Shenzhen Huatongwei International Inspection Co., Ltd.

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TEST REPORT

CHTEW19070046 Report No.::

Report Verification:

Project No.....: SHT1906080901EW

FCC ID.....:: 2ABQ6-K10

Applicant's name.....: Inspira Technologies LLC

1901 4th Ave, Suite 210, San Diego, CA 92101, USA Address....:

Manufacturer....: Inspira Technologies LLC

Address....: 1901 4th Ave, Suite 210, San Diego, CA 92101, USA

Test item description:: **Tablet**

Trade Mark:

Model/Type reference.....: K10

Listed Model(s)

FCC CFR Title 47 Part 15 Subpart C Section 15.247 Standard::

Date of receipt of test sample.....: Jun.27, 2019

Date of testing..... Jun.27, 2019- Jul.12, 2019

Date of issue....: Jul.15, 2019

Result.....: **PASS**

Compiled by

(Position+Printed name+Signature): File administrators Fanghui Zhu

Supervised by

(Position+Printed name+Signature): Project Engineer Tom Ouyang fang Miri Thu 70m ouyang

Approved by

(Position+Printed name+Signature): RF Manager Hans Hu

Shenzhen Huatongwei International Inspection Co., Ltd. Testing Laboratory Name::

Address....: 1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road,

Tianliao, Gongming, Shenzhen, China

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The test report merely correspond to the test sample.

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1. TEST STANDARDS AND REPORT VERSION

1.1. Test Standards

The tests were performed according to following standards:

<u>FCC Rules Part 15.247:</u> Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.

ANSI C63.10:2013: American National Standard for Testing Unlicensed Wireless Devices

KDB 558074 D01 15.247 Meas Guidance v05: Guidance for Compliance Measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices Operating under Section 15.247 of The FCC Rules

1.2. Report version

Revision No.	Date of issue	Description
N/A	2019-07-15 Original	

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2. TEST DESCRIPTION

Test Item	FCC Rule	Result	Test Engineer
Antenna requirement	15.203/15.247(c)	PASS	Jiongsheng Feng
Line Conducted Emissions (AC Main)	15.207	PASS	Kang Yang
Conducted Peak Output Power	15.247(b)(3)	PASS	Bruce Wong
Power Spectral Density	15.247(e)	PASS	Bruce Wong
6dB Bandwidth	15.247(a)(2)	PASS	Bruce Wong
Restricted band	15.247(d)/15.205	PASS	Bruce Wong
Spurious Emissions	15.247(d)/15.209	PASS	Bruce Wong

Note: The measurement uncertainty is not included in the test result.

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3. **SUMMARY**

3.1. Client Information

Applicant:	Inspira Technologies LLC	
Address: 1901 4th Ave, Suite 210, San Diego, CA 92101, USA		
Manufacturer:	Inspira Technologies LLC	
Address:	1901 4th Ave, Suite 210, San Diego, CA 92101, USA	

3.2. Product Description

3.2. I Toduct Description				
Name of EUT:	Tablet			
Trade Mark:	-			
Model No.:	K10			
Listed Model(s):	-			
Power supply:	DC 3.7V from battery			
Adapter information:	Model: K-T100502000U Input: 100-240Va.c., 50-60Hz, 0.35A Max Output: 5Vd.c., 2000mA			
Hardware version:	android 9.0			
Software version: EM_T6318_V2.0				
WIFI				
Supported type:	802.11b/802.11g/802.11n(HT20)/802.11n(HT40)			
Modulation:	DSSS for 802.11b OFDM for 802.11g/802.11n(HT20)/802.11n(HT40)			
Operation frequency:	2412MHz~2462MHz for 802.11b/802.11g/802.11n(HT20) 2422MHz~2452MHz for 802.11n(HT40)			
Channel number:	11 for 802.11b/802.11g/802.11n(HT20) 7 for 802.11n(HT40)			
Channel separation:	5MHz			
Antenna type:	FPCB			
Antenna gain:	≥0dBi±0.5 dBi			

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3.3. Operation state

> Test frequency list

According to section 15.31(m), regards to the operating frequency range over 10 MHz, must select three channel which were tested. the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, please see the above gray bottom.

802.11b/g/n(HT20)		802.11n(HT40)		
Channel	Frequency (MHz)	Channel	Frequency (MHz)	
01	2412	01	-	
02	2417	02	-	
03	2422	03	2422	
04	2427	04	2427	
05	2432	05	2432	
06	2437	06	2437	
07	2442	07	2442	
08	2447	08	2447	
09	2452	09	2452	
10	2457	10	-	
11	2462	11	-	

> Test mode

For RF test items

The engineering test program was provided and enabled to make EUT continuous transmit (duty cycle>98%).

For AC power line conducted emissions:

The EUT was set to connect with the WLAN AP under large package sizes transmission.

For Radiated suprious emissions test item:

The engineering test program was provided and enabled to make EUT continuous transmit(duty cycle>98%). The EUT in each of three orthogonal axis emissions had been tested ,but only the worst case (X axis) data Recorded in the report.

3.4. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

supplied by the manufacturer

supplied by the lab

	,	Manufacturer:	/
		Model No.:	/
0		Manufacturer:	/
		Model No.:	1

3.5. Modifications

No modifications were implemented to meet testing criteria.

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4. TEST ENVIRONMENT

4.1. Address of the test laboratory

Laboratory: Shenzhen Huatongwei International Inspection Co., Ltd. Address: 1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China

4.2. Test Facility

CNAS-Lab Code: L1225

Shenzhen Huatongwei International Inspection Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No.: 3902.01

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 762235

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files.

IC-Registration No.:5377A

Two 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No.: 5377A.

ACA

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our A2LA accreditation.

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4.3. Environmental conditions

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

Temperature:	15~35°C
Relative Humidity:	30~60 %
Air Pressure:	950~1050mba

4.4. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors in calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report according to TR-100028-01 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 2" and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd. quality system according to ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Here after the best measurement capability for Shenzhen Huatongwei International Inspection Co., Ltd. is reported:

Test Items	Measurement Uncertainty	Notes
Transmitter power conducted	0.51 dB	(1)
Conducted spurious emissions 9kHz~40GHz	0.51 dB	(1)
Conducted Disturbance 150kHz~30MHz	3.02 dB	(1)
Radiated Emissions below 1GHz	4.90 dB	(1)
Radiated Emissions above 1GHz	4.96 dB	(1)
Occupied Bandwidth	70 Hz	(1)

⁽¹⁾ This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

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4.5. Equipments Used during the Test

•	Conducted Emission					
Used	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Shielded Room	Albatross projects	N/A	N/A	2018/09/28	2023/09/27
•	EMI Test Receiver	R&S	ESCI	101247	2018/10/27	2019/10/26
•	Artificial Mains	SCHWARZBECK	NNLK 8121	573	2018/10/27	2019/10/26
•	Pulse Limiter	R&S	ESH3-Z2	100499	2018/10/27	2019/10/26
•	RF Connection Cable	HUBER+SUHNER	EF400	N/A	2018/11/15	2019/11/14
•	Test Software	R&S	ES-K1	N/A	N/A	N/A
0	Single Balanced Telecom Pair ISN	FCC	FCC-TLISN-T2-02	20371	2018/10/28	2019/10/27
0	Two Balanced Telecom Pairs ISN	FCC	FCC-TLISN-T4-02	20373	2018/10/28	2019/10/27
0	Four Balanced Telecom Pairs ISN	FCC	FCC-TLISN-T8-02	20375	2018/10/28	2019/10/27
0	V-Network	R&S	ESH3-Z6	100211	2018/10/27	2019/10/26
0	V-Network	R&S	ESH3-Z6	100210	2018/10/27	2019/10/26
0	2-Line V-Network	R&S	ESH3-Z5	100049	2018/10/27	2019/10/26

•	Radiated Emission-6th test site					
Used	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	SAC-3m-02	N/A	2018/09/30	2021/09/29
•	EMI Test Receiver	R&S	ESCI	100900	2018/10/28	2019/10/27
•	Loop Antenna	R&S	HFH2-Z2	100020	2017/11/20	2020/11/19
•	Ultra-Broadband Antenna	SCHWARZBECK	VULB9163	546	2017/04/05	2020/04/04
•	Pre-Amplifer	SCHWARZBECK	BBV 9742	N/A	2018/11/15	2019/11/14
•	RF Connection Cable	HUBER+SUHNER	N/A	N/A	2018/09/28	2019/09/27
•	RF Connection Cable	HUBER+SUHNER	SUCOFLEX104	501184/4	2018/09/28	2019/09/27
•	Test Software	R&S	ES-K1	N/A	N/A	N/A
•	Turntable	Maturo Germany	TT2.0-1T	N/A	N/A	N/A
•	Antenna Mast	Maturo Germany	CAM-4.0-P-12	N/A	N/A	N/A

•	Radiated emission-7th test site					
Used	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	SAC-3m-01	N/A	2018/09/30	2021/09/29
•	Spectrum Analyzer	R&S	FSP40	100597	2018/10/27	2019/10/26
•	Horn Antenna	SCHWARZBECK	9120D	1011	2017/03/27	2020/03/26
•	Pre-amplifier	BONN	BLWA0160-2M	1811887	2018/11/14	2019/11/13
•	Pre-amplifier	CD	PAP-0102	12004	2018/11/14	2019/11/13
•	Broadband Pre- amplifier	SCHWARZBECK	BBV 9718	9718-248	2019/04/26	2020/04/25
•	RF Connection Cable	HUBER+SUHNER	RE-7-FH	N/A	2018/11/15	2019/11/14
•	RF Connection Cable	HUBER+SUHNER	RE-7-FL	N/A	2018/11/15	2019/11/14
•	Test Software	Audix	E3	N/A	N/A	N/A

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•	Turntable	Maturo Germany	TT2.0-1T	N/A	N/A	N/A
•	Antenna Mast	Maturo Germany	CAM-4.0-P-12	N/A	N/A	N/A

•	RF Conducted M	lethod				
Used	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Signal and spectrum Analyzer	R&S	FSV40	100048	2018/10/28	2019/10/27
•	Spectrum Analyzer	Agilent	N9020A	MY50510187	2018/09/29	2019/09/28
•	OSP	R&S	OSP120	101317	N/A	N/A
0	Radio communication tester	R&S	CMW500	137688-Lv	2018/09/29	2019/09/28
0	Test software	Tonscend	JS1120-1(LTE)	N/A	N/A	N/A
0	Test software	Tonscend	JS1120-2(WIFI)	N/A	N/A	N/A
0	Test software	Tonscend	JS1120-3(WCDMA)	N/A	N/A	N/A
0	Test software	Tonscend	JS1120-4(GSM)	N/A	N/A	N/A

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5. TEST CONDITIONS AND RESULTS

5.1. Antenna requirement

REQUIREMENT:

FCC CFR Title 47 Part 15 Subpart C Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of anantenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

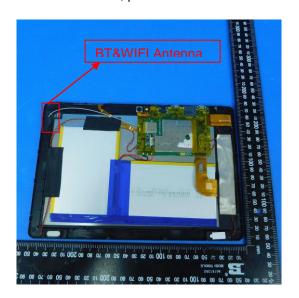
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(i) Systems operating in the 2400~2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

TEST RESULTS

oxtimes Passed	☐ Not Applicable
----------------	------------------

The directional gain of the antenna less than 6 dBi, please refer to the below antenna photo.



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5.2. Conducted Emissions (AC Main)

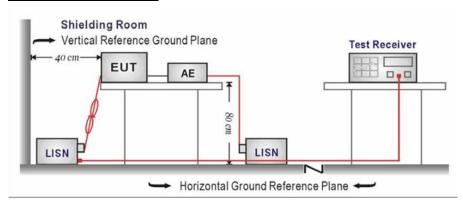
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.207:

Fraguenov rango (MHz)	Limit (dBuV)				
Frequency range (MHz)	Quasi-peak	Average			
0.15-0.5	66 to 56*	56 to 46*			
0.5-5	56	46			
5-30	60	50			

^{*} Decreases with the logarithm of the frequency.

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was setup according to ANSI C63.10:2013 requirements.
- 2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
- 3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment.
- 4. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
- 6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- 7. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 8. During the above scans, the emissions were maximized by cable manipulation.

TEST MODE:

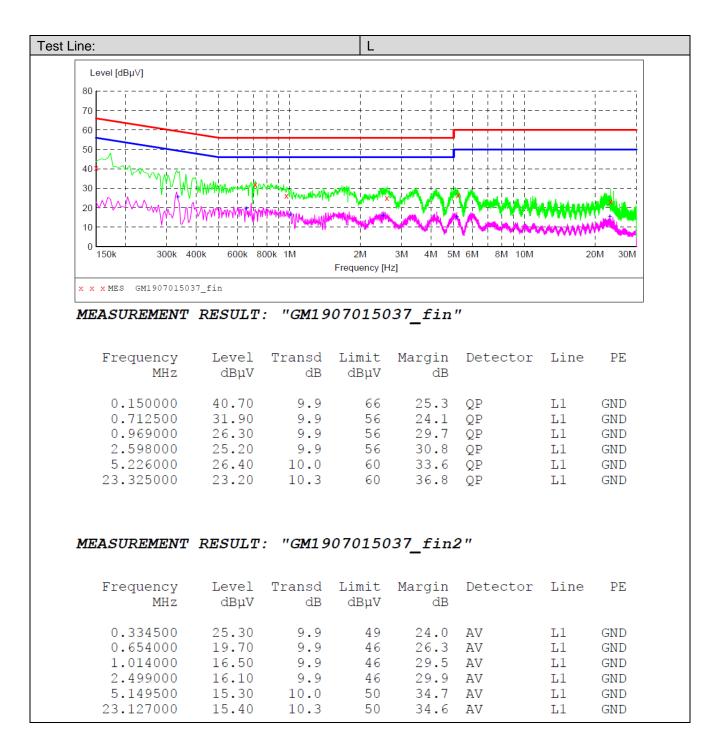
Please refer to the clause 3.3

TEST RESULTS

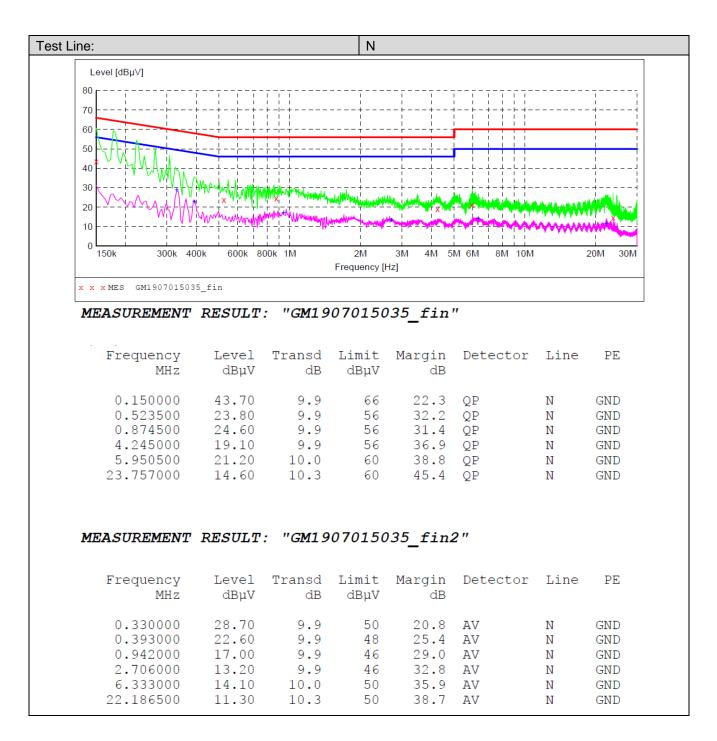
Note:

- 1) Transd=Cable lose+ Pulse Limiter Factor + Artificial Mains Factor
- 2) Margin= Limit -Level

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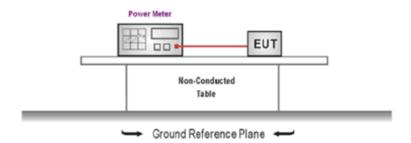
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5.3. Conducted Peak Output Power

<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3): 30dBm

TEST CONFIGURATION



TEST PROCEDURE

- The EUT was tested according to ANSI C63.10: 2013 and KDB 558074 D01 for compliance to FCC 47 CFR 15.247 requirements.
- 2. The maximum peak conducted output power may be measured using a broadband peak RF power meter.
- 3. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector
- 4. Record the measurement data.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

Туре	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
	01	17.59	15.02		
802.11b	06	16.57	14.37	≤30.00	Pass
	11	15.86	13.74		1
	01	19.99	16.58		
802.11g	06	19.58	15.62	≤30.00	Pass
	11	18.96	15.12		
	01	19.91	17.01		
802.11n(HT20)	06	19.62	17.11	≤30.00	Pass
	11	19.13	15.72		
	03	19.92	16.25		
802.11n(HT40)	06	20.14	14.98	≤30.00	Pass
	09	19.14	16.01		

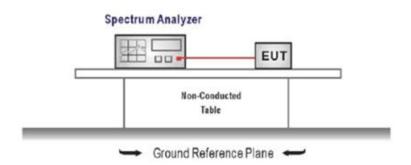
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5.4. Power Spectral Density

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (e):For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input,
- 2. Configure the spectrum analyzer as shown below:

Center frequency=DTS channel center frequency

Span =1.5 times the DTS bandwidth

RBW = 3 kHz ≤ RBW ≤ 100 kHz, VBW ≥ 3 × RBW

Sweep time = auto couple

Detector = peak

Trace mode = max hold

- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter wave form on the spectrum analyzer.
- 4. Use the peak marker function to determine the maximum amplitude level within the RBW.
- 5. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST MODE:

Please refer to the clause 3.3

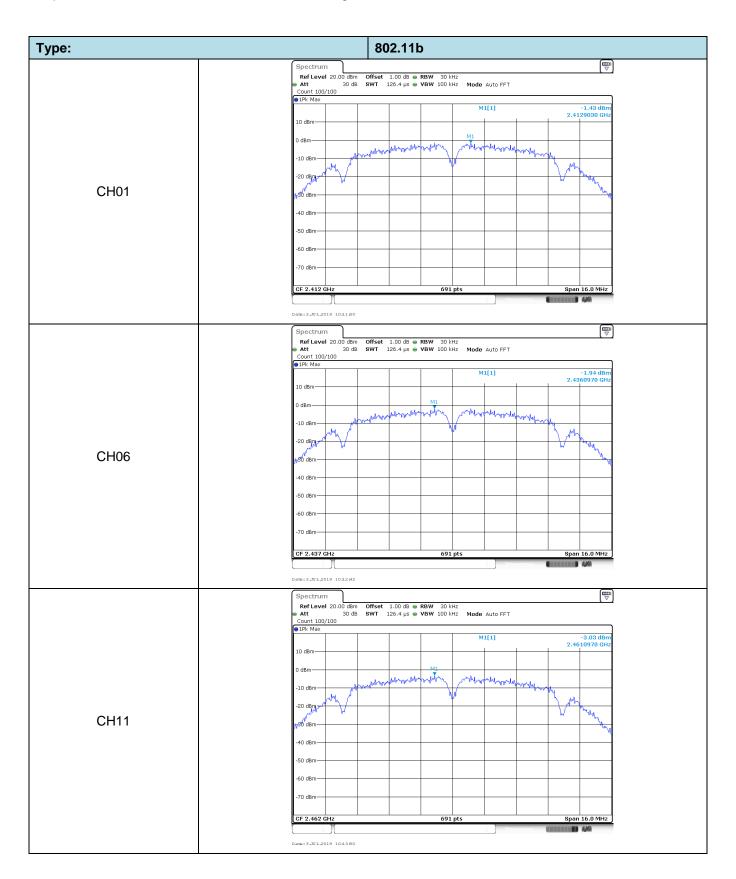
TEST RESULTS

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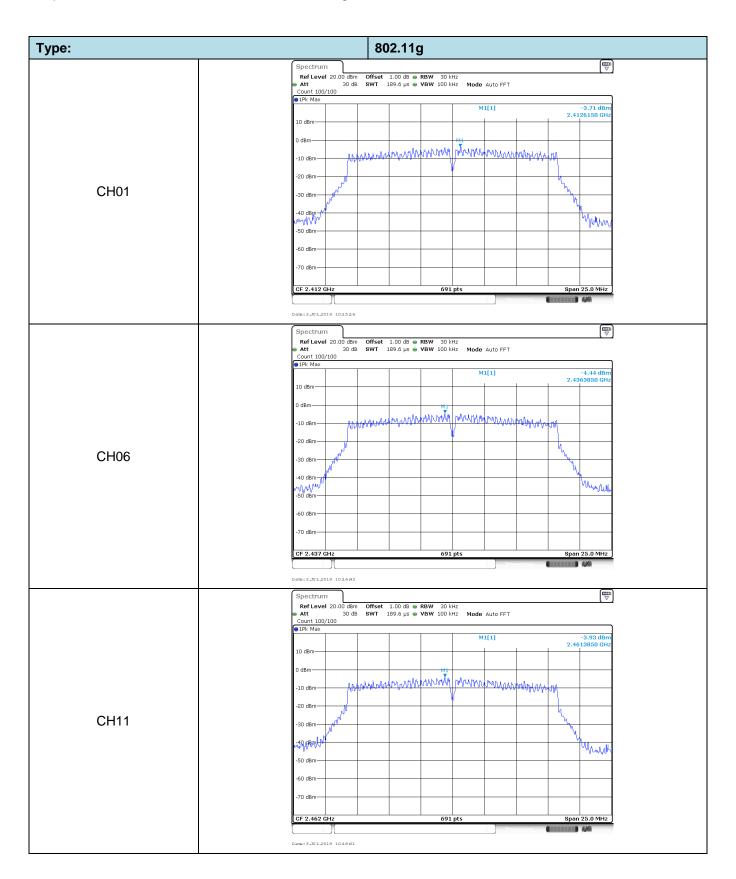
Туре	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result	
	01	-1.43			
802.11b	06	-1.94	≤8.00	Pass	
	11	-3.03			
	01	-3.71			
802.11g	06	-4.44	≤8.00	Pass	
	11	-3.93			
	01	-3.30			
802.11n(HT20)	06	-2.12	≤8.00	Pass	
	11	-4.49			
	03	-7.20			
802.11n(HT40)	06	-7.50	≤8.00	Pass	
	09	-7.66			

Test plot as follows:

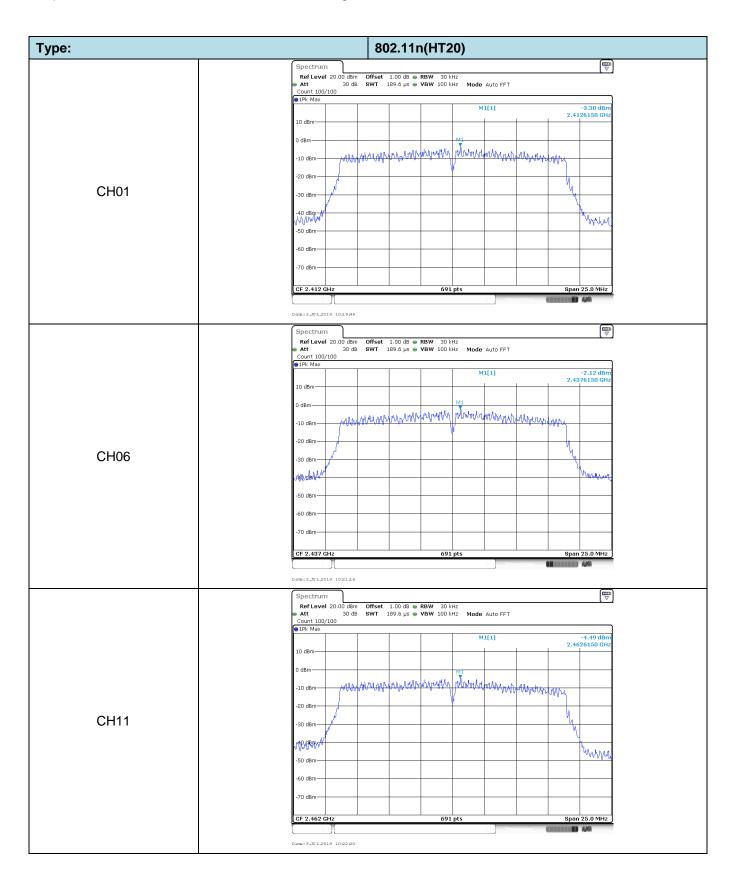
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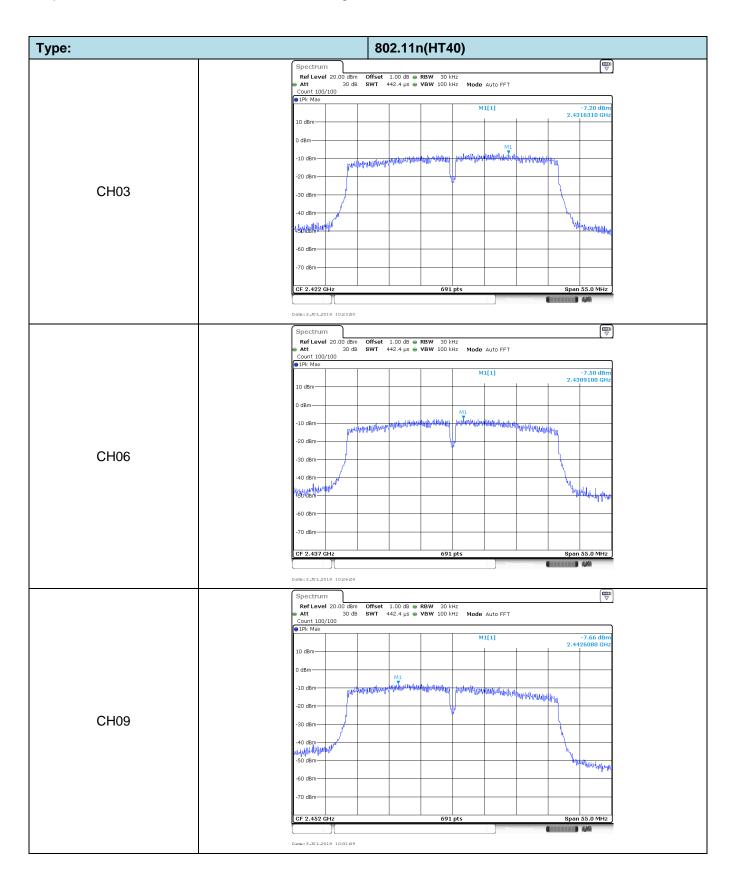
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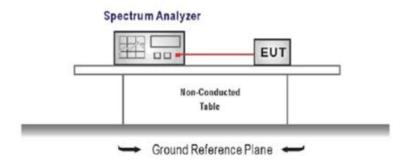
5.5. 6dB bandwidth

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2):

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 2. Configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).

Center Frequency = DTS channel center frequency

Span=2 x DTS bandwidth

RBW = 100 kHz, VBW ≥ 3 × RBW

Sweep time= auto couple

Detector = Peak

Trace mode = max hold

- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter wave form on the spectrum analyzer.
- 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, and record the pertinent measurements.

TEST MODE:

Please refer to the clause 3.3

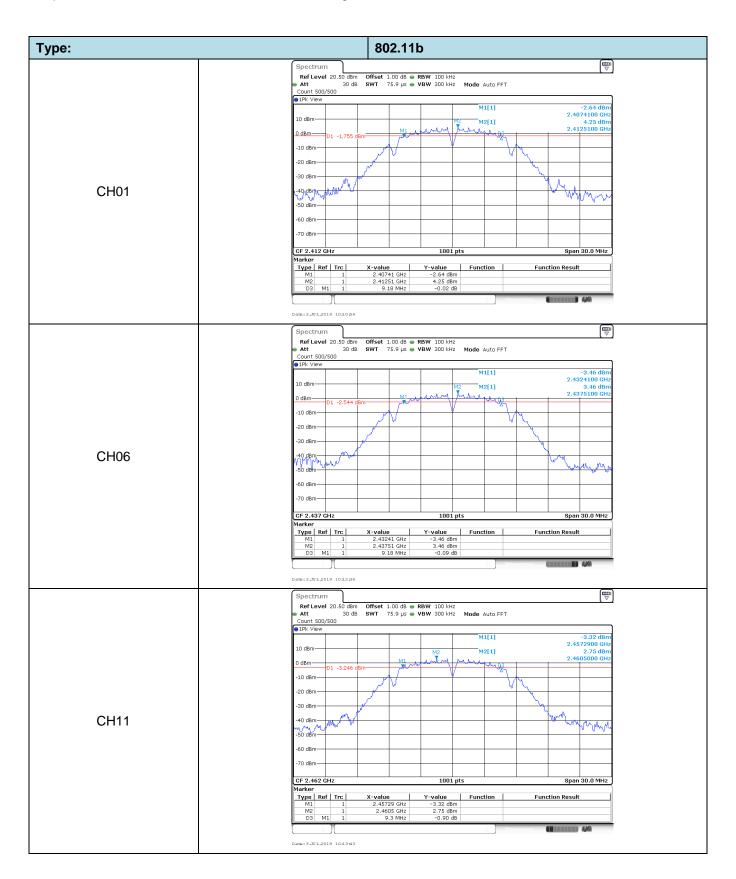
TEST RESULTS

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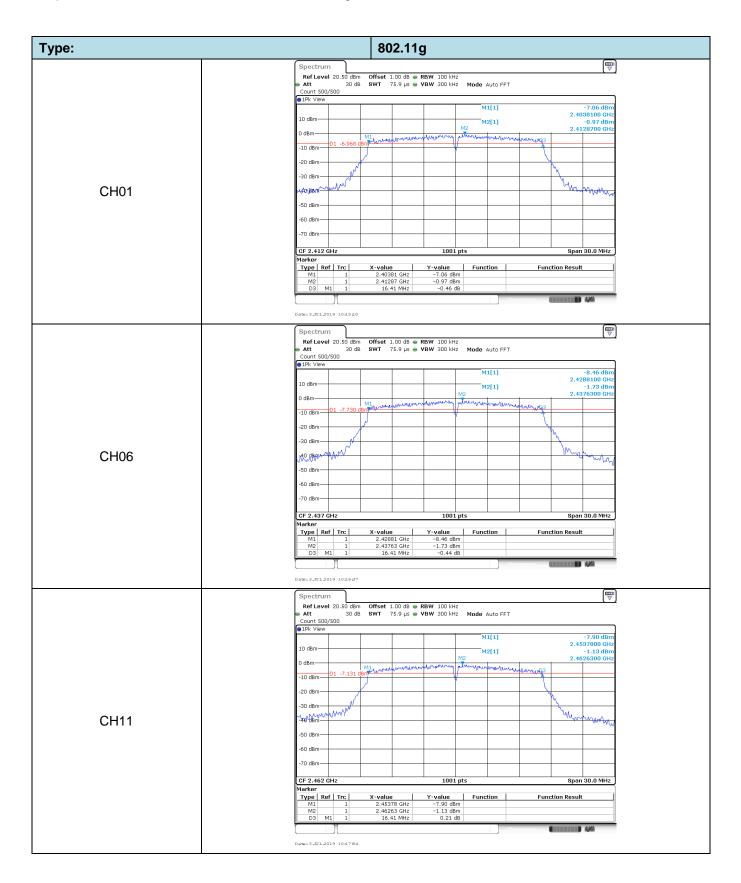
Туре	Channel	6dB Bandwidth (MHz)	Limit (kHz)	Result	
	01	9.18			
802.11b	06	9.18	≥500	Pass	
	11	9.30			
	01	16.41		Pass	
802.11g	06	16.41	≥500		
	11	16.41			
	01	17.64			
802.11n(HT20)	06	17.64	≥500	Pass	
	11	17.37			
	03	36.12			
802.11n(HT40)	06	35.40	≥500	Pass	
	09	35.58			

Test plot as follows:

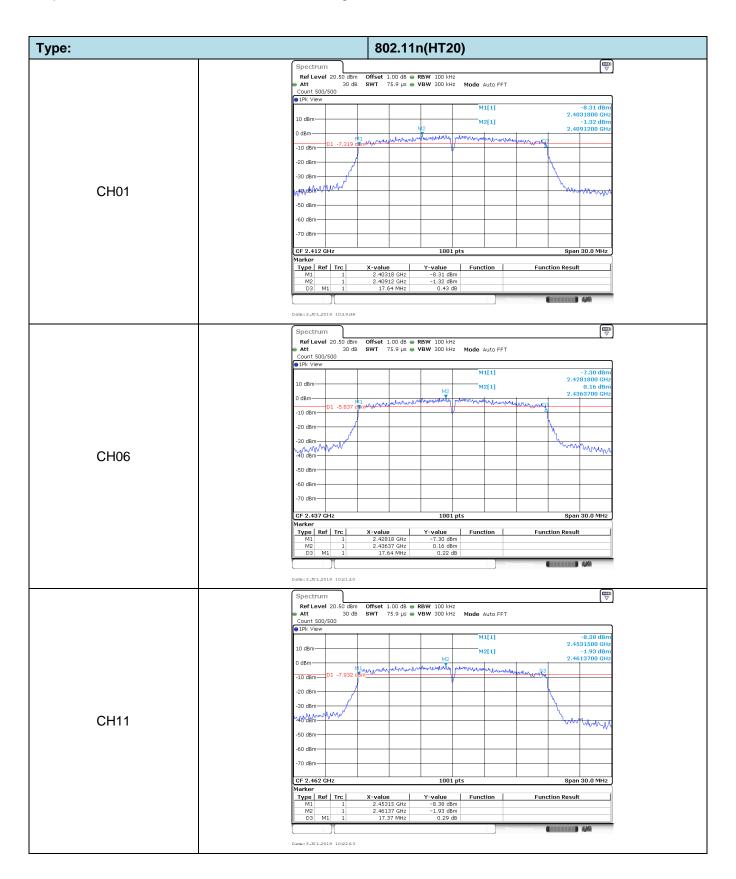
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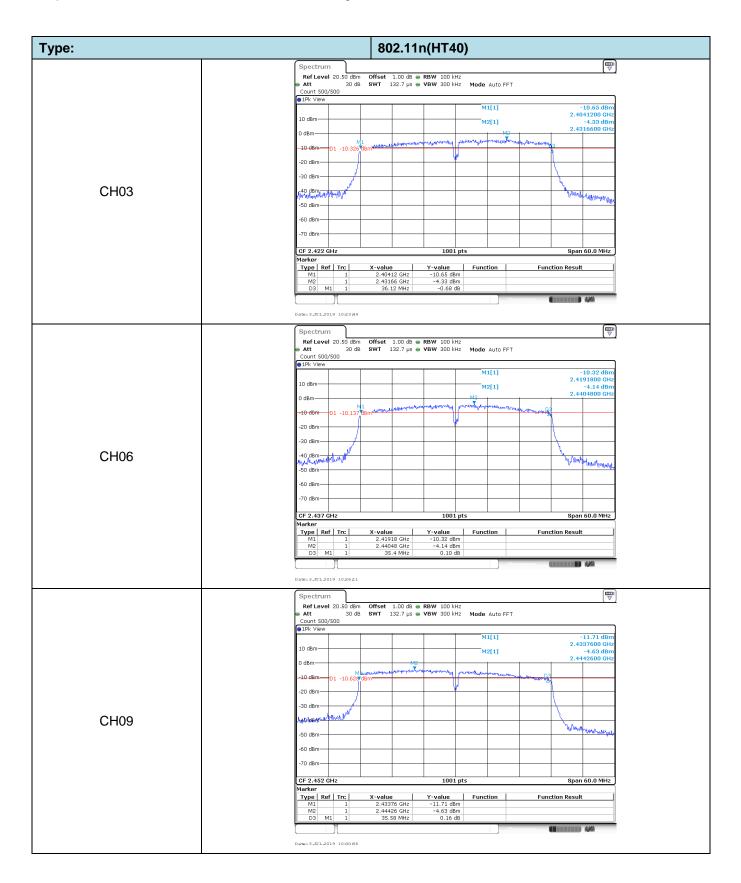
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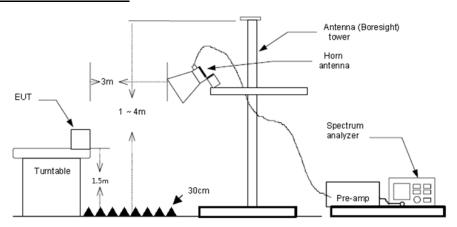
5.6. Restricted band

<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, Radiated Emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the Radiated Emissions limits specified in §15.209(a) (see §15.205(c)).

TEST CONFIGURATION



TEST PROCEDURE

- The EUT was setup and tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
- 2) The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3) The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 4) The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. Thisis repeated for both horizontal and vertical polarization of the antenna. In order to find themaximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
- 5) The receiver set as follow: RBW=1MHz, VBW=3MHz PEAK detector for Peak value. RBW=1MHz, VBW=3MHz RMS detector for Average value.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

Note:

1) Final level= Read level + Antenna Factor+ Cable Loss- Preamp Factor

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802.11b				CH01	CH01			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
2310.000	14.86	35.82	50.68	74.00	23.32	Horizontal	PK	
2310.000	12.67	35.82	48.49	54.00	5.51	Horizontal	AV	
2390.002	14.18	35.50	49.68	54.00	4.32	Horizontal	AV	
2390.002	14.87	35.50	50.37	74.00	23.63	Horizontal	PK	
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
2310.000	15.76	35.82	51.58	74.00	22.42	Vertical	PK	
2310.000	13.88	35.82	49.70	54.00	4.30	Vertical	AV	
2390.002	15.16	35.50	50.66	54.00	3.34	Vertical	AV	
2390.002	16.36	35.50	51.86	74.00	22.14	Vertical	PK	

802.11b				CH11			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2483.504	15.65	35.31	50.96	74.00	23.04	Horizontal	PK
2483.504	15.20	35.31	50.51	54.00	3.49	Horizontal	AV
2500.000	16.34	35.28	51.62	74.00	22.38	Horizontal	PK
2500.000	14.99	35.28	50.27	54.00	3.73	Horizontal	AV
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2483.504	14.68	35.31	49.99	54.00	4.01	Vertical	AV
2483.504	16.20	35.31	51.51	74.00	22.49	Vertical	PK
2500.000	16.13	35.28	51.41	74.00	22.59	Vertical	PK
2500.000	15.03	35.28	50.31	54.00	3.69	Vertical	AV

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302.11g				CH01	CH01			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
2310.000	15.38	35.82	51.20	74.00	22.80	Vertical	PK	
2310.000	14.62	35.82	50.44	54.00	3.56	Vertical	AV	
2390.002	13.44	35.50	48.94	54.00	5.06	Vertical	AV	
2390.002	14.70	35.50	50.20	74.00	23.80	Vertical	PK	
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
2310.000	15.60	35.82	51.42	74.00	22.58	Horizontal	PK	
2310.000	14.78	35.82	50.60	54.00	3.40	Horizontal	AV	
2390.002	13.34	35.50	48.84	54.00	5.16	Horizontal	AV	
2390.002	13.67	35.50	49.17	74.00	24.83	Horizontal	PK	

802.11g				CH11			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2483.504	12.97	35.31	48.28	74.00	25.72	Vertical	PK
2483.504	11.45	35.31	46.76	54.00	7.24	Vertical	AV
2500.000	13.16	35.28	48.44	54.00	5.56	Vertical	AV
2500.000	14.11	35.28	49.39	74.00	24.61	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2483.504	14.24	35.31	49.55	54.00	4.45	Horizontal	AV
2483.504	17.48	35.31	52.79	74.00	21.21	Horizontal	PK
2500.000	15.63	35.28	50.91	74.00	23.09	Horizontal	PK
2500.000	12.20	35.28	47.48	54.00	6.52	Horizontal	AV

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802.11n(HT	20)			CH01			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2310.000	14.55	35.82	50.37	74.00	23.63	Vertical	PK
2310.000	12.66	35.82	48.48	54.00	5.52	Vertical	AV
2390.002	14.67	35.50	50.17	54.00	3.83	Vertical	AV
2390.002	16.04	35.50	51.54	74.00	22.46	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2310.000	12.79	35.82	48.61	54.00	5.39	Horizontal	AV
2310.000	14.11	35.82	49.93	74.00	24.07	Horizontal	PK
2390.002	11.81	35.50	47.31	54.00	6.69	Horizontal	AV
2390.002	12.08	35.50	47.58	74.00	26.42	Horizontal	PK

802.11n(HT20)				CH11			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2483.504	14.75	35.31	50.06	54.00	3.94	Vertical	AV
2483.504	15.24	35.31	50.55	74.00	23.45	Vertical	PK
2500.000	14.65	35.28	49.93	74.00	24.07	Vertical	PK
2500.000	13.30	35.28	48.58	54.00	5.42	Vertical	AV
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2483.504	15.70	35.31	51.01	74.00	22.99	Horizontal	PK
2483.504	12.42	35.31	47.73	54.00	6.27	Horizontal	AV
2500.000	14.90	35.28	50.18	54.00	3.82	Horizontal	AV
2500.000	16.27	35.28	51.55	74.00	22.45	Horizontal	PK

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802.11n(HT40)				CH03			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2310.000	14.03	35.82	49.85	74.00	24.15	Vertical	PK
2310.000	12.76	35.82	48.58	54.00	5.42	Vertical	AV
2390.011	13.76	35.50	49.26	54.00	4.74	Vertical	AV
2390.011	14.36	35.50	49.86	74.00	24.14	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2310.000	13.81	35.82	49.63	74.00	24.37	Horizontal	PK
2310.000	12.00	35.82	47.82	54.00	6.18	Horizontal	AV
2390.011	12.59	35.50	48.09	54.00	5.91	Horizontal	AV
2390.011	13.84	35.50	49.34	74.00	24.66	Horizontal	PK

802.11n(HT40)				CH09			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2483.503	16.45	35.31	51.76	74.00	22.24	Vertical	PK
2483.530	12.36	35.31	47.67	54.00	6.33	Vertical	AV
2500.000	13.44	35.28	48.72	54.00	5.28	Vertical	AV
2500.000	15.69	35.28	50.97	74.00	23.03	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
2483.503	14.00	35.31	49.31	54.00	4.69	Horizontal	AV
2483.503	15.96	35.31	51.27	74.00	22.73	Horizontal	PK
2500.000	14.73	35.28	50.01	74.00	23.99	Horizontal	PK
2500.000	13.31	35.28	48.59	54.00	5.41	Horizontal	AV

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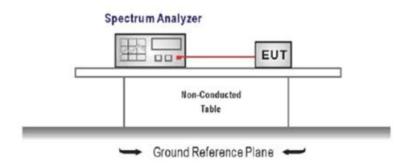
5.7. Band edge and Spurious Emissions (conducted)

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 2. Establish a reference level by using the following procedure Center frequency=DTS channel center frequency

The span = 1.5 times the DTS bandwidth.

RBW = 100 kHz, VBW \geq 3 x RBW

Detector = peak, Sweep time = auto couple, Trace mode = max hold

Allow trace to fully stabilize

Use the peak marker function to determine the maximum PSD level

Note: the channel found to contain the maximum PSD level can be used to establish the reference level.

3. Emission level measurement

Set the center frequency and span to encompass frequency range to be measured

RBW = 100 kHz, VBW ≥ 3 x RBW

Detector = peak, Sweep time = auto couple, Trace mode = max hold

Allow trace to fully stabilize

Use the peak marker function to determine the maximum amplitude level.

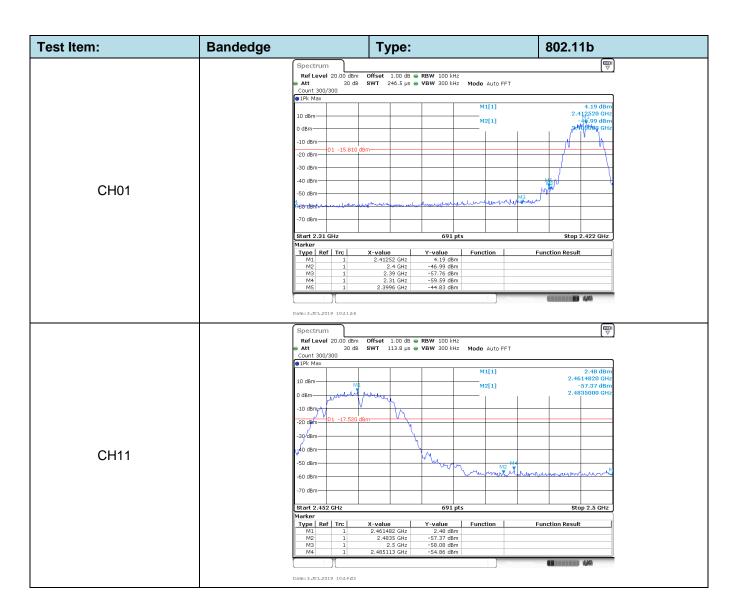
- 4. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
- 5. Ensure that the amplitude of all unwanted emission outside of the authorized frequency band excluding restricted frequency bands) are attenuated by at least the minimum requirements specified (at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz). Report the three highest emission relative to the limit.

TEST MODE:

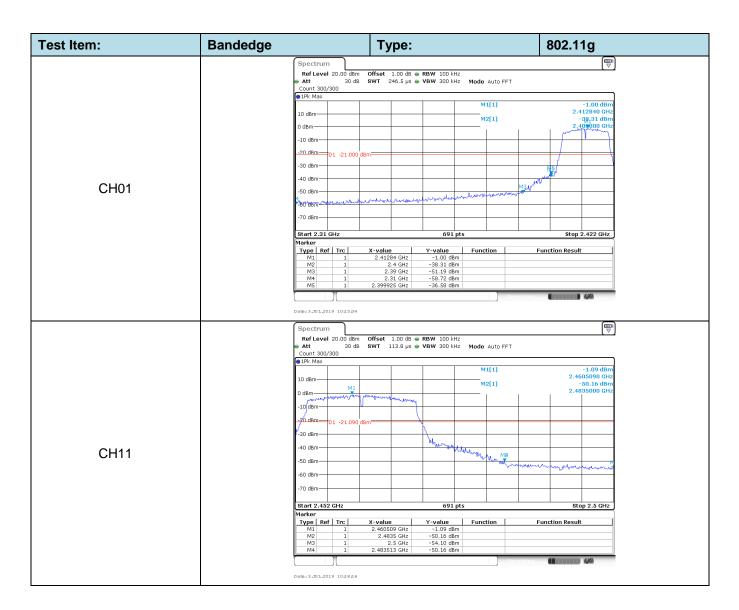
Please refer to the clause 3.3

TEST RESULTS

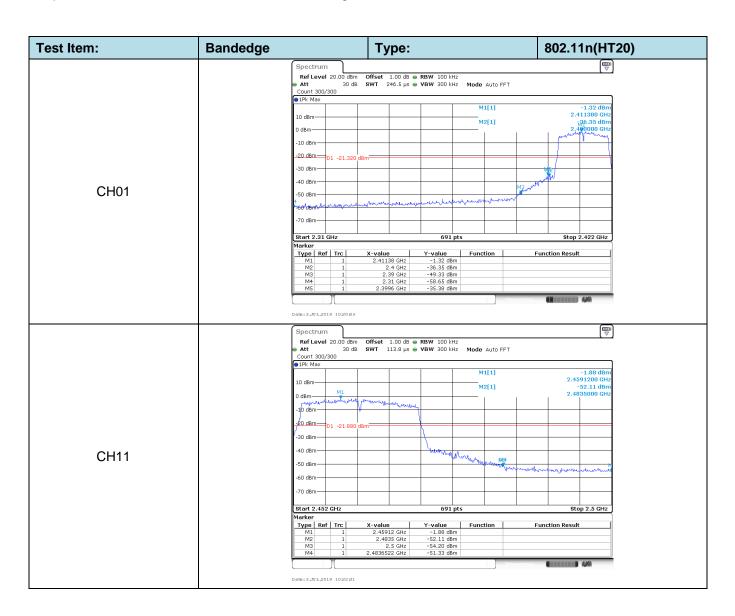
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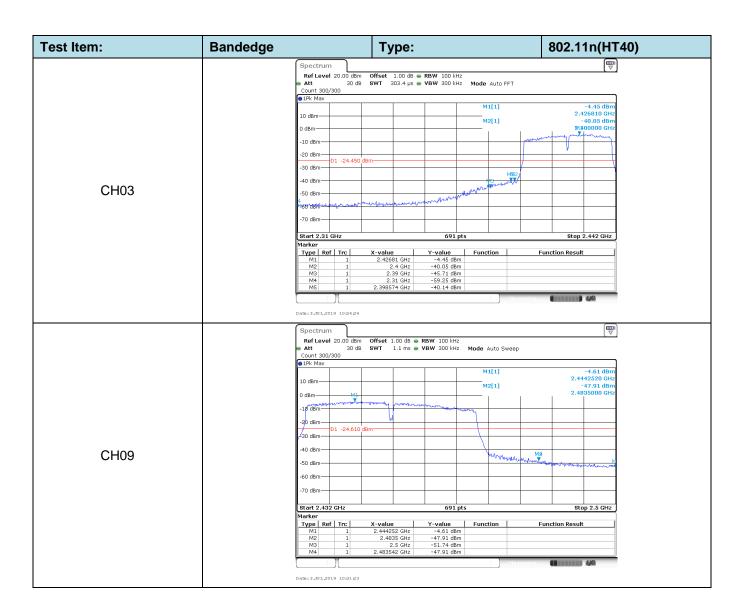
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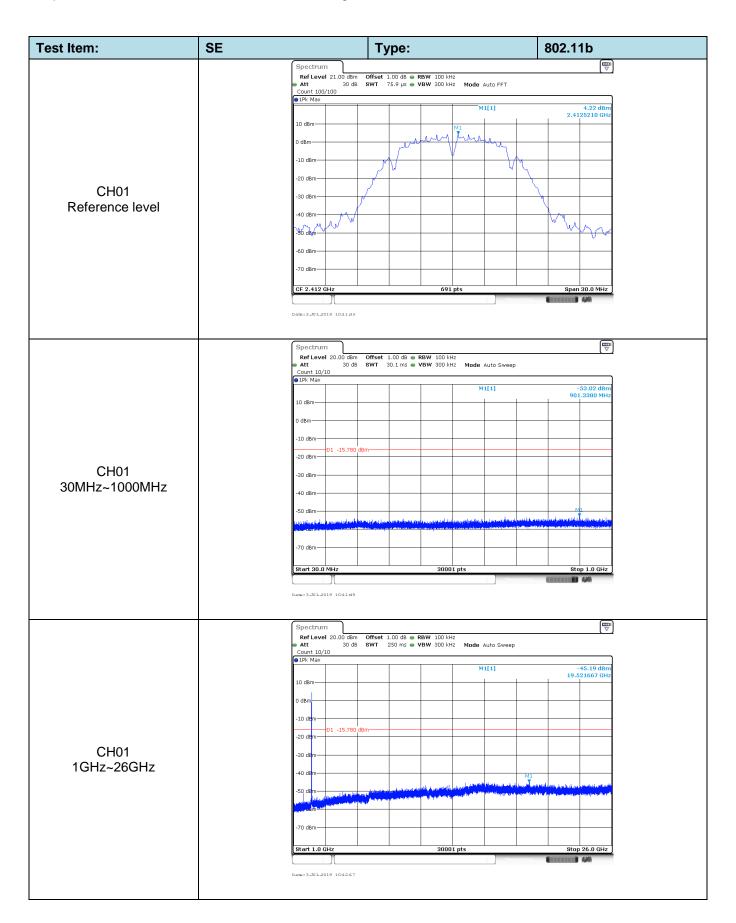
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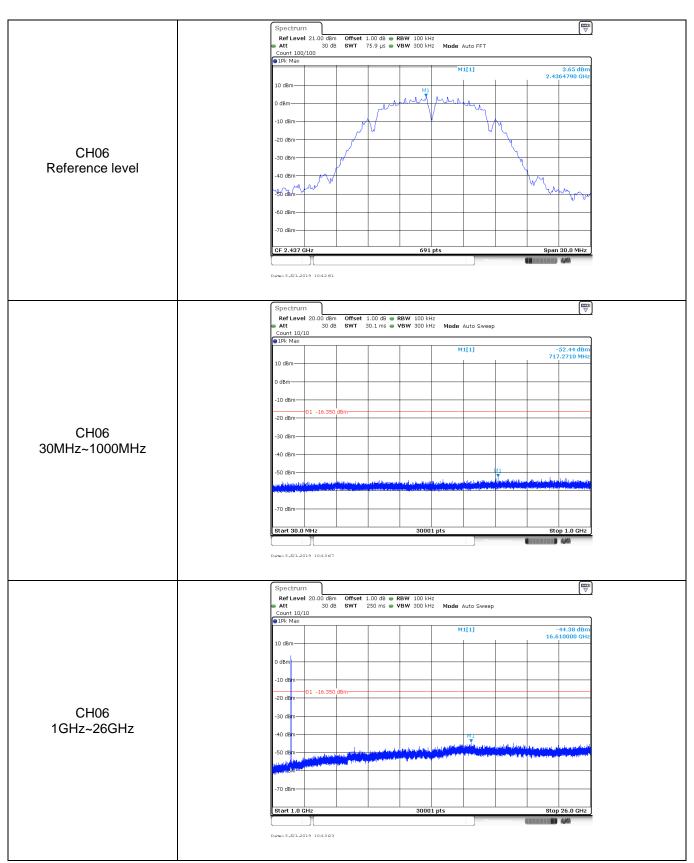
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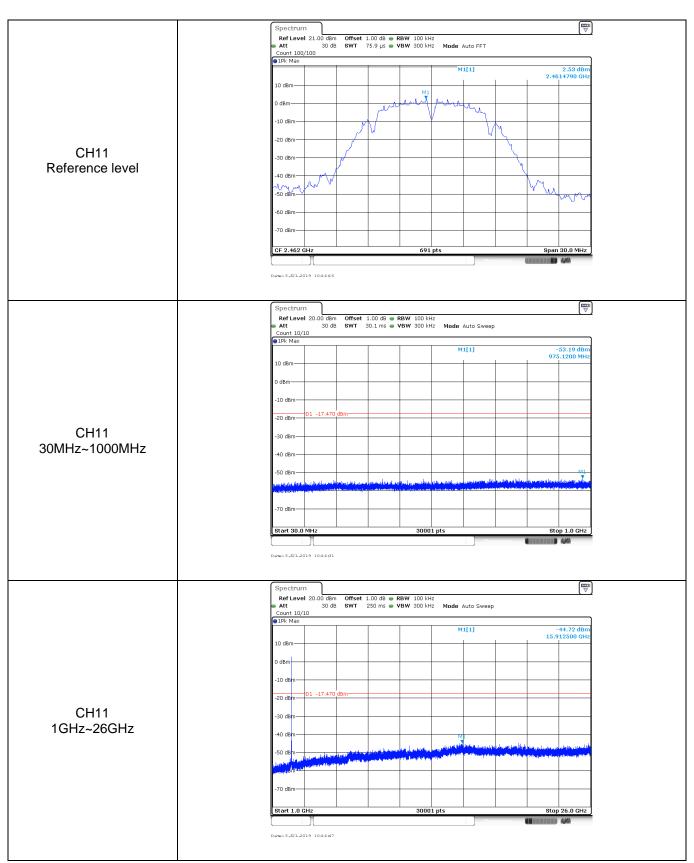
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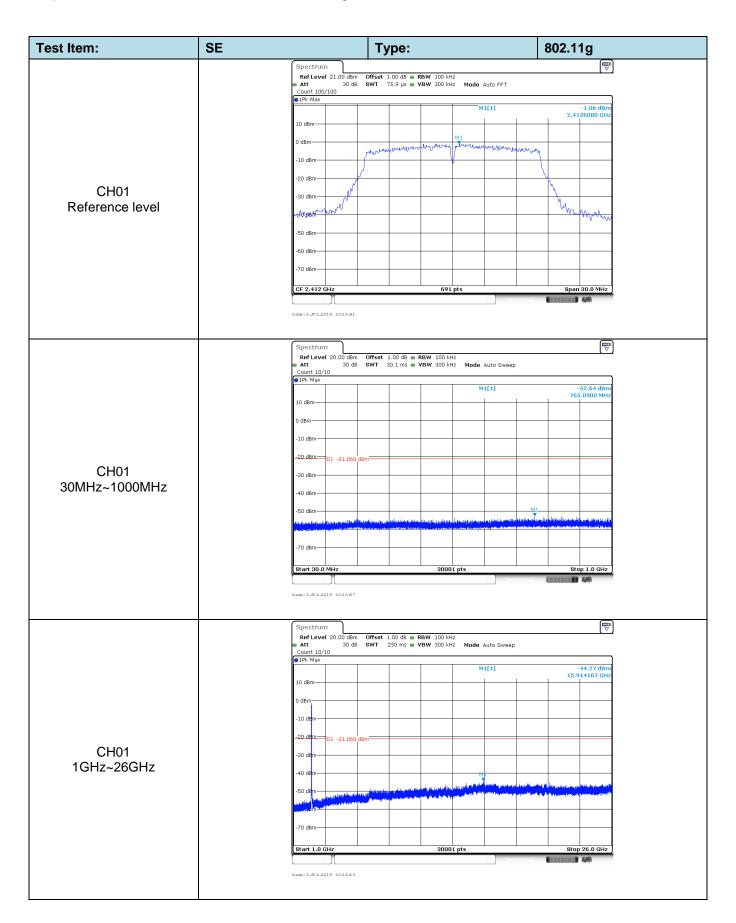
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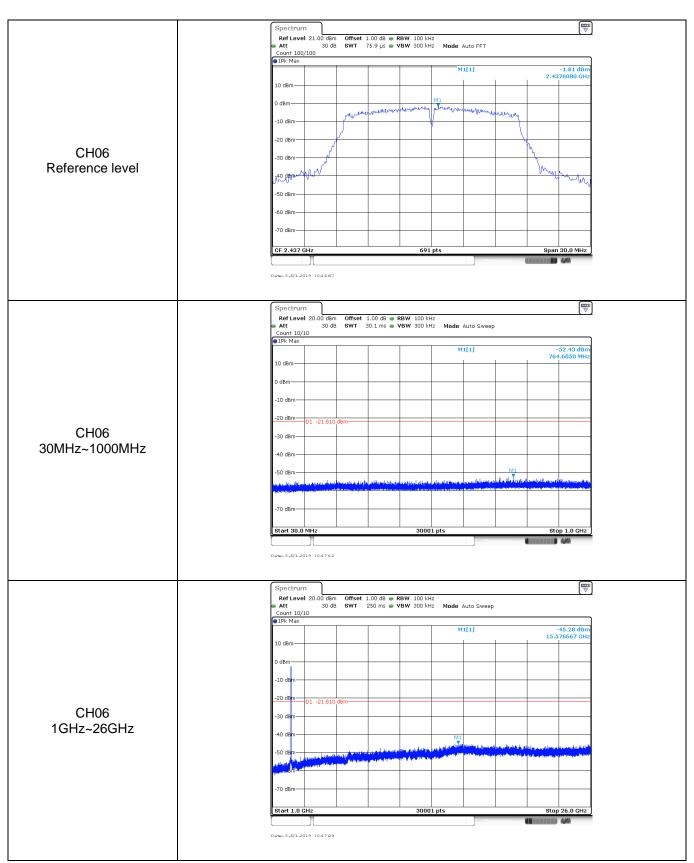
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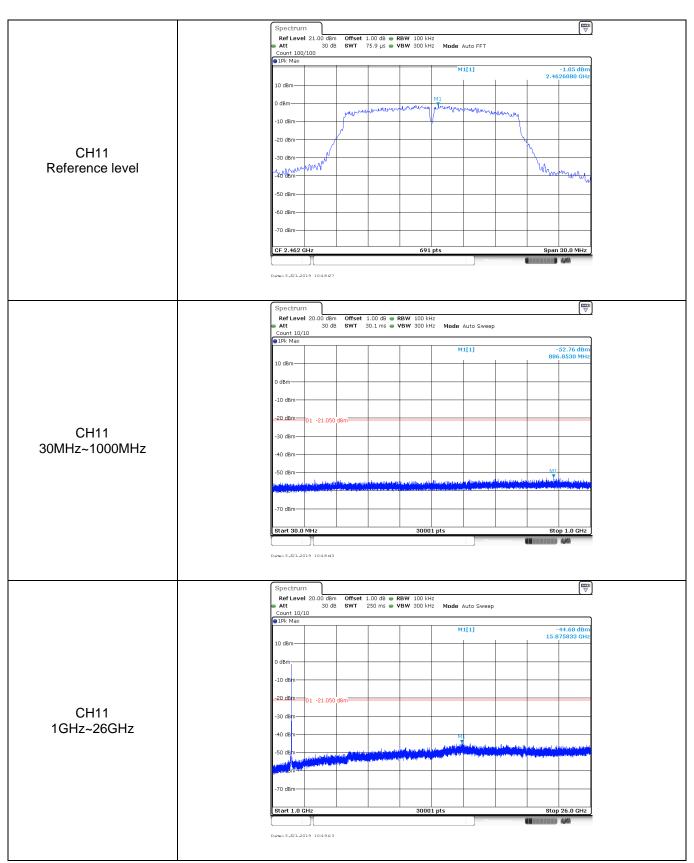
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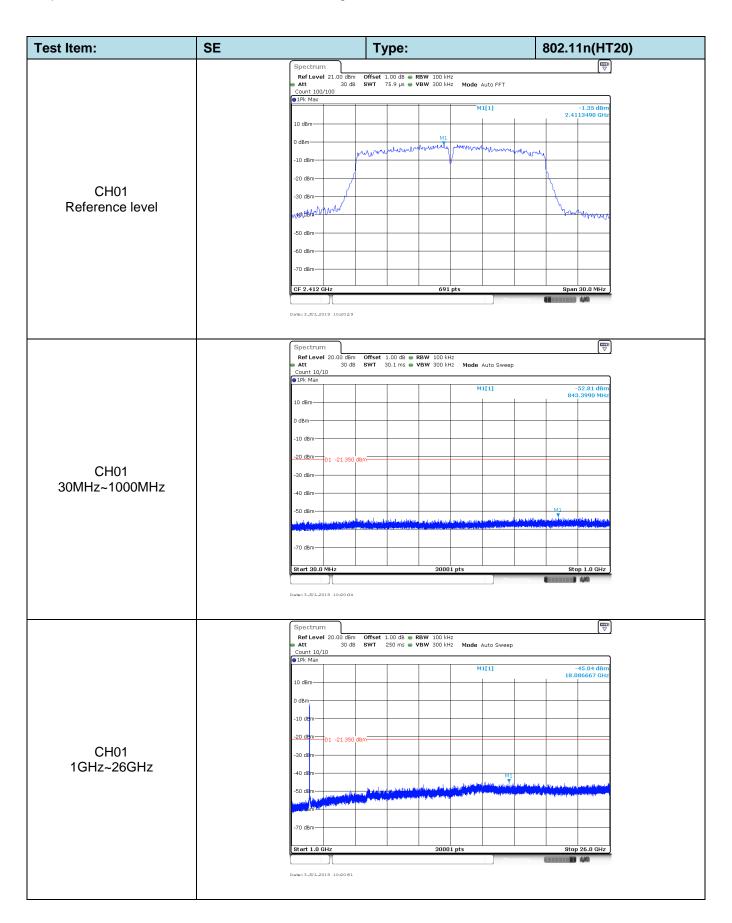
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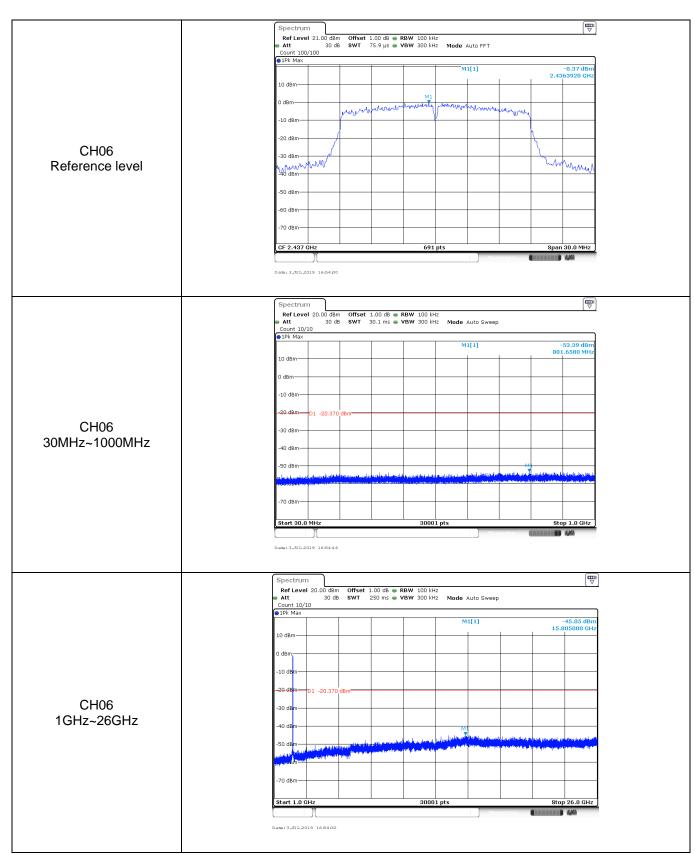
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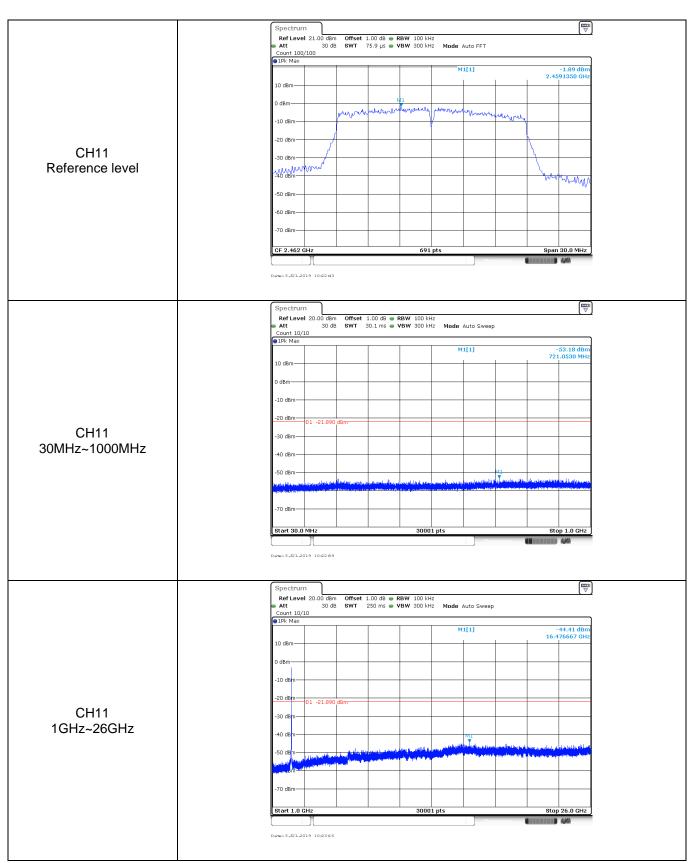
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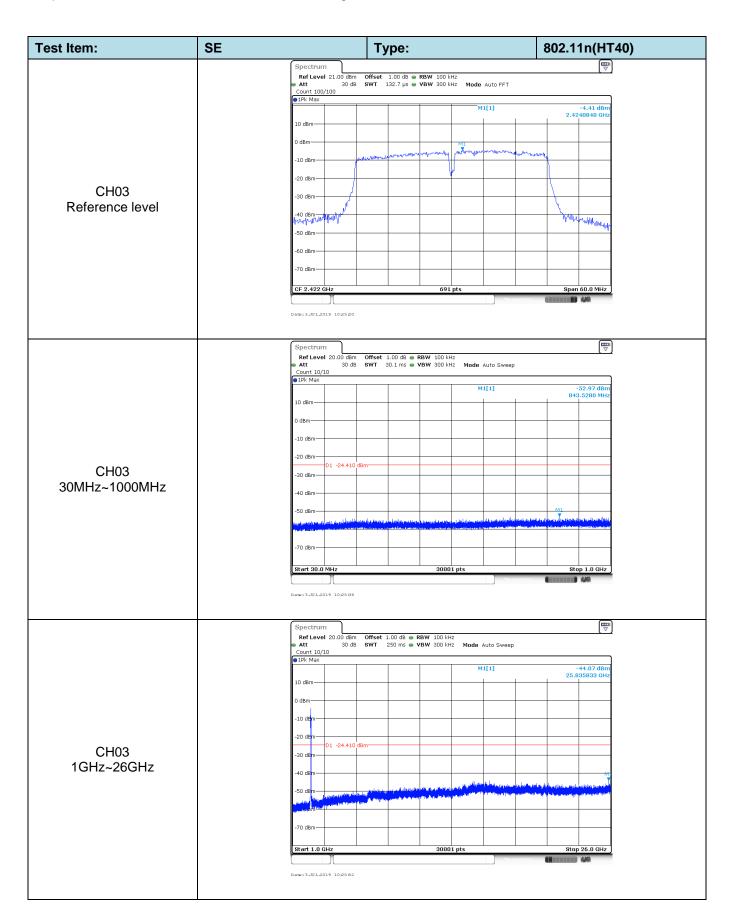
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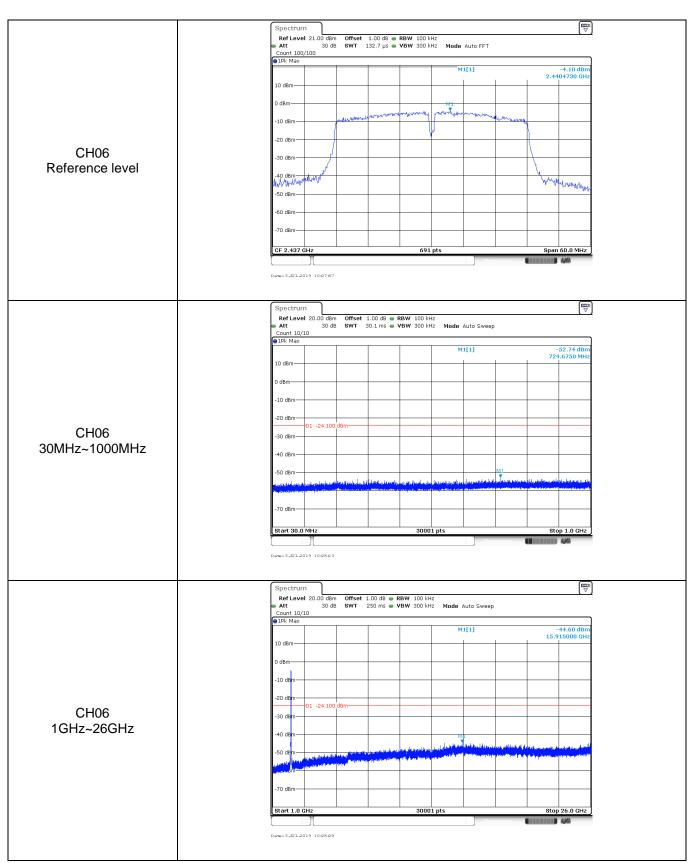
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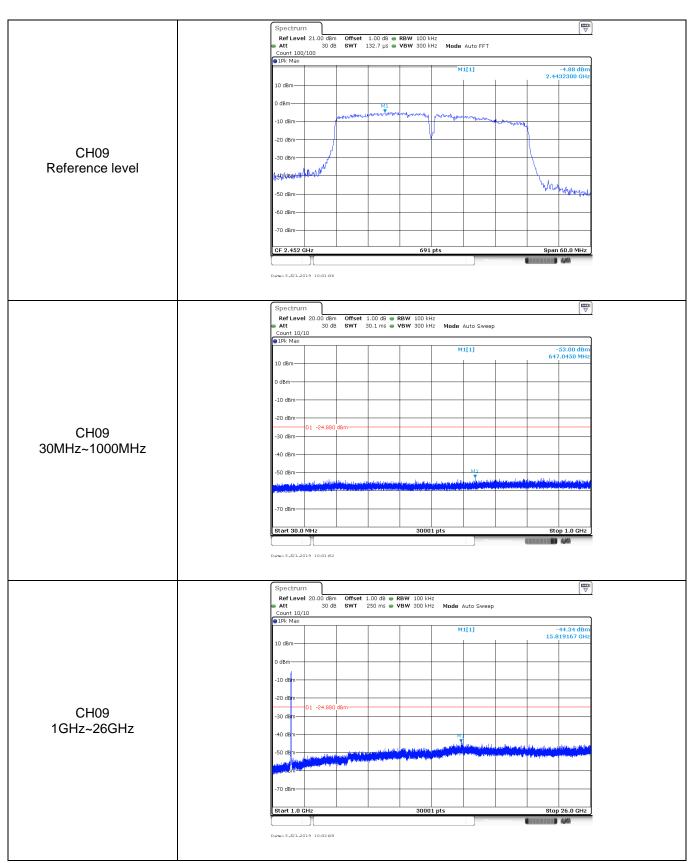
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5.8. Spurious Emissions (radiated)

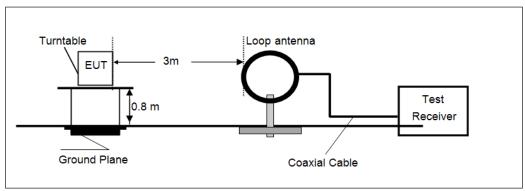
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

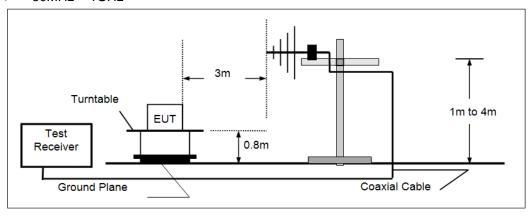
Frequency	Limit (dBuV/m @3m)	Value						
30MHz-88MHz	40.00	Quasi-peak						
88MHz-216MHz	43.50	Quasi-peak						
216MHz-960MHz	46.00	Quasi-peak						
960MHz-1GHz	54.00	Quasi-peak						
Above 1GHz	54.00	Average						
Above IGIIZ	74.00	Peak						

TEST CONFIGURATION

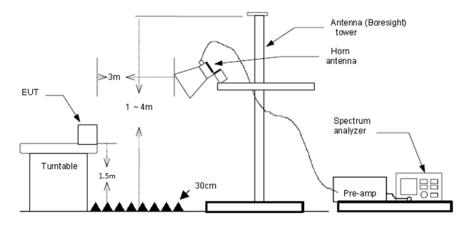
➤ 9kHz ~30MHz



> 30MHz ~ 1GHz



Above 1GHz



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TEST PROCEDURE

- The EUT was setup and tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
- 2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
- 5. Set to the maximum power setting and enable the EUT transmit continuously.
- 6. Use the following spectrum analyzer settings
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Below 1 GHz:

RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold; If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

(3) From 1 GHz to 10th harmonic:

RBW=1MHz, VBW=3MHz Peak detector for Peak value.

RBW=1MHz, VBW=3MHz RMS detector for Average value.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

□ Passed	☐ Not Applicable

Note:

- 1) Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- The emission levels of other frequencies are very lower than the limit and not show in test report.

➢ 9kHz ~ 30MHz

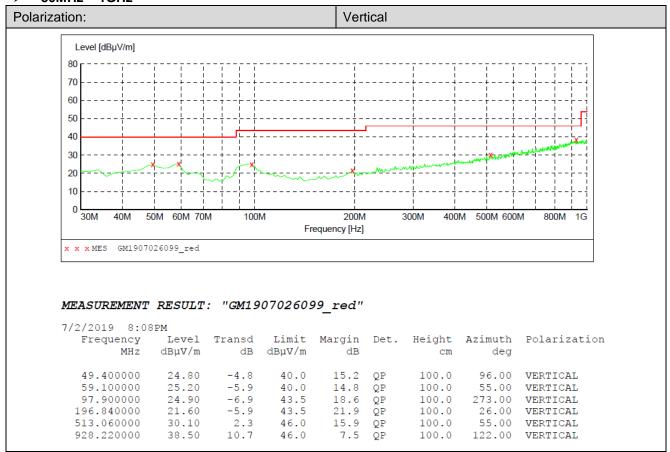
The EUT was pre-scanned the frequency band (9kHz~30MHz), found the radiated level lower than the limit, so don't show on the report.

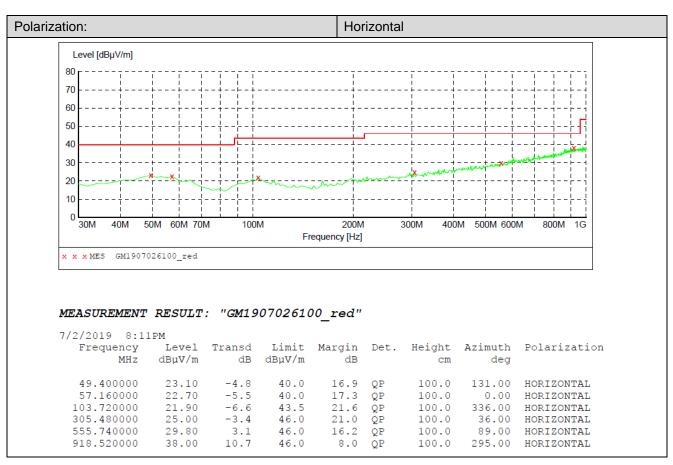
➤ 30MHz ~1000MHz

Have pre-scan all modulation mode, found the 802.11b mode CH01 which it was worst case, so only the worst case's data on the test report.

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30MHz ~ 1GHz





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► 1 GHz ~ 25 GHz

802.1b				CH01			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1348.093	32.30	-5.57	26.73	74.00	47.27	Vertical	PK
3856.718	31.51	2.38	33.89	74.00	40.11	Vertical	PK
5232.937	30.16	8.81	38.97	74.00	35.03	Vertical	PK
6615.031	30.20	13.20	43.40	74.00	30.60	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1292.281	33.93	-5.59	28.34	74.00	45.66	Horizontal	PK
3069.468	32.18	0.19	32.37	74.00	41.63	Horizontal	PK
4554.375	31.05	5.58	36.63	74.00	37.37	Horizontal	PK
7321.500	31.06	16.12	47.18	74.00	26.82	Horizontal	PK

802.11b				CH06	CH06			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
1378.937	32.53	-5.58	26.95	74.00	47.05	Vertical	PK	
3931.625	31.80	2.78	34.58	74.00	39.42	Vertical	PK	
5030.250	28.88	8.14	37.02	74.00	36.98	Vertical	PK	
6570.968	30.42	12.97	43.39	74.00	30.61	Vertical	PK	
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
1398.031	31.56	-5.58	25.98	74.00	48.02	Horizontal	PK	
3125.281	32.86	0.45	33.31	74.00	40.69	Horizontal	PK	
5087.531	30.02	8.68	38.70	74.00	35.30	Horizontal	PK	
8712.406	30.73	19.17	49.90	74.00	24.10	Horizontal	PK	

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802.11b				CH11			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1180.656	34.20	-6.04	28.16	74.00	45.84	Vertical	PK
1774.031	32.29	-5.88	26.41	74.00	47.59	Vertical	PK
4818.750	30.09	7.07	37.16	74.00	36.84	Vertical	PK
7728.343	29.40	17.40	46.80	74.00	27.20	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1587.500	33.67	-6.20	27.47	74.00	46.53	Horizontal	PK
3548.281	32.50	1.24	33.74	74.00	40.26	Horizontal	PK
5252.031	30.63	8.70	39.33	74.00	34.67	Horizontal	PK
7162.875	29.88	15.78	45.66	74.00	28.34	Horizontal	PK

Remark:

- 1. Final Level =Receiver Read level + Antenna Factor
- 2. The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies(test frequency band is 1GHz to 25GHz) are very lower than the limit and not show in test report.

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802.11g				CH01			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1258.500	33.24	-5.68	27.56	74.00	46.44	Vertical	PK
1728.500	32.43	-6.01	26.42	74.00	47.58	Vertical	PK
5162.437	29.96	8.91	38.87	74.00	35.13	Vertical	PK
7077.687	29.91	15.37	45.28	74.00	28.72	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1731.437	32.48	-6.01	26.47	74.00	47.53	Horizontal	PK
4469.187	30.26	5.22	35.48	74.00	38.52	Horizontal	PK
5874.781	30.31	9.87	40.18	74.00	33.82	Horizontal	PK
7043.906	30.68	15.28	45.96	74.00	28.04	Horizontal	PK

802.11g				CH06				
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
1400.968	32.94	-5.58	27.36	74.00	46.64	Vertical	PK	
3836.156	32.71	2.24	34.95	74.00	39.05	Vertical	PK	
5244.687	30.22	8.74	38.96	74.00	35.04	Vertical	PK	
7524.187	29.62	16.52	46.14	74.00	27.86	Vertical	PK	
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
1314.312	33.23	-5.57	27.66	74.00	46.34	Horizontal	PK	
4312.031	31.61	3.91	35.52	74.00	38.48	Horizontal	PK	
4848.125	30.58	7.11	37.69	74.00	36.31	Horizontal	PK	
6991.031	29.07	15.07	44.14	74.00	29.86	Horizontal	PK	

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802.11g				CH11			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1694.718	32.91	-6.11	26.80	74.00	47.20	Vertical	PK
4024.156	31.50	3.08	34.58	74.00	39.42	Vertical	PK
5205.031	30.45	8.95	39.40	74.00	34.60	Vertical	PK
7406.687	30.05	16.37	46.42	74.00	27.58	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1707.937	33.49	-6.08	27.41	74.00	46.59	Horizontal	PK
4495.625	30.43	5.33	35.76	74.00	38.24	Horizontal	PK
6037.812	30.05	10.56	40.61	74.00	33.39	Horizontal	PK
7862.000	30.33	17.30	47.63	74.00	26.37	Horizontal	PK

Remark:

- 1. Final Level =Receiver Read level + Antenna Facto
- 2. The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies(test frequency band is 1GHz to 25GHz) are very lower than the limit and not show in test report.

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302.11n(HT2	20)			CH01			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1409.781	32.14	-5.58	26.56	74.00	47.44	Vertical	PK
3812.656	31.66	2.08	33.74	74.00	40.26	Vertical	PK
5059.625	29.79	8.42	38.21	74.00	35.79	Vertical	PK
6087.750	30.01	10.69	40.70	74.00	33.30	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1672.687	33.66	-6.15	27.51	74.00	46.49	Horizontal	PK
4511.781	29.83	5.40	35.23	74.00	38.77	Horizontal	PK
5128.656	30.04	8.85	38.89	74.00	35.11	Horizontal	PK
8659.531	30.69	19.04	49.73	74.00	24.27	Horizontal	PK

802.11n(HT2	20)			CH06			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1389.218	31.80	-5.58	26.22	74.00	47.78	Vertical	PK
2138.281	31.84	-3.61	28.23	74.00	45.77	Vertical	PK
3831.750	31.69	2.21	33.90	74.00	40.10	Vertical	PK
7167.281	29.97	15.81	45.78	74.00	28.22	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1757.875	32.82	-5.93	26.89	74.00	47.11	Horizontal	PK
4400.156	30.51	4.92	35.43	74.00	38.57	Horizontal	PK
6302.187	30.27	11.01	41.28	74.00	32.72	Horizontal	PK
7513.906	30.16	16.47	46.63	74.00	27.37	Horizontal	PK

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802.11n(HT2	20)			CH11			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1707.937	32.64	-6.08	26.56	74.00	47.44	Vertical	PK
4520.593	29.63	5.44	35.07	74.00	38.93	Vertical	PK
6162.656	29.42	10.82	40.24	74.00	33.76	Vertical	PK
6543.062	29.21	12.79	42.00	74.00	32.00	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1428.875	33.02	-5.59	27.43	74.00	46.57	Horizontal	PK
2567.156	30.89	-1.58	29.31	74.00	44.69	Horizontal	PK
4419.250	30.42	5.00	35.42	74.00	38.58	Horizontal	PK
6089.218	30.47	10.69	41.16	74.00	32.84	Horizontal	PK

Remark:

- 1. Final Level =Receiver Read level + Antenna Factor
- 2. The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies(test frequency band is 1GHz to 25GHz) are very lower than the limit and not show in test report.

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802.11n(HT ²	10)			CH03			
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1383.343	33.06	-5.58	27.48	74.00	46.52	Vertical	PK
4491.218	30.20	5.31	35.51	74.00	38.49	Vertical	PK
6084.812	29.19	10.68	39.87	74.00	34.13	Vertical	PK
7007.187	29.42	15.19	44.61	74.00	29.39	Vertical	PK
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector
1716.750	32.79	-6.05	26.74	74.00	47.26	Horizontal	PK
4441.281	30.16	5.10	35.26	74.00	38.74	Horizontal	PK
5995.218	29.72	10.44	40.16	74.00	33.84	Horizontal	PK
6804.500	30.44	13.24	43.68	74.00	30.32	Horizontal	PK

802.11n(HT	40)			CH06				
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
1420.062	32.71	-5.59	27.12	74.00	46.88	Vertical	PK	
4154.875	32.23	3.56	35.79	74.00	38.21	Vertical	PK	
6632.656	30.62	13.25	43.87	74.00	30.13	Vertical	PK	
7386.125	30.11	16.33	46.44	74.00	27.56	Vertical	PK	
Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Detector	
1668.281	33.16	-6.16	27.00	74.00	47.00	Horizontal	PK	
3627.593	32.57	1.49	34.06	74.00	39.94	Horizontal	PK	
6017.250	30.89	10.50	41.39	74.00	32.61	Horizontal	PK	
7989.781	30.73	18.10	48.83	74.00	25.17	Horizontal	PK	

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302.11n(HT4	-0)			CH09				
Freq.	Reading	Factor	Level	Limit	Margin	Polarity	Detector	
[MHz]	[dBµV/m]	[dB]	[dBµV/m]	[dBµV/m]	[dB]			
1659.468	34.00	-6.17	27.83	74.00	46.17	Vertical	PK	
3676.062	32.51	1.56	34.07	74.00	39.93	Vertical	PK	
5572.218	29.84	8.93	38.77	74.00	35.23	Vertical	PK	
7170.218	29.62	15.82	45.44	74.00	28.56	Vertical	PK	
Freq.	Reading	Factor	Level	Limit	Margin	Polarity	Detector	
[MHz]	[dBµV/m]	[dB]	[dBµV/m]	[dBµV/m]	[dB]			
1236.468	34.01	-5.74	28.27	74.00	45.73	Horizontal	PK	
4394.281	31.21	4.85	36.06	74.00	37.94	Horizontal	PK	
6526.906	29.35	12.69	42.04	74.00	31.96	Horizontal	PK	
9126.593	31.47	18.68	50.15	74.00	23.85	Horizontal	PK	

Remark:

- 1. Final Level = Receiver Read level + Antenna Factor
- 2. The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies(test frequency band is 1GHz to 25GHz) are very lower than the limit and not show in test report.

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6. TEST SETUP PHOTOS

Conducted Emissions



Radiated Emissions





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