FCC Test Report
(Class II Permissive Change)

Product Name	Intel® Dual Band Wireless-AC 7265
Model No	7265NGW
FCC ID	MSQ7265NG

Applicant	ASUSTeK COMPUTER INC.
Address	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt	Sep. 01, 2016
Issued Date	Oct. 11, 2016
Report No.	1690075R-RFUSP69V00
Report Version	V1.0

Testing Laboratory
3023

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 report of the equipment and evaluated measurement uncertainty herein.
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Test Report

Issued Date: Oct. 11, 2016
Report No.: 1690075R-RFUSP69V00

Product Name	Intel® Dual Band Wireless-AC 7265
Applicant	ASUSTeK COMPUTER INC.
Address	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	Intel Mobile Communications
Model No.	7265NGW
FCC ID.	MSQ7265NG
EUT Rated Voltage	DC 3.3V by host
EUT Test Voltage	AC 120V/60Hz
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart E: 2015 ANSI C63.4: 2014, ANSI C63.10: 2013 789033 D02 General UNII Test Procedures New Rules v01r03
Test Result	Complied

Documented By : Jinn Chen

(Senior Adm. Specialist / Jinn Chen)

Tested By : Yulin Chen

(Engineer / Yulin Chen)

Approved By :

(Director / Vincent Lin)

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Attachment 1: EUT Test Photographs
Attachment 2: EUT Detailed Photographs

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Dual Band Wireless-AC 7265
Trade Name	Intel
FCC ID.	MSQ7265NG
Model No.	7265NGW
Frequency Range	802.11a/n-20MHz: 5180-5320MHz, 5500-5700MHz, 5745-5825MHz 802.11n-40MHz: 5190-5310, 5510-5670MHz, 5755-5795MHz 802.11ac-20MHz: 5720MHz, 802.11ac-40MHz: 5710MHz 802.11ac-80MHz: 5210-5290MHz, 5530-5690MHz, 5775MHz
Number of Channels	802.11a/n-20MHz: 24; 802.11n-40MHz: 11 802.11ac-20MHz: 1, 802.11ac-40MHz: 1, 802.11ac-80MHz: 6
Data Rate	802.11a: 6 - 54Mbps 802.11n: up to 300Mbps 802.11ac-80MHz: up to 866.7MHz
Type of Modulation	802.11a/n/ac:OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna type	PIFA Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”
Power Adapter	MFR: ASUS, M/N: ADP-45EW B Input: AC 100-240V~ 50/60Hz, 1.2A Output: 5V⎓2A, 12V⎓2A, 20V⎓2.25A Cable Out: Shielded, 2.5m
Test Platform.	Brand Name: ASUS, M/N: C302C

Antenna List:

No.	Manufacturer	Part No.(Vendor)	Part No.(ASUS)	Antenna type	Peak Gain(PAD mode)
1	ACON (For:NB)	ANF6Y-100024 (Main) ANF6Y-100025 (Aux)	14008-02030200(Main) 14008-02030300(Aux)	PIFA Antenna	-1.69dBi in 2.4GHz -4.27dBi for 5.15~5.25GHz -0.88dBi for 5.25~5.35GHz -1.43dBi for 5.47~5.725GHz -1.69dBi For 5.725~5.850GHz
	ACON (For:PAD)	ANF6Y-100024 (Main) ANF6Y-100025 (Aux)	14008-02030200(Main) 14008-02030300(Aux)	PIFA Antenna	-1.26dBi in 2.4GHz -3.23dBi for 5.15~5.25GHz -1.27dBi for 5.25~5.35GHz -1.19dBi for 5.47~5.725GHz -2.21dBi For 5.725~5.850GHz
2	INPAQ (For:NB)	WA-F-LB-02-086 (Main) WA-F-LB-01-039 (Aux)	14008-02030000(Main) 14008-02030100(Aux)	PIFA Antenna	-1.8dBi in 2.4GHz -4.3dBi for 5.15~5.25GHz -0.9dBi for 5.25~5.35GHz -1.5dBi for 5.47~5.725GHz -2.2dBi For 5.725~5.850GHz
	INPAQ (For:PAD)	WA-F-LB-02-086 (Main) WA-F-LB-01-039 (Aux)	14008-02030000(Main) 14008-02030100(Aux)	PIFA Antenna	-2.4dBi in 2.4GHz -3.3dBi for 5.15~5.25GHz -3.7dBi for 5.25~5.35GHz -2.3dBi for 5.47~5.725GHz -2.3dBi For 5.725~5.850GHz

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

2. Only the higher gain antenna was tested and recorded in this report.

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

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

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

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

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

Channel	Frequency
Channel 155:	5775 MHz

Note:

1. This device is a Intel® Dual Band Wireless-AC 7265 with a built-in 802.11a/b/g/n/ac WLAN and Bluetooth transceiver. this report for 5G WLAN.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
4. 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.
5. This is to request a Class II permissive change for FCC ID: MSQ7265NG, originally granted on 10/20/2014
   The major change filed under this application is:
   Change #1: Additional Chassis added, ASUSTeK, model number : C302C notebook/tablet.
   #2: The UNII Band 1, Band 2a, Band 2c and Band 3 previously authorized under “Old Rules”, a Class II permissive change filing to demonstrate compliance with the “New Rules”, all other hardware and output power is identical with original granted.This change is for the UNII Band 3 previously granted under rule parts of 15.247 and is now applying for approval under 15.407(b)(4)(i).
   #3: Reduce the Output Power through firmware, and SAR measurement were evaluated. (only reduce the PAD mode Wi-Fi Output Power, the NB mode Wi-Fi Output Power & Bluetooth Output Power haven't changed).
   #4: Addition two antennas, the antenna type is same, the antenna gain is lower than the original application.

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)

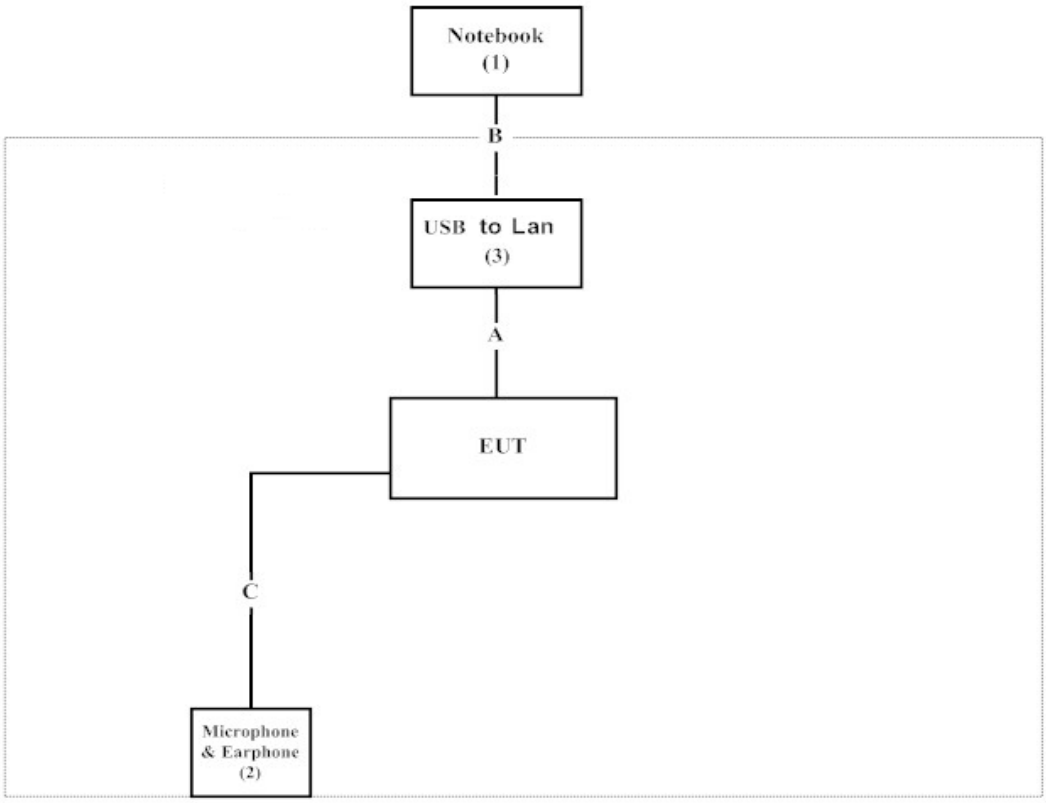
1.3. Tested System Datails

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	ASUS	X550JF	F1NTCV001141050	Shielded, 1.8m
2	Microphone & Earphone	Ergotech	E201	N/A	N/A
3	USB to Lan	Esense	01-RJU166	N/A	N/A

Signal Cable Type		Signal cable Description
A	Type C to USB Cable	Shielded, 1m
B	LAN Cable	Non-Shielded, 2m
C	Earphone Cable	Non-Shielded, 1.2m

1.4. Configuration of tested System



1.5. EUT Exercise Software

(1) Setup the EUT as shown on 1.4

(2) Execute “DRTU V1.7.7 -02293” program on the EUT.

(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

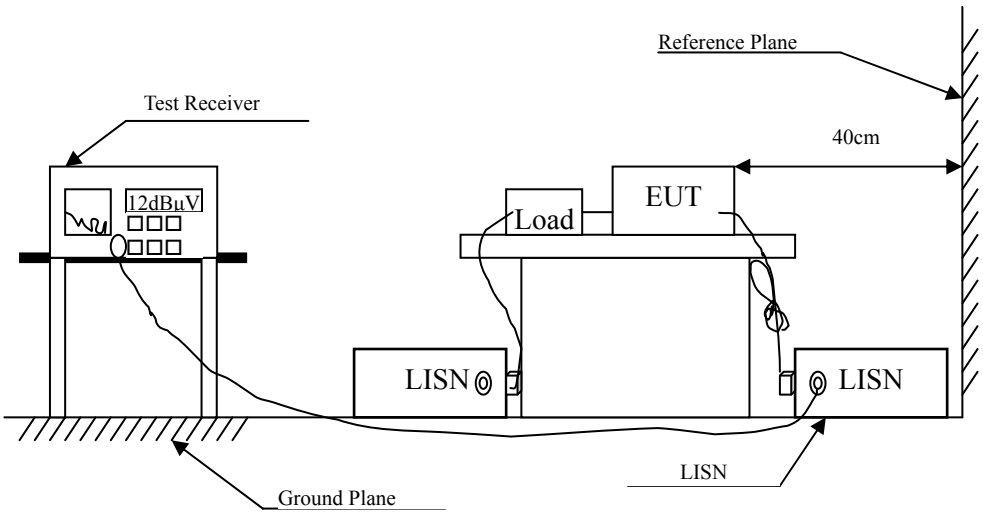
2.1. Test Equipment

	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
X	Test Receiver	R & S	ESCS 30 / 825442/018	Sep., 2016	
X	Artificial Mains Network	R & S	ENV4200 / 848411/10	Feb., 2016	Peripherals
X	LISN	R & S	ESH3-Z5 / 825562/002	Feb., 2016	EUT
	DC LISN	Schwarzbeck	8226 / 176	Mar., 2016	EUT
X	Pulse Limiter	R & S	ESH3-Z2 / 357.8810.52	Feb., 2016	
	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 (dBµV) 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 invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.
The EUT was setup to ANSI C63.4, 2014; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

2.5. Uncertainty

± 2.26 dB

2.6. Test Result of Conducted Emission

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)(5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBµV	Measurement Level dBµV	Margin dB	Limit dBµV
LINE 1					
Quasi-Peak					
0.161	9.704	36.618	46.322	-19.364	65.686
0.478	9.733	30.045	39.778	-16.851	56.629
3.368	9.828	24.012	33.840	-22.160	56.000
9.595	9.994	20.712	30.706	-29.294	60.000
12.275	10.038	12.517	22.555	-37.445	60.000
20.602	10.136	6.769	16.905	-43.095	60.000
Average					
0.161	9.704	20.499	30.203	-25.483	55.686
0.478	9.733	19.310	29.044	-17.585	46.629
3.368	9.828	12.084	21.913	-24.087	46.000
9.595	9.994	15.631	25.626	-24.374	50.000
12.275	10.038	7.825	17.863	-32.137	50.000
20.602	10.136	0.361	10.497	-39.503	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 7265
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)(5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBµV	Measurement Level dBµV	Margin dB	Limit dBµV
LINE 2					
Quasi-Peak					
0.166	9.696	35.658	45.354	-20.189	65.543
0.478	9.725	25.015	34.740	-21.889	56.629
3.439	9.843	18.177	28.021	-27.979	56.000
9.496	9.981	11.493	21.474	-38.526	60.000
13.193	10.058	9.402	19.460	-40.540	60.000
24.576	10.212	21.736	31.948	-28.052	60.000
Average					
0.166	9.696	18.991	28.687	-26.856	55.543
0.478	9.725	17.371	27.095	-19.534	46.629
3.439	9.843	9.058	18.902	-27.098	46.000
9.496	9.981	6.137	16.118	-33.882	50.000
13.193	10.058	4.946	15.004	-34.996	50.000
24.576	10.212	20.530	30.742	-19.258	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

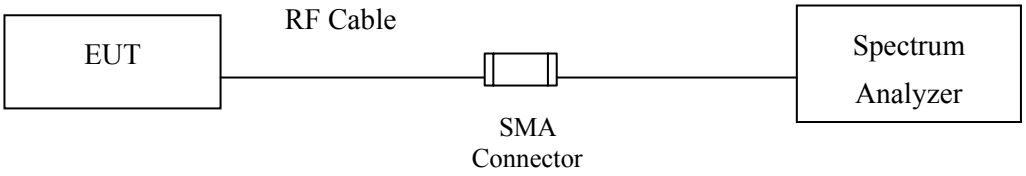
	Equipment	Manufacturer	Model No./Serial No.	Last Cal.	Due Cal.
X	Power Meter	Anritsu	ML2495A/6K00003357	May, 2016	May, 2017
X	Power Sensor	Anritsu	MA2411B/0738448	Jun., 2016	Jun., 2017
X	Spectrum Analyzer	R & S	FSV30 / 103464	Dec., 2015	Dec., 2016

Note:

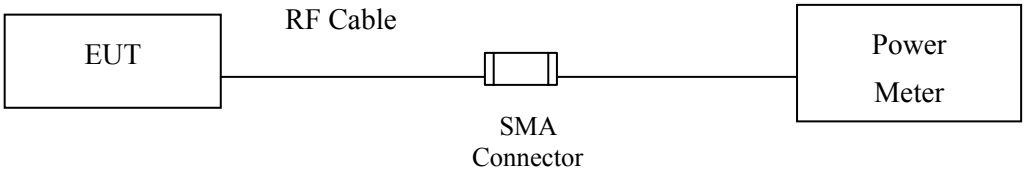
1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with "X" are used to measure the final test results.

3.2. Test Setup

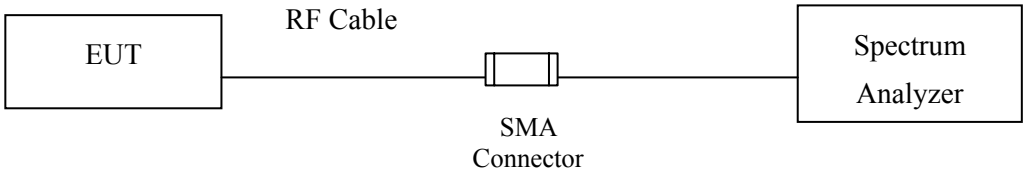
99% Occupied Bandwidth



Conduction Power Measurement (for 802.11an)



Conduction Power Measurement (for 802.11ac)



3.3. Limits

3.3.1. For the band 5.15-5.25 GHz,

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-topoint U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.3. For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

3.4. Test Procedure

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

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

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

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

3.5. Uncertainty

± 1.27 dB

3.6. Test Result of Maximum conducted output power

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.3
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
		Measurement Level (dBm)								
149	5745	15.52	--	--	--	--	--	--	--	<30dBm
157	5785	15.57	15.49	15.42	15.34	15.27	15.19	15.12	15.04	<30dBm
165	5825	15.58	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
149	5745	--	15.52	30	--
157	5785	--	15.57	30	--
165	5825	--	15.58	30	--

Note: Power Output Value =Reading value on average power meter + cable loss

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.3
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps)

Cable loss=1.5dB		Average 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	15.38	--	--	--	--	--	--	--	<30dBm
157	5785	15.50	15.43	15.32	15.24	15.15	15.06	14.98	14.88	<30dBm
165	5825	15.48	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
149	5745	--	15.38	30	--
157	5785	--	15.50	30	--
165	5825	--	15.48	30	--

Note: Power Output Value =Reading value on average power meter + cable loss

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.3
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		15	30	45	60	90	120	135	150	
		Measurement Level (dBm)								
151	5755	16.53	16.44	16.38	16.30	16.20	16.15	16.10	16.00	<30dBm
159	5795	16.55	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
151	5755	--	16.53	30	--
159	5795	--	16.55	30	--

Note: Power Output Value =Reading value on average power meter + cable loss

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.3
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
155	5775	16.11	16.02	15.95	15.87	15.79	15.71	15.63	15.55	15.47	15.39	<30dBm

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

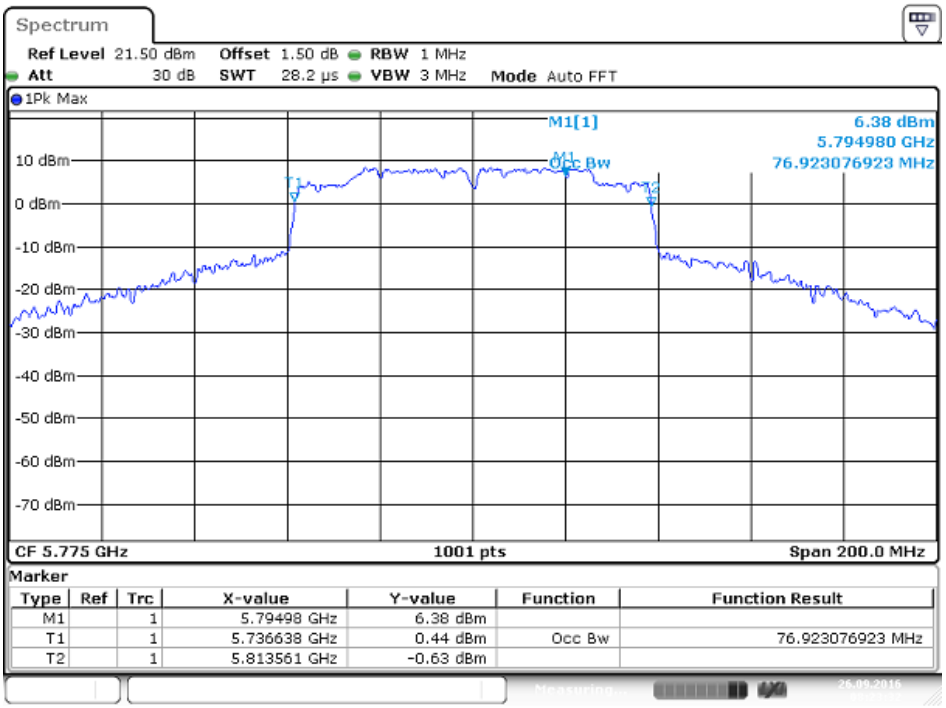
Maximum conducted output power Measurement:

Channel No	Frequency Range	99% Bandwidth	Output Power	Output Power Limit		Result
	(MHz)	(MHz)	(dBm)	(dBm)	dBm+10log(BW)	
155	5775	--	16.11	30	--	Pass

Note: Power Output Value =Reading value on average Spectrum Analyzer + cable loss

99% Occupied Bandwidth:

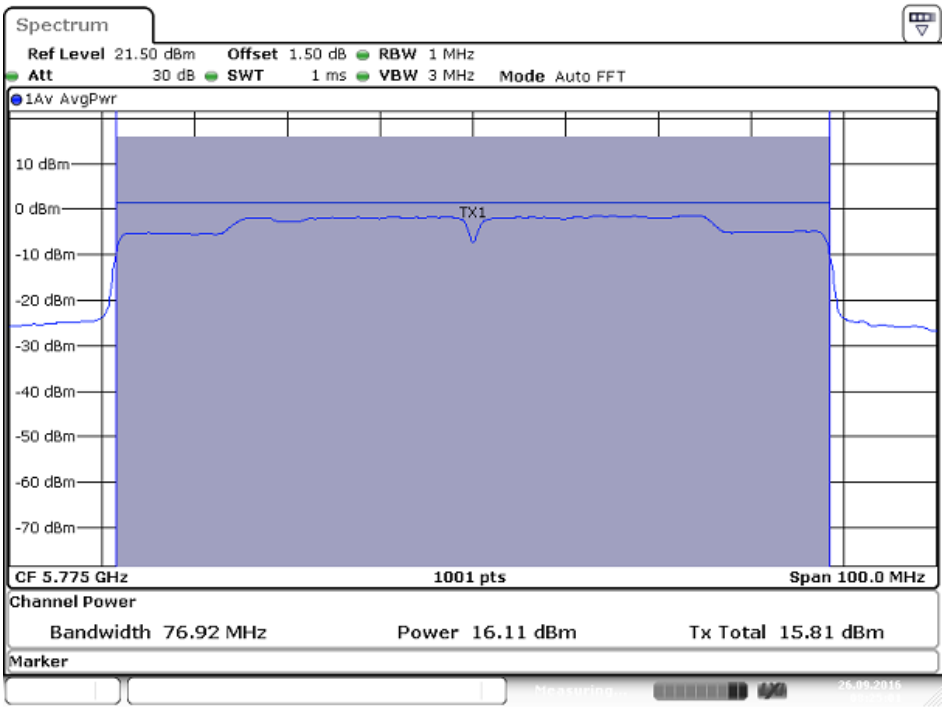
Channel 155



Date: 26.SEP.2016 08:23:32

Maximum conducted output power:

Channel 155



Date: 26.SEP.2016 08:25:02

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.3
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6	9	12	18	24	36	48	54	
		Measurement Level (dBm)								
149	5745	15.07	--	--	--	--	--	--	--	<30dBm
157	5785	14.99	14.92	14.84	14.77	14.69	14.62	14.54	14.47	<30dBm
165	5825	14.95	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
149	5745	--	15.07	30	--
157	5785	--	14.99	30	--
165	5825	--	14.95	30	--

Note: Power Output Value =Reading value on average power meter + cable loss.

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.3
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps)

Cable loss=1.5dB		Average 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	14.91	--	--	--	--	--	--	--	<30dBm
157	5785	14.88	14.81	14.72	14.64	14.56	14.48	14.40	14.32	<30dBm
165	5825	14.91	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
149	5745	--	14.91	30	--
157	5785	--	14.88	30	--
165	5825	--	14.91	30	--

Note: Power Output Value =Reading value on average power meter + cable loss

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.3
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps)

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		15	30	45	60	90	120	135	150	
		Measurement Level (dBm)								
151	5755	16.38	16.29	16.22	16.14	16.06	15.98	15.89	15.82	<30dBm
159	5795	16.64	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
151	5755	--	16.38	30	--
159	5795	--	16.64	30	--

Note: Power Output Value =Reading value on average power meter + cable loss

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.3
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
155	5775	16.59	16.50	16.43	16.35	16.27	16.19	16.11	16.03	15.95	15.87	<30dBm

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

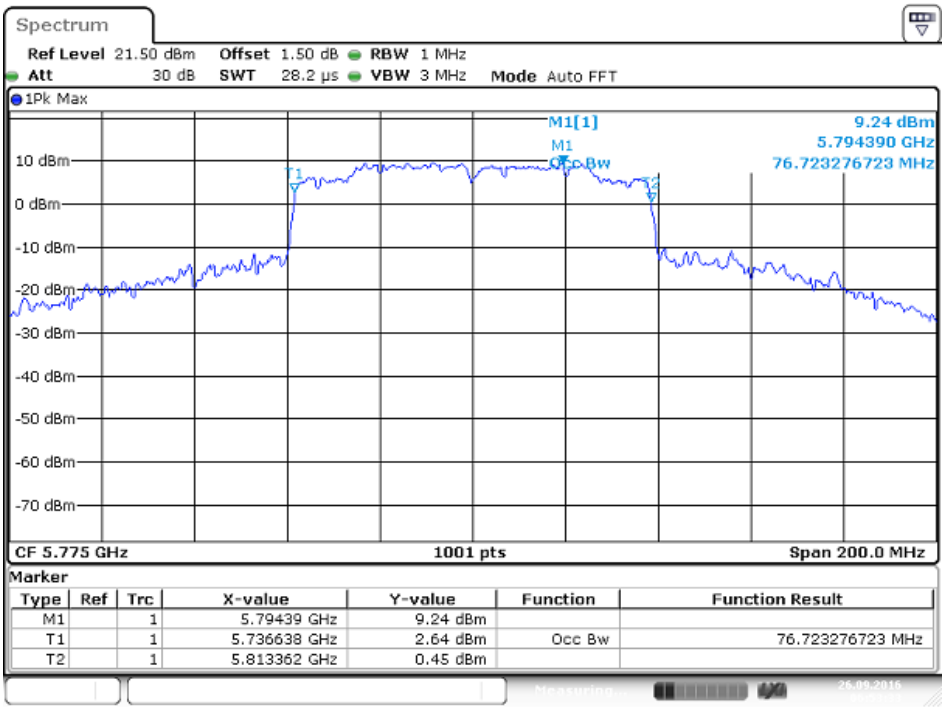
Maximum conducted output power Measurement:

Channel No	Frequency Range	99% Bandwidth	Output Power	Output Power Limit		Result
	(MHz)	(MHz)	(dBm)	(dBm)	dBm+10log(BW)	
155	5775	--	16.59	30	--	Pass

Note: Power Output Value =Reading value on average Spectrum Analyzer + cable loss

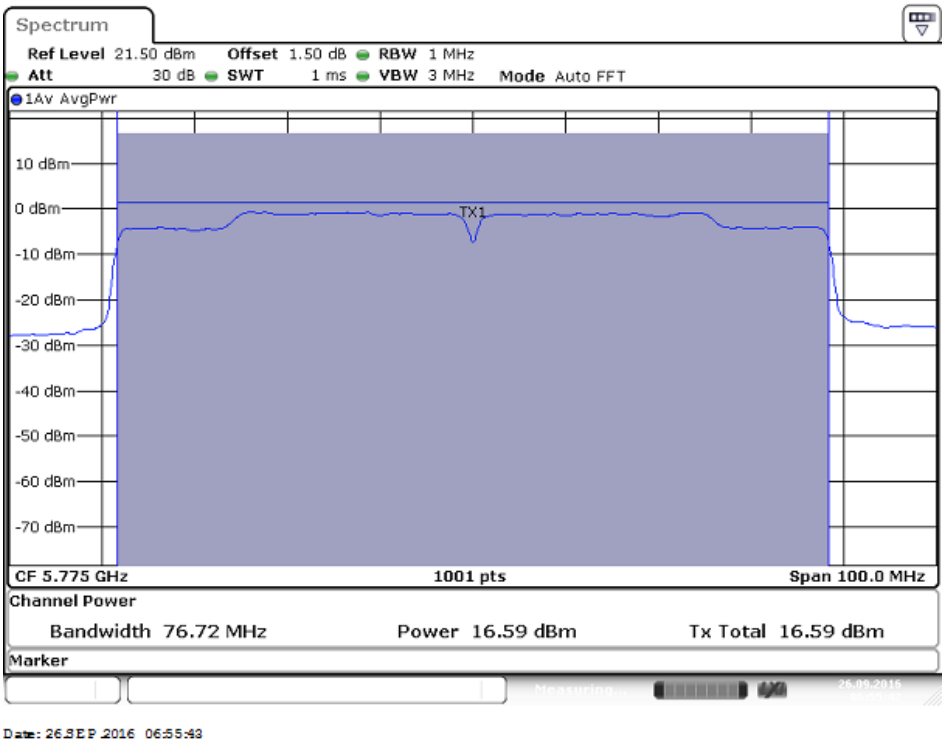
99% Occupied Bandwidth:

Channel 155



Maximum conducted output power:

Channel 155



Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Maximum conducted output power
Test Site	:	No.3 OATS
Test date	:	2016.10.5
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)

Chain A

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130.0	144.4	
		Measurement Level (dBm)								
149	5745	13.51	--	--	--	--	--	--	--	<30dBm
157	5785	13.28	13.19	13.11	13.02	12.94	12.85	12.77	12.68	<30dBm
165	5825	13.55	--	--	--	--	--	--	--	<30dBm

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

Chain B

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		14.4	28.9	43.3	57.8	86.7	115.6	130.0	144.4	
		Measurement Level (dBm)								
149	5745	12.98	--	--	--	--	--	--	--	<30dBm
157	5785	13.19	13.12	13.04	12.97	12.89	12.82	12.74	12.67	<30dBm
165	5825	13.61	--	--	--	--	--	--	--	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
149	5745	--	13.51	12.98	16.26	30	--
157	5785	--	13.28	13.19	16.25	30	--
165	5825	--	13.55	13.61	16.59	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))
3. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.5
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps)

Chain A

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	16.39	--	--	--	--	--	--	--	<30dBm
159	5795	16.31	16.22	16.15	16.07	15.99	15.91	15.83	15.75	<30dBm

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

Chain B

Cable loss=1.5dB		Average Power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
151	5755	16.67	--	--	--	--	--	--	--	<30dBm
159	5795	16.32	16.25	16.14	16.06	15.97	15.88	15.79	15.70	<30dBm

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

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
151	5755	--	16.39	16.67	19.54	30	--
159	5795	--	16.31	16.32	19.33	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))
3. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Product : Intel® Dual Band Wireless-AC 7265
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2016.10.5
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)

Chain A

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
155	5775	16.50	16.41	16.34	16.26	16.18	16.10	16.02	15.94	15.86	15.78	<30dBm

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

Chain B

Cable loss=1.5dB		Average Power										
Channel No	Frequency (MHz)	Data Rate (Mbps)										Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	VTH9	
155	5775	16.53	16.46	16.38	16.31	16.23	16.16	16.08	16.01	15.93	15.86	<30dBm

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

Maximum conducted output power Measurement:

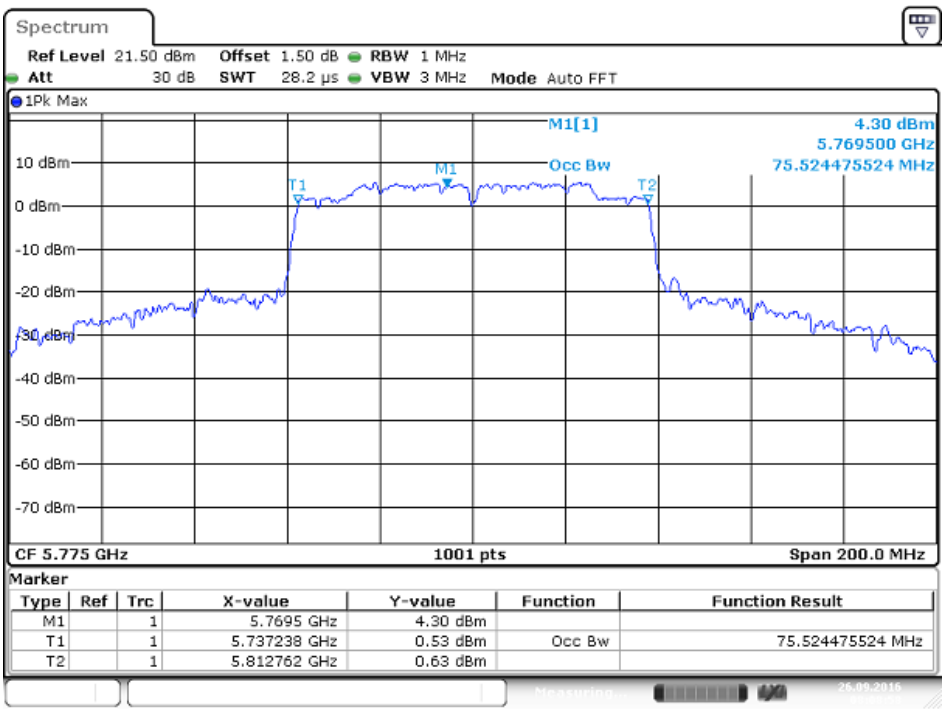
Channel No	Frequency Range	99% Bandwidth	Chain A Power	Chain B Power	Output Power	Output Power Limit		Result
	(MHz)	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	dBm+10log(BW)	
155	5775	--	16.50	16.53	19.53	30	--	Pass

Note:

1. Power Output Value =Reading value on average Spectrum Analyzer + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

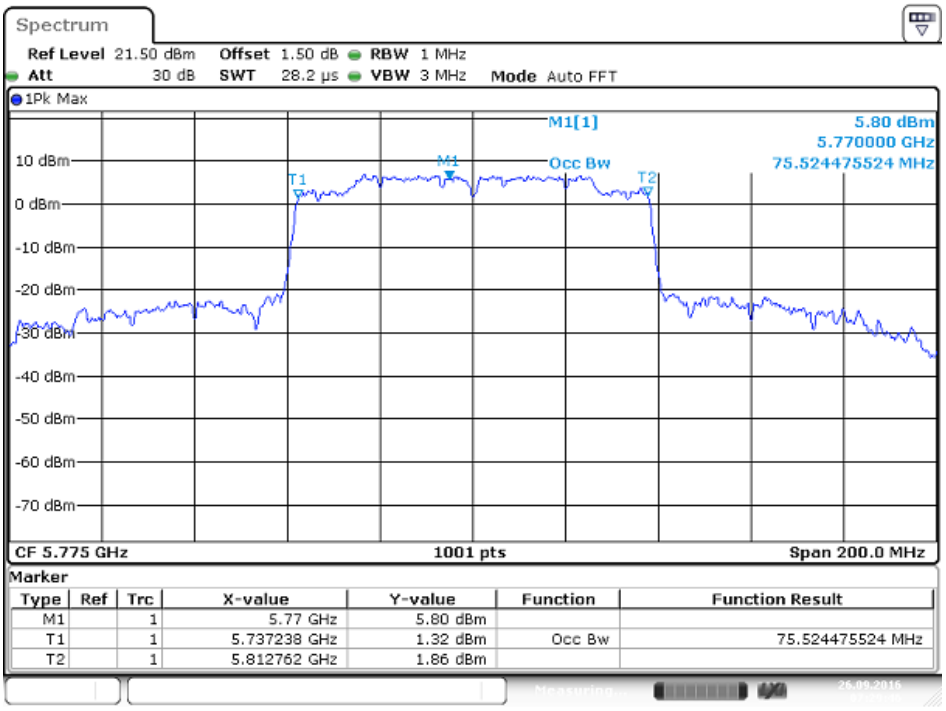
99% Occupied Bandwidth:

Channel 155 – Chain A



Date: 26.SEP.2016 08:08:58

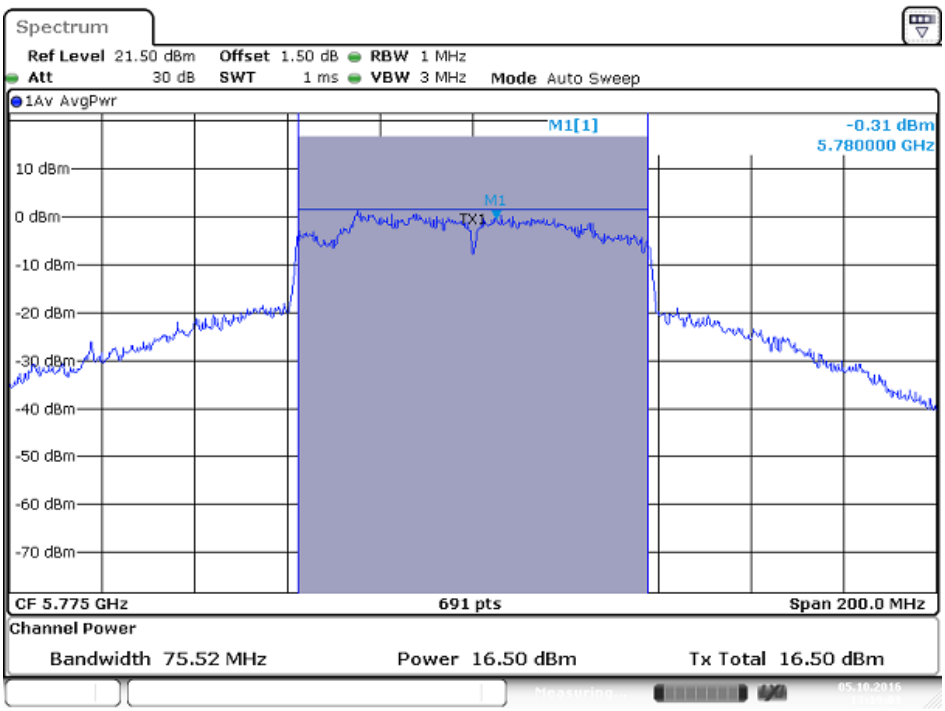
Channel 155 – Chain B



Date: 26.SEP.2016 07:29:46

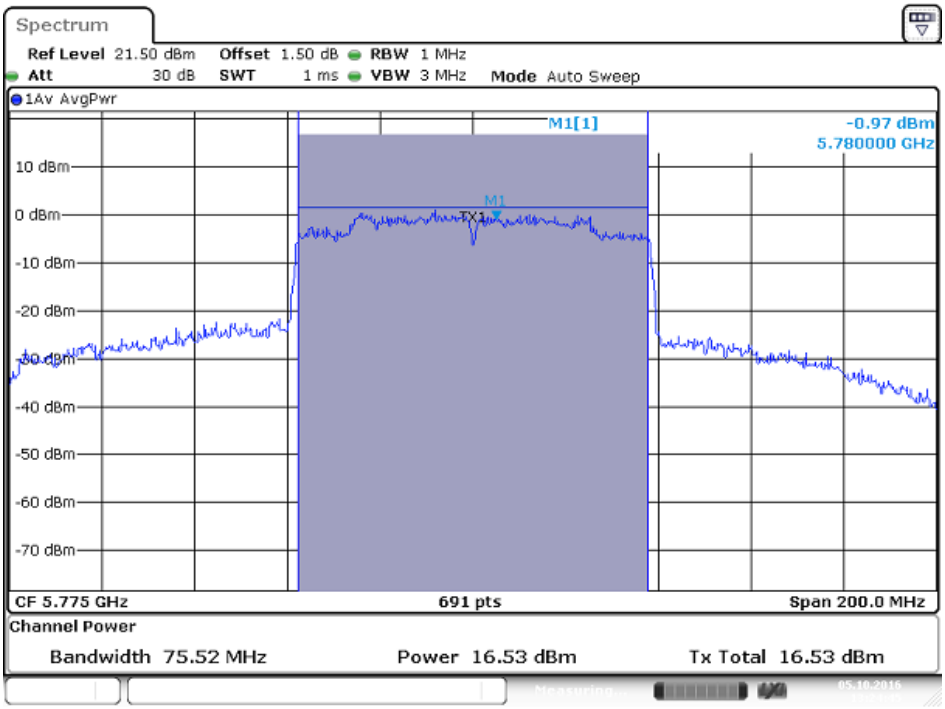
Maximum conducted output power:

Channel 155 – Chain A



Date: 5.OCT.2016 13:19:08

Channel 155 – Chain B



Date: 5.OCT.2016 13:24:46

4. Radiated Emission

4.1. Test Equipment

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

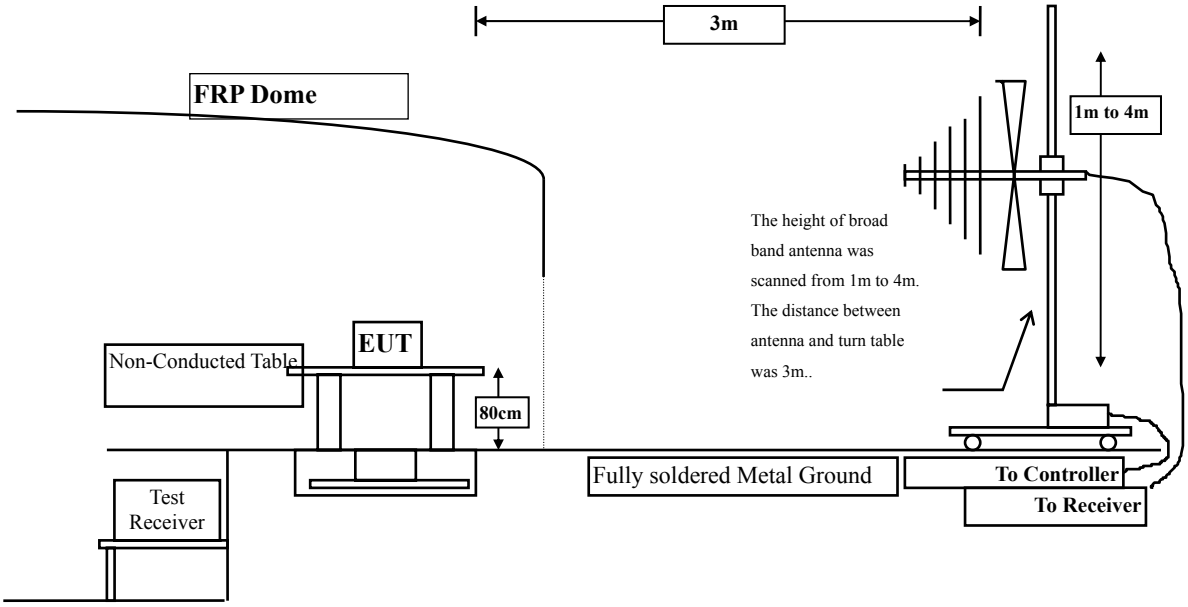
Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.	Due Cal.
☒Site # 3	X	Magnetic Loop Antenna	Teseq	HLA6121/ 37133	Sep, 2016	Sep, 2017
	X	Bilog Antenna	Schaffner Chase	CBL6112B/ 2707	Jun, 2016	Jun, 2017
	X	EMI Test Receiver	R&S	ESCS 30/838251/ 001	Jun, 2016	Jun, 2017
	X	Coaxial Cable	QTK(Arnist)	RG 214/ LC003-RG	Jun, 2016	Jun, 2017
	X	Coaxial signal switch	Arnist	MP59B/ 6200798682	Jun, 2016	Jun, 2017

Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.	Due Cal.
☒CB # 8	X	Spectrum Analyzer	R&S	FSP40/ 100339	Oct, 2016	Oct, 2017
	X	Horn Antenna	ETS-Lindgren	3117/ 35205	Mar, 2016	Mar, 2017
	X	Horn Antenna	Schwarzbeck	BBHA9170/209	Jan, 2016	Jan, 2017
	X	Horn Antenna	TRC	AH-0801/95051	Aug, 2016	Aug, 2017
	X	Pre-Amplifier	EMCI	EMC012630SE/980210	Jan, 2016	Jan, 2017
	X	Pre-Amplifier	MITEQ	JS41-00104000-58-5P/153945	Jul, 2016	Jul, 2017
	X	Pre-Amplifier	NARDA	DBL-1840N506/013	Jul, 2016	Jul, 2017

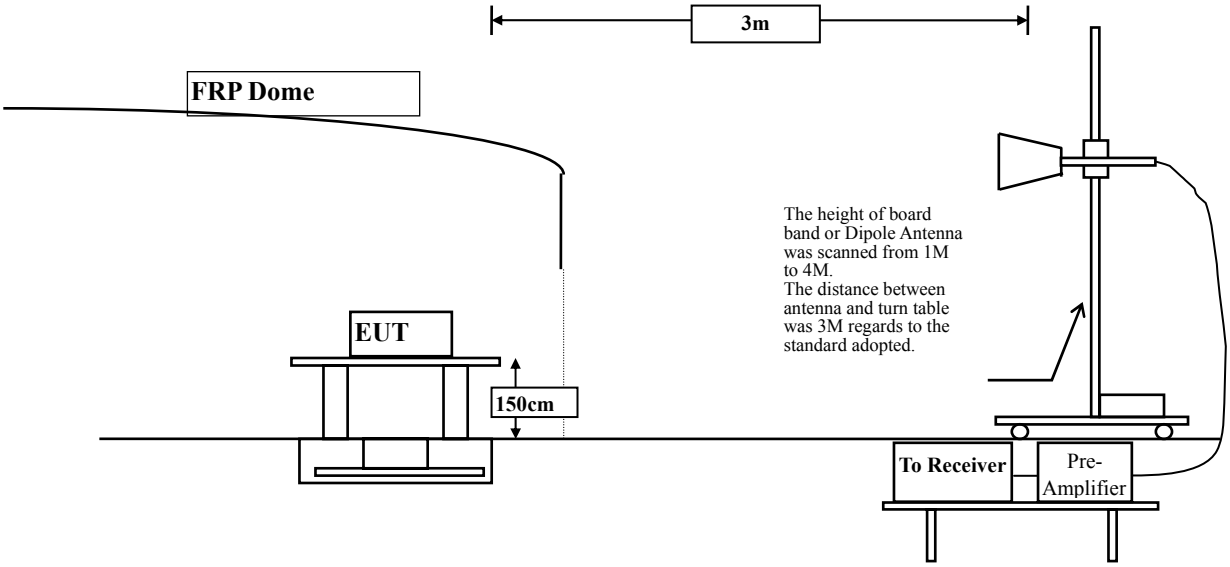
Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

4.2. Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



4.3. 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 (dBμV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

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

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

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

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

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

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

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

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

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

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

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

4.5. Uncertainty

± 3.8 dB below 1GHz

± 3.9 dB above 1GHz

4.6. Test Result of Radiated Emission

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.683	41.970	46.654	-27.346	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11490.000	4.683	42.020	46.704	-27.296	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.897	41.660	46.557	-27.443	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11570.000	4.897	42.500	47.397	-26.603	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	5.101	41.840	46.941	-27.059	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11650.000	5.101	42.190	47.291	-26.709	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.683	41.800	46.484	-27.516	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11490.000	4.683	40.840	45.524	-28.476	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
Test Mode	:	Mode 1 SISO A: 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	4.897	41.850	46.747	-27.253	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11570.000	4.897	40.850	45.747	-28.253	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	5.101	41.430	46.531	-27.469	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11650.000	5.101	40.850	45.951	-28.049	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.738	41.650	46.388	-27.612	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11510.000	4.738	41.780	46.518	-27.482	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
Test Mode	:	Mode 1 SISO A: 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	4.948	41.430	46.378	-27.622	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11590.000	4.948	42.300	47.248	-26.752	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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:					
11550.000	4.836	41.210	46.046	-27.954	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11550.000	4.836	40.810	45.646	-28.354	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.683	42.130	46.814	-27.186	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11490.000	4.683	41.760	46.444	-27.556	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.897	41.280	46.177	-27.823	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11570.000	4.897	41.390	46.287	-27.713	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	5.101	41.000	46.101	-27.899	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11650.000	5.101	41.550	46.651	-27.349	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
Test Mode	:	Mode 2 SISO B: 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	4.683	41.550	46.234	-27.766	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11490.000	4.683	41.810	46.494	-27.506	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.897	41.200	46.097	-27.903	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11570.000	4.897	40.530	45.427	-28.573	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	5.101	40.850	45.951	-28.049	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11650.000	5.101	40.790	45.891	-28.109	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.738	41.140	45.878	-28.122	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11510.000	4.738	41.240	45.978	-28.022	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.948	41.160	46.108	-27.892	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11590.000	4.948	41.180	46.128	-27.872	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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:					
11550.000	4.836	41.120	45.956	-28.044	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11550.000	4.836	41.380	46.216	-27.784	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.683	41.260	45.944	-28.056	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11490.000	4.683	42.080	46.764	-27.236	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	4.897	40.880	45.777	-28.223	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11570.000	4.897	40.880	45.777	-28.223	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.29
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	5.101	40.910	46.011	-27.989	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11650.000	5.101	41.690	46.791	-27.209	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.30
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	4.738	41.830	46.568	-27.432	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11510.000	4.738	40.970	45.708	-28.292	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.30
Test Mode	:	Mode 3 MIMO: 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	4.948	41.520	46.468	-27.532	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11590.000	4.948	41.690	46.638	-27.362	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	CB8
Test date	:	2016.9.30
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:					
11550.000	4.836	41.060	45.896	-28.104	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11550.000	4.836	40.960	45.796	-28.204	74.000
Average Detector:					
--	--	--	--	--	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.

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	General Radiated Emission
Test Site	:	No.3 OATS
Test date	:	2016.9.24
Test Mode	:	Mode 1 SISO A: 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					
139.652	-11.336	38.409	27.074	-16.426	43.500
295.696	-10.320	32.553	22.233	-23.767	46.000
474.232	-6.248	27.393	21.144	-24.856	46.000
682.290	-2.721	22.807	20.086	-25.914	46.000
925.493	0.705	19.852	20.556	-25.444	46.000
987.348	1.457	24.158	25.616	-28.384	54.000
Vertical					
Peak Detector					
150.899	-10.916	36.877	25.961	-17.539	43.500
316.783	-9.784	31.803	22.019	-23.981	46.000
477.043	-6.207	26.006	19.800	-26.200	46.000
642.928	-3.289	20.790	17.501	-28.499	46.000
818.652	-0.770	22.466	21.695	-24.305	46.000
970.478	1.235	19.494	20.728	-33.272	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 7265
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2016.9.24
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
142.464	-11.211	36.364	25.152	-18.348	43.500
298.507	-10.227	31.929	21.702	-24.298	46.000
429.246	-7.112	31.967	24.855	-21.145	46.000
603.565	-3.608	19.922	16.313	-29.687	46.000
793.348	-1.122	20.089	18.967	-27.033	46.000
977.507	1.329	19.436	20.765	-33.235	54.000
Vertical					
Peak Detector					
164.957	-10.850	37.692	26.841	-16.659	43.500
316.783	-9.784	31.539	21.755	-24.245	46.000
454.551	-6.552	27.305	20.752	-25.248	46.000
614.812	-3.523	21.596	18.073	-27.927	46.000
806.000	-0.978	22.239	21.262	-24.738	46.000
990.159	1.494	22.001	23.495	-30.505	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 7265
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2016.9.24
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
149.493	-10.959	37.269	26.310	-17.190	43.500
292.884	-10.412	31.725	21.314	-24.686	46.000
429.246	-7.112	26.958	19.846	-26.154	46.000
617.623	-3.501	19.319	15.818	-30.182	46.000
776.478	-1.247	21.990	20.742	-25.258	46.000
978.913	1.348	29.160	30.508	-23.492	54.000
Vertical					
Peak Detector					
159.333	-10.697	38.547	27.849	-15.651	43.500
302.725	-10.115	32.963	22.849	-23.151	46.000
423.623	-7.242	25.663	18.421	-27.579	46.000
633.087	-3.373	22.738	19.366	-26.634	46.000
796.159	-1.101	17.415	16.314	-29.686	46.000
967.667	1.196	24.871	26.068	-27.932	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 7265
Test Item	:	General Radiated Emission
Test Site	:	No.3 OATS
Test date	:	2016.9.24
Test Mode	:	Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
193.072	-13.457	41.576	28.118	-15.382	43.500
360.362	-8.736	31.322	22.586	-23.414	46.000
545.928	-5.021	21.896	16.875	-29.125	46.000
682.290	-2.721	25.282	22.561	-23.439	46.000
827.087	-0.638	18.967	18.330	-27.670	46.000
939.551	0.856	24.383	25.239	-20.761	46.000
Vertical					
Peak Detector					
164.957	-10.850	39.387	28.536	-14.964	43.500
353.333	-8.902	32.529	23.627	-22.373	46.000
481.261	-6.141	27.256	21.115	-24.885	46.000
641.522	-3.299	28.818	25.519	-20.481	46.000
800.377	-1.066	26.639	25.573	-20.427	46.000
984.536	1.422	28.077	29.499	-24.501	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 7265
Test Item	:	General Radiated Emission
Test Site	:	No.3 OATS
Test date	:	2016.9.24
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					
153.710	-10.842	35.872	25.030	-18.470	43.500
319.594	-9.716	30.824	21.108	-24.892	46.000
481.261	-6.141	28.308	22.167	-23.833	46.000
642.928	-3.289	20.446	17.157	-28.843	46.000
831.304	-0.571	22.035	21.464	-24.536	46.000
983.130	1.403	24.936	26.339	-27.661	54.000
Vertical					
Peak Detector					
179.014	-12.236	37.059	24.823	-18.677	43.500
257.739	-11.816	33.968	22.152	-23.848	46.000
403.942	-7.701	26.286	18.585	-27.415	46.000
590.913	-3.876	26.416	22.540	-23.460	46.000
791.942	-1.132	17.790	16.658	-29.342	46.000
969.072	1.216	21.843	23.059	-30.941	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 7265
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2016.9.24
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
160.739	-10.706	36.827	26.121	-17.379	43.500
311.159	-9.916	30.928	21.012	-24.988	46.000
451.739	-6.598	26.187	19.589	-26.411	46.000
597.942	-3.692	17.879	14.187	-31.813	46.000
813.029	-0.863	18.853	17.991	-28.009	46.000
977.507	1.329	25.131	26.460	-27.540	54.000
Vertical					
Peak Detector					
145.275	-11.110	37.815	26.705	-16.795	43.500
309.754	-9.949	30.461	20.512	-25.488	46.000
492.507	-5.970	22.235	16.265	-29.735	46.000
661.203	-3.058	17.738	14.680	-31.320	46.000
817.246	-0.795	21.487	20.693	-25.307	46.000
984.536	1.422	24.726	26.148	-27.852	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 7265
Test Item	:	General Radiated Emission
Test Site	:	No.3 OATS
Test date	:	2016.9.24
Test Mode	:	Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
171.986	-11.292	38.239	26.947	-16.553	43.500
311.159	-9.916	29.136	19.220	-26.780	46.000
460.174	-6.463	22.477	16.013	-29.987	46.000
640.116	-3.311	18.992	15.681	-30.319	46.000
811.623	-0.886	20.363	19.477	-26.523	46.000
983.130	1.403	24.512	25.915	-28.085	54.000
Vertical					
Peak Detector					
135.435	-11.739	38.143	26.405	-17.095	43.500
266.174	-11.396	32.015	20.618	-25.382	46.000
433.464	-7.013	23.684	16.670	-29.330	46.000
600.754	-3.633	20.593	16.961	-29.039	46.000
709.000	-2.262	22.505	20.243	-25.757	46.000
929.710	0.749	18.709	19.459	-26.541	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 7265
Test Item	:	General Radiated Emission
Test Site	:	No.3 OATS
Test date	:	2016.9.24
Test Mode	:	Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
127.000	-12.575	41.672	29.097	-14.403	43.500
309.754	-9.949	34.981	25.032	-20.968	46.000
458.768	-6.488	27.437	20.950	-25.050	46.000
652.768	-3.192	25.690	22.498	-23.502	46.000
818.652	-0.770	24.841	24.070	-21.930	46.000
987.348	1.457	26.924	28.382	-25.618	54.000
Vertical					
Peak Detector					
164.957	-10.850	39.711	28.860	-14.640	43.500
260.551	-11.750	33.697	21.947	-24.053	46.000
423.623	-7.242	24.131	16.889	-29.111	46.000
595.130	-3.766	23.658	19.892	-26.108	46.000
811.623	-0.886	24.427	23.541	-22.459	46.000
998.594	1.601	22.792	24.393	-29.607	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 7265
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2016.9.24
Test Mode : Mode 3 MIMO: 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					
163.551	-10.802	38.532	27.730	-15.770	43.500
290.072	-10.503	36.052	25.549	-20.451	46.000
425.029	-7.211	28.537	21.327	-24.673	46.000
588.101	-3.950	20.354	16.404	-29.596	46.000
766.638	-1.320	23.302	21.981	-24.019	46.000
969.072	1.216	26.677	27.893	-26.107	54.000
Vertical					
Peak Detector					
152.304	-10.879	37.414	26.535	-16.965	43.500
280.232	-10.727	29.552	18.825	-27.175	46.000
408.159	-7.602	26.883	19.281	-26.719	46.000
576.855	-4.243	22.254	18.010	-27.990	46.000
775.072	-1.258	17.801	16.543	-29.457	46.000
964.855	1.159	24.042	25.201	-28.799	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 7265
Test Item	:	General Radiated Emission
Test Site	:	No.3 OATS
Test date	:	2016.9.24
Test Mode	:	Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
149.493	-10.959	37.744	26.785	-16.715	43.500
325.217	-9.580	32.356	22.775	-23.225	46.000
439.087	-6.882	25.534	18.651	-27.349	46.000
642.928	-3.289	19.899	16.610	-29.390	46.000
798.971	-1.080	19.857	18.776	-27.224	46.000
980.319	1.367	23.776	25.143	-28.857	54.000
Vertical					
Peak Detector					
179.014	-12.236	39.135	26.899	-16.601	43.500
316.783	-9.784	31.669	21.885	-24.115	46.000
448.928	-6.650	26.750	20.099	-25.901	46.000
633.087	-3.373	19.960	16.588	-29.412	46.000
832.710	-0.549	22.400	21.851	-24.149	46.000
995.783	1.565	30.961	32.526	-21.474	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 7265
Test Item	:	General Radiated Emission
Test Site	:	No.3 OATS
Test date	:	2016.9.24
Test Mode	:	Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
Horizontal					
Peak Detector					
171.986	-11.292	40.417	29.125	-14.375	43.500
318.188	-9.751	34.026	24.276	-21.724	46.000
467.203	-6.356	22.007	15.651	-30.349	46.000
595.130	-3.766	22.381	18.615	-27.385	46.000
789.130	-1.153	21.055	19.902	-26.098	46.000
976.101	1.309	25.828	27.138	-26.862	54.000
Vertical					
Peak Detector					
159.333	-10.697	40.382	29.684	-13.816	43.500
280.232	-10.727	32.835	22.108	-23.892	46.000
437.681	-6.915	24.434	17.519	-28.481	46.000
624.652	-3.446	25.092	21.646	-24.354	46.000
789.130	-1.153	19.555	18.402	-27.598	46.000
970.478	1.235	25.713	26.947	-27.053	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.

5. Band Edge

5.1. Test Equipment

RF Conducted Measurement

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

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.	Due Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2016	Jun, 2017
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2016	Jun, 2017
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2016	Apr., 2017

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.

RF Radiated Measurement:

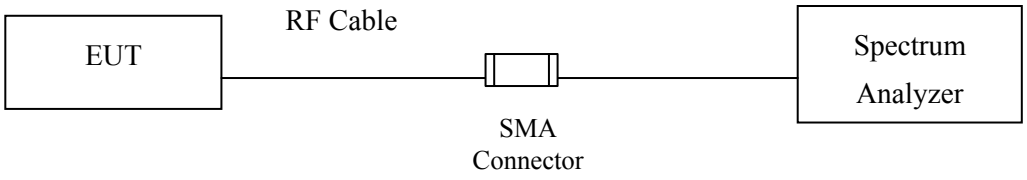
The following test equipments are used during the band edge tests:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.	Due Cal.
☒CB # 8	X	Spectrum Analyzer	R&S	FSP40/ 100339	Oct, 2016	Oct, 2017
	X	Horn Antenna	ETS-Lindgren	3117/ 35205	Mar, 2016	Mar, 2017
	X	Horn Antenna	Schwarzbeck	BBHA9170/209	Jan, 2016	Jan, 2017
	X	Horn Antenna	TRC	AH-0801/95051	Aug, 2016	Aug, 2017
	X	Pre-Amplifier	EMCI	EMC012630SE/980210	Jan, 2016	Jan, 2017
	X	Pre-Amplifier	MITEQ	JS41-001040000-58-5P/153945	Jul, 2016	Jul, 2017
	X	Pre-Amplifier	NARDA	DBL-1840N506/013	Jul, 2016	Jul, 2017

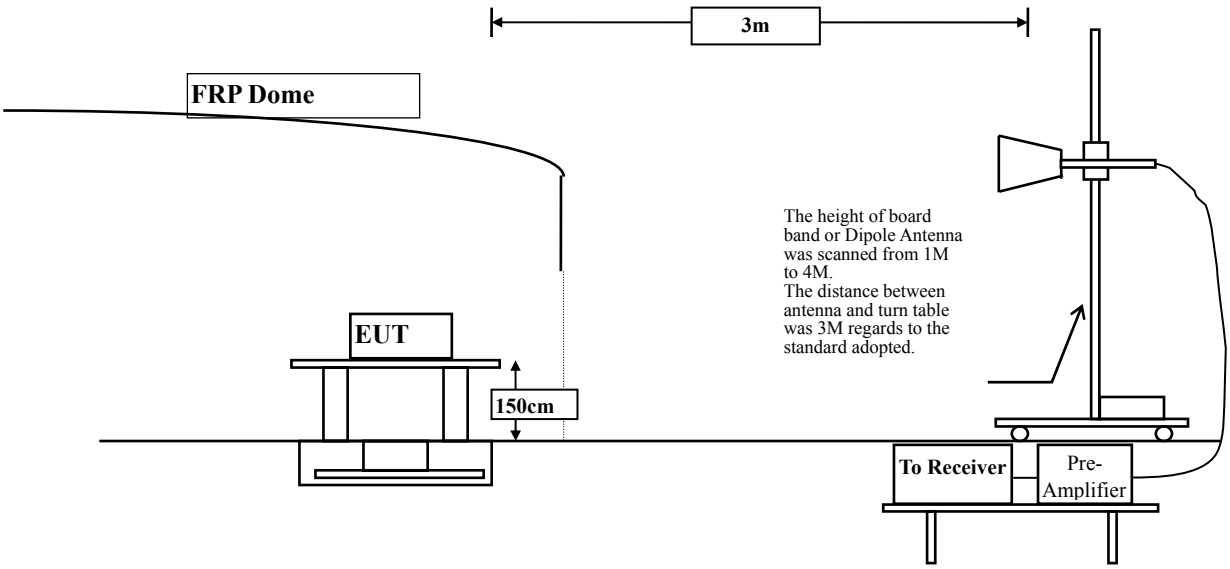
Note: 1. All instruments are calibrated every one year.
2. The test instruments marked by "X" are used to measure the final test results.

5.2. Test Setup

RF Conducted Measurement:



RF Radiated Measurement:



5.3. 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	dBμV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks : 1. RF Voltage (dBμV) = 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.

For transmitters operating in the 5.725-5.85GHz band:
(i) All emissions shall be limited to a level of － 27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

5.4. 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.

5.5. Uncertainty

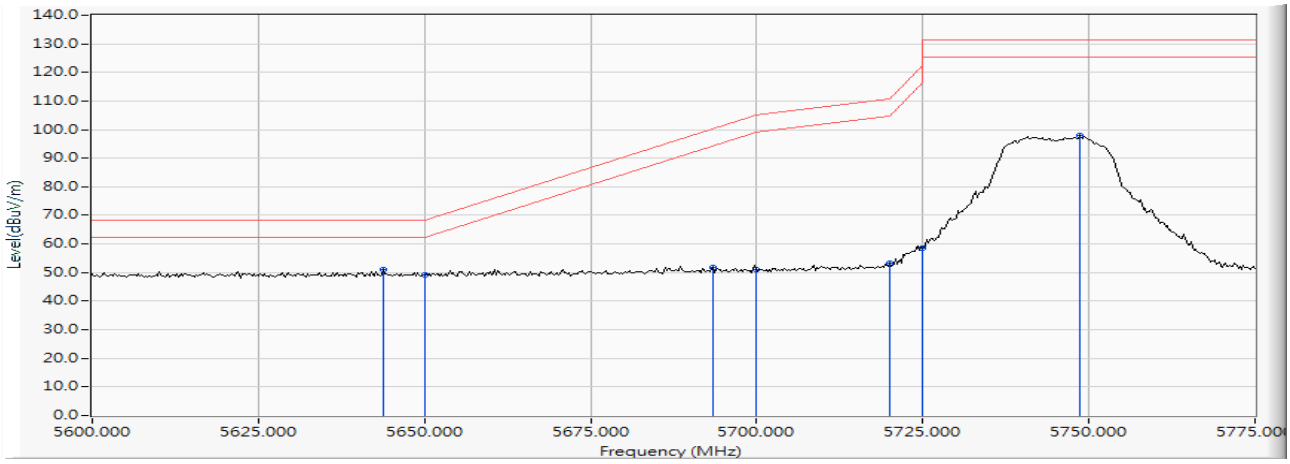
± 3.8 dB below 1GHz
± 3.9 dB above 1GHz

5.6. Test Result of Band Edge

Product	:	Intel® Dual Band Wireless-AC 7265
Test Item	:	Band Edge Data
Test Site	:	CB8
Test date	:	2016.10.01
Test Mode	:	Mode 1 SISO A: Transmit (802.11a-6Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

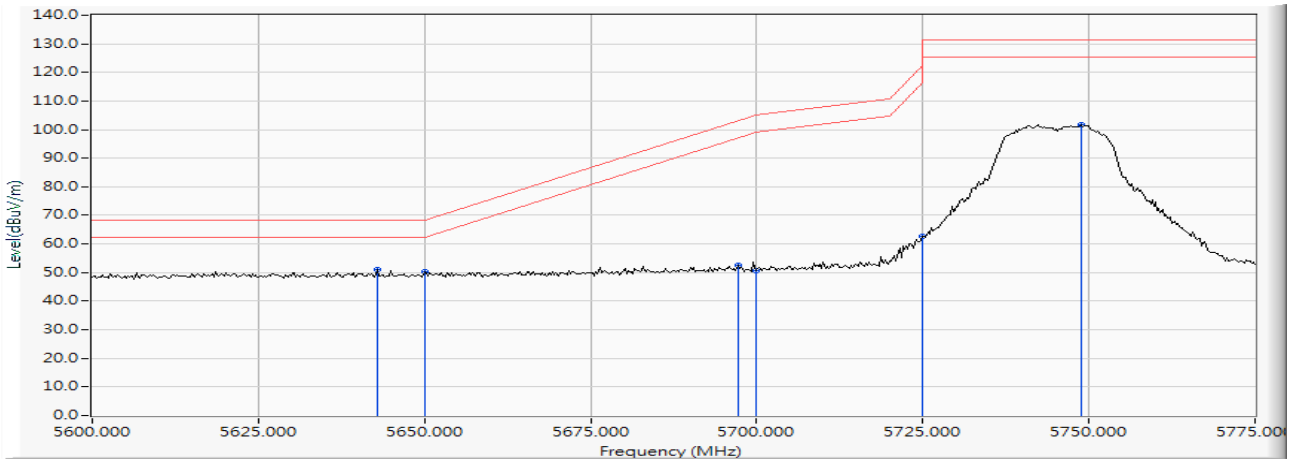
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5643.877	18.749	32.261	51.009	-17.211	68.220	Pass
Horizontal	5650.000	18.766	30.463	49.230	-18.990	68.220	Pass
Horizontal	5693.333	18.897	32.756	51.653	-48.616	100.269	Pass
Horizontal	5700.000	18.917	32.121	51.038	-54.162	105.200	Pass
Horizontal	5720.000	18.977	34.235	53.212	-57.588	110.800	Pass
Horizontal	5725.000	18.993	39.721	58.714	-63.486	122.200	Pass
Horizontal	5748.623	19.074	78.744	97.819	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

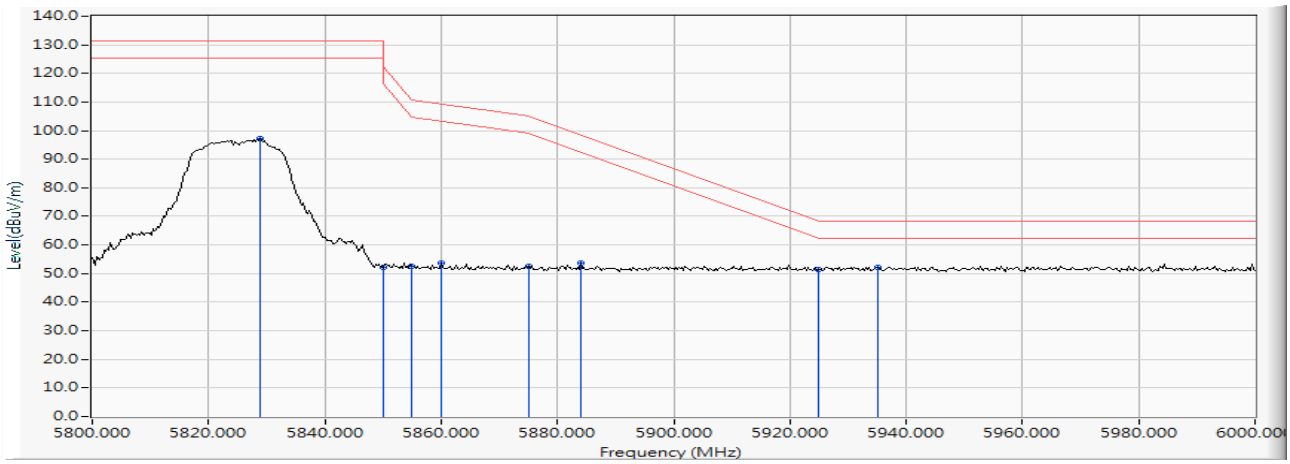
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5642.862	18.744	32.453	51.198	-17.022	68.220	Pass
Vertical	5650.000	18.766	31.354	50.121	-18.099	68.220	Pass
Vertical	5697.138	18.909	33.749	52.658	-50.425	103.083	Pass
Vertical	5700.000	18.917	31.854	50.771	-54.429	105.200	Pass
Vertical	5725.000	18.993	43.524	62.517	-59.683	122.200	Pass
Vertical	5748.877	19.076	82.767	101.842	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

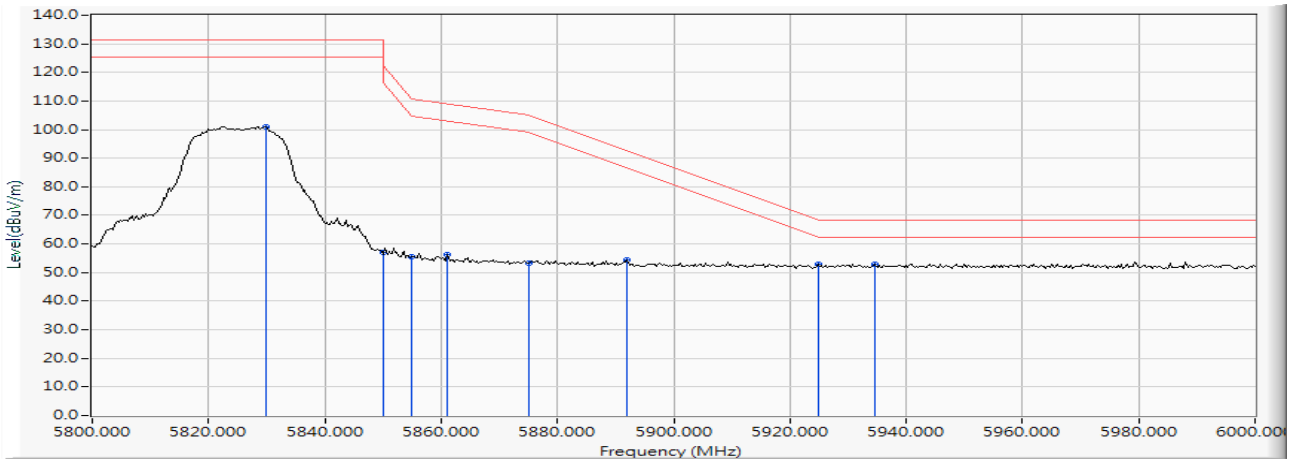
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5828.986	19.385	77.819	97.204	--	--	--
Horizontal	5850.000	19.468	32.717	52.185	-70.015	122.200	Pass
Horizontal	5855.000	19.487	33.177	52.664	-58.136	110.800	Pass
Horizontal	5860.000	19.504	34.240	53.744	-55.656	109.400	Pass
Horizontal	5875.000	19.558	33.006	52.564	-52.636	105.200	Pass
Horizontal	5884.058	19.597	34.002	53.599	-44.898	98.497	Pass
Horizontal	5925.000	19.755	31.618	51.374	-16.826	68.200	Pass
Horizontal	5935.072	19.794	32.426	52.220	-15.980	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

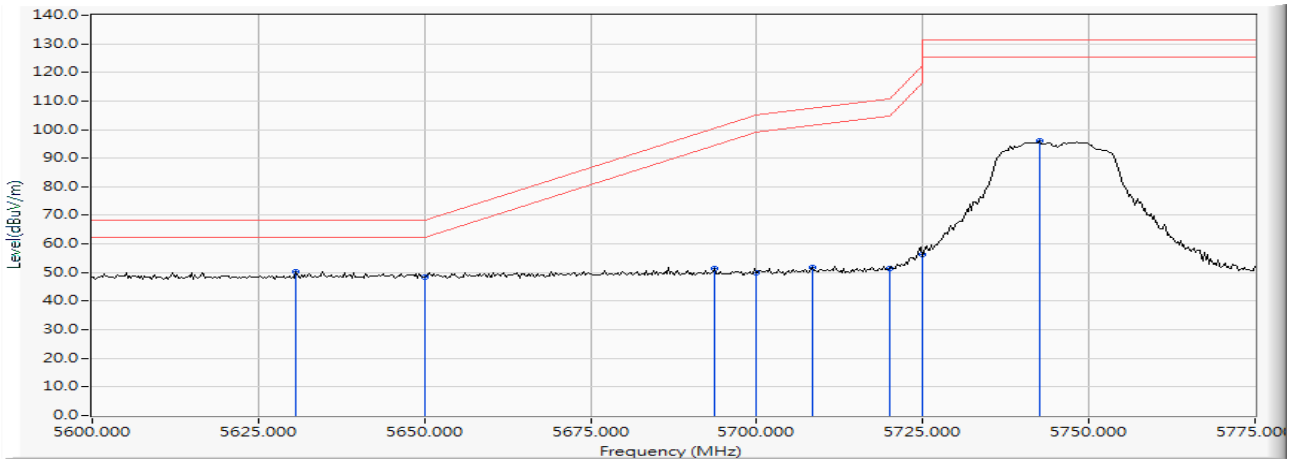
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5829.855	19.387	81.669	101.057	--	--	--
Vertical	5850.000	19.468	37.466	56.934	-65.266	122.200	Pass
Vertical	5855.000	19.487	35.888	55.375	-55.425	110.800	Pass
Vertical	5861.159	19.507	36.928	56.436	-52.639	109.075	Pass
Vertical	5875.000	19.558	33.764	53.322	-51.878	105.200	Pass
Vertical	5891.884	19.628	34.625	54.253	-38.453	92.706	Pass
Vertical	5925.000	19.755	33.043	52.799	-15.401	68.200	Pass
Vertical	5934.493	19.792	33.139	52.931	-15.269	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

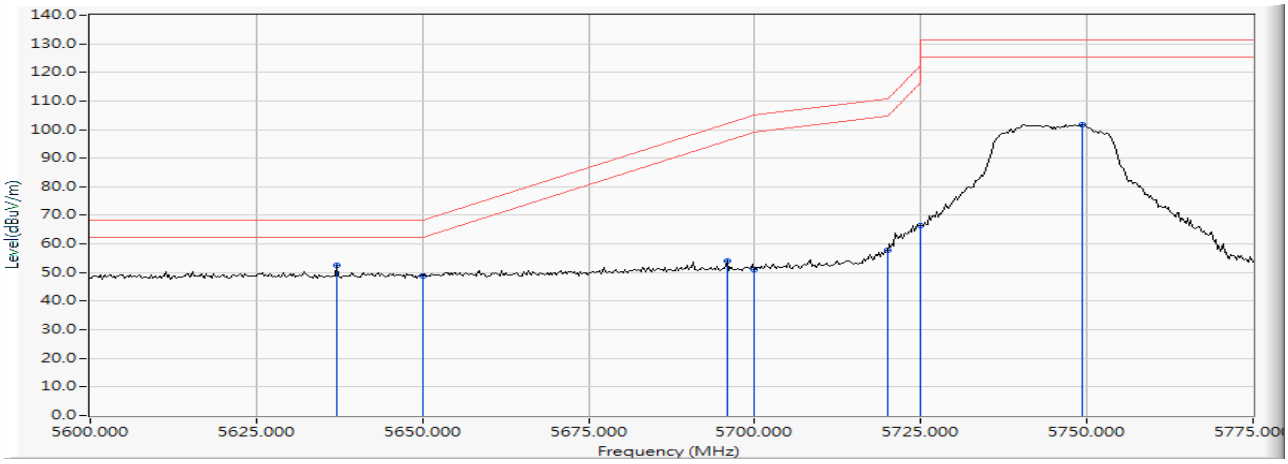
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5630.688	18.712	31.440	50.152	-18.068	68.220	Pass
Horizontal	5650.000	18.766	29.774	48.541	-19.679	68.220	Pass
Horizontal	5693.587	18.898	32.584	51.481	-48.976	100.457	Pass
Horizontal	5700.000	18.917	31.164	50.081	-55.119	105.200	Pass
Horizontal	5708.297	18.942	32.687	51.629	-55.894	107.523	Pass
Horizontal	5720.000	18.977	32.494	51.471	-59.329	110.800	Pass
Horizontal	5725.000	18.993	37.125	56.118	-66.082	122.200	Pass
Horizontal	5742.536	19.055	77.169	96.224	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

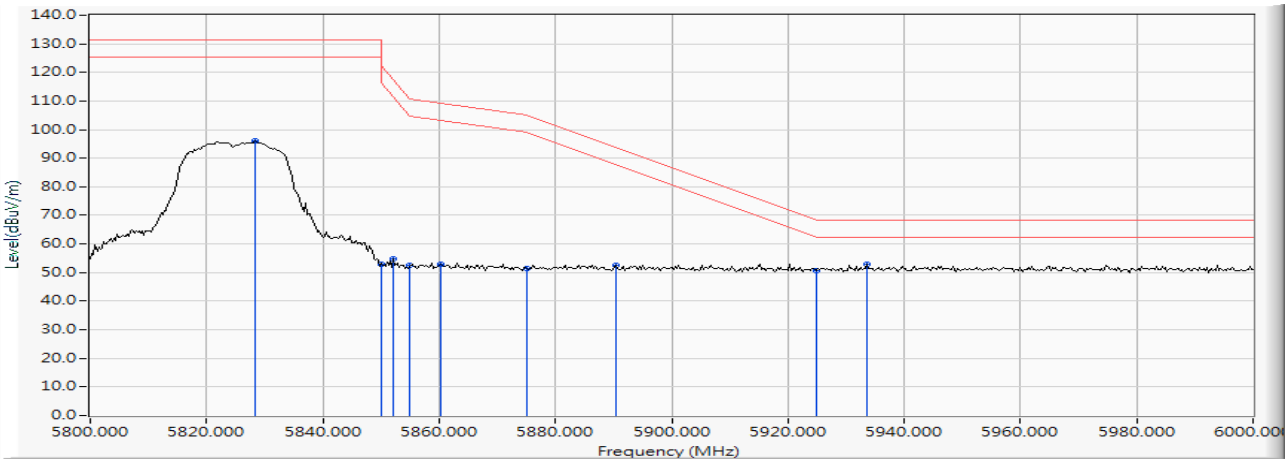
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5637.029	18.726	33.648	52.375	-15.845	68.220	Pass
Vertical	5650.000	18.766	30.163	48.930	-19.290	68.220	Pass
Vertical	5695.870	18.905	35.123	54.028	-48.117	102.145	Pass
Vertical	5700.000	18.917	32.136	51.053	-54.147	105.200	Pass
Vertical	5720.000	18.977	38.698	57.675	-53.125	110.800	Pass
Vertical	5725.000	18.993	47.510	66.503	-55.697	122.200	Pass
Vertical	5749.384	19.077	82.785	101.862	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

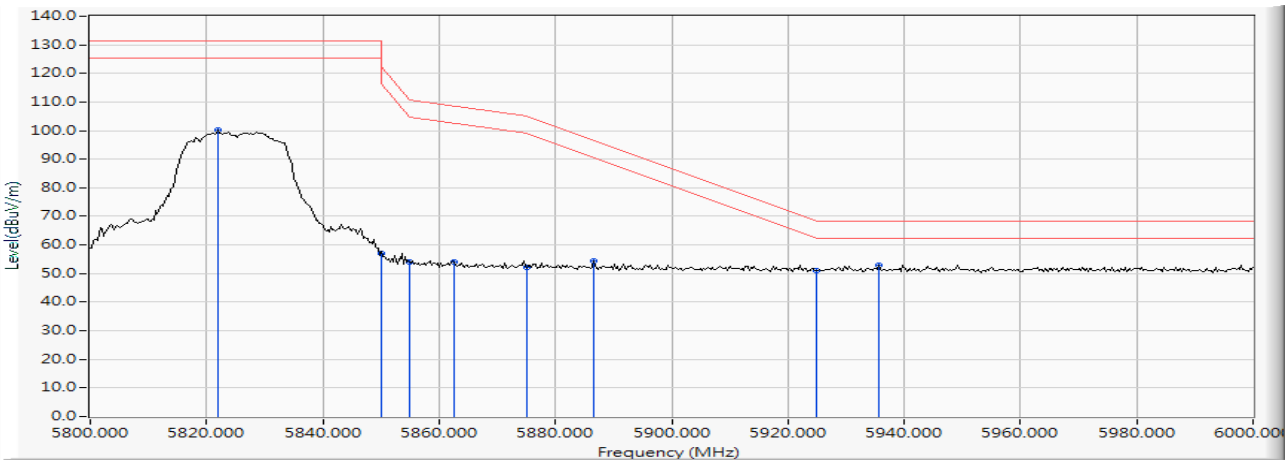
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5828.406	19.384	76.610	95.994	--	--	--
Horizontal	5850.000	19.468	33.323	52.791	-69.409	122.200	Pass
Horizontal	5852.174	19.478	35.152	54.630	-62.613	117.243	Pass
Horizontal	5855.000	19.487	32.914	52.401	-58.399	110.800	Pass
Horizontal	5860.290	19.505	33.317	52.822	-56.497	109.319	Pass
Horizontal	5875.000	19.558	31.847	51.405	-53.795	105.200	Pass
Horizontal	5890.435	19.623	33.103	52.726	-41.052	93.778	Pass
Horizontal	5925.000	19.755	31.042	50.798	-17.402	68.200	Pass
Horizontal	5933.623	19.788	33.009	52.798	-15.402	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

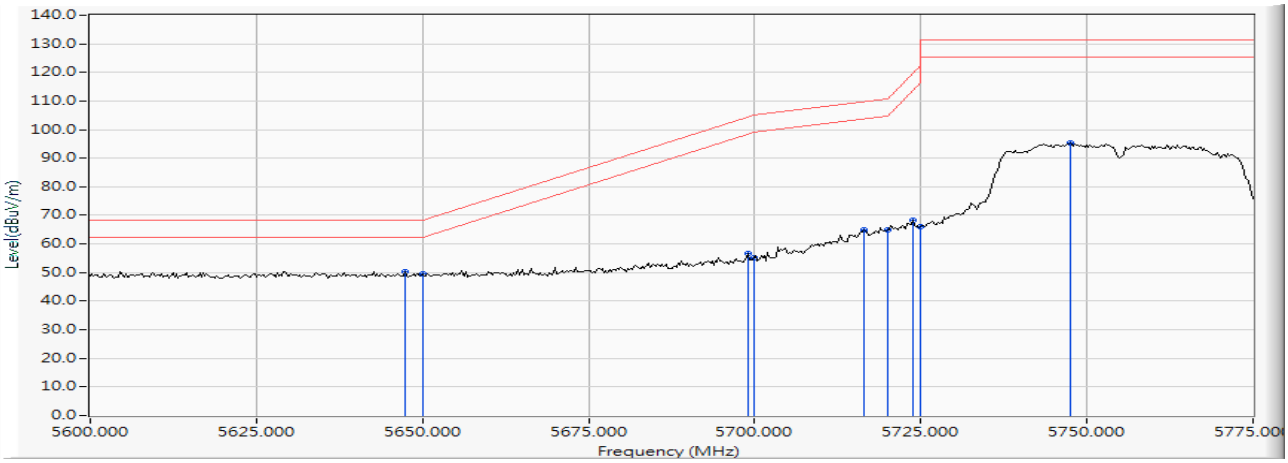
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5822.029	19.366	80.950	100.316	--	--	--
Vertical	5850.000	19.468	37.614	57.082	-65.118	122.200	Pass
Vertical	5855.000	19.487	34.431	53.918	-56.882	110.800	Pass
Vertical	5862.609	19.512	34.477	53.989	-54.680	108.669	Pass
Vertical	5875.000	19.558	32.535	52.093	-53.107	105.200	Pass
Vertical	5886.667	19.608	34.711	54.320	-42.246	96.566	Pass
Vertical	5925.000	19.755	31.422	51.178	-17.022	68.200	Pass
Vertical	5935.652	19.796	33.206	53.002	-15.198	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) -Channel 151 (5755MHz)

RF Radiated Measurement:

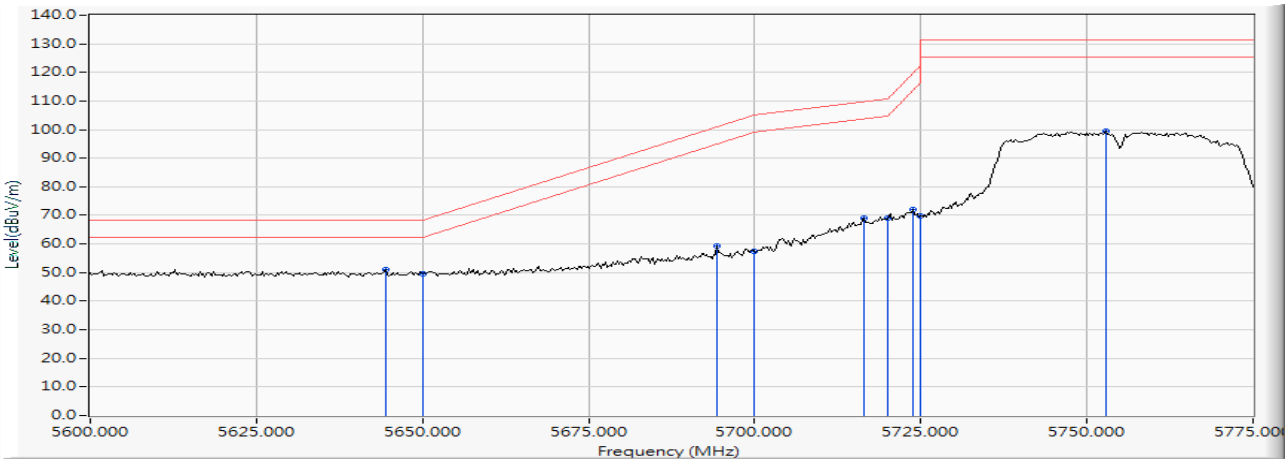
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV /m)	Margin (dB)	Limit (dBµV /m)	Result
Horizontal	5647.428	18.759	31.357	50.116	-18.104	68.220	Pass
Horizontal	5650.000	18.766	30.660	49.427	-18.793	68.220	Pass
Horizontal	5698.913	18.915	37.812	56.726	-47.670	104.396	Pass
Horizontal	5700.000	18.917	36.430	55.347	-49.853	105.200	Pass
Horizontal	5716.413	18.967	46.117	65.084	-44.712	109.796	Pass
Horizontal	5720.000	18.977	45.810	64.787	-46.013	110.800	Pass
Horizontal	5723.768	18.988	49.266	68.255	-51.136	119.391	Pass
Horizontal	5725.000	18.993	46.968	65.961	-56.239	122.200	Pass
Horizontal	5747.609	19.072	76.155	95.227	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) -Channel 151 (5755MHz)

RF Radiated Measurement:

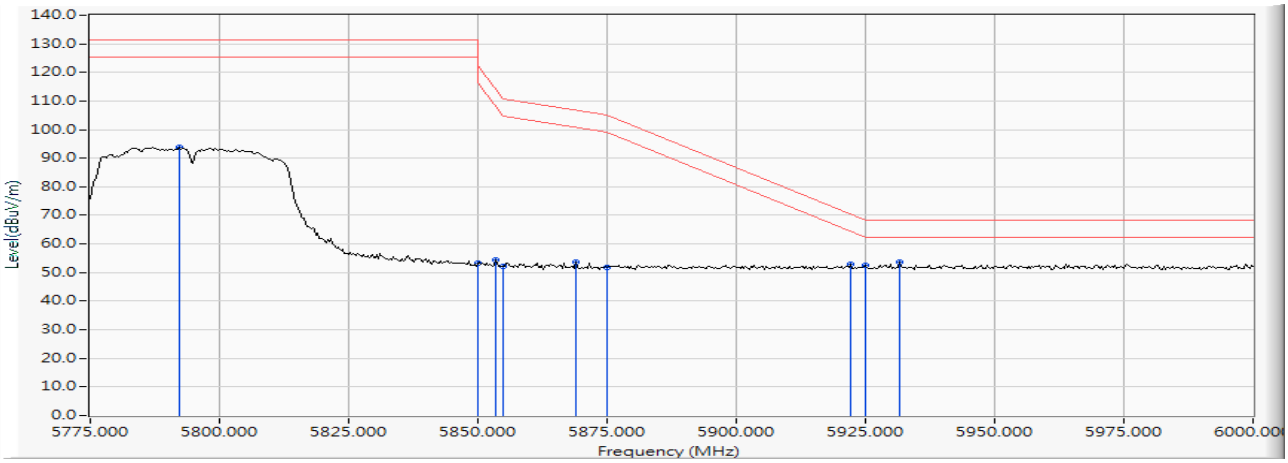
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5644.384	18.749	32.119	50.869	-17.351	68.220	Pass
Vertical	5650.000	18.766	30.821	49.588	-18.632	68.220	Pass
Vertical	5694.348	18.900	40.363	59.263	-41.757	101.020	Pass
Vertical	5700.000	18.917	38.635	57.552	-47.648	105.200	Pass
Vertical	5716.413	18.967	50.183	69.150	-40.646	109.796	Pass
Vertical	5720.000	18.977	49.925	68.902	-41.898	110.800	Pass
Vertical	5723.768	18.988	53.096	72.085	-47.306	119.391	Pass
Vertical	5725.000	18.993	50.767	69.760	-52.440	122.200	Pass
Vertical	5752.935	19.087	80.441	99.528	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) -Channel 159 (5795MHz)

RF Radiated Measurement:

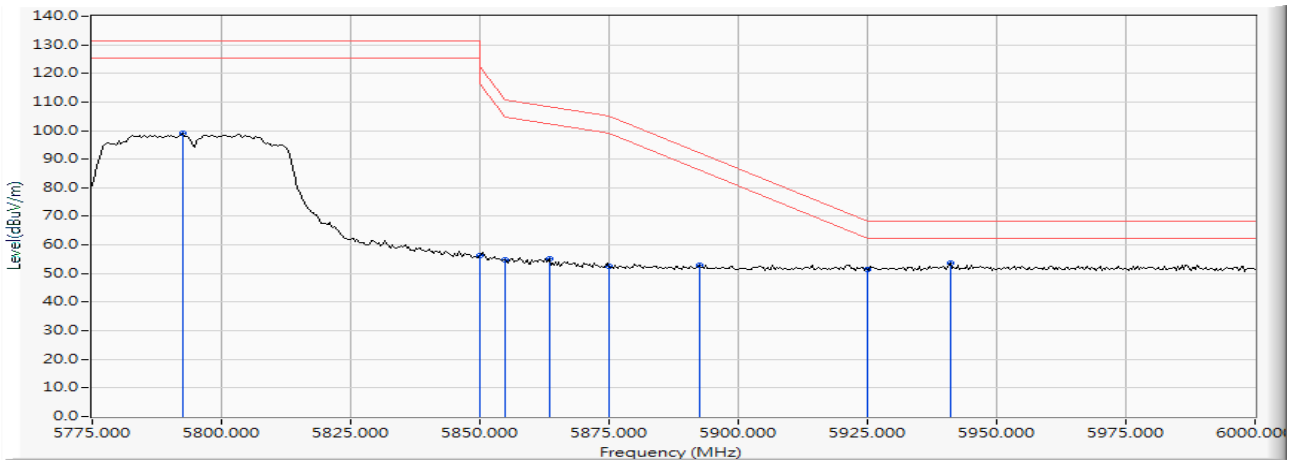
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5792.283	19.240	74.485	93.725	--	--	--
Horizontal	5850.000	19.468	33.730	53.198	-69.002	122.200	Pass
Horizontal	5853.587	19.482	34.936	54.418	-59.604	114.022	Pass
Horizontal	5855.000	19.487	32.575	52.062	-58.738	110.800	Pass
Horizontal	5868.913	19.533	34.033	53.566	-53.338	106.904	Pass
Horizontal	5875.000	19.558	32.291	51.849	-53.351	105.200	Pass
Horizontal	5922.065	19.743	33.135	52.878	-17.494	70.372	Pass
Horizontal	5925.000	19.755	32.699	52.455	-15.745	68.200	Pass
Horizontal	5931.522	19.781	33.751	53.532	-14.668	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) -Channel 159 (5795MHz)

RF Radiated Measurement:

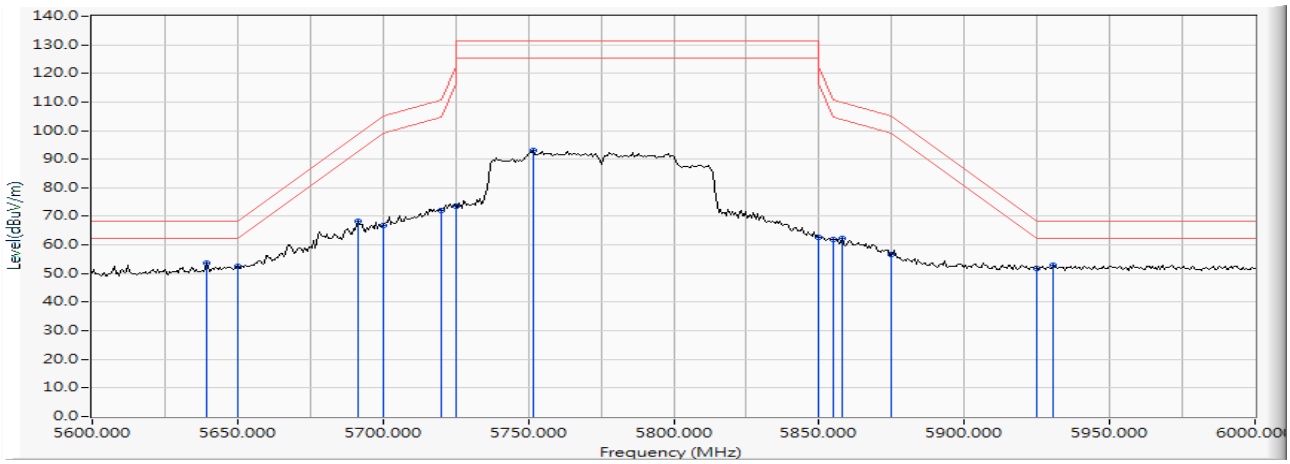
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5792.609	19.241	79.866	99.107	-32.093	131.200	--
Vertical	5850.000	19.468	36.689	56.157	-66.043	122.200	Pass
Vertical	5855.000	19.487	35.197	54.684	-56.116	110.800	Pass
Vertical	5863.370	19.515	35.787	55.302	-53.154	108.456	Pass
Vertical	5875.000	19.558	33.084	52.642	-52.558	105.200	Pass
Vertical	5892.391	19.630	33.314	52.944	-39.387	92.331	Pass
Vertical	5925.000	19.755	31.621	51.377	-16.823	68.200	Pass
Vertical	5940.978	19.817	33.670	53.487	-14.713	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) -Channel 155 (5775MHz)

RF Radiated Measurement:

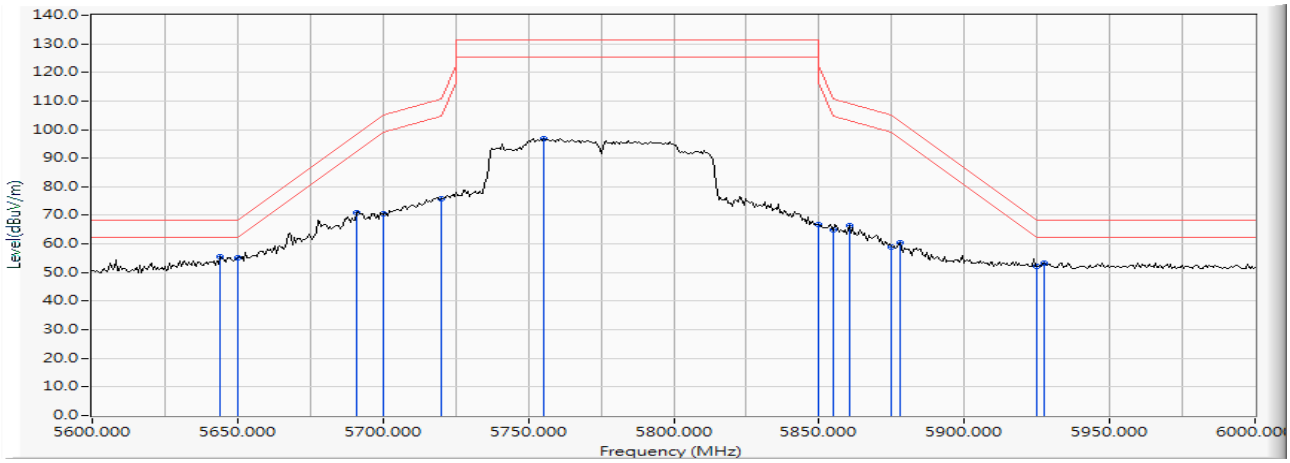
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5639.420	18.735	35.109	53.843	-14.377	68.220	Pass
Horizontal	5650.000	18.766	33.820	52.587	-15.633	68.220	Pass
Horizontal	5691.594	18.892	49.371	68.262	-30.721	98.983	Pass
Horizontal	5700.000	18.917	47.818	66.735	-38.465	105.200	Pass
Horizontal	5720.000	18.977	53.273	72.250	-38.550	110.800	Pass
Horizontal	5725.000	18.993	54.572	73.565	-48.635	122.200	Pass
Horizontal	5751.884	19.084	73.840	92.924	--	--	--
Horizontal	5850.000	19.468	43.191	62.659	-59.541	122.200	Pass
Horizontal	5855.000	19.487	42.351	61.838	-48.962	110.800	Pass
Horizontal	5857.971	19.497	42.789	62.286	-47.682	109.968	Pass
Horizontal	5875.000	19.558	36.948	56.506	-48.694	105.200	Pass
Horizontal	5925.000	19.755	32.111	51.867	-16.333	68.200	Pass
Horizontal	5930.435	19.777	33.019	52.796	-15.404	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) -Channel 155 (5775MHz)

RF Radiated Measurement:

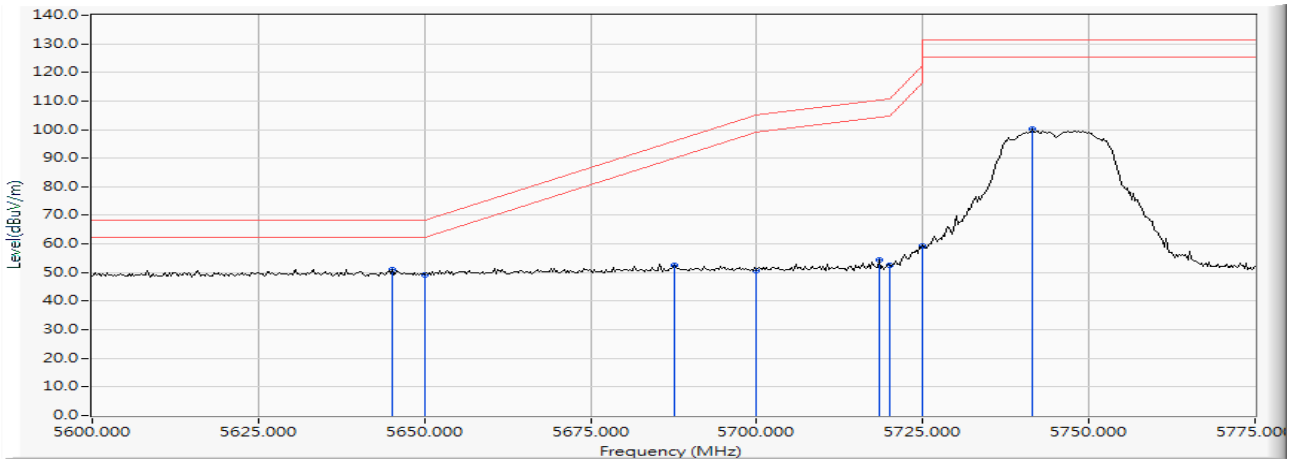
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5644.058	18.749	36.898	55.647	-12.573	68.220	Pass
Vertical	5650.000	18.766	36.493	55.260	-12.960	68.220	Pass
Vertical	5691.014	18.889	52.060	70.949	-27.605	98.554	Pass
Vertical	5700.000	18.917	51.572	70.489	-34.711	105.200	Pass
Vertical	5720.000	18.977	56.955	75.932	-34.868	110.800	Pass
Vertical	5755.362	19.093	77.763	96.857	--	--	--
Vertical	5850.000	19.468	47.359	66.827	-55.373	122.200	Pass
Vertical	5855.000	19.487	45.268	64.755	-46.045	110.800	Pass
Vertical	5860.290	19.505	46.914	66.419	-42.900	109.319	Pass
Vertical	5875.000	19.558	39.507	59.065	-46.135	105.200	Pass
Vertical	5877.681	19.569	40.726	60.296	-42.920	103.216	Pass
Vertical	5925.000	19.755	32.455	52.211	-15.989	68.200	Pass
Vertical	5927.536	19.766	33.695	53.461	-14.739	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

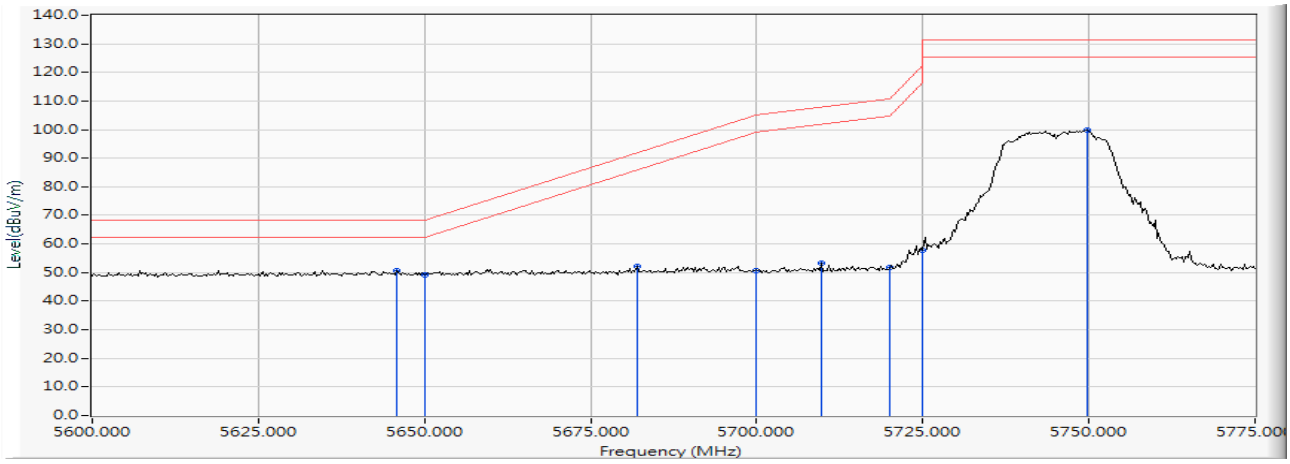
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5645.145	18.752	32.121	50.873	-17.347	68.220	Pass
Horizontal	5650.000	18.766	30.462	49.229	-18.991	68.220	Pass
Horizontal	5687.500	18.879	33.633	52.512	-43.443	95.955	Pass
Horizontal	5700.000	18.917	31.901	50.818	-54.382	105.200	Pass
Horizontal	5718.442	18.973	35.582	54.555	-55.809	110.364	Pass
Horizontal	5720.000	18.977	33.624	52.601	-58.199	110.800	Pass
Horizontal	5725.000	18.993	40.420	59.413	-62.787	122.200	Pass
Horizontal	5741.522	19.052	80.980	100.032	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

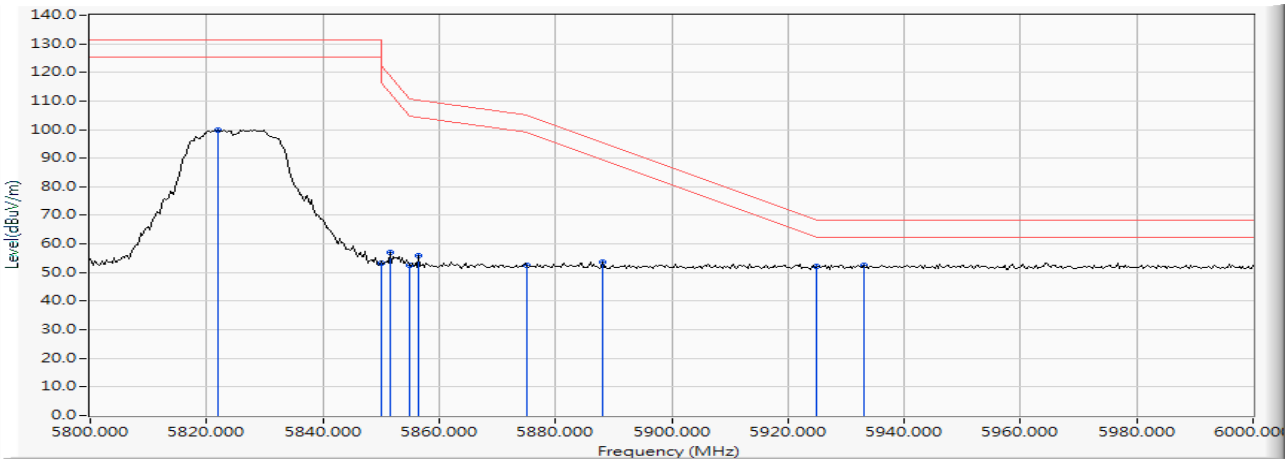
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV /m)	Margin (dB)	Limit (dBµV /m)	Result
Vertical	5645.906	18.754	31.945	50.699	-17.521	68.220	Pass
Vertical	5650.000	18.766	30.499	49.266	-18.954	68.220	Pass
Vertical	5681.920	18.862	33.420	52.283	-39.545	91.828	Pass
Vertical	5700.000	18.917	31.859	50.776	-54.424	105.200	Pass
Vertical	5709.819	18.947	34.235	53.182	-54.767	107.949	Pass
Vertical	5720.000	18.977	32.639	51.616	-59.184	110.800	Pass
Vertical	5725.000	18.993	38.815	57.808	-64.392	122.200	Pass
Vertical	5749.638	19.078	80.667	99.745	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

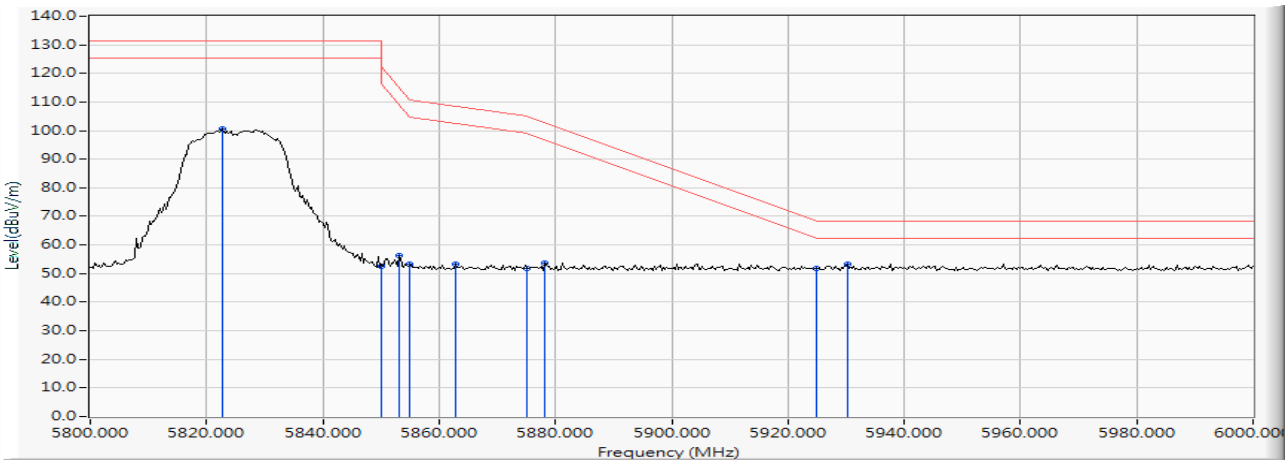
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV /m)	Margin (dB)	Limit (dBµV /m)	Result
Horizontal	5822.029	19.366	80.630	99.996	--	--	--
Horizontal	5850.000	19.468	33.903	53.371	-68.829	122.200	Pass
Horizontal	5851.594	19.475	37.421	56.896	-61.670	118.566	Pass
Horizontal	5855.000	19.487	32.985	52.472	-58.328	110.800	Pass
Horizontal	5856.522	19.492	36.254	55.746	-54.628	110.374	Pass
Horizontal	5875.000	19.558	32.852	52.410	-52.790	105.200	Pass
Horizontal	5888.116	19.615	34.010	53.625	-41.869	95.494	Pass
Horizontal	5925.000	19.755	32.240	51.996	-16.204	68.200	Pass
Horizontal	5933.043	19.787	32.850	52.637	-15.563	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

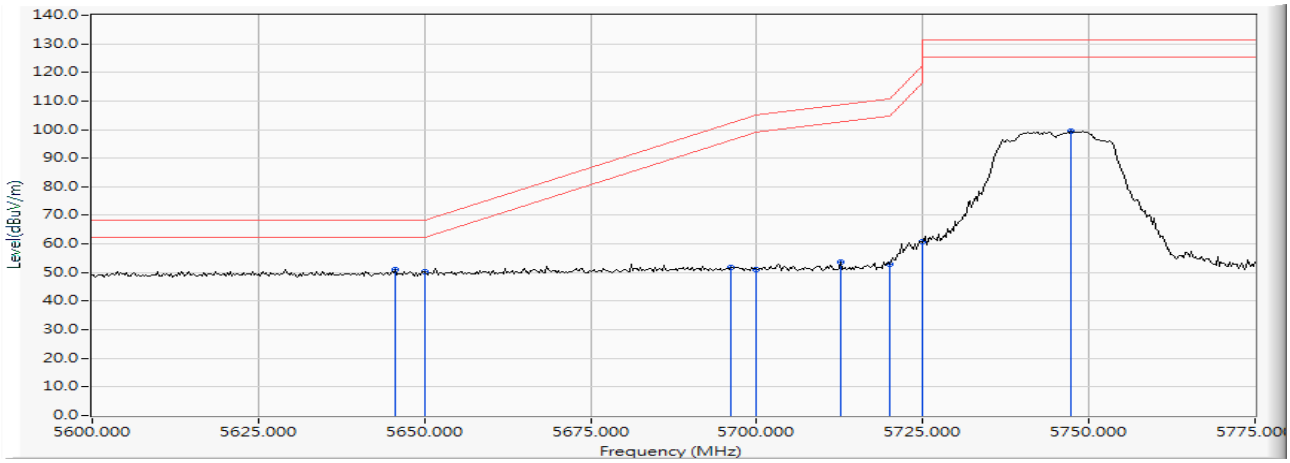
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV /m)	Margin (dB)	Limit (dBµV /m)	Result
Vertical	5822.609	19.368	81.106	100.474	--	--	--
Vertical	5850.000	19.468	33.265	52.733	-69.467	122.200	Pass
Vertical	5853.043	19.481	36.963	56.444	-58.818	115.262	Pass
Vertical	5855.000	19.487	33.704	53.191	-57.609	110.800	Pass
Vertical	5862.899	19.513	33.803	53.316	-55.272	108.588	Pass
Vertical	5875.000	19.558	32.418	51.976	-53.224	105.200	Pass
Vertical	5878.261	19.573	34.036	53.608	-49.179	102.787	Pass
Vertical	5925.000	19.755	32.093	51.849	-16.351	68.200	Pass
Vertical	5930.145	19.775	33.435	53.211	-14.989	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

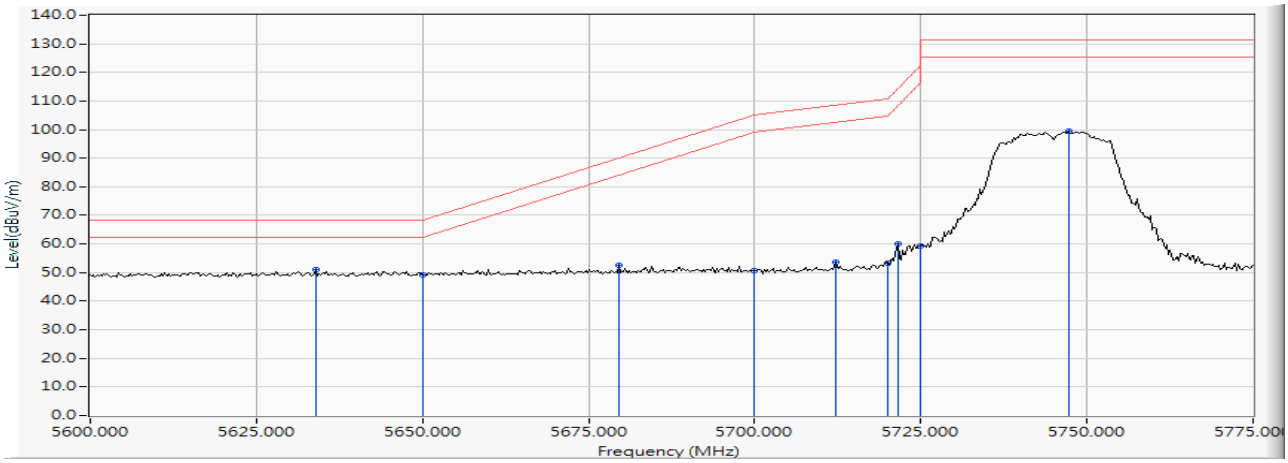
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5645.652	18.754	32.209	50.963	-17.257	68.220	Pass
Horizontal	5650.000	18.766	31.390	50.157	-18.063	68.220	Pass
Horizontal	5696.123	18.905	32.812	51.717	-50.616	102.333	Pass
Horizontal	5700.000	18.917	32.222	51.139	-54.061	105.200	Pass
Horizontal	5712.609	18.955	34.536	53.492	-55.239	108.731	Pass
Horizontal	5720.000	18.977	34.119	53.096	-57.704	110.800	Pass
Horizontal	5725.000	18.993	41.629	60.622	-61.578	122.200	Pass
Horizontal	5747.355	19.071	80.277	99.348	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

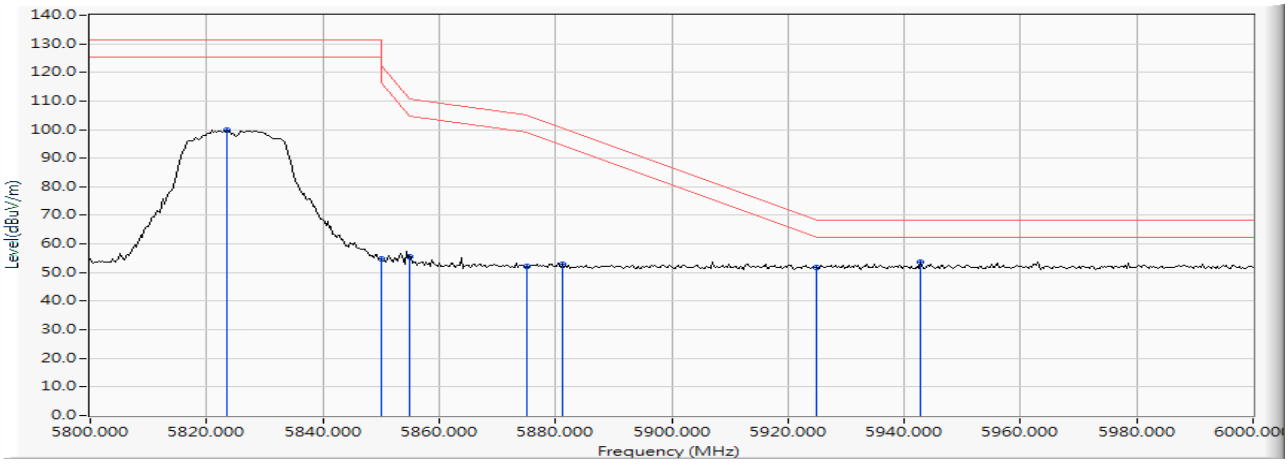
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5633.986	18.720	32.511	51.231	-16.989	68.220	Pass
Vertical	5650.000	18.766	30.459	49.226	-18.994	68.220	Pass
Vertical	5679.638	18.856	33.508	52.364	-37.776	90.140	Pass
Vertical	5700.000	18.917	31.627	50.544	-54.656	105.200	Pass
Vertical	5712.101	18.954	34.540	53.494	-55.094	108.588	Pass
Vertical	5720.000	18.977	34.254	53.231	-57.569	110.800	Pass
Vertical	5721.486	18.982	40.899	59.881	-54.307	114.188	Pass
Vertical	5725.000	18.993	40.315	59.308	-62.892	122.200	Pass
Vertical	5747.355	19.071	80.468	99.539	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

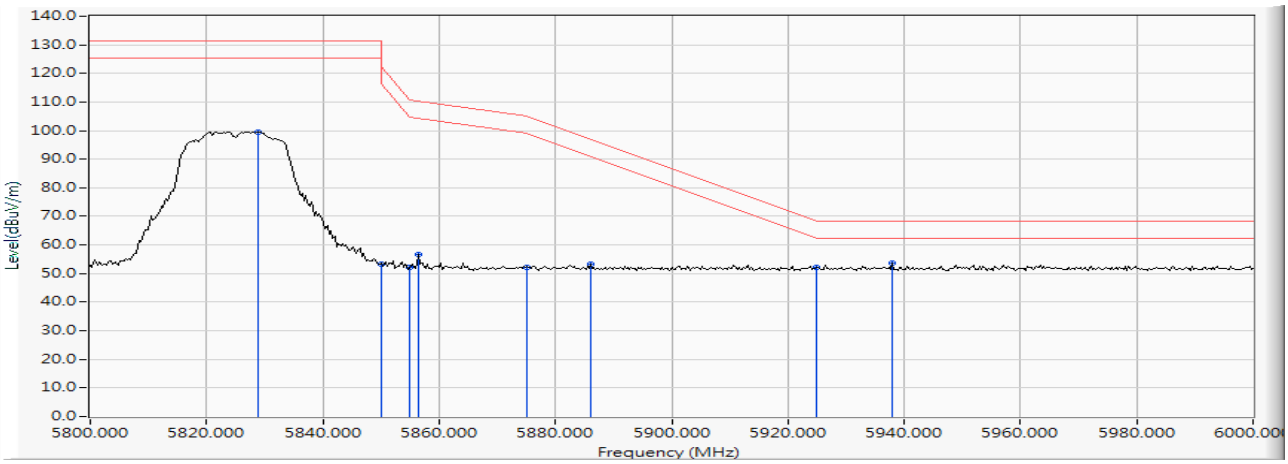
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5823.478	19.370	80.581	99.951	--	--	--
Horizontal	5850.000	19.468	35.190	54.658	-67.542	122.200	Pass
Horizontal	5855.000	19.487	35.956	55.443	-55.357	110.800	Pass
Horizontal	5875.000	19.558	32.492	52.050	-53.150	105.200	Pass
Horizontal	5881.159	19.584	33.290	52.875	-47.767	100.642	Pass
Horizontal	5925.000	19.755	31.962	51.718	-16.482	68.200	Pass
Horizontal	5942.898	19.824	33.830	53.654	-14.546	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

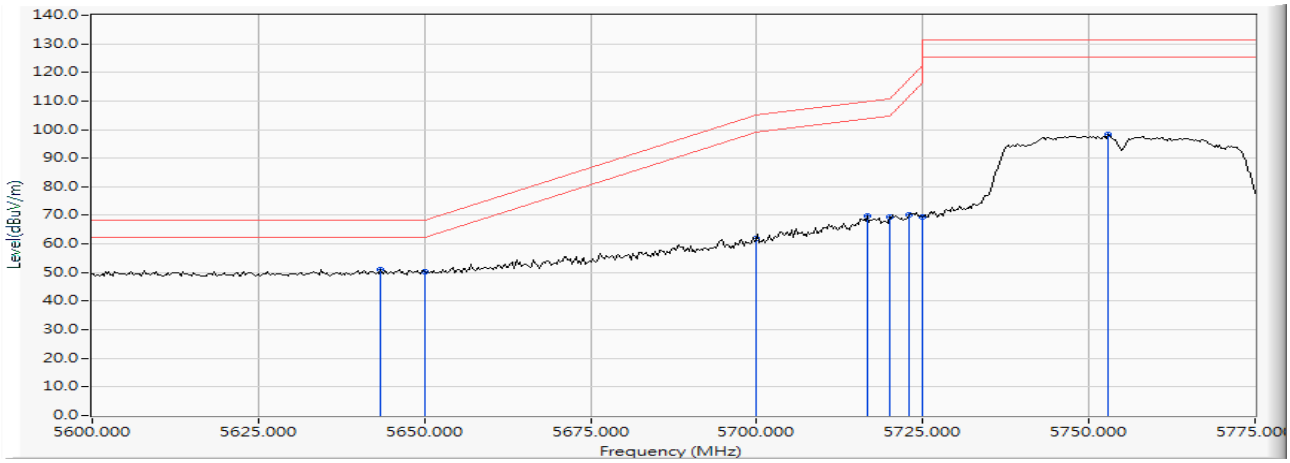
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5828.986	19.385	80.245	99.630	--	--	--
Vertical	5850.000	19.468	33.968	53.436	-68.764	122.200	Pass
Vertical	5855.000	19.487	32.802	52.289	-58.511	110.800	Pass
Vertical	5856.522	19.492	37.086	56.578	-53.796	110.374	Pass
Vertical	5875.000	19.558	32.794	52.352	-52.848	105.200	Pass
Vertical	5886.087	19.606	33.504	53.110	-43.886	96.996	Pass
Vertical	5925.000	19.755	32.292	52.048	-16.152	68.200	Pass
Vertical	5937.971	19.806	33.703	53.508	-14.692	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) -Channel 151 (5755MHz)

RF Radiated Measurement:

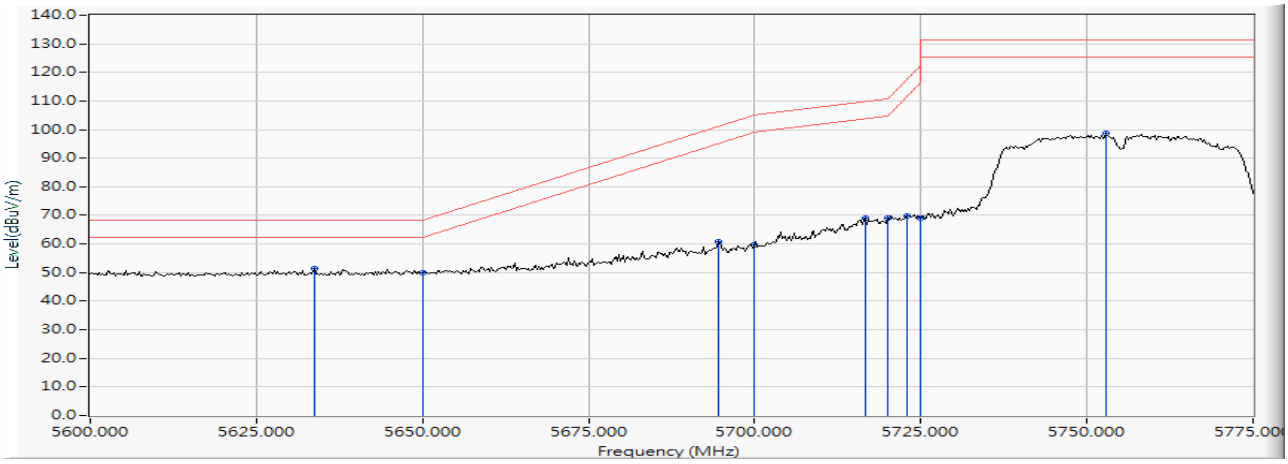
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV /m)	Margin (dB)	Limit (dBµV /m)	Result
Horizontal	5643.370	18.747	32.319	51.066	-17.154	68.220	Pass
Horizontal	5650.000	18.766	31.390	50.157	-18.063	68.220	Pass
Horizontal	5700.000	18.917	42.857	61.774	-43.426	105.200	Pass
Horizontal	5716.667	18.968	50.701	69.669	-40.198	109.867	Pass
Horizontal	5720.000	18.977	50.413	69.390	-41.410	110.800	Pass
Horizontal	5723.007	18.986	51.348	70.335	-47.321	117.656	Pass
Horizontal	5725.000	18.993	50.463	69.456	-52.744	122.200	Pass
Horizontal	5752.935	19.087	79.260	98.347	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) -Channel 151 (5755MHz)

RF Radiated Measurement:

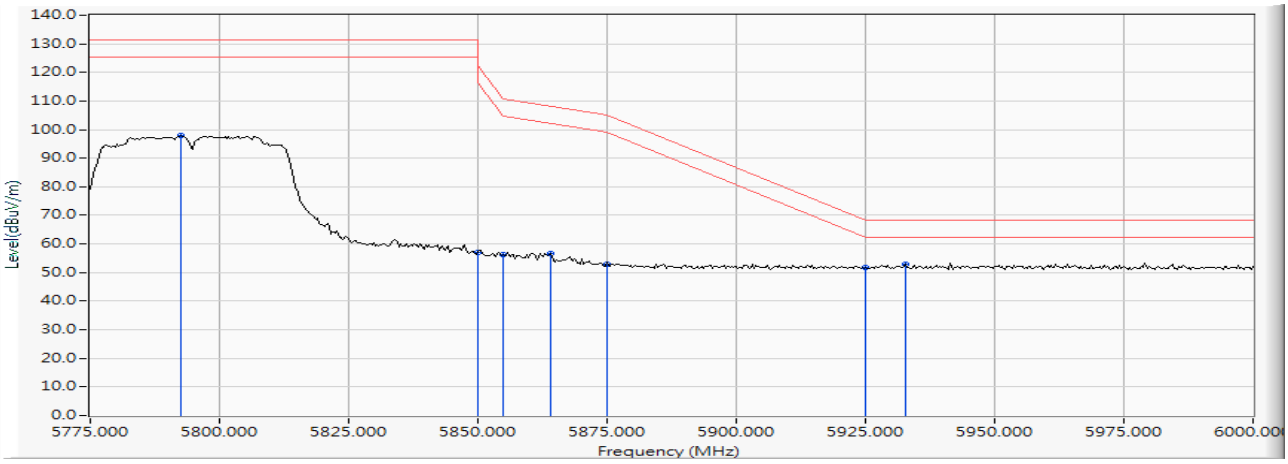
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5633.732	18.718	32.563	51.282	-16.938	68.220	Pass
Vertical	5650.000	18.766	31.099	49.866	-18.354	68.220	Pass
Vertical	5694.601	18.900	42.063	60.964	-40.243	101.207	Pass
Vertical	5700.000	18.917	40.642	59.559	-45.641	105.200	Pass
Vertical	5716.667	18.968	50.278	69.246	-40.621	109.867	Pass
Vertical	5720.000	18.977	50.007	68.984	-41.816	110.800	Pass
Vertical	5723.007	18.986	50.779	69.766	-47.890	117.656	Pass
Vertical	5725.000	18.993	50.051	69.044	-53.156	122.200	Pass
Vertical	5752.935	19.087	79.469	98.556	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) -Channel 159 (5795MHz)

RF Radiated Measurement:

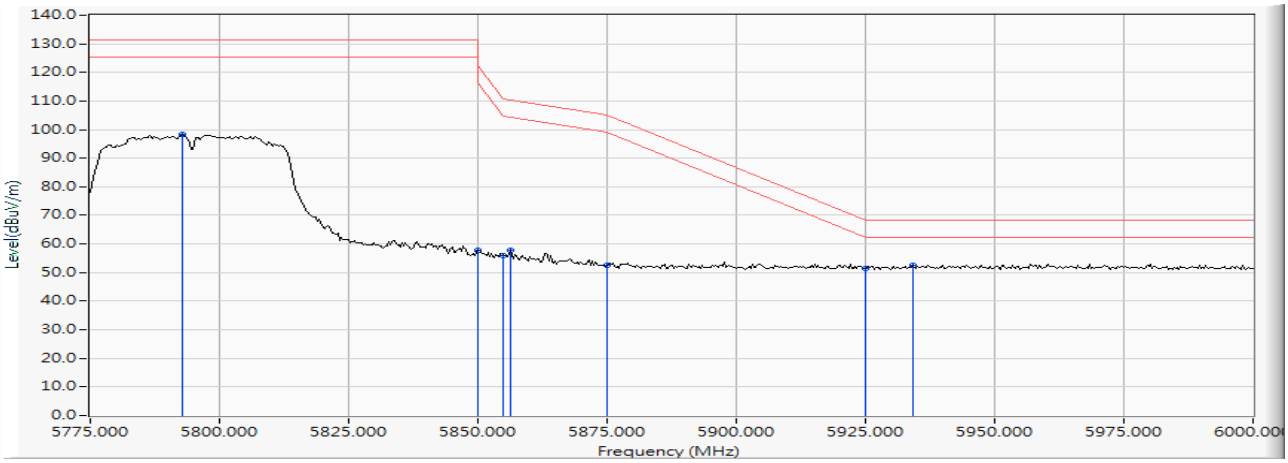
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5792.609	19.241	78.757	97.998	--	--	--
Horizontal	5850.000	19.468	37.627	57.095	-65.105	122.200	Pass
Horizontal	5855.000	19.487	36.650	56.137	-54.663	110.800	Pass
Horizontal	5864.022	19.517	37.036	56.553	-51.721	108.274	Pass
Horizontal	5875.000	19.558	33.540	53.098	-52.102	105.200	Pass
Horizontal	5925.000	19.755	31.910	51.666	-16.534	68.200	Pass
Horizontal	5932.826	19.786	33.110	52.896	-15.304	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) -Channel 159 (5795MHz)

RF Radiated Measurement:

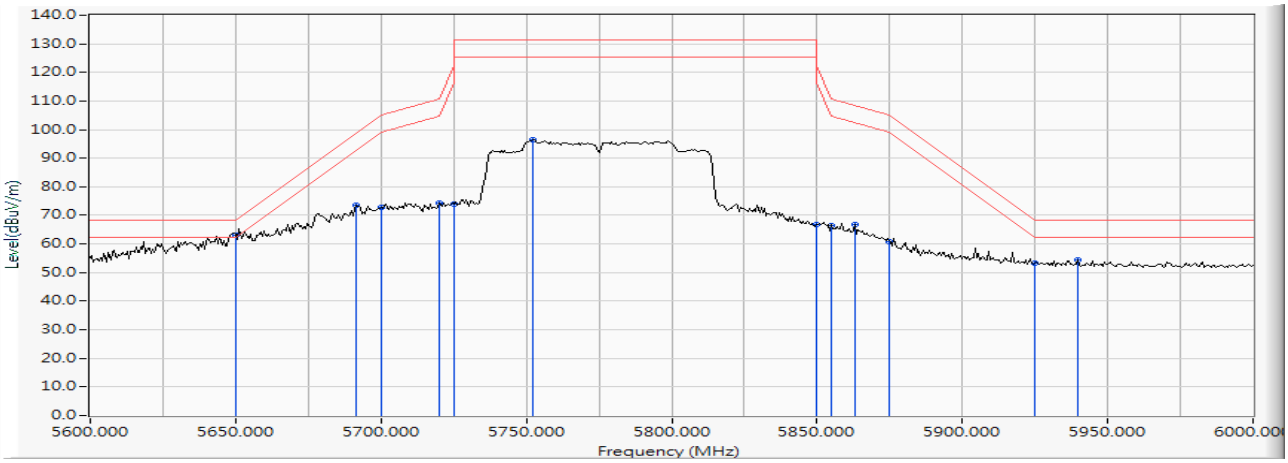
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5792.935	19.242	78.965	98.207	--	--	--
Vertical	5850.000	19.468	38.487	57.955	-64.245	122.200	Pass
Vertical	5855.000	19.487	36.562	56.049	-54.751	110.800	Pass
Vertical	5856.196	19.491	38.193	57.684	-52.781	110.465	Pass
Vertical	5875.000	19.558	32.879	52.437	-52.763	105.200	Pass
Vertical	5925.000	19.755	31.545	51.301	-16.899	68.200	Pass
Vertical	5934.130	19.791	32.622	52.413	-15.787	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) -Channel 155 (5775MHz)

RF Radiated Measurement:

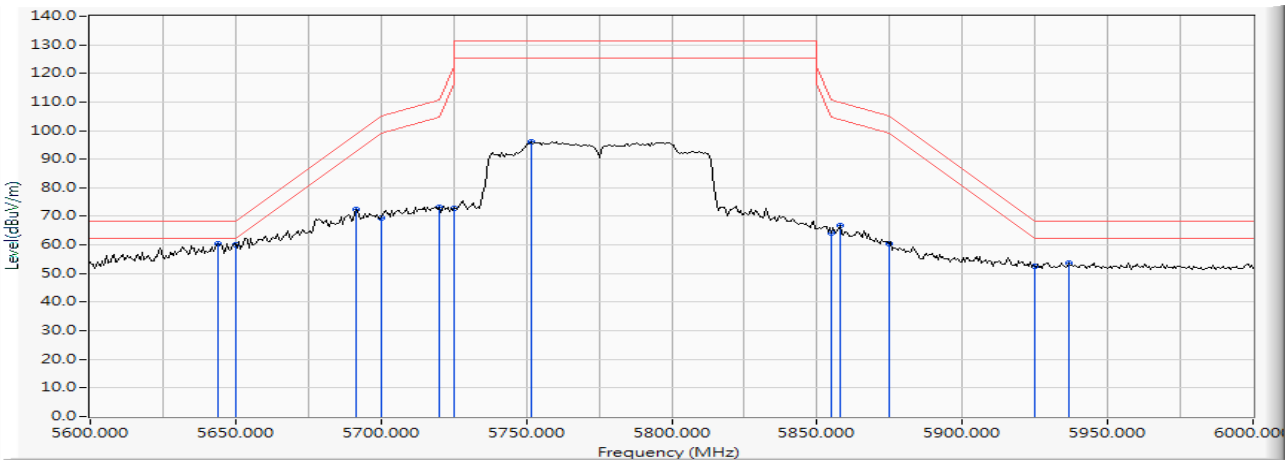
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5650.000	18.766	44.135	62.902	-5.318	68.220	Pass
Horizontal	5691.594	18.892	54.594	73.485	-25.498	98.983	Pass
Horizontal	5700.000	18.917	53.716	72.633	-32.567	105.200	Pass
Horizontal	5720.000	18.977	55.259	74.236	-36.564	110.800	Pass
Horizontal	5725.000	18.993	55.079	74.072	-48.128	122.200	Pass
Horizontal	5752.464	19.086	77.206	96.292	--	--	--
Horizontal	5850.000	19.468	47.274	66.742	-55.458	122.200	Pass
Horizontal	5855.000	19.487	46.986	66.473	-44.327	110.800	Pass
Horizontal	5863.188	19.514	47.434	66.948	-41.559	108.507	Pass
Horizontal	5875.000	19.558	41.431	60.989	-44.211	105.200	Pass
Horizontal	5925.000	19.755	33.528	53.284	-14.916	68.200	Pass
Horizontal	5939.710	19.812	34.463	54.275	-13.925	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.01
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) -Channel 155 (5775MHz)

RF Radiated Measurement:

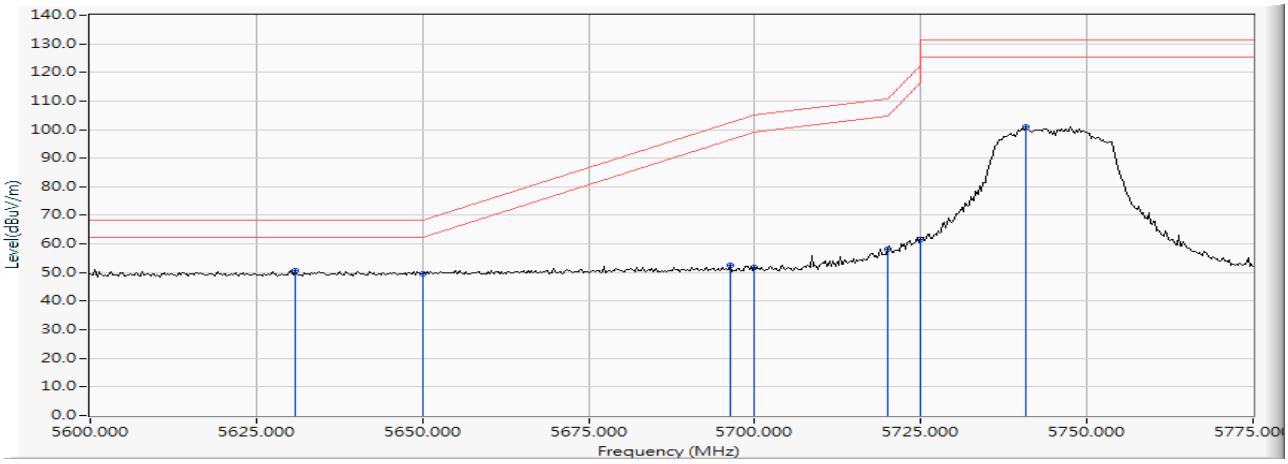
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5644.058	18.749	41.828	60.577	-7.643	68.220	Pass
Vertical	5650.000	18.766	41.319	60.086	-8.134	68.220	Pass
Vertical	5691.594	18.892	53.462	72.353	-26.630	98.983	Pass
Vertical	5700.000	18.917	50.436	69.353	-35.847	105.200	Pass
Vertical	5720.000	18.977	54.372	73.349	-37.451	110.800	Pass
Vertical	5725.000	18.993	53.843	72.836	-49.364	122.200	Pass
Vertical	5751.884	19.084	77.088	96.172	--	--	--
Vertical	5855.000	19.487	44.820	64.307	-46.493	110.800	Pass
Vertical	5857.971	19.497	47.486	66.983	-42.985	109.968	Pass
Vertical	5875.000	19.558	40.975	60.533	-44.667	105.200	Pass
Vertical	5925.000	19.755	32.814	52.570	-15.630	68.200	Pass
Vertical	5936.812	19.801	33.913	53.714	-14.486	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

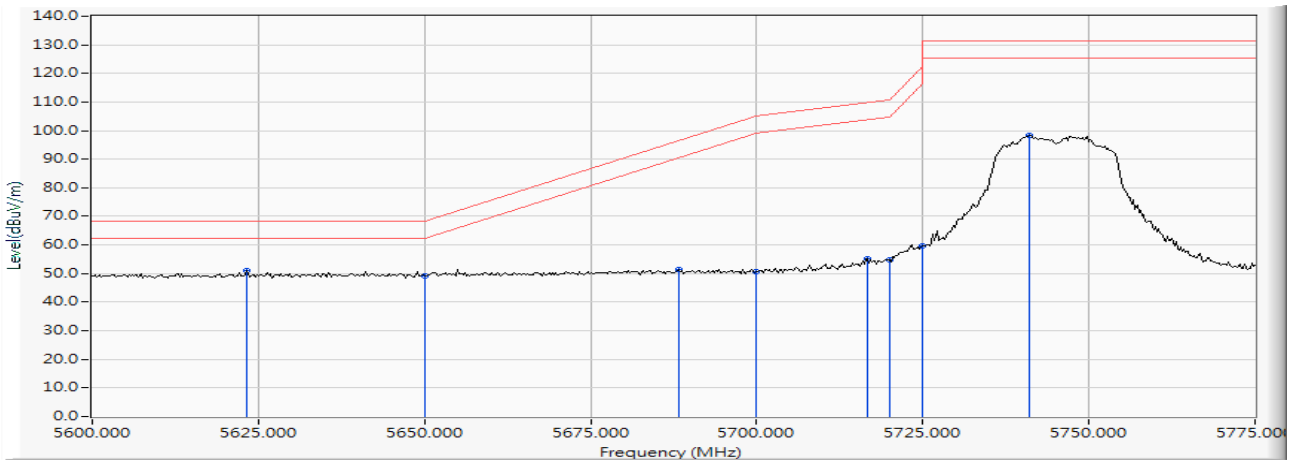
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5630.942	18.709	31.802	50.511	-17.709	68.220	Pass
Horizontal	5650.000	18.752	30.980	49.731	-18.489	68.220	Pass
Horizontal	5696.377	18.854	33.571	52.425	-50.095	102.520	Pass
Horizontal	5700.000	18.861	33.053	51.915	-53.285	105.200	Pass
Horizontal	5720.000	18.907	39.331	58.238	-52.562	110.800	Pass
Horizontal	5725.000	18.920	42.724	61.644	-60.556	122.200	Pass
Horizontal	5740.761	18.961	82.010	100.971	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) -Channel 149 (5745MHz)

RF Radiated Measurement:

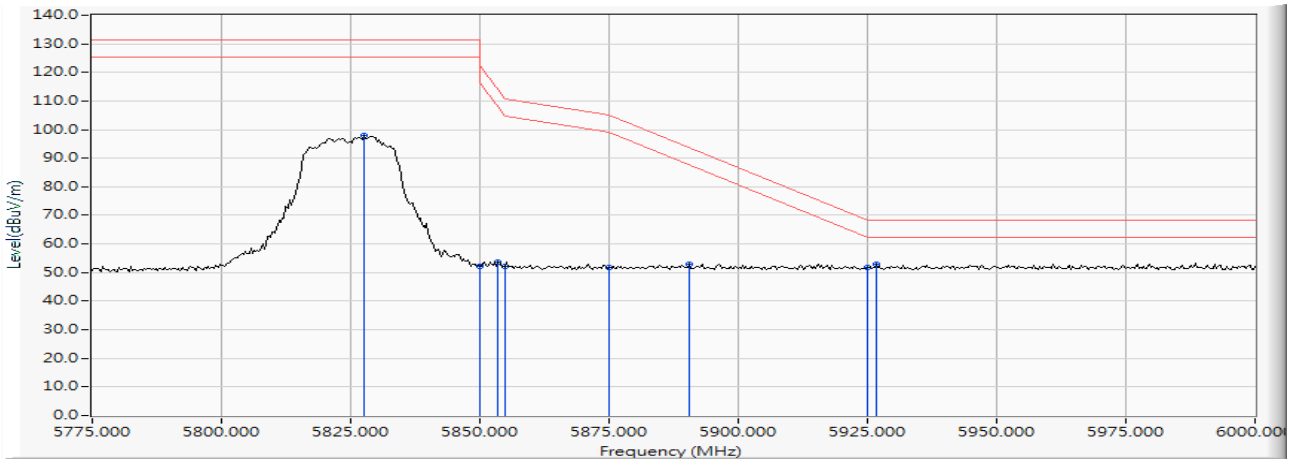
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5623.333	18.697	32.446	51.143	-17.077	68.220	Pass
Vertical	5650.000	18.752	30.327	49.078	-19.142	68.220	Pass
Vertical	5688.261	18.836	32.558	51.394	-45.124	96.518	Pass
Vertical	5700.000	18.861	31.694	50.556	-54.644	105.200	Pass
Vertical	5716.667	18.900	36.410	55.309	-54.558	109.867	Pass
Vertical	5720.000	18.907	35.929	54.836	-55.964	110.800	Pass
Vertical	5725.000	18.920	40.578	59.498	-62.702	122.200	Pass
Vertical	5741.014	18.962	79.376	98.338	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

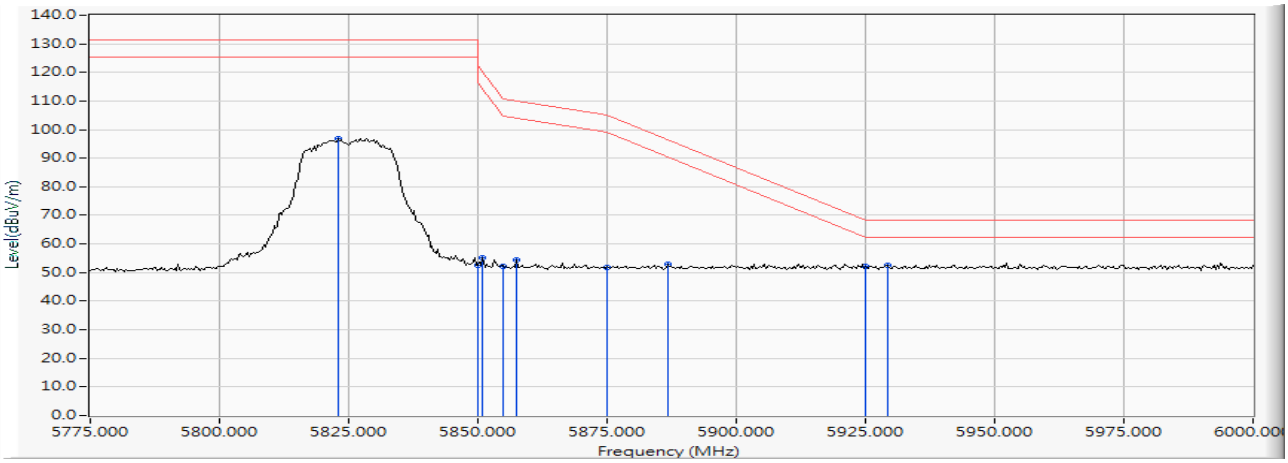
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5827.500	19.261	78.550	97.811	--	--	--
Horizontal	5850.000	19.353	32.980	52.333	-69.867	122.200	Pass
Horizontal	5853.587	19.365	34.127	53.492	-60.530	114.022	Pass
Horizontal	5855.000	19.370	32.977	52.347	-58.453	110.800	Pass
Horizontal	5875.000	19.447	32.266	51.713	-53.487	105.200	Pass
Horizontal	5890.435	19.506	33.385	52.891	-40.887	93.778	Pass
Horizontal	5925.000	19.643	32.117	51.759	-16.441	68.200	Pass
Horizontal	5926.630	19.648	33.297	52.945	-15.255	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) -Channel 165 (5825MHz)

RF Radiated Measurement:

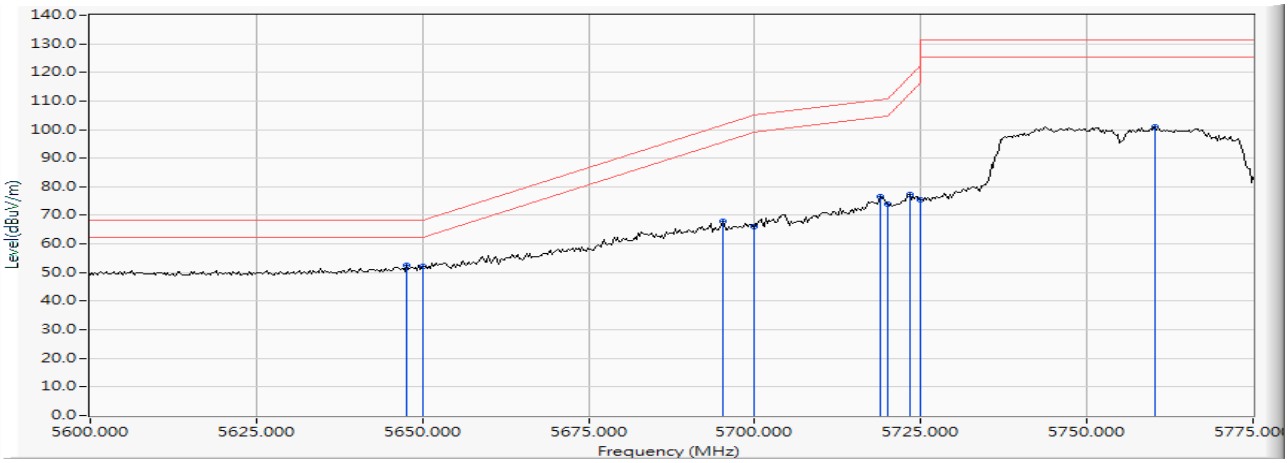
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5822.935	19.248	77.667	96.915	--	--	--
Vertical	5850.000	19.353	33.225	52.578	-69.622	122.200	Pass
Vertical	5850.978	19.357	35.662	55.018	-64.952	119.970	Pass
Vertical	5855.000	19.370	32.840	52.210	-58.590	110.800	Pass
Vertical	5857.500	19.378	35.059	54.437	-55.663	110.100	Pass
Vertical	5875.000	19.447	32.366	51.813	-53.387	105.200	Pass
Vertical	5886.848	19.494	33.529	53.023	-43.409	96.432	Pass
Vertical	5925.000	19.643	32.565	52.207	-15.993	68.200	Pass
Vertical	5929.239	19.658	32.788	52.446	-15.754	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) -Channel 151 (5755MHz)

RF Radiated Measurement:

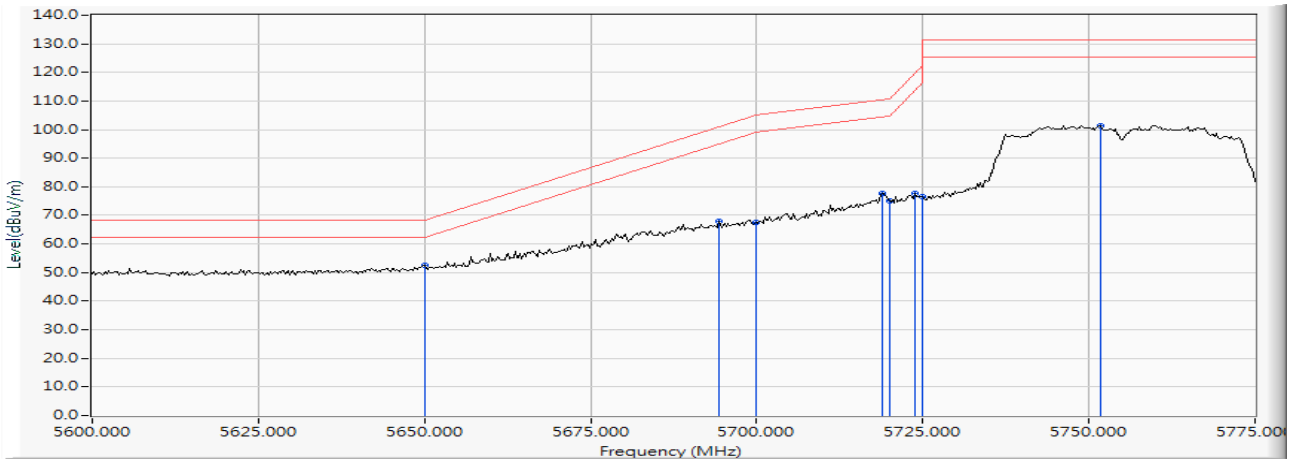
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV /m)	Margin (dB)	Limit (dBµV /m)	Result
Horizontal	5647.681	18.745	33.952	52.698	-15.522	68.220	Pass
Horizontal	5650.000	18.752	33.326	52.077	-16.143	68.220	Pass
Horizontal	5695.109	18.851	49.136	67.987	-33.596	101.583	Pass
Horizontal	5700.000	18.861	47.075	65.937	-39.263	105.200	Pass
Horizontal	5718.949	18.905	57.775	76.680	-33.826	110.506	Pass
Horizontal	5720.000	18.907	54.994	73.901	-36.899	110.800	Pass
Horizontal	5723.261	18.916	58.505	77.421	-40.814	118.235	Pass
Horizontal	5725.000	18.920	56.440	75.360	-46.840	122.200	Pass
Horizontal	5760.290	19.003	82.140	101.142	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) -Channel 151 (5755MHz)

RF Radiated Measurement:

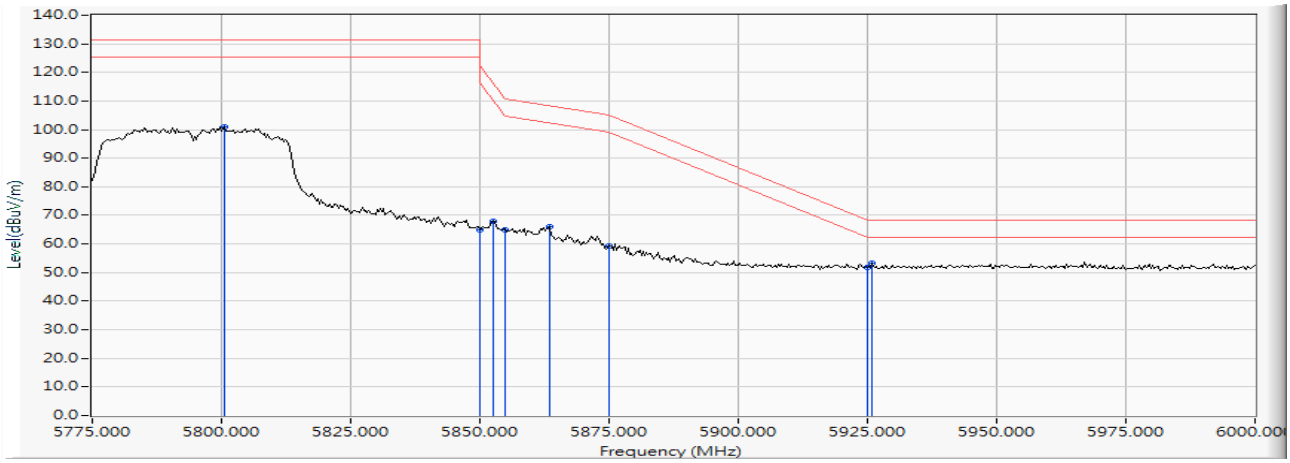
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5650.000	18.752	33.706	52.457	-15.763	68.220	Pass
Vertical	5694.348	18.849	49.159	68.009	-33.011	101.020	Pass
Vertical	5700.000	18.861	48.619	67.481	-37.719	105.200	Pass
Vertical	5718.949	18.905	58.739	77.644	-32.862	110.506	Pass
Vertical	5720.000	18.907	56.114	75.021	-35.779	110.800	Pass
Vertical	5723.768	18.917	58.773	77.690	-41.701	119.391	Pass
Vertical	5725.000	18.920	57.553	76.473	-45.727	122.200	Pass
Vertical	5751.667	18.979	82.525	101.504	--	--	--



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) -Channel 159 (5795MHz)

RF Radiated Measurement:

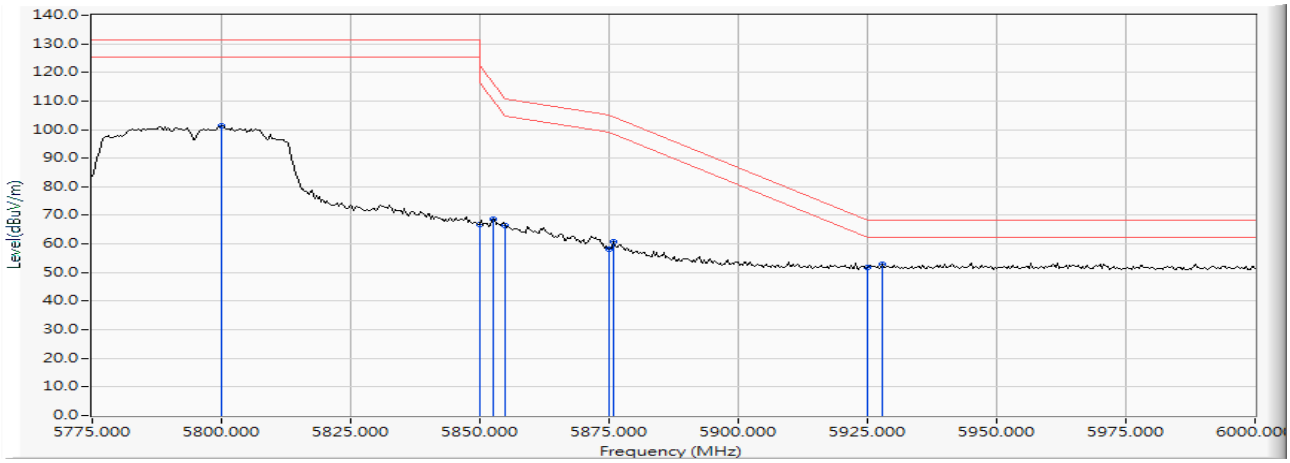
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5800.435	19.164	81.742	100.907	--	--	--
Horizontal	5850.000	19.353	45.748	65.101	-57.099	122.200	Pass
Horizontal	5852.609	19.362	48.604	67.966	-48.285	116.251	Pass
Horizontal	5855.000	19.370	45.747	65.117	-45.683	110.800	Pass
Horizontal	5863.370	19.396	46.518	65.915	-42.541	108.456	Pass
Horizontal	5875.000	19.447	39.772	59.219	-45.981	105.200	Pass
Horizontal	5925.000	19.643	32.123	51.765	-16.435	68.200	Pass
Horizontal	5925.978	19.646	33.821	53.467	-14.733	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) -Channel 159 (5795MHz)

RF Radiated Measurement:

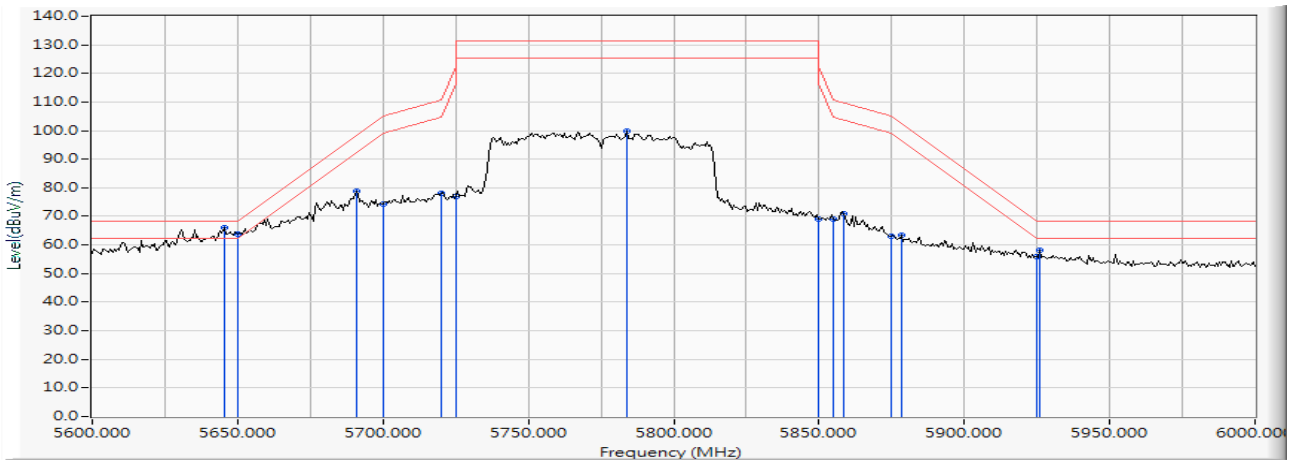
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5800.109	19.164	82.185	101.348	--	--	--
Vertical	5850.000	19.353	47.398	66.751	-55.449	122.200	Pass
Vertical	5852.609	19.362	49.433	68.795	-47.456	116.251	Pass
Vertical	5855.000	19.370	46.970	66.340	-44.460	110.800	Pass
Vertical	5875.000	19.447	38.917	58.364	-46.836	105.200	Pass
Vertical	5875.761	19.450	41.262	60.712	-43.925	104.637	Pass
Vertical	5925.000	19.643	31.994	51.636	-16.564	68.200	Pass
Vertical	5927.935	19.653	33.308	52.961	-15.239	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) -Channel 155 (5775MHz)

RF Radiated Measurement:

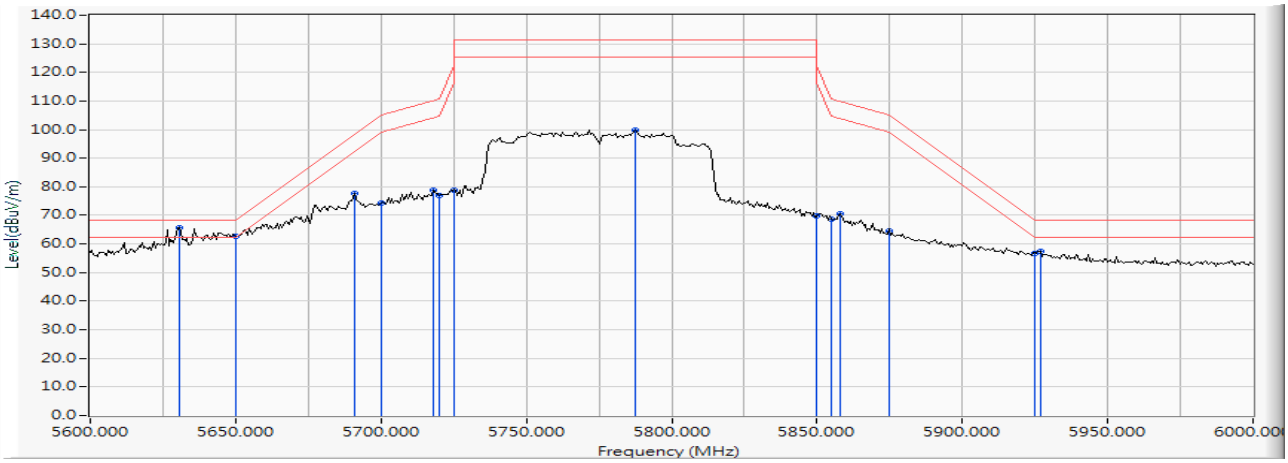
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5645.217	18.740	47.137	65.877	-2.343	68.220	Pass
Horizontal	5650.000	18.752	45.179	63.930	-4.290	68.220	Pass
Horizontal	5691.014	18.842	59.826	78.668	-19.886	98.554	Pass
Horizontal	5700.000	18.861	55.399	74.261	-30.939	105.200	Pass
Horizontal	5720.000	18.907	59.174	78.081	-32.719	110.800	Pass
Horizontal	5725.000	18.920	58.097	77.017	-45.183	122.200	Pass
Horizontal	5783.768	19.092	80.594	99.686	--	--	--
Horizontal	5850.000	19.353	49.582	68.935	-53.265	122.200	Pass
Horizontal	5855.000	19.370	49.773	69.143	-41.657	110.800	Pass
Horizontal	5858.551	19.382	51.525	70.907	-38.899	109.806	Pass
Horizontal	5875.000	19.447	43.717	63.164	-42.036	105.200	Pass
Horizontal	5878.261	19.460	43.918	63.379	-39.408	102.787	Pass
Horizontal	5925.000	19.643	36.178	55.820	-12.380	68.200	Pass



Product : Intel® Dual Band Wireless-AC 7265
Test Item : Band Edge Data
Test Site : CB8
Test date : 2016.10.05
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) -Channel 155 (5775MHz)

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5630.725	18.709	46.842	65.551	-2.669	68.220	Pass
Vertical	5650.000	18.752	44.072	62.823	-5.397	68.220	Pass
Vertical	5691.014	18.842	58.666	77.508	-21.046	98.554	Pass
Vertical	5700.000	18.861	55.316	74.178	-31.022	105.200	Pass
Vertical	5718.261	18.904	59.868	78.771	-31.542	110.313	Pass
Vertical	5720.000	18.907	57.875	76.782	-34.018	110.800	Pass
Vertical	5725.000	18.920	60.039	78.959	-43.241	122.200	Pass
Vertical	5787.246	19.106	80.886	99.992	--	--	--
Vertical	5850.000	19.353	50.334	69.687	-52.513	122.200	Pass
Vertical	5855.000	19.370	49.478	68.848	-41.952	110.800	Pass
Vertical	5857.971	19.380	51.196	70.576	-39.392	109.968	Pass
Vertical	5875.000	19.447	45.046	64.493	-40.707	105.200	Pass
Vertical	5925.000	19.643	37.217	56.859	-11.341	68.200	Pass
Vertical	5926.957	19.650	37.861	57.510	-10.690	68.200	Pass



6. EMI Reduction Method During Compliance Testing

No modification was made during testing.