

FCC

RF

TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
LTE Digital Mobile Phone

ISSUED TO
Nubia Technology Co., Ltd.

6/F, Tower A, Hans Innovation Mansion, North Ring Rd., No. 9018,
Hi-Tech Industrial Park, Nanshan District, Shenzhen, P. R. China



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Date Sep. 29, 2016

Approved by:

Liao Jianming
(Technical Director)

Date Sep. 29, 2016

Report No.: BL-SZ1680175-604

EUT Type: LTE Digital Mobile Phone

Model Name: NX531J, nubia Z11

Brand Name: nubia

Test Standard: 47 CFR Part 15 Subpart E

FCC ID: 2AHJO-NX531J

Test conclusion: Pass

Test Date: Aug. 19, 2016 ~ Aug. 29, 2016

Date of Issue: Sep. 29, 2016

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Sep. 22, 2016	Initial Issue
Rev. 02	Sep. 29, 2016	Add the about note in Conducted Spurious Emission and Band Edge (Authorized-band) etc.

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100
Fax Number	+86 755 6182 4271

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	<p>The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1.</p> <p>The laboratory has been listed by US Federal Communications Commission to perform electromagnetic emission measurements. The recognition numbers of test site are 832625.</p> <p>The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.</p>
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

Ambient Temperature	20 to 25°C
Ambient Relative Humidity	45% - 55%
Ambient Pressure	100 kPa - 102 kPa

1.4 Announce

- (1) The test report reference to the report template version v1.5.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	Nubia Technology Co., Ltd.
Address	6/F, Tower A, Hans Innovation Mansion, North Ring Rd., No. 9018, Hi-Tech Industrial Park, Nanshan District, Shenzhen, P. R. China

2.2 Manufacturer

Manufacturer	Nubia Technology Co., Ltd.
Address	6/F, Tower A, Hans Innovation Mansion, North Ring Rd., No. 9018, Hi-Tech Industrial Park, Nanshan District, Shenzhen, P. R. China

2.3 Factory

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Type	LTE Digital Mobile Phone
Model Name	NX531J
Series Model Name	NX531J, nubia Z11
Description of Model name differentiation	The equipment model NX531J and nubia Z11 are LTE Digital Mobile Phone, the electrical parameters and internal structure of circuit are same, only the model name is different.
Hardware Version	NX531J_V2AMB_B
Software Version	NX531J_ENCommon_V1.09
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/HSPA + Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/17 Bluetooth 3.0, Bluetooth 4.0 Low Energy (BLE), WIFI 802.11a,802.11b, 802.11g and 802.11n (HT20/40), 802.11ac GPS, GLONASS, NFC

2.5 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	N/A
	Model No.	Li3829T44P6h806435
	Serial No.	N/A
	Capacitance	2900 mAh
	Rated Voltage	3.85 V
	Limit Charge Voltage	4.4 V
Ancillary Equipment 2	Charger	
	Brand Name	nubia
	Model No.	STC-A5930A-Z
	Rated Voltage	100-240 V~ , 0.5 A, 50/60 Hz
	Limit Charge Voltage	5 V $\overline{=}$, 3.0 A or 9 V $\overline{=}$, 2.0 A or 12 V $\overline{=}$, 1.5 A
Ancillary Equipment 3	Earphone	
	Length (Approx.)	1.0 m
Ancillary Equipment 4	USB Data Cable	
	Length (Approx.)	1.0 m

2.6 Technical Information

Frequency Range	Band I: 5150 MHz to 5250 MHz, Band II: 5250 MHz to 5350 MHz, Band III: 5470 MHz to 5725 MHz Band IV: 5725 MHz to 5850 MHz	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Product Type	Mobile and portable for FCC standard	
Transfer Rate (Mbps)	802.11a: 54/ 48/ 36 / 24 / 18 / 9/ 6 Mbps 802.11n: up to 300 Mbps 802.11ac: up to V9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	Band I: 13.31 dBm Band II: 13.20 dBm Band III: 13.60 dBm Band IV: 13.49 dBm	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD)	
Categorization as Correlated or Completely Uncorrelated	Correlated	
Antenna Type	Antenna 0 (ANT 0)	PIFA Antenna
	Antenna 1 (ANT 1)	
Antenna Gain	Antenna 0 (ANT 0)	Band I: 5150 MHz to 5250 MHz: 0.6 dBi Band II: 5250 MHz to 5350 MHz: 0.7 dBi Band III: 5470 MHz to 5725 MHz: 0.6 dBi

		Band IV: 5725 MHz to 5850 MHz: 0.7 dBi
	Antenna 1 (ANT 1)	Band I: 5150 MHz to 5250 MHz: 0.6 dBi Band II: 5250 MHz to 5350 MHz: 0.7 dBi Band III: 5470 MHz to 5725 MHz: 0.6 dBi Band IV: 5725 MHz to 5850 MHz: 0.7 dBi
Total directional gain	For power spectral density(PSD) measurements	Band I: 5150 MHz to 5250 MHz: 3.6 dBi Band II: 5250 MHz to 5350 MHz: 3.7 dBi Band III: 5470 MHz to 5725 MHz: 3.6 dBi Band IV: 5725 MHz to 5850 MHz: 3.7 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = $10 \log (NANT/NSS)$ dB. NSS =1, GANT set equal to the gain of the antenna having the highest gain.
	For power measurements	Band I: 5150 MHz to 5250 MHz: 0.6 dBi Band II: 5250 MHz to 5350 MHz: 0.7 dBi Band III: 5470 MHz to 5725 MHz: 0.6 dBi Band IV: 5725 MHz to 5850 MHz: 0.7 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = 0. GANT set equal to the gain of the antenna having the highest gain.
	For Conducted Out-of-Band and Spurious Measurements	Band I: 5150 MHz to 5250 MHz: 3.6 dBi Band II: 5250 MHz to 5350 MHz: 3.7 dBi Band III: 5470 MHz to 5725 MHz: 3.6 dBi Band IV: 5725 MHz to 5850 MHz: 3.7 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = $10 \log (NANT/NSS)$ dB. NSS =1, GANT set equal to the gain of the antenna having the highest gain.
About the Product		The equipment is LTE Digital Mobile Phone, intended for used with information technology equipment.

2.7 Additional Instructions

Mode	<input checked="" type="checkbox"/> Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
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During testing. Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

EUT Software Settings:

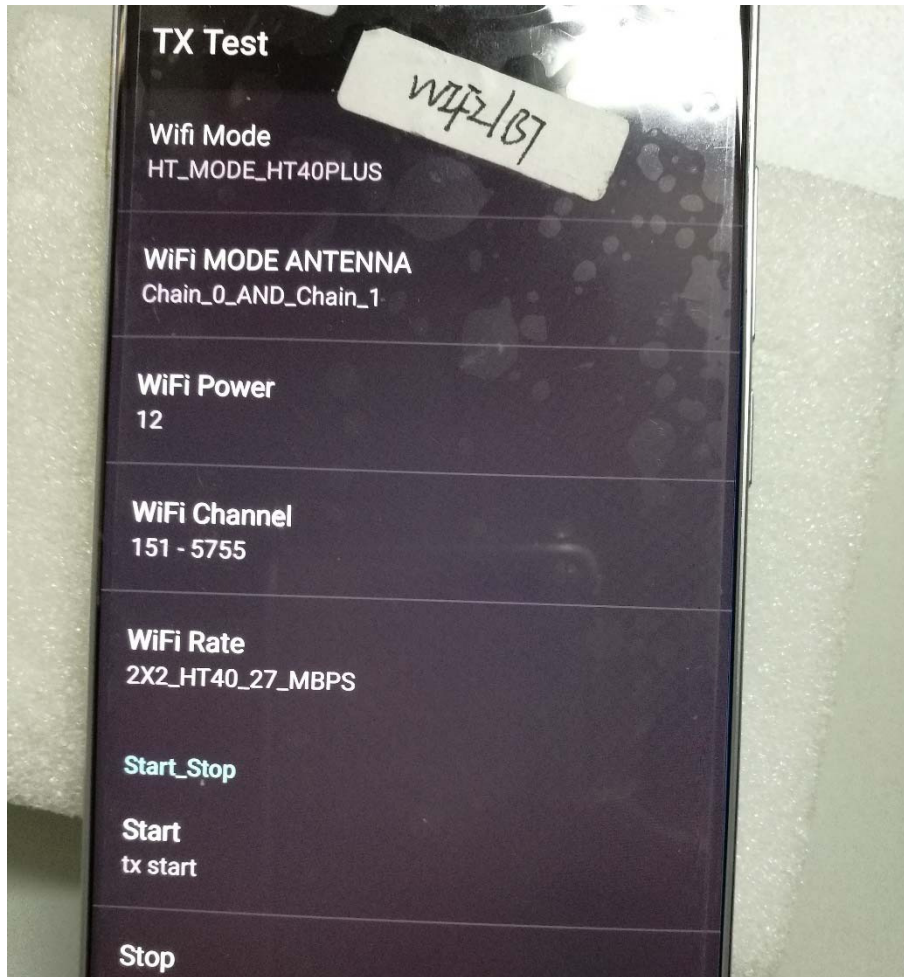
Band I (5150 - 5250 MHz) Power level setup in software				
Test Software Version	The EUT use built-in engineering model to test, the Project password is *#8615#.			
Mode	Channel	Frequency (MHz)	Soft Set	
11a(HT20)	CH36	5180	12	12
11a(HT20)	CH44	5220	12	12
11a(HT20)	CH48	5240	12	12
11n (HT20)	CH36	5180	12	12
11n (HT20)	CH44	5220	12	12
11n (HT20)	CH48	5240	12	12
11n (HT40)	CH38	5190	12	12
11n (HT40)	CH46	5230	12	12
11ac (HT20)	CH36	5180	12	12
11ac (HT20)	CH44	5220	12	12
11ac (HT20)	CH48	5240	12	12
11ac (HT40)	CH38	5190	12	12
11ac (HT40)	CH46	5230	12	12
11ac (HT80)	CH42	5210	12	12

Band II (5250 - 5350 MHz) Power level setup in software				
Test Software Version	The EUT use built-in engineering model to test, the Project password is *#8615#.			
Mode	Channel	Frequency (MHz)	Soft Set	
11a(HT20)	CH52	5260	12	12
11a(HT20)	CH60	5300	12	12
11a(HT20)	CH64	5320	12	12
11n (HT20)	CH52	5260	12	12
11n (HT20)	CH60	5300	12	12
11n (HT20)	CH64	5320	12	12
11n (HT40)	CH54	5270	12	12
11n (HT40)	CH62	5310	12	12
11ac (HT20)	CH52	5260	12	12
11ac (HT20)	CH60	5300	12	12
11ac (HT20)	CH64	5320	12	12
11ac (HT40)	CH54	5270	12	12
11ac (HT40)	CH62	5310	12	12
11ac (HT80)	CH58	5290	12	12

Band III (5470 - 5725 MHz) Power level setup in software				
Test Software Version	The EUT use built-in engineering model to test, the Project password is *#8615#.			
Mode	Channel	Frequency (MHz)	Soft Set	
11a(HT20)	CH100	5500	12	12
11a(HT20)	CH116	5580	12	12
11a(HT20)	CH140	5700	12	12
11n (HT20)	CH100	5500	12	12
11n (HT20)	CH116	5580	12	12
11n (HT20)	CH140	5700	12	12
11n (HT40)	CH102	5510	12	12
11n (HT40)	CH134	5670	12	12
11ac (HT20)	CH100	5500	12	12
11ac (HT20)	CH116	5580	12	12
11ac (HT20)	CH140	5700	12	12
11ac (HT40)	CH102	5510	12	12
11ac (HT40)	CH134	5670	12	12
11ac (HT80)	CH106	5530	12	12

Band IV (5725 - 5850 MHz) Power level setup in software				
Test Software Version	The EUT use built-in engineering model to test, the Project password is *#8615#.			
Mode	Channel	Frequency (MHz)	Soft Set	
11a(HT20)	CH149	5745	12	12
11a(HT20)	CH157	5785	12	12
11a(HT20)	CH165	5825	12	12
11n (HT20)	CH149	5745	12	12
11n (HT20)	CH157	5785	12	12
11n (HT20)	CH165	5825	12	12
11n (HT40)	CH151	5755	12	12
11n (HT40)	CH159	5795	12	12
11ac (HT20)	CH149	5745	12	12
11ac (HT20)	CH157	5785	12	12
11ac (HT20)	CH165	5825	12	12
11ac (HT40)	CH151	5755	12	12
11ac (HT40)	CH159	5795	12	12
11ac (HT80)	CH155	5775	12	12

Run Software



2.8 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	155	5775
52	5260	102	5510	/	/
56	5280	110	5550	/	/
60	5300	134	5670	/	/
64	5320	151	5755	/	/
100	5500	159	5790	/	/
104	5520	/	/	/	/
108	5540	/	/	/	/
112	5560	/	/	/	/
116	5580	/	/	/	/
132	5660	/	/	/	/
136	5680	/	/	/	/
140	5700	/	/	/	/
149	5745	/	/	/	/
153	5765	/	/	/	/
157	5785	/	/	/	/
161	5805	/	/	/	/
165	5825	/	/	/	/

Note: Until further notice, devices subject to this section shall not be capable of transmitting in the band 5600-5650 MHz. This restriction is for the protection of weather radars operating in this band.

The Lowest frequency, the middle frequency and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11a/n (HT20)/ac (HT20)

Band I (5150 - 5250 MHz)			Band II (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

Band III (5470 - 5725 MHz)			Band IV (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	165	High	5825

For 802.11n (HT40)/ac (HT40)

Band I (5150 - 5250 MHz)			Band II (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	54	Low	5270
46	High	5230	62	High	5310

Band III (5150 - 5250 MHz)			Band IV (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
134	High	5670	159	High	5795

For 802.11ac (HT80)

Band I (5150 - 5250 MHz)			Band II (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Low	5210	58	Low	5290

Band III (5150 - 5250 MHz)			Band IV (5470 - 5725 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	155	Low	5775

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Modulation Technology	Modulation Type	Band I	Band II	Band III	Band IV
					Channel	Channel	Channel	Channel
RF Output Power	11a(20 MHz)	6	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(80 MHz)	V0	OFDM	BPSK	42	58	106	155
Emiss	11a(20)	6	OFDM	BPSK	48/44/36	64/60/52	144/140/116/	165/157/149

ion Band width & 99% Occupi ed Bandwi dth	MHz)						100	/144
	11n(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	144/140/116/ 100	165/157/149
	11n(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(80 MHz)	V0	OFDM	BPSK	42	58	106	155
6 dB bandwi dth	11a(20 MHz)	6	OFDM	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5	OFDM	BPSK	N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5	OFDM	BPSK	N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5	OFDM	BPSK	N/A	N/A	N/A	165/157/149 /144
	11ac(40 MHz)	13.5	OFDM	BPSK	N/A	N/A	N/A	159/151
	11ac(80 MHz)	V0	OFDM	BPSK	N/A	N/A	N/A	155
Power Spectr al Densit y	11a(20 MHz)	6	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(80 MHz)	V0	OFDM	BPSK	42	58	106	155
Condu cted Spurio us Emissi ons	11a(20 MHz)	6	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149

	11ac(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(80 MHz)	V0	OFDM	BPSK	42	58	106	155
Radiated Spurious Emissions	11a(20 MHz)	6	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5	OFDM	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5	OFDM	BPSK	46/38	62/54	134/102	159/151
	11ac(80 MHz)	V0	OFDM	BPSK	42	58	106	155
Band Edge	11a(20 MHz)	6	OFDM	BPSK	36	64	140/100	165/149
	11n(20 MHz)	6.5	OFDM	BPSK	36	64	140/100	165/149
	11n(40 MHz)	13.5	OFDM	BPSK	38	62	134/102	159/151
	11ac(80 MHz)	V0	OFDM	BPSK	42	58	106	155
Frequency Stability	11a(20 MHz)	6	OFDM	BPSK	44	60	116	157
	11n(20 MHz)	6.5	OFDM	BPSK	44	60	116	157
	11n(40 MHz)	13.5	OFDM	BPSK	38	54	102	151
	11ac(20 MHz)	6.5	OFDM	BPSK	44	60	116	157
	11ac(40 MHz)	13.5	OFDM	BPSK	38	54	102	151
	11ac(80 MHz)	V0	OFDM	BPSK	42	58	106	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E (10-1-15 Edition)	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v01r03	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Conducted Spurious Emissions and Band Edge (Authorized-band)	15.407(b) 15.209	ANNEX A.6	Pass
8	Radiated Spurious Emissions and Band Edge	15.407(b)	ANNEX A.7	Pass
9	Frequency Stability	2.1055 90.213	ANNEX A.8	Pass

Note 1: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	45% - 55%	
Atmospheric Pressure	100 kPa - 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	-20°C
	HT (High Temperature)	+60°C
Working Voltage of the EUT	NV (Normal Voltage)	3.85 V
	LV (Low Voltage)	3.30 V
	HV (High Voltage)	4.40 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2016.07.13	2017.07.12
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	177746	2016.07.13	2017.07.12
Signal Generator	ROHDE&SCHWARZ	SMB100A	260592	2016.07.13	2017.07.12
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2016.07.13	2017.07.12
Spectrum Analyzer	AGILENT	E4440A	MY45304434	2015.10.15	2016.10.14
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2016.07.05	2017.07.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2016.07.05	2017.07.04
Bluetooth Tester	ROHDE&SCHWARZ	CBT	101005	2016.07.13	2017.07.12
Power Splitter	KMW	DCPD-LDC	1305003215	--	--
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2016.07.13	2017.07.12
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	--	--
DC Power Supply	ROHDE&SCHWARZ	HMP2020	018141664	2016.07.13	2017.07.12
Temperature Chamber	ANGELANTIONI SCIENCE	NTH64-40A	1310	2016.07.13	2017.07.12
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2015.07.22	2017.07.21
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2015.07.22	2017.07.21
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1148	2015.07.22	2017.07.21
Test Antenna-Horn(15-26.5 GHz)	SCHWARZBECK	BBHA 9170	9170-305	2015.07.22	2017.07.21
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2015.02.28	2017.02.27
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 MEASUREMENT UNCERTAINTY

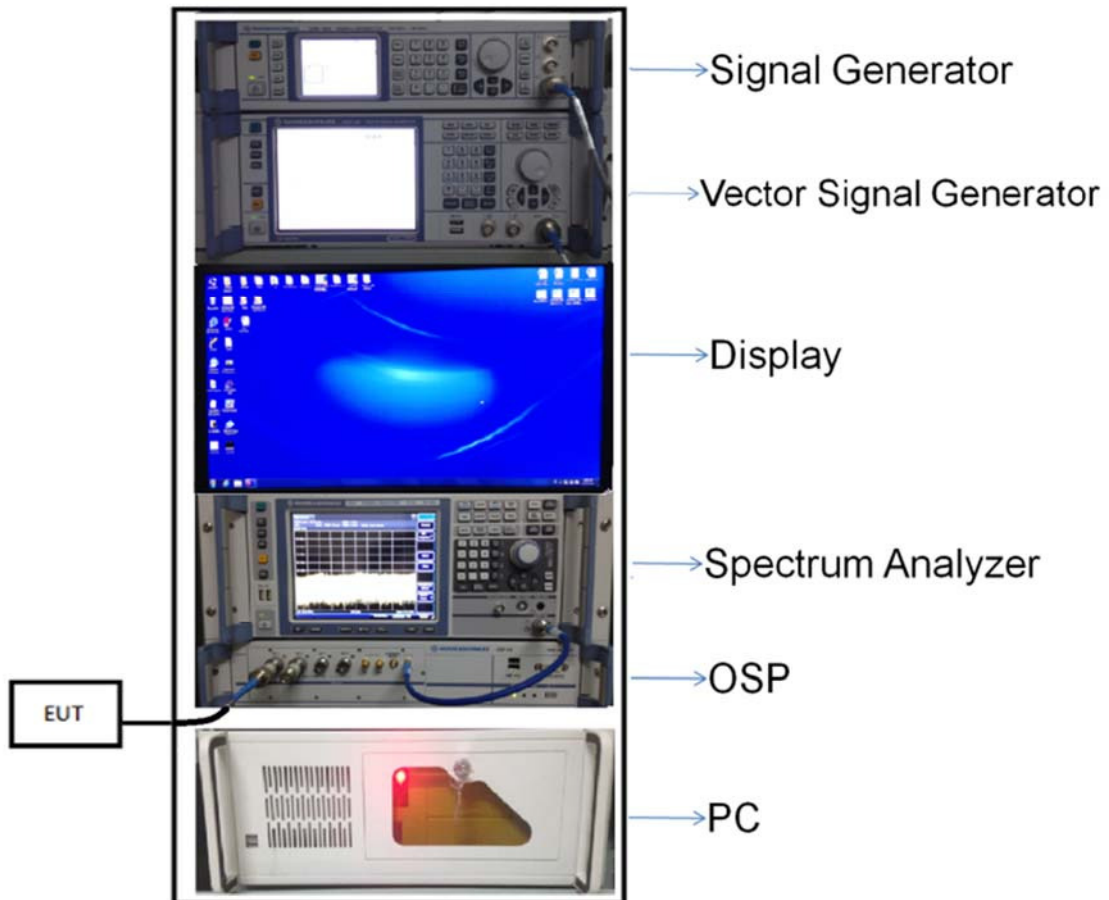
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Measurement	Value
Occupied Channel Bandwidth	$\pm 4\%$
RF output power, conducted	± 1.4 dB
Power Spectral Density, conducted	± 2.5 dB
Unwanted Emissions, conducted	± 2.8 dB
All emissions, radiated	± 5.4 dB
Temperature	$\pm 1^\circ\text{C}$
Humidity	$\pm 4\%$

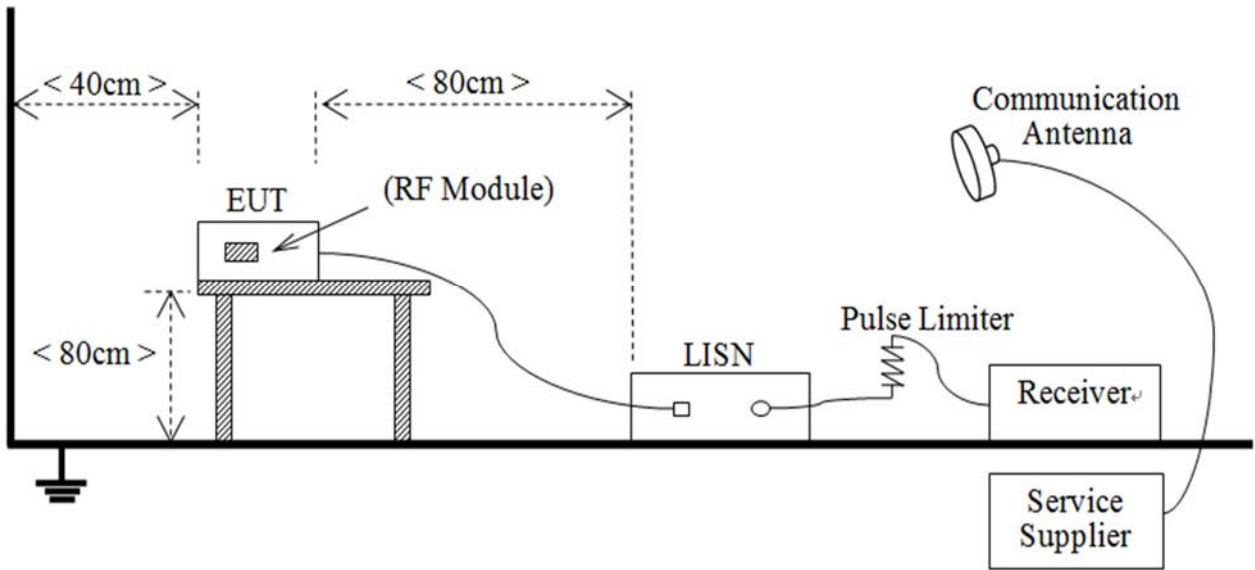
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



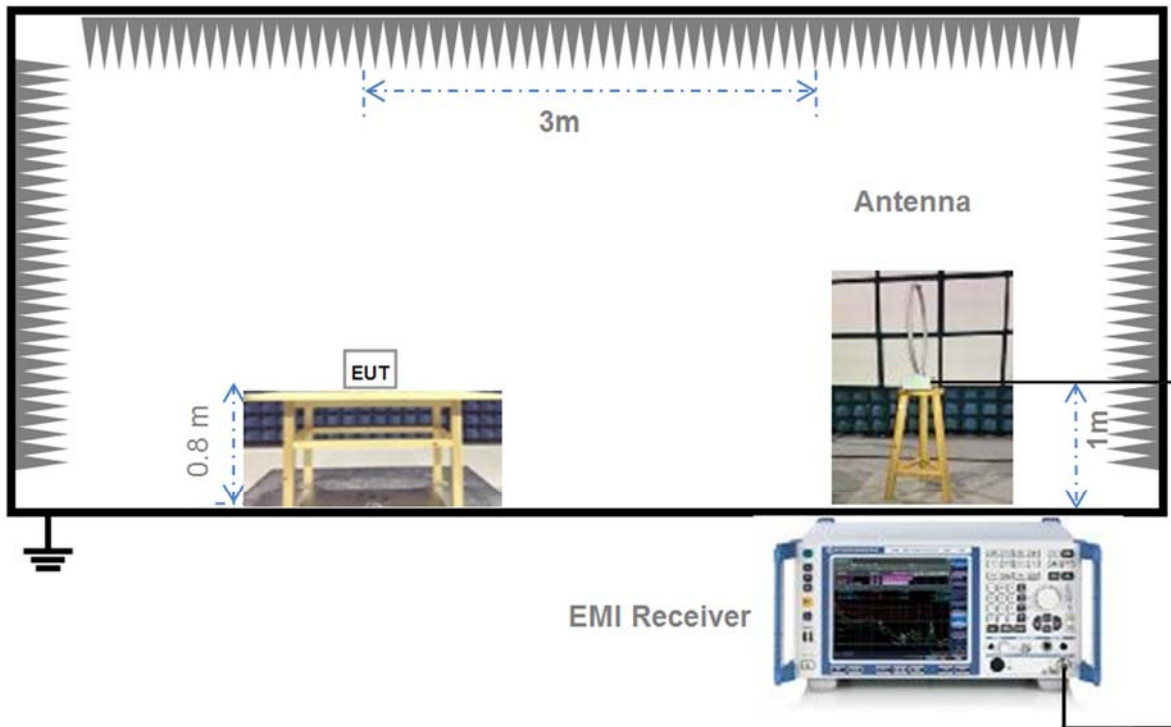
(Diagram 1)

4.4.2 For AC Power Supply Port Test



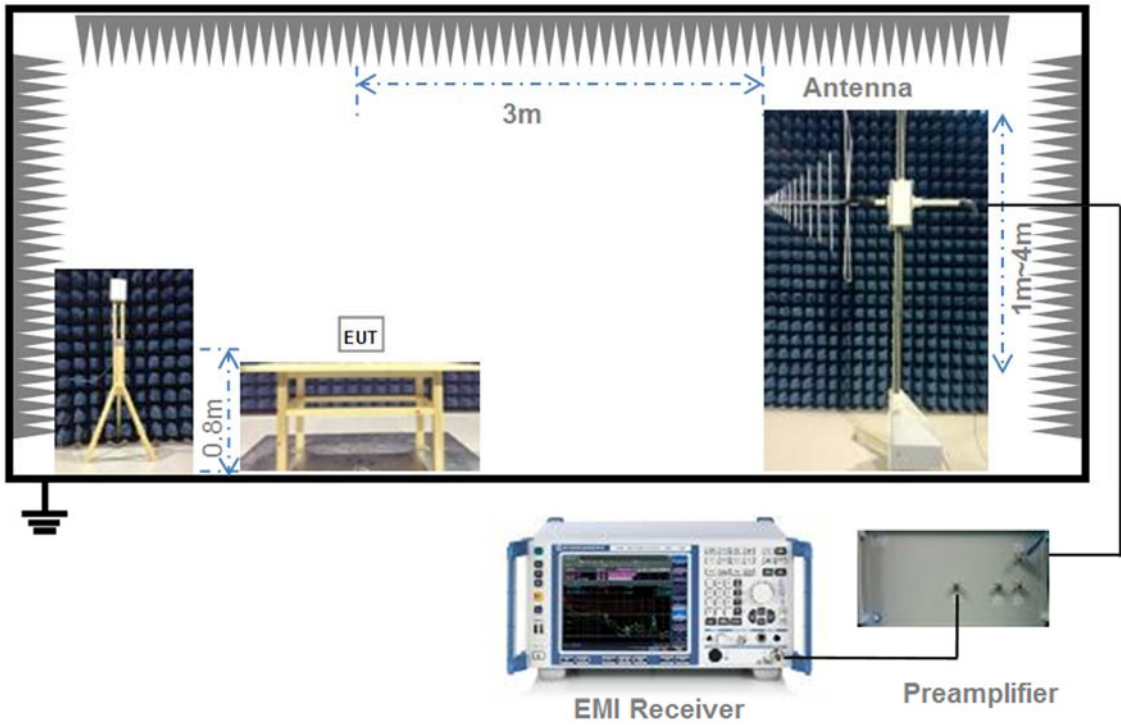
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



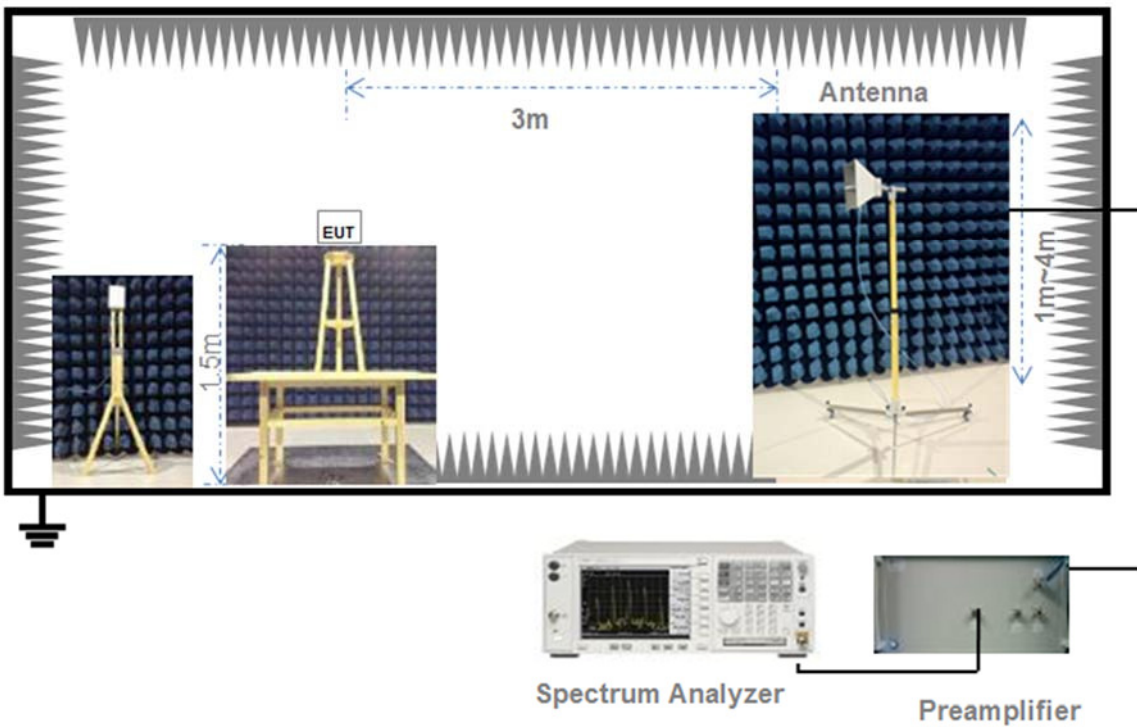
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



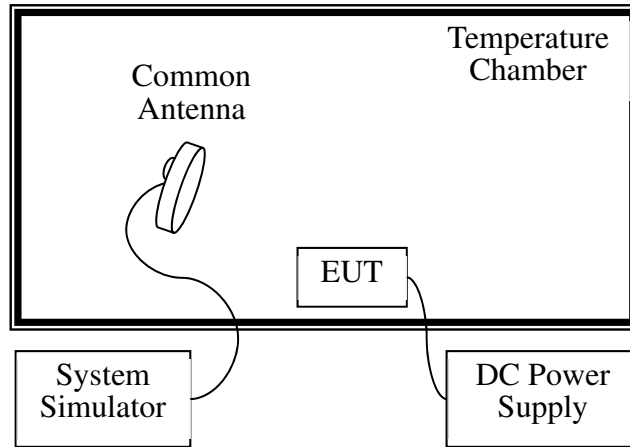
(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

4.4.6 For Frequency Stability Test



(Diagram 6)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

Frequency Band (MHz)	Limit
5150-5250	250 mW
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where "B" is the 26 dB emissions bandwidth in MHz.	

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where "B" is the 99% emissions bandwidth in MHz.	

The maximum e.i.r.p. shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note: Where "B" is the 99% emissions bandwidth in MHz.	

5.1.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

The test setup photo please refer to 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW
2. Set RBW = 1% to 5% of the OBW.
3. Set VBW $\geq 3 \times$ RBW, Detector = Peak.
4. Trace mode = Max hold.
5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.
2. Detector = Peak. Trace mode = Max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

RSS-247, 6.2

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

The e.i.r.p. spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A

5.3.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

The section 4.4.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

5.4.4 Test Result

Please refer to ANNEX A.5.

5.5 Conducted Spurious Emission and Band Edge (Authorized-band)

5.5.1 Limit

FCC §15.407(b)

Un-restricted band emissions	
Frequency Band (MHz)	Limit
5150 - 5250	Outside of the 5.15-5.35 GHz band: e.i.r.p. -27 dBm
5250 - 5350	Outside of the 5.15-5.35 GHz band: e.i.r.p. -27 dBm
5470 - 5725	Outside of the 5.47-5.725 GHz band: e.i.r.p. -27 dBm
5725 - 5850	<p>All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p>

RSS-247, 6.2

Un-restricted band emissions	
Frequency Band (MHz)	Limit
5150 - 5250	Outside of the 5.15-5.35 GHz band: e.i.r.p. -27 dBm, However, any unwanted emissions that fall into the band 5250-5350 MHz must be 26 dBc, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth, above 5.25 GHz.
5250 - 5350	Outside of the 5.15-5.35 GHz band: e.i.r.p. -27 dBm. And any emissions within the band 5150-5250 MHz shall meet the power spectral density limits of 10 dBm/MHz, The device shall be labelled "for indoor use only."
5470 - 5725	Outside of the 5.47-5.725 GHz band: e.i.r.p. -27 dBm
5725 - 5850	5715 -5725 MHz: e.i.r.p. -17 dBm 5850 -5860 MHz: e.i.r.p. -17 dBm Other un-restricted band: e.i.r.p. -27 dBm

5.5.2 Test Setup

See section 4.4.2 (Diagram 2) for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize

5.5.4 Test Result

Please refer to ANNEX A.6.

5.6 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.6.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note 1: The Limit for radiated test was performed according to FCC Part 15C

Note 2: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	<p>All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p>

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.6.2 Test Setup

The section 4.4.3-4.4.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies \leq 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies $>$ 1000 MHz).
- d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20 \log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- f) Compare the resultant electric field strength level to the applicable limit.
- g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

- a) RBW = as specified in Table 1.
- b) VBW \geq 3 x RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle \geq 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than \pm 2 percent), then the following procedure shall be used:

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW \geq 3 x RBW.
- e) Detector = RMS, if span/(# of points in sweep) \leq (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.
 - 3) If a specific emission is demonstrated to be continuous (\geq 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.6.4 Test Result

Please refer to ANNEX A.7.

5.7 Frequency Stability

5.7.1 Limit

FCC §15.407(g)

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

5.7.2 Test Setup

The section 4.4.6 (Diagram 6) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.7.3 Test Procedure

The EUT is installed in an environment test chamber with external power source.

Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.

A sufficient stabilization period at each temperatures is used prior to each frequency measurement.

When temperature is stabled, measure the frequency stability.

The test shall be performed under -30 to 50 centigrade and 85 to 115 percent of the nominal voltage.

Change setting of chamber and external power source to complete all conditions.

5.7.4 Test Result

Please refer to ANNEX A.8.

ANNEX A TEST RESULT

A.1 RF Output Power

Test Data

Conducted Power

Band I (5150 - 5250 MHz)										
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)						Limit (mW)	Verdict
			ANT0 (dBm)	ANT0 (mW)	ANT1 (dBm)	ANT1 (mW)	Total power(dBm)	Total power(mW)		
11a (HT20)	CH36	5180	12.83	19.19	12.45	17.58	15.65	36.77	250	Pass
11a (HT20)	CH44	5220	13.16	20.70	11.78	15.07	15.53	35.77	250	Pass
11a (HT20)	CH48	5240	13.09	20.37	12.69	18.58	15.90	38.95	250	Pass
11n (HT20)	CH36	5180	12.50	17.78	12.55	17.99	15.54	35.77	250	Pass
11n (HT20)	CH44	5220	12.79	19.01	11.59	14.42	15.24	33.43	250	Pass
11n (HT20)	CH48	5240	11.35	13.65	12.90	19.50	15.20	33.14	250	Pass
11n (HT40)	CH38	5190	13.28	21.28	9.15	8.22	14.70	29.50	250	Pass
11n (HT40)	CH46	5230	12.24	16.75	10.73	11.83	14.56	28.58	250	Pass
11ac (HT20)	CH36	5180	12.71	18.66	11.91	15.52	15.34	34.19	250	Pass
11ac (HT20)	CH44	5220	12.36	17.22	11.81	15.17	15.10	32.39	250	Pass
11ac (HT20)	CH48	5240	12.18	16.52	11.34	13.61	14.79	30.13	250	Pass
11ac (HT40)	CH38	5190	12.00	15.85	12.64	18.37	15.34	34.21	250	Pass
11ac (HT40)	CH46	5230	11.82	15.21	13.31	21.43	15.64	36.63	250	Pass
11ac (HT80)	CH42	5210	12.03	15.96	8.44	6.98	13.61	22.94	250	Pass

Band II (5250 - 5350 MHz)										
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)						Limit (mW)	Verdict
			ANT0 (dBm)	ANT0 (mW)	ANT1 (dBm)	ANT1 (mW)	Total power(dBm)	Total power(mW)		
11a (HT20)	CH52	5260	13.19	20.84	12.90	19.50	16.06	40.34	250	Pass
11a (HT20)	CH60	5300	12.99	19.91	12.96	19.77	15.99	39.68	250	Pass
11a (HT20)	CH64	5320	12.91	19.54	12.70	18.62	15.82	38.16	250	Pass
11n (HT20)	CH52	5260	12.32	17.06	12.93	19.63	15.65	36.69	250	Pass
11n (HT20)	CH60	5300	12.68	18.54	12.65	18.41	15.68	36.94	250	Pass
11n (HT20)	CH64	5320	12.40	17.38	11.55	14.29	15.01	31.67	250	Pass
11n (HT40)	CH54	5270	13.38	21.78	10.41	10.99	15.15	32.77	250	Pass
11n (HT40)	CH62	5310	12.29	16.94	8.97	7.89	13.95	24.83	250	Pass
11ac (HT20)	CH52	5260	12.64	18.37	11.53	14.22	15.13	32.59	250	Pass
11ac (HT20)	CH60	5300	12.63	18.32	12.85	19.28	15.75	37.60	250	Pass
11ac (HT20)	CH64	5320	12.75	18.84	12.72	18.71	15.75	37.54	250	Pass
11ac (HT40)	CH54	5270	12.14	16.37	12.21	16.63	15.19	33.00	250	Pass
11ac (HT40)	CH62	5310	13.20	20.89	13.11	20.46	16.17	41.36	250	Pass
11ac (HT80)	CH58	5290	11.80	15.14	8.70	7.41	13.53	22.55	250	Pass

Band III (5350 - 5470 MHz)										
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)						Limit (mW)	Verdict
			ANT0 (dBm)	ANT0 (mW)	ANT1 (dBm)	ANT1 (mW)	Total power(dBm)	Total power(mW)		
11a (HT20)	CH100	5500	13.16	20.70	13.16	20.70	16.17	41.40	250	Pass
11a (HT20)	CH116	5580	13.54	22.59	13.14	20.61	16.35	43.20	250	Pass
11a (HT20)	CH140	5700	13.21	20.94	12.89	19.45	16.06	40.39	250	Pass
11n (HT20)	CH100	5500	12.84	19.23	12.68	18.54	15.77	37.77	250	Pass
11n (HT20)	CH116	5580	13.06	20.23	12.95	19.72	16.02	39.95	250	Pass
11n (HT20)	CH140	5700	11.83	15.24	12.66	18.45	15.28	33.69	250	Pass
11n (HT40)	CH102	5510	13.60	22.91	9.88	9.73	15.14	32.64	250	Pass
11n (HT40)	CH111	5550	12.74	18.79	10.24	10.57	14.68	29.36	250	Pass
11ac (HT20)	CH100	5500	13.01	20.00	12.33	17.10	15.69	37.10	250	Pass
11ac (HT20)	CH116	5580	13.07	20.28	12.94	19.68	16.02	39.96	250	Pass
11ac (HT20)	CH140	5700	11.64	14.59	12.85	19.28	15.30	33.86	250	Pass
11ac (HT40)	CH102	5510	12.34	17.14	12.11	16.26	15.24	33.40	250	Pass
11ac (HT40)	CH111	5550	12.62	18.28	13.56	22.70	16.13	40.98	250	Pass
11ac (HT80)	CH106	5530	12.33	17.10	9.74	9.42	14.24	26.52	250	Pass

Band IV (5725 - 5850 MHz)										
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)						Limit (W)	Verdict
			ANT0 (dBm)	ANT0 (mW)	ANT1 (dBm)	ANT1 (mW)	Total power(dBm)	Total power(mW)		
11a (HT20)	CH149	5745	13.06	20.23	10.19	10.45	14.87	30.68	1	Pass
11a (HT20)	CH157	5785	13.08	13.08	10.61	11.51	13.91	24.59	1	Pass
11a (HT20)	CH165	5825	13.06	13.06	8.94	7.83	13.20	20.89	1	Pass
11n (HT20)	CH149	5745	12.63	12.63	9.94	9.86	13.52	22.49	1	Pass
11n (HT20)	CH157	5785	12.69	12.69	9.50	8.91	13.35	21.60	1	Pass
11n (HT20)	CH165	5825	12.96	12.96	9.81	9.57	13.53	22.53	1	Pass
11n (HT40)	CH151	5755	12.06	12.06	10.40	10.96	13.62	23.02	1	Pass
11n (HT40)	CH159	5795	13.40	13.4	9.35	8.61	13.43	22.01	1	Pass
11ac (HT20)	CH149	5745	12.94	12.94	9.57	9.06	13.42	22.00	1	Pass
11ac (HT20)	CH157	5785	12.80	12.8	9.33	8.57	13.30	21.37	1	Pass
11ac (HT20)	CH165	5825	12.89	12.89	10.34	10.81	13.75	23.70	1	Pass
11ac (HT40)	CH151	5755	12.46	12.46	10.19	10.45	13.60	22.91	1	Pass
11ac (HT40)	CH159	5795	13.49	13.49	10.40	10.96	13.88	24.45	1	Pass
11ac (HT80)	CH155	5775	11.47	11.47	8.80	7.59	12.80	19.06	1	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ1680175-604 Data Part 1.pdf".

Test Data

Band I (5150 - 5250 MHz)						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT0	ANT1	ANT0	ANT1
11a (HT20)	CH36	5180	18.72	18.67	16.25	16.23
11a (HT20)	CH44	5220	18.86	18.85	16.24	16.22
11a (HT20)	CH48	5240	18.36	18.49	16.25	16.24
11n (HT20)	CH36	5180	19.67	19.39	17.33	17.37
11n (HT20)	CH44	5220	19.83	19.68	17.39	17.36
11n (HT20)	CH48	5240	19.52	19.61	17.41	17.40
11n (HT40)	CH38	5190	39.62	39.72	35.70	35.64
11n (HT40)	CH46	5230	39.74	39.71	35.75	35.67
11ac (HT20)	CH36	5180	19.64	19.17	17.32	17.35
11ac (HT20)	CH44	5220	19.36	19.51	17.35	17.35
11ac (HT20)	CH48	5240	19.42	19.60	17.33	17.34
11ac (HT40)	CH38	5190	39.92	39.47	35.75	35.76
11ac (HT40)	CH46	5230	39.53	39.94	35.69	35.71
11ac (HT80)	CH42	5210	81.44	81.32	74.79	74.85

Band II (5250 - 5350 MHz)						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT0	ANT1	ANT0	ANT1
11a (HT20)	CH52	5260	18.48	18.31	16.22	16.24
11a (HT20)	CH60	5300	18.81	18.98	16.22	16.24
11a (HT20)	CH64	5320	18.57	19.50	16.22	16.22
11n (HT20)	CH52	5260	19.57	19.78	17.38	17.32
11n (HT20)	CH60	5300	19.84	19.51	17.41	17.36
11n (HT20)	CH64	5320	19.01	19.50	17.40	17.37
11n (HT40)	CH54	5270	39.65	40.41	35.76	35.68
11n (HT40)	CH62	5310	40.36	40.13	35.82	35.78
11ac (HT20)	CH52	5260	19.39	19.59	17.33	17.34
11ac (HT20)	CH60	5300	19.39	19.43	17.35	17.36
11ac (HT20)	CH64	5320	19.74	19.58	17.37	17.37
11ac (HT40)	CH54	5270	39.09	39.96	35.64	35.73
11ac (HT40)	CH62	5310	39.50	39.81	35.70	35.74
11ac (HT80)	CH58	5290	82.67	80.94	74.89	74.79

Band III (5470 - 5725 MHz)						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT0	ANT1	ANT0	ANT1
11a (HT20)	CH100	5500	18.67	18.38	16.22	16.22
11a (HT20)	CH116	5580	18.66	18.84	16.28	16.22
11a (HT20)	CH140	5700	19.04	18.76	16.26	16.24
11n (HT20)	CH100	5500	19.56	19.55	17.42	17.37
11n (HT20)	CH116	5580	19.40	19.07	17.36	17.41
11n (HT20)	CH140	5700	19.42	19.71	17.42	17.36
11n (HT40)	CH102	5510	39.69	40.24	35.79	35.67
11n (HT40)	CH111	5550	40.45	40.01	35.78	35.74
11ac (HT20)	CH100	5500	19.37	19.35	17.38	17.36
11ac (HT20)	CH116	5580	19.68	19.55	17.33	17.36
11ac (HT20)	CH140	5700	19.42	19.35	17.33	17.37
11ac (HT40)	CH102	5510	39.54	39.41	35.70	35.68
11ac (HT40)	CH111	5550	39.55	39.88	35.65	35.72
11ac (HT80)	CH106	5530	82.25	81.22	74.82	74.65

Band IV (5725 - 5850 MHz)						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT0	ANT1	ANT0	ANT1
11a (HT20)	CH149	5745	18.79	18.70	16.28	16.27
11a (HT20)	CH157	5785	18.33	18.68	16.24	16.28
11a (HT20)	CH165	5825	19.32	18.54	16.30	16.25
11n (HT20)	CH149	5745	19.79	19.39	17.39	17.35
11n (HT20)	CH157	5785	19.18	19.52	17.39	17.33
11n (HT20)	CH165	5825	19.72	19.44	17.33	17.37
11n (HT40)	CH151	5755	39.95	40.12	35.85	35.67
11n (HT40)	CH159	5795	40.08	39.80	35.79	35.72
11ac (HT20)	CH149	5745	19.43	19.40	17.36	17.38
11ac (HT20)	CH157	5785	19.44	19.50	17.35	17.38
11ac (HT20)	CH165	5825	19.62	19.44	17.36	17.42
11ac (HT40)	CH151	5755	39.67	39.69	35.72	35.72
11ac (HT40)	CH159	5795	39.65	39.37	35.72	35.74
11ac (HT80)	CH155	5775	81.86	81.23	74.98	74.77

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ1680175-604 Data Part 2.pdf".

Test Data

Band IV (5725 - 5850 MHz)						
Mode	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (kHz)	Verdict
			ANT0	ANT1		
11a (HT20)	CH149	5745	15.39	15.18	500	Pass
11a (HT20)	CH157	5785	16.38	15.19	500	Pass
11a (HT20)	CH165	5825	15.33	16.37	500	Pass
11n (HT20)	CH149	5745	12.28	15.14	500	Pass
11n (HT20)	CH157	5785	12.20	15.17	500	Pass
11n (HT20)	CH165	5825	12.68	15.17	500	Pass
11n (HT40)	CH151	5755	31.96	35.21	500	Pass
11n (HT40)	CH159	5795	29.37	35.21	500	Pass
11ac (HT20)	CH149	5745	15.06	15.74	500	Pass
11ac (HT20)	CH157	5785	14.60	15.74	500	Pass
11ac (HT20)	CH165	5825	14.98	16.28	500	Pass
11ac (HT40)	CH151	5755	35.22	35.72	500	Pass
11ac (HT40)	CH159	5795	35.10	35.14	500	Pass
11ac (HT80)	CH155	5775	75.22	75.43	500	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ1680175-604 Data Part 3.pdf".

Test Data

Band I (5150 - 5250 MHz)							
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			ANT0	ANT1	Total PSD		
11a (HT20)	CH36	5180	7.46	5.82	9.73	11	Pass
11a (HT20)	CH44	5220	7.62	5.57	9.73	11	Pass
11a (HT20)	CH48	5240	7.57	5.76	9.77	11	Pass
11n (HT20)	CH36	5180	7.08	5.30	9.29	11	Pass
11n (HT20)	CH44	5220	7.16	5.25	9.32	11	Pass
11n (HT20)	CH48	5240	7.01	5.31	9.25	11	Pass
11n (HT40)	CH38	5190	7.41	5.57	9.60	11	Pass
11n (HT40)	CH46	5230	7.67	5.18	9.61	11	Pass
11ac (HT20)	CH36	5180	7.05	5.16	9.22	11	Pass
11ac (HT20)	CH44	5220	7.12	5.16	9.26	11	Pass
11ac (HT20)	CH48	5240	7.21	5.04	9.27	11	Pass
11ac (HT40)	CH38	5190	6.93	5.11	9.12	11	Pass
11ac (HT40)	CH46	5230	7.06	5.33	9.29	11	Pass
11ac (HT80)	CH42	5210	4.95	2.47	6.89	11	Pass

Band II (5250 - 5350 MHz)							
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			ANT0	ANT1	Total PSD		
11a (HT20)	CH52	5260	7.51	4.71	9.34	11	Pass
11a (HT20)	CH60	5300	7.62	4.26	9.27	11	Pass
11a (HT20)	CH64	5320	7.68	4.24	9.30	11	Pass
11n (HT20)	CH52	5260	8.00	6.29	10.24	11	Pass
11n (HT20)	CH60	5300	7.86	5.06	9.69	11	Pass
11n (HT20)	CH64	5320	7.26	4.96	9.27	11	Pass
11n (HT40)	CH54	5270	7.68	5.10	9.59	11	Pass
11n (HT40)	CH62	5310	7.70	5.07	9.59	11	Pass
11ac (HT20)	CH52	5260	6.89	6.18	9.56	11	Pass
11ac (HT20)	CH60	5300	7.08	5.99	9.58	11	Pass
11ac (HT20)	CH64	5320	7.29	5.93	9.67	11	Pass
11ac (HT40)	CH54	5270	6.77	4.49	8.79	11	Pass
11ac (HT40)	CH62	5310	6.86	4.32	8.78	11	Pass
11ac (HT80)	CH58	5290	3.86	2.48	6.23	11	Pass

Band III (5470 - 5725 MHz)							
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			ANT0	ANT1	Total PSD		
11a (HT20)	CH100	5500	7.85	6.47	10.22	11	Pass
11a (HT20)	CH116	5580	7.73	6.01	9.96	11	Pass
11a (HT20)	CH140	5700	7.80	5.75	9.91	11	Pass
11n (HT20)	CH100	5500	7.59	5.83	9.81	11	Pass
11n (HT20)	CH116	5580	7.69	5.53	9.75	11	Pass
11n (HT20)	CH140	5700	7.10	5.31	9.31	11	Pass
11n (HT40)	CH102	5510	8.30	5.70	10.20	11	Pass
11n (HT40)	CH111	5550	7.90	5.64	9.93	11	Pass
11ac (HT20)	CH100	5500	7.83	5.70	9.90	11	Pass
11ac (HT20)	CH116	5580	7.68	5.39	9.69	11	Pass
11ac (HT20)	CH140	5700	7.38	5.23	9.45	11	Pass
11ac (HT40)	CH102	5510	8.53	5.79	10.38	11	Pass
11ac (HT40)	CH111	5550	8.56	5.58	10.33	11	Pass
11ac (HT80)	CH106	5530	5.75	2.82	7.54	11	Pass

Band IV (5725 - 5850 MHz)							
Mode	Channel	Frequency (MHz)	PSD(dBm/500kHz)			Limit (dBm/500kHz)	Verdict
			ANT0	ANT1	Total PSD		
11a (HT20)	CH149	5745	7.64	6.11	9.95	11	Pass
11a (HT20)	CH157	5785	7.60	6.20	9.97	11	Pass
11a (HT20)	CH165	5825	7.71	6.26	10.06	11	Pass
11n (HT20)	CH149	5745	7.47	4.51	9.25	11	Pass
11n (HT20)	CH157	5785	7.41	4.85	9.33	11	Pass
11n (HT20)	CH165	5825	7.49	4.77	9.35	11	Pass
11n (HT40)	CH151	5755	4.37	2.04	6.37	11	Pass
11n (HT40)	CH159	5795	4.31	1.99	6.31	11	Pass
11ac (HT20)	CH149	5745	6.97	5.81	9.44	11	Pass
11ac (HT20)	CH157	5785	6.97	5.58	9.34	11	Pass
11ac (HT20)	CH165	5825	7.17	5.76	9.53	11	Pass
11ac (HT40)	CH151	5755	5.06	3.27	7.27	11	Pass
11ac (HT40)	CH159	5795	5.24	3.38	7.42	11	Pass
11ac (HT80)	CH155	5775	1.63	0.09	3.94	11	Pass

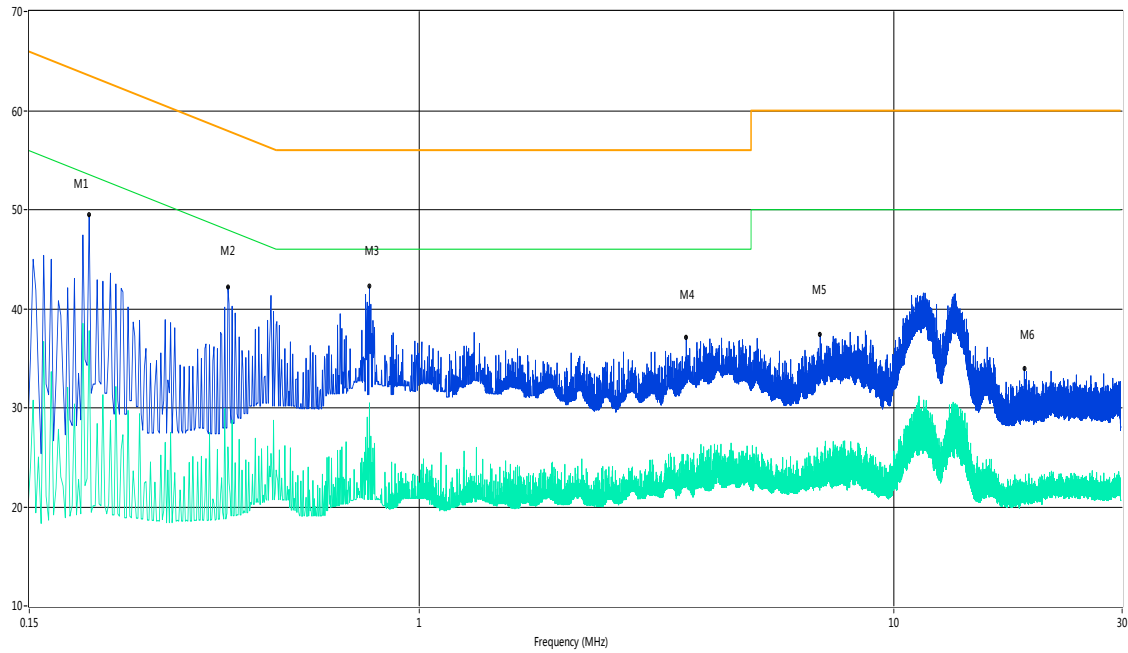
A.5 Conducted Emissions

Note 1: The EUT is working in the Normal link mode.

Note 2: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

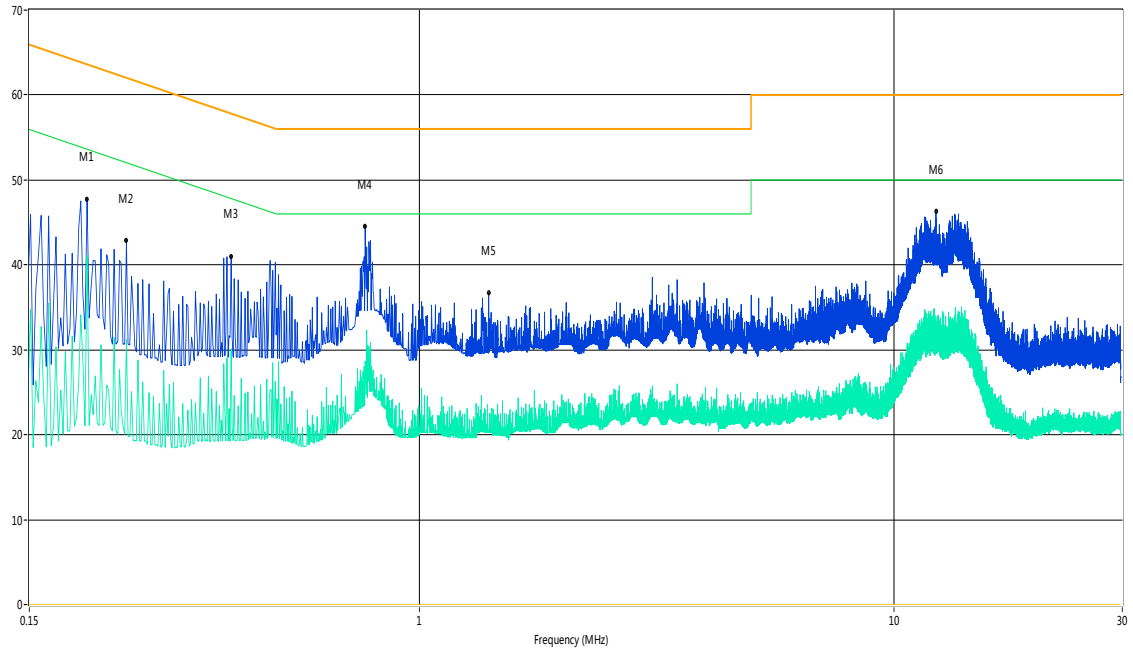
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.20	49.5	11.00	64.5	15.00	Peak	L Line	Pass
1**	0.20	37.8	11.00	54.5	16.70	AV	L Line	Pass
2	0.40	42.2	11.00	59.0	16.80	Peak	L Line	Pass
2**	0.40	26.0	11.00	49.0	23.00	AV	L Line	Pass
3	0.79	42.3	11.00	56.0	13.70	Peak	L Line	Pass
3**	0.79	30.5	11.00	46.0	15.50	AV	L Line	Pass
4	3.65	37.1	11.00	56.0	18.90	Peak	L Line	Pass
4**	3.65	23.8	11.00	46.0	22.20	AV	L Line	Pass
5	6.99	37.4	11.00	60.0	22.60	Peak	L Line	Pass
5**	6.99	24.0	11.00	50.0	26.00	AV	L Line	Pass
6	18.81	34.0	11.00	60.0	26.00	Peak	L Line	Pass
6**	18.81	20.9	11.00	50.0	29.10	AV	L Line	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.20	47.8	11.00	64.6	16.80	Peak	N Line	Pass
1**	0.20	41.1	11.00	54.6	13.50	AV	N Line	Pass
2	0.24	42.9	11.00	63.4	20.50	Peak	N Line	Pass
2**	0.24	31.2	11.00	53.4	22.20	AV	N Line	Pass
3	0.40	41.0	11.00	58.8	17.80	Peak	N Line	Pass
3**	0.40	30.1	11.00	48.8	18.70	AV	N Line	Pass
4	0.77	44.6	11.00	56.0	11.40	Peak	N Line	Pass
4**	0.77	28.7	11.00	46.0	17.30	AV	N Line	Pass
5	1.40	36.7	11.00	56.0	19.30	Peak	N Line	Pass
5**	1.40	19.8	11.00	46.0	26.20	AV	N Line	Pass
6	12.26	46.3	11.00	60.0	13.70	Peak	N Line	Pass
6**	12.26	33.4	11.00	50.0	16.60	AV	N Line	Pass

A.6 Conducted Spurious Emission and Band Edge (Authorized-band)

Note 1: Test plots please refer to the document “Annex No.: BL-SZ1680175-604 Data Part 4.pdf”.

Note 2: The margin of all individual chains in the report is greater than 3 db, so the total value meets the limit requirement.

ANTENNA 0

Test Band	Mode	Channel	Verdict
Band 1	802.11a(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11ac(HT40)	Low	Pass
High		Pass	
802.11ac(HT80)	Low	Pass	
Band 2	802.11a(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11ac(HT40)	Low	Pass
High		Pass	
802.11ac(HT80)	Low	Pass	
Band 3	802.11a(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(HT20)	Low	Pass
Middle		Pass	

	802.11ac(HT40)	High	Pass
		Low	Pass
		High	Pass
Band 4	802.11ac(HT80)	Low	Pass
		High	Pass
	802.11a(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11ac(HT40)	Low	Pass
		High	Pass
	802.11ac(HT80)	Low	Pass
		High	Pass

ANTENNA 1

Test Band	Mode	Channel	Verdict
Band 1	802.11a(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11ac(HT40)	Low	Pass
		High	Pass
	802.11ac(HT80)	Low	Pass
High		Pass	
Band 2	802.11a(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		Middle	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(HT20)	Low	Pass
		High	Pass

		Middle	Pass	
		High	Pass	
		802.11ac(HT40)	Low	Pass
		High	Pass	
		802.11ac(HT80)	Low	Pass
Band 3	802.11a(HT20)	Low	Pass	
		Middle	Pass	
		High	Pass	
	802.11n(HT20)	Low	Pass	
		Middle	Pass	
		High	Pass	
	802.11n(HT40)	Low	Pass	
		High	Pass	
	802.11ac(HT20)	Low	Pass	
		Middle	Pass	
		High	Pass	
	802.11ac(HT40)	Low	Pass	
		High	Pass	
	802.11ac(HT80)	Low	Pass	
	Band 4	802.11a(HT20)	Low	Pass
Middle			Pass	
High			Pass	
802.11n(HT20)		Low	Pass	
		Middle	Pass	
		High	Pass	
802.11n(HT40)		Low	Pass	
		High	Pass	
802.11ac(HT20)		Low	Pass	
		Middle	Pass	
		High	Pass	
802.11ac(HT40)		Low	Pass	
		High	Pass	
802.11ac(HT80)		Low	Pass	

A.7 Radiated Spurious Emissions and Band Edge (Restricted-band)

Antenna-port Conducted test data

$$E = \text{EIRP} - 20 \log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

EIRP= Measure Conducted output power Value (dBm) + Maximum transmit antenna gain (dBi) + The appropriate maximum ground reflection factor (dB)

Note: For Multiple transmitter output, the quantity $10 \log (NANT)$ dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log(NANT)$ if the measurements are made relative to the in-band emissions on the individual outputs.

ANT 0 (Test frequency: 9 KHz – 25 GHz)

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

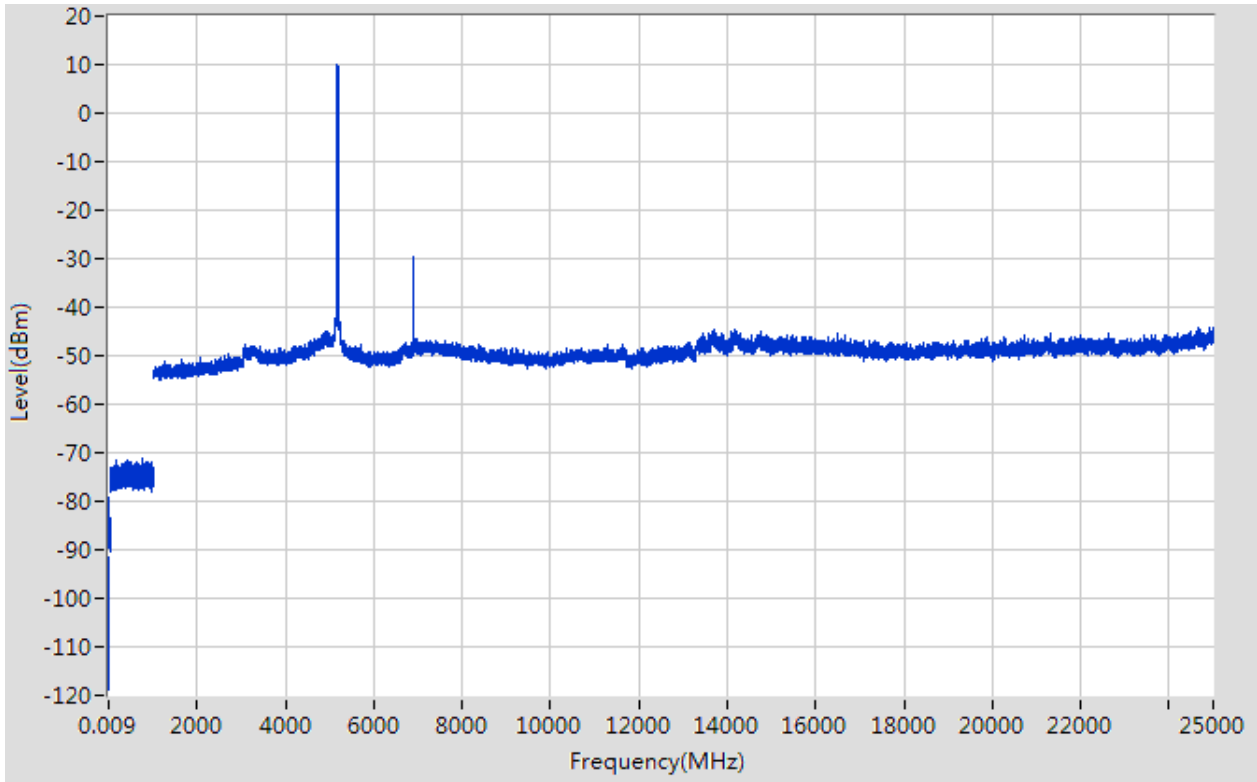
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11a CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.014	-91.47	6	3	2	QP	11.79	68.20	56.41	Note 2	PASS
0.21	-79.76	6	3	2	QP	23.50	68.20	44.70	Note 2	PASS
545.063	-71.29	4.7	3	2	QP	30.67	68.20	37.53	Note 2	PASS
5182.837	9.86	0	3	2	PK	107.12	N/A	N/A	Note 1	N/A
	9.57		3	2	AV	106.83	N/A	N/A		N/A
6907.211	-29.58	0	3	2	PK	67.68	68.20	0.52	Note 2	PASS
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10700.286	-47.95	0	3	2	PK	49.31	74.00	24.69	--	PASS
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	PASS
24971.995	-44.34	0	3	2	PK	52.92	68.20	15.28	Note 2	PASS
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11a CH36, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

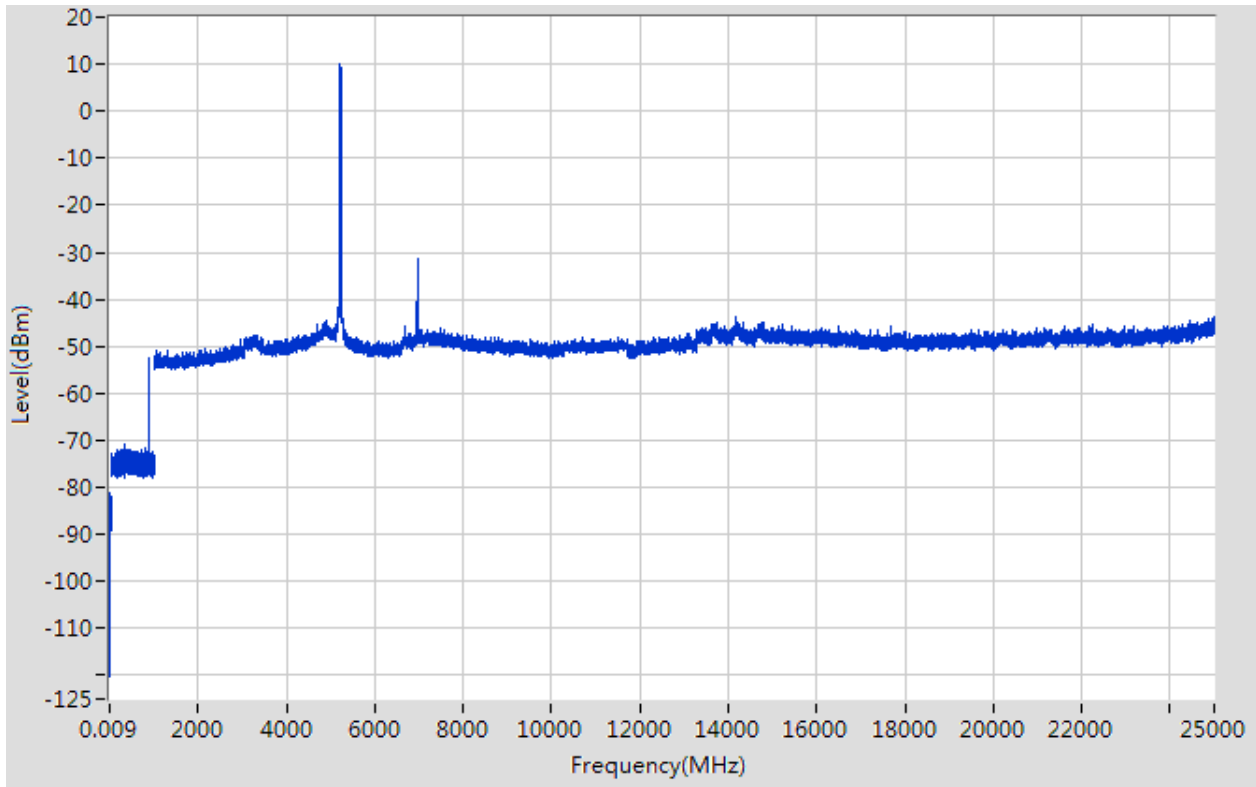
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11a CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.014	-93.14	6	3	2	QP	10.12	68.20	58.08	Note 2	PASS
0.25	-80.38	6	3	2	QP	22.88	68.20	45.32	Note 2	PASS
474.854	-70.93	4.7	3	2	QP	31.03	68.20	37.17	Note 2	PASS
5217.844	10.18	0	3	2	PK	107.44	N/A	N/A	Note 1	N/A
	9.89		3	2	AV	107.15	N/A	N/A		N/A
6960.223	-30.88	0	3	2	PK	66.38	68.20	1.82	Note 2	PASS
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11366.762	-47.62	0	3	2	PK	49.64	74.00	24.36	--	PASS
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	PASS
24993.999	-43.56	0	3	2	PK	53.70	68.20	14.50	Note 2	PASS
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11a CH44, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

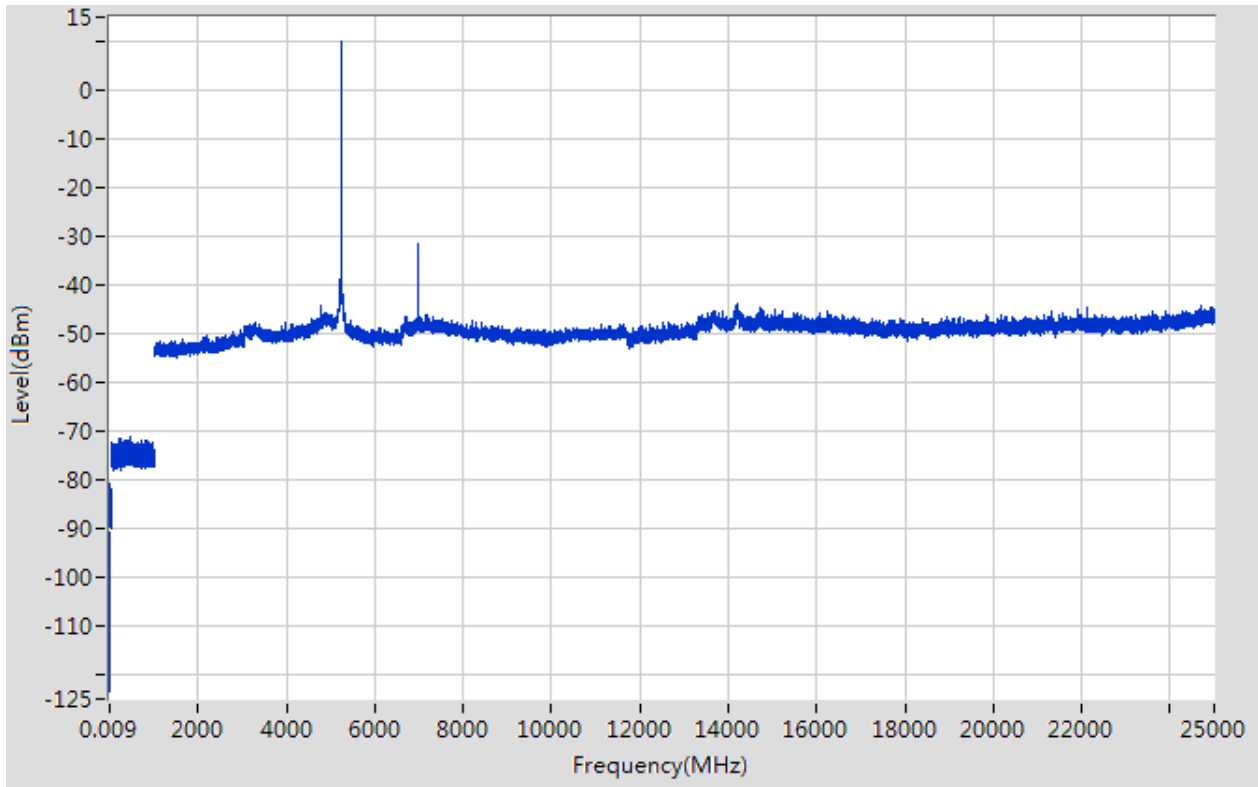
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11a CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.014	-92.4	6	3	2	QP	10.86	68.20	57.34	Note 2	Pass
0.52	-80	6	3	2	QP	23.26	68.20	44.94	Note 2	Pass
870.829	-71.27	4.7	3	2	QP	30.69	68.20	37.51	Note 2	Pass
5236.847	9.99	0	3	2	PK	107.25	N/A	N/A	Note 1	N/A
	9.70		3	2	AV	106.96	N/A	N/A		N/A
6986.229	-31.02	0	3	2	PK	66.24	68.20	1.96	Note 2	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10469.121	-48.04	0	3	2	PK	49.22	68.20	18.98	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	Pass
24933.987	-44.2	0	3	2	PK	53.06	68.20	15.14	Note 2	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	Pass

Test Plots

Band I 11a CH48, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

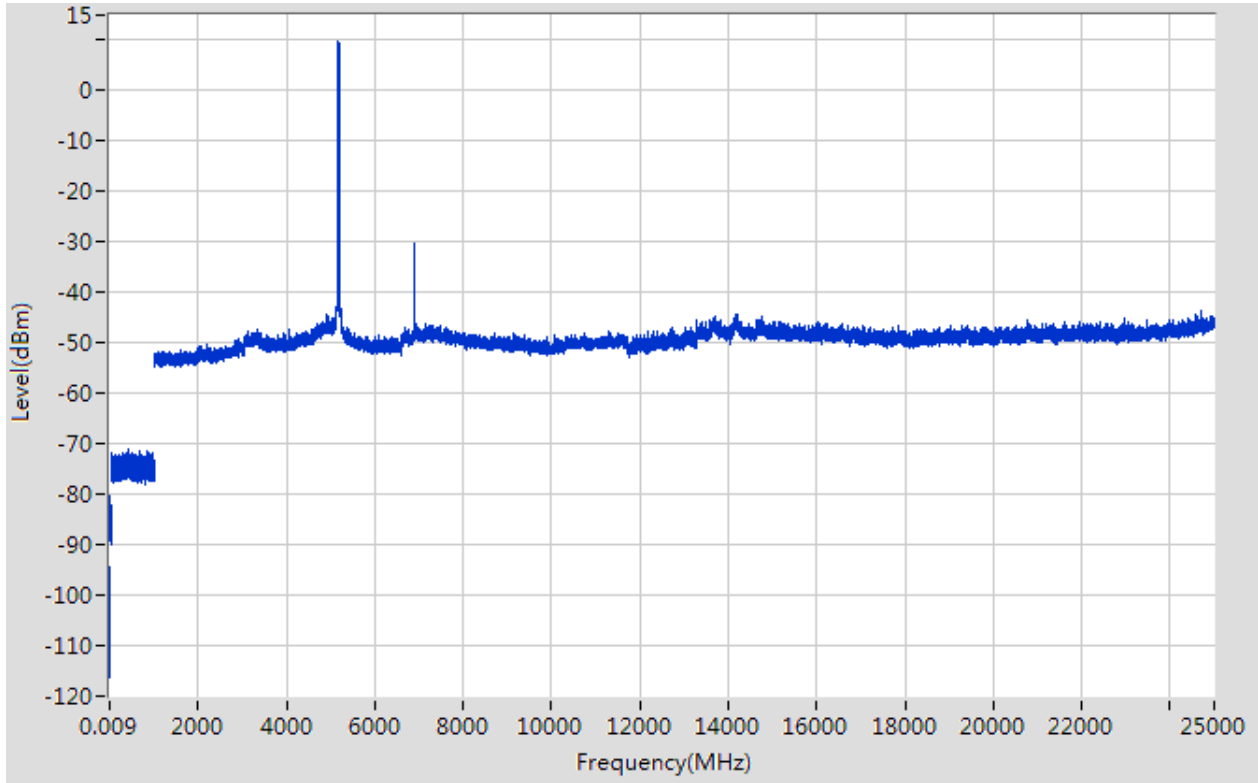
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11 n (HT20) CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.017	-86.43	6	3	2	QP	16.83	68.20	51.37	Note 2	Pass
0.15	-73.76	6	3	2	QP	29.50	68.20	38.70	Note 2	Pass
479.855	-64.23	4.7	3	2	QP	37.73	68.20	30.47	Note 2	Pass
5182.837	16.05	0	3	2	PK	113.31	N/A	N/A	Note 1	N/A
	14.66		3	2	AV	111.92	N/A	N/A		N/A
6907.211	-29.67	0	3	2	PK	67.59	68.20	0.61	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10568.192	-40.99	0	3	2	PK	56.27	68.20	11.93	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
14208.306	-37.62	0	3	2	PK	59.64	68.20	8.56	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT20) CH36, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

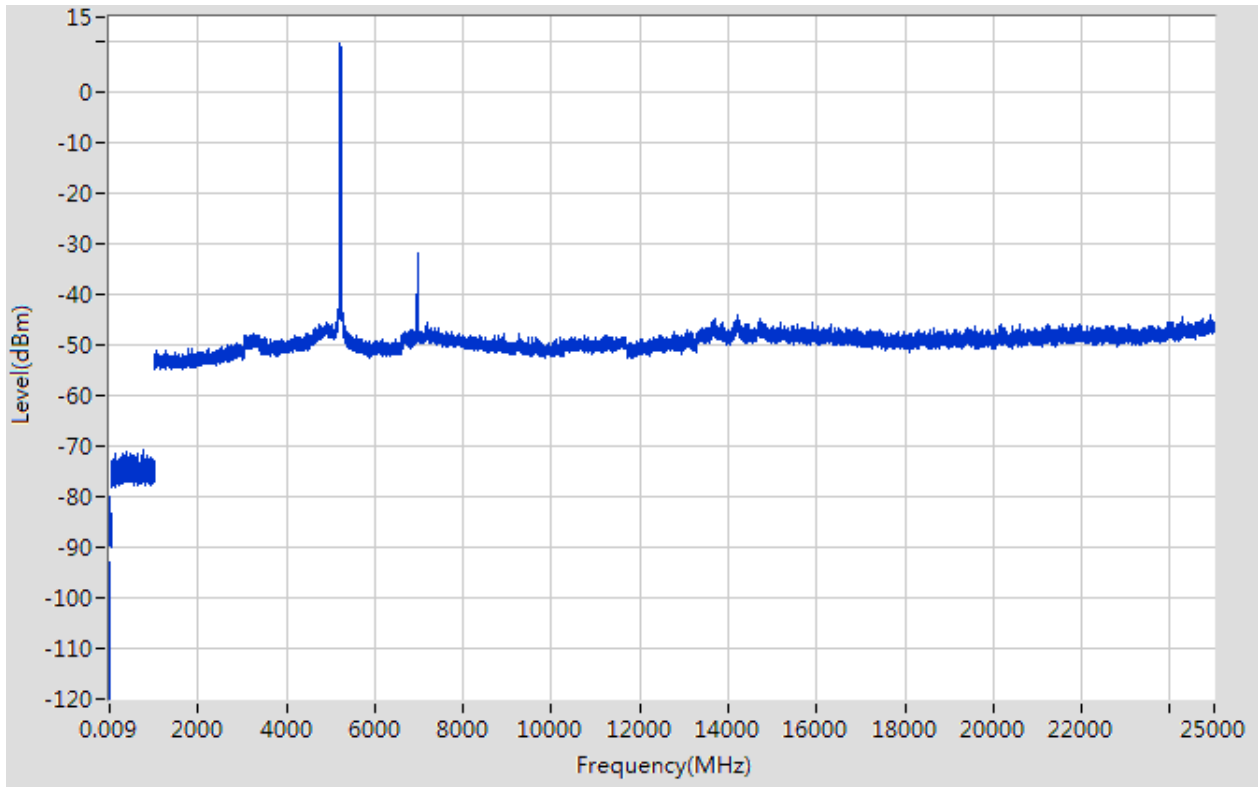
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11 n (HT20) CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.012	-86.52	6	3	2	QP	16.74	68.20	51.46	Note 2	Pass
0.23	-74.08	6	3	2	QP	29.18	68.20	39.02	Note 2	Pass
205.221	-64.5	4.7	3	2	QP	37.46	68.20	30.74	Note 2	Pass
5217.844	16.41	0	3	2	PK	113.67	N/A	N/A	Note 1	N/A
	16.12		3	2	AV	113.38	N/A	N/A		N/A
6960.223	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11480.843	-41.35	0	3	2	PK	55.91	74.00	18.09	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
24967.994	-37.25	0	3	2	PK	60.01	68.20	8.19	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT20) CH44, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

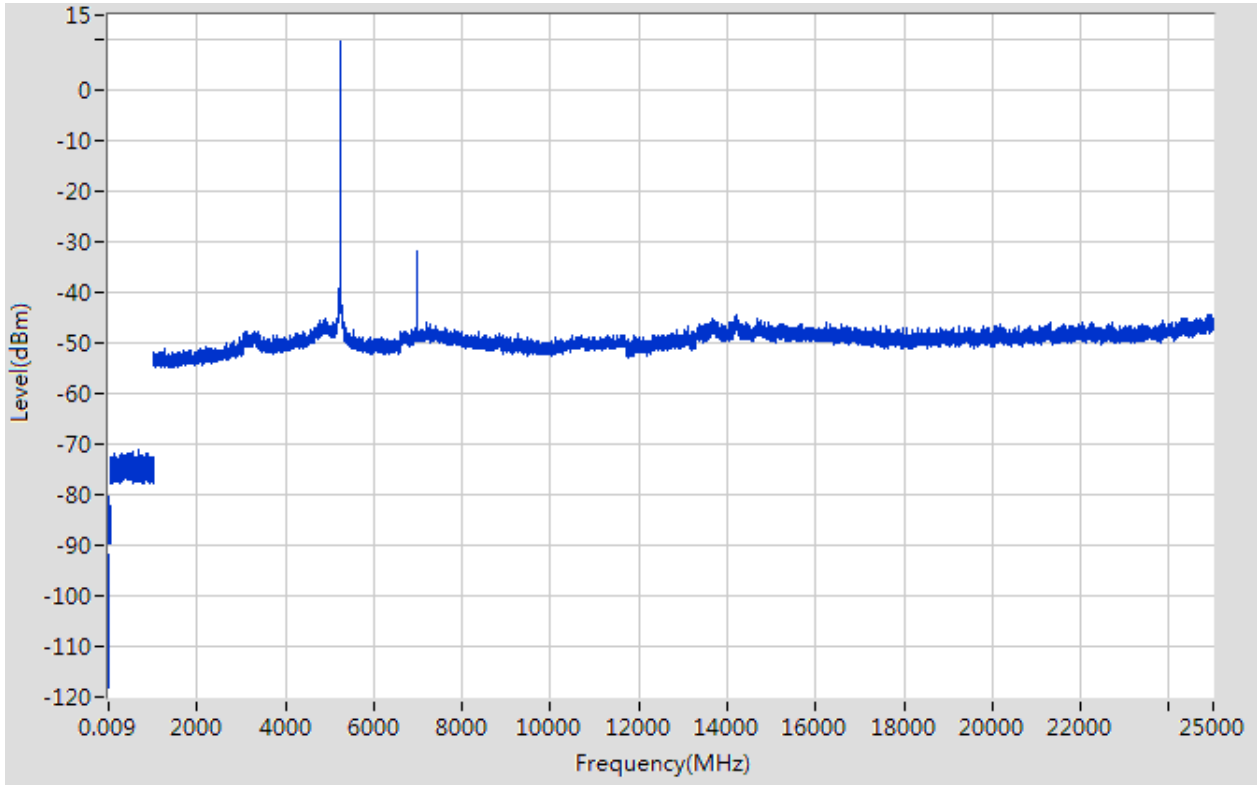
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11 n (HT20) CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.013	-87.22	6	3	2	QP	16.04	68.20	52.16	Note 2	Pass
0.25	-74.68	6	3	2	QP	28.58	68.20	39.62	Note 2	Pass
991.789	-65.04	4.7	3	2	QP	36.92	74.00	37.08	Note 2	Pass
5237.848	16.19	0	3	2	PK	113.45	N/A	N/A	Note 1	N/A
	14.80		3	2	AV	112.06	N/A	N/A		N/A
6986.229	-29.18	0	3	2	PK	68.08	68.20	0.12	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11390.779	-43.2	0	3	2	PK	54.06	74.00	19.94	--	Pass
	-44.59		3	2	AV	52.67	54.00	1.33	Note 3	Pass
24679.937	-36.74	0	3	2	PK	60.52	68.20	7.68	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT20) CH48, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

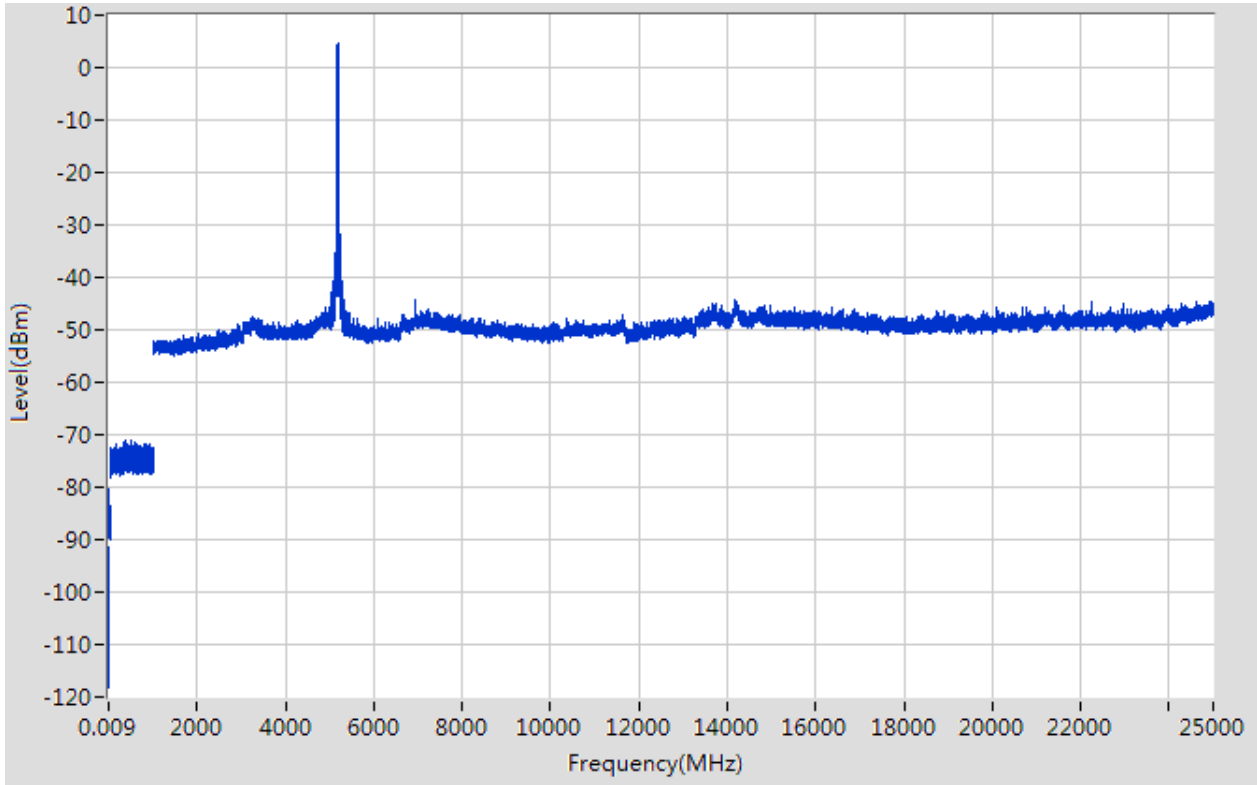
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11 n (HT40) CH38

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.012	-85.76	6	3	2	QP	17.50	68.20	50.70	Note 2	Pass
0.17	-73.78	6	3	2	QP	29.48	68.20	38.72	Note 2	Pass
461.253	-64.54	4.7	3	2	QP	37.42	68.20	30.78	Note 2	Pass
5194.839	13.61	0	3	2	PK	110.87	N/A	N/A	Note 1	N/A
	13.32		3	2	AV	110.58	N/A	N/A		N/A
6920.214	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10705.289	-41.11	0	3	2	PK	56.15	74.00	17.85	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
24932.987	-37.59	0	3	2	PK	59.67	68.20	8.53	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT40) CH38, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

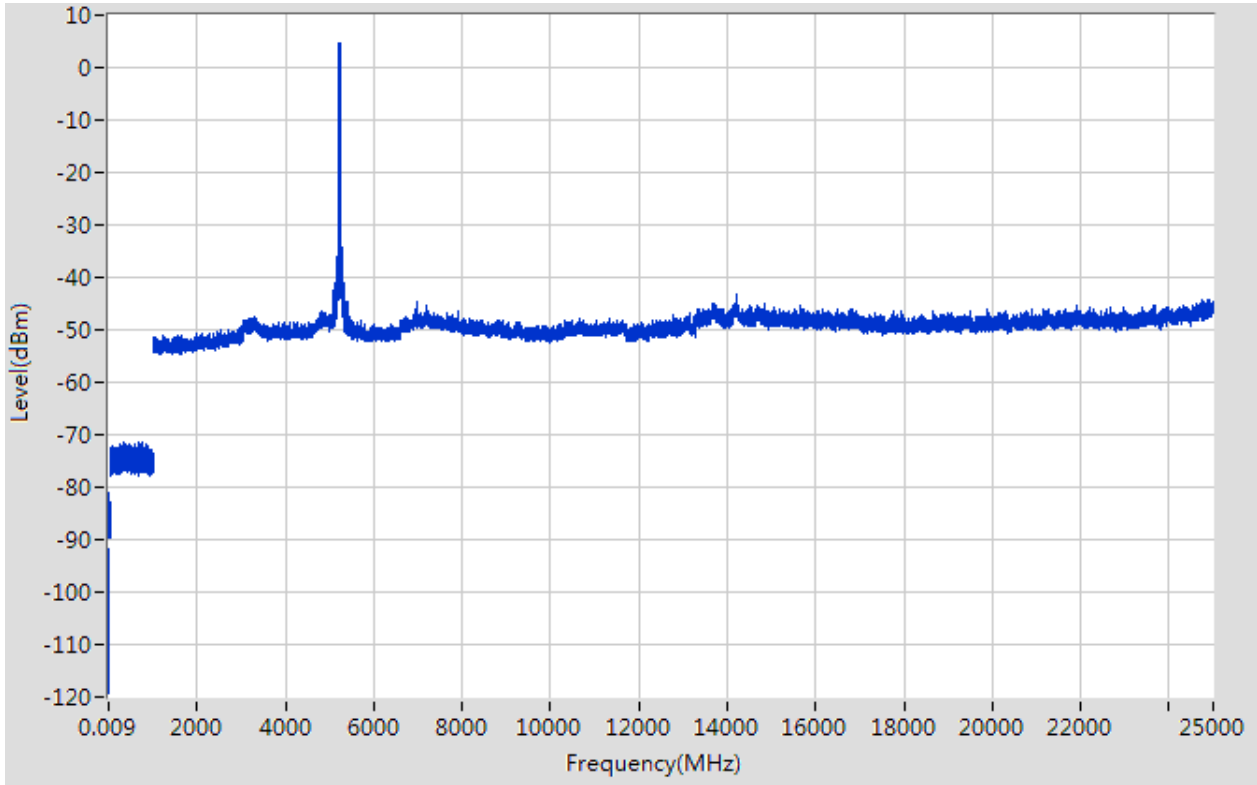
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11n (HT40) CH46

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.014	-91.72	6	3	2	QP	11.54	68.20	56.66	Note 2	Pass
0.47	-80.14	6	3	2	QP	23.12	68.20	45.08	Note 2	Pass
330.137	-70.43	4.7	3	2	QP	31.53	46.00	14.47	Note 2	Pass
5217.844	10.14	0	3	2	PK	107.40	N/A	N/A	Note 1	N/A
	9.85		3	2	AV	107.11	N/A	N/A		N/A
6960.223	-31.2	0	3	2	PK	66.06	68.20	2.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11583.917	-47.7	0	3	2	PK	49.56	74.00	24.44	--	Pass
	-47.99		3	2	AV	49.27	54.00	4.73	Note 3	Pass
14188.304	-44.51	0	3	2	PK	52.75	68.20	15.45	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT40) CH46, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

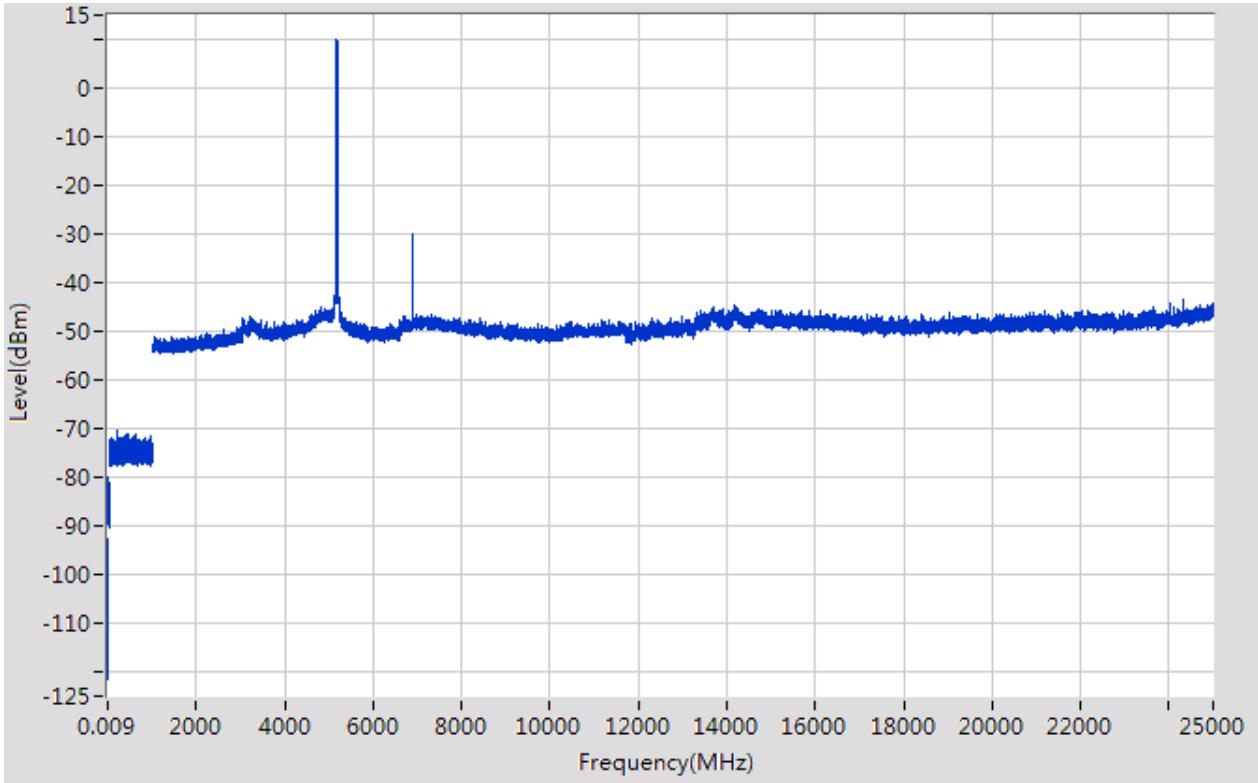
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac (HT20) CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.009	-92.73	6	3	2	QP	10.53	68.20	57.67	Note 2	Pass
0.24	-79.9	6	3	2	QP	23.36	68.20	44.84	Note 2	Pass
197.22	-70.46	4.7	3	2	QP	31.50	68.20	36.70	Note 2	Pass
5176.835	9.94	0	3	2	PK	107.20	N/A	N/A	Note 1	N/A
	9.65		3	2	AV	106.91	N/A	N/A		N/A
6906.211	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11152.609	-47.8	0	3	2	PK	49.46	74.00	24.54	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24343.872	-43.53	0	3	2	PK	53.73	68.20	14.47	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac (HT20) CH36, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

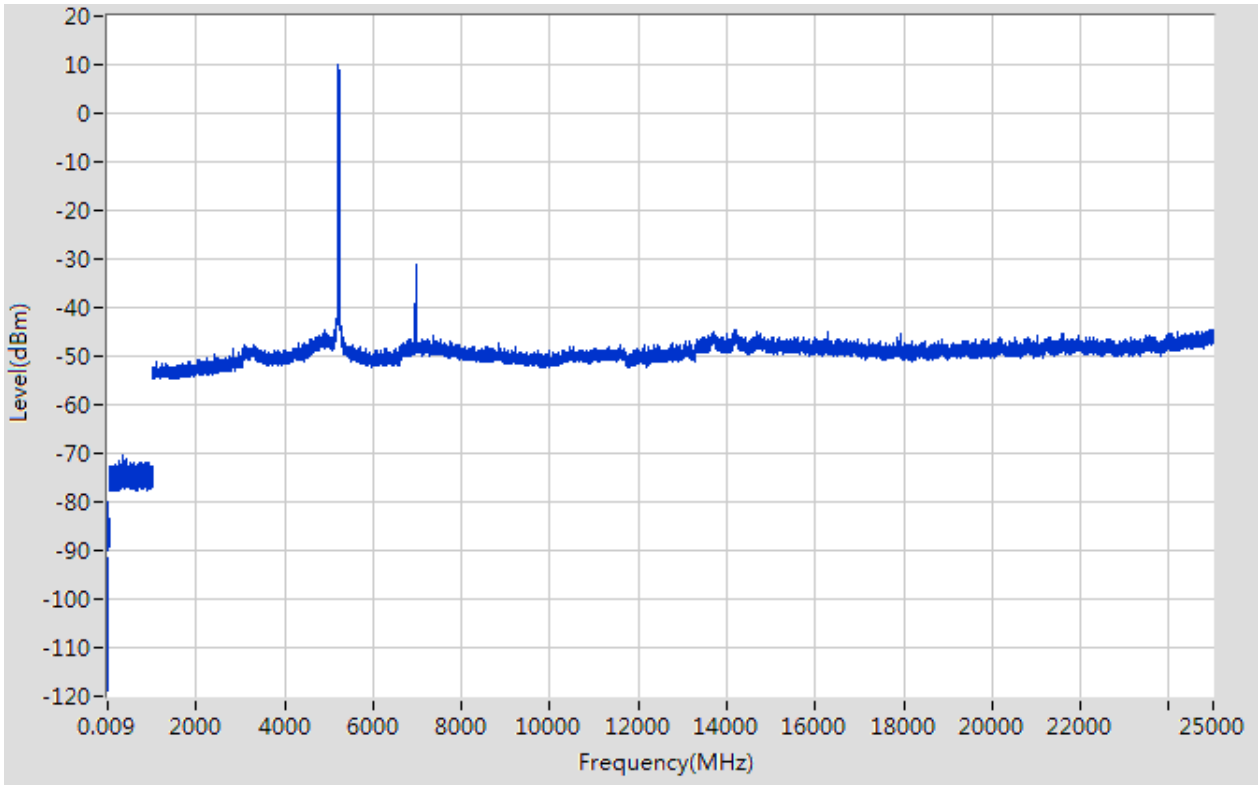
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac (HT20) CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.014	-91.72	6	3	2	QP	11.54	68.20	56.66	Note 2	Pass
0.47	-80.14	6	3	2	QP	23.12	68.20	45.08	Note 2	Pass
330.137	-70.43	4.7	3	2	QP	31.53	46.00	14.47	Note 2	Pass
5217.844	10.14	0	3	2	PK	107.40	N/A	N/A	Note 1	N/A
	9.85		3	2	AV	107.11	N/A	N/A		N/A
6960.223	-31.2	0	3	2	PK	66.06	68.20	2.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11583.917	-47.7	0	3	2	PK	49.56	74.00	24.44	--	Pass
	-47.99		3	2	AV	49.27	54.00	4.73	Note 3	Pass
14188.304	-44.51	0	3	2	PK	52.75	68.20	15.45	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac (HT20) CH44, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

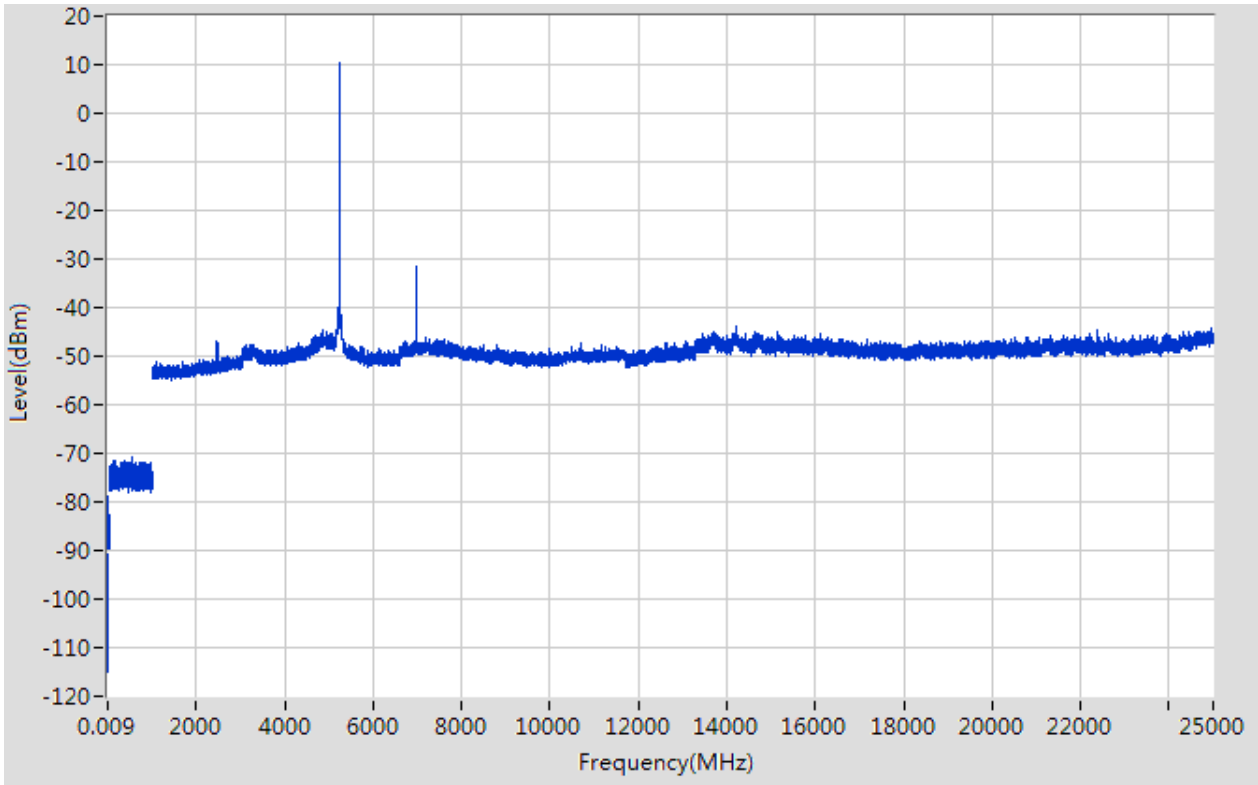
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac (HT20) CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-90.71	6	3	2	QP	12.55	68.20	55.65	Note 2	Pass
0.22	-78.94	6	3	2	QP	24.32	68.20	43.88	Note 2	Pass
558.665	-70.58	4.7	3	2	QP	31.38	68.20	36.82	Note 2	Pass
5237.848	10.36	0	3	2	PK	107.62	N/A	N/A	Note 1	N/A
	10.07		3	2	AV	107.33	N/A	N/A		N/A
6987.23	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10710.293	-47.38	0	3	2	PK	49.88	74.00	24.12	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14193.304	-43.98	0	3	2	PK	53.28	68.20	14.92	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac (HT20) CH48, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

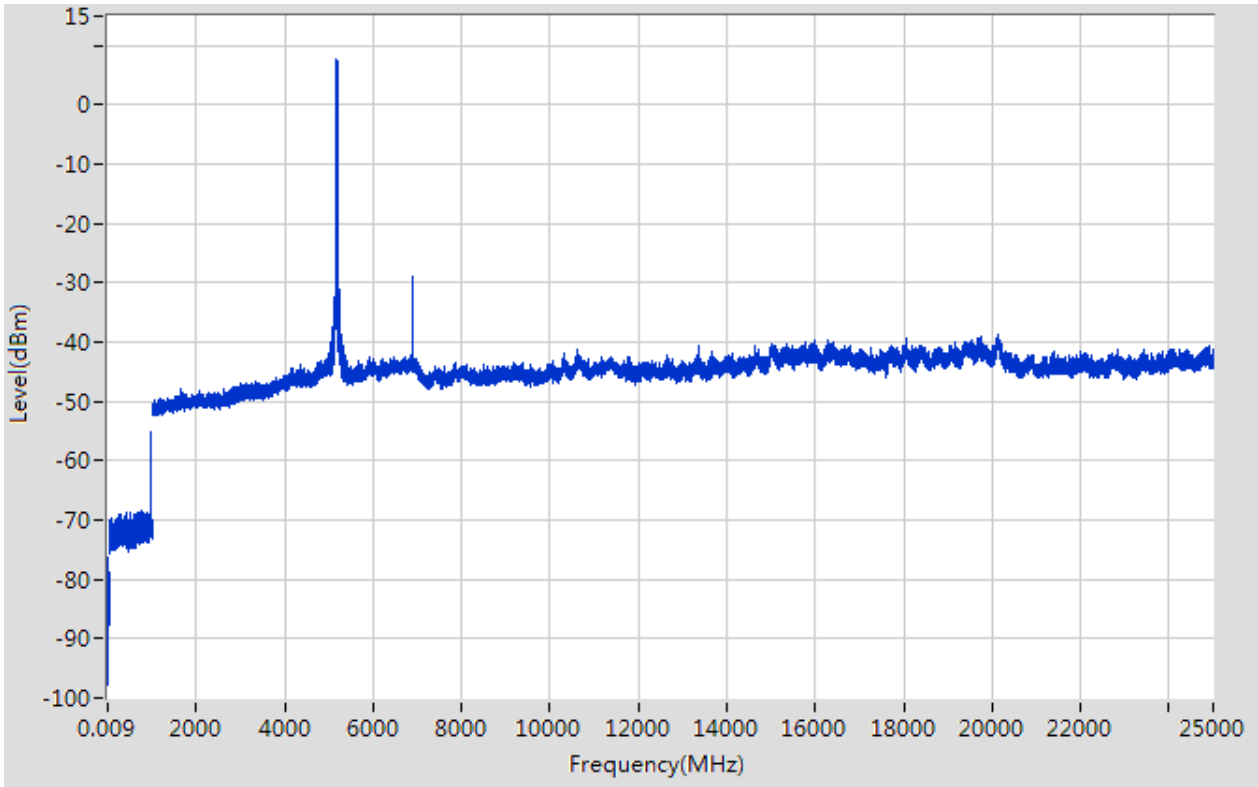
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac(HT40) CH38

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.015017	-84.59	6	3	2	QP	18.67	68.20	49.53	Note 2	Pass
20.006652	-76.32	6	3	2	QP	26.94	68.20	41.26	Note 2	Pass
974.597381	-55.15	4.7	3	2	QP	46.81	74.00	27.19	Note 2	Pass
5175.84	7.81	0	3	2	PK	105.07	N/A	N/A	Note 1	N/A
	6.42		3	2	AV	103.68	N/A	N/A		N/A
6906.21	-29.86	0	3	2	PK	67.40	68.20	0.80	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10636.24	-43.10	0	3	2	PK	54.16	74.00	19.84	--	Pass
	-44.49		3	2	AV	52.77	54.00	1.23	Note 3	Pass
20126.63	-38.61	0	3	2	PK	58.65	74.00	15.35	--	Pass
	-53.27		3	2	AV	43.987574 91	54	10.01	Note 3	N/A

Test Plots

Band I 11ac(HT40) CH38, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

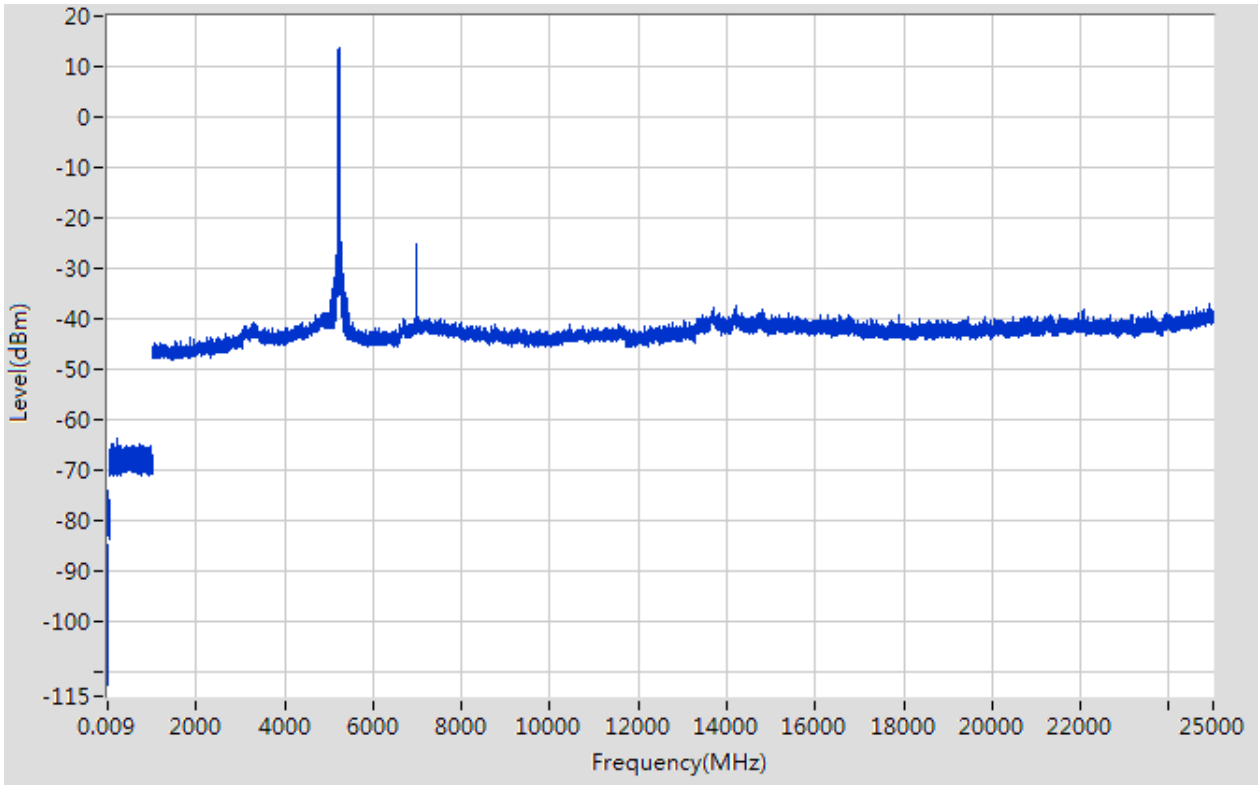
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac(HT40) CH46

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-84.87	6	3	2	QP	18.39	68.20	49.81	Note 2	Pass
0.22	-74.16	6	3	2	QP	29.10	68.20	39.10	Note 2	Pass
558.665	-64	4.7	3	2	QP	37.96	68.20	30.24	Note 2	Pass
5237.848	13.68	0	3	2	PK	110.94	N/A	N/A	Note 1	N/A
	13.39		3	2	AV	110.65	N/A	N/A		N/A
6987.23	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10710.293	-41.19	0	3	2	PK	56.07	74.00	17.93	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
14193.304	-37.06	0	3	2	PK	60.20	68.20	8.00	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 ac (HT40) CH46, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

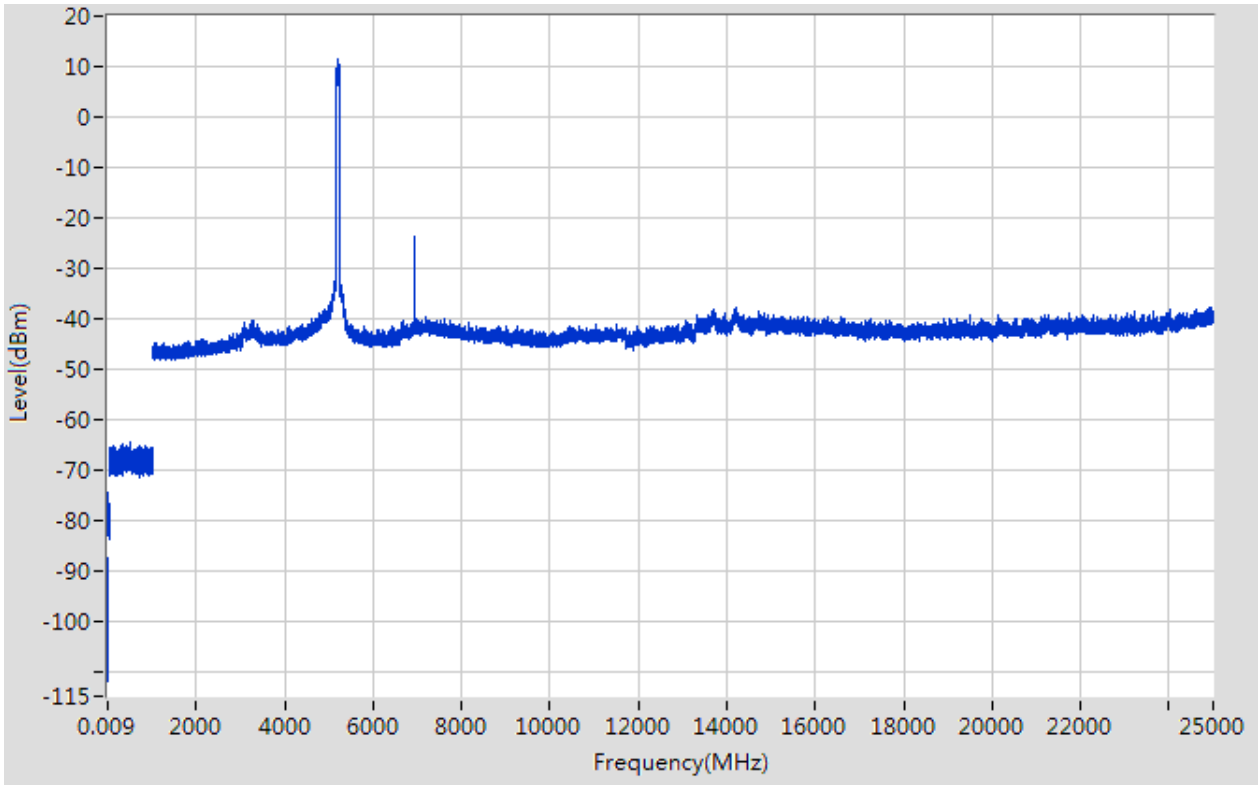
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac(HT80) CH42

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-87.46	6	3	2	QP	15.80	68.20	52.40	Note 2	Pass
0.54	-74.55	6	3	2	QP	28.71	68.20	39.49	Note 2	Pass
495.357	-64.54	4.7	3	2	QP	37.42	68.20	30.78	Note 2	Pass
5197.84	11.43	0	3	2	PK	108.69	N/A	N/A	Note 1	N/A
	10.04		3	2	AV	107.30	N/A	N/A		N/A
6947.22	-29.86	0	3	2	PK	67.40	68.20	0.80	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11051.537	-43.08	0	3	2	PK	54.18	74.00	19.82	--	Pass
	-44.47		3	2	AV	52.79	54.00	1.21	Note 3	Pass
24968.994	-37.69	0	3	2	PK	59.57	68.20	8.63	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac(HT80) CH42, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

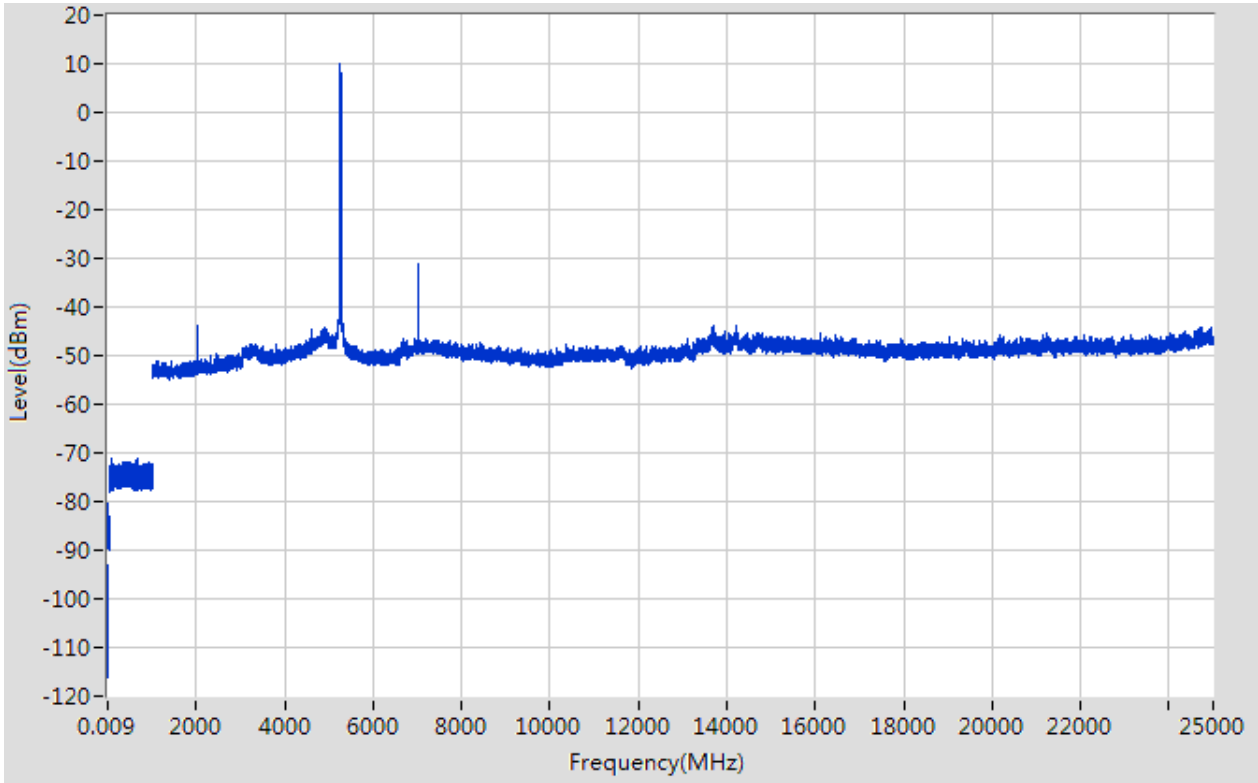
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11a CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-91.76	6	3	2	QP	11.50	68.20	56.70	Note 2	Pass
0.37	-78.8	6	3	2	QP	24.46	68.20	43.74	Note 2	Pass
856.81	-71.28	4.7	3	2	QP	30.68	68.20	37.52	Note 2	Pass
5301.86	9.99	0	3	2	PK	107.25	N/A	N/A	Note 1	N/A
	9.70		3	2	AV	106.96	N/A	N/A		N/A
7067.248	-31.47	0	3	2	PK	65.79	68.20	2.41	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11628.949	-47.25	0	3	2	PK	50.01	74.00	23.99	--	Pass
	-47.54		3	2	AV	49.72	54.00	4.28	Note 3	Pass
14192.304	-43.91	0	3	2	PK	53.35	68.20	14.85	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11a CH52, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

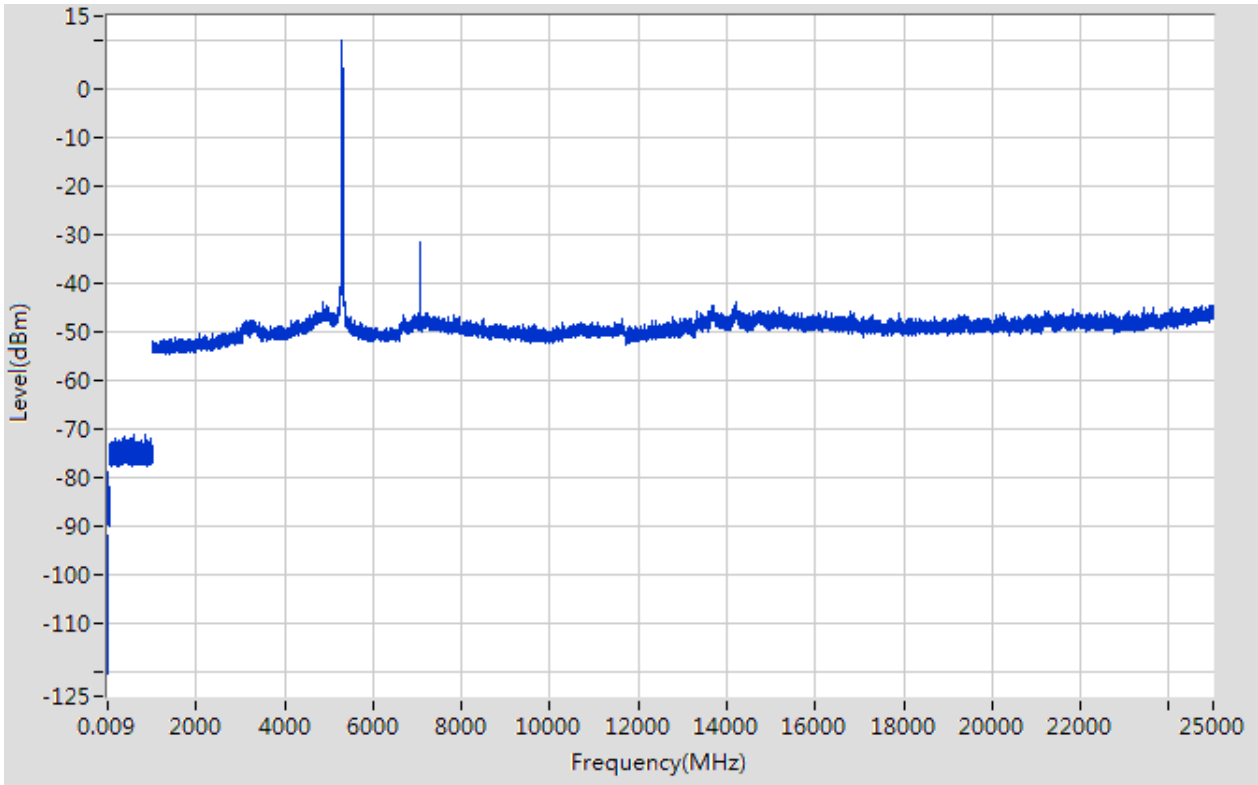
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11a CH60

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-91.76	6	3	2	QP	11.50	68.20	56.70	Note 2	Pass
0.37	-78.8	6	3	2	QP	24.46	68.20	43.74	Note 2	Pass
856.81	-71.28	4.7	3	2	QP	30.68	68.20	37.52	Note 2	Pass
5301.86	9.99	0	3	2	PK	107.25	N/A	N/A	Note 1	N/A
	9.70		3	2	AV	106.96	N/A	N/A		N/A
7067.248	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11628.949	-47.25	0	3	2	PK	50.01	74.00	23.99	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14192.304	-43.91	0	3	2	PK	53.35	68.20	14.85	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11a CH60, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

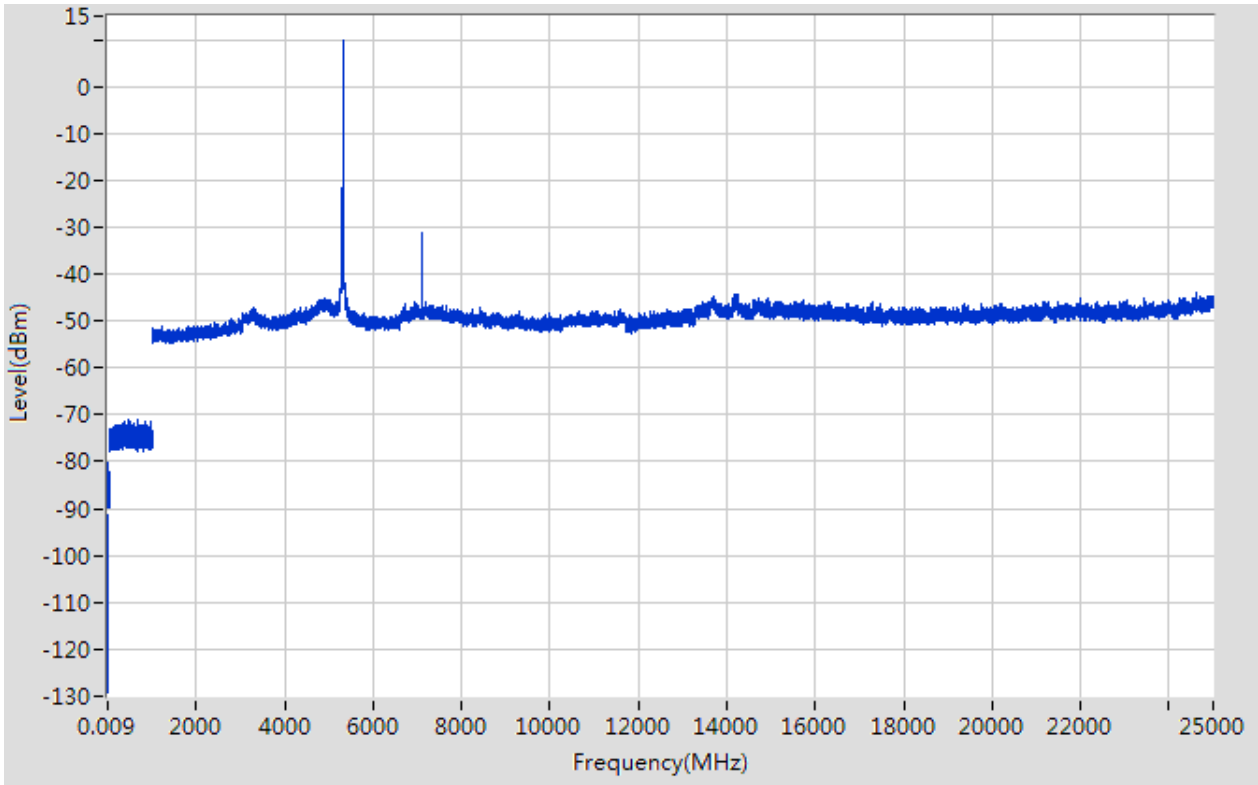
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11a CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.023	-91.41	6	3	2	QP	11.85	68.20	56.35	Note 2	Pass
0.18	-80.07	6	3	2	QP	23.19	68.20	45.01	Note 2	Pass
475.054	-71.23	4.7	3	2	QP	30.73	68.20	37.47	Note 2	Pass
5317.864	9.83	0	3	2	PK	107.09	N/A	N/A	Note 1	N/A
	9.54		3	2	AV	106.80	N/A	N/A		N/A
7093.254	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11598.928	-47.49	0	3	2	PK	49.77	74.00	24.23	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24614.925	-44	0	3	2	PK	53.26	68.20	14.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11a CH64, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

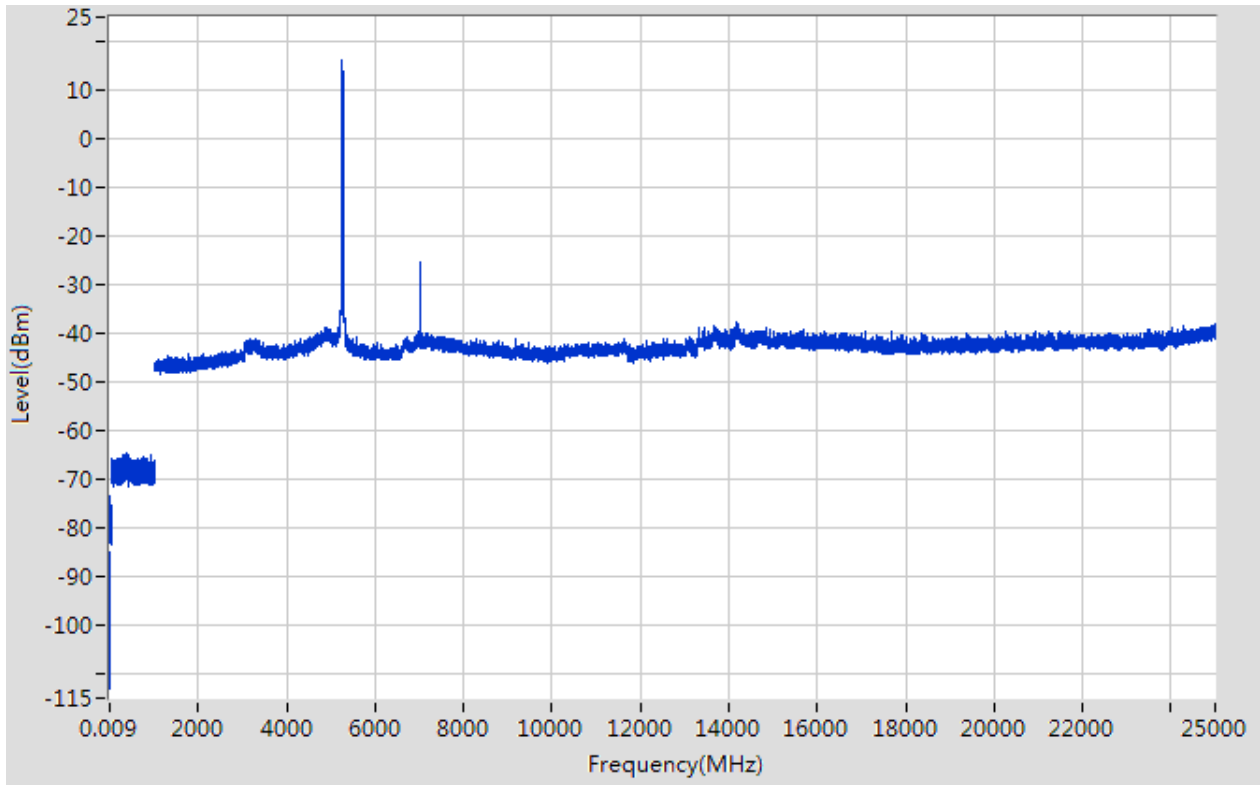
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11 n (HT20) CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-84.93	6	3	2	QP	18.33	68.20	49.87	Note 2	Pass
0.27	-73.51	6	3	2	QP	29.75	68.20	38.45	Note 2	Pass
392.844	-64.62	4.7	3	2	QP	37.34	68.20	30.86	Note 2	Pass
5258.852	16.2	0	3	2	PK	113.46	N/A	N/A	Note 1	N/A
	14.81		3	2	AV	112.07	N/A	N/A		N/A
7013.236	-29.35	0	3	2	PK	67.91	68.20	0.29	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11641.959	-43.16	0	3	2	PK	54.10	74.00	19.90	--	Pass
	-44.55		3	2	AV	52.71	54.00	1.29	Note 3	Pass
14159.3	-37.88	0	3	2	PK	59.38	68.20	8.82	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT20) CH52, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

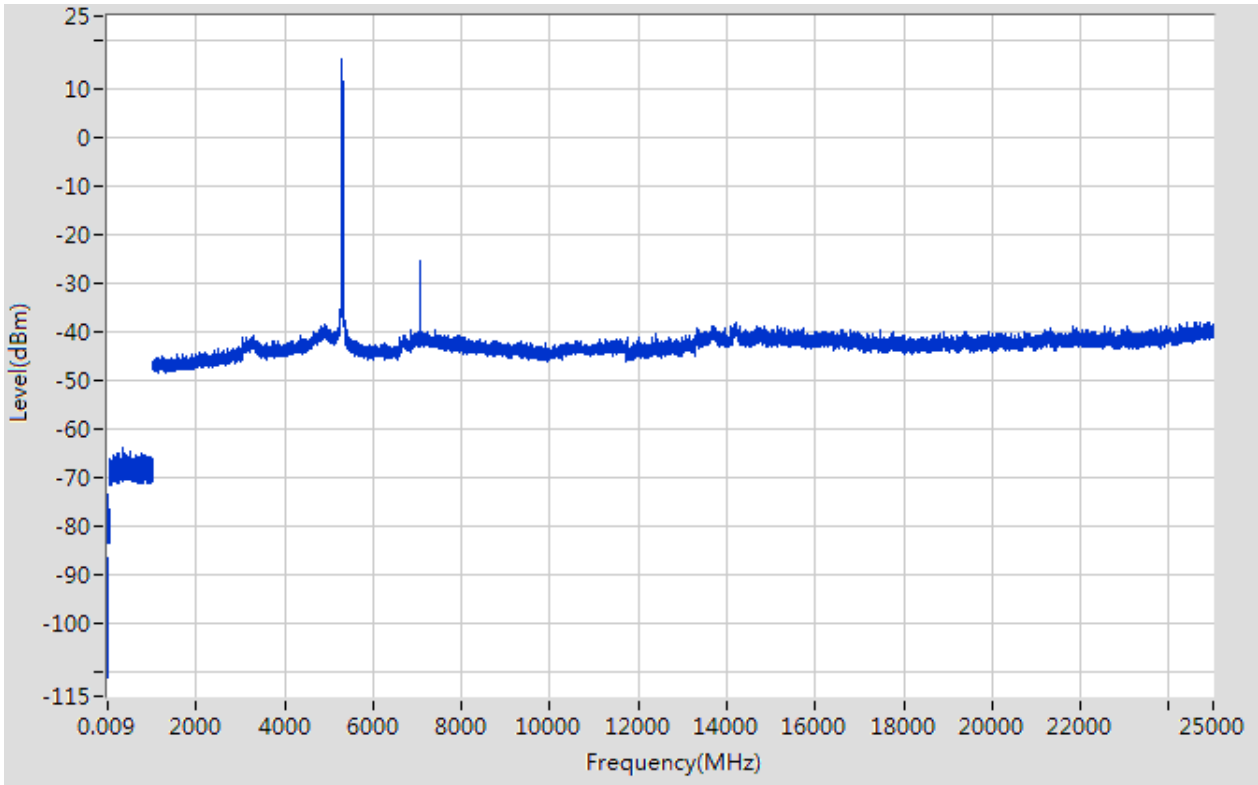
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11 n (HT20) CH60

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.015	-86.7	6	3	2	QP	16.56	68.20	51.64	Note 2	Pass
0.27	-73.3	6	3	2	QP	29.96	68.20	38.24	Note 2	Pass
327.136	-64	4.7	3	2	QP	37.96	46.00	8.04	Note 2	Pass
5297.86	16.12	0	3	2	PK	113.38	N/A	N/A	Note 1	N/A
	15.83		3	2	AV	113.09	N/A	N/A		N/A
7067.248	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11610.936	-41.38	0	3	2	PK	55.88	74.00	18.12	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
24589.92	-37.88	0	3	2	PK	59.38	68.20	8.82	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT20) CH60, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

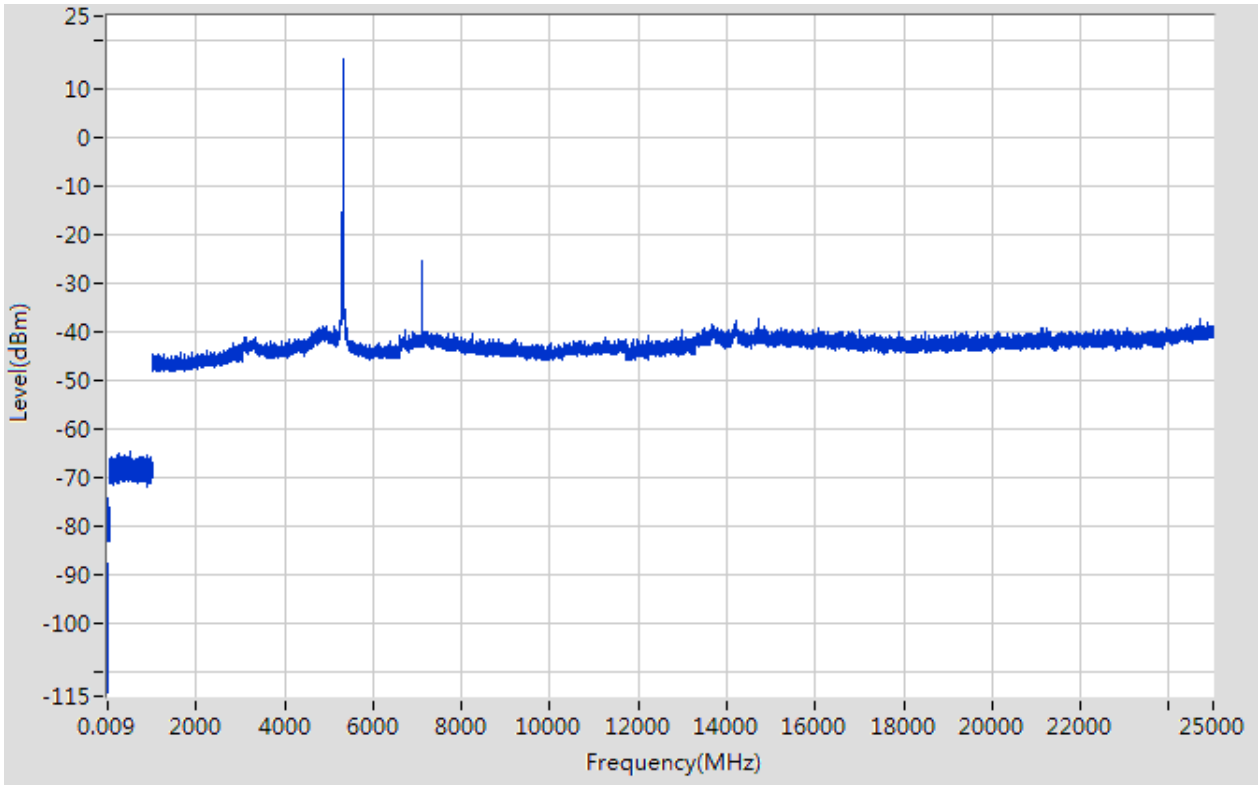
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11 n (HT20) CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-87.8	6	3	2	QP	15.46	68.20	52.74	Note 2	Pass
0.73	-74.18	6	3	2	QP	29.08	68.20	39.12	Note 2	Pass
497.957	-64.67	4.7	3	2	QP	37.29	68.20	30.91	Note 2	Pass
5317.864	16.14	0	3	2	PK	113.40	N/A	N/A	Note 1	N/A
	15.85		3	2	AV	113.11	N/A	N/A		N/A
7013.236	-29.5	0	3	2	PK	67.76	68.20	0.44	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11641.959	-43	0	3	2	PK	54.26	74.00	19.74	--	Pass
	-44.39		3	2	AV	52.87	54.00	1.13	Note 3	Pass
24718.945	-37.14	0	3	2	PK	60.12	68.20	8.08	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT20) CH64, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

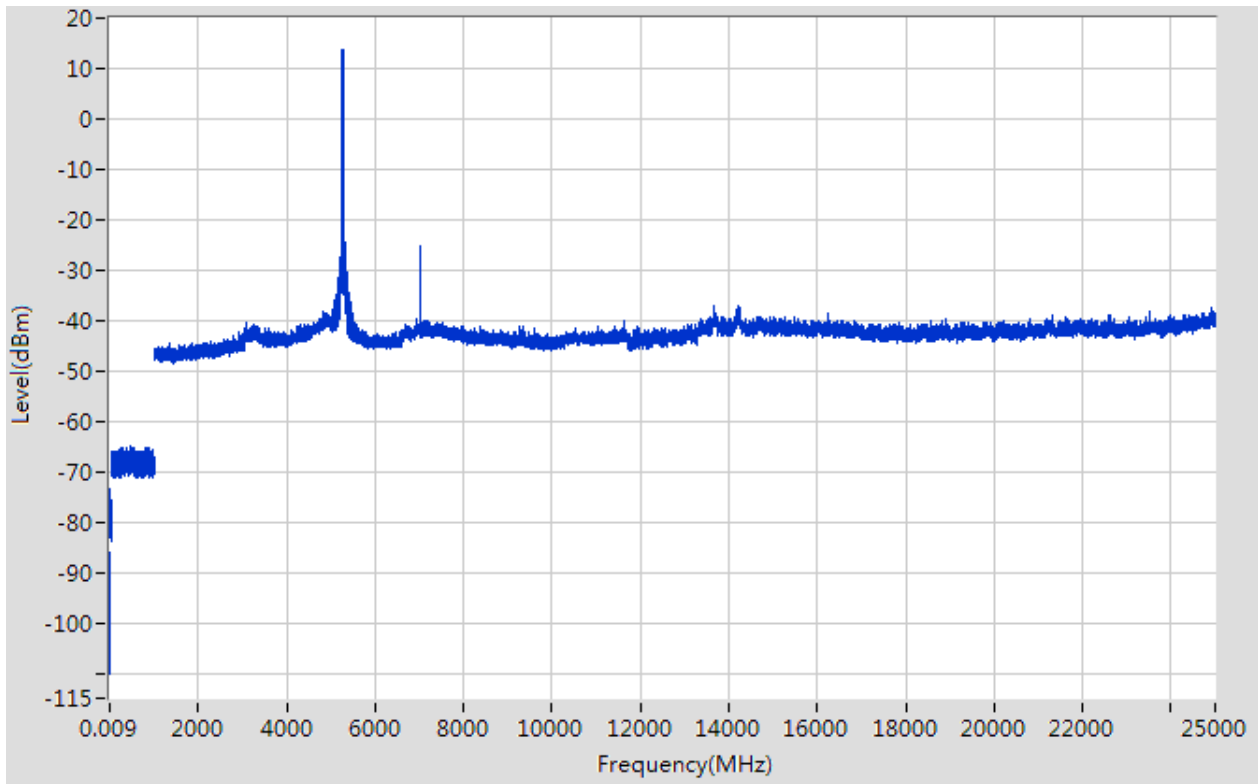
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11 n (HT40) CH54

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.011	-85.94	6	3	2	QP	17.32	68.20	50.88	Note 2	Pass
0.15	-73.29	6	3	2	QP	29.97	68.20	38.23	Note 2	Pass
466.753	-65.06	4.7	3	2	QP	36.90	68.20	31.30	Note 2	Pass
5274.855	13.84	0	3	2	PK	111.10	N/A	N/A	Note 1	N/A
	13.55		3	2	AV	110.81	N/A	N/A		N/A
7027.239	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11628.949	-40.18	0	3	2	PK	57.08	74.00	16.92	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
13666.24	-37.11	0	3	2	PK	60.15	68.20	8.05	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT40) CH54, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

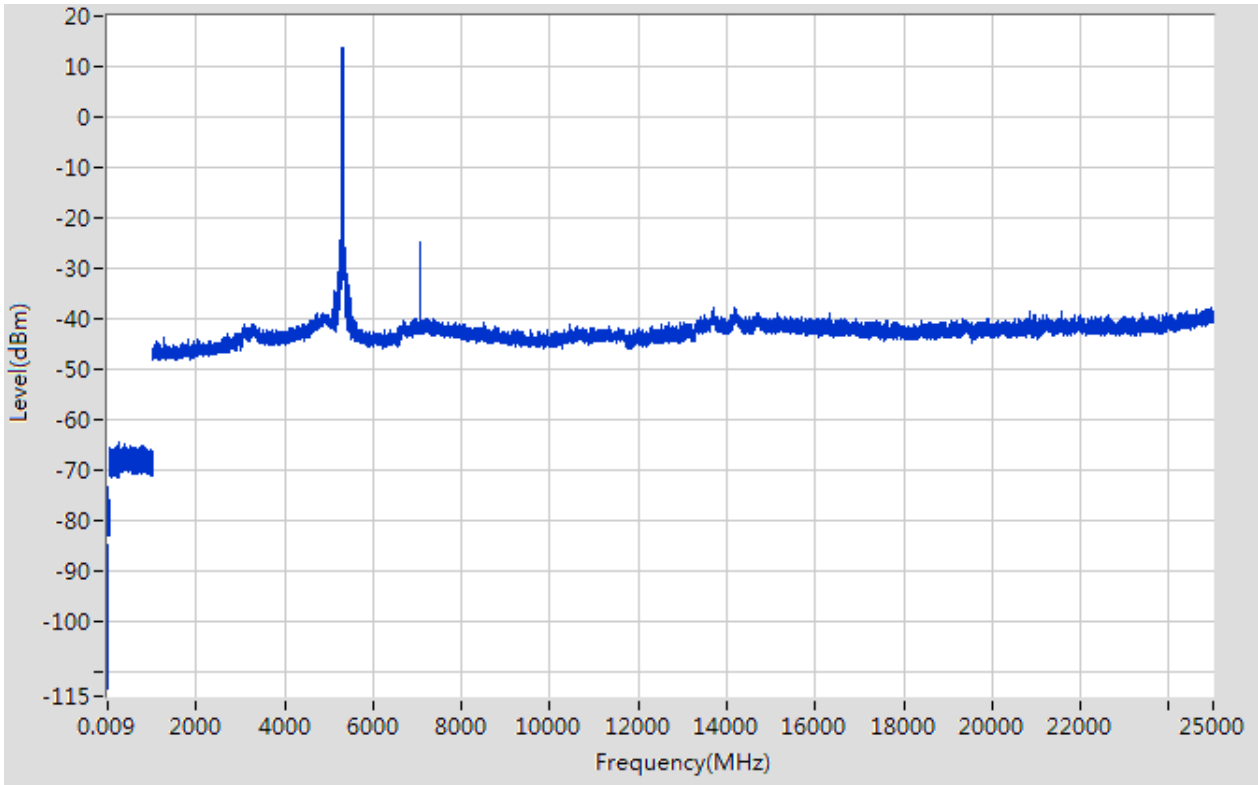
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11n (HT40) CH62

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-85.07	6	3	2	QP	18.19	68.20	50.01	Note 2	Pass
0.16	-73.53	6	3	2	QP	29.73	68.20	38.47	Note 2	Pass
256.528	-64.51	4.7	3	2	QP	37.45	46.00	8.55	Note 2	Pass
5312.863	13.53	0	3	2	PK	110.79	N/A	N/A	Note 1	N/A
	12.14		3	2	AV	109.40	N/A	N/A		N/A
7080.251	-29.89	0	3	2	PK	67.37	68.20	0.83	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10461.115	-41.34	0	3	2	PK	55.92	68.20	12.28	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
14182.303	-37.91	0	3	2	PK	59.35	68.20	8.85	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT40) CH62, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

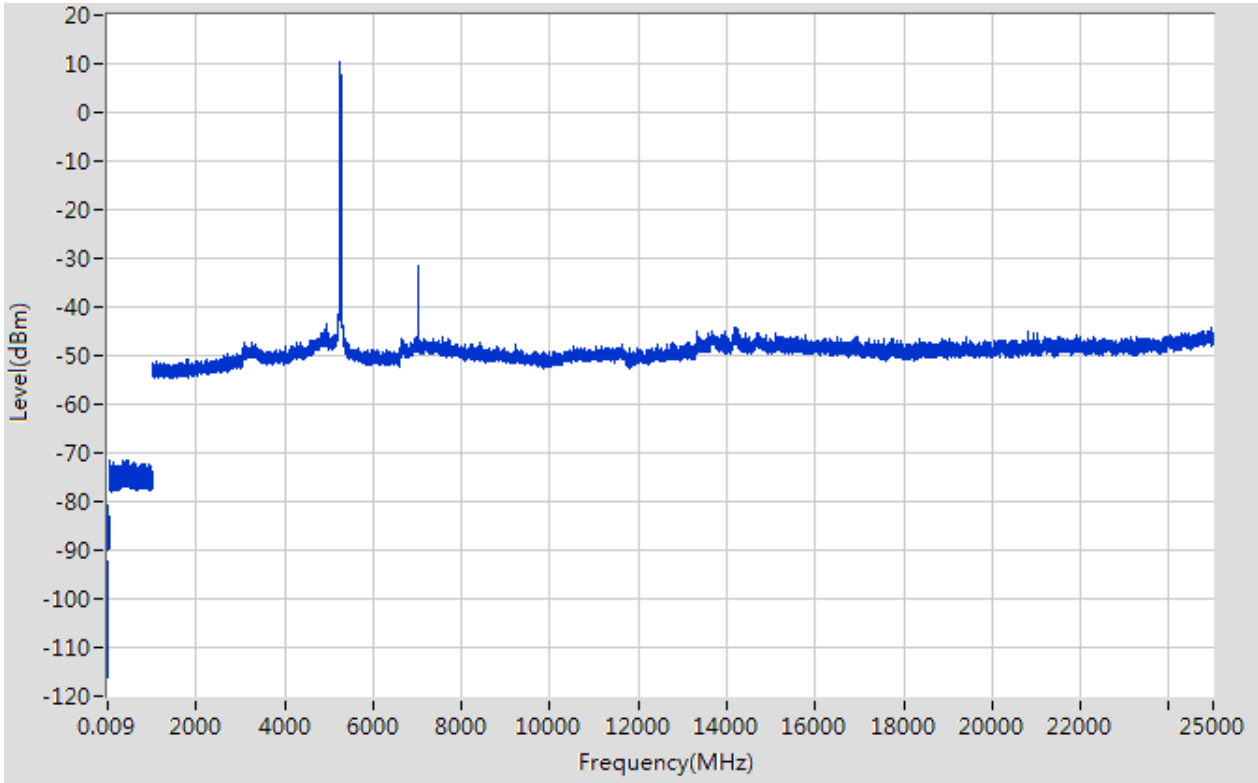
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac (HT20) CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.009	-92.73	6	3	2	QP	10.53	68.20	57.67	Note 2	Pass
0.24	-79.9	6	3	2	QP	23.36	68.20	44.84	Note 2	Pass
197.22	-70.46	4.7	3	2	QP	31.50	68.20	36.70	Note 2	Pass
5176.835	9.94	0	3	2	PK	107.20	N/A	N/A	Note 1	N/A
	9.65		3	2	AV	106.91	N/A	N/A		N/A
6906.211	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11152.609	-47.8	0	3	2	PK	49.46	74.00	24.54	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24343.872	-43.53	0	3	2	PK	53.73	68.20	14.47	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac (HT20) CH52, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

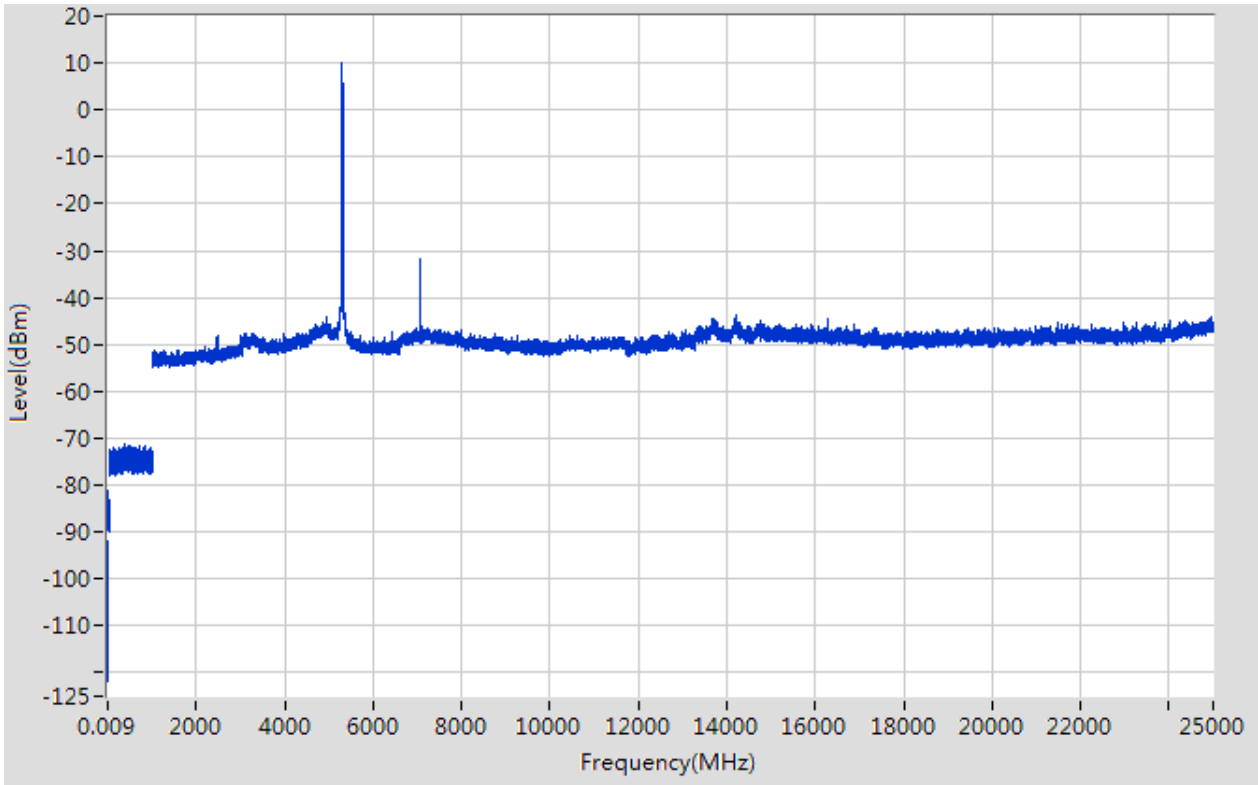
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac (HT20) CH60

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.014	-91.72	6	3	2	QP	11.54	68.20	56.66	Note 2	Pass
0.47	-80.14	6	3	2	QP	23.12	68.20	45.08	Note 2	Pass
330.137	-70.43	4.7	3	2	QP	31.53	46.00	14.47	Note 2	Pass
5217.844	10.14	0	3	2	PK	107.40	N/A	N/A	Note 1	N/A
	9.85		3	2	AV	107.11	N/A	N/A		N/A
6960.223	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11583.917	-47.7	0	3	2	PK	49.56	74.00	24.44	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	N/A
14188.304	-44.51	0	3	2	PK	52.75	68.20	15.45	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac (HT20) CH60, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

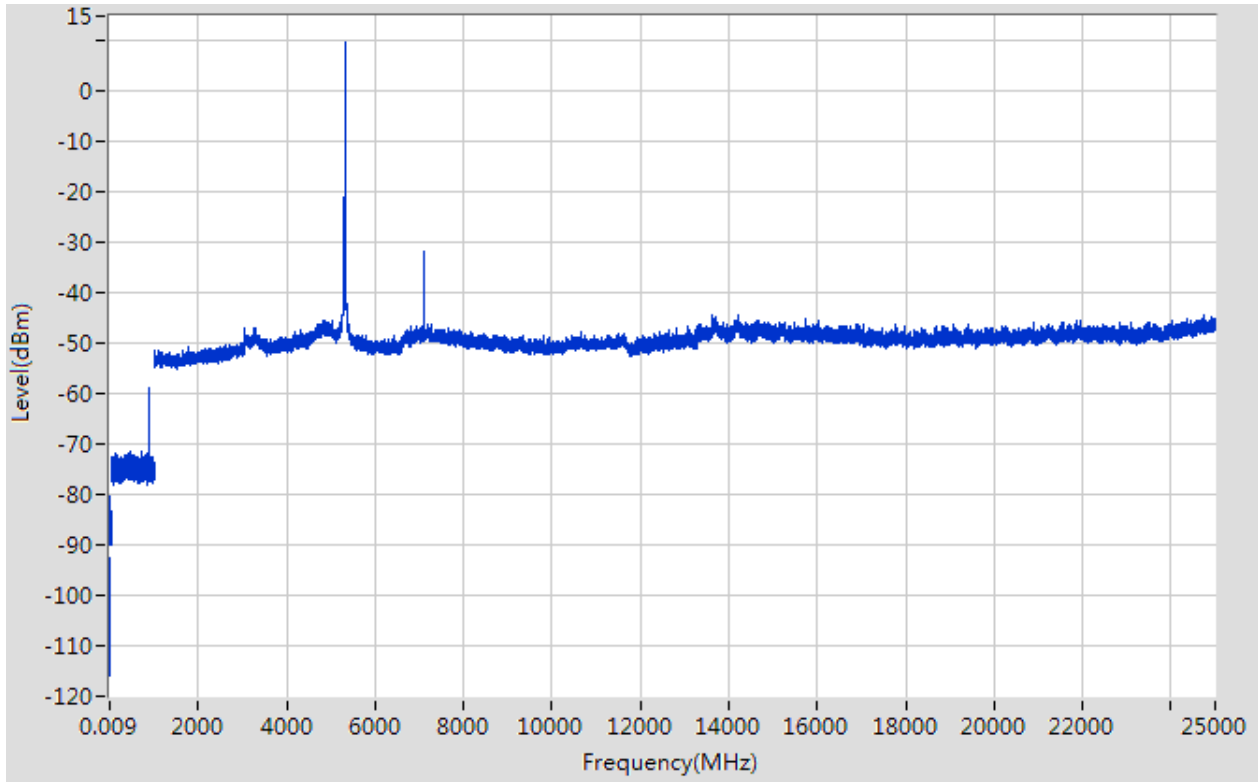
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac (HT20) CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-90.71	6	3	2	QP	12.55	68.20	55.65	Note 2	Pass
0.22	-78.94	6	3	2	QP	24.32	68.20	43.88	Note 2	Pass
558.665	-70.58	4.7	3	2	QP	31.38	68.20	36.82	Note 2	Pass
5237.848	10.36	0	3	2	PK	107.62	N/A	N/A	Note 1	N/A
	10.07		3	2	AV	107.33	N/A	N/A		N/A
6987.23	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10710.293	-47.38	0	3	2	PK	49.88	74.00	24.12	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14193.304	-43.98	0	3	2	PK	53.28	68.20	14.92	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac (HT20) CH64, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

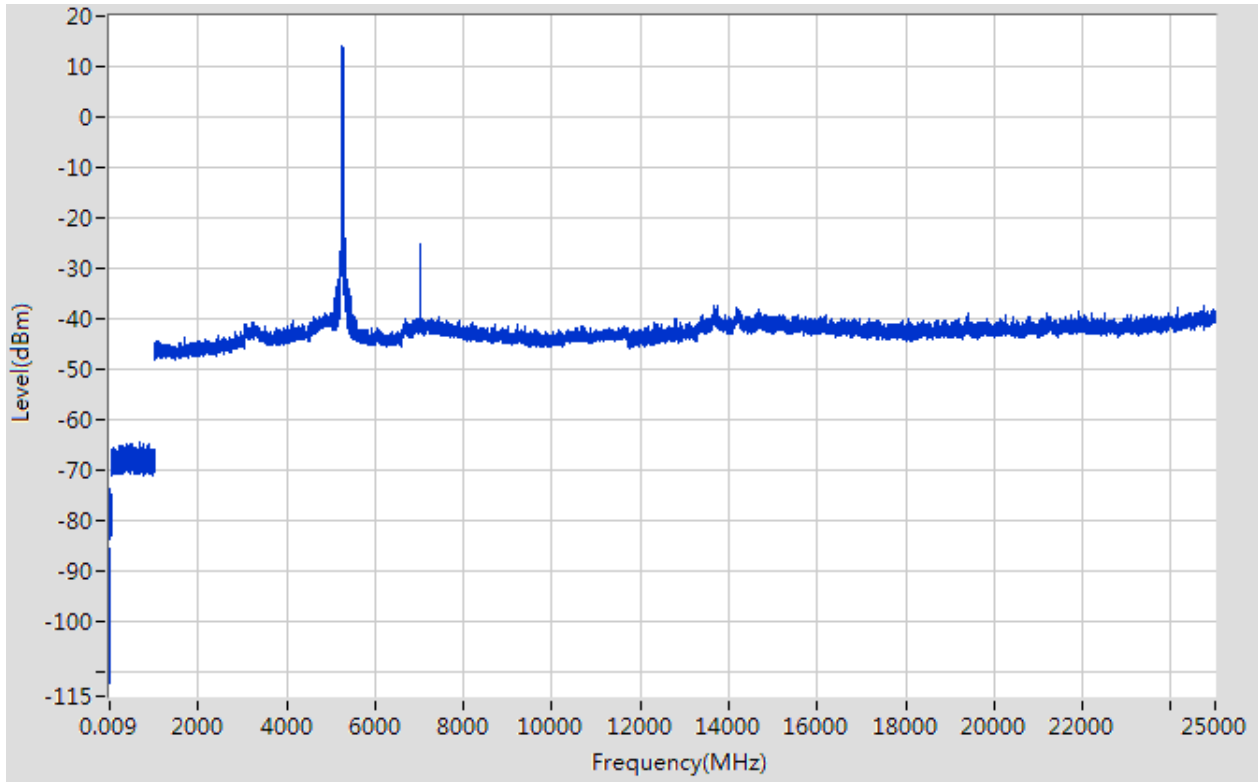
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac(HT40) CH54

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.009	-85.57	6	3	2	QP	17.69	68.20	50.51	Note 2	Pass
0.21	-73.97	6	3	2	QP	29.29	68.20	38.91	Note 2	Pass
681.079	-64.57	4.7	3	2	QP	37.39	68.20	30.81	Note 2	Pass
5265.853	14.19	0	3	2	PK	111.45	N/A	N/A	Note 1	N/A
	13.64		3	2	AV	110.90	N/A	N/A		N/A
7027.239	-29.22	0	3	2	PK	68.04	68.20	0.16	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10692.28	-43.96	0	3	2	PK	53.30	74.00	20.70	--	Pass
	-45.35		3	2	AV	51.91	54.00	2.09	Note 3	Pass
13680.242	-37.41	0	3	2	PK	59.85	68.20	8.35	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac(HT40) CH54, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

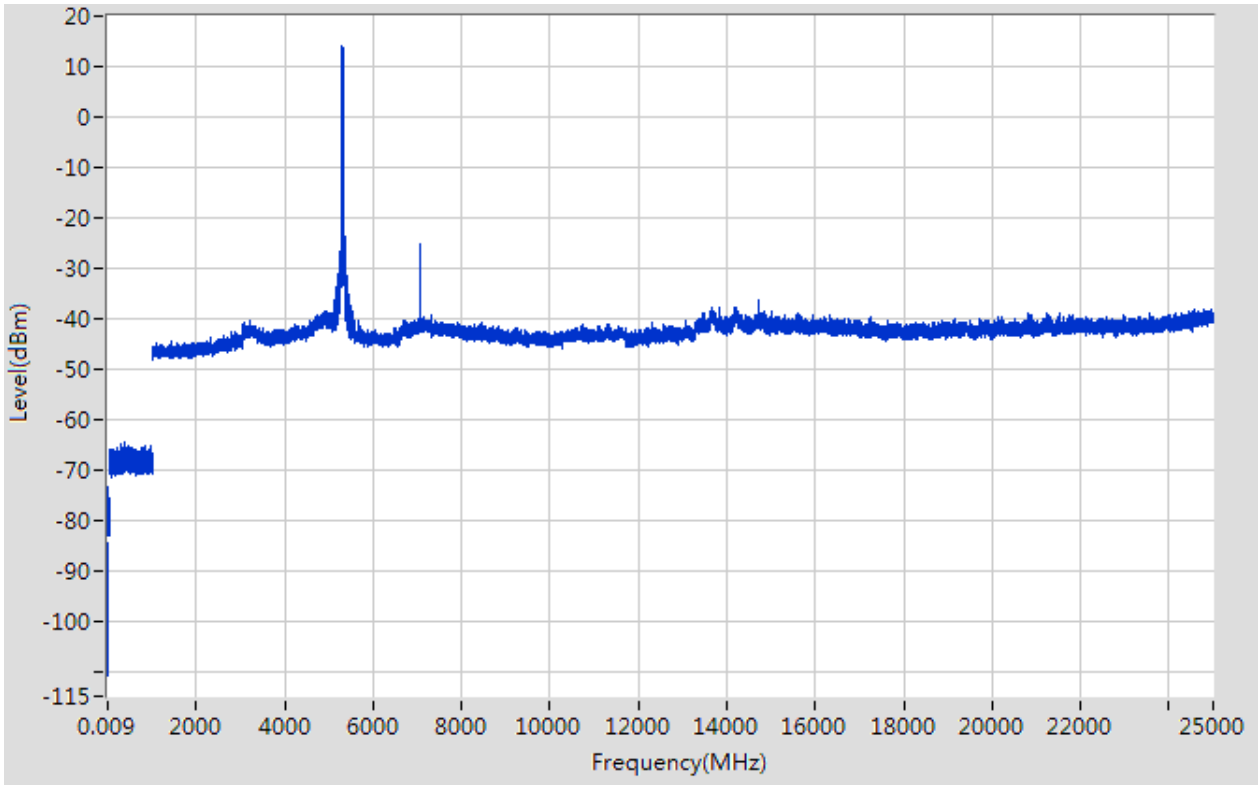
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac(HT40) CH62

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.009	-84.87	6	3	2	QP	18.39	68.20	49.81	Note 2	Pass
0.25	-74.16	6	3	2	QP	29.10	68.20	39.10	Note 2	Pass
213.622	-64	4.7	3	2	QP	37.96	68.20	30.24	Note 2	Pass
5234.847	13.68	0	3	2	PK	110.94	N/A	N/A	Note 1	N/A
	13.39		3	2	AV	110.65	N/A	N/A		N/A
6973.226	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11536.883	-41.19	0	3	2	PK	56.07	74.00	17.93	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
24929.986	-37.06	0	3	2	PK	60.20	68.20	8.00	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 ac (HT40) CH62, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

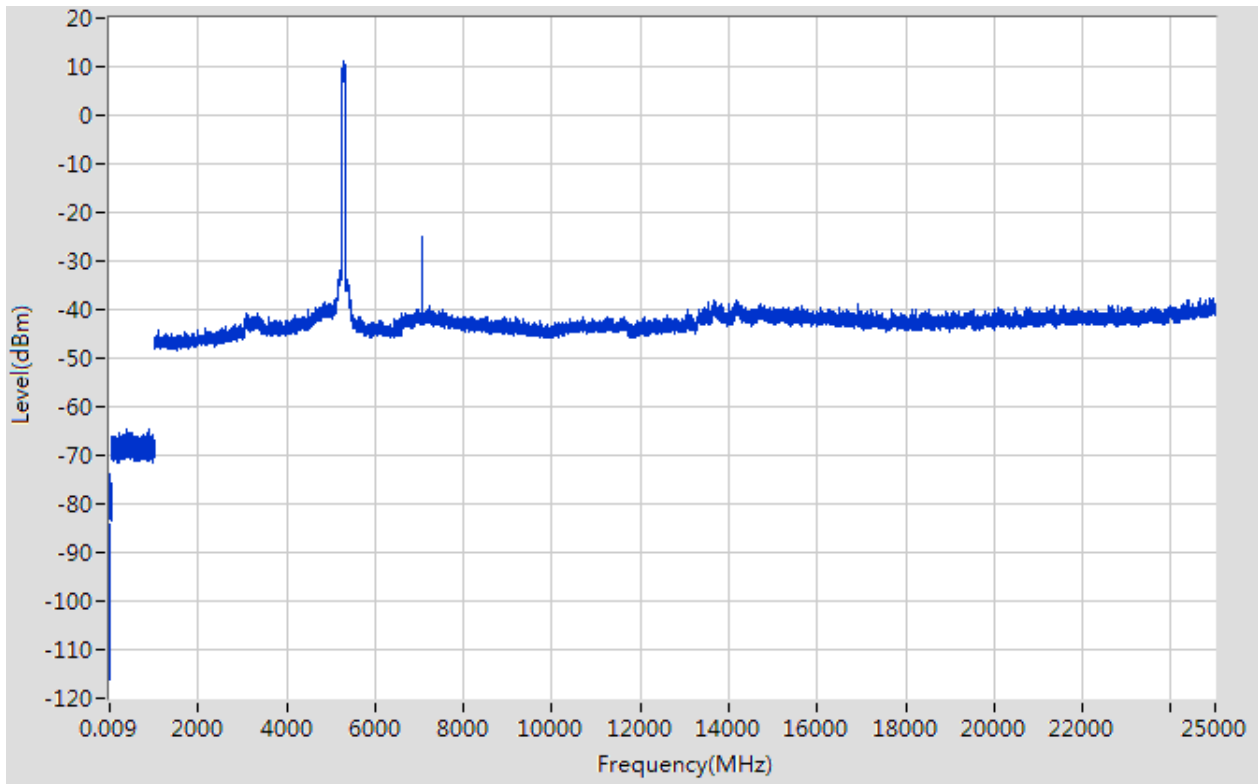
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac(HT80) CH58

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.015	-84.11	6	3	2	QP	19.15	68.20	49.05	Note 2	Pass
0.15	-73.67	6	3	2	QP	29.59	68.20	38.61	Note 2	Pass
875.735	-64.46	4.7	3	2	QP	37.50	68.20	30.70	Note 2	Pass
5286.857	11.04	0	3	2	PK	108.30	N/A	N/A	Note 1	N/A
	9.97		3	2	AV	107.22	N/A	N/A		N/A
7053.245	-29.81	0	3	2	PK	67.45	68.20	0.75	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10718.299	-43.49	0	3	2	PK	53.77	74.00	20.23	--	Pass
	-44.88		3	2	AV	52.38	54.00	1.62	Note 3	Pass
24678.937	-37.62	0	3	2	PK	59.64	68.20	8.56	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac(HT80) CH58, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

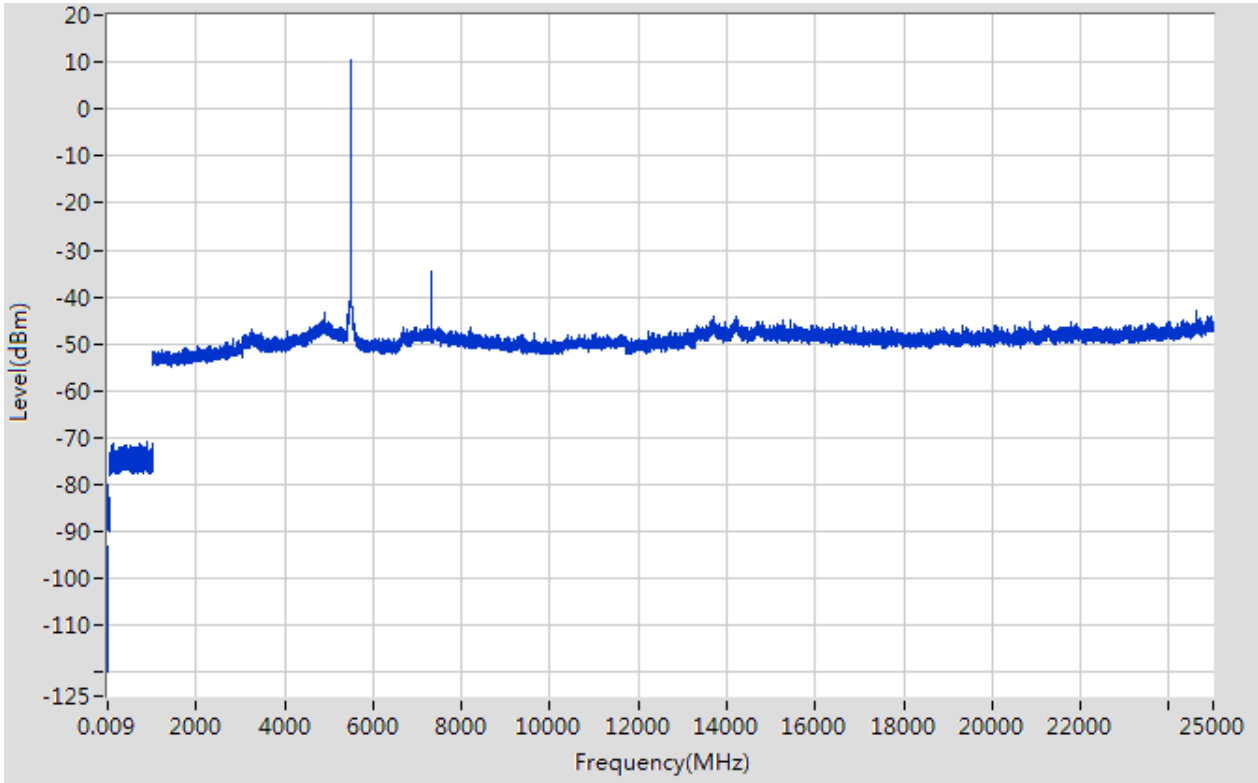
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11a CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.009	-93.01	6	3	2	QP	10.25	68.20	57.95	Note 2	Pass
0.59	-80.06	6	3	2	QP	23.20	68.20	45.00	Note 2	Pass
888.552	-70.96	4.7	3	2	QP	31.00	68.20	37.20	Note 2	Pass
5497.9	10.32	0	3	2	PK	107.58	N/A	N/A	Note 1	N/A
	10.03		3	2	AV	107.29	N/A	N/A		N/A
7333.31	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11039.528	-47.65	0	3	2	PK	49.61	74.00	24.39	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24631.928	-42.75	0	3	2	PK	54.51	68.20	13.69	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11a CH100, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

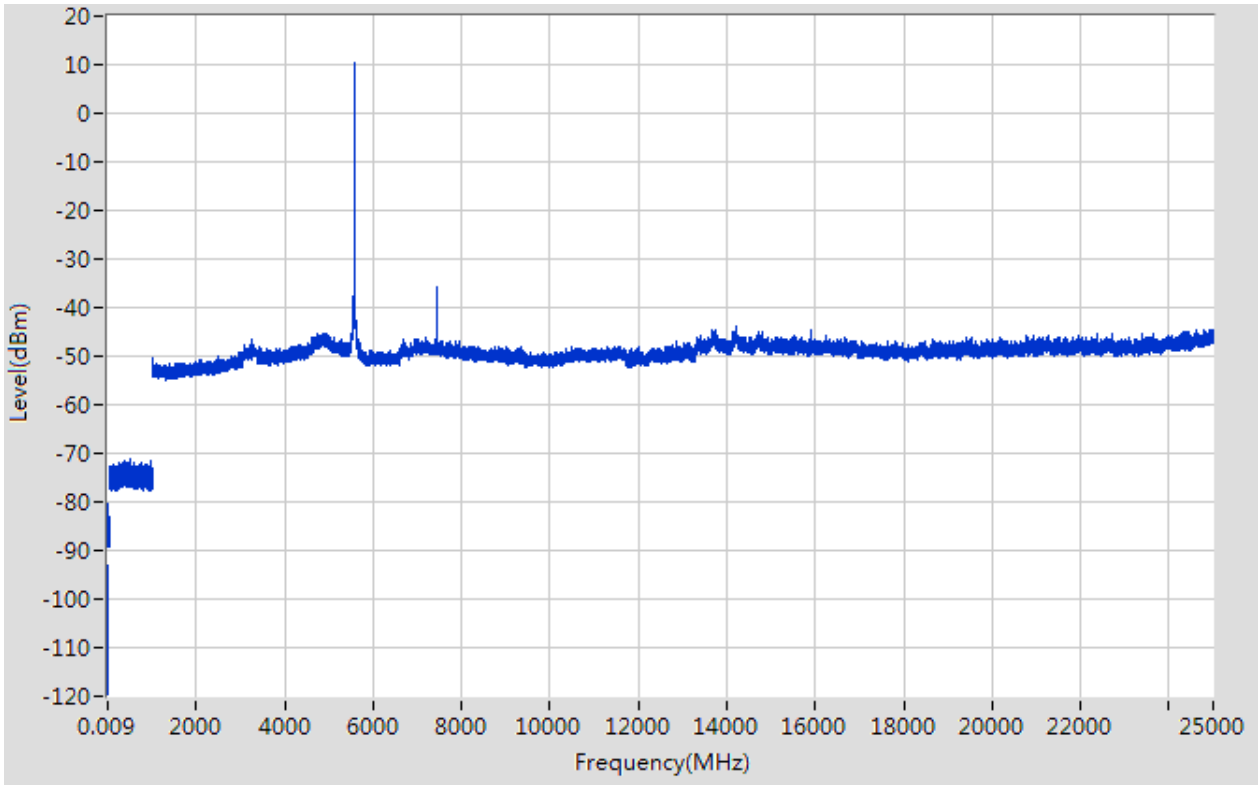
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11a CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.015	-92.98	6	3	2	QP	10.28	68.20	57.92	Note 2	Pass
0.21	-80.4	6	3	2	QP	22.86	68.20	45.34	Note 2	Pass
511.659	-71.25	4.7	3	2	QP	30.71	68.20	37.49	Note 2	Pass
5576.915	10.37	0	3	2	PK	107.63	N/A	N/A	Note 1	N/A
	8.98		3	2	AV	106.24	N/A	N/A		N/A
7440.335	-35.8	0	3	2	PK	61.46	74.00	12.54	--	Pass
	-51.76		3	2	AV	45.50	54.00	8.50	Note 3	N/A
11313.724	-47.92	0	3	2	PK	49.34	74.00	24.66	--	Pass
	-49.31		3	2	AV	47.95	54.00	6.05	Note 3	Pass
14208.306	-43.90	0	3	2	PK	53.36	68.20	14.84	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11a CH116, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

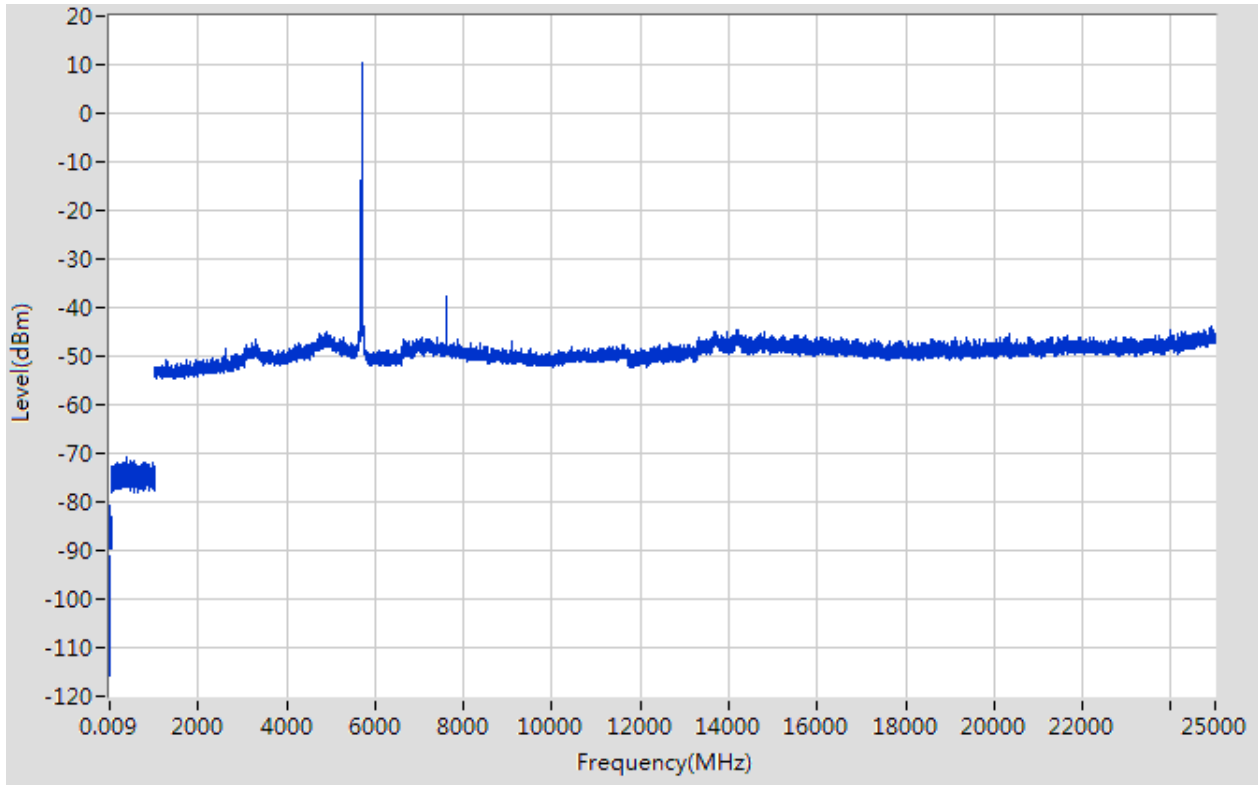
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11a CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-91.05	6	3	2	QP	12.21	68.20	55.99	Note 2	Pass
0.23	-80.85	6	3	2	QP	22.41	68.20	45.79	Note 2	Pass
359.74	-70.69	4.7	3	2	QP	31.27	68.20	36.93	Note 2	Pass
5696.939	10.22	0	3	2	PK	107.48	N/A	N/A	Note 1	N/A
	9.93		3	2	AV	107.19	N/A	N/A		N/A
7600.372	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11618.942	-47.54	0	3	2	PK	49.72	74.00	24.28	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24925.986	-43.95	0	3	2	PK	53.31	68.20	14.89	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11a CH140, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

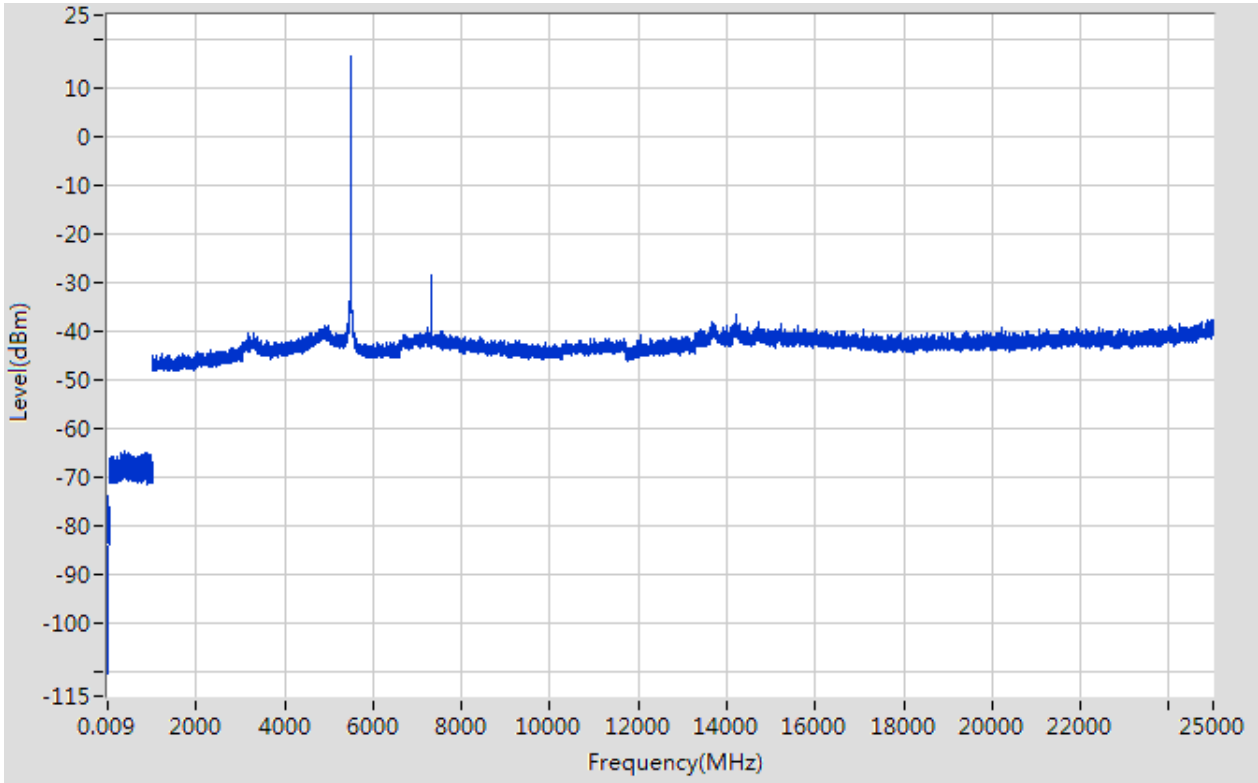
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11 n (HT20) CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-84.08	6	3	2	QP	19.18	68.20	49.02	Note 2	Pass
1.32	-73.82	6	3	2	QP	29.44	68.20	38.76	Note 2	Pass
370.242	-64.57	4.7	3	2	QP	37.39	68.20	30.81	Note 2	Pass
5497.9	16.4	0	3	2	PK	113.66	N/A	N/A	Note 1	N/A
	16.11		3	2	AV	113.37	N/A	N/A		N/A
7333.31	-28.51	0	3	2	PK	68.75	74.00	5.25	--	Pass
	-43.76		3	2	AV	53.50	54.00	0.50	Note 3	Pass
11319.728	-41.39	0	3	2	PK	55.87	74.00	18.13	--	Pass
	-56.27		3	2	AV	40.99	54.00	13.01	Note 3	Pass
14196.305	-36.62	0	3	2	PK	60.64	68.20	7.56	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT20) CH100, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

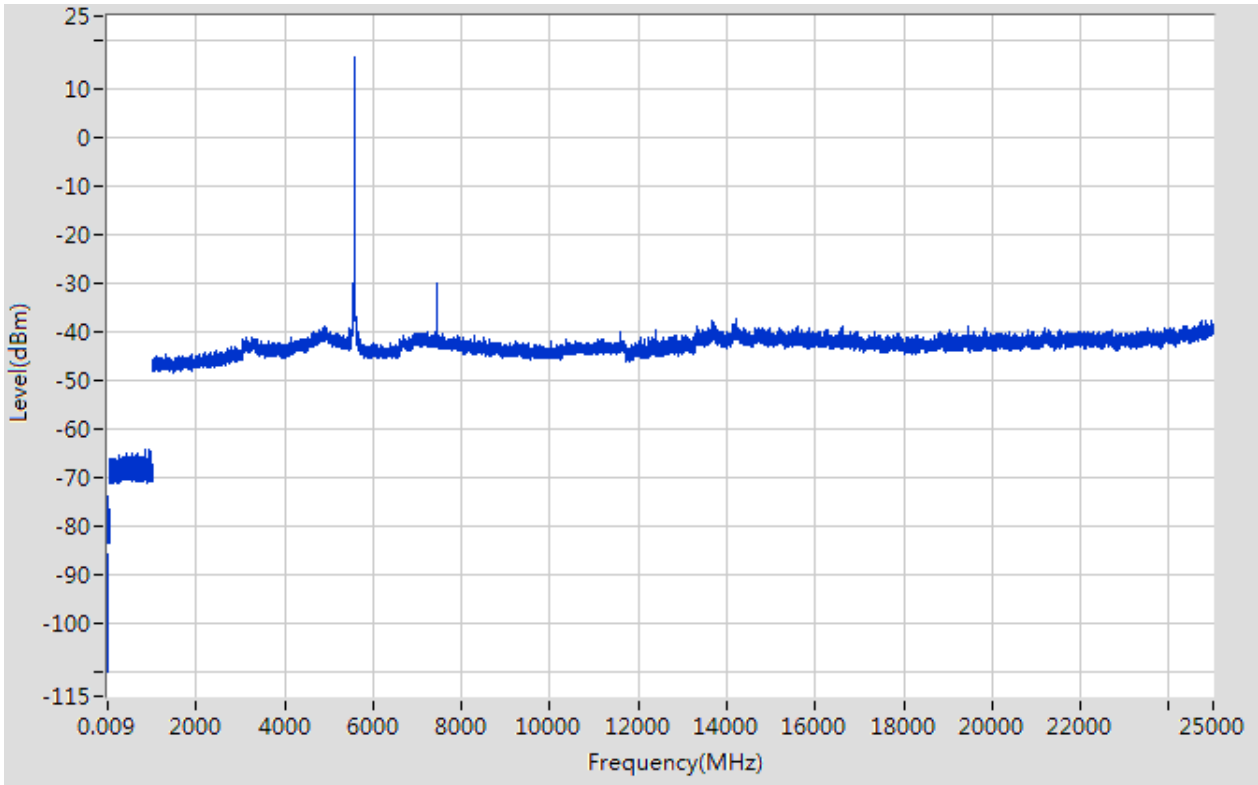
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11 n (HT20) CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-85.73	6	3	2	QP	17.53	68.20	50.67	Note 2	Pass
0.31	-73.69	6	3	2	QP	29.57	68.20	38.63	Note 2	Pass
940.121	-64.29	4.7	3	2	QP	37.67	68.20	30.53	Note 2	Pass
5578.916	16.44	0	3	2	PK	113.70	N/A	N/A	Note 1	N/A
	16.15		3	2	AV	113.41	N/A	N/A		N/A
7440.335	-31	0	3	2	PK	66.26	74.00	7.74	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11593.924	-39.89	0	3	2	PK	57.37	74.00	16.63	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
14195.305	-37.12	0	3	2	PK	60.14	68.20	8.06	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT20) CH116, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

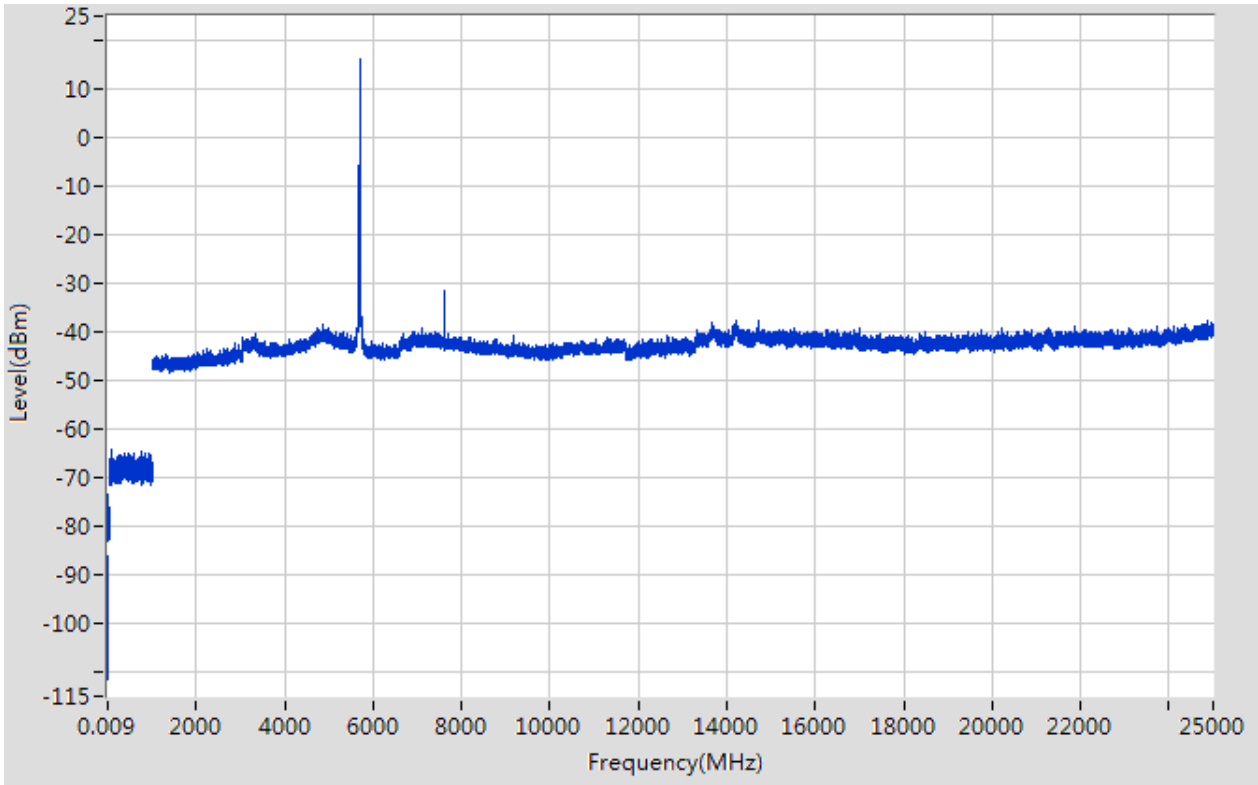
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11 n (HT20) CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.028	-86.27	6	3	2	QP	16.99	68.20	51.21	Note 2	Pass
0.18	-73.5	6	3	2	QP	29.76	68.20	38.44	Note 2	Pass
105.109	-64.31	4.7	3	2	QP	37.65	68.20	30.55	Note 2	Pass
5700.94	16.33	0	3	2	PK	113.59	N/A	N/A	Note 1	N/A
	16.04		3	2	AV	113.30	N/A	N/A		N/A
7600.372	-31.58	0	3	2	PK	65.68	74.00	8.32	--	Pass
	-46.37		3	2	AV	50.89	54.00	3.11	Note 3	Pass
11280.701	-41.21	0	3	2	PK	56.05	74.00	17.95	--	Pass
	-43.53		3	2	AV	53.73	54.00	0.27	Note 3	Pass
14225.308	-37.53	0	3	2	PK	59.73	68.20	8.47	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT20) CH140, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

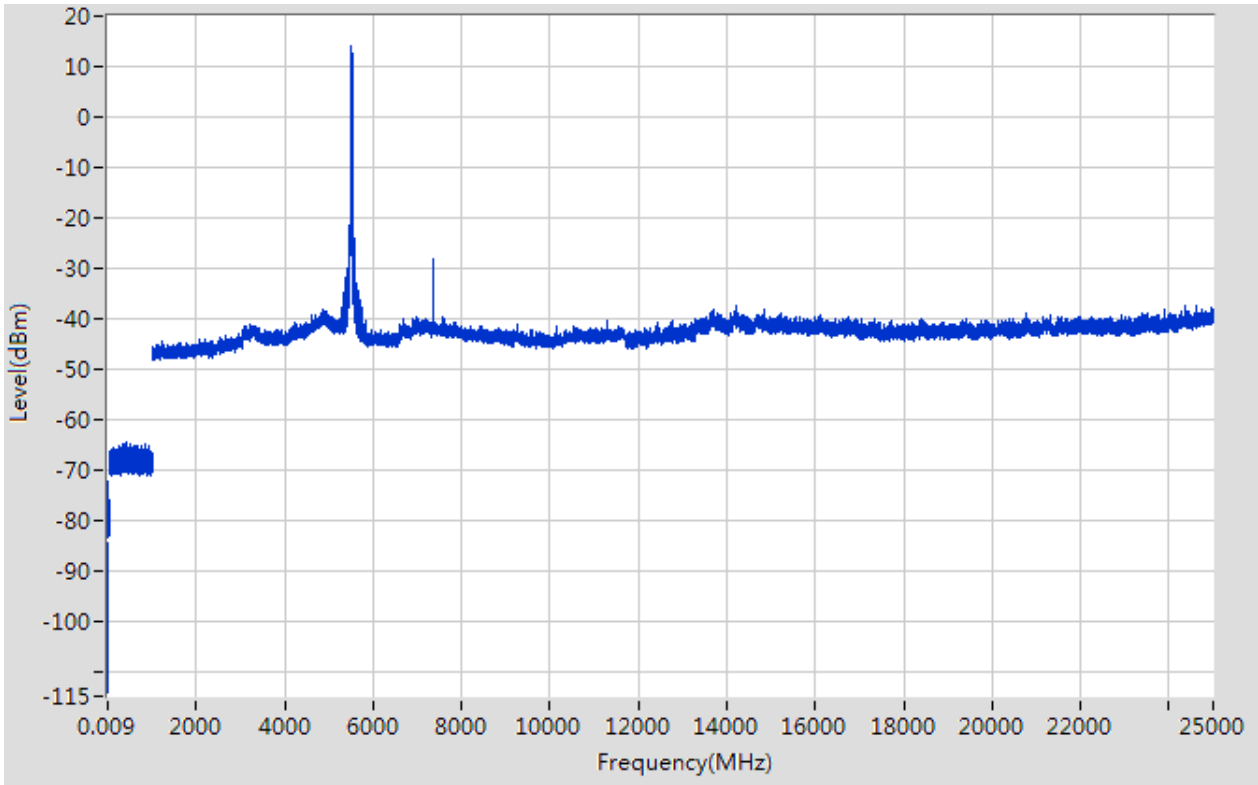
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11 n (HT40) CH102

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-84.62	6	3	2	QP	18.64	68.20	49.56	Note 2	Pass
0.26	-72.32	6	3	2	QP	30.94	68.20	37.26	Note 2	Pass
431.049	-64.62	4.7	3	2	QP	37.34	68.20	30.86	Note 2	Pass
5514.903	13.98	0	3	2	PK	111.24	N/A	N/A	Note 1	N/A
	13.69		3	2	AV	110.95	N/A	N/A		N/A
7346.313	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11285.704	-40.5	0	3	2	PK	56.76	74.00	17.24	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
14203.306	-37.46	0	3	2	PK	59.80	68.20	8.40	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT40) CH102, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

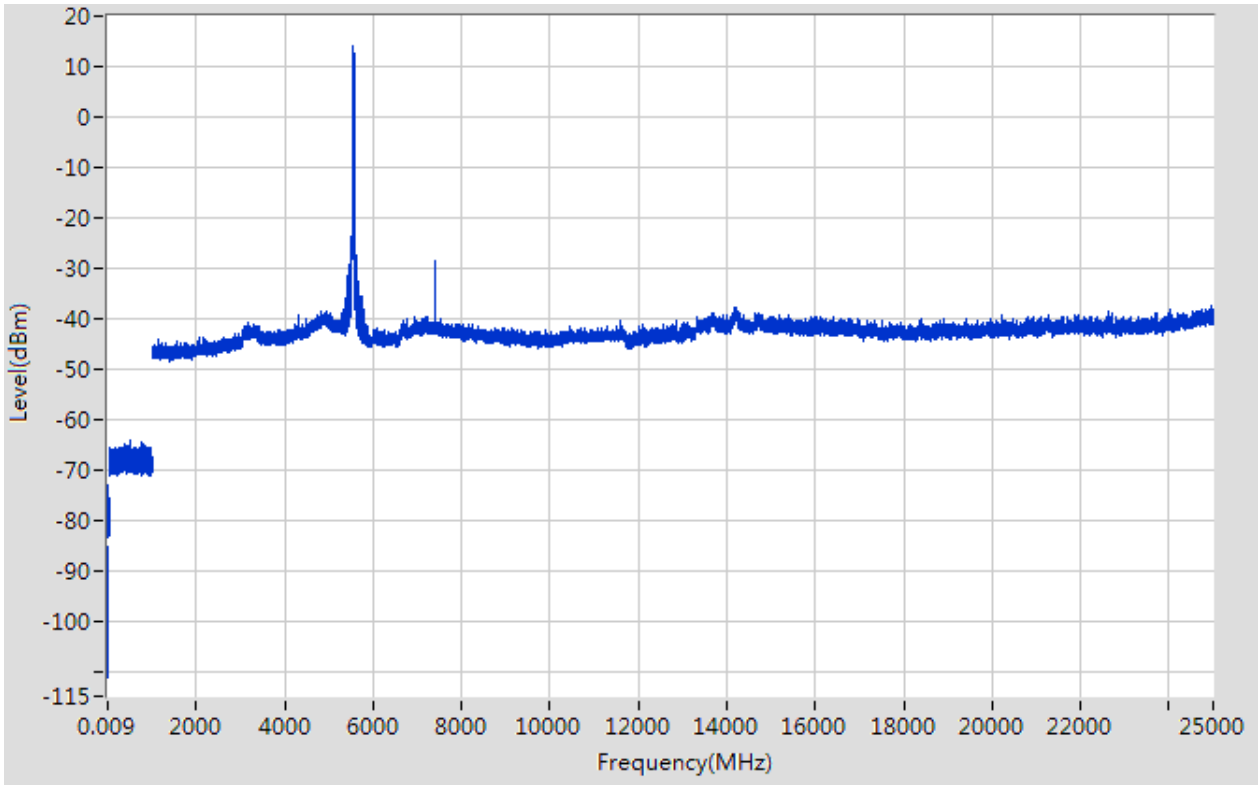
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11n (HT40) CH134

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.011	-85.19	6	3	2	QP	18.07	68.20	50.13	Note 2	Pass
0.22	-72.94	6	3	2	QP	30.32	68.20	37.88	Note 2	Pass
522.46	-64.26	4.7	3	2	QP	37.70	68.20	30.50	Note 2	Pass
5552.911	14.1	0	3	2	PK	111.36	N/A	N/A	Note 1	N/A
	13.81		3	2	AV	111.07	N/A	N/A		N/A
7400.326	-28.74	0	3	2	PK	68.52	74.00	5.48	--	Pass
	-43.34		3	2	AV	53.92	54.00	0.08	Note 3	Pass
11570.908	-40.48	0	3	2	PK	56.78	74.00	17.22	--	Pass
	-43.58		3	2	AV	53.68	54.00	0.32	Note 3	Pass
24958.992	-37.56	0	3	2	PK	59.70	68.20	8.50	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT40) CH134, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

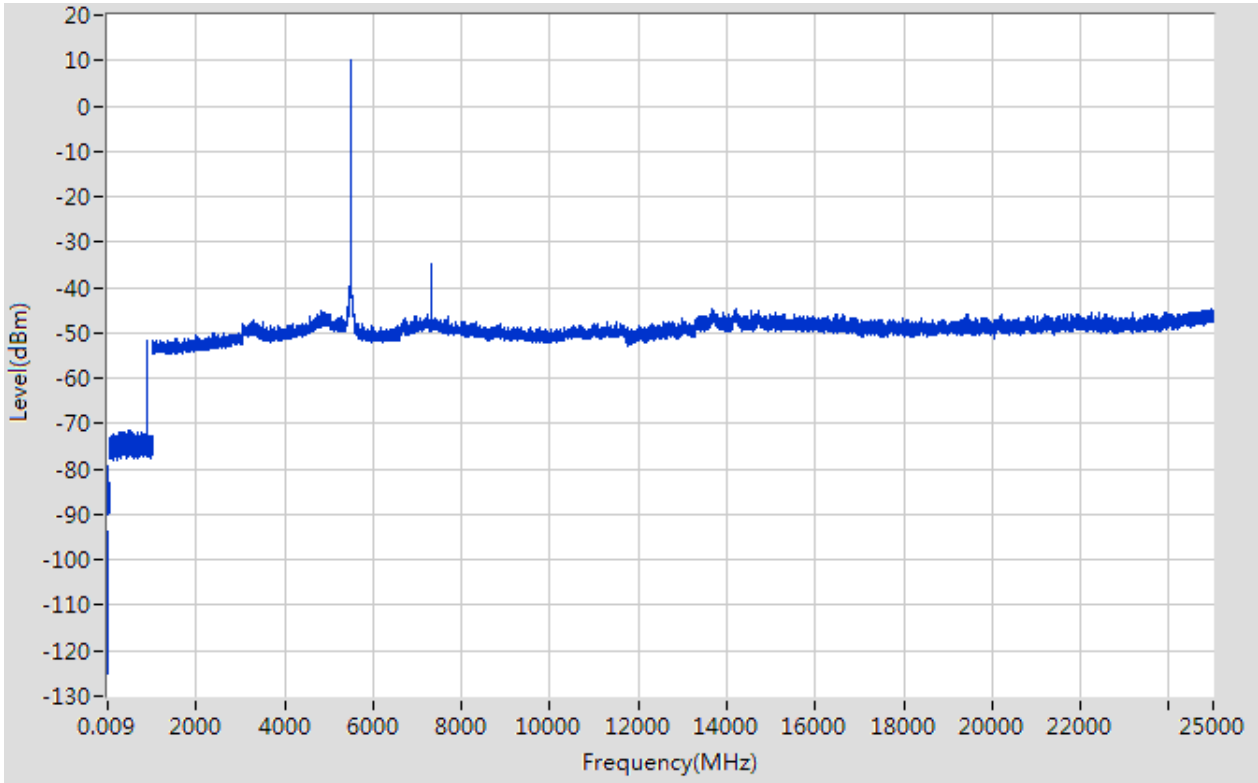
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac (HT20) CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-84.62	6	3	2	QP	18.64	68.20	49.56	Note 2	Pass
0.26	-72.32	6	3	2	QP	30.94	68.20	37.26	Note 2	Pass
431.049	-64.62	4.7	3	2	QP	37.34	68.20	30.86	Note 2	Pass
5514.903	13.98	0	3	2	PK	111.24	N/A	N/A	Note 1	N/A
	13.69		3	2	AV	110.95	N/A	N/A		N/A
7346.313	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11285.704	-40.5	0	3	2	PK	56.76	74.00	17.24	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
14203.306	-37.46	0	3	2	PK	59.80	68.20	8.40	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac (HT20) CH100, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

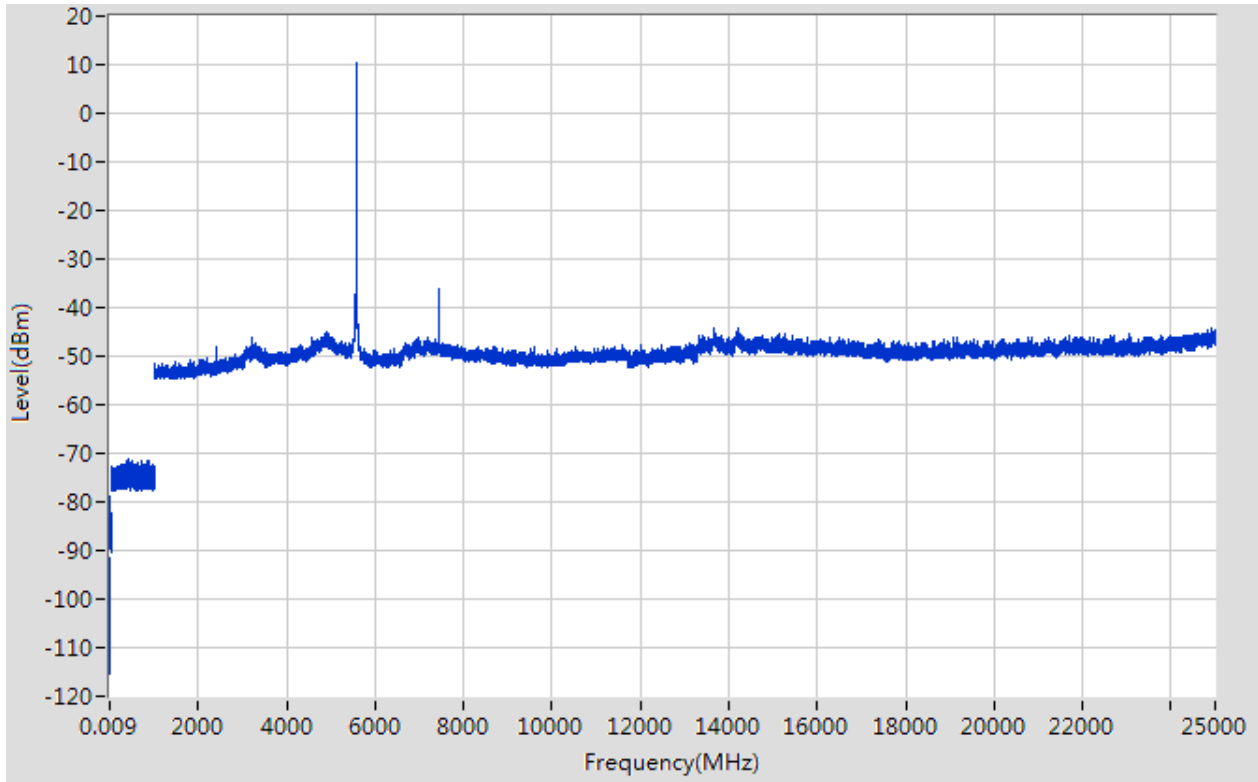
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac (HT20) CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.024	-91.63	6	3	2	QP	11.63	68.20	56.57	Note 2	Pass
0.18	-78.98	6	3	2	QP	24.28	68.20	43.92	Note 2	Pass
427.148	-71.3	4.7	3	2	QP	30.66	68.20	37.54	Note 2	Pass
5577.916	10.31	0	3	2	PK	107.57	N/A	N/A	Note 1	N/A
	9.73		3	2	AV	106.98	N/A	N/A		N/A
7440.335	-36.04	0	3	2	PK	61.22	74.00	12.78	--	Pass
	-51.14		3	2	AV	46.12	54.00	7.88	Note 3	Pass
11582.916	-47.6	0	3	2	PK	49.66	74.00	24.34	--	Pass
	-48.18		3	2	AV	49.07	54.00	4.93	Note 3	Pass
13669.24	-44.15	0	3	2	PK	53.11	68.20	15.09	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac (HT20) CH116, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

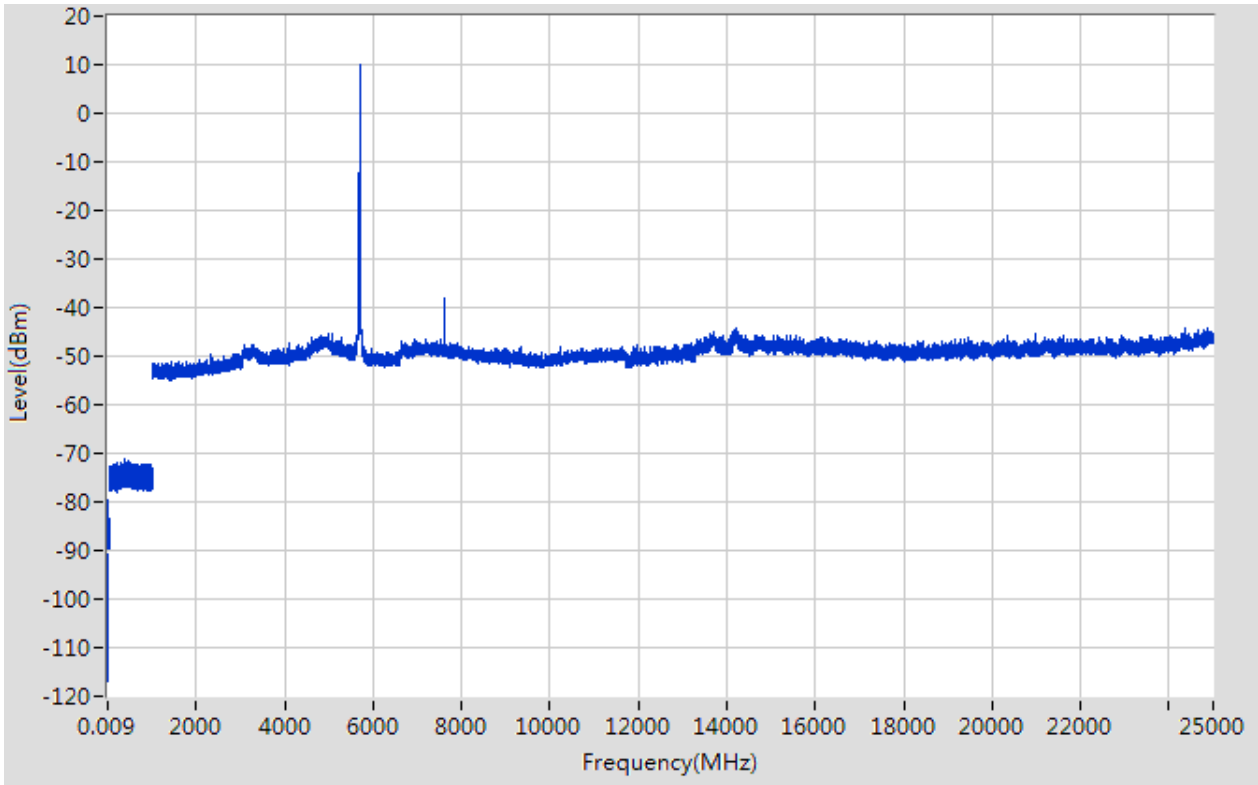
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac (HT20) CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.011	-85.19	6	3	2	QP	18.07	68.20	50.13	Note 2	Pass
0.22	-72.94	6	3	2	QP	30.32	68.20	37.88	Note 2	Pass
522.46	-64.26	4.7	3	2	QP	37.70	68.20	30.50	Note 2	Pass
5552.911	14.1	0	3	2	PK	111.36	N/A	N/A	Note 1	N/A
	13.81		3	2	AV	111.07	N/A	N/A		N/A
7400.326	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11570.908	-40.48	0	3	2	PK	56.78	74.00	17.22	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
24958.992	-37.56	0	3	2	PK	59.70	68.20	8.50	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac (HT20) CH140, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

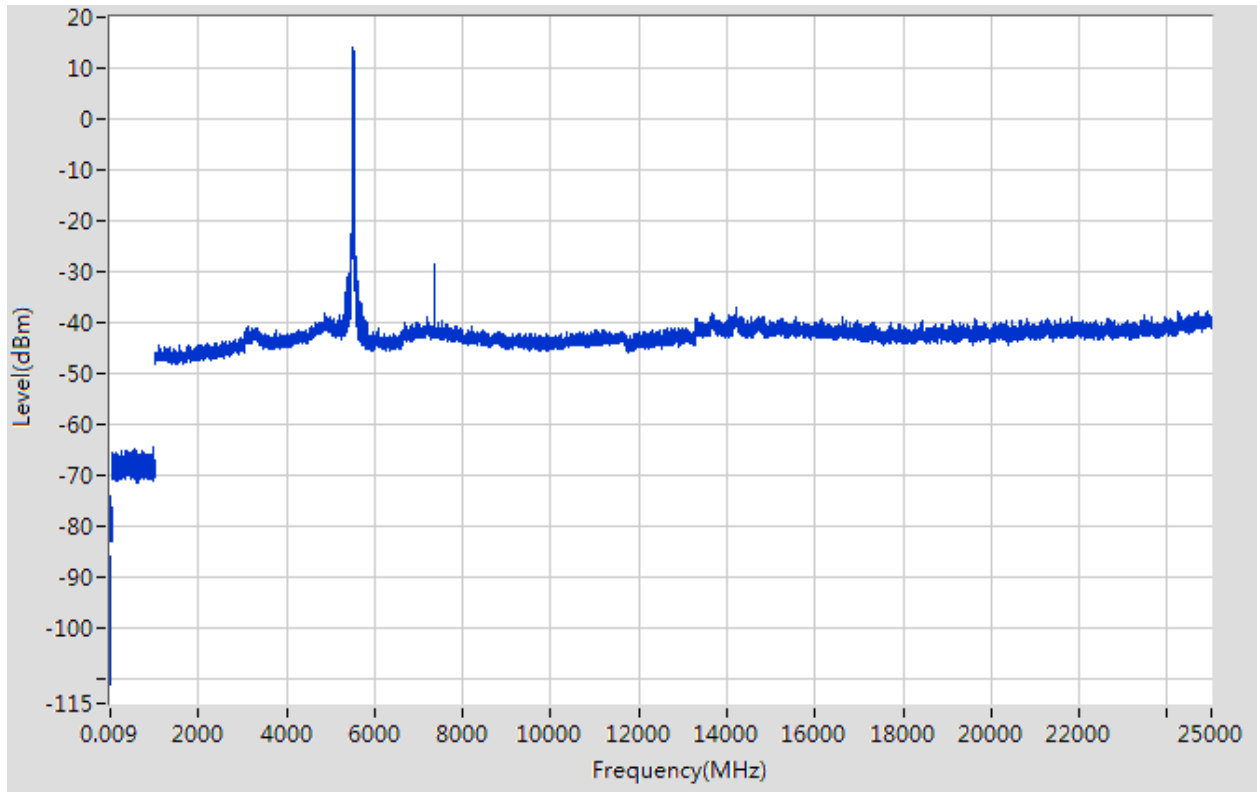
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac(HT40) CH102

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-86.05	6	3	2	QP	17.21	68.20	50.99	Note 2	Pass
1.851	-74.2	6	3	2	QP	29.06	68.20	39.14	Note 2	Pass
965.254	-64.49	4.7	3	2	QP	37.47	74.00	36.53	Note 2	Pass
5507.902	14.04	0	3	2	PK	111.30	N/A	N/A	Note 1	N/A
	13.49		3	2	AV	110.75	N/A	N/A		N/A
7346.313	-28.52	0	3	2	PK	68.74	74.00	5.26	--	Pass
	-43.34		3	2	AV	53.92	54.00	0.08	Note 3	Pass
11169.621	-41.47	0	3	2	PK	55.79	74.00	18.21	--	Pass
	-44.76		3	2	AV	52.50	54.00	1.50	Note 3	Pass
14194.304	-36.96	0	3	2	PK	60.30	68.20	7.90	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac(HT40) CH102, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

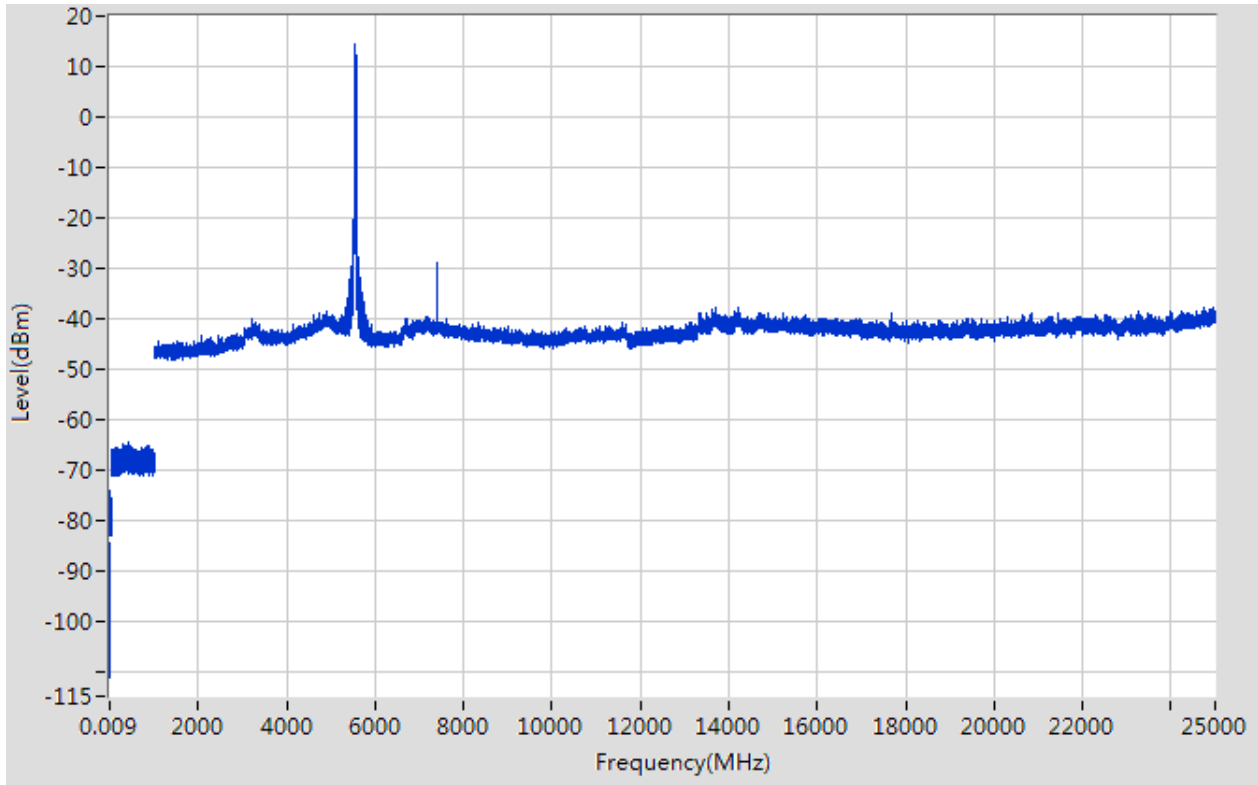
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac(HT40) CH134

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.013	-84.52	6	3	2	QP	18.74	68.20	49.46	Note 2	Pass
0.15	-74.27	6	3	2	QP	28.99	68.20	39.21	Note 2	Pass
410.546	-64.65	4.7	3	2	QP	37.31	68.20	30.89	Note 2	Pass
5544.909	14.45	0	3	2	PK	111.71	N/A	N/A	Note 1	N/A
	14.16		3	2	AV	111.42	N/A	N/A		N/A
7400.326	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11594.925	-40.84	0	3	2	PK	56.42	74.00	17.58	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
24957.992	-37.76	0	3	2	PK	59.50	68.20	8.70	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 ac (HT40) CH134, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

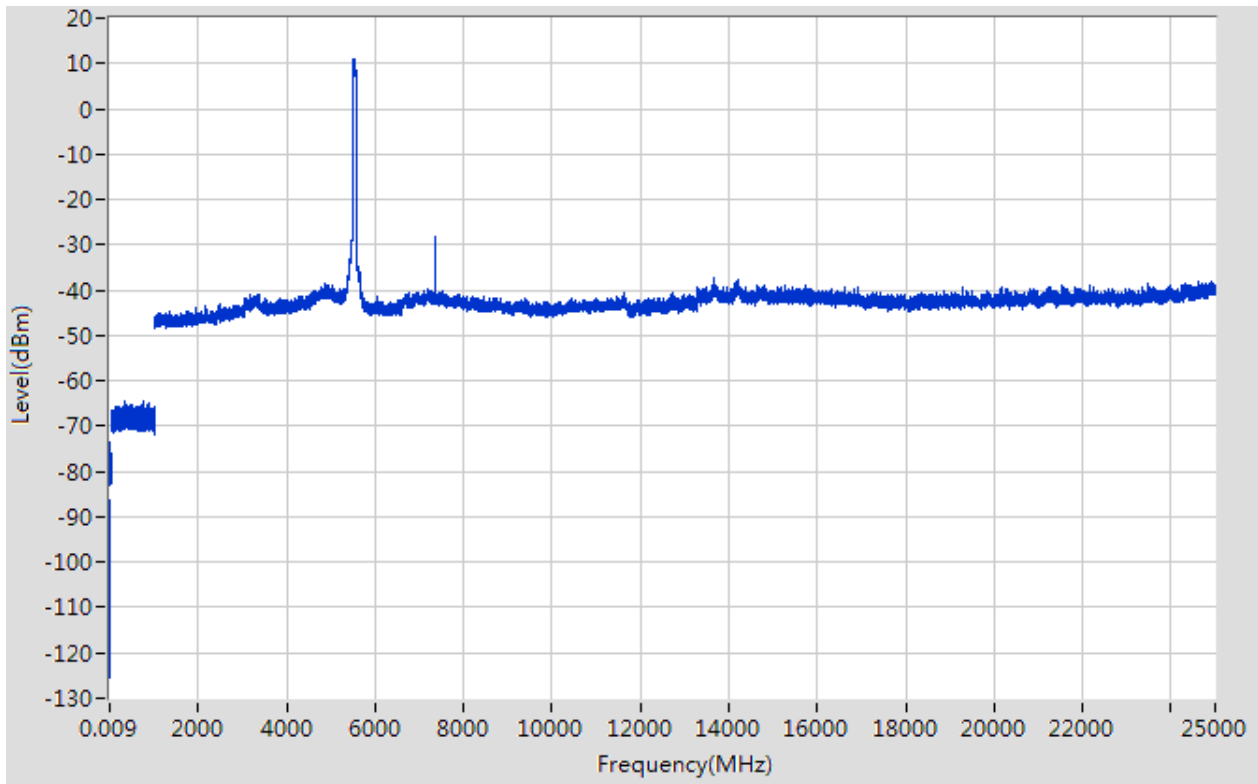
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac(HT80) CH106

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.015	-86.49	6	3	2	QP	16.77	68.20	51.43	Note 2	Pass
0.24	-73.39	6	3	2	QP	29.87	68.20	38.33	Note 2	Pass
326.536	-64.66	4.7	3	2	QP	37.30	46.00	8.70	Note 2	Pass
5517.904	11.13	0	3	2	PK	108.39	N/A	N/A	Note 1	N/A
	10.06		3	2	AV	107.31	N/A	N/A		N/A
7373.319	-28.37	0	3	2	PK	68.89	74.00	5.11	--	Pass
	-43.34		3	2	AV	53.92	54.00	0.08	Note 3	Pass
11626.948	-40.64	0	3	2	PK	56.62	74.00	17.38	--	Pass
	-43.27		3	2	AV	53.99	54.00	0.01	Note 3	Pass
13669.24	-37.40	0	3	2	PK	59.86	68.20	8.34	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac(HT80) CH106, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

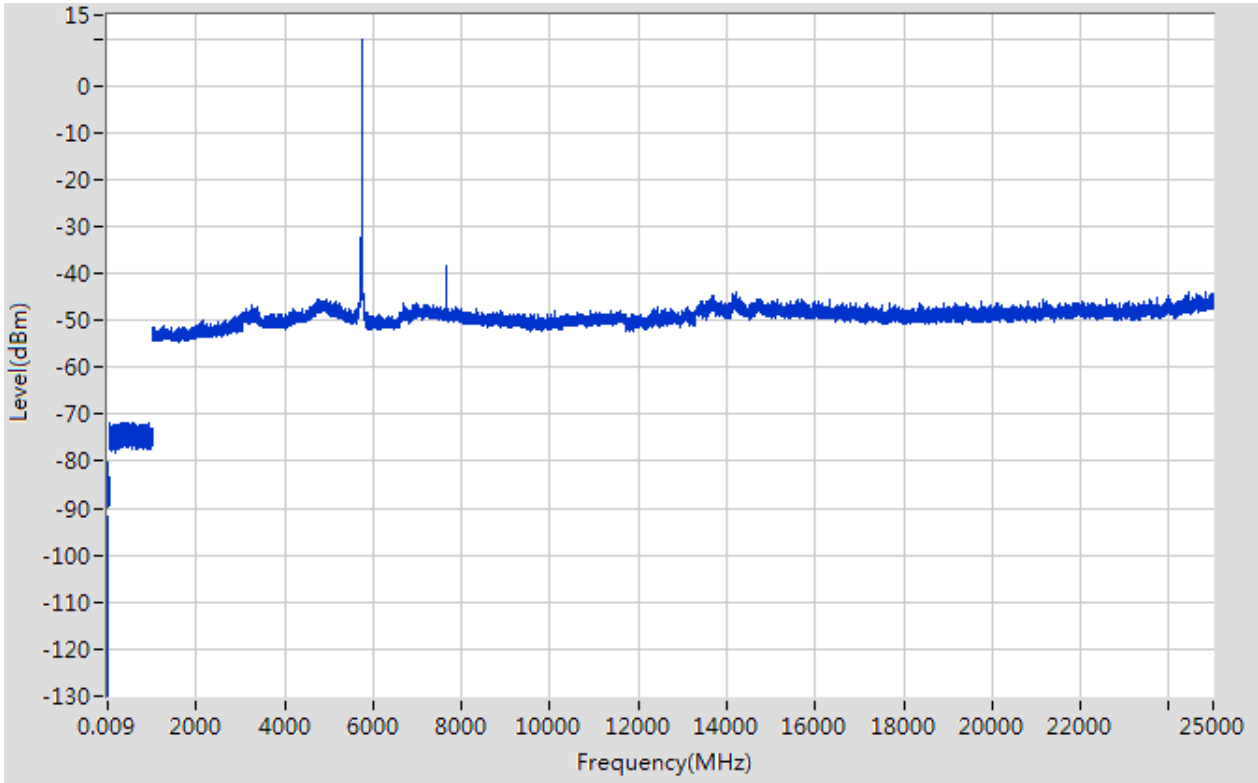
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11a CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-91.84	6	3	2	QP	11.42	68.20	56.78	Note 2	Pass
0.19	-80.07	6	3	2	QP	23.19	68.20	45.01	Note 2	Pass
941.723	-71.73	4.7	3	2	QP	30.23	68.20	37.97	Note 2	Pass
5746.949	9.92	0	3	2	PK	107.18	N/A	N/A	Note 1	N/A
	9.63		3	2	AV	106.89	N/A	N/A		N/A
7660.386	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11609.936	-48.04	0	3	2	PK	49.22	74.00	24.78	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14199.305	-43.84	0	3	2	PK	53.42	68.20	14.78	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11a CH149, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

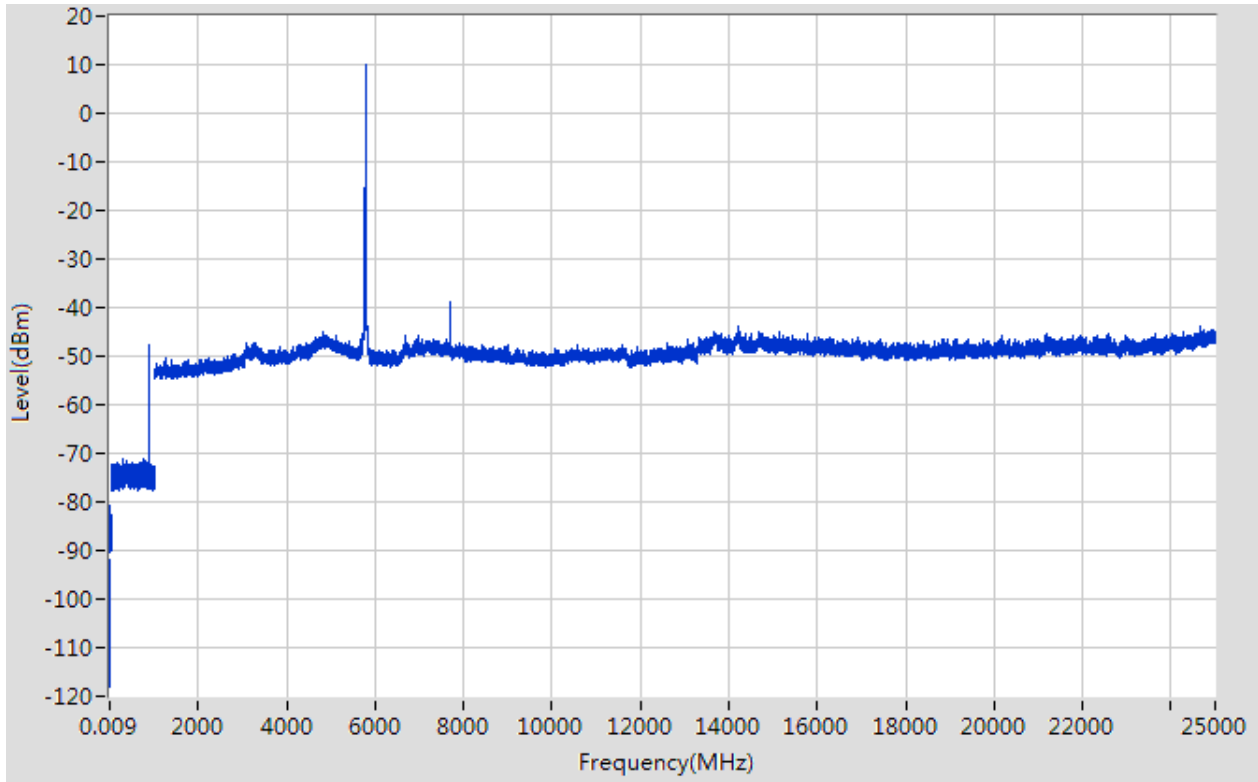
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11a CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-91.81	6	3	2	QP	11.45	68.20	56.75	Note 2	Pass
0.17	-80.68	6	3	2	QP	22.58	68.20	45.62	Note 2	Pass
898.165	-47.79	4.7	3	2	QP	54.17	68.20	14.03	Note 2	Pass
5781.956	10.13	0	3	2	PK	107.39	N/A	N/A	Note 1	N/A
	8.74		3	2	AV	106.00	N/A	N/A		N/A
7713.398	-38.68	0	3	2	PK	58.58	74.00	15.42	--	Pass
	-53.53		3	2	AV	43.73	54.00	10.27	Note 3	Pass
11610.936	-47.64	0	3	2	PK	49.62	74.00	24.38	--	Pass
	-49.03		3	2	AV	48.23	54.00	5.77	Note 3	Pass
14197.305	-43.80	0	3	2	PK	53.46	68.20	14.74	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11a CH157, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

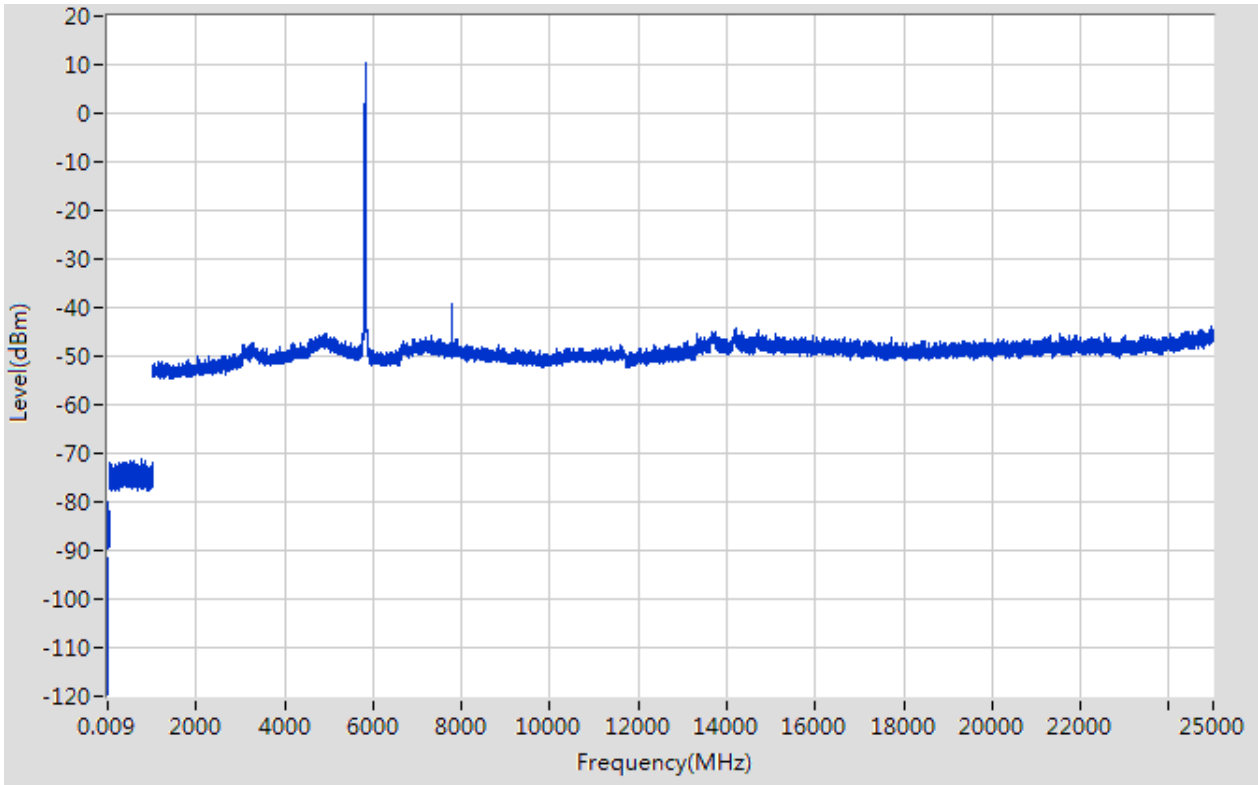
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11a CH165

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.019	-91.51	6	3	2	QP	11.75	68.20	56.45	Note 2	Pass
0.2	-80.01	6	3	2	QP	23.25	68.20	44.95	Note 2	Pass
747.488	-71.08	4.7	3	2	QP	30.88	68.20	37.32	Note 2	Pass
5822.965	10.27	0	3	2	PK	107.53	N/A	N/A	Note 1	N/A
	9.98		3	2	AV	107.24	N/A	N/A		N/A
7766.411	-30.2	0	3	2	PK	67.06	68.20	1.14	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11579.914	-47.57	0	3	2	PK	49.69	74.00	24.31	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24966.994	-44.03	0	3	2	PK	53.23	68.20	14.97	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11a CH165, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

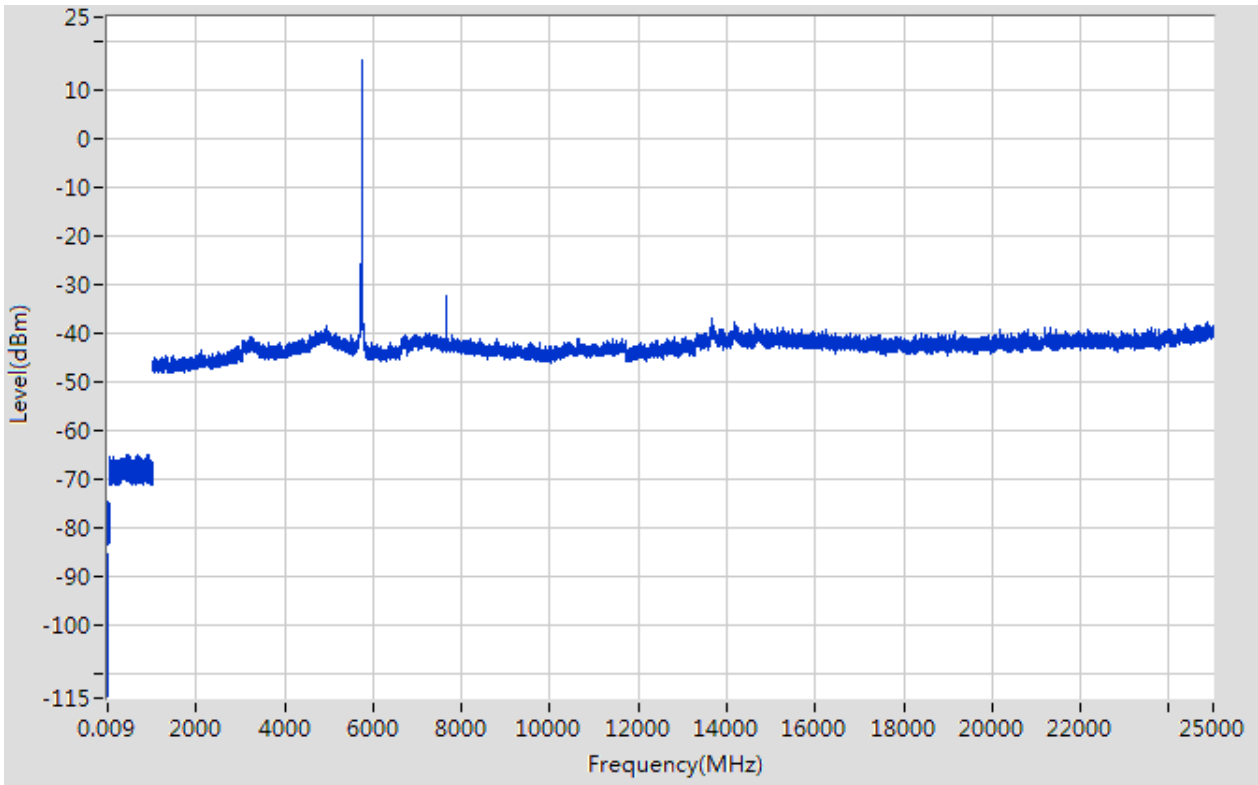
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11 n (HT20) CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-85.3	6	3	2	QP	17.96	68.20	50.24	Note 2	Pass
0.36	-74.64	6	3	2	QP	28.62	68.20	39.58	Note 2	Pass
908.679	-64.85	4.7	3	2	QP	37.11	68.20	31.09	Note 2	Pass
5742.949	16.25	0	3	2	PK	113.51	N/A	N/A	Note 1	N/A
	15.96		3	2	AV	113.22	N/A	N/A		N/A
7660.386	-32.23	0	3	2	PK	65.03	74.00	8.97	--	Pass
	-47.21		3	2	AV	50.05	54.00	3.95	Note 3	Pass
10634.239	-41.2	0	3	2	PK	56.06	74.00	17.94	--	Pass
	-43.73		3	2	AV	53.53	54.00	0.47	Note 3	Pass
13654.239	-36.80	0	3	2	PK	60.46	68.20	7.74	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT20) CH149, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

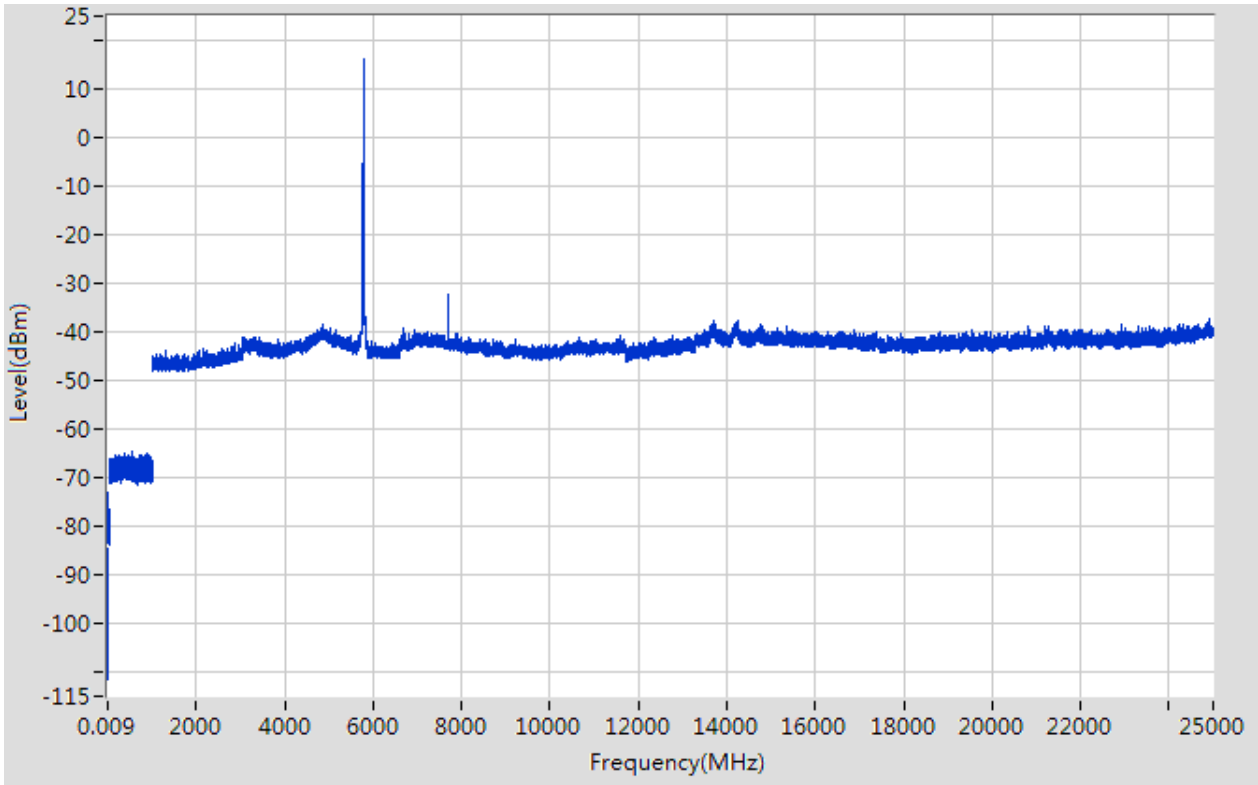
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11 n (HT20) CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-84.74	6	3	2	QP	18.52	68.20	49.68	Note 2	Pass
0.26	-73.11	6	3	2	QP	30.15	68.20	38.05	Note 2	Pass
543.463	-64.69	4.7	3	2	QP	37.27	68.20	30.93	Note 2	Pass
5782.957	16.19	0	3	2	PK	113.45	N/A	N/A	Note 1	N/A
	15.90		3	2	AV	113.16	N/A	N/A		N/A
7713.398	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11578.914	-40.83	0	3	2	PK	56.43	74.00	17.57	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
24920.985	-37.39	0	3	2	PK	59.87	68.20	8.33	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT20) CH157, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

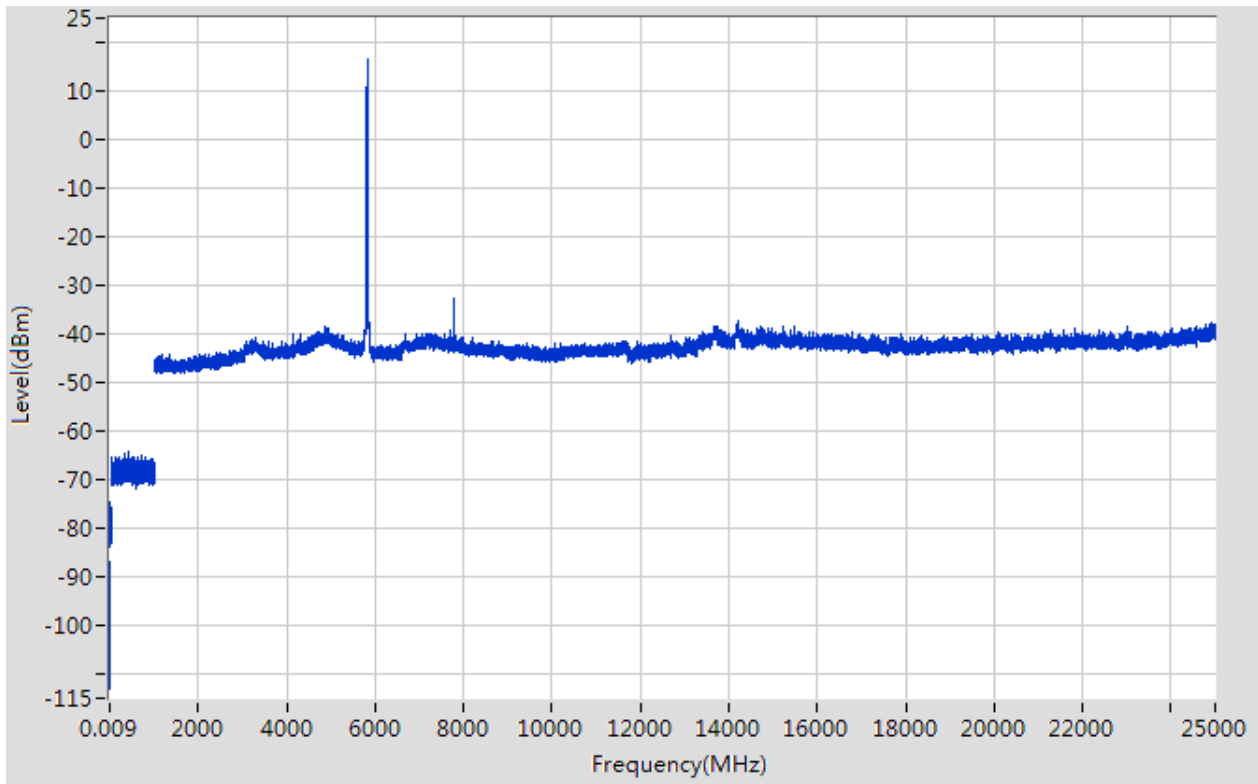
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11 n (HT20) CH165

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.015	-86.74	6	3	2	QP	16.52	68.20	51.68	Note 2	Pass
0.23	-74.63	6	3	2	QP	28.63	68.20	39.57	Note 2	Pass
424.348	-64.27	4.7	3	2	QP	37.69	68.20	30.51	Note 2	Pass
5823.965	16.41	0	3	2	PK	113.67	N/A	N/A	Note 1	N/A
	16.12		3	2	AV	113.38	N/A	N/A		N/A
7766.411	-32.61	0	3	2	PK	64.65	68.20	3.55	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11604.932	-41.4	0	3	2	PK	55.86	74.00	18.14	--	Pass
	-43.64		3	2	AV	53.62	54.00	0.38	Note 3	Pass
14199.305	-37.33	0	3	2	PK	59.93	68.20	8.27	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT20) CH165, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

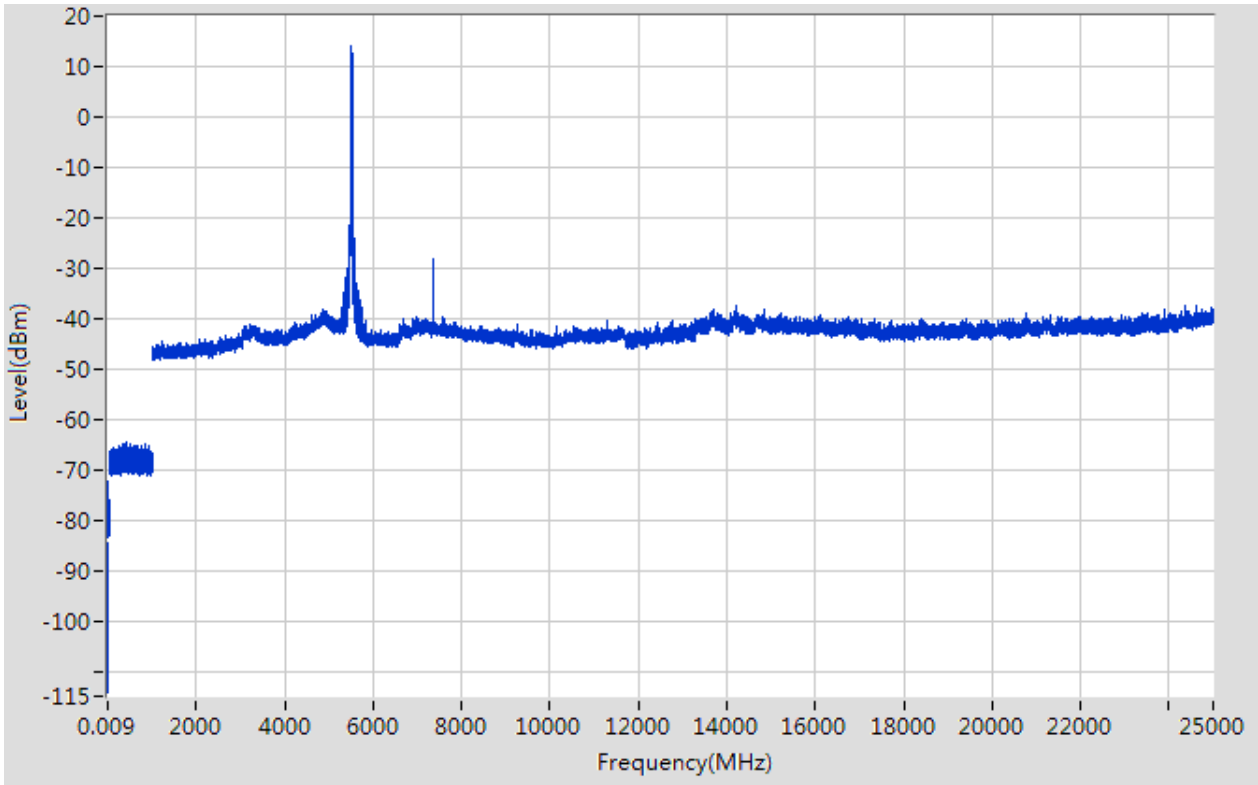
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11 n (HT40) CH151

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-87.1	6	3	2	QP	16.16	68.20	52.04	Note 2	Pass
0.23	-72.45	6	3	2	QP	30.81	68.20	37.39	Note 2	Pass
725.185	-65.02	4.7	3	2	QP	36.94	68.20	31.26	Note 2	Pass
5757.952	13.69	0	3	2	PK	110.95	N/A	N/A	Note 1	N/A
	13.40		3	2	AV	110.66	N/A	N/A		N/A
7673.389	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
10505.147	-41.08	0	3	2	PK	56.18	68.20	12.02	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	Pass
14193.304	-37.35	0	3	2	PK	59.91	68.20	8.29	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT40) CH151, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

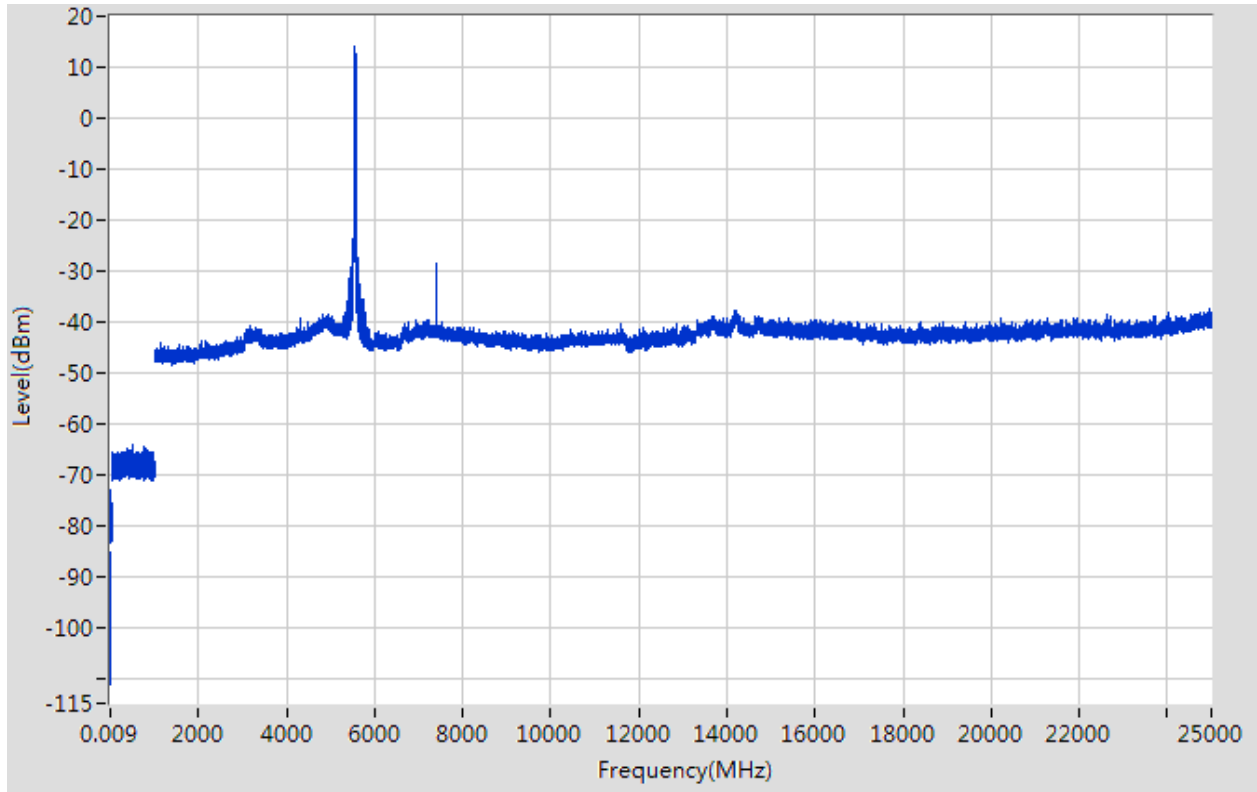
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11n (HT40) CH159

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-85.29	6	3	2	QP	17.97	68.20	50.23	Note 2	Pass
0.52	-73.95	6	3	2	QP	29.31	68.20	38.89	Note 2	Pass
479.155	-64.09	4.7	3	2	QP	37.87	68.20	30.33	Note 2	Pass
5799.96	13.75	0	3	2	PK	111.01	N/A	N/A	Note 1	N/A
	13.46		3	2	AV	110.72	N/A	N/A		N/A
7726.401	-32.1	0	3	2	PK	65.16	74.00	8.84	--	Pass
	-47.16		3	2	AV	50.10	54.00	3.90	Note 3	Pass
11589.921	-41.37	0	3	2	PK	55.89	74.00	18.11	--	Pass
	-43.78		3	2	AV	53.48	54.00	0.52	Note 3	Pass
24912.983	-37.83	0	3	2	PK	59.43	68.20	8.77	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT40) CH159, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

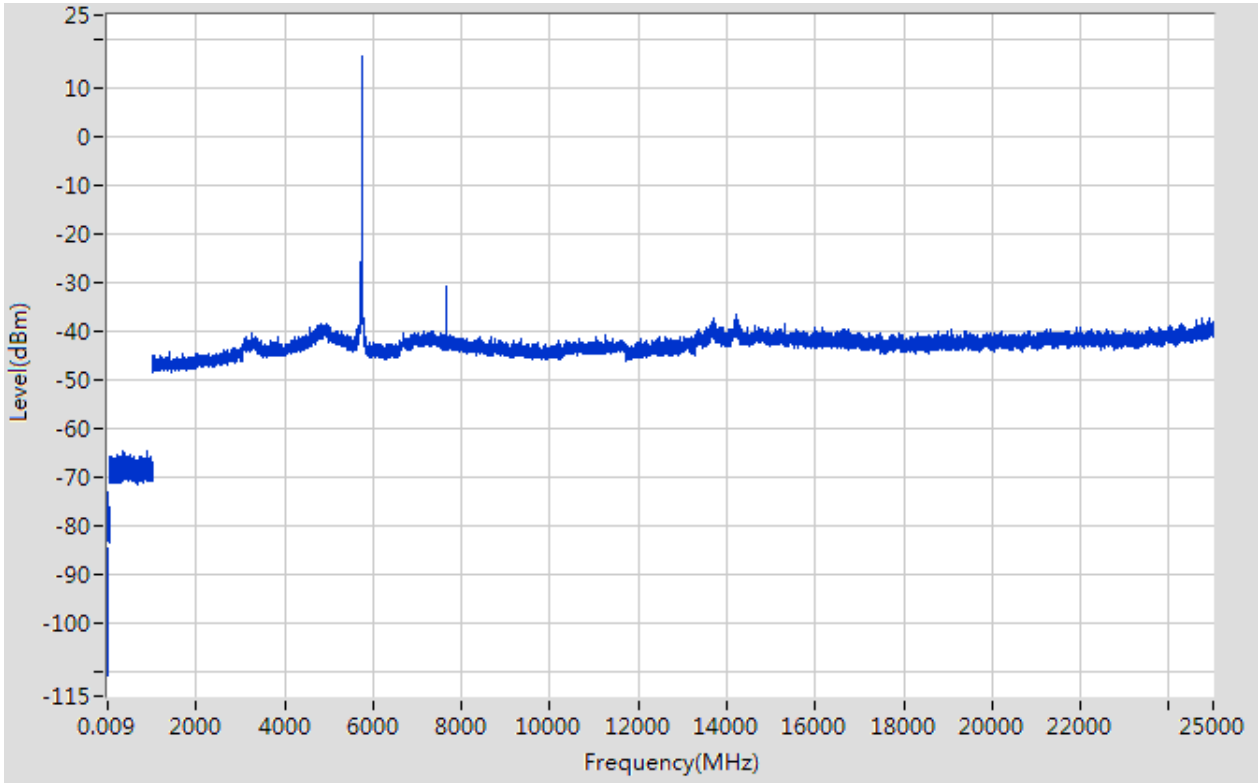
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac (HT20) CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.017	-86.75	6	3	2	QP	16.51	68.20	51.69	Note 2	Pass
0.24	-73.55	6	3	2	QP	29.71	68.20	38.49	Note 2	Pass
471.854	-64.96	4.7	3	2	QP	37.00	68.20	31.20	Note 2	Pass
5761.952	13.88	0	3	2	PK	111.14	N/A	N/A	Note 1	N/A
	13.59		3	2	AV	110.85	N/A	N/A		N/A
7673.389	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11577.913	-40.68	0	3	2	PK	56.58	74.00	17.42	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
14219.308	-36.87	0	3	2	PK	60.39	68.20	7.81	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac (HT20) CH149, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

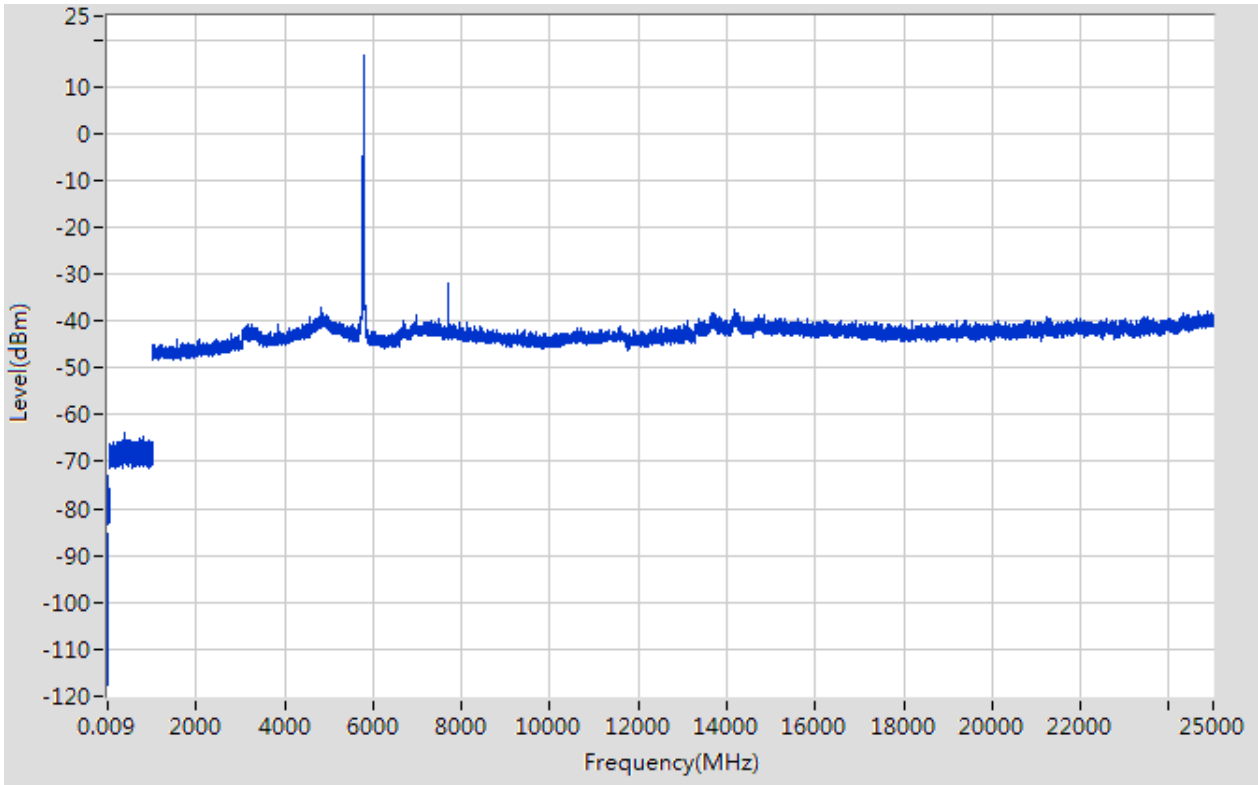
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac (HT20) CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-85.51	6	3	2	QP	17.75	68.20	50.45	Note 2	Pass
0.16	-72.86	6	3	2	QP	30.40	68.20	37.80	Note 2	Pass
400.145	-64.03	4.7	3	2	QP	37.93	46.00	8.07	Note 2	Pass
5781.956	16.55	0	3	2	PK	113.81	N/A	N/A	Note 1	N/A
	15.97		3	2	AV	113.22	N/A	N/A		N/A
7713.398	-31.96	0	3	2	PK	65.30	74.00	8.70	--	Pass
	-46.37		3	2	AV	50.89	54.00	3.11	Note 3	Pass
11608.935	-41.06	0	3	2	PK	56.20	74.00	17.80	--	Pass
	-43.91		3	2	AV	53.35	54.00	0.65	Note 3	Pass
14186.304	-37.53	0	3	2	PK	59.73	68.20	8.47	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac (HT20) CH157, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

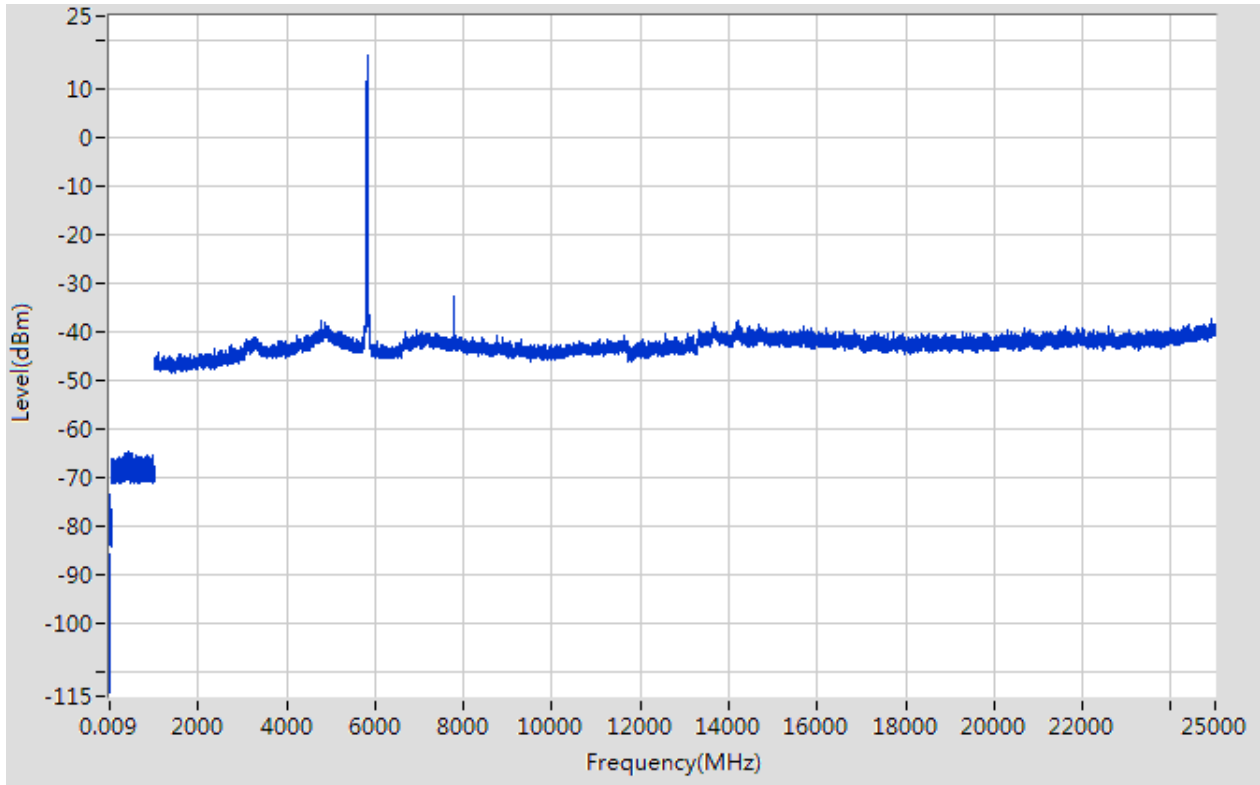
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac (HT20) CH165

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-87.04	6	3	2	QP	16.22	68.20	51.98	Note 2	Pass
0.22	-73.8	6	3	2	QP	29.46	68.20	38.74	Note 2	Pass
710.583	-64.85	4.7	3	2	QP	37.11	68.20	31.09	Note 2	Pass
5789.958	14.5	0	3	2	PK	111.76	N/A	N/A	Note 1	N/A
	14.21		3	2	AV	111.47	N/A	N/A		N/A
7726.401	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11577.913	-41.64	0	3	2	PK	55.62	74.00	18.38	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
14193.304	-37.51	0	3	2	PK	59.75	68.20	8.45	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac (HT20) CH165, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

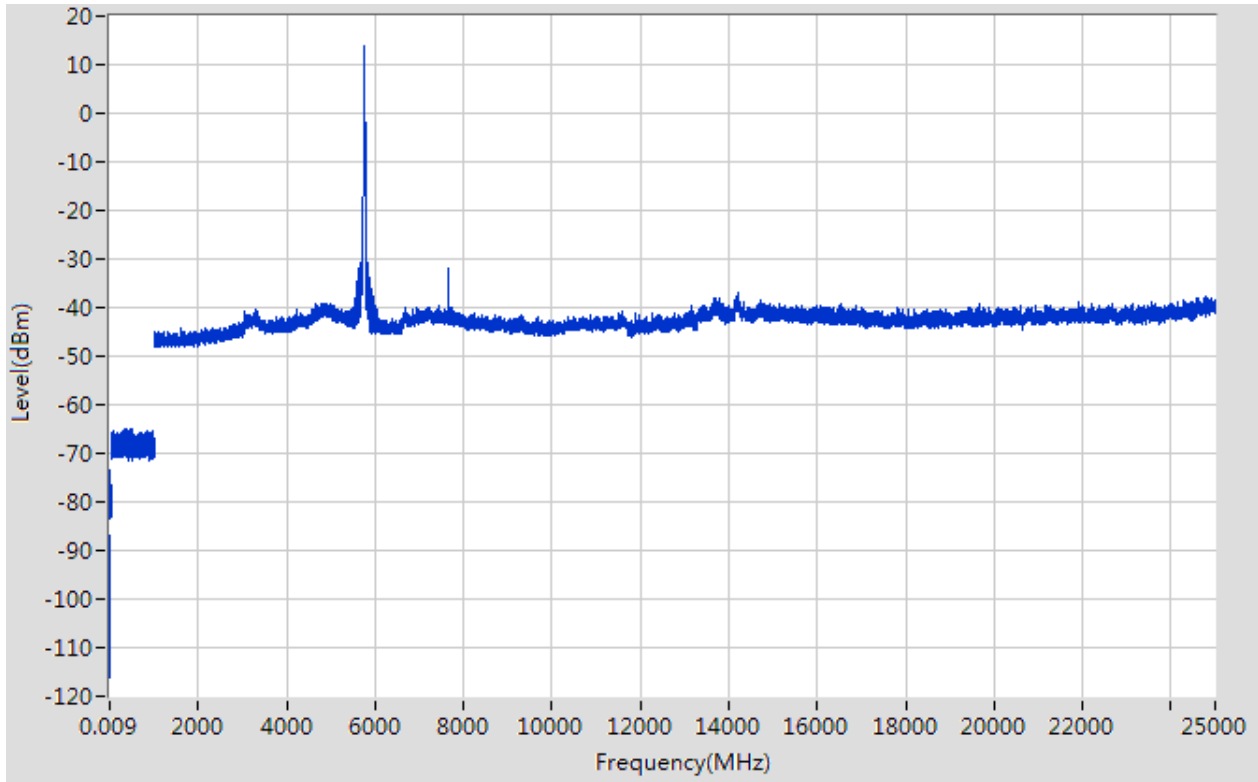
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac(HT40) CH151

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.017	-86.75	6	3	2	QP	16.51	68.20	51.69	Note 2	Pass
0.24	-73.55	6	3	2	QP	29.71	68.20	38.49	Note 2	Pass
471.854	-64.96	4.7	3	2	QP	37.00	68.20	31.20	Note 2	Pass
5761.952	13.88	0	3	2	PK	111.14	N/A	N/A	Note 1	N/A
	13.59		3	2	AV	110.85	N/A	N/A		N/A
7673.389	-32.06	0	3	2	PK	65.20	74.00	8.80	--	Pass
	-47.61		3	2	AV	49.65	54.00	4.35	Note 3	Pass
11577.913	-40.68	0	3	2	PK	56.58	74.00	17.42	--	Pass
	-43.82		3	2	AV	53.44	54.00	0.56	Note 3	Pass
14219.308	-36.87	0	3	2	PK	60.39	68.20	7.81	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac(HT40) CH151, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

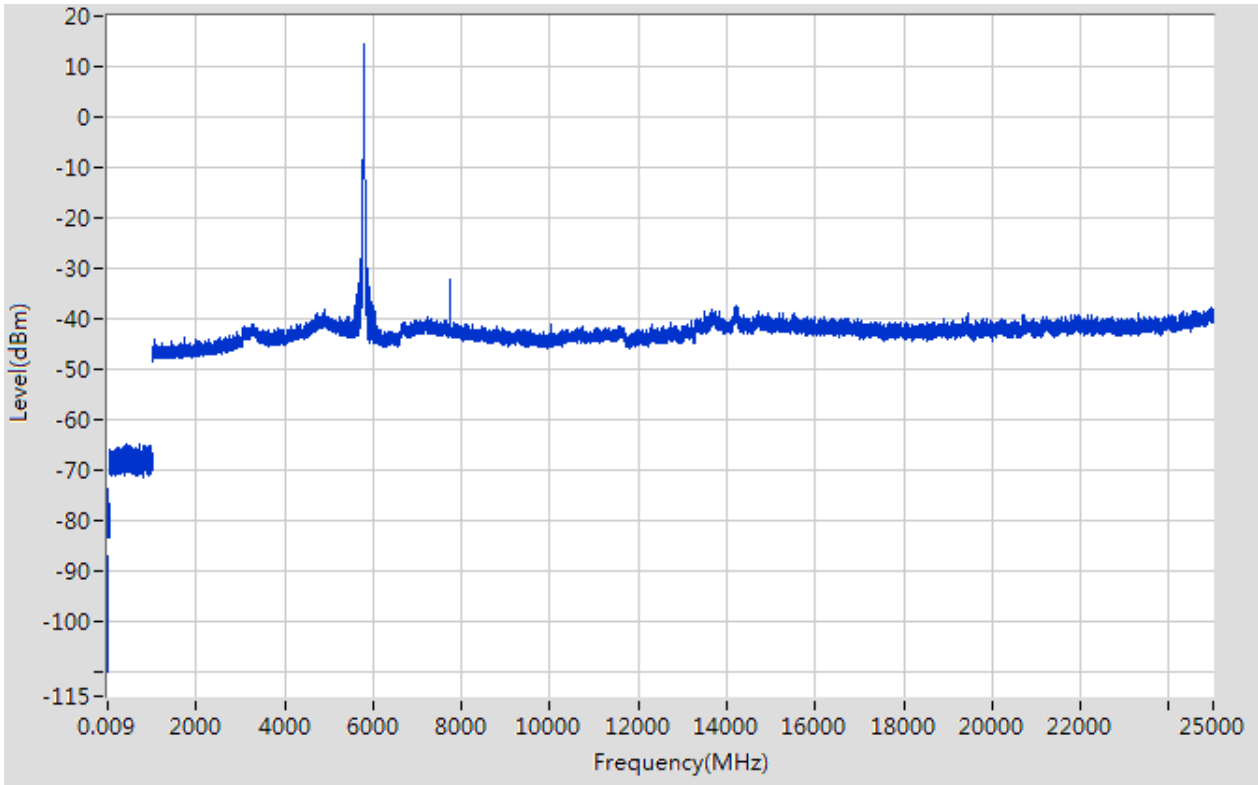
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac(HT40) CH159

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-85.29	6	3	2	QP	17.97	68.20	50.23	Note 2	Pass
0.52	-73.95	6	3	2	QP	29.31	68.20	38.89	Note 2	Pass
479.155	-64.09	4.7	3	2	QP	37.87	68.20	30.33	Note 2	Pass
5799.96	13.75	0	3	2	PK	111.01	N/A	N/A	Note 1	N/A
	13.46		3	2	AV	110.72	N/A	N/A		N/A
7726.401	-30.2	0	3	2	PK	67.06	74.00	6.94	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11589.921	-41.37	0	3	2	PK	55.89	74.00	18.11	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
24912.983	-37.83	0	3	2	PK	59.43	68.20	8.77	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 ac (HT40) CH159, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

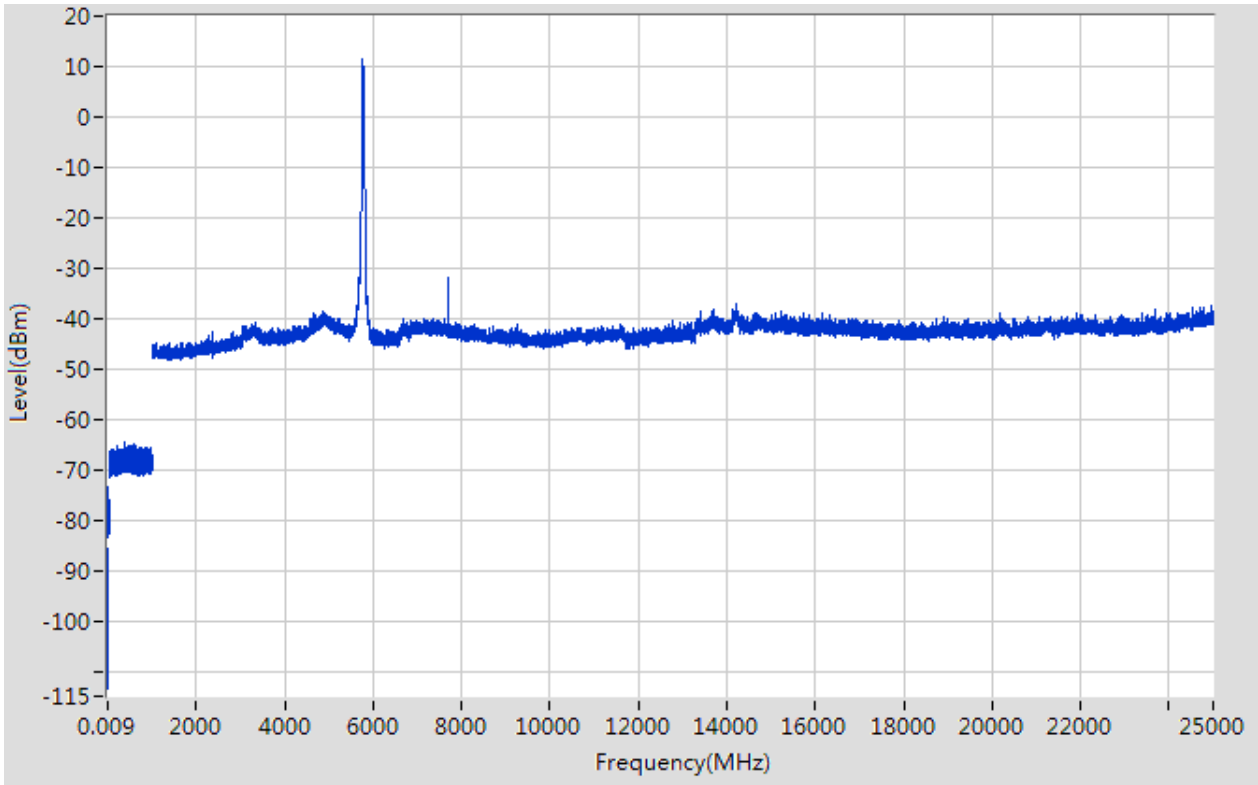
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac(HT80) CH155

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-85.75	6	3	2	QP	17.51	68.20	50.69	Note 2	Pass
0.21	-73.4	6	3	2	QP	29.86	68.20	38.34	Note 2	Pass
370.542	-64.64	4.7	3	2	QP	37.32	68.20	30.88	Note 2	Pass
5762.953	11.38	0	3	2	PK	108.64	N/A	N/A	Note 1	N/A
	10.31		3	2	AV	107.56	N/A	N/A		N/A
7700.395	-32.02	0	3	2	PK	65.24	74.00	8.76	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	Pass
11600.929	-41.02	0	3	2	PK	56.24	74.00	17.76	--	Pass
	-43.98		3	2	AV	53.28	54.00	0.72	Note 3	Pass
14198.305	-37.24	0	3	2	PK	60.02	68.20	8.18	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac(HT80) CH155, SPURIOUS 9 KHz to 25 GHz



ANT 1

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

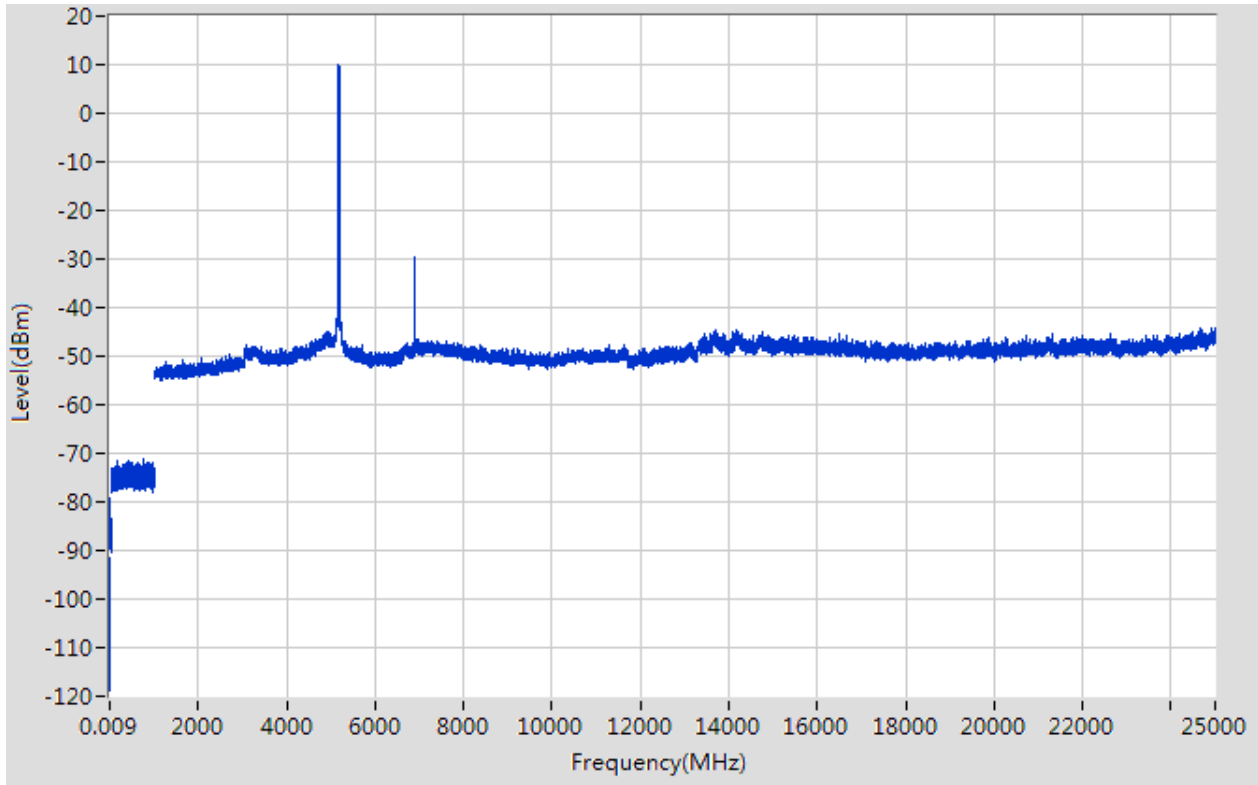
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11a CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.014	-91.64	6	3	2	QP	11.62	68.20	56.58	Note 2	Pass
0.16	-79.28	6	3	2	QP	23.98	68.20	44.22	Note 2	Pass
763.99	-71.35	4.7	3	2	QP	30.61	68.20	37.59	Note 2	Pass
5177.836	10.07	0	3	2	PK	107.33	N/A	N/A	Note 1	N/A
	9.78		3	2	AV	107.04	N/A	N/A		N/A
6907.211	-29.67	0	3	2	PK	67.59	68.20	0.61	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11309.721	-47.75	0	3	2	PK	49.51	74.00	24.49	--	Pass
	-48.04		3	2	AV	49.22	54.00	4.78	Note 3	Pass
24902.981	-44.13	0	3	2	PK	53.13	68.20	15.07	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11a CH36, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

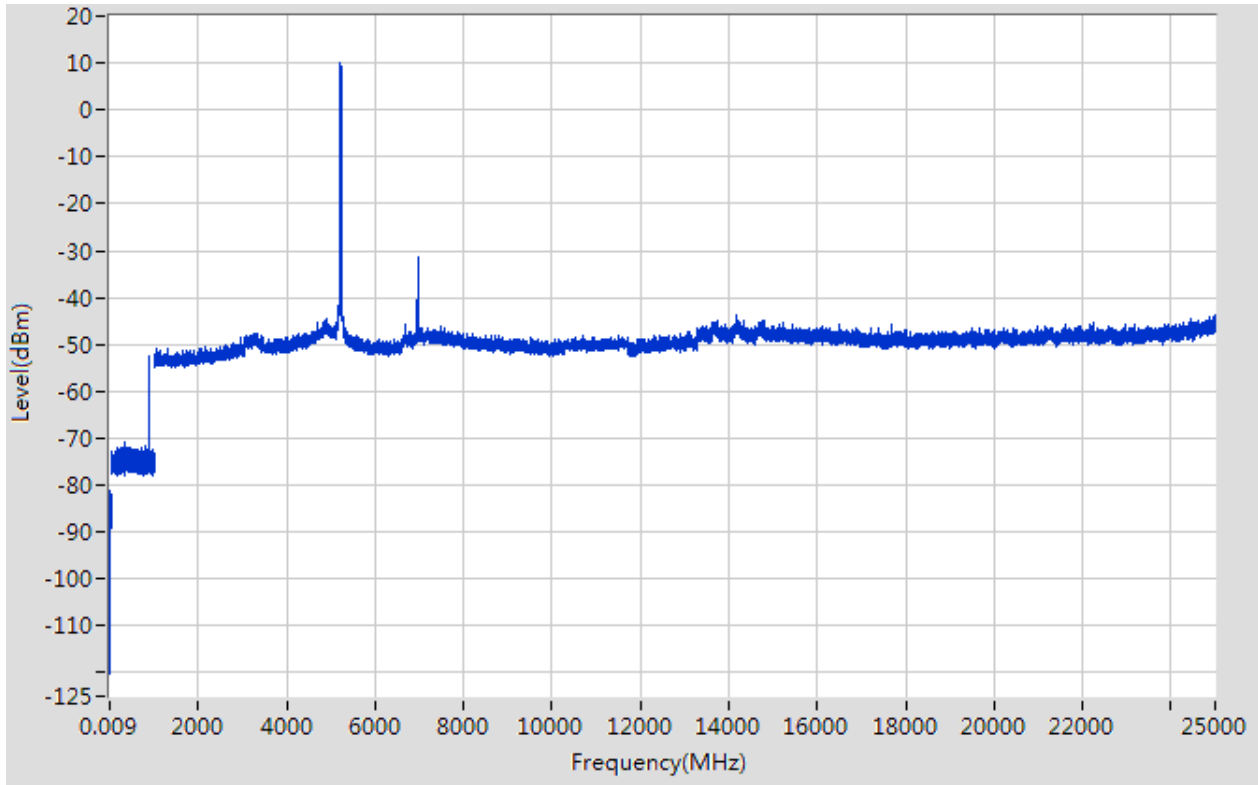
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11a CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.011	-89.76	6	3	2	QP	13.50	68.20	54.70	Note 2	Pass
0.22	-81.05	6	3	2	QP	22.21	68.20	45.99	Note 2	Pass
892.457	-52.38	4.7	3	2	QP	49.58	68.20	18.62	Note 2	Pass
5220.844	10.13	0	3	2	PK	107.39	N/A	N/A	Note 1	N/A
	9.84		3	2	AV	107.10	N/A	N/A		N/A
6960.223	-31.58	0	3	2	PK	65.68	68.20	2.52	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10696.283	-48.17	0	3	2	PK	49.09	74.00	24.91	--	Pass
	-48.46		3	2	AV	48.80	54.00	5.20	Note 3	Pass
14186.304	-43.76	0	3	2	PK	53.50	68.20	14.70	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11a CH44, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

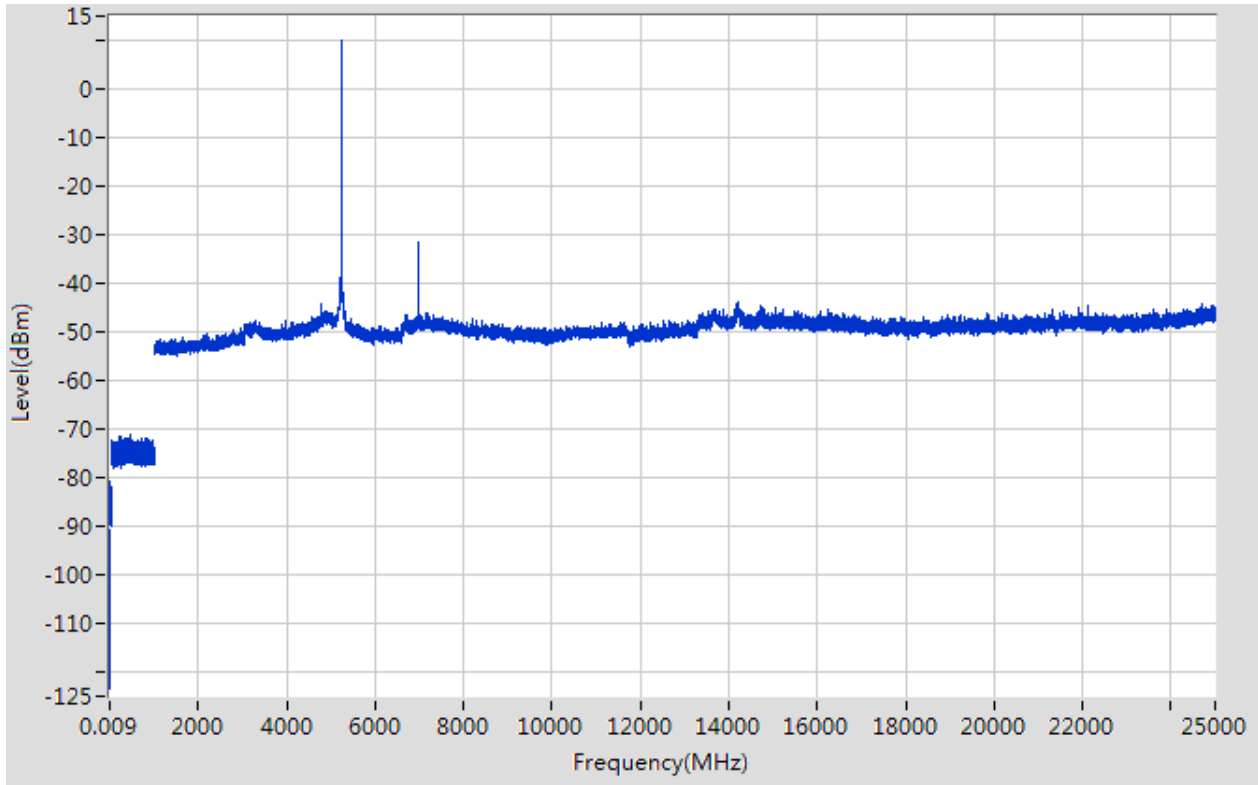
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11a CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-90.77	6	3	2	QP	12.49	68.20	55.71	Note 2	Pass
0.35	-80.62	6	3	2	QP	22.64	68.20	45.56	Note 2	Pass
447.451	-71.3	4.7	3	2	QP	30.66	68.20	37.54	Note 2	Pass
5237.848	9.96	0	3	2	PK	107.22	N/A	N/A	Note 1	N/A
	9.67		3	2	AV	106.93	N/A	N/A		N/A
6987.23	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11551.894	-48.03	0	3	2	PK	49.23	74.00	24.77	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14209.306	-43.88	0	3	2	PK	53.38	68.20	14.82	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	Pass

Test Plots

Band I 11a CH48, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

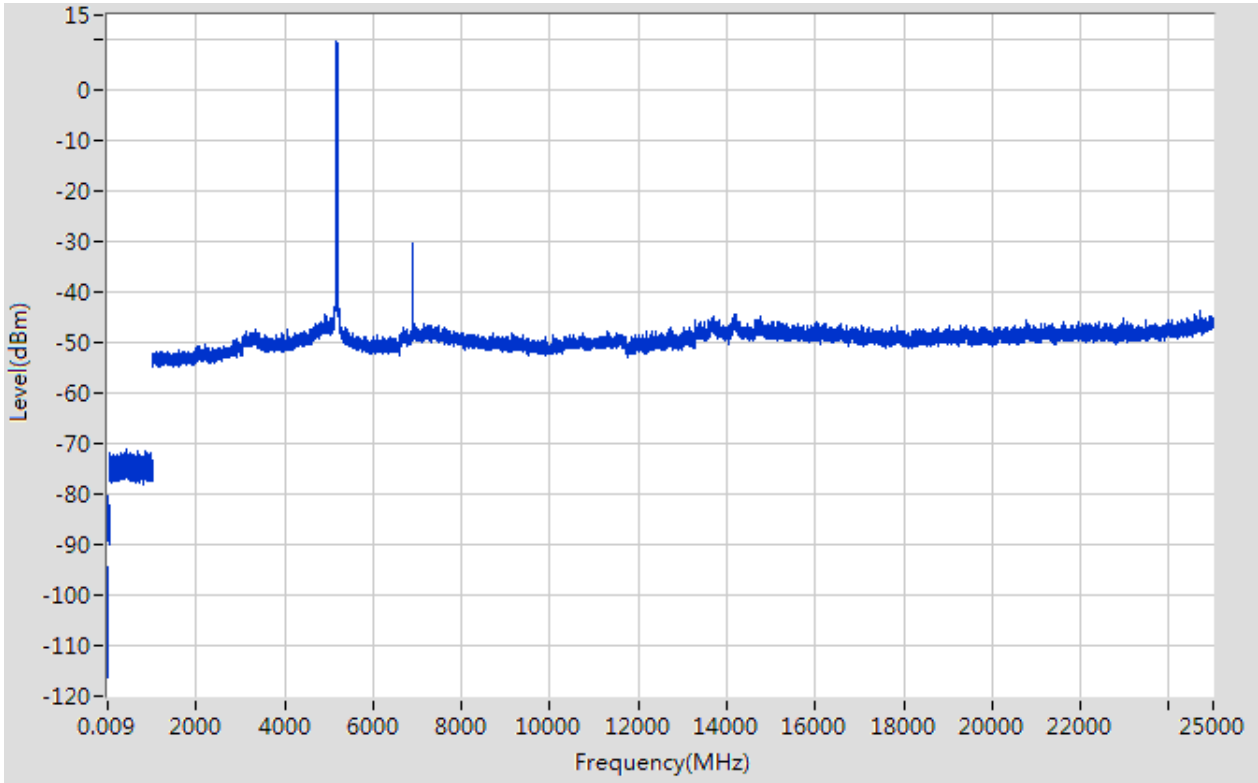
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11 n (HT20) CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.028	-94.33	6	3	2	QP	8.93	68.20	59.27	Note 2	Pass
0.4	-80.13	6	3	2	QP	23.13	68.20	45.07	Note 2	Pass
420.548	-70.9	4.7	3	2	QP	31.06	68.20	37.14	Note 2	Pass
5178.836	9.65	0	3	2	PK	106.91	N/A	N/A	Note 1	N/A
	9.36		3	2	AV	106.62	N/A	N/A		N/A
6907.211	-30.37	0	3	2	PK	66.89	68.20	1.31	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11305.718	-47.59	0	3	2	PK	49.67	74.00	24.33	--	Pass
	-47.88		3	2	AV	49.38	54.00	4.62	Note 3	pass
24716.945	-43.69	0	3	2	PK	53.57	68.20	14.63	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT20) CH36, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

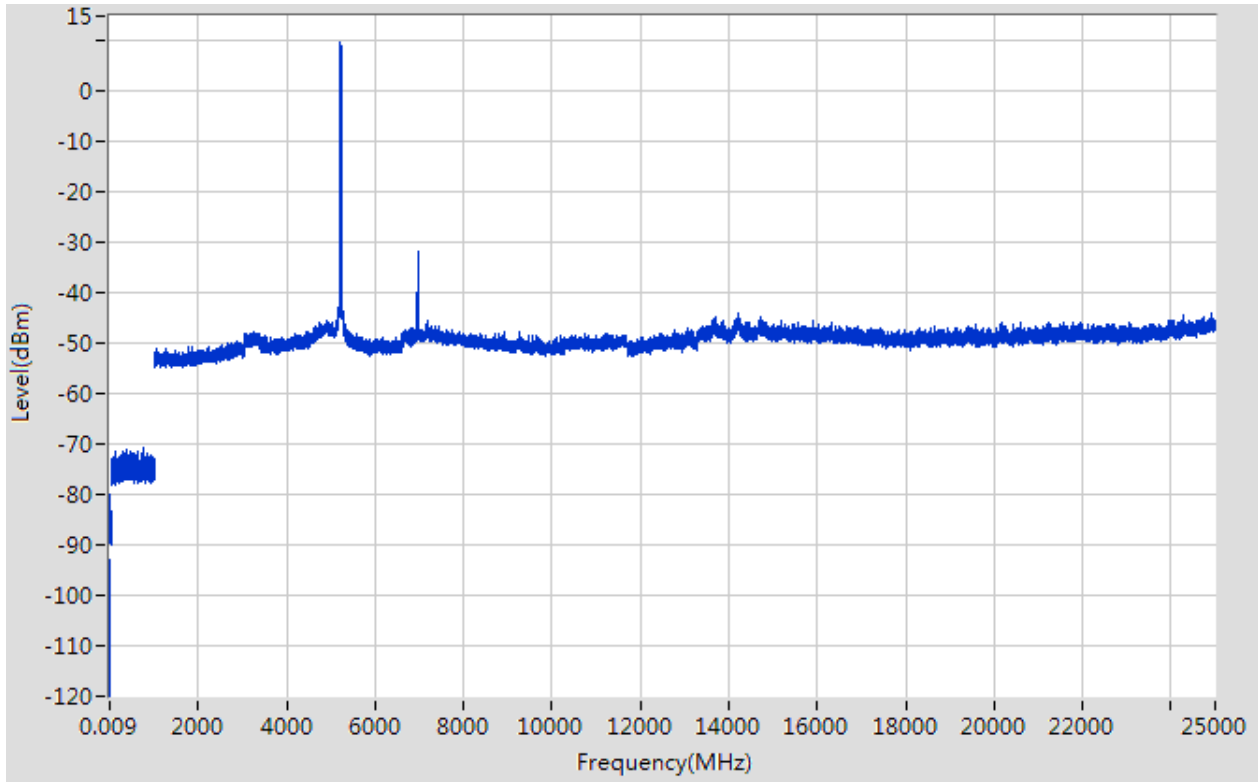
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11 n (HT20) CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.021	-92.99	6	3	2	QP	10.27	68.20	57.93	Note 2	Pass
0.2	-79.9	6	3	2	QP	23.36	68.20	44.84	Note 2	Pass
750.388	-70.55	4.7	3	2	QP	31.41	68.20	36.79	Note 2	Pass
5216.843	9.93	0	3	2	PK	107.19	N/A	N/A	Note 1	N/A
	9.64		3	2	AV	106.90	N/A	N/A		N/A
6960.223	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11197.641	-48.05	0	3	2	PK	49.21	74.00	24.79	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24913.983	-44.08	0	3	2	PK	53.18	68.20	15.02	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT20) CH44, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

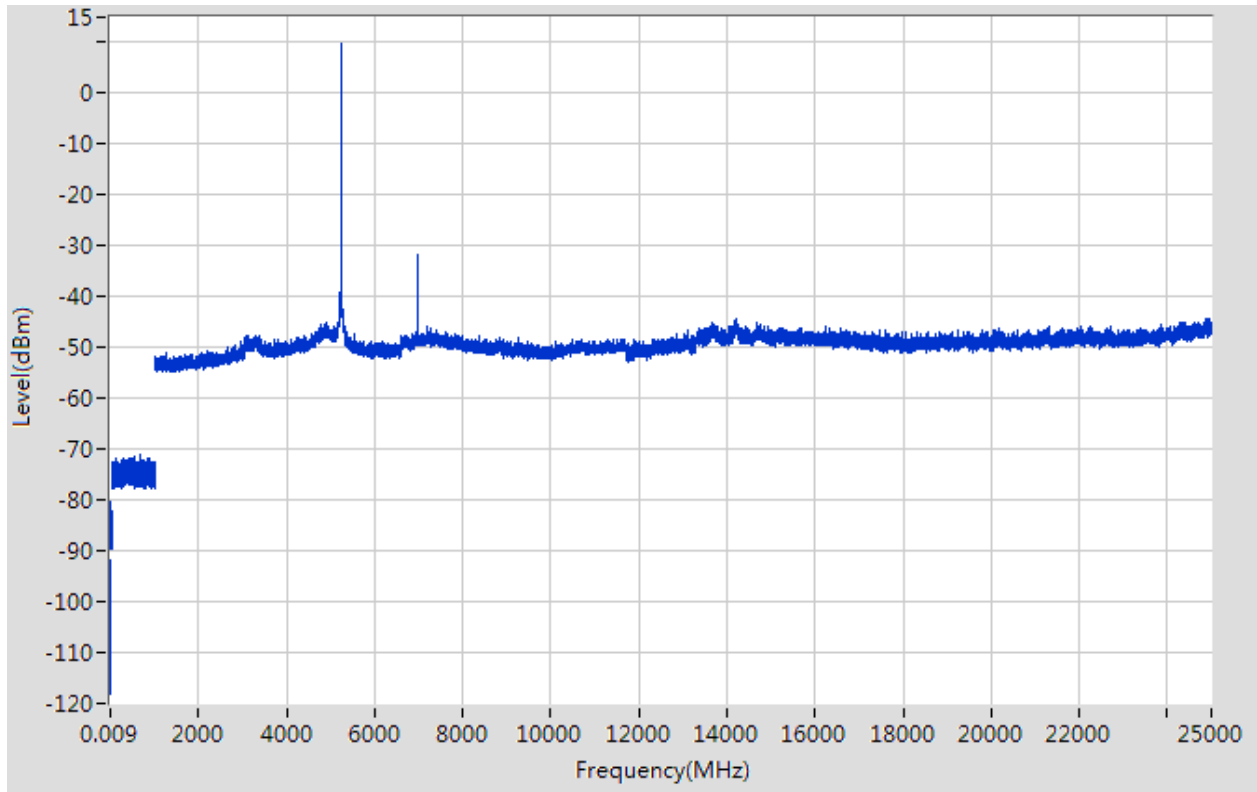
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11 n (HT20) CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-91.66	6	3	2	QP	11.60	68.20	56.60	Note 2	Pass
0.18	-80.28	6	3	2	QP	22.98	68.20	45.22	Note 2	Pass
688.58	-71.14	4.7	3	2	QP	30.82	68.20	37.38	Note 2	Pass
5240.848	9.99	0	3	2	PK	107.25	N/A	N/A	Note 1	N/A
	9.70		3	2	AV	106.96	N/A	N/A		N/A
6987.23	-31.55	0	3	2	PK	65.71	68.20	2.49	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11581.916	-48.26	0	3	2	PK	49.00	74.00	25.00	--	Pass
	-48.55		3	2	AV	48.71	54.00	5.29	Note 3	Pass
24858.972	-44.24	0	3	2	PK	53.02	68.20	15.18	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT20) CH48, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

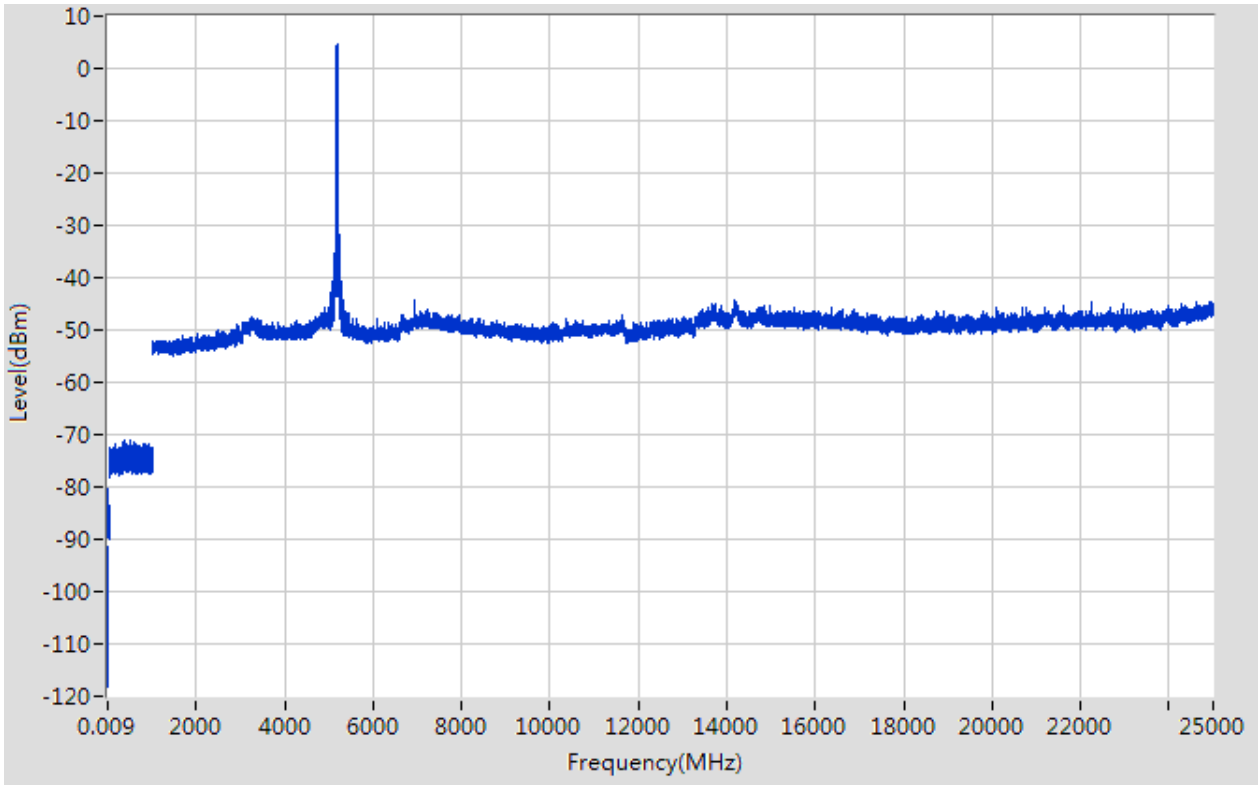
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11 n (HT40) CH38

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.013	-91.48	6	3	2	QP	11.78	68.20	56.42	Note 2	Pass
0.17	-80.39	6	3	2	QP	22.87	68.20	45.33	Note 2	Pass
487.856	-71.02	4.7	3	2	QP	30.94	68.20	37.26	Note 2	Pass
5193.839	4.79	0	3	2	PK	102.05	N/A	N/A	Note 1	N/A
	4.50		3	2	AV	101.76	N/A	N/A		N/A
6920.214	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11637.956	-46.99	0	3	2	PK	50.27	74.00	23.73	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14191.304	-44.46	0	3	2	PK	52.80	68.20	15.40	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT40) CH38, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

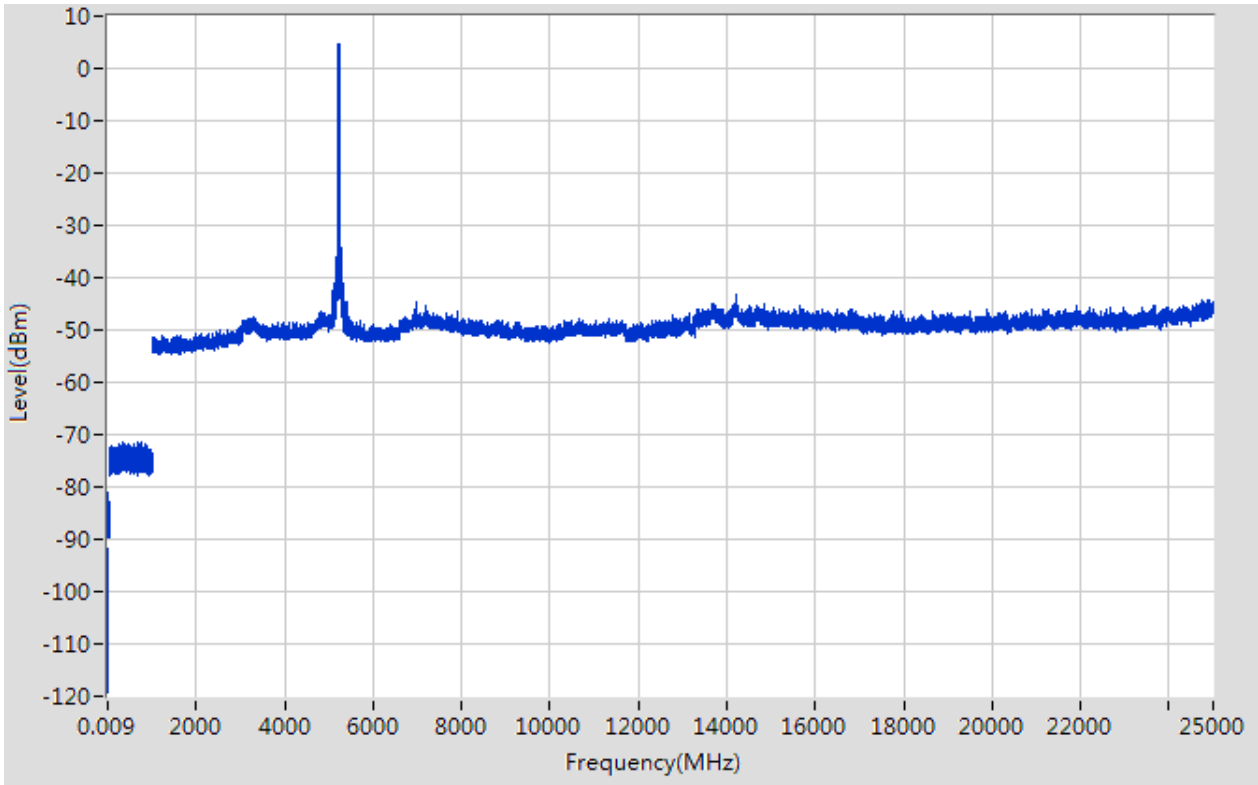
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11n (HT40) CH46

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-91.78	6	3	2	QP	11.48	68.20	56.72	Note 2	Pass
0.21	-81.11	6	3	2	QP	22.15	68.20	46.05	Note 2	Pass
764.89	-71.3	4.7	3	2	QP	30.66	68.20	37.54	Note 2	Pass
5233.847	4.6	0	3	2	PK	101.86	N/A	N/A	Note 1	N/A
	4.02		3	2	AV	101.27	N/A	N/A		N/A
6973.226	-44.64	0	3	2	PK	52.62	68.20	15.58	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10668.263	-47.94	0	3	2	PK	49.32	74.00	24.68	--	Pass
	-48.52		3	2	AV	48.73	54.00	5.27	Note 3	Pass
14200.305	-43.38	0	3	2	PK	53.88	68.20	14.32	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 n (HT40) CH46, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

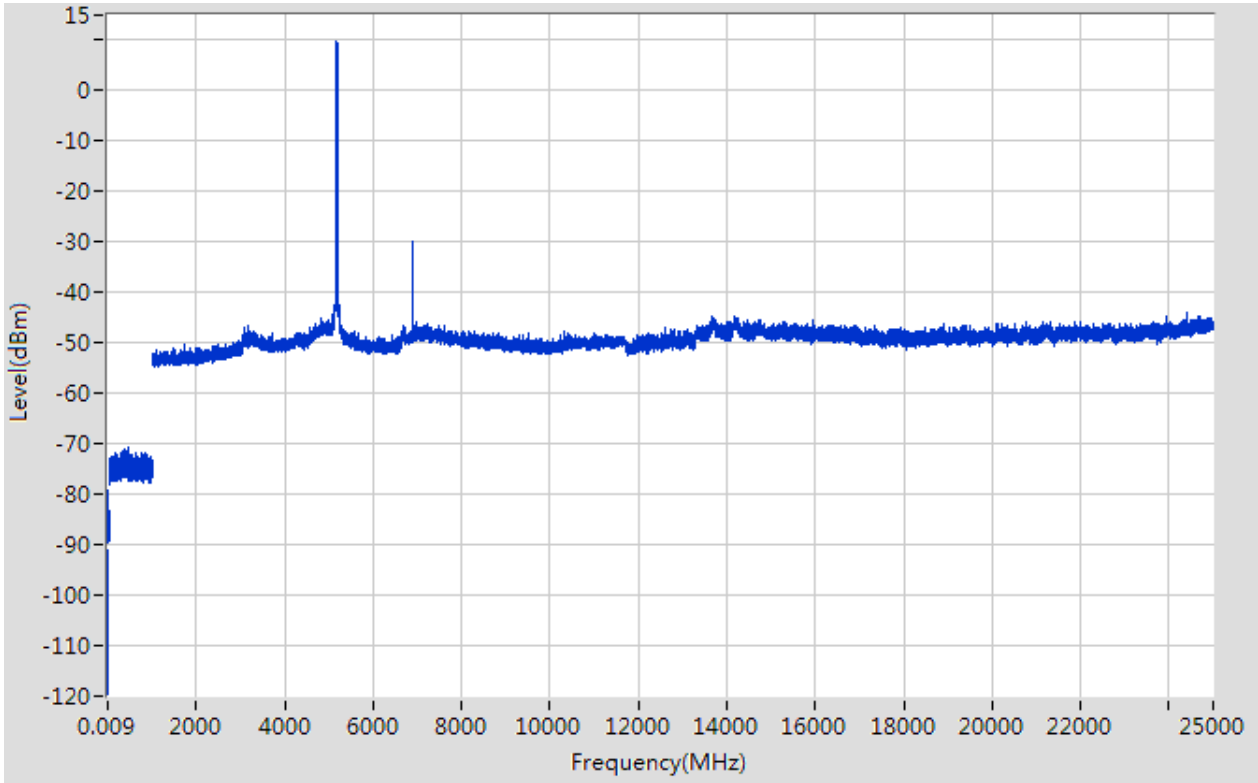
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac (HT20) CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.028	-94.33	6	3	2	QP	8.93	68.20	59.27	Note 2	Pass
0.4	-80.13	6	3	2	QP	23.13	68.20	45.07	Note 2	Pass
420.548	-70.9	4.7	3	2	QP	31.06	68.20	37.14	Note 2	Pass
5178.836	9.65	0	3	2	PK	106.91	N/A	N/A	Note 1	N/A
	9.36		3	2	AV	106.62	N/A	N/A		N/A
6907.211	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11305.718	-47.59	0	3	2	PK	49.67	74.00	24.33	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24716.945	-43.69	0	3	2	PK	53.57	68.20	14.63	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac (HT20) CH36, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

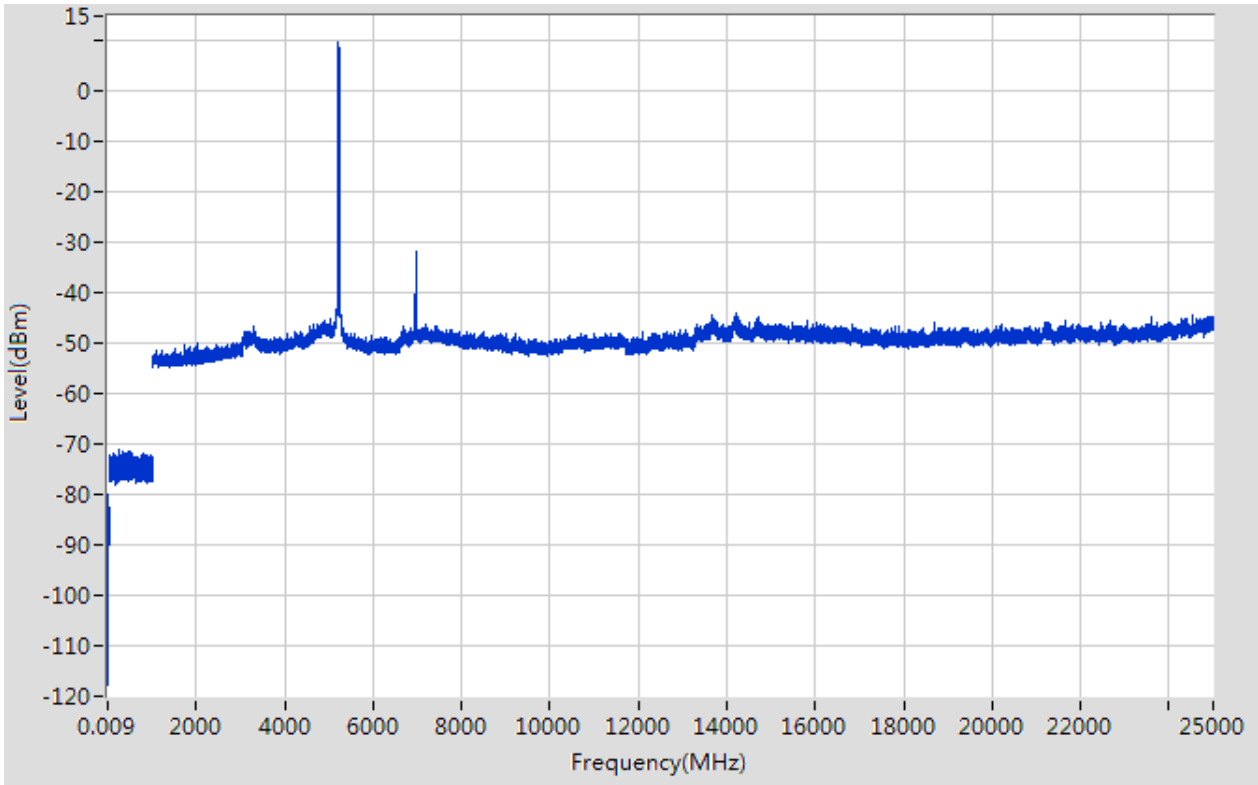
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac (HT20) CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-90.12	6	3	2	QP	13.14	68.20	55.06	Note 2	Pass
0.28	-79.88	6	3	2	QP	23.38	68.20	44.82	Note 2	Pass
259.928	-70.91	4.7	3	2	QP	31.05	46.00	14.95	Note 2	Pass
5218.844	9.89	0	3	2	PK	107.15	N/A	N/A	Note 1	N/A
	9.34		3	2	AV	106.60	N/A	N/A		N/A
6960.223	-31.64	0	3	2	PK	65.62	68.20	2.58	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11602.931	-47.92	0	3	2	PK	49.34	74.00	24.66	--	Pass
	-48.47		3	2	AV	48.79	54.00	5.21	Note 3	Pass
14214.307	-43.87	0	3	2	PK	53.39	68.20	14.81	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac (HT20) CH44, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

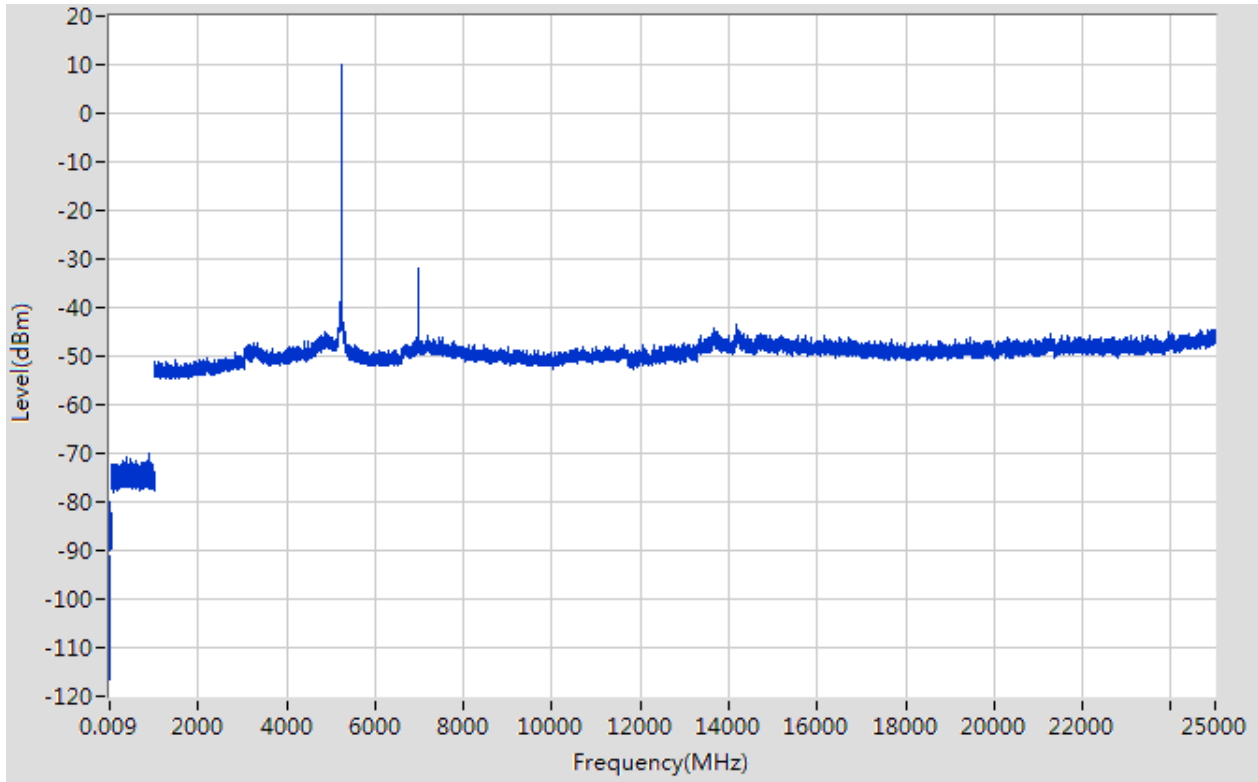
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac (HT20) CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-91.66	6	3	2	QP	11.60	68.20	56.60	Note 2	Pass
0.18	-80.28	6	3	2	QP	22.98	68.20	45.22	Note 2	Pass
688.58	-71.14	4.7	3	2	QP	30.82	68.20	37.38	Note 2	Pass
5240.848	9.99	0	3	2	PK	107.25	N/A	N/A	Note 1	N/A
	9.70		3	2	AV	106.96	N/A	N/A		N/A
6987.23	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11581.916	-48.26	0	3	2	PK	49.00	74.00	25.00	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24858.972	-44.24	0	3	2	PK	53.02	68.20	15.18	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac (HT20) CH48, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

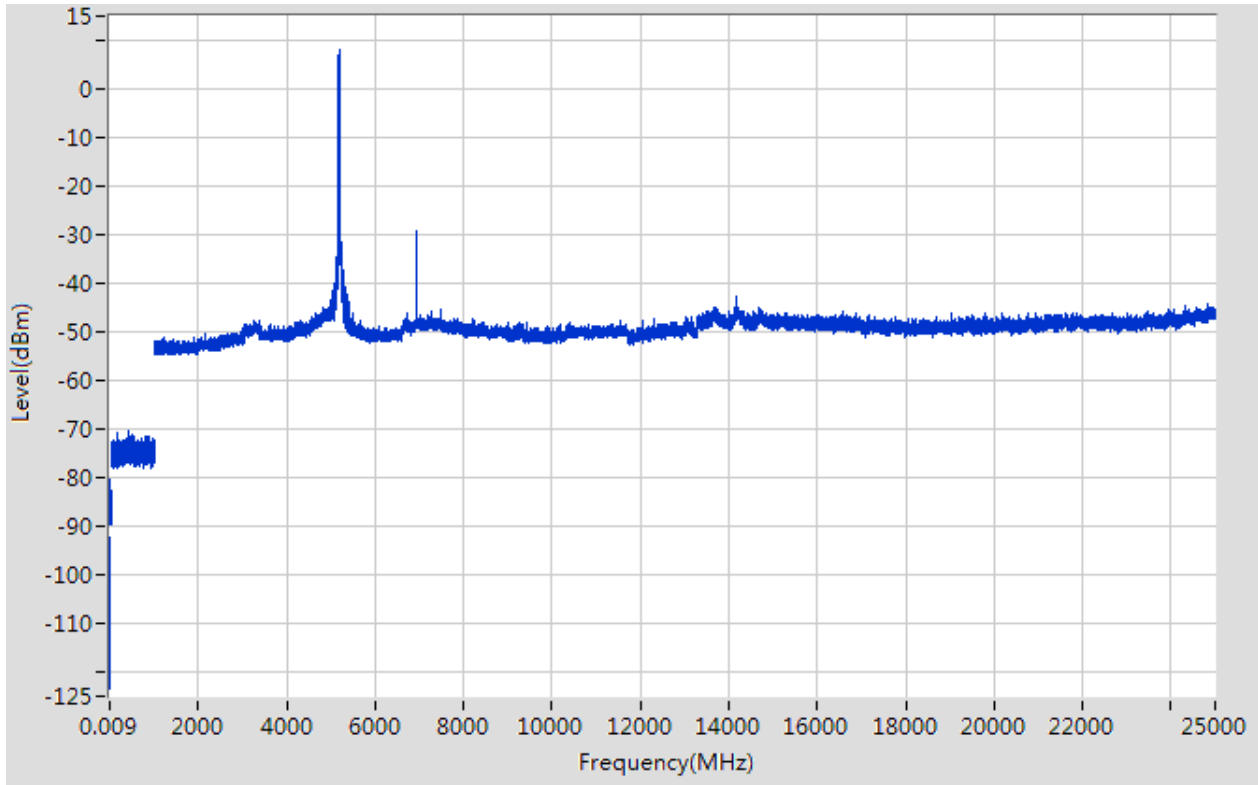
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac(HT40) CH38

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-92.22	6	3	2	QP	11.04	68.20	57.16	Note 2	Pass
0.18	-80.28	6	3	2	QP	22.98	68.20	45.22	Note 2	Pass
407.246	-70.35	4.7	3	2	QP	31.61	46.00	14.39	Note 2	Pass
5185.837	8.02	0	3	2	PK	105.28	N/A	N/A	Note 1	N/A
	6.95		3	2	AV	104.20	N/A	N/A		N/A
6920.214	-29.24	0	3	2	PK	68.02	68.20	0.18	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11566.905	-47.62	0	3	2	PK	49.64	74.00	24.36	--	Pass
	-48.69		3	2	AV	48.56	54.00	5.44	Note 3	Pass
14188.304	-42.69	0	3	2	PK	54.57	68.20	13.63	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac(HT40) CH38, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

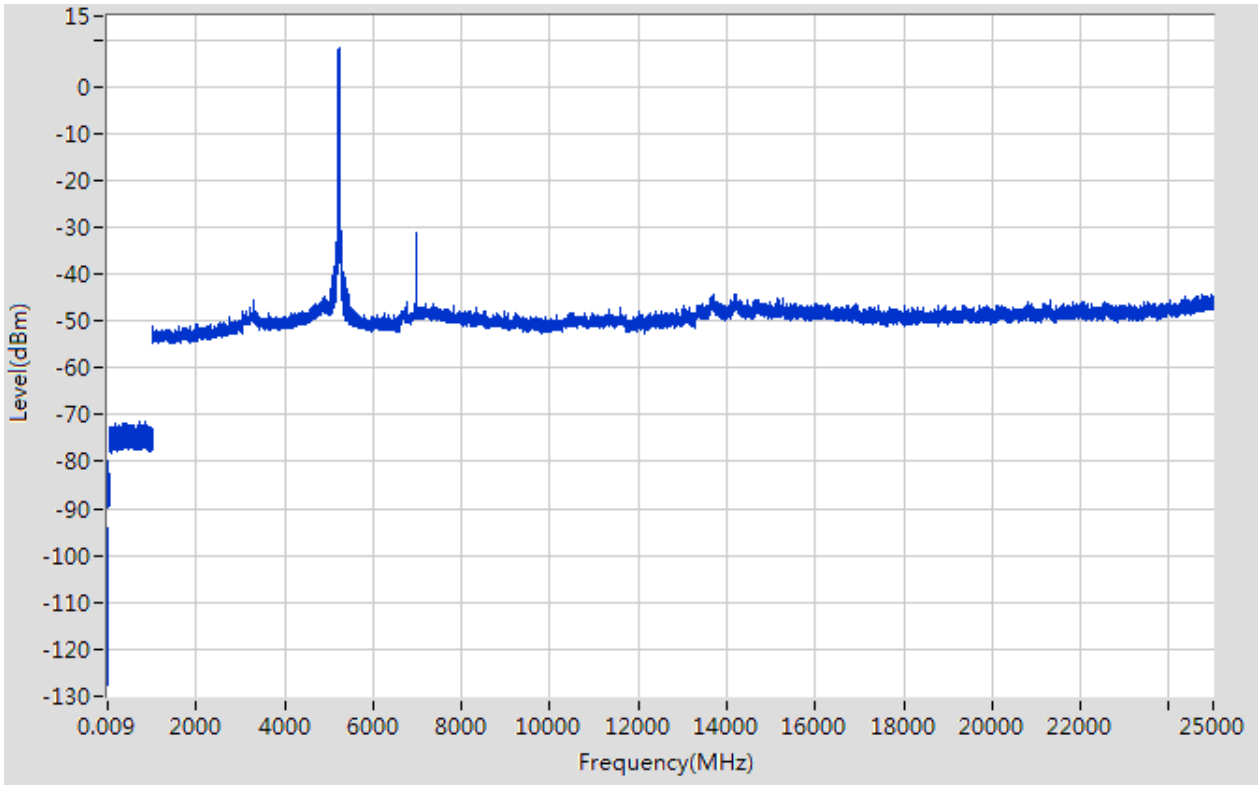
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac(HT40) CH46

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-91.78	6	3	2	QP	11.48	68.20	56.72	Note 2	Pass
0.21	-81.11	6	3	2	QP	22.15	68.20	46.05	Note 2	Pass
764.89	-71.3	4.7	3	2	QP	30.66	68.20	37.54	Note 2	Pass
5233.847	4.6	0	3	2	PK	101.86	N/A	N/A	Note 1	N/A
	4.31		3	2	AV	101.57	N/A	N/A		N/A
6973.226	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10668.263	-47.94	0	3	2	PK	49.32	74.00	24.68	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14200.305	-43.38	0	3	2	PK	53.88	68.20	14.32	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11 ac (HT40) CH46, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

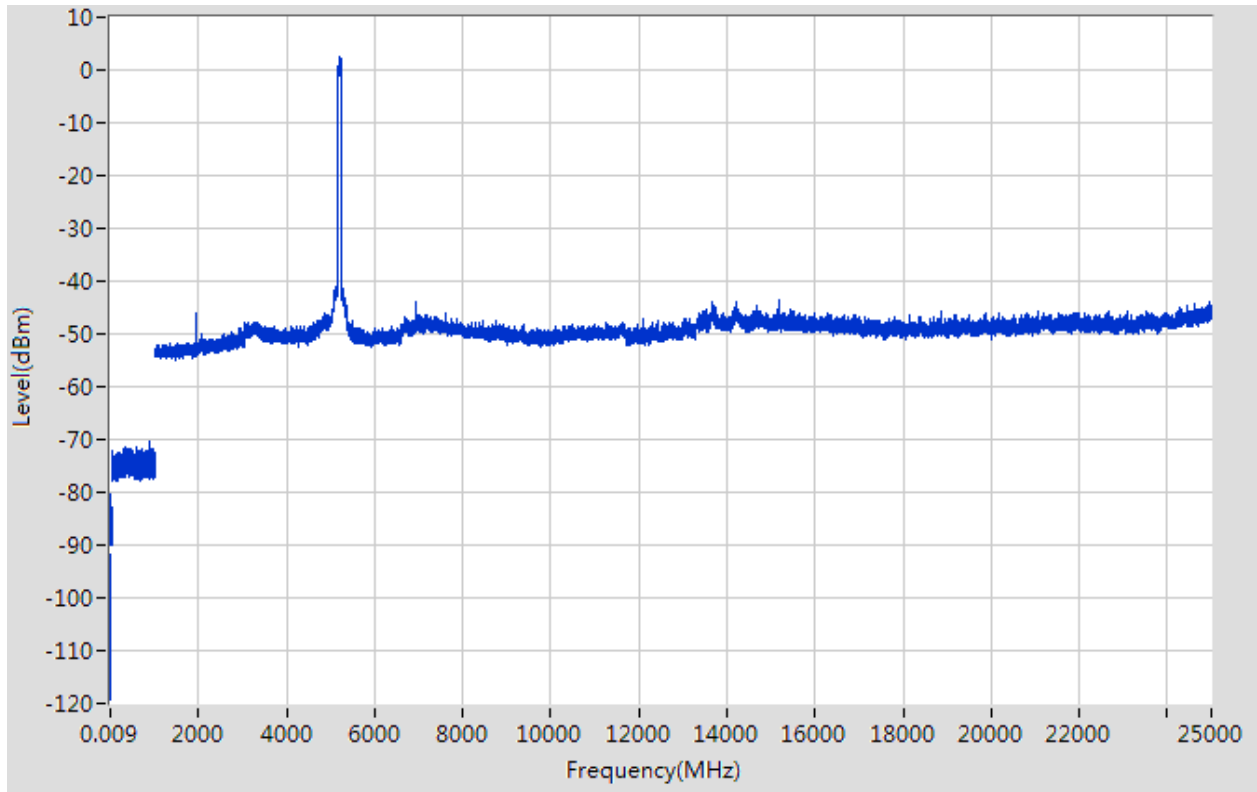
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11ac(HT80) CH42

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.009	-91.94	6	3	2	QP	11.32	68.20	56.88	Note 2	Pass
0.16	-80.48	6	3	2	QP	22.78	68.20	45.42	Note 2	Pass
898.065	-70.22	4.7	3	2	QP	31.74	68.20	36.46	Note 2	Pass
5207.842	2.41	0	3	2	PK	99.67	N/A	N/A	Note 1	N/A
	1.02		3	2	AV	98.28	N/A	N/A		N/A
6947.22	-43.97	0	3	2	PK	53.29	68.20	14.91	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11624.946	-47.88	0	3	2	PK	49.38	74.00	24.62	--	Pass
	-49.27		3	2	AV	47.99	54.00	6.01	Note 3	Pass
15205.428	-43.51	0	3	2	PK	53.75	68.20	14.45	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band I 11ac(HT80) CH42, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

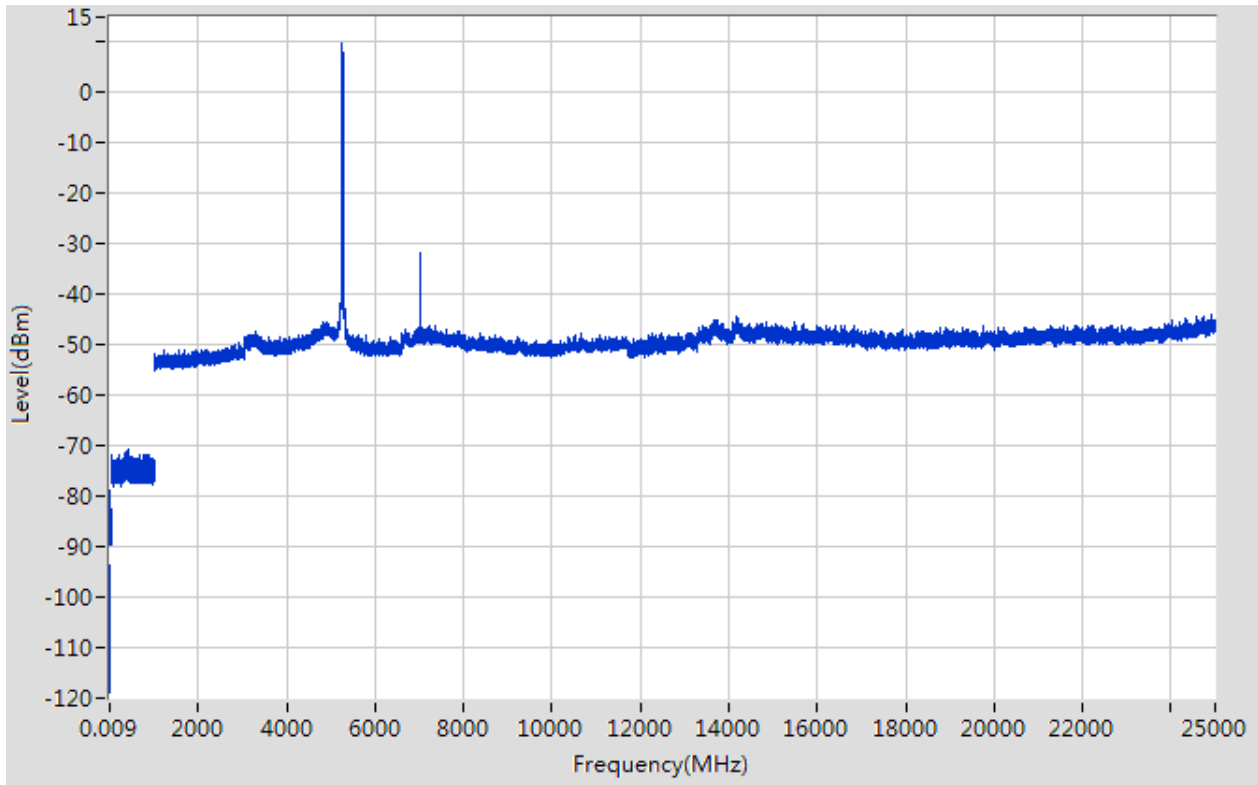
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11a CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.016	-93.68	6	3	2	QP	9.58	68.20	58.62	Note 2	Pass
0.15	-78.96	6	3	2	QP	24.30	68.20	43.90	Note 2	Pass
433.949	-70.7	4.7	3	2	QP	31.26	68.20	36.94	Note 2	Pass
5260.852	9.97	0	3	2	PK	107.23	N/A	N/A	Note 1	N/A
	9.68		3	2	AV	106.94	N/A	N/A		N/A
7013.236	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10639.242	-47.51	0	3	2	PK	49.75	74.00	24.25	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24895.98	-44.14	0	3	2	PK	53.12	68.20	15.08	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11a CH52, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

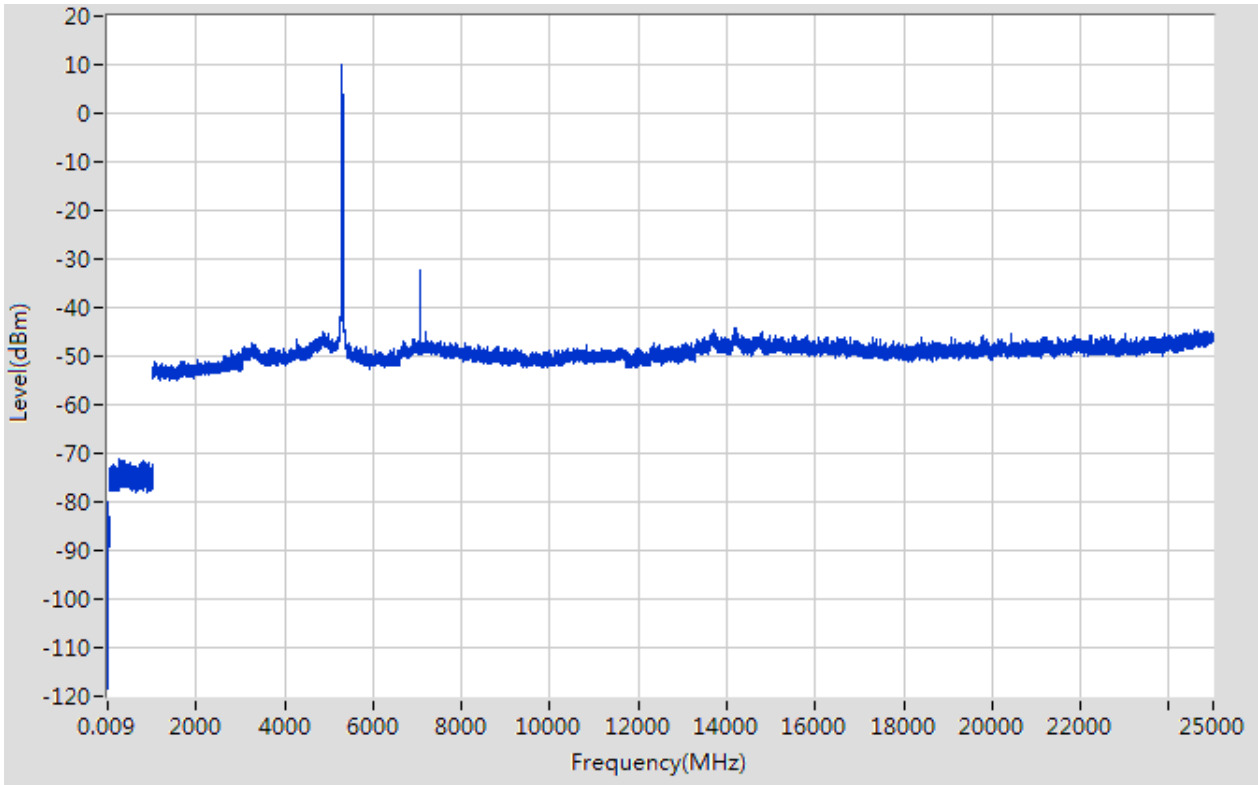
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11a CH60

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-89.54	6	3	2	QP	13.72	68.20	54.48	Note 2	Pass
0.23	-79.9	6	3	2	QP	23.36	68.20	44.84	Note 2	Pass
260.828	-71.08	4.7	3	2	QP	30.88	46.00	15.12	Note 2	Pass
5296.859	10.06	0	3	2	PK	107.32	N/A	N/A	Note 1	N/A
	9.77		3	2	AV	107.03	N/A	N/A		N/A
7067.248	-32.32	0	3	2	PK	64.94	68.20	3.26	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10839.385	-47.84	0	3	2	PK	49.42	74.00	24.58	--	Pass
	-48.13		3	2	AV	49.13	54.00	4.87	Note 3	Pass
14175.302	-44.12	0	3	2	PK	53.14	68.20	15.06	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11a CH60, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

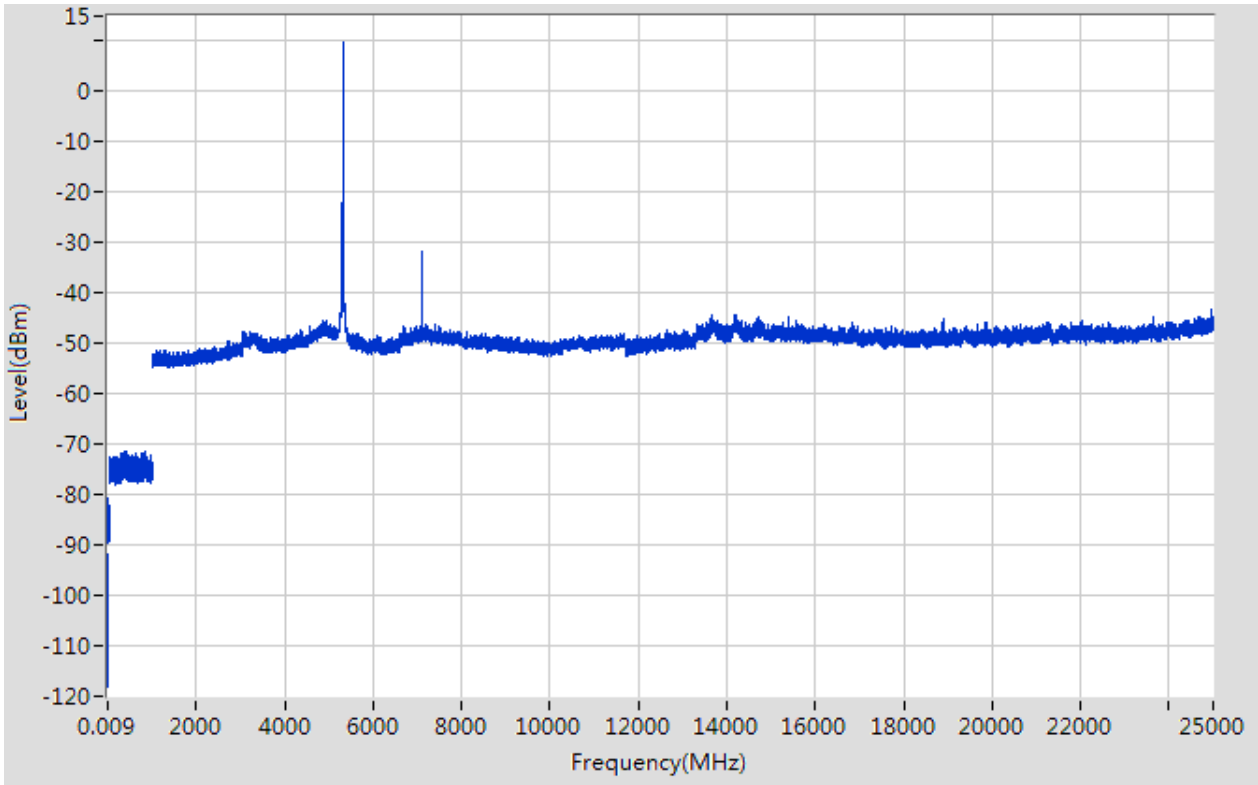
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11a CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.019	-91.77	6	3	2	QP	11.49	68.20	56.71	Note 2	Pass
0.21	-80.6	6	3	2	QP	22.66	68.20	45.54	Note 2	Pass
369.941	-71.3	4.7	3	2	QP	30.66	68.20	37.54	Note 2	Pass
5320.864	9.86	0	3	2	PK	107.12	N/A	N/A	Note 1	N/A
	9.57		3	2	AV	106.83	N/A	N/A		N/A
7093.254	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11687.991	-48.11	0	3	2	PK	49.15	74.00	24.85	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24955.991	-43.1	0	3	2	PK	54.16	68.20	14.04	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11a CH64, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

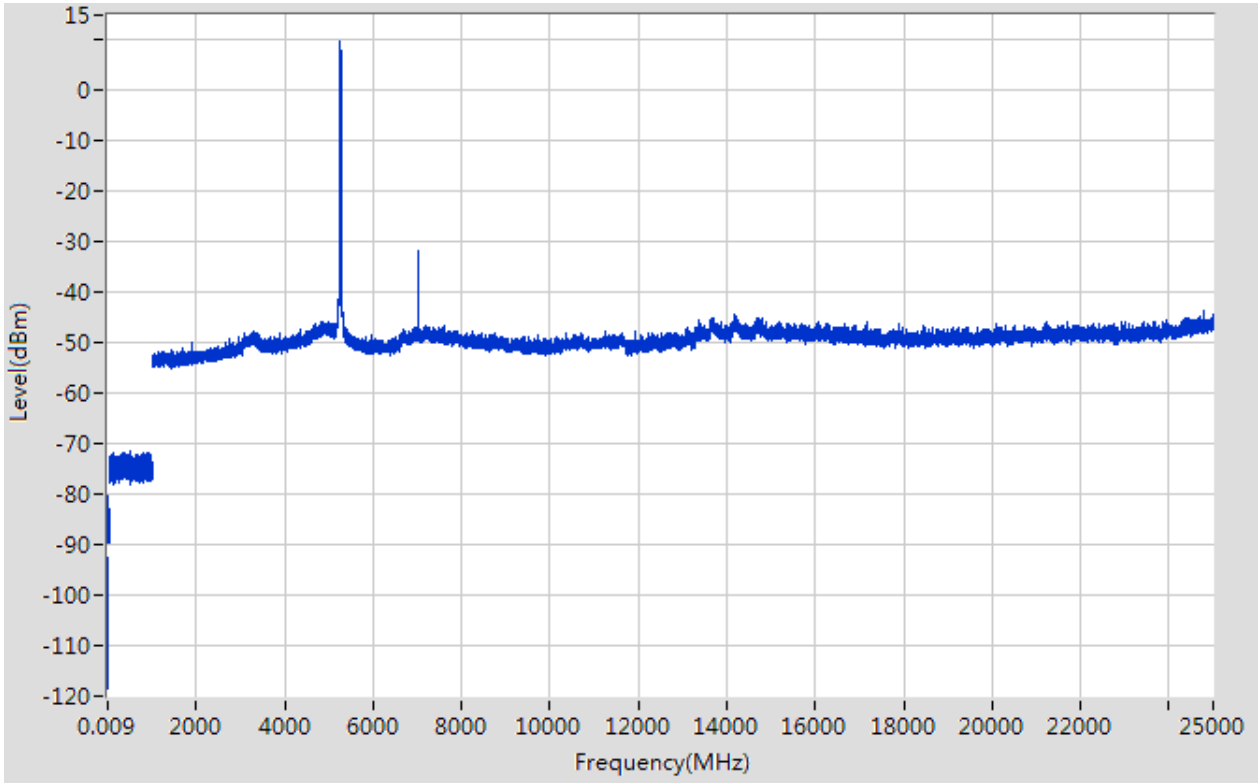
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11 n (HT20) CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.016	-92.61	6	3	2	QP	10.65	68.20	57.55	Note 2	Pass
0.26	-80.15	6	3	2	QP	23.11	68.20	45.09	Note 2	Pass
490.856	-71.55	4.7	3	2	QP	30.41	68.20	37.79	Note 2	Pass
5258.852	9.79	0	3	2	PK	107.05	N/A	N/A	Note 1	N/A
	9.50		3	2	AV	106.76	N/A	N/A		N/A
7013.236	-31.88	0	3	2	PK	65.38	68.20	2.82	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11238.67	-47.85	0	3	2	PK	49.41	74.00	24.59	--	Pass
	-48.14		3	2	AV	49.12	54.00	4.88	Note 3	Pass
24800.961	-43.72	0	3	2	PK	53.54	68.20	14.66	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT20) CH52, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

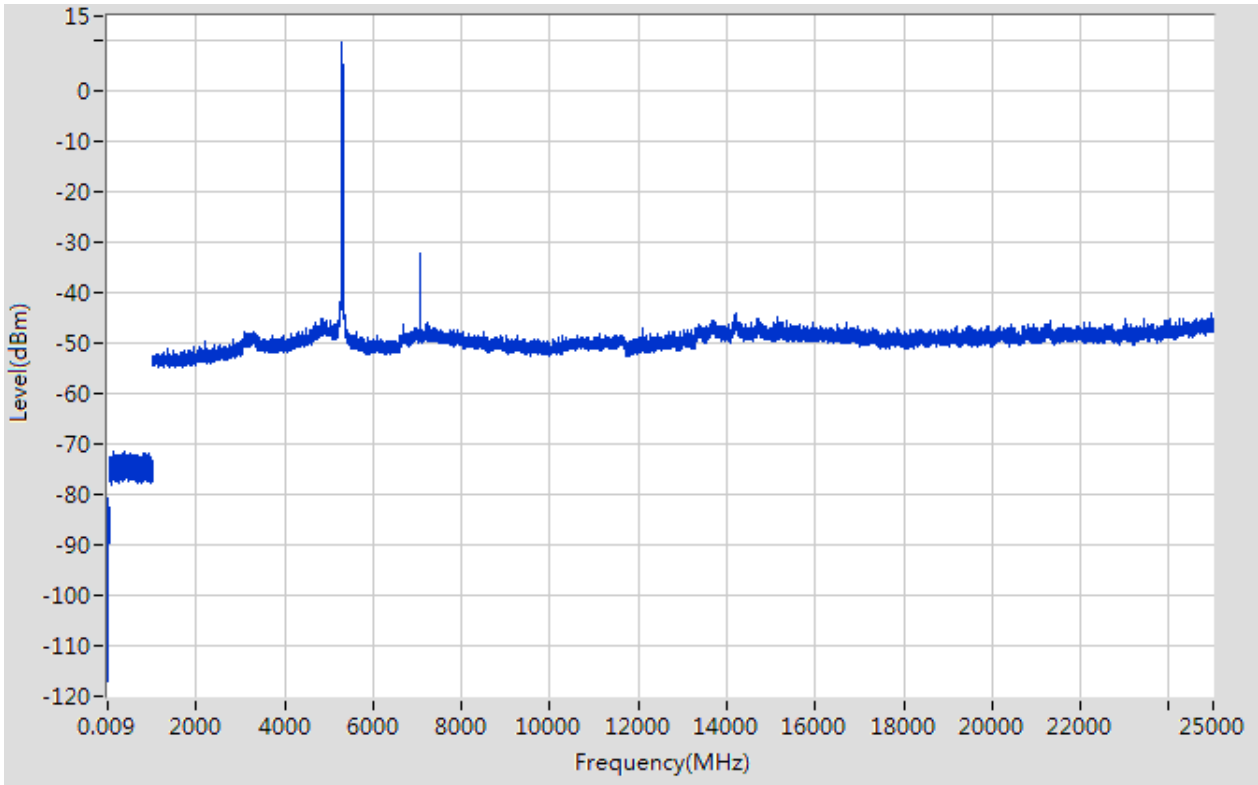
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11 n (HT20) CH60

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-89.39	6	3	2	QP	13.87	68.20	54.33	Note 2	Pass
0.15	-80.58	6	3	2	QP	22.68	68.20	45.52	Note 2	Pass
368.641	-71.37	4.7	3	2	QP	30.59	68.20	37.61	Note 2	Pass
5301.86	9.77	0	3	2	PK	107.03	N/A	N/A	Note 1	N/A
	9.48		3	2	AV	106.74	N/A	N/A		N/A
7066.248	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11131.594	-48.12	0	3	2	PK	49.14	74.00	24.86	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24961.993	-43.91	0	3	2	PK	53.35	68.20	14.85	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT20) CH60, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

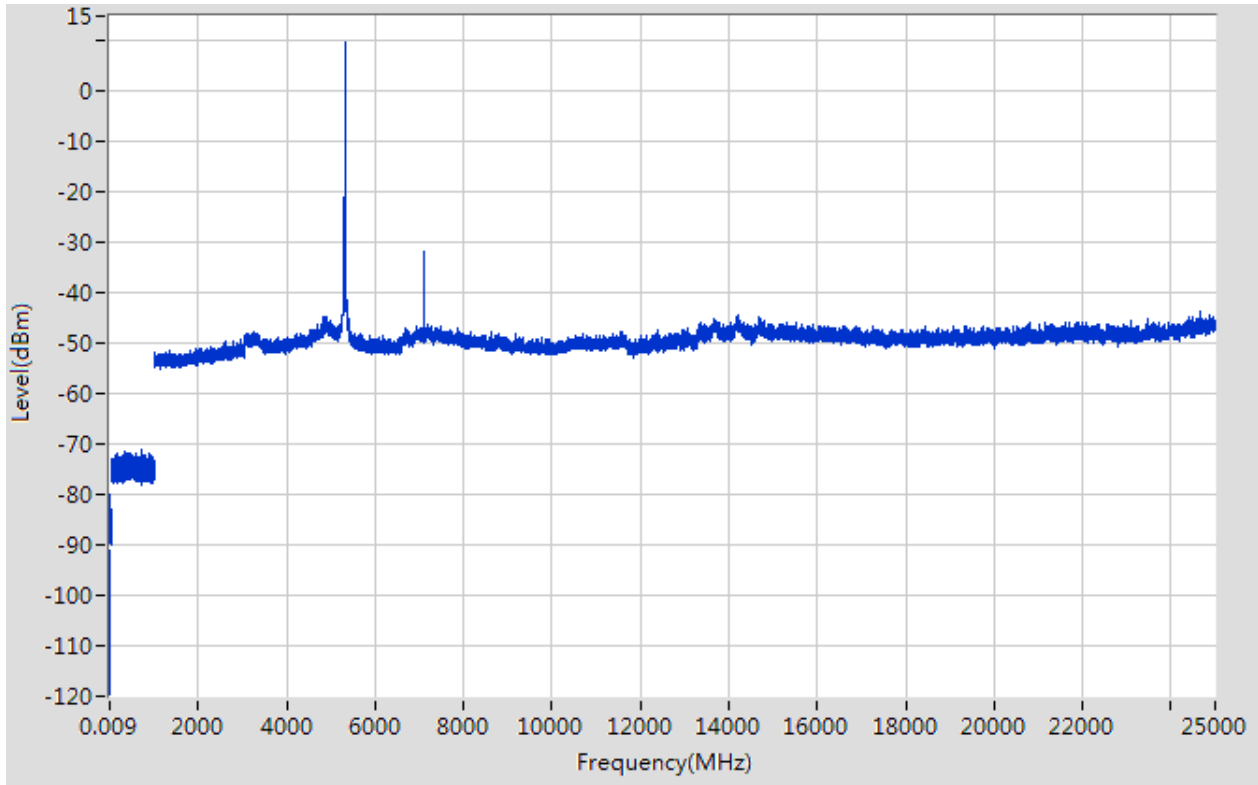
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11 n (HT20) CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-91.03	6	3	2	QP	12.23	68.20	55.97	Note 2	Pass
0.2	-79.93	6	3	2	QP	23.33	68.20	44.87	Note 2	Pass
726.685	-71.19	4.7	3	2	QP	30.77	68.20	37.43	Note 2	Pass
5316.863	9.66	0	3	2	PK	106.92	N/A	N/A	Note 1	N/A
	9.37		3	2	AV	106.63	N/A	N/A		N/A
7093.254	-31.63	0	3	2	PK	65.63	68.20	2.57	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11608.935	-47.52	0	3	2	PK	49.74	74.00	24.26	--	Pass
	-47.81		3	2	AV	49.45	54.00	4.55	Note 3	Pass
24652.932	-43.48	0	3	2	PK	53.78	68.20	14.42	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT20) CH64, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

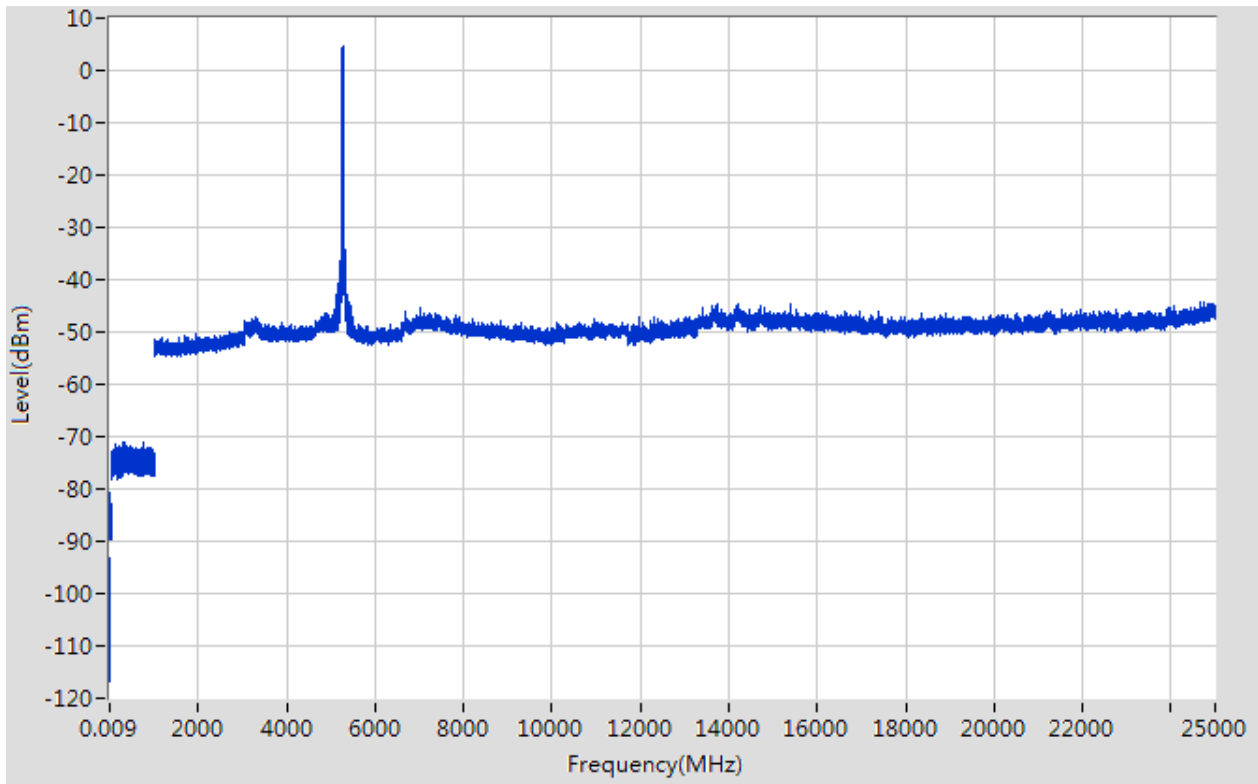
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11 n (HT40) CH54

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-93.18	6	3	2	QP	10.08	68.20	58.12	Note 2	Pass
0.18	-80.76	6	3	2	QP	22.50	68.20	45.70	Note 2	Pass
307.034	-71.07	4.7	3	2	QP	30.89	68.20	37.31	Note 2	Pass
5274.855	4.47	0	3	2	PK	101.73	N/A	N/A	Note 1	N/A
	4.18		3	2	AV	101.44	N/A	N/A		N/A
7027.239	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10956.469	-47.67	0	3	2	PK	49.59	74.00	24.41	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24739.949	-44.23	0	3	2	PK	53.03	68.20	15.17	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT40) CH54, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

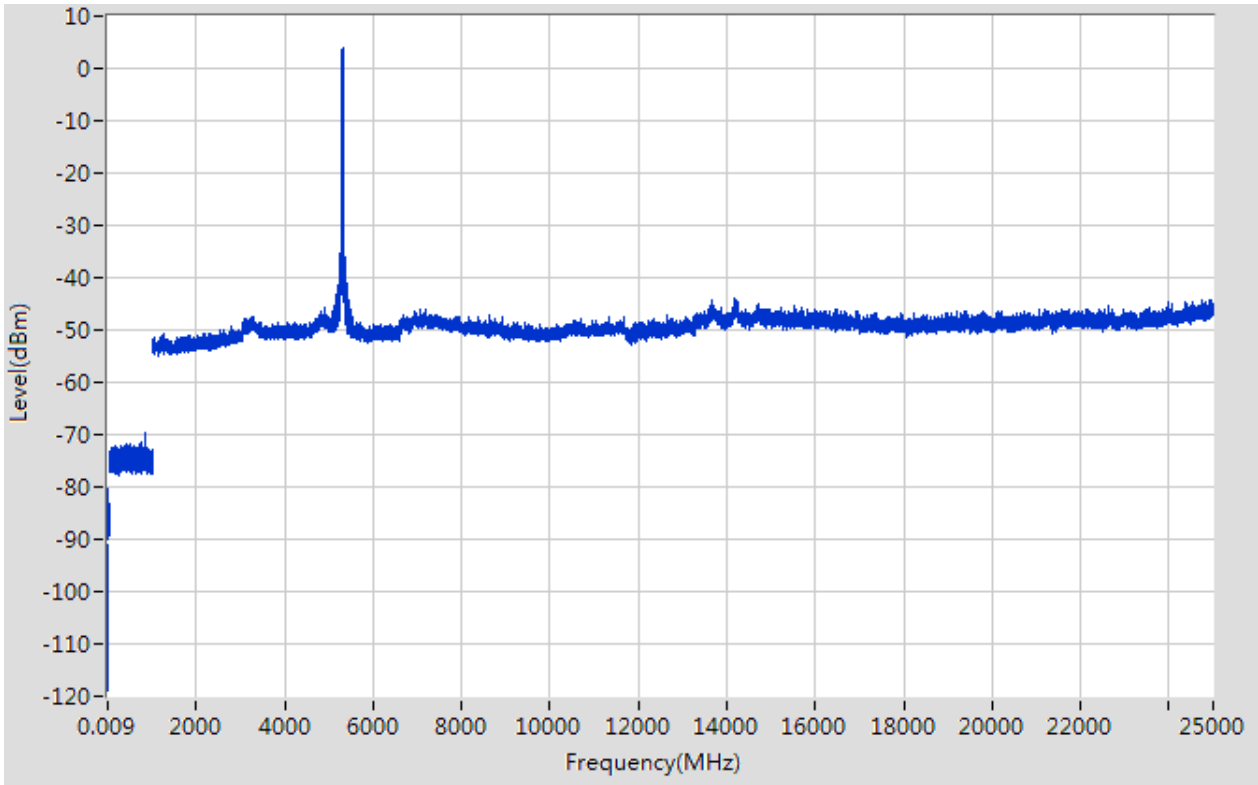
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11n (HT40) CH62

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-90.96	6	3	2	QP	12.30	68.20	55.90	Note 2	Pass
0.19	-80.18	6	3	2	QP	23.08	68.20	45.12	Note 2	Pass
827.997	-69.74	4.7	3	2	QP	32.22	68.20	35.98	Note 2	Pass
5314.863	4.02	0	3	2	PK	101.28	N/A	N/A	Note 1	N/A
	3.44		3	2	AV	100.69	N/A	N/A		N/A
7172.273	-45.95	0	3	2	PK	51.31	68.20	16.89	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11324.732	-47.37	0	3	2	PK	49.89	74.00	24.11	--	Pass
	-47.95		3	2	AV	49.30	54.00	4.70	Note 3	Pass
14187.304	-43.78	0	3	2	PK	53.48	68.20	14.72	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 n (HT40) CH62, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

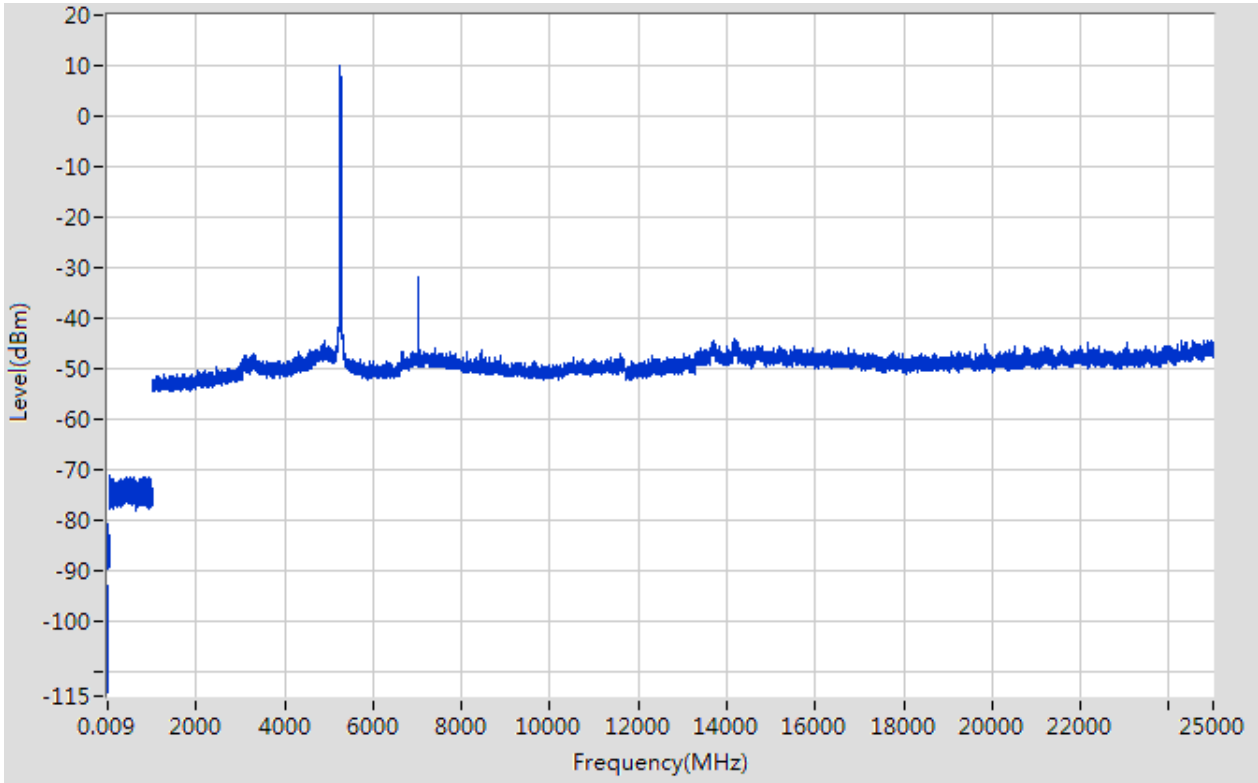
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac (HT20) CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-93.25	6	3	2	QP	10.01	68.20	58.19	Note 2	Pass
0.48	-80.71	6	3	2	QP	22.55	68.20	45.65	Note 2	Pass
44.202	-71.26	4.7	3	2	QP	30.70	68.20	37.50	Note 2	Pass
5256.851	10.05	0	3	2	PK	107.31	N/A	N/A	Note 1	N/A
	9.76		3	2	AV	107.02	N/A	N/A		N/A
7013.236	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11606.934	-47.03	0	3	2	PK	50.23	74.00	23.77	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14185.303	-44.11	0	3	2	PK	53.15	68.20	15.05	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac (HT20) CH52, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

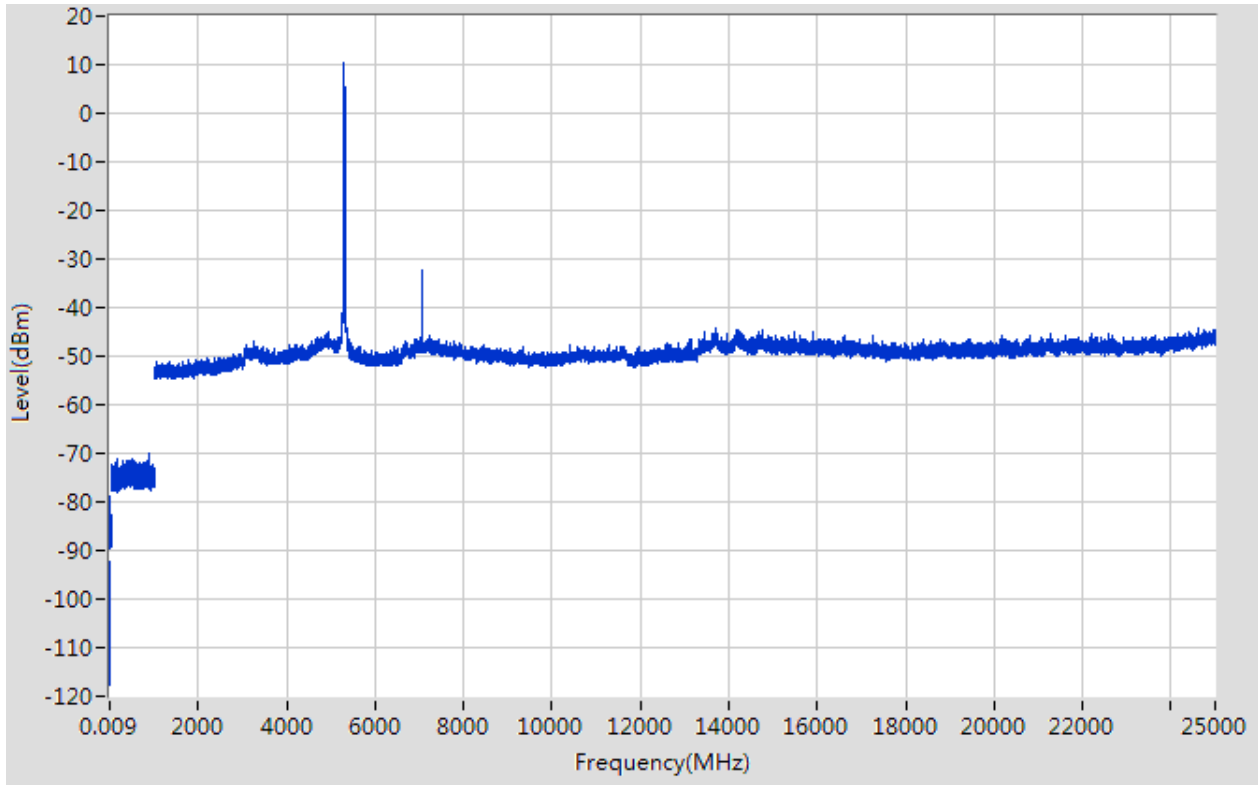
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac (HT20) CH60

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-92.25	6	3	2	QP	11.01	68.20	57.19	Note 2	Pass
0.36	-78.96	6	3	2	QP	24.30	68.20	43.90	Note 2	Pass
895.261	-69.86	4.7	3	2	QP	32.10	68.20	36.10	Note 2	Pass
5300.86	10.5	0	3	2	PK	107.76	N/A	N/A	Note 1	N/A
	9.95		3	2	AV	107.21	N/A	N/A		N/A
7066.248	-32.21	0	3	2	PK	65.05	68.20	3.15	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11273.695	-47.81	0	3	2	PK	49.45	74.00	24.55	--	Pass
	-48.36		3	2	AV	48.90	54.00	5.10	Note 3	Pass
24619.926	-44.17	0	3	2	PK	53.09	68.20	15.11	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac (HT20) CH60, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

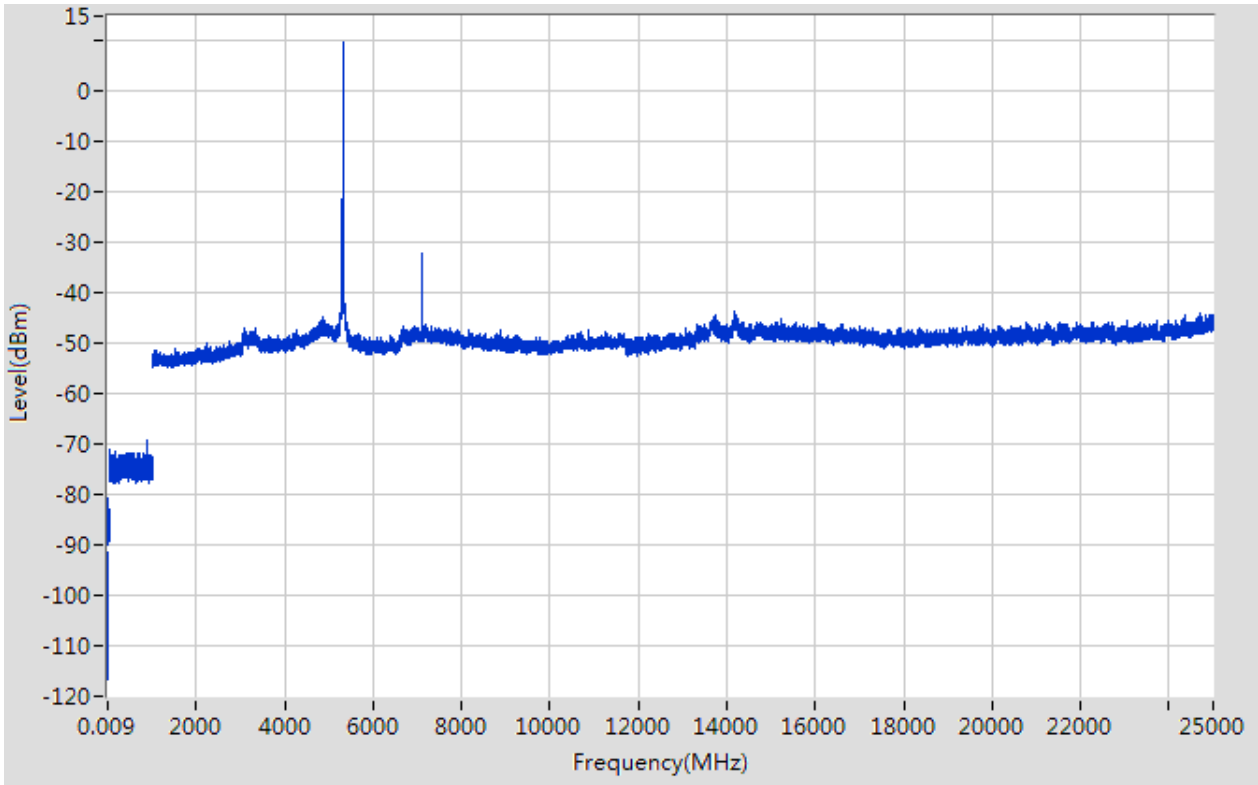
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac (HT20) CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-91.59	6	3	2	QP	11.67	68.20	56.53	Note 2	Pass
0.18	-80.67	6	3	2	QP	22.59	68.20	45.61	Note 2	Pass
892.558	-69.22	4.7	3	2	QP	32.74	68.20	35.46	Note 2	Pass
5316.863	9.89	0	3	2	PK	107.15	N/A	N/A	Note 1	N/A
	9.60		3	2	AV	106.86	N/A	N/A		N/A
7093.254	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10859.4	-47.48	0	3	2	PK	49.78	74.00	24.22	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14180.303	-43.7	0	3	2	PK	53.56	68.20	14.64	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac (HT20) CH64, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

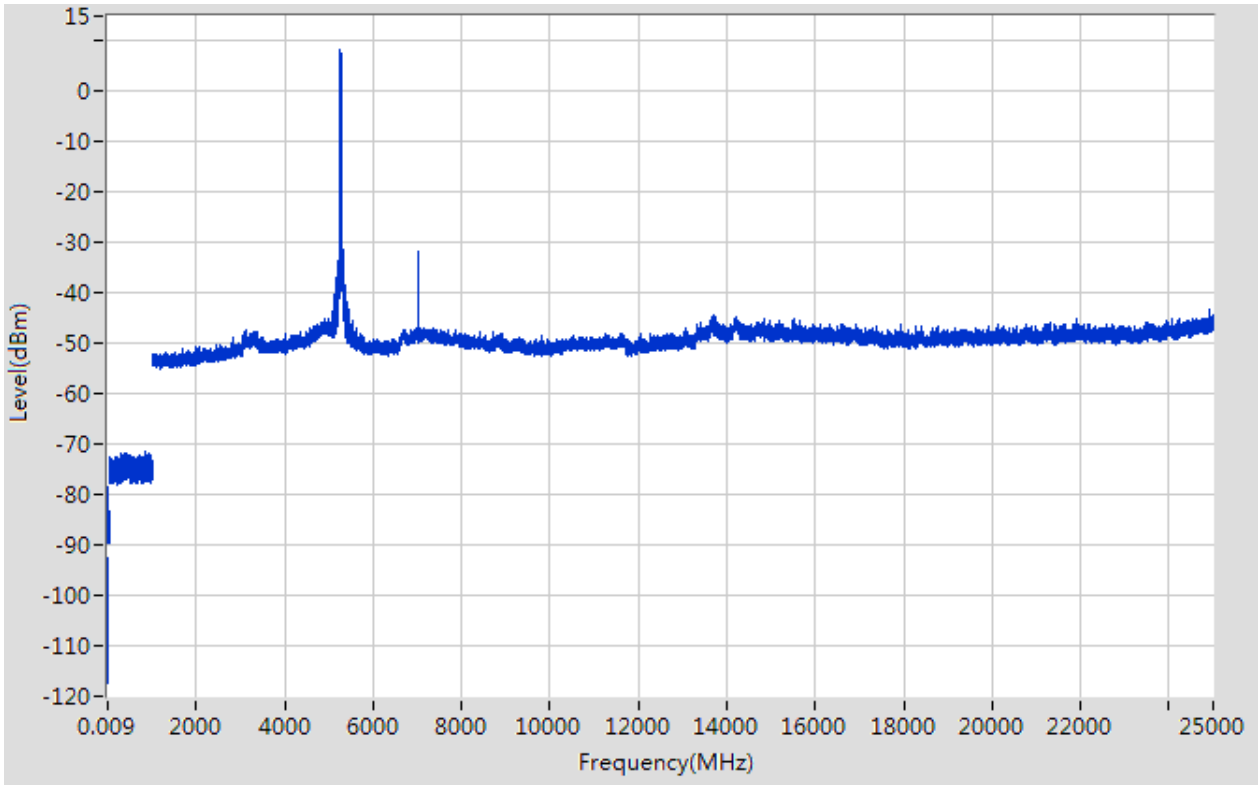
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac(HT40) CH54

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.015	-92.37	6	3	2	QP	10.89	68.20	57.31	Note 2	Pass
0.21	-78.33	6	3	2	QP	24.93	68.20	43.27	Note 2	Pass
838.399	-71.59	4.7	3	2	QP	30.37	68.20	37.83	Note 2	Pass
5265.853	8.17	0	3	2	PK	105.43	N/A	N/A	Note 1	N/A
	7.10		3	2	AV	104.35	N/A	N/A		N/A
7027.239	-31.84	0	3	2	PK	65.42	68.20	2.78	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11596.926	-47.99	0	3	2	PK	49.27	74.00	24.73	--	Pass
	-49.06		3	2	AV	48.19	54.00	5.81	Note 3	Pass
24909.982	-43.12	0	3	2	PK	54.14	68.20	14.06	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac(HT40) CH54, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

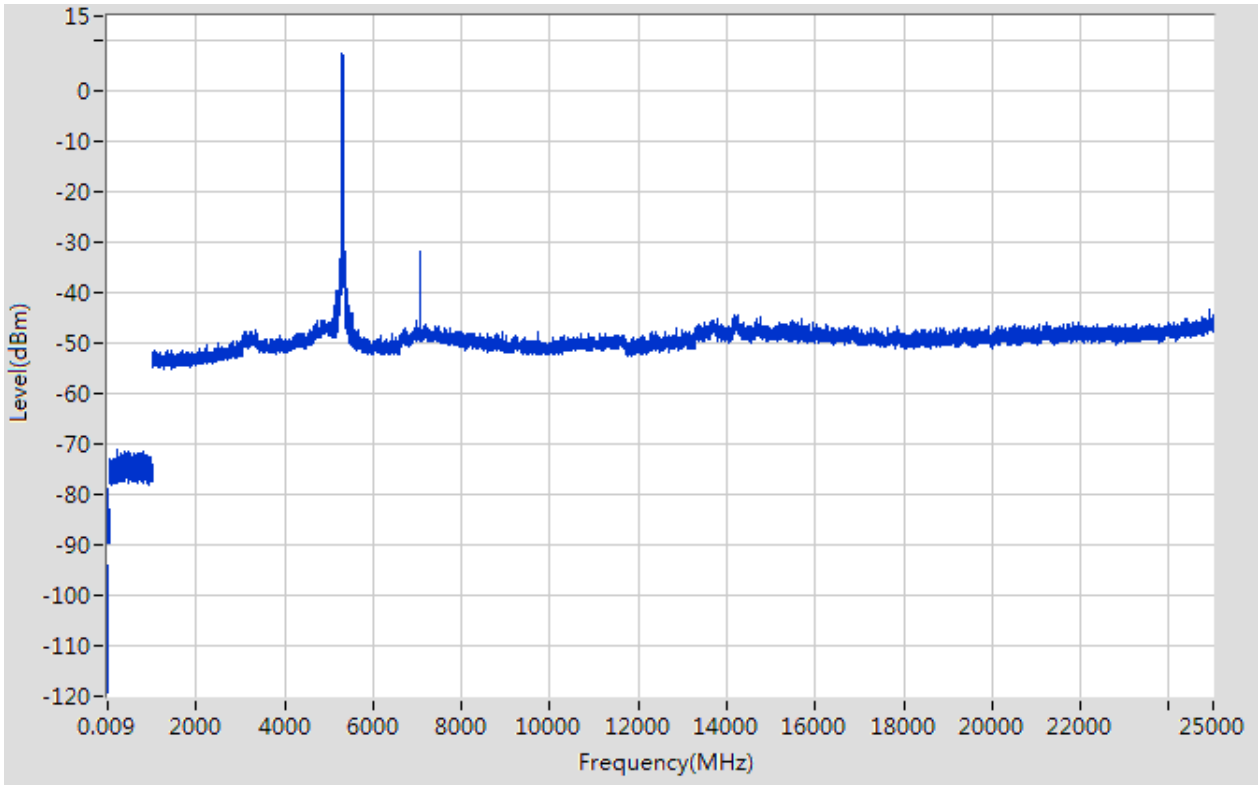
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac(HT40) CH62

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.016	-93.96	6	3	2	QP	9.30	68.20	58.90	Note 2	Pass
0.18	-78.91	6	3	2	QP	24.35	68.20	43.85	Note 2	Pass
202.721	-70.97	4.7	3	2	QP	30.99	68.20	37.21	Note 2	Pass
5304.861	7.6	0	3	2	PK	104.86	N/A	N/A	Note 1	N/A
	7.31		3	2	AV	104.57	N/A	N/A		N/A
7080.251	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10704.289	-48.17	0	3	2	PK	49.09	74.00	24.91	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24918.984	-43.17	0	3	2	PK	54.09	68.20	14.11	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11 ac (HT40) CH62, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

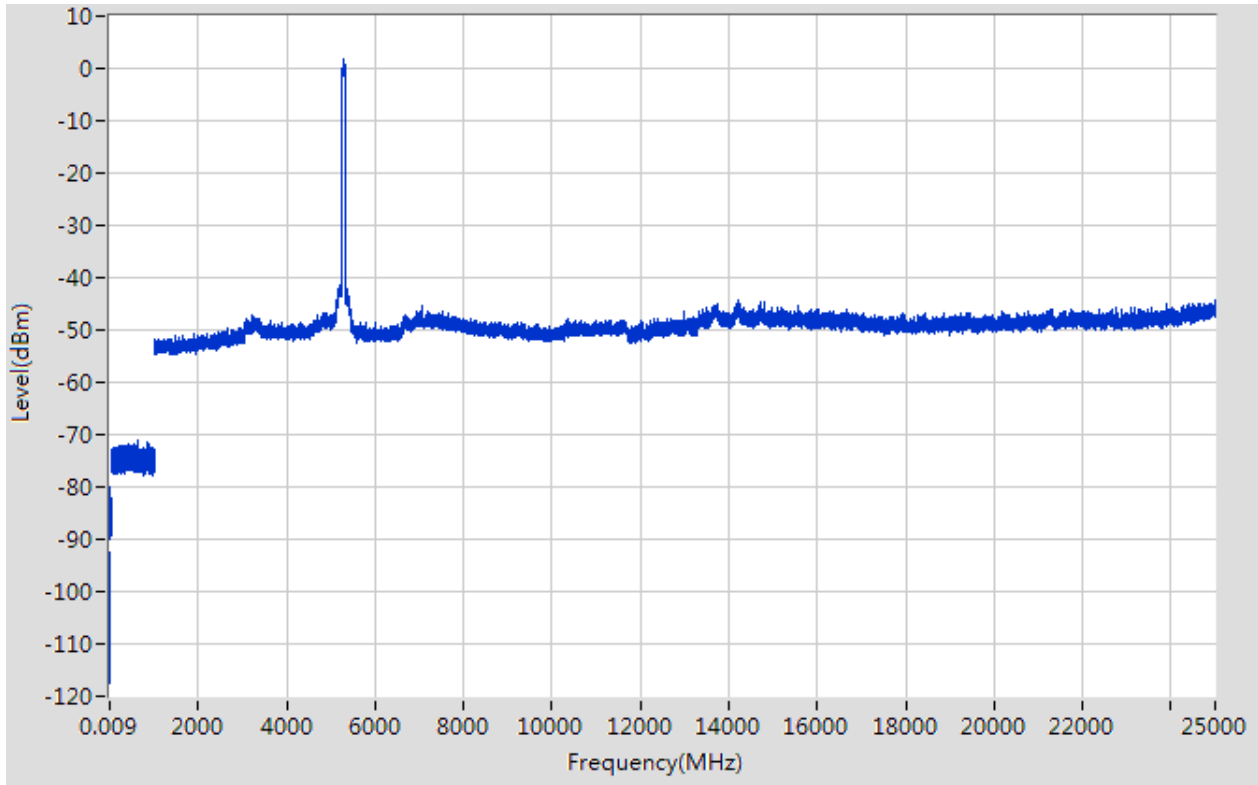
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band II 11ac(HT80) CH58

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-92.53	6	3	2	QP	10.73	68.20	57.47	Note 2	Pass
0.2	-80.13	6	3	2	QP	23.13	68.20	45.07	Note 2	Pass
640.174	-71.17	4.7	3	2	QP	30.79	68.20	37.41	Note 2	Pass
5285.857	1.65	0	3	2	PK	98.91	N/A	N/A	Note 1	N/A
	0.26		3	2	AV	97.52	N/A	N/A		N/A
7053.245	-45.4	0	3	2	PK	51.86	68.20	16.34	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10367.048	-47.91	0	3	2	PK	49.35	68.20	18.85	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
14206.306	-44.18	0	3	2	PK	53.08	68.20	15.12	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band II 11ac(HT80) CH58, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

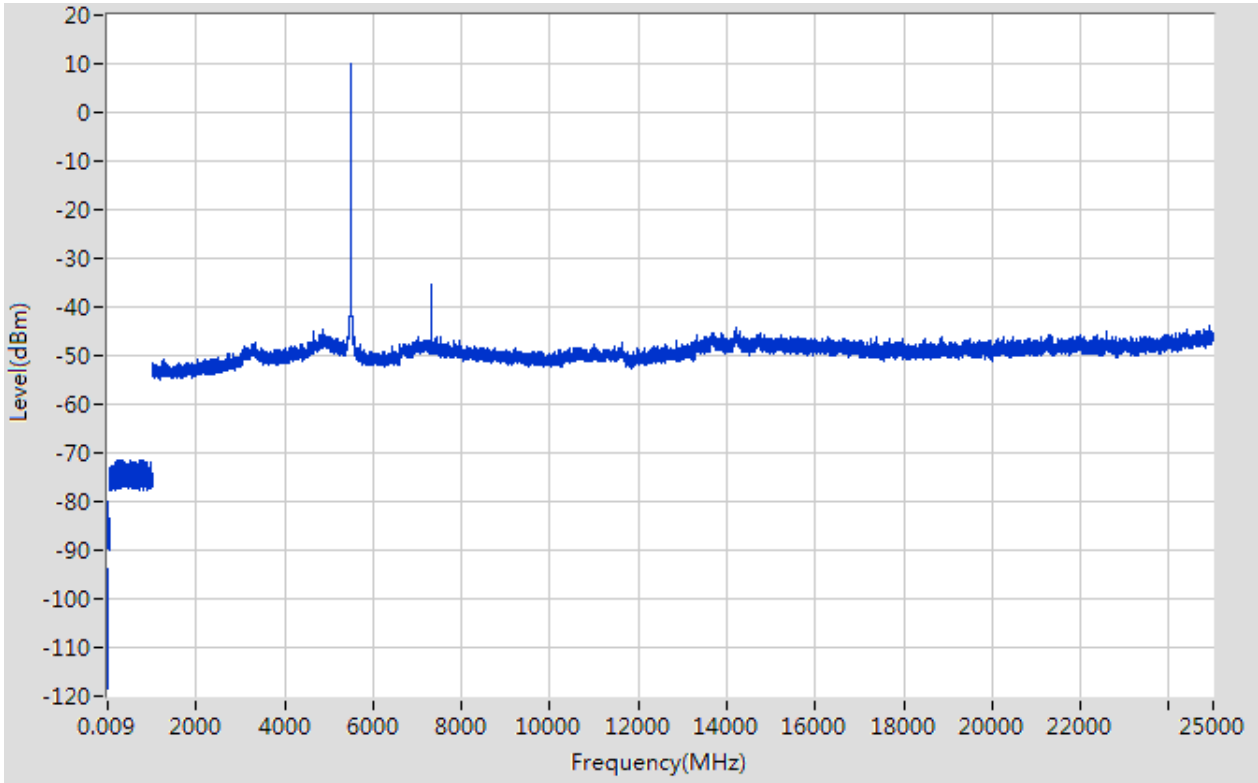
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11a CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.013	-94.01	6	3	2	QP	9.25	68.20	58.95	Note 2	Pass
0.16	-80.05	6	3	2	QP	23.21	68.20	44.99	Note 2	Pass
238.025	-71.42	4.7	3	2	QP	30.54	68.20	37.66	Note 2	Pass
5497.9	10.13	0	3	2	PK	107.39	N/A	N/A	Note 1	N/A
	9.84		3	2	AV	107.10	N/A	N/A		N/A
7333.31	-31	0	3	2	PK	66.26	74.00	7.74	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11636.955	-47.19	0	3	2	PK	50.07	74.00	23.93	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24915.984	-43.71	0	3	2	PK	53.55	68.20	14.65	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11a CH100, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

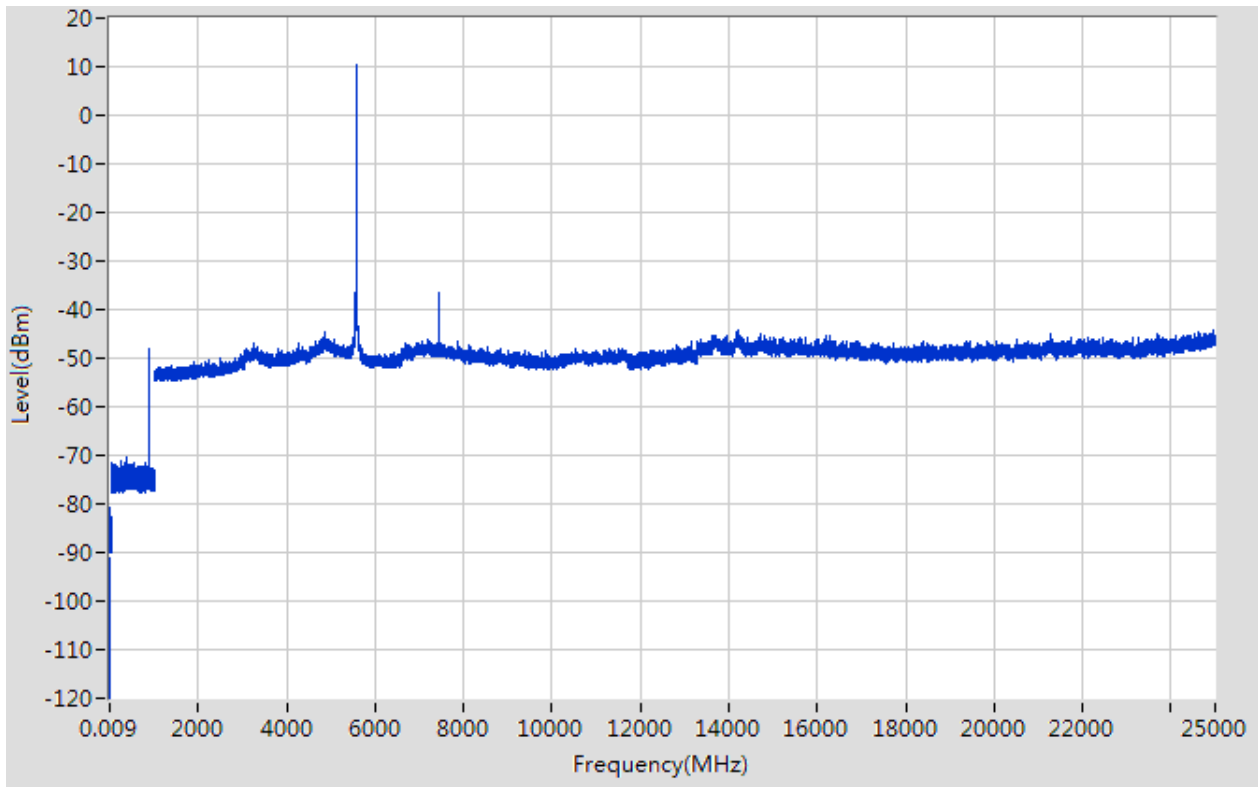
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11a CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.026	-91	6	3	2	QP	12.26	68.20	55.94	Note 2	Pass
0.19	-80.95	6	3	2	QP	22.31	68.20	45.89	Note 2	Pass
895.662	-48.22	4.7	3	2	QP	53.74	68.20	14.46	Note 2	Pass
5576.915	10.43	0	3	2	PK	107.69	N/A	N/A	Note 1	N/A
	10.14		3	2	AV	107.40	N/A	N/A		N/A
7440.335	-36.36	0	3	2	PK	60.90	74.00	13.10	--	Pass
	-54.37		3	2	AV	42.89	54.00	11.11	Note 3	Pass
11520.872	-48.04	0	3	2	PK	49.22	74.00	24.78	--	Pass
	-48.33		3	2	AV	48.93	54.00	5.07	Note 3	Pass
14199.305	-44.13	0	3	2	PK	53.13	68.20	15.07	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11a CH116, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

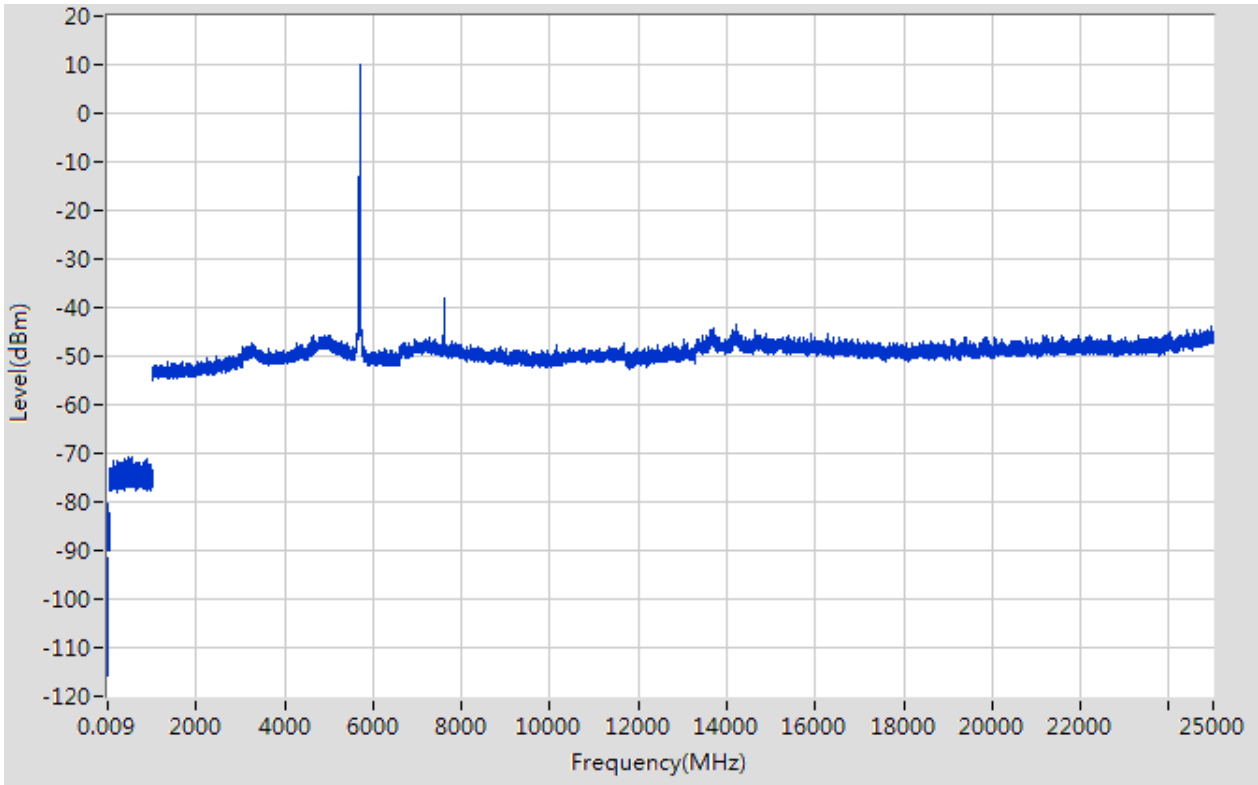
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11a CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.019	-91.46	6	3	2	QP	11.80	68.20	56.40	Note 2	Pass
0.42	-80.43	6	3	2	QP	22.83	68.20	45.37	Note 2	Pass
551.664	-70.87	4.7	3	2	QP	31.09	68.20	37.11	Note 2	Pass
5696.939	10.04	0	3	2	PK	107.30	N/A	N/A	Note 1	N/A
	9.75		3	2	AV	107.01	N/A	N/A		N/A
7600.372	-31	0	3	2	PK	66.26	74.00	7.74	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11678.985	-47.19	0	3	2	PK	50.07	74.00	23.93	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14202.305	-43.43	0	3	2	PK	53.83	68.20	14.37	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11a CH140, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

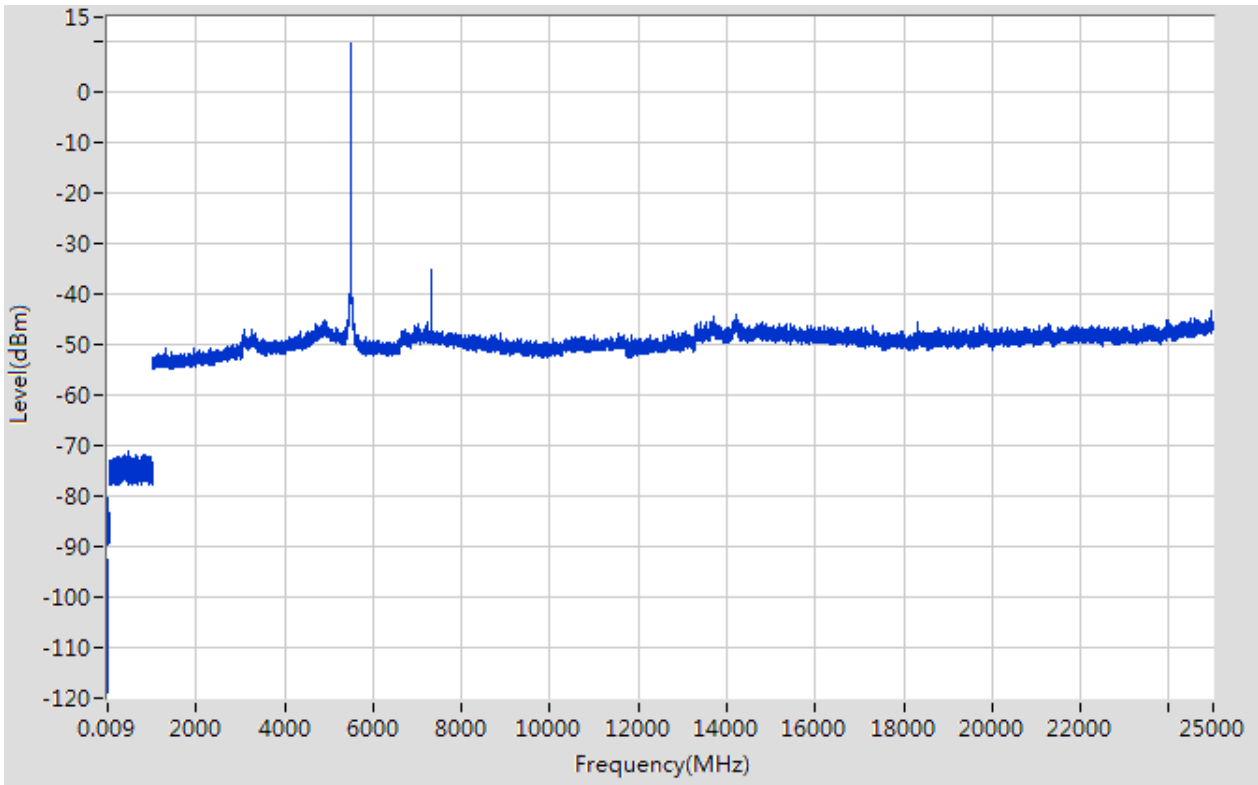
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11 n (HT20) CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-92.51	6	3	2	QP	10.75	68.20	57.45	Note 2	Pass
0.48	-80.19	6	3	2	QP	23.07	68.20	45.13	Note 2	Pass
478.655	-71.1	4.7	3	2	QP	30.86	68.20	37.34	Note 2	Pass
5501.9	9.99	0	3	2	PK	107.25	N/A	N/A	Note 1	N/A
	9.70		3	2	AV	106.96	N/A	N/A		N/A
7333.31	-35.11	0	3	2	PK	62.15	74.00	11.85	--	Pass
	-54.22		3	2	AV	43.04	54.00	10.96	Note 3	Pass
11547.891	-47.61	0	3	2	PK	49.65	74.00	24.35	--	Pass
	-47.90		3	2	AV	49.36	54.00	4.64	Note 3	Pass
24954.991	-43.11	0	3	2	PK	54.15	68.20	14.05	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT20) CH100, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

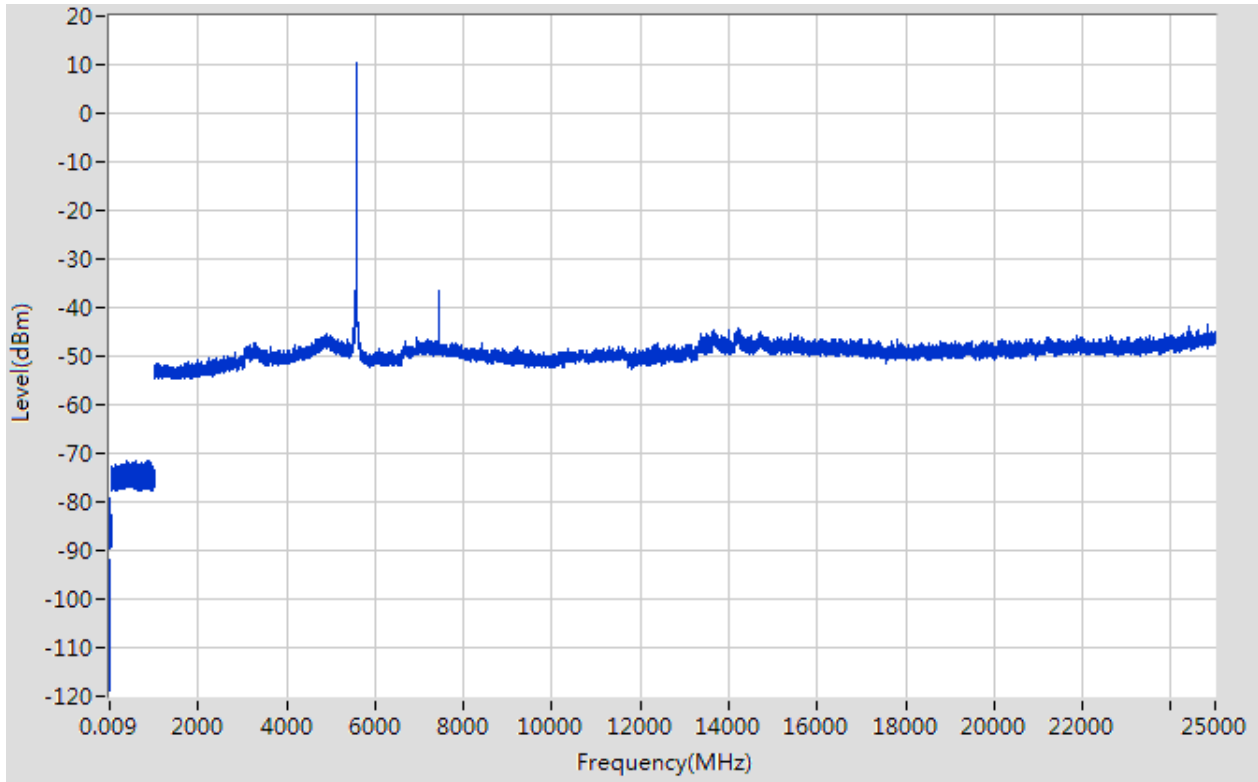
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11 n (HT20) CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.012	-91.91	6	3	2	QP	11.35	68.20	56.85	Note 2	Pass
0.24	-79.37	6	3	2	QP	23.89	68.20	44.31	Note 2	Pass
608.571	-71.53	4.7	3	2	QP	30.43	46.00	15.57	Note 2	Pass
5576.915	10.31	0	3	2	PK	107.57	N/A	N/A	Note 1	N/A
	10.02		3	2	AV	107.28	N/A	N/A		N/A
7440.335	-31	0	3	2	PK	66.26	74.00	7.74	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11488.849	-48.02	0	3	2	PK	49.24	74.00	24.76	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24834.968	-43.65	0	3	2	PK	53.61	68.20	14.59	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT20) CH116 SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

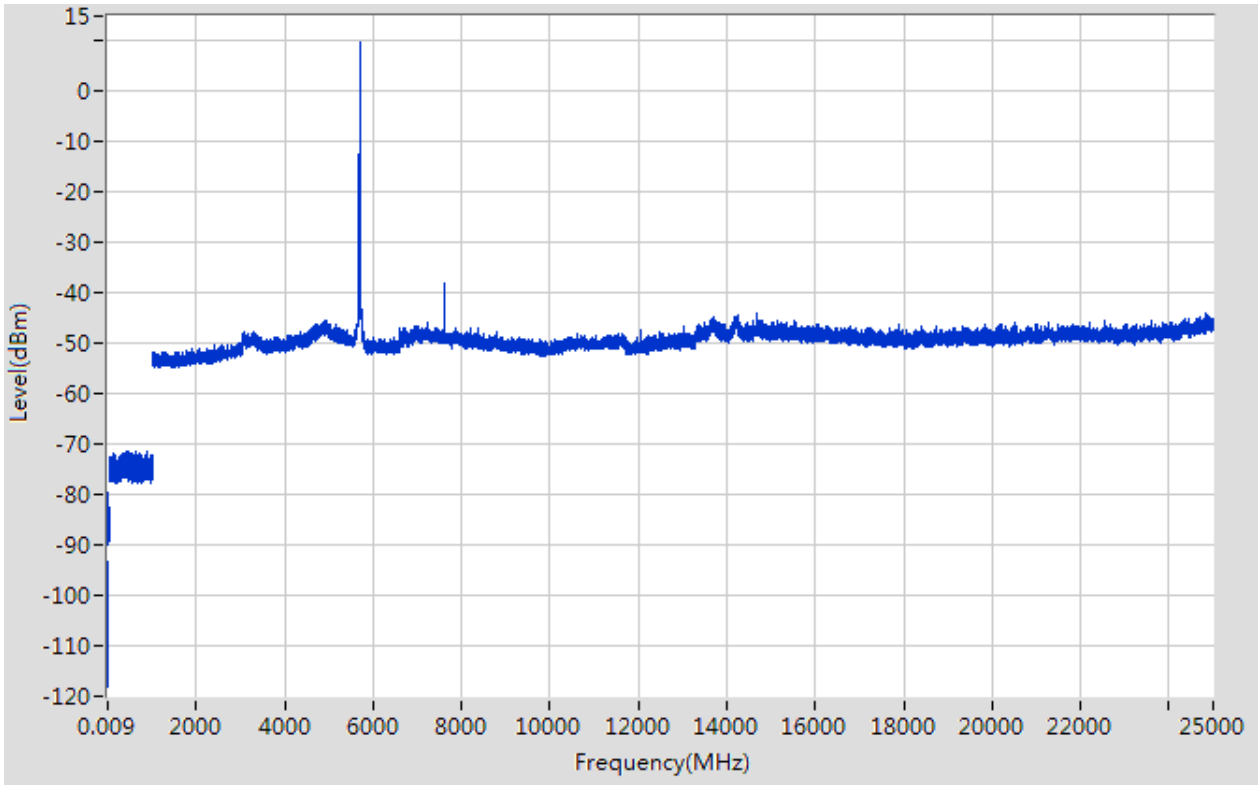
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11 n (HT20) CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.015	-93.47	6	3	2	QP	9.79	68.20	58.41	Note 2	Pass
0.24	-79.68	6	3	2	QP	23.58	68.20	44.62	Note 2	Pass
455.852	-71.44	4.7	3	2	QP	30.52	68.20	37.68	Note 2	Pass
5701.94	9.84	0	3	2	PK	107.10	N/A	N/A	Note 1	N/A
	9.55		3	2	AV	106.81	N/A	N/A		N/A
7600.372	-37.95	0	3	2	PK	59.31	74.00	14.69	--	Pass
	-55.75		3	2	AV	41.51	54.00	12.49	Note 3	Pass
11645.961	-48.13	0	3	2	PK	49.13	74.00	24.87	--	Pass
	-48.42		3	2	AV	48.84	54.00	5.16	Note 3	Pass
24827.966	-43.80	0	3	2	PK	53.46	68.20	14.74	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT20) CH140, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

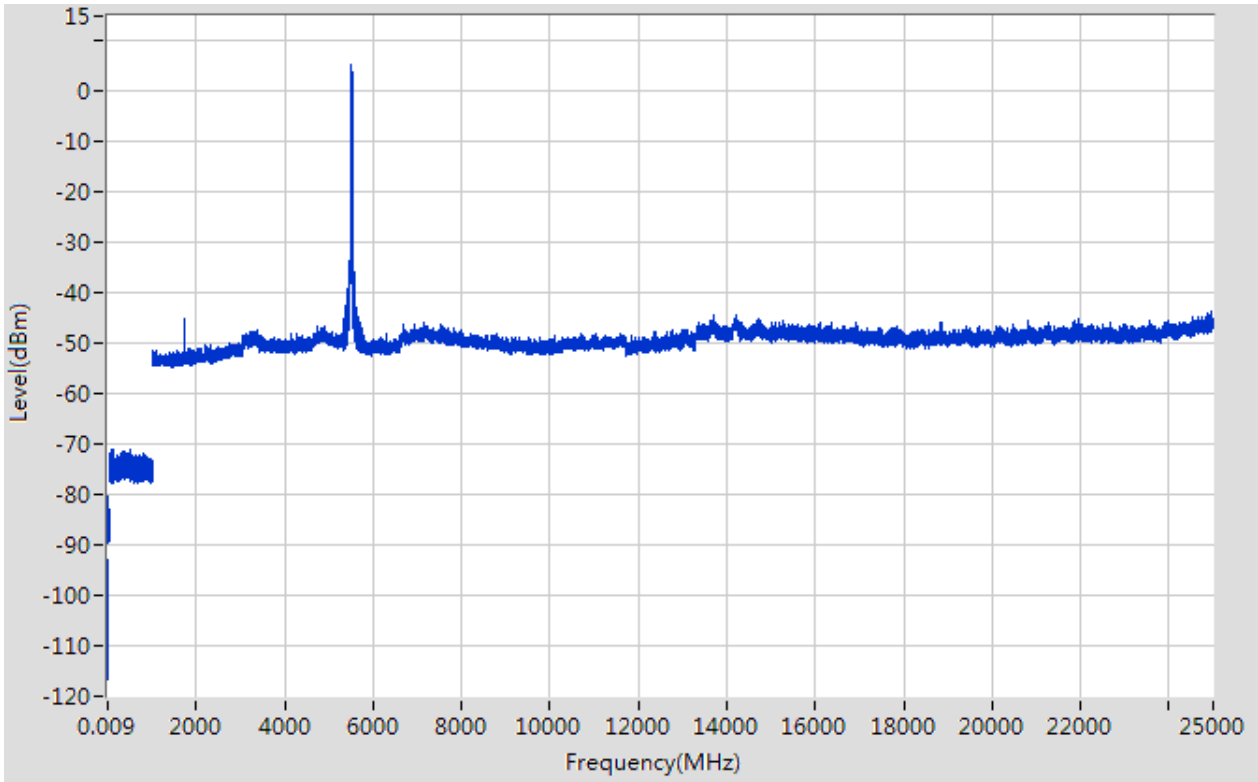
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11 n (HT40) CH102

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-92.98	6	3	2	QP	10.28	68.20	57.92	Note 2	Pass
0.77	-80.26	6	3	2	QP	23.00	68.20	45.20	Note 2	Pass
69.905	-70.9	4.7	3	2	QP	31.06	68.20	37.14	Note 2	Pass
5505.901	5.32	0	3	2	PK	102.58	N/A	N/A	Note 1	N/A
	5.03		3	2	AV	102.29	N/A	N/A		N/A
7164.271	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11576.912	-47.88	0	3	2	PK	49.38	74.00	24.62	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24938.988	-43.53	0	3	2	PK	53.73	68.20	14.47	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT40) CH102, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

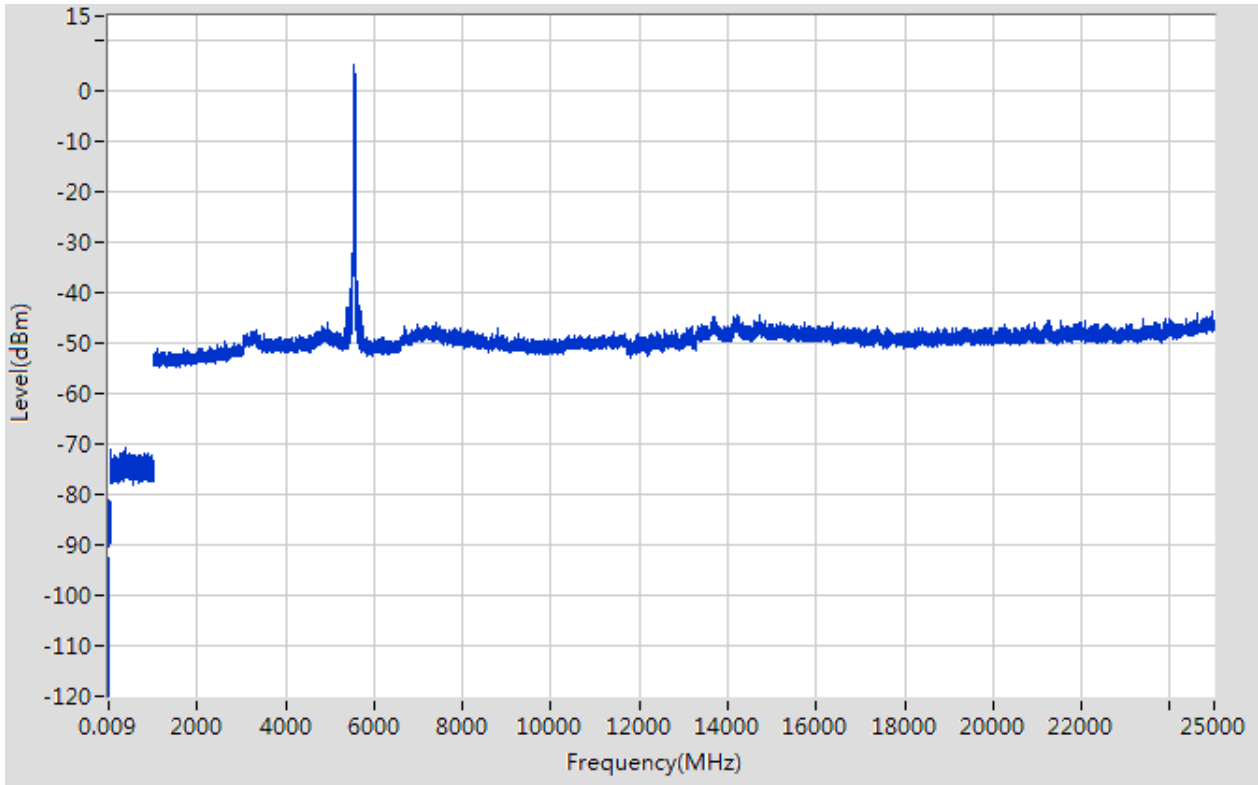
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11n (HT40) CH134

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.009	-92.98	6	3	2	QP	10.28	68.20	57.92	Note 2	Pass
0.77	-80.26	6	3	2	QP	23.00	68.20	45.20	Note 2	Pass
69.905	-70.9	4.7	3	2	QP	31.06	68.20	37.14	Note 2	Pass
5505.901	5.32	0	3	2	PK	102.58	N/A	N/A	Note 1	N/A
	4.74		3	2	AV	101.99	N/A	N/A		N/A
7164.271	-45.92	0	3	2	PK	51.34	68.20	16.86	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11576.912	-47.88	0	3	2	PK	49.38	74.00	24.62	--	Pass
	-48.46		3	2	AV	48.79	54.00	5.21	Note 3	Pass
24938.988	-43.53	0	3	2	PK	53.73	68.20	14.47	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 n (HT40) CH134, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

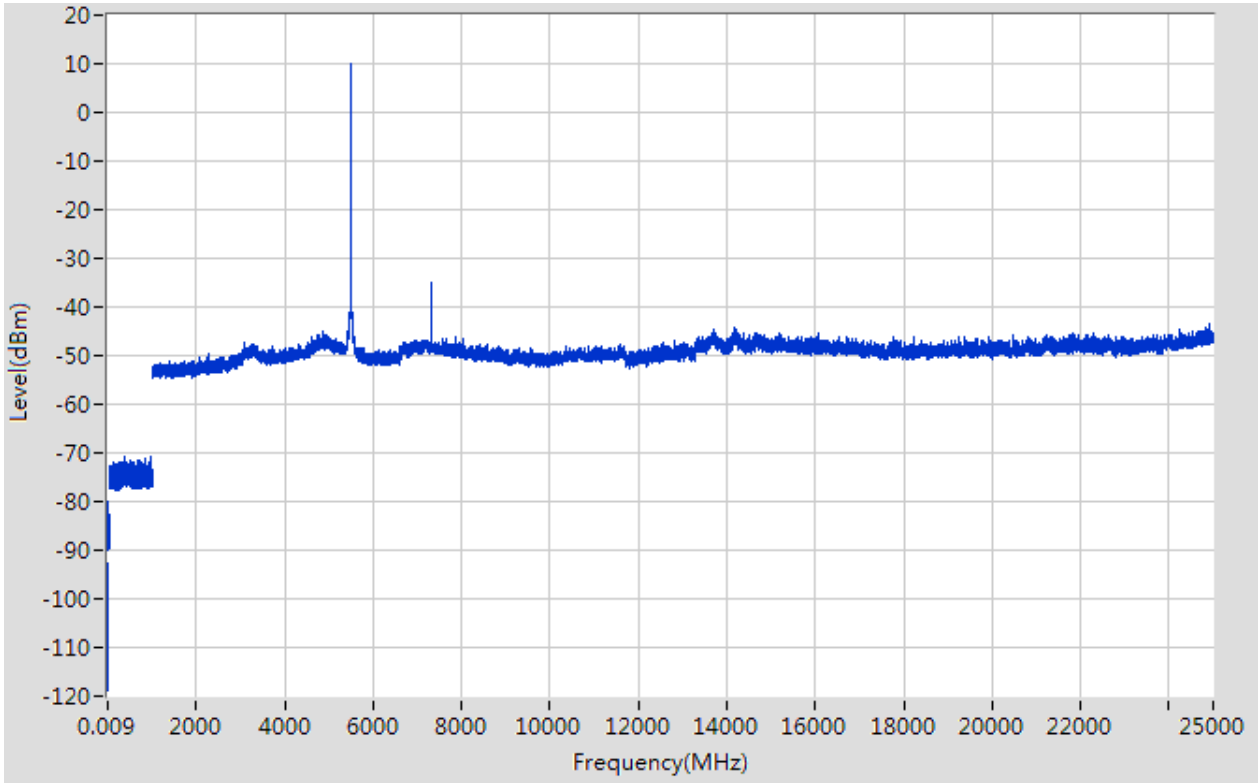
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac (HT20) CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.017	-92.58	6	3	2	QP	10.68	68.20	57.52	Note 2	Pass
0.55	-80.12	6	3	2	QP	23.14	68.20	45.06	Note 2	Pass
962.65	-70.89	4.7	3	2	QP	31.07	74.00	42.93	Note 2	Pass
5497.9	10.11	0	3	2	PK	107.37	N/A	N/A	Note 1	N/A
	9.82		3	2	AV	107.08	N/A	N/A		N/A
7333.31	-31	0	3	2	PK	66.26	74.00	7.74	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11595.926	-47.83	0	3	2	PK	49.43	74.00	24.57	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24921.985	-43.46	0	3	2	PK	53.80	68.20	14.40	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac (HT20) CH100, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

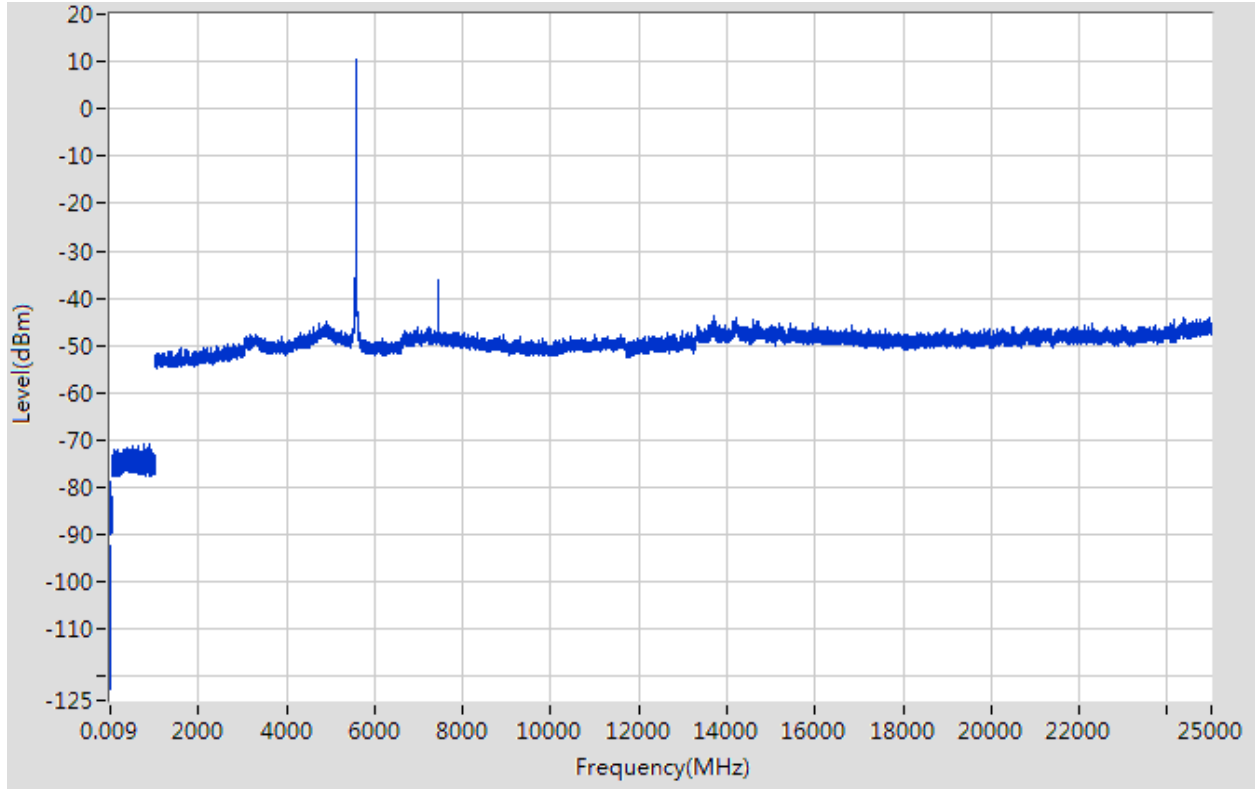
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac (HT20) CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.014	-92.79	6	3	2	QP	10.47	68.20	57.73	Note 2	Pass
0.55	-80.39	6	3	2	QP	22.87	68.20	45.33	Note 2	Pass
319.935	-71.17	4.7	3	2	QP	30.79	68.20	37.41	Note 2	Pass
5696.939	10.33	0	3	2	PK	107.59	N/A	N/A	Note 1	N/A
	9.78		3	2	AV	107.04	N/A	N/A		N/A
7600.372	-37.84	0	3	2	PK	59.42	74.00	14.58	--	Pass
	-55.16		3	2	AV	42.10	54.00	11.90	Note 3	Pass
11632.952	-47.35	0	3	2	PK	49.91	74.00	24.09	--	Pass
	-47.90		3	2	AV	49.36	54.00	4.64	Note 3	Pass
14209.306	-43.57	0	3	2	PK	53.69	68.20	14.51	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac (HT20) CH116, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

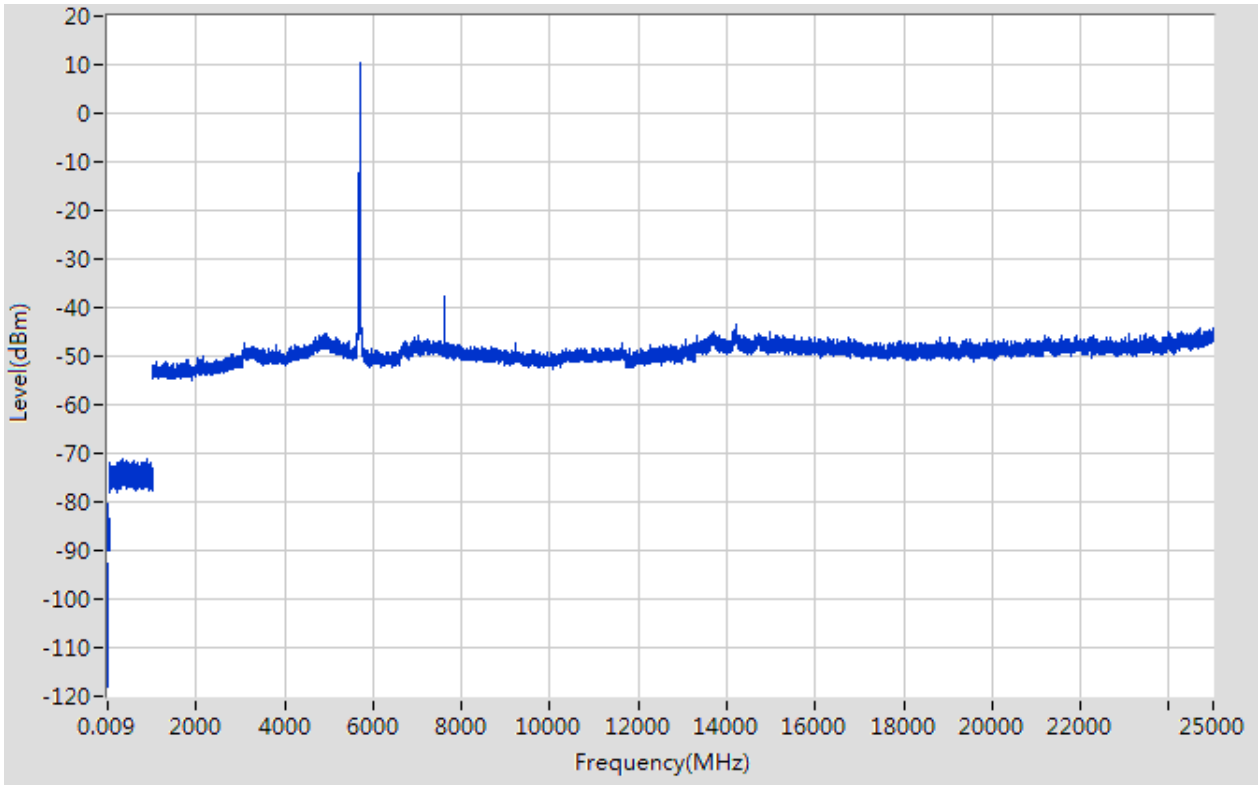
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac (HT20) CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.014	-92.79	6	3	2	QP	10.47	68.20	57.73	Note 2	Pass
0.55	-80.39	6	3	2	QP	22.87	68.20	45.33	Note 2	Pass
319.935	-71.17	4.7	3	2	QP	30.79	68.20	37.41	Note 2	Pass
5696.939	10.33	0	3	2	PK	107.59	N/A	N/A	Note 1	N/A
	10.04		3	2	AV	107.30	N/A	N/A		N/A
7600.372	-31	0	3	2	PK	66.26	74.00	7.74	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
11632.952	-47.35	0	3	2	PK	49.91	74.00	24.09	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14209.306	-43.57	0	3	2	PK	53.69	68.20	14.51	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac (HT20) CH140, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

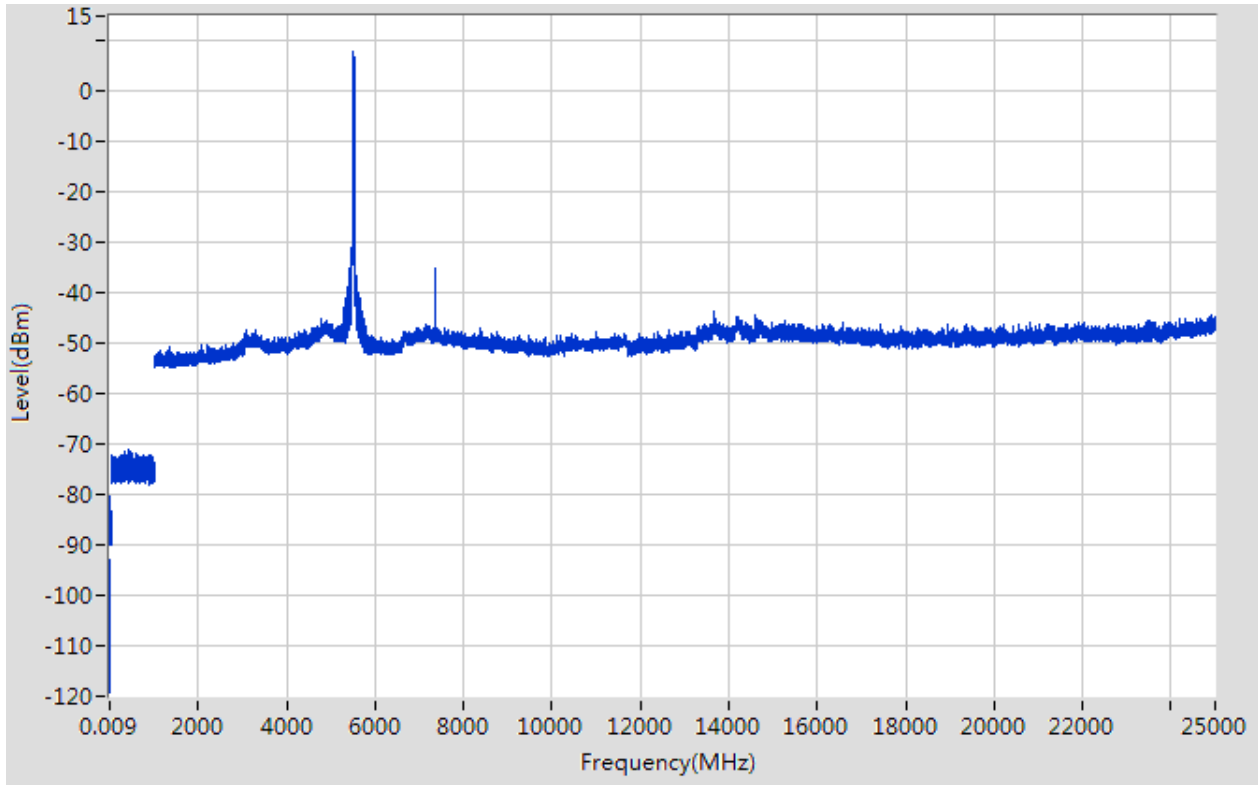
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac(HT40) CH102

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.043	-92.96	6	3	2	QP	10.30	68.20	57.90	Note 2	Pass
0.16	-80.24	6	3	2	QP	23.02	68.20	45.18	Note 2	Pass
433.649	-71.13	4.7	3	2	QP	30.83	68.20	37.37	Note 2	Pass
5505.901	7.97	0	3	2	PK	105.23	N/A	N/A	Note 1	N/A
	6.90		3	2	AV	104.15	N/A	N/A		N/A
7347.313	-35.1	0	3	2	PK	62.16	74.00	11.84	--	Pass
	-53.75		3	2	AV	43.51	54.00	10.49	Note 3	Pass
11008.506	-47.82	0	3	2	PK	49.44	74.00	24.56	--	Pass
	-48.89		3	2	AV	48.36	54.00	5.64	Note 3	Pass
13668.24	-43.71	0	3	2	PK	53.55	68.20	14.65	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac(HT40) CH102, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

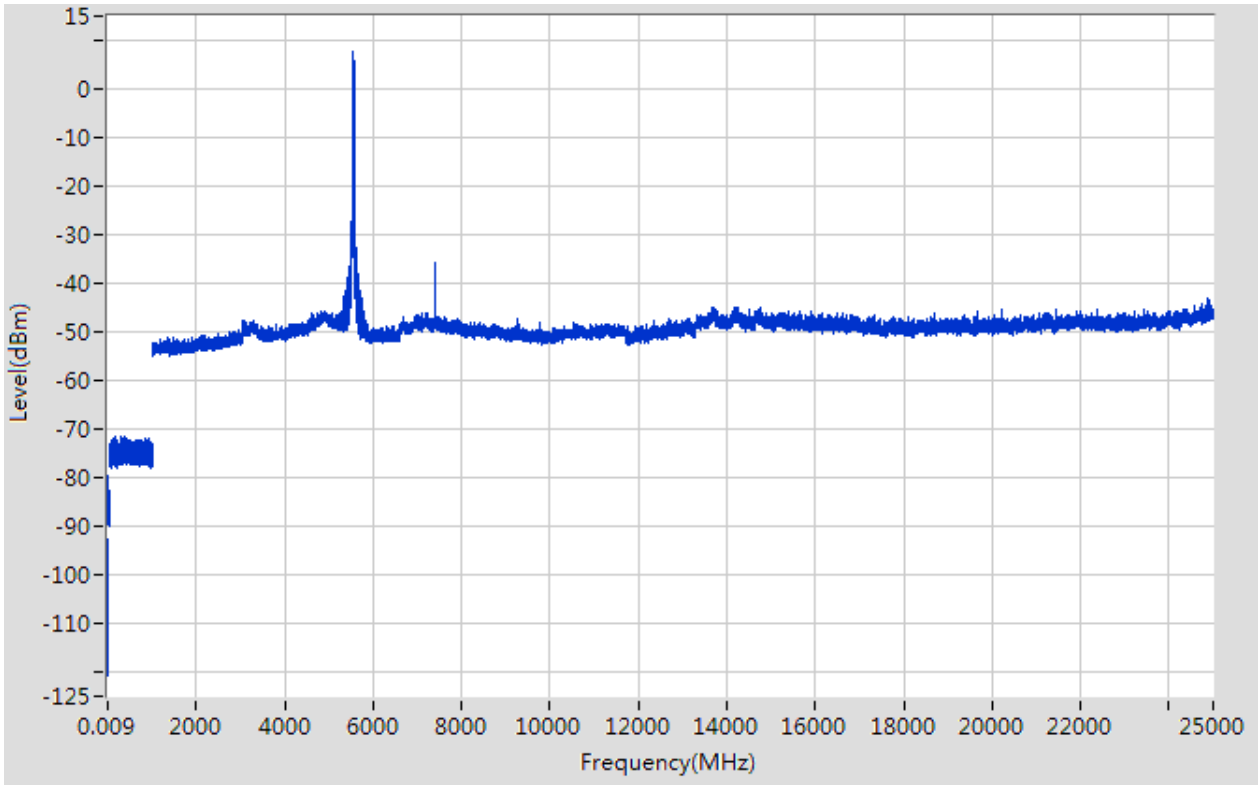
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac(HT40) CH134

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.012	-92.72	6	3	2	QP	10.54	68.20	57.66	Note 2	Pass
0.66	-79.8	6	3	2	QP	23.46	68.20	44.74	Note 2	Pass
154.815	-71.49	4.7	3	2	QP	30.47	68.20	37.73	Note 2	Pass
5545.909	7.81	0	3	2	PK	105.07	N/A	N/A	Note 1	N/A
	7.52		3	2	AV	104.78	N/A	N/A		N/A
7400.326	-31	0	3	2	PK	66.26	74.00	7.74	--	Pass
	-47.05		3	2	AV	50.21	54.00	3.79	Note 3	N/A
10546.176	-48.15	0	3	2	PK	49.11	68.20	19.09	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	Pass
24879.977	-43.13	0	3	2	PK	54.13	68.20	14.07	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11 ac (HT40) CH134, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.6 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

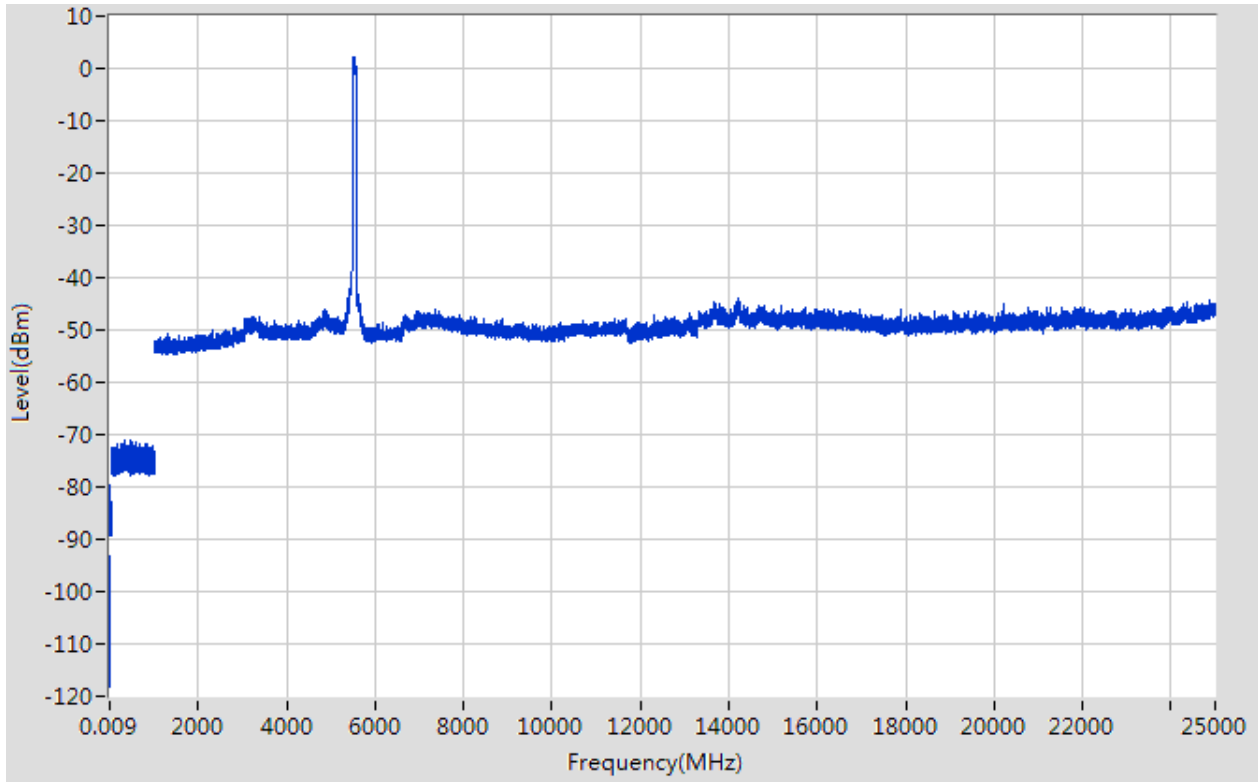
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band III 11ac(HT80) CH106

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-93.24	6	3	2	QP	10.02	68.20	58.18	Note 2	Pass
0.24	-79.65	6	3	2	QP	23.61	68.20	44.59	Note 2	Pass
356.94	-71.05	4.7	3	2	QP	30.91	68.20	37.29	Note 2	Pass
5518.904	2.32	0	3	2	PK	99.58	N/A	N/A	Note 1	N/A
	0.93		3	2	AV	98.19	N/A	N/A		N/A
7342.312	-45.9	0	3	2	PK	51.36	74.00	22.64	--	Pass
	-60.16		3	2	AV	37.10	54.00	16.90	Note 3	Pass
11666.976	-47.7	0	3	2	PK	49.56	74.00	24.44	--	Pass
	-49.09		3	2	AV	48.17	54.00	5.83	Note 3	Pass
14211.307	-44.10	0	3	2	PK	53.16	68.20	15.04	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band III 11ac(HT80) CH106, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

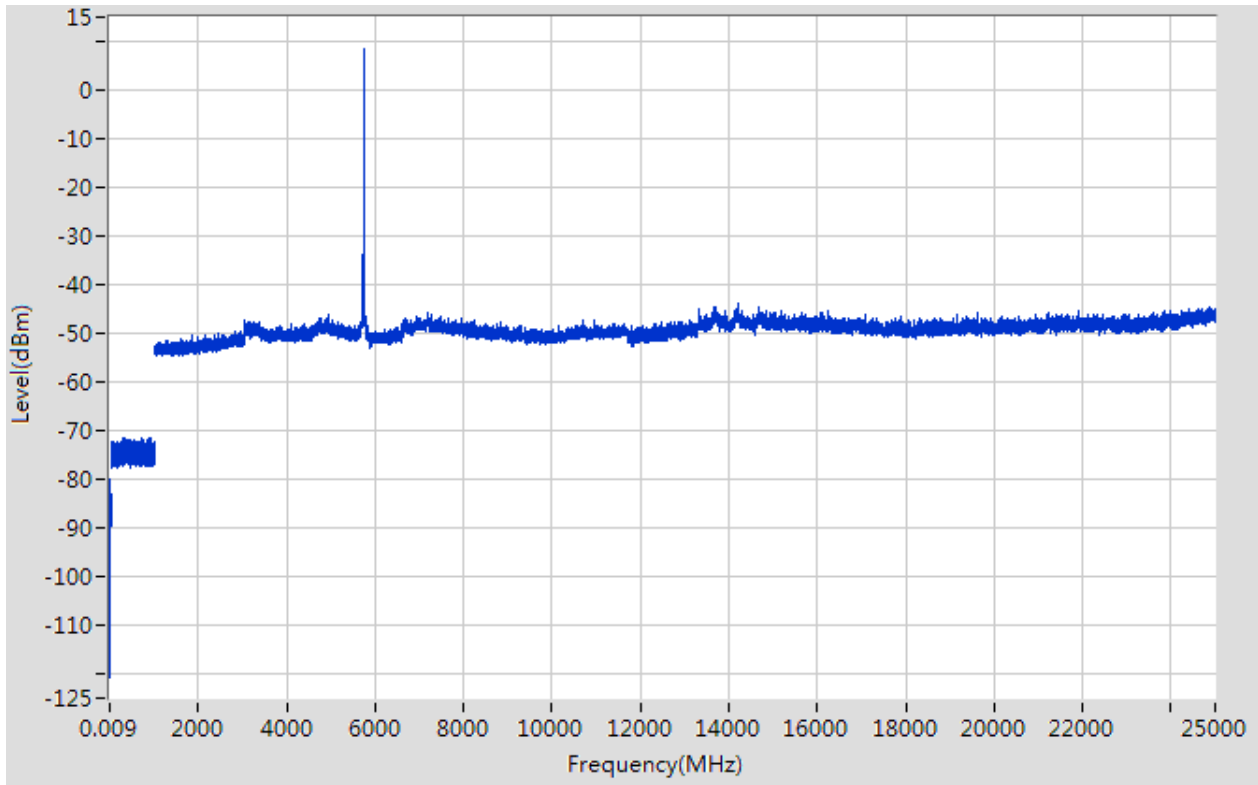
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11a CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.013	-89.43	6	3	2	QP	13.83	68.20	54.37	Note 2	Pass
0.29	-79.91	6	3	2	QP	23.35	68.20	44.85	Note 2	Pass
304.634	-71.51	4.7	3	2	QP	30.45	68.20	37.75	Note 2	Pass
5746.949	8.64	0	3	2	PK	105.90	N/A	N/A	Note 1	N/A
	8.35		3	2	AV	105.61	N/A	N/A		N/A
7212.282	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10966.476	-47.22	0	3	2	PK	50.04	74.00	23.96	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
14223.308	-43.88	0	3	2	PK	53.38	68.20	14.82	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11a CH149, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

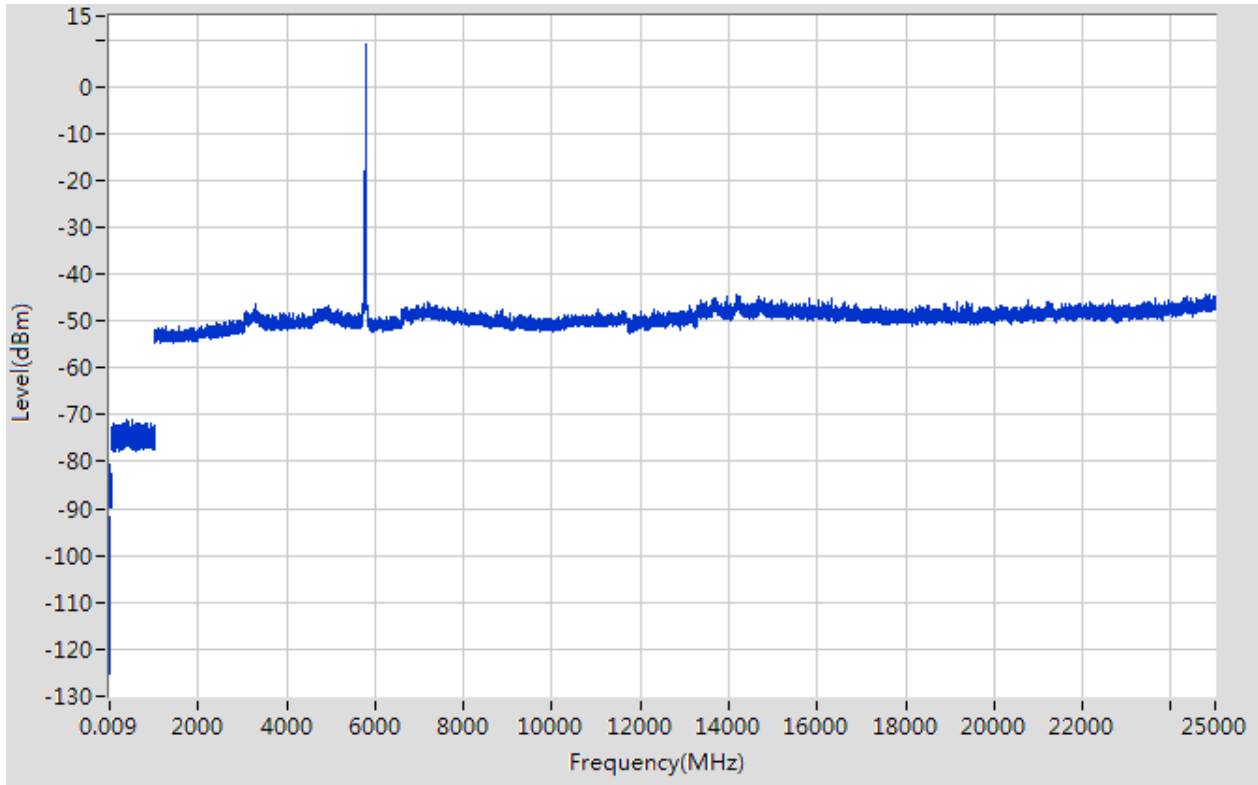
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11a CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.013	-89.43	6	3	2	QP	13.83	68.20	54.37	Note 2	Pass
0.29	-79.91	6	3	2	QP	23.35	68.20	44.85	Note 2	Pass
304.634	-71.51	4.7	3	2	QP	30.45	68.20	37.75	Note 2	Pass
5746.949	8.64	0	3	2	PK	105.90	N/A	N/A	Note 1	N/A
	7.25		3	2	AV	104.51	N/A	N/A		N/A
7212.282	-45.82	0	3	2	PK	51.44	68.20	16.76	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10966.476	-47.22	0	3	2	PK	50.04	74.00	23.96	--	Pass
	-48.61		3	2	AV	48.65	54.00	5.35	Note 3	Pass
14223.308	-43.88	0	3	2	PK	53.38	68.20	14.82	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11a CH157, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

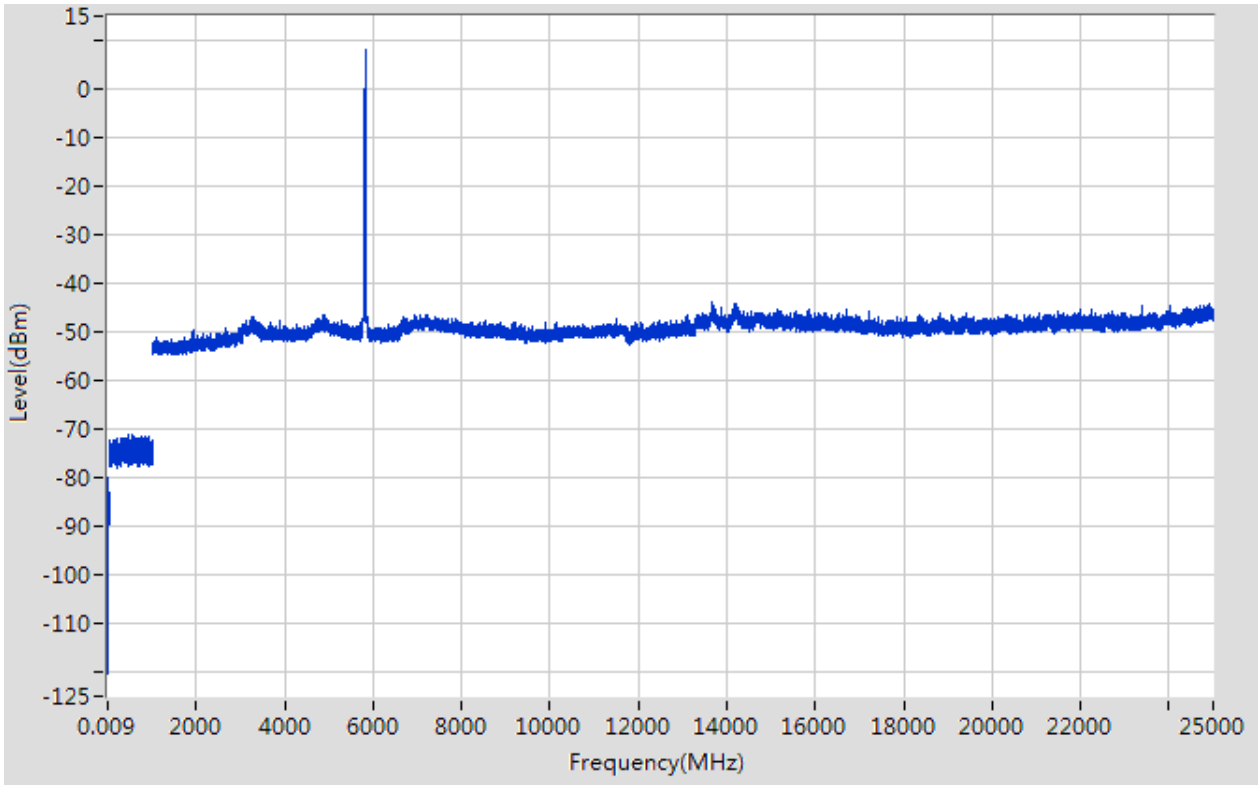
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11a CH165

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-90.67	6	3	2	QP	12.59	68.20	55.61	Note 2	Pass
0.26	-80.13	6	3	2	QP	23.13	68.20	45.07	Note 2	Pass
545.863	-71.25	4.7	3	2	QP	30.71	68.20	37.49	Note 2	Pass
5827.966	8.26	0	3	2	PK	105.52	N/A	N/A	Note 1	N/A
	7.97		3	2	AV	105.23	N/A	N/A		N/A
6958.223	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11522.873	-47.45	0	3	2	PK	49.81	74.00	24.19	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
13646.238	-43.81	0	3	2	PK	53.45	68.20	14.75	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11a CH165, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

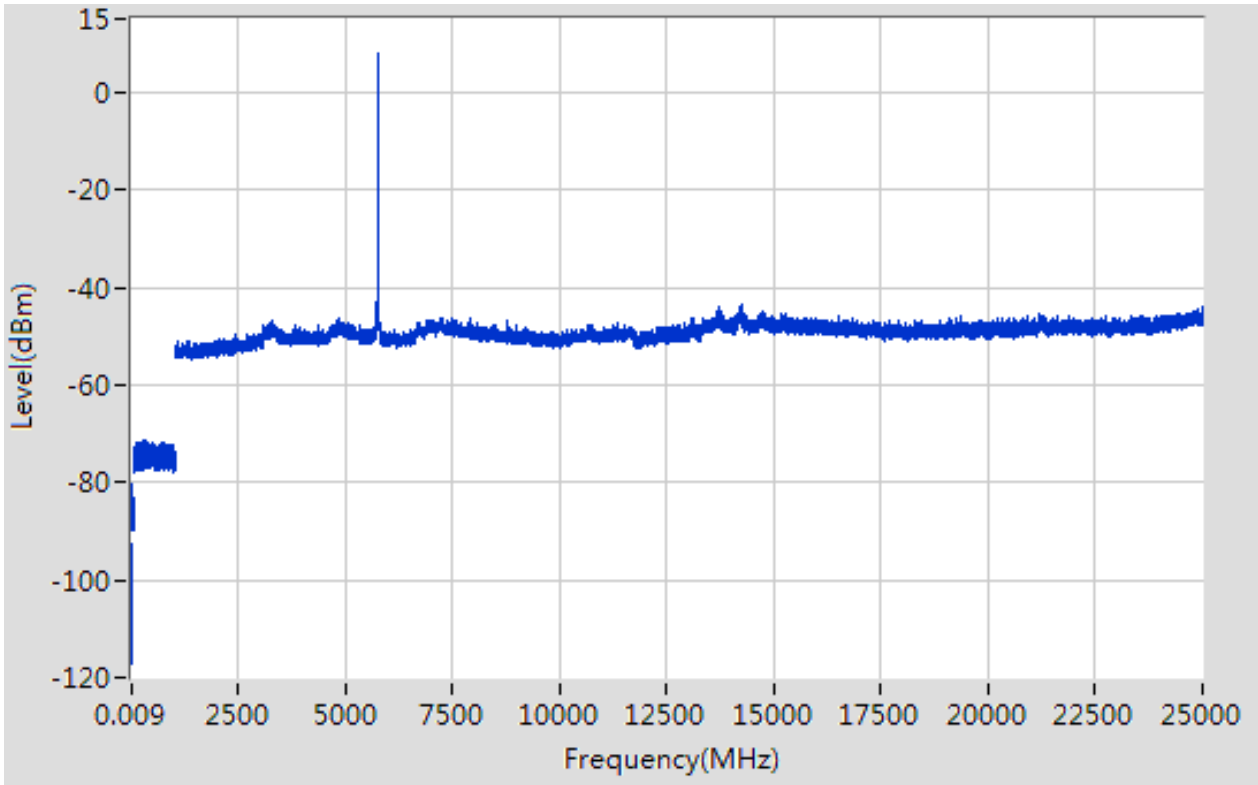
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11 n (HT20) CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-92.6	6	3	2	QP	10.66	68.20	57.54	Note 2	Pass
0.29	-80.3	6	3	2	QP	22.96	68.20	45.24	Note 2	Pass
289.032	-71.4	4.7	3	2	QP	30.56	68.20	37.64	Note 2	Pass
5746.949	8.12	0	3	2	PK	105.38	N/A	N/A	Note 1	N/A
	6.73		3	2	AV	103.99	N/A	N/A		N/A
7183.275	-46.19	0	3	2	PK	51.07	68.20	17.13	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11337.741	-47.47	0	3	2	PK	49.79	74.00	24.21	--	Pass
	-48.86		3	2	AV	48.40	54.00	5.60	Note 3	Pass
14225.308	-43.45	0	3	2	PK	53.81	68.20	14.39	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT20) CH149, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

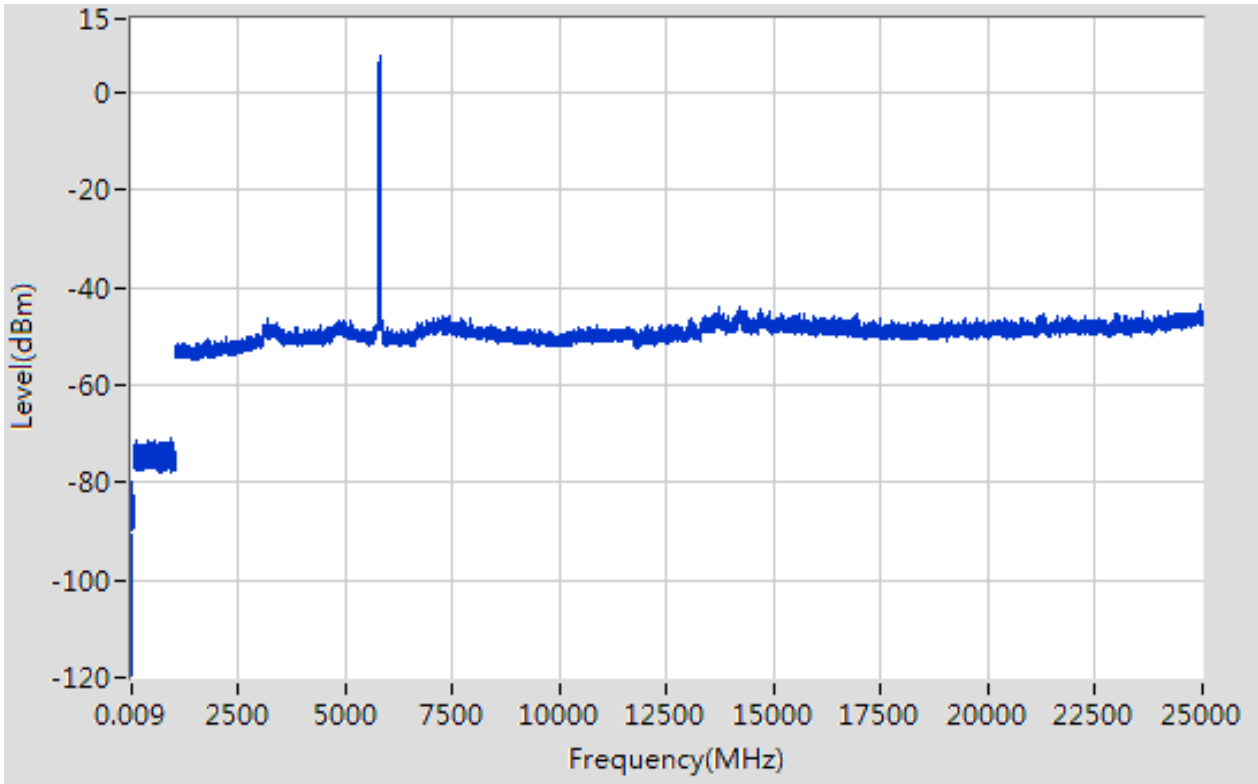
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11 n (HT20) CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.011	-90.69	6	3	2	QP	12.57	68.20	55.63	Note 2	Pass
0.37	-79.72	6	3	2	QP	23.54	68.20	44.66	Note 2	Pass
937.016	-71.03	4.7	3	2	QP	30.93	68.20	37.27	Note 2	Pass
5782.957	7.36	0	3	2	PK	104.62	N/A	N/A	Note 1	N/A
	7.07		3	2	AV	104.33	N/A	N/A		N/A
7243.289	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10843.388	-47.91	0	3	2	PK	49.35	74.00	24.65	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24941.989	-43.71	0	3	2	PK	53.55	68.20	14.65	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT20) CH157, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

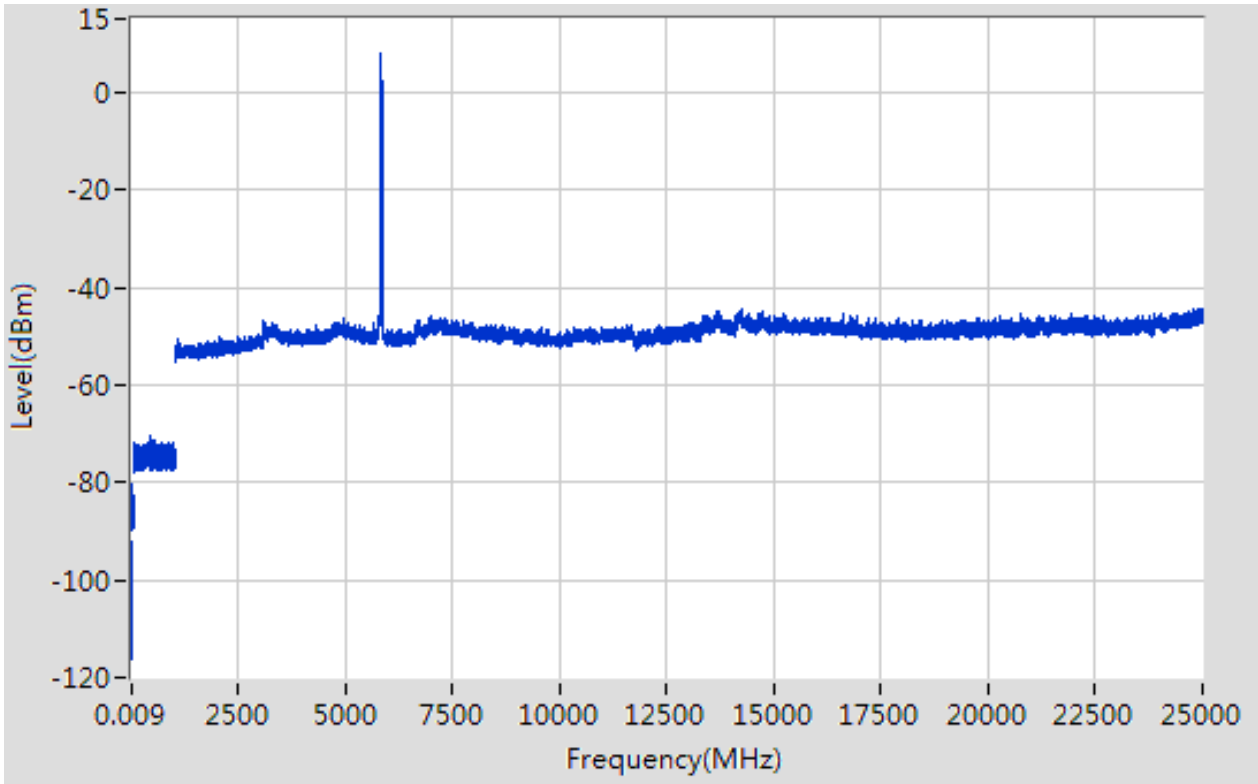
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11 n (HT20) CH165

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.022	-92.37	6	3	2	QP	10.89	68.20	57.31	Note 2	Pass
0.38	-80.24	6	3	2	QP	23.02	68.20	45.18	Note 2	Pass
431.149	-70.22	4.7	3	2	QP	31.74	68.20	36.46	Note 2	Pass
5825.965	8.01	0	3	2	PK	105.27	N/A	N/A	Note 1	N/A
	6.62		3	2	AV	103.88	N/A	N/A		N/A
7008.234	-45.74	0	3	2	PK	51.52	68.20	16.68	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11656.969	-47.74	0	3	2	PK	49.52	74.00	24.48	--	Pass
	-49.13		3	2	AV	48.13	54.00	5.87	Note 3	Pass
24989.998	-44.44	0	3	2	PK	52.82	68.20	15.38	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT20) CH165, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

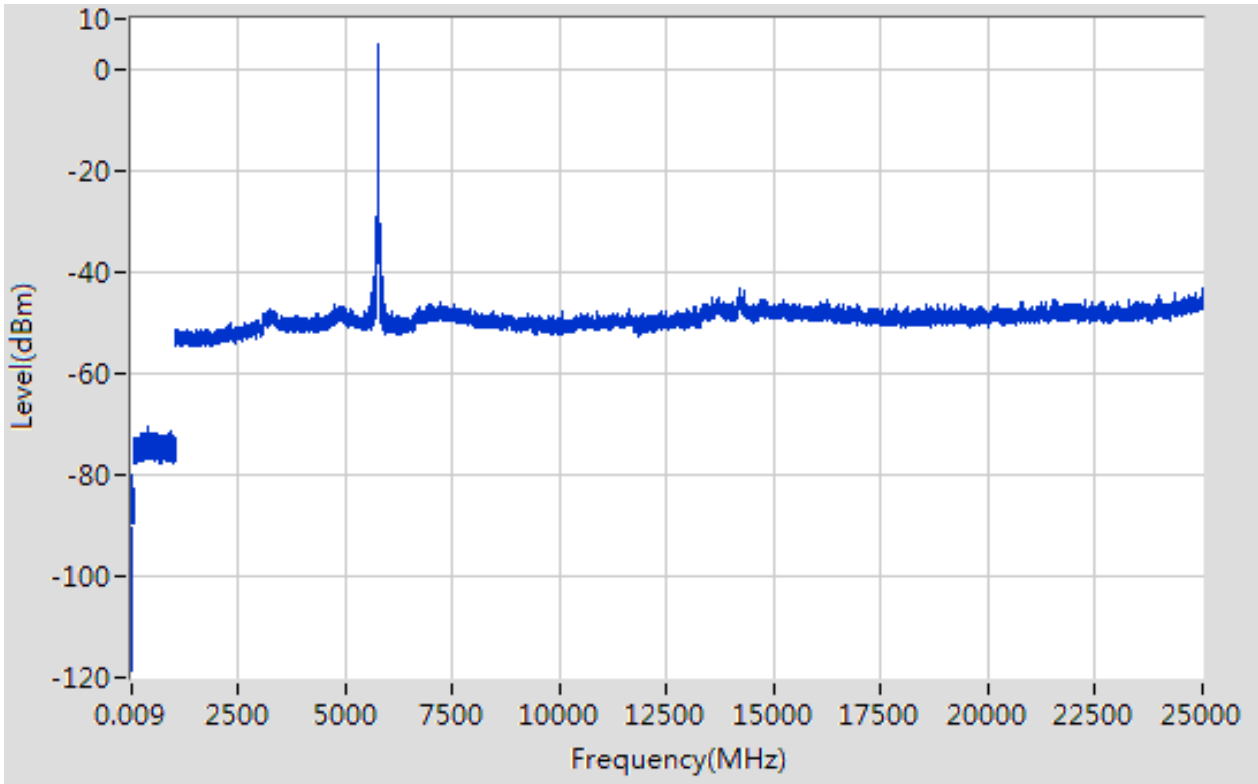
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11 n (HT40) CH151

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-90.25	6	3	2	QP	13.01	68.20	55.19	Note 2	Pass
0.2	-79.85	6	3	2	QP	23.41	68.20	44.79	Note 2	Pass
379.843	-70.53	4.7	3	2	QP	31.43	68.20	36.77	Note 2	Pass
5750.95	4.95	0	3	2	PK	102.21	N/A	N/A	Note 1	N/A
	4.66		3	2	AV	101.92	N/A	N/A		N/A
7215.283	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11608.935	-47.29	0	3	2	PK	49.97	74.00	24.03	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24974.995	-43.08	0	3	2	PK	54.18	68.20	14.02	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT40) CH151, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

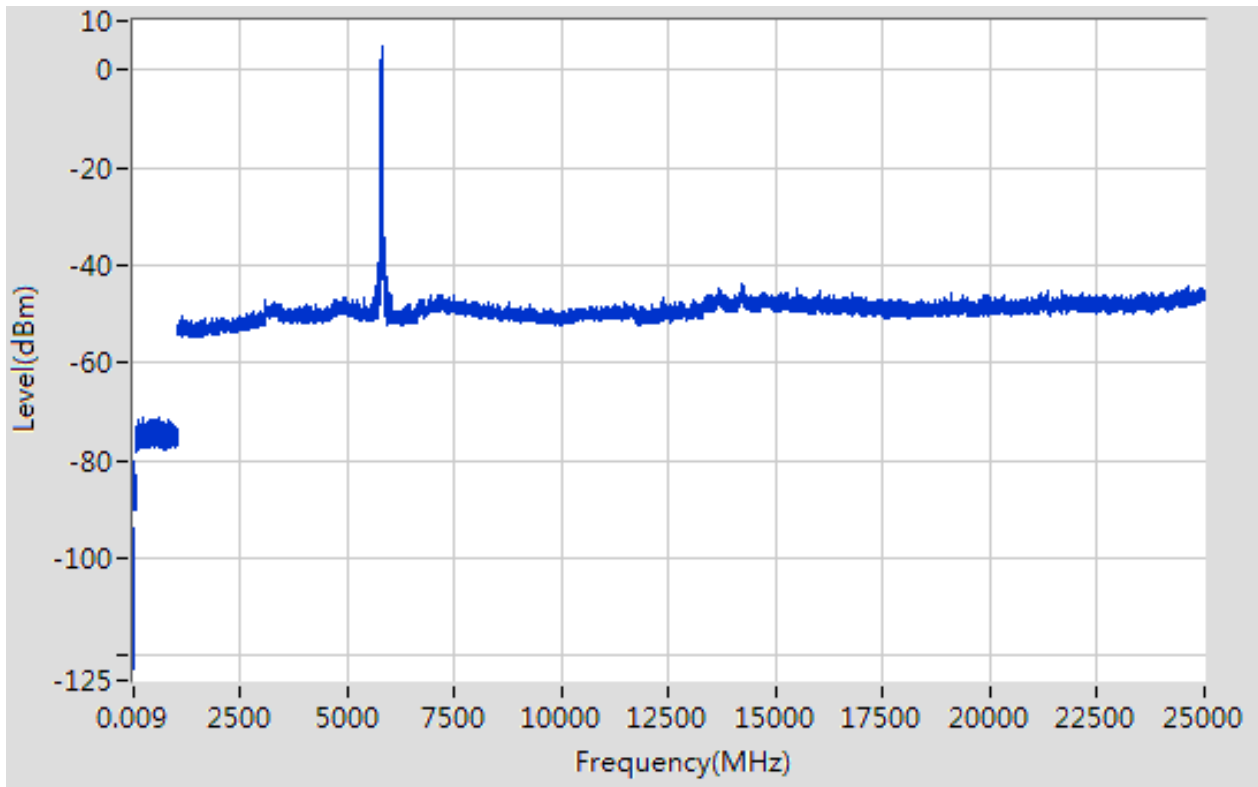
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11n (HT40) CH159

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.009	-90.25	6	3	2	QP	13.01	68.20	55.19	Note 2	Pass
0.2	-79.85	6	3	2	QP	23.41	68.20	44.79	Note 2	Pass
379.843	-70.53	4.7	3	2	QP	31.43	68.20	36.77	Note 2	Pass
5750.95	4.95	0	3	2	PK	102.21	N/A	N/A	Note 1	N/A
	3.56		3	2	AV	100.82	N/A	N/A		N/A
7215.283	-45.85	0	3	2	PK	51.41	68.20	16.79	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11608.935	-47.29	0	3	2	PK	49.97	74.00	24.03	--	Pass
	-48.68		3	2	AV	48.58	54.00	5.42	Note 3	Pass
24974.995	-43.08	0	3	2	PK	54.18	68.20	14.02	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 n (HT40) CH159, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

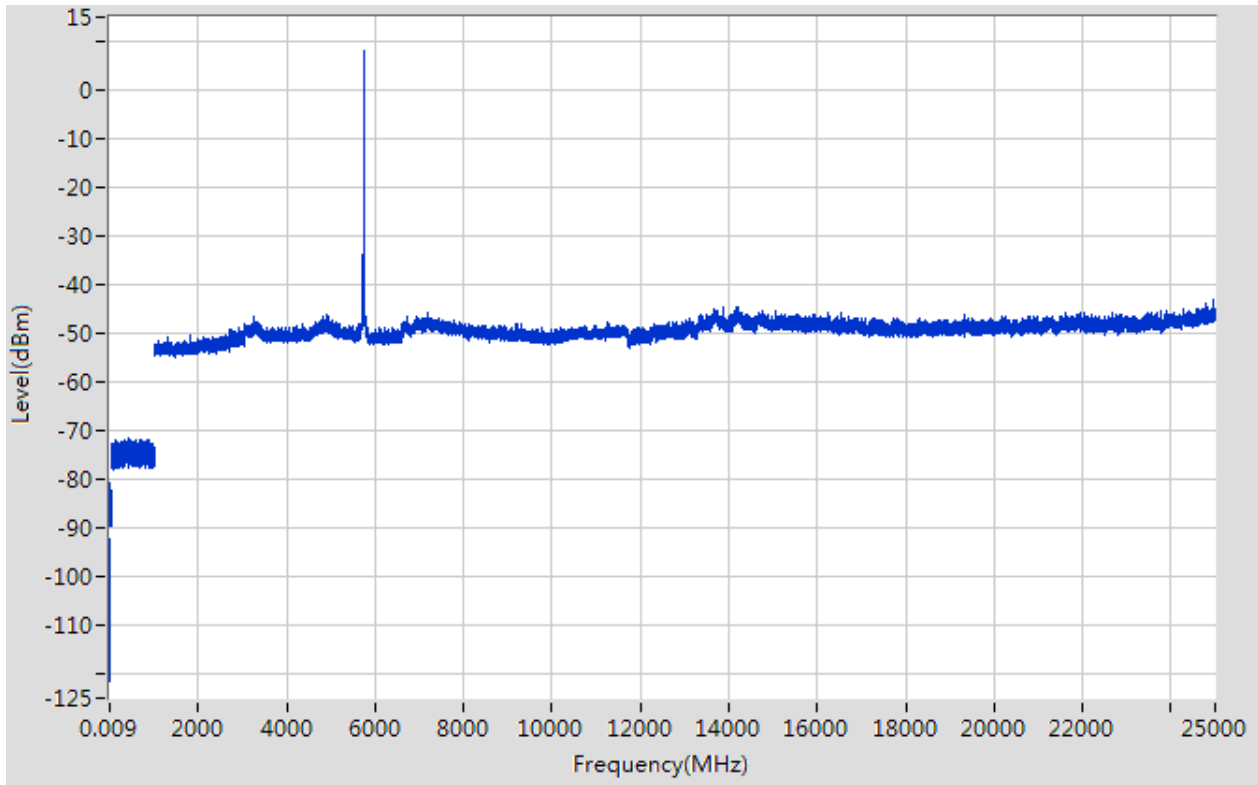
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac (HT20) CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.01	-92.33	6	3	2	QP	10.93	68.20	57.27	Note 2	Pass
0.27	-80.61	6	3	2	QP	22.65	68.20	45.55	Note 2	Pass
406.046	-71.49	4.7	3	2	QP	30.47	46.00	15.53	Note 2	Pass
5746.949	8.08	0	3	2	PK	105.34	N/A	N/A	Note 1	N/A
	7.79		3	2	AV	105.05	N/A	N/A		N/A
7198.279	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11258.685	-47.73	0	3	2	PK	49.53	74.00	24.47	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
24949.99	-43.21	0	3	2	PK	54.05	68.20	14.15	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac (HT20) CH149, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

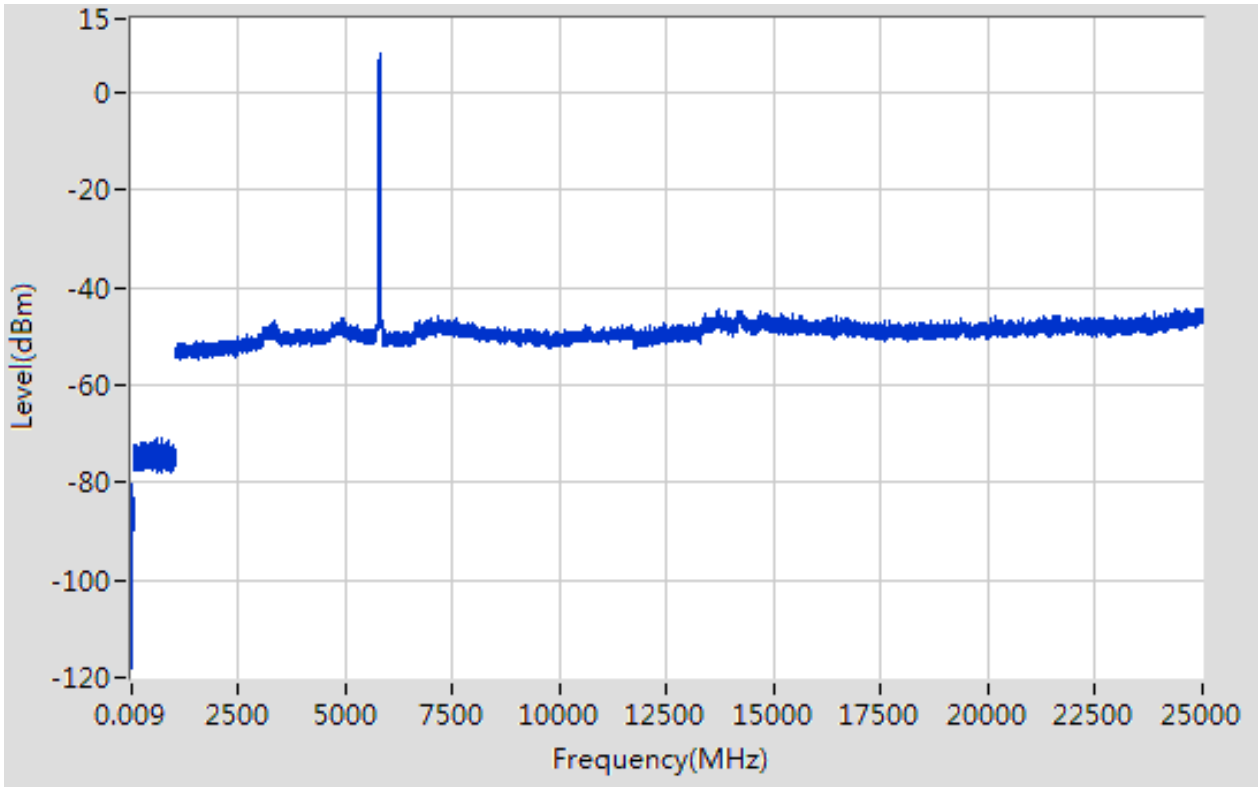
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac (HT20) CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.01	-92.33	6	3	2	QP	10.93	68.20	57.27	Note 2	Pass
0.27	-80.61	6	3	2	QP	22.65	68.20	45.55	Note 2	Pass
406.046	-71.49	4.7	3	2	QP	30.47	46.00	15.53	Note 2	Pass
5746.949	8.08	0	3	2	PK	105.34	N/A	N/A	Note 1	N/A
	7.53		3	2	AV	104.79	N/A	N/A		N/A
7198.279	-45.9	0	3	2	PK	51.36	68.20	16.84	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11258.685	-47.73	0	3	2	PK	49.53	74.00	24.47	--	Pass
	-48.28		3	2	AV	48.98	54.00	5.02	Note 3	Pass
24949.99	-43.21	0	3	2	PK	54.05	68.20	14.15	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac (HT20) CH157, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

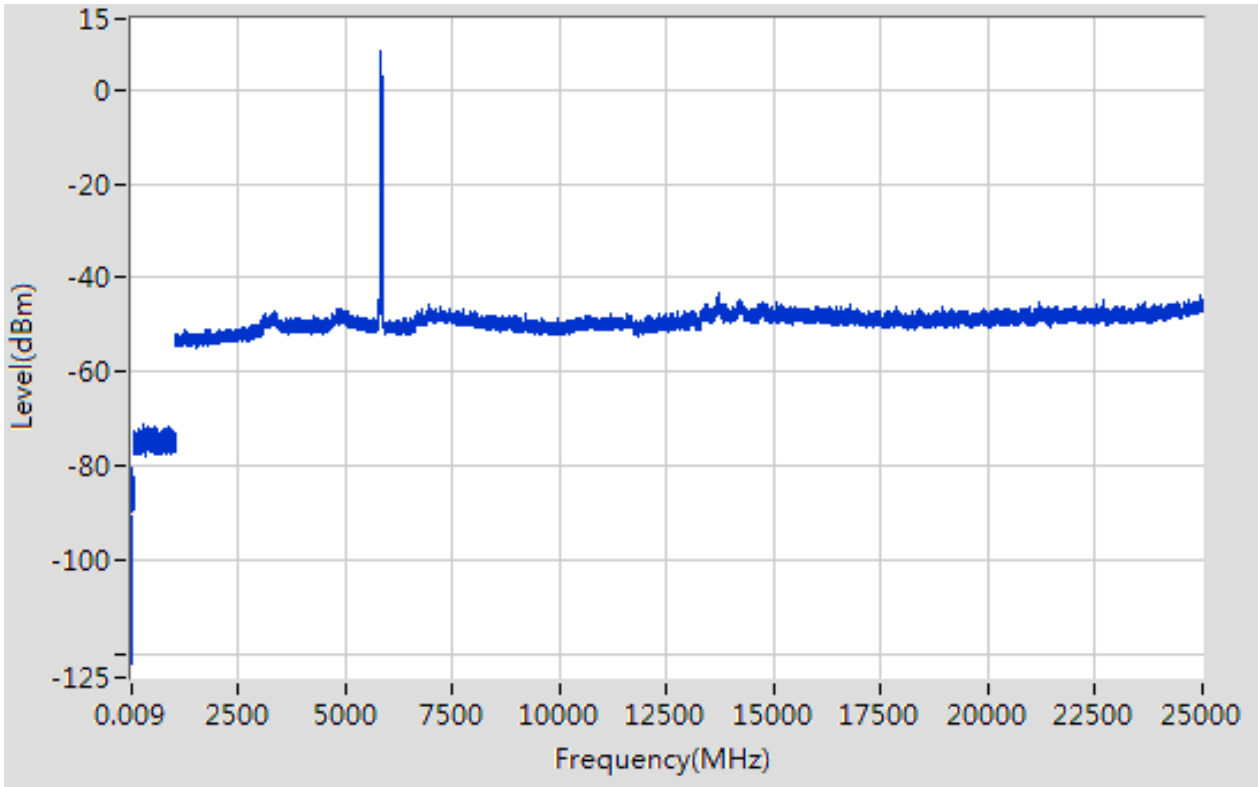
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac (HT20) CH165

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.011	-90.95	6	3	2	QP	12.31	68.20	55.89	Note 2	Pass
0.3	-80.66	6	3	2	QP	22.60	68.20	45.60	Note 2	Pass
275.83	-71.19	4.7	3	2	QP	30.77	46.00	15.23	Note 2	Pass
5823.965	8.09	0	3	2	PK	105.35	N/A	N/A	Note 1	N/A
	7.80		3	2	AV	105.06	N/A	N/A		N/A
6955.222	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	Pass
11575.911	-47.46	0	3	2	PK	49.80	74.00	24.20	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
13689.243	-43.07	0	3	2	PK	54.19	68.20	14.01	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac (HT20) CH165, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

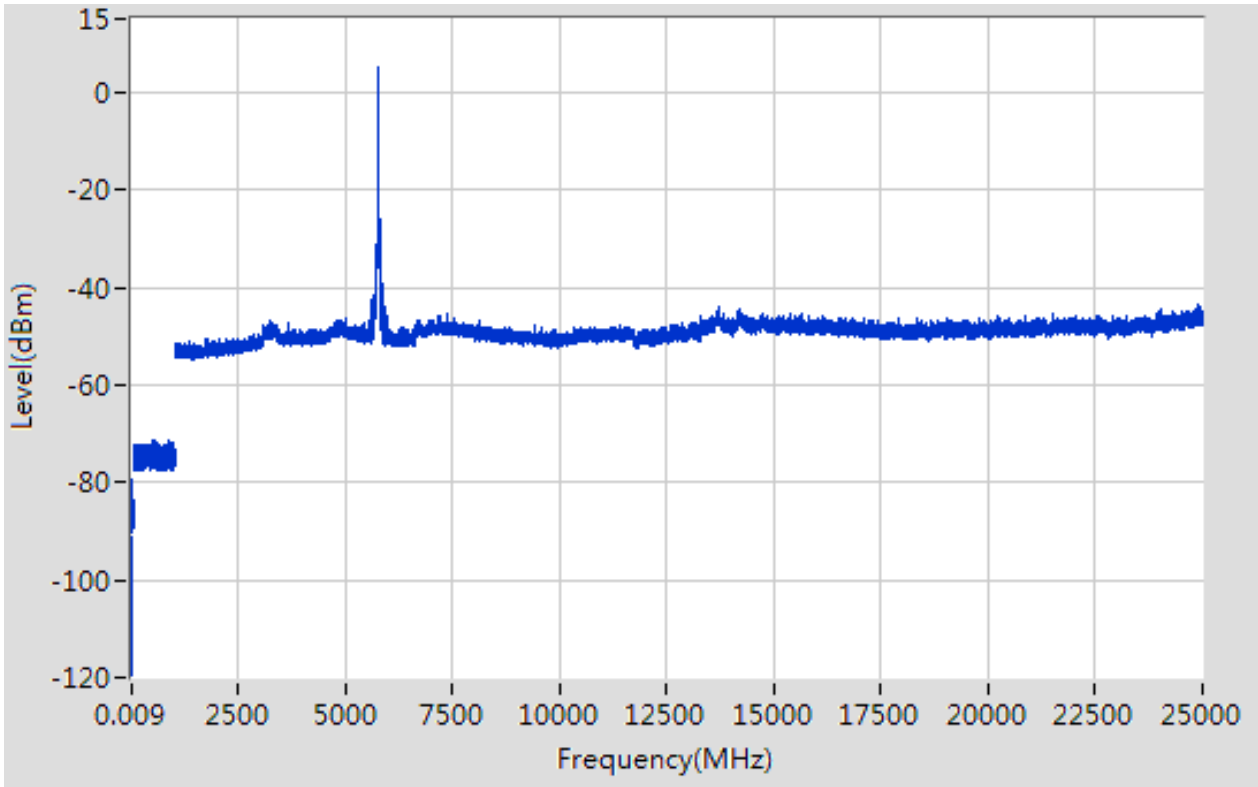
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac(HT40) CH151

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.011	-91.24	6	3	2	QP	12.02	68.20	56.18	Note 2	Pass
0.21	-79.56	6	3	2	QP	23.70	68.20	44.50	Note 2	Pass
539.562	-71.33	4.7	3	2	QP	30.63	68.20	37.57	Note 2	Pass
5750.95	5.09	0	3	2	PK	102.35	N/A	N/A	Note 1	N/A
	4.54		3	2	AV	101.80	N/A	N/A		N/A
7389.323	-45.61	0	3	2	PK	51.65	74.00	22.35	--	Pass
	-59.49		3	2	AV	37.77	54.00	16.23	Note 3	Pass
11383.774	-47.95	0	3	2	PK	49.31	74.00	24.69	--	Pass
	-48.50		3	2	AV	48.76	54.00	5.24	Note 3	Pass
24879.977	-43.65	0	3	2	PK	53.61	68.20	14.59	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11ac(HT40) CH151, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

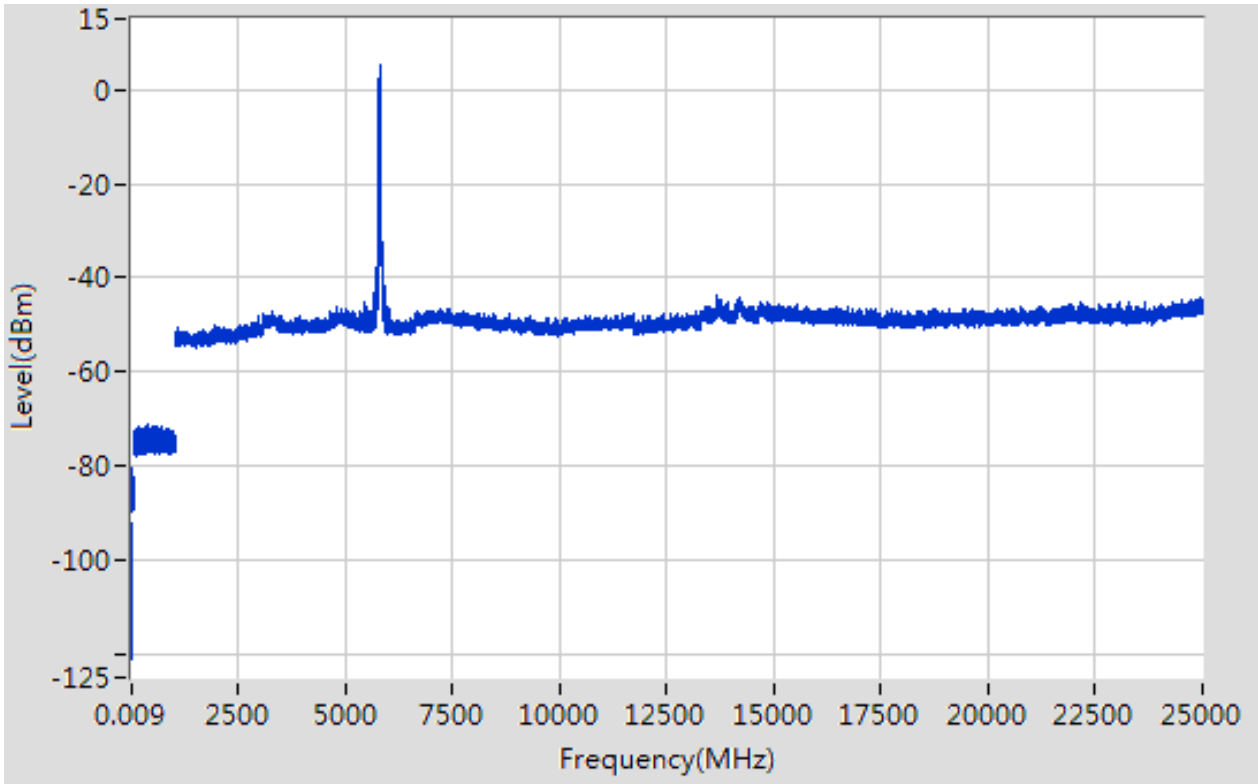
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac(HT40) CH159

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.009	-92.43	6	3	2	QP	10.83	68.20	57.37	Note 2	Pass
0.22	-80.63	6	3	2	QP	22.63	68.20	45.57	Note 2	Pass
383.943	-71.06	4.7	3	2	QP	30.90	68.20	37.30	Note 2	Pass
5787.958	5.27	0	3	2	PK	102.53	N/A	N/A	Note 1	N/A
	4.98		3	2	AV	102.24	N/A	N/A		N/A
7194.278	-31	0	3	2	PK	66.26	68.20	1.94	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
11461.83	-47.82	0	3	2	PK	49.44	74.00	24.56	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
13671.241	-43.9	0	3	2	PK	53.36	68.20	14.84	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

Test Plots

Band IV 11 ac (HT40) CH159, SPURIOUS 9 KHz to 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 0.7 dBi

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is resolved to 15.407b

Note 3: Average measurement was not performed if peak level went lower than the average limit.

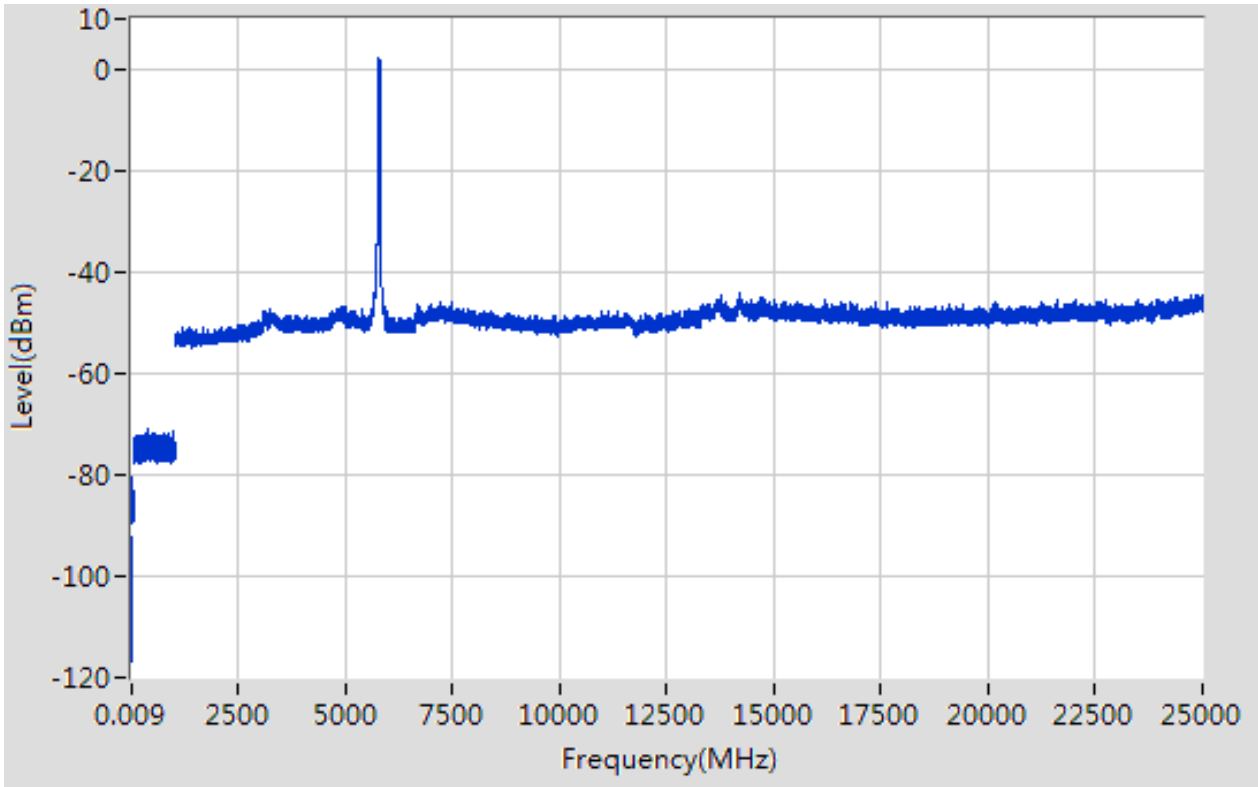
Note 4: The harmonic (2th, 3th, 3th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band IV 11ac(HT80) CH155

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D(m)	Max gain(dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
0.012	-92.27	6	3	2	QP	10.99	68.20	57.21	Note 2	Pass
0.16	-80.64	6	3	2	QP	22.62	68.20	45.58	Note 2	Pass
398.045	-71.11	4.7	3	2	QP	30.85	68.20	37.35	Note 2	Pass
5763.953	2.44	0	3	2	PK	99.70	N/A	N/A	Note 1	N/A
	1.05		3	2	AV	98.31	N/A	N/A		N/A
7183.275	-45.79	0	3	2	PK	51.47	68.20	16.73	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A
10968.477	-47.74	0	3	2	PK	49.52	74.00	24.48	--	Pass
	-49.13		3	2	AV	48.13	54.00	5.87	Note 3	Pass
14168.301	-43.91	0	3	2	PK	53.35	68.20	14.85	--	Pass
	N/A		3	2	AV	N/A	N/A	N/A	Note 3	N/A

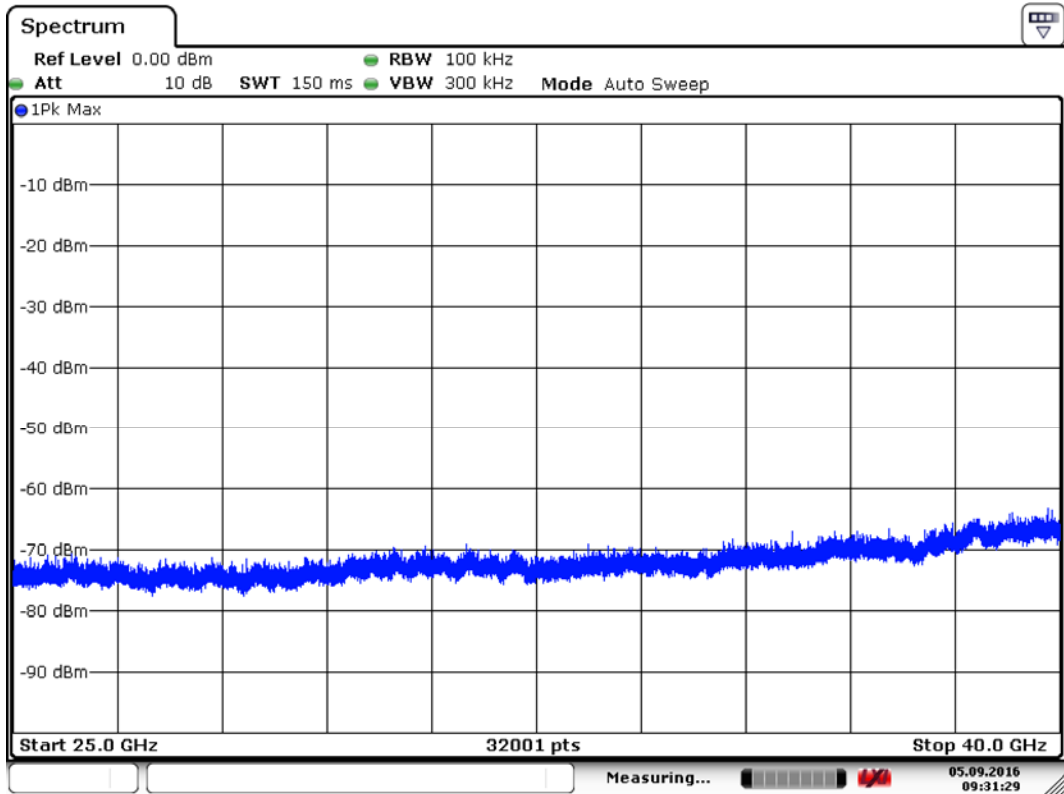
Test Plots

Band IV 11ac(HT80) CH155, SPURIOUS 9 KHz to 25 GHz



Test Frequency: 25 GHz ~ 40 GHz

Note: Only noise floor was seen.



Date: 5.SEP.2016 09:31:29

Cabinet Radiated spurious emission test

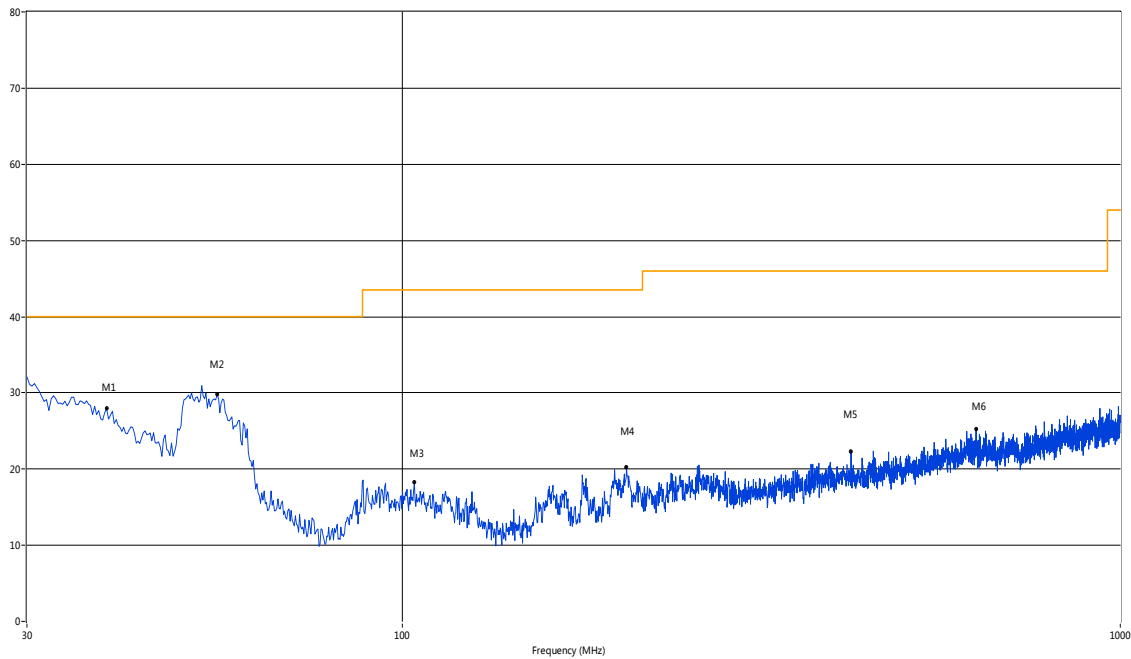
Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

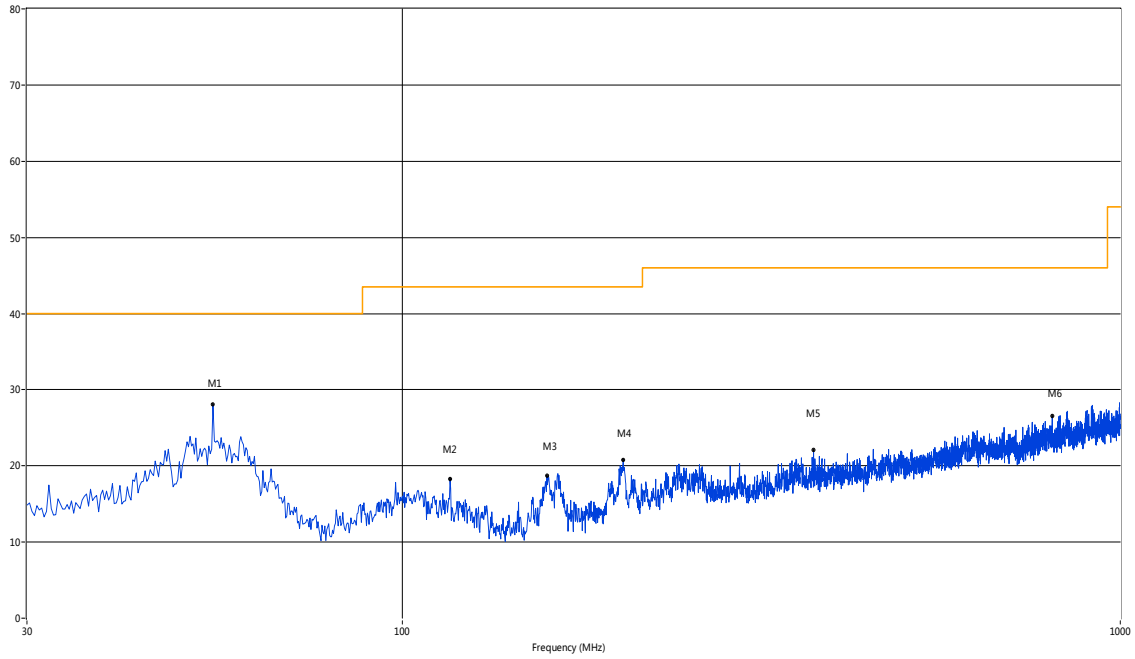
Not 4: The EUT is working in the Normal link mode below 1 GHz.

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	38.73	27.93	-21.30	40.0	12.07	Peak	329.30	100	Vertical	Pass
2	55.21	29.78	-20.61	40.0	10.22	Peak	18.10	100	Vertical	Pass
3	103.94	18.28	-22.29	43.5	25.22	Peak	112.90	100	Vertical	Pass
4	205.28	20.29	-22.69	43.5	23.21	Peak	358.20	100	Vertical	Pass
5	421.78	22.30	-18.43	46.0	23.70	Peak	127.70	100	Vertical	Pass
6	629.79	25.24	-14.86	46.0	20.76	Peak	263.80	100	Vertical	Pass

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	54.49	26.03	-20.25	40.0	13.97	Peak	86.00	100	Horizontal	Pass
2	116.55	18.30	-23.35	43.5	25.20	Peak	133.00	100	Horizontal	Pass
3	158.98	18.68	-25.49	43.5	24.82	Peak	155.00	100	Horizontal	Pass
4	203.10	20.81	-22.67	43.5	22.69	Peak	336.00	100	Horizontal	Pass
5	374.02	22.08	-19.41	46.0	23.92	Peak	211.00	100	Horizontal	Pass
6	804.11	26.52	-12.56	46.0	19.48	Peak	215.00	100	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11a Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1126.97	41.37	-5.19	74	32.63	Peak	56.8	150	Vertical	Pass
2	1531.37	41.36	-4.09	74	32.64	Peak	85.6	150	Vertical	Pass
3	1945.26	40.77	-2.48	74	33.23	Peak	82.9	150	Vertical	Pass
4	7212.98	42.23	14.15	74	31.77	Peak	189.3	150	Vertical	Pass
5	17273.71	43.31	20.72	74	30.69	Peak	331.9	150	Vertical	Pass
6	21645.59	45.03	9.69	74	28.97	Peak	5.0	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11a Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1843.16	44.19	-1.07	74	29.81	Peak	345.9	150	Horizontal	Pass
2	2918.08	44.08	-0.31	74	29.93	Peak	84.3	150	Horizontal	Pass
3	5136.86	49.53	12.60	74	24.47	Peak	161.4	150	Horizontal	Pass
4	9818.64	43.58	15.11	74	30.42	Peak	59.2	150	Horizontal	Pass
5	16878.54	44.82	20.58	74	29.18	Peak	116	150	Horizontal	Pass
6	22354.41	43.49	10.70	74	30.51	Peak	32.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11a Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1291.93	41.93	-5.56	74	32.07	Peak	225.7	150	Vertical	Pass
2	1479.38	42.66	-4.29	74	31.35	Peak	300.6	150	Vertical	Pass
3	1766.81	43.76	-4.21	74	30.24	Peak	196.4	150	Vertical	Pass
4	7358.99	49.87	14.27	74	24.13	Peak	8.5	150	Vertical	Pass
5	15443.43	43.98	8.62	74	30.02	Peak	54.1	150	Vertical	Pass
6	21585.69	45.52	12.94	74	28.48	Peak	6.2	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11a Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1483.52	41.48	#N/A	74	32.52	Peak	157.4	150	Horizontal	Pass
2	3185.81	45.93	2.11	74	28.07	Peak	343.4	150	Horizontal	Pass
3	4417.58	46.31	9.69	74	27.69	Peak	198.8	150	Horizontal	Pass
4	11537.02	43.08	20.04	74	30.92	Peak	345.1	150	Horizontal	Pass
5	13051.58	41.56	12.79	74	32.44	Peak	327.7	150	Horizontal	Pass
6	19848.59	48.20	12.29	74	25.80	Peak	30.1	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11a High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1039.99	41.38	-6.25	74	32.63	Peak	52	150	Vertical	Pass
2	1438.89	42.70	-4.26	74	31.30	Peak	193.3	150	Vertical	Pass
3	1680.33	40.30	-3.27	74	33.70	Peak	72	150	Vertical	Pass
4	6786.19	45.67	19.48	74	28.33	Peak	259.3	150	Vertical	Pass
5	17148.92	42.31	10.96	74	31.69	Peak	171.6	150	Vertical	Pass
6	24880.20	45.79	9.62	74	28.21	Peak	296.2	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11a High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1601.40	38.94	-4.76	74	35.06	Peak	48.8	150	Horizontal	Pass
2	2934.07	45.44	0.06	74	28.56	Peak	131.9	150	Horizontal	Pass
3	5016.98	47.85	15.70	74	26.15	Peak	20.6	150	Horizontal	Pass
4	8639.35	42.38	20.21	74	31.62	Peak	147.4	150	Horizontal	Pass
5	14590.68	44.64	9.58	74	29.36	Peak	220.4	150	Horizontal	Pass
6	24111.48	44.20	10.84	74	29.80	Peak	196.6	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11n20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2116.88	42.05	-5.29	74	31.95	Peak	148.5	150	Vertical	Pass
2	2984.02	46.19	0.53	74	27.81	Peak	27.1	150	Vertical	Pass
3	4411.59	48.87	10.44	74	25.13	Peak	311.2	150	Vertical	Pass
4	10616.06	42.85	16.99	74	31.15	Peak	312.6	150	Vertical	Pass
5	15693.01	43.46	8.60	74	30.54	Peak	281	150	Vertical	Pass
6	24351.08	44.42	10.88	74	29.58	Peak	219.7	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11n20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1251.94	43.25	-5.14	74	30.75	Peak	3.9	150	Horizontal	Pass
2	1384.90	40.79	-4.10	74	33.21	Peak	281.2	150	Horizontal	Pass
3	1767.31	41.77	-3.65	74	32.23	Peak	148.2	150	Horizontal	Pass
4	8055.32	44.63	13.99	74	29.38	Peak	13.6	150	Horizontal	Pass
5	15641.02	46.82	9.04	74	27.18	Peak	194.3	150	Horizontal	Pass
6	23282.86	45.48	11.63	74	28.52	Peak	352.4	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11n20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1659.34	40.44	-4.15	74	33.56	Peak	239.4	150	Vertical	Pass
2	2742.26	46.28	0.62	74	27.72	Peak	137.9	150	Vertical	Pass
3	3791.21	50.53	11.51	74	23.47	Peak	94.5	150	Vertical	Pass
4	7246.67	44.79	14.28	74	29.22	Peak	190.9	150	Vertical	Pass
5	15589.02	42.24	9.02	74	31.76	Peak	37.9	150	Vertical	Pass
6	23033.28	46.52	13.20	74	27.48	Peak	31.8	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11n20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1253.94	39.57	-5.34	74	34.43	Peak	75.6	150	Horizontal	Pass
2	1381.41	40.35	-4.27	74	33.66	Peak	232.7	150	Horizontal	Pass
3	1714.82	44.11	-4.28	74	29.89	Peak	311.4	150	Horizontal	Pass
4	9863.56	44.41	16.85	74	29.59	Peak	19.6	150	Horizontal	Pass
5	16483.36	45.31	10.77	74	28.69	Peak	27.1	150	Horizontal	Pass
6	24031.61	48.20	12.74	74	25.80	Peak	318.1	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11n20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1015.98	44.99	-1.86	74	29.01	Peak	41.7	150	Vertical	Pass
2	3302.70	44.38	9.22	74	29.62	Peak	55.3	150	Vertical	Pass
3	5379.62	49.63	11.54	74	24.37	Peak	24.3	150	Vertical	Pass
4	10750.83	44.41	14.12	74	29.59	Peak	157.5	150	Vertical	Pass
5	17887.27	45.24	10.75	74	28.77	Peak	224.3	150	Vertical	Pass
6	23472.55	45.53	13.64	74	28.47	Peak	226.6	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11n20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1270.43	41.75	-5.75	74	32.25	Peak	191.7	150	Horizontal	Pass
2	1539.37	41.49	-4.38	74	32.51	Peak	142.8	150	Horizontal	Pass
3	1998.25	41.06	-3.01	74	32.94	Peak	147.4	150	Horizontal	Pass
4	6920.97	44.75	13.93	74	29.25	Peak	245.1	150	Horizontal	Pass
5	17055.32	46.73	11.70	74	27.27	Peak	90.2	150	Horizontal	Pass
6	18864.81	45.50	10.55	74	28.50	Peak	245.6	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11n40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1262.43	41.03	-4.77	74	32.97	Peak	322.9	150	Vertical	Pass
2	1574.36	43.72	-4.59	74	30.29	Peak	243.5	150	Vertical	Pass
3	1793.80	41.98	-4.13	74	32.02	Peak	90.2	150	Vertical	Pass
4	6965.89	44.03	20.03	74	29.97	Peak	137.6	150	Vertical	Pass
5	17128.12	44.83	9.59	74	29.17	Peak	315.1	150	Vertical	Pass
6	22254.58	49.13	9.53	74	24.87	Peak	94.2	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11n40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402.60	41.97	-3.52	74	32.03	Peak	272.1	150	Horizontal	Pass
2	2966.03	44.73	9.53	74	29.27	Peak	208.9	150	Horizontal	Pass
3	4699.30	50.25	15.24	74	23.76	Peak	204.7	150	Horizontal	Pass
4	9526.62	47.70	17.01	74	26.30	Peak	303.3	150	Horizontal	Pass
5	14611.48	42.06	8.83	74	31.94	Peak	297.6	150	Horizontal	Pass
6	18012.06	44.56	12.49	74	29.45	Peak	353.4	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11n40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1304.92	40.54	-6.22	74	33.46	Peak	164.7	150	Vertical	Pass
2	1431.39	43.39	-4.05	74	30.61	Peak	152.2	150	Vertical	Pass
3	1947.76	42.14	-4.29	74	31.86	Peak	140.8	150	Vertical	Pass
4	10155.57	47.38	17.56	74	26.62	Peak	325	150	Vertical	Pass
5	14528.29	44.46	19.86	74	29.54	Peak	159.9	150	Vertical	Pass
6	23222.96	43.40	10.16	74	30.60	Peak	72.7	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11n40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1709.29	45.49	-6.28	74	28.51	Peak	261.9	150	Horizontal	Pass
2	3062.94	44.02	9.10	74	29.98	Peak	37.7	150	Horizontal	Pass
3	5553.45	48.51	14.64	74	25.49	Peak	216.4	150	Horizontal	Pass
4	9897.26	43.58	19.00	74	30.42	Peak	94.9	150	Horizontal	Pass
5	17970.47	46.82	9.04	74	27.19	Peak	273.4	150	Horizontal	Pass
6	19459.24	48.40	8.29	74	25.60	Peak	329.6	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11ac20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1082.98	41.08	-4.71	74	32.92	Peak	300	150	Vertical	Pass
2	1417.90	43.92	-4.65	74	30.08	Peak	334.9	150	Vertical	Pass
3	1880.78	44.32	-3.98	74	29.68	Peak	285.8	150	Vertical	Pass
4	10346.51	46.33	20.40	74	27.67	Peak	23.6	150	Vertical	Pass
5	15661.81	46.21	8.72	74	27.79	Peak	114.6	150	Vertical	Pass
6	18532.03	46.40	11.80	74	27.60	Peak	69.4	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11ac20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1985.02	46.44	-4.85	74	27.56	Peak	44	150	Horizontal	Pass
2	2788.21	46.23	1.55	74	27.77	Peak	121.4	150	Horizontal	Pass
3	5472.53	44.32	9.90	74	29.68	Peak	353	150	Horizontal	Pass
4	10717.14	43.82	15.78	74	30.18	Peak	109.5	150	Horizontal	Pass
5	16753.74	45.65	8.73	74	28.35	Peak	13.6	150	Horizontal	Pass
6	22833.61	45.42	12.74	74	28.58	Peak	88.9	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11ac20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1517.48	47.68	-4.15	74	26.32	Peak	312.5	150	Vertical	Pass
2	2870.13	45.73	1.69	74	28.27	Peak	279.6	150	Vertical	Pass
3	3524.48	51.81	15.15	74	22.20	Peak	215.9	150	Vertical	Pass
4	6482.95	48.74	17.12	74	25.27	Peak	79.1	150	Vertical	Pass
5	15193.84	44.20	19.81	74	29.80	Peak	169.2	150	Vertical	Pass
6	23272.88	47.26	12.94	74	26.74	Peak	202.5	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11ac20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1042.49	43.83	-6.23	74	30.17	Peak	311	150	Horizontal	Pass
2	1403.40	42.17	-4.20	74	31.83	Peak	115.2	150	Horizontal	Pass
3	1968.76	41.42	-4.06	74	32.58	Peak	87.8	150	Horizontal	Pass
4	10088.19	44.64	20.76	74	29.36	Peak	49.9	150	Horizontal	Pass
5	12812.40	45.99	9.44	74	28.02	Peak	45.5	150	Horizontal	Pass
6	22833.61	49.26	11.23	74	24.74	Peak	354.7	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11ac20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2252.75	42.43	-0.60	74	31.57	Peak	218.3	150	Vertical	Pass
2	3368.63	45.78	2.12	74	28.22	Peak	200.6	150	Vertical	Pass
3	4228.77	50.50	15.34	74	23.50	Peak	174.9	150	Vertical	Pass
4	6325.71	40.70	16.99	74	33.30	Peak	149.1	150	Vertical	Pass
5	16431.36	47.09	11.79	74	26.91	Peak	248.9	150	Vertical	Pass
6	20277.87	43.85	12.74	74	30.15	Peak	152	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11ac20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1151.96	42.45	-4.58	74	31.55	Peak	219.4	150	Horizontal	Pass
2	1451.39	44.38	-4.46	74	29.62	Peak	325.8	150	Horizontal	Pass
3	1730.82	41.28	-3.72	74	32.72	Peak	181	150	Horizontal	Pass
4	9481.70	44.04	18.25	74	29.96	Peak	232.1	150	Horizontal	Pass
5	12802.00	45.36	9.17	74	28.64	Peak	291.5	150	Horizontal	Pass
6	19569.05	44.52	11.92	74	29.48	Peak	20.7	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11ac40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1083.92	40.80	-4.60	74	33.20	Peak	130.9	150	Vertical	Pass
2	2786.21	47.65	1.93	74	26.35	Peak	56.8	150	Vertical	Pass
3	4051.95	48.03	14.86	74	25.97	Peak	176.9	150	Vertical	Pass
4	9032.45	44.21	14.55	74	29.80	Peak	229.7	150	Vertical	Pass
5	15474.63	44.98	8.70	74	29.02	Peak	129	150	Vertical	Pass
6	21366.06	44.31	11.24	74	29.69	Peak	186.4	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11ac40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1296.43	42.89	-5.69	74	31.11	Peak	296	150	Horizontal	Pass
2	1413.90	42.75	-4.67	74	31.25	Peak	66.9	150	Horizontal	Pass
3	1632.84	43.03	-3.57	74	30.98	Peak	216.2	150	Horizontal	Pass
4	10571.13	45.97	19.78	74	28.03	Peak	289.4	150	Horizontal	Pass
5	13373.96	46.34	20.65	74	27.66	Peak	214.3	150	Horizontal	Pass
6	18812.81	41.60	12.36	74	32.40	Peak	62.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11ac40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1033.99	39.59	-5.15	74	34.41	Peak	46	150	Vertical	Pass
2	1566.86	40.20	-4.34	74	33.80	Peak	281.3	150	Vertical	Pass
3	1926.77	42.08	-4.14	74	31.92	Peak	54.2	150	Vertical	Pass
4	10380.20	43.72	14.15	74	30.28	Peak	285.5	150	Vertical	Pass
5	13072.38	41.04	12.09	74	32.96	Peak	307.6	150	Vertical	Pass
6	24890.18	43.28	12.68	74	30.72	Peak	140.1	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11ac40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1297.70	51.27	-4.10	74	22.73	Peak	36.7	150	Horizontal	Pass
2	3437.56	45.21	1.62	74	28.79	Peak	222.6	150	Horizontal	Pass
3	3899.10	49.17	14.60	74	24.83	Peak	173.9	150	Horizontal	Pass
4	7808.24	44.49	17.49	74	29.51	Peak	94.7	150	Horizontal	Pass
5	13384.36	49.00	8.83	74	25.00	Peak	102.6	150	Horizontal	Pass
6	23013.31	47.99	13.04	74	26.01	Peak	311.1	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band I 11ac80 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1163.46	44.08	-4.77	74	29.92	Peak	247.7	150	Vertical	Pass
2	1476.88	42.56	-4.65	74	31.45	Peak	352.1	150	Vertical	Pass
3	1755.31	41.89	-4.21	74	32.11	Peak	151.4	150	Vertical	Pass
4	7987.94	42.46	14.34	74	31.54	Peak	132.4	150	Vertical	Pass
5	16410.57	44.25	8.93	74	29.75	Peak	74.9	150	Vertical	Pass
6	21855.24	45.86	11.62	74	28.14	Peak	251.2	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band I 11ac80 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2292.71	39.51	-5.31	74	34.49	Peak	175.7	150	Horizontal	Pass
2	2626.37	43.41	0.70	74	30.59	Peak	21.8	150	Horizontal	Pass
3	4372.63	50.78	13.61	74	23.22	Peak	203.9	150	Horizontal	Pass
4	8425.96	45.23	14.37	74	28.78	Peak	221.6	150	Horizontal	Pass
5	14091.51	44.17	9.51	74	29.83	Peak	199.6	150	Horizontal	Pass
6	20787.02	48.41	8.77	74	25.59	Peak	121.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11a Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1313.92	44.07	-5.99	74	29.93	Peak	209.8	150	Vertical	Pass
2	1560.86	42.49	-4.00	74	31.51	Peak	273.4	150	Vertical	Pass
3	1850.79	45.65	-3.02	74	28.35	Peak	325.4	150	Vertical	Pass
4	9964.64	44.94	15.04	74	29.06	Peak	301.5	150	Vertical	Pass
5	13176.37	45.11	9.07	74	28.89	Peak	148.8	150	Vertical	Pass
6	24391.02	47.00	11.47	74	27.00	Peak	91.7	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11a Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1397.60	44.67	-4.14	74	29.33	Peak	322.6	150	Horizontal	Pass
2	3143.86	45.71	9.23	74	28.29	Peak	240.5	150	Horizontal	Pass
3	4579.42	48.86	11.54	74	25.14	Peak	137	150	Horizontal	Pass
4	9683.86	45.84	20.21	74	28.16	Peak	83.8	150	Horizontal	Pass
5	15901.00	43.62	9.14	74	30.38	Peak	243.8	150	Horizontal	Pass
6	19459.24	45.12	12.20	74	28.89	Peak	335.2	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11a Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1811.19	40.75	-2.21	74	33.26	Peak	236.8	150	Vertical	Pass
2	3080.92	45.81	2.22	74	28.19	Peak	34.4	150	Vertical	Pass
3	5703.30	47.70	13.08	74	26.30	Peak	120.1	150	Vertical	Pass
4	9492.93	48.80	19.04	74	25.20	Peak	290.5	150	Vertical	Pass
5	13384.36	48.11	8.71	74	25.89	Peak	314.9	150	Vertical	Pass
6	21745.42	44.85	9.74	74	29.15	Peak	302.9	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11a Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1008.00	41.36	-4.82	74	32.64	Peak	82.1	150	Horizontal	Pass
2	1434.39	42.25	-3.97	74	31.76	Peak	241.7	150	Horizontal	Pass
3	1766.31	43.14	-4.23	74	30.86	Peak	335.3	150	Horizontal	Pass
4	7291.60	45.47	14.76	74	28.53	Peak	259.6	150	Horizontal	Pass
5	15422.63	42.89	11.76	74	31.11	Peak	108	150	Horizontal	Pass
6	18948.00	47.63	11.69	74	26.37	Peak	334	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11a High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2272.73	44.02	-4.53	74	29.98	Peak	258.7	150	Vertical	Pass
2	2906.09	45.63	0.54	74	28.37	Peak	94.8	150	Vertical	Pass
3	3962.04	48.80	15.47	74	25.20	Peak	282.4	150	Vertical	Pass
4	11009.15	44.06	18.93	74	29.94	Peak	328.5	150	Vertical	Pass
5	15869.80	47.50	9.62	74	26.50	Peak	117.7	150	Vertical	Pass
6	18979.20	46.11	8.72	74	27.89	Peak	268.4	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11a High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1178.46	41.18	-5.07	74	32.82	Peak	25.1	150	Horizontal	Pass
2	1396.90	42.48	-4.47	74	31.52	Peak	330.1	150	Horizontal	Pass
3	1631.34	44.93	-3.84	74	29.07	Peak	340.6	150	Horizontal	Pass
4	10155.57	47.49	20.40	74	26.51	Peak	5.1	150	Horizontal	Pass
5	17356.91	46.09	13.27	74	27.91	Peak	252.3	150	Horizontal	Pass
6	21306.16	46.83	13.01	74	27.17	Peak	4.3	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11n20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1811.19	42.66	-3.84	74	31.35	Peak	107.7	150	Vertical	Pass
2	2878.12	45.96	0.66	74	28.04	Peak	140	150	Vertical	Pass
3	4444.56	47.14	10.87	74	26.86	Peak	157.3	150	Vertical	Pass
4	8358.57	44.47	18.30	74	29.53	Peak	30.8	150	Vertical	Pass
5	15745.01	44.51	11.04	74	29.49	Peak	42	150	Vertical	Pass
6	22584.03	43.92	11.02	74	30.08	Peak	309.5	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11n20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1349.91	39.36	-4.50	74	34.64	Peak	4.6	150	Horizontal	Pass
2	1486.38	40.76	-4.04	74	33.24	Peak	176.3	150	Horizontal	Pass
3	1987.25	40.92	-2.59	74	33.08	Peak	138	150	Horizontal	Pass
4	9807.40	41.83	15.32	74	32.17	Peak	188.9	150	Horizontal	Pass
5	12053.66	45.78	8.72	74	28.22	Peak	249.7	150	Horizontal	Pass
6	18220.05	47.94	10.56	74	26.06	Peak	292.8	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11n20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1018.50	41.73	-4.83	74	32.27	Peak	203	150	Vertical	Pass
2	1466.38	40.54	-3.95	74	33.46	Peak	75.1	150	Vertical	Pass
3	1654.34	45.19	-4.13	74	28.81	Peak	274.8	150	Vertical	Pass
4	6404.33	43.85	13.96	74	30.15	Peak	194	150	Vertical	Pass
5	17440.10	42.37	9.58	74	31.63	Peak	319.8	150	Vertical	Pass
6	18698.42	45.15	12.36	74	28.85	Peak	62.8	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11n20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1623.38	41.50	-3.07	74	32.50	Peak	352.7	150	Horizontal	Pass
2	2762.24	45.16	0.06	74	28.84	Peak	144.6	150	Horizontal	Pass
3	4255.74	49.41	14.94	74	24.59	Peak	63.3	150	Horizontal	Pass
4	6965.89	45.91	13.83	74	28.09	Peak	294	150	Horizontal	Pass
5	14320.30	42.93	9.57	74	31.07	Peak	156.9	150	Horizontal	Pass
6	22883.53	46.43	8.24	74	27.57	Peak	351.1	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11n20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1220.95	40.43	-4.47	74	33.57	Peak	351.8	150	Vertical	Pass
2	1540.87	41.98	-4.37	74	32.03	Peak	188.5	150	Vertical	Pass
3	1869.78	46.70	-3.24	74	27.30	Peak	132.4	150	Vertical	Pass
4	6471.71	44.14	14.33	74	29.86	Peak	84.9	150	Vertical	Pass
5	16077.79	44.18	9.79	74	29.82	Peak	269.4	150	Vertical	Pass
6	24830.28	49.06	10.70	74	24.94	Peak	68	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11n20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2252.75	41.76	-4.05	74	32.24	Peak	303.6	150	Horizontal	Pass
2	3446.55	44.00	0.50	74	30.00	Peak	33	150	Horizontal	Pass
3	5002.00	49.02	10.21	74	24.98	Peak	193	150	Horizontal	Pass
4	8841.51	45.97	14.22	74	28.03	Peak	59.6	150	Horizontal	Pass
5	12300.75	40.79	9.67	74	33.22	Peak	109.8	150	Horizontal	Pass
6	24690.52	44.30	11.87	74	29.70	Peak	345.8	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11n40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1137.47	42.94	-5.85	74	31.06	Peak	54.3	150	Vertical	Pass
2	1454.89	42.67	-4.03	74	31.34	Peak	286.1	150	Vertical	Pass
3	1619.85	43.76	-4.43	74	30.24	Peak	71.8	150	Vertical	Pass
4	11683.03	45.78	15.66	74	28.22	Peak	280.9	150	Vertical	Pass
5	13405.16	51.52	8.62	74	22.48	Peak	275.4	150	Vertical	Pass
6	20397.67	47.93	9.58	74	26.07	Peak	285.6	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11n40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1323.68	42.14	-4.30	74	31.87	Peak	277.6	150	Horizontal	Pass
2	2816.18	44.16	2.26	74	29.84	Peak	351	150	Horizontal	Pass
3	3941.06	46.92	13.60	74	27.08	Peak	313.8	150	Horizontal	Pass
4	10616.06	45.30	17.74	74	28.70	Peak	80.7	150	Horizontal	Pass
5	15131.45	51.54	9.05	74	22.46	Peak	68.2	150	Horizontal	Pass
6	21565.72	44.58	8.28	74	29.42	Peak	223	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11n40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2378.62	41.04	-3.81	74	32.96	Peak	151.2	150	Vertical	Pass
2	3188.81	45.46	0.53	74	28.54	Peak	112.3	150	Vertical	Pass
3	4084.92	50.39	13.09	74	23.61	Peak	143.4	150	Vertical	Pass
4	6381.86	45.39	20.09	74	28.61	Peak	352.1	150	Vertical	Pass
5	16587.35	43.57	9.78	74	30.43	Peak	222.1	150	Vertical	Pass
6	18864.81	42.48	10.35	74	31.52	Peak	74.2	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11n40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1070.48	40.28	-4.71	74	33.72	Peak	257.3	100	Horizontal	Pass
2	1438.39	41.24	-4.04	74	32.76	Peak	250.8	100	Horizontal	Pass
3	1991.75	42.26	-2.62	74	31.74	Peak	160.5	100	Horizontal	Pass
4	6101.08	50.40	15.91	74	23.60	Peak	48.8	100	Horizontal	Pass
5	16275.37	44.94	9.13	74	29.06	Peak	345	100	Horizontal	Pass
6	22893.51	46.51	8.25	74	27.49	Peak	166.6	100	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11ac20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1097.90	41.47	-0.53	74	32.53	Peak	213.4	150	Vertical	Pass
2	3029.97	44.61	9.11	74	29.40	Peak	139.7	150	Vertical	Pass
3	5619.38	50.46	14.46	74	23.54	Peak	148.8	150	Vertical	Pass
4	11503.33	43.02	18.55	74	30.98	Peak	67.2	150	Vertical	Pass
5	14653.08	44.34	9.57	74	29.66	Peak	20.3	150	Vertical	Pass
6	23133.11	46.42	8.77	74	27.58	Peak	273.1	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11ac20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1346.41	43.88	-6.21	74	30.12	Peak	237.7	150	Horizontal	Pass
2	1419.40	44.32	-4.29	74	29.68	Peak	301	150	Horizontal	Pass
3	1664.83	42.85	-4.43	74	31.15	Peak	81.8	150	Horizontal	Pass
4	8122.71	46.63	19.63	74	27.37	Peak	309.3	150	Horizontal	Pass
5	14164.31	45.83	9.69	74	28.17	Peak	265.8	150	Horizontal	Pass
6	19419.30	47.60	11.01	74	26.40	Peak	32.1	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11ac20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1411.59	43.67	-0.26	74	30.33	Peak	61.2	150	Vertical	Pass
2	3302.70	45.16	9.03	74	28.84	Peak	141.5	150	Vertical	Pass
3	4420.58	45.02	13.86	74	28.98	Peak	297.5	150	Vertical	Pass
4	7448.84	43.37	14.64	74	30.63	Peak	42.7	150	Vertical	Pass
5	17159.32	45.60	8.75	74	28.40	Peak	47.2	150	Vertical	Pass
6	23981.70	48.75	9.34	74	25.25	Peak	6.4	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11ac20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1000.00	40.94	-4.76	74	33.06	Peak	249.1	150	Horizontal	Pass
2	1523.87	43.79	-3.98	74	30.21	Peak	200.1	150	Horizontal	Pass
3	1858.29	42.01	-2.46	74	31.99	Peak	96.1	150	Horizontal	Pass
4	10020.80	46.56	14.05	74	27.44	Peak	311.1	150	Horizontal	Pass
5	12244.59	43.67	9.68	74	30.33	Peak	125.7	150	Horizontal	Pass
6	19279.53	50.42	10.48	74	23.58	Peak	64.3	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11ac20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1099.48	42.64	-6.32	74	31.36	Peak	67	150	Vertical	Pass
2	1377.41	39.77	-4.43	74	34.23	Peak	158.1	150	Vertical	Pass
3	1795.30	42.94	-2.98	74	31.06	Peak	61	150	Vertical	Pass
4	8100.25	45.12	15.66	74	28.88	Peak	51.9	150	Vertical	Pass
5	16680.95	45.38	9.35	74	28.62	Peak	135.2	150	Vertical	Pass
6	22584.03	47.28	12.42	74	26.72	Peak	82.1	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11ac20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2162.84	42.00	-2.03	74	32.00	Peak	142.8	150	Horizontal	Pass
2	3482.52	46.41	9.03	74	27.59	Peak	355.6	150	Horizontal	Pass
3	5886.11	48.26	15.82	74	25.74	Peak	61.8	150	Horizontal	Pass
4	11873.96	44.05	18.28	74	29.95	Peak	96.9	150	Horizontal	Pass
5	13675.54	47.66	9.23	74	26.34	Peak	186.4	150	Horizontal	Pass
6	21935.11	45.83	12.41	74	28.17	Peak	348.7	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11ac40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1251.44	41.81	-5.16	74	32.19	Peak	221.7	150	Vertical	Pass
2	1407.40	41.07	-4.62	74	32.93	Peak	224.1	150	Vertical	Pass
3	1698.83	44.24	-4.29	74	29.77	Peak	155.7	150	Vertical	Pass
4	10953.00	46.07	19.25	74	27.93	Peak	350	150	Vertical	Pass
5	17242.51	43.94	9.56	74	30.06	Peak	36.6	150	Vertical	Pass
6	22204.66	46.25	11.27	74	27.75	Peak	260.9	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11ac40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1747.25	42.61	-4.45	74	31.39	Peak	267.3	150	Horizontal	Pass
2	3047.95	47.23	0.31	74	26.78	Peak	133.5	150	Horizontal	Pass
3	4642.36	48.30	15.08	74	25.70	Peak	335.6	150	Horizontal	Pass
4	6303.25	45.38	13.93	74	28.62	Peak	329.3	150	Horizontal	Pass
5	15765.81	43.57	9.37	74	30.43	Peak	25.6	150	Horizontal	Pass
6	22993.34	43.23	13.15	74	30.77	Peak	80.7	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11ac40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1361.41	42.26	-5.79	74	31.74	Peak	196.8	150	Vertical	Pass
2	1528.87	40.38	-4.42	74	33.62	Peak	325.2	150	Vertical	Pass
3	1756.31	42.07	-3.77	74	31.93	Peak	301.7	150	Vertical	Pass
4	6696.34	48.54	20.60	74	25.46	Peak	258.1	150	Vertical	Pass
5	15162.65	49.17	9.67	74	24.83	Peak	107	150	Vertical	Pass
6	23103.16	47.62	13.58	74	26.38	Peak	180.5	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11ac40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1887.11	43.60	-6.14	74	30.40	Peak	24.5	150	Horizontal	Pass
2	2882.12	43.24	0.52	74	30.76	Peak	111.3	150	Horizontal	Pass
3	4984.02	45.49	11.11	74	28.51	Peak	195	150	Horizontal	Pass
4	#N/A	43.41	15.37	74	30.59	Peak	283.6	150	Horizontal	Pass
5	13561.15	42.34	9.55	74	31.66	Peak	293.7	150	Horizontal	Pass
6	24560.73	46.66	10.23	74	27.34	Peak	187.4	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band II 11ac80 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1032.99	42.65	-5.75	74	31.35	Peak	281.9	150	Vertical	Pass
2	1443.39	41.31	-4.55	74	32.69	Peak	140.7	150	Vertical	Pass
3	1724.32	43.36	-4.02	74	30.64	Peak	75.4	150	Vertical	Pass
4	6359.40	48.44	14.29	74	25.56	Peak	139.2	150	Vertical	Pass
5	16795.34	44.25	9.74	74	29.75	Peak	15.4	150	Vertical	Pass
6	18084.86	48.43	11.35	74	25.57	Peak	320	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band II 11ac80 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1871.13	46.17	-2.17	74	27.83	Peak	292.9	150	Horizontal	Pass
2	2900.10	46.42	0.53	74	27.58	Peak	203.1	150	Horizontal	Pass
3	4627.37	47.67	10.18	74	26.33	Peak	277.4	150	Horizontal	Pass
4	6134.78	42.91	15.32	74	31.09	Peak	95.3	150	Horizontal	Pass
5	14133.11	45.77	9.08	74	28.23	Peak	4.9	150	Horizontal	Pass
6	23153.08	45.92	13.06	74	28.08	Peak	314.3	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11a Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1061.99	41.11	-6.16	74	32.89	Peak	220	150	Vertical	Pass
2	1449.89	41.43	-4.23	74	32.57	Peak	104.6	150	Vertical	Pass
3	1653.84	44.53	-2.42	74	29.47	Peak	358.5	150	Vertical	Pass
4	7864.39	43.20	14.51	74	30.80	Peak	219.3	150	Vertical	Pass
5	17585.69	46.30	20.65	74	27.70	Peak	56.7	150	Vertical	Pass
6	19828.62	46.59	13.60	74	27.41	Peak	282.7	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11a Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2074.93	41.37	-3.81	74	32.63	Peak	336.2	150	Horizontal	Pass
2	3326.67	47.83	8.86	74	26.17	Peak	299.3	150	Horizontal	Pass
3	5562.44	46.71	15.59	74	27.29	Peak	69.3	150	Horizontal	Pass
4	9414.31	46.33	14.59	74	27.67	Peak	322	150	Horizontal	Pass
5	16088.19	45.74	9.28	74	28.26	Peak	312.7	150	Horizontal	Pass
6	24510.82	44.20	11.21	74	29.80	Peak	264.3	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11a Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1150.96	43.29	-5.80	74	30.71	Peak	251	150	Vertical	Pass
2	1383.90	43.80	-4.36	74	30.20	Peak	193.1	150	Vertical	Pass
3	1861.79	44.84	-4.06	74	29.16	Peak	321.1	150	Vertical	Pass
4	8942.60	43.98	20.40	74	30.02	Peak	125.5	150	Vertical	Pass
5	12356.91	44.34	9.04	74	29.66	Peak	164.9	150	Vertical	Pass
6	22813.64	46.41	11.89	74	27.59	Peak	283.5	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11a Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1965.04	42.85	-6.23	74	31.15	Peak	103.3	150	Horizontal	Pass
2	2560.44	46.06	-0.22	74	27.94	Peak	341.9	150	Horizontal	Pass
3	5949.05	48.17	12.14	74	25.84	Peak	182.8	150	Horizontal	Pass
4	8819.05	46.11	19.10	74	27.89	Peak	135.4	150	Horizontal	Pass
5	15776.21	43.42	9.09	74	30.58	Peak	227.4	150	Horizontal	Pass
6	19369.38	45.52	12.74	74	28.48	Peak	162.1	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11a High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1117.47	42.75	-5.46	74	31.26	Peak	148.3	150	Vertical	Pass
2	1401.90	43.39	-4.28	74	30.62	Peak	59.7	150	Vertical	Pass
3	1977.26	42.68	-3.72	74	31.33	Peak	233.2	150	Vertical	Pass
4	7403.91	47.26	20.06	74	26.74	Peak	69.3	150	Vertical	Pass
5	16878.54	47.36	10.82	74	26.64	Peak	46.5	150	Vertical	Pass
6	20198.00	44.90	10.86	74	29.10	Peak	9.9	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11a High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1237.76	41.05	-5.65	74	32.95	Peak	148.7	150	Horizontal	Pass
2	2606.39	42.70	9.18	74	31.30	Peak	251.1	150	Horizontal	Pass
3	3752.25	49.29	11.63	74	24.71	Peak	208.3	150	Horizontal	Pass
4	8594.43	43.21	15.04	74	30.79	Peak	244.3	150	Horizontal	Pass
5	13789.93	44.85	20.24	74	29.15	Peak	2	150	Horizontal	Pass
6	21366.06	45.31	10.80	74	28.69	Peak	244.2	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11n20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1236.44	39.84	-6.14	74	34.16	Peak	333.8	150	Vertical	Pass
2	1517.37	43.75	-4.12	74	30.25	Peak	65.8	150	Vertical	Pass
3	1784.30	40.50	-3.63	74	33.50	Peak	199.2	150	Vertical	Pass
4	10200.50	48.67	18.99	74	25.33	Peak	253.5	150	Vertical	Pass
5	17949.67	46.95	9.20	74	27.05	Peak	251	150	Vertical	Pass
6	19778.70	45.86	10.16	74	28.14	Peak	31.4	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11n20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1921.08	43.24	-2.32	74	30.76	Peak	288.7	150	Horizontal	Pass
2	2920.08	47.00	1.46	74	27.00	Peak	169.6	150	Horizontal	Pass
3	5787.21	46.43	11.21	74	27.58	Peak	331.2	150	Horizontal	Pass
4	10863.15	49.03	18.85	74	24.97	Peak	279.6	150	Horizontal	Pass
5	17793.68	50.07	20.75	74	23.93	Peak	45.4	150	Horizontal	Pass
6	18407.24	44.48	13.38	74	29.52	Peak	334.4	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11n20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1007.00	42.22	-4.55	74	31.78	Peak	229.5	150	Vertical	Pass
2	1404.40	40.65	-4.67	74	33.35	Peak	101.2	150	Vertical	Pass
3	1789.30	44.86	-3.07	74	29.14	Peak	82.1	150	Vertical	Pass
4	10234.19	48.46	16.85	74	25.54	Peak	161.1	150	Vertical	Pass
5	15682.61	48.93	9.69	74	25.07	Peak	323	150	Vertical	Pass
6	24171.38	48.29	11.25	74	25.71	Peak	319.6	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11n20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2001.00	42.24	-4.59	74	31.77	Peak	9.7	150	Horizontal	Pass
2	2588.41	45.39	-0.03	74	28.61	Peak	117.9	150	Horizontal	Pass
3	5250.75	49.79	10.79	74	24.21	Peak	117.9	150	Horizontal	Pass
4	7111.90	45.09	14.71	74	28.91	Peak	178.8	150	Horizontal	Pass
5	13207.57	45.65	9.08	74	28.35	Peak	91.3	150	Horizontal	Pass
6	23352.75	46.77	12.60	74	27.23	Peak	46.6	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11n20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1117.47	42.83	-5.20	74	31.17	Peak	46.9	150	Vertical	Pass
2	1377.41	43.47	-4.49	74	30.53	Peak	152.2	150	Vertical	Pass
3	1787.80	42.98	-4.28	74	31.02	Peak	315	150	Vertical	Pass
4	9324.46	50.45	14.57	74	23.55	Peak	290.6	150	Vertical	Pass
5	12514.14	43.89	9.46	74	30.11	Peak	261.4	150	Vertical	Pass
6	24870.22	46.10	11.32	74	27.90	Peak	131.6	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11n20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1407.59	43.23	-6.30	74	30.77	Peak	56	150	Horizontal	Pass
2	2720.28	45.90	8.79	74	28.10	Peak	151.6	150	Horizontal	Pass
3	5613.39	48.26	13.85	74	25.75	Peak	287	150	Horizontal	Pass
4	6247.09	45.77	16.37	74	28.23	Peak	301.8	150	Horizontal	Pass
5	15849.00	47.40	8.57	74	26.60	Peak	139.7	150	Horizontal	Pass
6	21905.16	46.85	12.92	74	27.15	Peak	299.2	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11n40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1135.97	42.09	-6.25	74	31.91	Peak	142.3	150	Vertical	Pass
2	1495.38	41.84	-4.09	74	32.16	Peak	109.5	150	Vertical	Pass
3	1678.83	40.19	-3.93	74	33.81	Peak	45.4	150	Vertical	Pass
4	7201.75	43.60	16.24	74	30.41	Peak	231.6	150	Vertical	Pass
5	17211.31	43.64	9.74	74	30.36	Peak	53.7	150	Vertical	Pass
6	24101.50	45.34	10.52	74	28.66	Peak	287.8	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11n40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1885.12	43.56	-0.02	74	30.44	Peak	211.8	150	Horizontal	Pass
2	2784.22	46.84	-0.31	74	27.16	Peak	97.7	150	Horizontal	Pass
3	5061.94	46.07	15.08	74	27.93	Peak	348.7	150	Horizontal	Pass
4	8145.18	44.30	15.23	74	29.70	Peak	316.2	150	Horizontal	Pass
5	12525.37	43.62	9.64	74	30.39	Peak	278.3	150	Horizontal	Pass
6	18677.62	43.54	12.28	74	30.46	Peak	194.2	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11n40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1180.46	42.67	-4.72	74	31.33	Peak	328.2	150	Vertical	Pass
2	1420.90	40.27	-4.28	74	33.73	Peak	279.3	150	Vertical	Pass
3	1842.29	42.59	-2.62	74	31.41	Peak	38.7	150	Vertical	Pass
4	10245.42	45.57	20.28	74	28.44	Peak	135.5	150	Vertical	Pass
5	16888.94	47.35	10.07	74	26.65	Peak	275.9	150	Vertical	Pass
6	22284.53	47.84	12.94	74	26.16	Peak	154.8	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11n40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1527.47	41.82	-5.96	74	32.19	Peak	144.2	150	Horizontal	Pass
2	2576.42	46.64	0.54	74	27.36	Peak	0.6	150	Horizontal	Pass
3	4438.56	49.77	15.29	74	24.23	Peak	213.8	150	Horizontal	Pass
4	7179.29	43.58	14.21	74	30.42	Peak	38.3	150	Horizontal	Pass
5	14465.89	45.79	8.82	74	28.21	Peak	333.8	150	Horizontal	Pass
6	24610.65	47.12	11.46	74	26.88	Peak	211.7	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11ac20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1027.49	42.24	-4.82	74	31.76	Peak	342.7	150	Vertical	Pass
2	1559.86	42.95	-4.21	74	31.05	Peak	158	150	Vertical	Pass
3	1685.83	41.66	-3.74	74	32.34	Peak	83.4	150	Vertical	Pass
4	8560.73	43.47	18.84	74	30.53	Peak	131.8	150	Vertical	Pass
5	13945.92	47.21	8.73	74	26.79	Peak	203.2	150	Vertical	Pass
6	23332.78	44.16	9.26	74	29.84	Peak	211.5	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11ac20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1641.36	43.96	-5.18	74	30.04	Peak	43.7	150	Horizontal	Pass
2	2596.40	46.80	2.47	74	27.20	Peak	292.6	150	Horizontal	Pass
3	5739.26	44.32	14.25	74	29.68	Peak	285	150	Horizontal	Pass
4	8886.44	46.91	18.24	74	27.09	Peak	275.1	150	Horizontal	Pass
5	17429.70	46.21	10.77	74	27.79	Peak	42.9	150	Horizontal	Pass
6	20207.99	50.36	11.10	74	23.64	Peak	36.9	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11ac20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1154.96	41.47	-5.61	74	32.53	Peak	155.3	150	Vertical	Pass
2	1381.41	44.85	-4.45	74	29.15	Peak	254.5	150	Vertical	Pass
3	1614.35	44.37	-2.49	74	29.64	Peak	39.6	150	Vertical	Pass
4	11694.26	50.43	14.81	74	23.57	Peak	201.2	150	Vertical	Pass
5	12559.07	46.90	11.94	74	27.10	Peak	136	150	Vertical	Pass
6	23422.63	47.12	10.35	74	26.88	Peak	166.5	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11ac20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1123.88	43.46	-0.56	74	30.54	Peak	202.9	150	Horizontal	Pass
2	3332.67	46.87	2.26	74	27.13	Peak	116.6	150	Horizontal	Pass
3	4738.26	49.84	15.91	74	24.16	Peak	289.1	150	Horizontal	Pass
4	10234.19	44.83	20.36	74	29.17	Peak	283.4	150	Horizontal	Pass
5	15339.43	42.81	9.04	74	31.19	Peak	178.2	150	Horizontal	Pass
6	21376.04	49.06	10.60	74	24.94	Peak	20.2	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11ac20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1361.41	40.80	-6.23	74	33.20	Peak	278.2	150	Vertical	Pass
2	1500.88	44.16	-4.44	74	29.84	Peak	284.3	150	Vertical	Pass
3	1936.77	46.08	-3.74	74	27.92	Peak	282.7	150	Vertical	Pass
4	10908.07	43.57	19.00	74	30.43	Peak	293.5	150	Vertical	Pass
5	17284.11	43.93	8.73	74	30.07	Peak	85.1	150	Vertical	Pass
6	21396.01	45.47	11.73	74	28.53	Peak	109.1	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11ac20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1041.96	40.29	-3.72	74	33.71	Peak	323.6	150	Horizontal	Pass
2	3299.70	47.26	1.60	74	26.74	Peak	159.9	150	Horizontal	Pass
3	4693.31	46.48	12.16	74	27.52	Peak	60.4	150	Horizontal	Pass
4	11615.64	44.99	19.09	74	29.01	Peak	258.5	150	Horizontal	Pass
5	16316.97	49.64	9.03	74	24.36	Peak	349.3	150	Horizontal	Pass
6	24790.35	46.61	11.04	74	27.39	Peak	146.4	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11ac40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1234.44	42.14	-4.82	74	31.86	Peak	142.1	150	Vertical	Pass
2	1557.36	41.98	-4.51	74	32.02	Peak	331.3	150	Vertical	Pass
3	1685.83	43.86	-3.67	74	30.14	Peak	312.2	150	Vertical	Pass
4	7651.00	46.07	15.06	74	27.93	Peak	39.3	150	Vertical	Pass
5	15193.84	50.58	10.64	74	23.42	Peak	40.3	150	Vertical	Pass
6	20267.89	46.44	13.28	74	27.57	Peak	270.5	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11ac40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2382.62	42.09	-4.30	74	31.91	Peak	181.6	150	Horizontal	Pass
2	3284.72	45.77	2.63	74	28.23	Peak	282.5	150	Horizontal	Pass
3	5337.66	49.45	11.66	74	24.55	Peak	313	150	Horizontal	Pass
4	7943.01	44.02	14.31	74	29.98	Peak	94.5	150	Horizontal	Pass
5	17564.89	43.98	8.93	74	30.03	Peak	190.5	150	Horizontal	Pass
6	24221.30	46.50	10.26	74	27.50	Peak	82.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11ac40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1209.95	41.54	-6.19	74	32.46	Peak	261.9	150	Vertical	Pass
2	1519.37	43.97	-4.45	74	30.04	Peak	224	150	Vertical	Pass
3	1803.30	45.20	-3.80	74	28.80	Peak	218.8	150	Vertical	Pass
4	9807.40	45.11	20.71	74	28.89	Peak	203.5	150	Vertical	Pass
5	12581.53	43.10	9.51	74	30.90	Peak	39.2	150	Vertical	Pass
6	19089.85	44.35	13.93	74	29.65	Peak	194.7	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11ac40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2196.80	40.73	-4.31	74	33.27	Peak	36.4	150	Horizontal	Pass
2	3398.60	45.96	-0.01	74	28.05	Peak	329.7	150	Horizontal	Pass
3	3833.17	45.37	13.33	74	28.63	Peak	256.4	150	Horizontal	Pass
4	11278.70	45.41	14.47	74	28.59	Peak	314.6	150	Horizontal	Pass
5	12671.38	46.61	9.37	74	27.39	Peak	24.4	150	Horizontal	Pass
6	18188.85	44.68	11.50	74	29.32	Peak	282.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band III 11ac80 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1089.98	40.36	-5.94	74	33.64	Peak	156.7	150	Vertical	Pass
2	1485.38	41.03	-4.60	74	32.97	Peak	17.1	150	Vertical	Pass
3	1630.34	41.71	-3.10	74	32.29	Peak	209.7	150	Vertical	Pass
4	7448.84	42.93	20.00	74	31.07	Peak	34.1	150	Vertical	Pass
5	13217.97	47.18	9.23	74	26.82	Peak	36.8	150	Vertical	Pass
6	22933.44	44.08	9.60	74	29.92	Peak	197.4	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band III 11ac80 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2272.73	41.78	-4.75	74	32.23	Peak	130.3	150	Horizontal	Pass
2	2502.50	47.70	2.30	74	26.30	Peak	96.5	150	Horizontal	Pass
3	4057.94	49.45	15.30	74	24.55	Peak	58.7	150	Horizontal	Pass
4	11076.54	50.96	13.69	74	23.04	Peak	317	150	Horizontal	Pass
5	17128.12	45.34	9.12	74	28.66	Peak	292.9	150	Horizontal	Pass
6	24201.33	46.42	12.36	74	27.58	Peak	291.3	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11a Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1239.44	39.33	-5.59	74	34.67	Peak	25.1	150	Vertical	Pass
2	1505.37	42.09	-4.44	74	31.91	Peak	39.2	150	Vertical	Pass
3	1643.34	44.67	-3.72	74	29.33	Peak	113.8	150	Vertical	Pass
4	11346.09	46.26	13.82	74	27.75	Peak	354.8	150	Vertical	Pass
5	17752.08	47.96	9.78	74	26.04	Peak	162.1	150	Vertical	Pass
6	23133.11	47.22	8.27	74	26.78	Peak	254.7	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11a Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1000.00	40.60	-5.22	74	33.40	Peak	140.3	150	Horizontal	Pass
2	3137.86	46.90	0.66	74	27.10	Peak	177.5	150	Horizontal	Pass
3	3629.37	51.73	9.86	74	22.27	Peak	181.7	150	Horizontal	Pass
4	10705.91	47.96	14.99	74	26.04	Peak	151.9	150	Horizontal	Pass
5	14809.07	49.66	20.29	74	24.34	Peak	138	150	Horizontal	Pass
6	22983.36	45.16	11.01	74	28.84	Peak	228.3	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11a Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1097.48	41.42	-5.21	74	32.58	Peak	329	150	Vertical	Pass
2	1429.39	42.17	-4.21	74	31.83	Peak	236.2	150	Vertical	Pass
3	1924.77	42.28	-3.98	74	31.72	Peak	159.1	150	Vertical	Pass
4	10739.60	45.61	14.48	74	28.39	Peak	253.6	150	Vertical	Pass
5	15953.00	45.38	9.52	74	28.62	Peak	5.4	150	Vertical	Pass
6	24161.40	48.01	11.72	74	25.99	Peak	221.7	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11a Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1497.50	43.22	-0.42	74	30.78	Peak	307.1	150	Horizontal	Pass
2	2624.38	46.13	2.31	74	27.87	Peak	106.5	150	Horizontal	Pass
3	4477.52	49.51	11.41	74	24.49	Peak	349.4	150	Horizontal	Pass
4	9582.78	50.54	16.85	74	23.46	Peak	284.5	150	Horizontal	Pass
5	16015.39	48.51	9.55	74	25.49	Peak	245.1	150	Horizontal	Pass
6	18677.62	45.93	12.04	74	28.07	Peak	246.2	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11a High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1291.43	42.05	-4.79	74	31.95	Peak	356	150	Vertical	Pass
2	1562.36	41.37	-4.49	74	32.63	Peak	206.2	150	Vertical	Pass
3	1685.33	44.32	-3.75	74	29.68	Peak	113.9	150	Vertical	Pass
4	9212.15	49.90	17.79	74	24.10	Peak	71.9	150	Vertical	Pass
5	14465.89	41.58	9.52	74	32.42	Peak	200.2	150	Vertical	Pass
6	22124.79	45.08	12.73	74	28.93	Peak	220.2	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11a High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1277.72	43.52	-6.13	74	30.48	Peak	225.5	150	Horizontal	Pass
2	2766.23	45.19	9.00	74	28.81	Peak	337.6	150	Horizontal	Pass
3	3542.46	50.73	11.59	74	23.27	Peak	171.9	150	Horizontal	Pass
4	9773.71	43.46	18.22	74	30.54	Peak	81.4	150	Horizontal	Pass
5	14809.07	41.37	9.05	74	32.63	Peak	86.7	150	Horizontal	Pass
6	20227.95	47.48	11.77	74	26.52	Peak	323.8	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11n20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1011.00	40.34	-5.44	74	33.66	Peak	95.2	150	Vertical	Pass
2	1473.88	43.76	-4.51	74	30.24	Peak	93	150	Vertical	Pass
3	1586.85	40.08	-2.49	74	33.92	Peak	0.1	150	Vertical	Pass
4	8965.06	47.33	14.05	74	26.67	Peak	214.6	150	Vertical	Pass
5	13124.38	44.50	9.23	74	29.50	Peak	19.4	150	Vertical	Pass
6	22474.21	49.52	11.97	74	24.48	Peak	30.1	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11n20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2422.58	42.07	-0.39	74	31.93	Peak	279.5	150	Horizontal	Pass
2	2956.04	45.81	9.09	74	28.19	Peak	199.3	150	Horizontal	Pass
3	4612.39	45.66	10.79	74	28.34	Peak	278.8	150	Horizontal	Pass
4	11132.70	47.50	20.44	74	26.50	Peak	146	150	Horizontal	Pass
5	15859.40	49.92	9.75	74	24.08	Peak	190.9	150	Horizontal	Pass
6	22144.76	44.87	11.46	74	29.13	Peak	159.2	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11n20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1226.44	42.31	-6.24	74	31.69	Peak	218.5	150	Vertical	Pass
2	1379.91	40.48	-4.54	74	33.52	Peak	7.5	150	Vertical	Pass
3	1689.83	43.90	-2.84	74	30.10	Peak	329.2	150	Vertical	Pass
4	10335.28	46.90	14.12	74	27.10	Peak	175.8	150	Vertical	Pass
5	16181.78	50.26	9.16	74	23.74	Peak	265.9	150	Vertical	Pass
6	20507.49	50.01	9.12	74	23.99	Peak	337.4	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11n20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2122.88	46.08	-0.32	74	27.92	Peak	355.4	150	Horizontal	Pass
2	2840.16	45.01	9.16	74	29.00	Peak	341	150	Horizontal	Pass
3	5598.40	51.66	15.43	74	22.34	Peak	37.8	150	Horizontal	Pass
4	10638.52	45.82	16.92	74	28.18	Peak	28.9	150	Horizontal	Pass
5	13093.18	42.99	9.59	74	31.01	Peak	262.3	150	Horizontal	Pass
6	21495.84	46.56	13.17	74	27.44	Peak	44.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11n20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1197.95	39.41	-5.18	74	34.59	Peak	214.8	150	Vertical	Pass
2	1534.87	43.55	-4.53	74	30.46	Peak	261.2	150	Vertical	Pass
3	1785.80	42.45	-2.77	74	31.55	Peak	104.1	150	Vertical	Pass
4	9077.37	46.94	14.31	74	27.06	Peak	99.9	150	Vertical	Pass
5	15048.25	50.13	9.03	74	23.87	Peak	61.8	150	Vertical	Pass
6	19259.57	43.17	9.45	74	30.83	Peak	42.9	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11n20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2266.73	44.91	-1.05	74	29.09	Peak	229.3	150	Horizontal	Pass
2	2874.13	45.45	8.89	74	28.55	Peak	248.6	150	Horizontal	Pass
3	3551.45	50.80	14.56	74	23.20	Peak	56.3	150	Horizontal	Pass
4	6527.87	44.93	19.67	74	29.07	Peak	129.8	150	Horizontal	Pass
5	16285.77	44.85	11.44	74	29.15	Peak	275.7	150	Horizontal	Pass
6	20307.82	45.90	8.22	74	28.10	Peak	251.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11n40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1137.47	41.29	-5.54	74	32.71	Peak	227.6	150	Vertical	Pass
2	1524.87	40.66	-4.44	74	33.34	Peak	118.3	150	Vertical	Pass
3	1858.79	41.97	-2.61	74	32.03	Peak	314.9	150	Vertical	Pass
4	9481.70	44.68	14.08	74	29.32	Peak	194.3	150	Vertical	Pass
5	17575.29	44.57	8.73	74	29.43	Peak	99.8	150	Vertical	Pass
6	19559.07	47.07	10.05	74	26.93	Peak	324.8	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11n40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1771.23	43.42	-3.70	74	30.58	Peak	136.6	150	Horizontal	Pass
2	2910.09	45.72	9.12	74	28.28	Peak	317.2	150	Horizontal	Pass
3	5295.70	50.11	10.74	74	23.89	Peak	86.1	150	Horizontal	Pass
4	8807.82	49.00	15.14	74	25.00	Peak	215.3	150	Horizontal	Pass
5	15027.45	43.24	9.78	74	30.77	Peak	101.1	150	Horizontal	Pass
6	19539.10	44.56	12.89	74	29.44	Peak	227.7	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11n40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1258.94	40.37	-5.55	74	33.63	Peak	0.7	150	Vertical	Pass
2	1394.90	41.58	-4.26	74	32.42	Peak	263.7	150	Vertical	Pass
3	1746.31	43.38	-4.20	74	30.63	Peak	45.1	150	Vertical	Pass
4	9470.47	49.10	17.01	74	24.91	Peak	25.3	150	Vertical	Pass
5	17772.88	44.23	9.84	74	29.77	Peak	316.5	150	Vertical	Pass
6	18147.26	47.75	10.62	74	26.25	Peak	207.3	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11n40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2482.52	42.44	-0.53	74	31.56	Peak	148.3	150	Horizontal	Pass
2	2826.17	45.74	9.08	74	28.26	Peak	45.9	150	Horizontal	Pass
3	4648.35	50.37	14.83	74	23.63	Peak	356.2	150	Horizontal	Pass
4	7089.43	49.36	20.41	74	24.64	Peak	187.4	150	Horizontal	Pass
5	17939.27	43.61	11.00	74	30.39	Peak	51.8	150	Horizontal	Pass
6	21795.34	43.41	12.89	74	30.59	Peak	309.1	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11ac20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1333.92	43.26	-6.20	74	30.74	Peak	222.1	150	Vertical	Pass
2	1376.91	44.02	-4.56	74	29.98	Peak	58	150	Vertical	Pass
3	1730.32	44.35	-2.56	74	29.65	Peak	30.6	150	Vertical	Pass
4	9043.68	41.73	14.38	74	32.27	Peak	49.5	150	Vertical	Pass
5	15672.21	45.39	10.55	74	28.61	Peak	21.6	150	Vertical	Pass
6	21086.52	45.61	12.78	74	28.39	Peak	350.5	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11ac20 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1677.32	43.66	-0.50	74	30.34	Peak	176.4	150	Horizontal	Pass
2	2922.08	47.69	9.70	74	26.31	Peak	37.1	150	Horizontal	Pass
3	4375.62	49.63	13.50	74	24.37	Peak	76.6	150	Horizontal	Pass
4	11188.85	40.20	14.43	74	33.81	Peak	64.9	150	Horizontal	Pass
5	14892.26	45.05	9.05	74	28.95	Peak	355.6	150	Horizontal	Pass
6	18261.65	47.57	11.16	74	26.43	Peak	12.6	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11ac20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1028.49	41.68	-6.18	74	32.32	Peak	124.8	150	Vertical	Pass
2	1554.36	44.19	-4.52	74	29.81	Peak	103.1	150	Vertical	Pass
3	1868.28	43.20	-4.17	74	30.80	Peak	271	150	Vertical	Pass
4	8942.60	49.34	15.10	74	24.66	Peak	263	150	Vertical	Pass
5	13186.77	43.24	9.11	74	30.76	Peak	134.4	150	Vertical	Pass
6	20707.16	43.97	10.10	74	30.03	Peak	305	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11ac20 Middle channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1159.84	41.60	-5.22	74	32.40	Peak	164.3	150	Horizontal	Pass
2	2738.26	44.72	8.96	74	29.28	Peak	285	150	Horizontal	Pass
3	5031.97	48.58	12.12	74	25.42	Peak	118.2	150	Horizontal	Pass
4	11413.48	42.51	20.21	74	31.49	Peak	315.8	150	Horizontal	Pass
5	17356.91	45.84	9.02	74	28.16	Peak	90.7	150	Horizontal	Pass
6	21445.92	44.43	11.66	74	29.58	Peak	238.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11ac20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1141.47	41.18	-6.19	74	32.82	Peak	238.4	150	Vertical	Pass
2	1536.37	40.85	-4.48	74	33.15	Peak	256	150	Vertical	Pass
3	1778.31	43.78	-3.79	74	30.23	Peak	269.2	150	Vertical	Pass
4	6943.43	48.69	19.00	74	25.31	Peak	27.5	150	Vertical	Pass
5	15724.21	50.18	9.63	74	23.83	Peak	257.8	150	Vertical	Pass
6	24760.40	47.47	11.31	74	26.53	Peak	249.9	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11ac20 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1057.94	41.06	-0.22	74	32.94	Peak	146.4	150	Horizontal	Pass
2	3152.85	46.43	1.77	74	27.58	Peak	5.8	150	Horizontal	Pass
3	3665.34	49.21	9.90	74	24.79	Peak	345.5	150	Horizontal	Pass
4	6774.96	48.80	14.16	74	25.20	Peak	283.2	150	Horizontal	Pass
5	14299.50	51.25	11.35	74	22.76	Peak	186.5	150	Horizontal	Pass
6	23302.83	47.81	11.24	74	26.19	Peak	147.5	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11ac40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1252.94	41.67	-6.11	74	32.33	Peak	298.2	150	Vertical	Pass
2	1580.86	39.97	-4.43	74	34.03	Peak	321.3	150	Vertical	Pass
3	1665.33	40.56	-4.09	74	33.44	Peak	310.5	150	Vertical	Pass
4	6134.78	46.27	18.64	74	27.73	Peak	205.8	150	Vertical	Pass
5	15152.25	43.12	12.09	74	30.88	Peak	71.6	150	Vertical	Pass
6	18584.03	43.32	11.23	74	30.68	Peak	254.8	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11ac40 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1093.91	40.48	-1.07	74	33.52	Peak	355.1	150	Horizontal	Pass
2	3479.52	44.94	8.98	74	29.06	Peak	84.8	150	Horizontal	Pass
3	4555.45	47.80	15.74	74	26.20	Peak	164.6	150	Horizontal	Pass
4	8414.73	49.69	14.51	74	24.31	Peak	335	150	Horizontal	Pass
5	15318.64	45.04	10.59	74	28.97	Peak	47.9	150	Horizontal	Pass
6	19459.24	44.10	13.06	74	29.90	Peak	4.3	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11ac40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1073.98	43.20	-5.83	74	30.80	Peak	31.6	150	Vertical	Pass
2	1489.38	43.19	-4.11	74	30.81	Peak	201.7	150	Vertical	Pass
3	1637.34	44.11	-3.09	74	29.89	Peak	186.7	150	Vertical	Pass
4	7437.60	44.95	18.79	74	29.05	Peak	139.6	150	Vertical	Pass
5	13748.34	45.63	8.80	74	28.38	Peak	214.9	150	Vertical	Pass
6	23173.05	46.02	9.62	74	27.98	Peak	287.3	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11ac40 High channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1623.38	44.01	-0.27	74	29.99	Peak	347.1	150	Horizontal	Pass
2	2630.37	45.35	8.97	74	28.65	Peak	211.6	150	Horizontal	Pass
3	5481.52	47.94	15.53	74	26.06	Peak	38.7	150	Horizontal	Pass
4	9234.61	43.97	15.41	74	30.03	Peak	312.9	150	Horizontal	Pass
5	16368.97	44.12	9.82	74	29.88	Peak	137.8	150	Horizontal	Pass
6	19718.80	48.25	11.32	74	25.75	Peak	350.1	150	Horizontal	Pass

1 GHz to 40 GHz, ANT V Band IV 11ac80 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1368.91	43.76	-5.83	74	30.24	Peak	317.5	150	Vertical	Pass
2	1471.38	44.36	-4.60	74	29.65	Peak	215.9	150	Vertical	Pass
3	1967.76	41.62	-2.49	74	32.38	Peak	140.8	150	Vertical	Pass
4	8077.79	39.79	19.07	74	34.22	Peak	336.3	150	Vertical	Pass
5	12978.79	47.67	9.13	74	26.33	Peak	153.1	150	Vertical	Pass
6	18729.62	46.53	11.95	74	27.47	Peak	349.1	150	Vertical	Pass

1 GHz to 40 GHz, ANT H Band IV 11ac80 Low channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1513.49	42.04	-0.44	74	31.96	Peak	209.3	150	Horizontal	Pass
2	2834.17	44.19	1.71	74	29.81	Peak	342.7	150	Horizontal	Pass
3	5379.62	48.45	12.44	74	25.56	Peak	290.4	150	Horizontal	Pass
4	8504.58	49.40	15.05	74	24.60	Peak	269.9	150	Horizontal	Pass
5	13529.95	45.28	9.58	74	28.72	Peak	104.2	150	Horizontal	Pass
6	23103.16	44.05	12.84	74	29.95	Peak	289.2	150	Horizontal	Pass

Band Edge (Restricted-band)

Note: Test plots please refer to the document “Annex No.: BL-SZ1680175-604 Data Part 5.pdf”.

Test Band	Mode	Channel	Verdict
Band 1	802.11a(HT20)	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
802.11ac(HT80)	Low	Pass	
Band 2	802.11a(HT20)	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
802.11ac(HT80)	Low	Pass	
Band 3	802.11a(HT20)	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
802.11ac(HT80)	Low	Pass	
Band 4	802.11a(HT20)	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
802.11ac(HT80)	Low	Pass	

A.8 Frequency Stability

Measurement Data (the worst channel)

ANT 0

Band I:

Voltage vs. Frequency Stability (11a CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5220	5220.016024	3.07
	3.85	5220	5220.022541	4.32
	4.40	5220	5220.047644	9.13

Temperature vs. Frequency Stability (11a CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5220	5219.981477	-3.55
	0	5220	5220.033364	6.39
	10	5220	5220.033715	6.46
	20	5220	5220.035096	6.72
	30	5220	5219.961551	-7.37
	40	5220	5220.007242	1.39
	60	5220	5220.042294	8.10

Voltage vs. Frequency Stability (11n (HT20) CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5220	5220.012931	2.48
	3.85	5220	5220.027633	5.29
	4.40	5220	5220.007925	1.52

Temperature vs. Frequency Stability (11n (HT20) CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5220	5219.960841	-7.50
	0	5220	5220.005094	0.98
	10	5220	5220.022819	4.37
	20	5220	5220.028842	5.53
	30	5220	5219.987053	-2.48
	40	5220	5220.033523	6.42
	60	5220	5220.048043	9.20

Voltage vs. Frequency Stability (11n (HT40) CH38)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5190	5190.008906	1.72
	3.85	5190	5190.028837	5.56
	4.40	5190	5190.045196	8.71

Temperature vs. Frequency Stability (11n (HT40) CH38)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5190	5189.974559	-4.90
	0	5190	5190.044899	8.65
	10	5190	5190.015763	3.04
	20	5190	5190.021384	4.12
	30	5190	5189.993122	-1.33
	40	5190	5190.027191	5.24
	60	5190	5190.004810	0.93

Voltage vs. Frequency Stability (11ac (HT20) CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5220	5220.023105	4.43
	3.85	5220	5220.018340	3.51
	4.40	5220	5220.028646	5.49

Temperature vs. Frequency Stability (11ac (HT20) CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5220	5219.965521	-6.61
	0	5220	5220.034671	6.64
	10	5220	5220.006959	1.33
	20	5220	5220.046891	8.98
	30	5220	5219.97344	-5.09
	40	5220	5220.026563	5.09
	60	5220	5220.048987	9.38

Voltage vs. Frequency Stability (11n (HT40) CH38)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5190	5190.000826	0.16
	3.85	5190	5190.039486	7.61
	4.40	5190	5190.035008	6.75

Temperature vs. Frequency Stability (11n (HT40) CH38)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5190	5189.960169	-7.67
	0	5190	5190.022563	4.35
	10	5190	5190.019716	3.80
	20	5190	5190.003056	0.59
	30	5190	5189.959342	-7.83
	40	5190	5190.013284	2.56
	60	5190	5190.035953	6.93

Voltage vs. Frequency Stability (11ac (HT80) CH42)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5210	5210.006718	1.29
	3.85	5210	5210.017051	3.27
	4.40	5210	5210.010037	1.93

Temperature vs. Frequency Stability (11ac (HT80) CH42)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5210	5209.977542	-4.31
	0	5210	5210.035135	6.74
	10	5210	5210.022359	4.29
	20	5210	5210.042657	8.19
	30	5210	5209.973603	-5.07
	40	5210	5210.026997	5.18
	60	5210	5210.043808	8.41

Band II:
Voltage vs. Frequency Stability (11a CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5280	5280.046379	8.78
	3.85	5280	5280.003722	0.70
	4.40	5280	5280.046948	8.89

Temperature vs. Frequency Stability (11a CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5280	5279.988900	-2.10
	0	5280	5280.033811	6.40
	10	5280	5280.037128	7.03
	20	5280	5280.019635	3.72
	30	5280	5279.951353	-9.21
	40	5280	5280.022215	4.21
	60	5280	5280.030282	5.74

Voltage vs. Frequency Stability (11n (HT20) CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5280	5280.038112	7.22
	3.85	5280	5280.039534	7.49
	4.40	5280	5280.020197	3.83

Temperature vs. Frequency Stability (11n (HT20) CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5280	5279.988852	-2.11
	0	5280	5280.010796	2.04
	10	5280	5280.040944	7.75
	20	5280	5280.017759	3.36
	30	5280	5279.98667	-2.52
	40	5280	5280.03358	6.36
	60	5280	5280.017888	3.39

Voltage vs. Frequency Stability (11n (HT40) CH54)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5270	5270.002605	0.49
	3.85	5270	5270.030128	5.72
	4.40	5270	5270.021974	4.17

Temperature vs. Frequency Stability (11n (HT40) CH54)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5270	5269.96144	-7.32
	0	5270	5270.022465	4.26
	10	5270	5270.029041	5.51
	20	5270	5270.004194	0.80
	30	5270	5269.963174	-6.99
	40	5270	5270.039864	7.56
	60	5270	5270.037702	7.15

Voltage vs. Frequency Stability (11ac (HT20) CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5280	5280.038770	7.34
	3.85	5280	5280.002872	0.54
	4.40	5280	5280.031969	6.05

Temperature vs. Frequency Stability (11ac (HT20) CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5280	5279.974335	-4.86
	0	5280	5280.034899	6.61
	10	5280	5280.00764	1.45
	20	5280	5280.042442	8.04
	30	5280	5279.993983	-1.14
	40	5280	5280.026579	5.03
	60	5280	5280.004944	0.94

Voltage vs. Frequency Stability (11ac (HT40) CH54)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5270	5270.000879	0.17
	3.85	5270	5270.046299	8.79
	4.40	5270	5270.034172	6.48

Temperature vs. Frequency Stability (11ac (HT40) CH54)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5270	5269.957392	-8.09
	0	5270	5270.034118	6.47
	10	5270	5270.00681	1.29
	20	5270	5270.027353	5.19
	30	5270	5269.990055	-1.89
	40	5270	5270.011788	2.24
	60	5270	5270.007369	1.40

Voltage vs. Frequency Stability (11ac (HT80) CH58)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5290	5290.049732	9.40
	3.85	5290	5290.044484	8.41
	4.40	5290	5290.038203	7.22

Temperature vs. Frequency Stability (11n (HT80) CH58)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5290	5289.976595	-4.42
	0	5290	5290.028554	5.40
	10	5290	5290.045916	8.68
	20	5290	5290.01978	3.74
	30	5290	5289.966509	-6.33
	40	5290	5290.041225	7.79
	60	5290	5290.033701	6.37

Band III:
Voltage vs. Frequency Stability (11a CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5580	5580.041348	7.41
	3.85	5580	5580.011455	2.05
	4.40	5580	5580.000321	0.06

Temperature vs. Frequency Stability (11a CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5580	5579.990676	-1.67
	0	5580	5580.015773	2.83
	10	5580	5580.014912	2.67
	20	5580	5580.013353	2.39
	30	5580	5579.985496	-2.60
	40	5580	5580.001396	0.25
	60	5580	5580.041325	7.41

Voltage vs. Frequency Stability (11n (HT20) CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5580	5580.037286	6.68
	3.85	5580	5580.034431	6.17
	4.40	5580	5580.015006	2.69

Temperature vs. Frequency Stability (11n (HT20) CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5580	5579.992306	-1.38
	0	5580	5580.015698	2.81
	10	5580	5580.003347	0.60
	20	5580	5580.027652	4.96
	30	5580	5579.978587	-3.84
	40	5580	5580.013615	2.44
	60	5580	5580.040985	7.34

Voltage vs. Frequency Stability (11n (HT40) CH102)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5510	5510.040115	7.28
	3.85	5510	5510.006227	1.13
	4.40	5510	5510.045892	8.33

Temperature vs. Frequency Stability (11n (HT40) CH102)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5510	5509.964736	-6.40
	0	5510	5510.005139	0.93
	10	5510	5510.02116	3.84
	20	5510	5510.011615	2.11
	30	5510	5509.95327	-8.48
	40	5510	5510.025031	4.54
	60	5510	5510.029046	5.27

Voltage vs. Frequency Stability (11ac (HT20) CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5580	5580.000336	0.06
	3.85	5580	5580.029503	5.29
	4.40	5580	5580.022067	3.95

Temperature vs. Frequency Stability (11ac (HT20) CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5580	5579.989981	-1.80
	0	5580	5580.032457	5.82
	10	5580	5580.010839	1.94
	20	5580	5580.009732	1.74
	30	5580	5579.975333	-4.42
	40	5580	5580.013416	2.40
	60	5580	5580.047165	8.45

Voltage vs. Frequency Stability (11ac (HT40) CH102)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5510	5510.045894	8.33
	3.85	5510	5510.034319	6.23
	4.40	5510	5510.029842	5.42

Temperature vs. Frequency Stability (11ac (HT40) CH102)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5510	5509.993095	-1.25
	0	5510	5510.039693	7.20
	10	5510	5510.022192	4.03
	20	5510	5510.015919	2.89
	30	5510	5509.971002	-5.26
	40	5510	5510.019217	3.49
	60	5510	5510.007899	1.43

Voltage vs. Frequency Stability (11ac (HT80) CH106)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5530	5530.007154	1.29
	3.85	5530	5530.030893	5.59
	4.40	5530	5530.047428	8.58

Temperature vs. Frequency Stability (11ac (HT80) CH106)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5530	5529.979707	-3.67
	0	5530	5530.026688	4.83
	10	5530	5530.032394	5.86
	20	5530	5530.002992	0.54
	30	5530	5529.957075	-7.76
	40	5530	5530.043341	7.84
	60	5530	5530.019827	3.59

Band IV:
Voltage vs. Frequency Stability (11a CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5785	5875.022776	3.88
	3.85	5785	5875.045982	7.83
	4.40	5785	5875.023299	3.97

Temperature vs. Frequency Stability (11a CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5785	5874.985583	-2.45
	0	5785	5875.041910	7.13
	10	5785	5875.007493	1.28
	20	5785	5875.036582	6.23
	30	5785	5874.997550	-0.42
	40	5785	5875.001272	0.22
	60	5785	5875.032951	5.61

Voltage vs. Frequency Stability (11n (HT20) CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5785	5875.000066	0.01
	3.85	5785	5875.043387	7.39
	4.40	5785	5875.022179	3.78

Temperature vs. Frequency Stability (11n (HT20) CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5785	5874.991499	-1.45
	0	5785	5875.038127	6.49
	10	5785	5875.02558	4.35
	20	5785	5875.021294	3.62
	30	5785	5874.974399	-4.36
	40	5785	5875.000044	0.01
	60	5785	5875.04785	8.14

Voltage vs. Frequency Stability (11n (HT40) CH151)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5755	5755.044246	7.69
	3.85	5755	5755.008252	1.43
	4.40	5755	5755.026595	4.62

Temperature vs. Frequency Stability (11n (HT40) CH151)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5755	5754.987706	-2.14
	0	5755	5755.001389	0.24
	10	5755	5755.001221	0.21
	20	5755	5755.030747	5.34
	30	5755	5754.97926	-3.60
	40	5755	5755.016701	2.90
	60	5755	5755.013988	2.43

Voltage vs. Frequency Stability (11ac (HT20) CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5785	5785.046697	8.07
	3.85	5785	5785.018442	3.19
	4.40	5785	5785.012769	2.21

Temperature vs. Frequency Stability (11ac (HT20) CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5785	5784.998955	-0.18
	0	5785	5785.015744	2.72
	10	5785	5785.048768	8.43
	20	5785	5785.043738	7.56
	30	5785	5784.980193	-3.42
	40	5785	5785.027345	4.73
	60	5785	5785.030253	5.23

Voltage vs. Frequency Stability (11ac (HT40) CH151)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5755	5755.013822	2.40
	3.85	5755	5755.001240	0.22
	4.40	5755	5755.002187	0.38

Temperature vs. Frequency Stability (11ac (HT40) CH151)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5755	5754.997319	-0.47
	0	5755	5755.038656	6.72
	10	5755	5755.014485	2.52
	20	5755	5755.027428	4.77
	30	5755	5754.976476	-4.09
	40	5755	5755.029885	5.19
	60	5755	5755.012796	2.22

Voltage vs. Frequency Stability (11ac (HT80) CH155)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5775	5755.013619	2.37
	3.85	5775	5755.028293	4.92
	4.40	5775	5755.043865	7.62

Temperature vs. Frequency Stability (11ac (HT80) CH155)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5775	5754.952273	-8.29
	0	5775	5755.042132	7.32
	10	5775	5755.009495	1.65
	20	5775	5755.035314	6.14
	30	5775	5754.971351	-4.98
	40	5775	5755.014626	2.54
	60	5775	5755.029941	5.20

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Band I:
Voltage vs. Frequency Stability (11a CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5220	5220.015678	3.00
	3.85	5220	5220.043704	8.37
	4.40	5220	5220.046499	8.91

Temperature vs. Frequency Stability (11a CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5220	5219.955491	-8.53
	0	5220	5220.048632	9.32
	10	5220	5220.024607	4.71
	20	5220	5220.013138	2.52
	30	5220	5219.984908	-2.89
	40	5220	5220.031306	6.00
	60	5220	5220.012759	2.44

Voltage vs. Frequency Stability (11n (HT20) CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5220	5220.04053	7.76
	3.85	5220	5220.01241	2.38
	4.40	5220	5220.00452	0.87

Temperature vs. Frequency Stability (11n (HT20) CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5220	5219.966345	-6.45
	0	5220	5220.024759	4.74
	10	5220	5220.049703	9.52
	20	5220	5220.021781	4.17
	30	5220	5219.979689	-3.89
	40	5220	5220.035384	6.78
	60	5220	5220.001961	0.38

Voltage vs. Frequency Stability (11n (HT40) CH38)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5190	5190.03143	6.06
	3.85	5190	5190.02166	4.17
	4.40	5190	5190.03358	6.47

Temperature vs. Frequency Stability (11n (HT40) CH38)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5190	5189.972456	-5.31
	0	5190	5190.033288	6.41
	10	5190	5190.031499	6.07
	20	5190	5190.000924	0.18
	30	5190	5189.953728	-8.92
	40	5190	5190.034874	6.72
	60	5190	5190.015169	2.92

Voltage vs. Frequency Stability (11ac (HT20) CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5220	5220.026554	5.09
	3.85	5220	5220.045954	8.80
	4.40	5220	5220.010907	2.09

Temperature vs. Frequency Stability (11ac (HT20) CH44)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5220	5219.994121	-1.13
	0	5220	5220.021233	4.07
	10	5220	5220.009493	1.82
	20	5220	5220.020951	4.01
	30	5220	5219.959241	-7.81
	40	5220	5220.013986	2.68
	60	5220	5220.027726	5.31

Voltage vs. Frequency Stability (11n (HT40) CH38)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5190	5190.001403	0.27
	3.85	5190	5190.020145	3.88
	4.40	5190	5190.034903	6.73

Temperature vs. Frequency Stability (11n (HT40) CH38)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5190	5189.95169	-9.31
	0	5190	5190.04079	7.86
	10	5190	5190.00629	1.21
	20	5190	5190.03041	5.86
	30	5190	5189.98370	-3.14
	40	5190	5190.03921	7.55
	60	5190	5190.01103	2.13

Voltage vs. Frequency Stability (11ac (HT80) CH42)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5210	5210.003780	0.73
	3.85	5210	5210.035474	6.81
	4.40	5210	5210.044009	8.45

Temperature vs. Frequency Stability (11ac (HT80) CH42)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5210	5209.952419	-9.13
	0	5210	5210.002416	0.46
	10	5210	5210.031166	5.98
	20	5210	5210.039205	7.52
	30	5210	5209.956264	-8.39
	40	5210	5210.041421	7.95
	60	5210	5210.024208	4.65

Band II:
Voltage vs. Frequency Stability (11a CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5280	5280.018938	3.59
	3.85	5280	5280.000848	0.16
	4.40	5280	5280.036921	6.99

Temperature vs. Frequency Stability (11a CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5280	5279.973066	-5.10
	0	5280	5280.004361	0.83
	10	5280	5280.022958	4.35
	20	5280	5280.044844	8.49
	30	5280	5279.955292	-8.47
	40	5280	5280.039432	7.47
	60	5280	5280.032108	6.08

Voltage vs. Frequency Stability (11n (HT20) CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5280	5280.032041	6.07
	3.85	5280	5280.010771	2.04
	4.40	5280	5280.038310	7.26

Temperature vs. Frequency Stability (11n (HT20) CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5280	5279.95159	-9.17
	0	5280	5280.04945	9.37
	10	5280	5280.03206	6.07
	20	5280	5280.04484	8.49
	30	5280	5279.98036	-3.72
	40	5280	5280.04899	9.28
	60	5280	5280.04655	8.82

Voltage vs. Frequency Stability (11n (HT40) CH54)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5270	5270.045759	8.68
	3.85	5270	5270.013317	2.53
	4.40	5270	5270.049072	9.31

Temperature vs. Frequency Stability (11n (HT40) CH54)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5270	5269.967803	-6.11
	0	5270	5270.007660	1.46
	10	5270	5270.025670	4.87
	20	5270	5270.010909	2.07
	30	5270	5269.955402	-8.46
	40	5270	5270.047375	8.99
	60	5270	5270.027932	5.30

Voltage vs. Frequency Stability (11ac (HT20) CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5280	5280.019427	3.68
	3.85	5280	5280.024458	4.63
	4.40	5280	5280.007081	1.34

Temperature vs. Frequency Stability (11ac (HT20) CH60)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5280	5279.951449	-9.20
	0	5280	5280.046799	8.86
	10	5280	5280.035814	6.78
	20	5280	5280.007594	1.44
	30	5280	5279.997073	-0.55
	40	5280	5280.008949	1.69
	60	5280	5280.037421	7.09

Voltage vs. Frequency Stability (11ac (HT40) CH54)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5270	5270.002863	0.54
	3.85	5270	5270.012259	2.33
	4.40	5270	5270.011684	2.22

Temperature vs. Frequency Stability (11ac (HT40) CH54)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5270	5269.991210	-1.67
	0	5270	5270.033987	6.45
	10	5270	5270.044763	8.49
	20	5270	5270.005855	1.11
	30	5270	5269.984428	-2.95
	40	5270	5270.037166	7.05
	60	5270	5270.019916	3.78

Voltage vs. Frequency Stability (11ac (HT80) CH58)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5290	5290.028582	5.40
	3.85	5290	5290.020344	3.85
	4.40	5290	5290.025900	4.90

Temperature vs. Frequency Stability (11n (HT80) CH58)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5290	5289.991441	-1.62
	0	5290	5290.034751	6.57
	10	5290	5290.031268	5.91
	20	5290	5290.029724	5.62
	30	5290	5289.973653	-4.98
	40	5290	5290.010347	1.96
	60	5290	5290.006706	1.27

Band III:
Voltage vs. Frequency Stability (11a CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5580	5580.042351	7.59
	3.85	5580	5580.019968	3.58
	4.40	5580	5580.044587	7.99

Temperature vs. Frequency Stability (11a CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5580	5579.985468	-2.60
	0	5580	5580.023648	4.24
	10	5580	5580.025195	4.52
	20	5580	5580.048461	8.68
	30	5580	5579.991560	-1.51
	40	5580	5580.017559	3.15
	60	5580	5580.040587	7.27

Voltage vs. Frequency Stability (11n (HT20) CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5580	5580.031579	5.66
	3.85	5580	5580.013023	2.33
	4.40	5580	5580.036200	6.49

Temperature vs. Frequency Stability (11n (HT20) CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5580	5579.980060	-3.57
	0	5580	5580.045802	8.21
	10	5580	5580.012409	2.22
	20	5580	5580.032839	5.89
	30	5580	5579.959127	-7.32
	40	5580	5580.001154	0.21
	60	5580	5580.019603	3.51

Voltage vs. Frequency Stability (11n (HT40) CH102)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5510	5510.030207	5.48
	3.85	5510	5510.023988	4.35
	4.40	5510	5510.048179	8.74

Temperature vs. Frequency Stability (11n (HT40) CH102)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5510	5509.978299	-3.94
	0	5510	5510.036643	6.65
	10	5510	5510.008671	1.57
	20	5510	5510.020515	3.72
	30	5510	5509.962149	-6.87
	40	5510	5510.014066	2.55
	60	5510	5510.011417	2.07

Voltage vs. Frequency Stability (11ac (HT20) CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5580	5580.019517	3.50
	3.85	5580	5580.002896	0.52
	4.40	5580	5580.044768	8.02

Temperature vs. Frequency Stability (11ac (HT20) CH116)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5580	5579.985547	-2.59
	0	5580	5580.022056	3.95
	10	5580	5580.004613	0.83
	20	5580	5580.027009	4.84
	30	5580	5579.973520	-4.75
	40	5580	5580.048849	8.75
	60	5580	5580.029393	5.27

Voltage vs. Frequency Stability (11ac (HT40) CH102)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5510	5510.027656	5.02
	3.85	5510	5510.009804	1.78
	4.40	5510	5510.005588	1.01

Temperature vs. Frequency Stability (11ac (HT40) CH102)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5510	5509.956095	-7.97
	0	5510	5510.049548	8.99
	10	5510	5510.028444	5.16
	20	5510	5510.000473	0.09
	30	5510	5509.963601	-6.61
	40	5510	5510.045773	8.31
	60	5510	5510.014981	2.72

Voltage vs. Frequency Stability (11ac (HT80) CH106)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5530	5530.012713	2.30
	3.85	5530	5530.029638	5.36
	4.40	5530	5530.015163	2.74

Temperature vs. Frequency Stability (11ac (HT80) CH106)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5530	5529.951738	-8.73
	0	5530	5530.010203	1.85
	10	5530	5530.007008	1.27
	20	5530	5530.045853	8.29
	30	5530	5529.972099	-5.05
	40	5530	5530.028018	5.07
	60	5530	5530.020363	3.68

Band IV:
Voltage vs. Frequency Stability (11a CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5785	5785.005452	0.94
	3.85	5785	5785.016107	2.78
	4.40	5785	5785.034156	5.90

Temperature vs. Frequency Stability (11a CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5785	5784.990378	-1.66
	0	5785	5785.026902	4.65
	10	5785	5785.030375	5.25
	20	5785	5785.020900	3.61
	30	5785	5784.998913	-0.19
	40	5785	5785.030271	5.23
	60	5785	5785.043817	7.57

Voltage vs. Frequency Stability (11n (HT20) CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5785	5785.001509	0.26
	3.85	5785	5785.037159	6.42
	4.40	5785	5785.010318	1.78

Temperature vs. Frequency Stability (11n (HT20) CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5785	5784.952680	-8.18
	0	5785	5785.026860	4.64
	10	5785	5785.024170	4.18
	20	5785	5785.048452	8.38
	30	5785	5784.980746	-3.33
	40	5785	5785.033491	5.79
	60	5785	5785.024276	4.20

Voltage vs. Frequency Stability (11n (HT40) CH151)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5755	5755.027802	4.83
	3.85	5755	5755.035760	6.21
	4.40	5755	5755.027682	4.81

Temperature vs. Frequency Stability (11n (HT40) CH151)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5755	5754.972984	-4.69
	0	5755	5755.046070	8.01
	10	5755	5755.033745	5.86
	20	5755	5755.009005	1.56
	30	5755	5754.986704	-2.31
	40	5755	5755.023633	4.11
	60	5755	5755.020826	3.62

Voltage vs. Frequency Stability (11ac (HT20) CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5785	5785.021702	3.75
	3.85	5785	5785.010729	1.85
	4.40	5785	5785.029909	5.17

Temperature vs. Frequency Stability (11ac (HT20) CH157)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5785	5784.972397	-4.77
	0	5785	5785.043801	7.57
	10	5785	5785.047573	8.22
	20	5785	5785.026281	4.54
	30	5785	5784.977364	-3.91
	40	5785	5785.031079	5.37
	60	5785	5785.030465	5.27

Voltage vs. Frequency Stability (11ac (HT40) CH151)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5755	5755.038586	6.70
	3.85	5755	5755.000783	0.14
	4.40	5755	5755.041510	7.21

Temperature vs. Frequency Stability (11ac (HT40) CH151)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5755	5754.963158	-6.40
	0	5755	5755.034787	6.04
	10	5755	5755.047768	8.30
	20	5755	5755.027239	4.73
	30	5755	5754.960389	-6.88
	40	5755	5755.002307	0.40
	60	5755	5755.000642	0.11

Voltage vs. Frequency Stability (11ac (HT80) CH155)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Temperature (°C)	Voltage (VDC)			
20	3.30	5775	5775.017073	2.96
	3.85	5775	5775.012697	2.20
	4.40	5775	5775.036504	6.32

Temperature vs. Frequency Stability (11ac (HT80) CH155)

Test Conditions		Test Frequency (MHz)	Measurement Frequency (MHz)	Max. Deviation (ppm)
Voltage (VDC)	Temperature (°C)			
3.85	-20	5775	5774.981264	-3.24
	0	5775	5775.023527	4.07
	10	5775	5775.029595	5.12
	20	5775	5775.017977	3.11
	30	5775	5774.994501	-0.95
	40	5775	5775.023824	4.13
	60	5775	5775.037926	6.57

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ1680175-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL- SZ1680175-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL- SZ1680175-AI.PDF".

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