TEST REPORT

For WiFi-2.4GHz Band

eport No::	CHTEW23070102	Report Verification

Project No...... SHT2305054201EW

FCC ID.....: 2A6LY-0003

Applicant's name.....: Resvent Medical Technology Co., Ltd.

Address...... BC601, BC602, Gaoxinqi Factory, District 67, Xingdong

Community, Xin'an Street, Bao'an District, 518100 Shenzhen,

PEOPLE'S REPUBLIC OF CHINA

Product Name RXiBreeze PAP System

Trade Mark -

Model No. RXiBreeze 30STA

25A,RXiBreeze 25STA

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

Date of receipt of test sample........... May.31,2023

Date of testing...... May.31,2023- Jul.27,2023

Date of issue...... Jul.28,2023

Result.....: PASS

Compiled by

(Position+Printed name+Signature): File administrator Kiki Kong

Supervised by

(Position+Printed name+Signature): Project Engineer Kiki Kong

Approved by

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

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

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

Tianliao, Gongming, Shenzhen, China

Shenzhen Huatongwei International Inspection Co., Ltd. All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen Huatongwei International Inspection Co., Ltd. is acknowledged as copyright owner and source of the material. Shenzhen Huatongwei International Inspection Co., Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

The test report merely correspond to the test sample.

Report No.: CHTEW23070102 Page: 2 of 42 Date of issue: 2023-07-28

Contents

<u>1.</u>	TEST STANDARDS AND REPORT VERSION	3
1.1.	Test Standards	3
1.1. 1.2.	Report version	3 3
1.2.	Report Version	3
<u>2.</u>	TEST DESCRIPTION	4
<u>3.</u>	SUMMARY	5
3.1.	Client Information	5
3.2.	Product Description	5
3.3.	Radio Specification Description	6
3.4.	Testing Laboratory Information	6
<u>4.</u>	TEST CONFIGURATION	7
4.1.	Test frequency list	7
4.2.	Test mode	7
4.3.	Test sample information	8
4.4.	Support unit used in test configuration and system	8
4.5.	Testing environmental condition	8
4.6.	Statement of the measurement uncertainty	9
4.7.	Equipment Used during the Test	10
<u>5.</u>	TEST CONDITIONS AND RESULTS	11
5.1.	Antenna Requirement	11
5.2.	AC Conducted Emission	12
5.3.	Peak Output Power	14
5.4.	Power Spectral Density	15
5.5.	6dB bandwidth	16
5.6.	99% Occupied Bandwidth	17
5.7.	Duty Cycle	18
5.8.	Conducted Band edge and Spurious Emission	19
5.9.	Radiated Band edge Emission	21
5.10.	Radiated Spurious Emission	26
<u>6.</u>	TEST SETUP PHOTOS	3 4
<u>7.</u>	EXTERNAL AND INTERNAL PHOTOS	36
7.1.	External Photos	36
7.2.	Internal Photos	39
8.	APPENDIX REPORT	42

Report No.: CHTEW23070102 Page: 3 of 42 Date of issue: 2023-07-28

1. TEST STANDARDS AND REPORT VERSION

1.1. Test Standards

The tests were performed according to following standards:

- FCC CFR Title 47 Part 15 Subpart C § 15.247: Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz
- ANSI C63.10:2020: 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	2023-07-28	Original

Report No.: CHTEW23070102 Page: 4 of 42 Date of issue: 2023-07-28

2. TEST DESCRIPTION

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

Note:

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

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

Report No.: CHTEW23070102 Page: 5 of 42 Date of issue: 2023-07-28

3. **SUMMARY**

3.1. Client Information

Applicant:	Resvent Medical Technology Co., Ltd.	
Address:	BC601, BC602, Gaoxinqi Factory, District 67, Xingdong Community,Xin'an Street, Bao'an District, 518100 Shenzhen, PEOPLE'S REPUBLIC OF CHINA	
Manufacturer:	Resvent Medical Technology Co., Ltd.	
Address:	BC601, BC602, Gaoxinqi Factory, District 67, Xingdong Community,Xin'an Street, Bao'an District, 518100 Shenzhen, PEOPLE'S REPUBLIC OF CHINA	
Factory:	Resvent Medical Technology Co., Ltd.	
Address:	BC601, BC602, Gaoxinqi Factory, District 67, Xingdong Community,Xin'an Street, Bao'an District, 518100 Shenzhen, PEOPLE'S REPUBLIC OF CHINA	

3.2. Product Description

Main unit information:		
Product Name:	RXiBreeze PAP System	
Trade Mark:	-	
Model No.:	RXiBreeze 30STA	
Listed Model(s):	RXiBreeze 25S,RXiBreeze 25ST,RXiBreeze 30ST, RXiBreeze 25A,RXiBreeze 25STA	
Power supply:	DC 24.0V from adapter	
Hardware version:	1.0	
Software version:	V01.00.00	
Accessory unit information:		
Adapter information:	Model:LXCP61(II)-024300 Input:100-240Va.c., 50/60Hz 1.5Amax. Output:24.0Vd.c., 3.0A	

Report No.: CHTEW23070102 Page: 6 of 42 Date of issue: 2023-07-28

3.3. Radio Specification Description

Support type:	⊠ 802.11b	⊠ 802.11g	⊠ 802.11n
Support bandwidth:	⊠ 20MHz	⊠ 40MHz	
Modulation:	802.11b:	DBPSK, DQPSK, BPSK	, QPSK
Modulation.	802.11g/n:	BPSK, QPSK, 16QAM,	64QAM
Operation fraguency:	802.11b/g/n(HT20):	2412MHz~2462MHz	
Operation frequency:	802.11n(HT40)	2422MHz~2452MHz	
Channel number:	802.11b/g/n(HT20): 11		
Charmer number.	802.11n(HT40)	7	
Channel separation:	5MHz		
Antenna technology:	⊠ SISO	☐ MIMO	
Antenna type:	FPC Antenna		
Antenna gain:	2.96dBi		_

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		
Contact information:	Phone: 86-755-26715499 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn		
Qualifications	Type Accreditation Number		
Qualifications	FCC	762235	

Report No.: CHTEW23070102 Page: 7 of 42 Date of issue: 2023-07-28

4. TEST CONFIGURATION

4.1. Test frequency list

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

802.11b/g/n(HT20)		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. Test mode

For RF test items

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

For AC power line conducted emissions:

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

For Radiated spurious emissions

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

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

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

Report No.: CHTEW23070102 Page: 8 of 42 Date of issue: 2023-07-28

4.3. Test sample information

Test item	HTW sample no.	
RF Conducted test items	Please refer to the description in the appendix report	
RF Radiated test items	YPHT23050542002	
EMI test items	YPHT23050542001	

Note:

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

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

EMI test items: AC Conducted Emission

4.4. 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:

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

Report No.: CHTEW23070102 Page: 9 of 42 Date of issue: 2023-07-28

4.6. Statement of the measurement uncertainty

No.	Test Items	Measurement Uncertainty
1	AC Conducted Emission	3.21dB
2	Peak Output Power	1.07
3	Power Spectral Density	1.07
4	6dB Bandwidth	0.002%
5	99% Occupied Bandwidth	0.002%
6	Duty cycle	-
7	Conducted Band Edge and Spurious Emission	1.68dB
8	Radiated Band Edge Emission	4.54dB for 30MHz-1GHz
- O	radiated Band Edge Emission	5.10dB for above 1GHz
0	Redicted Sourious Emission	4.54dB for 30MHz-1GHz
9	Radiated Spurious Emission	5.10dB for above 1GHz

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

Report No.: CHTEW23070102 Page: 10 of 42 Date of issue: 2023-07-28

4.7. Equipment Used during the Test

•	Conducted tes	t item					
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Signal and spectrum Analyzer	R&S	HTWE0242	FSV40	100048	2022/08/25	2023/08/24
•	Signal & Spectrum Analyzer	R&S	HTWE0262	FSW26	103440	2022/08/25	2023/08/24
•	Vector signal generator	R&S	HTWE0244	SMBV100A	260790	2023/05/23	2024/05/22
•	Test software	Tonscend	N/A	JS1120	N/A	N/A	N/A

•	Radiated emi	ssion- Below 1G	Hz				
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	2023/09/29
•	EMI Test Receiver	R&S	HTWE0099	ESCI	100900	2022/08/30	2023/08/29
•	Loop Antenna	R&S	HTWE0546	HFH2-Z2E	101073	2021/05/25	2024/05/24
•	Ultra-Broadband Antenna	SCHWARZBECK	HTWE0547	VULB9163	945	2022/05/23	2025/05/22
•	Pre-Amplifer	SCHWARZBECK	HTWE0295	BBV 9742	N/A	2022/11/04	2023/11/03
•	RF Connection Cable	HUBER+SUHNER	HTWE0062-01	N/A	N/A	2023/02/24	2024/02/23
•	RF Connection Cable	HUBER+SUHNER	HTWE0062-02	SUCOFLEX104	501184/4	2023/02/24	2024/02/23
•	Test Software	R&S	N/A	ES-K1	N/A	N/A	N/A

•	Radiated em	ission- Above 10	GHz				
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	HTWE0122	SAC-3m-01	C11121	2018/09/27	2023/09/26
•	Spectrum Analyzer	R&S	HTWE0098	FSP40	100597	2022/08/25	2023/08/24
•	Horn Antenna	ETS	HTWE0548	3117	240120	2022/05/20	2025/05/19
•	Horn Antenna	STEATITE	HTWE0549	QMS-00880	25661	2022/05/20	2025/05/19
•	Pre-amplifier	CD	HTWE0071	PAP-0102	12004	2022/11/04	2023/11/03
•	Broadband Pre- amplifier	SCHWARZBECK	HTWE0201	BBV 9718	9718-248	2023/02/27	2024/02/26
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-01	6m 18GHz S Serisa	N/A	2023/02/24	2024/02/23
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-02	6m 3GHz RG Serisa	N/A	2023/02/24	2024/02/23
•	RF Connection Cable	HUBER+SUHNER	HTWE0119-05	6m 3GHz RG Serisa	N/A	2023/02/24	2024/02/23
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-04	6m 3GHz RG Serisa	N/A	2023/02/24	2024/02/23
•	Test Software	Audix	N/A	E3	N/A	N/A	N/A

Report No.: CHTEW23070102 Page: 11 of 42 Date of issue: 2023-07-28

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.

TEST RESULT

The antenna type is a FPC antenna, please refer to the below antenna photo.



Report No.: CHTEW23070102 Page: 12 of 42 Date of issue: 2023-07-28

5.2. AC Conducted Emission

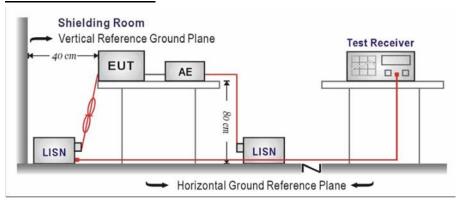
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.207

Fraguenov rongo (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

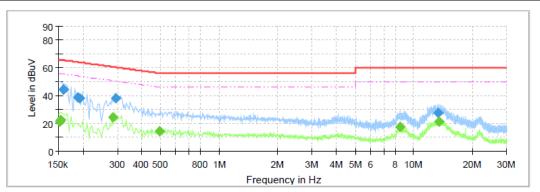
Refer to the clause 4.2

TEST RESULT

□ Passed □ Not Applicable

Report No.: CHTEW23070102 Page: 13 of 42 Date of issue: 2023-07-28

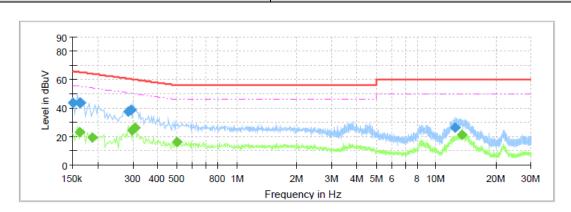
Test Line:



Final Result

I IIIai_IXES	чіс					
Frequency	QuasiPeak	CAverage	Limit	Margin	Line	Com
(MHz)	(dBuV)	(dBuV)	(dBuV)	(dB)		ment
0.151500		21.42	55.92	34.50	L1	
0.154000	-	22.54	55.78	33.24	L1	
0.158000	44.38		65.57	21.19	L1	
0.159500	44.08		65.49	21.41	L1	
0.187500	39.04		64.15	25.11	L1	
0.191500	38.02		63.97	25.95	L1	
0.283500	-	24.39	50.71	26.32	L1	
0.295500	38.25		60.37	22.12	L1	
0.491500		14.25	46.14	31.90	L1	
8.487500		17.19	50.00	32.81	L1	
13.355500	27.73		60.00	32.27	L1	
13.447500		21.49	50.00	28.51	L1	

Test Line: N



Final_Result

Frequency	QuasiPeak	CAverage	Limit	Margin	Line	Com
(MHz)	(dBuV)	(dBuV)	(dBuV)	(dB)		ment
0.150000	43.91	1	66.00	22.09	N	
0.162000	43.67	-	65.36	21.69	N	
0.162000	-	23.00	55.36	32.36	N	
0.163500	43.71	-	65.28	21.58	N	
0.188500	-	19.62	54.10	34.48	N	
0.283500	37.76		60.71	22.96	N	
0.295500	38.72	-	60.37	21.65	N	
0.299500	-	24.51	50.26	25.74	N	
0.307500		26.05	50.04	23.99	N	
0.499500	-	16.45	46.01	29.56	N	
12.440500	26.07		60.00	33.93	N	
13.447500		21.17	50.00	28.83	N	

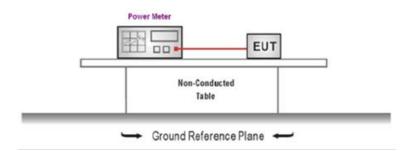
Report No.: CHTEW23070102 Page: 14 of 42 Date of issue: 2023-07-28

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

Refer to the clause 4.2

TEST RESULT

TEST DATA

Report No.: CHTEW23070102 Page: 15 of 42 Date of issue: 2023-07-28

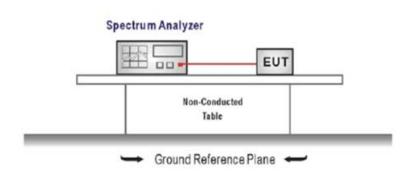
5.4. Power Spectral Density

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,
- 2. Configure the spectrum analyzer as shown below:

Center frequency=DTS channel center frequency

Span =1.5 times the DTS bandwidth

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

Sweep time = auto couple

Detector = peak

Trace mode = max hold

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

TEST MODE

Refer to the clause 4.2

TEST RESULT

TEST DATA

Report No.: CHTEW23070102 Page: 16 of 42 Date of issue: 2023-07-28

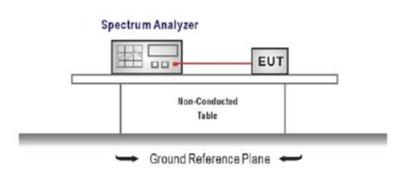
5.5. 6dB bandwidth

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

Refer to the clause 4.2

TEST RESULT

TEST DATA

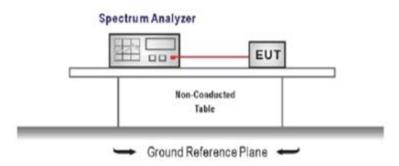
Report No.: CHTEW23070102 Page: 17 of 42 Date of issue: 2023-07-28

5.6. 99% Occupied Bandwidth

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

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

Center Frequency = channel center frequency

Span≥1.5 x OBW

RBW = 1%~5%OBW

VBW ≥ 3 × RBW

Sweep time= auto couple

Detector = Peak

Trace mode = max hold

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

TEST MODE

Refer to the clause 4.2

TEST RESULT

TEST DATA

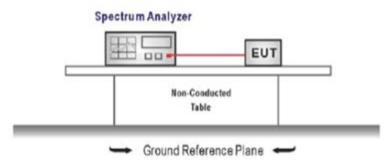
Report No.: CHTEW23070102 Page: 18 of 42 Date of issue: 2023-07-28

5.7. Duty Cycle

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

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

TEST MODE

Refer to the clause 4.2

TEST DATA

Refer to the appendix report

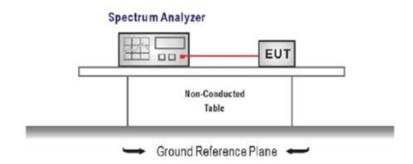
Report No.: CHTEW23070102 Page: 19 of 42 Date of issue: 2023-07-28

5.8. Conducted Band edge and Spurious Emission

<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section15.247 (d):In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 2. Establish a reference level by using the following procedure

Center frequency=DTS channel center frequency

The span = 1.5 times the DTS bandwidth.

RBW = 100 kHz, VBW \geq 3 x RBW

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

Allow trace to fully stabilize

Use the peak marker function to determine the maximum PSD level

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

3. Emission level measurement

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

RBW = 100 kHz, VBW \geq 3 x RBW

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

Allow trace to fully stabilize

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

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

TEST MODE

Refer to the clause 4.2

Report No.: CHTEW23070102 Page: 20 of 42 Date of issue: 2023-07-28

TEST RESULT

oxedow Passed oxedow Not Applicable

TEST DATA

Refer to the appendix report

Report No.: CHTEW23070102 Page: 21 of 42 Date of issue: 2023-07-28

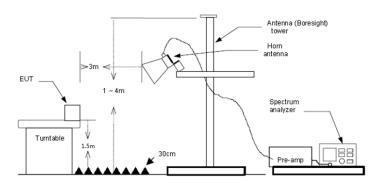
5.9. Radiated Band edge Emission

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.
- The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. Thisis repeated for both horizontal and vertical polarization of the antenna. In order to find themaximum emission, all of the interface cables were manipulated according to ANSI C63.10 on radiated measurement.
- 5. Use the following spectrum analyzer settings:
 - a) Span shall wide enough to fully capture the emission being measured
 - b) Set RBW=100kHz for <1GHz, VBW=3*RBW, Sweep time=auto, Detector=peak, Trace=max hold
 - c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement:

- VBW=10Hz, When duty cycle is no less than 98 percent
- VBW≥1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation, so refer to this clasue 5.7 duty cycle.

TEST MODE

Refer to the clause 4.2

TEST RESULT

Note:

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

Report No.: CHTEW23070102 Page: 22 of 42 Date of issue: 2023-07-28

Туре		802.1	1b	Test ch	nannel	CH0	1	Po	larity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limi	
	1 2	2310.00 2390.01	39.49 39.29	27.86 27.54	5.43 5.53	37.56 37.45	20.00	55.22 54.91	74.00 74.00	-18.7 -19.6	
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1 2	2310.00 2390.01	33.06 32.00	27.86 27.54	5.43 5.53	37.56 37.45	20.00	48.79 47.62	54.00	-5.21 -6.38	Average
Туре		802.1	1b	Test ch	nannel	CH0	1	Po	larity		Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over	
	1 2	2310.00 2390.01	39.66 39.09	27.86 27.54	5.43 5.53	37.56 37.45	20.00 20.00	55.39 54.71	74.00 74.00	-18.6 -19.2	51 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 2	2310.00 2390.01	32.87 32.02	27.86 27.54	5.43 5.53	37.56 37.45	20.00	48.60 47.64	54.00 54.00	-5.40 -6.36	Average

Туре		802.11b		Test ch	Test channel CH11			Pol	arity		Horizontal	
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark	
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limi		
	1	2483.49	39.36	27.33	5.64	37.26	20.00	55.07	74.00		3 Peak	
	2	2500.00	39.26	27.30	5.66	37.26	20.00	54.96	74.00	-19.0	4 Peak	
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark	
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit		
	1	2483.49	33.21	27.33	5.64	37.26	20.00	48.92	54.00	-5.08	Average	
	2	2500.00	31.99	27.30	5.66	37.26	20.00	47.69	54.00	-6.31	Average	
Туре		802.1	802.11b Test channel CH11 Polar		arity		Vertical					
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limi		
	1	2483.49	39.91	27.33	5.64	37.26	20.00	55.62	74.00	-18.3		
	2	2500.00	40.09	27.30	5.66	37.26	20.00	55.79	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	32.67	27.33	5.64	37.26	20.00	48.38	54.00	-5.62	Average	

Report No.: CHTEW23070102 Page: 23 of 42 Date of issue: 2023-07-28

Туре		802.1	1g	Test ch	nannel	CH0	1	Po	olarity		Horizontal	
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m		Ove lim		
	1	2310.00	39.43	27.86	5.43	37.56	20.00	55.16			84 Peak	
	2	2390.01	39.63	27.54	5.53	37.45	20.00	55.25	74.00	-18.	75 Peak	
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limi		
	1 2	2310.00 2390.01	33.34 32.52	27.86 27.54	5.43 5.53	37.56 37.45		49.07 48.14			3 Average 5 Average	
Туре		802.1	1g	Test ch	nannel	CH0	1	Po	olarity		Vertical	
	Mark	Frequency	Reading	Antenna	Cable	Preamp		Level		0ve		
	1	MHz 2310.00	dBuV/m 39.45	dB 27.86	dB 5.43	dB 37.56	dB 20.00	dBuV/m 55.18		lim -18.	1t 82 Peak	
	2	2390.01	40.11		5.53	37.45	20.00	55.73			27 Peak	
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limi		
	1 2	2310.00 2390.01	32.82 32.35	27.86 27.54	5.43 5.53	37.56 37.45	20.00 20.00	48.5 47.9		-5.4 -6.0	5 Average 3 Average	

Туре		8	802.1	1g	Test cl	nannel	CH1	1	P	olarity		Horizontal
	Mark	Frequ	ency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ve	r Remark
		MHz		dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	lim	it
	1	2483.	49	39.28	27.33	5.64	37.26	20.00	54.99	74.00	-19.0	01 Peak
	2	2500.	00	39.72	27.30	5.66	37.26	20.00	55.42	74.00	-18.	58 Peak
	Mark	Freque	ency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz		dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	:
	1	2483.4	19	32.04	27.33	5.64	37.26	20.00	47.7	5 54.00	-6.25	Average
	2	2500.0	90	32.18	27.30	5.66	37.26	20.00	47.8	8 54.00	-6.12	Average
Туре		8	802.1	1g	Test cl	nannel	CH1	1	Р	olarity		Vertical
	Mark	Frequ	ency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	,	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limi	it
	1	2483.	49	39.29	27.33	5.64	37.26	20.00	55.00	74.00	-19.0	00 Peak
	2	2500.	00	40.04	27.30	5.66	37.26	20.00	55.74	74.00	-18.2	26 Peak
	Mark	Frequ	ency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	Over	Remark
		MHz	_	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limi	t
	1	2483.	49	32.62	27.33	5.64	37.26	20.00	48.	33 54.00	-5.6	7 Average
	2	2500.	99	32.84	27.30	5.66	37.26	20.00	48.	54 54.00	-5.4	6 Average

Report No.: CHTEW23070102 Page: 24 of 42 Date of issue: 2023-07-28

Туре			802.1	1n(HT20)	Test ch	annel	CH0 ²		Pola	arity		Horizontal
	Mark	Fred	quency	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limi	
	1	2310	0.00	38.65	27.86	5.43	37.56	20.00	54.38	74.00	-19.6	2 Peak
	2	2390	0.01	39.77	27.54	5.53	37.45	20.00	55.39	74.00	-18.6	1 Peak
	Mark	Fre	quency	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limi	
	1		0.00	32.62	27.86	5.43	37.56	20.00	48.35		-5.6	
	2		0.01	33.38	27.54	5.53	37.45	20.00	49.00		-5.0	
Туре			802.1	1n(HT20)	Test ch	annel	CH0 ²	l	Pola	arity		Vertical
	Mark	Fre	quency	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	233	0.00	38.91	27.86	5.43	37.56	20.00	54.64	74.00	-19.36	
	2	239	00.01	39.60	27.54	5.53	37.45	20.00	55.22	74.00	-18.78	B Peak
						c 11						
	Mark	Fre	quency	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1		0.00	32.09	27.86	5.43	37.56	20.00	47.82	54.00	-6.18	
	2	220	0.01	32.42	27.54	5.53	37.45	20.00	48.04	54.00	-5.96	

Туре			802.1	1n(HT20)	Test ch	nannel	CH1	1	Pol	arity		Horizontal
	Mark	Fred	quency	Reading	Antenna	Cable	Preamp		Level	Limit	0ver	Remark
		MHz		dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	:
	1	2483	3.49	39.50	27.33	5.64	37.26	20.00	55.21	74.00	-18.79) Peak
	2	2500	0.00	39.73	27.30	5.66	37.26	20.00	55.43	74.00	-18.57	Peak
	Mark	Freq	uency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz		dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483	.49	32.33	27.33	5.64	37.26	20.00	48.04	54.00	-5.96	Average
	2	2500	.00	31.83	27.30	5.66	37.26	20.00	47.53	54.00	-6.47	Average
Туре			802.1	1n(HT20)	Test ch	nannel	CH1	1	Pol	arity	,	Vertical
	Mark	Freq	uency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz	•	dBuV/m	dB	dB	dB .	dB	dBuV/m	dBuV/m	limit	
	1	2483	.49	39.67	27.33	5.64	37.26	20.00	55.38	74.00	-18.62	Peak
	2	2500	.00	40.02	27.30	5.66	37.26	20.00	55.72	74.00	-18.28	Peak
	Mark	Freq	uency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	0ver	Remark
		MHz		dBuV/m	dB	dB	dB '	dB	dBuV/m	dBuV/m	limit	
	1	2483	.49	32.55	27.33	5.64	37.26	20.00	48.26	54.00	-5.74	Average
	2	2500	.00	31.37	27.30	5.66	37.26	20.00	47.07	54.00	-6.93	Average

Report No.: CHTEW23070102 Page: 25 of 42 Date of issue: 2023-07-28

Туре		802.1	1n(HT40)	Test ch	nannel	CH0	3	Pol	arity	Н	orizontal
	Mark	Frequency	Reading	Antenna	Cable	Preamp		Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2310.00	38.92	27.86	5.43	37.56	20.00	54.65	74.00	-19.35	Peak
	2	2389.99	39.25	27.54	5.53	37.45	20.00	54.87	74.00	-19.13	Peak
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	Over F	Remark
		MHz	dBuV/m	dB	dB	dB .	dB	dBuV/m	dBuV/m	limit	
	1	2310.00	34.54	27.86	5.43	37.56	20.00	50.27	54.00	-3.73 A	Average
	2	2389.99	32.75	27.54	5.53	37.45	20.00	48.37	54.00		Average
Туре		802.1	1n(HT40)	Test ch	nannel	CH0	3	Pol	arity	Ve	ertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit	Over limit	Remark
	1	2310.00	39.62	27.86	5.43	37.56	20.00	55.35	dBuV/m 74.00	-18.65	Peak
	2	2389.99	39.44	27.54	5.53	37.45	20.00	55.06	74.00	-18.94	
	2	2309.99	39.44	27.34	5.55	37.43	20.00	33.00	74.00	-10.94	reak
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	Over I	Remark
				1=	dB	dB .	dB	dBuV/m	dBuV/m	limit	
		MHz	dBuV/m	dB	ub	ub	ub	abav/III	abav/III		
	1	MHz 2310.00	dBuV/m 34.20	ав 27.86	5.43	37.56	20.00	49.93			Average

Туре		802.1	1n(HT40)	Test ch	nannel	CH0	9	Pol	arity	Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m		ver Remark imit
	1	2483.49	38.81	27.33	5.64	37.26	20.00	54.52	74.00 -1	9.48 Peak
	2	2500.00	39.15	27.30	5.66	37.26	20.00	54.85	74.00 -1	9.15 Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit Ove dBuV/m lim	
	1	2483.49	32.68	27.33	5.64	37.26	20.00	48.39		•
	2	2500.00	32.32	27.30	5.66	37.26	20.00	48.02	54.00 -5.	98 Average
Туре		802.1	1n(HT40)	Test ch	nannel	CH0	9	Pol	arity	Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m		ver Remark imit
	1	2483.49 2500.00	40.21 40.11	27.33 27.30	5.64 5.66	37.26 37.26	20.00 20.00			8.08 Peak 8.19 Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit Ove	
	1 2	2483.49 2500.00	32.27 32.04	27.33 27.30	5.64 5.66	37.26 37.26	20.00	47.98 47.74		.02 Average .26 Average

Report No.: CHTEW23070102 Page: 26 of 42 Date of issue: 2023-07-28

5.10. Radiated Spurious Emission

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

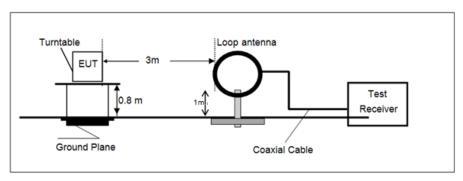
Frequency	Limit (dBuV/m)	Value
0.009 MHz ~0.49 MHz	2400/F(kHz) @300m	Quasi-peak
0.49 MHz ~ 1.705 MHz	24000/F(kHz) @30m	Quasi-peak
1.705 MHz ~30 MHz	30 @30m	Quasi-peak

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.

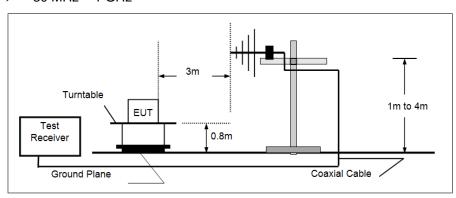
Frequency	Limit (dBuV/m @3m)	Value
30MHz~88MHz	40.00	Quasi-peak
88MHz~216MHz	43.50	Quasi-peak
216MHz~960MHz	46.00	Quasi-peak
960MHz~1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
Above IGHZ	74.00	Peak

TEST CONFIGURATION

→ 9 kHz ~ 30 MHz

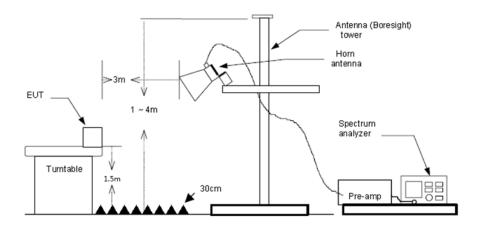


> 30 MHz ~ 1 GHz



Above 1 GHz

Report No.: CHTEW23070102 Page: 27 of 42 Date of issue: 2023-07-28



TEST PROCEDURE

- 1. The EUT was setup and tested according to ANSI C63.10.
- 2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
- 5. Set to the maximum power setting and enable the EUT transmit continuously.
- 6. Use the following spectrum analyzer settings
 - a) Span shall wide enough to fully capture the emission being measured;
 - b) Below 1 GHz:
 - RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;
 - If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
 - Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement:

- VBW=10Hz, When duty cycle is no less than 98 percent
- VBW≥1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation, so refer to this clasue 5.7 duty cycle.

TEST MODE

Refer to the clause 4.2

TEST RESULT

□ Passed □ Not Applicable

Note:

- 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.

Report No.: CHTEW23070102 Page: 28 of 42 Date of issue: 2023-07-28

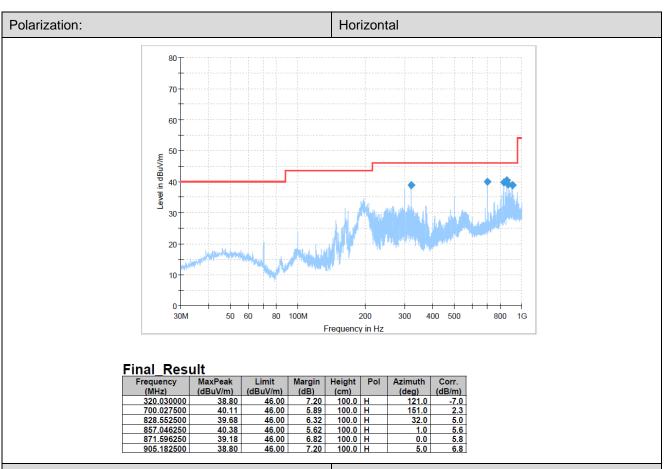
For 9 kHz ~ 30 MHz

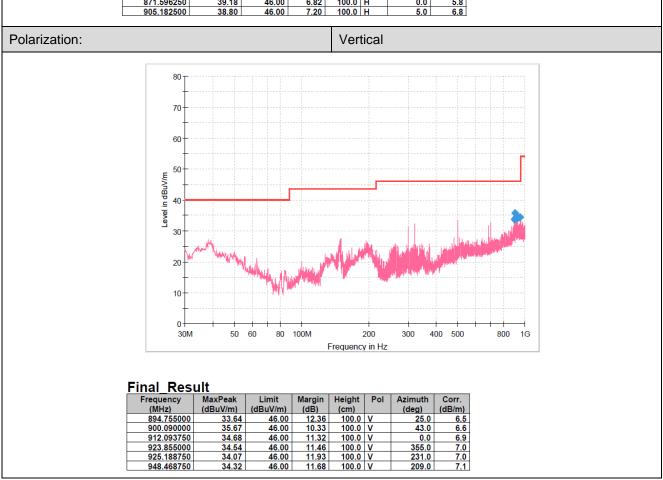
The EUT was pre-scanned this frequency band, found the radiated level 20dB lower than the limit, so don't show data on this report.

For 30 MHz ~ 1000 MHz

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

Report No.: CHTEW23070102 Page: 29 of 42 Date of issue: 2023-07-28





Report No.: CHTEW23070102 Page: 30 of 42 Date of issue: 2023-07-28

For 1 GHz ~ 25 GHz

Туре		802.11b		Test channe		CH01		Polarity		Horizontal	
	Mark	Frequency	Reading		Cabl				Ove		
		MHz	dBuV/r		dB	dB	dBuV/		limi		
	1	2987.92	47.02	28.50	6.19		44.24	74.00	-29.7		
	2	4821.76	42.21	31.26	8.50		46.73	74.00	-27.2		
	3	8083.96	34.72	37.00	11.15		49.55	74.00	-24.4	15 Peak	
	4	10888.51	34.11	40.48	12.52	36.76	50.35	74.00	-23.6	55 Peak	
Туре		802.11b		Test channe	I	CH01		Polarity		Vertical	
	Mark	Frequency	Readin		Cabl				0ve		
		MHz	dBuV/		dB	dB	dBuV/		limi		
	1	2995.54	50.91	28.50	6.20		48.14	74.00	-25.8		
	2	3993.90	47.34	29.79	7.38		48.14	74.00	-25.8		
	3	4821.76	42.50	31.26	8.50		47.02	74.00	-26.9		
	4	4996.69	45.26	31.39	8.81	35.24	50.22	74.00	-23.7	8 Peak	
Туре		802.11b		Test channe	I	CH06		Polarity		Horizontal	
	Mark	Frequency	Reading	g Antenna	Cabl	e Preamp	Leve	l Limit	Ove	er Remark	
		MHz	dBuV/r	•	dB	dB	dBuV/		limi		
	1	2987.92	48.37	28.50	6.19		45.59	74.00	-28.4		
	2	4871.10	41.19	31.20	8.63		45.86	74.00	-28.1		
	3	7981.72	34.47	36.96	10.89		49.01	74.00	-24.9		
	4	11574.46	33.51	40.35	12.76		50.24	74.00	-23.7		
		113771740	33.31	10.55	11.70		30121				
Туре		802.11b		Test channe	I	CH06		Polarity		Vertical	
	Mark	Frequency	Reading	Antenna	Cabl	e Preamp	Leve	l Limit	0ve	r Remark	
	ridi K	MHz	dBuV/n		dB	dB	dBuV/		limi		
	1	2995.54	52.22	28.50	6.20		49.45	74.00	-24.5		
	2	4871.10	42.95	31.20	8.63		47.62	74.00	-26.3		
	3	4983.99	45.81	31.34	8.80		50.73	74.00	-23.2		
	4	6992.14	38.39	35.07							
	+	0992.14								O Doole	
			30.39		10.11		49.51	74.00	-24.4		
Туре		802.11b	30.33	Test channe		34.06 CH11	49.51	Polarity	-24.4	9 Peak Horizontal	
Туре	Mark	802.11b		Test channe	I	CH11		Polarity		Horizontal	
Туре	Mark	802.11b	Readin	Test channe	Cabl	CH11 le Preamp	Leve	Polarity	Ove	Horizontal er Remark	
Туре		802.11b Frequency MHz	Readin dBuV/	Test channe	Cabl	CH11 Le Preamp	Leve dBuV/	Polarity Limit /m dBuV/m	Ove limi	Horizontal er Remark	
Туре	1	802.11b Frequency MHz 2987.92	Readin dBuV/ 48.30	Test channe g Antenna m dB 28.50	Cabl dB 6.19	CH11 le Preamp dB 37.47	Leve dBuV/ 45.52	Polarity Limit /m dBuV/m 74.00	Ove limi	Horizontal er Remark it 18 Peak	
Туре	1 2	802.11b Frequency MHz 2987.92 4996.69	Readin dBuV/ 48.30 45.50	Test channe g Antenna m dB 28.50 31.39	Cabl dB 6.19	CH11 le Preamp dB 37.47 L 35.24	Leve dBuV/ 45.52 50.46	Polarity Limit /m dBuV/m 74.00 74.00	Ove limi -28.4	Horizontal er Remark it 18 Peak 54 Peak	
Туре	1	802.11b Frequency MHz 2987.92	Readin dBuV/ 48.30	Test channe g Antenna m dB 28.50	Cabl dB 6.19	CH11 Le Preamp dB 9 37.47 L 35.24 9 33.31	Leve dBuV/ 45.52	Polarity Limit /m dBuV/m 74.00	Ove limi	Horizontal Remark	
Туре	1 2 3	802.11b Frequency MHz 2987.92 4996.69 7981.72	Readin dBuV/ 48.30 45.50 35.80	Test channe g Antenna m dB 28.50 31.39 36.96	Cabl dB 6.19 8.81 10.89	CH11 Le Preamp dB 9 37.47 1 35.24 9 33.31	Leve dBuV/ 45.52 50.46 50.34	Polarity Limit /m dBuV/m 74.00 74.00 74.00	Ove limi -28.4 -23.5 -23.6	Horizontal Remark t Reak Peak Peak	
	1 2 3 4	802.11b Frequency MHz 2987.92 4996.69 7981.72 10888.51 802.11b	Readin dBuV/ 48.30 45.50 35.80 34.92	Test channe g Antenna m dB 28.50 31.39 36.96 40.48 Test channe	Cabl dB 6.19 8.81 10.89 12.52	CH11 Le Preamp dB 9 37.47 1 35.24 9 33.31 2 36.76 CH11	Leve dBuV/ 45.52 50.46 50.34 51.16	Polarity 21 Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity	Ove limi -28.4 -23.5 -23.6 -22.8	Horizontal er Remark it 48 Peak 54 Peak 56 Peak 34 Peak Vertical	
	1 2 3	802.11b Frequency MHz 2987.92 4996.69 7981.72 10888.51 802.11b Frequency	Readin dBuV/ 48.30 45.50 35.80 34.92	Test channe g Antenna dB 28.50 31.39 36.96 40.48 Test channe	Cable	CH11 le Preamp dB 9 37.47 1 35.24 9 33.31 2 36.76 CH11 e Preamp	Leve dBuV/ 45.52 50.46 50.34 51.16	Polarity al Limit by dBuV/m 74.00 74.00 74.00 74.00 Polarity l Limit	Ove 1imi -28.4 -23.5 -23.6 -22.8	Horizontal Per Remark Remark Has Peak Has	
	1 2 3 4	802.11b Frequency MHz 2987.92 4996.69 7981.72 10888.51 802.11b Frequency MHz	Readin dBuV/ 48.30 45.50 35.80 34.92 Reading dBuV/m	Test channe g Antenna dB 28.50 31.39 36.96 40.48 Test channe g Antenna dB	Cabl dB 6.19 8.81 10.89 12.52	CH11 Le Preamp dB 9 37.47 1 35.24 9 33.31 2 36.76 CH11 e Preamp dB	Leve dBuV/ 45.52 50.46 50.34 51.16	Polarity Limit M dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit M dBuV/m	Ove limi -28.4 -23.5 -23.6 -22.8	Horizontal Remark Remark Heak Peak Peak Peak Vertical Remark	
	1 2 3 4 Mark	802.11b Frequency MHz 2987.92 4996.69 7981.72 10888.51 802.11b Frequency MHz 2987.92	Reading dBuV/ 48.30 45.50 35.80 34.92 Reading dBuV/n 51.66	Test channe g Antenna dB 28.50 31.39 36.96 40.48 Test channe g Antenna dB 28.50	Cabl dB 6.19 8.81 10.89 12.52	CH11 Le Preamp dB 9 37.47 1 35.24 9 33.31 2 36.76 CH11 e Preamp dB 37.47	Leve dBuV/ 45.52 50.46 50.34 51.16 Leve dBuV/ 48.88	Polarity 1 Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00	Ove limi -28.4 -23.5 -23.6 -22.8 Ove limi -25.1	Horizontal er Remark it 8 Peak 64 Peak 66 Peak 84 Peak Vertical er Remark t 2 Peak	
	1 2 3 4 Mark 1 2	802.11b Frequency MHz 2987.92 4996.69 7981.72 10888.51 802.11b Frequency MHz 2987.92 4983.99	Reading dBuV/ 48.30 45.50 35.80 34.92 Reading dBuV/n 51.66 42.33	Test channe g Antenna dB 28.50 31.39 36.96 40.48 Test channe g Antenna dB 28.50 31.34	Cable dB 6.19 8.81 12.52 Cable dB 6.19 8.80	CH11 Le Preamp dB 9 37.47 1 35.24 9 33.31 2 36.76 CH11 e Preamp dB 37.47 35.22	Leve dBuV/ 45.52 50.46 50.34 51.16 Leve dBuV/ 48.88 47.25	Polarity 1 Limit /m dBuV/m	Ove limi -28.4 -23.5 -23.6 -22.8 Ove limi -25.1 -26.7	Horizontal er Remark it 88 Peak 64 Peak 66 Peak 84 Peak Vertical er Remark t 2 Peak	
	1 2 3 4 Mark	802.11b Frequency MHz 2987.92 4996.69 7981.72 10888.51 802.11b Frequency MHz 2987.92	Reading dBuV/ 48.30 45.50 35.80 34.92 Reading dBuV/n 51.66	Test channe g Antenna dB 28.50 31.39 36.96 40.48 Test channe g Antenna dB 28.50	Cabl dB 6.19 8.81 10.89 12.52	CH11 Le Preamp dB 9 37.47 1 35.24 9 33.31 2 36.76 CH11 e Preamp dB 37.47 35.22 36.20	Leve dBuV/ 45.52 50.46 50.34 51.16 Leve dBuV/ 48.88	Polarity 1 Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00	Ove limi -28.4 -23.5 -23.6 -22.8 Ove limi -25.1	Horizontal er Remark it 88 Peak 64 Peak 66 Peak 84 Peak Vertical er Remark t 22 Peak 75 Peak 90 Peak	

Report No.: CHTEW23070102 Page: 31 of 42 Date of issue: 2023-07-28

Туре		802.11g		Test channe	el	CH01		Polarity		Horizontal	
	Mark	Frequency	Readin	_	Cab]				Ove		
	4	MHz	dBuV/ı		dB	dB	dBuV,		limi		
	1 2	2995.54 4821.76	45.13 42.16	28.50 31.26	6.20 8.50		42.36 46.68	74.00 74.00	-31.6 -27.3		
	3	7413.73	35.80	36.20	10.29		48.29	74.00	-25.7		
	4	9784.47	36.21	39.30	11.56		50.90	74.00	-23.1		
Typo		802.11g	30121	Test channe		CH01	30.30	Polarity	2313	Vertical	
Туре		802.119		Test Charline	³¹	CITOT		Folality		vertical	
	Mark	Frequency	Reading	Antenna	Cab1	e Preamp	Leve	el Limit	Ove	r Remark	
		MHz	dBuV/m	•	dB	dB .	dBuV/	/m dBuV/m	limi	t	
	1	2995.54	50.05	28.50	6.20	37.47	47.28	74.00	-26.7	2 Peak	
	2	3983.75	47.39	29.77	7.38	36.40	48.14	74.00	-25.8	86 Peak	
	3	4821.76	43.58	31.26	8.50		48.10	74.00	-25.9	0 Peak	
	4	8125.22	35.60	36.90	11.28	33.36	50.42	74.00	-23.5	8 Peak	
Туре		802.11g		Test channe	el	CH06		Polarity		Horizontal	
	Mark	Engaveney	Reading		Cabl		Leve	el Limit	0	n Domanie	
	nark	Frequency MHz	dBuV/m	•	dB	e Preamp dB	dBuV/		Ove limi		
	1	2987.92	49.03	28.50	6.19		46.25	74.00	-27.7		
	2	4871.10	41.73	31.20	8.63		46.40	74.00	-27.6		
	3	8022.46	34.98	37.00	10.95		49.62	74.00	-24.3		
	4	9909.80	36.32	39.30	11.95		50.47	74.00	-23.5		
Туре		802.11g		Test channe	el	CH06		Polarity		Vertical	
	Mark								_		
		Frequency	Reading		Cable		Leve		Ove		
	1	MHZ	dBuV/m	dB	dB	dB .	dBuV/	m dBuV/m	limi	t	
	1	MHZ 2987.92	dBuV/m 47.35	dB 28.50	dB 6.19	dB 37.47	dBuV/ 44.57	m dBuV/m 74.00	limi:	t 3 Peak	
	2	MHz 2987.92 4996.69	dBuV/m 47.35 45.59	dB 28.50 31.39	dB 6.19 8.81	dB 37.47 35.24	dBuV/ 44.57 50.55	m dBuV/m 74.00 74.00	limit -29.43 -23.45	t 3 Peak 5 Peak	
	2	MHZ 2987.92 4996.69 8125.22	dBuV/m 47.35 45.59 35.43	dB 28.50 31.39 36.90	dB 6.19 8.81 11.28	dB 37.47 35.24 33.36	dBuV/ 44.57 50.55 50.25	m dBuV/m 74.00 74.00 74.00	limi: -29.4: -23.4: -23.7:	t 3 Peak 5 Peak 5 Peak	
	2	MHz 2987.92 4996.69	dBuV/m 47.35 45.59	dB 28.50 31.39	dB 6.19 8.81	dB 37.47 35.24	dBuV/ 44.57 50.55	m dBuV/m 74.00 74.00	limit -29.43 -23.45	t 3 Peak 5 Peak 5 Peak	
Туре	2	MHZ 2987.92 4996.69 8125.22	dBuV/m 47.35 45.59 35.43	dB 28.50 31.39 36.90	dB 6.19 8.81 11.28 12.53	dB 37.47 35.24 33.36	dBuV/ 44.57 50.55 50.25	m dBuV/m 74.00 74.00 74.00	limi: -29.4: -23.4: -23.7:	t 3 Peak 5 Peak 5 Peak	
Туре	2 3 4	MHz 2987.92 4996.69 8125.22 10971.98 802.11g	dBuV/m 47.35 45.59 35.43 35.00	dB 28.50 31.39 36.90 40.50 Test channe	dB 6.19 8.81 11.28 12.53	dB 37.47 35.24 33.36 36.69	dBuV/ 44.57 50.55 50.25 51.34	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	limir -29.4: -23.4! -23.7! -22.6	t 3 Peak 5 Peak 5 Peak 6 Peak Horizontal	
Туре	2	MHz 2987.92 4996.69 8125.22 10971.98 802.11g	dBuV/m 47.35 45.59 35.43 35.00	dB 28.50 31.39 36.90 40.50 Test channe	dB 6.19 8.81 11.28 12.53	dB 37.47 35.24 33.36 36.69 CH11	dBuV/ 44.57 50.55 50.25 51.34	m dBuV/m 74.00 74.00 74.00 74.00 Polarity	limi: -29.4: -23.4: -23.7! -22.60	t Peak Peak Peak Peak Peak Peak Horizontal	
Туре	2 3 4 Mark	MHz 2987.92 4996.69 8125.22 10971.98 802.11g	dBuV/m 47.35 45.59 35.43 35.00	dB 28.50 31.39 36.90 40.50 Test channe Antenna dB	dB 6.19 8.81 11.28 12.53 el Cabl	dB 37.47 35.24 33.36 36.69 CH11	dBuV/ 44.57 50.55 50.25 51.34	m dBuV/m 74.00 74.00 74.00 74.00 Polarity	limir -29.4: -23.4! -23.7! -22.6	t Peak Peak Peak Peak Peak Peak Peak Horizontal	
Туре	2 3 4	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m	dB 28.50 31.39 36.90 40.50 Test channe	dB 6.19 8.81 11.28 12.53	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m	limi: -29.4: -23.4! -23.7! -22.6! Ove limi	t Peak Peak Peak Peak Peak Peak Peak Peak	
Туре	2 3 4 Mark	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44	dB 28.50 31.39 36.90 40.50 Test channe Antenna dB 28.50	dB 6.19 8.81 11.28 12.53 el Cabl dB 6.20	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00	1imir -29.44 -23.49 -23.79 -22.66 Ove limir -28.3	t Peak Peak Peak Peak Peak Peak Peak Peak	
Туре	2 3 4 Mark 1 2	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54 4996.69	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44 44.15	dB 28.50 31.39 36.90 40.50 Test channe Antenna dB 28.50 31.39	dB 6.19 8.81 11.28 12.53 el Cabl dB 6.20 8.81	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24 33.31	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67 49.11	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity 1 Limit /m dBuV/m 74.00 74.00	1imir -29.44 -23.49 -23.79 -22.66 Ove 1imir -28.33 -24.8	t Peak Peak Horizontal Remark t Peak Peak Peak Peak Peak Peak Peak Peak	
Type	2 3 4 Mark 1 2 3	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54 4996.69 8022.46	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44 44.15 35.02	dB 28.50 31.39 36.90 40.50 Test channe Antenna dB 28.50 31.39 37.00	dB 6.19 8.81 11.28 12.53 el Cabl dB 6.20 8.81 10.95 11.62	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24 33.31	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67 49.11 49.66	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00	1imir -29.4 -23.4 -23.7 -22.6 Ove limi -28.3 -24.8 -24.3	t Peak Peak Horizontal Remark t Peak Peak Peak Peak Peak Peak Peak Peak	
	2 3 4 Mark 1 2 3 4	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54 4996.69 8022.46 9759.59 802.11g	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44 44.15 35.02 36.26	dB 28.50 31.39 36.90 40.50 Test channe dB 28.50 31.39 37.00 39.30 Test channe	Cabl dB 6.19 8.81 11.28 12.53 El Cabl dB 6.20 8.81 10.95 11.62	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24 33.31 36.29 CH11	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67 49.11 49.66 50.89	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity **I Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity	1imir -29.4: -23.4! -23.7! -22.6! Ove limir -28.3: -24.8: -24.3:	t Peak Peak Horizontal Remark t Peak Peak Peak Peak Peak Vertical	
	2 3 4 Mark 1 2 3	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54 4996.69 8022.46 9759.59 802.11g	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44 44.15 35.02 36.26	dB 28.50 31.39 36.90 40.50 Test channe dB 28.50 31.39 37.00 39.30 Test channe	Cabl dB 6.19 8.81 11.28 12.53 Cabl dB 6.20 8.81 10.95 11.62	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24 33.31 36.29 CH11	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67 49.11 49.66 50.89	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity **I Limit 'm dBuV/m 74.00 74.00 74.00 74.00 Polarity Polarity	1imi: -29.4: -23.4! -23.7: -22.6: Ove limi -28.3 -24.8 -24.3 -23.1	t Beak Peak Peak Peak Peak Peak Peak Peak P	
	2 3 4 Mark 1 2 3 4	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54 4996.69 8022.46 9759.59 802.11g	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44 44.15 35.02 36.26	dB 28.50 31.39 36.90 40.50 Test channe dB 28.50 31.39 37.00 39.30 Test channe dB Antenna dB Antenna dB	Cabl dB 6.19 8.81 11.28 12.53 El Cabl dB 6.20 8.81 10.95 11.62	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24 33.31 36.29 CH11	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67 49.11 49.66 50.89	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity **I Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity Polarity	1imi: -29.4: -23.4! -23.7: -22.6: Ove limi: -28.3: -24.8: -24.3: -23.1	t 3 Peak 5 Peak 6 Peak 6 Peak 6 Peak 6 Peak 6 Peak 7 Peak 7 Peak 9 Peak 7 Peak 1 Peak 7 Peak	
	2 3 4 Mark 1 2 3 4	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54 4996.69 8022.46 9759.59 802.11g Frequency MHz 2995.54	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44 44.15 35.02 36.26	dB 28.50 31.39 36.90 40.50 Test channe Antenna dB 28.50 31.39 37.00 39.30 Test channe B Antenna dB 28.50	Cabl dB 6.20 8.81 11.28 12.53 Cabl dB 6.20 8.81 10.95 11.62 Cabl dB 6.20	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24 33.31 36.29 CH11	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67 49.11 49.66 50.89	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity **I Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity **Polarity **I Limit /m dBuV/m /fin dBuV/m	1imir -29.4: -23.4! -23.7! -22.6! Ove limir -28.3 -24.8 -24.3 -23.1	t 3 Peak 5 Peak 6 Peak 7 Peak 9 Peak 9 Peak 1 Peak 7 Peak 8 Peak	
	2 3 4 Mark 1 2 3 4	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54 4996.69 802.11g Frequency MHz 2995.54 4996.69	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44 44.15 35.02 36.26	dB 28.50 31.39 36.90 40.50 Test channe Antenna dB 28.50 31.39 37.00 39.30 Test channe G Antenna dB 28.50 31.39 37.30	Cabl 6.20 8.81 11.28 12.53 Cabl dB 6.20 8.81 10.95 11.62 Cabl dB 6.20 8.81	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24 33.31 36.29 CH11	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67 49.11 49.66 50.89 Leve dBuV/ 46.92 49.98	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00 74.00 74.00 Polarity 2 Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00	1imir -29.4: -23.4! -23.7! -22.66 Ove limi -28.3 -24.8 -24.3 -23.1	t Peak Peak Peak Peak Peak Peak Peak Peak	
	2 3 4 Mark 1 2 3 4	MHz 2987.92 4996.69 8125.22 10971.98 802.11g Frequency MHz 2995.54 4996.69 8022.46 9759.59 802.11g Frequency MHz 2995.54	dBuV/m 47.35 45.59 35.43 35.00 Reading dBuV/m 48.44 44.15 35.02 36.26	dB 28.50 31.39 36.90 40.50 Test channe Antenna dB 28.50 31.39 37.00 39.30 Test channe B Antenna dB 28.50	Cabl dB 6.19 8.81 11.28 12.53 Cabl dB 6.20 8.81 10.95 11.62 el	dB 37.47 35.24 33.36 36.69 CH11 e Preamp dB 37.47 35.24 33.31 36.29 CH11 e Preamp dB 37.47 35.24 33.31	dBuV/ 44.57 50.55 50.25 51.34 Leve dBuV/ 45.67 49.11 49.66 50.89	m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity **I Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity **Polarity **I Limit /m dBuV/m /fin dBuV/m	1imir -29.4: -23.4! -23.7! -22.6! Ove limir -28.3 -24.8 -24.3 -23.1	t Peak Peak Peak Peak Peak Peak Peak Peak	

Report No.: CHTEW23070102 Page: 32 of 42 Date of issue: 2023-07-28

Туре		802.11n(F	HT20)	Test channe	el	CH01		Polarity		Horizontal	
	Mark	Frequency MHz	Reading dBuV/r		Cabl dB	e Preamp dB	Leve dBuV/		Ove limi		
	1	2987.92	47.41	28.50	6.19		44.63	74.00	-29.3		
	2	4821.76	42.30	31.26	8.50	35.24	46.82	74.00	-27.1	8 Peak	
	3	8002.06	34.98	37.00	10.91	33.31	49.58	74.00	-24.4	2 Peak	
	4	10534.09	34.80	40.00	12.47	37.06	50.21	74.00	-23.7	9 Peak	
Туре		802.11n(H	HT20)	Test channe	el	CH01		Polarity		Vertical	
	Mark	Frequency MHz	Reading dBuV/r		Cabl dB	e Preamp dB	Leve dBuV/		Ove limi		
	1	2995.54	49.30	28.50	6.20		46.53	74.00	-27.4		
	2	4821.76	44.49	31.26	8.50		49.01	74.00	-24.9		
	3	4983.99	45.36	31.34	8.80		50.28	74.00	-23.7		
	4	8104.56	34.74	36.98	11.21		49.60	74.00	-24.4		
Туре		802.11n(H	HT20)	Test channe	el	CH06		Polarity		Horizontal	
	Mark	Frequency MHz	Reading dBuV/n	•	Cabl dB	e Preamp dB	Leve dBuV/		Ove limi		
	1	2987.92	47.68	28.50	6.19	37.47	44.90	74.00	-29.1		
	2	4871.10	40.90	31.20	8.63		45.57	74.00	-28.4		
	3	4996.69	39.80	31.39	8.81		44.76	74.00	-29.2		
	4	8042.90	34.97	37.00	11.02	33.31	49.68	74.00	-24.3	32 Peak	
_											
Туре		802.11n(H	HT20)	Test channe	el	CH06		Polarity		Vertical	
Туре	Mark	Frequency	Reading	g Antenna	Cabl	e Preamp		el Limit	0ve	er Remark	
Туре		Frequency MHz	Reading dBuV/	g Antenna m dB	Cabl dB	le Preamp dB	dBuV/	el Limit /m dBuV/m	limi	er Remark it	
Туре	1	Frequency MHz 2995.54	Reading dBuV/s 50.73	g Antenna m dB 28.50	Cabl dB 6.20	e Preamp dB 37.47	dBuV/ 47.96	Limit /m dBuV/m 74.00	lim:	er Remark it 04 Peak	
Туре	1 2	Frequency MHz 2995.54 3983.75	Reading dBuV/s 50.73 46.72	g Antenna m dB 28.50 29.77	Cabl dB 6.20 7.38	e Preamp dB 37.47 3 36.40	dBuV/ 47.96 47.47	el Limit /m dBuV/m 74.00 74.00	lim: -26.0 -26.5	er Remark it 04 Peak 53 Peak	
Туре	1	Frequency MHz 2995.54 3983.75 4996.69	Reading dBuV/s 50.73 46.72 42.77	g Antenna dB 28.50 29.77 31.39	Cabl dB 6.20 7.38 8.81	dB 37.47 36.40 35.24	dBuV/ 47.96 47.47 47.73	l Limit /m dBuV/m 74.00 74.00 74.00	limi -26.0 -26.5	er Remark it 04 Peak 53 Peak 27 Peak	
Туре	1 2 3	Frequency MHz 2995.54 3983.75	Reading dBuV/s 50.73 46.72	g Antenna m dB 28.50 29.77	Cabl dB 6.20 7.38	dB 37.47 36.40 35.24	dBuV/ 47.96 47.47	el Limit /m dBuV/m 74.00 74.00	lim: -26.0 -26.5	er Remark it 04 Peak 53 Peak 27 Peak	
Туре	1 2 3	Frequency MHz 2995.54 3983.75 4996.69	Reading dBuV/1 50.73 46.72 42.77 35.46	g Antenna dB 28.50 29.77 31.39	Cabl dB 6.20 7.38 8.81 10.91	dB 37.47 36.40 35.24	dBuV/ 47.96 47.47 47.73	l Limit /m dBuV/m 74.00 74.00 74.00	limi -26.0 -26.5	er Remark it 04 Peak 53 Peak 27 Peak	
	1 2 3 4	Frequency MHz 2995.54 3983.75 4996.69 8002.06	Reading dBuV/1 50.73 46.72 42.77 35.46	g Antenna dB 28.50 29.77 31.39 37.00 Test channe	Cabl dB 6.20 7.38 8.81 10.91	Preamp dB 37.47 36.40 35.24 33.31 CH11	dBuV/ 47.96 47.47 47.73 50.06	el Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	lim: -26.6 -26.5 -26.2	er Remark it 04 Peak 53 Peak 27 Peak 94 Peak Horizontal	
	1 2 3	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20)	g Antenna m dB 28.50 29.77 31.39 37.00 Test channe	Cabl dB 6.20 7.38 8.81 10.91	Preamp dB 37.47 36.40 35.24 33.31 CH11	dBuV/ 47.96 47.47 47.73 50.06	el Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	1im: -26.6 -26.5 -26.2 -23.9	er Remark it 04 Peak 53 Peak 27 Peak 94 Peak Horizontal	
	1 2 3 4	Frequency MHz 2995.54 3983.75 4996.69 8002.06	Reading dBuV/1 50.73 46.72 42.77 35.46	g Antenna dB 28.50 29.77 31.39 37.00 Test channe	Cabl dB 6.20 7.38 8.81 10.91	Preamp dB 37.47 36.40 35.24 33.31 CH11 Le Preamp dB	dBuV/ 47.96 47.47 47.73 50.06	el Limit /m dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	lim: -26.6 -26.5 -26.2	er Remark it 04 Peak 53 Peak 27 Peak 94 Peak Horizontal	
	1 2 3 4 Mark	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(F	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20)	g Antenna m dB 28.50 29.77 31.39 37.00 Test channe g Antenna m dB	Cabl dB 6.20 7.38 8.81 10.91	Preamp dB 37.47 36.40 35.24 33.31 CH11 Le Preamp dB 37.47	dBuV/ 47.96 47.47 47.73 50.06	el Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity	1im: -26.6 -26.5 -26.2 -23.9 Ove limi	er Remark it 24 Peak 53 Peak 27 Peak 94 Peak Horizontal er Remark t	
	1 2 3 4	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20) Reading dBuV/ 46.78	g Antenna m dB 28.50 29.77 31.39 37.00 Test channe g Antenna m dB 28.50	Cabl dB 6.20 7.38 8.81 10.91 Cabl dB 6.20	Preamp dB 37.47 36.40 35.24 33.31 CH11 Le Preamp dB 37.47 L 35.24	dBuV/ 47.96 47.47 47.73 50.06 Leve dBuV/ 44.01	el Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit /m dBuV/m 74.00	1im: -26.0 -26.5 -26.3 -23.9 Ove limi -29.9	er Remark it 44 Peak 53 Peak 27 Peak 94 Peak Horizontal	
	1 2 3 4 Mark	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20) Reading dBuV/ 46.78 45.60	g Antenna m dB 28.50 29.77 31.39 37.00 Test channe g Antenna m dB 28.50 31.39	Cabl dB 6.20 7.38 8.81 10.91 Cabl dB 6.20 8.81	Preamp dB 37.47 36.40 35.24 33.31 CH11 Le Preamp dB 37.47 1 35.24 1 33.31	dBuV/ 47.96 47.47 47.73 50.06 Leve dBuV/ 44.01 50.56	el Limit /m dBuV/m 74.00 74.00 74.00 74.00 Polarity el Limit /m dBuV/m 74.00 74.00 74.00	1im: -26.6 -26.5 -26.2 -23.9 Over limi -29.9 -23.4	er Remark it 44 Peak 53 Peak 27 Peak 94 Peak Horizontal Fr Remark t 19 Peak 4 Peak 11 Peak	
	1 2 3 4 4 Mark 1 2 3	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H Frequency MHz 2995.54 4996.69 8002.06 9859.47	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20) Reading dBuV/ 46.78 45.60 35.39 35.98	g Antenna m dB 28.50 29.77 31.39 37.00 Test channe g Antenna m dB 28.50 31.39 37.00	Cabl dB 6.20 7.38 8.81 10.91 Cabl dB 6.20 8.81 10.91 11.75	Preamp dB 37.47 36.40 35.24 33.31 CH11 Le Preamp dB 37.47 1 35.24 1 33.31	dBuV/ 47.96 47.47 47.73 50.06 Leve dBuV/ 44.01 50.56 49.99	Polarity Limit M dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit M dBuV/m 74.00 74.00 74.00 74.00	1im: -26.6 -26.5 -26.7 -23.9 Ove limi -29.9 -23.4 -24.0	er Remark it 44 Peak 53 Peak 27 Peak 94 Peak Horizontal Fr Remark t 19 Peak 4 Peak 11 Peak	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H Frequency MHz 2995.54 4996.69 8002.06 9859.47 802.11n(H	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20) Reading dBuV/46.78 45.60 35.39 35.98	g Antenna dB 28.50 29.77 31.39 37.00 Test channe g Antenna m dB 28.50 31.39 37.00 39.38 Test channe	Cabl 6.20 7.38 8.81 10.91 Cabl 6.20 8.81 10.91 11.75	Preamp dB 37.47 36.40 35.24 33.31 CH11 Preamp dB 37.47 435.24 33.31 536.65 CH11	dBuV/ 47.96 47.47 47.73 50.06 Leve dBuV/ 44.01 50.56 49.99 50.46	Polarity	1imi -26.6 -26.1 -26.2 -23.9 Over limi -29.9 -23.4 -24.0 -23.5	er Remark it 24 Peak 25 Peak 26 Peak Horizontal 27 Remark 28 Peak 29 Peak 20 Peak 20 Peak 20 Peak 21 Peak 22 Peak 23 Peak 24 Peak 25 Peak 26 Peak 27 Peak 28 Peak 29 Peak 20 Peak 20 Peak 20 Peak 20 Peak 21 Peak 22 Peak 23 Peak 24 Peak	
Туре	1 2 3 4 4 Mark 1 2 3	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H Frequency MHz 2995.54 4996.69 8002.06 9859.47 802.11n(H	Reading dBuV/150.73 46.72 42.77 35.46 HT20) Reading dBuV/46.78 45.60 35.39 35.98 HT20)	Martenna dB 28.50 29.77 31.39 37.00 Test channe dB 28.50 31.39 37.00 39.38 Test channe dB Antenna dB Antenna dB Antenna dB Antenna dB Antenna dB Antenna	Cabl dB 6.20 7.38 8.81 10.91 Cabl dB 6.20 8.81 11.75	Preamp dB 37.47 36.40 35.24 33.31 CH11 Preamp dB 37.47 35.24 33.31 5 36.65 CH11 Preamp	dBuV/ 47.96 47.47 47.73 50.06 Leve dBuV/ 44.01 50.56 49.99 50.46	Polarity	1imi -26.6 -26.1 -26.2 -26.2 -23.5 Over limi -29.9 -23.4 -24.0 -23.5	r Remark 104 Peak 1053 Peak 1054 Peak 1055 Peak 1056 Peak 1057 Peak 1057 Peak 1058 Peak 1059 Pea	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H Frequency MHz 2995.54 4996.69 8002.06 9859.47 802.11n(H	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20) Reading dBuV/46.78 45.60 35.39 35.98 HT20)	Martenna dB 28.50 29.77 31.39 37.00 Test channe dB 28.50 31.39 37.00 39.38 Test channe dB Antenna dB	Cabl dB 6.20 7.38 8.81 10.91 dB 6.20 8.81 11.75 Cabl dB	Preamp dB 37.47 36.40 35.24 33.31 CH11 Preamp dB 37.47 35.24 33.31 5 36.65 CH11 Preamp dB	dBuV/ 47.96 47.47 47.73 50.06 Leve dBuV/ 44.01 50.56 49.99 50.46 Leve dBuV/	Polarity Polarity Polarity 1 Limit M dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 Polarity Limit M dBuV/m 74.00 74.00 Polarity	1imi -26.6 -26.1 -26.2 -23.5 Over limi -29.9 -23.4 -24.0 -23.5	r Remark 104 Peak 1053 Peak 1054 Peak 1055 Peak 1056 Peak 1057 Peak 1057 Peak 1058 Peak 1059 Pea	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H Frequency MHz 2995.54 4996.69 8002.06 9859.47 802.11n(H	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20) Reading dBuV/46.78 45.60 35.39 35.98 HT20) Reading dBuV/n 51.64	Martenna dB 28.50 29.77 31.39 37.00 Test channe dB 28.50 31.39 37.00 39.38 Test channe dB 28.50 Antenna dB 28.50	Cabl dB 6.20 7.38 8.81 10.91 dB 6.20 8.81 11.75 Cabl dB 6.20 6.20	Preamp dB 37.47 36.40 35.24 33.31 CH11 Preamp dB 37.47 35.24 33.31 636.65 CH11 Preamp dB 37.47	dBuV/ 47.96 47.47 47.73 50.06 Leve dBuV/ 44.01 50.56 49.99 50.46 Leve dBuV/ 48.87	Polarity Limit M dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit M dBuV/m 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 Polarity Limit dBuV/m 74.00	1imi -26.6 -26.1 -26.2 -23.5 Ovee limi -29.9 -23.4 Ovee limi -25.1	Remark it 24 Peak 27 Peak 27 Peak 28 Peak 29 Peak 4 Peak 4 Peak 4 Peak 4 Peak 4 Peak 5 Peak 5 Peak 6 Peak 7 Peak 6 Peak 6 Peak 7 Peak 8 Peak 8 Peak 8 Peak 9 Peak 9 Peak 9 Peak 1 Peak	
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 2995.54 3983.75 4996.69 8002.06 802.11n(H Frequency MHz 2995.54 4996.69 8002.06 9859.47 802.11n(H	Reading dBuV/1 50.73 46.72 42.77 35.46 HT20) Reading dBuV/46.78 45.60 35.39 35.98 HT20)	Martenna dB 28.50 29.77 31.39 37.00 Test channe dB 28.50 31.39 37.00 39.38 Test channe dB Antenna dB	Cabl dB 6.20 7.38 8.81 10.91 dB 6.20 8.81 11.75 Cabl dB	Preamp dB 37.47 36.40 35.24 33.31 CH11	dBuV/ 47.96 47.47 47.73 50.06 Leve dBuV/ 44.01 50.56 49.99 50.46 Leve dBuV/	Polarity Polarity Polarity 1 Limit M dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 Polarity Limit M dBuV/m 74.00 74.00 Polarity	1imi -26.6 -26.1 -26.2 -23.5 Over limi -29.9 -23.4 -24.0 -23.5	r Remark 104 Peak 1053 Peak 1064 Peak 1074 Peak 1075 Peak	

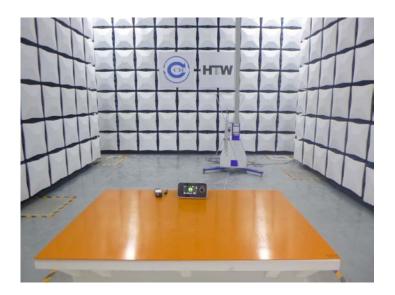
Report No.: CHTEW23070102 Page: 33 of 42 Date of issue: 2023-07-28

Туре		802.11n(l	HT40)	Test channe	el	CH03		Polarity		Horizontal	
71											
	Mark	Frequency	Reading		Cable		Leve		Over		
		MHZ	dBuV/n		dB	dB	dBuV/		limit		
	1	2987.92	49.08	28.50	6.19	37.47	46.30	74.00	-27.76		
	2	4983.99	43.85	31.34	8.80	35.22	48.77	74.00	-25.23		
	3	8042.90	34.77	37.00	11.02	33.31	49.48	74.00	-24.52		
	4	11370.05	34.66	40.31	12.68	36.45	51.20	74.00	-22.86	9 Peak	
Туре		802.11n(l	HT40)	Test channe	el	CH03		Polarity		Vertical	
	Mark	Frequency	Reading	Antenna	Cable	e Preamp	Leve	l Limit	0ve	r Remark	
	nark	MHz	dBuV/m		dB	dB	dBuV/		limi		
	1	2987.92	51.77	28.50	6.19				-25.0		
	1					37.47	48.99	74.00			
	2	4256.33	45.93	30.03	7.72	36.11	47.57	74.00	-26.4		
	3	4996.69	43.99	31.39	8.81	35.24	48.95	74.00	-25.0		
	4	5338.58	43.51	31.38	9.46	35.41	48.94	74.00	-25.0	6 Peak	
Туре		802.11n(l	HT40)	Test channe	el le	CH06		Polarity		Horizontal	
	Mark	Frequency	Readin		Cabl				0ve		
		MHz	dBuV/ı		dB	dB	dBuV/		limi		
	1	2995.54	47.73	28.50	6.20		44.96	74.00	-29.04		
	2	4996.69	43.71	31.39	8.81		48.67	74.00	-25.3		
	3	8083.96	34.82	37.00	11.15	33.32	49.65	74.00	-24.3	5 Peak	
	4	9809.40	35.09	39.32	11.56	36.19	49.78	74.00	-24.2	2 Peak	
Туре		802.11n(l	HT40)	Test channe	el	CH06		Polarity		Vertical	
	Mark	Frequency	Reading	Antenna	Cable	e Preamp	Leve	l Limit	0ve	r Remark	
		MHz	dBuV/m		dB	dB	dBuV/		limi		
				u u						_	
		2995 54	52 45	28 50	6 20	37 47	49 68			2 Peak	
	1	2995.54	52.45	28.50	6.20	37.47	49.68	74.00	-24.3		
	2	4996.69	45.00	31.39	8.81	35.24	49.96	74.00 74.00	-24.3 -24.0	4 Peak	
	2	4996.69 8042.90	45.00 35.49	31.39 37.00	8.81 11.02	35.24 33.31	49.96 50.20	74.00 74.00 74.00	-24.3 -24.0 -23.8	4 Peak 0 Peak	
	2	4996.69	45.00	31.39	8.81	35.24	49.96	74.00 74.00	-24.3 -24.0	4 Peak 0 Peak	
Туре	2	4996.69 8042.90	45.00 35.49 36.36	31.39 37.00	8.81 11.02 11.84	35.24 33.31	49.96 50.20	74.00 74.00 74.00	-24.3 -24.0 -23.8	4 Peak 0 Peak	
Туре	2 3 4	4996.69 8042.90 9884.60 802.11n(k	45.00 35.49 36.36 HT40)	31.39 37.00 39.33 Test channe	8.81 11.02 11.84	35.24 33.31 36.87 CH09	49.96 50.20 50.66	74.00 74.00 74.00 74.00 Polarity	-24.3 -24.0 -23.8 -23.3	4 Peak 0 Peak 4 Peak Horizontal	
Туре	2	4996.69 8042.90 9884.60 802.11n(H	45.00 35.49 36.36 HT40)	31.39 37.00 39.33 Test channe	8.81 11.02 11.84	35.24 33.31 36.87 CH09	49.96 50.20 50.66	74.00 74.00 74.00 74.00 Polarity	-24.3 -24.0 -23.8 -23.3	4 Peak 0 Peak 4 Peak Horizontal	
Type	2 3 4 Mark	4996.69 8042.90 9884.60 802.11n(H	45.00 35.49 36.36 HT40)	31.39 37.00 39.33 Test channe g Antenna n dB	8.81 11.02 11.84 el Cablo	35.24 33.31 36.87 CH09 	49.96 50.20 50.66 Leve dBuV/	74.00 74.00 74.00 74.00 Polarity 	-24.3 -24.0 -23.8 -23.3 Over	4 Peak 0 Peak 4 Peak Horizontal	
Туре	2 3 4 Mark	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92	45.00 35.49 36.36 HT40) Reading dBuV/r 46.18	31.39 37.00 39.33 Test channe g Antenna dB 28.50	8.81 11.02 11.84 el Cable dB 6.19	35.24 33.31 36.87 CH09 e Preamp dB 37.47	49.96 50.20 50.66 Leve dBuV/ 43.40	74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00	-24.3 -24.0 -23.8 -23.3 Over limit -30.66	4 Peak 0 Peak 4 Peak Horizontal r Remark t 0 Peak	
Туре	2 3 4 Mark 1 2	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92 4983.99	45.00 35.49 36.36 HT40) Reading dBuV/1 46.18 45.41	31.39 37.00 39.33 Test channe g Antenna dB 28.50 31.34	8.81 11.02 11.84 el Cabla dB 6.19 8.80	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33	74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00	-24.3 -24.0 -23.8 -23.3 Over limit -30.60 -23.6	4 Peak 0 Peak 4 Peak Horizontal r Remark t 0 Peak 7 Peak	
Туре	2 3 4 Mark 1 2 3	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92 4983.99 8063.40	45.00 35.49 36.36 HT40) Reading dBuV/1 46.18 45.41 34.19	31.39 37.00 39.33 Test channe 3 Antenna dB 28.50 31.34 37.00	8.81 11.02 11.84 el Cable dB 6.19 8.80 11.08	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 33.32	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33 48.95	74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00 74.00 74.00	-24.3 -24.0 -23.8 -23.3 Over limit -30.6 -23.6	4 Peak 0 Peak 4 Peak Horizontal r Remark t 0 Peak 7 Peak 5 Peak	
Туре	2 3 4 Mark 1 2	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92 4983.99	45.00 35.49 36.36 HT40) Reading dBuV/1 46.18 45.41	31.39 37.00 39.33 Test channe g Antenna dB 28.50 31.34	8.81 11.02 11.84 el Cabla dB 6.19 8.80	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 33.32	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33	74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00	-24.3 -24.0 -23.8 -23.3 Over limit -30.60 -23.6	4 Peak 0 Peak 4 Peak Horizontal r Remark t 0 Peak 7 Peak 5 Peak	
Type	2 3 4 Mark 1 2 3	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92 4983.99 8063.40	45.00 35.49 36.36 HT40) Reading dBuV/r 46.18 45.41 34.19 35.56	31.39 37.00 39.33 Test channe 3 Antenna dB 28.50 31.34 37.00	8.81 11.02 11.84 el Cablida 6.19 8.80 11.08	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 33.32	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33 48.95	74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00 74.00 74.00	-24.3 -24.0 -23.8 -23.3 Over limit -30.6 -23.6	4 Peak 0 Peak 4 Peak Horizontal r Remark t 0 Peak 7 Peak 5 Peak	
	2 3 4 Mark 1 2 3 4	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92 4983.99 8063.40 9884.60 802.11n(H	45.00 35.49 36.36 HT40) Reading dBuV/r 46.18 45.41 34.19 35.56	31.39 37.00 39.33 Test channe 3 Antenna dB 28.50 31.34 37.00 39.33 Test channe	8.81 11.02 11.84 el Cabl. dB 6.19 8.80 11.08 11.84	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 33.32 36.87 CH09	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33 48.95 49.86	74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity	-24.3 -24.0 -23.8 -23.3 Over limir -30.6 -23.6 -25.0 -24.1	4 Peak 9 Peak 4 Peak Horizontal r Remark t 9 Peak 7 Peak 5 Peak 4 Peak Vertical	
	2 3 4 Mark 1 2 3	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92 4983.99 8063.40 9884.60 802.11n(H	45.00 35.49 36.36 HT40) Reading dBuV/r 46.18 45.41 34.19 35.56 HT40) Reading	31.39 37.00 39.33 Test channe 3 Antenna dB 28.50 31.34 37.00 39.33 Test channe	8.81 11.02 11.84 el Cable dB 6.19 8.80 11.08 11.84	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 33.32 36.87 CH09	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33 48.95 49.86	74.00 74.00 74.00 74.00 Polarity Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity Polarity Limit	-24.3 -24.0 -23.8 -23.3 Over limir -30.6 -23.6 -24.1	4 Peak 9 Peak 4 Peak Horizontal	
	2 3 4 Mark 1 2 3 4	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92 4983.99 8063.40 9884.60 802.11n(H Frequency MHz	45.00 35.49 36.36 HT40) Reading dBuV/r 46.18 45.41 34.19 35.56 HT40) Reading dBuV/r	31.39 37.00 39.33 Test channe 3 Antenna dB 28.50 31.34 37.00 39.33 Test channe 4 Antenna dB	8.81 11.02 11.84 el Cable dB 6.19 8.80 11.08 11.84	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 33.32 36.87 CH09 e Preamp dB	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33 48.95 49.86	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	-24.3 -24.0 -23.8 -23.3 Over limir -30.6 -23.6 -25.09 -24.1	4 Peak 9 Peak 4 Peak Horizontal r Remark t 9 Peak 7 Peak 5 Peak 4 Peak Vertical r Remark t	
	2 3 4 Mark 1 2 3 4	4996.69 8042.90 9884.60 802.11n(h Frequency MHz 2987.92 4983.99 8063.40 9884.60 802.11n(h Frequency MHz 2995.54	45.00 35.49 36.36 HT40) Reading dBuV/r 46.18 45.41 34.19 35.56 HT40) Reading dBuV/r 48.99	31.39 37.00 39.33 Test channe 3 Antenna dB 28.50 31.34 37.00 39.33 Test channe 4 Antenna dB 28.50	8.81 11.02 11.84 el Cable 6.19 8.80 11.08 11.84 el	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 33.32 36.87 CH09 e Preamp dB 37.47	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33 48.95 49.86 Leve dBuV/ 46.22	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	-24.3 -24.0 -23.8 -23.3 -23.3 -24.1 -23.6 -25.09 -24.1 -27.7	4 Peak 9 Peak 4 Peak Horizontal r Remark t 9 Peak 7 Peak 5 Peak 4 Peak Vertical r Remark t	
	2 3 4 Mark 1 2 3 4	4996.69 8042.90 9884.60 802.11n(H Frequency MHz 2987.92 4983.99 8063.40 9884.60 802.11n(H Frequency MHz 2995.54 4996.69	45.00 35.49 36.36 HT40) Reading dBuV/r 46.18 45.41 34.19 35.56 HT40) Reading dBuV/r 48.99 39.68	31.39 37.00 39.33 Test channe 3 Antenna dB 28.50 31.34 37.00 39.33 Test channe 4 Antenna dB 28.50 31.39	8.81 11.02 11.84 el Cable 6.19 8.80 11.08 11.84 el Cable dB 6.20 8.81	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 36.87 CH09 e Preamp dB 37.47 35.24	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33 48.95 49.86 Leve dBuV/ 46.22 44.64	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	-24.3 -24.0 -23.8 -23.3 Over limit -30.6 -25.09 -24.1 Over limit -27.78 -29.30	4 Peak 9 Peak 4 Peak Horizontal r Remark t 9 Peak 7 Peak 5 Peak 4 Peak Vertical r Remark t 8 Peak 6 Peak	
	2 3 4 Mark 1 2 3 4	4996.69 8042.90 9884.60 802.11n(h Frequency MHz 2987.92 4983.99 8063.40 9884.60 802.11n(h Frequency MHz 2995.54	45.00 35.49 36.36 HT40) Reading dBuV/r 46.18 45.41 34.19 35.56 HT40) Reading dBuV/r 48.99	31.39 37.00 39.33 Test channe 3 Antenna dB 28.50 31.34 37.00 39.33 Test channe 4 Antenna dB 28.50	8.81 11.02 11.84 el Cable 6.19 8.80 11.08 11.84 el	35.24 33.31 36.87 CH09 e Preamp dB 37.47 35.22 36.87 CH09 e Preamp dB 37.47 35.24	49.96 50.20 50.66 Leve dBuV/ 43.40 50.33 48.95 49.86 Leve dBuV/ 46.22	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	-24.3 -24.0 -23.8 -23.3 -23.3 -24.1 -23.6 -25.09 -24.1 -27.7	4 Peak 9 Peak 4 Peak Horizontal r Remark t 9 Peak 7 Peak 5 Peak 4 Peak Vertical r Remark t 8 Peak 5 Peak 6 Peak 6 Peak	

Report No.: CHTEW23070102 Page: 34 of 42 Date of issue: 2023-07-28

6. TEST SETUP PHOTOS

Radiated Emission

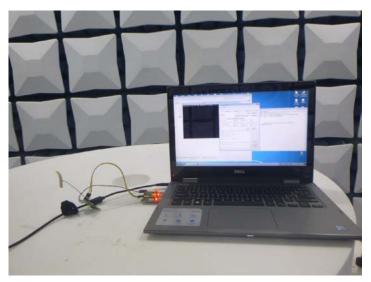




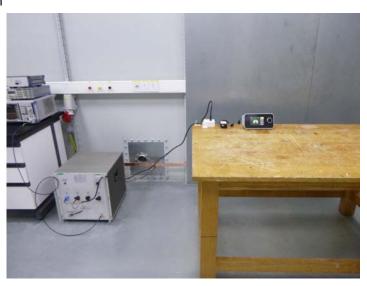


Report No.: CHTEW23070102 Page: 35 of 42 Date of issue: 2023-07-28





AC Conducted Emission



Report No.: CHTEW23070102 Page: 36 of 42 Date of issue: 2023-07-28

7. EXTERNAL AND INTERNAL PHOTOS

7.1. External Photos







Report No.: CHTEW23070102 Page: 37 of 42 Date of issue: 2023-07-28







Report No.: CHTEW23070102 Page: 38 of 42 Date of issue: 2023-07-28







Report No.: CHTEW23070102 Page: 39 of 42 Date of issue: 2023-07-28

7.2. Internal Photos



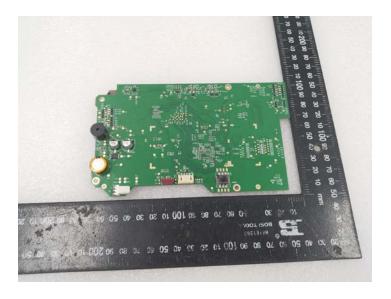




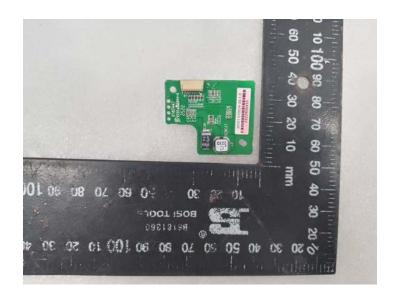
Report No.: CHTEW23070102 Page: 40 of 42 Date of issue: 2023-07-28

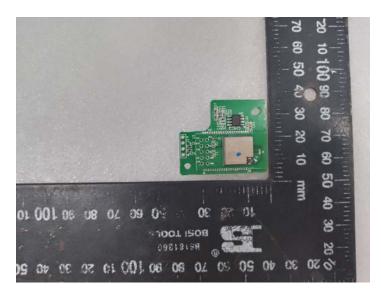


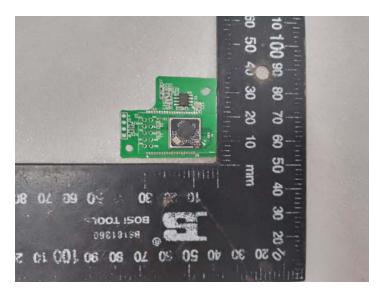




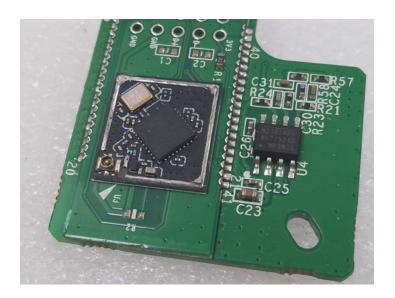
Report No.: CHTEW23070102 Page: 41 of 42 Date of issue: 2023-07-28







Report No.: CHTEW23070102 Page: 42 of 42 Date of issue: 2023-07-28



8. APPENDIX REPORT