# FCC Test Report

## (Class II Permissive Change)

Product Name	Model 7260HMW Wireless Network Adapter
Model No	7260HMW
FCC ID.	MSQ7260H

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

Date of Receipt	May 08, 2014
Issue Date	Jun. 12, 2014
Report No.	1450257R-RFUSP25V00
Report Version	V1.0



The test results relate only to the samples tested.

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

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## Test Report

Issue Date: Jun. 12, 2014 Report No.: 1450257R-RFUSP25V00



Product Name	Model 7260HMW Wireless Network Adapter		
Applicant	ASUSTeK COMPUTER INC.		
Address	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan		
Manufacturer	Intel Mobile Communications		
Model No.	7260HMW		
FCC ID.	MSQ7260H		
EUT Rated Voltage	DC 3.3V (via Mini-PCI Express slot)		
EUT Test Voltage	AC 120V/60Hz		
Trade Name	Intel		
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2012		
	ANSI C63.10: 2009, KDB 558074		
Test Result	Complied		

Documented By

:

:

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Tested By

(Engineer / Andy Lin)

Approved By

( Director / Vincent Lin )

### TABLE OF CONTENTS

#### Description Page 1. GENERAL INFORMATION ......4 1.1. 1.2. 1.3. 1.4. 1.5. 1.6. 2. Peak Power Output ......11 2.1. 2.2. 2.3. 2.4. 2.5. 2.6. 3. 3.1. 3.2. 3.3. 3.4. 3.5. 3.6. 4. 4.1. 4.2. 4.3. 4.4. 4.5. 4.6. 5. Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs

### 1. GENERAL INFORMATION

#### **1.1. EUT Description**

Product Name	Model 7260HMW Wireless Network Adapter
Trade Name	Intel
Model No.	7260HMW
FCC ID.	MSQ7260H
Frequency Range	802.11b/g/n-20MHz: 2412-2462MHz, 802.11n-40MHz: 2422-2452MHz
	802.11a/n-20MHz: 5745-5825MHz, 802.11n-40MHz: 5755-5795MHz
	802.11ac-80MHz: 5775 MHz
Number of Channels	802.11b/g/n-20MHz: 11, n-40MHz: 7
	802.11a/n-20MHz: 5, n-40MHz: 2
	802.11ac-80MHz: 1
Data Speed	802.11b: 1-11Mbps, 802.11a/g: 6-54Mbps, 802.11n: up to 300Mbps
	802.11ac-80MHz: up to 866.7MHz
Channel separation	802.11b/g/n-20MHz: 5 MHz, 802.11a/n-20MHz: 20MHz
	802.11n-40MHz: 40MHz, 802.11ac-80MHz: 80MHz
Type of Modulation	802.11b:DSSS, DBPSK, DQPSK, CCK
	802.11a/g/n: OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna Type	PIFA Antenna
Antenna Gain	Refer to the table "Antenna List"
Channel Control	Auto
Test Platform.(Notebook PC)	Brand Name: ASUS, M/N: Q551L / N591L
Power Adapter	MFR : PI, M/N : AD887320
	INPUT : 100-240V, 50-60Hz, 1.5A
	OUTPUT : 19V, 3.42A
	Cable out : Non-shielded, 2.3m

#### Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ACON	APP6P-701177 (Main)(Aux)	PIFA	1.12dBi For 2.4GHz
				0.53dBi For 5725-5850GHz
2	INPAQ	WA-F-LBLB-04-025 (Main)(Aux)	PIFA	1.01dBi For 2.4GHz
				0.43dBi For 5725-5850GHz

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

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

802.11b/g/n-20MHz Center Frequency of Each Channel: Channel Frequency Channel Frequency Channel Frequency Channel Frequency Channel 01: 2412 MHz Channel 02: 2417 MHz Channel 03: 2422 MHz Channel 04: 2427 MHz Channel 05: 2432 MHz Channel 06: Channel 07: 2442 MHz Channel 08: 2437 MHz 2447 MHz Channel 09: 2452 MHz Channel 10: 2457 MHz Channel 11: 2462 MHz 802.11a/n-20MHz Center Working Frequency of Each Channel: Channel Frequency Channel Frequency Channel Frequency Channel Frequency Channel 149: 5745 MHz Channel 153: 5765 MHz Channel 157: 5785 MHz Channel 161: 5805 MHz Channel 165: 5825 MHz 802.11n-40MHz (2.4G Band) Center Working Frequency of Each Channel: Channel Frequency Channel Frequency Channel Frequency Channel Frequency Channel 3: 2422 MHz Channel 4: 2427 MHz Channel 5: 2432 MHz Channel 6: 2437 MHz Channel 7: 2442 MHz Channel 8: 2447 MHz Channel 9: 2452 MHz 802.11n-40MHz (5G Band) Center Working Frequency of Each Channel: Channel Frequency Channel Frequency Channel 151: 5755 MHz Channel 159: 5795 MHz

802.11ac-80MHz Carrier Frequency of Each Channel:

Channel Frequency

Channel 155: 5775 MHz

Note:

- 1. This device is a Model 7260HMW Wireless Network Adapter, Contains functions and so on WLAN Bluetooth, This report for WLAN.
- 2. The Hardware is identical for two models, the differences between the models is sale via different distributors.
- 3. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
- 4. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report. (802.11b is 1Mbps \$\sigma 802.11g is 6Mbps \$\sigma 802.11n(20M-BW) is 14.4Mbps \$\sigma 802.11n(40M-BW) is 30Mbps) and 802.11ac(80M-BW) is 65Mbps.
- 5. At result of pretests, module supports dual-channel transmission, only the worst case is shown in the report. (802.11b is chain A \$ 802.11g is chain A \$ 802.11a is chain A)
- 6. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11a/b/g/n/ac transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.
- 7. This is to request a Class II permissive change for FCC ID: MSQ7260H, originally granted on 04/19/2014.

The major change filed under this application is:

Change #1: Additional Chassis added, Model number: Q551L, N591L

- #2: Reduce the Output Power through firmware (only reduce Wi-Fi Power, Bluetooth power haven't changes).
- #3: Addition two new antennas, the antenna type is the same, the antenna gain is smaller than the original application.

Test Mode:	Mode 1: Transmit - 802.11b 1Mbps
	Mode 2: Transmit - 802.11g 6Mbps
	Mode 3: Transmit - 802.11a 6Mbps
	Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)
	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band)
	Mode 6: Transmit - 802.11n-20BW_14.4Mbps(5G Band)
	Mode 7: Transmit - 802.11n-40BW_30Mbps(5G Band)
	Mode 8: Transmit - 802.11ac-80BW_65Mbps(5G Band)

#### **1.3.** Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Monitor	Dell	ST2320LF	CN-QM2NN6-72892-221-C9WS	Non-Shielded, 1.8m
2	Sub Woofer	ASUS	N/A	N/A	N/A
3	Keyboard	DELL	SK-8115	MY-0DJ325-71619-6A3-1918	N/A
4	USB Mouse	Logitech	M-U0003	LZ024HR	N/A
5	IPod nano	Apple	A1199	7R649LBKVQ5	N/A
6	Earphone	Dr.AV	CD-806B	N/A	N/A

Signal Cable Type		Signal cable Description
А	HDMI Cable	Non-Shielded, 1.3m
В	Speaker Cable	Non-Shielded, 0.45
С	Keyboard Cable	Non-Shielded, 1.7m, with one ferrite core bonded.
D	Mouse Cable	Non-Shielded, 1.8m
Е	I-Pod Cable	Non-Shielded, 1.2m
F	Earphone Cable	Non-Shielded, 1.6m

### 1.4. Configuration of Tested System



#### 1.5. EUT Exercise Software

- (1) Setup the EUT as shown in Section 1.4
- (2) Execute "DRTU Ver1.7.0-778 the Notebook PC.
- (3) Configure the test mode, the test channel, and the data rate.
- (4) Press "OK" to start the continuous Transmit.
- (5) Verify that the EUT works properly.

#### 1.6. Test Facility

Ambient conditions in the laboratory:

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

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : <u>http://www.quietek.com/tw/ctg/cts/accreditations.htm</u> The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : <u>http://www.quietek.com/</u>

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

Site Name:	Quietek Corporation
Site Address:	No.5-22, Ruishukeng Linkou Dist., New Taipei City
	24451, Taiwan, R.O.C.
	TEL: 886-2-8601-3788 / FAX : 886-2-8601-3789
	E-Mail : <u>service@quietek.com</u>

FCC Accreditation Number: TW1014

#### 2. Peak Power Output

#### 2.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Х	Power Meter	Anritsu	ML2495A/6K00003357	May, 2014
Х	Power Sensor	Anritsu	MA2411B/0738448	Jun., 2014
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun., 2014
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun., 2014
Х	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2014
Note	•			

1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. The test instruments marked with "X" are used to measure the final test results.

#### 2.2. Test Setup

#### Conduction Power Measurement (for 802.11abgn)



#### Conduction Power Measurement (for 802.11ac)



#### 2.3. Limits

The maximum peak power shall be less 1 Watt.

#### 2.4. Test Procedure

The EUT was tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using KDB 558074 section 9.1.3 PKPM1 Peak power meter method.

<u>Note: the power meter have a video bandwidth that is greater than or equal to the measurement</u> <u>bandwidth, (Anritsu/ MA2411B video bandwidth: 65MHz)</u>

802.11ac (BW=80MHz) maximum peak conducted output power was tested using spectrum measurement, when transmitted signals consist of two or more non-contiguous spectrum segments (e.g., 80+80 MHz mode) or when a single spectrum segment of a transmission crosses the boundary between two adjacent U-NII bands, KDB 644545 D01 section F) procedure is used for measurements.

#### 2.5. Uncertainty

± 1.27 dB

#### 2.6. Test Result of Peak Power Output

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit - 802.11b 1Mbps

#### CHAIN A

Channel No	Frequency (MHz)	Peak Power Data Rate 1 Mbps	Required Limit	Result
01	2412	16.21	<30dBm	Pass
06	2437	16.30	<30dBm	Pass
11	2462	16.19	<30dBm	Pass

:	Model 7260HMW Wireless Network Adapter
:	Peak Power Output Data
:	No.3 OATS
:	Mode 2: Transmit - 802.11g 6Mbps
	: : :

Channel No	Frequency (MHz)	Peak Power Data Rate 6 Mbps	Required Limit	Result
01	2412	18.80	<30dBm	Pass
06	2437	19.02	<30dBm	Pass
11	2462	18.77	<30dBm	Pass

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 3: Transmit - 802.11a 6Mbps

Channel No	Frequency (MHz)	Peak Power Data Rate 6 Mbps	Required Limit	Result
149	5745	13.88	<30dBm	Pass
157	5785	13.71	<30dBm	Pass
165	5825	13.51	<30dBm	Pass

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

	Frequency	Peak Power	
Channel No	(MHz)	Data Rate 14.4 Mbps	
01	2412	16.74	
06	2437	17.74	
11	2462	17.41	

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

#### CHAIN B

Channel Ne	Frequency	Peak Power	
Channel No	(MHz)	Data Rate 14.4 Mbps	
01	2412	16.68	
06	2437	17.64	
11	2462	17.22	

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

#### CHAIN A+B

Channel	Frequency	Data Rata	Chain A Power	Chain B Power	Chain A+B Power	Limit	Result
	(MHz)	(Mbps)	(dBm)	(dBm)	(dBm)	(dBm)	
1	2412	14.4	16.74	16.68	19.72	<30dBm	Pass
6	2437	14.4	17.74	17.64	20.70	<30dBm	Pass
11	2462	14.4	17.41	17.22	20.33	<30dBm	Pass

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band)

	Frequency	Peak Power	
Channel No	(MHz)	Data Rate 30 Mbps	
3	2422	12.23	
4	2427	13.40	
5	2432	15.92	
6	2437	17.10	
9	2452	15.71	

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

#### CHAIN B

	Frequency	Peak Power	
Channel No	(MHz)	Data Rate 30 Mbps	
3	2422	12.11	
4	2427	13.21	
5	2432	15.66	
6	2437	17.19	
9	2452	15.62	

Channel	Frequency	Data Rata	Chain A Power	Chain B Power	Chain A+B Power	Limit	Result
	(MHz)	(Mbps)	(dBm)	(dBm)	(dBm)	(dBm)	
3	2422	30	12.23	12.11	15.18	<30dBm	Pass
4	2427	30	13.40	13.21	16.32	<30dBm	Pass
5	2432	30	15.92	15.66	18.80	<30dBm	Pass
6	2437	30	17.10	17.19	20.16	<30dBm	Pass
9	2452	30	15.71	15.62	18.68	<30dBm	Pass

#### CHAIN A+B

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 6: Transmit - 802.11n-20BW_14.4Mbps(5G Band)

	Frequency	Peak Power		
Channel No	(MHz)	Data Rate 14.4 Mbps		
149	5745	11.26		
157	5785	11.21		
165	5825	11.16		

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

#### CHAIN B

	Frequency	Peak Power		
Channel No	(MHz)	Data Rate 14.4 Mbps		
149	5745	10.58		
157	5785	10.72		
165	5825	10.09		

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

#### CHAIN A+B

Channel	Frequency	Data Rata	Chain A Power	Chain B Power	Chain A+B Power	Limit	Result
	(MHz)	(Mbps)	(dBm)	(dBm)	(dBm)	(dBm)	
149	5745	14.4	11.26	10.58	13.94	<30dBm	Pass
157	5785	14.4	11.21	10.72	13.98	<30dBm	Pass
165	5825	14.4	11.16	10.09	13.67	<30dBm	Pass

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 7: Transmit - 802.11n-40BW_30Mbps(5G Band)

	Frequency	Peak Power	
Channel No	(MHz)	Data Rate 30 Mbps	
151	5755	10.74	
159	5795	10.81	

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

#### CHAIN B

~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Frequency	Peak Power	
Channel No	(MHz)	Data Rate 30 Mbps	
151	5755	10.32	
159	5795	10.26	

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

#### CHAIN A+B

Channel	Frequency	Data Rata	Chain A Power	Chain B Power	Chain A+B Power	Limit	Result
	(MHz)	(Mbps)	(dBm)	(dBm)	(dBm)	(dBm)	
151	5755	30	10.74	10.32	13.55	<30dBm	Pass
159	5795	30	10.81	10.26	13.55	<30dBm	Pass

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Peak Power Output Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 8: Transmit - 802.11ac-80BW_65Mbps(5G Band)

	Frequency	Peak Power	
Channel No	(MHz)	Data Rate 65 Mbps	
155	5775	13.26	

#### CHAIN B

Channel No	Frequency	Peak Power
	(MHz)	Data Rate 65 Mbps
155	5775	13.00

#### CHAIN A+B

Channel	Frequency	Data Rata	Chain A Power	Chain B Power	Chain A+B Power	Limit	Result
	(MHz)	(Mbps)	(dBm)	(dBm)	(dBm)	(dBm)	
155	5775	65	13.26	13.00	16.14	<30dBm	Pass



#### **Peak Power Output**

#### Channel 155– Chain A

Agiler	nt Speci	trum Ar	halyzer - Ch	annel Power								
w Cer	iter F	req	5.77500	AC   D0000 GH #IF!	lz Gain:Low ♀	Center Fi Trig: Free #Atten: 20	NSE:INT req: 5.77500 e Run 0 dB	0000 GHz Avg Hold	ALIGN AUTO	12:27:42 F Radio Std: Radio Dev	MJun 13, 2014 None ice: BTS	Frequency
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-50.0 -60.0											- WAR	
-70.0 Cen	ter 5	5.775	GHz							Span	200 MHz	CF Step 20.000000 MHz Auto Man
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с	Channel Power Power Spectral Density							Freq Offset 0 Hz				
		13.	26 di	3m / 8	0.2 MH		-	5.780	dBm	/MHz		
MSG									STATUS	5		

#### Channel 155– Chain B

Agiler	nt Spect	rum Analyzer - Ch	annel Power								
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Cer	Trig: Free Run Avg Hold>10/10										
		]	#IF	Gain:Low	#Atten: 20	0 dB			Radio Dev	ice: BTS	
10 d	B/div	Ref 20.0	0 dBm	-							
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-60.0											
70.0											
-70.0											CF Step
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										<u> </u>	
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		15.00 ul	011110			-,	0.045	ubm			
MSG								STATUS			

#### **3.** Radiated Emission

#### **3.1.** Test Equipment

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

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
$\Box$ Site # 3	Х	Loop Antenna	Teseq	HLA6120 / 26739	Jul., 2013
	Х	Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2013
	Х	Horn Antenna	Schwarzbeck	BBHA9120D/D305	Sep., 2013
	Х	Horn Antenna	Schwarzbeck	BBHA9170/208	Jul., 2013
	Х	Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2014
	Х	Pre-Amplifier	QTK	AP-180C / CHM_0906076	Sep., 2013
	Х	Pre-Amplifier	MITEQ	AMF-4D-180400-45-6P/ 925975	Mar, 2014
	Х	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2014
	Х	Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2013
	Х	Coaxial Cable	QuieTek	QTK-CABLE/ CAB5	Feb., 2014
	X	Controller	QuieTek	QTK-CONTROLLER/ CTRL3	N/A
	Χ	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. The test instruments marked with "X" are used to measure the final test results.

#### 3.2. Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



#### 3.3. Limits

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

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

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

#### **3.4.** Test Procedure

The EUT was setup according to ANSI C63.10, 2009 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 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 C63.10:2009 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.

#### 3.5. Uncertainty

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

#### 3.6. Test Result of Radiated Emission

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Harmonic Radiated Emission Data
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit - 802.11b 1Mbps (2412MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4824.000	3.261	37.560	40.821	-33.179	74.000
7236.000	10.650	36.560	47.210	-26.790	74.000
9648.000	13.337	36.520	49.856	-24.144	74.000
Average					
<b>Detector:</b>					
Vertical					
Peak Detector:					
4824.000	6.421	38.290	44.711	-29.289	74.000
7236.000	11.495	36.510	48.005	-25.995	74.000
9648.000	13.807	36.230	50.036	-23.964	74.000
Average					
<b>Detector:</b>					

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

Product	: Model 7260HMW Wireless Network Adapter							
Test Item	: Harmon	: Harmonic Radiated Emission Data						
Test Site	: No.3 O	ATS						
Test Mode	: Mode 1: Transmit - 802.11b 1Mbps (2437 MHz)							
Frequency	Correct	Reading	Measurement	Margin	Limit			
	Factor	Level	Level					
MHz	dB	dBuV	dBuV/m	dB	dBuV/m			
Horizontal								
Peak Detector:								
4874.000	3.038	38.560	41.597	-32.403	74.000			
7311.000	11.795	36.529	48.323	-25.677	74.000			
9748.000	12.635	36.590	49.225	-24.775	74.000			
Average								
<b>Detector:</b>								
Vertical								
Peak Detector:								
4874.000	5.812	38.590	44.401	-29.599	74.000			
7311.000	12.630	36.510	49.139	-24.861	74.000			
9748.000	13.126	36.210	49.336	-24.664	74.000			
Average								
<b>Detector:</b>								

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

Product	: Model 7260HMW Wireless Network Adapter						
Test Item	: Harmonic Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 1: Transmit - 802.11b 1Mbps (2462 MHz)						
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
4924.000	2.858	38.150	41.007	-32.993	74.000		
7386.000	12.127	36.290	48.418	-25.582	74.000		
9848.000	12.852	36.560	49.413	-24.587	74.000		
Average							
<b>Detector:</b>							
Vertical							
Peak Detector:							
4924.000	5.521	39.260	44.780	-29.220	74.000		
7386.000	13.254	36.150	49.404	-24.596	74.000		
9848.000	13.367	36.540	49.907	-24.093	74.000		
Average							
<b>Detector:</b>							

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

Product	: Model 7260HMW Wireless Network Adapter						
Test Item	: Harmonic Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 2: Transmit - 802.11g 6Mbps (2412MHz)						
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
4824.000	3.261	37.540	40.801	-33.199	74.000		
7236.000	10.650	36.570	47.220	-26.780	74.000		
9648.000	13.337	36.590	49.926	-24.074	74.000		
Average							
<b>Detector:</b>							
Vertical							
Peak Detector:							
4824.000	6.421	38.660	45.081	-28.919	74.000		
7236.000	11.495	36.580	48.075	-25.925	74.000		
9648.000	13.807	36.580	50.386	-23.614	74.000		
Average							
Detector:							

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

Product	: Model 7260HMW Wireless Network Adapter							
Test Item	: Harmon	: Harmonic Radiated Emission Data						
Test Site	: No.3 O	ATS						
Test Mode	: Mode 2: Transmit - 802.11g 6Mbps (2437 MHz)							
Frequency	Correct	Reading	Measurement	Margin	Limit			
	Factor	Level	Level					
MHz	dB	dBuV	dBuV/m	dB	dBuV/m			
Horizontal								
Peak Detector:								
4874.000	3.038	38.590	41.627	-32.373	74.000			
7311.000	11.795	36.590	48.384	-25.616	74.000			
9748.000	12.635	36.670	49.305	-24.695	74.000			
Average								
Detector:								
Vertical								
Peak Detector:								
4874.000	5.812	39.570	45.381	-28.619	74.000			
7311.000	12.630	36.370	48.999	-25.001	74.000			
9748.000	13.126	37.050	50.176	-23.824	74.000			
Average								
<b>Detector:</b>								

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

Product	: Model 7260HMW Wireless Network Adapter					
Test Item	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS					
Test Mode	: Mode 2: Transmit - 802.11g 6Mbps (2462 MHz)					
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
Peak Detector:						
4924.000	2.858	37.690	40.547	-33.453	74.000	
7386.000	12.127	36.990	49.118	-24.882	74.000	
9848.000	12.852	36.470	49.323	-24.677	74.000	
Average						
<b>Detector:</b>						
Vertical						
Peak Detector:						
4924.000	5.521	37.540	43.060	-30.940	74.000	
7386.000	13.254	36.990	50.244	-23.756	74.000	
9848.000	13.367	36.480	49.847	-24.153	74.000	
Average						
<b>Detector:</b>						

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

Product	: Model 7260HMW Wireless Network Adapter						
Test Item	: Harmonic Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 3: Transmit - 802.11a 6Mbps (5745 MHz)						
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
11490.000	17.676	35.660	53.337	-20.663	74.000		
Average							
<b>Detector:</b>							
Vertical							
Peak Detector:							
11490.000	18.604	35.150	53.755	-20.245	74.000		

#### Average

#### **Detector:**

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- 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.

: Model 7260HMW Wireless Network Adapter						
: Harmonic Radiated Emission Data						
: No.3 OATS						
: Mode 3: Transmit - 802.11a 6Mbps (5785 MHz)						
Correct	Reading	Measurement	Margin	Limit		
Factor	Level	Level				
dB	dBuV	dBuV/m	dB	dBuV/m		
17.459	35.620	53.079	-20.921	74.000		
18.348	35.480	53.828	-20.172	74.000		
	<ul> <li>Model 7</li> <li>Harmoni</li> <li>No.3 OA</li> <li>Mode 3:</li> </ul> Correct Factor dB 17.459 18.348	<ul> <li>Model 7260HMW Wireles</li> <li>Harmonic Radiated Emiss</li> <li>No.3 OATS</li> <li>Mode 3: Transmit - 802.11</li> <li>Correct Reading</li> <li>Factor Level</li> <li>dB dBuV</li> </ul> 17.459 35.620 18.348 35.480	<ul> <li>Model 7260HMW Wireless Network Adapter</li> <li>Harmonic Radiated Emission Data</li> <li>No.3 OATS</li> <li>Mode 3: Transmit - 802.11a 6Mbps (5785 MHz</li> <li>Correct Reading Measurement Factor Level Level dB dBuV dBuV/m</li> <li>17.459 35.620 53.079</li> <li>18.348 35.480 53.828</li> </ul>	<ul> <li>Model 7260HMW Wireless Network Adapter</li> <li>Harmonic Radiated Emission Data</li> <li>No.3 OATS</li> <li>Mode 3: Transmit - 802.11a 6Mbps (5785 MHz)</li> </ul> Correct Reading Measurement Margin Factor Level Level dB dBuV dBuV/m dB 17.459 35.620 53.079 -20.921 18.348 35.480 53.828 -20.172		

#### Average

#### **Detector:**

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

Product	: Model 7260HMW Wireless Network Adapter						
Test Item	: Harmonic Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 3: Transmit - 802.11a 6Mbps (5825 MHz)						
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
11650.000	16.715	35.350	52.066	-21.934	74.000		
Average							
<b>Detector:</b>							
Vertical							
<b>Peak Detector:</b>							
11650.000	17.831	35.150	52.982	-21.018	74.000		

#### Average

**Detector:** 

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

Product	: Model 7260HMW Wireless Network Adapter					
Test Item	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS					
Test Mode	: Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band) (2412MHz)					
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
Peak Detector:						
4824.000	3.261	37.540	40.801	-33.199	74.000	
7236.000	10.650	36.180	46.830	-27.170	74.000	
9648.000	13.337	36.680	50.016	-23.984	74.000	
Average						
<b>Detector:</b>						
Vertical						
Peak Detector:						
4824.000	6.421	39.260	45.681	-28.319	74.000	
7236.000	11.495	37.150	48.645	-25.355	74.000	
9648.000	13.807	36.960	50.766	-23.234	74.000	
Average						
<b>Detector:</b>						

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

Product	: Model 7260HMW Wireless Network Adapter					
Test Item	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS					
Test Mode	de : Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band) (2437 MHz					
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
Peak Detector:						
4874.000	3.038	37.590	40.627	-33.373	74.000	
7311.000	11.795	36.580	48.374	-25.626	74.000	
9748.000	12.635	36.490	49.125	-24.875	74.000	
Average						
Detector:						
Vertical						
Peak Detector:						
4874.000	5.812	39.150	44.961	-29.039	74.000	
7311.000	12.630	37.150	49.779	-24.221	74.000	
9748.000	13.126	36.560	49.686	-24.314	74.000	
Average						
<b>Detector:</b>						

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- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
| Product          | : Model 7260HMW Wireless Network Adapter |                  |                   |                  |        |  |  |
|------------------|--|------------------|-------------------|------------------|--------|--|--|
| Test Item        | : Harmonic Radiated Emission Data        |                  |                   |                  |        |  |  |
| Test Site        | : No.3 OATS                              |                  |                   |                  |        |  |  |
| Test Mode        | : Mode 4:                                | Transmit - 802.1 | 1n-20BW_14.4Mbps( | (2.4G Band) (246 | 2 MHz) |  |  |
|                  |  |                  |                   |                  |        |  |  |
| Frequency        | Correct                                  | Reading          | Measurement       | Margin           | Limit  |  |  |
|                  | Factor                                   | Level            | Level             |                  |        |  |  |
| MHz              | dB                                       | dBuV             | dBuV/m            | dB               | dBuV/m |  |  |
| Horizontal       |  |                  |                   |                  |        |  |  |
| Peak Detector:   |  |                  |                   |                  |        |  |  |
| 4924.000         | 2.858                                    | 37.150           | 40.007            | -33.993          | 74.000 |  |  |
| 7386.000         | 12.127                                   | 36.150           | 48.278            | -25.722          | 74.000 |  |  |
| 9848.000         | 12.852                                   | 36.590           | 49.443            | -24.557          | 74.000 |  |  |
| Average          |  |                  |                   |                  |        |  |  |
| <b>Detector:</b> |  |                  |                   |                  |        |  |  |
|                  |  |                  |                   |                  |        |  |  |
| Vertical         |  |                  |                   |                  |        |  |  |
| Peak Detector:   |  |                  |                   |                  |        |  |  |
| 4924.000         | 5.521                                    | 39.680           | 45.200            | -28.800          | 74.000 |  |  |
| 7386.000         | 13.254                                   | 36.950           | 50.204            | -23.796          | 74.000 |  |  |
| 9848.000         | 13.367                                   | 36.840           | 50.207            | -23.793          | 74.000 |  |  |
| Average          |  |                  |                   |                  |        |  |  |
| <b>Detector:</b> |  |                  |                   |                  |        |  |  |

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

Product	: Model 7260HMW Wireless Network Adapter						
Test Item	: Harmonic Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 5: '	Transmit - 802.1	1n-40BW_30Mbps(2	.4G Band) (2422)	MHz)		
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
4844.000	3.171	37.590	40.761	-33.239	74.000		
7266.000	11.162	36.570	47.732	-26.268	74.000		
9688.000	12.964	36.880	49.845	-24.155	74.000		
Average							
<b>Detector:</b>							
Vertical							
Peak Detector:							
4844.000	6.178	40.550	46.728	-27.272	74.000		
7266.000	11.982	36.580	48.562	-25.438	74.000		
9688.000	13.507	37.150	50.658	-23.342	74.000		
Average							
Detector:							

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

Product	: Model 7260HMW Wireless Network Adapter					
Test Item	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS					
Test Mode	: Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) (2437 MHz)					
Frequency	Correct	Reading	Measurement	Margin	Limit	
	Factor	Level	Level			
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
Peak Detector:						
4874.000	3.038	36.590	39.627	-34.373	74.000	
7311.000	11.795	36.580	48.374	-25.626	74.000	
9748.000	12.635	38.150	50.785	-23.215	74.000	
Average						
<b>Detector:</b>						
Vertical						
Peak Detector:						
4874.000	5.812	38.150	43.961	-30.039	74.000	
7311.000	12.630	36.540	49.169	-24.831	74.000	
9748.000	13.126	36.880	50.006	-23.994	74.000	
Average						
<b>Detector:</b>						

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

Product	: Model 7260HMW Wireless Network Adapter						
Test Item	: Harmonic Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) (2452 MHz)						
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
<b>Peak Detector:</b>							
4904.000	2.914	37.580	40.495	-33.505	74.000		
7356.000	11.995	36.510	48.504	-25.496	74.000		
9808.000	12.475	36.590	49.065	-24.935	74.000		
Average							
<b>Detector:</b>							
Vertical							
Peak Detector:							
4904.000	5.530	38.150	43.681	-30.319	74.000		
7356.000	13.005	36.150	49.154	-24.846	74.000		
9808.000	12.901	36.590	49.491	-24.509	74.000		
Average							
<b>Detector:</b>							

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

Product	: Model 7	260HMW Wirele	ss Network Adapter				
Test Item	: Harmon	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS						
Test Mode	: Mode 6:	Transmit - 802.1	1n-20BW_14.4Mbps	(5G Band) (5745)	MHz)		
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
11490.000	17.676	35.260	52.937	-21.063	74.000		
Average							
<b>Detector:</b>							
Vertical							
Peak Detector:							
11490.000	18.604	35.360	53.965	-20.035	74.000		

### **Detector:**

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

Product	: Model 7	: Model 7260HMW Wireless Network Adapter					
Test Item	: Harmon	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS						
Test Mode	: Mode 6: Transmit - 802.11n-20BW_14.4Mbps(5G Band) (5785 MHz)						
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
11570.000	17.459	35.560	53.019	-20.981	74.000		
Average							
<b>Detector:</b>							
Vertical							
Peak Detector:							
11570.000	18.348	35.230	53.578	-20.422	74.000		

**Detector:** 

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

Product	: Model 7260HMW Wireless Network Adapter							
Test Item	: Harmon	: Harmonic Radiated Emission Data						
Test Site	<ul> <li>No.3 OATS</li> <li>Mode 6: Transmit - 802.11n-20BW_14.4Mbps(5G Band) (5825 MHz)</li> </ul>							
Test Mode								
Frequency	Correct	Reading	Measurement	Margin	Limit			
	Factor	Level	Level					
MHz	dB	dBuV	dBuV/m	dB	dBuV/m			
Horizontal								
Peak Detector:								
11650.000	16.715	35.260	51.976	-22.024	74.000			
Average								
Detector:								
Vertical								
Peak Detector:								
11650.000	17.831	35.510	53.342	-20.658	74.000			

**Detector:** 

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

Product	: Model 7	260HMW Wirele	ss Network Adapter				
Test Item	: Harmon	: Harmonic Radiated Emission Data					
Test Site	Test Site : No.3 OATS						
Test Mode	: Mode 7	Transmit - 802.1	1n-40BW_30Mbps(5	G Band) (5755M	Hz)		
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
11510.000	17.124	35.650	52.774	-21.226	74.000		
Average							
Detector:							
Dettector.							
Vartical							
vertical							
Peak Detector:							
11510.000	18.081	35.590	53.671	-20.329	74.000		

#### **Detector:**

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

Product	: Model 72	260HMW Wirele	ss Network Adapter				
Test Item	: Harmoni	: Harmonic Radiated Emission Data					
Test Site	: No.3 OATS						
Test Mode	: Mode 7:	Transmit - 802.1	1n-40BW_30Mbps(5	G Band) (5795 M	IHz)		
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
Peak Detector:							
11590.000	16.701	36.260	52.960	-21.040	74.000		
Average							
<b>Detector:</b>							
Vertical							
Peak Detector:							
11590.000	17.567	35.350	52.916	-21.084	74.000		

### **Detector:**

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

Product	: Model 7	: Model 7260HMW Wireless Network Adapter						
Test Item	: Harmon	: Harmonic Radiated Emission Data						
Test Site	: No.3 OATS							
Test Mode	: Mode 8:	Transmit - 802.1	1ac-80BW_65Mbps(	5G Band) (5775 M	MHz)			
Frequency	Correct	Reading	Measurement	Margin	Limit			
	Factor	Level	Level					
MHz	dB	dBuV	dBuV/m	dB	dBuV/m			
Horizontal								
Peak Detector:								
11550.000	16.914	34.770	51.684	-22.316	74.000			
Average								
<b>Detector:</b>								
Vertical								
<b>Peak Detector:</b>								
11550.000	17.826	35.160	52.985	-21.015	74.000			

**Detector:** 

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

Product	: Model 7260HMW Wireless Network Adapter						
Test Item	: General Radiated Emission Data						
Test Site	<ul> <li>No.3 OATS</li> <li>Mode 1: Transmit - 802.11b 1Mbps (2437 MHz)</li> </ul>						
Test Mode							
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
30.000	-0.150	36.026	35.876	-4.124	40.000		
150.280	-7.870	42.391	34.521	-8.979	43.500		
270.560	-5.638	40.231	34.593	-11.407	46.000		
485.900	1.316	32.665	33.981	-12.019	46.000		
606.180	4.196	33.919	38.115	-7.885	46.000		
930.160	7.530	22.704	30.234	-15.766	46.000		
Vertical							
82.380	-4.523	29.727	25.204	-14.796	40.000		
177.440	-1.248	25.946	24.698	-18.802	43.500		
377.260	0.647	28.026	28.673	-17.327	46.000		
617.820	0.958	25.124	26.082	-19.918	46.000		
815.700	2.931	24.404	27.335	-18.665	46.000		
965.080	3.832	25.226	29.058	-24.942	54.000		

- 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	: Model 7260HMW Wireless Network Adapter						
Test Item	: General Radiated Emission Data						
Test Site	<ul> <li>No.3 OATS</li> <li>Mode 2: Transmit - 802.11g 6Mbps (2437 MHz)</li> </ul>						
Test Mode							
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
39.700	-3.625	33.298	29.673	-10.327	40.000		
142.520	-7.627	31.855	24.228	-19.272	43.500		
375.320	0.918	37.135	38.053	-7.947	46.000		
530.520	3.062	32.392	35.454	-10.546	46.000		
829.280	7.376	23.763	31.139	-14.861	46.000		
984.480	8.098	25.578	33.676	-20.324	54.000		
Vertical							
43.580	-10.919	43.675	32.756	-7.244	40.000		
181.320	-1.910	36.173	34.263	-9.237	43.500		
239.520	-6.138	46.697	40.559	-5.441	46.000		
617.820	0.958	25.335	26.293	-19.707	46.000		
697.360	0.691	30.736	31.427	-14.573	46.000		
945.680	3.300	27.536	30.836	-15.164	46.000		

- 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 Test Item Test Site Test Mode	<ul> <li>Model 7260HMW Wireless Network Adapter</li> <li>General Radiated Emission Data</li> <li>No.3 OATS</li> <li>Mode 3: Transmit - 802 11a 6Mbps (5785MHz)</li> </ul>					
Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit	
MHz	dB	dBuV	dBuV/m	dB	dBuV/m	
Horizontal						
39.700	-3.625	31.280	27.655	-12.345	40.000	
383.080	1.305	23.864	25.169	-20.831	46.000	
544.100	4.373	24.174	28.547	-17.453	46.000	
687.660	3.302	23.344	26.646	-19.354	46.000	
829.280	7.376	22.544	29.920	-16.080	46.000	
928.220	7.230	22.885	30.115	-15.885	46.000	
Vertical						
43.580	-10.919	39.644	28.725	-11.275	40.000	
181.320	-1.910	23.678	21.768	-21.732	43.500	
381.140	0.816	23.497	24.313	-21.687	46.000	
617.820	0.958	25.955	26.913	-19.087	46.000	
796.300	2.639	23.786	26.425	-19.575	46.000	
965.080	3.832	22.384	26.216	-27.784	54.000	

- 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	: Model 7260HMW Wireless Network Adapter							
Test Item	: General Radiated Emission Data							
Test Site	: No.3 OATS							
Test Mode	: Mode 4	: Transmit - 802.1	1n-20BW_14.4Mbps	(2.4G Band) (243	57 MHz)			
Frequency	Correct	Reading	Measurement	Margin	Limit			
	Factor	Level	Level					
MHz	dB	dBuV	dBuV/m	dB	dBuV/m			
Horizontal								
39.700	-3.625	32.257	28.632	-11.368	40.000			
161.920	-10.074	26.289	16.215	-27.285	43.500			
346.220	-1.347	29.096	27.749	-18.251	46.000			
546.040	4.386	22.976	27.362	-18.638	46.000			
829.280	7.376	23.743	31.119	-14.881	46.000			
986.420	8.189	25.998	34.187	-19.813	54.000			
Vertical								
43.580	-10.919	40.526	29.607	-10.393	40.000			
177.440	-1.248	24.463	23.215	-20.285	43.500			
346.220	-0.527	26.453	25.926	-20.074	46.000			
520.820	1.078	24.063	25.140	-20.860	46.000			
697.360	0.691	28.961	29.652	-16.348	46.000			
926.280	3.342	26.096	29.438	-16.562	46.000			

- 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	: Model 7260HMW Wireless Network Adapter						
Test Item	: General Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 5	: Transmit - 802.1	1n-40BW_30Mbps(2	.4G Band) (2437	MHz)		
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
39.700	-3.625	31.410	27.785	-12.215	40.000		
348.160	-1.320	29.896	28.576	-17.424	46.000		
468.440	3.544	23.494	27.038	-18.962	46.000		
604.240	4.289	23.089	27.379	-18.621	46.000		
850.620	6.773	24.101	30.874	-15.126	46.000		
951.500	6.993	25.412	32.405	-13.595	46.000		
Vertical							
43.580	-10.919	40.493	29.574	-10.426	40.000		
158.040	-5.172	28.487	23.315	-20.185	43.500		
352.040	-1.292	26.138	24.846	-21.154	46.000		
544.100	1.503	24.049	25.552	-20.448	46.000		
780.780	2.769	25.316	28.085	-17.915	46.000		
953.440	3.015	30.238	33.253	-12.747	46.000		

- 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	: Model 7260HMW Wireless Network Adapter						
Test Item	: General Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 6	: Transmit - 802.1	1n-20BW_14.4Mbps	(5G Band) (5785	MHz)		
			- <b>x</b>	. , , ,			
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
39.700	-3.625	31.423	27.798	-12.202	40.000		
305.480	-3.836	23.192	19.356	-26.644	46.000		
460.680	4.030	23.467	27.497	-18.503	46.000		
604.240	4.289	23.392	27.682	-18.318	46.000		
827.340	7.361	22.504	29.865	-16.135	46.000		
930.160	7.530	22.555	30.085	-15.915	46.000		
Vertical							
45.520	-10.625	39.653	29.028	-10.972	40.000		
179.380	-0.824	23.254	22.430	-21.070	43.500		
379.200	0.881	23.485	24.366	-21.634	46.000		
617.820	0.958	25.731	26.689	-19.311	46.000		
806.000	3.686	22.846	26.532	-19.468	46.000		
939.860	3.400	23.115	26.515	-19.485	46.000		

- 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	: Model 7260HMW Wireless Network Adapter						
Test Item	: General Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 7	: Transmit - 802.1	1n-40BW_30Mbps(5	G Band) (5755M	Hz)		
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
39.700	-3.625	31.037	27.412	-12.588	40.000		
468.440	3.544	23.419	26.963	-19.037	46.000		
604.240	4.289	23.358	27.648	-18.352	46.000		
724.520	3.835	22.824	26.659	-19.341	46.000		
827.340	7.361	22.795	30.156	-15.844	46.000		
926.280	6.832	23.370	30.202	-15.798	46.000		
Vertical							
43.580	-10.919	39.378	28.459	-11.541	40.000		
181.320	-1.910	23.678	21.768	-21.732	43.500		
381.140	0.816	22.792	23.608	-22.392	46.000		
617.820	0.958	24.860	25.818	-20.182	46.000		
792.420	2.681	23.557	26.238	-19.762	46.000		
943.740	3.383	22.649	26.032	-19.968	46.000		

- 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	: Model 7260HMW Wireless Network Adapter						
Test Item	: General Radiated Emission Data						
Test Site	: No.3 OATS						
Test Mode	: Mode 8	: Transmit - 802.1	1ac-80BW_65Mbps(	5G Band) (5775N	/Hz)		
			-				
Frequency	Correct	Reading	Measurement	Margin	Limit		
	Factor	Level	Level				
MHz	dB	dBuV	dBuV/m	dB	dBuV/m		
Horizontal							
39.700	-3.625	32.227	28.602	-11.398	40.000		
253.100	-5.669	29.355	23.686	-22.314	46.000		
433.520	0.841	26.958	27.799	-18.201	46.000		
610.060	3.657	23.907	27.564	-18.436	46.000		
792.420	6.391	24.371	30.762	-15.238	46.000		
934.040	6.956	25.357	32.313	-13.687	46.000		
Vertical							
43.580	-10.919	39.494	28.575	-11.425	40.000		
159.980	-5.120	30.885	25.764	-17.736	43.500		
381.140	0.816	29.116	29.932	-16.068	46.000		
602.300	1.704	25.338	27.042	-18.958	46.000		
749.740	2.023	23.479	25.502	-20.498	46.000		
947.620	3.231	27.593	30.824	-15.176	46.000		

- 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.

### 4. Band Edge

### 4.1. Test Equipment

### **RF Radiated Measurement:**

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

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Site # 3		Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2013
	Х	Horn Antenna	Schwarzbeck	BBHA9120D/D305	Sep., 2013
		Horn Antenna	Schwarzbeck	BBHA9170/208	Jul., 2013
		Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2014
	Х	Pre-Amplifier	QTK	AP-180C / CHM_0906076	Sep., 2013
		Pre-Amplifier	MITEQ	AMF-4D-180400-45-6P/ 925975	Mar, 2014
	Х	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2014
		Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2013
	Х	Coaxial Cable	QuieTek	QTK-CABLE/ CAB5	Feb., 2014
	Х	Controller	QuieTek	QTK-CONTROLLER/ CTRL3	N/A
	Χ	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

Note: 1. All instruments are calibrated every one year.

2. The test instruments marked by "X" are used to measure the final test results.

### 4.2. Test Setup

### **RF Radiated Measurement:**



## 4.3. Limits

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

### 4.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2009 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 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 from 1 meter to 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 C63.10:2009. on radiated measurement.

### 4.5. Uncertainty

- $\pm$  3.9 dB above 1GHz
- ± 3.8 dB below 1GHz

#### 4.6. **Test Result of Band Edge**

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit - 802.11b 1Mbps

### **RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Result
01 (5 1)		(uD)					5
01 (Peak)	2389.800	11.671	48.614	60.285	74.00	54.00	Pass
01 (Peak)	2390.000	11.672	48.014	59.686	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	53.504	65.206			Pass
01 (Peak)	2413.000	11.744	98.093	109.838			Pass
01 (Average)	2389.200	11.670	39.387	51.057	74.00	54.00	Pass
01 (Average)	2390.000	11.672	38.089	49.761	74.00	54.00	Pass
01 (Average)	2400.000	11.703	47.576	59.278			Pass
01 (Average)	2414.800	11.748	93.884	105.633			Pass





#### **Figure Channel 01:**

Horizontal (Average)



Note:1. All readings above 1GHz are performed with peak and/or average measurements as necessary.

- Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto. 2.
- Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. 3.
- "\*", means this data is the worst emission level. 4.
- Measurement Level = Reading Level + Correct Factor. 5.
- The average measurement was not performed when the peak measured data under the limit of average 6. detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit - 802.11b 1Mbps

### **RF Radiated Measurement (Vertical):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2389.400	11.671	46.599	58.270	74.00	54.00	Pass
01 (Peak)	2390.000	11.672	45.306	56.978	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	51.035	62.737			Pass
01 (Peak)	2410.600	11.739	94.046	105.785			Pass
01 (Average)	2389.000	11.669	36.646	48.316	74.00	54.00	Pass
01 (Average)	2390.000	11.672	35.863	47.535	74.00	54.00	Pass
01 (Average)	2400.000	11.703	44.262	55.964			Pass
01 (Average)	2409.400	11.734	89.842	101.576			Pass

**Figure Channel 01:** 

#### Vertical (Peak)



### Figure Channel 01:

Vertical (Average)



Note:1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit - 802.11b 1Mbps

### **RF Radiated Measurement (Horizontal):**

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2460.500	11.775	95.134	106.910			Pass
11 (Peak)	2483.500	12.049	46.282	58.331	74.00	54.00	Pass
11 (Average)	2459.300	11.758	90.761	102.519			Pass
11 (Average)	2483.500	12.049	36.044	48.093	74.00	54.00	Pass

### **Figure Channel 11:**

### Horizontal (Peak)







- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- The average measurement was not performed when the peak measured data under the limit of average 6. detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit - 802.11b 1Mbps

### **RF Radiated Measurement (Vertical):**

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2462.900	11.811	92.720	104.531			Pass
11 (Peak)	2483.500	12.049	44.518	56.567	74.00	54.00	Pass
11 (Average)	2459.300	11.758	88.465	100.223			Pass
11 (Average)	2483.500	12.049	34.504	46.553	74.00	54.00	Pass

### **Figure Channel 11:**

#### Vertical (Peak)



#### **Figure Channel 11:**

#### Vertical (Average)



Note: 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.

- Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto. 2.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- "\*", means this data is the worst emission level. 4.
- Measurement Level = Reading Level + Correct Factor. 5.
- The average measurement was not performed when the peak measured data under the limit of average 6. detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit - 802.11g 6Mbps

### **RF Radiated Measurement (Horizontal):**

Channal No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Docult
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2390.000	11.672	54.716	66.388	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	74.256	85.958			Pass
01 (Peak)	2415.600	11.750	99.682	111.433			Pass
01(Average)	2390.000	11.672	36.910	48.582	74.00	54.00	Pass
01(Average)	2400.000	11.703	53.876	65.578			Pass
01(Average)	2419.200	11.759	88.535	100.294			Pass





Horizontal (Average)



Note:1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit - 802.11g 6Mbps

### **RF** Radiated Measurement (Vertical):

Channal No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2379.000	11.700	49.192	60.892	74.00	54.00	Pass
01 (Peak)	2390.000	11.672	48.932	60.604	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	72.904	84.606			Pass
01 (Peak)	2405.800	11.722	94.895	106.617			Pass
01 (Average)	2390.000	11.672	34.736	46.408	74.00	54.00	Pass
01 (Average)	2400.000	11.703	50.807	62.509			Pass
01 (Average)	2408.400	11.730	83.982	95.713			Pass



### Figure Channel 01:

Vertical (Average)



Note:1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit - 802.11g 6Mbps

### **RF Radiated Measurement (Horizontal):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2455.700	11.713	97.291	109.004			Pass
11 (Peak)	2483.500	12.049	49.896	61.945	74.00	54.00	Pass
11 (Peak)	2490.100	12.101	52.921	65.022	74.00	54.00	Pass
11 (Average)	2455.100	11.723	86.338	98.061			Pass
11 (Average)	2483.500	12.049	35.084	47.133	74.00	54.00	Pass

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Note: 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmit - 802.11g 6Mbps

### **RF Radiated Measurement (Vertical):**

Channal No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2465.900	11.854	94.820	106.674			Pass
11 (Peak)	2483.500	12.049	47.760	59.809	74.00	54.00	Pass
11 (Peak)	2483.700	12.051	51.660	63.711	74.00	54.00	Pass
11 (Peak)	2494.500	12.093	52.485	64.579	74.00	54.00	Pass
11 (Average)	2468.900	11.898	83.623	95.521			Pass
11 (Average)	2483.500	12.049	34.454	46.503	74.00	54.00	Pass

#### **Figure Channel 11:**

#### Vertical (Peak)





#### Vertical (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

### **RF Radiated Measurement (Horizontal):**

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Dogult
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2390.000	11.672	54.430	66.102	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	75.580	87.282			Pass
01 (Peak)	2415.600	11.750	100.221	111.972			Pass
01 (Average)	2390.000	11.672	40.032	51.704	74.00	54.00	Pass
01 (Average)	2400.000	11.703	56.343	68.045			Pass
01 (Average)	2415.600	11.750	87.042	98.793			Pass





- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

#### **RF** Radiated Measurement (Vertical):

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2389.000	11.669	53.004	64.674	74.00	54.00	Pass
01 (Peak)	2390.000	11.672	51.423	63.095	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	74.511	86.213			Pass
01 (Peak)	2405.800	11.722	97.611	109.333			Pass
01 (Average)	2390.000	11.672	37.487	49.159	74.00	54.00	Pass
01 (Average)	2400.000	11.703	53.670	65.372			Pass
01 (Average)	2408.400	11.730	84.264	95.995			Pass

#### Figure Channel 01:

#### Vertical (Peak)



#### **Figure Channel 01:**

Vertical (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

### **RF Radiated Measurement (Horizontal):**

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Kesuit
11 (Peak)	2456.900	11.723	99.820	111.543			Pass
11 (Peak)	2483.500	12.049	52.415	64.464	74.00	54.00	Pass
11 (Peak)	2484.100	12.054	54.050	66.104	74.00	54.00	Pass
11 (Average)	2454.500	11.733	86.759	98.492			Pass
11 (Average)	2483.500	12.049	39.211	51.260	74.00	54.00	Pass

### **Figure Channel 11:**

### Horizontal (Peak)





### Horizontal (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

### **RF Radiated Measurement (Vertical):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Dogult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
11 (Peak)	2458.700	11.749	99.212	110.961			Pass
11 (Peak)	2483.500	12.049	53.374	65.423	74.00	54.00	Pass
11 (Peak)	2484.900	12.060	54.053	66.113	74.00	54.00	Pass
11 (Average)	2469.300	11.904	85.463	97.367			Pass
11 (Average)	2483.500	12.049	38.720	50.769	74.00	54.00	Pass

#### **Figure Channel 11:**

#### Vertical (Peak)





### Vertical (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) -2422MHz

### **RF Radiated Measurement (Horizontal):**

Channal No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
Channel No.	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2378.600	11.704	51.423	63.127	74.00	54.00	Pass
01 (Peak)	2390.000	11.672	46.869	58.541	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	68.351	80.053			Pass
01 (Peak)	2417.200	11.754	96.481	108.235			Pass
01 (Average)	2390.000	11.672	35.057	46.729	74.00	54.00	Pass
01 (Average)	2400.000	11.703	52.099	63.801			Pass
01 (Average)	2415.400	11.750	82.007	93.757			Pass

### Figure Channel 01:

#### Horizontal (Peak)



#### Figure Channel 01:

### Horizontal (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) -2422MHz

### **RF Radiated Measurement (Vertical):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2390.000	11.672	44.616	56.288	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	63.850	75.552			Pass
01 (Peak)	2418.400	11.757	91.771	103.528			Pass
01 (Average)	2390.000	11.672	31.359	43.031	74.00	54.00	Pass
01 (Average)	2400.000	11.703	47.665	59.367			Pass
01 (Average)	2415.200	11.750	77.418	89.168			Pass

#### Figure Channel 01:

### Vertical (Peak)





#### Vertical (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) -2427MHz

### **RF Radiated Measurement (Horizontal):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Result
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
01 (Peak)	2388.400	11.668	49.826	61.494	74.00	54.00	Pass
01 (Peak)	2390.000	11.672	47.536	59.208	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	54.814	66.516			Pass
01 (Peak)	2420.200	11.763	97.393	109.156			Pass
01 (Average)	2390.000	11.672	35.219	46.891	74.00	54.00	Pass
01 (Average)	2400.000	11.703	40.628	52.330			Pass
01 (Average)	2420.400	11.766	82.547	94.313			Pass



Horizontal (Peak)





Horizontal (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
| Product   | : | Model 7260HMW Wireless Network Adapter                     |
|-----------|---|--|
| Test Item | : | Band Edge  |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) -2427MHz |

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## **RF Radiated Measurement (Vertical):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2389.400	11.671	47.245	58.916	74.00	54.00	Pass
01 (Peak)	2390.000	11.672	46.403	58.075	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	50.898	62.600			Pass
01 (Peak)	2420.000	11.761	92.518	104.279			Pass
01 (Average)	2390.000	11.672	32.069	43.741	74.00	54.00	Pass
01 (Average)	2400.000	11.703	36.977	48.679			Pass
01 (Average)	2418.400	11.757	77.977	89.734			Pass



Vertical (Peak)





Vertical (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) -2432MHz

## **RF Radiated Measurement (Horizontal):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Dogult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2390.000	11.672	52.423	64.095	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	57.193	68.895			Pass
01 (Peak)	2425.200	11.831	99.608	111.438			Pass
01 (Average)	2390.000	11.672	37.735	49.407	74.00	54.00	Pass
01 (Average)	2400.000	11.703	41.089	52.791			Pass
01 (Average)	2425.000	11.827	84.823	96.651			Pass



Horizontal (Peak)





Horizontal (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) -2432MHz

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## **RF Radiated Measurement (Vertical):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
01 (Peak)	2389.400	11.671	49.128	60.799	74.00	54.00	Pass
01 (Peak)	2390.000	11.672	48.079	59.751	74.00	54.00	Pass
01 (Peak)	2400.000	11.703	52.743	64.445			Pass
01 (Peak)	2423.400	11.807	95.412	107.218			Pass
01 (Average)	2390.000	11.672	34.600	46.272	74.00	54.00	Pass
01 (Average)	2400.000	11.703	38.431	50.133			Pass
01 (Average)	2425.400	11.833	80.990	92.823			Pass



Vertical (Peak)



#### **Figure Channel 03:**

Vertical (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) -2452MHz

## **RF Radiated Measurement (Horizontal):**

Channel No.	Frequency	Correct Factor	Reading Level	<b>Emission Level</b>	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
07 (Peak)	2446.900	11.854	96.791	108.646			Pass
07 (Peak)	2483.500	12.049	49.335	61.384	74.00	54.00	Pass
07 (Peak)	2484.700	12.059	51.428	63.487	74.00	54.00	Pass
07 (Average)	2445.300	11.881	82.517	94.397			Pass
07 (Average)	2483.500	12.049	36.981	49.030	74.00	54.00	Pass

#### Figure Channel 07:

#### Horizontal (Peak)





## Horizontal (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Model 7260HMW Wireless Network Adapter
Test Item	:	Band Edge
Test Site	:	No.3 OATS
Test Mode	:	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) -2452MHz

## **RF Radiated Measurement (Vertical):**

Channel No.	Frequency	Correct Factor	Reading Level	Emission Level	Peak Limit	Average Limit	Docult
	(MHz)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dBuV/m)	Result
07 (Peak)	2461.100	11.784	95.402	107.186			Pass
07 (Peak)	2483.500	12.049	49.769	61.818	74.00	54.00	Pass
07 (Peak)	2484.500	12.057	52.033	64.090	74.00	54.00	Pass
07 (Average)	2459.500	11.761	80.671	92.432			Pass
07 (Average)	2483.500	12.049	36.744	48.793	74.00	54.00	Pass

#### Figure Channel 07:

#### Vertical (Peak)





#### Vertical (Average)



- 1. All readings 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. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

# 5. During Compliance Testing

No modification was made during testing.

Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs