FCC Test Report
(Class II Permissive Change)

Product Name	Intel® Wireless-AC 9462
Model No	9462D2W
FCC ID	PD99462D2

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

Date of Receipt	Feb. 22, 2018
Issued Date	Apr. 09, 2018
Report No.	1820197R-RFUSP30V00
Report Version	V1.0

Testing Laboratory
3023

Test Report

Issued Date: Apr. 09, 2018
Report No.: 1820197R-RFUSP30V00

Product Name	Intel® Wireless-AC 9462
Applicant	Intel Mobile Communications
Address	100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA
Manufacturer	Intel Mobile Communications
Model No.	9462D2W
FCC ID.	PD99462D2
EUT Rated Voltage	DC 3.3V (via Mini-PCI Express slot)
EUT Test Voltage	DC 3.3V (via Mini-PCI Express slot)
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart E: 2017 ANSI C63.4: 2014, ANSI C63.10: 2013 789033 D02 General UNII Test Procedures New Rules v02
Test Result	Complied

Documented By : Leven Huang

(Senior Adm. Specialist / Leven Huang)

Tested By : Yun Che Chen

(Engineer / Yunche Chen)

Approved By :

(Director / Vincent Lin)

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1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Wireless-AC 9462
Trade Name	Intel
Model No.	9462D2W
FCC ID.	PD99462D2
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 150Mbps 802.11ac-80MHz: up to 433.3MHz
Type of Modulation	802.11a/n/ac:OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna Type	Dipole Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”

Antenna List:

No.	Manufacturer	Part No .	Antenna type	Peak Gain
1	WIESON Technologies co ., ltd	GY121HT0321-003-H / GY121C888-001-H(Main)、GY121HT0321-003-H / GY121C888-001-H(Aux)	Dipole	2.92dBi for 5.15~5.25GHz 3.19dBi for 5.25~5.35GHz 4.41dBi for 5.47~5.725GHz 4.22dBi for 5.725~5.85GHz

Note: The antenna of EUT is conform to FCC 15.203

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 36:	5180 MHz	Channel 40:	5200 MHz	Channel 44:	5220 MHz	Channel 48:	5240 MHz
Channel 52:	5260 MHz	Channel 56:	5280 MHz	Channel 60:	5300 MHz	Channel 64:	5320 MHz
Channel 100:	5500 MHz	Channel 104:	5520 MHz	Channel 108:	5540 MHz	Channel 112:	5560 MHz
Channel 116:	5580 MHz	Channel 120:	5600 MHz	Channel 124:	5620 MHz	Channel 128:	5640 MHz
Channel 132:	5660 MHz	Channel 136:	5680 MHz	Channel 140:	5700 MHz	Channel 149:	5745 MHz
Channel 153:	5765 MHz	Channel 157:	5785 MHz	Channel 161:	5805 MHz	Channel 165:	5825 MHz

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 38:	5190 MHz	Channel 46:	5230 MHz	Channel 54:	5270 MHz	Channel 62:	5310 MHz
Channel 102:	5510 MHz	Channel 110:	5550 MHz	Channel 118:	5590 MHz	Channel 126:	5630 MHz
Channel 134:	5670 MHz	Channel 151:	5755 MHz	Channel 159:	5795 MHz		

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

Channel	Frequency
Channel 144:	5720 MHz

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

Channel	Frequency
Channel 142:	5710 MHz

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 42:	5210 MHz	Channel 58:	5290 MHz	Channel 106:	5530 MHz	Channel 122:	5610 MHz
Channel 138:	5690 MHz	Channel 155:	5775 MHz				

Note:

1. This device is an Intel® Wireless-AC 9462 built-in WLAN、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:PD99462D2,originally granted on 12/18/2017. The major change filed under this application is:

   Change #1: Addition an new antenna, antenna type is different with the original application.

   (Antenna type: Dipole Antenna)

   #2: Reduce the Output Power through firmware, All other hardware is identical with original granted.

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-20BW-7.2Mbps) Mode 1 SISO A: Transmit (802.11ac-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-20BW-7.2Mbps) Mode 2 SISO B: Transmit (802.11ac-40BW-15Mbps) Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

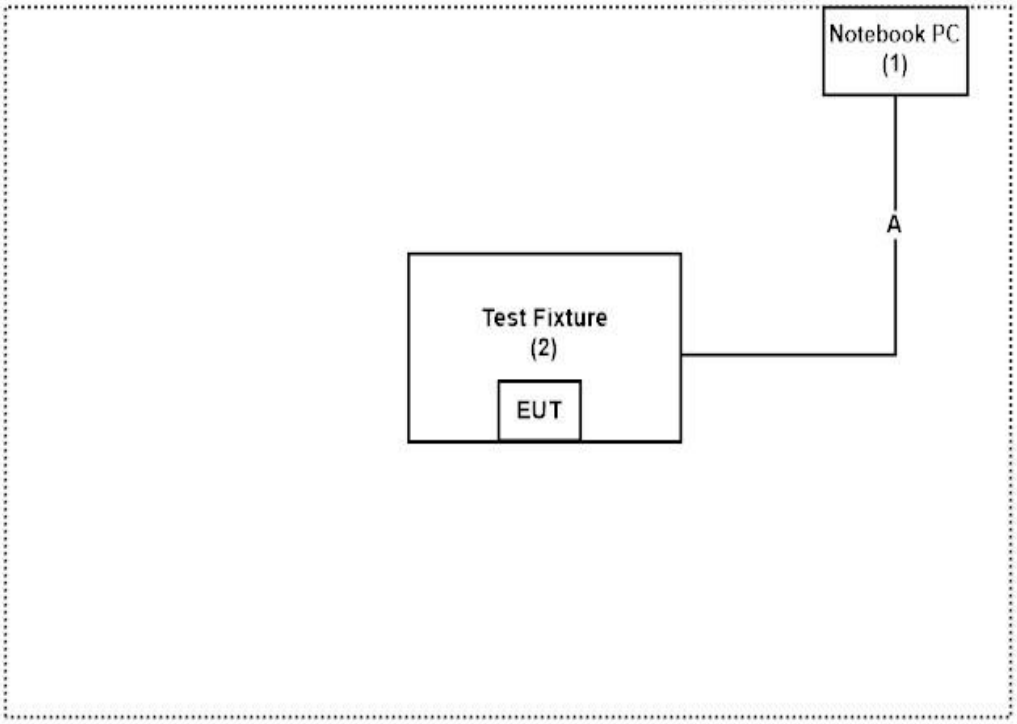
1.3. Tested System Datails

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

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

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

1.4. Configuration of tested System



1.5. EUT Exercise Software

(1) Setup the EUT as shown on 1.4

(2) Execute software “DRTU (Ver 10.1742.0-06126)” on the Notebook PC.

(3) Configure the test mode, the test channel, and the data rate.

(4) Start the continuous transmission.

(5) Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

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

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:
http://www.dekra.com.tw/chinese/about/certificates.aspx?bval=5
The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: http:// www.dekra.com.tw

Site Description: Accredited by TAF
Accredited Number: 3023

Site Name: DEKRA Testing and Certification Co., Ltd
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 : info.tw@dekra.com

FCC Accreditation Number: TW3023

1.7. List of Test Item and Equipment

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Power Meter	Keysight	8990B	MY51000410	2017/8/16	2018/8/15
X	Wideband power sensor	Keysight	N1923A	MY5608003	2017/8/16	2018/8/15
X	Spectrum Analyzer	R&S	FSP40	100170	2018/1/5	2019/1/3
X	Loop Antenna	TESEQ	HLA6121	37133	2018/3/18	2019/3/17
X	Bi-Log Antenna	Schaffner Chase	CBL6112B	2707	2017/6/11	2018/6/10
X	Horn Antenna	ETS-Lindgren	3117	00203761	2017/10/15	2018/10/13
X	Horn Antenna	Schwarzbeck	BBHA9170	209	2017/4/14	2018/4/13
X	Pre-Amplifier	QuieTek	QTK-LK-E-I-AMP4	N/A	2017/6/16	2018/6/15
X	Pre-Amplifier	EMCI	EMC012630SE	980210	2018/1/26	2019/1/24
X	Pre-Amplifier	NARDA WE	DBL-1840N506	013	2017/8/6	2018/8/4
X	Filter	MicroTRON	BRM50701	019	2017/10/20	2018/10/18
X	Filter	Microwave Circuits	N0257881	36681	2017/12/7	2018/12/5
X	Coaxial Cable	QTK(Arnist)	SUCOFLEX 106	L1606-015C	2017/6/23	2018/6/22
X	EMI Test Receiver	R&S	ESCS 30	838251/001	2017/7/21	2018/7/20
X	Coaxial Cable	QTK(Arnist)	RG 214	LC003-RG	2017/6/16	2018/6/15
X	Coaxial signal switch	Anritsu	MP59B	6201415889	2017/6/16	2018/6/15

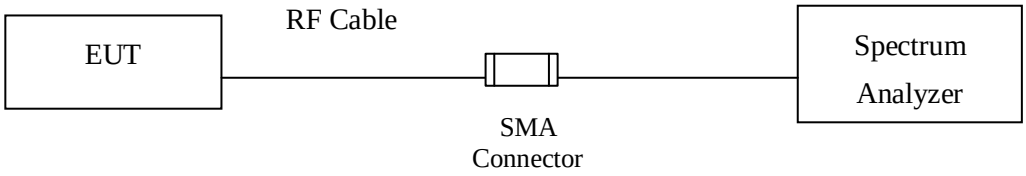
Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version :QuieTek EMI 2.0 V2.1.113.

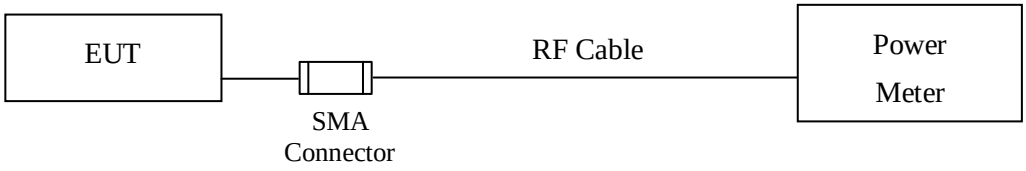
2. Maximun conducted output power

2.1. Test Setup

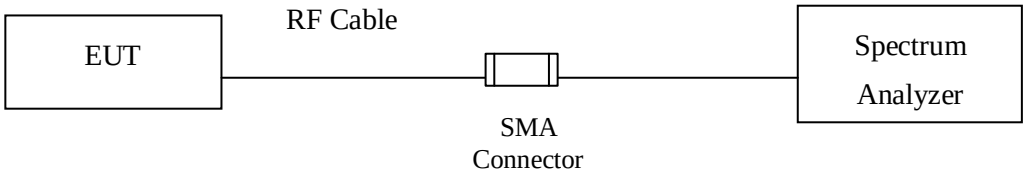
99% Occupied Bandwidth



Conduction Power Measurement (for 802.11an/ac)



Conduction Power Measurement (for 802.11ac)



2.2. Limits

2.2.1. For the band 5.15-5.25 GHz,

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

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

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

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

2.2.2. 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.

2.2.3. 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.

2.3. 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 D03 section D) procedure is used for measurements.

2.4. Uncertainty

± 1.27 dB

2.5. Test Result of Maximum conducted output power

Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
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)								
36	5180	16.06	--	--	--	--	--	--	--	<24dBm
40	5200	16.29	16.14	15.67	15.34	15.26	14.87	14.42	14.15	<24dBm
48	5240	15.98	--	--	--	--	--	--	--	<24dBm
52	5260	20.29	--	--	--	--	--	--	--	<24dBm
56	5280	20.28	19.91	19.75	19.32	19.04	18.59	18.4	17.92	<24dBm
64	5320	17.04	--	--	--	--	--	--	--	<24dBm
100	5500	17.98	--	--	--	--	--	--	--	<24dBm
120	5600	20.13	19.92	19.6	19.26	19.05	18.88	18.59	18.41	<24dBm
140	5700	15.72	--	--	--	--	--	--	--	<24dBm
149	5745	20.02	--	--	--	--	--	--	--	<30dBm
157	5785	20.29	19.93	19.52	19.4	18.95	18.67	18.43	18.29	<30dBm
165	5825	19.97	--	--	--	--	--	--	--	<30dBm

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

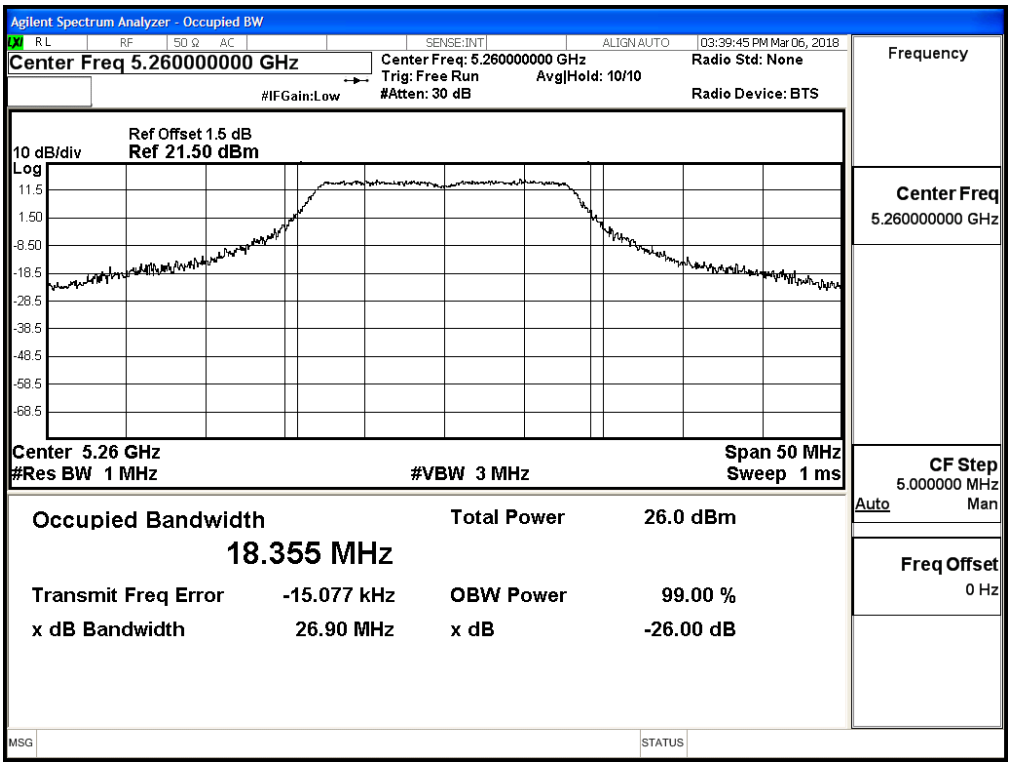
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	16.06	24	--
40	5200	--	16.29	24	--
48	5240	--	15.98	24	--
52	5260	18.355	20.29	24	23.64
56	5280	18.307	20.28	24	23.63
64	5320	18.008	17.04	24	23.55
100	5500	17.943	17.98	24	23.54
120	5600	18.208	20.13	24	23.60
140	5700	18.000	15.72	24	23.55
149	5745	--	20.02	30	--
157	5785	--	20.29	30	--
165	5825	--	19.97	30	--

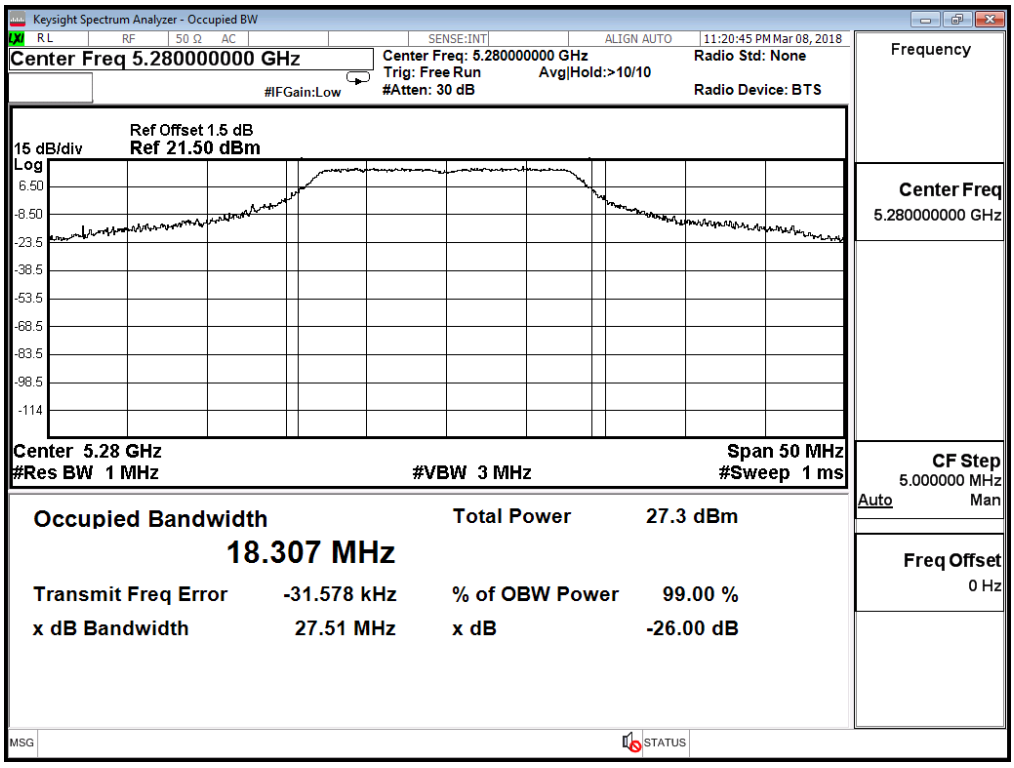
Note: Power Output Value =Reading value on average power meter + Cable loss

99% Occupied Bandwidth:

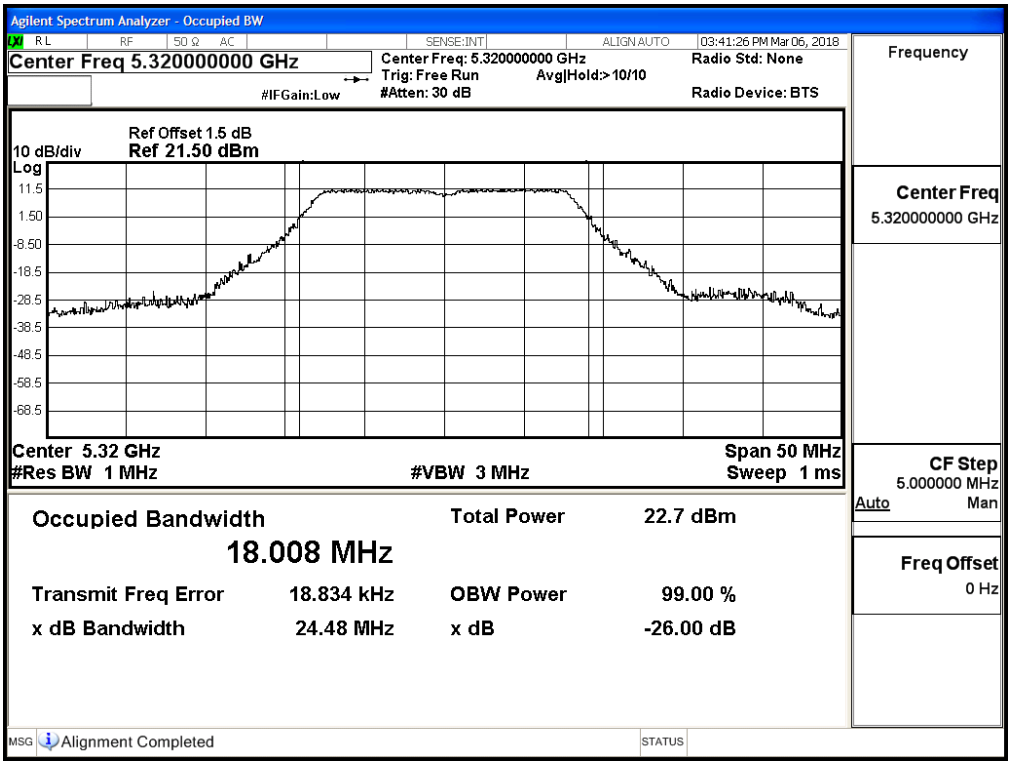
Channel 52:



Channel 56:



Channel 64:



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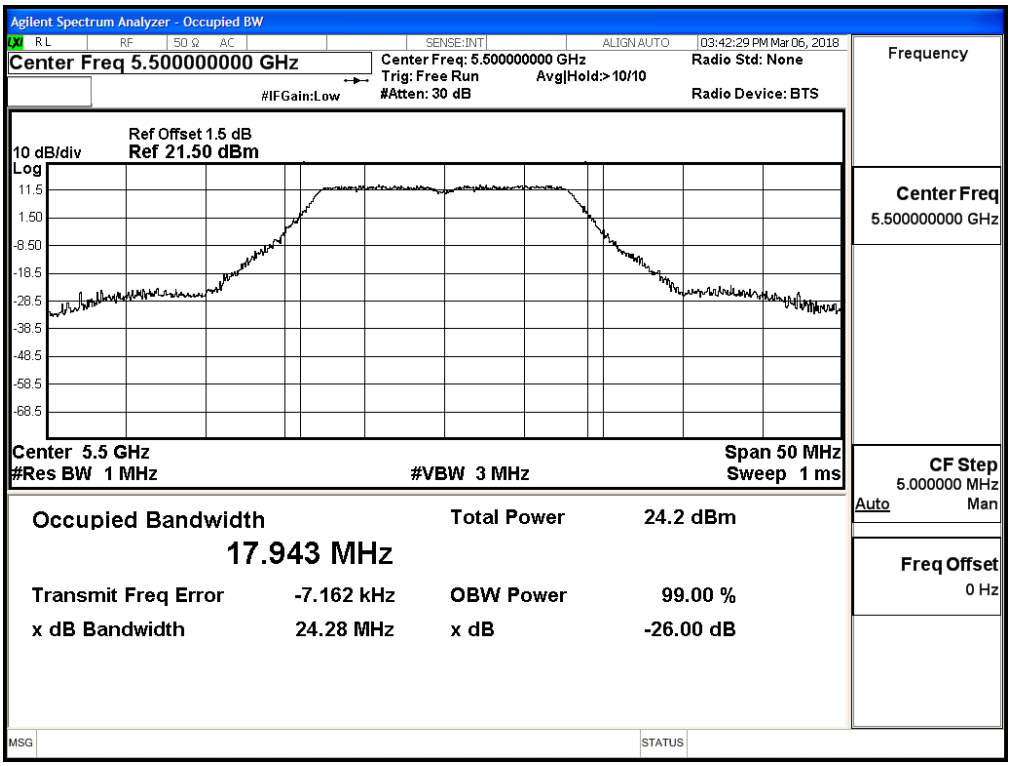
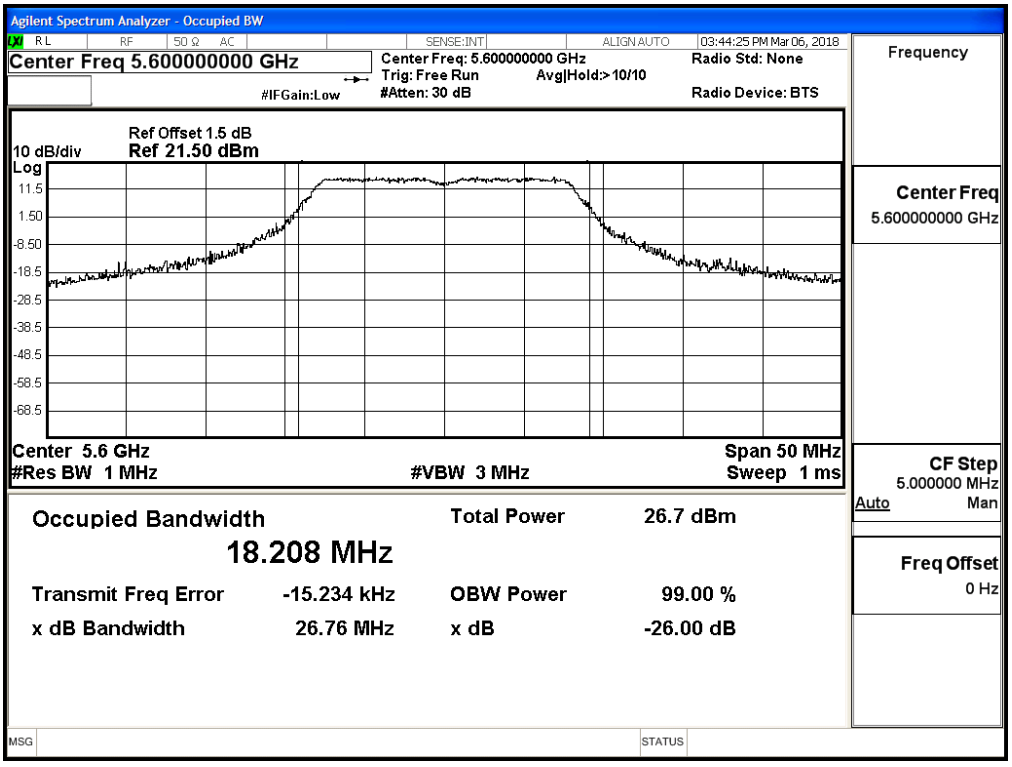
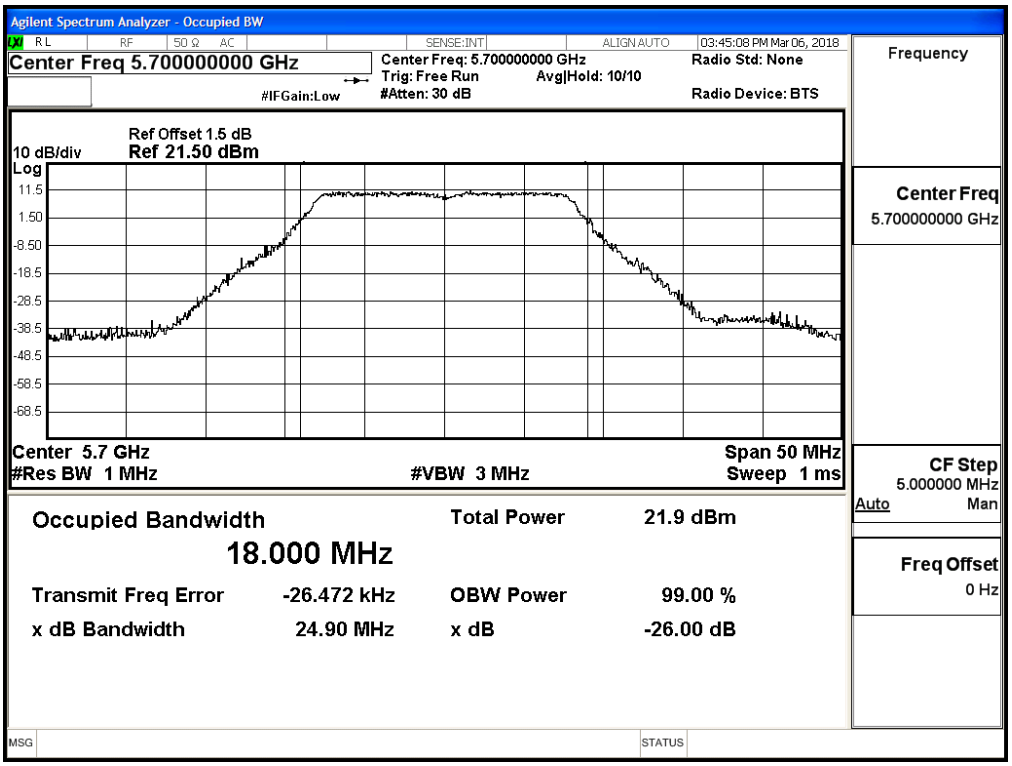


Channel 120:



Channel 140:



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
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)								
36	5180	16.5	--	--	--	--	--	--	--	<24dBm
40	5200	16.05	15.7	15.3	15.05	14.91	14.43	14.12	13.96	<24dBm
48	5240	16.25	--	--	--	--	--	--	--	<24dBm
52	5260	20.13	--	--	--	--	--	--	--	<24dBm
56	5280	19.17	18.76	18.51	18.29	17.93	17.49	17.07	16.91	<24dBm
64	5320	17.04	--	--	--	--	--	--	--	<24dBm
100	5500	18.13	--	--	--	--	--	--	--	<24dBm
120	5600	20.22	19.95	19.54	19.24	18.94	18.66	18.43	18	<24dBm
140	5700	15.89	--	--	--	--	--	--	--	<24dBm
149	5745	19.85	--	--	--	--	--	--	--	<30dBm
157	5785	20.19	20.05	19.91	19.82	19.67	19.36	19.21	19.1	<30dBm
165	5825	20.11	--	--	--	--	--	--	--	<30dBm

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

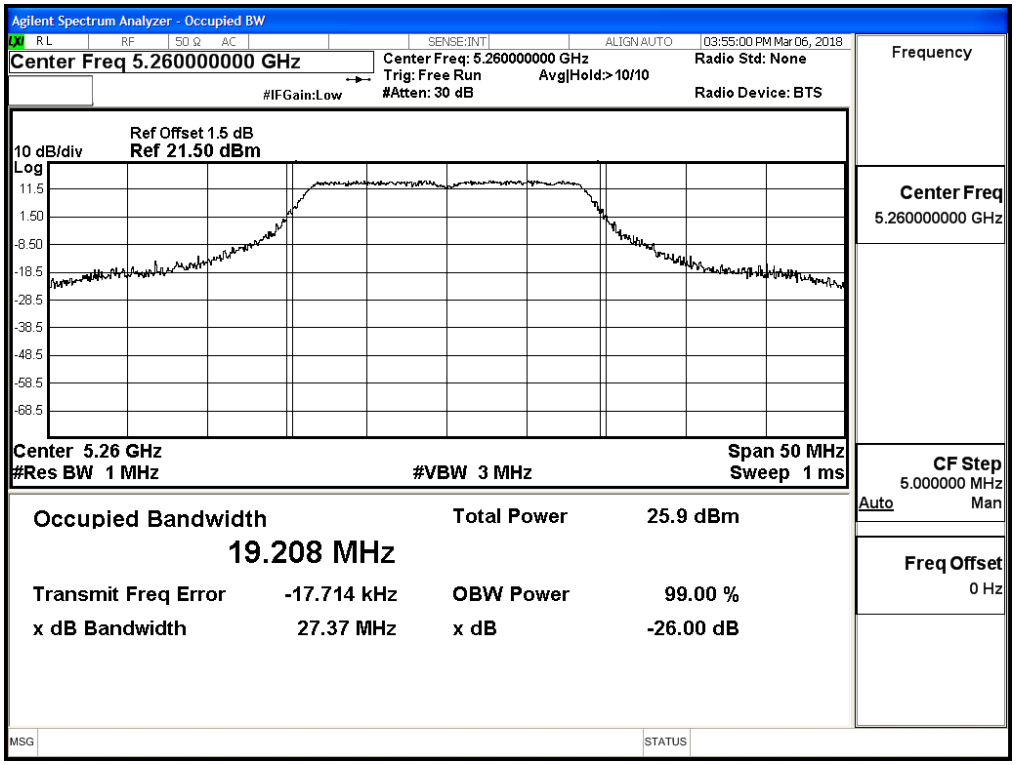
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	16.5	24	--
40	5200	--	16.05	24	--
48	5240	--	16.25	24	--
52	5260	19.208	20.13	24	23.83
56	5280	19.192	19.17	24	23.83
64	5320	18.950	17.04	24	23.78
100	5500	18.908	18.13	24	23.77
120	5600	19.341	20.22	24	23.86
140	5700	18.968	15.89	24	23.78
149	5745	--	19.85	30	--
157	5785	--	20.19	30	--
165	5825	--	20.11	30	--

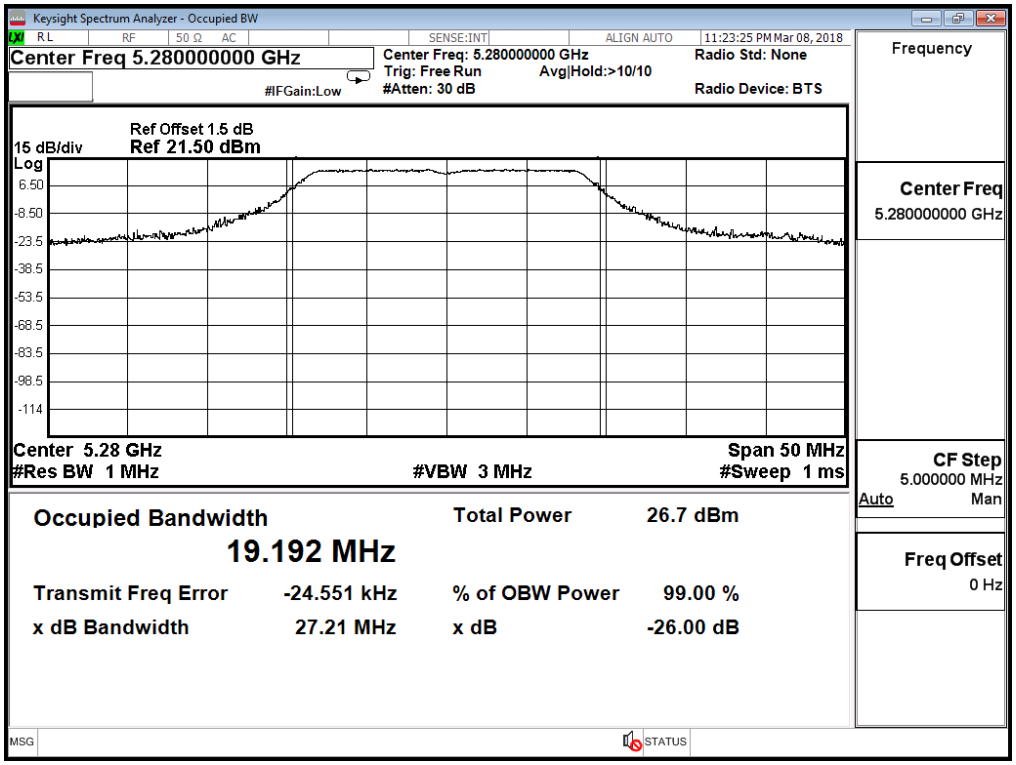
Note: Power Output Value =Reading value on average power meter + Cable loss

99% Occupied Bandwidth:

Channel 52:



Channel 56:



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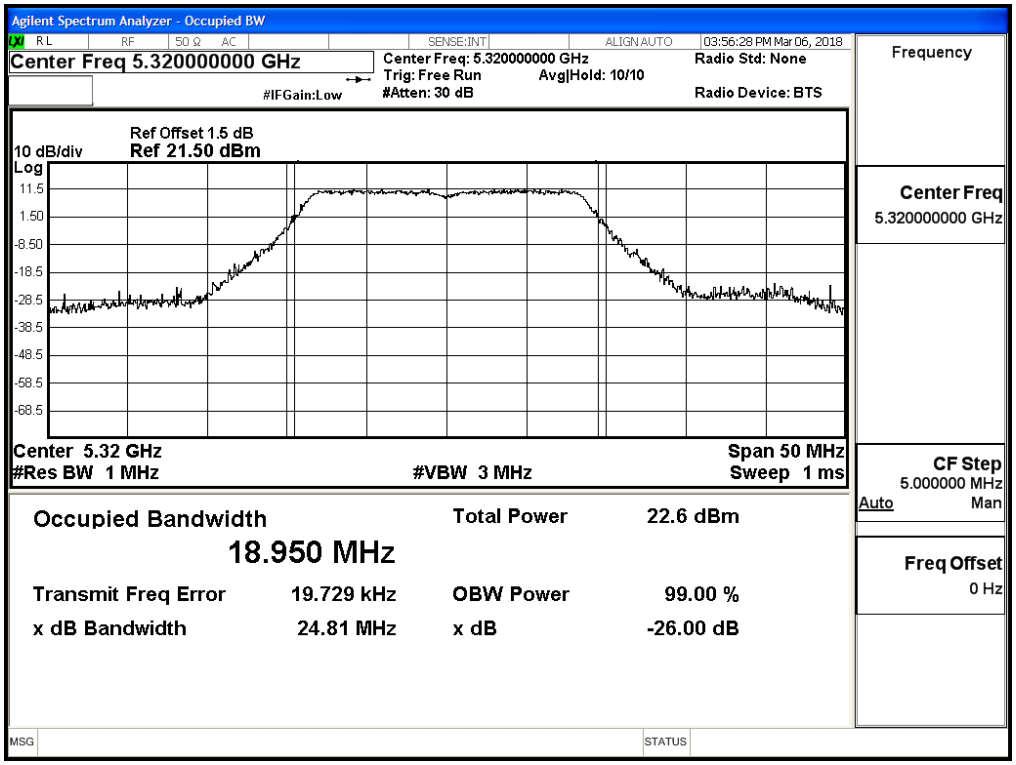

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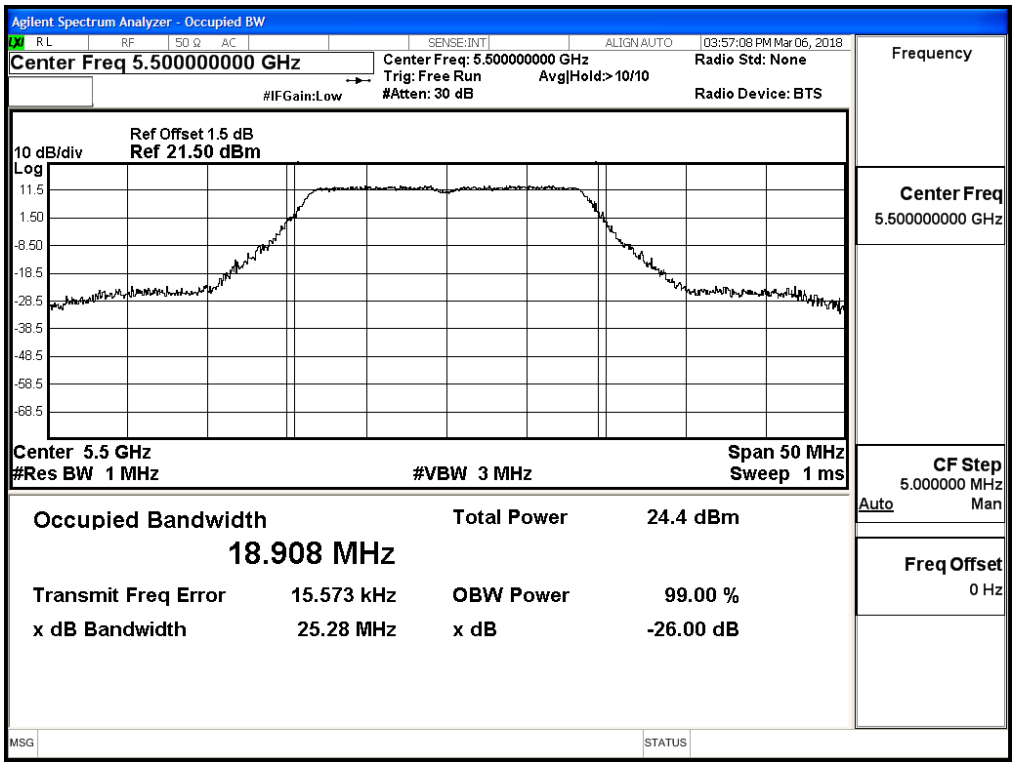

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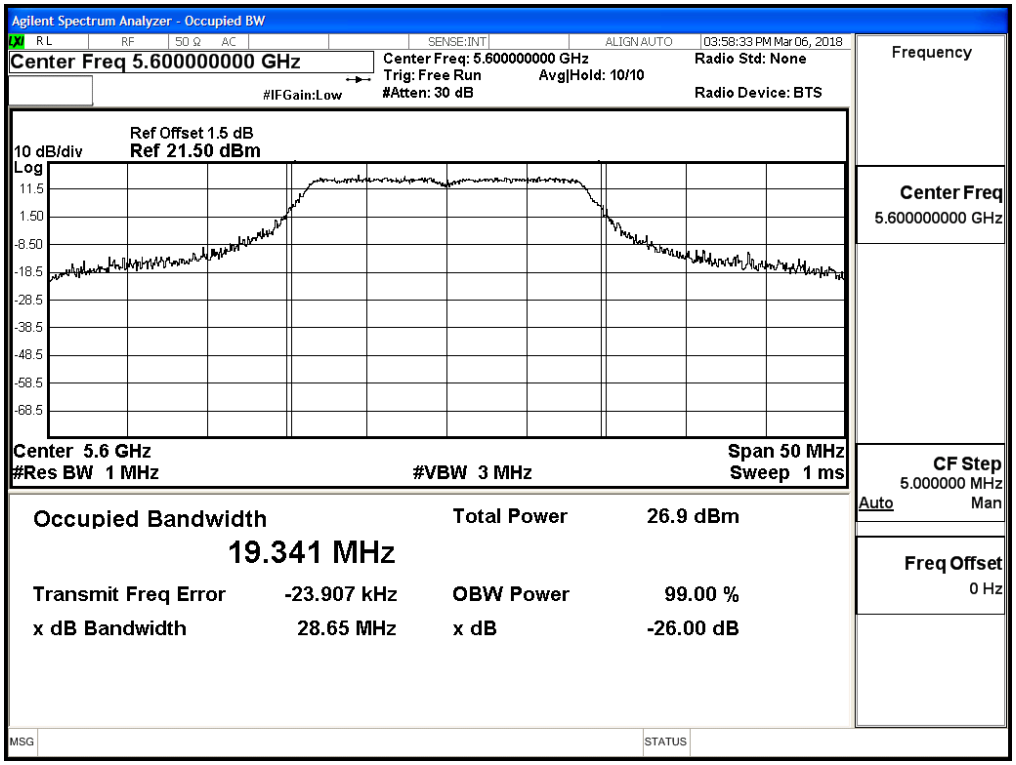
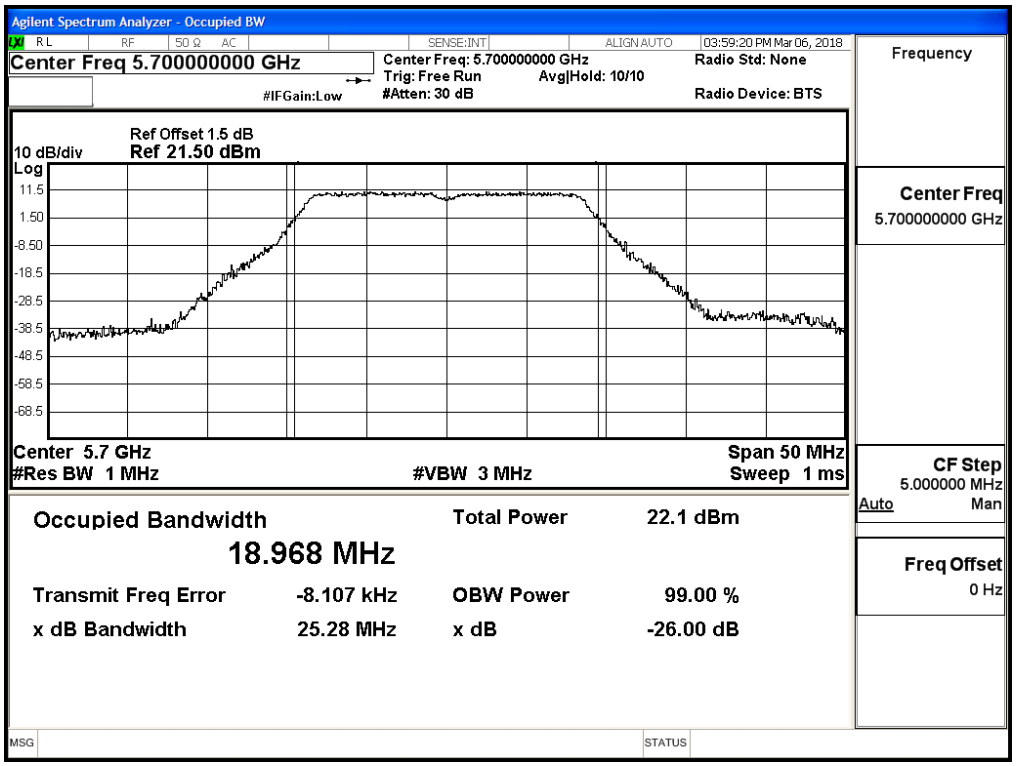


Channel 140:



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
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)								
38	5190	15.11	15.01	14.64	14.38	14.08	13.88	13.55	13.18	<24dBm
46	5230	17.33	--	--	--	--	--	--	--	<24dBm
54	5270	18.73	18.28	17.97	17.82	17.72	17.51	17.05	16.75	<24dBm
62	5310	14.42	--	--	--	--	--	--	--	<24dBm
102	5510	15.22	--	--	--	--	--	--	--	<24dBm
118	5590	20.14	19.74	19.61	19.53	19.2	19.04	18.81	18.63	<24dBm
134	5670	16.28	--	--	--	--	--	--	--	<24dBm
151	5755	15.86	15.65	15.2	14.83	14.37	14.12	13.66	13.18	<30dBm
159	5795	20.03	--	--	--	--	--	--	--	<30dBm

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

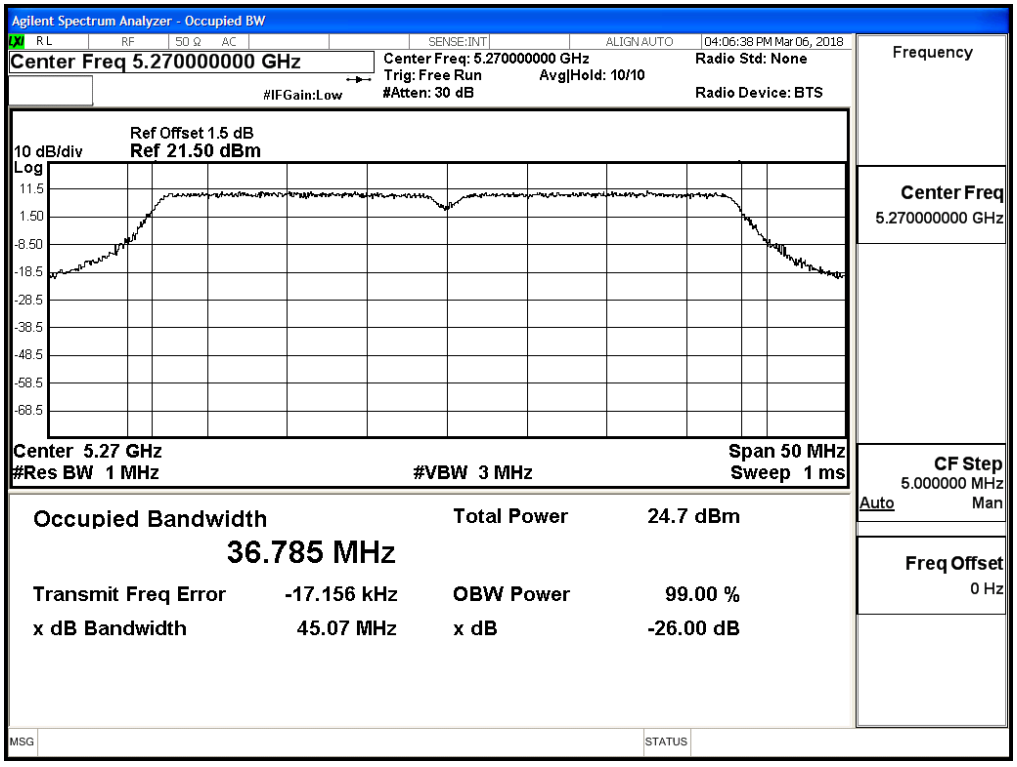
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	15.11	24	--
46	5230	--	17.33	24	--
54	5270	36.785	18.73	24	26.66
62	5310	36.802	14.42	24	26.66
102	5510	36.837	15.22	24	26.66
118	5590	37.296	20.14	24	26.72
134	5670	36.839	16.28	24	26.66
151	5755	--	15.86	30	26.66
159	5795	--	20.03	30	--

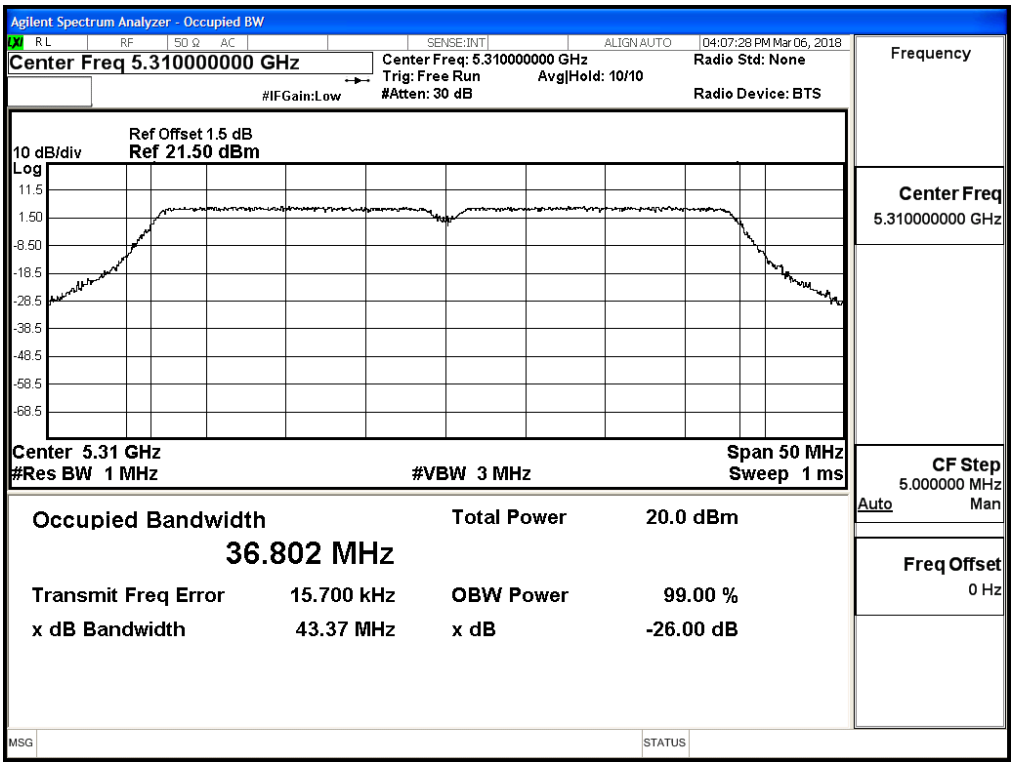
Note: Power Output Value =Reading value on average power meter + Cable loss

99% Occupied Bandwidth:

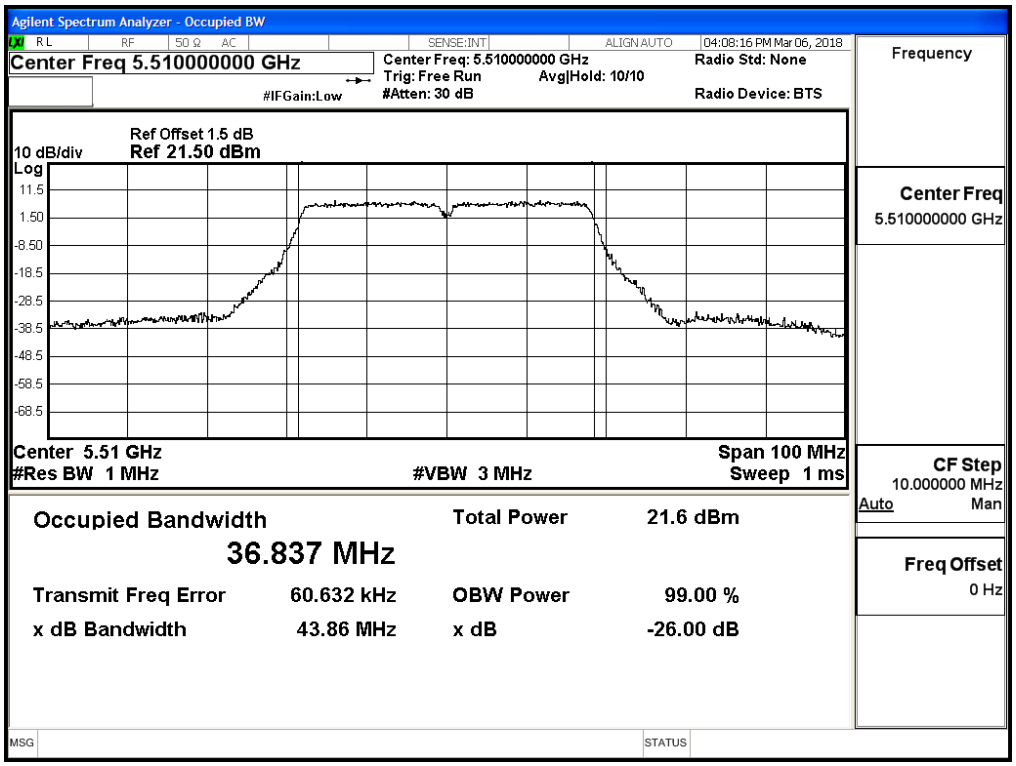
Channel 54:



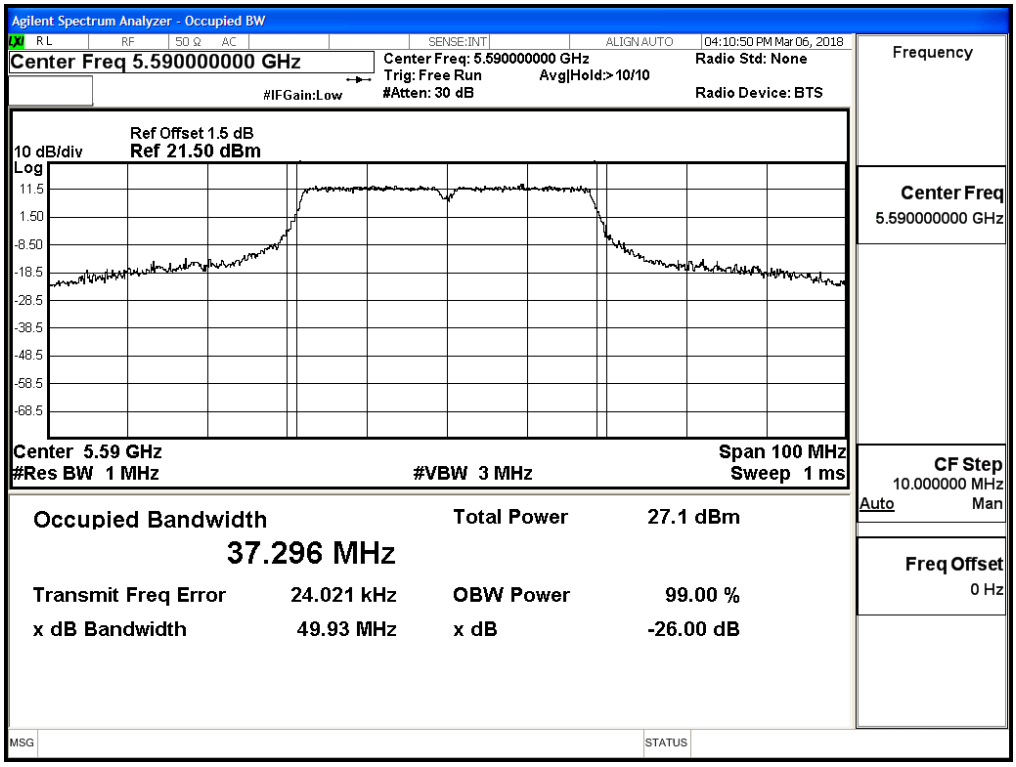
Channel 62:



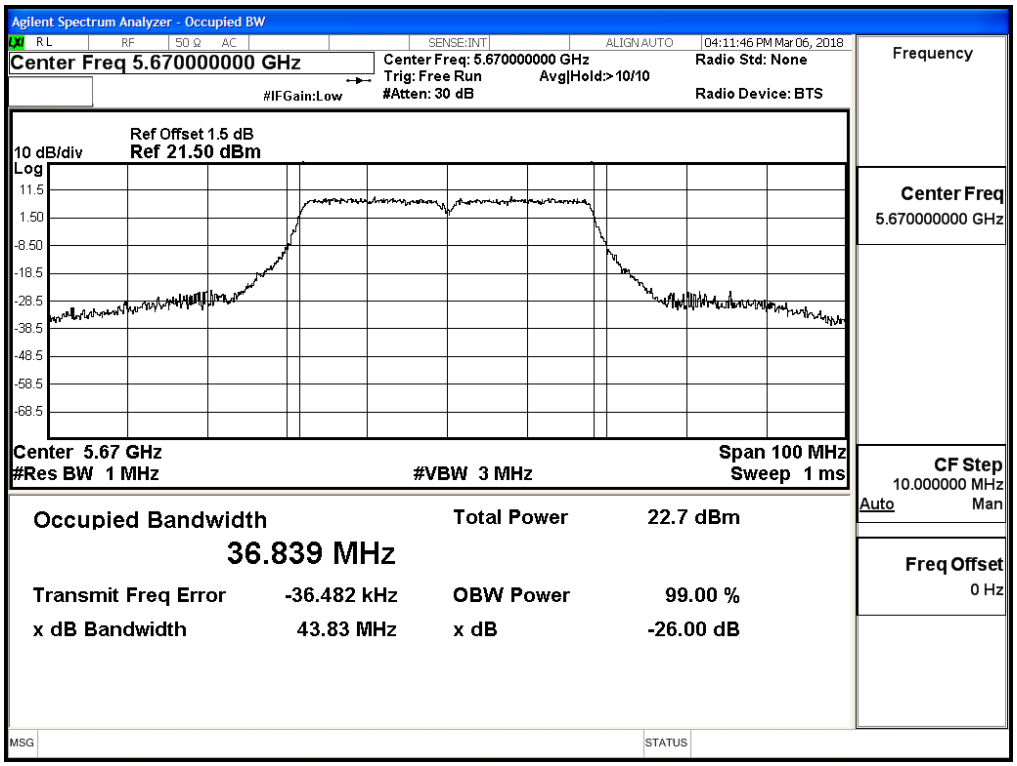
Channel 102:



Channel 118:



Channel 134:


Agilent Spectrum Analyzer - Occupied BW
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:11:46 PM Mar 06, 2018
Center Freq 5.670000000 GHz
#IFGain:Low
Center Freq: 5.670000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Ref Offset 1.5 dB
10 dB/div
Ref 21.50 dBm
Log
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center 5.67 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 100 MHz
Sweep 1 ms
Occupied Bandwidth
36.839 MHz
Total Power 22.7 dBm
Transmit Freq Error -36.482 kHz
OBW Power 99.00 %
x dB Bandwidth 43.83 MHz
x dB -26.00 dB
MSG
STATUS
Frequency
Center Freq
5.670000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz

Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
Test Mode : Mode 1 SISO A: Transmit (802.11ac-20BW-7.2Mbps)

Cable loss=1.5dB		Average Power									
Channel No.	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
		Measurement Level (dBm)									
144 (Band3)	5720	18.68	18.58	18.47	18.39	18.28	18.09	17.92	17.80	17.63	<24dBm
144 (Band4)	5720	13.79	13.59	13.43	13.23	13.10	12.97	12.89	12.73	12.58	<30dBm

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

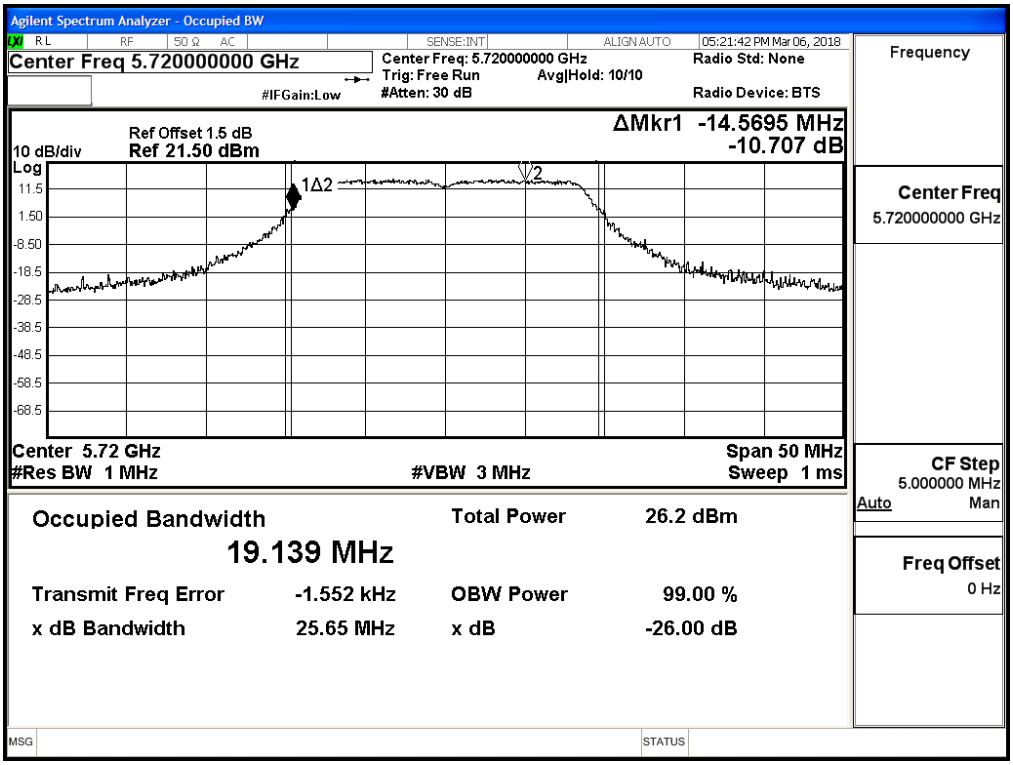
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
144(Band3)	5720	14.570	18.68	24	22.63	Pass
144(Band4)	5720	--	13.79	30	--	Pass

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

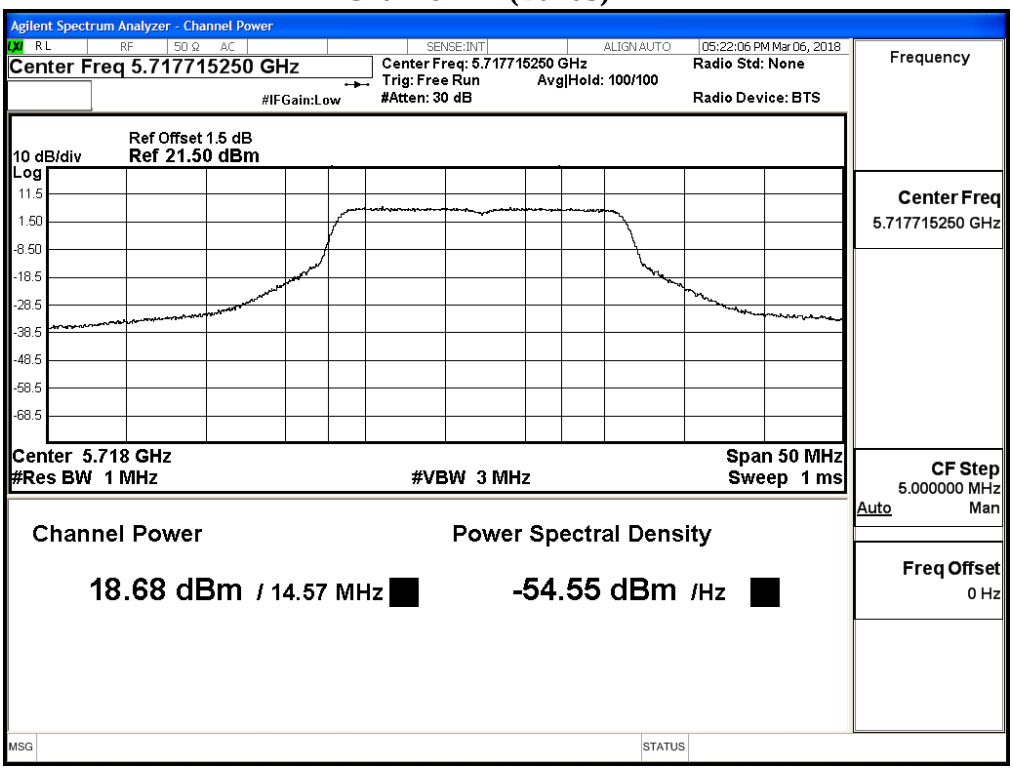
99% Occupied Bandwidth:

Channel 144

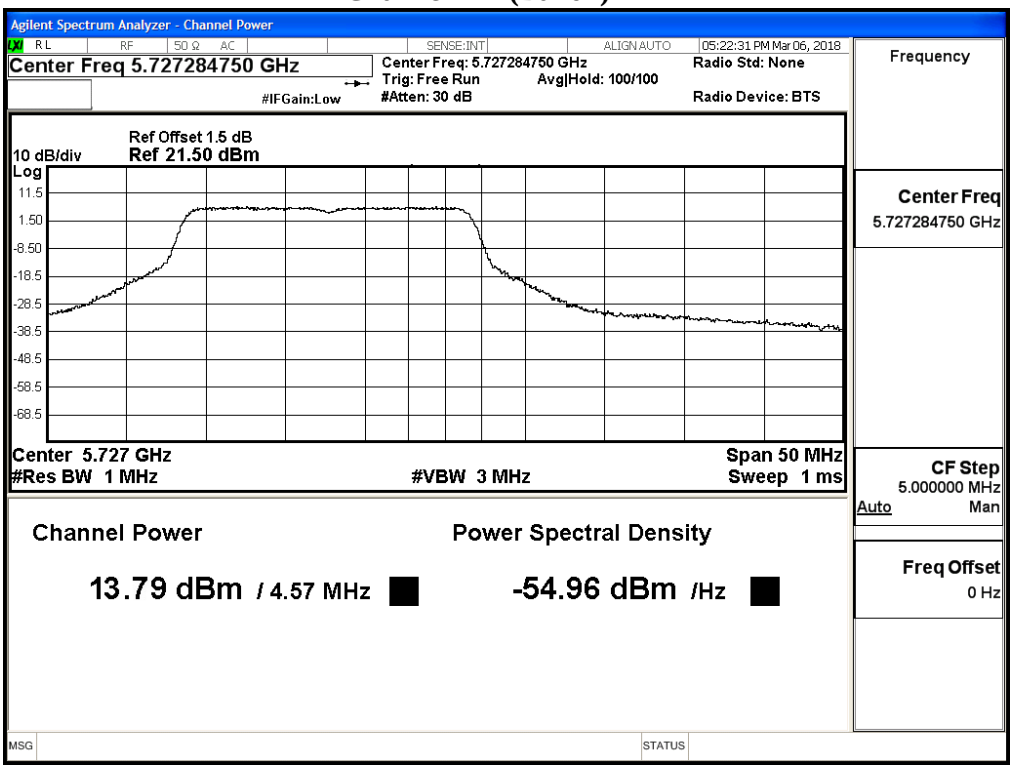


Maximum conducted output power:

Channel 144 (Band3)



Channel 144 (Band4)



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
Test Mode : Mode 1 SISO A: Transmit (802.11ac-40BW-15Mbps)

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	
142F(Band3)	5710	18.82	18.64	18.50	18.42	18.29	18.12	17.97	17.81	17.70	17.58	<24dBm
142F(Band4)	5710	8.69	8.59	8.51	8.38	8.21	8.09	7.99	7.87	7.71	7.56	<30dBm

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

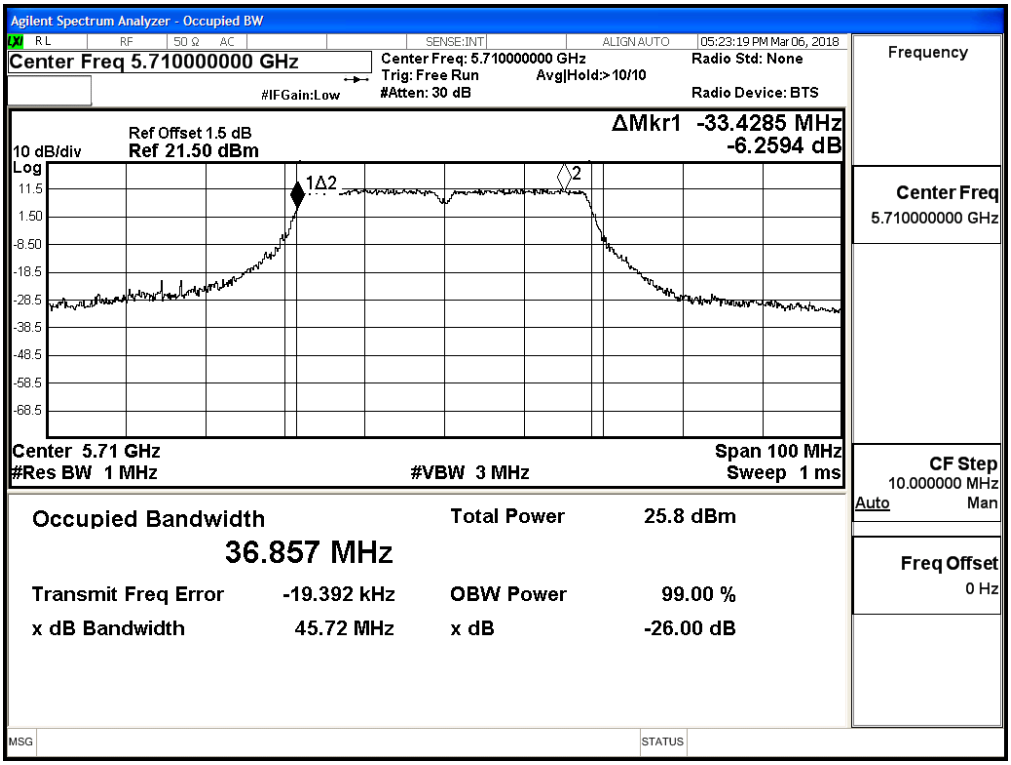
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
142F(Band3)	5710	33.429	18.82	24	26.24	Pass
142F(Band4)	5710	--	8.69	30	--	Pass

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

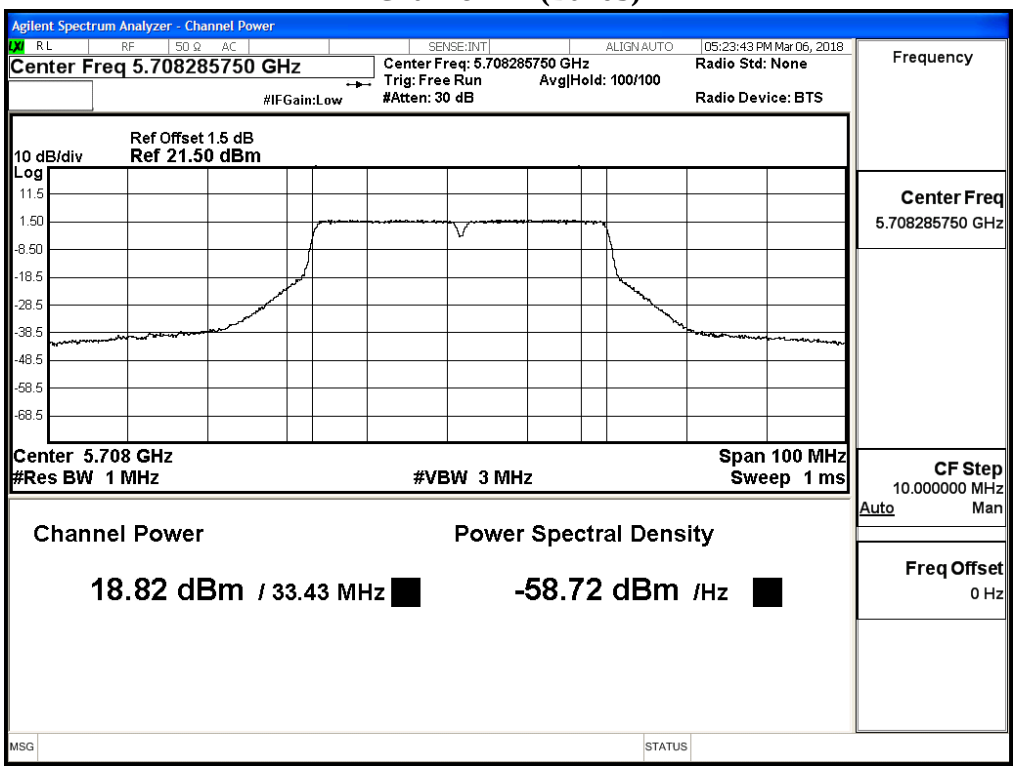
99% Occupied Bandwidth:

Channel 142:

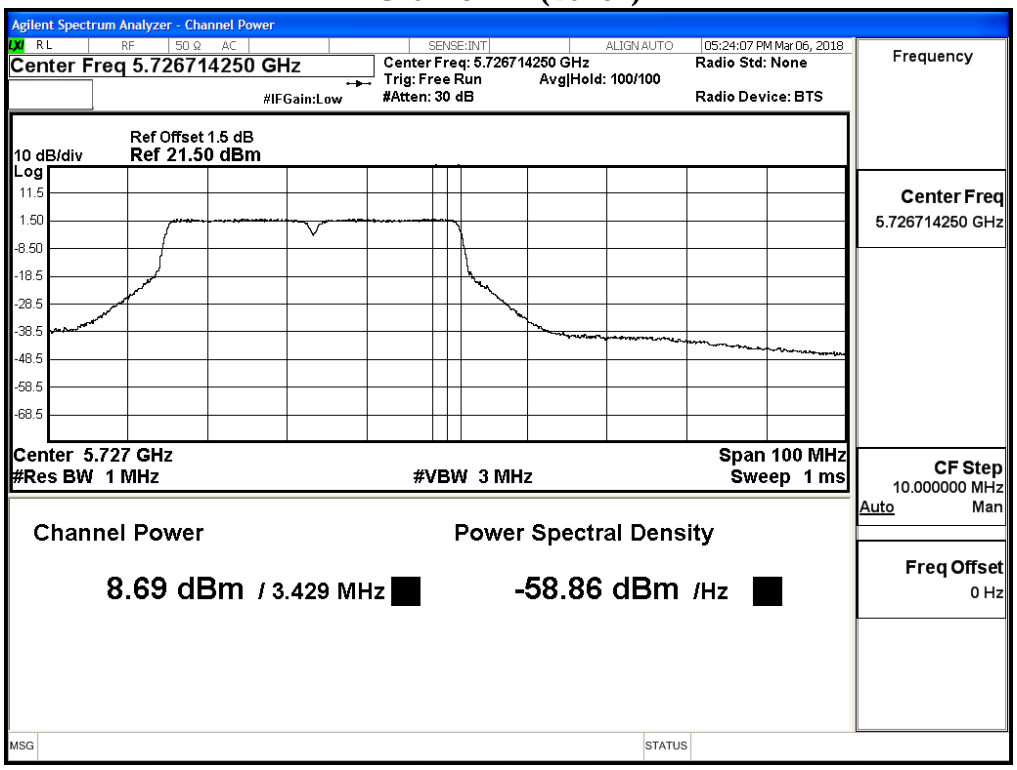


Maximum conducted output power:

Channel 142 (Band3)



Channel 142 (Band4)



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
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	
42	5210	14.23	14.04	13.87	13.71	13.54	13.44	13.26	13.16	13.06	12.88	<24dBm
58	5290	15.09	14.94	14.81	14.64	14.46	14.35	14.18	14.00	13.80	13.71	<24dBm
106	5530	16.56	16.42	16.24	16.04	15.88	15.79	15.71	15.51	15.34	15.17	<24dBm
122	5610	17.05	16.94	16.80	16.71	16.62	16.52	16.40	16.30	16.10	15.98	<24dBm
138(Band3)	5690	19.24	19.10	18.96	18.84	18.71	18.60	18.46	18.38	18.29	18.09	<24dBm
138(Band4)	5690	-0.53	-0.69	-0.80	-0.98	-1.18	-1.27	-1.43	-1.63	-1.71	-1.82	<30dBm
155	5775	13.84	13.65	13.46	13.33	13.15	12.99	12.81	12.61	12.50	12.34	<30dBm

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

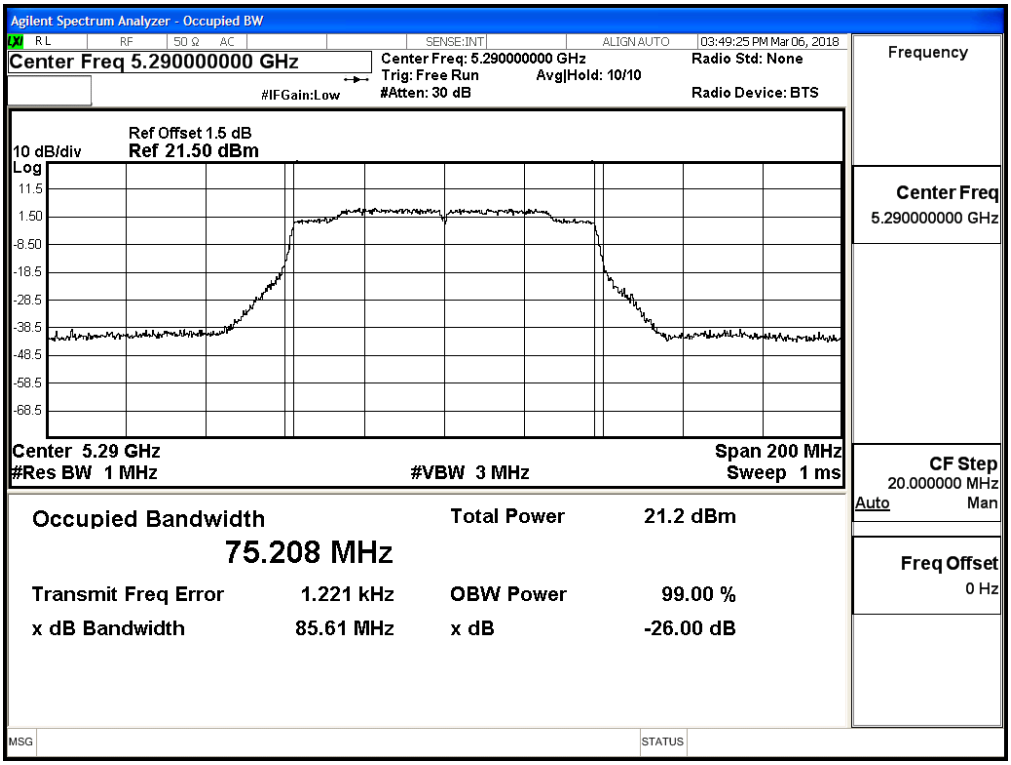
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42	5210	--	14.23	24	--	Pass
58	5290	75.208	15.09	24	29.76	Pass
106	5530	75.113	16.56	24	29.76	Pass
122	5610	75.108	17.05	24	29.76	Pass
138(Band3)	5690	72.607	19.24	24	29.61	Pass
138 (Band4)	5690	--	-0.53	30	--	Pass
155	5775	--	13.84	30	--	Pass

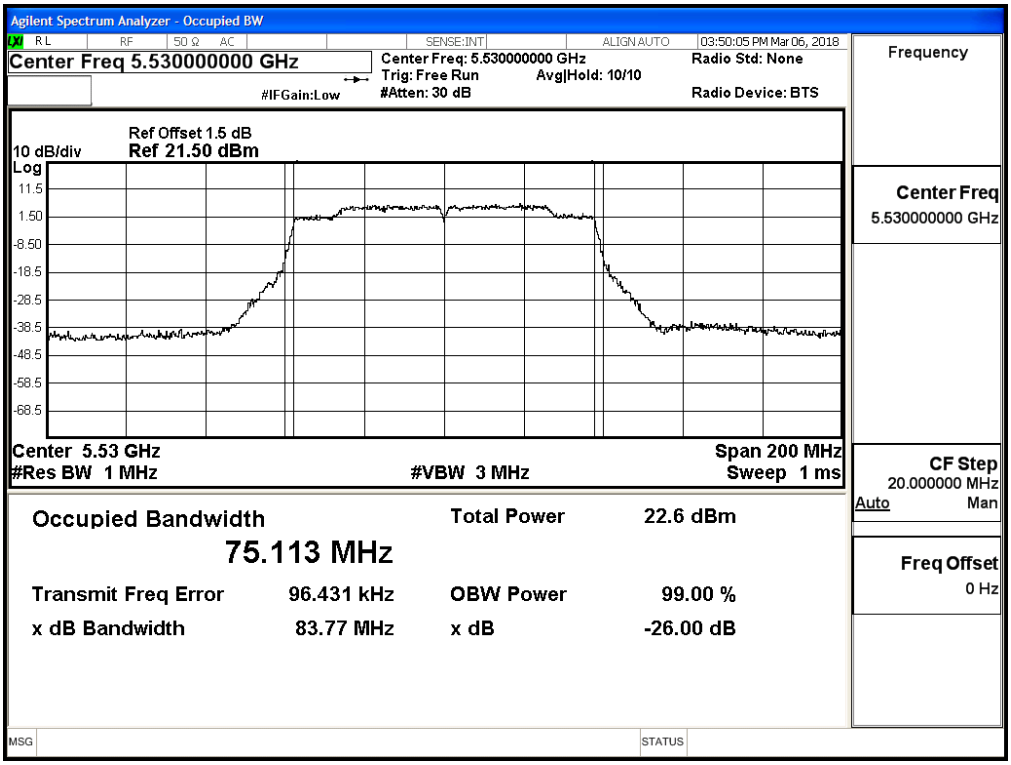
Note: Power Output Value =Reading value on average power meter + Cable loss

99% Occupied Bandwidth:

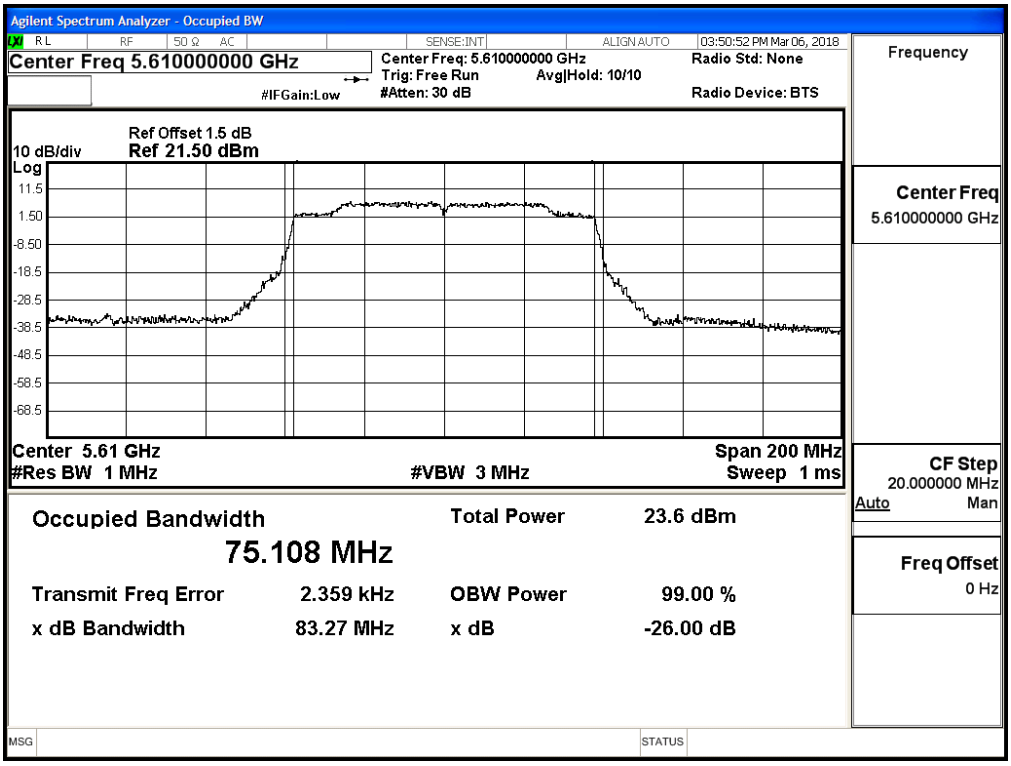
Channel 58:



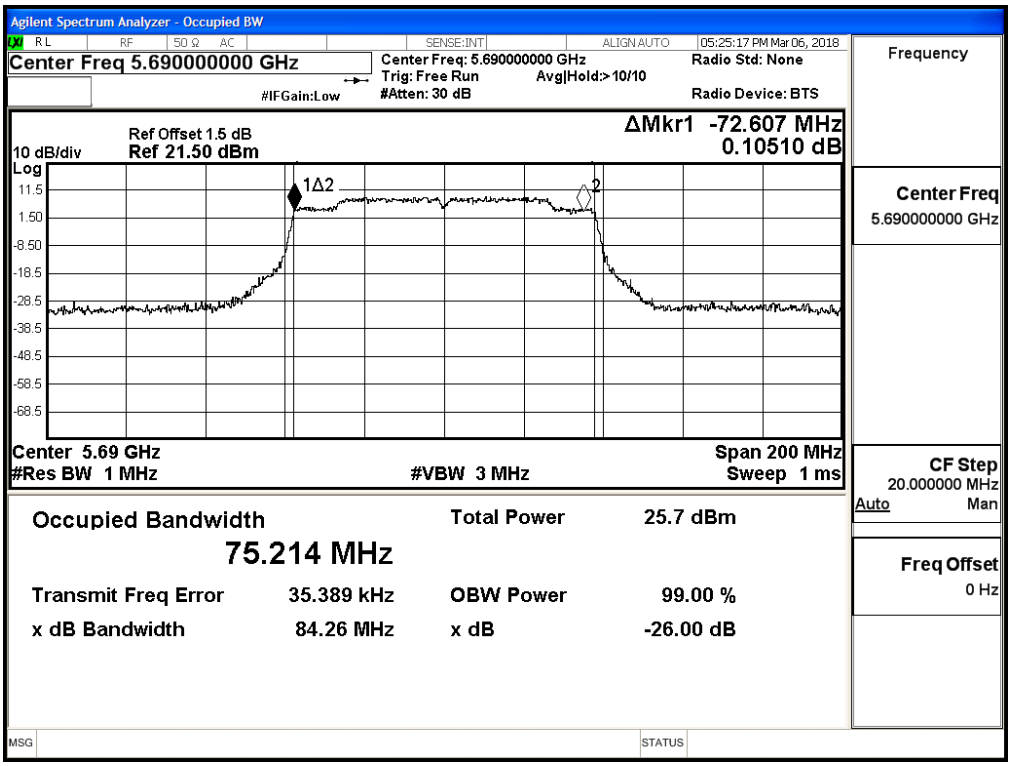
Channel 106:



Channel 122:

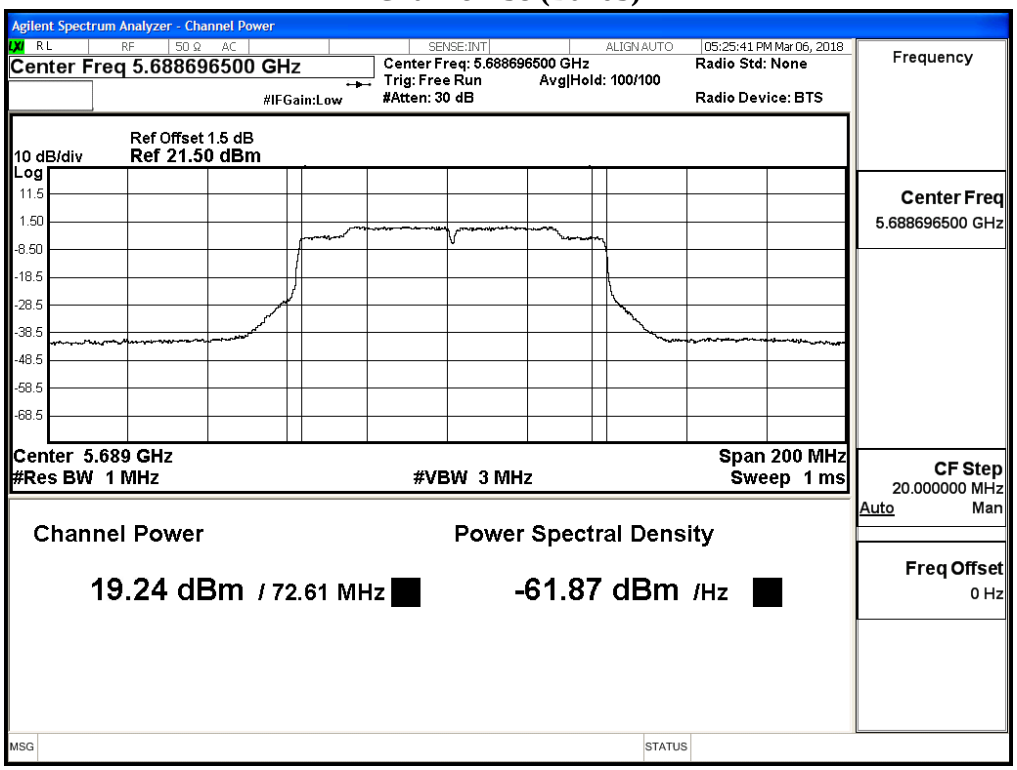


Channel 138:



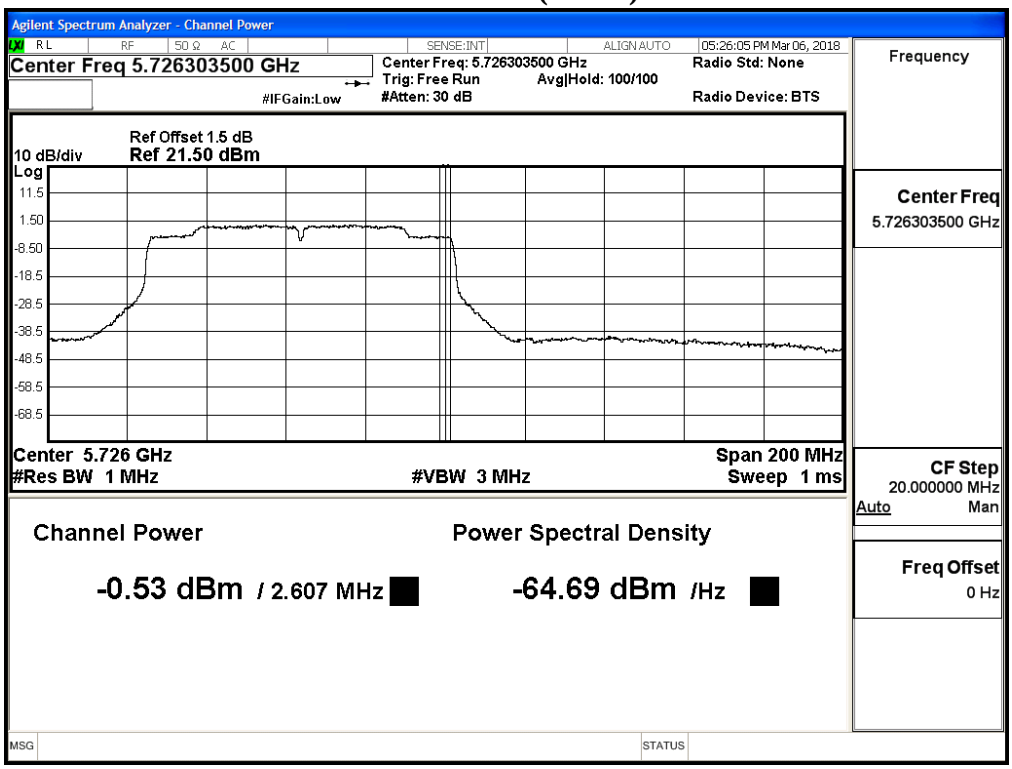
Maximum conducted output power:

Channel 138 (Band3)



Maximum conducted output power:

Channel 138 (Band4)



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
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)								
36	5180	16.34	--	--	--	--	--	--	--	<24dBm
40	5200	15.6	15.42	15.27	15.07	14.92	14.81	14.64	14.46	<24dBm
48	5240	16.07	--	--	--	--	--	--	--	<24dBm
52	5260	20.27	--	--	--	--	--	--	--	<24dBm
56	5280	20.82	20.67	20.5	20.42	20.23	20.15	20.01	19.81	<24dBm
64	5320	17.3	--	--	--	--	--	--	--	<24dBm
100	5500	18.39	--	--	--	--	--	--	--	<24dBm
120	5600	20.46	20.34	20.18	20.06	19.97	19.82	19.64	19.5	<24dBm
140	5700	16.3	--	--	--	--	--	--	--	<24dBm
149	5745	20.17	--	--	--	--	--	--	--	<30dBm
157	5785	21.36	21.24	21.05	20.92	20.83	20.67	20.48	20.34	<30dBm
165	5825	20.32	--	--	--	--	--	--	--	<30dBm

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

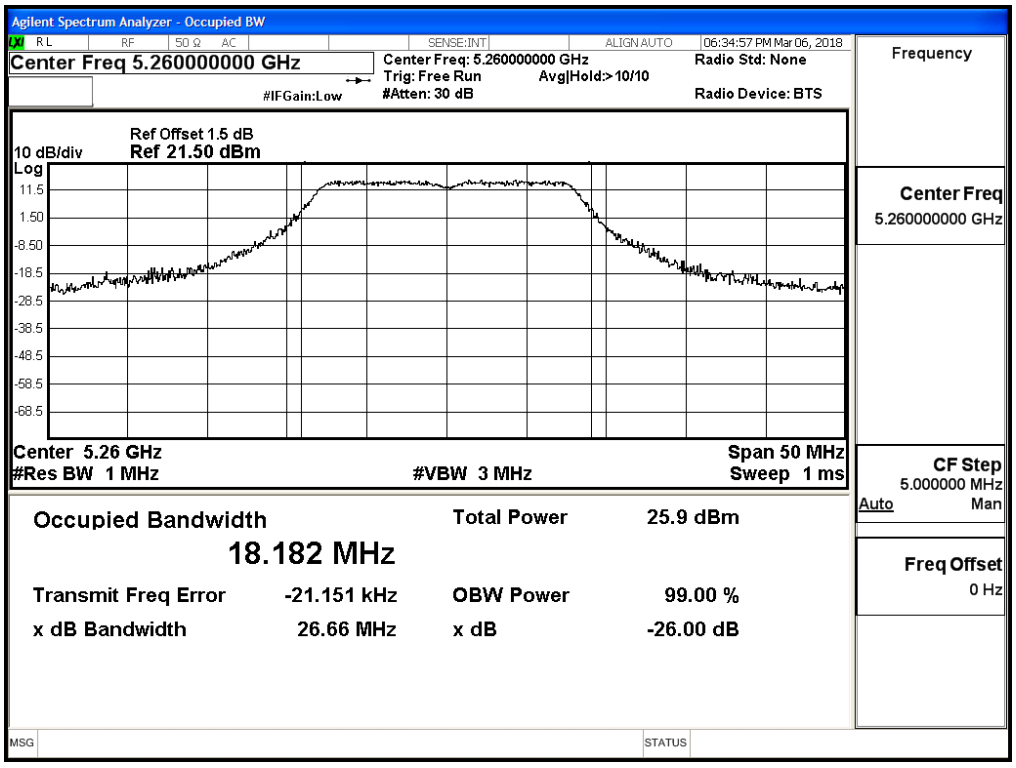
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	16.34	24	--
40	5200	--	15.6	24	--
48	5240	--	16.07	24	--
52	5260	18.182	20.27	24	23.60
56	5280	28.904	20.82	24	25.61
64	5320	17.966	17.3	24	23.54
100	5500	18.017	18.39	24	23.56
120	5600	18.383	20.46	24	23.64
140	5700	17.944	16.3	24	23.54
149	5745	--	20.17	30	--
157	5785	--	21.36	30	--
165	5825	--	20.32	30	--

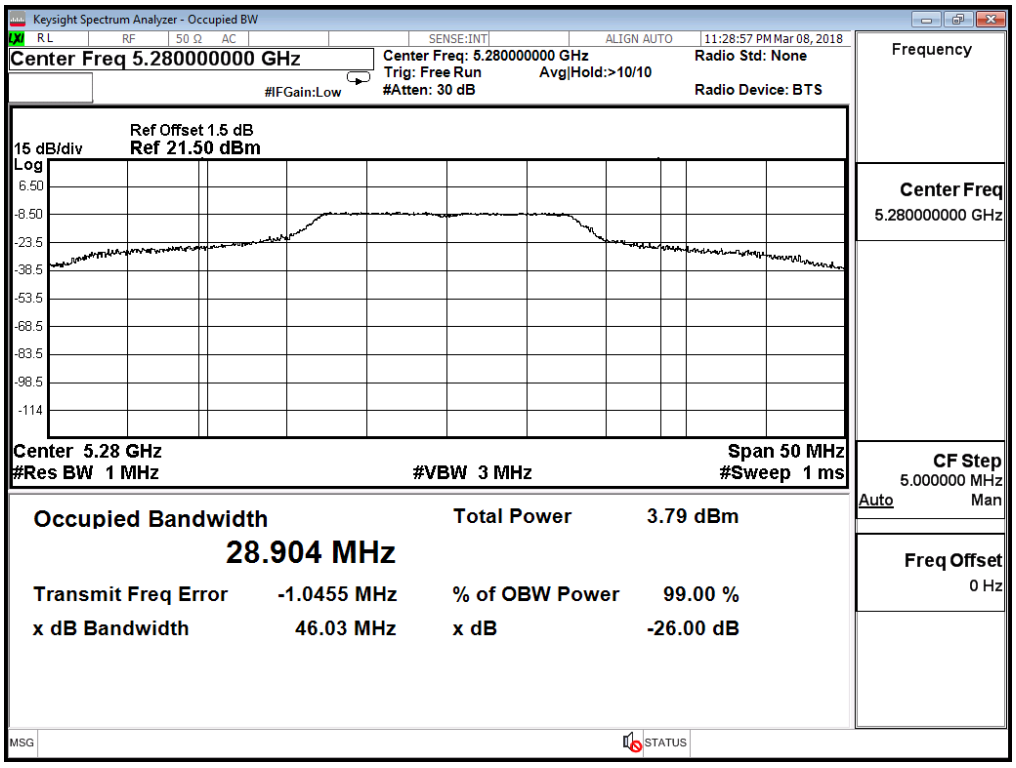
Note: Power Output Value =Reading value on average power meter + Cable loss

99% Occupied Bandwidth:

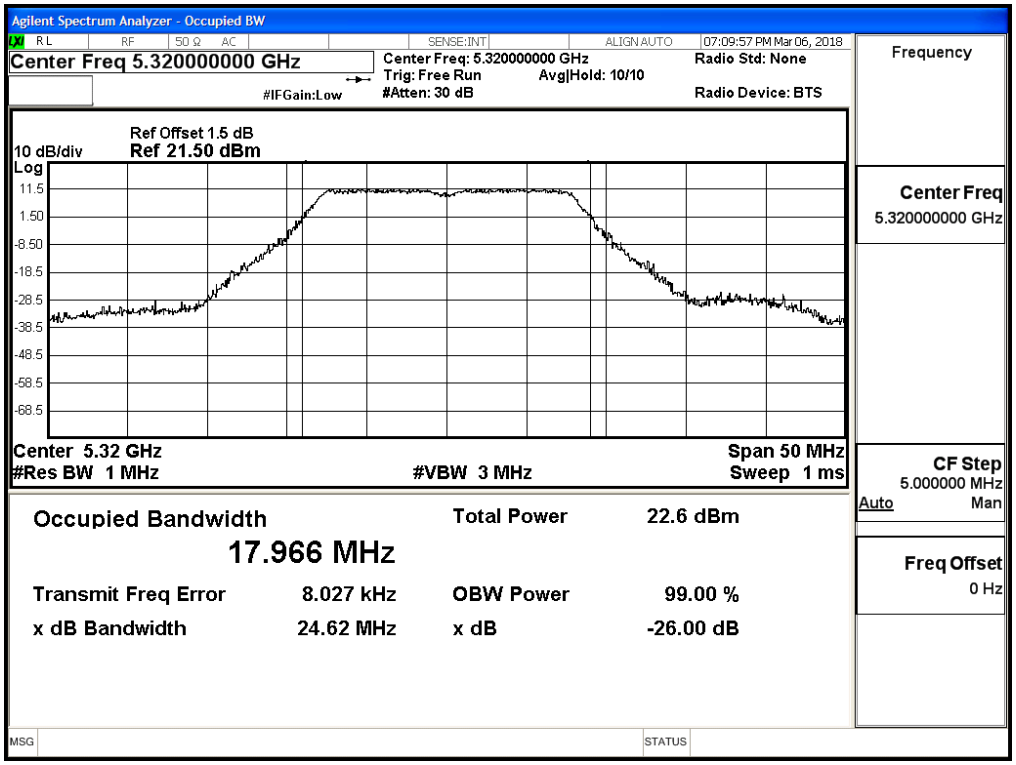
Channel 52:



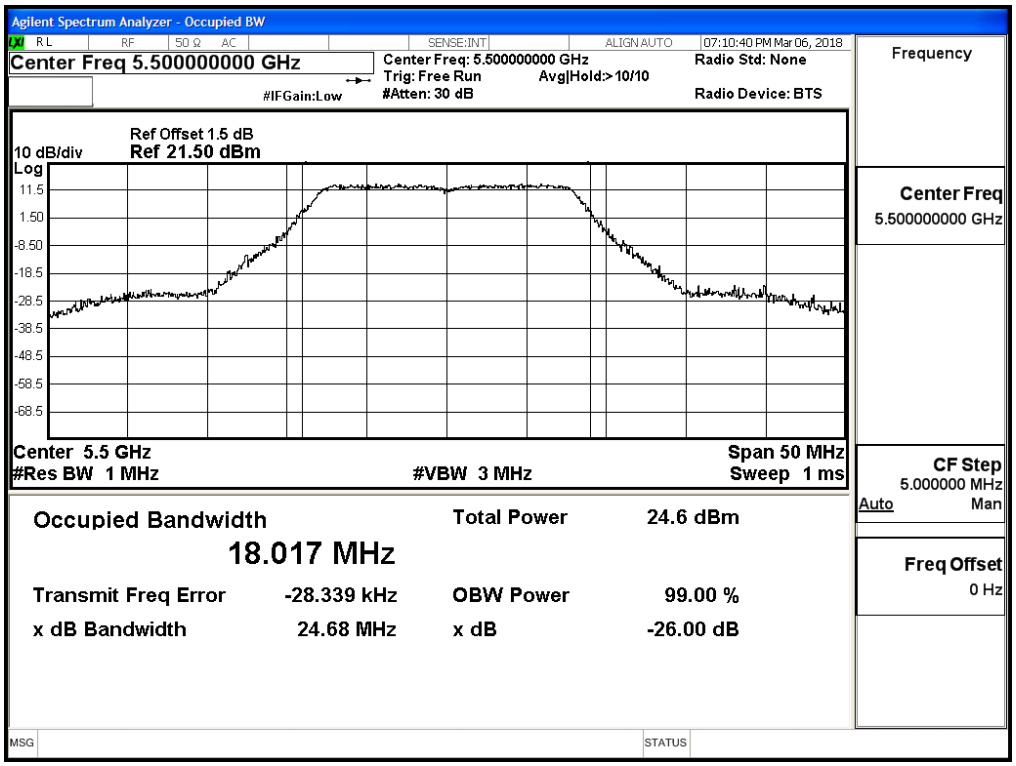
Channel 56:



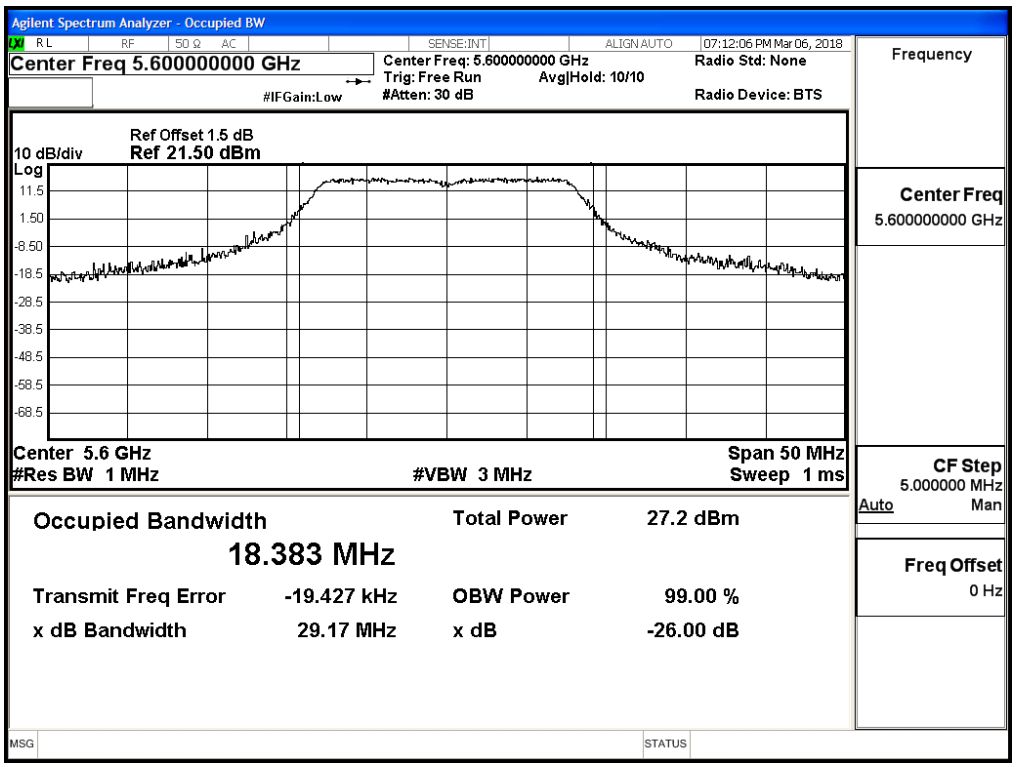
Channel 64:



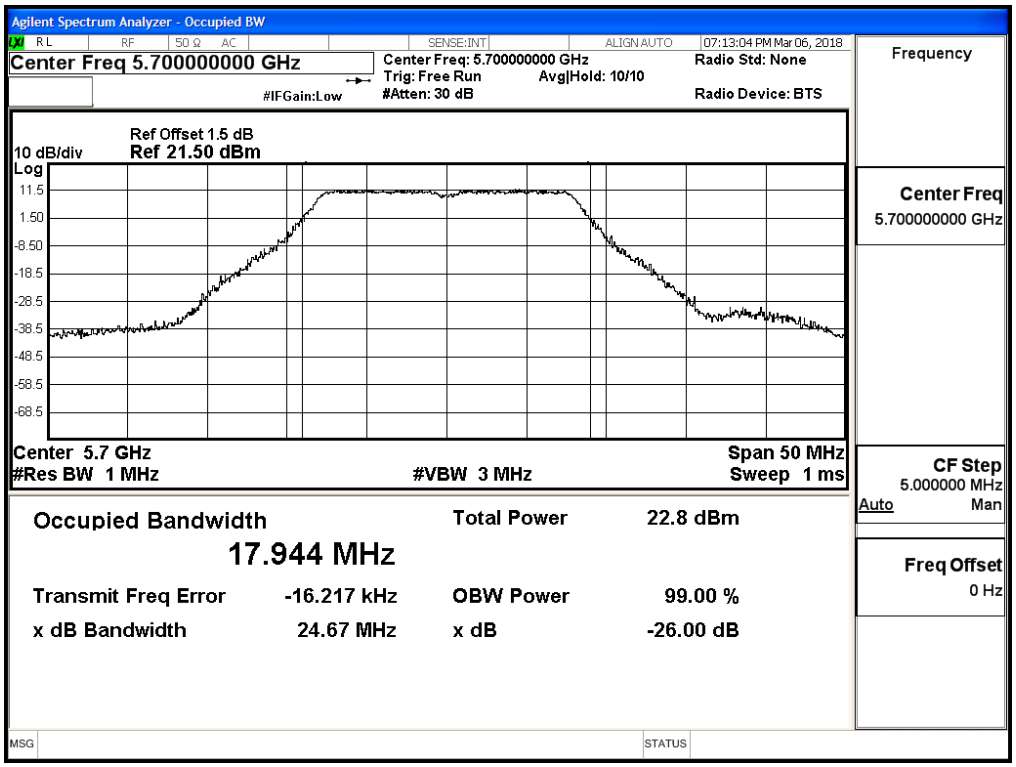
Channel 100:



Channel 120:



Channel 140:



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
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)								
36	5180	16.77	--	--	--	--	--	--	--	<24dBm
40	5200	16.24	16.05	15.96	15.76	15.63	15.46	15.33	15.17	<24dBm
48	5240	16.04	--	--	--	--	--	--	--	<24dBm
52	5260	19.96	--	--	--	--	--	--	--	<24dBm
56	5280	20.65	20.49	20.37	20.19	20.01	19.86	19.76	19.63	<24dBm
64	5320	17.07	--	--	--	--	--	--	--	<24dBm
100	5500	18.01	--	--	--	--	--	--	--	<24dBm
120	5600	20.61	20.53	20.43	20.35	20.22	20.13	20	19.83	<24dBm
140	5700	16.46	--	--	--	--	--	--	--	<24dBm
149	5745	20.3	--	--	--	--	--	--	--	<30dBm
157	5785	21.31	21.16	21.03	20.91	20.81	20.7	20.62	20.42	<30dBm
165	5825	20.37	--	--	--	--	--	--	--	<30dBm

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

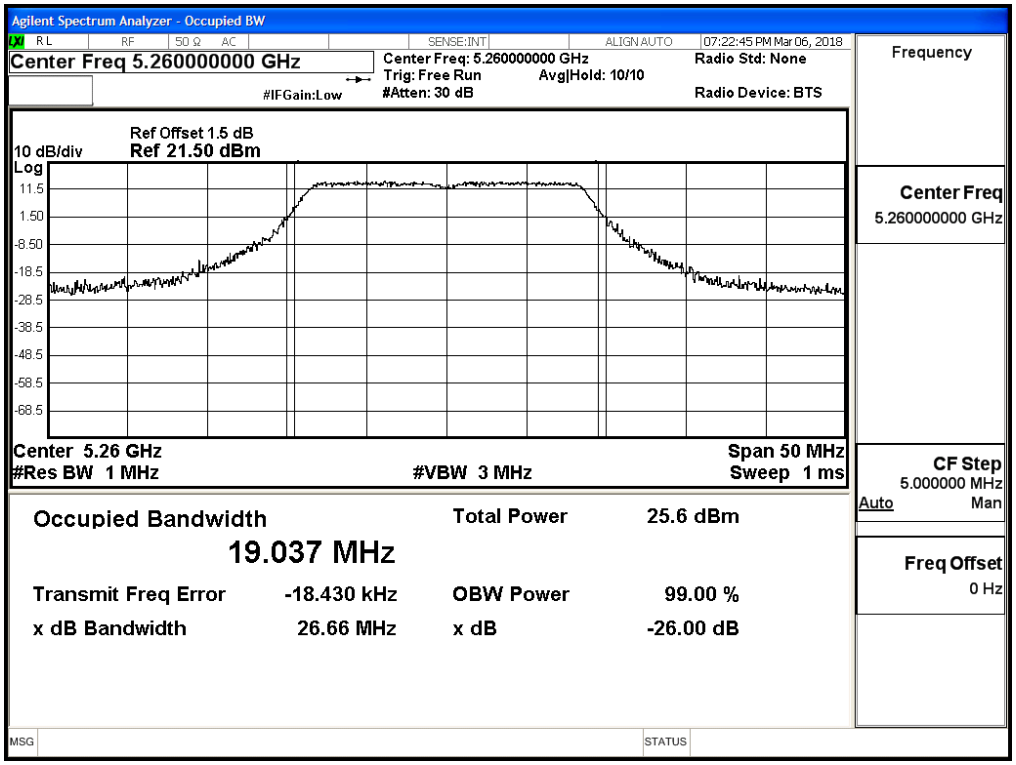
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	16.77	24	--
40	5200	--	16.24	24	--
48	5240	--	16.04	24	--
52	5260	19.037	19.96	24	23.80
56	5280	25.386	20.65	24	25.05
64	5320	18.973	17.07	24	23.78
100	5500	18.971	18.01	24	23.78
120	5600	19.494	20.61	24	23.90
140	5700	18.935	16.46	24	23.77
149	5745	--	20.3	30	--
157	5785	--	21.31	30	--
165	5825	--	20.37	30	--

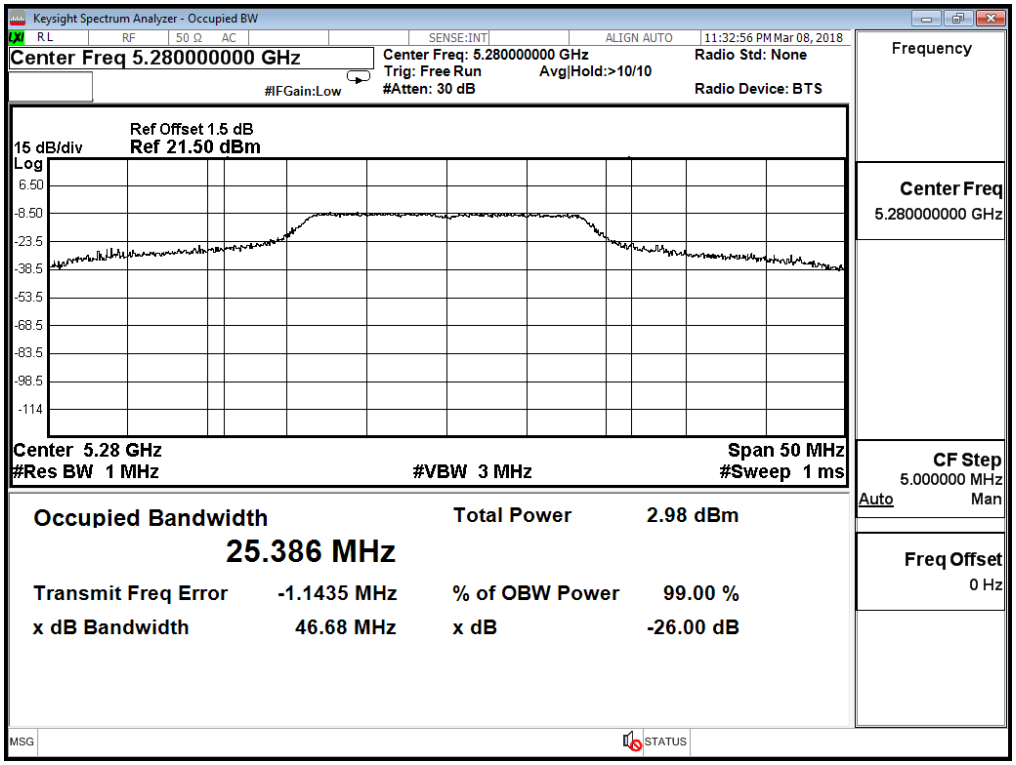
Note:Power Output Value =Reading value on average power meter + Cable loss

99% Occupied Bandwidth:

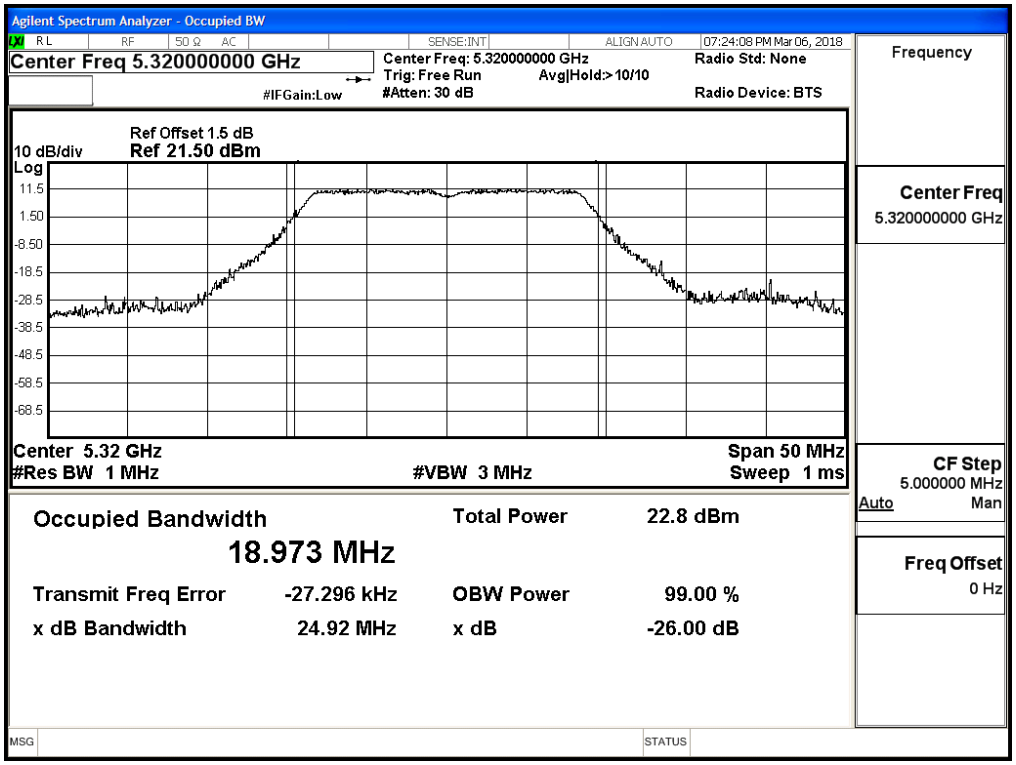
Channel 52:



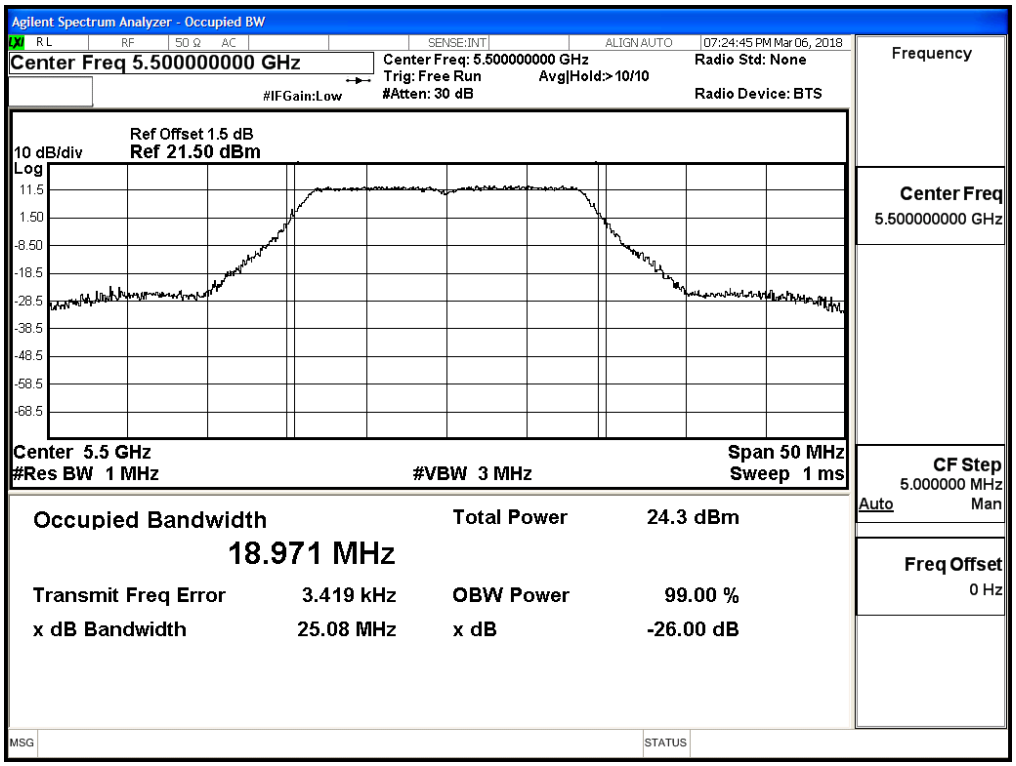
Channel 56:



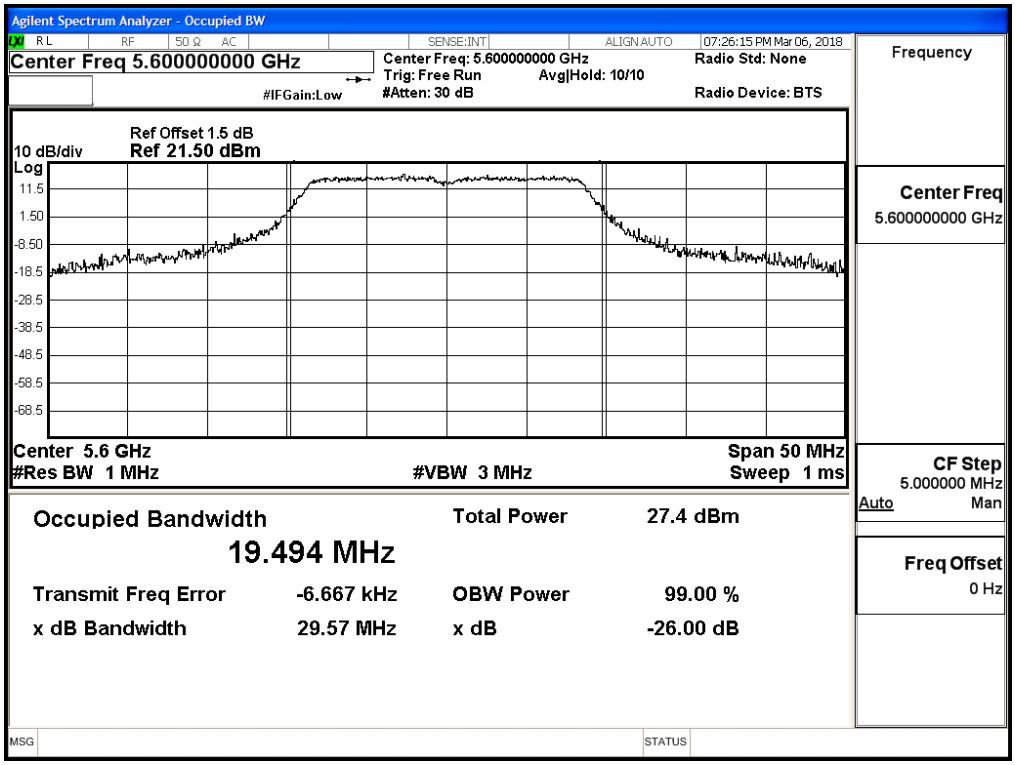
Channel 64:



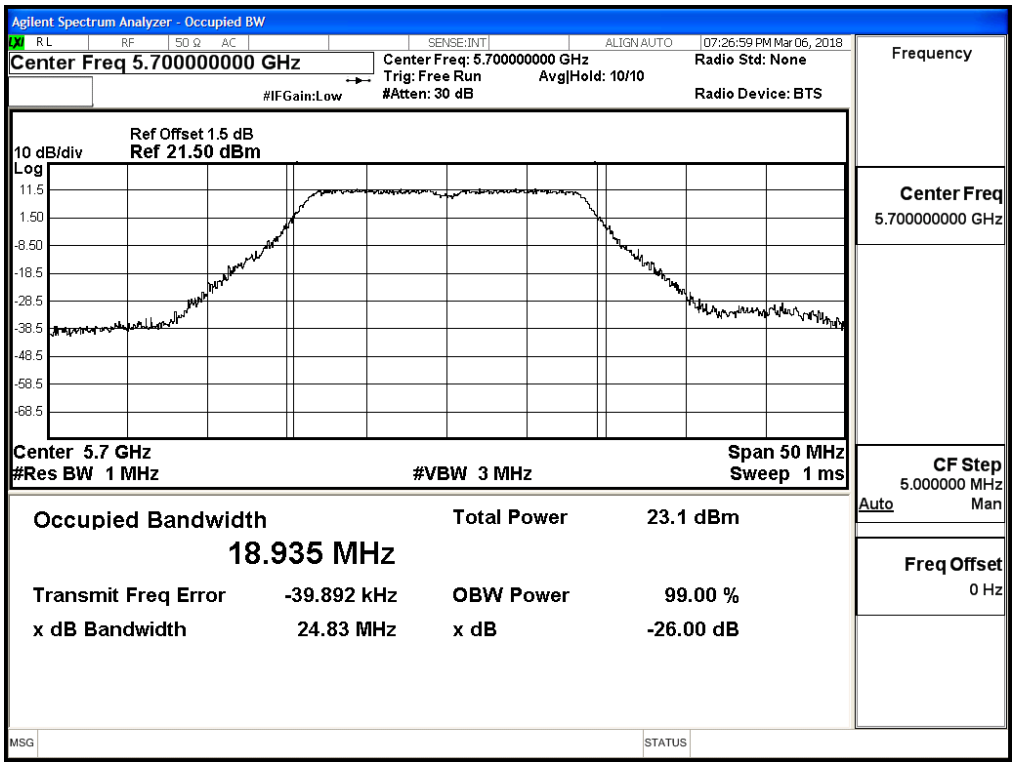
Channel 100:



Channel 120:



Channel 140:



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
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)								
38	5190	15.09	14.98	14.87	14.74	14.6	14.51	14.38	14.28	<24dBm
46	5230	16.94	--	--	--	--	--	--	--	<24dBm
54	5270	17.64	17.54	17.36	17.24	17.09	16.91	16.75	16.66	<24dBm
62	5310	14.72	--	--	--	--	--	--	--	<24dBm
102	5510	15.8	--	--	--	--	--	--	--	<24dBm
118	5590	20.45	20.26	20.09	19.97	19.86	19.69	19.57	19.39	<24dBm
134	5670	16.57	--	--	--	--	--	--	--	<24dBm
151	5755	15.9	15.8	15.61	15.48	15.38	15.2	15.09	14.93	<30dBm
159	5795	20.26	--	--	--	--	--	--	--	<30dBm

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

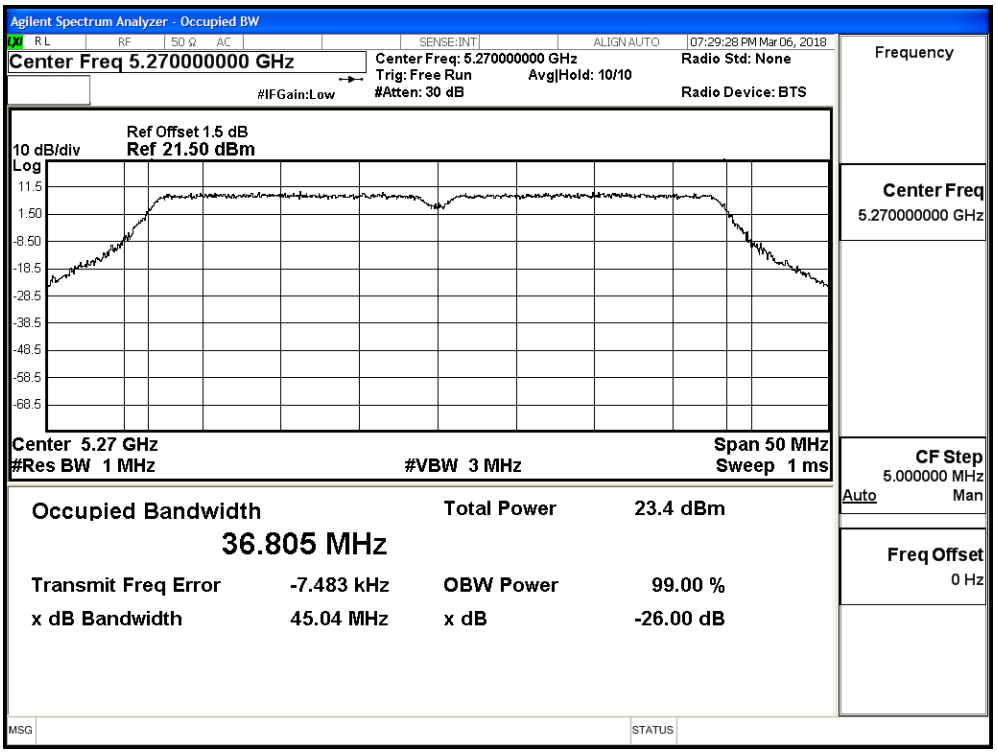
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	15.09	24	--
46	5230	--	16.94	24	--
54	5270	36.805	17.64	24	26.66
62	5310	36.869	14.72	24	26.67
102	5510	36.848	15.8	24	26.66
118	5590	37.462	20.45	24	26.74
134	5670	36.909	16.57	24	26.67
151	5755	--	15.9	30	--
159	5795	--	20.26	30	--

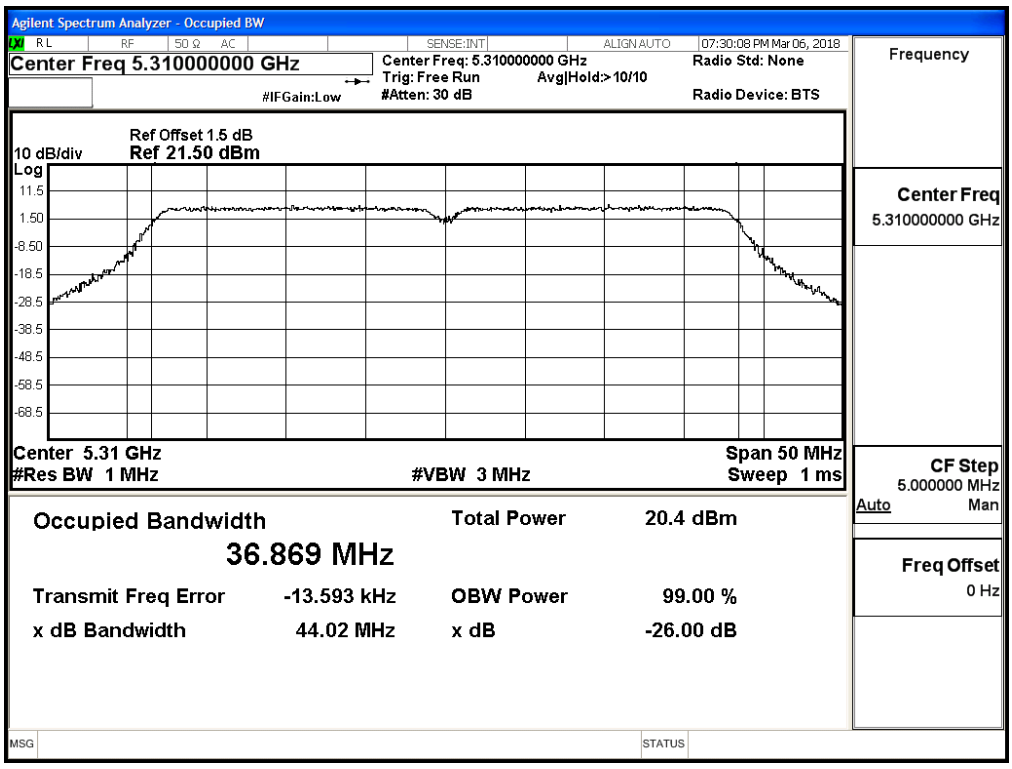
Note: Power Output Value =Reading value on average power meter + Cable loss

99% Occupied Bandwidth:

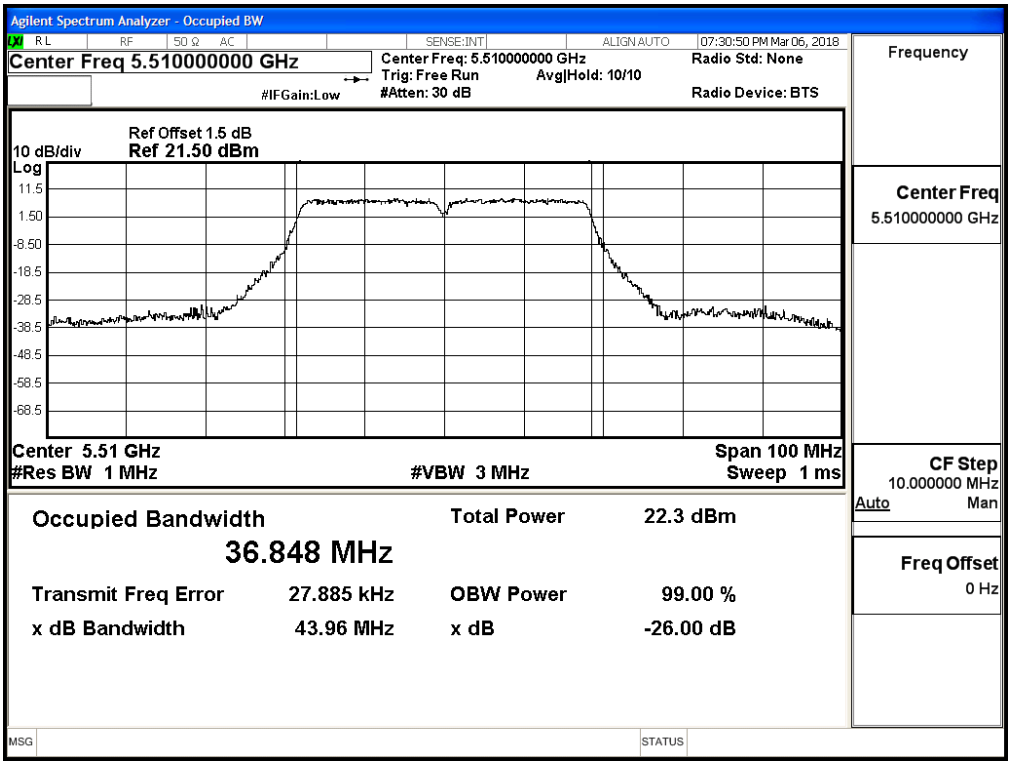
Channel 54:



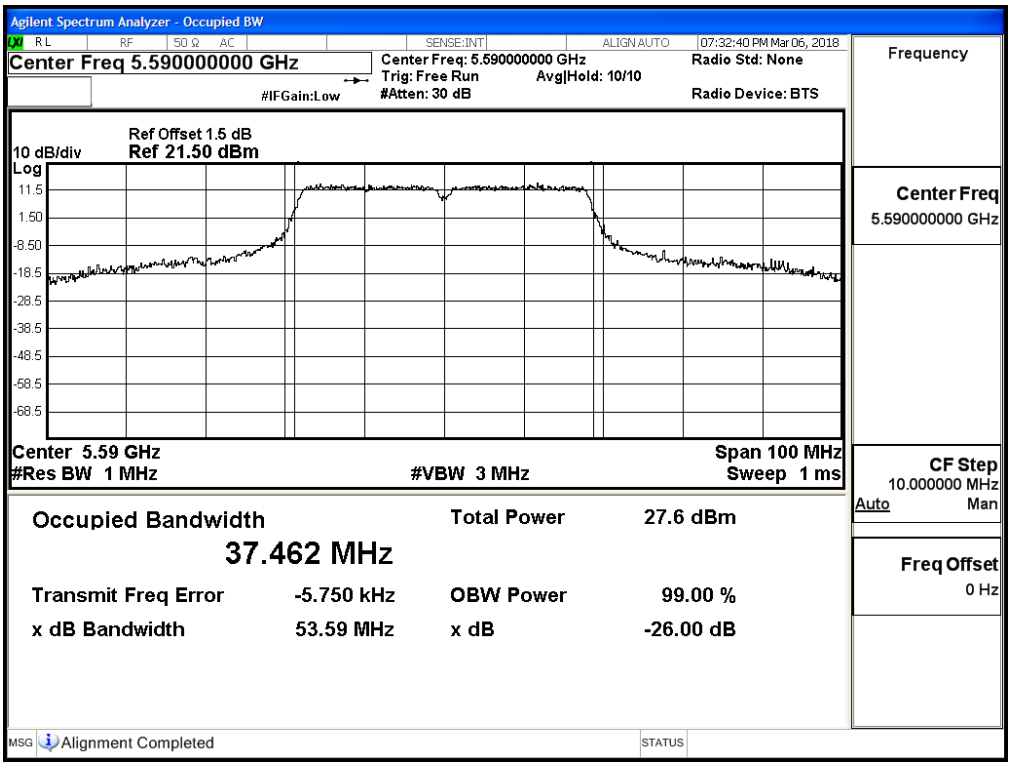
Channel 62:



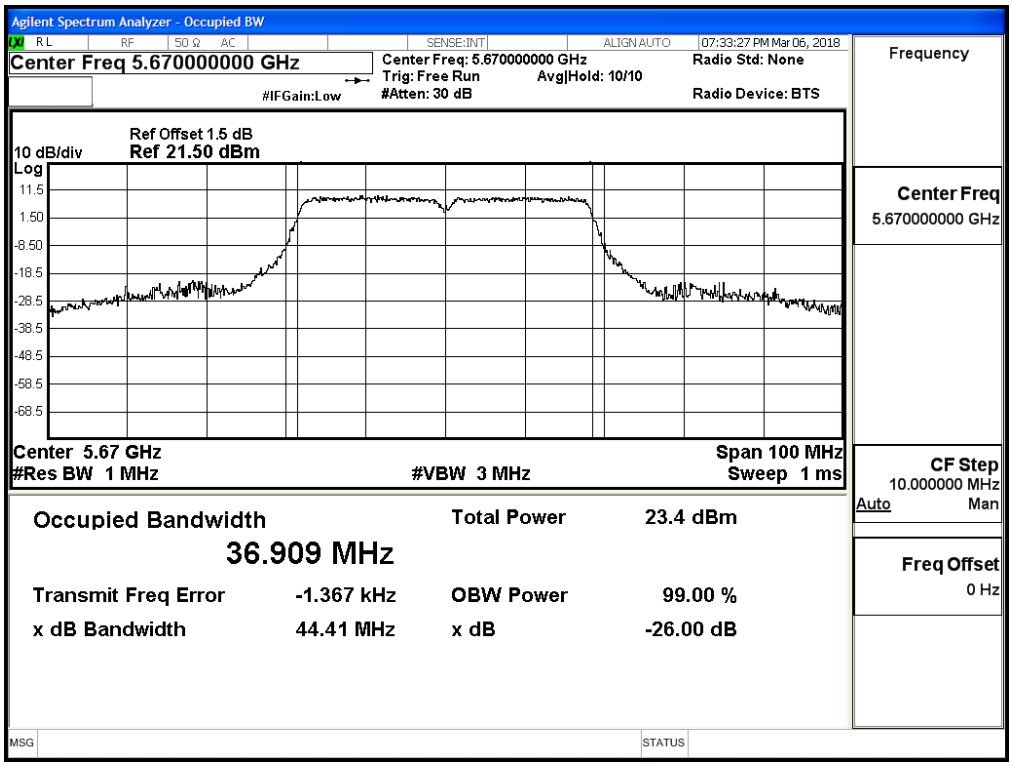
Channel 102:



Channel 118:



Channel 134:


Agilent Spectrum Analyzer - Occupied BW
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
07:33:27 PM Mar 06, 2018
Center Freq 5.670000000 GHz
Center Freq: 5.670000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#IFGain:Low
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 1.5 dB
10 dB/div
Ref 21.50 dBm
Log
11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5
Center Freq
5.670000000 GHz
Center 5.67 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 100 MHz
Sweep 1 ms
CF Step
10.000000 MHz
Auto
Man
Occupied Bandwidth
36.909 MHz
Total Power
23.4 dBm
Transmit Freq Error
-1.367 kHz
OBW Power
99.00 %
x dB Bandwidth
44.41 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
Test Mode : Mode 2 SISO B: Transmit (802.11ac-20BW-7.2Mbps)

Cable loss=1.5dB		Average Power									
Channel No.	Frequency (MHz)	Data Rate (Mbps)									Required Limit
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8	
		Measurement Level (dBm)									
144 (Band3)	5720	17.29	17.10	16.91	16.77	16.67	16.52	16.38	16.24	16.13	<24dBm
144 (Band4)	5720	11.68	11.54	11.39	11.24	11.05	10.91	10.77	10.59	10.46	<30dBm

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

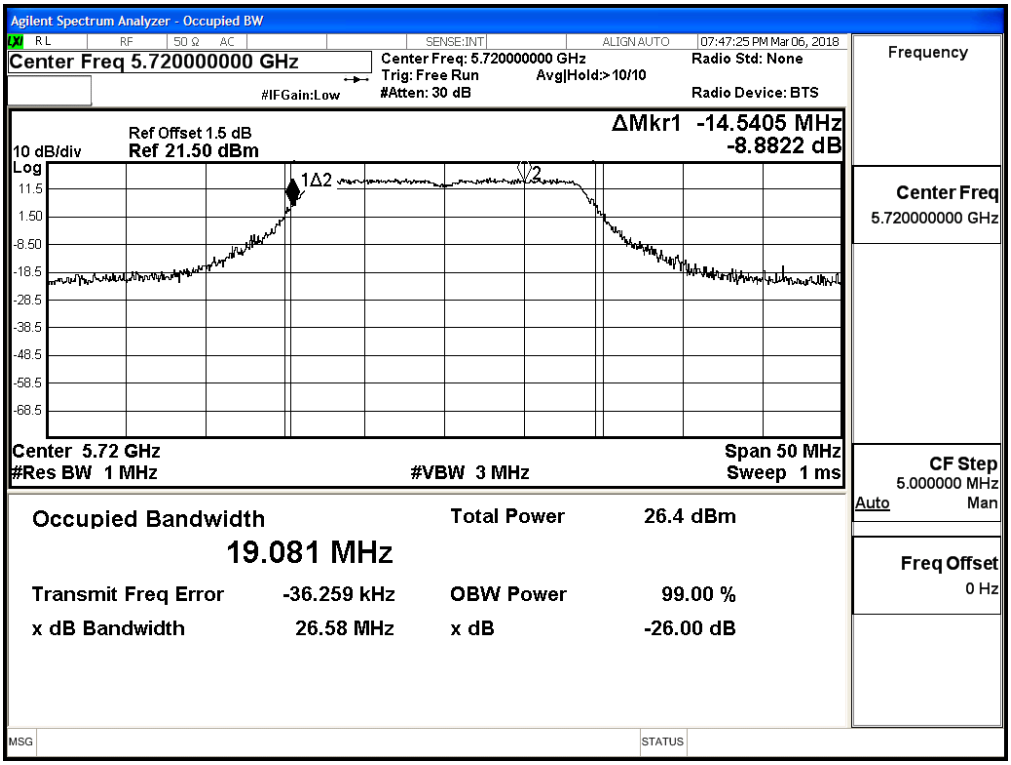
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
144(Band3)	5720	14.541	17.29	24	22.63	Pass
144(Band4)	5720	--	11.68	30	--	Pass

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

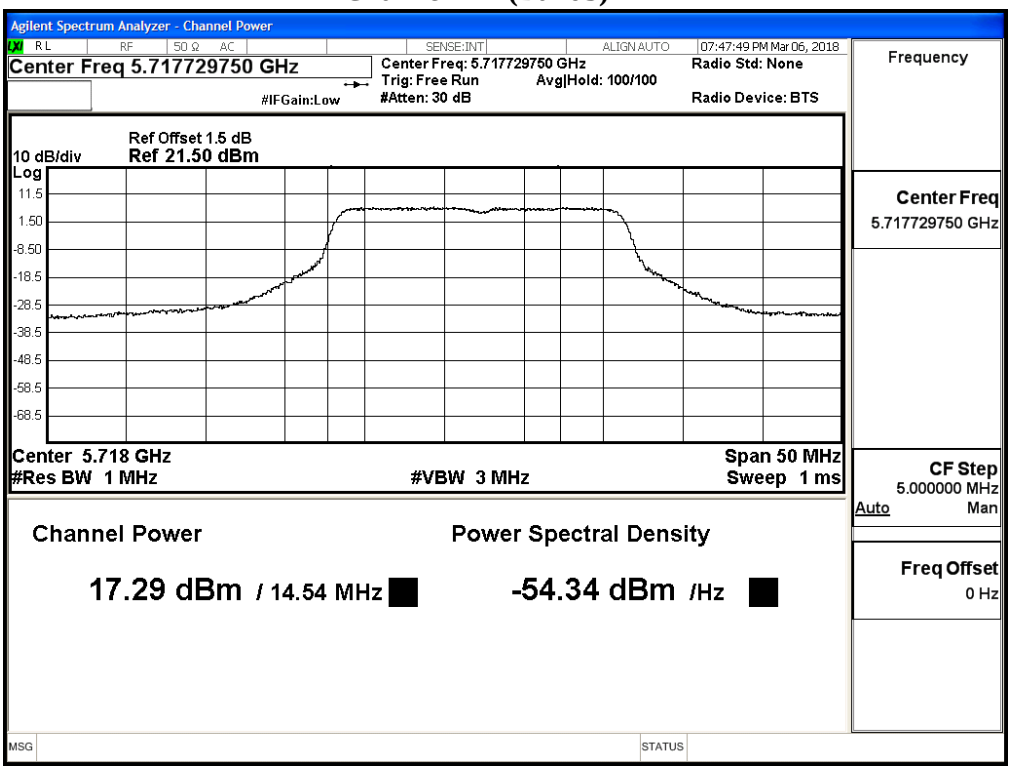
99% Occupied Bandwidth:

Channel 144:

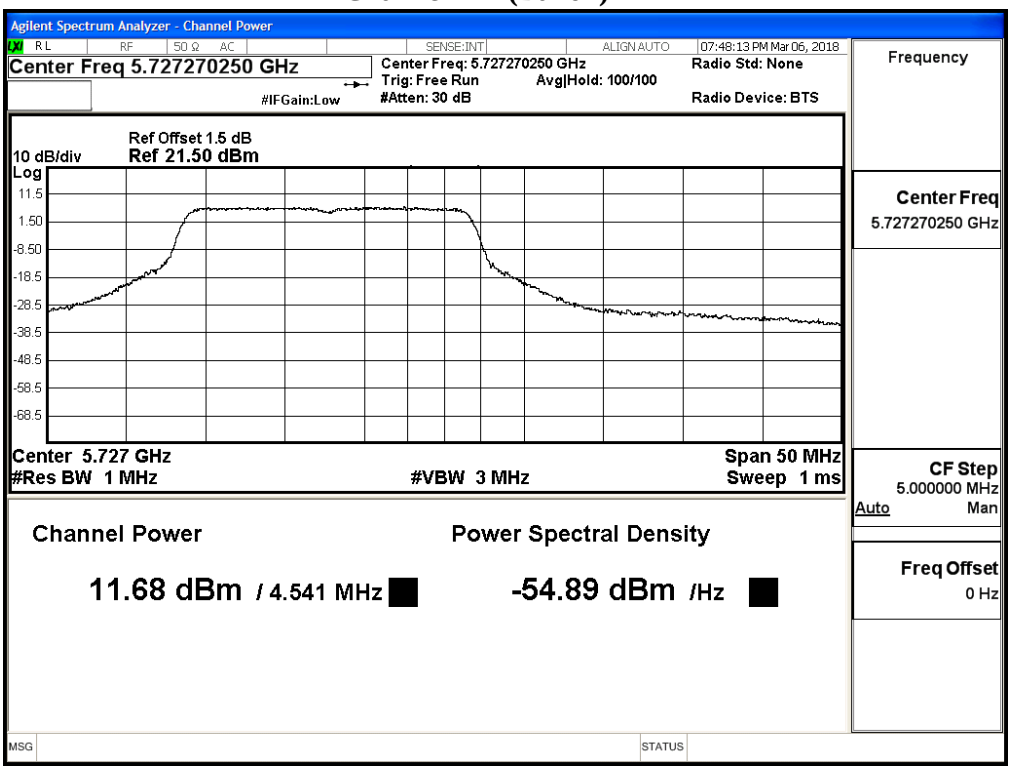


Maximum conducted output power:

Channel 144 (Band3)



Channel 144 (Band4)



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
Test Mode : Mode 2 SISO B: Transmit (802.11ac-40BW-15Mbps)

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	
142F(Band3)	5710	17.22	17.04	16.85	16.68	16.54	16.46	16.26	16.13	15.97	15.85	<24dBm
142F(Band4)	5710	7.09	6.90	6.77	6.63	6.46	6.28	6.17	5.97	5.77	5.63	<30dBm

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

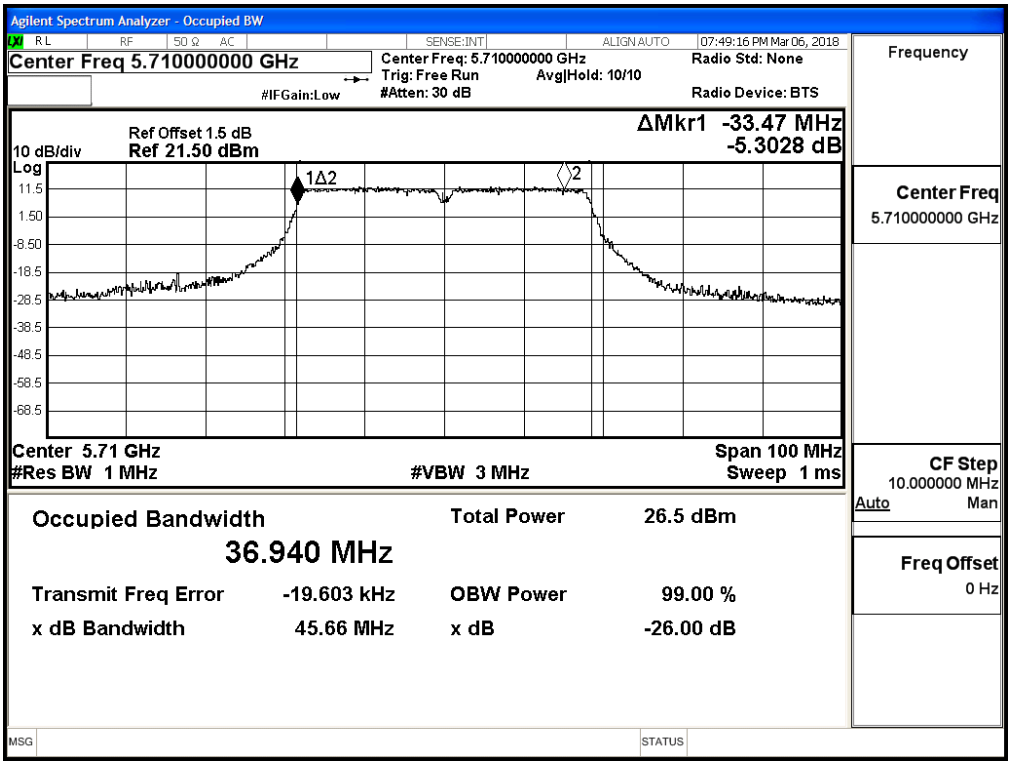
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
142F(Band3)	5710	33.470	17.22	24	26.25	Pass
142F(Band4)	5710	--	7.09	30	--	Pass

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

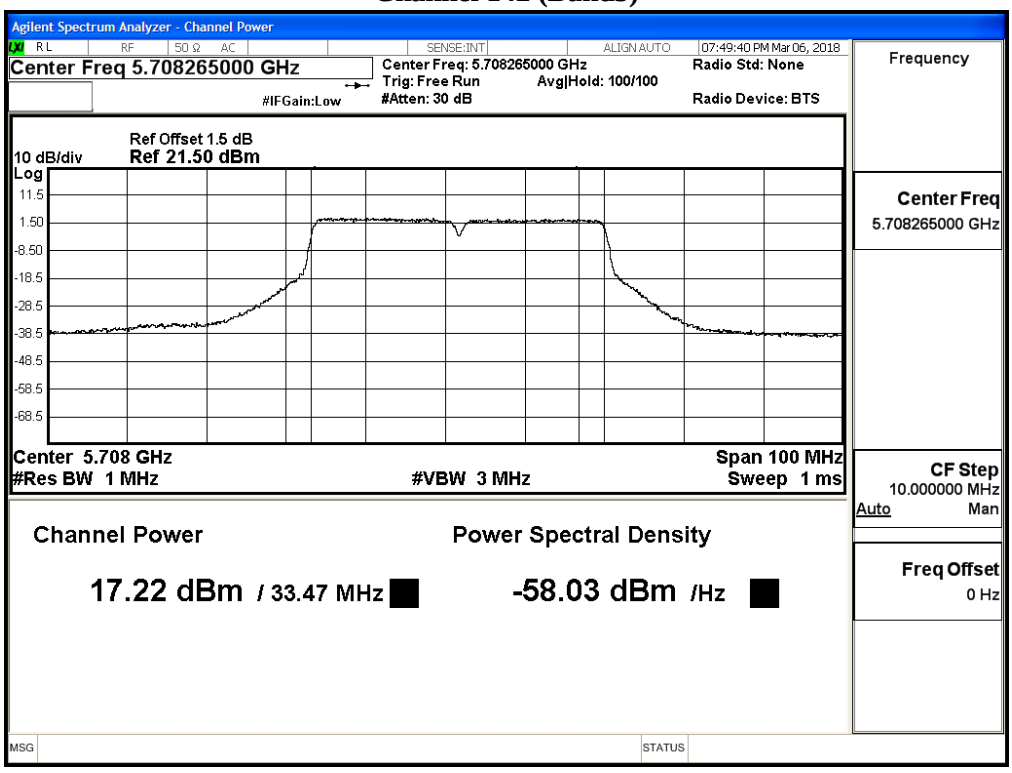
99% Occupied Bandwidth:

Channel 142:

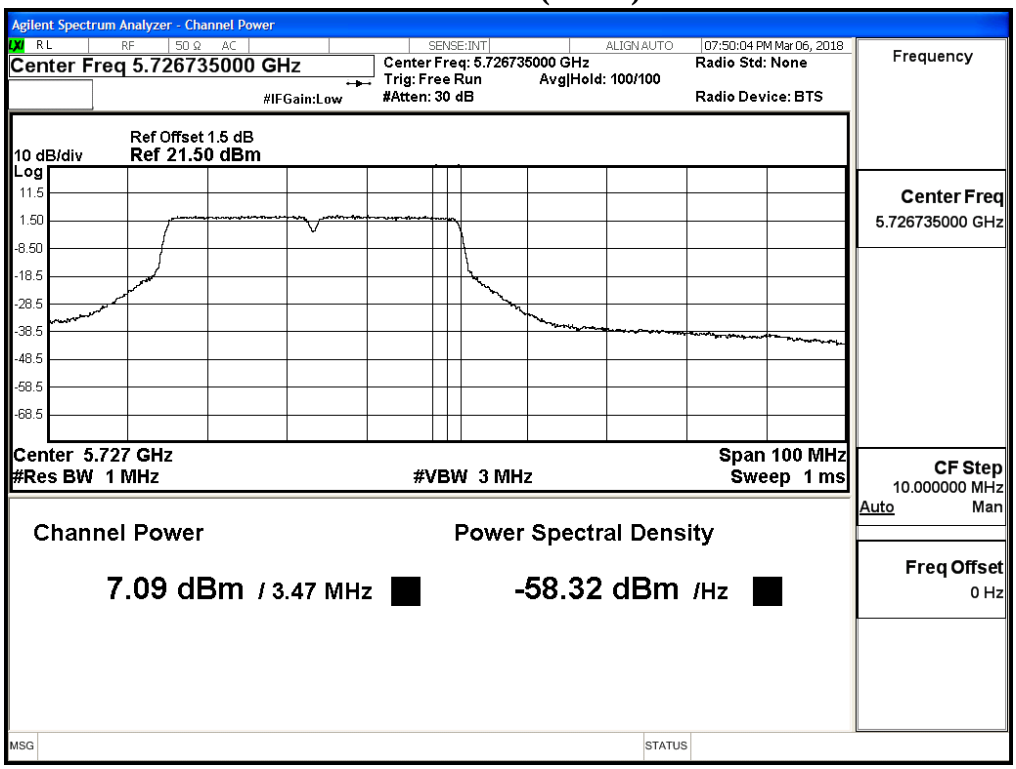


Maximum conducted output power:

Channel 142 (Band3)



Channel 142 (Band4)



Product : Intel® Wireless-AC 9462
Test Item : Maximum conducted output power
Test Site : No.3 OATS
Test date : 2018/03/06
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	
42	5210	14.42	14.22	14.12	14.00	13.81	13.72	13.64	13.53	13.43	13.33	<24dBm
58	5290	15.92	15.80	15.68	15.49	15.31	15.22	15.12	14.96	14.79	14.62	<24dBm
106	5530	16.27	16.13	16.05	15.95	15.79	15.62	15.47	15.36	15.24	15.16	<24dBm
122	5610	16.90	16.80	16.70	16.52	16.34	16.23	16.08	15.90	15.71	15.53	<24dBm
138(Band3)	5690	17.14	16.98	16.84	16.73	16.57	16.38	16.28	16.11	15.91	15.75	<24dBm
138(Band4)	5690	-0.51	-0.69	-0.83	-0.91	-1.08	-1.26	-1.41	-1.50	-1.60	-1.70	<30dBm
155	5775	14.52	14.34	14.25	14.08	13.88	13.79	13.69	13.58	13.40	13.28	<30dBm

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

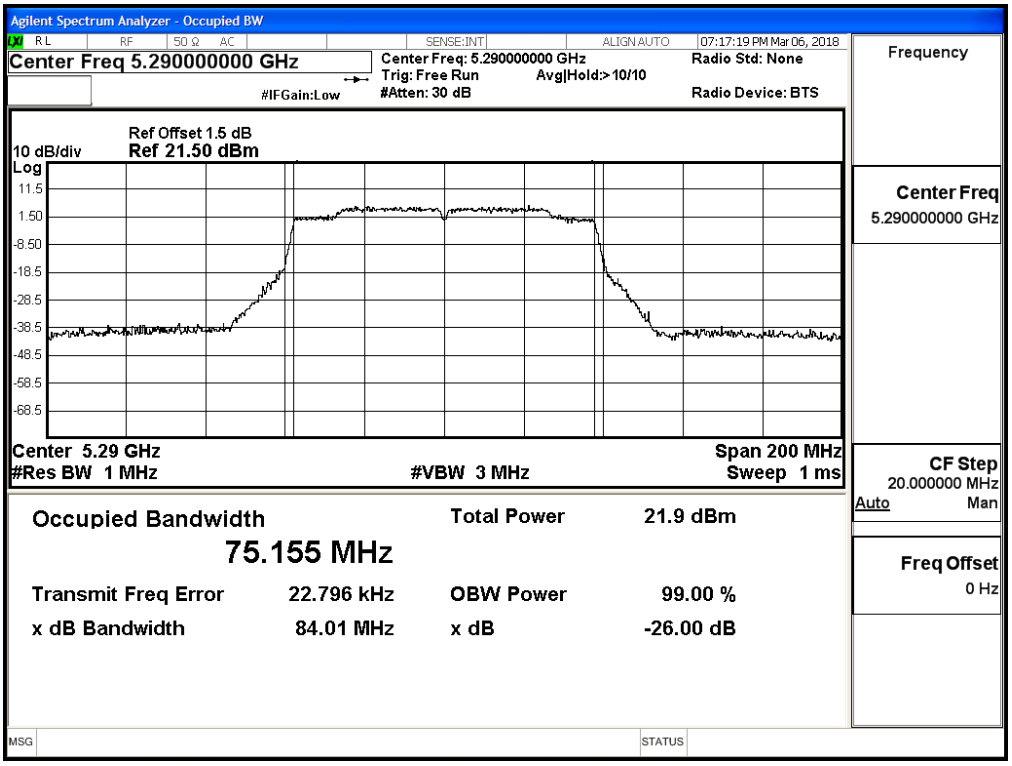
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
42	5210	--	14.42	24	--	Pass
58	5290	75.155	15.92	24	29.76	Pass
106	5530	75.174	16.27	24	29.76	Pass
122	5610	75.163	16.90	24	29.76	Pass
138(Band3)	5690	72.551	17.14	24	29.61	Pass
138(Band4)	5690	--	-0.51	30	--	Pass
155	5775	--	14.52	30	--	Pass

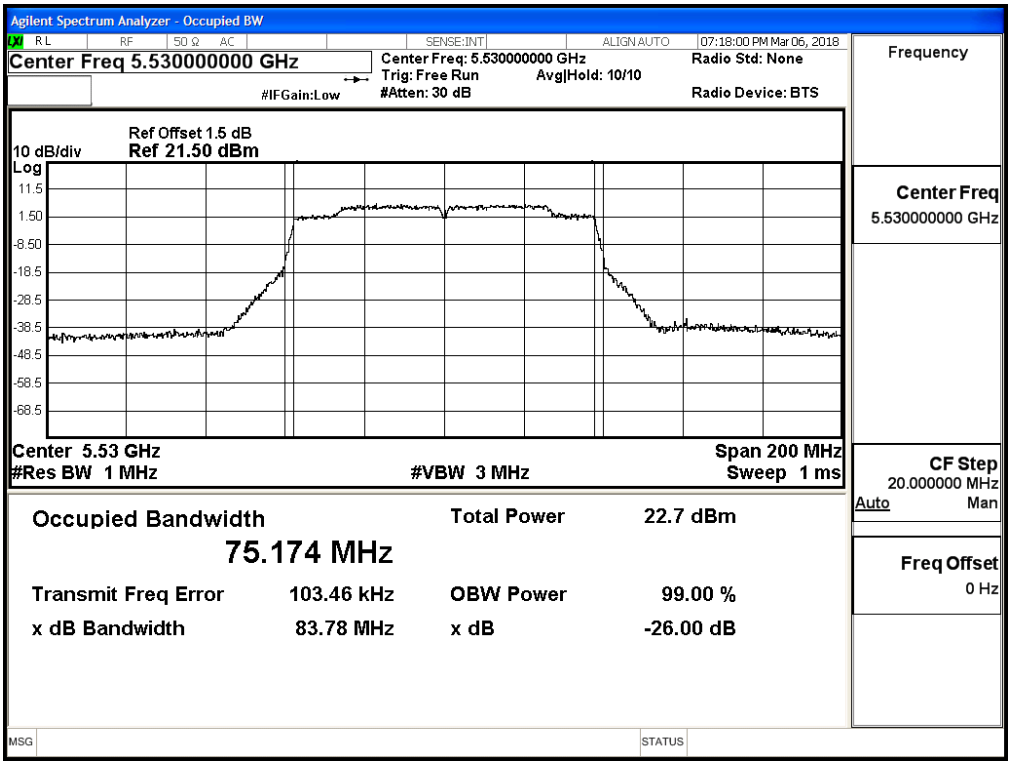
Note: Power Output Value =Reading value on average power meter + Cable loss

99% Occupied Bandwidth:

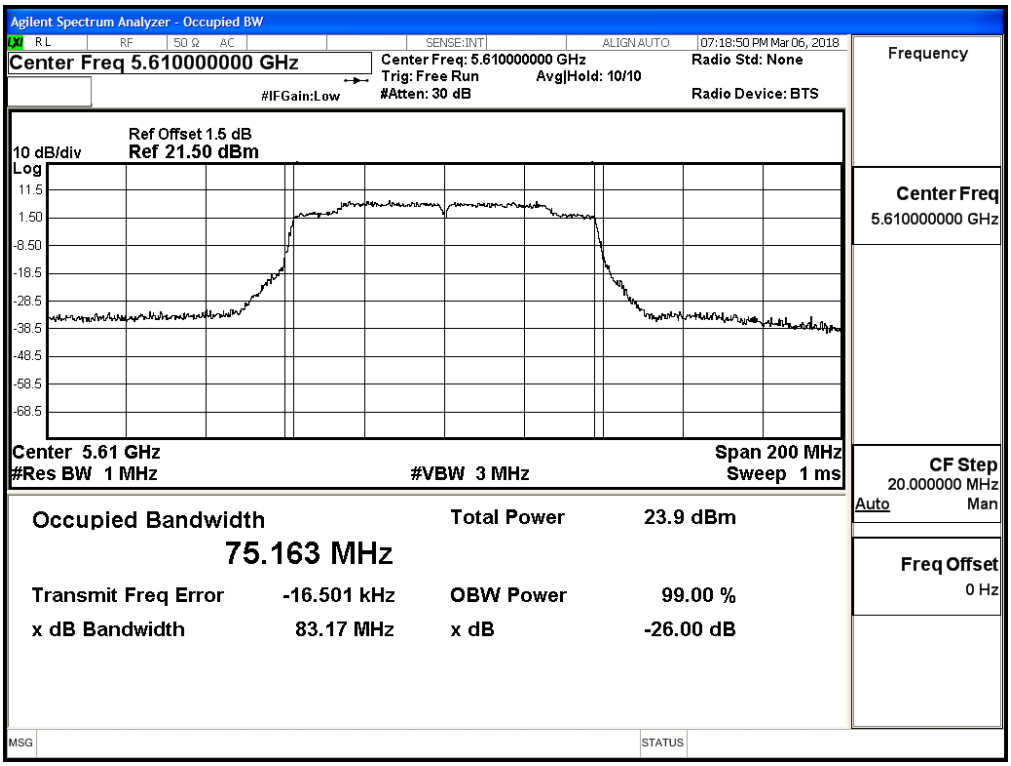
Channel 58:



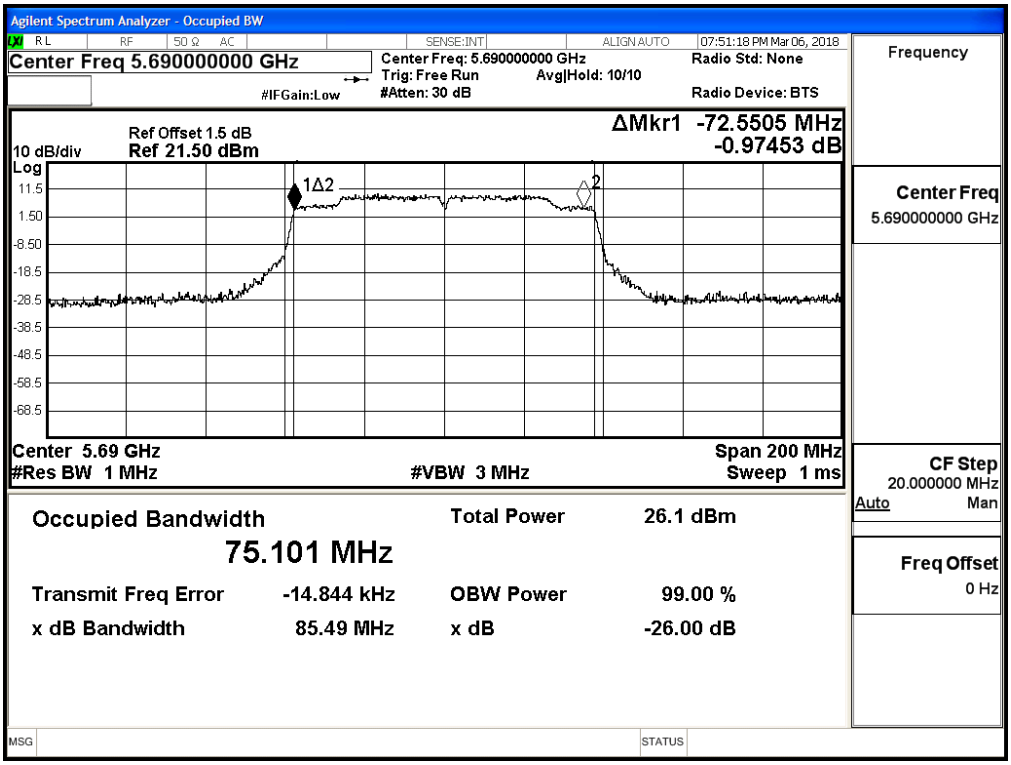
Channel 106:



Channel 122:

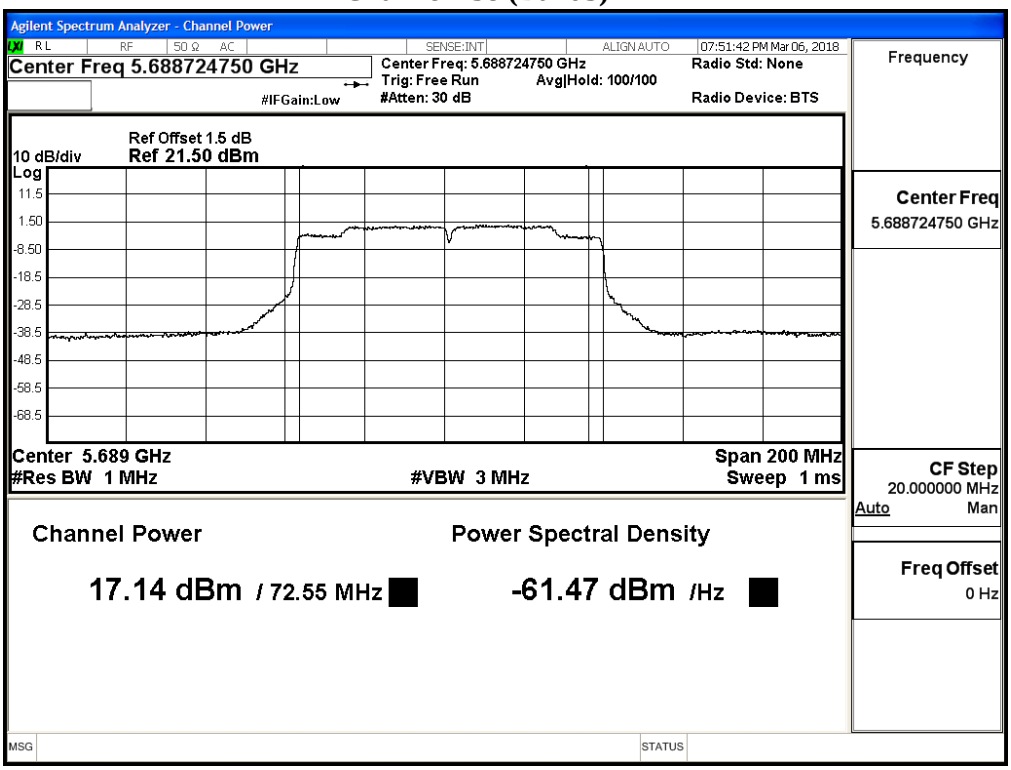


Channel 138:



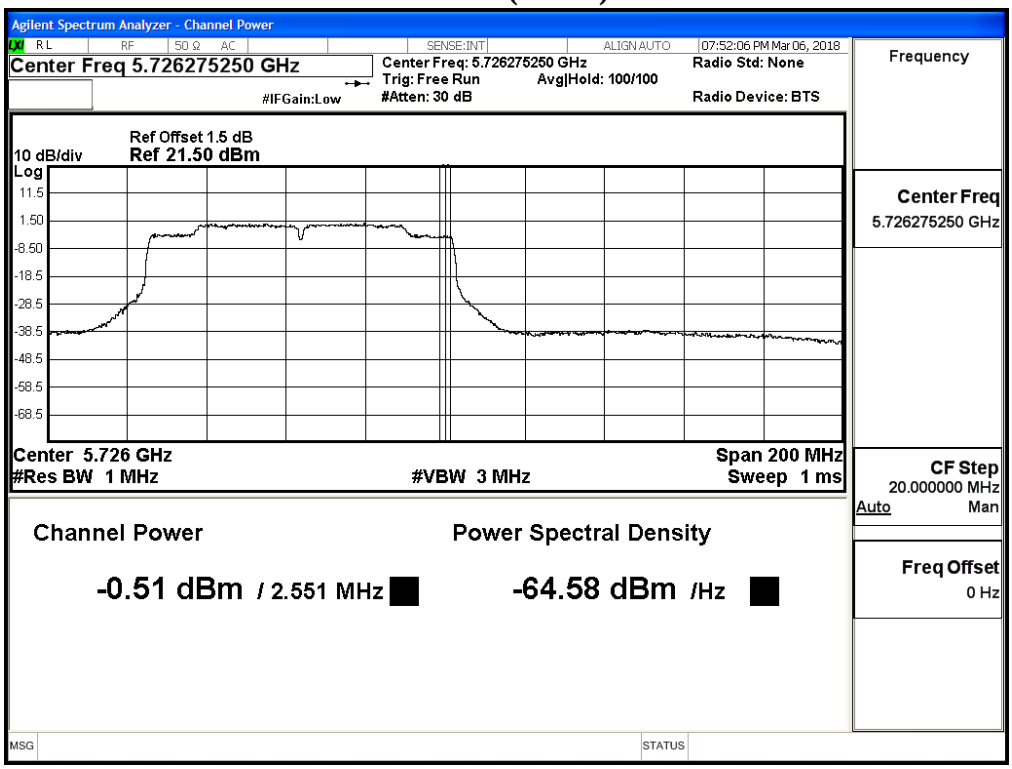
Maximum conducted output power:

Channel 138 (Band3)



Maximum conducted output power:

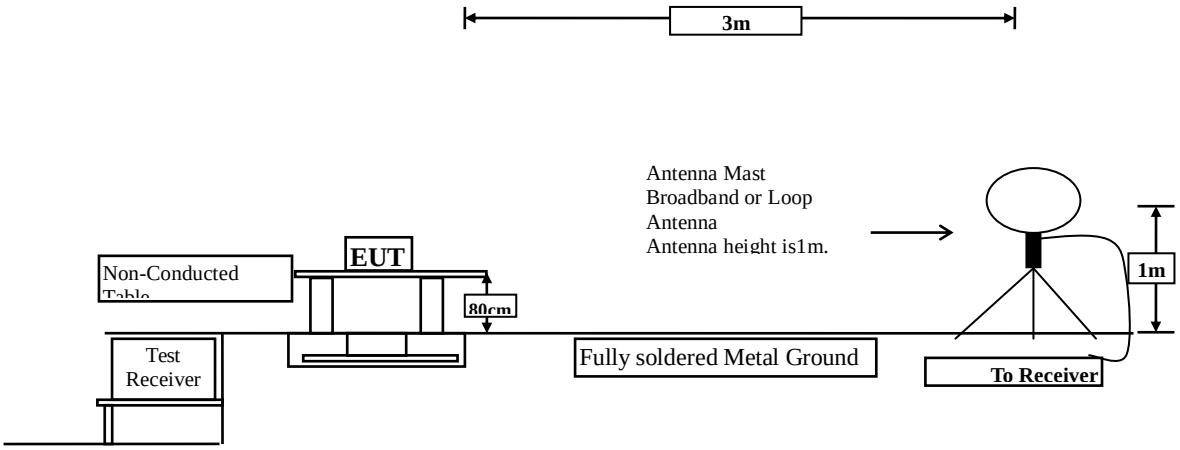
Channel 138 (Band4)



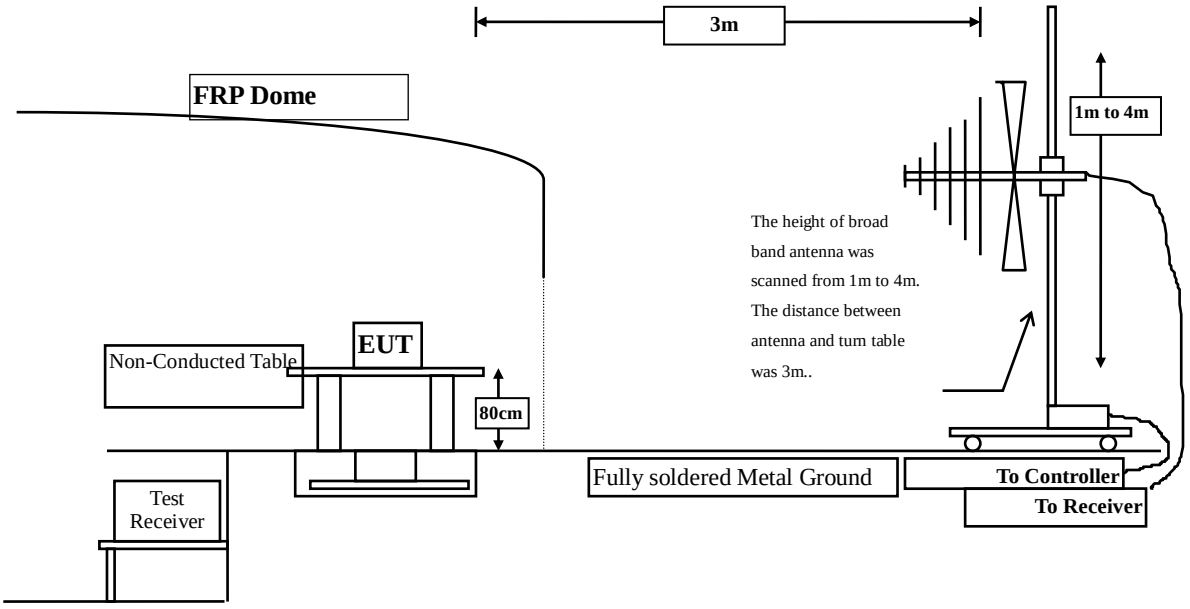
3. Radiated Emission

3.1. Test Setup

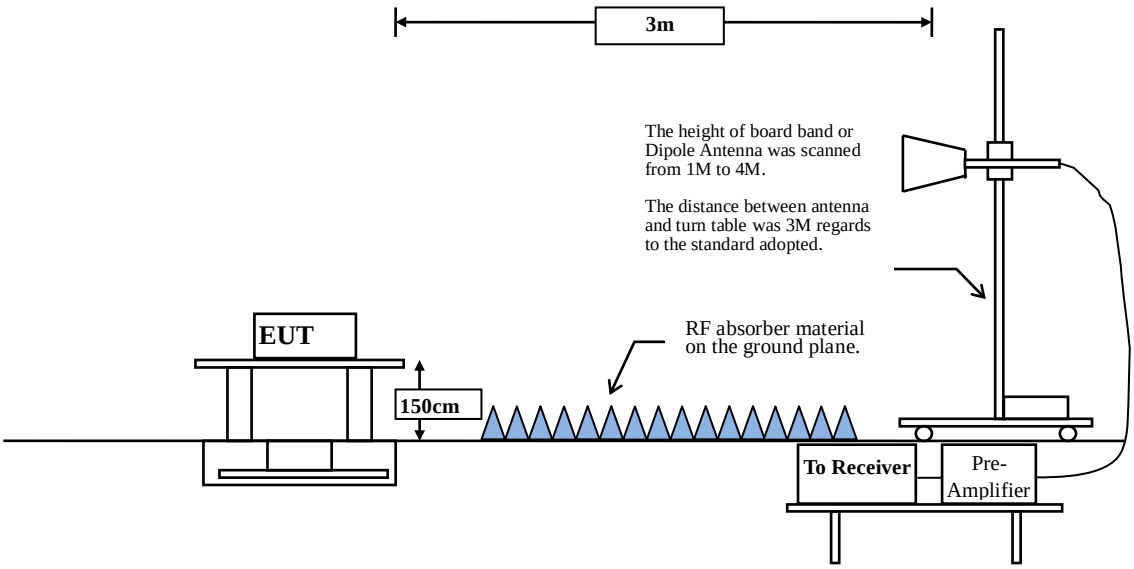
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



3.2. 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)

3.3. 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.

RBW and VBW Parameter setting:

According to KDB 789033 section II.G.5 Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz.

RBW = 1MHz.

VBW ≥ 3MHz.

According to KDB 789033 section II.G.6 Procedures for Average Unwanted Emissions Measurements above 1000 MHz.

RBW = 1MHz.

VBW = 10Hz, when duty cycle ≥ 98 %

VBW ≥ 1/T, when duty cycle < 98 %

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11a	94.1	2.041	489	500
802.11n20	95	1.898	526	500
802.11n40	84.3	0.9376	1066	1000
802.11ac20	95.1	1.917	521	500
802.11ac40	83.7	0.9469	1056	1000
802.11ac80	76.9	0.4249	2353	2000

Note: Duty Cycle Refer to Section 5

3.4. Uncertainty

± 4.08 dB above 1GHz

± 4.22 dB below 1GHz

3.5. Test Result of Radiated Emission

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 1 SISO A: Transmit (802.11a-6Mbps) (5180MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10360.000	-2.181	44.810	42.629	-31.371	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10360.000	-1.387	45.890	44.503	-29.497	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 1 SISO A: Transmit (802.11a-6Mbps) (5200MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10400.000	-2.140	44.910	42.771	-31.229	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10400.000	-1.222	45.840	44.619	-29.381	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5240MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10480.000	-1.075	44.760	43.686	-30.314	74.000
Average					
Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10480.000	-0.148	45.910	45.763	-28.237	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5260MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10520.000	-0.575	45.620	45.045	-28.955	74.000
Average					
Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10520.000	0.228	46.520	46.748	-27.252	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5280MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10560.000	-0.114	45.240	45.126	-28.874	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10560.000	0.438	46.710	47.147	-26.853	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5320MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10640.000	0.316	44.720	45.036	-28.964	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10640.000	0.709	45.650	46.359	-27.641	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5500MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11000.000	1.709	44.710	46.419	-27.581	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11000.000	2.442	46.270	48.711	-25.289	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5600MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11200.000	2.286	45.170	47.456	-26.544	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11200.000	3.356	45.980	49.336	-24.664	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5700MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11400.000	2.101	45.310	47.412	-26.588	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11400.000	2.709	46.080	48.789	-25.211	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11490.000	2.672	42.510	45.182	-28.818	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11490.000	3.600	43.680	47.280	-26.720	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 1 SISO A: Transmit (802.11a-6Mbps) (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11570.000	2.336	44.030	46.366	-27.634	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11570.000	3.225	45.570	48.794	-25.206	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11650.000	1.608	43.710	45.319	-28.681	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11650.000	2.724	44.270	46.995	-27.005	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10360.000	-2.181	44.720	42.539	-31.461	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10360.000	-1.387	45.780	44.393	-29.607	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5200MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10400.000	-2.140	44.390	42.251	-31.749	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10400.000	-1.222	45.510	44.289	-29.711	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5240MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10480.000	-1.075	44.680	43.606	-30.394	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10480.000	-0.148	45.790	45.643	-28.357	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5260MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10520.000	-0.575	44.720	44.145	-29.855	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10520.000	0.228	45.760	45.988	-28.012	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5280MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10560.000	43.582	44.630	44.516	-29.484	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10560.000	0.438	45.960	46.397	-27.603	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10640.000	0.316	44.750	45.066	-28.934	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10640.000	0.709	46.170	46.879	-27.121	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11000.000	1.709	44.870	46.579	-27.421	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11000.000	2.442	46.270	48.711	-25.289	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5600MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11200.000	2.286	44.790	47.076	-26.924	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11200.000	3.356	45.860	49.216	-24.784	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5700MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11400.000	2.101	44.750	46.852	-27.148	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11400.000	2.709	45.840	48.549	-25.451	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11490.000	2.672	42.880	45.552	-28.448	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11490.000	3.600	44.030	47.630	-26.370	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11570.000	2.336	44.290	46.626	-27.374	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11570.000	3.225	45.410	48.634	-25.366	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11650.000	1.608	43.460	45.069	-28.931	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11650.000	2.724	44.810	47.535	-26.465	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5190MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10380.000	-2.167	44.510	42.343	-31.657	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10380.000	-1.310	45.840	44.530	-29.470	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5230MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10460.000	-1.343	44.320	42.976	-31.024	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10460.000	-0.418	45.610	45.191	-28.809	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5270MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10540.000	-0.344	44.280	43.936	-30.064	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10540.000	0.334	45.170	45.504	-28.496	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5310MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10620.000	0.331	44.720	45.051	-28.949	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10620.000	0.678	45.920	46.598	-27.402	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5510MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11020.000	1.816	44.620	46.435	-27.565	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11020.000	2.566	46.240	48.806	-25.194	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5590MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11180.000	2.255	44.420	46.674	-27.326	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11180.000	3.279	45.640	48.919	-25.081	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5670MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11340.000	1.996	44.510	46.505	-27.495	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11340.000	2.755	46.170	48.925	-25.075	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11510.000	2.683	44.520	47.203	-26.797	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11510.000	3.640	45.840	49.480	-24.520	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5795MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11590.000	2.216	44.320	46.536	-27.464	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11590.000	3.082	45.720	48.802	-25.198	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11ac-20BW-7.2Mbps) (5720MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11440.000	2.347	44.210	46.557	-27.443	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11440.000	3.087	45.660	48.747	-25.253	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11ac-40BW-15Mbps) (5710MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11420.000	2.217	44.260	46.476	-27.524	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11420.000	2.880	45.780	48.660	-25.340	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5210MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
10420.000	-1.883	44.310	42.426	-31.574	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
10420.000	-0.961	45.680	44.718	-29.282	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5290MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
10580.000	0.118	44.390	44.508	-29.492	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
10580.000	0.544	45.510	46.054	-27.946	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5530MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11060.000	1.986	44.560	46.546	-27.454	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11060.000	2.781	45.810	48.591	-25.409	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5610MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11220.000	2.213	44.210	46.424	-27.576	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11220.000	3.244	46.180	49.424	-24.576	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5690MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11380.000	2.056	44.740	46.797	-27.203	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11380.000	2.701	45.890	48.592	-25.408	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11550.000	2.451	45.050	47.501	-26.499	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11550.000	3.363	45.960	49.323	-24.677	74.000
Average Detector:					
--					

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

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 2 SISO B: Transmit (802.11a-6Mbps) (5180MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10360.000	-2.181	44.620	42.439	-31.561	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10360.000	-1.387	45.720	44.333	-29.667	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5200MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10400.000	-2.140	44.530	42.391	-31.609	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10400.000	-1.222	45.960	44.739	-29.261	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5240MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10480.000	-1.075	44.350	43.276	-30.724	74.000
Average					
Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10480.000	-0.148	45.760	45.613	-28.387	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5260MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10520.000	-0.575	44.530	43.955	-30.045	74.000
Average					
Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10520.000	0.228	45.690	45.918	-28.082	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5280MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10560.000	-0.114	44.630	44.516	-29.484	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10560.000	0.438	45.940	46.377	-27.623	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5320MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10640.000	0.316	44.280	44.596	-29.404	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10640.000	0.709	45.570	46.279	-27.721	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5500MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11000.000	1.709	44.520	46.229	-27.771	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11000.000	2.442	46.180	48.621	-25.379	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5600MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11200.000	2.286	44.370	46.656	-27.344	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11200.000	3.356	45.740	49.096	-24.904	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5700MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11400.000	2.101	44.510	46.612	-27.388	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11400.000	2.709	45.820	48.529	-25.471	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 2 SISO B: Transmit (802.11a-6Mbps) (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11490.000	2.672	44.620	47.292	-26.708	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11490.000	3.600	45.750	49.350	-24.650	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 2 SISO B: Transmit (802.11a-6Mbps) (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11570.000	2.336	44.280	46.616	-27.384	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11570.000	3.225	45.970	49.194	-24.806	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11650.000	1.608	44.720	46.329	-27.671	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11650.000	2.724	45.210	47.935	-26.065	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10360.000	-2.181	44.350	42.169	-31.831	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10360.000	-1.387	45.770	44.383	-29.617	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5200MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10400.000	-2.140	44.460	42.321	-31.679	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10400.000	-1.222	45.820	44.599	-29.401	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5240MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10480.000	-1.075	44.610	43.536	-30.464	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10480.000	-0.148	45.890	45.743	-28.257	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5260MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10520.000	-0.575	44.560	43.985	-30.015	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10520.000	0.228	46.050	46.278	-27.722	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5280MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10560.000	-0.114	44.370	44.256	-29.744	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10560.000	0.438	45.910	46.347	-27.653	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10640.000	0.316	44.260	44.576	-29.424	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10640.000	0.709	45.570	46.279	-27.721	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11000.000	1.709	44.380	46.089	-27.911	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11000.000	2.442	45.840	48.281	-25.719	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5600MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11200.000	2.286	44.340	46.626	-27.374	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11200.000	3.356	45.890	49.246	-24.754	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5700MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11400.000	2.101	44.580	46.682	-27.318	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11400.000	2.709	45.720	48.429	-25.571	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11490.000	2.672	43.290	45.962	-28.038	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11490.000	3.600	44.510	48.110	-25.890	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
11570.000	2.336	44.630	46.966	-27.034	74.000
Average					
Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11570.000	3.225	45.880	49.104	-24.896	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11650.000	1.608	43.470	45.079	-28.921	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11650.000	2.724	44.620	47.345	-26.655	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5190MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10380.000	-2.167	44.260	42.093	-31.907	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10380.000	-1.310	45.710	44.400	-29.600	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5230MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10460.000	-1.343	44.280	42.936	-31.064	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10460.000	-0.418	46.190	45.771	-28.229	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5270MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10540.000	-0.344	44.690	44.346	-29.654	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10540.000	0.334	45.590	45.924	-28.076	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5310MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
10620.000	0.331	44.490	44.821	-29.179	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
10620.000	0.678	45.830	46.508	-27.492	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5510MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11020.000	1.816	44.650	46.465	-27.535	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11020.000	2.566	45.870	48.436	-25.564	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5590MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11180.000	2.255	44.220	46.474	-27.526	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11180.000	3.279	45.670	48.949	-25.051	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5670MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector:					
11340.000	1.996	44.960	46.955	-27.045	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
11340.000	2.755	46.080	48.835	-25.165	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11510.000	2.683	44.490	47.173	-26.827	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11510.000	3.640	45.920	49.560	-24.440	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5795MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11590.000	2.216	43.850	46.066	-27.934	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11590.000	3.082	45.080	48.162	-25.838	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11ac-20BW-7.2Mbps) (5720MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11440.000	2.347	44.270	46.617	-27.383	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11440.000	3.087	45.720	48.807	-25.193	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11ac-40BW-15Mbps) (5710MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11420.000	2.217	44.680	46.896	-27.104	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11420.000	2.880	45.890	48.770	-25.230	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5210MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
10420.000	-1.883	44.310	42.426	-31.574	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
10420.000	-0.961	45.650	44.688	-29.312	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5290MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
10580.000	0.118	44.650	44.768	-29.232	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
10580.000	0.544	45.280	45.824	-28.176	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5530MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11060.000	1.986	44.710	46.696	-27.304	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11060.000	2.781	45.690	48.471	-25.529	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test date : 2018/03/16
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5610MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11220.000	2.213	44.520	46.734	-27.266	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11220.000	3.244	45.990	49.234	-24.766	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5690MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11380.000	2.056	44.320	46.377	-27.623	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11380.000	2.701	45.720	48.422	-25.578	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Intel® Wireless-AC 9462
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test date	:	2018/03/16
Test Mode	:	Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal Peak Detector:					
11550.000	2.451	43.950	46.401	-27.599	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical Peak Detector:					
11550.000	3.363	45.270	48.633	-25.367	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. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5200MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
133.790	-7.459	47.280	39.821	-3.679	43.500
169.680	-9.726	44.147	34.421	-9.079	43.500
252.130	-5.834	36.052	30.218	-15.782	46.000
374.350	0.884	36.715	37.599	-8.401	46.000
551.860	3.390	27.436	30.826	-15.174	46.000
792.420	6.391	24.106	30.497	-15.503	46.000
Vertical					
Peak Detector					
163.860	-4.819	42.783	37.964	-5.536	43.500
344.280	-0.584	28.447	27.863	-18.137	46.000
543.130	1.680	23.460	25.140	-20.860	46.000
640.130	-1.584	30.848	29.264	-16.736	46.000
805.030	3.583	22.984	26.567	-19.433	46.000
937.920	3.110	24.022	27.132	-18.868	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5280MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
129.910	-7.394	46.364	38.970	-4.530	43.500
230.790	-8.069	42.379	34.310	-11.690	46.000
368.530	0.696	36.169	36.865	-9.135	46.000
551.860	3.390	28.262	31.652	-14.348	46.000
792.420	6.391	24.207	30.598	-15.402	46.000
937.920	6.750	23.523	30.273	-15.727	46.000
Vertical					
Peak Detector					
115.360	-3.870	38.532	34.663	-8.837	43.500
160.950	-5.046	43.668	38.622	-4.878	43.500
305.480	-4.016	32.637	28.621	-17.379	46.000
518.880	0.763	24.796	25.559	-20.441	46.000
747.800	1.665	25.062	26.727	-19.273	46.000
923.370	3.170	26.933	30.103	-15.897	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5600MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
139.610	-7.534	42.813	35.279	-8.221	43.500
268.620	-5.522	38.333	32.811	-13.189	46.000
385.990	1.160	35.206	36.366	-9.634	46.000
551.860	3.390	31.067	34.457	-11.543	46.000
792.420	6.391	24.209	30.600	-15.400	46.000
947.620	6.971	29.763	36.734	-9.266	46.000
Vertical					
Peak Detector					
112.450	-3.573	38.894	35.320	-8.180	43.500
163.860	-4.819	43.554	38.735	-4.765	43.500
302.570	-3.990	32.861	28.870	-17.130	46.000
640.130	-1.584	30.357	28.773	-17.227	46.000
804.060	3.371	23.165	26.536	-19.464	46.000
937.920	3.110	25.029	28.139	-17.861	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
128.940	-7.390	46.155	38.765	-4.735	43.500
274.440	-6.417	37.674	31.257	-14.743	46.000
383.080	1.305	32.741	34.046	-11.954	46.000
600.360	3.472	27.798	31.270	-14.730	46.000
792.420	6.391	25.055	31.446	-14.554	46.000
919.490	6.805	28.082	34.887	-11.113	46.000
Vertical					
Peak Detector					
120.210	-3.535	37.313	33.778	-9.722	43.500
163.860	-4.819	43.137	38.318	-5.182	43.500
344.280	-0.584	30.692	30.108	-15.892	46.000
640.130	-1.584	30.859	29.275	-16.725	46.000
799.210	2.623	23.338	25.961	-20.039	46.000
937.920	3.110	25.312	28.422	-17.578	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5200MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
133.790	-7.459	42.293	34.834	-8.666	43.500
252.130	-5.834	37.322	31.488	-14.512	46.000
388.900	1.034	32.831	33.865	-12.135	46.000
551.860	3.390	28.957	32.347	-13.653	46.000
792.420	6.391	24.346	30.737	-15.263	46.000
937.920	6.750	24.379	31.129	-14.871	46.000
Vertical					
Peak Detector					
127.970	-3.716	43.156	39.440	-4.060	43.500
179.380	-0.824	37.005	36.181	-7.319	43.500
330.700	-2.244	30.872	28.629	-17.371	46.000
640.130	-1.584	30.599	29.015	-16.985	46.000
794.360	2.657	22.740	25.397	-20.603	46.000
937.920	3.110	23.471	26.581	-19.419	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5280MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
131.850	-7.425	45.407	37.982	-5.518	43.500
248.250	-6.288	37.802	31.514	-14.486	46.000
374.350	0.884	35.744	36.628	-9.372	46.000
551.860	3.390	28.449	31.839	-14.161	46.000
824.430	7.304	22.435	29.739	-16.261	46.000
937.920	6.750	23.842	30.592	-15.408	46.000
Vertical					
Peak Detector					
124.090	-3.677	39.079	35.402	-8.098	43.500
178.410	-0.966	37.580	36.614	-6.886	43.500
343.310	-0.765	29.373	28.608	-17.392	46.000
640.130	-1.584	30.381	28.797	-17.203	46.000
804.060	3.371	23.548	26.919	-19.081	46.000
942.770	3.417	23.599	27.016	-18.984	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5600MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
130.880	-7.407	42.798	35.390	-8.110	43.500
256.010	-5.415	35.879	30.464	-15.536	46.000
379.200	1.301	35.122	36.423	-9.577	46.000
551.860	3.390	27.955	31.345	-14.655	46.000
792.420	6.391	24.739	31.130	-14.870	46.000
937.920	6.750	25.226	31.976	-14.024	46.000
Vertical					
Peak Detector					
164.830	-4.737	43.993	39.256	-4.244	43.500
345.250	-0.462	27.774	27.313	-18.687	46.000
515.970	0.185	25.044	25.229	-20.771	46.000
640.130	-1.584	29.921	28.337	-17.663	46.000
806.000	3.686	22.668	26.354	-19.646	46.000
927.250	3.490	23.235	26.725	-19.275	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
134.760	-7.473	40.835	33.362	-10.138	43.500
254.070	-5.524	36.609	31.085	-14.915	46.000
383.080	1.305	34.524	35.829	-10.171	46.000
551.860	3.390	27.556	30.946	-15.054	46.000
792.420	6.391	24.483	30.874	-15.126	46.000
937.920	6.750	25.675	32.425	-13.575	46.000
Vertical					
Peak Detector					
129.910	-3.714	40.602	36.888	-6.612	43.500
294.810	-4.843	33.455	28.611	-17.389	46.000
380.170	0.962	26.280	27.242	-18.758	46.000
640.130	-1.584	30.857	29.273	-16.727	46.000
804.060	3.371	23.293	26.664	-19.336	46.000
937.920	3.110	24.204	27.314	-18.686	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5190MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
162.890	-10.031	46.944	36.913	-6.587	43.500
254.070	-5.524	37.595	32.071	-13.929	46.000
382.110	1.351	34.472	35.822	-10.178	46.000
551.860	3.390	28.416	31.806	-14.194	46.000
792.420	6.391	24.855	31.246	-14.754	46.000
937.920	6.750	25.470	32.220	-13.780	46.000
Vertical					
Peak Detector					
108.570	-3.762	42.459	38.697	-4.803	43.500
181.320	-1.910	36.195	34.285	-9.215	43.500
336.520	-1.999	30.654	28.655	-17.345	46.000
640.130	-1.584	31.595	30.011	-15.989	46.000
790.480	2.693	24.206	26.899	-19.101	46.000
937.920	3.110	23.319	26.429	-19.571	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5270MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
139.610	-7.534	46.184	38.650	-4.850	43.500
269.590	-5.550	37.648	32.098	-13.902	46.000
384.050	1.268	33.359	34.627	-11.373	46.000
551.860	3.390	28.250	31.640	-14.360	46.000
792.420	6.391	24.151	30.542	-15.458	46.000
950.530	7.044	23.526	30.569	-15.431	46.000
Vertical					
Peak Detector					
109.540	-3.507	41.390	37.882	-5.618	43.500
175.500	-1.842	39.659	37.817	-5.683	43.500
260.860	-4.870	38.617	33.747	-12.253	46.000
640.130	-1.584	29.973	28.389	-17.611	46.000
806.000	3.686	22.391	26.077	-19.923	46.000
930.160	3.830	23.245	27.075	-18.925	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5590MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
131.850	-7.425	41.614	34.189	-9.311	43.500
261.830	-5.466	37.186	31.720	-14.280	46.000
370.470	0.839	35.397	36.236	-9.764	46.000
551.860	3.390	28.076	31.466	-14.534	46.000
792.420	6.391	24.570	30.961	-15.039	46.000
937.920	6.750	24.117	30.867	-15.133	46.000
Vertical					
Peak Detector					
108.570	-3.762	41.588	37.826	-5.674	43.500
176.470	-1.530	40.668	39.138	-4.362	43.500
340.400	-1.287	31.317	30.030	-15.970	46.000
640.130	-1.584	30.548	28.964	-17.036	46.000
793.390	2.676	23.670	26.346	-19.654	46.000
936.950	2.970	22.979	25.949	-20.051	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
133.790	-7.459	46.105	38.646	-4.854	43.500
279.290	-6.430	36.968	30.538	-15.462	46.000
385.020	1.209	33.906	35.115	-10.885	46.000
551.860	3.390	28.486	31.876	-14.124	46.000
792.420	6.391	24.665	31.056	-14.944	46.000
937.920	6.750	24.374	31.124	-14.876	46.000
Vertical					
Peak Detector					
113.420	-3.709	42.209	38.500	-5.000	43.500
179.380	-0.824	37.015	36.191	-7.309	43.500
332.640	-2.255	39.251	36.996	-9.004	46.000
530.520	1.192	26.884	28.076	-17.924	46.000
811.820	2.851	24.318	27.169	-18.831	46.000
943.740	3.383	23.770	27.153	-18.847	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11ac-20BW-7.2Mbps) (5720MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
132.820	-7.442	43.985	36.543	-6.957	43.500
260.860	-5.460	35.704	30.244	-15.756	46.000
372.410	0.871	34.371	35.242	-10.758	46.000
551.860	3.390	28.226	31.616	-14.384	46.000
792.420	6.391	24.324	30.715	-15.285	46.000
930.160	7.530	23.244	30.774	-15.226	46.000
Vertical					
Peak Detector					
128.940	-3.710	39.895	36.185	-7.315	43.500
167.740	-4.506	41.936	37.430	-6.070	43.500
313.240	-4.090	41.619	37.529	-8.471	46.000
640.130	-1.584	30.819	29.235	-16.765	46.000
807.940	3.361	23.020	26.381	-19.619	46.000
930.160	3.830	23.093	26.923	-19.077	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11ac-40BW-15Mbps) (5710MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
128.940	-7.390	44.385	36.995	-6.505	43.500
257.950	-5.432	36.548	31.116	-14.884	46.000
385.990	1.160	32.482	33.642	-12.358	46.000
603.270	4.075	28.981	33.056	-12.944	46.000
792.420	6.391	24.208	30.599	-15.401	46.000
937.920	6.750	23.917	30.667	-15.333	46.000
Vertical					
Peak Detector					
126.030	-3.719	39.486	35.768	-7.732	43.500
176.470	-1.530	36.517	34.987	-8.513	43.500
343.310	-0.765	28.391	27.626	-18.374	46.000
640.130	-1.584	30.676	29.092	-16.908	46.000
813.760	2.886	24.192	27.078	-18.922	46.000
937.920	3.110	24.207	27.317	-18.683	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5210MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
132.820	-7.442	42.571	35.129	-8.371	43.500
239.520	-6.878	38.192	31.314	-14.686	46.000
370.470	0.839	35.693	36.532	-9.468	46.000
551.860	3.390	27.697	31.087	-14.913	46.000
792.420	6.391	23.853	30.244	-15.756	46.000
937.920	6.750	24.638	31.388	-14.612	46.000
Vertical					
Peak Detector					
131.850	-3.855	39.987	36.132	-7.368	43.500
172.590	-3.199	41.929	38.730	-4.770	43.500
302.570	-3.990	32.424	28.433	-17.567	46.000
533.430	1.220	27.799	29.019	-16.981	46.000
755.560	2.829	23.228	26.057	-19.943	46.000
930.160	3.830	23.661	27.491	-18.509	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5290MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
130.880	-7.407	43.256	35.848	-7.652	43.500
263.770	-5.493	36.363	30.870	-15.130	46.000
367.560	0.592	36.395	36.986	-9.014	46.000
551.860	3.390	27.765	31.155	-14.845	46.000
792.420	6.391	23.775	30.166	-15.834	46.000
937.920	6.750	24.075	30.825	-15.175	46.000
Vertical					
Peak Detector					
111.480	-3.439	40.270	36.832	-6.668	43.500
174.530	-2.247	39.063	36.815	-6.685	43.500
335.550	-2.162	31.094	28.932	-17.068	46.000
533.430	1.220	26.621	27.841	-18.159	46.000
687.660	2.292	22.586	24.878	-21.122	46.000
824.430	3.084	22.619	25.703	-20.297	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5530MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
112.450	-7.473	45.588	38.114	-5.386	43.500
162.890	-10.031	43.518	33.487	-10.013	43.500
372.410	0.871	35.193	36.064	-9.936	46.000
551.860	3.390	28.026	31.416	-14.584	46.000
792.420	6.391	24.668	31.059	-14.941	46.000
922.400	6.670	23.249	29.919	-16.081	46.000
Vertical					
Peak Detector					
125.060	-3.725	39.732	36.007	-7.493	43.500
175.500	-1.842	39.024	37.182	-6.318	43.500
344.280	-0.584	28.305	27.721	-18.279	46.000
640.130	-1.584	31.390	29.806	-16.194	46.000
777.870	2.328	23.278	25.606	-20.394	46.000
952.470	3.044	23.636	26.680	-19.320	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
134.760	-7.473	43.559	36.086	-7.414	43.500
258.920	-5.440	36.298	30.858	-15.142	46.000
368.530	0.696	35.009	35.705	-10.295	46.000
551.860	3.390	27.741	31.131	-14.869	46.000
792.420	6.391	24.193	30.584	-15.416	46.000
930.160	7.530	22.694	30.224	-15.776	46.000
Vertical					
Peak Detector					
127.000	-3.712	38.677	34.965	-8.535	43.500
174.530	-2.247	40.044	37.796	-5.704	43.500
361.740	-0.646	28.254	27.607	-18.393	46.000
640.130	-1.584	30.027	28.443	-17.557	46.000
805.030	3.583	22.958	26.541	-19.459	46.000
945.680	3.300	23.259	26.559	-19.441	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5200MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
127.970	-3.716	39.665	35.949	-7.551	43.500
269.590	-6.500	39.213	32.713	-13.287	46.000
382.110	0.521	34.359	34.879	-11.121	46.000
551.860	-1.200	31.289	30.089	-15.911	46.000
792.420	2.681	27.843	30.524	-15.476	46.000
956.350	2.977	29.164	32.141	-13.859	46.000
Vertical					
Peak Detector					
108.570	-3.762	42.413	38.651	-4.849	43.500
181.320	-1.910	38.045	36.135	-7.365	43.500
343.310	-0.765	32.381	31.616	-14.384	46.000
640.130	-1.584	29.665	28.081	-17.919	46.000
771.080	2.766	23.346	26.113	-19.887	46.000
937.920	3.110	25.383	28.493	-17.507	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5280MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
131.850	-7.425	40.760	33.335	-10.165	43.500
262.800	-5.484	33.492	28.008	-17.992	46.000
376.290	1.003	34.953	35.956	-10.044	46.000
551.860	3.390	27.370	30.760	-15.240	46.000
827.340	7.361	24.100	31.461	-14.539	46.000
940.830	6.760	23.118	29.878	-16.122	46.000
Vertical					
Peak Detector					
131.850	-3.855	39.336	35.481	-8.019	43.500
181.320	-1.910	36.200	34.290	-9.210	43.500
343.310	-0.765	29.436	28.671	-17.329	46.000
531.490	1.197	25.376	26.572	-19.428	46.000
696.390	1.047	24.179	25.226	-20.774	46.000
880.690	1.329	24.891	26.220	-19.780	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5600MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
130.880	-7.407	46.562	39.154	-4.346	43.500
268.620	-5.522	37.088	31.566	-14.434	46.000
374.350	0.884	35.631	36.515	-9.485	46.000
551.860	3.390	28.383	31.773	-14.227	46.000
792.420	6.391	23.925	30.316	-15.684	46.000
937.920	6.750	24.306	31.056	-14.944	46.000
Vertical					
Peak Detector					
114.390	-3.824	39.053	35.229	-8.271	43.500
177.440	-1.248	39.244	37.996	-5.504	43.500
338.460	-1.640	28.886	27.245	-18.755	46.000
531.490	1.197	27.359	28.555	-17.445	46.000
781.750	2.763	23.427	26.190	-19.810	46.000
941.800	3.460	22.799	26.259	-19.741	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
131.850	-7.425	42.009	34.584	-8.916	43.500
261.830	-5.466	37.160	31.694	-14.306	46.000
368.530	0.696	34.708	35.404	-10.596	46.000
640.130	0.966	27.340	28.306	-17.694	46.000
826.370	7.359	23.206	30.565	-15.435	46.000
937.920	6.750	24.758	31.508	-14.492	46.000
Vertical					
Peak Detector					
131.850	-3.855	38.752	34.897	-8.603	43.500
181.320	-1.910	36.713	34.803	-8.697	43.500
384.050	-0.122	27.330	27.208	-18.792	46.000
640.130	-1.584	30.334	28.750	-17.250	46.000
792.420	2.681	23.665	26.346	-19.654	46.000
937.920	3.110	24.755	27.865	-18.135	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5200MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
134.760	-7.473	41.560	34.087	-9.413	43.500
256.980	-5.424	35.775	30.351	-15.649	46.000
373.380	0.873	35.188	36.061	-9.939	46.000
551.860	3.390	28.466	31.856	-14.144	46.000
829.280	7.376	24.070	31.446	-14.554	46.000
998.060	8.838	22.898	31.736	-22.264	54.000
Vertical					
Peak Detector					
130.880	-3.777	38.665	34.887	-8.613	43.500
181.320	-1.910	37.580	35.670	-7.830	43.500
380.170	0.962	26.970	27.932	-18.068	46.000
640.130	-1.584	31.516	29.932	-16.068	46.000
807.940	3.361	23.506	26.867	-19.133	46.000
937.920	3.110	24.294	27.404	-18.596	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5280MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
110.510	-7.513	43.775	36.262	-7.238	43.500
167.740	-9.816	45.081	35.265	-8.235	43.500
368.530	0.696	34.482	35.178	-10.822	46.000
600.360	3.472	26.376	29.848	-16.152	46.000
792.420	6.391	24.253	30.644	-15.356	46.000
937.920	6.750	24.358	31.108	-14.892	46.000
Vertical					
Peak Detector					
120.210	-3.535	40.264	36.729	-6.771	43.500
179.380	-0.824	39.181	38.357	-5.143	43.500
346.220	-0.527	31.395	30.868	-15.132	46.000
640.130	-1.584	30.879	29.295	-16.705	46.000
806.000	3.686	22.626	26.312	-19.688	46.000
938.890	3.260	23.592	26.852	-19.148	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5600MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
131.850	-7.425	42.678	35.253	-8.247	43.500
252.130	-5.834	33.106	27.272	-18.728	46.000
368.530	0.696	34.725	35.421	-10.579	46.000
551.860	3.390	27.397	30.787	-15.213	46.000
792.420	6.391	23.580	29.971	-16.029	46.000
929.190	7.420	22.967	30.387	-15.613	46.000
Vertical					
Peak Detector					
129.910	-3.714	39.652	35.938	-7.562	43.500
181.320	-1.910	36.934	35.024	-8.476	43.500
344.280	-0.584	28.750	28.166	-17.834	46.000
640.130	-1.584	30.722	29.138	-16.862	46.000
807.940	3.361	23.036	26.397	-19.603	46.000
937.920	3.110	24.763	27.873	-18.127	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
132.820	-7.442	42.848	35.406	-8.094	43.500
256.980	-5.424	39.236	33.812	-12.188	46.000
373.380	0.873	34.131	35.004	-10.996	46.000
551.860	3.390	28.592	31.982	-14.018	46.000
760.410	5.151	24.079	29.230	-16.770	46.000
932.100	7.270	24.483	31.753	-14.247	46.000
Vertical					
Peak Detector					
127.000	-3.712	41.376	37.664	-5.836	43.500
170.650	-4.103	41.643	37.540	-5.960	43.500
372.410	-0.129	27.316	27.187	-18.813	46.000
640.130	-1.584	29.818	28.234	-17.766	46.000
805.030	3.583	23.275	26.858	-19.142	46.000
937.920	3.110	24.126	27.236	-18.764	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5190MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
131.850	-7.425	44.938	37.513	-5.987	43.500
199.750	-9.827	43.012	33.185	-10.315	43.500
363.680	0.189	35.507	35.696	-10.304	46.000
551.860	3.390	29.212	32.602	-13.398	46.000
792.420	6.391	25.572	31.963	-14.037	46.000
937.920	6.750	24.569	31.319	-14.681	46.000
Vertical					
Peak Detector					
115.360	-3.870	36.712	32.843	-10.657	43.500
179.380	-0.824	37.834	37.010	-6.490	43.500
346.220	-0.527	29.220	28.693	-17.307	46.000
640.130	-1.584	29.747	28.163	-17.837	46.000
788.540	2.714	22.976	25.690	-20.310	46.000
937.920	3.110	24.553	27.663	-18.337	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5270MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
132.820	-7.442	45.053	37.611	-5.889	43.500
257.950	-5.432	36.066	30.634	-15.366	46.000
366.590	0.486	34.927	35.414	-10.586	46.000
551.860	3.390	28.394	31.784	-14.216	46.000
792.420	6.391	24.028	30.419	-15.581	46.000
927.250	7.030	23.389	30.419	-15.581	46.000
Vertical					
Peak Detector					
121.180	-3.559	38.816	35.257	-8.243	43.500
173.560	-2.713	40.758	38.045	-5.455	43.500
332.640	-2.255	31.470	29.215	-16.785	46.000
640.130	-1.584	31.052	29.468	-16.532	46.000
812.790	2.863	24.207	27.070	-18.930	46.000
937.920	3.110	23.808	26.918	-19.082	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5590MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
131.850	-7.425	45.635	38.210	-5.290	43.500
255.040	-5.409	36.409	31.000	-15.000	46.000
368.530	0.696	34.246	34.942	-11.058	46.000
551.860	3.390	28.554	31.944	-14.056	46.000
821.520	7.116	26.025	33.141	-12.859	46.000
937.920	6.750	25.773	32.523	-13.477	46.000
Vertical					
Peak Detector					
127.970	-3.716	38.867	35.151	-8.349	43.500
179.380	-0.824	35.848	35.024	-8.476	43.500
342.340	-0.936	28.904	27.968	-18.032	46.000
640.130	-1.584	30.241	28.657	-17.343	46.000
822.490	3.059	24.003	27.062	-18.938	46.000
937.920	3.110	23.820	26.930	-19.070	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
131.850	-7.425	43.942	36.517	-6.983	43.500
263.770	-5.493	37.047	31.554	-14.446	46.000
369.500	0.787	36.424	37.211	-8.789	46.000
551.860	3.390	29.399	32.789	-13.211	46.000
753.620	4.750	24.681	29.431	-16.569	46.000
956.350	6.607	26.255	32.862	-13.138	46.000
Vertical					
Peak Detector					
130.880	-3.777	39.377	35.599	-7.901	43.500
179.380	-0.824	39.576	38.752	-4.748	43.500
381.140	0.816	27.024	27.840	-18.160	46.000
640.130	-1.584	29.933	28.349	-17.651	46.000
803.090	3.178	23.506	26.684	-19.316	46.000
942.770	3.417	22.994	26.411	-19.589	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11ac-20BW-7.2Mbps) (5720MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
133.790	-7.459	42.734	35.275	-8.225	43.500
250.190	-6.134	36.444	30.311	-15.689	46.000
367.560	0.592	34.953	35.544	-10.456	46.000
551.860	3.390	28.030	31.420	-14.580	46.000
792.420	6.391	23.822	30.213	-15.787	46.000
937.920	6.750	25.356	32.106	-13.894	46.000
Vertical					
Peak Detector					
130.880	-3.777	40.713	36.935	-6.565	43.500
178.410	-0.966	37.815	36.849	-6.651	43.500
263.770	-4.993	30.202	25.209	-20.791	46.000
385.020	-0.441	28.051	27.610	-18.390	46.000
640.130	-1.584	31.072	29.488	-16.512	46.000
928.220	3.640	23.528	27.168	-18.832	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11ac-40BW-15Mbps) (5710MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
131.850	-7.425	42.085	34.660	-8.840	43.500
240.490	-6.662	38.848	32.185	-13.815	46.000
370.470	0.839	36.150	36.989	-9.011	46.000
551.860	3.390	26.656	30.046	-15.954	46.000
792.420	6.391	26.071	32.462	-13.538	46.000
937.920	6.750	25.499	32.249	-13.751	46.000
Vertical					
Peak Detector					
127.970	-3.716	42.681	38.965	-4.535	43.500
176.470	-1.530	39.883	38.353	-5.147	43.500
343.310	-0.765	28.878	28.113	-17.887	46.000
640.130	-1.584	31.473	29.889	-16.111	46.000
806.000	3.686	24.691	28.377	-17.623	46.000
949.560	3.156	24.545	27.701	-18.299	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5210MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
161.920	-10.074	47.247	37.173	-6.327	43.500
254.070	-5.524	38.396	32.872	-13.128	46.000
372.410	0.871	37.996	38.867	-7.133	46.000
551.860	3.390	29.786	33.176	-12.824	46.000
797.270	6.393	26.113	32.507	-13.493	46.000
937.920	6.750	26.834	33.584	-12.416	46.000
Vertical					
Peak Detector					
124.090	-3.677	42.010	38.333	-5.167	43.500
170.650	-4.103	41.664	37.561	-5.939	43.500
347.190	-0.703	30.084	29.381	-16.619	46.000
640.130	-1.584	31.716	30.132	-15.868	46.000
805.030	3.583	24.400	27.983	-18.017	46.000
964.110	3.722	23.497	27.219	-26.781	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5290MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
131.850	-7.425	43.723	36.298	-7.202	43.500
271.530	-5.813	36.583	30.770	-15.230	46.000
371.440	0.860	36.095	36.955	-9.045	46.000
551.860	3.390	29.256	32.646	-13.354	46.000
792.420	6.391	25.910	32.301	-13.699	46.000
928.220	7.230	24.611	31.841	-14.159	46.000
Vertical					
Peak Detector					
131.850	-3.855	41.535	37.680	-5.820	43.500
179.380	-0.824	38.201	37.377	-6.123	43.500
345.250	-0.462	30.143	29.682	-16.318	46.000
640.130	-1.584	31.780	30.196	-15.804	46.000
799.210	2.623	24.872	27.495	-18.505	46.000
937.920	3.110	25.259	28.369	-17.631	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5530MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBμV	dBμV/m	dB	dBμV/m
Horizontal					
Peak Detector					
134.760	-7.473	42.976	35.503	-7.997	43.500
263.770	-5.493	36.607	31.114	-14.886	46.000
372.410	0.871	35.385	36.256	-9.744	46.000
551.860	3.390	29.353	32.743	-13.257	46.000
792.420	6.391	25.473	31.864	-14.136	46.000
922.400	6.670	24.721	31.391	-14.609	46.000
Vertical					
Peak Detector					
131.850	-3.855	40.765	36.910	-6.590	43.500
179.380	-0.824	38.441	37.617	-5.883	43.500
345.250	-0.462	29.759	29.298	-16.702	46.000
640.130	-1.584	32.669	31.085	-14.915	46.000
795.330	2.648	25.457	28.105	-17.895	46.000
929.190	3.780	23.870	27.650	-18.350	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® Wireless-AC 9462
Test Item : General Radiated Emission
Test Site : No.3 OATS
Test date : 2018/03/17
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBµV	dBµV/m	dB	dBµV/m
Horizontal					
Peak Detector					
132.820	-7.442	46.182	38.740	-4.760	43.500
239.520	-6.878	37.901	31.023	-14.977	46.000
377.260	1.107	36.144	37.251	-8.749	46.000
551.860	3.390	29.378	32.768	-13.232	46.000
762.350	5.129	25.461	30.589	-15.411	46.000
928.220	7.230	24.742	31.972	-14.028	46.000
Vertical					
Peak Detector					
119.240	-3.571	41.664	38.094	-5.406	43.500
178.410	-0.966	38.330	37.364	-6.136	43.500
347.190	-0.703	33.232	32.529	-13.471	46.000
535.370	1.415	26.155	27.569	-18.431	46.000
640.130	-1.584	32.301	30.717	-15.283	46.000
822.490	3.059	24.337	27.396	-18.604	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.