# TEST REPORT

Report No. .....: CHTEW21070023

Report Verification:

Project No...... SHT2106014501EW

FCC ID.....: B32T650M

Applicant's name...... VeriFone Inc

Address...... Suite 200 1400 W Stanford Ranch Rd Rocklin CA 95765

Test item description .....: Point of Sale Terminal

Trade Mark ...... Verifone

Model/Type reference...... T650m

Listed Model(s) ...... T650m-2

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

Date of receipt of test sample........... Jun. 10, 2021

Date of testing...... Jun. 11, 2021- Jul. 07, 2021

Date of issue...... Jul. 08, 2021

Result.....: PASS

Compiled by

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

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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	2021-07-08	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 <sup>*1</sup>
5.7	Duty cycle	-	PASS <sup>*1</sup>
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.

 <sup>\*1:</sup> No requirement on standard, only report these test data.

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# 3. **SUMMARY**

## 3.1. Client Information

Applicant:	VeriFone Inc
Address:	Suite 200 1400 W Stanford Ranch Rd Rocklin CA 95765
Manufacturer:	Verifone Systems (China) Inc.
Address:	Rm 318, south of Bld C18, Startup Headquarters Base, North of Fuyuan Road, Wuqing Development Area, Tianjin, China, 301700
Factory:	Cal-Comp Electronics (Thailand) Public Co., Ltd.
Address:	No. 138, Village No. 4, Phetchakasem Road, Sa Phang Subdistrict, Khao Yoi District, 76140, Phetchaburi Province, Thailand

# 3.2. Product Description

Name of EUT:	Point of Sale Terminal
Trade Mark:	Verifone
Model No.:	T650m
Listed Model(s):	T650m-2
Battery Information:	DC 3.7V,2800mAh
Adapter Information:	Model:S010CNU0500200 Input: AC100-240V, 50/60Hz, 400mA Output: 5.0Vdc, 2000mA
Hardware version:	DVT
Software version:	1A.0.0

# 3.3. Radio Specification Description

Support type*2:	802.11b, 802.11g, 802.11n(HT20)
Modulation:	DSSS for 802.11b
	OFDM for 802.11g/802.11n(HT20)
Operation frequency:	2412MHz~2462MHz for 802.11b/802.11g/802.11n(HT20)
Channel number:	11 for 802.11b/802.11g/802.11n(HT20)
Channel separation:	5MHz
Antenna type:	FPC Antenna
Antenna gain:	1.13dBi

Note:

<sup>\*2:</sup> 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/802.11g/802.11n(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 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 E	mission					
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Shielded Room	Albatross projects	HTWE0114	N/A	N/A	2018/09/28	2023/09/27
•	EMI Test Receiver	R&S	HTWE0111	ESCI	101247	2020/10/19	2021/10/18
•	Artificial Mains	SCHWARZBECK	HTWE0113	NNLK 8121	573	2020/10/15	2021/10/14
•	Pulse Limiter	R&S	HTWE0033	ESH3-Z2	100499	2020/10/15	2021/10/14
•	RF Connection Cable	HUBER+SUHNER	HTWE0113-02	ENVIROFLE X_142	EF-NM- BNCM-2M	2020/10/15	2021/10/14
•	Test Software	R&S	N/A	ES-K1	N/A	N/A	N/A

•	Radiated emi	ssion-6th test sit	te				
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	HTWE0127	SAC-3m-02	C11121	2018/09/30	2021/09/29
•	EMI Test Receiver	R&S	HTWE0099	ESCI	100900	2020/10/19	2021/10/18
•	Loop Antenna	R&S	HTWE0170	HFH2-Z2	100020	2021/04/06	2022/04/05
•	Ultra-Broadband Antenna	SCHWARZBECK	HTWE0123	VULB9163	538	2021/04/06	2022/04/05
•	Pre-Amplifer	SCHWARZBECK	HTWE0295	BBV 9742	N/A	2020/11/13	2021/11/12
•	RF Connection Cable	HUBER+SUHNER	HTWE0062-01	N/A	N/A	2021/02/26	2022/02/25
•	RF Connection Cable	HUBER+SUHNER	HTWE0062-02	SUCOFLEX104	501184/4	2021/02/26	2022/02/25
•	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	2021/09/26
•	Spectrum Analyzer	R&S	HTWE0098	FSP40	100597	2020/10/20	2021/10/19
•	Horn Antenna	SCHWARZBECK	HTWE0126	9120D	1011	2020/04/01	2023/03/31
•	Broadband Horn Antenna	SCHWARZBECK	HTWE0103	BBHA9170	BBHA9170472	2018/10/11	2021/10/11
•	Pre-amplifier	CD	HTWE0071	PAP-0102	12004	2020/11/13	2021/11/12
•	Broadband Pre- amplifier	SCHWARZBECK	HTWE0201	BBV 9718	9718-248	2021/03/05	2022/03/04
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-01	6m 18GHz S Serisa	N/A	2021/02/26	2022/02/25
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-02	6m 3GHz RG Serisa	N/A	2021/02/26	2022/02/25
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-03	6m 3GHz RG Serisa	N/A	2021/02/26	2022/02/25
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-04	6m 3GHz RG Serisa	N/A	2021/02/26	2022/02/25
•	RF Connection Cable	HUBER+SUHNER	HTWE0121-01	6m 18GHz S Serisa	N/A	2021/02/26	2022/02/25
•	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	2020/10/19	2021/10/18
•	Spectrum Analyzer	Agilent	N9020A	MY50510187	2020/10/19	2021/10/18
•	Power Meter	Anritsu	ML249A	N/A	2020/10/19	2021/10/18
0	Radio communication tester	R&S	CMW500	137688-Lv	2020/10/19	2021/10/18

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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**

$oxed{oxed}$ Passed	☐ Not Applicable
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The antenna type is a FPC antenna, the directional gain of the antenna less than 6 dBi, please refer to the below antenna photo.



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#### 5.2. AC Conducted Emission

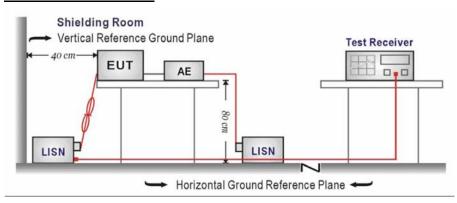
#### LIMIT

#### FCC CFR Title 47 Part 15 Subpart C Section 15.207

Fragues ou range (MHz)	Limit (d	BuV)
Frequency range (MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

<sup>\*</sup> Decreases with the logarithm of the frequency.

#### **TEST CONFIGURATION**



#### **TEST PROCEDURE**

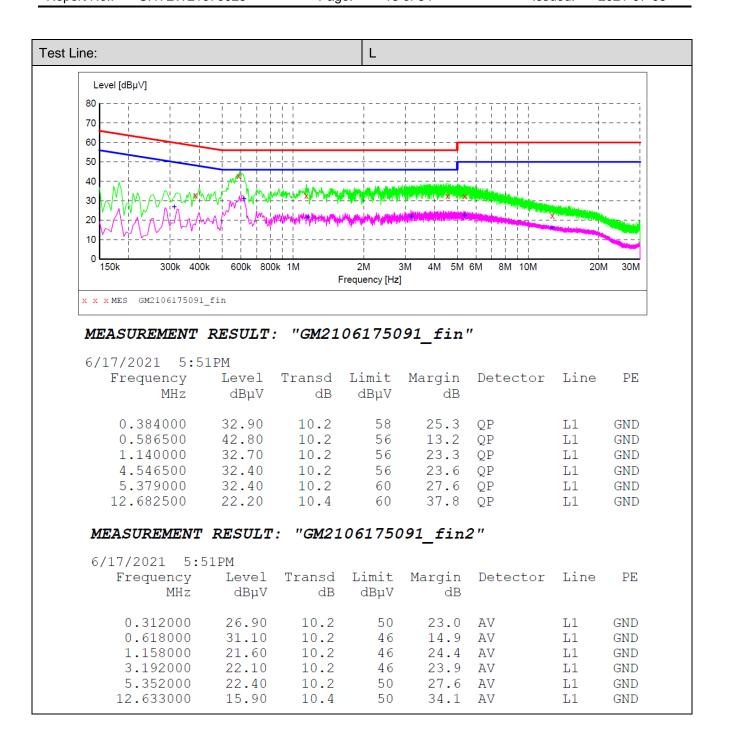
- 1. The EUT was setup according to ANSI C63.10 requirements.
- The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any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

### TEST MODE:

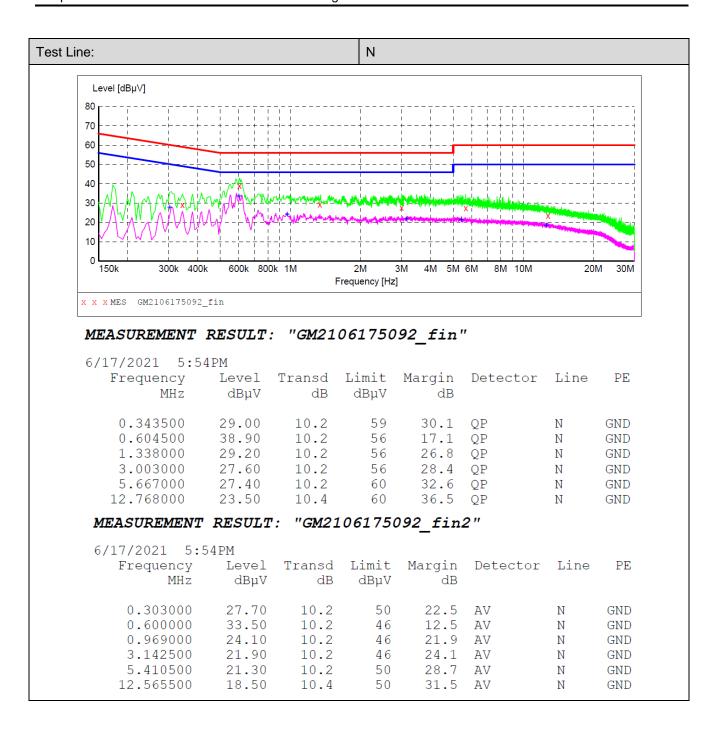
Please refer to the clause 4.2

#### **TEST RESULT**

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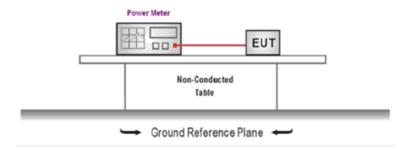
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# 5.3. Peak Output Power

#### LIMIT

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

#### **TEST CONFIGURATION**



#### **TEST PROCEDURE**

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

#### **TEST MODE:**

Please refer to the clause 4.2

#### **TEST RESULT**

#### **TEST Data**

Please refer to appendix A on the appendix report

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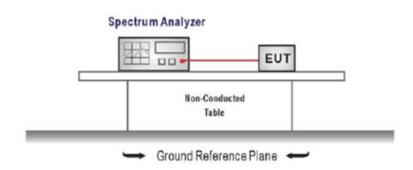
# 5.4. Power Spectral Density

#### LIMIT

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

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

#### **TEST CONFIGURATION**



#### **TEST PROCEDURE**

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

Center frequency=DTS channel center frequency

Span =1.5 times the DTS bandwidth

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

Sweep time = auto couple

Detector = peak

Trace mode = max hold

- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter wave form on the spectrum analyzer.
- 4. Use the peak marker function to determine the maximum amplitude level within the RBW.
- 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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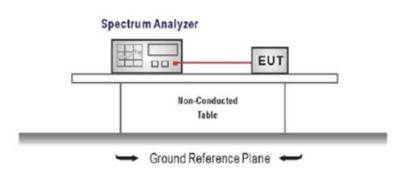
#### 5.5. 6dB bandwidth

#### **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.
- 2. Configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).

Center Frequency =DTS channel center frequency

Span=2 x DTS bandwidth

RBW = 100 kHz, VBW ≥ 3 × RBW

Sweep time= auto couple

Detector = Peak

Trace mode = max hold

- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter 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

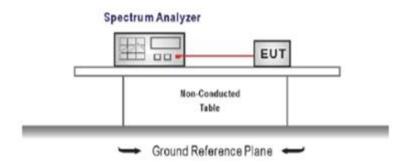
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# 5.6. 99% Occupied Bandwidth

#### **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

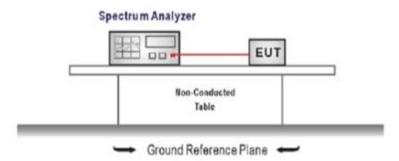
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# 5.7. Duty Cycle

#### **LIMIT**

N/A

### **TEST CONFIGURATION**



#### **TEST PROCEDURE**

- 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  $\geq$  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

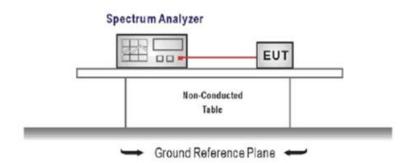
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# 5.8. Conducted Band edge and Spurious Emission

#### **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	RESUL	Γ
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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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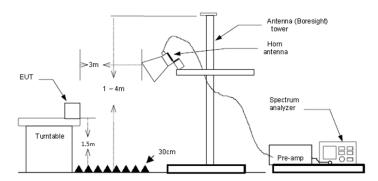
### 5.9. Radiated Band edge Emission

#### 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**

□ Passed □ Not Applicable

#### Note:

- 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 ch	annel	СН	101		Polarity	Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream dB	p Aux dB	Lev dBu		Over Remark Limit
	_	2310.00 2390.01	30.10 29.48	27.96 27.72	7.30 7.72	37.56 37.45	20.00	47.8 47.4		5.20 Peak 5.53 Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/		
	1 2	2310.00 2390.01	23.07 22.30	27.96 27.72		37.56 37.45	20.00 20.00		.77 54.00 -13.2 .29 54.00 -13.7	•
Туре		802.11b		Test ch	annel	СН	101		Polarity	Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	e Prear dB	np Aux dB			Over Remark limit
	1	2310.00 2390.01	31.17 29.92	27.96 27.72	7.30 7.72				37 74.00 -2 01 74.00 -2	
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/		
	1	2310.00 2390.01	23.71 22.70	27.96 27.72		37.56 37.45	20.00 20.00		.41 54.00 -12. 0.69 54.00 -13.	

Туре		802.11b	1	Test ch	annel	CH	11	Po	larity		Horizontal
-	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	23.80	27.43	7.80	37.26	20.00	41.77	54.00 -	12.23	Average
	2	2500.00	22.30	27.40	7.81	37.26	20.00	40.25	54.00 -	13.75	Average
•	Mark	Frequency	Reading					Level	Limit	0ver	
	_	MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m		
	1	2483.49	30.32	27.43	7.80	37.26	20.00	48.29	74.00	-25.71	
	2	2500.00	31.37	27.40	7.81	37.26	20.00	49.32	74.00	-24.68	Peak
Туре		802.11b		Test ch	annel	CH	11	Po	larity		Vertical
-	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB	dΒ	dBuV/m	dBuV/m	limit	
	1	2483.49	23.16	27.43	7.80	37.26	20.00	41.13	54.00	-12.87	Average
	2	2500.00	22.78	27.40	7.81	37.26	20.00	40.73	54.00	-13.27	Average
-	Mark	Frequency	_	Antenna				Level	Limit	0ve	
						dB			dBuV/n		
		MHz	dBuV/m	dB	dB		dB	dBuV/m			
	1 2	MHz 2483.49 2500.00	dBuV/m 30.11 30.12	27.43 27.40	7.80 7.81	37.26 37.26	20.00	48.08 48.07	74.00	-25.92 -25.93	2 Peak

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Туре		802.11g		Test cha	annel	CH	01	F	Polarity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m		Over limi	
	_	2310.00 2390.01	23.86 25.69	27.96 27.72	7.30 7.72	37.56 37.45	20.00 20.00		56 54.00 68 54.00		
-	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream	p Aux dB	Leve:		: Ove	
	1 2	2310.00 2390.01	-	27.96 27.72	7.30 7.72	37.56 37.45	20.00	47.12 49.46	74.00	-26.8	38 Peak
Туре		802.11g		Test cha	annel	CH	01	F	Polarity		Vertical
	Mark	Frequency MHz	_	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/n		Over	Remark
	1 2	2310.00 2390.01			7.30	37.56 37.45	20.00	41.	55 54.00 16 54.00	-12.45	Average
-	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream	p Aux dB	Leve dBuV			
	1 2	2310.00 2390.01	30.44 31.02	27.96 27.72	7.30 7.72	37.56 37.45	20.00	48.14 49.01	74.00	-25.8	86 Peak

Туре		802.11	g	Test ch	nannel	CH	l11	P	olarity		Horizontal
	Mark		_					Level	Limit	Over	Remark
	1	MHz 2483.49	dBuV/m 39.05	dB 27.43	dB 7.80	dB 37.26	dB 20.00	dBuV/m 57.02	dBuV/m 74.00		
	2	2500.00	30.15	27.40	7.81	37.26	20.00	48.10	74.00		
-	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	32.31	27.43	7.80	37.26	20.00	50.28	54.00	-3.72	Average
	2	2500.00	22.42	27.40	7.81	37.26	20.00	40.37	54.00	-13.63	Average
Туре		802.11	g	Test ch	nannel	CH	l11	P	olarity		Vertical
-	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream;	Aux dB	Level dBuV/m	Limit dBuV/r		
	1		36.52		7.80		20.00	54.49	-		
	2	2500.00	30.53	27.40	7.81	37.26	20.00	48.48	74.00	-25.52	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	-	27.43	7.80	37.26	20.00	-	54.00	-8.99	Average
	_										

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Туре		802.11n	(HT20)	Test	channel	С	CH01	P	olarity	Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream dB	p Aux dB	Level dBuV/m	Limit Ove	
	1 2	2310.00 2390.01	30.58 35.39	27.96 27.72		37.56 37.45	20.00 20.00	48.28 53.38	74.00 -25.7 74.00 -20.6	
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit Over dBuV/m limi	
	1 2	2310.00 2390.01	23.92 26.00	27.96 27.72		37.56 37.45	20.00 20.00		54.00 -12.38 54.00 -10.01	
Туре		802.11n	(HT20)	Test	channel	С	CH01	Р	olarity	Vertical
	Mark	Frequency	Reading	Antenna	Cable					
		MHz	dBuV/m	dB	dB	Pream dB	np Aux dB	Level dBuV/m		er Remark mit
	1 2				dB 7.30		dB		dBuV/m li	mit 05 Peak
	2	MHz 2310.00	dBuV/m 31.25 30.77	dB 27.96	dB 7.30 7.72	dB 37.56	dB 20.00 20.00	dBuV/m 48.95	dBuV/m li 74.00 -25.	mit 05 Peak 24 Peak  Remark

Туре		802.11n(	HT20)	Test	channe	el C	H11	Po	olarity		Horizontal
-	Mark	Frequency	_						Limit	0ver	Remark
	1	MHz 2483.49						46.96	54.00	limit -7.04	Average
	2	2500.00	26.17	27.40	7.81	37.26	20.00	44.12	54.00	-9.88	Average
	Mark	Frequency	_				•	Level	Limit		
	1	MHz 2483.49	dBuV/m 41.88	dB 27.43	dB 7.80	dB 37.26	dB 20.00	dBuV/m 59.85		m lin -14.1	
	2	2500.00	30.15			37.26				-25.9	
Туре		802.11n(	HT20)	Test	channe	el C	:H11	Po	olarity		Vertical
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	Over	Remark
		MHz	•	dB	dB	dB	dB			limit	
	1	2483.49	28.06	2/43	7.80	37.26		46.03	5/1 (4/4	-7.97	Average
	2					37.26	20.00		54.00		
		2500.00 Frequency	23.19 Reading	27.40 Antenna	7.81 Cable	37.26  Pream	20.00 p Aux	41.14 Level	54.00 Limit	-12.86  Over	Average  Remark
		2500.00	23.19	27.40  Antenna dB	7.81	37.26	20.00  p Aux dB	41.14	54.00	-12.86  Over limi	Average  Remark t

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# 5.10. Radiated Spurious Emission

#### LIMIT

## FCC CFR Title 47 Part 15 Subpart C Section 15.209

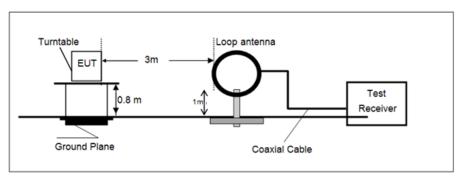
Frequency	Limit (dBuV/m)	Value
0.009 MHz ~0.49 MHz	2400/F(kHz) @300m	Quasi-peak
0.49 MHz ~ 1.705 MHz	24000/F(kHz) @30m	Quasi-peak
1.705 MHz ~30 MHz	30 @30m	Quasi-peak

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.

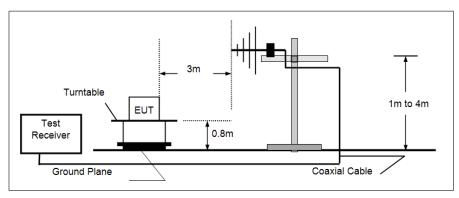
Frequency	Limit (dBuV/m @3m)	Value
30MHz~88MHz	40.00	Quasi-peak
88MHz~216MHz	43.50	Quasi-peak
216MHz~960MHz	46.00	Quasi-peak
960MHz~1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
Above IGHZ	74.00	Peak

#### **TEST CONFIGURATION**

#### → 9 kHz ~ 30 MHz

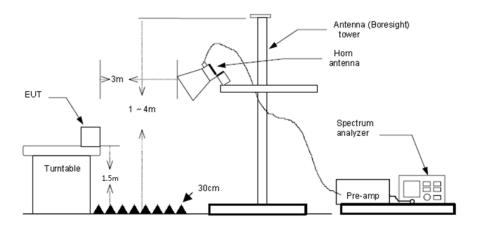


#### > 30 MHz ~ 1 GHz



Above 1 GHz

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#### **TEST PROCEDURE**

- 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.

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) Over Limit = Level- Limit
- 3) Average measurement was not performed if peak level is lower than average limit(54 dBuV/m) for above 1GHz.

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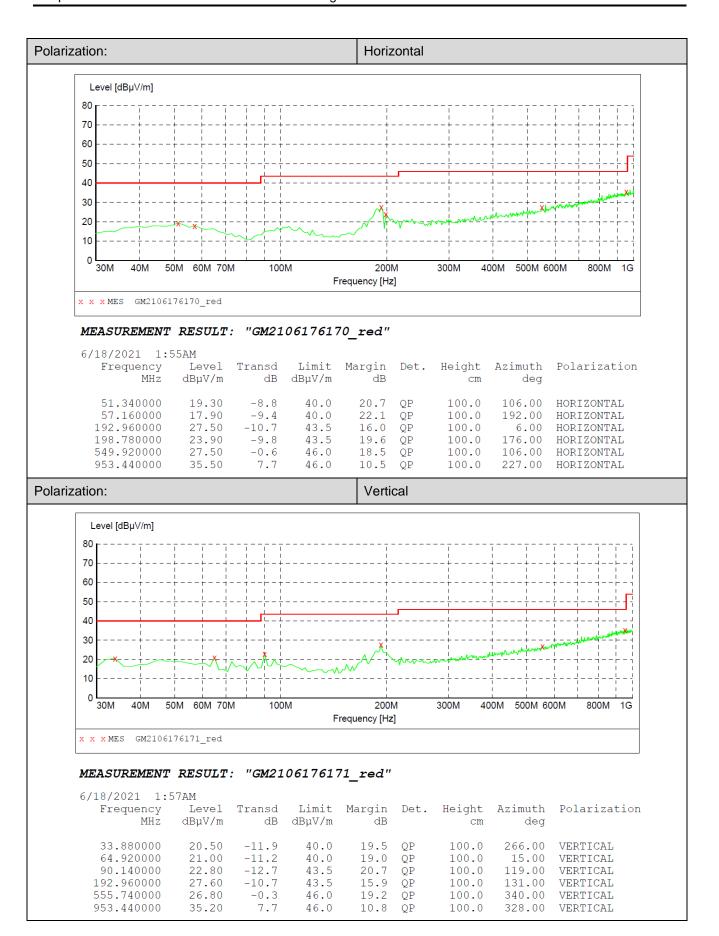
## TEST DATA FOR 9 kHz ~ 30 MHz

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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# TEST DATA FOR 1 GHz ~ 25 GHz

Туре			802.111	b	Test ch	annel		CH0 <sup>2</sup>	1		Polarity		Horizontal	
	Mark 1	1	equency MHz 0.33	Reading dBuV/m 35.09	Antenna dB 25.94	dB	Pre dE 36.4	3	Aux dB 0.00	Level dBuV, 29.93		Over limi	t	
	2	3588	3.94	33.51	29.38		36.9		0.00	36.02	74.00	-37.98		
	3		1.99	31.20	30.69		36.1		0.00	36.38	74.00	-37.62		
	4	796:	1.43	30.57	36.95	14.41	33.3	32	0.00	48.61	74.00	-25.39	Peak	
Туре			802.11	b	Test ch	nannel		CH0 <sup>2</sup>	1		Polarity		Vertical	
	Mark		quency Hz	Reading dBuV/m	Antenna dB	Cable dB	Pro di		Aux dB	Leve dBuV		Ove n lim		
	1	1260	0.67	36.03	25.92		36.4	46	0.00	30.78	74.00	-43.2	2 Peak	
	2	3570		34.24	29.34		36.		0.00	36.66		-37.3		
	3	5138		31.81	32.05		35.4		0.00	39.87		-34.1		
	4	8022	2.46	30.91	37.14	14.29	33.	31	0.00	49.03	74.00	-24.9	7 Peak	
Туре			802.111	b	Test ch	nannel		CH06			Polarity		Horizontal	
			equency MHz	dBuV/m	dB	dB	d	В	dB	Leve dBuV	/m dBuV/m		it	
	1		6.47	34.28	25.99		36. 36.		0.00 0.00	29.38 34.79		-44.62 -39.21		
	2		5.70 1.68	33.18 31.68	28.87 31.99		35.		0.00	39.70		-34.30		
	4		4.41	31.23	39.53		36.		0.00	49.48		-24.5		
Туре			802.111		Test ch			CH06	3		Polarity		Vertical	
71														
		_	quency	Reading	Antenna	Cable	Dne	eamp	Aux	Level	l Limit	0ver	Remark	
	Mark	M	Hz	dBuV/m	dB	dB	dE	3	dB	dBuV,	/m dBuV/m	limi	t	
	1	۸ 1195	Hz .05	35.83	25.58	dB 5.08	dE 36.6	3 55	dB 0.00	dBuV, 29.84	/m dBuV/m 74.00	limi -44.16	t Peak	
	1 2	1195 4267	Hz .05 .18	35.83 33.95	25.58 30.23	dB 5.08 10.58	dE 36.6 36.1	3 55 L1	dB 0.00 0.00	dBuV/ 29.84 38.65	/m dBuV/m 74.00 74.00	limi -44.16 -35.35	t Peak Peak	
	1	۸ 1195	Hz .05 .18 .52	35.83 33.95 31.26	25.58 30.23 32.20	dB 5.08 10.58 11.45	dE 36.6	3 55 11 46	dB 0.00 0.00 0.00	dBuV, 29.84	/m dBuV/m 74.00 74.00 74.00	limi -44.16	t Peak Peak Peak	
Туре	1 2 3	1195 4267 5086	Hz .05 .18 .52	35.83 33.95 31.26 30.55	25.58 30.23 32.20	dB 5.08 10.58 11.45 14.29	dE 36.6 36.1 35.4 33.3	3 55 11 46	dB 0.00 0.00 0.00 0.00	dBuV/ 29.84 38.65 39.45	/m dBuV/m 74.00 74.00 74.00	limi -44.16 -35.35 -34.55	t Peak Peak Peak	
Туре	1 2 3 4	1195 4267 5086 8022	1Hz 1.05 1.18 1.52 1.46 802.11	35.83 33.95 31.26 30.55	25.58 30.23 32.20 37.14 Test ch	dB 5.08 10.58 11.45 14.29	dE 36.6 36.1 35.4 33.3	3 55 11 46 31 CH1	dB 0.00 0.00 0.00 0.00	dBuV/ 29.84 38.65 39.45 48.67	/m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	limi -44.16 -35.35 -34.55 -25.33	t Peak Peak Peak Peak Peak Horizontal	
Туре	1 2 3 4	1195 4267 5086 8022 rk F	MHz 05 18 52 46 802.11I Frequency MHz	35.83 33.95 31.26 30.55 b	25.58 30.23 32.20 37.14 Test ch	dB 5.08 10.58 11.45 14.29 nannel	dE 36.6 36.1 35.4 33.3	3 55 11 46 31 CH1′	dB 0.00 0.00 0.00 0.00 1	dBuV/ 29.84 38.65 39.45 48.67 Leve dBuV	/m dBuV/m 74.00 74.00 74.00 74.00 Polarity  Limit /m dBuV/m	limi -44.16 -35.35 -34.55 -25.33 Over limi	Peak Peak Peak Peak Peak  Horizontal Remark	
Туре	1 2 3 4	M 1195 4267 5086 8022 rk F	MHz 05 18 52 46 802.11I Frequency MHz 222.74	35.83 33.95 31.26 30.55 b	25.58 30.23 32.20 37.14 Test ch	dB 5.08 10.58 11.45 14.29 nannel a Cable dB 5.17	dE 36.6 36.1 35.4 33.3 Pr	3 55 11 46 31 CH1' reamp 18 61	dB 0.00 0.00 0.00 0.00 1  Aux dB 0.00	dBuV, 29.84 38.65 39.45 48.67 Leve dBuV 29.57	/m dBuV/m 74.00 74.00 74.00 74.00 Polarity  Limit /m dBuV/m 74.00	limi -44.16 -35.35 -34.55 -25.33 Over limi -44.43	Peak Peak Peak Peak  Horizontal Remark t	
Туре	1 2 3 4	M 1195 4267 5086 8022 rk F	802.11 802.11 802.11 802.11	35.83 33.95 31.26 30.55 b / Reading dBuV/m 35.27 32.82	25.58 30.23 32.20 37.14 Test ch Antenna dB 25.74 29.40	dB 5.08 10.58 11.45 14.29 nannel a Cable dB 5.17 9.79	dE 36.6 36.1 35.4 33.3 Pr d 36.	CH1′ CH1′ Ceamp	dB 0.00 0.00 0.00 1 Aux dB 0.00 0.00	dBuV, 29.84 38.65 39.45 48.67  Leve dBuV 29.57 34.96	/m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit /m dBuV/m 74.00 74.00	limi -44.16 -35.35 -34.55 -25.33  Over limi -44.43 -39.04	Peak Peak Peak Peak  Horizontal Remark t Peak Peak	
Туре	1 2 3 4	M 1195 4267 5086 8022 rk F	MHz 05 18 52 46 802.11I Frequency MHz 222.74	35.83 33.95 31.26 30.55 b	25.58 30.23 32.20 37.14 Test ch	dB 5.08 10.58 11.45 14.29 nannel a Cable dB 5.17	dE 36.6 36.1 35.4 33.3 Pr d 36. 37.	CH1′ CH1′ Ceamp dB 61 05 85	dB 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00	dBuV, 29.84 38.65 39.45 48.67  Leve dBuV 29.57 34.96	/m dBuV/m 74.00 74.00 74.00 74.00 Polarity  Limit /m dBuV/m 74.00 74.00 74.00	limi -44.16 -35.35 -34.55 -25.33  Over limi -44.43 -39.04	Peak Peak Peak Peak  Horizontal  Remark t Peak Peak Peak Peak	
Type Type	1 2 3 4 4 Mai	M 1195 4267 5086 8022 rk F	802.11 802.11 802.11 802.11 802.11 802.11	35.83 33.95 31.26 30.55 b / Reading dBuV/m 35.27 32.82 30.98 30.44	25.58 30.23 32.20 37.14 Test ch Antenna dB 25.74 29.40 32.03	dB 5.08: 10.58: 11.45: 14.29: nannel a Cable dB 5.17 9.79 12.29 14.28	dE 36.6 36.1 35.4 33.3 Pr d 36. 37. 34. 33.	CH1′ CH1′ Ceamp dB 61 05 85	dB 0.00 0.00 0.00 0.00 1  Aux dB 0.00 0.00 0.00	dBuV, 29.84 38.65 39.45 48.67  Leve dBuV 29.57 34.96 40.45	/m dBuV/m 74.00 74.00 74.00 74.00 Polarity  Limit /m dBuV/m 74.00 74.00 74.00	limi -44.16 -35.35 -34.55 -25.33  Over limi -44.43 -39.04 -33.55	Peak Peak Peak Peak  Horizontal  Remark t Peak Peak Peak Peak	
	1 2 3 4 Mai	rk F	802.11 802.11 802.11 Frequency MHz 122.74 100.26 1042.90 802.11	35.83 33.95 31.26 30.55 b / Reading dBuV/m 35.27 32.82 30.98 30.44	25.58 30.23 32.20 37.14 Test ch Antenna dB 25.74 29.40 32.03 37.19 Test ch	dB 5.08 10.58 11.45 14.29 nannel a Cable dB 5.17 9.79 12.29 14.28	dB 36.6 36.1 35.4 33.3 36.3 37.3 34.3 33.	CH1′ CH1′ CH1′ CH1′ CH1′ CH1′ CH1′ CH1′	dB 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00	dBuV, 29.84 38.65 39.45 48.67 Leve dBuV 29.57 34.96 40.45 48.60	/m dBuV/m 74.00 74.00 74.00 74.00 Polarity  1 Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	limi -44.16 -35.35 -34.55 -25.33  Over limi -44.43 -39.04 -33.55 -25.40	t Peak Peak Peak Peak Peak Peak Peak Peak	
	1 2 3 4 Mai	N 1195 4267 5086 8022 rrk F 12 37 5886	802.118 6.52 6.46 802.118 Frequency MHz 122.74 100.26 1042.90 802.118 1042.90	35.83 33.95 31.26 30.55 b / Reading dBuV/m 35.27 32.82 30.98 30.44 b	25.58 30.23 32.20 37.14 Test ch Antenna dB 25.74 29.40 32.03 37.19 Test ch	dB 5.08 10.58 11.45 14.29 nannel a Cable dB 5.17 9.79 12.29 14.28 nannel	dE 36.6 36.1 35.4 33.3 34. 33.	CH1′ ceamp dB 61 05 85 31 CH1′	dB 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00 1	dBuV, 29.84 38.65 39.45 48.67 Leve dBuV 29.57 34.96 40.45 48.60	/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  Polarity  Limit Limit	limi -44.16 -35.35 -34.55 -25.33  Over limi -44.43 -39.04 -33.55 -25.40	Peak Peak Peak Peak Peak  Horizontal  Remark  t Peak Peak Peak Peak Peak Peak Peak Peak	
	1 2 3 4 Mai	N 11954267 5086 8022 rk F 12237 5886	802.11 802.11 802.11 Frequency MHz 122.74 100.26 1042.90 802.11	35.83 33.95 31.26 30.55 b / Reading dBuV/m 35.27 32.82 30.98 30.44	25.58 30.23 32.20 37.14 Test ch Antenna dB 25.74 29.40 32.03 37.19 Test ch	dB 5.08 10.58 11.45 14.29 nannel a Cable dB 5.17 9.79 12.29 14.28	dE 36.6 36.1 35.4 33.3 34. 33.	CH1′ CH1′ CH1′ CH1′ CH1′ CH1′ CH1′ CH1′	dB 0.00 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00 1 Aux dB	dBuV, 29.84 38.65 39.45 48.67 Leve dBuV 29.57 34.96 40.45 48.60	/m dBuV/m 74.00 74.00 74.00 74.00 Polarity  Limit /m dBuV/m 74.00 74.00 74.00 74.00 Third	limi -44.16 -35.35 -34.55 -25.33  Over limi -44.43 -39.04 -33.55 -25.40	Peak Peak Peak Peak Peak  Horizontal  Remark t Peak Peak Peak Peak Peak Peak Peak Peak	
	1 2 3 4 4 Mark	N 1195 4267 5086 8022 rk F 12 37 58 80	802.118 6.52 6.46 802.118 6.52 6.46 802.118 6.62 6.41 6.42.90 802.118 6.42.90	35.83 33.95 31.26 30.55 b / Reading dBuV/m 35.27 32.82 30.98 30.44 b	25.58 30.23 32.20 37.14 Test ch Antenna dB 25.74 29.40 32.03 37.19 Test ch	dB 5.08 10.58 11.45 14.29 nannel a Cable dB 5.17 9.79 12.29 14.28 nannel	dE 36.6 36.1 35.4 33.3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	CH1′ CH1′ CH1′ CH1′ CH1′ CH1′ CH1′ CH1′	dB 0.00 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00	dBuV, 29.84 38.65 39.45 48.67 Leve dBuV 29.57 34.96 40.45 48.60	/m dBuV/m 74.00 74.00 74.00 74.00 Polarity  Limit /m dBuV/m 74.00 74.00 74.00 Polarity  Polarity  Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00	limi -44.16 -35.35 -34.55 -25.33  Over limi -44.43 -39.04 -33.55 -25.40  Over limi	Peak Peak Peak Peak Peak  Horizontal  Remark t Peak Peak Peak Peak Peak Peak Peak Peak	
	1 2 3 4 4 Mark	rk F 122 37 58 80 22 2 37 58 80 22 2 37 58 80 20 2 3 37 58 80 20 3 3 52 498	802.11I Frequency MHz 222.74 200.26 806.41 042.90 802.11I equency MHz 7.10	35.83 33.95 31.26 30.55 b / Reading dBuV/m 35.27 32.82 30.98 30.44 b	25.58 30.23 32.20 37.14 Test ch Antenna dB 25.74 29.40 32.03 37.19 Test ch Antenna dB 25.93	dB 5.08 10.58 11.45 14.29 nannel a Cable dB 5.17 9.79 12.29 14.28 nannel Cable dB 5.31	dE 36.6 36.1 35.4 33.3 36.4 33.3 36.4 33.3 36.4 33.3 36.4 33.5 36.4 36.4 36.4 36.4 36.4 36.4 36.4 36.4	CH1′ CH1′ CH1′ CH1′ CH1′ CH1′ CH1′ CH1′	dB 0.00 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00	dBuV, 29.84 38.65 39.45 48.67 Leve dBuV 29.57 34.96 40.45 48.60 Leve dBuV, 29.23	/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 74.00 74.00 74.00 74.00 74.00 74.00	limi -44.16 -35.35 -34.55 -25.33  Over limi -44.43 -39.04 -33.55 -25.40  Over limi -44.77	t Peak Peak Peak Peak Peak Peak Peak Peak	

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Туре		802.11	1g	Test c	hannel	(	CH0	1		Polarity		Horizontal
	Mark 1 2 3 4	Frequency MHz 1299.77 3598.09 4983.99 8002.06	Reading dBuV/m 33.83 32.16 30.85 31.12	Antenna dB 26.00 29.40 31.77 37.10	Cable dB 5.42 10.09 11.56 14.29	dB 36.2 36.9 35.2	9 3 2	dB 0.00 0.00 0.00	Level dBuV/ 28.96 34.72 38.96 49.20	m dBuV/m 74.00	Over limit -45.04 -39.28 -35.04 -24.80	Remark Peak Peak Peak Peak Peak
Туре		802.1	1g	Test c	hannel	(	CH0	1		Polarity		Vertical
	Mark 1 2 3 4	MHz 1263.88 3681.47 5204.40 7981.72	/ Reading dBuV/m 34.91 32.82 31.61 30.90	Antenna dB 25.93 29.40 31.67 37.03	a Cable dB 5.30 9.85 11.53 14.35	dE 36.4 37.6 35.3	3 44 94 38	dB 0.00 0.00 0.00	Leve dBuV 29.70 35.03 39.43 48.97	/m dBuV/n 74.00 74.00 74.00	n limi -44.30 -38.97 -34.57	t Peak Peak Peak
Туре		802.11	1g	Test c	hannel	(	CH0	6		Polarity		Horizontal
	1 2 3	Frequency MHz 1219.64 3873.75 5073.59 7941.19	dBuV/m 35.98 31.99 31.10	dB 25.72 29.80 32.20	dB	dB 36.62 36.79 35.43	· 2 9	0.00	Level dBuV/r 30.24 34.93 39.34 48.34	m dBuV/m 74.00	-39.07 -34.66	Remark Peak Peak Peak Peak
Туре		802.11	1g	Test c	hannel	(	CH0	6		Polarity		Vertical
	Mark  1 2 3 4	Frequency MHz 1251.08 3570.71 4983.99 8792.37	Reading dBuV/m 35.07 31.87 32.26 30.13	Antenna dB 25.90 29.34 31.77 37.70	Cable dB 5.26 9.93 11.56 15.79	dB 36.5 36.8 35.2	60 85 12	Aux dB 0.00 0.00 0.00 0.00	Leve dBuV, 29.73 34.29 40.37	/m dBuV/n 74.00 74.00 74.00	Over n limi -44.27 -39.71 -33.63	t Peak Peak Peak
Туре		802.11	1g	Test c	hannel	(	CH1	1		Polarity		Horizontal
	Mark  1 2 3 4	Frequency MHz 1124.23 3700.26 5631.73 8022.46	dBuV/m 36.01 32.62 30.51	dB 25.40	dB 5.00 9.79 12.46	dB 36.8 37.0 35.0	4 5 2	dB 0.00 0.00 0.00	39.85	/m dBuV/m	-44.43 -39.24 -34.15	Peak Peak Peak
Туре		802.11	1g	Test c	hannel		CH1	1		Polarity		Vertical
	1	Frequency MHz 1260.67 3993.90 5138.58 8747.72	dBuV/m	Antenna dB 25.92 29.90 32.05 37.70		dB 36.4 36.3 35.4	6 7 5	dB 0.00 0.00 0.00	Leve dBuV, 30.19 37.87 39.18 48.77	/m dBuV/r 74.00 74.00 74.00	Over n limi -43.81 -36.13 -34.82	t Peak Peak Peak

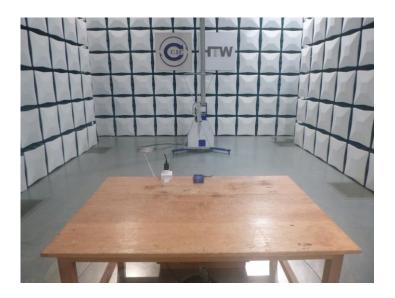
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Туре			802.11	n(HT20)	Test cl	hannel	(	CH01	1		Polarity		Horizontal	
-	Mark	Fre	equency	Reading	Antenna	Cable	Pre	amp	Aux	Leve:	 1 Limi	t Over	Remark	
			ИHz	dBuV/m	dB	dB	dB		dB	dBuV,				
	1		3.98	35.22	25.56	5.08	36.6		0.00	29.20	74.0			
	2		1.47 3.58	34.39 31.14	29.40 32.05	9.85 11.46	37.0 35.4		0.00 0.00	36.60 39.20				
	4		2.46	30.37	37.14	14.29	33.3			48.49				
Туре		002		n(HT20)	Test cl			CH01		10.45	Polarity	.0 23.3.	Vertical	
1 900					1000	110111101		0110	<u> </u>				Vortical	
	Mark	c Fr	eauencv	Reading	Antenna	Cable	Pre	eamp	Aux	Leve	l Limi	it Ove	r Remark	
			MHz	dBuV/m	dB	dB	dE		dB	dBuV,		//m lim:	it	
	1	123	2.12	35.37	25.79	5.20	36.5	57	0.00	29.79	74.0	0 -44.2	l Peak	
	2	369	0.85	32.27	29.40	9.82	37.0	94	0.00	34.45	74.0	90 -39.5	5 Peak	
	3	484	6.37	31.98	31.40	11.51	35.1	17	0.00	39.72	74.0	90 -34.2	B Peak	
	4	786	0.74	30.31	36.64	14.49	33.2	28	0.00	48.16	74.0	00 -25.8	4 Peak	
Туре			802.11	n(HT20)	Test cl	hannel	(	CH06			Polarity		Horizontal	
	Mark			Reading					Aux	Leve.				
			Hz	dBuV/m	dB	dB	dB		dB	dBuV,				
	1	1251		35.52	25.90	5.26	36.5		0.00	30.18				
	2	3625		32.55	29.40	10.02	36.9		0.00	34.98				
	3	5125		31.07	32.10	11.45	35.4		0.00	39.16				
	4	8042	.90	30.14	37.19	14.28	33.3	1	0.00	48.30	74.0	00 -25.7	0 Peak	
Туре														
- 71			802.11	n(HT20)	Test cl	hannel	(	CH06	3		Polarity		Vertical	
										1				
	Mark		quency	Reading	Antenna	Cable	Pre	amp	Aux	Level	Limi		Remark	
		M	quency Hz	Reading dBuV/m	Antenna dB	Cable dB	Pre:	amp	Aux dB	dBuV/	L Limi'm dBuV	/m limi	Remark t	
	1	M 1238	quency Hz .41	Reading dBuV/m 35.36	Antenna dB 25.83	Cable dB 5.22	Pre: dB 36.5	 amp 5	Aux dB 0.00	dBuV/ 29.86	L Limi m dBuV 74.0	/m limi 0 -44.14	Remark t Peak	
	1 2	M 1238 4332	quency Hz .41 .85	Reading dBuV/m 35.36 31.52	Antenna dB 25.83 30.43	Cable dB 5.22 10.71	PreadB 36.59	amp 5	Aux dB 0.00 0.00	dBuV/ 29.86 36.47	L Limi m dBuV, 74.0	/m limi 0 -44.14 0 -37.53	Remark t Peak Peak	
	1 2 3	M 1238 4332 5689	quency Hz .41 .85	Reading dBuV/m 35.36 31.52 30.55	Antenna dB 25.83 30.43 31.90	Cable dB 5.22 10.71 12.48	Pres dB 36.59 36.19	amp 5 9	Aux dB 0.00 0.00	dBuV/ 29.86 36.47 40.00	L Limi m dBuV 74.0 74.0	/m limi 0 -44.14 0 -37.53 0 -34.00	Remark t Peak Peak	
	1 2	M 1238 4332	quency Hz .41 .85	Reading dBuV/m 35.36 31.52	Antenna dB 25.83 30.43 31.90 37.14	Cable dB 5.22 10.71 12.48 14.29	PreadB 36.59 36.19 34.93 33.33	amp 5 9 3	Aux dB 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47	L Limi 'm dBuV, 74.0 74.0 74.0	/m limi 0 -44.14 0 -37.53 0 -34.00	Remark t Peak Peak	
Туре	1 2 3	M 1238 4332 5689	quency Hz .41 .85 .36	Reading dBuV/m 35.36 31.52 30.55	Antenna dB 25.83 30.43 31.90	Cable dB 5.22 10.71 12.48 14.29	PreadB 36.59 36.19 34.93 33.33	amp 5 9	Aux dB 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00	L Limi m dBuV 74.0 74.0	/m limi 0 -44.14 0 -37.53 0 -34.00	Remark t Peak Peak	
	1 2 3 4	M 1238 4332 5689 8022	quency Hz .41 .85 .36 .46	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20)	Antenna dB 25.83 30.43 31.90 37.14 Test cl	Cable dB 5.22 10.71 12.48 14.29 hannel	Pred dB 36.59 36.19 34.99 33.3	amp 5 9 3 1 CH11	Aux dB 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41	L Limi m dBuV 74.0 74.0 74.0 74.0	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59	Remark t Peak Peak Peak Peak Horizontal	
	1 2 3 4	M 1238 4332 5689 8022 Fre	quency Hz .41 .85 .36 .46 802.11	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20)	Antenna dB 25.83 30.43 31.90 37.14 Test cl	Cable dB 5.22 10.71 12.48 14.29 hannel	Pred dB 36.59 36.19 34.99 33.30	amp 5 9 3 1 CH11	Aux dB 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41	L Limi /m dBuV, 74.0 74.0 74.0 74.0 74.0 Polarity	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59	Remark t Peak Peak Peak Peak Peak Peak Remark	
	1 2 3 4 Mark	M 1238 4332 5689 8022 Fre	quency Hz .41 .85 .36 .46 802.11	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20)	Antenna dB 25.83 30.43 31.90 37.14 Test cl	Cable dB 5.22 10.71 12.48 14.29 hannel	Pred dB 36.59 36.19 34.99 33.39 (	amp 5 9 3 1 CH11	Aux dB 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41 Level dBuV/	L Limi /m dBuV, 74.0 74.0 74.0 74.0 74.0 Polarity Limi	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59	Remark t Peak Peak Peak Peak Peak Remark	
	1 2 3 4 Mark	M 1238 4332 5689 8022 Fre M 1293	quency Hz .41 .85 .36 .46 802.11  quency Hz .17	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) 	Antenna dB 25.83 30.43 31.90 37.14 Test cl Antenna dB 25.99	Cable dB 5.22 10.71 12.48 14.29 hannel Cable dB 5.40	Pred dB 36.59 36.19 34.99 33.33 9 (	5 9 3 1 CH11	Aux dB 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41 Level dBuV, 29.46	L Limi  /m dBuV, 74.0 74.0 74.0 74.0 74.0 74.0  Polarity  Limi /m dBuV, 74.0	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59  tt Over 1/m lim 10 -44.5	Remark t Peak Peak Peak Peak Horizontal Remark it	
	1 2 3 4 Mark	M 1238 4332 5689 8022 Fre M 1293 3653	quency Hz .41 .85 .36 .46 802.11  quency Hz .17	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) 	Antenna dB 25.83 30.43 31.90 37.14 Test cl Antenna dB 25.99 29.40	Cable dB 5.22 10.71 12.48 14.29 hannel  Cable dB 5.40 9.93	Pred dB 36.59 34.99 33.33 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 9 3 1 CH11	Aux dB 0.00 0.00 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41 Level dBuV/ 29.46 34.97	Limi' 'm dBuV, 74.0 74.0 74.0 74.0  Polarity  Limi /m dBuV, 74.2  1 Limi /m dBuV, 74.0	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59	Remark t Peak Peak Peak Peak Horizontal Remark it Peak Peak	
	1 2 3 4 Mark	M 1238 4332 5689 8022 Fre M 1293	quency Hz .41 .85 .36 .46 802.11 	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) 	Antenna dB 25.83 30.43 31.90 37.14 Test cl Antenna dB 25.99	Cable dB 5.22 10.71 12.48 14.29 hannel Cable dB 5.40	Pred dB 36.5: 34.9: 33.3: (	cH11	Aux dB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41 Level dBuV, 29.46	Limi' 'm dBuV, 74.0' 74.0' 74.0' 74.0' Polarity  1 Limi /m dBuV 74.0' 74.0'	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59  tt Over 1/m lim 10 -44.5	Remark t Peak Peak Peak Peak Remark t t Remark t Peak Peak Peak Peak	
	1 2 3 4 Mark	M 1238 4332 5689 8022 Fre M 1293 3653 5762	quency Hz .41 .85 .36 .46 <b>802.11</b> 	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) 	Antenna dB 25.83 30.43 31.90 37.14 Test cl Antenna dB 25.99 29.40 31.92 36.80	Cable dB 5.22 10.71 12.48 14.29 hannel  Cable dB 5.40 9.93 12.35	Pred dB 36.59 34.99 33.33 4.8 36.3 37.0 34.8 33.3	cH11	Aux dB 0.00 0.00 1 Aux dB 0.00 0.00 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41 Leve dBuV/ 29.46 34.97 40.35	Limi' 'm dBuV, 74.0' 74.0' 74.0' 74.0' Polarity  1 Limi /m dBuV 74.0' 74.0'	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59	Remark t Peak Peak Peak Peak Remark t t Remark t Peak Peak Peak Peak	
Туре	1 2 3 4 Mark	M 1238 4332 5689 8022 Fre M 1293 3653 5762	quency Hz .41 .85 .36 .46 <b>802.11</b> 	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) 	Antenna dB 25.83 30.43 31.90 37.14 Test cl Antenna dB 25.99 29.40 31.92 36.80	Cable dB 5.22 10.71 12.48 14.29 hannel Cable dB 5.40 9.93 12.35 14.60	Pred dB 36.59 34.99 33.33 4.8 36.3 37.0 34.8 33.3	amp 5 9 3 1 CH11 camp 3 2 2 6 6 3	Aux dB 0.00 0.00 1 Aux dB 0.00 0.00 0.00 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41 Leve dBuV/ 29.46 34.97 40.35	Limi 'm dBuV, 74.0 74.0 74.0 74.0  Polarity  Limi /m dBuV, 74.0 74.0  74.0  74.0  74.0	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59	Remark t Peak Peak Peak Peak  Horizontal  Remark it Peak Peak Peak Peak Peak Peak Peak	
Туре	1 2 3 4 Mark 1 2 3 4	M 1238 4332 5689 8022 Fre M 1293 3653 5762 7900	quency Hz .41 .85 .36 .46 802.11 	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) 	Antenna dB 25.83 30.43 31.90 37.14 Test Cl  Antenna dB 25.99 29.40 31.92 36.80 Test Cl	Cable dB 5.22 10.71 12.48 14.29 hannel  Cable dB 5.40 9.93 12.35 14.60 hannel	Pred dB 36.59 34.99 33.33 (0) Pred dB 36.3 37.0 34.8 33.3	cH11	Aux dB 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41 Leve dBuV/ 29.46 34.97 40.35	Limi /m dBuV /74.0 /74.0 /74.0 /74.0 /74.0 //m dBuV /74.0 //m dBuV /74.0 /74.0 /74.0 /74.0 /74.0 /74.0 /74.0 /74.0 /74.0	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59  at Ove 1/m lim 10 -44.5 10 -39.0 10 -33.6 10 -25.2	Remark  Peak Peak Peak Peak  Horizontal  Remark  it  Peak Peak  Vertical	
Туре	1 2 3 4 Mark 1 2 3 4	Fre M 1293 3653 5762 7900	quency Hz .41 .85 .36 .46  802.11 quency Hz .17 .46 .24 .86  802.11	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) Reading dBuV/m 34.39 32.66 30.94 30.67 n(HT20)	Antenna dB 25.83 30.43 31.90 37.14 Test Cl  Antenna dB 25.99 29.40 31.92 36.80 Test Cl	Cable dB 5.22 10.71 12.48 14.29 hannel  Cable dB 5.40 9.93 12.35 14.60 hannel	Pred dB 36.59 34.99 33.33 (0) Pred dB 36.3 37.0 34.8 33.3	CH11	Aux dB 0.00 0.00 0.00 1 Aux dB 0.00 0.00 0.00	dBuV/ 29.86 36.47 40.00 48.41 Level dBuV, 29.46 34.97 40.35 48.74	Limi /m dBuV /74.0 /74.0 /74.0 /74.0 /74.0 // Polarity // // // // // // // // // // // // //	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59  at Ove 1/m lim 10 -44.5 10 -39.0 10 -33.6 10 -25.2	Remark  Peak Peak Peak Peak  Horizontal  Remark  1 Peak Peak Peak Vertical	
Туре	1 2 3 4 Mark 1 2 3 4	Fre M 1293 3653 5762 7900	quency Hz .41 .85 .36 .46  802.11  quency Hz .17 .46 .24 .86  802.11	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) Reading dBuV/m 34.39 32.66 30.94 30.67 n(HT20)	Antenna dB 25.83 30.43 31.90 37.14 Test Cl Antenna dB 25.99 29.40 31.92 36.80 Test Cl	Cable dB 5.22 10.71 12.48 14.29 hannel Cable dB 5.40 9.93 12.35 14.60 hannel Cable dB 5.40	Pred dB 36.59 34.99 33.33 (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	CH11 camp 3 1 CH11 camp 3 CH11	Aux dB 0.00 0.00 1 Aux dB 0.00 0.00 1	dBuV/ 29.86 36.47 40.00 48.41 Level dBuV/ 29.46 34.97 40.35 48.74	Polarity  Polarity  Polarity  Polarity  1 Limi  M BuV  74.0  74.0  74.0  Polarity  1 Limi  M BuV  74.0  74.0  74.0  74.0  74.0  74.0  74.0  74.0  74.0  74.0	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59  t Over 1/m lim 0 -44.5 0 -39.0 0 -25.20  t Over 1/m lim 0 -45.80	Remark  Peak Peak Peak Peak  Horizontal  Remark  Peak  Peak  Vertical  Remark  Remark	
Туре	1 2 3 4 Mark 1 2 3 4	Fre M 1293 3653 5762 7900 Fre M 1353 3496	quency Hz .41 .85 .36 .46  802.11 quency Hz .17 .46 .24 .86  802.11 equency HHz 3.80 8.74	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) Reading dBuV/m 34.39 32.66 30.94 30.67 n(HT20) Reading dBuV/m 32.80 32.46	Antenna dB 25.83 30.43 31.90 37.14 Test Cl Antenna dB 25.99 29.40 31.92 36.80 Test Cl Antenna dB	Cable dB 5.22 10.71 12.48 14.29 hannel Cable dB 5.40 9.93 12.35 14.60 hannel Cable dB 5.49 9.50	Pred dB 36.59 34.99 33.33 (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	CH11 camp 3 1 CH11 camp 3 62 92 66 63 CH11	Aux dB 0.00 0.00 1	dBuV/ 29.86 36.47 40.00 48.41 Level dBuV, 29.46 34.97 40.35 48.74 Level dBuV, 28.14	Polarity  Polarity  Polarity  Polarity  1 Limi  M BuV  74.0  74.0  74.0  Polarity  1 Limi  M BuV  74.0  74.0  74.0  74.0  74.0  74.0  74.0  74.0  74.0  74.0	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59  t Over 1/m lim 0 -44.5 0 -39.0 10 -25.2  t Over 1/m lim 0 -45.80	Remark t Peak Peak Peak Peak Peak  Horizontal  Remark t Peak Peak Peak Peak Peak Peak Peak Peak	
Туре	1 2 3 4 Mark 1 2 3 4	Fre M 1293 3653 5762 7900 135: 3496 515:	quency Hz .41 .85 .36 .46  802.11 quency Hz .17 .46 .24 .86  802.11	Reading dBuV/m 35.36 31.52 30.55 30.29 n(HT20) Reading dBuV/m 34.39 32.66 30.94 30.67 n(HT20)	Antenna dB 25.83 30.43 31.90 37.14 Test Cl Antenna dB 25.99 29.40 31.92 36.80 Test Cl Antenna dB 26.28	Cable dB 5.22 10.71 12.48 14.29 hannel Cable dB 5.40 9.93 12.35 14.60 hannel Cable dB 5.49 9.50	Pred dB 36.59 33.33 (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	CH11 camp 3 1 CH11 camp 3 62 92 66 63 CH11	Aux dB 0.00 0.00 1	dBuV/ 29.86 36.47 40.00 48.41 Level dBuV, 29.46 34.97 40.35 48.74 Level dBuV, 28.14	Polarity  Polarity  Polarity  1 Limi 74.0 74.0 74.0 74.0  Polarity  1 Limi 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0	/m limi 0 -44.14 0 -37.53 0 -34.00 0 -25.59  t Over 1/m lim 0 -44.5 0 -39.0 0 -25.20  t Over 1/m lim 0 -45.80	Remark t Peak Peak Peak Peak Horizontal Remark t Peak Peak Peak Peak Peak Peak Peak 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. : CHTEW21070017.

# 8. APPENDIX REPORT