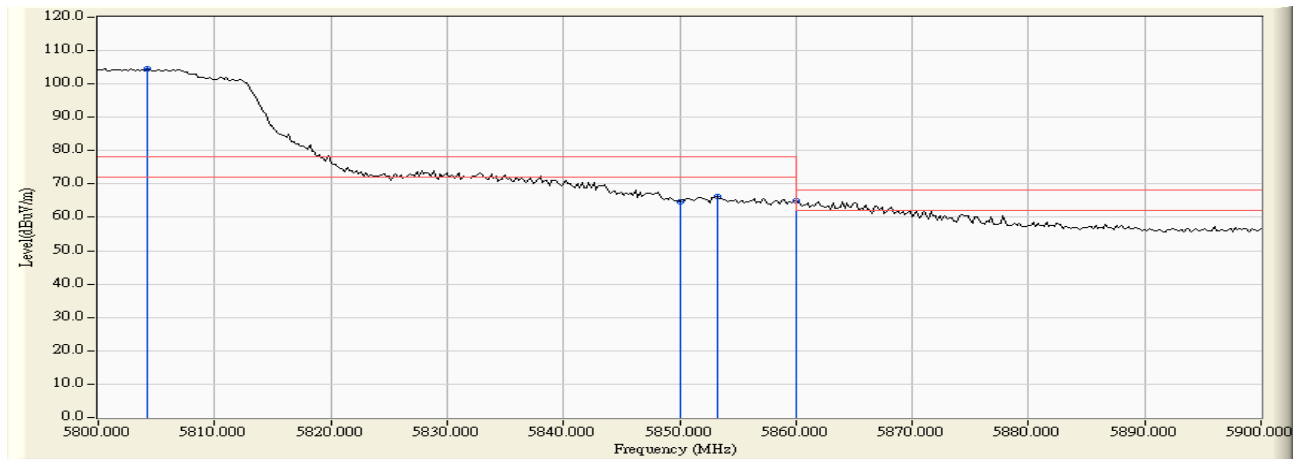
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5714.000	5.058	61.495	66.554	-1.666	68.220	Pass
Horizontal	5715.000	5.063	61.118	66.181	-2.039	68.220	Pass
Horizontal	5719.600	5.081	64.327	69.409	-8.811	78.220	Pass
Horizontal	5725.000	5.104	62.067	67.170	-11.050	78.220	Pass
Horizontal	5750.200	5.206	98.914	104.119	--	--	--



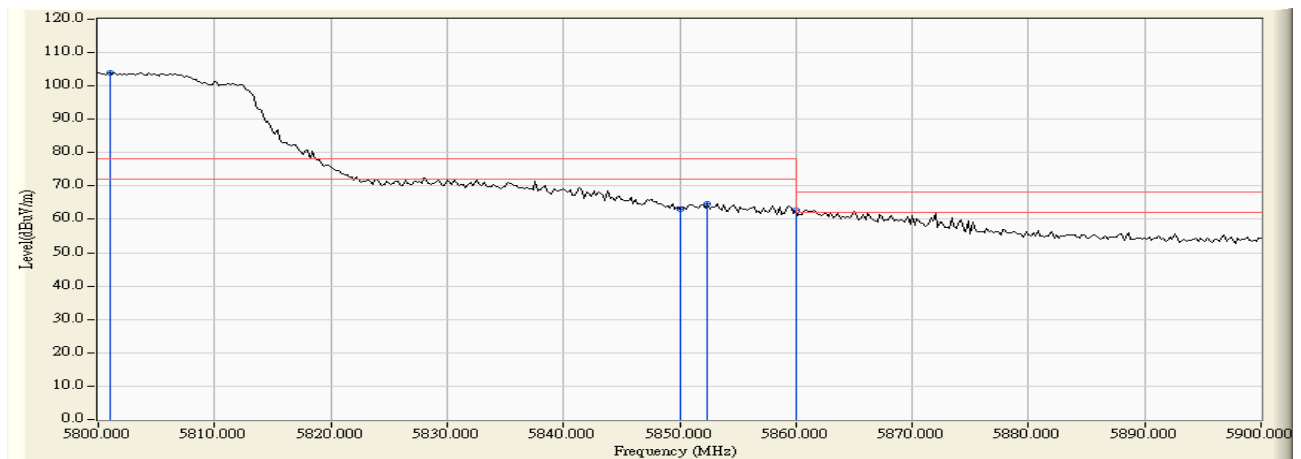
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5714.000	4.182	61.662	65.845	-2.375	68.220	Pass
Vertical	5715.000	4.186	61.271	65.457	-2.763	68.220	Pass
Vertical	5717.400	4.192	64.248	68.441	-9.779	78.220	Pass
Vertical	5725.000	4.215	63.410	67.625	-10.595	78.220	Pass
Vertical	5750.400	4.287	99.250	103.537	--	--	--

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) -Channel 159

RF Radiated Measurement:



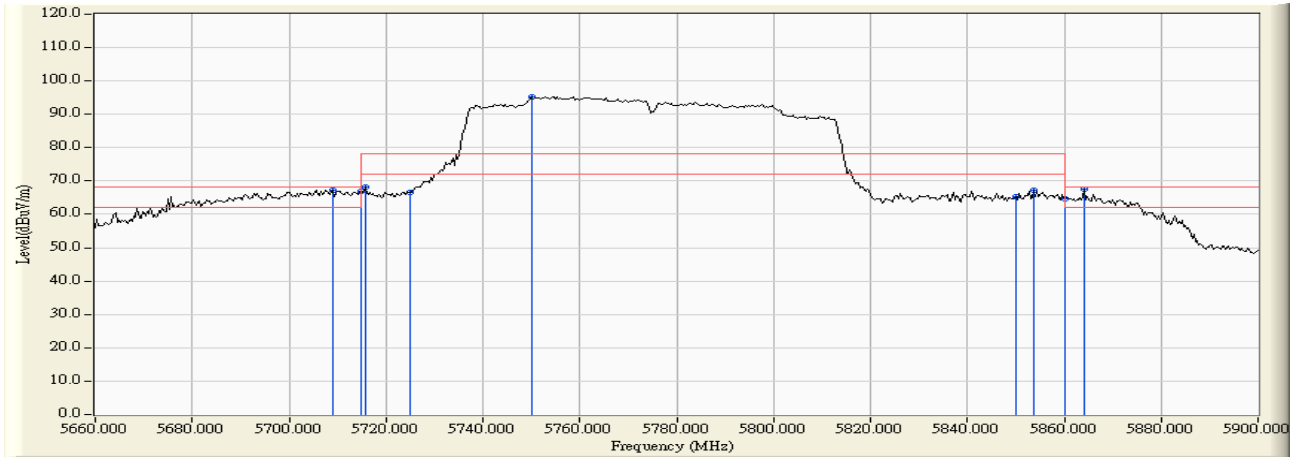
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5804.200	5.410	99.249	104.659	--	--	--
Horizontal	5850.000	5.715	59.002	64.717	-13.503	78.220	Pass
Horizontal	5853.200	5.741	60.666	66.408	-11.812	78.220	Pass
Horizontal	5860.000	5.798	59.242	65.040	-3.180	68.220	Pass



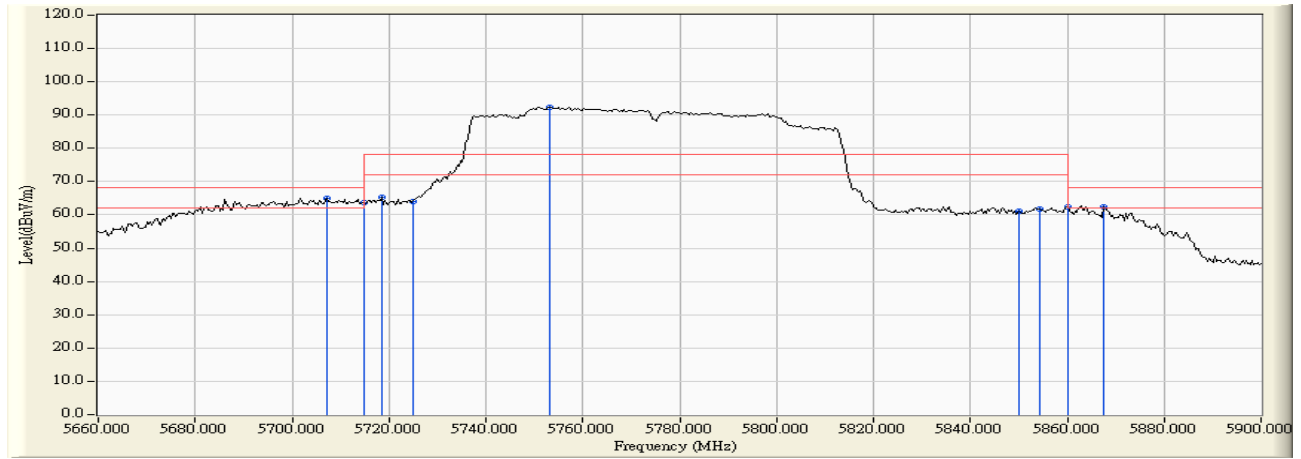
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5801.000	4.369	99.550	103.919	--	--	--
Vertical	5850.000	4.194	58.967	63.161	-15.059	78.220	Pass
Vertical	5852.400	4.187	60.612	64.800	-13.420	78.220	Pass
Vertical	5860.000	4.168	58.436	62.604	-5.616	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)-Channel 155

RF Radiated Measurement:



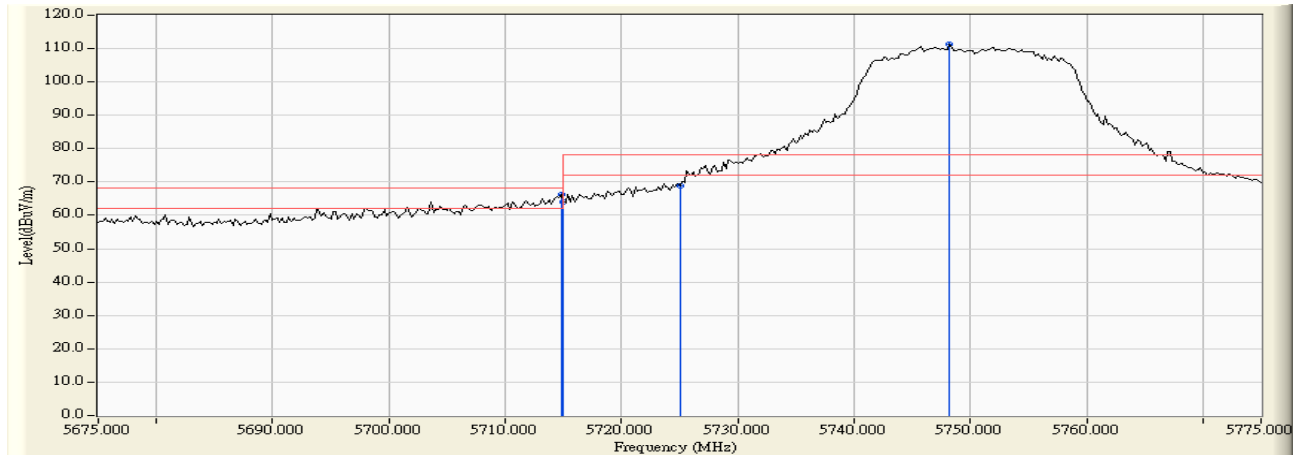
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5709.043	4.651	62.672	67.323	-0.897	68.220	Pass
Horizontal	5715.000	4.652	62.416	67.068	-1.152	68.220	Pass
Horizontal	5715.652	4.652	63.461	68.113	-10.107	78.220	Pass
Horizontal	5725.000	4.654	61.949	66.603	-11.617	78.220	Pass
Horizontal	5750.087	4.658	90.721	95.379	--	--	--
Horizontal	5850.000	4.964	60.184	65.148	-13.072	78.220	Pass
Horizontal	5853.739	4.986	62.411	67.397	-10.823	78.220	Pass
Horizontal	5860.000	5.023	59.560	64.583	-3.637	68.220	Pass
Horizontal	5864.174	5.047	62.525	67.572	-0.648	68.220	Pass



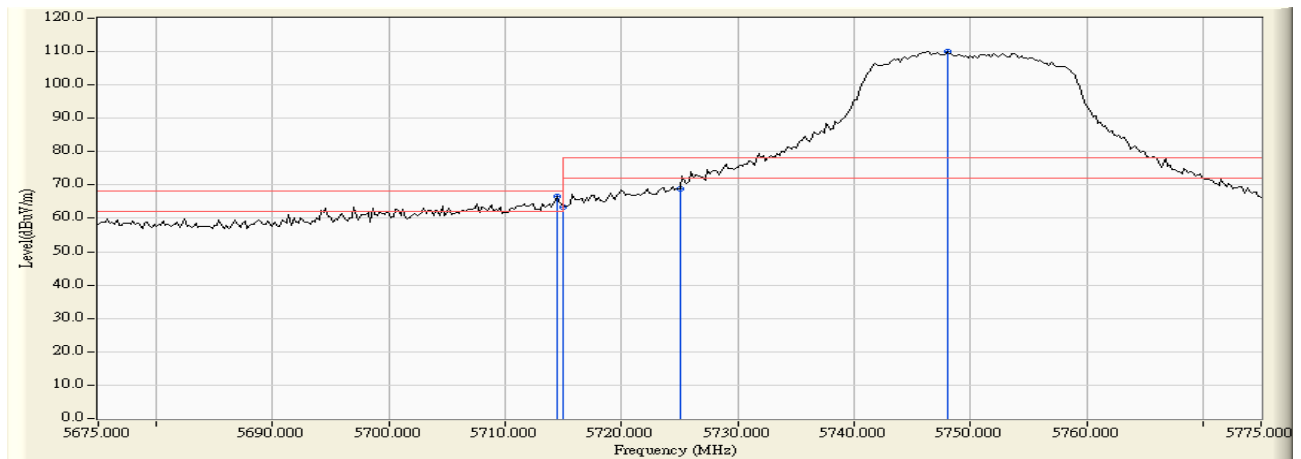
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuv)	Measure Level (dBuv /m)	Margin (dB)	Limit (dBuv /m)	Result
Vertical	5707.304	5.992	58.922	64.914	-3.306	68.220	Pass
Vertical	5715.000	5.994	57.756	63.750	-4.470	68.220	Pass
Vertical	5718.435	5.994	59.189	65.182	-13.038	78.220	Pass
Vertical	5725.000	5.992	58.188	64.181	-14.039	78.220	Pass
Vertical	5753.217	5.987	86.465	92.452	--	--	--
Vertical	5850.000	6.037	55.000	61.037	-17.183	78.220	Pass
Vertical	5854.435	6.042	55.790	61.831	-16.389	78.220	Pass
Vertical	5860.000	6.047	56.293	62.340	-5.880	68.220	Pass
Vertical	5867.652	6.055	56.466	62.522	-5.698	68.220	Pass

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

RF Radiated Measurement:



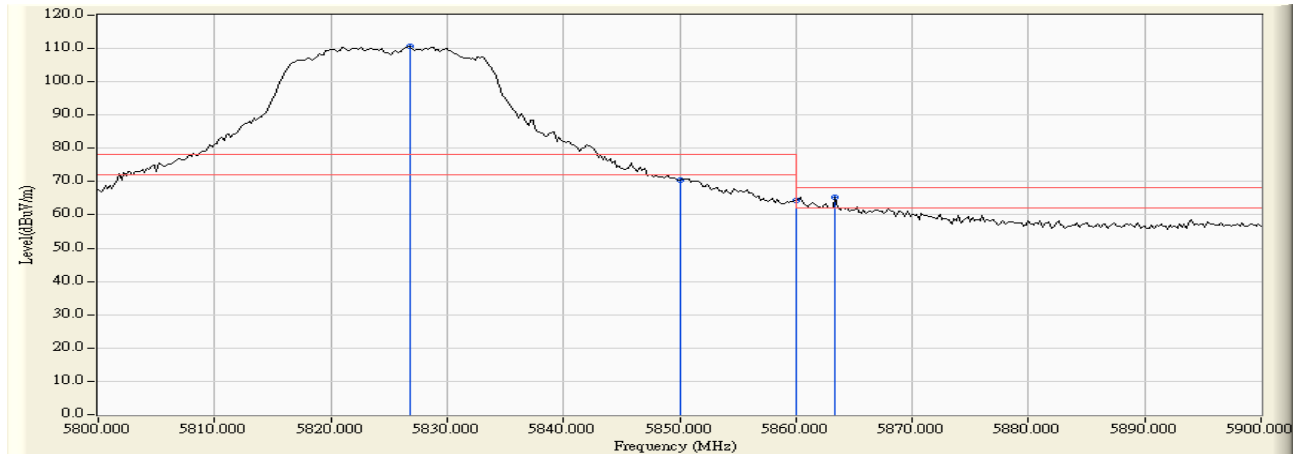
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5714.800	5.062	61.063	66.125	-2.095	68.220	Pass
Horizontal	5715.000	5.063	59.091	64.154	-4.066	68.220	Pass
Horizontal	5725.000	5.104	63.840	68.943	-9.277	78.220	Pass
Horizontal	5748.200	5.198	106.113	111.311	--	--	--



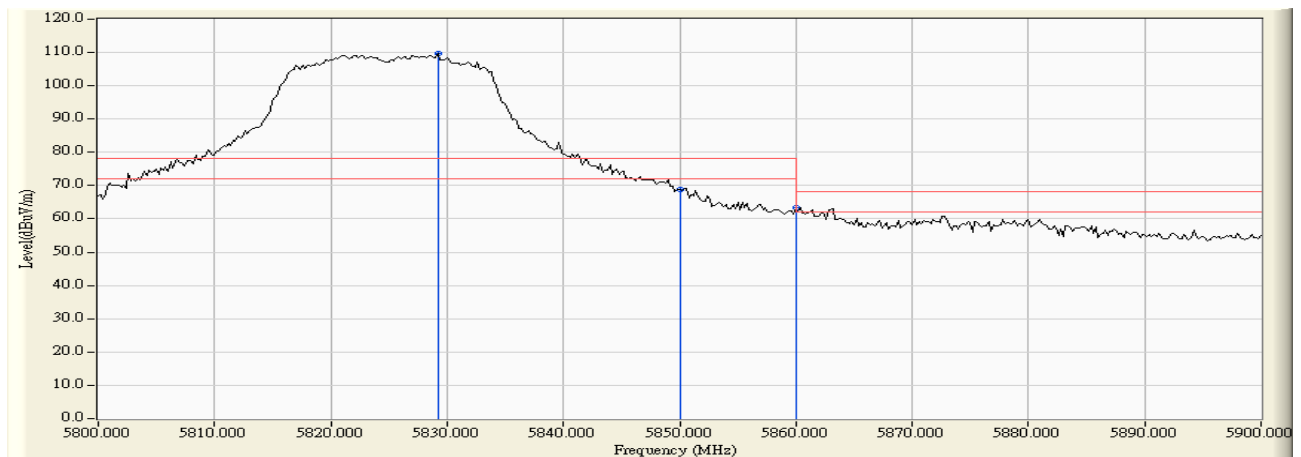
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5714.400	4.184	62.299	66.483	-1.737	68.220	Pass
Vertical	5715.000	4.186	59.173	63.359	-4.861	68.220	Pass
Vertical	5725.000	4.215	64.557	68.772	-9.448	78.220	Pass
Vertical	5748.000	4.281	105.676	109.957	--	--	--

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

RF Radiated Measurement:



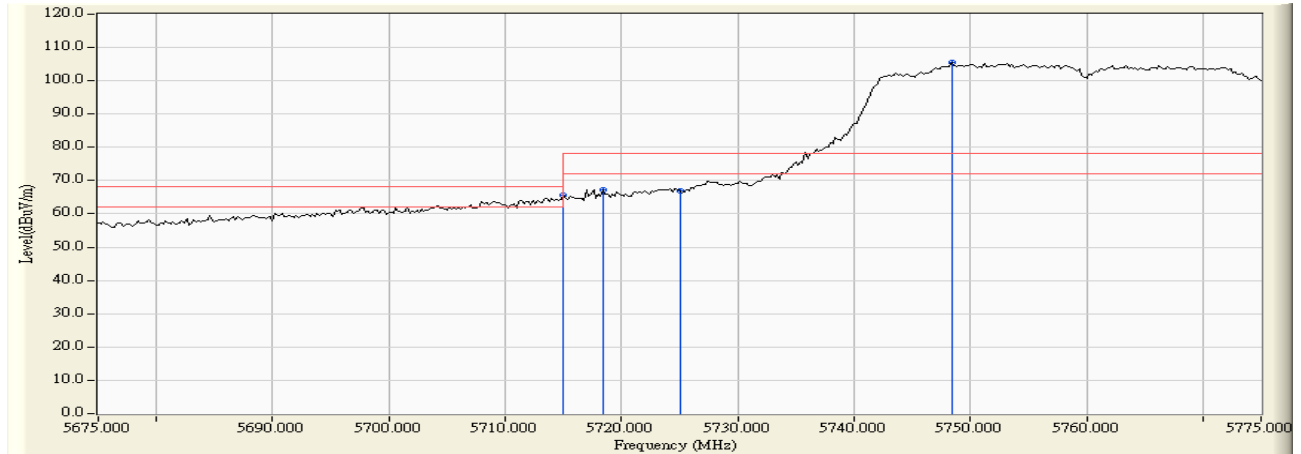
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5826.800	5.553	105.103	110.656	--	--	--
Horizontal	5850.000	5.715	64.702	70.417	-7.803	78.220	Pass
Horizontal	5860.000	5.798	58.595	64.393	-3.827	68.220	Pass
Horizontal	5863.400	5.827	59.389	65.216	-3.004	68.220	Pass



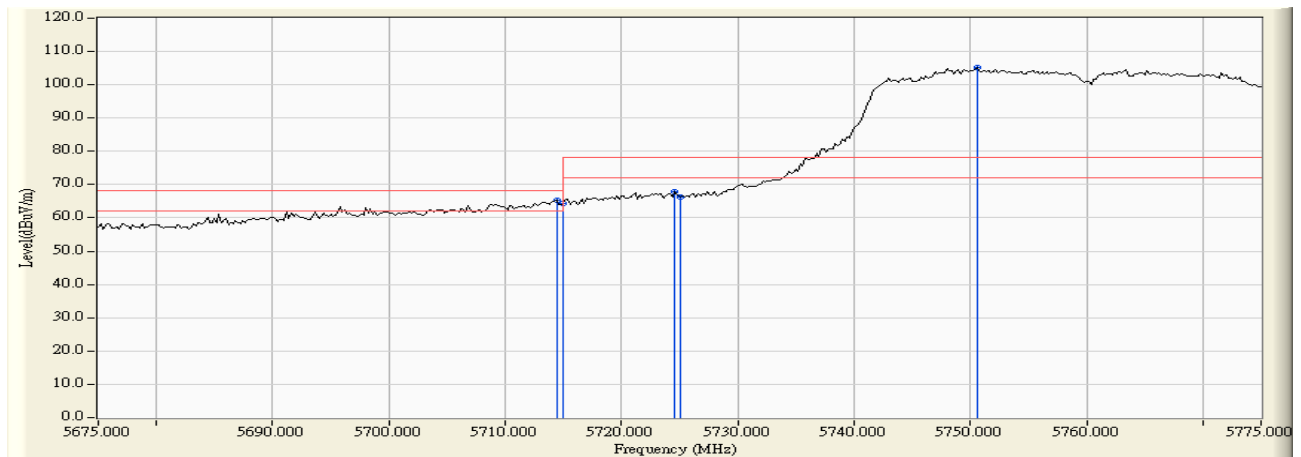
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5829.200	4.274	105.272	109.547	--	--	--
Vertical	5850.000	4.194	64.669	68.863	-9.357	78.220	Pass
Vertical	5860.000	4.168	59.076	63.244	-4.976	68.220	Pass

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

RF Radiated Measurement :



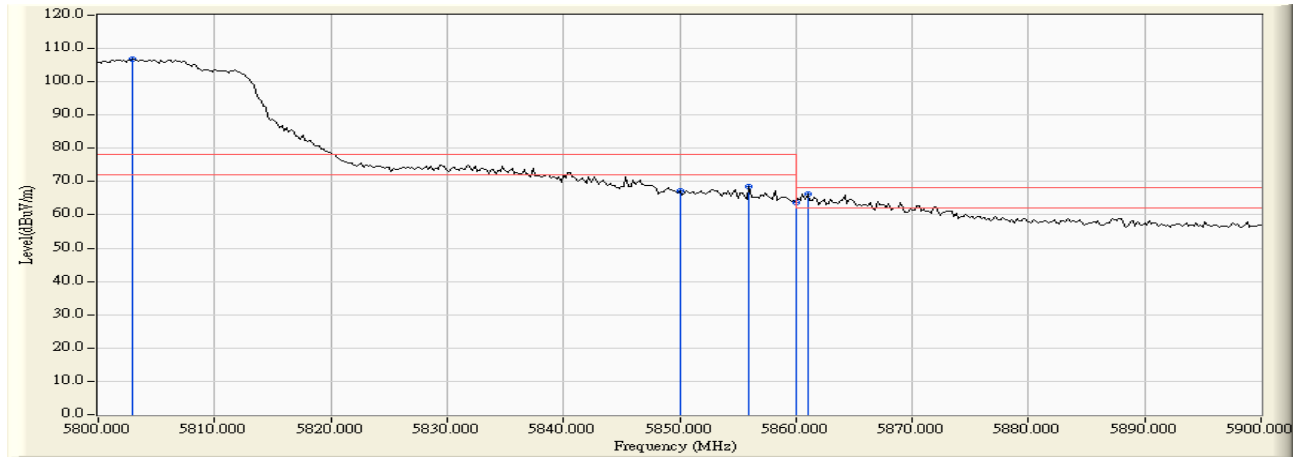
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5715.000	5.063	60.639	65.702	-2.518	68.220	Pass
Horizontal	5718.400	5.077	62.009	67.086	-11.134	78.220	Pass
Horizontal	5725.000	5.104	61.794	66.897	-11.323	78.220	Pass
Horizontal	5748.400	5.198	100.288	105.486	--	--	--



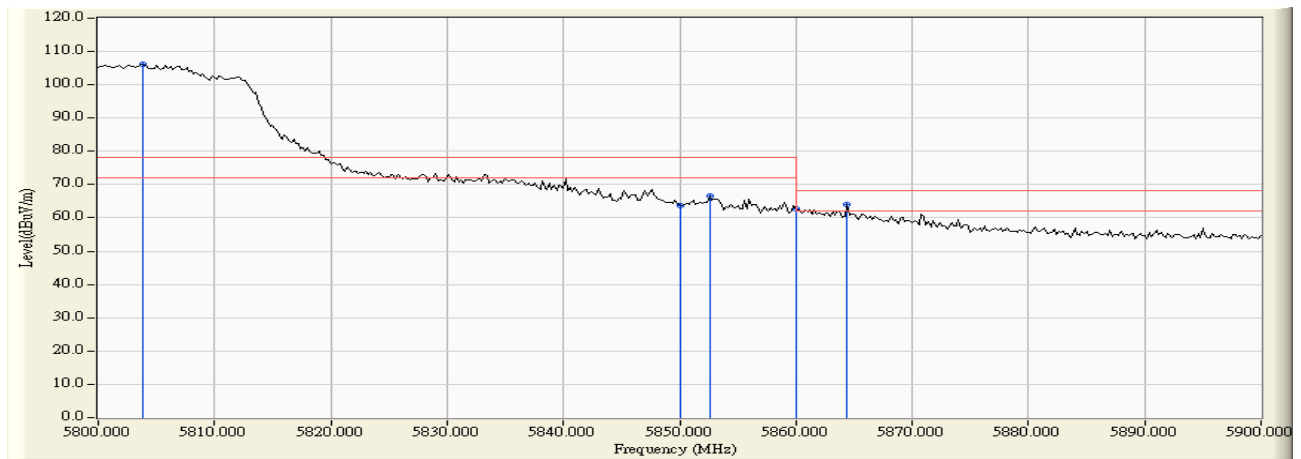
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5714.400	4.184	61.070	65.254	-2.966	68.220	Pass
Vertical	5715.000	4.186	60.180	64.366	-3.854	68.220	Pass
Vertical	5724.600	4.213	63.636	67.849	-10.371	78.220	Pass
Vertical	5725.000	4.215	62.119	66.334	-11.886	78.220	Pass
Vertical	5750.600	4.287	100.762	105.050	--	--	--

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

RF Radiated Measurement:



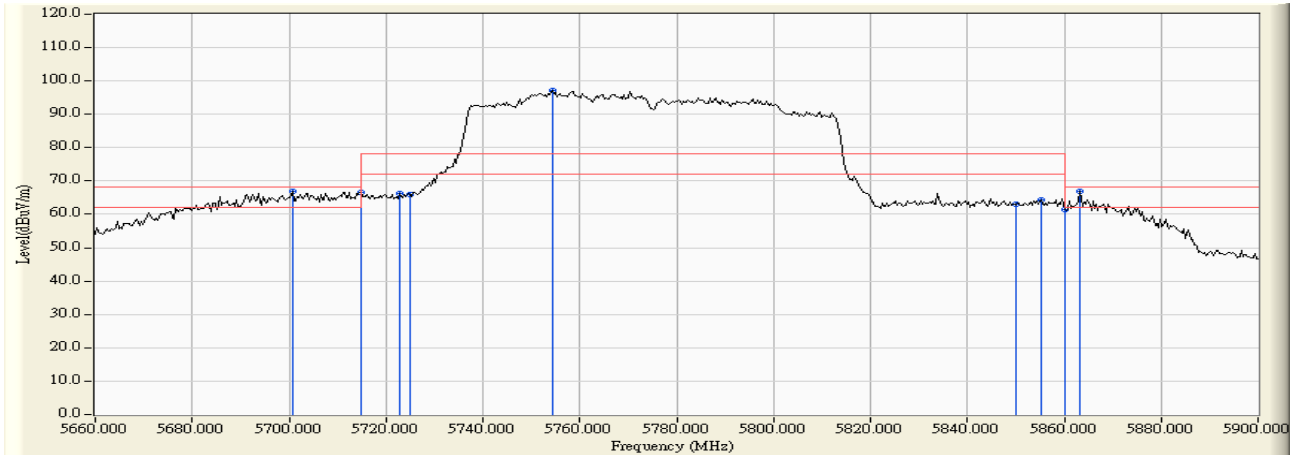
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5803.000	5.402	101.374	106.777	--	--	--
Horizontal	5850.000	5.715	61.502	67.217	-11.003	78.220	Pass
Horizontal	5856.000	5.765	62.689	68.454	-9.766	78.220	Pass
Horizontal	5860.000	5.798	57.912	63.710	-4.510	68.220	Pass
Horizontal	5861.000	5.806	60.419	66.225	-1.995	68.220	Pass



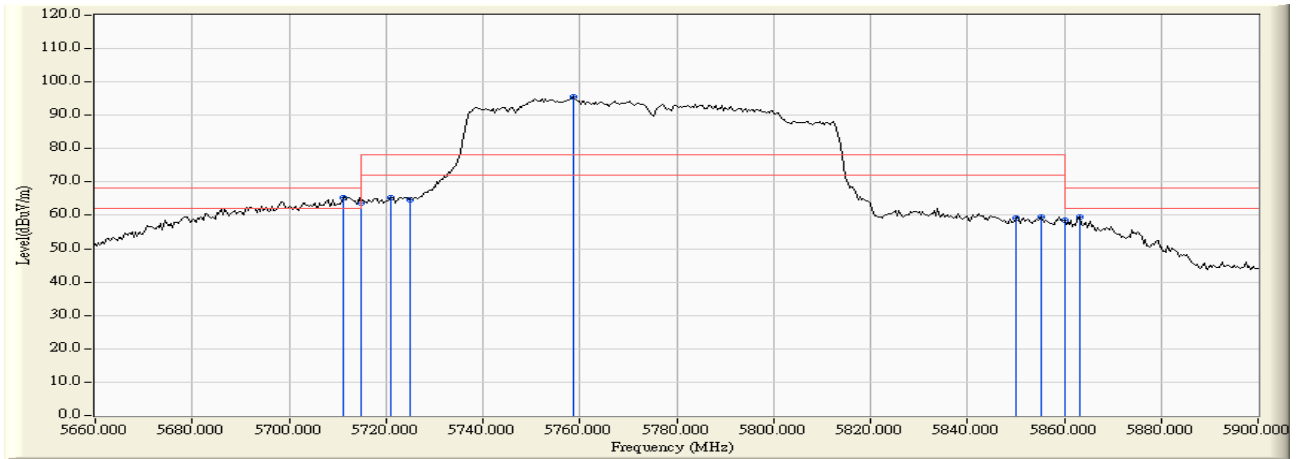
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5803.800	4.365	101.727	106.092	--	--	--
Vertical	5850.000	4.194	59.524	63.718	-14.502	78.220	Pass
Vertical	5852.600	4.188	62.557	66.744	-11.476	78.220	Pass
Vertical	5860.000	4.168	58.500	62.668	-5.552	68.220	Pass
Vertical	5864.400	4.158	59.986	64.144	-4.076	68.220	Pass

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

RF Radiated Measurement:



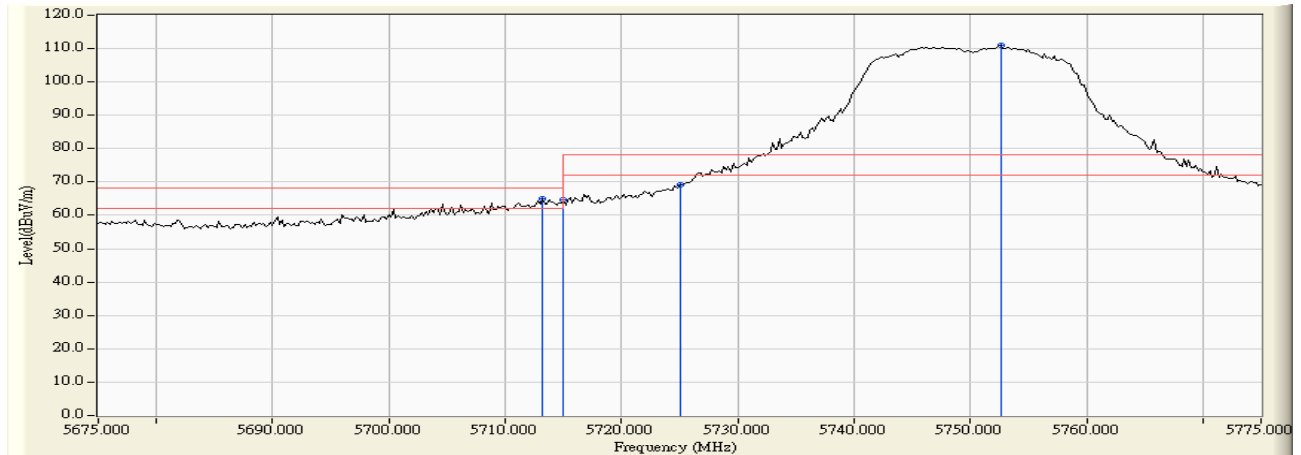
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5700.696	4.628	62.190	66.819	-1.401	68.220	Pass
Horizontal	5715.000	4.652	61.984	66.636	-1.584	68.220	Pass
Horizontal	5722.957	4.654	61.713	66.367	-11.853	78.220	Pass
Horizontal	5725.000	4.654	61.412	66.066	-12.154	78.220	Pass
Horizontal	5754.261	4.659	92.366	97.024	--	--	--
Horizontal	5850.000	4.964	57.998	62.962	-15.258	78.220	Pass
Horizontal	5855.130	4.993	59.505	64.499	-13.721	78.220	Pass
Horizontal	5860.000	5.023	56.579	61.602	-6.618	68.220	Pass
Horizontal	5863.130	5.041	61.779	66.820	-1.400	68.220	Pass



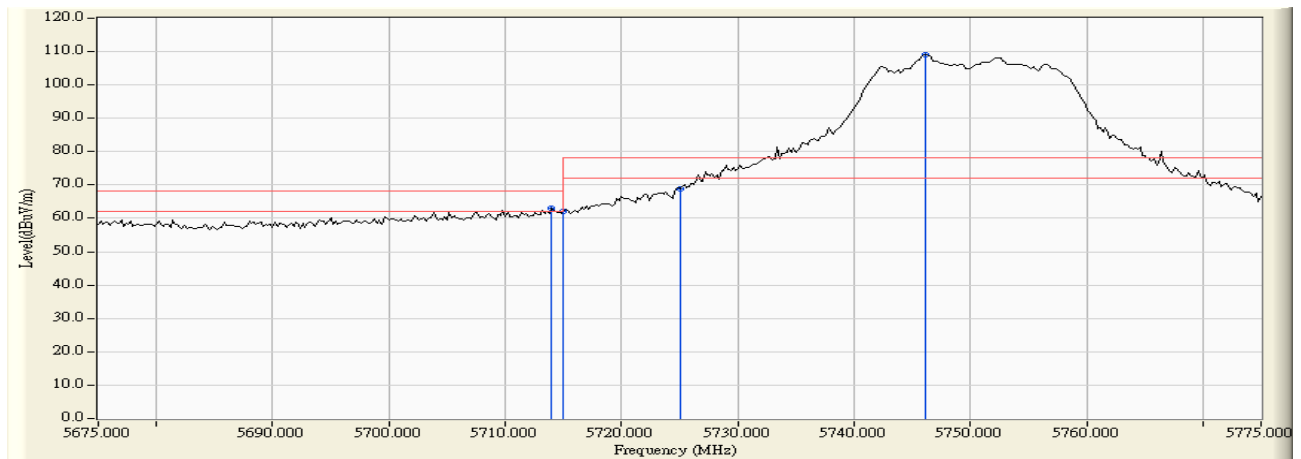
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuv)	Measure Level (dBuv /m)	Margin (dB)	Limit (dBuv /m)	Result
Vertical	5711.130	5.995	59.438	65.432	-2.788	68.220	Pass
Vertical	5715.000	5.994	57.678	63.672	-4.548	68.220	Pass
Vertical	5720.870	5.993	59.398	65.391	-12.829	78.220	Pass
Vertical	5725.000	5.992	58.559	64.552	-13.668	78.220	Pass
Vertical	5758.783	5.985	89.468	95.454	--	--	--
Vertical	5850.000	6.037	53.067	59.104	-19.116	78.220	Pass
Vertical	5855.130	6.042	53.565	59.607	-18.613	78.220	Pass
Vertical	5860.000	6.047	52.643	58.690	-9.530	68.220	Pass
Vertical	5863.130	6.050	53.610	59.661	-8.559	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) -Channel 149

RF Radiated Measurement:



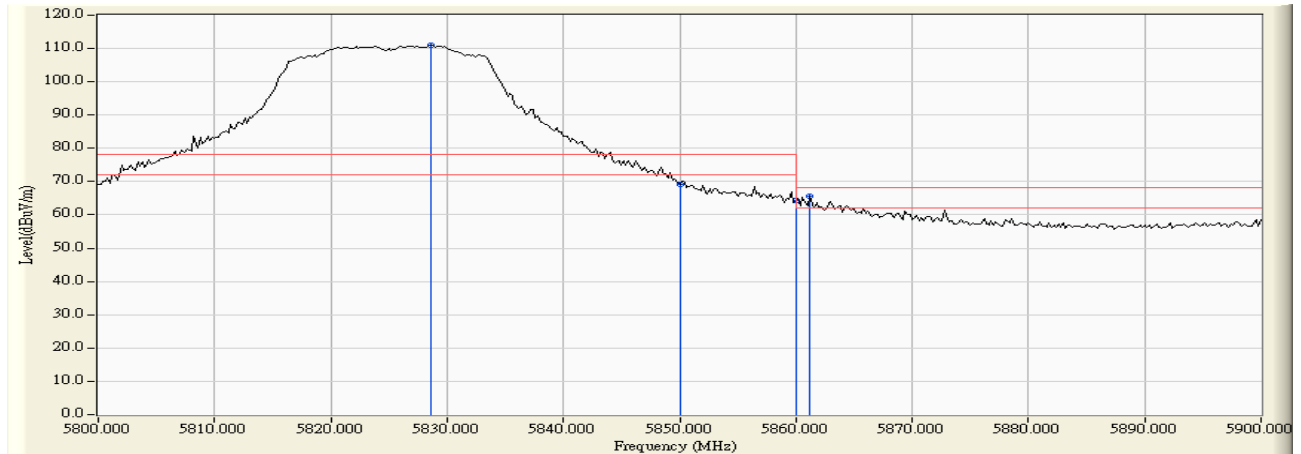
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5713.200	5.055	59.851	64.907	-3.313	68.220	Pass
Horizontal	5715.000	5.063	59.564	64.627	-3.593	68.220	Pass
Horizontal	5725.000	5.104	64.113	69.216	-9.004	78.220	Pass
Horizontal	5752.600	5.213	105.704	110.918	--	--	--



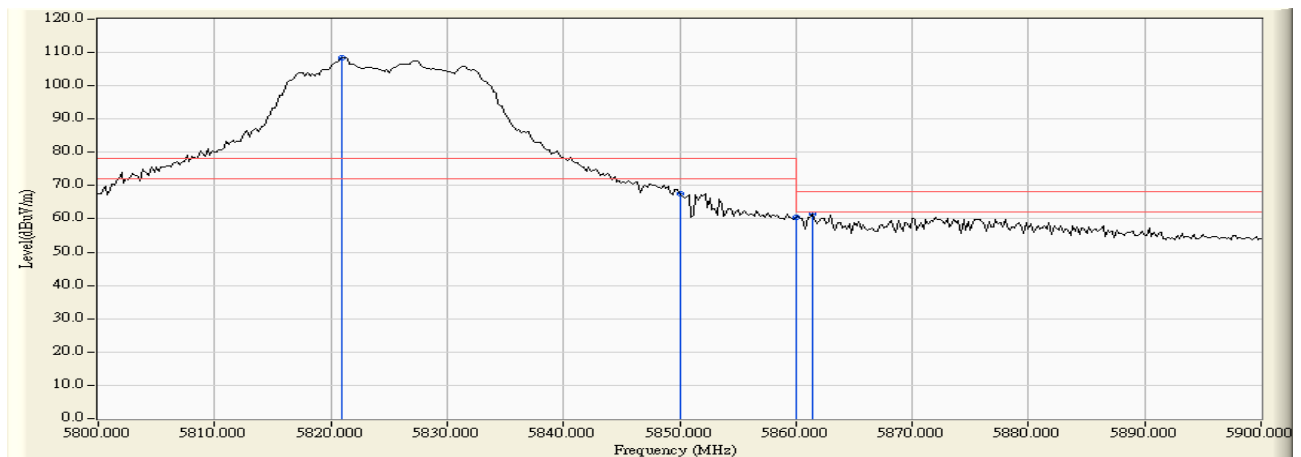
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5714.000	4.182	58.721	62.904	-5.316	68.220	Pass
Vertical	5715.000	4.186	58.011	62.197	-6.023	68.220	Pass
Vertical	5725.000	4.215	64.755	68.970	-9.250	78.220	Pass
Vertical	5746.200	4.277	104.735	109.012	--	--	--

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) -Channel 165

RF Radiated Measurement:



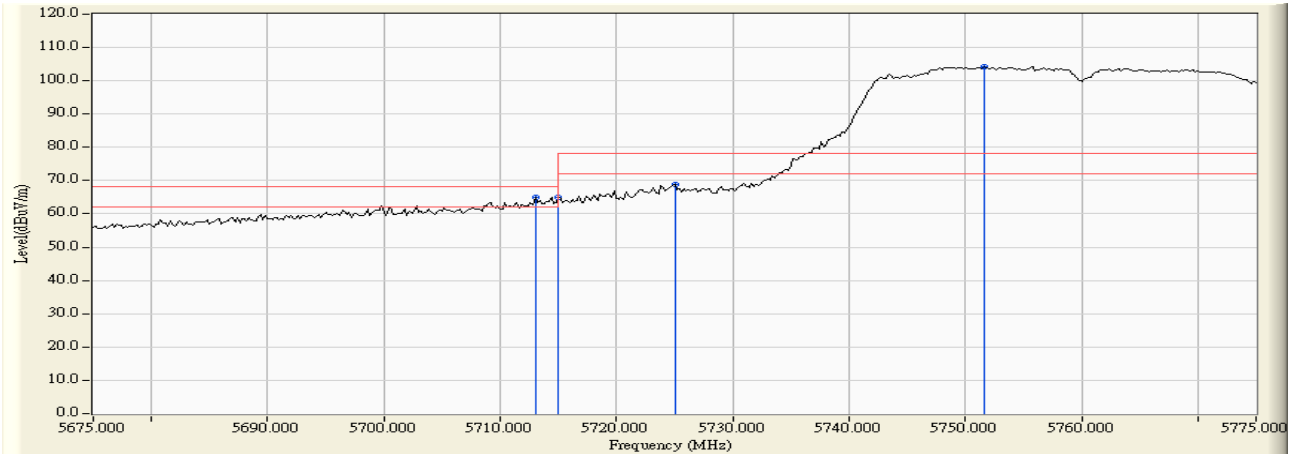
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5828.600	5.565	105.287	110.852	--	--	--
Horizontal	5850.000	5.715	63.502	69.217	-9.003	78.220	Pass
Horizontal	5860.000	5.798	58.409	64.207	-4.013	68.220	Pass
Horizontal	5861.200	5.808	59.930	65.738	-2.482	68.220	Pass



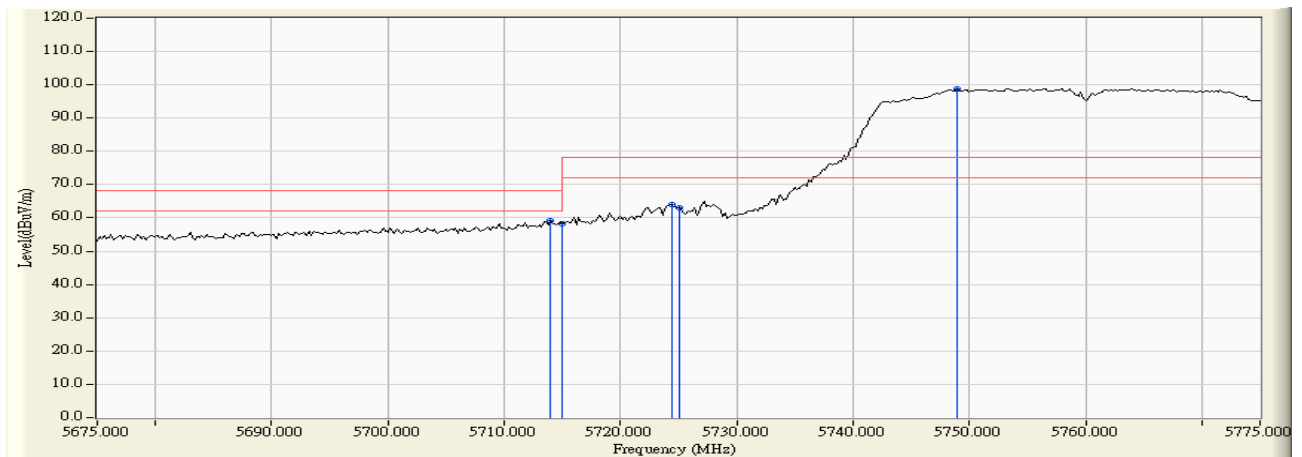
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5821.000	4.309	104.172	108.481	--	--	--
Vertical	5850.000	4.194	63.337	67.531	-10.689	78.220	Pass
Vertical	5860.000	4.168	56.204	60.372	-7.848	68.220	Pass
Vertical	5861.400	4.163	57.227	61.391	-6.829	68.220	Pass

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) -Channel 151

RF Radiated Measurement :



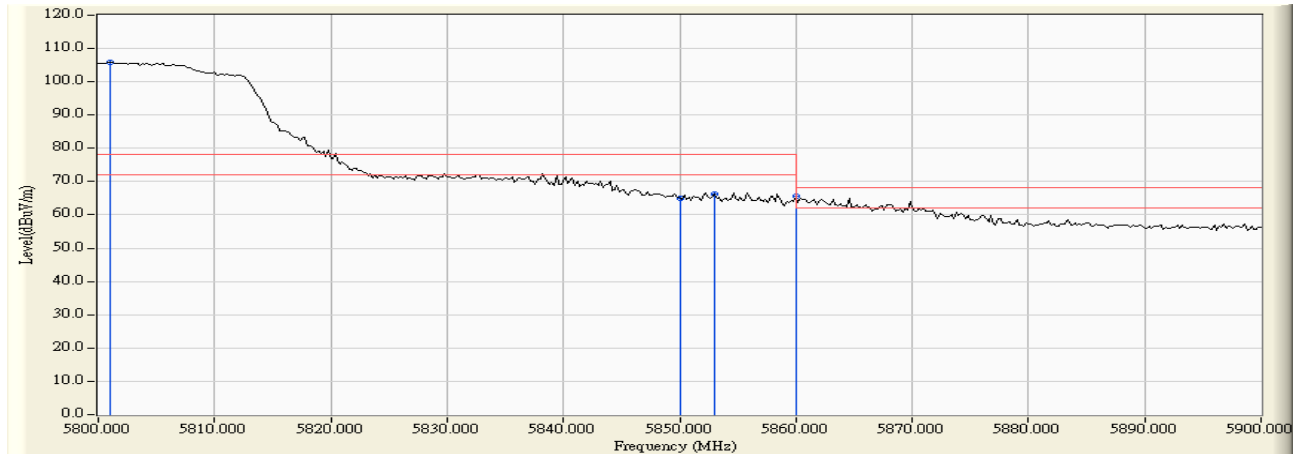
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5713.000	5.054	59.939	64.994	-3.226	68.220	Pass
Horizontal	5715.000	5.063	59.776	64.839	-3.381	68.220	Pass
Horizontal	5725.000	5.104	63.638	68.741	-9.479	78.220	Pass
Horizontal	5751.600	5.210	99.092	104.302	--	--	--



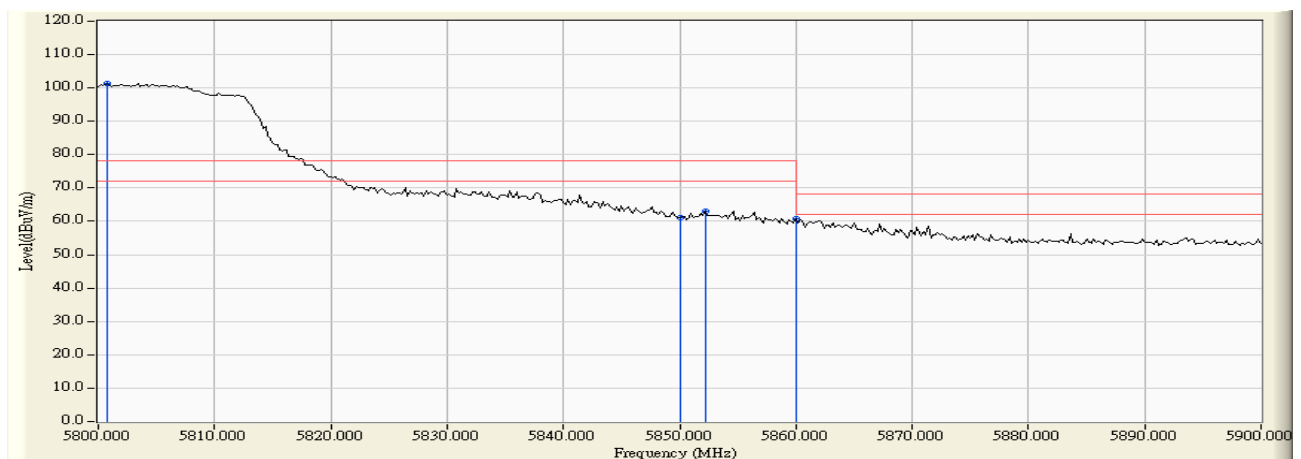
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5714.000	4.182	55.162	59.345	-8.875	68.220	Pass
Vertical	5715.000	4.186	53.992	58.178	-10.042	68.220	Pass
Vertical	5724.400	4.213	59.791	64.004	-14.216	78.220	Pass
Vertical	5725.000	4.215	58.995	63.210	-15.010	78.220	Pass
Vertical	5749.000	4.284	94.598	98.882	--	--	--

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) -Channel 159

RF Radiated Measurement:



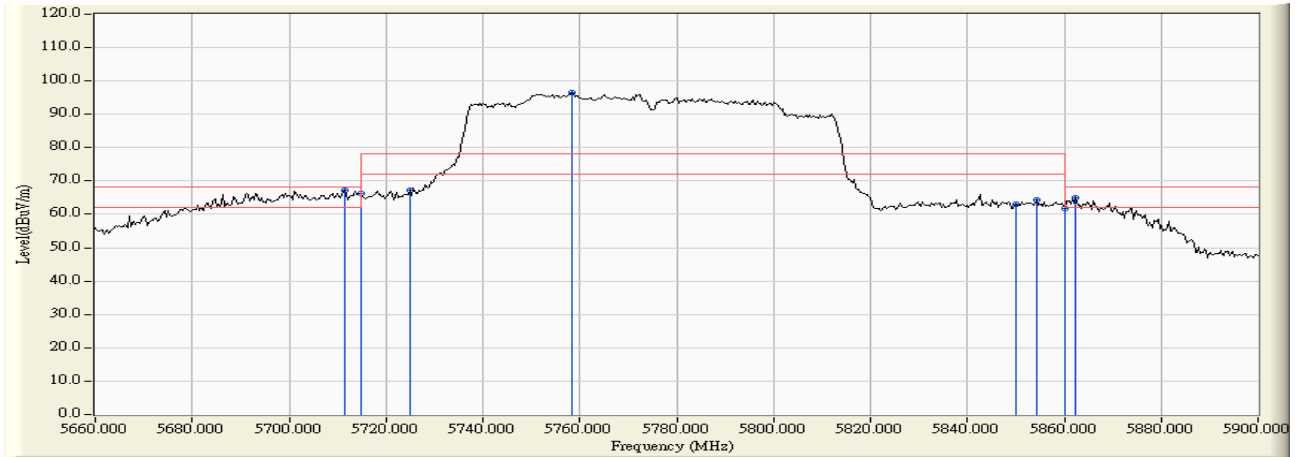
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5801.000	5.392	100.598	105.990	--	--	--
Horizontal	5850.000	5.715	59.295	65.010	-13.210	78.220	Pass
Horizontal	5853.000	5.740	60.592	66.332	-11.888	78.220	Pass
Horizontal	5860.000	5.798	59.871	65.669	-2.551	68.220	Pass



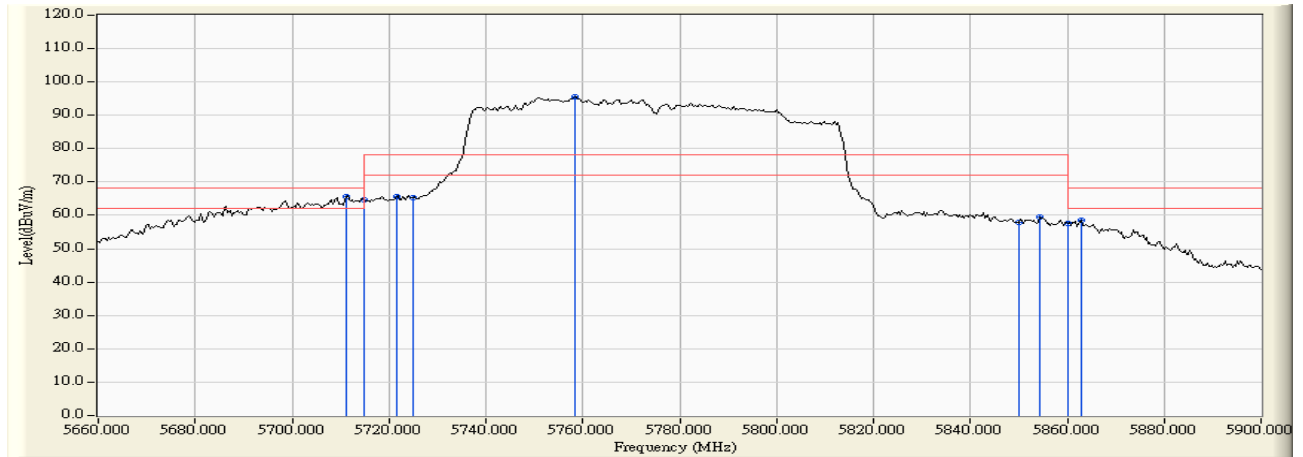
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Vertical	5800.800	4.370	96.972	101.342	--	--	--
Vertical	5850.000	4.194	56.917	61.111	-17.109	78.220	Pass
Vertical	5852.200	4.188	58.851	63.040	-15.180	78.220	Pass
Vertical	5860.000	4.168	56.528	60.696	-7.524	68.220	Pass

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

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV /m)	Margin (dB)	Limit (dBuV /m)	Result
Horizontal	5711.478	4.651	62.520	67.171	-1.049	68.220	Pass
Horizontal	5715.000	4.652	61.489	66.141	-2.079	68.220	Pass
Horizontal	5725.000	4.654	62.470	67.124	-11.096	78.220	Pass
Horizontal	5758.435	4.659	91.800	96.459	--	--	--
Horizontal	5850.000	4.964	58.131	63.095	-15.125	78.220	Pass
Horizontal	5854.435	4.991	59.410	64.400	-13.820	78.220	Pass
Horizontal	5860.000	5.023	56.696	61.719	-6.501	68.220	Pass
Horizontal	5862.435	5.037	60.008	65.045	-3.175	68.220	Pass



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuv)	Measure Level (dBuv /m)	Margin (dB)	Limit (dBuv /m)	Result
Vertical	5711.130	5.995	59.677	65.671	-2.549	68.220	Pass
Vertical	5715.000	5.994	58.826	64.820	-3.400	68.220	Pass
Vertical	5721.565	5.994	59.563	65.556	-12.664	78.220	Pass
Vertical	5725.000	5.992	59.318	65.311	-12.909	78.220	Pass
Vertical	5758.435	5.986	89.679	95.665	--	--	--
Vertical	5850.000	6.037	51.966	58.003	-20.217	78.220	Pass
Vertical	5854.435	6.042	53.388	59.429	-18.791	78.220	Pass
Vertical	5860.000	6.047	51.457	57.504	-10.716	68.220	Pass
Vertical	5862.783	6.050	52.359	58.409	-9.811	68.220	Pass

7. Occupied Bandwidth

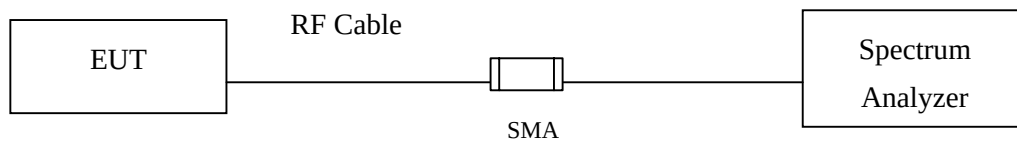
7.1. Test Equipment

	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

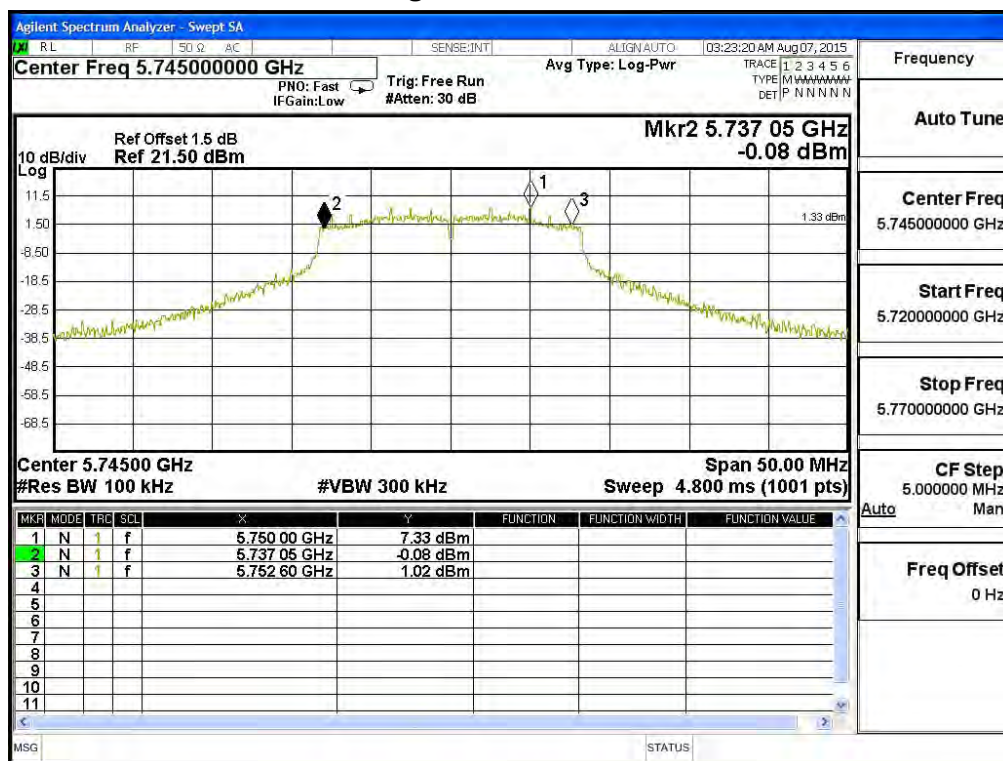
$\pm 150\text{Hz}$

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 SISO A: Transmit (802.11a-6Mbps) (5745MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	15500	>500	Pass

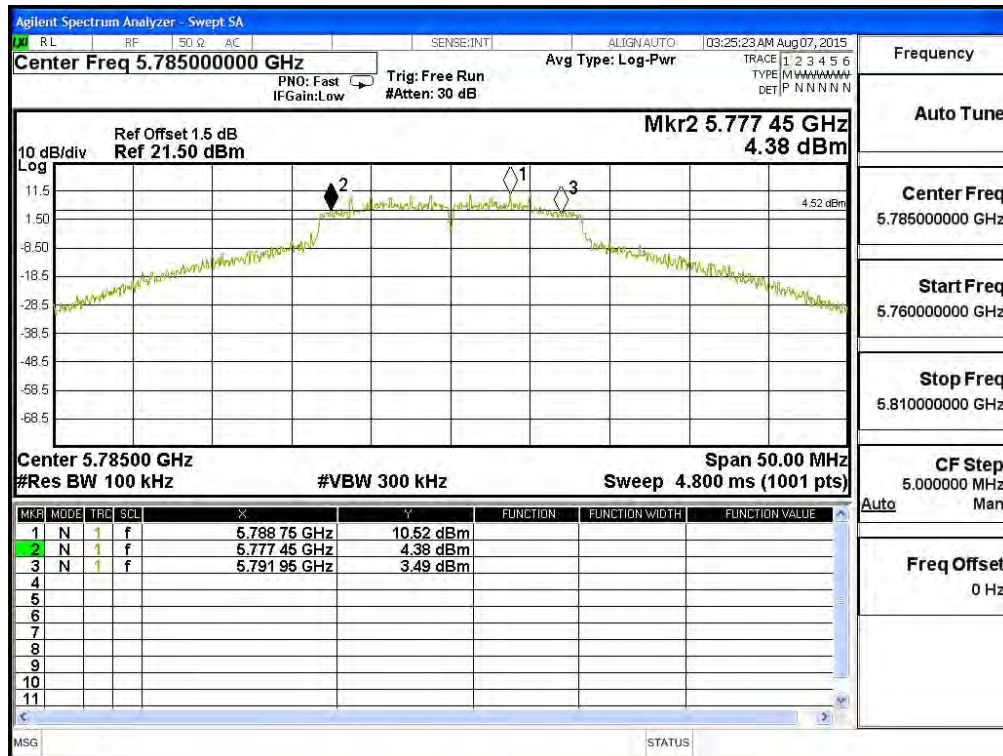
Figure Channel 149:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5785MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	14500	>500	Pass

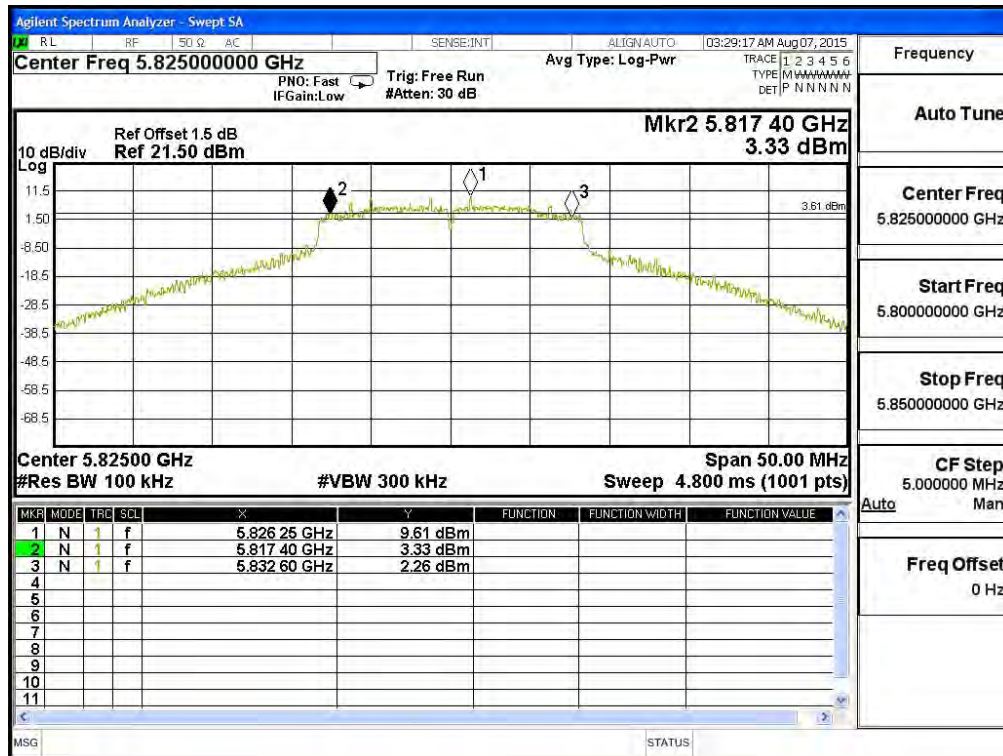
Figure Channel 157:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5825MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	15200	>500	Pass

Figure Channel 165:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) (5745MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	16050	>500	Pass

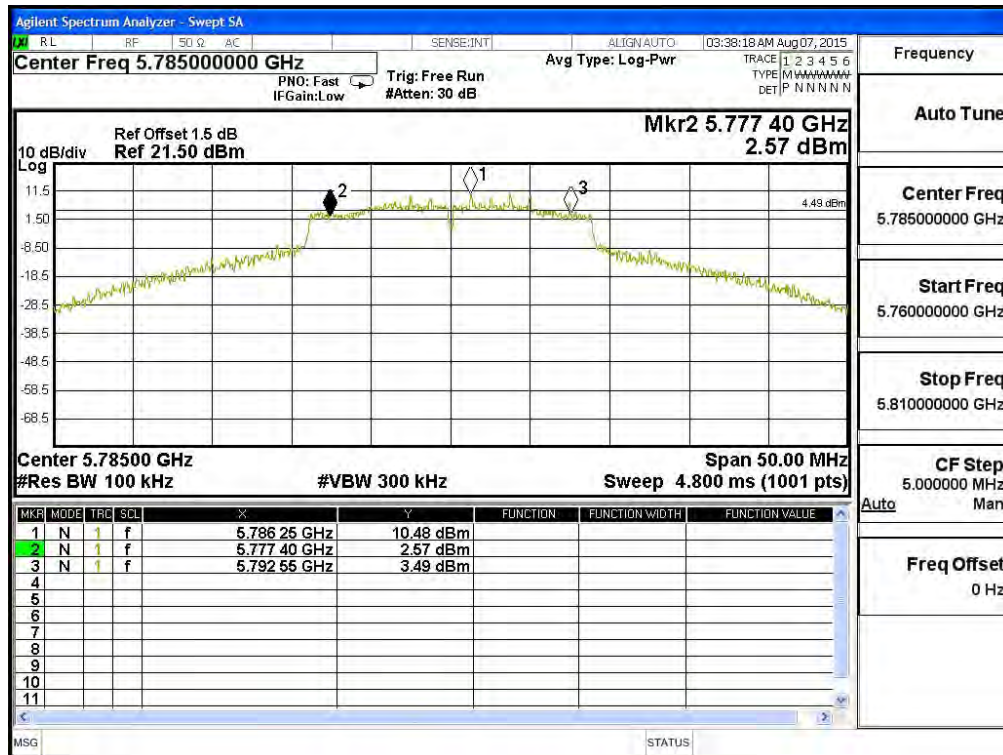
Figure Channel 149:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) (5785MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	15150	>500	Pass

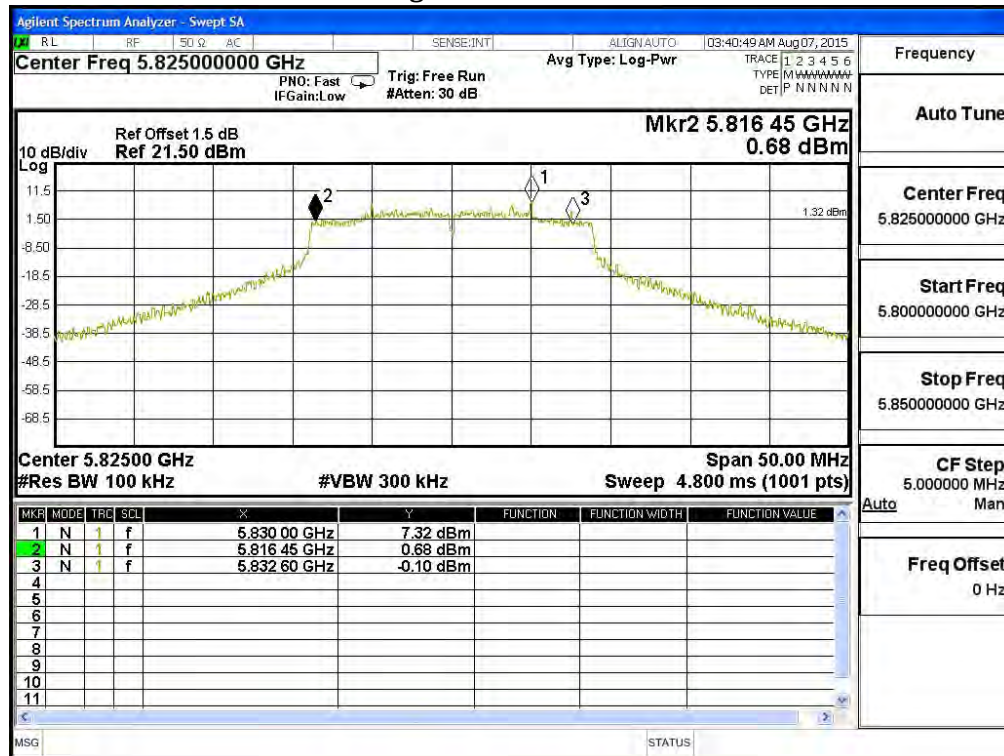
Figure Channel 157:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW-7.2Mbps) (5825MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	16150	>500	Pass

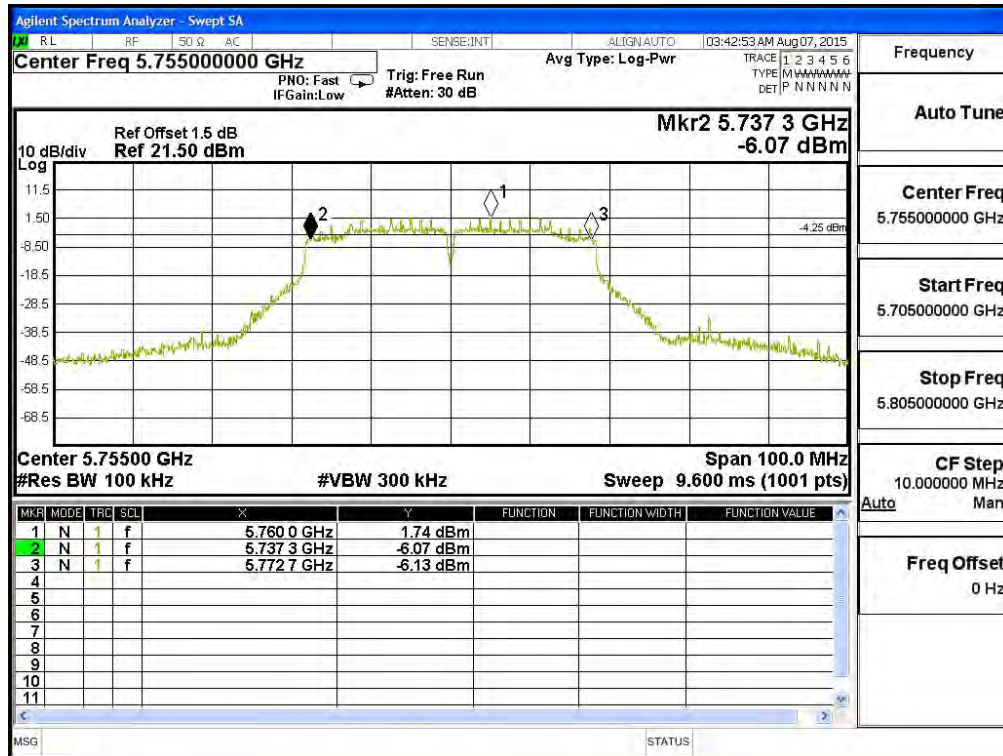
Figure Channel 165:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW-15Mbps) (5755MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	35400	>500	Pass

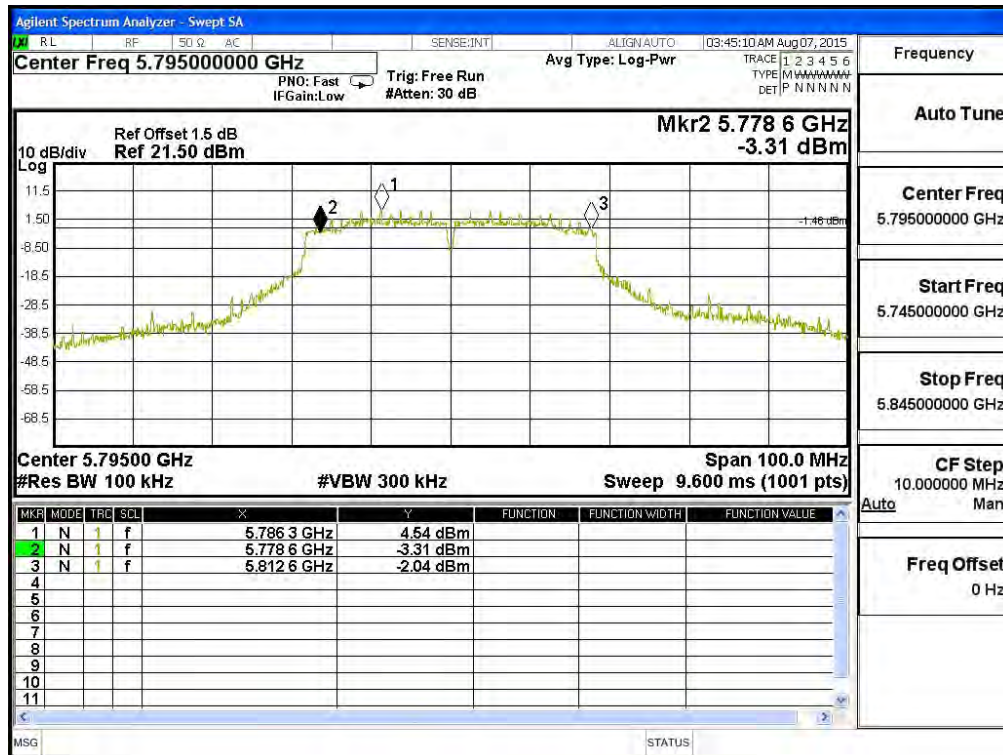
Figure Channel 151:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW-15Mbps) (5795MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	34000	>500	Pass

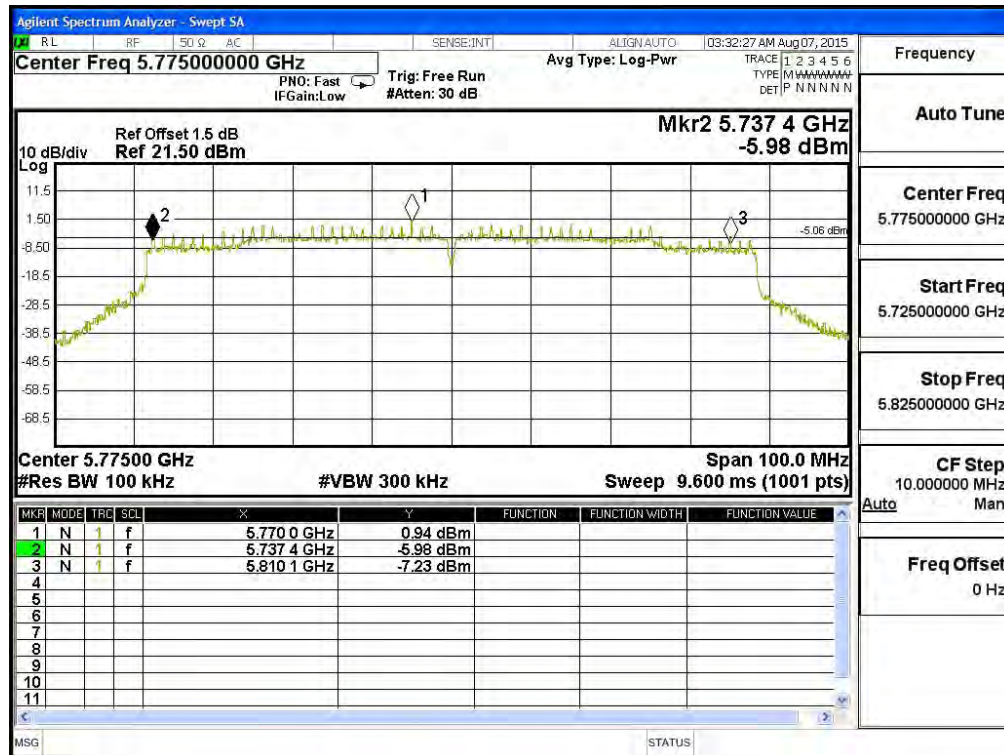
Figure Channel 159:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	72700	>500	Pass

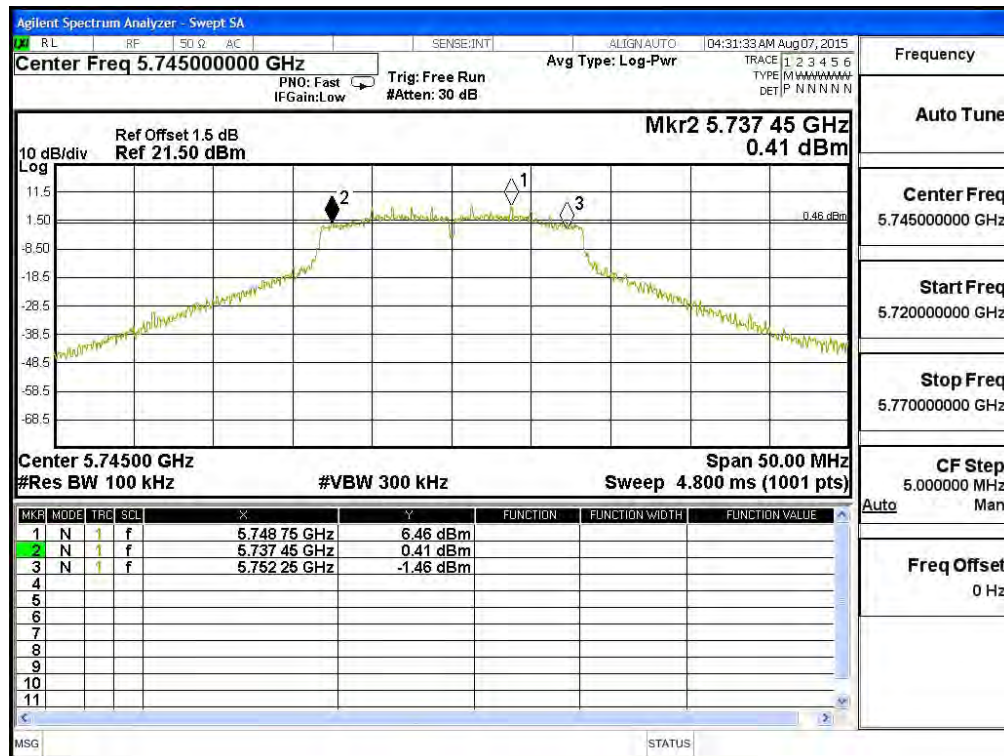
Figure Channel 155:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5745MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	14800	>500	Pass

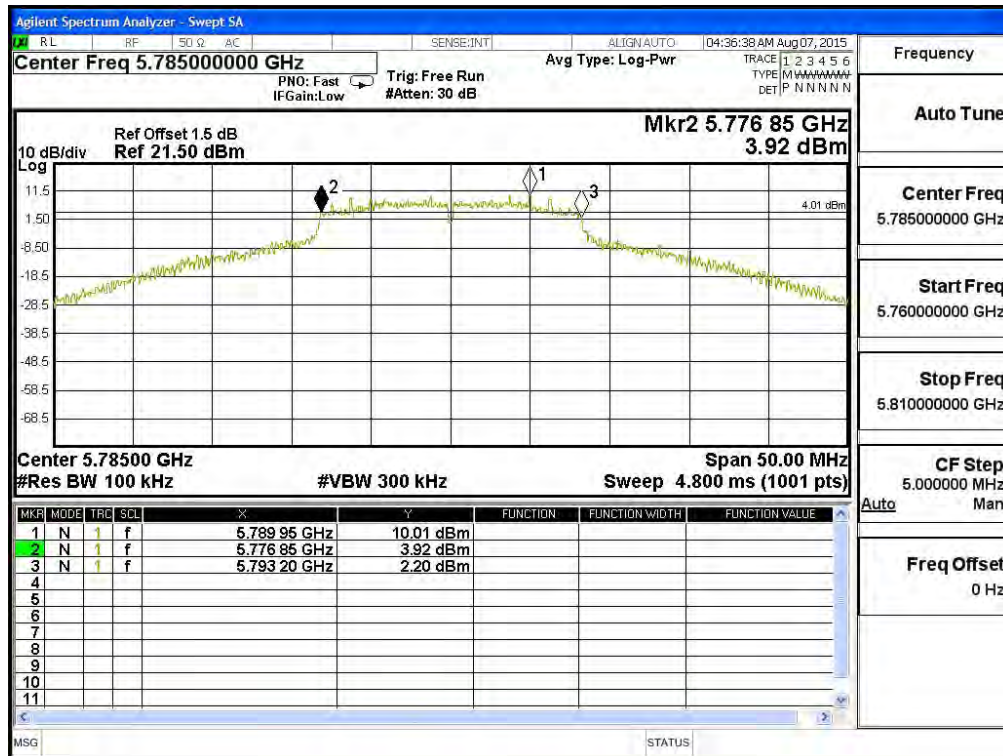
Figure Channel 149:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5785MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	16350	>500	Pass

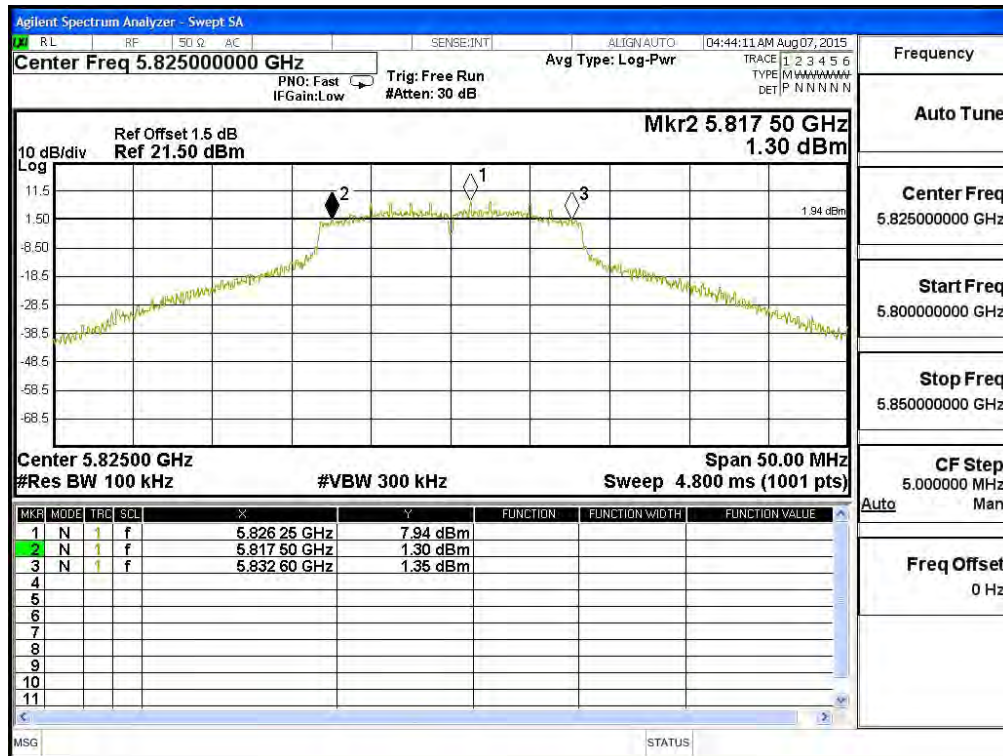
Figure Channel 157:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5825MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	15100	>500	Pass

Figure Channel 165:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	15100	>500	Pass

Figure Channel 149:



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	13950	>500	Pass

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 04:52:38 AM Aug 07, 2015

Center Freq 5.78500000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr TRACE [1 2 3 4 5 6] TYPE M N N N N N N DET P N N N N N

Ref Offset 1.5 dB Ref 21.50 dBm Mkr2 5.778 65 GHz 3.26 dBm

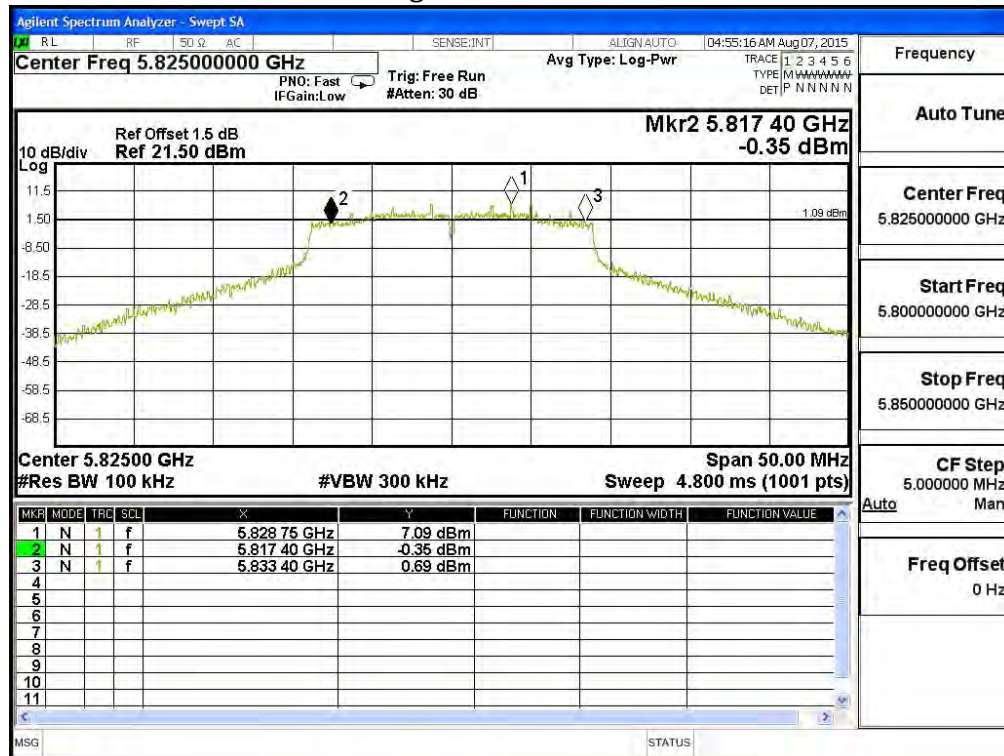
MkR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.786 25 GHz	11.40 dBm			
2	N	1	f	5.778 65 GHz	3.26 dBm			
3	N	1	f	5.792 60 GHz	2.11 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Center 5.78500 GHz Span 50.00 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep 4.800 ms (1001 pts)

Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	16000	>500	Pass

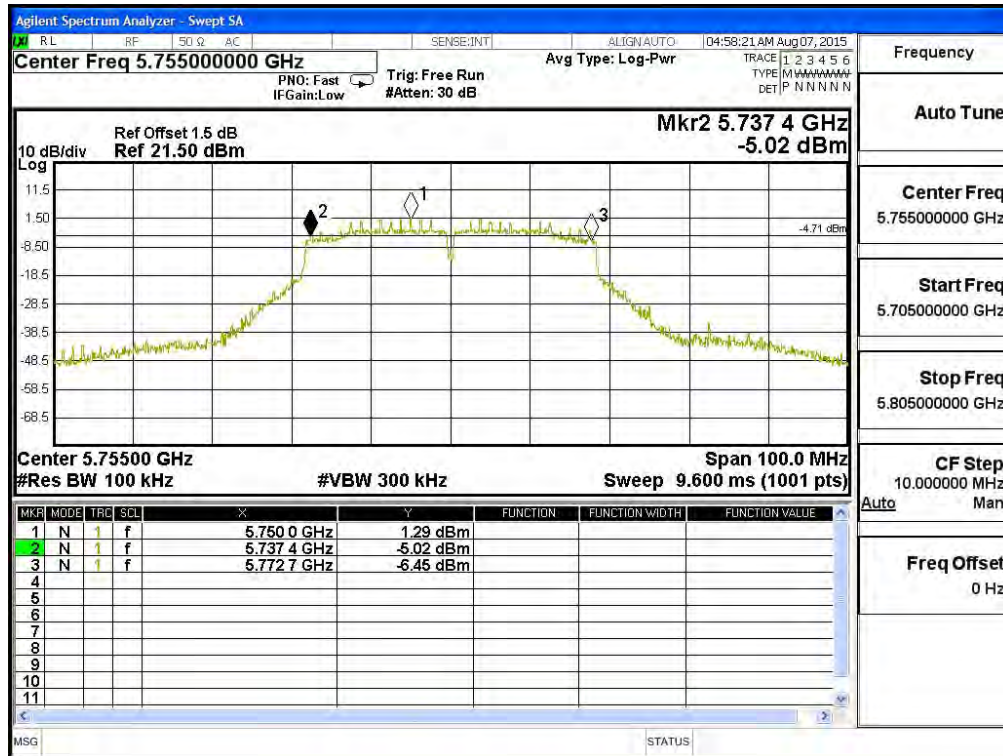
Figure Channel 165:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	35300	>500	Pass

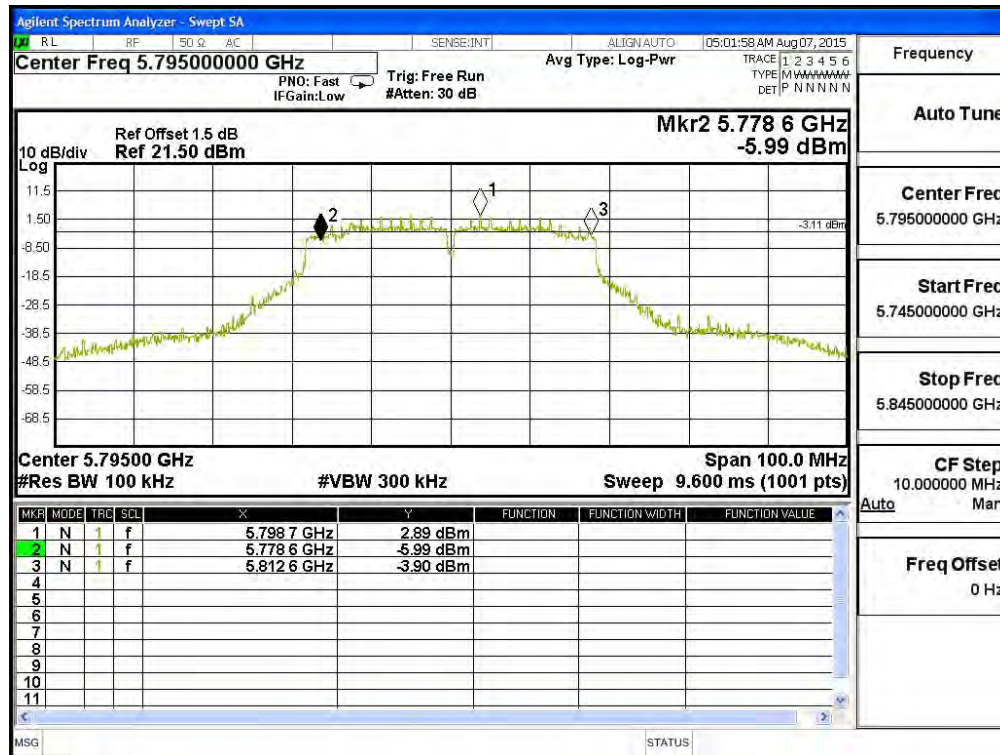
Figure Channel 151:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5795MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	34000	>500	Pass

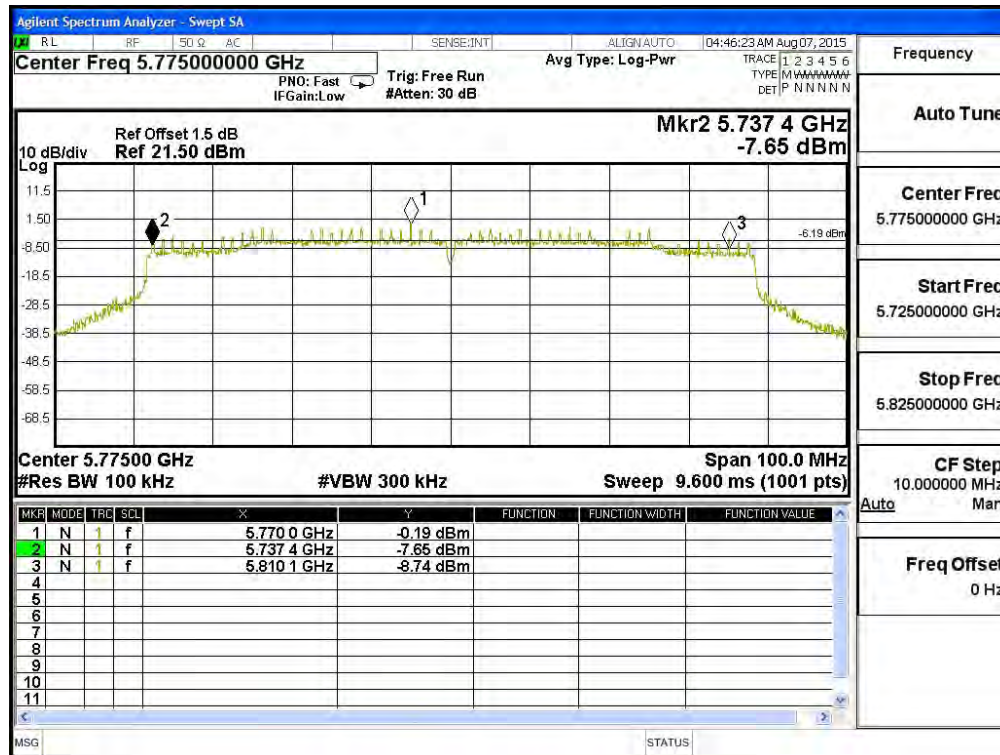
Figure Channel 159:



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	72700	>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 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5745MHz)

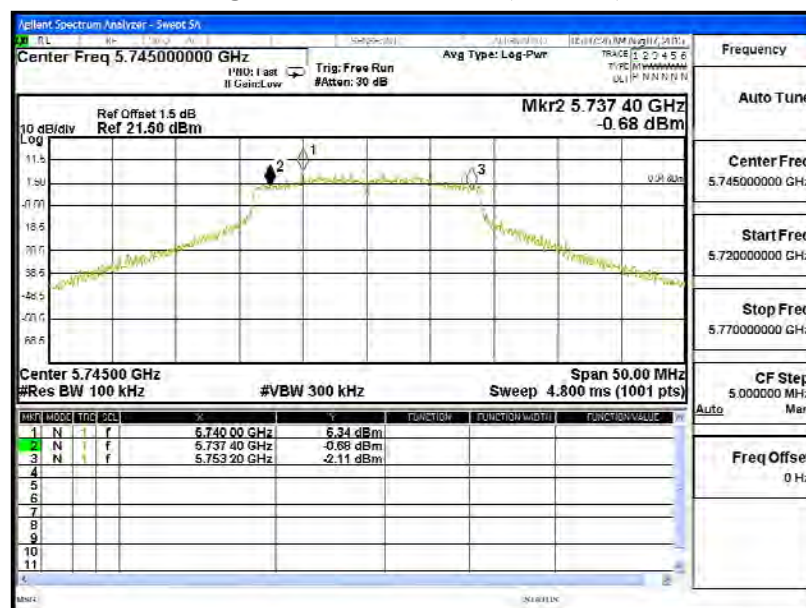
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	15200	>500	Pass

Figure Channel 149: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	15750	>500	Pass

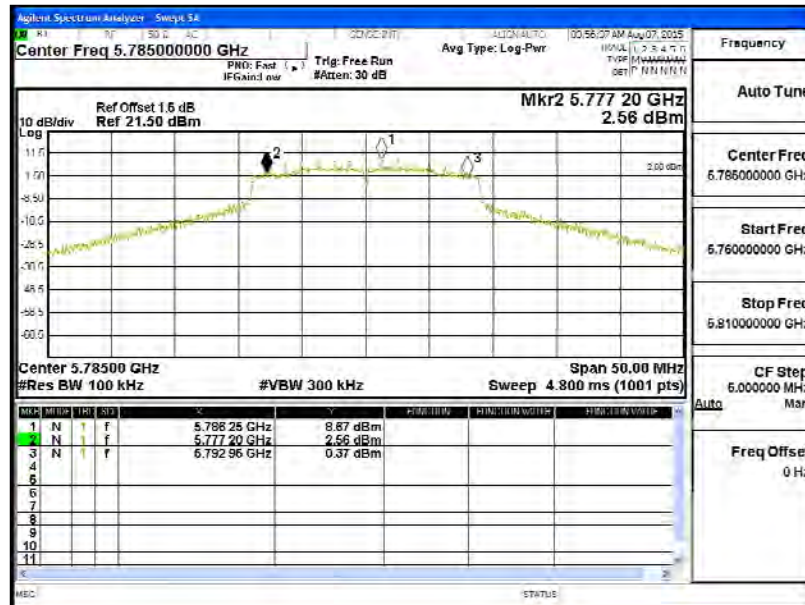
Figure Channel 149: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

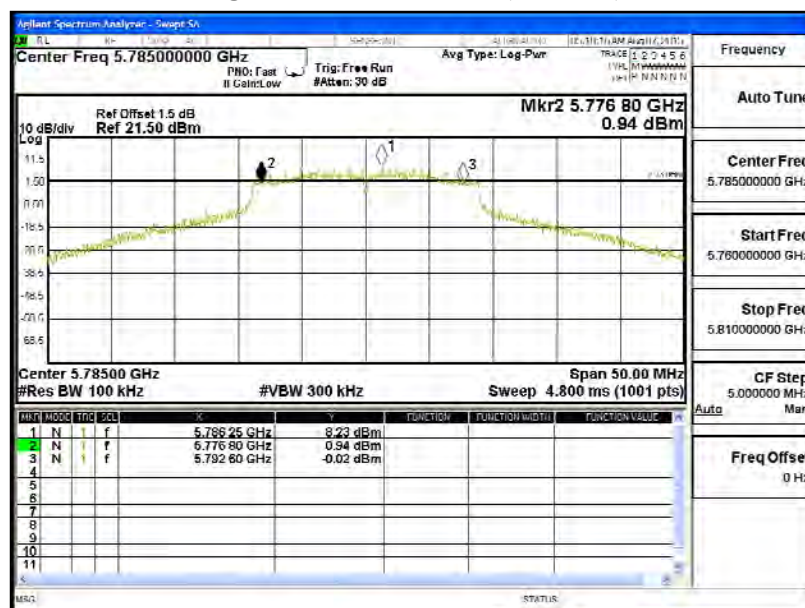
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	15800	>500	Pass

Figure Channel 157: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	15800	>500	Pass

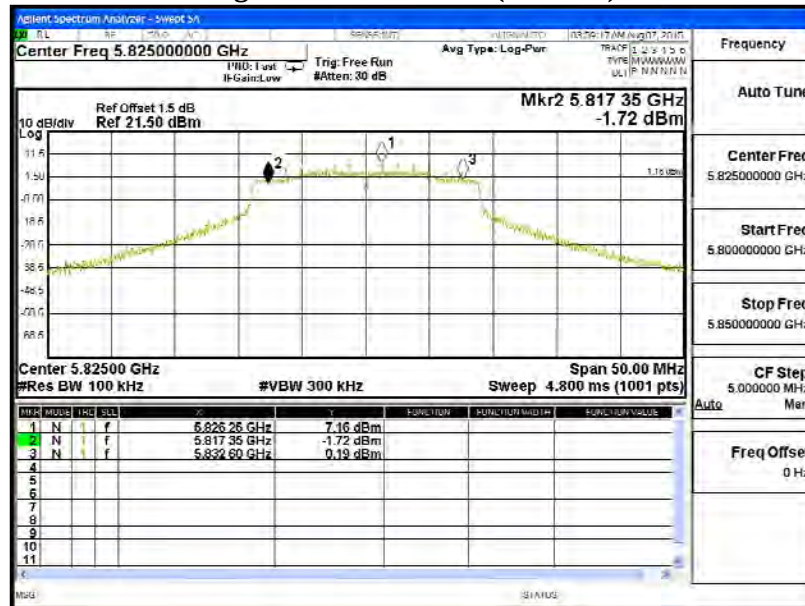
Figure Channel 157: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5825MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	15250	>500	Pass

Figure Channel 165: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	15800	>500	Pass

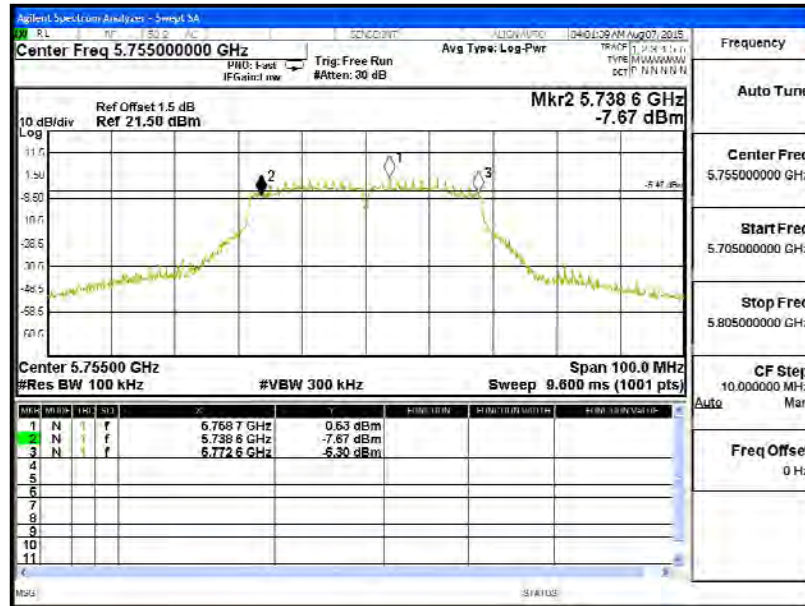
Figure Channel 165: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) (5755MHz)

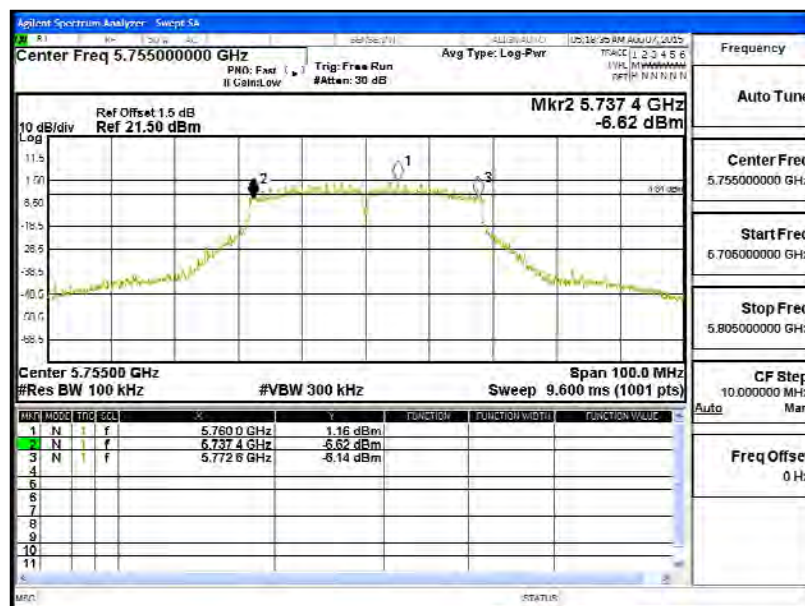
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	34000	>500	Pass

Figure Channel 151: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	35200	>500	Pass

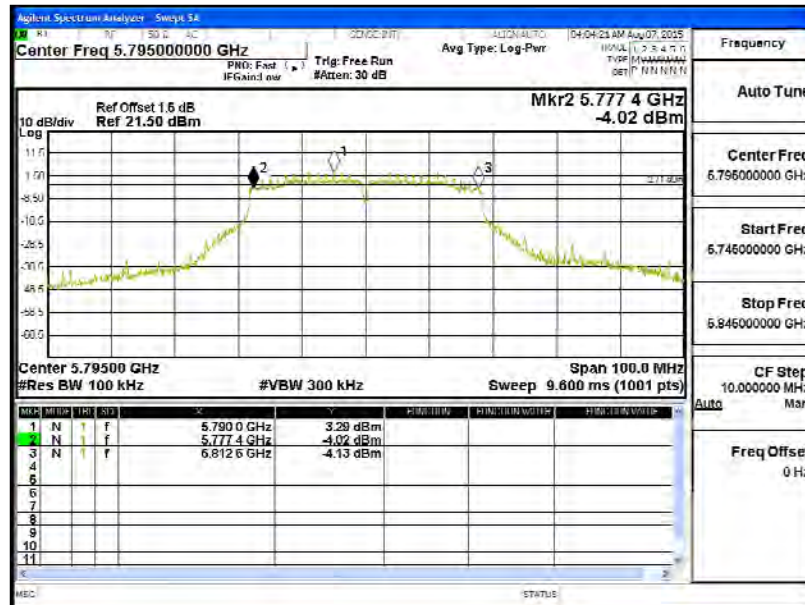
Figure Channel 151: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) (5795MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	35200	>500	Pass

Figure Channel 159: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	35300	>500	Pass

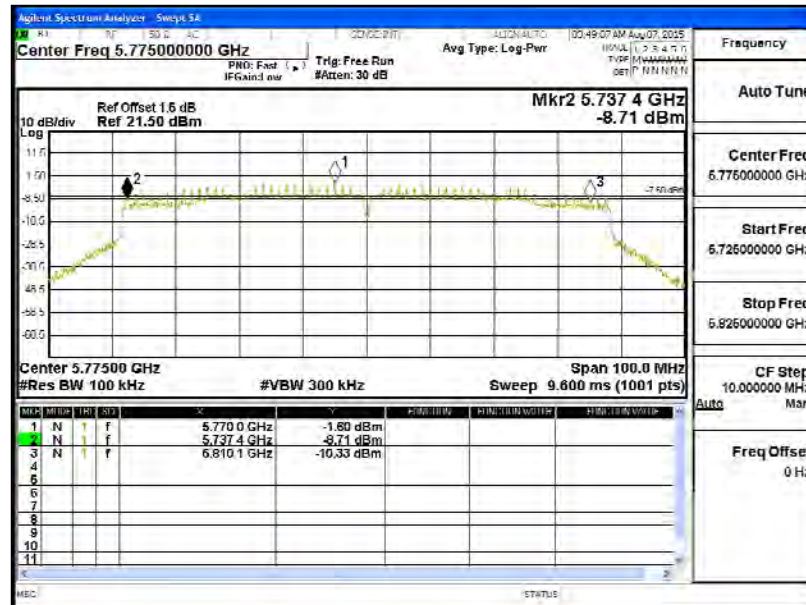
Figure Channel 159: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

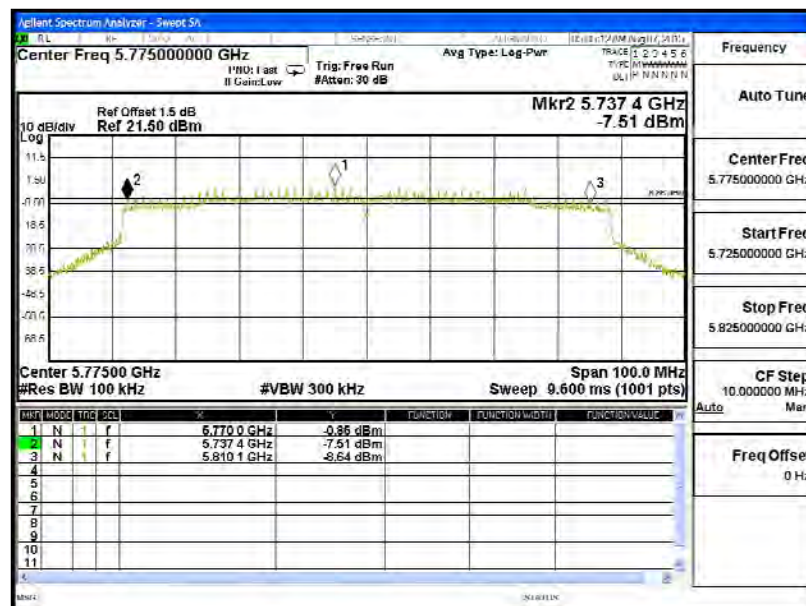
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	72700	>500	Pass

Figure Channel 155: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	72700	>500	Pass

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 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5745MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	15150	>500	Pass

Figure Channel 149: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	15200	>500	Pass

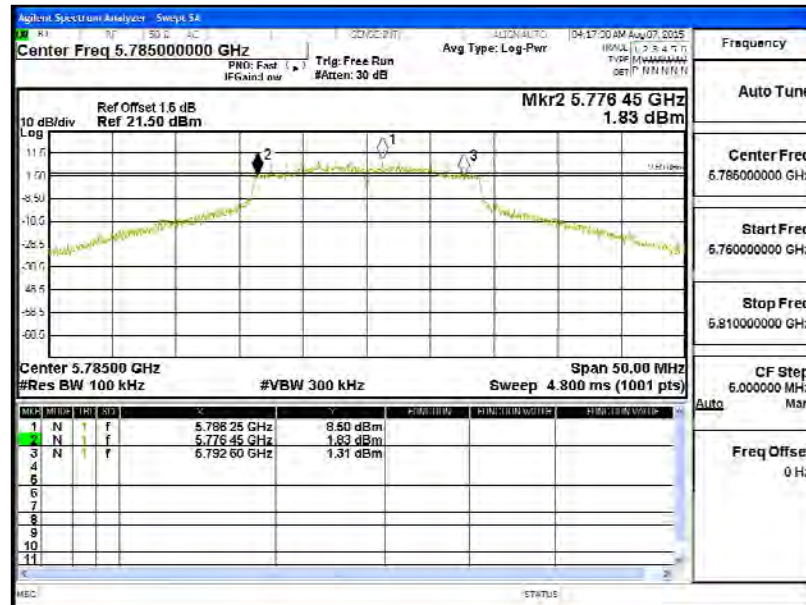
Figure Channel 149: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

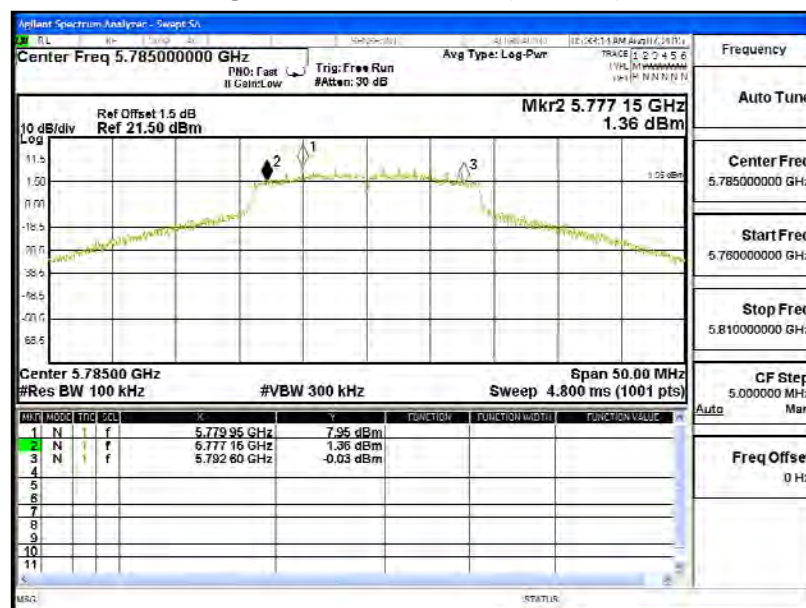
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	16150	>500	Pass

Figure Channel 157: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	15450	>500	Pass

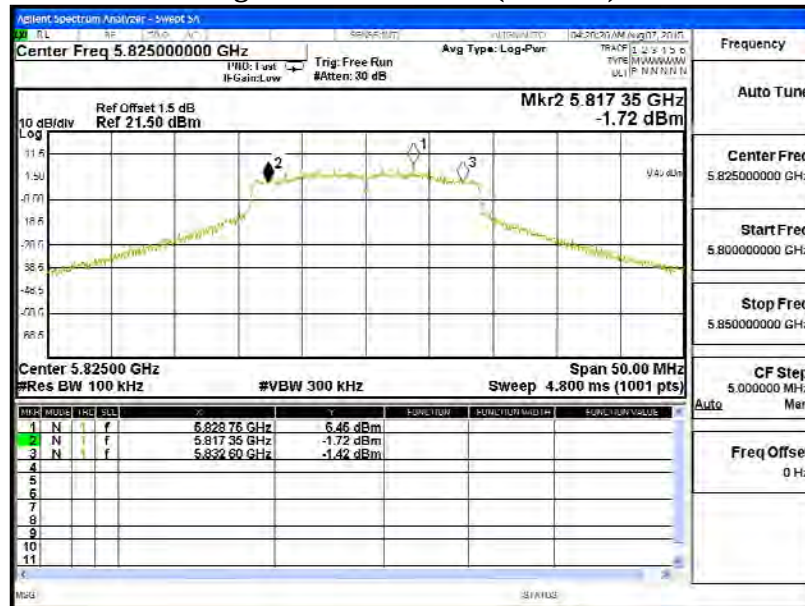
Figure Channel 157: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5825MHz)

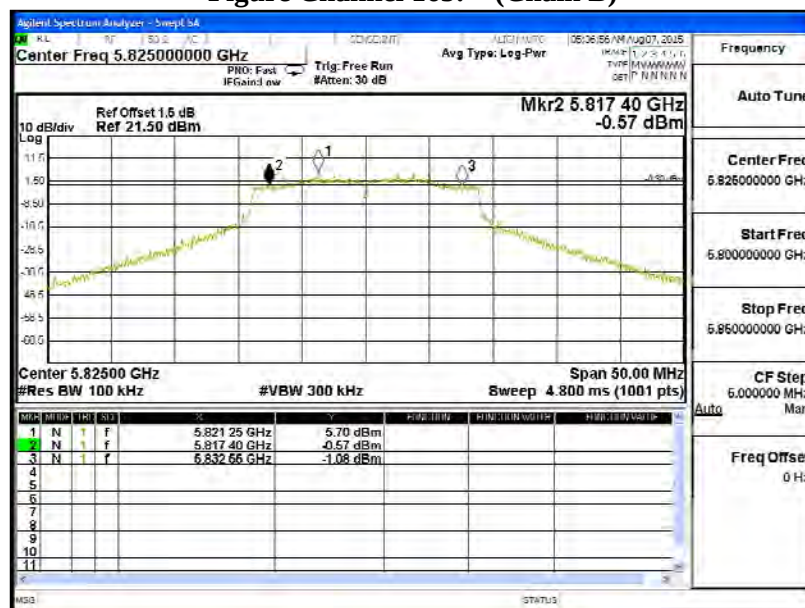
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	15250	>500	Pass

Figure Channel 165: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	15150	>500	Pass

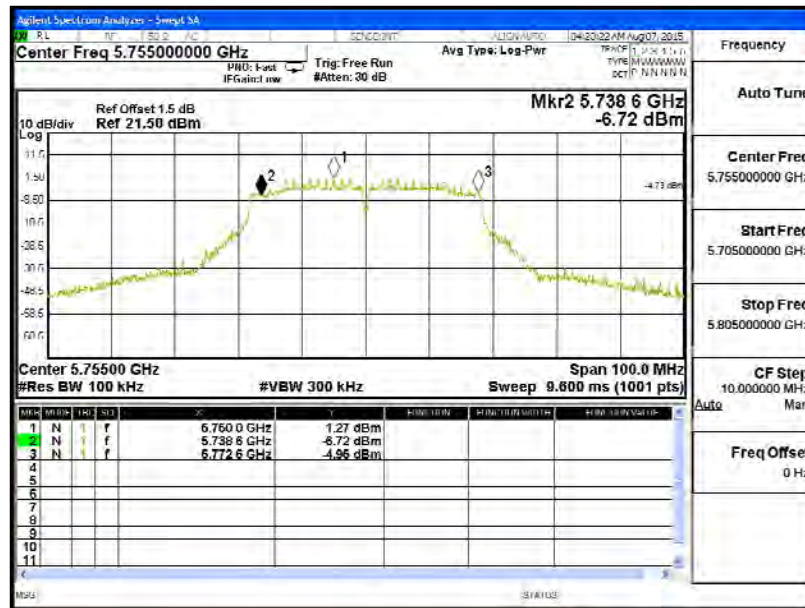
Figure Channel 165: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5755MHz)

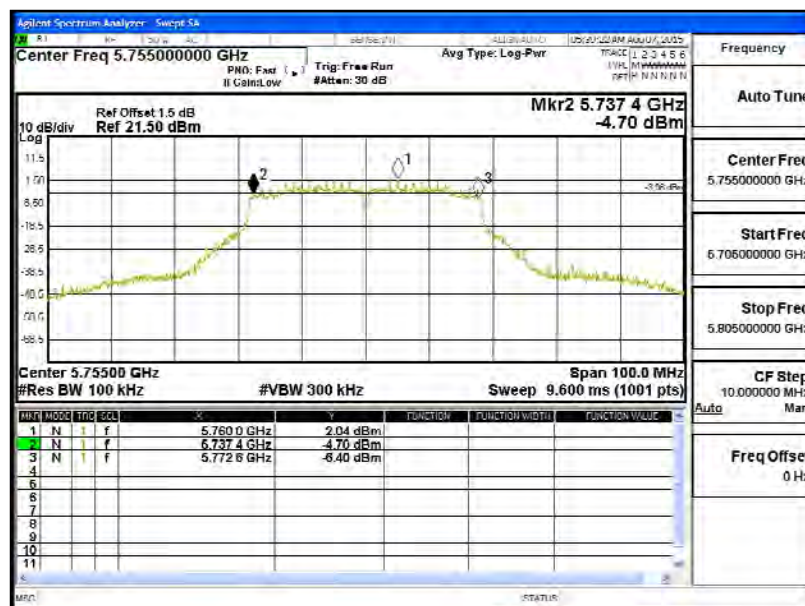
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	34000	>500	Pass

Figure Channel 151: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	35200	>500	Pass

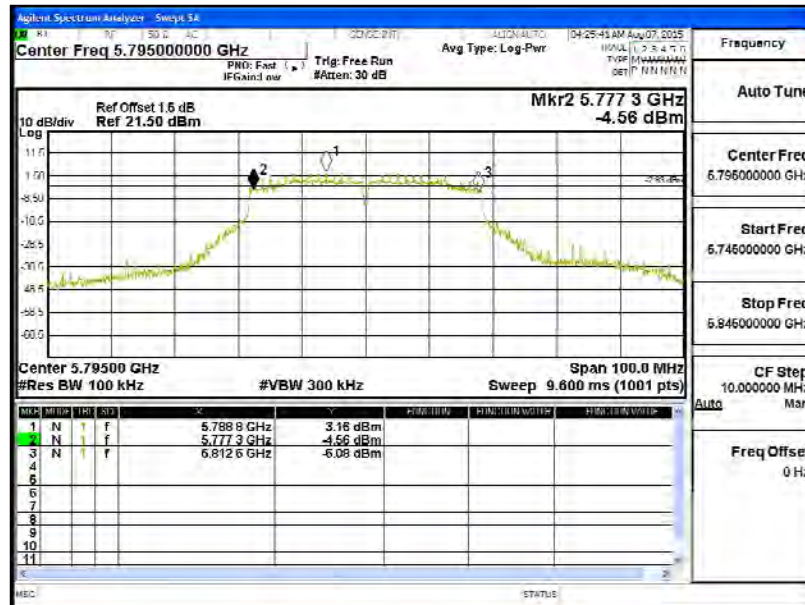
Figure Channel 151: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5795MHz)

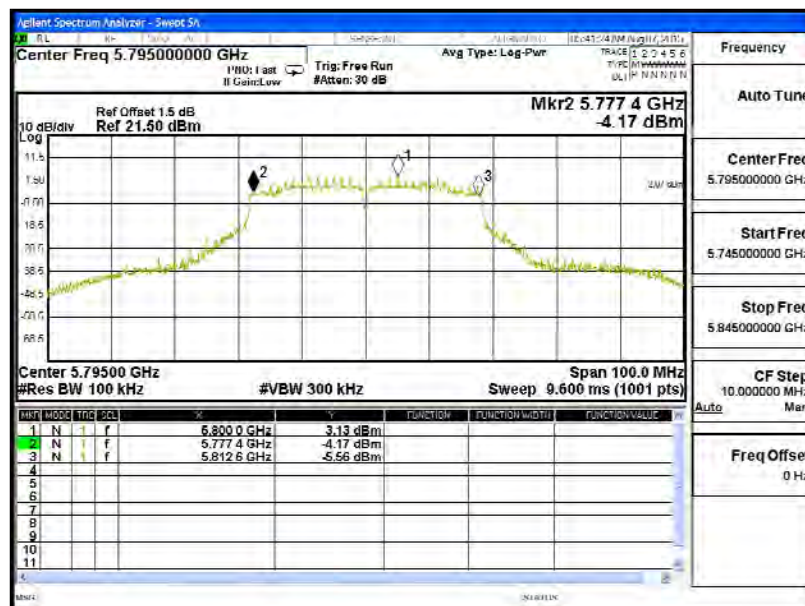
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	35300	>500	Pass

Figure Channel 159: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	35200	>500	Pass

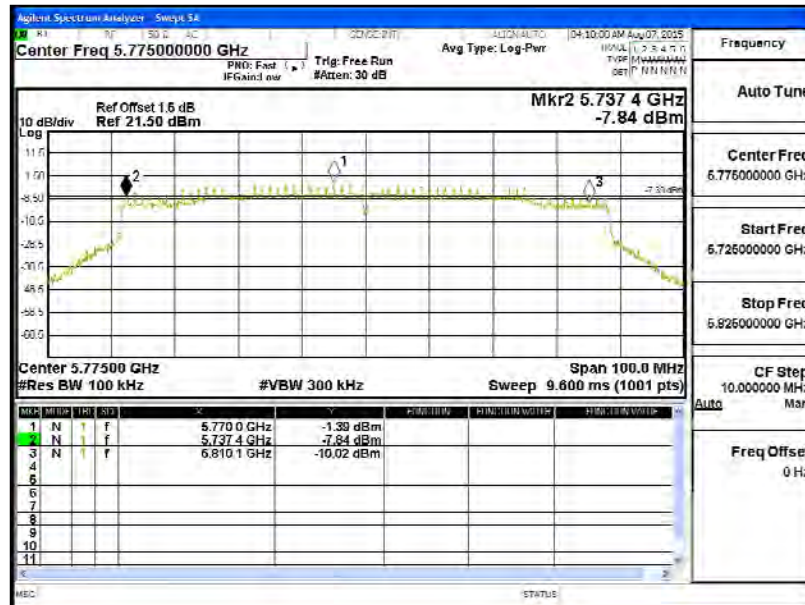
Figure Channel 159: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

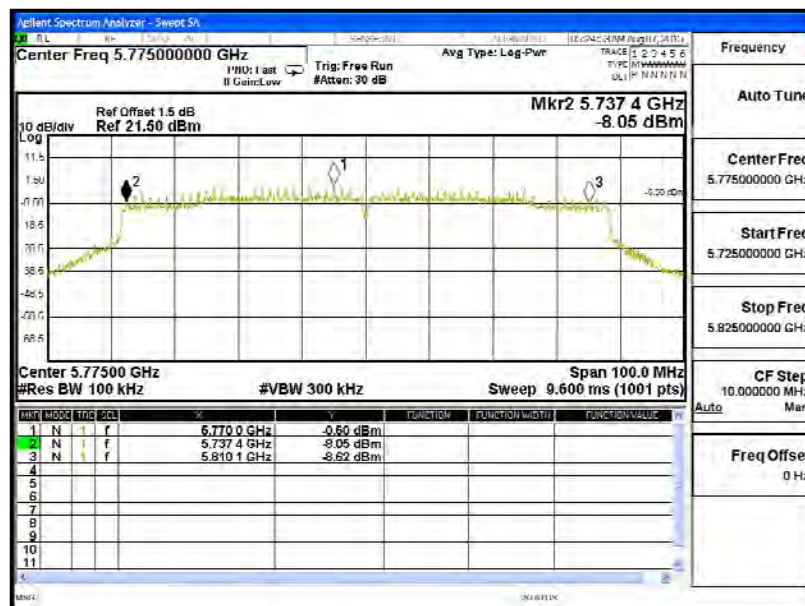
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	72700	>500	Pass

Figure Channel 155: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	72700	>500	Pass

Figure Channel 155: (Chain B)



8. Frequency Stability

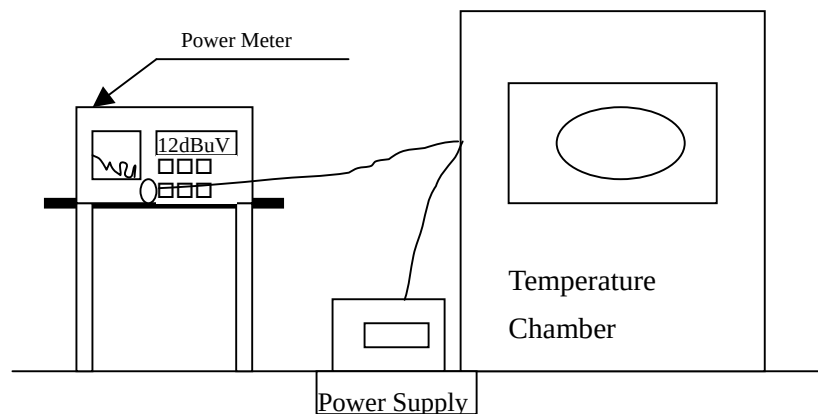
8.1. Test Equipment

	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

Chain A

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	ΔF (MHz)
Tnom (20) °C	Vnom (110)V	149	5745.0000	5745.6500	-0.6500
		151	5755.0000	5755.0077	-0.0077
		157	5785.0000	5785.0088	-0.0088
		159	5795.0000	5795.0084	-0.0084
		165	5825.0000	5825.0088	-0.0088
Tmax (70) °C	Vmax (126.5)V	149	5745.0000	5745.6500	-0.6500
		151	5755.0000	5755.0077	-0.0077
		157	5785.0000	5785.0088	-0.0088
		159	5795.0000	5795.0084	-0.0084
		165	5825.0000	5825.0088	-0.0088
Tmax (70) °C	Vmin (93.5)V	149	5745.0000	5745.6500	-0.6500
		151	5755.0000	5755.0077	-0.0077
		157	5785.0000	5785.0088	-0.0088
		159	5795.0000	5795.0084	-0.0084
		165	5825.0000	5825.0088	-0.0088
Tmin (-10) °C	Vmax (126.5)V	149	5745.0000	5745.6500	-0.6500
		151	5755.0000	5755.0077	-0.0077
		157	5785.0000	5785.0088	-0.0088
		159	5795.0000	5795.0084	-0.0084
		165	5825.0000	5825.0088	-0.0088
Tmin (-10) °C	Vmin (93.5)V	149	5745.0000	5745.6500	-0.6500
		151	5755.0000	5755.0077	-0.0077
		157	5785.0000	5785.0088	-0.0088
		159	5795.0000	5795.0084	-0.0084
		165	5825.0000	5825.0088	-0.0088

Chain B

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	ΔF (MHz)
Tnom (20) °C	Vnom (110)V	149	5745.0000	5745.6300	-0.6300
		151	5755.0000	5755.0075	-0.0075
		157	5785.0000	5785.0084	-0.0084
		159	5795.0000	5795.0080	-0.0080
		165	5825.0000	5825.0087	-0.0087
Tmax (70) °C	Vmax (126.5)V	149	5745.0000	5745.6300	-0.6300
		151	5755.0000	5755.0075	-0.0075
		157	5785.0000	5785.0084	-0.0084
		159	5795.0000	5795.0080	-0.0080
		165	5825.0000	5825.0087	-0.0087
Tmax (70) °C	Vmin (93.5)V	149	5745.0000	5745.6300	-0.6300
		151	5755.0000	5755.0075	-0.0075
		157	5785.0000	5785.0084	-0.0084
		159	5795.0000	5795.0080	-0.0080
		165	5825.0000	5825.0087	-0.0087
Tmin (-10) °C	Vmax (126.5)V	149	5745.0000	5745.6300	-0.6300
		151	5755.0000	5755.0075	-0.0075
		157	5785.0000	5785.0084	-0.0084
		159	5795.0000	5795.0080	-0.0080
		165	5825.0000	5825.0087	-0.0087
Tmin (-10) °C	Vmin (93.5)V	149	5745.0000	5745.6300	-0.6300
		151	5755.0000	5755.0075	-0.0075
		157	5785.0000	5785.0084	-0.0084
		159	5795.0000	5795.0080	-0.0080
		165	5825.0000	5825.0087	-0.0087

9. EMI Reduction Method During Compliance Testing

No modification was made during testing.