TEST REPORT

For WiFi-2.4GHz Band

eport No::	CHTEW22040064	Report Verification
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Project No...... SHT2203104801EW

FCC ID.....: 2ASWWCORNG60

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. G60

Listed Model(s)

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

Date of receipt of test sample............ Mar. 28, 2022

Date of testing...... Apr. 01, 2022- Apr. 11, 2022

Date of issue...... Apr. 12, 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	2022-04-12	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.:	G60	
Listed Model(s):	-	
Power supply:	DC 3.85V from battery	
Hardware version:	J527B_31ED3EFM12_D31R	
Software version:	CORN_G60_S62301_V01	
Accessory unit information:		
Battery information:	DC 3.85V,4000mAh	
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, 6	64QAM
Operation frequency:	802.11b/g/n(HT20): 2412MHz~2462MHz		
Channel number:	802.11b/g/n(HT20): 11		
Channel separation:	5MHz		
Antenna technology:	⊠ SISO ☐ MIMO		
Antenna type:	Interna Antenna		
Antenna gain:	1.5dBi		

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 Emission												
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	HTWE0033	ESH3-Z2	100499	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 emission-6th test site											
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	N/A	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	HTWE0120-03	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
•	RF Connection Cable	HUBER+SUHNER	HTWE0121-01	6m 18GHz S Serisa	N/A	2018/09/27	2022/09/26
•	Test Software	Audix	N/A	E3	N/A	N/A	N/A

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•	RF Conducted Method					
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	2021/09/13	2022/09/12
•	Spectrum Analyzer	Agilent	N9020A	MY50510187	2021/09/13	2022/09/12
•	Power Meter	Anritsu	ML249A	N/A	2021/09/13	2022/09/12
0	Radio communication tester	R&S	CMW500	137688-Lv	2021/09/13	2022/09/12

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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

□ Passed	☐ Not Applicable
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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

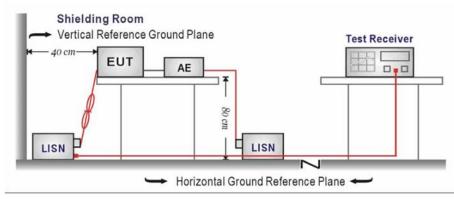
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.207

Frequency range (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 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.

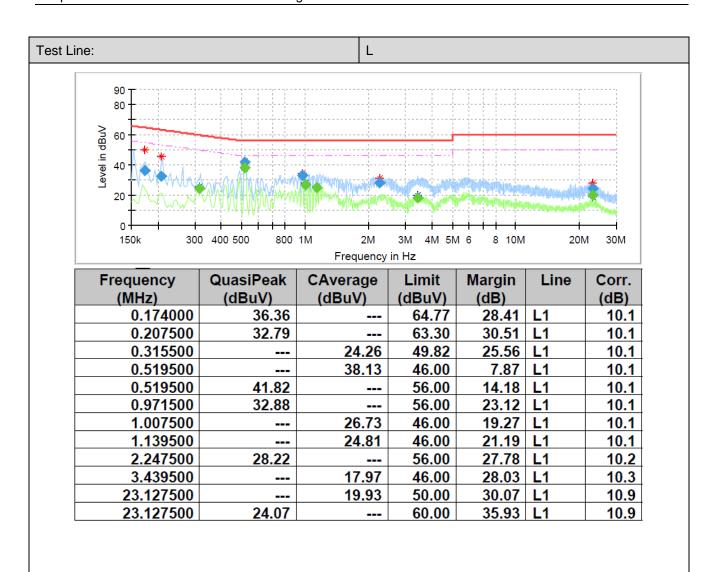
TEST MODE

Please refer to the clause 4.2

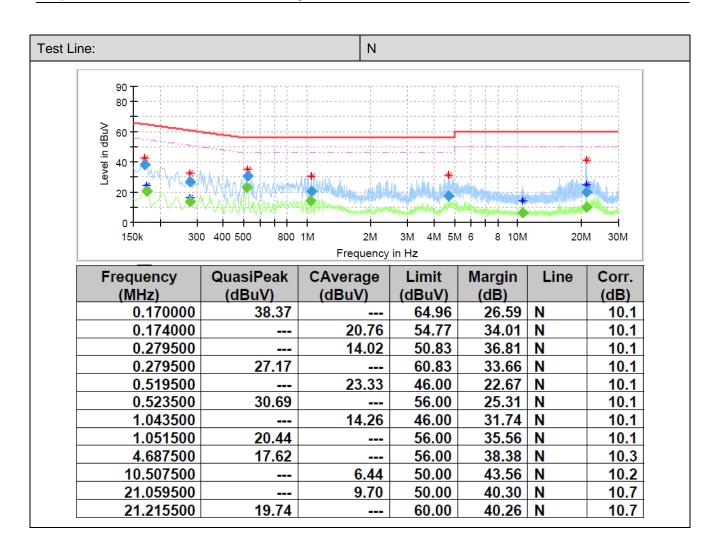
TEST RESULT

□ Passed □ Not Applicable

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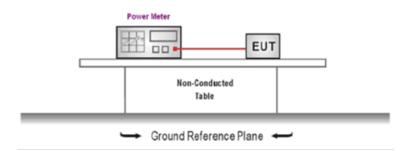
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5.3. Peak Output Power

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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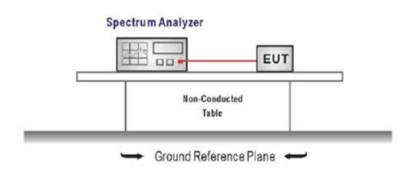
5.4. Power Spectral Density

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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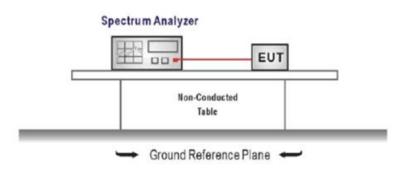
5.5. 6dB bandwidth

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

- 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

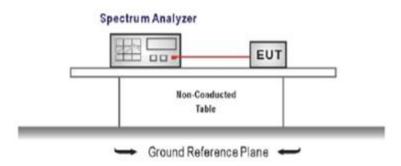
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5.6. 99% Occupied Bandwidth

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

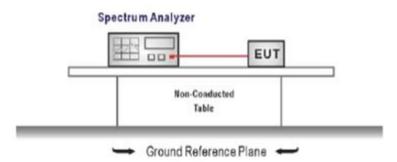
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5.7. Duty Cycle

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

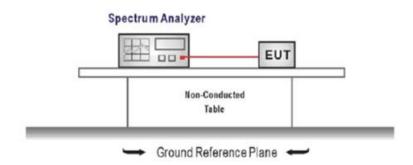
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5.8. Conducted Band edge and Spurious Emission

<u>LIMIT</u>

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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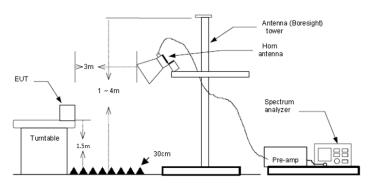
5.9. Radiated Band edge Emission

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		802.11b		Test cha	Test channel		CH01		Polarity	Horizontal
	Mark Fre	quency	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV		ver Remark t
	1 231 2 239	0.00 0.01	37.61 37.53	27.96 27.72	5.43 5.53	37.56 37.45	20.00 20.00		74.00 -20. 74.00 -20.	
	Mark Fre	quency Hz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV	Limit Ov /m dBuV/m limi	ver Remark Lt
	1 231 2 239		32.24 30.83	27.96 27.72	5.43 5.53	37.56 37.45	20.00		8.07 54.00 -5. 6.63 54.00 -7.	•
Туре		802.11b		Test channel CH01			F	Polarity	Vertical	
	Mark Fre	quency Hz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV		ver Remark .t
	1 231 2 239		37.65 37.85	27.96 27.72	5.43 5.53	37.56 37.45	20.00	53.48 53.65	74.00 -20. 74.00 -20.	
	Mark Fre	quency Hz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/	Limit Ov /m dBuV/m limi	er Remark t
	1 231 2 239	0.00 0.01	31.91 31.65	27.96 27.72	5.43 5.53	37.56 37.45	20.00 20.00		7.74 54.00 -6. 7.45 54.00 -6.	26 Average 55 Average

Туре	802.11b		Test cha	nnel	CH11		Polarity	Horizontal	
		Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	dBuV/m dBuV/m li	
	1 2483.49 2 2500.00		31.29 30.71	27.43 27.40	5.64 5.66	37.26 37.26		47.10 54.00 - 46.51 54.00 -	_
	Mark	Frequency	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level Limit dBuV/m dBuV/m li	Over Remark mit
	1 2		37.90 37.86		5.64 5.66	37.26 37.26	20.00		0.29 Peak
Туре		802.11b		Test cha	Test channel CH11			Polarity	Vertical
	Mark	Frequency	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level Limit dBuV/m dBuV/m li	Over Remark mit
			31.40 30.96		5.64 5.66	37.26 37.26	20.00	47.21 54.00 - 46.76 54.00 -	6.79 Average
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level Limit dBuV/m dBuV/m li	Over Remark mit
	1 2	2483.49	39.45 38.24	27.43	5.64 5.66	37.26 37.26	20.00	55.26 74.00 -1 54.04 74.00 -1	8.74 Peak

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Туре	802.11g		Test channel		CH01	CH01		arity	Horizontal	Horizontal	
		equency MHz 10.00	Reading dBuV/m 26.88	Antenna dB 27.96	Cable dB 5.43	Preamp dB 37.56	Aux dB 20.00		Limit 0 dBuV/m lim 71 54.00 -11		
	2 2390.01		26.99	27.72	5.53	37.45					
		equency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m		ver Remark it	,
		310.00 390.01	38.38 37.65	27.96 27.72	5.43 5.53	37.56 37.45	20.00	54.21 53.45			
Туре	802.11g		Test cha	est channel CH01			Pol	arity	Vertical		
-	Mark F	requency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/r	Limit C n dBuV/m lin	over Remark	-
			26.80 27.43	27.96 27.72	5.43 5.53	37.56 37.45	20.00 20.00		.63 54.00 -11 .23 54.00 -10		
-	Mark F	requency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/		over Remark Dit	
		2310.00 2390.01	38.14 39.49	27.96 27.72	5.43 5.53	37.56 37.45	20.00 20.00		74.00 -20 74.00 -18		

Туре		802.1	l1g	Test ch	annel	CH1	1	Pola	arity		Horizontal
-	Mark Fr	equency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over	Remark
	2 24	83.49 84.09	38.68 41.57	27.43 27.43	5.64 5.64	37.26 37.26	20.00	54.49 57.38	74.00 74.00	-19.51 -16.62	Peak
_	3 25	00.00	38.53	27.40	5.66	37.26	20.00	54.33	74.00	-19.67	Peak
	Mark Fr	equency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m		Remark
		83.49 00.00	26.98 26.63	27.43 27.40	5.64 5.66	37.26 37.26	20.00 20.00				Average Average
Туре		802.1	l1g	Test channel CH11		İ	Polarity			Vertical	
-		equency Mz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1 24 2 25		40.83 38.15	27.43 27.40	5.64 5.66	37.26 37.26	20.00 20.00	56.64 53.95	74.00 74.00	-17.36 -20.05	
		equency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
		83.49 00.00	27.07 26.53	27.43 27.40	5.64 5.66	37.26 37.26	20.00	42.88	54.00	-11.12	Average Average

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Туре		802.11	n(HT20)	Test	channel	CHO)1	Pola	arity		Horizontal
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m		
	1		38.02	27.96	5.43	37.56	20.00		74.00		
	2	2390.01	38.51	27.72	5.53	37.45	20.00	54.31	74.00	-19.69) Peak
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2310.00	26.84	27.96	5.43	37.56	20.00	42.67	54.00	-11.33	Average
	2	2390.01	27.07	27.72	5.53	37.45	20.00	42.87	54.00	-11.13	Average
Туре		802.111	n(HT20)	Test o	channel	CHO)1	Pola	arity		Vertical
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	Ove	r Remark
	Hark	MHz	dBuV/m	dB	dB	dB	dB	dBuV/m			
	1		38.77		5.43	37.56	20.00	54.60			
	2			27.72	5.53	37.45	20.00	56.58			
	Mank	Engaugnay	Ponding	Antonna	Cable	Decome	Λιικ	Level	Limit	0ver	Remark
	mar K	Frequency MHz	Reading dBuV/m	Antenna dB	dB	Preamp dB	Aux dB	dBuV/m			Kemark
	1	2310.00	26.82	27.96	5.43	37.56	20.00	42.65	54.00	-11.35	Average

Туре		802.11	n(HT20)	Test	hannel	CH ²	11	Polarity	Horizontal
	Mark	c Frequency	Reading	Antenna	Cable	Preamp	Aux	Level Limit Ove	
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m dBuV/m limit	
	1	2103113	27.46 26.54	27.43 27.40	5.64 5.66	37.26 37.26	20.00	43.27 54.00 -10.7 42.34 54.00 -11.0	
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level Limit Ov	er Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m dBuV/m limi	t
	1	2483.49	40.21	27.43	5.64	37.26	20.00	56.02 74.00 -17.	98 Peak
	2	2500.00	38.79	27.40	5.66	37.26	20.00	54.59 74.00 -19.	41 Peak
Туре		802.111	n(HT20)	Test	channel	CH ²	11	Polarity	Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level Limit Ov dBuV/m dBuV/m limi	
	1		27.78	27.43	5.64	37.26	20.00	43.59 54.00 -10.	
	_	2500.00	26.55	27.40	5.66	37.26	20.00	42.35 54.00 -11.	0
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level Limit Ov	er Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m dBuV/m limi	t
	1	2483.49	40.26	27.43	5.64	37.26	20.00	56.07 74.00 -17.	
	2	2483.57	44.19	27.43	5.64	37.26	20.00	60.00 74.00 -14.	00 Peak

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5.10. Radiated Spurious Emission

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

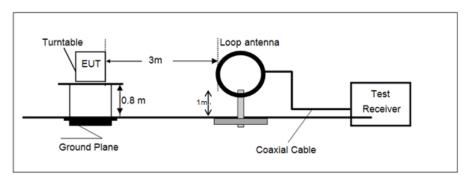
Frequency	Limit (dBuV/m)	Value
0.009 MHz ~0.49 MHz	2400/F(kHz) @300m	Quasi-peak
0.49 MHz ~ 1.705 MHz	24000/F(kHz) @30m	Quasi-peak
1.705 MHz ~30 MHz	30 @30m	Quasi-peak

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.

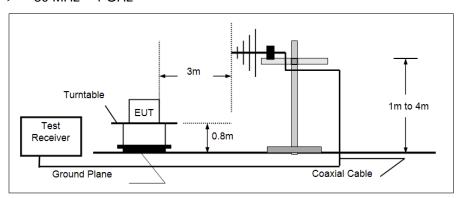
Frequency	Limit (dBuV/m @3m)	Value
30MHz~88MHz	40.00	Quasi-peak
88MHz~216MHz	43.50	Quasi-peak
216MHz~960MHz	46.00	Quasi-peak
960MHz~1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
Above 1GHz	74.00	Peak

TEST CONFIGURATION

→ 9 kHz ~ 30 MHz

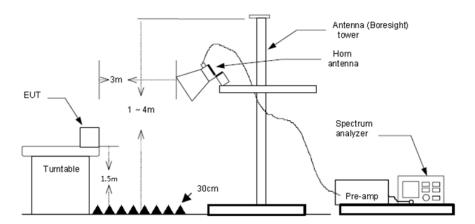


> 30 MHz ~ 1 GHz



Above 1 GHz

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TEST PROCEDURE

- 1. 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.
- 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

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.

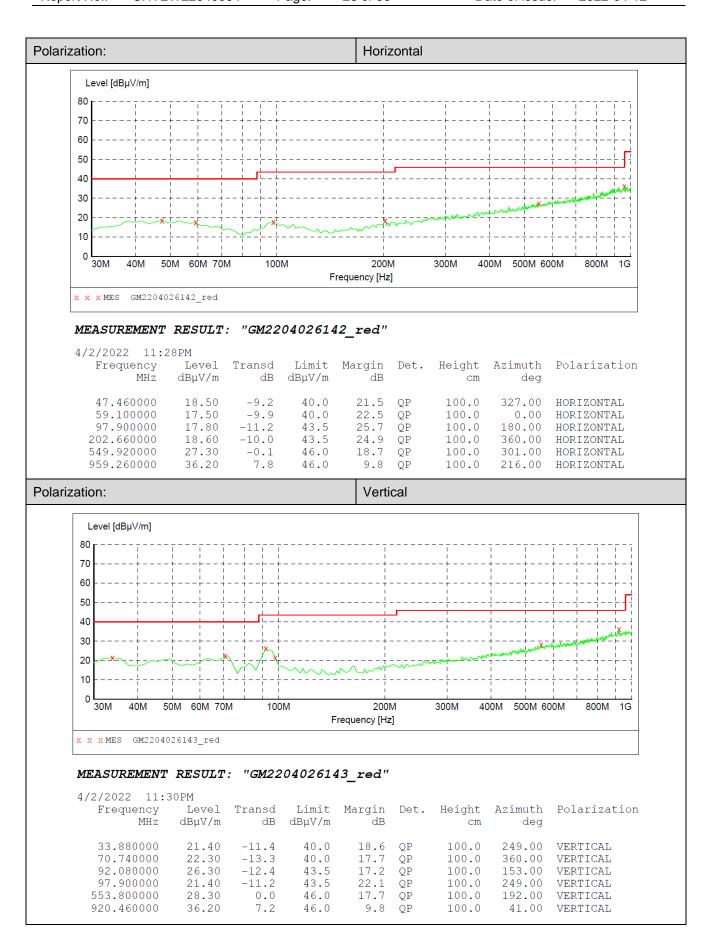
For 9 kHz ~ 30 MHz

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		Test channe	el .	CH01		Polarity		Horizontal	
	Mark	Frequency MHz	Readi dBuV		Cabi	le Preamp dB	Leve dBuV				
	1	1349.75	40.29	26.30	4.1		34.27	74.00	-39.73		
	2	2361.07	40.37	27.78	5.4	9 37.50	36.14	74.00	-37.86	5 Peak	
	3	4825.23	45.42	31.40	8.5		50.10	74.00	-23.90		
	4	7231.75	38.37	36.44	10.0	1 34.04	50.78	74.00	-23.22	2 Peak	
Туре		802.11b		Test channe	l	CH01		Polarity		Vertical	
	Maral.				 C-l-1	le Preamp		1 12-2-			
	Mark	Frequency MHz	Readir dBuV/	•	Cab] dB	dB	Leve dBuV		Over limit		
	1	2277.00	40.44	28.05	5.39		36.40	74.00	-37.60		
	2	2799.39	40.25	28.40	6.04		37.44	74.00	-36.56		
	3	4825.23	45.62	31.40	8.51		50.30	74.00	-23.70		
	4	7231.75	38.26	36.44	10.01		50.67	74.00	-23.33		
Туре		802.11b		Test channe	ı	CH06		Polarity		Horizontal	
	Mark	Frequency	Reading		Cabl		Leve]		0ver		
		MHz	dBuV/r		dB	dB	dBuV,		limit		
	1	1349.75	40.29	26.30	4.10		34.27	74.00	-39.73		
	2	2361.07	40.37	27.78	5.49		36.14	74.00	-37.86		
	3	4874.47	45.93	31.40	8.64		50.81	74.00	-23.19		
	4	7316.14	37.81	36.43	10.05	34.10	50.19	74.00	-23.81	. Peak	
Туре		802.11b		Test channe	: 	CH06		Polarity		Vertical	
Туре											
Type	Mark	Frequency	Readin	ng Antenna	Cab]	le Preamp	Leve	l Limit	0ver	Remark	
Type		Frequency MHz	dBuV/	ng Antenna 'm dB	Cabl	Le Preamp dB	dBuV,	l Limit /m dBuV/m	limit	Remark	
Туре	1	Frequency MHz 2277.00	dBuV/ 40.44	ng Antenna 'm dB 28.05	Cabl dB 5.39	Le Preamp dB 37.48	dBuV, 36.40	l Limit /m dBuV/m 74.00	limit -37.60	Remark	
Туре	1 2	Frequency MHz 2277.00 2799.39	dBuV/ 40.44 40.25	ng Antenna 'm dB 28.05 28.40	Cabl dB 5.39	Le Preamp dB 37.48	dBuV 36.40 37.44	l Limit /m dBuV/m 74.00 74.00	limit -37.60 -36.56	Remark : Peak Peak	
Туре	1 2 3	Frequency MHz 2277.00 2799.39 4874.47	dBuV/ 40.44 40.25 45.71	ng Antenna /m dB 28.05 28.40 31.40	Cabl dB 5.39 6.04	le Preamp dB 37.48 4 37.25 4 35.16	dBuV, 36.40 37.44 50.59	l Limit /m dBuV/m 74.00 74.00 74.00	limit -37.60 -36.56 -23.41	Remark Peak Peak Peak	
Туре	1 2	Frequency MHz 2277.00 2799.39 4874.47 7316.14	dBuV/ 40.44 40.25	ng Antenna 'm dB 28.05 28.40 31.40 36.43	Cabl dB 5.39 6.04 8.64	Le Preamp dB 9 37.48 4 37.25 4 35.16 5 34.10	dBuV 36.40 37.44	l Limit /m dBuV/m 74.00 74.00	limit -37.60 -36.56	Remark Peak Peak Peak Peak	
Туре	1 2 3	Frequency MHz 2277.00 2799.39 4874.47	dBuV/ 40.44 40.25 45.71	ng Antenna /m dB 28.05 28.40 31.40	Cabl dB 5.39 6.04 8.64	le Preamp dB 37.48 4 37.25 4 35.16	dBuV, 36.40 37.44 50.59	l Limit /m dBuV/m 74.00 74.00 74.00	limit -37.60 -36.56 -23.41	Remark Peak Peak Peak	
	1 2 3 4	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b	dBuV/ 40.44 40.25 45.71 37.79	ng Antenna m dB 28.05 28.40 31.40 36.43 Test channe	Cabl dB 5.39 6.04 8.64 10.09	Le Preamp dB 9 37.48 4 37.25 4 35.16 5 34.10 CH11	dBuV 36.40 37.44 50.59 50.17	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00	limit -37.60 -36.56 -23.41 -23.83	Remark Peak Peak Peak Peak Peak Horizontal	
	1 2 3	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency	dBuV/ 40.44 40.25 45.71 37.79	ng Antenna m dB 28.05 28.40 31.40 36.43 Test channe	Cabl dB 5.39 6.04 8.64 10.09	Le Preamp dB 9 37.48 4 37.25 4 35.16 5 34.10 CH11 e Preamp	dBuV, 36.40 37.44 50.59 50.17	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	limit -37.60 -36.56 -23.41 -23.83	Remark Peak Peak Peak Peak Peak Horizontal	
	1 2 3 4	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/	ng Antenna 'm dB 28.05 28.40 31.40 36.43 Test channe g Antenna m dB	Cabl dB 5.39 6.04 8.64 10.09	Le Preamp dB 9 37.48 4 37.25 4 35.16 5 34.10 CH11 e Preamp dB	dBuV, 36.40 37.44 50.59 50.17 Level dBuV,	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity L Limit /m dBuV/m	limit -37.60 -36.56 -23.41 -23.83	Remark Peak Peak Peak Peak Peak Horizontal	
	1 2 3 4	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe g Antenna m dB 26.30	Cabl dB 5.39 6.04 8.64 10.09	Le Preamp dB 9 37.48 4 37.25 4 35.16 5 34.10 CH11 e Preamp dB 36.42	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00	limit -37.60 -36.56 -23.41 -23.83 Over limit -39.73	Remark Peak Peak Peak Peak Peak Remark	
	1 2 3 4	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75 2361.07	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29 40.37	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe g Antenna m dB 26.30 27.78	Cabl dB 5.39 6.04 8.64 10.09	Preamp dB 37.48 37.25 35.16 34.10 CH11 e Preamp dB 36.42 37.50	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27 36.14	l Limit /m dBuV/m 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00 74.00	limit -37.60 -36.56 -23.41 -23.83 Over limit -39.73 -37.86	Remark Peak Peak Peak Peak Remark Remark Peak	
	1 2 3 4	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe g Antenna m dB 26.30	Cabl dB 5.39 6.04 8.64 10.09	Preamp dB 37.48 37.25 35.16 34.10 CH11 e Preamp dB 36.42 37.50 35.21	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00	limit -37.60 -36.56 -23.41 -23.83 Over limit -39.73	Remark Peak Peak Peak Peak Remark Remark Peak Peak Peak Peak Peak Peak	
	1 2 3 4 Mark 1 2 3	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75 2361.07 4924.20	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29 40.37 45.43	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe g Antenna m dB 26.30 27.78 31.45	Cabl 6.04 8.64 10.05 Cabl dB 4.10 5.49 8.74 10.21	Preamp dB 37.48 37.25 35.16 34.10 CH11 e Preamp dB 36.42 37.50 35.21	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27 36.14 50.41	l Limit /m dBuV/m 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00 74.00 74.00 74.00	limit -37.60 -36.56 -23.41 -23.83 Over limit -39.73 -37.86 -23.59	Remark Peak Peak Peak Peak Remark Remark Peak Peak Peak Peak Peak Peak	
Туре	1 2 3 4 Mark 1 2 3	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75 2361.07 4924.20 7380.08	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29 40.37 45.43	ng Antenna m dB 28.05 28.40 31.40 36.43 Test channe g Antenna m dB 26.30 27.78 31.45 36.56	Cabl 6.04 8.64 10.05 Cabl dB 4.10 5.49 8.74 10.21	Le Preamp dB 37.48 37.25 35.16 34.10 CH11 Preamp dB 36.42 37.50 35.21 34.03	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27 36.14 50.41	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00	limit -37.60 -36.56 -23.41 -23.83 Over limit -39.73 -37.86 -23.59	Remark Peak Peak Peak Peak Remark Remark Peak Peak Peak Peak Peak	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75 2361.07 4924.20 7380.08	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29 40.37 45.43 38.02	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe g Antenna m dB 26.30 27.78 31.45 36.56 Test channe	Cabl dB 5.39 6.04 8.64 10.09 Cabl dB 4.10 5.49 8.74 10.21	Le Preamp dB 37.48 37.25 35.16 34.10 CH11	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27 36.14 50.41	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 Polarity	limit -37.60 -36.56 -23.41 -23.83 	Remark Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Vertical	
Туре	1 2 3 4 Mark 1 2 3	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75 2361.07 4924.20 7380.08 802.11b	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29 40.37 45.43	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe m dB 26.30 27.78 31.45 36.56 Test channe	Cabl 6.04 8.64 10.05 Cabl dB 4.10 5.49 8.74 10.21	Le Preamp dB 37.48 4 37.25 4 35.16 5 34.10 CH11 e Preamp dB 36.42 37.50 35.21 34.03 CH11	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27 36.14 50.41	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity Polarity L Limit Limit /m dBuV/m 74.00 74.00 74.00 L Limit /m dBuV/m	limit -37.60 -36.56 -23.41 -23.83 	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75 2361.07 4924.20 7380.08 802.11b	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29 40.37 45.43 38.02	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe m dB 26.30 27.78 31.45 36.56 Test channe	Cabl dB 5.39 6.04 8.64 10.09 Cabl dB 4.10 5.49 8.74 10.21	Preamp dB 37.48 37.25 35.16 34.10 CH11 Preamp dB 36.42 37.50 35.21 34.03 CH11 Le Preamp dB Preamp dB 36.42 37.50 35.21 34.03	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27 36.14 50.41 50.76	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity Polarity L Limit Limit /m dBuV/m 74.00 74.00 74.00 L Limit /m dBuV/m	limit -37.60 -36.56 -23.41 -23.83 	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75 2361.07 4924.20 7380.08 802.11b Frequency MHz	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29 40.37 45.43 38.02	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe m dB 26.30 27.78 31.45 36.56 Test channe	Cabl dB 5.39 6.04 8.64 10.09 Cabl dB 4.10 5.49 8.74 10.21	Preamp dB 37.48 37.25 35.16 34.10 CH11 Preamp dB 36.42 37.50 35.21 34.03 CH11 Le Preamp dB 36.42 37.50 35.21 34.03 CH11	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27 36.14 50.41 50.76	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity Polarity	limit -37.60 -36.56 -23.41 -23.83 Over limit -39.73 -37.86 -23.59 -23.24 Over limit -37.60	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Туре	1 2 3 4 4 Mark 1 2 3 4 4 Mark 1	Frequency MHz 2277.00 2799.39 4874.47 7316.14 802.11b Frequency MHz 1349.75 2361.07 4924.20 7380.08 802.11b Frequency MHz 2277.00	dBuV/ 40.44 40.25 45.71 37.79 Readin dBuV/ 40.29 40.37 45.43 38.02	mg Antenna m dB 28.05 28.40 31.40 36.43 Test channe m dB 26.30 27.78 31.45 36.56 Test channe m dB 28.05	Cabl dB 5.39 6.04 8.64 10.09 Cabl dB 4.10 5.49 8.74 10.21	Le Preamp dB 37.48 37.25 35.16 34.10 CH11	dBuV 36.40 37.44 50.59 50.17 Level dBuV/ 34.27 36.14 50.41 50.76	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity L Limit /m dBuV/m 74.00 74.00 74.00 Polarity	limit -37.60 -36.56 -23.41 -23.83 Over limit -39.73 -37.86 -23.59 -23.24 Over limit -37.60	Remark Peak Peak Peak Peak Peak Peak Peak Pea	

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Туре		802.11g		Test channe	ı	CH01		Polarity		Horizontal	
	Mark				Cabl		Leve	l Limit	Over	Remark	
	riark	Frequency MHz	Readin dBuV/		dB	e Preamp dB	dBuV,		limit		
	1	2225.07	40.72	28.15	5.34		36.80	74.00	-37.20		
	2	2805.54	40.72	28.42	6.04		37.92	74.00	-36.08		
	3	4874.47	40.43	31.40	8.64		45.31	74.00	-28.69		
	4	7305.54	37.82	36.41	10.02		50.14	74.00	-23.86		
Туре		802.11g		Test channe	ı	CH01		Polarity		Vertical	
	Mark	Frequency	Readin	g Antenna	Cabl	e Preamp	Leve:	l Limit	0ver	Remark	
		MHz	dBuV/	m dB	dB	dB	dBuV,	/m dBuV/m	limit	:	
	1	2368.86	41.31	27.76	5.50	37.49	37.08	74.00	-36.92		
	2	2505.38	41.93	27.40	5.67		37.75	74.00	-36.25		
	3	4874.47	40.69	31.40	8.64		45.57	74.00	-28.43	Peak	
	4	7412.26	34.41	36.60	10.29	34.00	47.30	74.00	-26.70) Peak	
Туре		802.11g		Test channe	ı	CH06		Polarity		Horizontal	
	Mark	Frequency	Readin	ng Antenna	Cabl	e Preamp	Leve	l Limit	0ver	Remark	
		MHz	dBuV/	m dB	dB	dB	dBuV,	/m dBuV/m	limit	:	
	1	2225.07	40.72	28.15	5.34	37.41	36.80	74.00	-37.20) Peak	
	2	2805.54	40.72	28.42	6.04	37.26	37.92	74.00	-36.08	B Peak	
	3	4818.24	44.63	31.40	8.49	35.25	49.27	74.00	-24.73	B Peak	
	4	7231.75	38.25	36.44	10.01	34.04	50.66	74.00	-23.34	l Peak	
Туре		802.11g		Test channe	I	CH06		Polarity		Vertical	
Туре											
Type	Mark	Frequency	Readin	g Antenna	Cable	e Preamp	Leve	l Limit	0ver	Remark	
Туре		Frequency MHz	dBuV/	g Antenna m dB	Cable dB	e Preamp dB	dBuV,	l Limit /m dBuV/m	limit	Remark	
Type	1	Frequency MHz 2368.86	dBuV/ 41.31	g Antenna m dB 27.76	Cable dB 5.50	e Preamp dB 37.49	dBuV, 37.08	l Limit /m dBuV/m 74.00	limit -36.92	Remark Peak	
Type	1 2	Frequency MHz 2368.86 2505.38	dBuV/ 41.31 41.93	g Antenna m dB 27.76 27.40	Cable dB 5.50 5.67	e Preamp dB 37.49 37.25	dBuV/ 37.08 37.75	l Limit /m dBuV/m 74.00 74.00	limit -36.92 -36.25	Remark : Peak Peak	
Туре	1 2 3	Frequency MHz 2368.86 2505.38 4825.23	dBuV/ 41.31 41.93 44.14	g Antenna m dB 27.76 27.40 31.40	Cable dB 5.50 5.67 8.51	Preamp dB 37.49 37.25 35.23	dBuV/ 37.08 37.75 48.82	l Limit /m dBuV/m 74.00 74.00 74.00	limit -36.92 -36.25 -25.18	Remark Peak Peak Peak	
Type	1 2	Frequency MHz 2368.86 2505.38	dBuV/ 41.31 41.93	g Antenna m dB 27.76 27.40	Cable dB 5.50 5.67	e Preamp dB 37.49 37.25	dBuV/ 37.08 37.75	l Limit /m dBuV/m 74.00 74.00	limit -36.92 -36.25	Remark Peak Peak Peak	
Type	1 2 3	Frequency MHz 2368.86 2505.38 4825.23	dBuV/ 41.31 41.93 44.14	g Antenna m dB 27.76 27.40 31.40	Cable dB 5.50 5.67 8.51 10.01	Preamp dB 37.49 37.25 35.23	dBuV/ 37.08 37.75 48.82	l Limit /m dBuV/m 74.00 74.00 74.00	limit -36.92 -36.25 -25.18	Remark Peak Peak Peak	
	1 2 3 4	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g	dBuV/ 41.31 41.93 44.14 38.09	g Antenna m dB 27.76 27.40 31.40 36.42 Test channe	Cable dB 5.50 5.67 8.51 10.01	e Preamp dB 37.49 37.25 35.23 34.05	dBuV, 37.08 37.75 48.82 50.47	l Limit /m dBuv/m 74.00 74.00 74.00 74.00 Polarity	limit -36.92 -36.25 -25.18 -23.53	Remark Peak Peak Peak Peak Horizontal	
	1 2 3	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g	dBuV/ 41.31 41.93 44.14 38.09	g Antenna m dB 27.76 27.40 31.40 36.42 Test channe	Cable dB 5.50 5.67 8.51 10.01	e Preamp dB 37.49 37.25 35.23 34.05 CH11	dBuV, 37.08 37.75 48.82 50.47	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -36.92 -36.25 -25.18 -23.53	Remark Peak Peak Peak Peak Horizontal	
	1 2 3 4	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz	dBuV/ 41.31 41.93 44.14 38.09 Reading	g Antenna m dB 27.76 27.40 31.40 36.42 Test channe	Cable dB 5.50 5.67 8.51 10.01	Preamp dB 37.49 37.25 35.23 34.05 CH11	dBuV, 37.08 37.75 48.82 50.47 Level dBuV,	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -36.92 -36.25 -25.18 -23.53	Remark Peak Peak Peak Peak Horizontal	
	1 2 3 4 Mark	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel	Cable dB 5.50 5.67 8.51 10.01	Preamp dB 37.49 37.25 35.23 34.05 CH11 e Preamp dB 37.41	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20	Remark Peak Peak Peak Peak Horizontal Remark	
	1 2 3 4 Mark	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 40.72	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel	Cabld dB 5.50 5.67 8.51 10.01 Cabl dB 5.34 6.04	Preamp dB 37.49 37.25 35.23 34.05 CH11 e Preamp dB 37.41 37.26	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity l Limit /m dBuV/m 74.00 74.00	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08	Remark Peak Peak Peak Horizontal Remark Peak	
	1 2 3 4 Mark	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54 4924.20	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 40.72 41.38	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel ag Antenna /m dB 28.15 28.42 31.45	Cabld dB 5.50 5.67 8.51 10.01 Cabl dB 5.34 6.04 8.74	Preamp dB 37.49 37.25 35.23 34.05 CH11 e Preamp dB 37.41 37.26 35.21	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92 46.36	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity l Limit /m dBuV/m 74.00 74.00 74.00	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08 -27.64	Remark Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak	
	1 2 3 4 Mark	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 40.72	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel	Cable dB 5.50 5.67 8.51 10.01 Cabl dB 5.34 6.04 8.74 10.24	Preamp dB 37.49 37.25 35.23 34.05 CH11 Preamp dB 37.41 37.26 35.21 34.02	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92	l Limit /m dBuv/m 74.00 74.00 74.00 74.00 This is a second of the second	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08	Remark Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak	
	1 2 3 4 Mark	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54 4924.20	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 40.72 41.38	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel ag Antenna /m dB 28.15 28.42 31.45	Cable dB 5.50 5.67 8.51 10.01 Cabl dB 5.34 6.04 8.74 10.24	Preamp dB 37.49 37.25 35.23 34.05 CH11 e Preamp dB 37.41 37.26 35.21	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92 46.36	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity l Limit /m dBuV/m 74.00 74.00 74.00	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08 -27.64	Remark Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54 4924.20 7390.79 802.11g	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 40.72 41.38 36.63	g Antenna m dB 27.76 27.40 31.40 36.42 Test channe ag Antenna /m dB 28.15 28.42 31.45 36.58 Test channe	Cabld dB 5.50 5.67 8.51 10.01 Cabl dB 5.34 6.04 8.74 10.24	Preamp dB 37.49 37.25 35.23 34.05 CH11 e Preamp dB 37.41 37.26 35.21 34.02 CH11	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92 46.36 49.43	l Limit /m 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 74.00 74.00 Polarity	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08 -27.64 -24.57	Remark Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Vertical	
Type	1 2 3 4 Mark	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54 4924.20 7390.79 802.11g Frequency	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV, 40.72 41.38 36.63	g Antenna m dB 27.76 27.40 31.40 36.42 Test channe ag Antenna /m dB 28.15 28.42 31.45 36.58 Test channe	Cablo dB 5.50 5.67 8.51 10.01 Cablo dB 5.34 6.04 8.74 10.24 Cablo	Preamp dB 37.49 37.25 35.23 34.05 CH11 Preamp dB 37.41 37.26 35.21 34.02 CH11	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92 46.36 49.43	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity l Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity Polarity	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08 -27.64 -24.57	Remark Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Type	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54 4924.20 7390.79 802.11g Frequency MHz MHz	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 41.38 36.63 Readin dBuV/	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel ng Antenna dB 28.15 28.42 31.45 36.58 Test channel	Cable 5.50 5.67 8.51 10.01 Cable 6.04 8.74 10.24 Cable dB	Preamp dB 37.49 37.25 35.23 34.05 CH11 Preamp dB 37.41 37.26 35.21 34.02 CH11 Preamp dB	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92 46.36 49.43	l Limit /m 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 74.00 Third /m dBuV/m	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08 -27.64 -24.57 Over limit	Remark Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Туре	1 2 3 4 Mark 1 Mark 1	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54 4924.20 7390.79 802.11g Frequency MHz 2368.86	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 41.38 36.63 Readin dBuV/ 41.31	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel 7m dB 28.15 28.42 31.45 36.58 Test channel g Antenna m dB 27.76	Cable 5.50 8.51 10.01 Cable 6.04 8.74 10.24 Cable 6.50 6.50	Preamp dB 37.49 37.25 35.23 34.05 CH11 Preamp dB 37.41 37.26 35.21 34.02 CH11 Preamp dB 37.49	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92 46.36 49.43 Leve dBuV, 37.08	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity l Limit /m dBuV/m 74.00 74.00 Polarity Limit /m dBuV/m 74.00 74.00 74.00 Polarity	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08 -27.64 -24.57 Over limit -36.92	Remark Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Type	1 2 3 4 Mark Mark 1 2 3 4	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54 4924.20 7390.79 802.11g Frequency MHz 2368.86 2505.38	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 41.38 36.63 Readin dBuV/ 41.31 41.93	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel ng Antenna dB 28.15 28.42 31.45 36.58 Test channel g Antenna m dB 27.76 27.40	Cable 5.50 8.51 10.01 Cable 6.04 8.74 10.24 Cable 6.50 5.67	Preamp dB 37.41 37.26 35.21 34.02 CH11 Preamp dB 37.41 37.26 35.21 34.02 CH11	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92 46.36 49.43 Leve dBuV, 37.08 37.75	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity l Limit /m dBuV/m 74.00 74.00 Polarity Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08 -27.64 -24.57 Over limit -36.92 -36.25	Remark Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Туре	1 2 3 4 Mark 1 Mark 1	Frequency MHz 2368.86 2505.38 4825.23 7242.24 802.11g Frequency MHz 2225.07 2805.54 4924.20 7390.79 802.11g Frequency MHz 2368.86	dBuV/ 41.31 41.93 44.14 38.09 Readin dBuV/ 40.72 41.38 36.63 Readin dBuV/ 41.31	g Antenna m dB 27.76 27.40 31.40 36.42 Test channel 7m dB 28.15 28.42 31.45 36.58 Test channel g Antenna m dB 27.76	Cable 5.50 8.51 10.01 Cable 6.04 8.74 10.24 Cable 6.50 6.50	Preamp dB 37.49 37.25 35.23 34.05 CH11 Preamp dB 37.41 37.26 35.21 34.02 CH11 Preamp dB 37.49	dBuV, 37.08 37.75 48.82 50.47 Leve dBuV, 36.80 37.92 46.36 49.43 Leve dBuV, 37.08	l Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity l Limit /m dBuV/m 74.00 74.00 Polarity Limit /m dBuV/m 74.00 74.00 74.00 Polarity	limit -36.92 -36.25 -25.18 -23.53 Over limit -37.20 -36.08 -27.64 -24.57 Over limit -36.92	Remark Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea	

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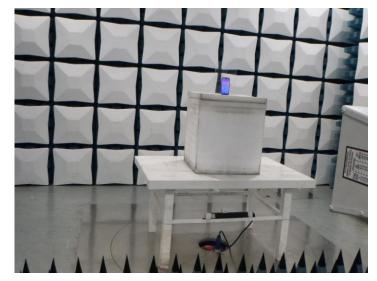
Туре		802.11n(H	T20)	Test channe	l C	H01		Polarity		Horizontal	
	Mark	Frequency MHz	Readi:		Cable dB	Preamp dB	Level dBuV/		Over limit		
	1	2312.30	40.56	/m db 27.95	5.43	37.56	36.38	m abuv/m 74.00	-37.62		
	2	2858.43	39.97	28.60	6.09	37.33	37.33	74.00	-36.67		
	3	4818.24	44.56	31.40	8.49	35.25	49.20	74.00	-24.80		
	4	7231.75	37.82	36.44	10.01	34.04	50.23	74.00	-23.77	Peak	
Туре		802.11n(H	T20)	Test channe	l C	H01		Polarity		Vertical	
	Mark				Cable	Preamp	1	Limit		Damanlı	
	nark	Frequency MHz	Readir dBuV/		dB	dB	Level dBuV/		Over limit		
	1	2289.55	40.45	28.02	5.41	37.53	36.35	74.00	-37.65		
	2	2765.76	40.12	28.26	5.97	37.23	37.12	74.00	-36.88		
	3	4825.23	41.84	31.40	8.51	35.23	46.52	74.00	-27.48	Peak	
	4	7242.24	38.36	36.42	10.01	34.05	50.74	74.00	-23.26	Peak	
Туре		802.11n(H	T20)	Test channe	l C	H06		Polarity		Horizontal	
	Mark	Frequency	Readin		Cable	Preamp	Level		0ver		
		MHz	dBuV/		dB	dB	dBuV/i	-	limit		
	1	2312.30	40.56	27.95	5.43	37.56	36.38	74.00	-37.62		
	2 3	2858.43 4867.40	39.97 43.01	28.60 31.40	6.09 8.62	37.33 35.15	37.33 47.88	74.00 74.00	-36.67 -26.12		
	4	7316.14	38.30	36.43	10.05	34.10	50.68	74.00	-23.32		
Туре		802.11n(H	T20)	Test channe	I C	:H06		Polarity		Vertical	
	Mark										
	TIGHT IX	Frequency	Readi		Cable	Preamp	Level		0ver		
		MHz	dBuV,	/m dB	dB	dB .	dBuV/	m dBuV/m	limit		
	1	MHz 2289.55	dBuV, 40.45	/m dB 28.02	dB 5.41	dB 37.53	dBuV/ 36.35	m dBuV/m 74.00	limit -37.65	Peak	
		MHz	dBuV,	/m dB 28.02 28.26	dB	dB .	dBuV/	m dBuV/m	limit	Peak Peak	
	1 2	MHz 2289.55 2765.76	dBuV, 40.45 40.12	/m dB 28.02 28.26 31.40	dB 5.41 5.97	dB 37.53 37.23	dBuV/ 36.35 37.12	m dBuV/m 74.00 74.00 74.00	limit -37.65 -36.88	Peak Peak Peak	
Туре	1 2 3	MHz 2289.55 2765.76 4874.47	dBuV, 40.45 40.12 41.40 34.79	/m dB 28.02 28.26 31.40	dB 5.41 5.97 8.64 10.93	dB 37.53 37.23 35.16	dBuV/ 36.35 37.12 46.28 49.54	m dBuV/m 74.00 74.00 74.00	limit -37.65 -36.88 -27.72	Peak Peak Peak	
Туре	1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07	dBuV 40.45 40.12 41.40 34.79	/m dB 28.02 28.26 31.40 37.13 Test channe	dB 5.41 5.97 8.64 10.93	dB 37.53 37.23 35.16 33.31	dBuV/ 36.35 37.12 46.28 49.54	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	limit -37.65 -36.88 -27.72 -24.46	Peak Peak Peak Peak Horizontal	
Туре	1 2 3	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H	dBuV 40.45 40.12 41.40 34.79	/m dB 28.02 28.26 31.40 37.13 Test channe	dB 5.41 5.97 8.64 10.93	dB 37.53 37.23 35.16 33.31 CH11	dBuV/ 36.35 37.12 46.28 49.54	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	limit -37.65 -36.88 -27.72 -24.46	Peak Peak Peak Peak Peak Horizontal	
Туре	1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H	dBuV 40.45 40.12 41.40 34.79 T20)	/m dB 28.02 28.26 31.40 37.13 Test channe	dB 5.41 5.97 8.64 10.93 I C	dB 37.53 37.23 35.16 33.31 CH11	dBuV/ 36.35 37.12 46.28 49.54 Level dBuV/	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m	limit -37.65 -36.88 -27.72 -24.46 Over limit	Peak Peak Peak Peak Peak Horizontal Remark	
Туре	1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H Frequency MHz 2312.30	dBuV 40.45 40.12 41.40 34.79 T20) Readir dBuV, 40.56	/m dB 28.02 28.26 31.40 37.13 Test channe	dB 5.41 5.97 8.64 10.93 I C Cable dB 5.43	dB 37.53 37.23 35.16 33.31 CH11 Preamp dB 37.56	dBuV/ 36.35 37.12 46.28 49.54 Level dBuV/ 36.38	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00	limit -37.65 -36.88 -27.72 -24.46	Peak Peak Peak Peak Horizontal Remark Peak	
Туре	1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H	dBuV 40.45 40.12 41.40 34.79 T20)	/m dB 28.02 28.26 31.40 37.13 Test channe ng Antenna /m dB 27.95	dB 5.41 5.97 8.64 10.93 I C	dB 37.53 37.23 35.16 33.31 CH11	dBuV/ 36.35 37.12 46.28 49.54 Level dBuV/	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m	limit -37.65 -36.88 -27.72 -24.46 Over limit -37.62	Peak Peak Peak Peak Horizontal Remark Peak Peak	
Туре	1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H Frequency MHz 2312.30 2858.43	dBuV, 40.45 40.12 41.40 34.79 T20) Readir dBuV, 40.56 39.97	/m dB 28.02 28.26 31.40 37.13 Test channe ng Antenna /m dB 27.95 28.60	dB 5.41 5.97 8.64 10.93 I C Cable dB 5.43 6.09	dB 37.53 37.23 35.16 33.31 CH11 Preamp dB 37.56 37.33	dBuV/ 36.35 37.12 46.28 49.54 Level dBuV/ 36.38 37.33	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00	limit -37.65 -36.88 -27.72 -24.46 Over limit -37.62 -36.67	Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak	
Type	1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H Frequency MHz 2312.30 2858.43 4924.20	dBuV, 40.45 40.12 41.40 34.79 T20) Readir dBuV, 40.56 39.97 42.09 37.32	/m dB 28.02 28.26 31.40 37.13 Test channe ng Antenna /m dB 27.95 28.60 31.45	dB 5.41 5.97 8.64 10.93 I C Cable dB 5.43 6.09 8.74 10.24	dB 37.53 37.23 35.16 33.31 EH11 Preamp dB 37.56 37.33 35.21	dBuV/ 36.35 37.12 46.28 49.54 Level dBuV/ 36.38 37.33 47.07 50.12	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00	1imit -37.65 -36.88 -27.72 -24.46 Over 1imit -37.62 -36.67 -26.93	Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak	
	1 2 3 4 Mark 1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H Frequency MHz 2312.30 2858.43 4924.20 7390.79	dBuV, 40.45 40.12 41.40 34.79 T20) Readir dBuV, 40.56 39.97 42.09 37.32	/m dB 28.02 28.26 31.40 37.13 Test channe mg Antenna /m dB 27.95 28.60 31.45 36.58 Test channe	dB 5.41 5.97 8.64 10.93	dB 37.53 37.23 35.16 33.31 CH11 Preamp dB 37.56 37.33 35.21 34.02	dBuV/ 36.35 37.12 46.28 49.54 Level dBuV/ 36.38 37.33 47.07 50.12	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -37.65 -36.88 -27.72 -24.46 Over limit -37.62 -36.67 -26.93 -23.88	Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Vertical	
	1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H Frequency MHz 2312.30 2858.43 4924.20 7390.79 802.11n(H	dBuV, 40.45 40.12 41.40 34.79 T20) Readir dBuV, 40.56 39.97 42.09 37.32 T20)	/m dB	dB 5.41 5.97 8.64 10.93	dB 37.53 37.23 35.16 33.31 CH11 Preamp dB 37.56 37.33 35.21 34.02 CH11	dBuV/ 36.35 37.12 46.28 49.54 	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit	1imit -37.65 -36.88 -27.72 -24.46 Over 1imit -37.62 -36.67 -26.93 -23.88	Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pe	
	1 2 3 4 Mark 1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H Frequency MHz 2312.30 2858.43 4924.20 7390.79 802.11n(H	dBuV, 40.45 40.12 41.40 34.79 T20) Readir dBuV, 40.56 39.97 42.09 37.32 T20)	/m dB	dB 5.41 5.97 8.64 10.93	dB 37.53 37.23 35.16 33.31 CH11 Preamp dB 37.56 37.33 35.21 34.02 CH11	dBuV/ 36.35 37.12 46.28 49.54 	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m	1imit -37.65 -36.88 -27.72 -24.46 Over 1imit -37.62 -36.67 -26.93 -23.88	Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea	
	1 2 3 4 Mark 1 2 3 4 Mark 1	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H Frequency MHz 2312.30 2858.43 4924.20 7390.79 802.11n(H Frequency MHz 2289.55	dBuV, 40.45 40.12 41.40 34.79 T20) Readir dBuV, 40.56 39.97 42.09 37.32 T20)	/m dB	dB 5.41 5.97 8.64 10.93	dB 37.53 37.23 35.16 33.31 CH11 Preamp dB 37.56 37.33 35.21 34.02 CH11 Preamp dB 37.53	dBuV/ 36.35 37.12 46.28 49.54 Level dBuV/ 36.38 37.33 47.07 50.12 Level dBuV/ 36.35	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00	limit -37.65 -36.88 -27.72 -24.46 Over limit -37.65 -26.93 -23.88	Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pe	
	1 2 3 4 Mark 1 2 3 4	MHz 2289.55 2765.76 4874.47 8016.07 802.11n(H Frequency MHz 2312.30 2858.43 4924.20 7390.79 802.11n(H	dBuV, 40.45 40.12 41.40 34.79 T20) Readir dBuV, 40.56 39.97 42.09 37.32 T20)	/m dB	dB 5.41 5.97 8.64 10.93	dB 37.53 37.23 35.16 33.31 CH11 Preamp dB 37.56 37.33 35.21 34.02 CH11	dBuV/ 36.35 37.12 46.28 49.54 	m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00	1imit -37.65 -36.88 -27.72 -24.46 Over 1imit -37.62 -36.67 -26.93 -23.88	Peak Peak Peak Peak Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pe	

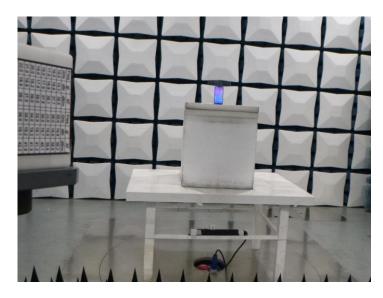
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6. TEST SETUP PHOTOS

Radiated Emission







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AC Conducted Emission



7. EXTERANAL AND INTERNAL PHOTOS

Refer to the test report No.: CHTEW22040061

8. APPENDIX REPORT