TEST REPORT

For WiFi-2.4GHz Band

eport No::	CHTEW22090169	Report Verification

Project No.....: SHT2209003603EW

FCC ID.....:: 2ASWWX55PRIME

Applicant's name.....:: XINCHUANGXIN INTERNATIONAL CO. LTD

Address....: ROOM 605 6/F, FA YUEN COMMERCIAL BUILDING, 75-77 FA

YUEN STREET MONGKOK KL

Product Name: **Smart phone**

Trade Mark CORN

Model No.: X55 Prime

Listed Model(s):

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

Date of receipt of test sample.....: Sep. 09, 2022

Date of testing..... Sep. 10, 2022- Sep. 28, 2022

Date of issue.....: Sep. 29, 2022

Result....: PASS

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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:

- FCC Rules Part 15.247: 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 v05r02: 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	2022-09-29	Original

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2. TEST DESCRIPTION

Report clause	Test Items	Standard Requirement	Result	Test Engineer
5.1	Antenna Requirement	15.203/15.247(c)	PASS	Xiaoqin Li
5.2	AC Conducted Emission	15.207	PASS	Xiaoqin Li
5.3	Peak Output Power	15.247(b)(3)	PASS	Xiaoqin Li
5.4	Power Spectral Density	15.247(e)	PASS	Xiaoqin Li
5.5	6dB Bandwidth	15.247(a)(2)	PASS	Xiaoqin Li
5.6	99% Occupied Bandwidth	-	PASS ^{*1}	Xiaoqin Li
5.7	Duty cycle	-	PASS ^{*1}	Xiaoqin Li
5.8	Conducted Band Edge and Spurious Emission	15.247(d)/15.205	PASS	Xiaoqin Li
5.9	Radiated Band Edge Emission	15.205/15.209	PASS	Pan Xie
5.10	Radiated Spurious Emission	15.247(d)/15.205/15.209	PASS	Pan Xie

Note:

⁻ The measurement uncertainty is not included in the test result.

 ^{*1:} No requirement on standard, only report these test data.

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3. **SUMMARY**

3.1. Client Information

Applicant:	XINCHUANGXIN INTERNATIONAL CO. LTD
Address:	ROOM 605 6/F, FA YUEN COMMERCIAL BUILDING, 75-77 FA YUEN STREET MONGKOK KL
Manufacturer:	Shenzhen Chiteng Technology Co.,LTD
Address:	Second Floor,Area A, Building 4, Huiye Technology Workshop, Guanguang Road, Tangjia Community, Gongming Street, Guangming New District, Shenzhen, Guangdong

3.2. Product Description

Main unit information:		
Product Name:	Smart phone	
Trade Mark:	CORN	
Model No.:	X55 Prime	
Listed Model(s):	-	
Power supply:	DC 3.7V from Battery	
Hardware version:	J517C_31EMB_D3AF_V1.1	
Software version:	CORN X55 Prime S55309B V01	
Accessory unit information:		
Battery information:	3.7Vdc, 2500mAh	
Adapter information:	Model:CS001 Input: AC100-240V, 50/60Hz, 0.15A Output: 5.0Vdc, 1.0A	

3.3. Radio Specification Description

Support type*2:	⊠ 802.11b	⊠ 802.11g	⊠ 802.11n
Support bandwidth:	⊠ 20MHz	☐ 40MHz	
Modulation:	802.11b:	DBPSK, DQPSK, BPSK,	QPSK
Modulation.	802.11g/n:	BPSK, QPSK, 16QAM, 64QAM	
Operation frequency:	802.11b/g/n(HT20): 2412MHz~2462MHz		
Channel number:	802.11b/g/n(HT20): 11		
Channel separation:	5MHz		
Antenna technology:	a technology:		
Antenna type:	Interna Antenna		
Antenna gain:	1.0dBi		

Note:

^{*2:} only show the RF function associated with this report.

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3.4. Testing Laboratory Information

Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.		
Laboratory Location	1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China		
Connect information:	Phone: 86-755-26715499 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn		
Qualifications	Type Accreditation Number		
Qualifications	FCC	762235	

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4. TEST CONFIGURATION

4.1. Test frequency list

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

802.11b/g/n(HT20)		
Channel	Frequency (MHz)	
01	2412	
02	2417	
· :	· :	
06	2437	
. :	· :	
10	2457	
11	2462	

4.2. Descriptions of Test mode

Preliminary tests were performed in different data rates, final test modes are considering the modulation and worse data rates as below table.

Modulation	Data rate
802.11b	1Mbps
802.11g	6Mbps
802.11n(HT20)	MCS0

4.3. Test mode

For RF test items

The engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions:

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

For Radiated spurious emissions

The engineering test program was provided and enabled to make EUT continuous transmit.

The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data Recorded in the report.

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4.4. Test sample information

Test item	HTW sample no.	
RF Conducted test items	Please refer to the description in the appendix report	
RF Radiated test items		
EMI test items		

Note:

RF Conducted test items: Peak Output Power, Power Spectral Density, 6dB Bandwidth, 99% Occupied Bandwidth, Duty cycle, Conducted Band Edge and Spurious Emission

RF Radiated test items: Radiated Band Edge Emission, Radiated Spurious Emission

EMI test items: AC Conducted Emission

4.5. Support unit used in test configuration and system

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

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

Whether support unit is used?			
✓ No			
Item	Equipment	Trade Name	Model No.
1			
2			

4.6. Testing environmental condition

Туре	Requirement	Actual
Temperature:	15~35°C	25°C
Relative Humidity:	25~75%	50%
Air Pressure:	860~1060mbar	1000mbar

4.7. Statement of the measurement uncertainty

Test Item	Measurement Uncertainty
AC Conducted Emission (150kHz~30MHz)	3.00 dB
Radiated Emission (30MHz~1000MHz	4.36 dB
Radiated Emissions (1GHz~25GHz)	5.10 dB
Peak Output Power	0.77dB
Power Spectral Density	0.77dB
Conducted Spurious Emission	0.77dB
6dB Bandwidth	70Hz for <1GHz 130Hz for >1GHz

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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4.8. Equipment Used during the Test

•	Conducted E	mission					
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Shielded Room	Albatross projects	HTWE0114	N/A	N/A	2018/09/28	2023/09/27
•	EMI Test Receiver	R&S	HTWE0111	ESCI	101247	2021/09/14	2022/09/13
•	Artificial Mains	SCHWARZBECK	HTWE0113	NNLK 8121	573	2021/09/17	2022/09/16
•	Pulse Limiter	R&S	HTWE0193	ESH3-Z2	101447	2021/09/16	2022/09/15
•	RF Connection Cable	HUBER+SUHNER	HTWE0113-02	ENVIROFLE X_142	EF-NM- BNCM-2M	2021/09/17	2022/09/16
•	Test Software	R&S	N/A	ES-K1	N/A	N/A	N/A

•	Radiated emi	ssion-6th test sit	te				
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	HTWE0127	SAC-3m-02	C11121	2018/09/30	2022/09/29
•	EMI Test Receiver	R&S	HTWE0099	ESCI	100900	2021/09/14	2022/09/13
•	Loop Antenna	R&S	HTWE0170	HFH2-Z2	100020	2021/04/06	2024/04/05
•	Ultra-Broadband Antenna	SCHWARZBECK	HTWE0123	VULB9163	538	2021/04/06	2024/04/05
•	Pre-Amplifer	SCHWARZBECK	HTWE0295	BBV 9742	N/A	2021/11/05	2022/11/04
•	RF Connection Cable	HUBER+SUHNER	HTWE0062-01	N/A	N/A	2022/02/25	2023/02/24
•	RF Connection Cable	HUBER+SUHNER	HTWE0062-02	SUCOFLEX104	501184/4	2022/02/25	2023/02/24
•	Test Software	R&S	N/A	ES-K1	N/A	N/A	N/A

•	Radiated em	ission-7th test s	ite				
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	HTWE0122	SAC-3m-01	C11121	2018/09/27	2022/09/26
•	Spectrum Analyzer	R&S	HTWE0098	FSP40	100597	2021/09/13	2022/09/12
•	Horn Antenna	SCHWARZBECK	HTWE0126	9120D	1011	2020/04/01	2023/03/31
•	Broadband Horn Antenna	SCHWARZBECK	HTWE0103	BBHA9170	BBHA9170472	2020/04/27	2023/04/26
•	Pre-amplifier	CD	HTWE0071	PAP-0102	12004	2021/11/05	2022/11/04
•	Broadband Pre- amplifier	SCHWARZBECK	HTWE0201	BBV 9718	9718-248	2022/02/28	2023/02/27
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-01	6m 18GHz S Serisa	N/A	2022/02/25	2023/02/24
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-02	6m 3GHz RG Serisa	N/A	2022/02/25	2023/02/24
•	RF Connection Cable	HUBER+SUHNER	HTWE0119-05	6m 3GHz RG Serisa	N/A	2022/02/25	2023/02/24
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-04	6m 3GHz RG Serisa	N/A	2022/02/25	2023/02/24
•	Test Software	Audix	N/A	E3	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 responseble party shall be used with the device. The use of a permanently attached antenna or of an antenna 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.

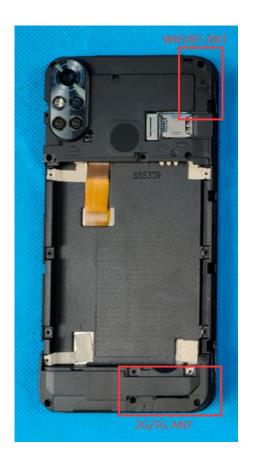
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(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 RESULT

M Decead	□ Not Applicable
□ Passed	Not Applicable

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



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5.2. AC Conducted Emission

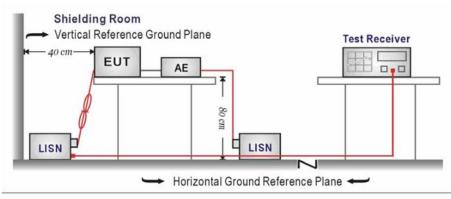
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.207

Fragues ov range (MHz)	Limit (d	BuV)
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

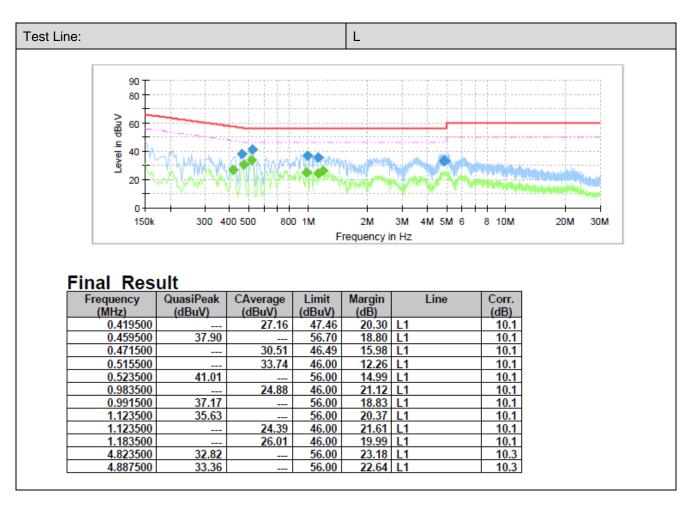
- 1. The EUT was setup according to ANSI C63.10 requirements.
- 2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from 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.

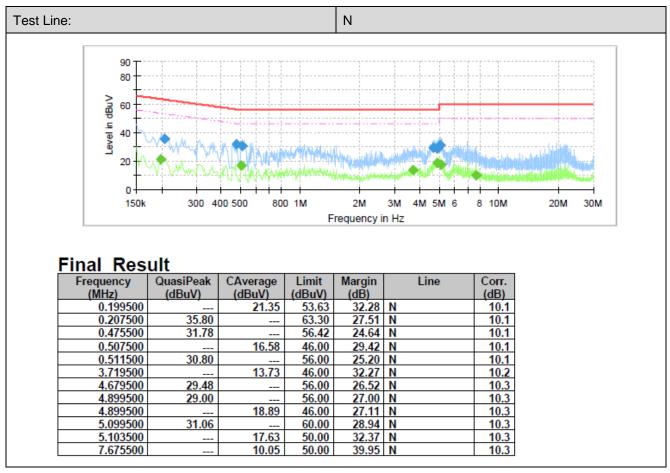
TEST MODE

Please refer to the clause 4.2

TEST RESULT

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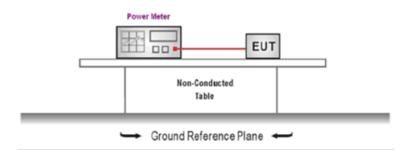
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5.3. Peak Output Power

LIMIT

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

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was tested according to ANSI C63.10 and KDB 558074 D01 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 4.2

TEST RESULT

TEST DATA

Please refer to appendix A on the appendix report

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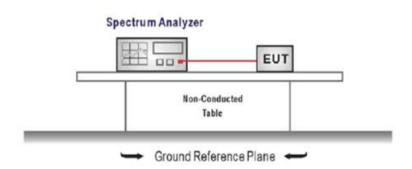
5.4. Power Spectral Density

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 8dBm 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,
- 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.
- If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

TEST DATA

Please refer to appendix B on the appendix report

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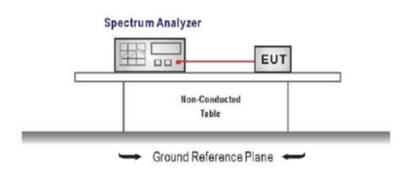
5.5. 6dB bandwidth

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.
- 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 waveform 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 4.2

TEST RESULT

TEST DATA

Please refer to appendix C on the appendix report

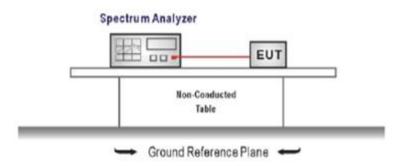
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5.6. 99% Occupied Bandwidth

LIMIT

N/A

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 andthe spectrum analyzer).

Center Frequency = channel center frequency

Span≥1.5 x OBW

RBW = 1%~5%OBW

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 waveform on the spectrum analyzer.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

TEST DATA

Please refer to appendix D on the appendix report

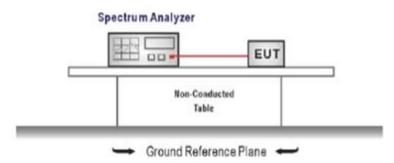
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5.7. Duty Cycle

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

- 1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
- 2. Set to the maximum power setting and enable the EUT transmit continuously
- 3. Use the following spectrum analyzer settings:
 - Span=zero span, Frequency=centered channel, RBW= 1 MHz, VBW ≥ RBW
 - Sweep=as necessary to capture the entire dwell time,
 - Detector function = peak, Trigger mode
- 4. Measure and record the duty cycle data

TEST MODE

Please refer to the clause 4.2

TEST DATA

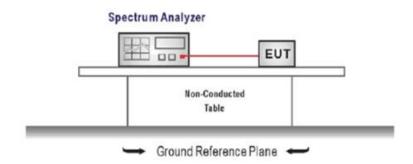
Please refer to appendix E on the appendix report

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5.8. Conducted Band edge and Spurious Emission 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 that 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 \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 amplitude level.

- 4. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
- 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 4.2

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TEST RESULT

oxedow Passed oxedow Not Applicable

TEST DATA

Please refer to appendix F on the appendix report

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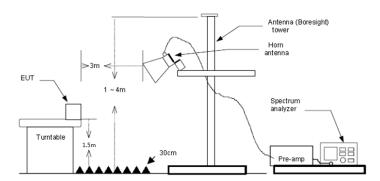
5.9. Radiated Band edge Emission

LIMIT

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

- 1. The EUT was setup and tested according to ANSI C63.10.
- 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 on radiated measurement.
- 5. Use the following spectrum analyzer settings:
 - a) Span shall wide enough to fully capture the emission being measured
 - b) Set RBW=100kHz for <1GHz, VBW=3*RBW, Sweep time=auto, Detector=peak, Trace=max hold
 - c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement:

- VBW=10Hz, When duty cycle is no less than 98 percent
- VBW≥1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation, so refer to this clasue 5.6 duty cycle.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

Note:

- 1) Level= Reading + Factor; Factor = Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- Average measurement was not performed if peak level is lower than average limit(54 dBuV/m).

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Туре		802.1	1b	Test ch	nannel	CHO	1	Po	larity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux	Level dBuV/m	Limit dBuV/m	Over	Remark
	1 2	2310.00	39.90 41.39	27.96 27.72	3.89 3.99	37.56 37.45	20.00	54.19	74.00 74.00	-19.8	_
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2310.00 2390.01	33.65 34.55	27.96 27.72	3.89 3.99	37.56 37.45	20.00	47.94 48.81	54.00 54.00	-6.06 -5.19	Average Average
Туре		802.1	1b	Test ch	nannel	CHO	1	Po	larity		Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1 2	2310.00	41.50	27.96 27.72	3.89 3.99	37.56 37.45	20.00	55.79 56.91	74.00 74.00	-18.21 -17.09	Peak Peak
	Mark	Frequency	Reading	 Antenna	 Cable	Preamp	Aux	Level	Limit	Over	Remark
	1	MHz 2310.00	dBuV/m 33.33	dB 27.96	dB 3.89	dB 37.56	dB 20.00	dBuV/m 47.62	dBuV/m	limit	Average
	2	2390.01	35.65	27.72	3.99	37.45	20.00	49.91	54.00	-4.09	Average

Туре		802.1	1b	Test cl	nannel	CH ²	11	Po	olarity		Horizontal
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
	1	MHZ	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483.49 2500.00	34.54 33.50	27.43 27.40	4.03 4.04	37.26 37.26	20.00	48.74 47.68		-5.26 -6.32	Average Average
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483.49	40.38	27.43	4.03	37.26	20.00	54.58	74.00	-19.42	Peak
	2	2500.00	39.97	27.40	4.04	37.26	20.00	54.15	74.00	-19.85	Peak
Туре		802.1	1b	Test cl	nannel	CH ²	11	Po	olarity		Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	34.55	27.43	4.03	37.26	20.00	48.75	54.00	-5.25	Average
	2	2500.00	33.18	27.40	4.04	37.26	20.00	47.36	54.00	-6.64	Average
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483.49	41.28	27.43	4.03	37.26	20.00	55.48	74.00	-18.52	Peak
	_										

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Туре		802.11	g	Test ch	annel	CH0)1	Po	olarity		Horizontal
			n4:	A-4	Cable			1	Limit	0	Remark
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	dB	Preamp dB	Aux dB	Level dBuV/m	dBuV/m	Over limit	Kemark
	1	2310.00	28.58	27.96	3.89		20.00	42.87		-11.13	Average
	2	2390.01	30.17	27.72	3.99	37.45	20.00	44.43	54.00	-9.57	Average
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB .	dB	dBuV/m	dBuV/n	n limi	it
	1	2310.00	40.47	27.96	3.89	37.56	20.00	54.76	74.00	-19.2	24 Peak
	2	2390.01	45.99	27.72	3.99	37.45	20.00	60.25	74.00	-13.7	75 Peak
Туре		802.11	g	Test ch	annel	CHO)1	Po	olarity		Vertical
Туре		802.11	g	Test ch	nannel	CH0)1	Po	olarity		Vertical
Туре	 Mark	802.11	g Reading	Test ch	nannel Cable	CH0 Preamp	11 Aux	Po	olarity	 Over	Vertical Remark
Туре	Mark									Over limit	Remark
Туре	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit dBuV/m		Remark
Туре		Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m 54.00	limit	Remark Average
Type	1 2	Frequency MHz 2310.00	Reading dBuV/m 28.78 31.03	Antenna dB 27.96	Cable dB 3.89 3.99	Preamp dB 37.56 37.45	Aux dB 20.00 20.00	Level dBuV/m 43.07 45.29	Limit dBuV/m 54.00 54.00	limit -10.93 -8.71	Remark Average Average
Type	1	Frequency MHz 2310.00	Reading dBuV/m 28.78	Antenna dB 27.96	Cable dB 3.89	Preamp dB 37.56	Aux dB 20.00	Level dBuV/m 43.07	Limit dBuV/m 54.00	limit -10.93	Remark Average Average Remark
Type	1 2	Frequency MHz 2310.00 2390.01 Frequency	Reading dBuV/m 28.78 31.03	Antenna dB 27.96 27.72	Cable dB 3.89 3.99	Preamp dB 37.56 37.45	Aux dB 20.00 20.00	Level dBuV/m 43.07 45.29	Limit dBuV/m 54.00 54.00	limit -10.93 -8.71 Over	Remark Average Average Remark

Туре		802.1	1g	Test ch	nannel	CH ²	1	Po	olarity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	45.20	27.43	4.03	37.26	20.00	59.40	74.00	-14.60	
	2	2500.00	40.19	27.40	4.04	37.26	20.00	54.37	74.00	-19.63	Peak
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB	dB .	dB	dBuV/m	dBuV/m	limit	
	1	2483.49	29.80	27.43	4.03	37.26	20.00	44.00	54.00	-10.00	Average
	2	2500.00	28.49	27.40	4.04	37.26	20.00	42.67	54.00	-11.33	Average
Туре		802.11	1g	Test ch	nannel	CH1	1	Po	olarity		Vertical
			D11								
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	46.17	27.43	4.03	37.26	20.00	60.37	74.00	-13.63	
	2	2500.00	40.22	27.40	4.04	37.26	20.00	54.40	74.00	-19.60	
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
	Hark	MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	Nelliul K
	1	2483.49	30.10	27.43	4.03	37.26	20.00	44.30		-9.70	Average
	2	2500.00	28.61	27.40	4.04	37.26	20.00	42.79	54.00	-11.21	

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Туре		802.1	1n(HT20)	Test cl	nannel	CH	01	P	olarity	Horizontal
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit Over	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m limi	it
	1	2310.00	40.45	27.96	3.89	37.56	20.00	54.74	74.00 -19.2	26 Peak
	2	2390.01	47.70	27.72	3.99	37.45	20.00	61.96	74.00 -12.0)4 Peak
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit Over	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m limit	
	1	2310.00	28.68	27.96	3.89	37.56	20.00	42.97	54.00 -11.03	Average
	2	2390.01	30.25	27.72	3.99	37.45	20.00	44.51	54.00 -9.49	Average
Туре		802.1	1n(HT20)	Test cl	nannel	CH	01	Р	olarity	Vertical
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit Ove	r Remark
	nark	MHz	dBuV/m	dB	dB	dB	dB	dBuV/m		
	1	2310.00	40.84	27.96	3.89	37.56	20.00		74.00 -18.	
	2	2390.01	45.43	27.72	3.99	37.45	20.00		74.00 -14.	
					C-1-1-					
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit Over dBuV/m limit	Remark
	1	2310.00	28.69	27.96	3.89	37.56	20.00	42.98	54.00 -11.02	Average
	2	2390.01	30.36	27.72	3.99	37.45	20.00	44.62	54.00 -9.38	Average

Туре		802.11	In(HT20)	Test ch	nannel	CH1	1	Po	larity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	30.66	27.43	4.03	37.26	20.00	44.86	54.00	-9.14	Average
	2	2500.00	28.63	27.40	4.04	37.26	20.00	42.81	54.00	-11.19	Average
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB .	dB	dBuV/m	dBuV/m	limit	
	1	2483.49	46.26	27.43	4.03	37.26	20.00	60.46	74.00	-13.54	Peak
	2	2500.00	41.50	27.40	4.04	37.26	20.00	55.68	74.00	-18.32	Peak
Туре	802.11n(HT20)		Test ch	Test channel CH11			Polarity			Vertical	
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	30.63	27.43	4.03	37.26	20.00	44.83	54.00	-9.17	Average
	2	2500.00	28.60	27.40	4.04	37.26	20.00	42.78	54.00	-11.22	Average
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483.49	45.41	27.43	4.03	37.26	20.00	59.61			
	2	2500.00	40.29	27.40	4.04	37.26	20 00	54.47	74.00	-19.53	Donk

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5.10. Radiated Spurious Emission

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

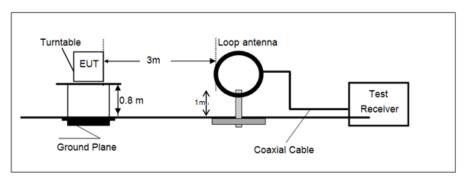
Frequency	Limit (dBuV/m)	Value
0.009 MHz ~0.49 MHz	2400/F(kHz) @300m	Quasi-peak
0.49 MHz ~ 1.705 MHz	24000/F(kHz) @30m	Quasi-peak
1.705 MHz ~30 MHz	30 @30m	Quasi-peak

Note: Limit dBuV/m @3m = Limit dBuV/m @300m + 40*log(300/3) = Limit dBuV/m @300m +80, Limit dBuV/m @3m = Limit dBuV/m @30m +40*log(30/3) = Limit dBuV/m @30m + 40.

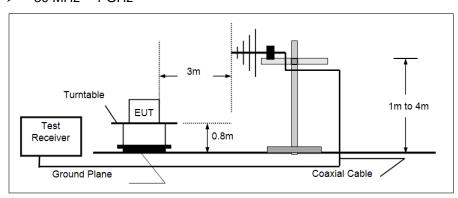
Frequency	Limit (dBuV/m @3m)	Value		
30MHz~88MHz	40.00	Quasi-peak		
88MHz~216MHz	43.50	Quasi-peak		
216MHz~960MHz	46.00	Quasi-peak		
960MHz~1GHz	54.00	Quasi-peak		
Above 1GHz	54.00	Average		
Above 1GHz	74.00	Peak		

TEST CONFIGURATION

→ 9 kHz ~ 30 MHz

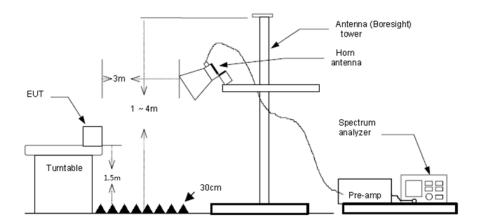


> 30 MHz ~ 1 GHz



Above 1 GHz

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TEST PROCEDURE

- The EUT was setup and tested according to ANSI C63.10.
- 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
 - a) Span shall wide enough to fully capture the emission being measured;
 - b) 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.
 - Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement:

- VBW=10Hz, When duty cycle is no less than 98 percent
- VBW≥1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation, so refer to this clasue 5.6 duty cycle.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

□ Passed □ Not Applicable

Note:

- 1) Level= Reading + Factor/Transd; Factor/Transd = Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- 3) Average measurement was not performed if peak level is lower than average limit(54 dBuV/m) for above 1GHz.

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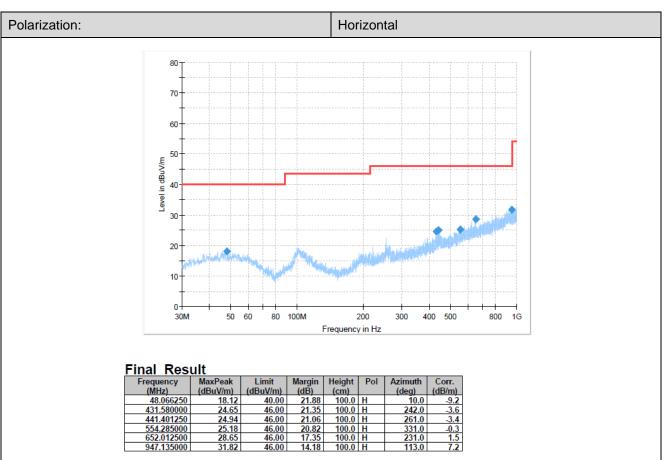
For 9 kHz ~ 30 MHz

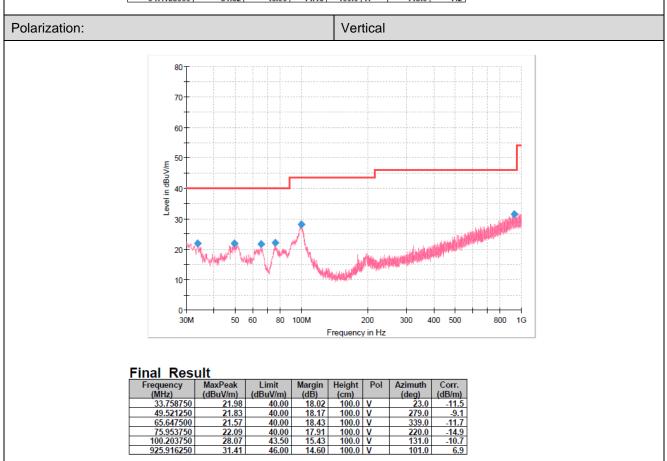
The EUT was pre-scanned this frequency band, found the radiated level 20dB lower than the limit, so don't show data on this report.

For 30 MHz ~ 1000 MHz

Have pre-scan all test channel, found CH06 of 802.11B which it was worst case, so only show the worst case's data on this report.

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For 1 GHz ~ 25 GHz

Туре		802.11b		Tes	st channel		CH01		Polarity		Horizontal
	Mark	Frequency MHz	Readin dBuV/	_	Antenna dB	Cable dB	Pream dB	p Leve		Over limit	Remark
	1	4821.76	42.99	H	31.40	5.74	35.24	44.89	74.00	-29.11	Peak
	2	7245.81	40.17		36.41	7.26	34.06	49.78	74.00	-24.22	Peak
	3	9784.47	37.77		39.60	8.44	36.17	49.64	74.00	-24.36	Peak
	4	11428.08	37.15		40.68	9.41	36.41	50.83	74.00	-23.17	Peak
Type		802.11b		Tes	st channel		CH01		Polarity		Vertical
	Mark	Frequency	Readi	ng	Antenna	Cab1	e Prea	mp Leve	el Limit	0ver	Remark
		MHz	dBuV		dB	dB	dB	dBuV,			
	1	4821.76	41.41	,	31.40	5.74			74.00		
	2	7245.81	40.59		36.41	7.26		50.20	74.00		
	3	9710.03	38.03		39.60	8.43			74.00		
	4	11486.41	36.62		40.86	9.45		50.55	74.00		
Туре		802.11b		Te	st channel		CH06		Polarity		Horizontal
	Mark	Frequency	Readi	ng	Antenna	Cab1	e Pream	np Leve	l Limit	0ver	Remark
		MHz	dBuV		dB	dB	dB	dBuV/			
	1	5047.83	38.12		32.19	5.85		40.79	74.00	-33.21	Peak
	2	7301.36	36.35		36.40	7.30		45.93	74.00	-28.07	Peak
	3	8104.56	35.48		37.18	7.67		47.00	74.00	-27.00	Peak
	4	11399.03	35.79		40.60	9.39		49.35	74.00	-24.65	Peak
Туре		802.11b		Te	st channel		CH06		Polarity		Vertical
	Mark	Frequency	Readin	g	Antenna	Cable	Preamp	Level	Limit	Over	Remark
		MHz	dBuV/		dB	dB	dB	dBuV/m		limit	Transfer II
	1	4834.05	38.53		31.40	5.76	35.20	40.49	74.00	-33.51	Peak
	2	7338.62	36.58		36.48	7.30	34.08	46.28	74.00	-27.72	Peak
	3	9685.35	37.53		39.54	8.46	36.65	48.88	74.00	-25.12	Peak
	4	11486.41	35.29		40.86	9.45	36.38	49.22	74.00	-24.78	Peak
Туре		802.11b		Tes	st channel		CH11		Polarity		Horizontal
	Mark	Frequency	Readi	ng	Antenna	Cab1	e Pream	p Leve	l Limit	Over	Remark
		MHz	dBuV		dB	dB	dB	dBuV/			
	1	4920.96	41.17		31.44	5.85		43.25	74.00	-30.75	Peak
	2	7394.88	39.18		36.59	7.30		49.05	74.00	-24.95	Peak
	3	9809.40	37.78		39.58	8.46		49.63	74.00	-24.37	Peak
	4	11486.41	36.66		40.86	9.45		50.59	74.00	-23.41	Peak
Туре		802.11b		Te	st channel		CH11		Polarity		Vertical
<u>-</u> -		· 									
	Mark	Frequency	Readi	ng	Antenna	Cab1	e Prear	np Leve	l Limit	Over	Remark
		MHz	dBuV		dB	dB	dB	dBuV/			
	1	4920.96	40.08		31.44	5.85		42.16	74.00	-31.84	
	2	7301.36	36.96		36.40	7.30		46.54	74.00		
	3	9809.40	36.99		39.58	8.46			74.00		
	4	11428.08	35.88		40.68	9.41			74.00		

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Туре		802.11g		Test channel	C	CH01		Polarity		Horizontal
-					C-h1-		1		0	
	Mark	Frequency MHz	Readi dBuV		Cable dB	Preamp dB	Level dBuV/m		Over limit	Remark
	1	5034.99	37.07		5.84	35.34	39.68	74.00	-34.32	Peak
	2	7961.43	35.80		7.58		47.01	74.00	-26.99	Peak
	3	9809.40	36.68		8.46	36.19	48.53	74.00	-25.47	Peak
	4	11341.14	36.19		9.36	36.46	49.57	74.00	-24.43	Peak
Туре		802.11g		Test channel	C	CH01		Polarity		Vertical
-										
	Mark	Frequency	Readir	ng Antenna	Cable	Preamp	Level	Limit	Over	Remark
		MHz	dBuV,	/m dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	4234.72	39.60	30.17	5.54	36.08	39.23	74.00	-34.77	Peak
	2	5732.97	38.78	31.90	6.54	34.85	42.37	74.00	-31.63	Peak
	3	8022.46	35.78	37.14	7.62	33.31	47.23	74.00	-26.77	Peak
	4	11486.41	36.45	40.86	9.45	36.38	50.38	74.00	-23.62	Peak
Туре		802.11g		Test channel	C	CH06		Polarity		Horizontal
7										
	Mark	Frequency	Readi	ng Antenna	Cable	Preamp	Level	Limit	Over	Remark
		MHz	dBuV		dB	dB	dBuV/m	dBuV/m	limit	
	1	3634.91	41.57	29.40	4.94	37.00	38.91	74.00	-35.09	Peak
	2	5060.69	38.16		5.87	35.41	40.82	74.00	-33.18	Peak
	3	8145.93	35.88		7.70	33.40	47.20	74.00	-26.80	Peak
	4	10507.31	37 00		-					m 17.18.
	2000	10307.31	37.98	40.01	8.99	37.08	49.90	74.00	-24.10	Peak
Туре	-	802.11g	37.98	Test channel		37.08 CH06	49.90	74.00 Polarity	-24.10	Vertical
Туре		802.11g		Test channel	C	CH06		Polarity		Vertical
Туре	Mark	802.11g	Readi	Test channel	Cable	CH06 Preamp	Level	Polarity L Limit	0ver	Vertical
Туре	Mark	802.11g Frequency MHz	Readi dBu\	Test channel	Cable	CH06 Preamp	Level dBuV/r	Polarity Limit dBuV/m	Over limit	Vertical Remark
Type	Mark 1	802.11g Frequency MHz 4117.79	Readi dBu\	Test channel	Cable dB 5.27	Preamp dB 36.28	Level dBuV/r 40.98	Polarity Limit dBuV/m 74.00	Over limit -33.02	Vertical Remark Peak
Туре	Mark 1 2	802.11g Frequency MHz 4117.79 6203.70	Readi dBu\ 41.99	Test channel	Cable dB 5.27 6.68	Preamp dB 36.28 34.63	Level dBuV/r 40.98 42.92	Polarity Limit n dBuV/m 74.00 74.00	Over limit -33.02	Vertical Remark Peak Peak
Туре	Mark 1	802.11g Frequency MHz 4117.79	Readi dBu\	Test channel ing Antenna //m dB 9 30.00 5 32.81 5 37.20	Cable dB 5.27	Preamp dB 36.28	Level dBuV/r 40.98	Polarity Limit dBuV/m 74.00	Over limit -33.02	Vertical Remark Peak Peak Peak Peak
	Mark 1 2 3	802.11g Frequency MHz 4117.79 6203.70 8083.96	Readi dBu\ 41.99 38.06	Test channel ing Antenna //m dB 9 30.00 5 32.81 5 37.20	Cable dB 5.27 6.68 7.66 8.99	Preamp dB 36.28 34.63 33.32	Level dBuV/n 40.98 42.92 47.70	Polarity Limit n dBuV/m 74.00 74.00 74.00	Over limit -33.02 -31.08 -26.30	Vertical Remark Peak Peak Peak Peak
	Mark 1 2 3	802.11g Frequency MHz 4117.79 6203.70 8083.96 10480.59	Readi dBu\ 41.99 38.06	Test channel Ing Antenna //m dB 30.00 32.81 37.20 39.98	Cable dB 5.27 6.68 7.66 8.99	Preamp dB 36.28 34.63 33.32 37.12	Level dBuV/n 40.98 42.92 47.70	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00	Over limit -33.02 -31.08 -26.30	Vertical Remark Peak Peak Peak Peak Peak
	Mark 1 2 3 4	Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g	Read: dBu\ 41.99 38.06 36.16 38.65	Test channel Ing Antenna I/m dB 30.00 32.81 37.20 39.98 Test channel	Cable dB 5.27 6.68 7.66 8.99	Preamp dB 36.28 34.63 33.32 37.12	Level dBuV/n 40.98 42.92 47.70 50.50	Polarity L Limit n dBuV/m 74.00 74.00 74.00 74.00 Polarity	Over limit -33.02 -31.08 -26.30 -23.50	Vertical Remark Peak Peak Peak Peak Peak Peak
	Mark 1 2 3	Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g	Read: dBu\ 41.99 38.06 38.65	Test channel Ing Antenna Id B 30.00 32.81 37.20 39.98 Test channel	Cable dB 5.27 6.68 7.66 8.99	Preamp dB 36.28 34.63 33.32 37.12	Level dBuV/n 40.98 42.92 47.70 50.50	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 Polarity	Over limit -33.02 -31.08 -26.30 -23.50	Vertical Remark Peak Peak Peak Peak Peak Peak Remark
	Mark 1 2 3 4	Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g	Read: dBuV 41.99 36.16 38.69	Test channel Ling Antenna //m dB 30.00 32.81 37.20 39.98 Test channel Ing Antenna /m dB	Cable dB 5.27 6.68 7.66 8.99	Preamp dB 36.28 34.63 33.32 37.12 CH11	Levei dBuV/n 40.98 42.92 47.70 50.50 Levei dBuV/n	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit n dBuV/m	Over limit -33.02 -31.08 -26.30 -23.50 Over limit	Vertical Remark Peak Peak Peak Peak Peak Peak Remark
	Mark 1 2 3 4	Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82	Readi dBuV 41.99 36.16 38.69 Readin dBuV,	Test channel Ling Antenna //m dB 30.00 32.81 37.20 39.98 Test channel Ing Antenna /m dB 29.36	Cable dB 5.27 6.68 7.66 8.99 C	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit n dBuV/m 74.00	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31	Vertical Remark Peak Peak Peak Peak Horizontal Remark Peak
	Mark 1 2 3 4	Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82 4920.96	Readi dBuV 41.99 38.00 36.10 38.69 Readi dBuV 41.30 38.47	Test channel Ing Antenna I/m dB 30.00 32.81 37.20 39.98 Test channel Ing Antenna	Cable dB 5.27 6.68 7.66 8.99 C	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88 35.21	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69 40.55	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit n dBuV/m 74.00 74.00	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31 -33.45	Vertical Remark Peak Peak Peak Horizontal Remark Peak Peak
	Mark 1 2 3 4	Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82	Readi dBuV 41.99 36.16 38.69 Readin dBuV,	Test channel Ing Antenna I/m dB 30.00 32.81 37.20 39.98 Test channel Ing Antenna Ing	Cable dB 5.27 6.68 7.66 8.99 C	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit n dBuV/m 74.00	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31	Vertical Remark Peak Peak Peak Horizontal Remark Peak Peak Peak
Туре	Mark 1 2 3 4 Mark 1 2 3 4	802.11g Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82 4920.96 7721.91	Readi dBuV 41.99 38.00 36.10 38.69 Readi dBuV 41.30 38.47 36.34	Test channel Ing Antenna I/m dB 30.00 32.81 37.20 39.98 Test channel Ing Antenna Ing	Cable dB 4.91 5.85 7.42 9.07	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88 35.21 33.16	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69 40.55 47.04	Polarity Limit n dBuv/m 74.00 74.00 74.00 74.00 Telestant limit n dBuv/m 74.00 74.00 Telestant n dBuv/m 74.00 74.00 74.00 74.00 74.00	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31 -33.45 -26.96	Vertical Remark Peak Peak Peak Horizontal Remark Peak Peak Peak
Туре	Mark 1 2 3 4 Mark 1 2 3 4	802.11g Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82 4920.96 7721.91 10778.21	Readi dBuV 41.99 38.00 36.10 38.69 Readi dBuV 41.30 38.47 36.34	Test channel Ing Antenna I/m dB 30.00 32.81 37.20 39.98 Test channel Ing Antenna Ing An	Cable dB 4.91 5.85 7.42 9.07	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88 35.21 33.16 36.85	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69 40.55 47.04	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31 -33.45 -26.96	Vertical Remark Peak Peak Peak Horizontal Remark Peak Peak Peak Peak
Туре	Mark 1 2 3 4 Mark 1 2 3 4	802.11g Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82 4920.96 7721.91 10778.21 802.11g	Readi 41.9 38.05 36.16 38.65 Readi 41.30 38.47 36.34 36.47	Test channel Ing Antenna Id B Id 30.00 Id 32.81 Id 37.20 Id 39.98 Test channel Ing Antenna Id B Id 29.36 Id 31.44 Id 36.44 Id 40.26 Test channel	Cable dB 5.27 6.68 8.99 CCable dB 4.91 5.85 7.42 9.07	Preamp dB 36.28 34.63 37.12 CH11 Preamp dB 36.88 35.21 33.16 36.85 CH11	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69 40.55 47.04 48.95	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31 -33.45 -25.05	Vertical Remark Peak Peak Peak Peak Peak Peak Peak P
Туре	Mark 1 2 3 4 Mark 1 2 3 4	802.11g Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82 4920.96 7721.91 10778.21 802.11g	Readi 41.99 38.09 36.16 38.69 Readi 41.30 38.47 36.34 36.47	Test channel Ing Antenna Id B Id 30.00 Id 32.81 Id 37.20 Id 39.98 Test channel Ing Antenna Id B Id 29.36 Id 31.44 Id 36.44 Id 40.26 Test channel Ing Antenna Id B Id I	Cable dB 4.91 5.85 7.42 9.07 Cable	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88 35.21 33.16 36.85 CH11	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69 40.55 47.04 48.95	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.01 Polarity Polarity Limit n dBuV/m 74.00 74.00 74.00 This is a second or a se	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31 -33.45 -26.96 -25.05	Vertical Remark Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pe
Туре	Mark 1 2 3 4 Mark 1 2 3 4	802.11g Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82 4920.96 7721.91 10778.21 802.11g	Readi dBuV 41.99 38.09 36.16 38.69 Readir dBuV, 41.30 38.47 36.34 36.47	Test channel Ing Antenna Id B Id 30.00 Id 32.81 Id 37.20 Id 39.98 Test channel Ing Antenna Id B Id 29.36 Id 31.44 Id 36.44 Id 40.26 Test channel Ing Antenna Id B Id Antenna I	Cable dB 4.91 5.85 7.42 9.07 Cable dB	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88 35.21 33.16 36.85 CH11	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69 40.55 47.04 48.95	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 This is a second of the second	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31 -33.45 -26.96 -25.05	Vertical Remark Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pe
Type Type Type -	Mark 1 2 3 4 Mark 1 2 3 4	802.11g Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82 4920.96 7721.91 10778.21 802.11g	Readi dBuV 41.99 38.06 36.16 38.69 Readi dBuV, 41.30 38.47 36.34 36.47	Test channel Ing Antenna Id B 30.00 32.81 37.20 39.98 Test channel Ing Antenna Ing Antenna Id B 29.36 31.44 36.44 40.26 Test channel Ing Antenna	Cable dB 4.91 5.85 7.42 9.07 Cable dB 5.25	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88 35.21 33.16 36.85 CH11 Preamp dB 36.31	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69 40.55 47.04 48.95	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 10 11 11 11 11 11 11 11 11 11 11 11 1	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31 -33.45 -26.96 -25.05	Vertical Remark Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pe
Туре	Mark 1 2 3 4 Mark 1 2 3 4	802.11g Frequency MHz 4117.79 6203.70 8083.96 10480.59 802.11g Frequency MHz 3579.82 4920.96 7721.91 10778.21 802.11g	Readi dBuV 41.99 38.09 36.16 38.69 Readir dBuV, 41.30 38.47 36.34 36.47	Test channel Ing Antenna Id B Id 30.00 Id 32.81 Id 37.20 Id 39.98 Test channel Ing Antenna Id B 29.36 31.44 36.44 40.26 Test channel Ing Antenna Ing Antenna Id B 29.99 31.98	Cable dB 4.91 5.85 7.42 9.07 Cable dB	Preamp dB 36.28 34.63 33.32 37.12 CH11 Preamp dB 36.88 35.21 33.16 36.85 CH11	Level dBuV/n 40.98 42.92 47.70 50.50 Level dBuV/n 38.69 40.55 47.04 48.95	Polarity Limit n dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 This is a second of the second	Over limit -33.02 -31.08 -26.30 -23.50 Over limit -35.31 -33.45 -26.96 -25.05	Vertical Remark Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pe

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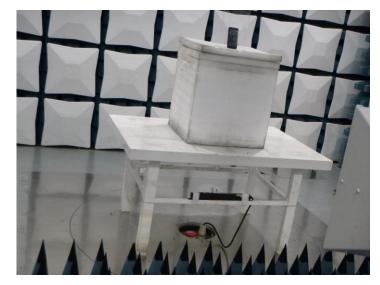
Туре		802.11n(HT	20)	Test channe	el	CH01		Polarity		Horizon	tal
-	Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	 L Limit	0ver	Remark	
	TIGIT K	MHz	dBuV/n	•	dB	dB	dBuV/n		limit		
	1	4821.76	39.50	31.40	5.74	35.24	41.40	74.00	-32.60		
	2	7245.81	39.12	36.41	7.26	34.06	48.73	74.00	-25.27		
	3	9859.47	38.44	39.50	8.55	36.65	49.84	74.00	-24.16		
	4	11312.31	37.22	40.42	9.34	36.48	50.50	74.00	-23.50		
	-	11312.31	37.22	40.42	9.54	30.40	30.30	74.00	-23.30	reak	
Туре		802.11n(HT	20)	Test channe	el	CH01		Polarity		Vertical	
-	Mark	Engage	Reading	g Antenna	Cable	Preamp	Level	Limit	Over	Remark	7.0
	ridi'K	Frequency MHz	dBuV/		dB	dB	dBuV/m		limit	Remark	
						35.24	17.5	173		Peak	
	1	4821.76	41.32	31.40	5.74		43.22	74.00	-30.78		
	2	7245.81	39.39	36.41	7.26	34.06	49.00	74.00	-25.00	Peak	
	3	9759.59	37.06	39.60	8.44	36.29	48.81	74.00	-25.19	Peak	
	4	11370.05	37.00	40.54	9.38	36.45	50.47	74.00	-23.53	Peak	
Туре		802.11n(HT	20)	Test channe	el	CH06		Polarity		Horizon	tal
Mark	Fre	quency Rea	ading	Antenna	Cable	Prea	mp Le	evel Li	mit	Over	Remark
	M	Hz di	BuV/m	dB	dB	dB	dBu	JV/m dB	uV/m	limit	
1			.12	32.19	5.85	35.37				-33.21	Peak
2			. 35	36.40	7.30	34.12				-28.07	Peak
3	810	4.56 35	.48	37.18	7.67	33.33		74	.00	-27.00	Peak
4	1139	9.03 35	.79	40.60	9.39	36.43	49.35	74	.00	-24.65	Peak
Туре		802.11n(HT	20)	Test channe	N.	CH06		Polarity		Vertical	
		00=:::(:::	_0,	1 CSt Charm	71	C1 100		i Clarity		VCHICAI	
					ξI	C1 100				vertical	
	Mark						Level		 Over	Remark	
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Level dBuV/m	Limit			
		Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	dBuV/m	Limit dBuV/m	limit	Remark	
	1	Frequency MHz 3525.56	Reading dBuV/m 44.12	Antenna dB 29.20	Cable dB 4.83	Preamp dB 36.71	dBuV/m 41.44	Limit dBuV/m 74.00	limit -32.56	Remark Peak	
	1 2	Frequency MHz 3525.56 4871.10	Reading dBuV/m 44.12 40.85	Antenna dB 29.20 31.40	Cable dB 4.83 5.82	Preamp dB 36.71 35.16	dBuV/m 41.44 42.91	Limit dBuV/m 74.00 74.00	limit -32.56 -31.09	Remark Peak Peak	
	1 2 3	Frequency MHz 3525.56 4871.10 7981.72	Reading dBuV/m 44.12 40.85 36.57	Antenna dB 29.20 31.40 37.03	Cable dB 4.83 5.82 7.60	Preamp dB 36.71 35.16 33.31	dBuV/m 41.44 42.91 47.89	Limit dBuV/m 74.00 74.00 74.00	limit -32.56 -31.09 -26.11	Remark Peak Peak Peak	
	1 2	Frequency MHz 3525.56 4871.10 7981.72 11341.14	Reading dBuV/m 44.12 40.85 36.57 36.46	Antenna dB 29.20 31.40 37.03 40.48	Cable dB 4.83 5.82 7.60 9.36	Preamp dB 36.71 35.16 33.31 36.46	dBuV/m 41.44 42.91	Limit dBuV/m 74.00 74.00 74.00 74.00	limit -32.56 -31.09	Remark Peak Peak Peak Peak	
Туре	1 2 3	Frequency MHz 3525.56 4871.10 7981.72	Reading dBuV/m 44.12 40.85 36.57 36.46	Antenna dB 29.20 31.40 37.03	Cable dB 4.83 5.82 7.60 9.36	Preamp dB 36.71 35.16 33.31	dBuV/m 41.44 42.91 47.89	Limit dBuV/m 74.00 74.00 74.00	limit -32.56 -31.09 -26.11	Remark Peak Peak Peak	tal
Type -	1 2 3	Frequency MHz 3525.56 4871.10 7981.72 11341.14	Reading dBuV/m 44.12 40.85 36.57 36.46	Antenna dB 29.20 31.40 37.03 40.48 Test channe	Cable dB 4.83 5.82 7.60 9.36	Preamp dB 36.71 35.16 33.31 36.46 CH11	dBuV/m 41.44 42.91 47.89 49.84	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -32.56 -31.09 -26.11	Remark Peak Peak Peak Peak Peak	
Type -	1 2 3 4	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT	Reading dBuV/m 44.12 40.85 36.57 36.46	Antenna dB 29.20 31.40 37.03 40.48 Test channe	Cable dB 4.83 5.82 7.60 9.36	Preamp dB 36.71 35.16 33.31 36.46 CH11	dBuV/m 41.44 42.91 47.89 49.84	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -32.56 -31.09 -26.11 -24.16	Remark Peak Peak Peak Peak Peak Peak	
Type -	1 2 3 4	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT	Reading dBuV/m 44.12 40.85 36.57 36.46	Antenna dB 29.20 31.40 37.03 40.48 Test channe	Cable dB 4.83 5.82 7.60 9.36	Preamp dB 36.71 35.16 33.31 36.46 CH11	dBuV/m 41.44 42.91 47.89 49.84	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -32.56 -31.09 -26.11 -24.16	Remark Peak Peak Peak Peak Peak Remark	
Type -	1 2 3 4 Mark	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Readin dBuV/ 40.78	Antenna dB 29.20 31.40 37.03 40.48 Test channe ag Antenna dB 29.97	Cable dB 4.83 5.82 7.60 9.36 Cabl dB 5.26	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30	dBuV/m 41.44 42.91 47.89 49.84 p Leve dBuV/ 39.71	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29	Remark Peak Peak Peak Peak Peak Horizon	
Type -	1 2 3 4 Mark	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78 6331.33	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Readin dBuV/ 40.78 37.49	Antenna dB 29.20 31.40 37.03 40.48 Test channe m dB 29.97 33.06	Cable Cable Cable Cable Cable Cable Cable Cable Cable	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59	dBuV/m 41.44 42.91 47.89 49.84 p Leve dBuV/ 39.71 42.72	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29 -31.28	Remark Peak Peak Peak Peak Horizon Remark	
Туре	1 2 3 4 Mark	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Readin dBuV/ 40.78	Antenna dB 29.20 31.40 37.03 40.48 Test channe ag Antenna dB 29.97	Cable dB 4.83 5.82 7.60 9.36 Cabl dB 5.26	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59 33.33	dBuV/m 41.44 42.91 47.89 49.84 p Leve dBuV/ 39.71	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29	Remark Peak Peak Peak Horizon Remark 9 Peak Peak Peak Peak	
-	1 2 3 4 Mark 1 2 3	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78 6331.33 7900.86	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Readin dBuV/ 40.78 37.49 35.91 38.33	Antenna dB 29.20 31.40 37.03 40.48 Test channe m dB 29.97 33.06 36.80	Cable 4.83 5.82 7.60 9.36 Cabl dB 5.26 6.76 7.54 8.55	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59 33.33	dBuV/m 41.44 42.91 47.89 49.84 p Leve dBuV/ 39.71 42.72 46.92	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29 -31.28	Remark Peak Peak Peak Horizon Remark 9 Peak Peak Peak Peak	
Type Type -	1 2 3 4 Mark 1 2 3 4	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78 6331.33 7900.86 9859.47 802.11n(HT	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Reading dBuV/ 40.78 37.49 35.91 38.33 20)	Antenna dB 29.20 31.40 37.03 40.48 Test channe dB 29.97 33.06 36.80 39.50 Test channe	Cable dB 4.83 5.82 7.60 9.36 el Cabl dB 5.26 6.76 7.54 8.55	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59 33.33 36.65	dBuV/m 41.44 42.91 47.89 49.84 p Leve dBuV/ 39.71 42.72 46.92 49.73	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29 -27.08 -24.27	Remark Peak Peak Peak Horizon Remark Peak Peak Peak Peak Vertical	
-	1 2 3 4 Mark 1 2 3	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78 6331.33 7900.86 9859.47 802.11n(HT	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Reading dBuV/ 40.78 37.49 35.91 38.33 20)	Antenna dB 29.20 31.40 37.03 40.48 Test channe m dB 29.97 33.06 36.80 39.50 Test channe	Cable dB 4.83 5.82 7.60 9.36 el Cable 6.76 7.54 8.55	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59 33.33 36.65 CH11	dBuV/m 41.44 42.91 47.89 49.84 P Leve dBuV/ 39.71 42.72 46.92 49.73	Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity Polarity	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29 -27.00 -24.21	Remark Peak Peak Peak Peak Horizon Remark Peak Peak Peak Peak Vertical	
-	1 2 3 4 Mark 1 2 3 4	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78 6331.33 7900.86 9859.47 802.11n(HT	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Readin dBuV/ 40.78 37.49 35.91 38.33 20)	Antenna dB 29.20 31.40 37.03 40.48 Test channe m dB 29.97 33.06 36.80 39.50 Test channe g Antenna dB	Cable dB 4.83 5.82 7.60 9.36 el Cable 6.76 7.54 8.55	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59 33.33 36.65 CH11	dBuV/m 41.44 42.91 47.89 49.84 P Leve dBuV/ 39.71 42.72 46.92 49.73	Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 Third multiput mu	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29 -27.00 -24.27	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
-	1 2 3 4 Mark 1 2 3 4	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78 6331.33 7900.86 9859.47 802.11n(HT Frequency MHz 3883.62	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Readin dBuV/ 40.78 37.49 35.91 38.33 20)	Antenna dB 29.20 31.40 37.03 40.48 Test channe dB 29.97 33.06 36.80 39.50 Test channe dB 29.80	Cable dB 4.83 5.82 7.60 9.36 el Cable dB 5.26 6.76 7.54 8.55 el Cable dB 5.17	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59 33.33 36.65 CH11	dBuV/m 41.44 42.91 47.89 49.84 p Leve dBuV/ 39.71 42.72 46.92 49.73 p Leve dBuV/ 38.25	Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 Polarity Limit dBuV/m 74.00 Reserved Limit dBuV/m 74.00 Reserved Limit dBuV/m 74.00 Reserved Limit dBuV/m 74.00	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29 -27.00 -24.27	Remark Peak Peak Peak Peak Horizon Remark Peak Peak Peak Peak Peak Peak Remark Peak Peak Peak Peak	
-	1 2 3 4 Mark 1 2 3 4	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78 6331.33 7900.86 9859.47 802.11n(HT Frequency MHz 3883.62 4809.50	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Readin dBuV/ 40.78 37.49 35.91 38.33 20) Readin dBuV/ 40.04 38.98	Antenna dB 29.20 31.40 37.03 40.48 Test channe dB 29.97 33.06 36.80 39.50 Test channe dB 29.80 31.40	Cable 4.83 5.82 7.60 9.36 E Cable 6.76 7.54 8.55 Cable 6.76 7.72	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59 33.33 36.65 CH11	dBuV/m 41.44 42.91 47.89 49.84 p Leve dBuV/ 39.71 42.72 46.92 49.73 p Leve dBuV/ 38.25 40.82	Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29 -27.08 -24.25 Over limit -35.79 -33.18	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
-	1 2 3 4 Mark 1 2 3 4	Frequency MHz 3525.56 4871.10 7981.72 11341.14 802.11n(HT Frequency MHz 4034.78 6331.33 7900.86 9859.47 802.11n(HT Frequency MHz 3883.62	Reading dBuV/m 44.12 40.85 36.57 36.46 20) Readin dBuV/ 40.78 37.49 35.91 38.33 20)	Antenna dB 29.20 31.40 37.03 40.48 Test channe dB 29.97 33.06 36.80 39.50 Test channe dB 29.80	Cable dB 4.83 5.82 7.60 9.36 el Cable dB 5.26 6.76 7.54 8.55 el Cable dB 5.17	Preamp dB 36.71 35.16 33.31 36.46 CH11 e Pream dB 36.30 34.59 33.33 36.65 CH11 e Pream dB 36.76 35.28 33.31	dBuV/m 41.44 42.91 47.89 49.84 p Leve dBuV/ 39.71 42.72 46.92 49.73 p Leve dBuV/ 38.25	Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00	limit -32.56 -31.09 -26.11 -24.16 Over limit -34.29 -27.00 -24.27	Remark Peak Peak Peak Peak Peak Peak Peak Pea	

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6. TEST SETUP PHOTOS

Radiated Emission







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AC Conducted Emission



7. EXTERNAL AND INTERNAL PHOTOS

Refer to the test report No.: CHTEW22090166

8. APPENDIX REPORT