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TEST REPORT

Report No.: CHTEW20080149

Report Verification:

Project No...... SHT2005099309EW

FCC ID.....: 2ANY6-TE590P

Applicant's name.....: Telo Systems Ltd.

Manufacturer...... Telo Systems Ltd.

Test item description: Smart Phone

Trade Mark Telo Systems

Model/Type reference...... TE590P

Listed Model(s) TE590PLUS

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

Date of receipt of test sample........... Jun.30, 2020

Date of issue...... Aug.18, 2020

Result...... PASS

Compiled by

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Flows! W

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

Tianliao, Gongming, Shenzhen, China

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The test report merely correspond to the test sample.

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1. TEST STANDARDS AND REPORT VERSION

1.1. Test Standards

The tests were performed according to following standards:

- 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	2020-08-18	Original

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2. TEST DESCRIPTION

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

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:	Telo Systems Ltd.	
Address:	6/F, No.42 Liuxian 1st Road, Bao'an District, Shenzhen, China	
Manufacturer: Telo Systems Ltd.		
Address:	6/F, No.42 Liuxian 1st Road, Bao'an District, Shenzhen, China	

3.2. Product Description

Name of EUT:	Smart Phone	
Trade Mark:	Telo Systems	
Model No.:	TE590P	
Listed Model(s):	TE590PLUS	
Power supply:	DC 3.8V	
Hardware version:	TD058_MB_V2.0_20191224	
Software version:	TE590P_SIN_V1_20200810	

3.3. Radio Specification Description

Support type*2:	802.11b, 802.11g, 802.11n(HT20), 802.11n(HT40)
Modulation:	DSSS for 802.11b OFDM for 802.11g/802.11n(HT20)/802.11n(HT40)
Operation frequency:	2412MHz~2462MHz for 802.11b/802.11g/802.11n(HT20) 2422MHz~2452MHz for 802.11n(HT40)
Channel number:	11 for 802.11b/802.11g/802.11n(HT20) 7 for 802.11n(HT40)
Channel separation:	5MHz
Antenna type:	PIFA
Antenna gain:	1.4dBi

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		
	Туре	Accreditation Number	
	CNAS	L1225	
Qualifications	A2LA	3902.01	
	FCC	762235	
	Canada	5377A	

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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/802.11g/802.11n(HT20)		802.11n(HT40)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	03	2422
02	2417	04	2427
· :	. :	. :	. :
06	2437	06	2437
· :	. :	. :	. :
10	2457	08	2447
11	2462	09	2452

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
802.11n(HT40)	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 test item:

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. 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:

Wheth	Whether support unit is used?				
✓	✓ No				
Item	Equipement	Trade Name	Model No.	FCC ID	Power cord
1					
2					

4.5. Testing environmental condition

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

4.6. Measurement uncertainty

Test Item	Measurement Uncertainty
AC Conducted Emission (150kHz~30MHz)	3.02 dB
Radiated Emission (30MHz~1000MHz	4.90 dB
Radiated Emissions (1GHz~25GHz)	4.96 dB
Peak Output Power	0.51 dB
Power Spectral Density	0.51 dB
Conducted Spurious Emission	0.51 dB
6dB Bandwidth	70 Hz

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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4.7. Equipment Used during the Test

•	Conducted Em	ission					
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	2019/10/26	2020/10/25
•	Artificial Mains	SCHWARZBECK	HTWE0113	NNLK 8121	573	2019/10/23	2020/10/22
•	Pulse Limiter	R&S	HTWE0033	ESH3-Z2	100499	2019/10/23	2020/10/22
•	RF Connection Cable	HUBER+SUHNER	HTWE0113-02	ENVIROFLE X_142	EF-NM- BNCM-2M	2019/10/23	2020/10/22
•	Test Software	R&S	N/A	ES-K1	N/A	N/A	N/A

•	Radiated emiss	sion-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	2021/09/29
•	EMI Test Receiver	R&S	HTWE0099	ESCI	100900	2019/10/26	2020/10/25
•	Loop Antenna	R&S	HTWE0170	HFH2-Z2	100020	2018/04/02	2021/04/01
•	Ultra-Broadband Antenna	SCHWARZBECK	HTWE0123	VULB9163	538	2018/04/04	2021/04/03
•	Pre-Amplifer	SCHWARZBECK	HTWE0295	BBV 9742	N/A	2019/11/14	2020/11/13
•	RF Connection Cable	HUBER+SUHNER	HTWE0062- 01	N/A	N/A	2019/08/21	2020/08/20
•	RF Connection Cable	HUBER+SUHNER	HTWE0062- 02	SUCOFLEX 104	501184/4	2020/05/27	2021/05/26
•	Test Software	R&S	N/A	ES-K1	N/A	N/A	N/A

•	Radiated emis	sion-7th 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	HTWE0122	SAC-3m-01	N/A	2018/09/27	2021/09/26
•	Spectrum Analyzer	R&S	HTWE0098	FSP40	100597	2019/10/26	2020/10/25
•	Horn Antenna	SCHWARZBECK	HTWE0126	9120D	1011	2020/04/01	2023/03/31
•	Horn Antenna	SCHWARZBECK	HTWE0103	BBHA9170	25841	2018/10/11	2021/10/10
•	Broadband Horn Antenna	SCHWARZBECK	HTWE0103	BBHA9170	BBHA9170472	2018/10/11	2021/10/10
•	Pre-amplifier	CD	HTWE0071	PAP-0102	12004	2019/11/14	2020/11/13
•	Broadband Pre- amplifier	SCHWARZBECK	HTWE0201	BBV 9718	9718-248	2020/05/23	2021/05/22
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-01	6m 18GHz S Serisa	N/A	2020/05/10	2021/05/09
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-02	6m 3GHz RG Serisa	N/A	2020/05/10	2021/05/09
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-03	6m 3GHz RG Serisa	N/A	2020/05/10	2021/05/09
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-04	6m 3GHz RG Serisa	N/A	2020/05/10	2021/05/09
•	RF Connection Cable	HUBER+SUHNER	HTWE0121-01	6m 18GHz S Serisa	N/A	2020/05/10	2021/05/09
•	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	2019/10/26	2020/10/25
•	Spectrum Analyzer	Agilent	N9020A	MY50510187	2019/10/26	2020/10/25
•	Power Meter	Anritsu	ML249A	N/A	2019/10/26	2020/10/25
0	Radio communication tester	R&S	CMW500	137688-Lv	2019/10/26	2020/10/25

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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.

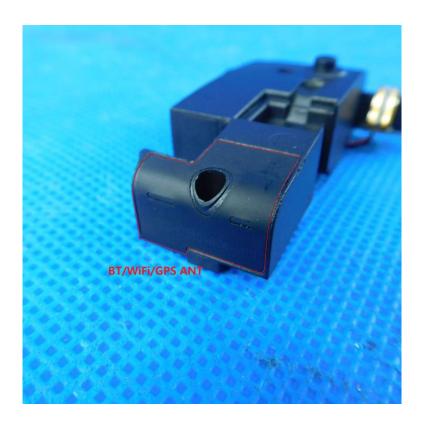
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(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 a PIFA 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

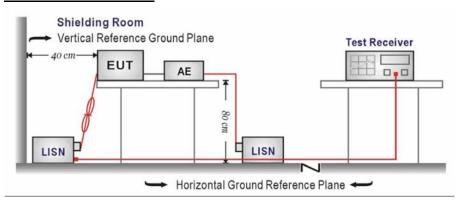
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.207

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

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

TEST CONFIGURATION



TEST PROCEDURE

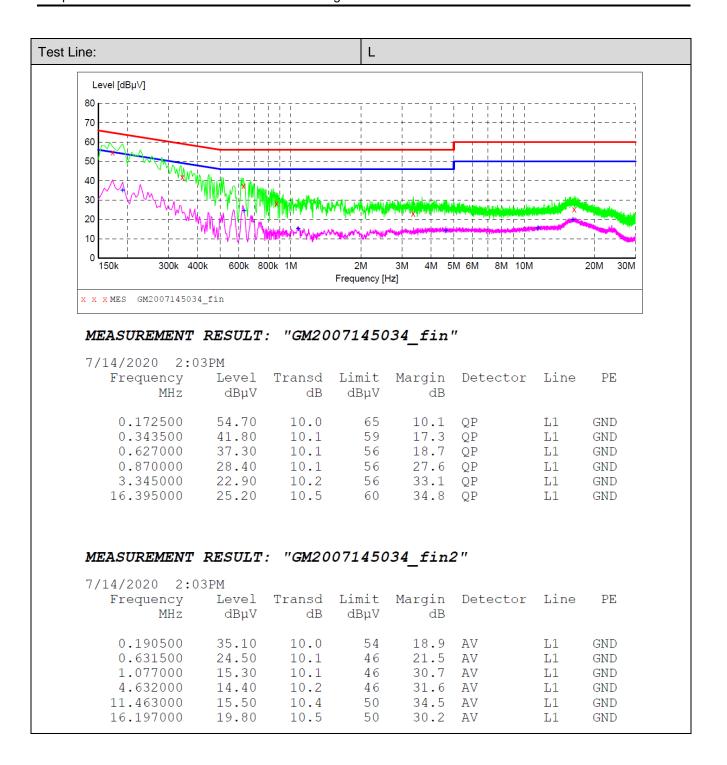
- 1. The EUT was setup according to ANSI C63.10 requirements.
- 2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from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

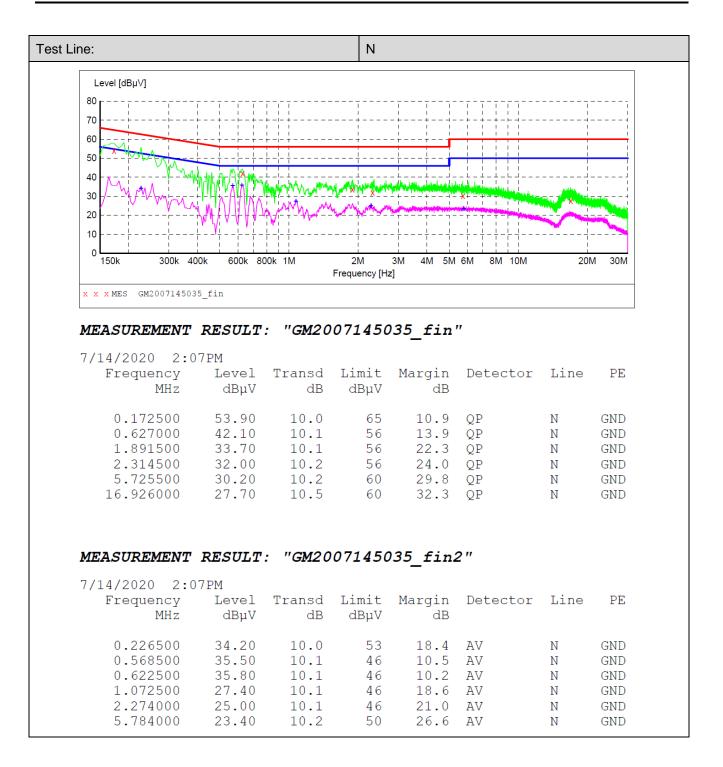
TEST MODE:

Please refer to the clause 4.2

TEST RESULT

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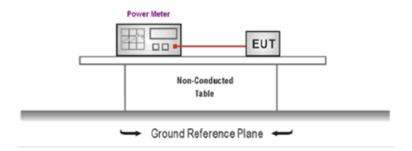
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5.3. Peak Output Power

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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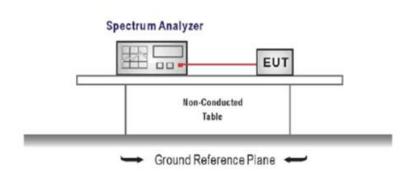
5.4. Power Spectral Density

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 = $3 \text{ kHz} \le \text{RBW} \le 100 \text{ kHz}$, VBW $\ge 3 \times \text{RBW}$

Sweep time = auto couple

Detector = peak

Trace mode = max hold

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

TEST MODE:

Please refer to the clause 4.2

TEST RESULT

TEST Data

Please refer to appendix B on the appendix report

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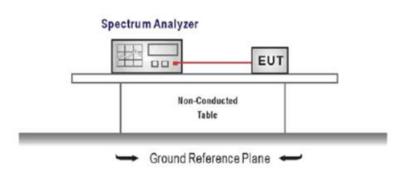
5.5. 6dB bandwidth

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

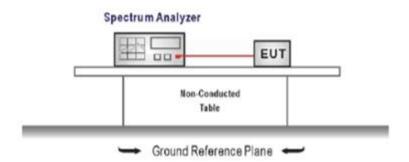
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5.6. 99% Occupied Bandwidth

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 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

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

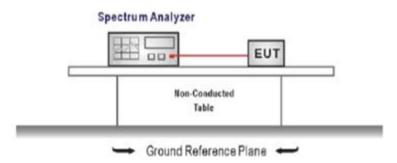
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5.7. Duty Cycle

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

- 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

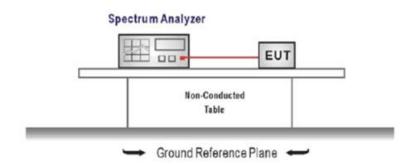
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5.8. Conducted Band edge and Spurious Emission

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 ≥ 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
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 $oxed{oxed}$ Passed $oxed{oxed}$ Not Applicable

TEST Data

Please refer to appendix F on the appendix report

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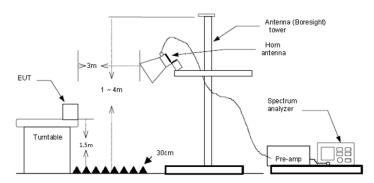
5.9. Radiated Band edge Emission

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.
- 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:

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

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Туре		802.	11b	Test	channel	CH01		Polarity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Prea	mp Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2310.00	33.58	27.96	7.30 37.56			74.00	-22.72	Peak
	2	2390.01	31.83	27.72	7.72 37.45	20.00	49.82	74.00	-24.18	Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Pream	np Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2310.00	25.67	27.96	7.30 37.56	20.00	43.37		-10.63	Average
	2	2390.01	25.81	27.72	7.72 37.45	20.00	43.80	54.00	-10.20	Average
Туре		802.	11b	Test	channel	CH01		Polarity		Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Prea dB dB	mp Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2310.00	34.12	27.96	7.30 37.56	20.00	51.82	74.00	-22.18	Peak
	2	2390.01	34.00	27.72	7.72 37.45	20.00	51.99	74.00	-22.01	Peak
	Mark	Frequency	Reading	Antenna	Cable Prea	mp Aux	Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m	limit	
		11112	0000/111							
	1	2310.00	26.70	27.96	7.30 37.56	20.00	44.40	54.00	-9.60	Average
	1	VIV. Barrier Artist and Section 19	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	27.96	7.30 37.56	20.00	44.40	54.00	-9.60	Average

Туре		802.	11b	Test	channel	CH11	Pola	arity	Horizontal
	Mark	Frequency	Reading	Antenna	Cable Prea	mp Aux	Level Lin	nit Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m dBu	uV/m limit	
	1	2483.49	24.37	27.43	7.80 37.26	20.00	42.34 54.	.00 -11.66	Average
	2	2500.00	24.08	27.40	7.81 37.26	20.00	42.03 54.	.00 -11.97	Average
	Mark	Frequency	Reading	Antenna	Cable Pre	amp Aux	Level L	imit Over	Remark
		MHz	dBuV/m	dB	dB dE	dB	dBuV/m c	dBuV/m limi	t
	1	2483.49	31.26	27.43	7.80 37.2	26 20.00	49.23 7	74.00 -24.77	Peak
	2	2500.00	31.76	27.40	7.81 37.2	26 20.00	49.71 7	74.00 -24.29	Peak
							•		1
Туре		802.	11b	Test	channel	CH11	Pola	arity	Vertical
	Mark	Frequency	Reading	Antenna	Cable Pream	np Aux	Level Lim	it Over I	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m dBu	V/m limit	
	1	2483.49	26.98	27.43	7.80 37.26	20.00	44.95 54.0	00 -9.05	Average
	2	2500.00	25.72	27.40	7.81 37.26	20.00	43.67 54.0	00 -10.33	Average
	Mark	Frequency	Reading	Antenna	Cable Prea	amp Aux	Level Li	mit Over	Remark
		MHz	dBuV/m	dB	dB dB	dB		BuV/m limit	
			The second second		7.80 37.20		the same has been a supplementally	.00 -23.18	Peak
	1	2483.49	32.85	27.43	7.00 37.20	20.00	DU.OZ /4	-23.10	reak

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Туре		802.1	1g	Test	hannel	CH01		Polarity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable PreadB dB		Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1 2	2310.00 2390.01	26.63 30.09	27.96 27.72	7.30 37.50 7.72 37.49			3 54.00 8 54.00	-9.67 -5.92	Average Average
	Mark	Frequency	Reading	Antenna	Cable Pr	eamp Aux	Level	Limit	: Over	
		MHz	dBuV/m	dB	dB d	B dB	dBuV/	m dBuV/	m limi	t
	1 2	2310.00 2390.01	33.55 42.63	27.96 27.72	7.30 37. 7.72 37.			74.00 74.00		
		2330.01	42.05	27.772	7.72 37.	45 20.00	00.02	, 4.00	13.30	TCGK
Туре		802.1	1g	Test	channel	CH01		Polarity		Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Pre		Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2310.00	27.57	27.96	7.30 37.5			27 54.00	-8.73	Average
	2	2390.01	31.85	27.72	7.72 37.4	5 20.00	49.8	34 54.00	-4.16	Average
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Pre	amp Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1 2	2310.00 2390.01	34.24 39.99	27.96 27.72	7.30 37.5 7.72 37.4	6 20.00	51.94 57.98	74.00 74.00	-22.06 -16.02	Peak Peak

Туре		802.1	1g	Test	channe	ı C	H11		Polarity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream dB	p Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	41.99	27.43	7.80	37.26	20.00	59.96	74.00	-14.04	Peak
	2	2500.00	33.56	27.40	7.81	37.26	20.00	51.51	74.00	-22.49	Peak
	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	31.59	27.43	7.80	37.26	20.00	49.5	5 54.00	-4.44	Average
	2	2500.00	26.61	27.40	7.81	37.26	20.00	44.5	5 54.00	-9.44	Average
Туре		802.1	1g	Test	hanne	I C	:H11		Polarity		Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream dB	p Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	38.38	27.43	7.80	37.26	20.00	56.35	74.00	-17.65	Peak
	2	2500.00	32.99	27.40	7.81	37.26	20.00	50.94	74.00	-23.06	Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m		Over F	Remark
	1	2483.49	31.91	27.43	7.80	37.26	20.00	STATE OF THE PARTY	TANK CONTRACTOR OF SERVICE	4.12	Average

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Туре		802.	11n(HT20)	Test	hannel	C	H01		Polarity		Horizontal
	Mark	Frequency MHz	Reading	Antenna dB	Cable dB	Pream dB	ıp Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2310.00	33.58	27.96	7.30	37.56	20.00	51.28	74.00	-22.72	Peak
	2	2390.01	43.47	27.72	7.72	37.45	20.00	61.46	74.00	-12.54	Peak
	Mark	Frequency MHz	Reading /	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2310.00	28.03	27.96	7.30	37.56	20.00	45.73	54.00	-8.27	Average
	2	2390.01	32.50	27.72	7.72	37.45	20.00	50.49	54.00	-3.51	Average
Туре		802.	11n(HT20)	Test	hannel	C	H01		Polarity		Vertical
	Mar	k Frequenc MHz	y Reading dBuV/m	Antenna dB	Cable dB	e Prear	np Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2310.00	34.46	27.96	7.30	37.56	20.00	52.16	74.00	-21.84	Peak
	2	2390.01	41.93	27.72	7.72	37.45	20.00	59.92	74.00	-14.08	Peak
	Mark	Frequency		Antenna	Cable	Preamp		Level	Limit		Remark
		MHz	dBuV/m	dB	dB	dΒ	dB	dBuV/m	dBuV/m	limit	
	1	MHz 2310.00	-	dB 27.96		ав 37.56	20.00	-		-8.98	Average

Туре			802.1	1n(HT20)	Test	channe	el (CH11		Polarity		Horizontal
	Mark	Fred	quency	Reading	Antenna	Cable	Pream	p Aux	Level	Limit	Over	Remark
		MH	lz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483.	49	31.00	27.43	7.80	37.26	20.00	48.9	7 54.00	-5.03	Average
	2	2500.	.00	26.56	27.40	7.81	37.26	20.00	44.5	1 54.00	-9.49	Average
	Mark	Free	quency	Reading	Antenna	Cable	Pream	p Aux	Level	Limit	Over	Remark
			Iz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483	.49	43.38	27.43	7.80	37.26	20.00	61.35	74.00	-12.65	Peak
	2	2500	.00	34.19	27.40	7.81	37.26	20.00	52.14	74.00	-21.86	Peak
Туре			802.1	1n(HT20)	Test	channe	el (CH11		Polarity		Vertical
	Mark	Free	quency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
			Hz.	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483	.49	32.96	27.43	7.80	37.26	20.00	50.93	54.00	-3.07	Average
	2	2500	.00	26.79	27.40	7.81	37.26	20.00	44.74	54.00	-9.26	Average
	Mark	Fre	quency	Reading	Antenna	Cable	e Prear	np Aux	Level	Limit	Over	Remark
		M	Hz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/r	n limi	t
	1	2483	.49	44.42	27.43	7.80	37.26	20.00	62.39	74.00	-11.61	Peak
	2	2500	00	33.50	27.40	7.81	37.26	20.00	51.45	74.00	-22.55	Peak

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Туре		802.	11n(HT40)	Test o	hannel	CH03	Po	olarity	Horizontal
	Mark	Frequency MHz	Reading	Antenna dB		reamp Aux dB dB	Level dBuV/m	Limit Over dBuV/m limi	
	1 2	2310.00 2389.99	33.36 38.51	27.96 27.72		.56 20.00	51.06	74.00 -22.94 74.00 -17.50	Peak
	THE PART OF THE PART	LEGICAL COLUMN 7							
	Mark	Frequency MHz	dBuV/m	dB	Cable Pred dB dB	dB	dBuV/m di	BuV/m limit	Remark
	2	2310.00 2389.99			7.30 37.50 7.72 37.4		45.21 54 45.33 54		Average Average
Туре		802.	11n(HT40)	Test o	hannel	CH03	Po	olarity	Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB		eamp Aux B dB	Level dBuV/m	Limit Over dBuV/m limit	Remark
	1 2	2310.00 2389.99	33.85 35.08	27.96 27.72	7.30 37. 7.72 37.	56 20.00	51.55 53.07	74.00 -22.45 74.00 -20.93	Peak Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Pre	eamp Aux B dB		Limit Over dBuV/m limit	Remark
	1	2310.00 2389.99		27.96 27.72	7.30 37.5 7.72 37.4		45.83 5 45.78 5		Average Average

Туре		802.11n(HT40)	Test chann	el	CH09		Polarity		Horizontal
	Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
	1	2483.50	26.33	27.43	7.80	37.26	44.30	54.00	-9.70	Average
	2	2485.90	30.55	27.43	7.80	37.26	48.52	54.00	-5.48	Average
	3	2500.00	22.54	27.40	7.81	37.26	40.49	54.00	-13.51	Average
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	0ver	Remark
		MHz	dBm	dB	dB	dB .	dBm	dBm	limit	
	1	2483.50	35.22	27.43	7.80	37.26	53.19	74.00	-20.81	Peak
	2	2485.74	40.90	27.43	7.80	37.26	58.87	74.00	-15.13	Peak
	3	2500.00	30.01	27.40	7.81	37.26	47.96	74.00	-26.04	Peak
Туре		802.11n(HT40)	Test chann	el	CH09		Polarity		Vertical
			•		- 13	D	1 1		0ver	D
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	over	Remark
	Mark	Frequency MHz	Reading dBm	Antenna dB	dB	rreamp dB	dBm	Limit dBm	limit	Kemark
	Mark 1		_					dBm		Average
		MHz	dBm	dB	dB	dB	dBm	dBm 54.00	limit	
	1	MHz 2483.50	dBm 28.65	dB 27.43	dB 7.80	dB 37.26	dBm 46.62	dBm 54.00	limit -7.38	Average
	1 2	MHz 2483.50 2485.95	dBm 28.65 33.84	dB 27.43 27.43 27.40	dB 7.80 7.80	dB 37.26 37.26 37.26	dBm 46.62 51.81	dBm 54.00 54.00	limit -7.38 -2.19	Average Average
	1 2 3	MHz 2483.50 2485.95 2500.00	dBm 28.65 33.84 25.36	dB 27.43 27.43 27.40	dB 7.80 7.80 7.81	dB 37.26 37.26 37.26	dBm 46.62 51.81 43.31	dBm 54.00 54.00 54.00	limit -7.38 -2.19 -10.69	Average Average Average Remark
	1 2 3	MHz 2483.50 2485.95 2500.00 Frequency	dBm 28.65 33.84 25.36	dB 27.43 27.43 27.40 Antenna	dB 7.80 7.80 7.81	dB 37.26 37.26 37.26	dBm 46.62 51.81 43.31 Level	dBm 54.00 54.00 54.00 Limit	limit -7.38 -2.19 -10.69	Average Average Average Remark
	1 2 3 Mark	MHz 2483.50 2485.95 2500.00 Frequency MHz	dBm 28.65 33.84 25.36 Reading dBm	dB 27.43 27.43 27.40 Antenna dB	dB 7.80 7.80 7.81 Cable	dB 37.26 37.26 37.26 Preamp dB	dBm 46.62 51.81 43.31 Level dBm	dBm 54.00 54.00 54.00 Limit dBm	limit -7.38 -2.19 -10.69 Over limit	Average Average Average Remark t Peak

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5.10. Radiated Spurious Emission

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

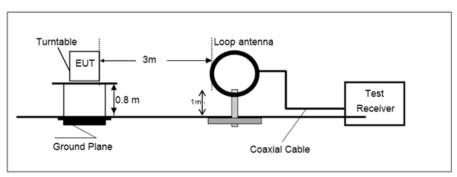
Frequency	Limit (dBuV/m)	Value
0.009 MHz ~0.49 MHz	2400/F(kHz) @300m	Quasi-peak
0.49 MHz ~ 1.705 MHz	24000/F(kHz) @30m	Quasi-peak
1.705 MHz ~30 MHz	30 @30m	Quasi-peak

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.

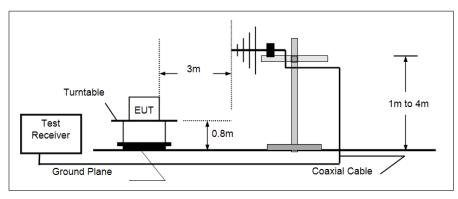
Frequency	Limit (dBuV/m @3m)	Value
30MHz~88MHz	40.00	Quasi-peak
88MHz~216MHz	43.50	Quasi-peak
216MHz~960MHz	46.00	Quasi-peak
960MHz~1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
Above IGHZ	74.00	Peak

TEST CONFIGURATION

→ 9 kHz ~ 30 MHz

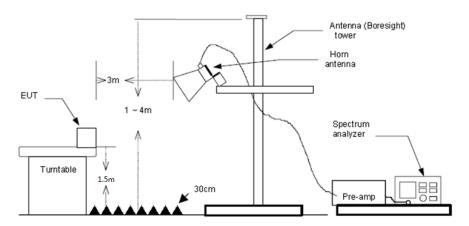


> 30 MHz ~ 1 GHz



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.
- 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.

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

TEST DATA 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.

TEST DATA 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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Polarization: Horizontal Level [dBµV/m] 60 50 40 30 20 10 0 30M 100M 300M 40M 50M 60M 70M 200M 400M 500M 600M 800M Frequency [Hz] x x x MES GM2007306126_red MEASUREMENT RESULT: "GM2007306126 red" 7/10/2020 9:37PM Frequency Level Transd Limit Margin Det. Height Azimuth Polarization ${ m dB}\mu V/m$ ${ m dB}$ ${ m dB}\mu V/m$ dB MHz cm deg 76.00 HORIZONTAL 450.980000 37.10 -3.5 46.0 8.9 QP 100.0 40.10 40.10 -2.0 36.80 1.1 499.480000 46.0 5.9 QP 100.0 76.00 HORIZONTAL 196.00 HORIZONTAL 9.2 QP 100.0 629.460000 46.0 9.5 QP 36.50 800.180000 4.2 46.0 100.0 172.00 HORIZONTAL 825.400000 36.00 4.6 46.0 10.0 QP 100.0 235.00 HORIZONTAL 6.1 QP 922.400000 6.7 39.90 46.0 100.0 288.00 HORIZONTAL Polarization: Vertical Level [dBµV/m] 80 70 60 50 40 30 20 10 30M 40M 50M 60M 70M 200M 300M 400M 500M 600M Frequency [Hz] x x x MES GM2007306125_red

MEASUREMENT RESULT: "GM2007306125_red"

7/	/10/2020 9 Frequency MHz		Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
	30.000000	32.20	-13.4	40.0	7.8	QP	100.0	341.00	VERTICAL
	62.980000	31.90	-10.9	40.0	8.1	QP	100.0	0.00	VERTICAL
	524.700000	39.20	-1.5	46.0	6.8	QP	100.0	6.00	VERTICAL
	629.460000	36.80	1.1	46.0	9.2	QP	100.0	219.00	VERTICAL
	677.960000	38.80	1.8	46.0	7.2	QP	100.0	0.00	VERTICAL
	930.160000	43.40	6.7	46.0	2.6	QP	100.0	268.00	VERTICAL

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TEST DATA FOR 1 GHz ~ 25 GHz

Туре		802.11b		Test chann	el	CH01		Polarity	Horizontal
	Mark 1 2 3 4	Frequency MHz 1241.56 3080.60 4821.76 6781.78	Reading dBuV/r 35.58 34.03 33.09 31.00	•	Cabl dB 5.23 8.59 11.52 13.69	dB 36.53 37.49 35.24	Level dBuV/n 30.13 34.05 40.77 44.82	n dBuV/m limi 74.00 -43.8 74.00 -39.9 74.00 -33.2	t 37 Peak 95 Peak
Туре		802.11b		Test chann	el	CH01		Polarity	Vertical
	Mark 1	Frequency MHz 1235.26	Reading dBuV/n 35.08	•	Cabl dB 5.21	dB	Level dBuV/r 29.54		it
	2 3 4	3143.98 4821.76 7190.69	33.29 30.70 30.53	29.00 31.40 36.46	8.67 11.52 13.73	37.21 35.24	33.75 38.38 46.73	74.00 -40.1 74.00 -35.0 74.00 -27.1	25 Peak 52 Peak
Туре		802.11b		Test chann	el	CH06		Polarity	Horizontal
	Mark	Frequency MHz	Readir dBuV/	•	Cabi dB	le Preamp dB	Leve dBuV/		
	1 2 3 4	1521.98 3241.50 4871.10 6781.78	33.61 32.96 37.31 31.38	25.72 28.73 31.40 34.43	5.83 8.89 11.51 13.69	5 36.87 1 35.16	28.24 33.67 45.06 45.20	74.00 -45. 74.00 -40. 74.00 -28. 74.00 -28.	33 Peak
Туре		802.11b		Test chann	el	CH06		Polarity	Vertical
	Mark	Frequency MHz	Reading dBuV/m		Cable dB	e Preamp dB	Level dBuV/m		
	1 2 3 4	1299.77 3266.35 4871.10 6713.08	35.16 34.17 39.10 31.45	26.00 28.63 31.40 34.30	5.42 8.92 11.51 13.79	36.29 36.85 35.16 34.44	30.29 34.87 46.85 45.10	74.00 -43.7 74.00 -39.1 74.00 -27.1 74.00 -28.9	3 Peak
Туре		802.11b		Test chann	el	CH11		Polarity	Horizontal
	Mark 1 2 3 4	Frequency MHz 1251.08 3120.06 4712.55 6713.08	Reading dBuV/m 35.21 33.12 31.26 31.36		Cable dB 5.26 8.64 11.17 13.79	Preamp dB 36.50 37.33 35.68 34.44	Level dBuV/m 29.87 33.43 38.15 45.01	Limit Over dBuV/m limit 74.00 -44.13 74.00 -40.57 74.00 -35.89 74.00 -28.99	3 Peak 7 Peak 5 Peak
Туре		802.11b		Test channe	el	CH11		Polarity	Vertical
	Mark 1 2 3 4	Frequency MHz 1276.82 3200.50 4809.50 6678.99	Reading dBuV/m 35.36 33.43 31.31 31.36		Cable dB 5.35 8.73 11.52 13.68	Preamp dB 36.39 36.98 35.28 34.50	Level dBuV/m 30.27 34.08 38.95 44.84	Limit Over dBuV/m limit 74.00 -43.73 74.00 -39.92 74.00 -35.05 74.00 -29.16	Peak Peak Peak

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Туре		802.11g		Test channe	el	CH01		Polarity	Horizontal
	Mark	Frequency MHz	Reading dBuV/m		Cable dB	Preamp dB	Level dBuV/m		ver Remark Lmit
	1	1241.56	34.69	25.85	5.23	36.53	29.24	74.00 -44	1.76 Peak
	2	3208.66	32.36	28.87	8.76	36.94	33.05	74.00 -40	9.95 Peak
	3	4785.08	30.54	31.40	11.46	35.36	38.04	74.00 -39	.96 Peak
	4	6299.18	30.32	33.00	13.57	34.56	42.33	74.00 -31	L.67 Peak
Туре		802.11g		Test channe	el	CH01		Polarity	Vertical
	Mark	Frequency MHz	Reading dBuV/m		Cable dB	Preamp dB	Level dBuV/m	Limit Ov dBuV/m li	er Remark mit
	1	1273.57	35.26	25.95	5.34	36.40	30.15	74.00 -43	
	2	3160.03	34.33	28.98	8.69	37.15	34.85	74.00 -39	
	3	4846.37	31.26	31.40	11.51	35.17	39.00	74.00 -35	
	4	7135.98	30.78	36.24	13.60	33.94	46.68		.32 Peak
T		000 44 =		Tast share	-1	CLICC		Dalasit.	lla si-a stal
Туре		802.11g		Test channe		CH06		Polarity	Horizontal
	Mark	Frequency MHz	Reading dBuV/m		Cable dB	e Preamp dB	Level dBuV/n	n dBuV/m 1	ver Remark imit
	1	1270.33	35.00	25.94	5.32	36.42	29.84	74.00 -4	4.16 Peak
	2	3160.03	33.27	28.98	8.69	37.15	33.79	74.00 -4	0.21 Peak
	3	4871.10	32.86	31.40	11.51	35.16	40.61	74.00 -3	3.39 Peak
	4	6833.77	31.30	34.64	13.58	34.22	45.30	74.00 -2	8.70 Peak
Type		802.11g		Test channe	el	CH06		Polarity	Vertical
Type	Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit Ov	er Remark
Type		Frequency MHz	dBuV/m	Antenna dB	Cable dB	Preamp dB	dBuV/m	Limit Ov dBuV/m li	er Remark mit
Type	1	Frequency MHz 1219.64	dBuV/m 35.71	Antenna dB 25.72	Cable dB 5.16	Preamp dB 36.62	dBuV/m 29.97	Limit Ov dBuV/m li 74.00 -44	er Remark mit .03 Peak
Type	1 2	Frequency MHz 1219.64 3184.25	dBuV/m 35.71 33.53	Antenna dB 25.72 28.93	Cable dB 5.16 8.71	Preamp dB 36.62 37.05	dBuV/m 29.97 34.12	Limit Ov dBuV/m li 74.00 -44 74.00 -39	er Remark mit .03 Peak .88 Peak
Type	1	Frequency MHz 1219.64	dBuV/m 35.71	Antenna dB 25.72	Cable dB 5.16	Preamp dB 36.62	dBuV/m 29.97	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -33	er Remark mit .03 Peak
	1 2 3	Frequency MHz 1219.64 3184.25 4883.52 7045.74	dBuV/m 35.71 33.53 33.27	Antenna dB 25.72 28.93 31.40 35.67	Cable dB 5.16 8.71 11.50 13.75	Preamp dB 36.62 37.05 35.18	dBuV/m 29.97 34.12 40.99	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -33 74.00 -27	er Remark mit .03 Peak .88 Peak .01 Peak
Type	1 2 3 4	Frequency MHz 1219.64 3184.25 4883.52 7045.74	dBuV/m 35.71 33.53 33.27 30.81	Antenna dB 25.72 28.93 31.40 35.67	Cable dB 5.16 8.71 11.50 13.75	Preamp dB 36.62 37.05 35.18 33.99	dBuV/m 29.97 34.12 40.99 46.24	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -33 74.00 -27	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak
	1 2 3	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency	dBuV/m 35.71 33.53 33.27 30.81	Antenna dB 25.72 28.93 31.40 35.67 Test channe	Cable dB 5.16 8.71 11.50 13.75	Preamp dB 36.62 37.05 35.18 33.99 CH11	dBuV/m 29.97 34.12 40.99 46.24	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -33 74.00 -27 Polarity	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark
	1 2 3 4	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz	dBuV/m 35.71 33.53 33.27 30.81 Reading	Antenna dB 25.72 28.93 31.40 35.67 Test channe dB	Cable dB 5.16 8.71 11.50 13.75 el Cable dB	Preamp dB 36.62 37.05 35.18 33.99 CH11	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/n	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -27 Polarity Limit O dBuV/m l	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit
	1 2 3 4 Mark	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency	dBuV/m 35.71 33.53 33.27 30.81	Antenna dB 25.72 28.93 31.40 35.67 Test channe dB 25.83	Cable dB 5.16 8.71 11.50 13.75 el Cable dB 5.22	Preamp dB 36.62 37.05 35.18 33.99 CH11	dBuV/m 29.97 34.12 40.99 46.24	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -33 74.00 -27 Polarity Limit Onder the desired of the desir	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak
	1 2 3 4 Mark	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz 1238.41 3200.50	dBuV/m 35.71 33.53 33.27 30.81 Reading dBuV/m 34.90 32.78	Antenna dB 25.72 28.93 31.40 35.67 Test channe dB 25.83 28.90	Cable dB 5.16 8.71 11.50 13.75 el Cable dB 5.22 8.73	Preamp dB 36.62 37.05 35.18 33.99 CH11 Preamp dB 36.55 36.98	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/n 29.40	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -27 Polarity Limit On dBuV/m l 74.00 -4 74.00 -4	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak 0.57 Peak
	1 2 3 4 Mark	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz 1238.41	dBuV/m 35.71 33.53 33.27 30.81 Reading dBuV/m 34.90	Antenna dB 25.72 28.93 31.40 35.67 Test channe dB 25.83	Cable dB 5.16 8.71 11.50 13.75 el Cable dB 5.22	Preamp dB 36.62 37.05 35.18 33.99 CH11 Preamp dB 36.55	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/n 29.40 33.43	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -27 Polarity Limit O dBuV/m l 74.00 -4 74.00 -4 74.00 -3	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak
	1 2 3 4 Mark 1 2 3	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz 1238.41 3200.50 4996.69	dBuV/m 35.71 33.53 33.27 30.81 Reading dBuV/m 34.90 32.78 30.29	Antenna dB 25.72 28.93 31.40 35.67 Test channo dB 25.83 28.90 31.87	Cable 8.71 11.50 13.75 el Cable dB 5.22 8.73 11.57 13.26	Preamp dB 36.62 37.05 35.18 33.99 CH11 Preamp dB 36.55 36.98 35.24	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/n 29.40 33.43 38.49	Limit Ov dBuV/m li 74.00 -44 74.00 -39 74.00 -27 Polarity Limit O dBuV/m l 74.00 -4 74.00 -4 74.00 -3	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak 0.57 Peak 5.51 Peak
Туре	1 2 3 4 Mark 1 2 3	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz 1238.41 3200.50 4996.69 6611.33 802.11g Frequency	dBuV/m 35.71 33.53 33.27 30.81 Reading dBuV/m 34.90 32.78 30.29 30.42	Antenna dB 25.72 28.93 31.40 35.67 Test channe Antenna dB 25.83 28.90 31.87 34.30 Test channe Antenna	Cable dB 5.16 8.71 11.50 13.75 el Cable dB 5.22 8.73 11.57 13.26 el	Preamp dB 36.62 37.05 35.18 33.99 CH11 Preamp dB 36.55 36.98 35.24 34.58 CH11 Preamp	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/m 29.40 33.43 38.49 43.40	Limit Ov dBuV/m li 74.00 -44 74.00 -33 74.00 -27 Polarity Limit O dBuV/m l 74.00 -4 74.00 -4 74.00 -3 74.00 -3 74.00 -3 74.00 -3 74.00 -3	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak 0.57 Peak 5.51 Peak 0.60 Peak Vertical
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz 1238.41 3200.50 4996.69 6611.33 802.11g Frequency MHz	dBuV/m 35.71 33.53 33.27 30.81 Reading dBuV/m 34.90 32.78 30.29 30.42 Reading dBuV/m	Antenna dB 25.72 28.93 31.40 35.67 Test channe Antenna dB 25.83 28.90 31.87 34.30 Test channe Antenna dB Antenna dB Antenna dB Antenna dB	Cable 8.71 11.50 13.75 el Cable 8.73 11.57 13.26 el Cable 68 Cable 68	Preamp dB 36.62 37.05 35.18 33.99 CH11 Preamp dB 36.55 36.98 35.24 34.58 CH11 Preamp dB	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/m 29.40 33.43 38.49 43.40 Level dBuV/m	Limit Ov dBuV/m li 74.00 -44 74.00 -33 74.00 -27 Polarity Limit O dBuV/m l 74.00 -4 74.00 -4 74.00 -3 74.00 -	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak 0.57 Peak 5.51 Peak 0.60 Peak Vertical ver Remark imit
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz 1238.41 3200.50 4996.69 6611.33 802.11g Frequency MHz 1276.82	dBuV/m 35.71 33.53 33.27 30.81 Reading dBuV/m 34.90 32.78 30.29 30.42 Reading dBuV/m 34.48	Antenna dB 25.72 28.93 31.40 35.67 Test channe Antenna dB 25.83 28.90 31.87 34.30 Test channe Antenna dB 25.83 28.90 31.87 34.30	Cable 8.71 11.50 13.75 el Cable 8.73 11.57 13.26 el Cable dB 5.35	Preamp dB 36.62 37.05 35.18 33.99 CH11 Preamp dB 36.55 36.98 35.24 34.58 CH11 Preamp dB 36.39	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/m 29.40 33.43 38.49 43.40 Level dBuV/m 29.39	Limit Ov dBuV/m li 74.00 -44 74.00 -33 74.00 -27 Polarity Limit O dBuV/m l 74.00 -4 74.00 -4 74.00 -3 74.00 -3 74.00 -3 74.00 -3 74.00 -3 74.00 -3 74.00 -4 74.00 -4 74.00 -3 74.00 -4	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak 0.57 Peak 5.51 Peak 0.60 Peak Vertical ver Remark imit 4.61 Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz 1238.41 3200.50 4996.69 6611.33 802.11g Frequency MHz 1276.82 3151.99	dBuV/m 35.71 33.53 33.27 30.81 Reading dBuV/m 34.90 32.78 30.29 30.42 Reading dBuV/m 34.48 33.48	Antenna dB 25.72 28.93 31.40 35.67 Test channe Antenna dB 25.83 28.90 31.87 34.30 Test channe Antenna dB 25.95 29.00	Cable 8.71 11.50 13.75 el Cable 8.73 11.57 13.26 el Cable 68 5.35 8.68	Preamp dB 36.62 37.05 35.18 33.99 CH11 Preamp dB 36.55 36.98 35.24 34.58 CH11 Preamp dB 36.39 37.18	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/m 29.40 33.43 38.49 43.40 Level dBuV/m 29.39 33.98	Limit Ov dBuV/m li 74.00 -44 74.00 -33 74.00 -27 Polarity L Limit O dBuV/m l 74.00 -4 74.00 -4 74.00 -3 74.00 -3 74.00 -3 74.00 -3 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -4	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak 0.57 Peak 5.51 Peak 0.60 Peak Vertical ver Remark imit 4.61 Peak 0.02 Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1219.64 3184.25 4883.52 7045.74 802.11g Frequency MHz 1238.41 3200.50 4996.69 6611.33 802.11g Frequency MHz 1276.82	dBuV/m 35.71 33.53 33.27 30.81 Reading dBuV/m 34.90 32.78 30.29 30.42 Reading dBuV/m 34.48	Antenna dB 25.72 28.93 31.40 35.67 Test channe Antenna dB 25.83 28.90 31.87 34.30 Test channe Antenna dB 25.83 28.90 31.87 34.30	Cable 8.71 11.50 13.75 el Cable 8.73 11.57 13.26 el Cable dB 5.35	Preamp dB 36.62 37.05 35.18 33.99 CH11 Preamp dB 36.55 36.98 35.24 34.58 CH11 Preamp dB 36.39 37.18 35.16	dBuV/m 29.97 34.12 40.99 46.24 Level dBuV/m 29.40 33.43 38.49 43.40 Level dBuV/m 29.39	Limit Ov dBuV/m li 74.00 -44 74.00 -33 74.00 -27 Polarity Limit O dBuV/m li 74.00 -4 74.00 -4 74.00 -3 74.00 -3 74.00 -3 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -4 74.00 -3	er Remark mit .03 Peak .88 Peak .01 Peak .76 Peak Horizontal ver Remark imit 4.60 Peak 0.57 Peak 5.51 Peak 0.60 Peak Vertical ver Remark imit 4.61 Peak

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Туре		802.11n(l	HT20)	Test chann	el	CH01		Polarity		Horizontal
	Mark	Frequency	Reading		Cable		Level		Over	Remark
	1	MHz 1188.98	dBuV/m 36.13	dB 25.56	dB 5.08	dB 36.66	dBuV/m 30.11		limit 43.89	
	2	3192.37	32.89	28.92	8.72	37.01	33.52		43.69 40.48	
	3	4858.72	30.73	31.40	11.51	35.13	38.51		35.49	
	4	6781.78	30.89	34.43	13.69	34.30	44.71		29.29	
	-	0/01./0	30.03	34.43	13.03	54.50	44.71	74.00	25.25	reak
Туре		802.11n(l	HT20)	Test chann	el	CH01		Polarity		Vertical
	Mark	Frequency	Reading	•	Cabl		Level		Over	
	4	MHz 1323.14	dBuV/n	n dB 26.14	dB 5.45	dB	dBuV/m		limi	
	1 2	3112.13	35.32 32.74	29.00	8.63		30.56 33.00		-43.4 -41.0	
	3	4883.52			11.50		38.76			o Peak 4 Peak
	4		31.04	31.40						
<u> </u>	4	6331.33	31.52	33.06	13.43	34.59	43.42	74.00	-50.5	8 Peak
Туре		802.11n(l	HT20)	Test chann	el	CH06		Polarity		Horizontal
	Mark	Frequency	Reading	Antenna	Cabl	e Preamp	Leve	l Limit	0ve	r Remark
		MHz	dBuV/m		dB	dB	dBuV/r		lim	
	1	1210.36	35.85	25.66	5.13		30.01	74.00	-43.9	
	2	3176.16	33.51	28.95	8.70		34.07	74.00	-39.	
	3	4883.52	31.65	31.40	11.50		39.37	74.00	-34.	
	4	6851.19	31.55	34.70	13.54		45.59	74.00	-28.4	
		0031.13	52.55	31170	23,3,	51120	13133	74100	20.	12 Teak
Type		802.11n(l	HT20)	Test chann	el	CH06		Polarity		Vertical
Туре	Mark	802.11n(I	,		el Cable		Level		Over	Vertical Remark
Туре	Mark	,	HT20) Reading dBuV/m	Antenna			Level dBuV/m	Limit	Over limit	Remark
Туре	Mark 1	Frequency	Reading	Antenna	Cable	Preamp		Limit dBuV/m		Remark t
Туре		Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	e Preamp dB	dBuV/m	Limit dBuV/m 74.00 -	limi	Remark t 5 Peak
Туре	1	Frequency MHz 1283.34 3176.16	Reading dBuV/m 34.86 33.79	Antenna dB 25.97 28.95	Cable dB 5.37 8.70	Preamp dB 36.36	dBuV/m 29.84 34.35	Limit dBuV/m 74.00 - 74.00 -	limi: -44.1	Remark t 6 Peak 5 Peak
Туре	1 2	Frequency MHz 1283.34	Reading dBuV/m 34.86	Antenna dB 25.97	Cable dB 5.37	Preamp dB 36.36 37.09	dBuV/m 29.84	Limit dBuV/m 74.00 - 74.00 - 74.00 -	limi: -44.16 -39.6	Remark t 6 Peak 5 Peak 9 Peak
	1 2 3	Frequency MHz 1283.34 3176.16 4883.52 7027.82	Reading dBuV/m 34.86 33.79 33.09 32.41	Antenna dB 25.97 28.95 31.40	Cable dB 5.37 8.70 11.50 13.83	Preamp dB 36.36 37.09 35.18	dBuV/m 29.84 34.35 40.81	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 -	limi: -44.16 -39.6! -33.1	Remark t 6 Peak 5 Peak 9 Peak
Type	1 2 3 4	Frequency MHz 1283.34 3176.16 4883.52 7027.82	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20)	Antenna dB 25.97 28.95 31.40 35.57 Test chann	Cable dB 5.37 8.70 11.50 13.83	Preamp dB 36.36 37.09 35.18 34.01	dBuV/m 29.84 34.35 40.81 47.80	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 -	limin -44.10 -39.69 -33.19 -26.20	Remark t 6 Peak 5 Peak 9 Peak 9 Peak Horizontal
	1 2 3	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20)	Antenna dB 25.97 28.95 31.40 35.57 Test chann	Cable dB 5.37 8.70 11.50 13.83 el	Preamp dB 36.36 37.09 35.18 34.01 CH11	dBuV/m 29.84 34.35 40.81 47.80	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 -	limi: -44.16 -39.69 -33.19 -26.20	Remark 5 Peak 5 Peak 9 Peak 9 Peak Horizontal
	1 2 3 4 Mark	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20)	Antenna dB 25.97 28.95 31.40 35.57 Test chann	Cable dB 5.37 8.70 11.50 13.83 el	Preamp dB 36.36 37.09 35.18 34.01 CH11 Preamp dB	dBuV/m 29.84 34.35 40.81 47.80 Level	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m	limi: -44.16 -39.69 -33.19 -26.20 Over limi	Remark t Peak Peak Peak Peak Peak Horizontal Remark
	1 2 3 4 Mark	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56	Antenna dB 25.97 28.95 31.40 35.57 Test chann g Antenna dB 25.52	Cable dB 5.37 8.70 11.50 13.83 el Cabl dB 5.07	Preamp dB 36.36 37.09 35.18 34.01 CH11 e Preamp dB 36.67	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 -	limi: -44.16 -39.69 -33.19 -26.20 Over limi: -43.5	Remark t Peak Peak Peak Peak Horizontal Remark t Peak
	1 2 3 4 Mark	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39	Antenna dB 25.97 28.95 31.40 35.57 Test chann g Antenna dB 25.52 28.63	Cable dB 5.37 8.70 11.50 13.83 el Cabl dB 5.07 8.92	Preamp dB 36.36 37.09 35.18 34.01 CH11 e Preamp dB 36.67 36.85	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 - 74.00 -	0ver limi: -44.16 -39.69 -33.19 -26.20 0ver limi: -43.5 -39.9	Remark t 6 Peak 5 Peak 9 Peak 0 Peak Horizontal Remark t 2 Peak 1 Peak
	1 2 3 4 Mark	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35 4834.05	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39 30.57	Antenna dB 25.97 28.95 31.40 35.57 Test chann g Antenna dB 25.52 28.63 31.40	Cable dB 5.37 8.70 11.50 13.83 el Cabl dB 5.07 8.92 11.51	Preamp dB 36.36 37.09 35.18 34.01 CH11 e Preamp dB 36.67 36.85 35.20	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09 38.28	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 - 74.00 -	0ver limi: -44.16 -39.6! -26.20 -26.20 -43.5 -39.9 -35.7	Remark t 6 Peak 5 Peak 9 Peak 0 Peak Horizontal Remark t 2 Peak 1 Peak 2 Peak
	1 2 3 4 Mark	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39	Antenna dB 25.97 28.95 31.40 35.57 Test chann g Antenna dB 25.52 28.63	Cable dB 5.37 8.70 11.50 13.83 el Cabl dB 5.07 8.92	Preamp dB 36.36 37.09 35.18 34.01 CH11 e Preamp dB 36.67 36.85 35.20	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 - 74.00 -	0ver limi: -44.16 -39.6! -26.20 -26.20 -43.5 -39.9 -35.7	Remark t 6 Peak 5 Peak 9 Peak 0 Peak Horizontal Remark t 2 Peak 1 Peak
	1 2 3 4 Mark	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35 4834.05	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39 30.57 31.24	Antenna dB 25.97 28.95 31.40 35.57 Test chann g Antenna dB 25.52 28.63 31.40	Cable dB 5.37 8.70 11.50 13.83 el Cabl dB 5.07 8.92 11.51 13.62	Preamp dB 36.36 37.09 35.18 34.01 CH11 e Preamp dB 36.67 36.85 35.20	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09 38.28	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 - 74.00 -	0ver limi: -44.16 -39.6! -26.20 -26.20 -43.5 -39.9 -35.7	Remark t 6 Peak 5 Peak 9 Peak 0 Peak Horizontal Remark t 2 Peak 1 Peak 2 Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35 4834.05 6816.39	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39 30.57 31.24	Antenna dB 25.97 28.95 31.40 35.57 Test chann g Antenna dB 25.52 28.63 31.40 34.57 Test chann	Cable dB 5.37 8.70 11.50 13.83 el Cabl dB 5.07 8.92 11.51 13.62	Preamp dB 36.36 37.09 35.18 34.01 CH11 e Preamp dB 36.67 36.85 35.20 34.24 CH11	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09 38.28 45.19	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - 74.00 - Polarity	1imi: -44.16 -39.69 -33.19 -26.20 Over limi -43.5 -39.9 -35.7 -28.8	Remark t Peak Peak Peak Peak Horizontal Remark t Peak Peak Peak Vertical
Туре	1 2 3 4 Mark	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35 4834.05 6816.39 802.11n(I Frequency	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39 30.57 31.24 HT20) Reading	Antenna dB 25.97 28.95 31.40 35.57 Test chann dB 25.52 28.63 31.40 34.57 Test chann Antenna	Cable dB 5.37 8.70 11.50 13.83 el Cable 13.62 el Cable	Preamp dB 36.36 37.09 35.18 34.01 CH11 Preamp dB 36.67 36.85 35.20 34.24 CH11 Preamp	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09 38.28 45.19	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit	1imir -44.16 -39.69 -33.19 -26.20 Over limi -43.5 -39.9 -35.7 -28.8	Remark t 5 Peak 5 Peak 9 Peak Whorizontal Remark t 2 Peak 1 Peak 2 Peak 1 Peak 1 Peak 1 Peak 1 Peak 1 Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35 4834.05 6816.39 802.11n(I Frequency MHz	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39 30.57 31.24 HT20) Reading dBuV/m	Antenna dB 25.97 28.95 31.40 35.57 Test chann dB 25.52 28.63 31.40 34.57 Test chann dB Antenna dB Antenna dB Antenna dB	Cable dB 5.37 8.70 11.50 13.83 el Cable dB 5.07 8.92 11.51 13.62 el Cable dB	Preamp dB 36.36 37.09 35.18 34.01 CH11 Preamp dB 36.67 36.85 35.20 34.24 CH11 Preamp dB	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09 38.28 45.19 Level dBuV/m	Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 - 74.00 - 74.00 - 74.00 - Polarity Limit dBuV/m 74.00 - Comparity Limit dBuV/m Comparity Limit dBuV/m Comparity Limit dBuV/m	1imir -44.16 -39.69 -33.19 -26.20 Over limir -43.5 -39.9 -35.7 -28.8	Remark t F Peak Peak Peak Peak Horizontal Remark t Peak Peak Peak Vertical Remark t
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35 4834.05 6816.39 802.11n(I Frequency MHz 1241.56	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39 30.57 31.24 HT20) Reading dBuV/m 35.81	Antenna dB 25.97 28.95 31.40 35.57 Test chann dB 25.52 28.63 31.40 34.57 Test chann dB 25.85	Cable dB 5.37 8.70 11.50 13.83 el Cable dB 5.07 8.92 11.51 13.62 el Cable dB 5.23	Preamp dB 36.36 37.09 35.18 34.01 CH11 Preamp dB 36.67 36.85 35.20 34.24 CH11 Preamp dB 36.53	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09 38.28 45.19 Level dBuV/m 30.36	Limit dBuV/m 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 -	1imir -44.16 -39.69 -33.19 -26.20 Over limir -43.5 -39.9 -35.7 -28.8	Remark t 5 Peak 5 Peak 6 Peak 9 Peak Worizontal Remark t 2 Peak 1 Peak 2 Peak 1 Peak 1 Peak 1 Peak 1 Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35 4834.05 6816.39 802.11n(I Frequency MHz 1241.56 3176.16	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39 30.57 31.24 HT20) Reading dBuV/m 35.81 32.55	Antenna dB 25.97 28.95 31.40 35.57 Test chann dB 25.52 28.63 31.40 34.57 Test chann dB 25.85 28.95	Cable dB 5.37 8.70 11.50 13.83 el Cable dB 5.07 8.92 11.51 13.62 el Cable dB 5.23 8.70	Preamp dB 36.36 37.09 35.18 34.01 CH11 Preamp dB 36.67 36.85 35.20 34.24 CH11 Preamp dB 36.53 37.09	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09 38.28 45.19 Level dBuV/m 30.36 33.11	Limit dBuV/m 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 -	1imi: -44.16 -39.69 -33.19 -26.26 Over limi: -43.5 -39.9 -35.7 -28.8 Over limi: -43.6 -40.89	Remark t 5 Peak 5 Peak 6 Peak 9 Peak Worizontal Remark t 2 Peak 1 Peak 2 Peak 1 Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1283.34 3176.16 4883.52 7027.82 802.11n(I Frequency MHz 1179.94 3266.35 4834.05 6816.39 802.11n(I Frequency MHz 1241.56	Reading dBuV/m 34.86 33.79 33.09 32.41 HT20) Reading dBuV/m 36.56 33.39 30.57 31.24 HT20) Reading dBuV/m 35.81	Antenna dB 25.97 28.95 31.40 35.57 Test chann dB 25.52 28.63 31.40 34.57 Test chann dB 25.85	Cable dB 5.37 8.70 11.50 13.83 el Cable dB 5.07 8.92 11.51 13.62 el Cable dB 5.23	Preamp dB 36.36 37.09 35.18 34.01 CH11 Preamp dB 36.67 36.85 35.20 34.24 CH11 Preamp dB 36.53 37.09 35.21	dBuV/m 29.84 34.35 40.81 47.80 Level dBuV/m 30.48 34.09 38.28 45.19 Level dBuV/m 30.36	Limit dBuV/m 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 - 74.00 - 74.00 - 74.00 - 74.00 - 74.00 -	1imir -44.16 -39.69 -33.19 -26.20 Over limir -43.5 -39.9 -35.7 -28.8	Remark t 5 Peak 5 Peak 6 Peak 9 Peak Worizontal Remark t 2 Peak 1 Peak 2 Peak 1 Peak

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Туре		802.11n(l	HT40)	Test channe	el	CH03		Polarity		Horizontal	
	Mark	Frequency MHz	Reading dBuV/	_	Cable dB	e Preamp dB	Level dBuV/m		Over limi		
	1	1241.56	34.62	25.85	5.23	36.53	29.17	74.00	-44.8	The second second	
	2	3072.77	32.34	28.89	8.57		32.28	74.00	-41.7		
	3	4895.97	31.03	31.40	11.50	35.21	38.72	74.00	-35.2		
	4	7045.74	31.09	35.67	13.75	33.99	46.52	74.00	-27.4	8 Peak	
Туре		802.11n(l	HT40)	Test channe	el	CH03		Polarity		Vertical	
	Mark	Frequency	Reading	•	Cabl		Leve]		0ve		
		MHz	dBuV/n		dB	dB	dBuV/n				
	1	1216.53	35.91	25.70	5.15		30.14	74.00	-43.		
	2	3151.99	33.41	29.00	8.68		33.91	74.00	-40.0		
	3	4809.50	31.22	31.40	11.52		38.86	74.00	-35.		
	4	6511.12	30.92	34.04	13.14	34.72	43.38	74.00	-30.	52 Peak	
Туре		802.11n(l	HT40)	Test channe	el	CH06		Polarity		Horizontal	
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	0ver	Remark	
	nark	MHz	dBuV/m	•	dB	dB	dBuV/m		limi		
	1	1276.82	34.90	25.95	5.35	36.39	29.81	74.00	-44.1	-	
	2	3192.37	32.71	28.92	8.72	37.01	33.34	74.00	-40.6		
	3	4920.96	32.01	31.44	11.51	35.21	39.75	74.00	-34.2		
	4	6645.07	31.58	34.30	13.47	34.54	44.81	74.00	-29.1		
	-	0043.07	31.30	34.50	13.47	34.34	44.01	74.00	23.1) Feak	
Туре		802.11n(l	HT40)	Test channe	el	CH06		Polarity		Vertical	
Туре	Mark		,				Level	•	Over	Vertical Remark	
Туре	Mark	802.11n(Frequency	HT40) Reading	g Antenna	el Cable		Level dBuV/m	Polarity Limit dBuV/m	Over limit	Remark	
Type	Mark 1	Frequency	Reading	g Antenna	Cable	Preamp		Limit		Remark	
Туре		Frequency MHz	Reading dBuV/n	g Antenna n dB	Cable dB	e Preamp dB	dBuV/m	Limit dBuV/m	limit	Remark Peak	
Туре	1	Frequency MHz 1299.77	Reading dBuV/n 34.67	g Antenna n dB 26.00	Cable dB 5.42	Preamp dB 36.29	dBuV/m 29.80	Limit dBuV/m 74.00	limit -44.20	Remark Peak Peak	
Туре	1 2	Frequency MHz 1299.77 3192.37	Reading dBuV/n 34.67 33.20	g Antenna n dB 26.00 28.92	Cable dB 5.42 8.72	Preamp dB 36.29 37.01	dBuV/m 29.80 33.83	Limit dBuV/m 74.00 74.00 74.00	limit -44.20 -40.17	Remark Peak Peak Peak	
Туре	1 2 3	Frequency MHz 1299.77 3192.37 4846.37	Reading dBuV/n 34.67 33.20 32.17	Antenna dB 26.00 28.92 31.40	Cable dB 5.42 8.72 11.51	Preamp dB 36.29 37.01 35.17	dBuV/m 29.80 33.83 39.91	Limit dBuV/m 74.00 74.00 74.00	limit -44.20 -40.17 -34.09	Remark Peak Peak Peak	
Type	1 2 3	Frequency MHz 1299.77 3192.37 4846.37	Reading dBuV/n 34.67 33.20 32.17 30.91	Antenna dB 26.00 28.92 31.40	Cable dB 5.42 8.72 11.51 13.19	Preamp dB 36.29 37.01 35.17	dBuV/m 29.80 33.83 39.91 42.73	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -44.20 -40.17 -34.09	Remark Peak Peak Peak	
	1 2 3	Frequency MHz 1299.77 3192.37 4846.37 6379.86	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40)	Antenna dB 26.00 28.92 31.40 33.28 Test channe	Cable dB 5.42 8.72 11.51 13.19 el	Preamp dB 36.29 37.01 35.17 34.65 CH09	dBuV/m 29.80 33.83 39.91 42.73	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -44.20 -40.17 -34.09 -31.27	Remark Peak Peak Peak Peak Horizontal Remark	
	1 2 3 4	Frequency MHz 1299.77 3192.37 4846.37 6379.86	Reading dBuV/n 34.67 33.20 32.17 30.91	Antenna dB 26.00 28.92 31.40 33.28 Test channe	Cable dB 5.42 8.72 11.51 13.19	Preamp dB 36.29 37.01 35.17 34.65	dBuV/m 29.80 33.83 39.91 42.73	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limit -44.20 -40.17 -34.09 -31.27	Remark Peak Peak Peak Peak Horizontal Remark	
	1 2 3 4 Mark	Frequency MHz 1299.77 3192.37 4846.37 6379.86	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40)	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94	Cable dB 5.42 8.72 11.51 13.19 el	Preamp dB 36.29 37.01 35.17 34.65 CH09 e Preamp dB	dBuV/m 29.80 33.83 39.91 42.73	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9	Remark Peak Peak Peak Peak Horizontal Remark t 9 Peak	
	1 2 3 4 Mark	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/ 34.17 33.41	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65	Preamp dB 36.29 37.01 35.17 34.65 CH09 e Preamp dB 36.42 37.29	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9	Remark Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak	
	1 2 3 4 Mark 1 2 3	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01 4821.76	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/n 34.17 33.41 31.70	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00 31.40	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65 11.52	Preamp dB 36.29 37.01 35.17 34.65 CH09 Preamp dB 36.42 37.29 35.24	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77 39.38	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -40.2 -34.6	Remark Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak 2 Peak	
	1 2 3 4 Mark	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/ 34.17 33.41	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65	Preamp dB 36.29 37.01 35.17 34.65 CH09 Preamp dB 36.42 37.29 35.24	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -40.2 -34.6	Remark Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak	
	1 2 3 4 Mark 1 2 3	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01 4821.76	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/n 34.17 33.41 31.70 31.25	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00 31.40	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65 11.52 13.20	Preamp dB 36.29 37.01 35.17 34.65 CH09 Preamp dB 36.42 37.29 35.24	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77 39.38	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -40.2 -34.6	Remark Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak 2 Peak	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01 4821.76 6251.26	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/n 34.17 33.41 31.70 31.25	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00 31.40 32.90 Test channe	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65 11.52 13.20	Preamp dB 36.29 37.01 35.17 34.65 CH09 Preamp dB 36.42 37.29 35.24 34.59 CH09	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77 39.38 42.76	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -40.2 -34.6 -31.2	Remark Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak 2 Peak 4 Peak Vertical	
Туре	1 2 3 4 Mark 1 2 3	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01 4821.76 6251.26 802.11n(H Frequency	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/n 34.17 33.41 31.70 31.25 HT40) Reading Rea	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00 31.40 32.90 Test channe g Antenna	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65 11.52 13.20 el Cable	Preamp dB 36.29 37.01 35.17 34.65 CH09 e Preamp dB 36.42 37.29 35.24 34.59 CH09 e Preamp	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77 39.38 42.76	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -34.6 -31.2	Remark Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak 2 Peak 4 Peak Vertical	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01 4821.76 6251.26 802.11n(H Frequency MHz	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/n 34.17 33.41 31.70 31.25 HT40) Reading dBuV/n dBuV/n 34.17 33.41 31.70 31.25	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00 31.40 32.90 Test channe dB Antenna dB Antenna dB Antenna dB	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65 11.52 13.20 el Cable dB	Preamp dB 36.29 37.01 35.17 34.65 CH09 e Preamp dB 36.42 37.29 35.24 34.59 CH09 e Preamp dB	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77 39.38 42.76	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 60 60 60 60 60 60 60 60 60 60 60 60 60	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -34.6 -31.2	Remark Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak 2 Peak 4 Peak Vertical r Remark it	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01 4821.76 6251.26 802.11n(H Frequency MHz 1232.12	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/n 34.17 33.41 31.70 31.25 HT40) Reading dBuV/n 35.10	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00 31.40 32.90 Test channe dB 25.79 Antenna dB 25.79	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65 11.52 13.20 el Cable dB 5.20	Preamp dB 36.29 37.01 35.17 34.65 CH09 e Preamp dB 36.42 37.29 35.24 34.59 CH09 e Preamp dB 36.57	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77 39.38 42.76	Limit dBuV/m 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	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -34.6 -31.2	Remark Peak Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak 2 Peak 4 Peak Vertical r Remark it 48 Peak	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01 4821.76 6251.26 802.11n(H Frequency MHz 1232.12 3168.08	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Reading dBuV/n 34.17 33.41 31.70 31.25 HT40) Reading dBuV/n 35.10 33.90	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00 31.40 32.90 Test channe g Antenna dB 25.79 28.96	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65 11.52 13.20 el Cable dB 5.20 8.70	Preamp dB 36.29 37.01 35.17 34.65 CH09 Preamp dB 36.42 37.29 35.24 34.59 CH09 Preamp dB 36.57 37.12	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77 39.38 42.76 Level dBuV/n 29.52 34.44	Limit dBuV/m 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 -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -31.2 Over lim: -44.4	Remark Peak Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak 2 Peak 4 Peak Vertical r Remark it 18 Peak 56 Peak	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1299.77 3192.37 4846.37 6379.86 802.11n(H Frequency MHz 1270.33 3128.01 4821.76 6251.26 802.11n(H Frequency MHz 1232.12	Reading dBuV/n 34.67 33.20 32.17 30.91 HT40) Readin dBuV/n 34.17 33.41 31.70 31.25 HT40) Reading dBuV/n 35.10	Antenna dB 26.00 28.92 31.40 33.28 Test channe g Antenna dB 25.94 29.00 31.40 32.90 Test channe dB 25.79 Antenna dB 25.79	Cable dB 5.42 8.72 11.51 13.19 el Cabl dB 5.32 8.65 11.52 13.20 el Cable dB 5.20	Preamp dB 36.29 37.01 35.17 34.65 CH09 e Preamp dB 36.42 37.29 35.24 34.59 CH09 e Preamp dB 36.57 37.12 35.18	dBuV/m 29.80 33.83 39.91 42.73 Level dBuV/m 29.01 33.77 39.38 42.76	Limit dBuV/m 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	limit -44.20 -40.17 -34.09 -31.27 Over limi -44.9 -31.2 Over lim: -44.4	Remark Peak Peak Peak Peak Peak Horizontal Remark t 9 Peak 3 Peak 2 Peak 4 Peak Vertical r Remark it 18 Peak 56 Peak	

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6. TEST SETUP PHOTOS

Radiated Emission







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AC Conducted Emission



7. EXTERANAL AND INTERNAL PHOTOS

Reference to the test report No. : CHTEW20080142.

8. APPENDIX REPORT