

Shenzhen CTL Testing Technology Co., Ltd. Tel: +86-755-89486194 E-mail: ctl@ctl-lab.com

Т	EST REPOR FCC PART 15.247	T	
Report Reference No	CTL2410242082-WF02		
Compiled by: (position+printed name+signature)	Happy Guo (File administrators)	Happy Guo	
Tested by: (position+printed name+signature)	Wuqiang Wu (Test Engineer)	Whu q Derived works	
Approved by: (position+printed name+signature)	Ivan Xie (Manager)	Testing Technology	
Product Name:	Coke T13		
Model/Type reference:	Coke T13		
List Model(s)	N/A		
Trade Mark:	Coca Cola		
FCC ID	2A8SL-T13L		
Applicant's name:	Guangzhou Chenfeng Techr	ology Co., Ltd.	
Address of applicant:	E112, No.16, No.14-8, No. 8, Shigang Road, Haizhu District, Guangzhou, China		
Test Firm:	Shenzhen CTL Testing Technology Co., Ltd.		
Address of Test Firm:	Floor 1-A, Baisha Technology Park, No.3011, Shahexi Road, Nanshan District, Shenzhen, China 518055		
Test specification	FCC Part 15.247: Operation v 2400-2483.5 MHz and 5725-5		
TRF Originator:	Shenzhen CTL Testing Techno	blogy Co., Ltd.	
Master TRF:	-		
Date of receipt of test item :	Oct. 30, 2024	54	
Date of Test Date:	Oct. 30, 2024-Nov. 14, 2024		
Date of Issue:	Nov. 15, 2024		
Result:	Pass		
	Pass yy Co., Ltd. All rights reserved		

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TEST REPORT

Test Report No. :	CTL2410242082-WF02	Nov. 15, 2024
	C1L2410242062-WF02	Date of issue
Equipment under Test	: Coke T13	
Sample No	: CTL2410242082	
Model /Type	Coke T13	
Listed Models	: N/A	
Applicant	: Guangzhou Chenfeng Technolog	yy Co., Ltd.
Address	E112, No.16, No.14-8, No. 8, Shiga Guangzhou, China	ang Road, Haizhu District,
Manufacturer	: Chenfeng (Dongguan) Acoustic	Technology Co., Ltd.
Address	: Room 101, No. 27, Liuhua Road, D Dongguan City, Guangdong Provin	

Test result

Pass *

* In the configuration tested, the EUT complied with the standards specified page 5.

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the issuing testing laboratory.



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** Modified History **

Revisions	Description	Issued Data	Report No.	Remark
Version 1.0	Initial Test Report Release	2024-11-11	CTL2410242082-WF02	Tracy Qi
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1. SUMMARY

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 v05T13 : Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247

1.2. Test Description

FCC PART 15.247		
FCC Part 15.207	AC Power Conducted Emission	PASS
FCC Part 15.247(a)(2)	6dB Bandwidth	PASS
FCC Part 15.247(d)	Spurious RF Conducted Emission	PASS
FCC Part 15.247(b)	Maximum Conducted Output Power	PASS
FCC Part 15.247(e)	Power Spectral Density	PASS
FCC Part 15.109/ 15.205/ 15.209	Radiated Emissions	PASS
FCC Part 15.247(d)	Band Edge	PASS
FCC Part 15.203/15.247 (b)	Antenna Requirement	PASS
Note: N/A not applicable		•

Note: N/A= not applicable



1.3. Test Facility

1.3.1 Address of the test laboratory

Shenzhen CTL Testing Technology Co., Ltd.

Floor 1-A, Baisha Technology Park, No.3011, Shahexi Road, Nanshan District, Shenzhen, China 518055

There is one 3m semi-anechoic chamber and two line conducted labs for final test. The Test Sites meet the requirements in documents ANSI C63.10 and CISPR 32/EN 55032 requirements.

1.3.2 Laboratory accreditation

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L7497

Shenzhen CTL Testing Technology Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No. 4343.01

Shenzhen CTL Testing Technology Co., Ltd, EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

IC Registration No.: 9618B

CAB identifier: CN0041

The 3m alternate test site of Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements with Registration No.: 9618B.

FCC-Registration No.: 399832

Designation No.: CN1216

Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 399832.

1.4. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Shenzhen CTL Testing Technology Co., Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for CTL laboratory is reported:

Test	Measurement Uncertainty	Notes
Transmitter power Radiated	±2.20 dB	(1)
Occupied Bandwidth	±0.02ppm	(1)
Radiated Emission 30~1000MHz	±4.08dB	(1)
Radiated Emission Above 1GHz	±4.32dB	(1)
Conducted Disturbance0.15~30MHz	±2.96dB	(1)
20dB Emission Bandwidth	±1.9%	(1)

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Carrier Frequency Separation	±1.9%	(1)
Maximum Power Spectral Density Level	±0.98 dB	(1)
Number of Hopping Channel	±1.9%	(1)
Time of Occupancy	±0.11%	(1)
Max Peak Conducted Output Power	±0.98 dB	(1)
Band-edge Spurious Emission	±1.21dB	(1)
Conducted RF Spurious Emission	9kHz-7GHz:±1.09dB 7GHz-26.5GHz: ±3.27dB	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95%

(2) confidence level using a coverage factor of k=1.96.

2. GENERAL INFORMATION

2.1. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Normal Temperature:	25°C
Relative Humidity:	55 %
Air Pressure:	101 kPa

2.2. General Description of EUT

Product Name:	Coke T13
Model/Type reference:	Coke T13
Power supply:	DC 3.7V from battery or DC 5V from Charging case(Battery:28mAh)
Bluetooth LE	
Supported type:	Bluetooth Low Energy
Modulation:	GFSK
Operation frequency:	2402MHz~2480MHz
Channel number:	40
Channel separation:	2MHz
Antenna type:	Ceramic Antenna
Antenna gain:	2.78 dBi

Note1: For more details, please refer to the user's manual of the EUT. Note2: Antenna gain provided by the applicant.



2.3. Description of Test Modes and Test Frequency

The Applicant provides communication tools software to control the EUT for staying in continuous transmitting (Duty Cycle more than 98%) and receiving mode for testing.

There are 40 channels provided to the EUT and Channel 00/19/39 were selected for BLE test.

Operation Frequency List :

Channel	Frequency (MHz)
00	2402
02	2404
03	2406
E	E
19	2440
:	
37	2476
38	2478
39	2480

Note: The line display in grey were the channel selected for testing

2.4. Equipments Used during the Test

Manufacturer	Model No.		Serial No.	Calibration Date	Calibration Due Date
R&S	ESH2-Z5		860014/010	2024/04/30	2025/04/29
ROHDE & SCHWARZ	ESH3-Z2		100408	2024/04/30	2025/04/29
ROHDE & SCHWARZ	ESCI		1166.5950.03	2024/04/30	2025/04/29
Schwarzbeck	VULB 9168		824	2023/02/13	2026/02/12
R&S	ESC	CI	1166.5950.03	2024/04/30	2025/04/29
Agilent	N9020A		US46220290	2024/05/02	2025/05/01
Keysight	N9020A		MY53420874	2024/05/02	2025/05/01
Sunol Sciences Corp.	DRH-118		A062013	2021/12/23	2024/12/22
Da Ze	ZN30900A		/	2024/04/30	2025/04/29
Agilent	8449B		3008A02306	2024/04/30	2025/04/29
Brief&Smart	LNA-4018		2104197	2024/05/03	2025/05/02
Ji Yu	MC501		1	2024/05/04	2025/05/03
TSTPASS	TSPS2023R		TSCB220016	2024/05/03	2025/05/02
Agilent	U2021XA		MY53340004	2024/05/04	2025/05/03
Agilent	U2021XA		MY54080012	2024/05/03	2025/05/02
RS	FSP		1164.4391.38	2024/05/03	2025/05/02
101			· · · · · ·		10
e of Software		Version		Pr.	
ST-PASS		V2.0			
			V1.1.4.2		
C(Below 1GHz)			V1	1.1.4.2	
	R&S ROHDE & SCHWARZ ROHDE & SCHWARZ SC	R&SESH2ROHDE & SCHWARZESH3ROHDE & SCHWARZESGROHDE & SCHWARZESGSchwarzbeckVULB SR&SESGAgilentN902KeysightN902Sunol Sciences Corp.DRH-Da ZeZN309Agilent8449Brief&SmartLNA-4Ji YuMC5TSTPASSTSPS20AgilentU2027AgilentU2027AgilentSFSIof SoftwareSoftware	R&S ESH2-Z5 ROHDE & ESH3-Z2 ROHDE & ESCI SCHWARZ ESCI Schwarzbeck VULB 9168 R&S ESCI Agilent N9020A Keysight N9020A Keysight N9020A Sunol Sciences DRH-118 Corp. DRH-118 Da Ze ZN30900A Agilent 8449B Brief&Smart LNA-4018 Ji Yu MC501 TSTPASS TSPS2023R Agilent U2021XA Agilent U2021XA Agilent U2021XA	R&S ESH2-Z5 860014/010 ROHDE & SCHWARZ ESH3-Z2 100408 ROHDE & SCHWARZ ESCI 1166.5950.03 Schwarzbeck VULB 9168 824 R&S ESCI 1166.5950.03 Agilent N9020A US46220290 Keysight N9020A US46220290 Keysight N9020A MY53420874 Sunol Sciences Corp. DRH-118 A062013 Da Ze ZN30900A / Agilent 8449B 3008A02306 Brief&Smart LNA-4018 2104197 Ji Yu MC501 / Ji Yu MC501 / Agilent U2021XA MY5334004 Agilent U2021XA MY5408012 RS FSP 1164.4391.38	Manufacturer Model No. Serial No. Date R&S ESH2-Z5 860014/010 2024/04/30 ROHDE & SCHWARZ ESH3-Z2 100408 2024/04/30 ROHDE & SCHWARZ ESCI 1166.5950.03 2024/04/30 SCHWARZ ESCI 1166.5950.03 2024/04/30 Schwarzbeck VULB 9168 824 2023/02/13 R&S ESCI 1166.5950.03 2024/04/30 Agilent N9020A US46220290 2024/05/02 Sunol Sciences Corp. DRH-118 A062013 2021/12/23 Da Ze ZN30900A / 2024/05/03 Brief&Smart LNA-4018 2104197 2024/05/03 Ji Yu MC501 / 2024/05/04 TSTPASS TSPS2023R TSCB220016 2024/05/03 Agilent U2021XA MY53480012 2024/05/04 Agilent U2021XA MY54080012 2024/05/03 RS FSP 1164.4391.38 2024/05/03

2.5. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended to comply with Section 15.247 of the FCC Part 15, Subpart C Rules.

2.6. Modifications

No modifications were implemented to meet testing criteria.

3. TEST CONDITIONS AND RESULTS

3.1. Conducted Emissions Test

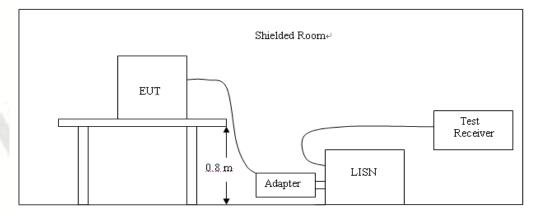
<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.207

Frequency range (MHz)	Limit (dBuV)				
	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



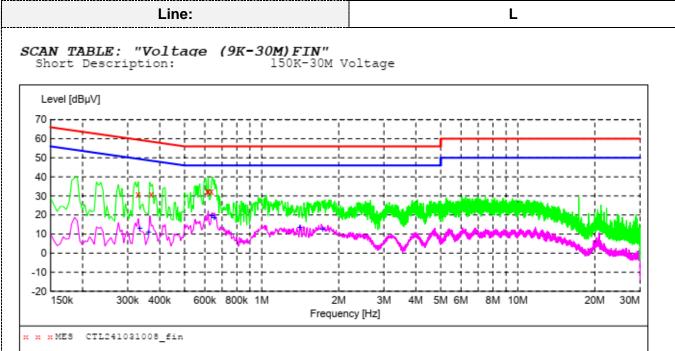
TEST PROCEDURE

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a Smart Watchop system; a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10:2013.
- 2. Support equipment, if needed, was placed as per ANSI C63.10:2013.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10:2013.
- 4. The adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5. All support equipments received AC power from a second LISN, if any.
- 6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.

TEST RESULTS

Remark:

1. All low, middle and high channel were tested; only the worst result of low channel was reported as below:

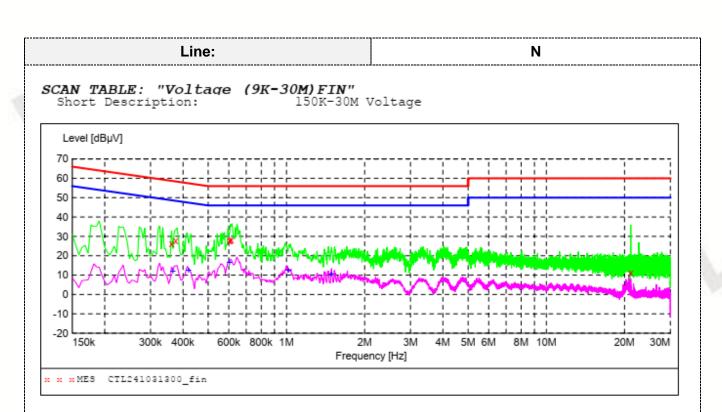


MEASUREMENT RESULT: "CTL241031008_fin"

10/31/2024	9:32AM						
Frequency MH:	-	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.33000 0.37050 0.61350 0.61800 0.63600	0 30.70 0 32.30 0 32.40	10.0 10.0 10.0 10.0 10.0	60 59 56 56	23.7 23.6	QP QP QP	Ll Ll Ll Ll	GND GND GND GND GND

MEASUREMENT RESULT: "CTL241031008_fin2"

10/31/2024 9:	32AM						
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.334500 0.361500 0.640500 0.654000 1.410000 1.734000	13.00 10.90 19.70 18.80 13.50 12.80	10.0 10.0 10.0 10.0 10.1 10.1	49 49 46 46 46 46	36.3 37.8 26.3 27.2 32.5 33.2	AV AV AV AV	L1 L1 L1 L1 L1 L1	GND GND GND GND GND GND



MEASUREMENT RESULT: "CTL241031300_fin"

10/31/2024 9:35AM

-,,							
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.361500 0.375000 0.604500 0.609000 0.613500 21.102000	26.20 27.50 27.50 27.60 28.40 10.90	10.0 10.0 10.0 10.0 10.0 11.0	59 58 56 56 56	32.5 30.9 28.5 28.4 27.6 49.1	QP QP QP QP	N N N N N	GND GND GND GND GND GND

MEASUREMENT RESULT: "CTL241031300_fin2"

10/31/2024 Frequer	ncy Le	M evel Trans dBµV d		Margin dB	Detector	Line	PE
0.3660 0.4200 0.6045 1.0185 1.4910	000 12 500 10 500 12	2.10 10. 2.40 10. 6.70 10. 2.50 10. 0.50 10.	0 47 0 46 1 46	29.3 33.5	AV AV AV	N N N N	GND GND GND GND GND

V1.0

3.2. Radiated Emissions and Band Edge

Limit

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emission out of authorized band shall not exceed the following table at a 3 meters measurement distance.

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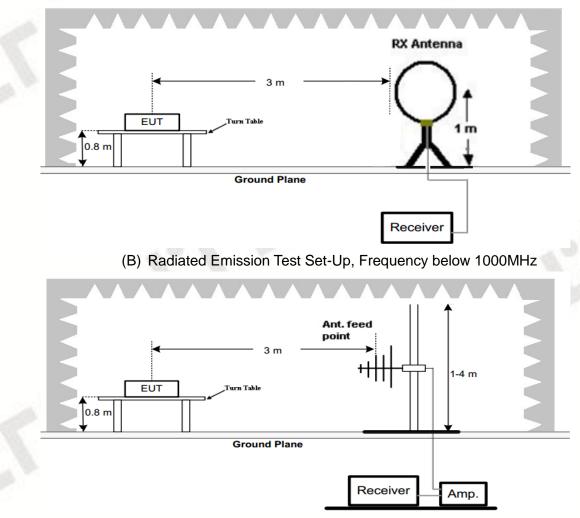
In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a)

Distance (Meters)	Radiated (dBµV/m)	Radiated (µV/m)
3	20log(2400/F(KHz))+40log(300/3)	2400/F(KHz)
3	20log(24000/F(KHz))+ 40log(30/3)	24000/F(KHz)
3	3 20log(30)+ 40log(30/3)	
3	40.0	100
3	43.5	150
3	46.0	200
3	54.0	500
	3 3 3 3 3 3 3 3	3 20log(2400/F(KHz))+40log(300/3) 3 20log(24000/F(KHz))+40log(30/3) 3 20log(30)+40log(30/3) 3 20log(30)+40log(30/3) 3 40.0 3 43.5 3 46.0

Radiated emission limits

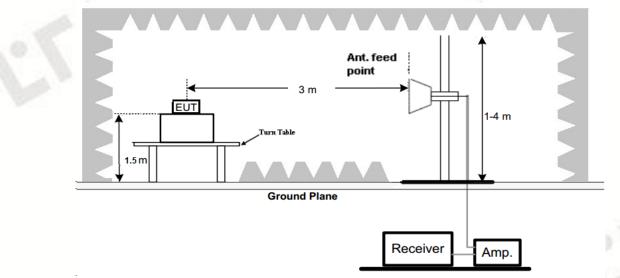
TEST CONFIGURATION

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz





(C) Radiated Emission Test Set-Up, Frequency above 1000MHz



Test Procedure

- 1. Below 1GHz measurement the EUT is placed on a turntable which is 0.8m above ground plane, and above 1GHz measurement EUT was placed on a low permittivity and low loss tangent turn table which is 1.5m above ground plane.
- 2. Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0°C to 360°C to acquire the highest emissions from EUT
- 3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 4. Repeat above procedures until all frequency measurements have been completed.
- 5. The EUT was pretested with 3 orientations placed on the table for the radiated emission
- 6. measurement –X, Y, and Z-plane. The X-plane results were found as the worst case and were
- 7. shown in this report

TEST RESULTS

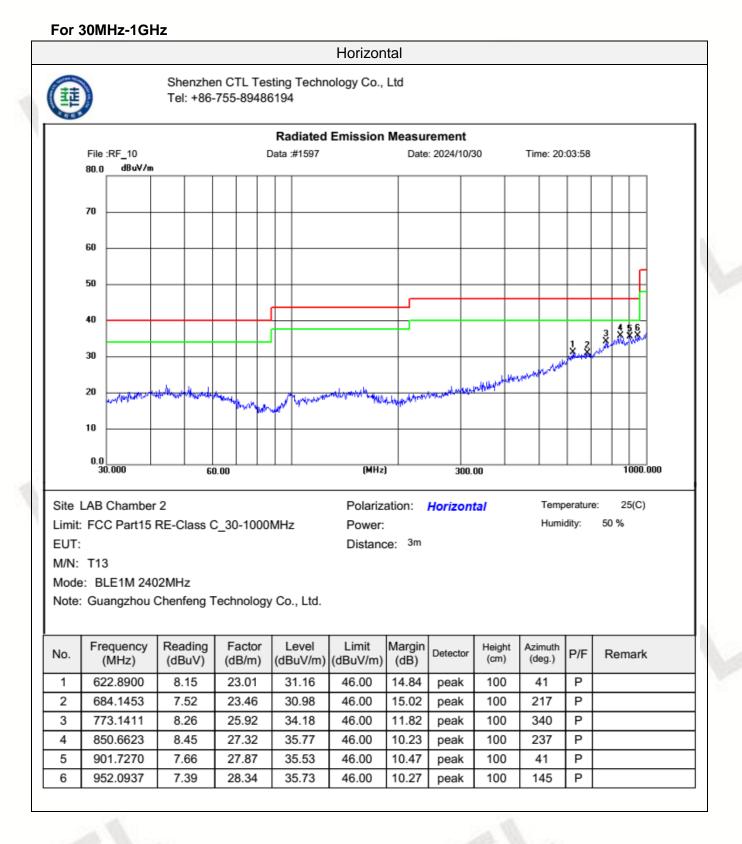
Remark:

- 1. We have tested all mode low channel, middle channel, high channel, only recorded worst at low channel.
- 2. Radiated emission test from 9 KHz to 10th harmonic of fundamental was verified, Found the emission level are attenuated 20dB below the limits from 9 kHz to 30MHz, so it does not recorded in report.



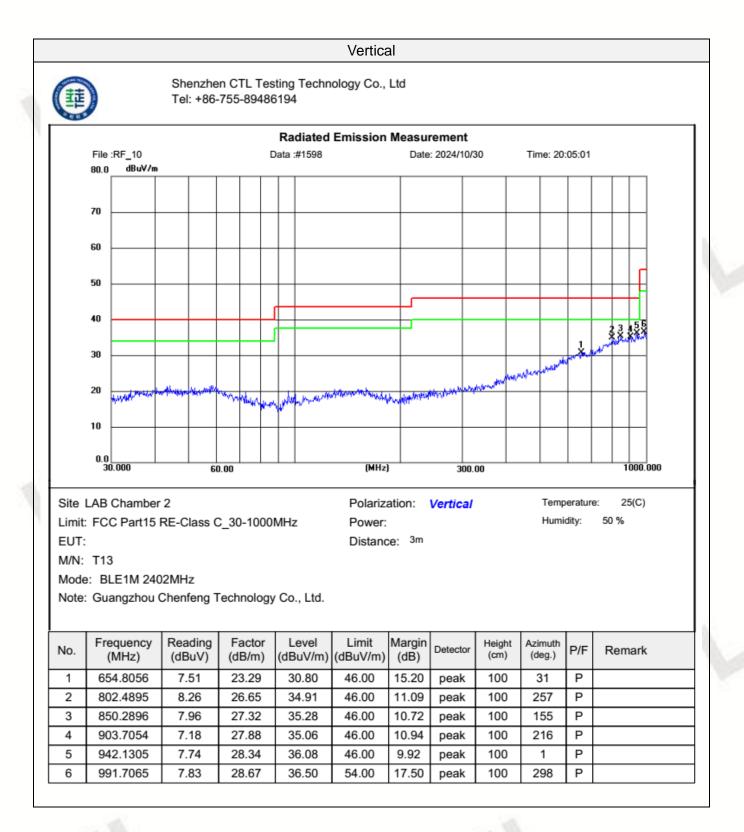
V1.0

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V1.0

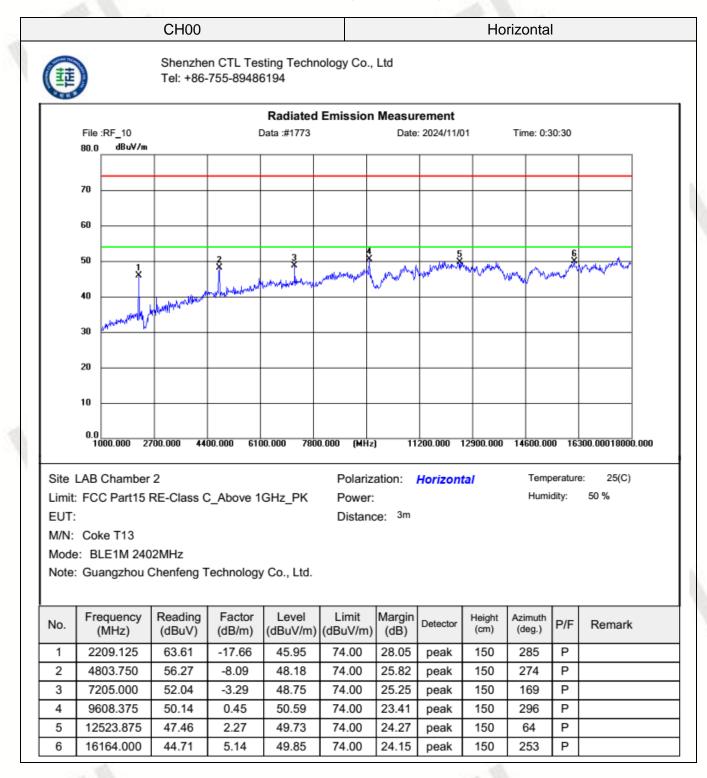
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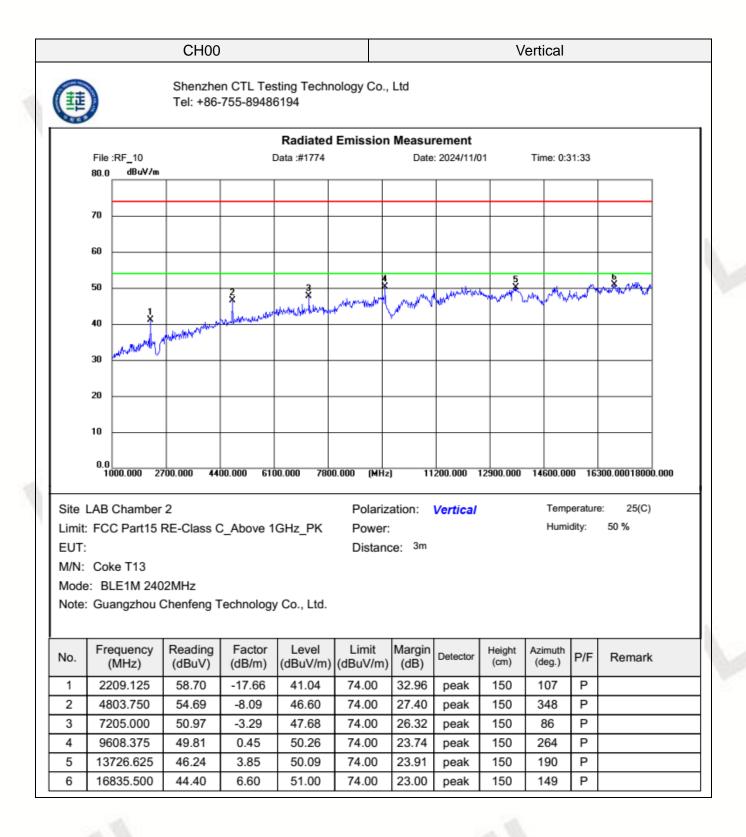
For 1GHz to 18GHz

BLE Mode (above 1GHz)



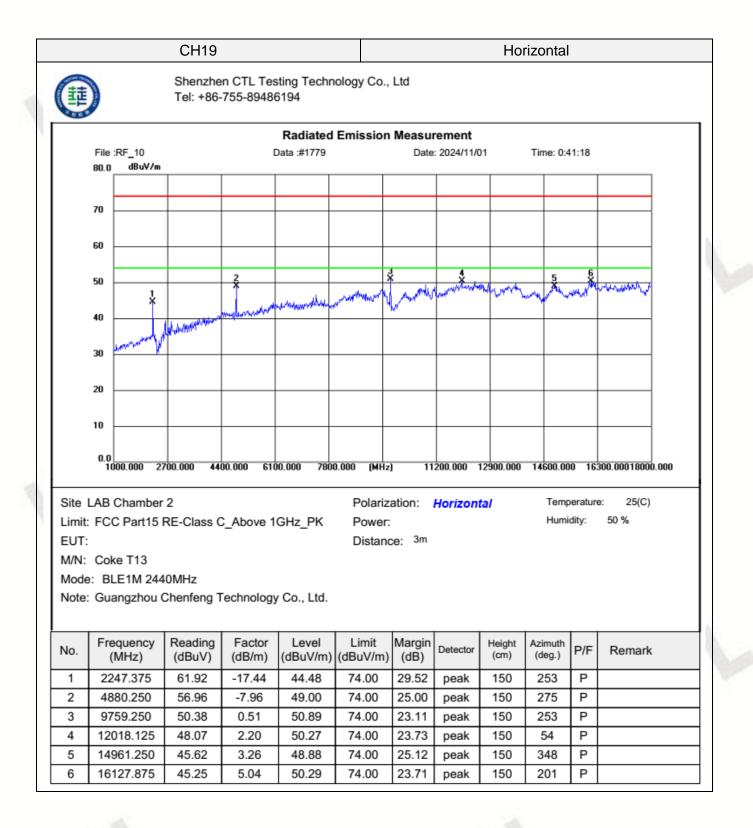
V1.0

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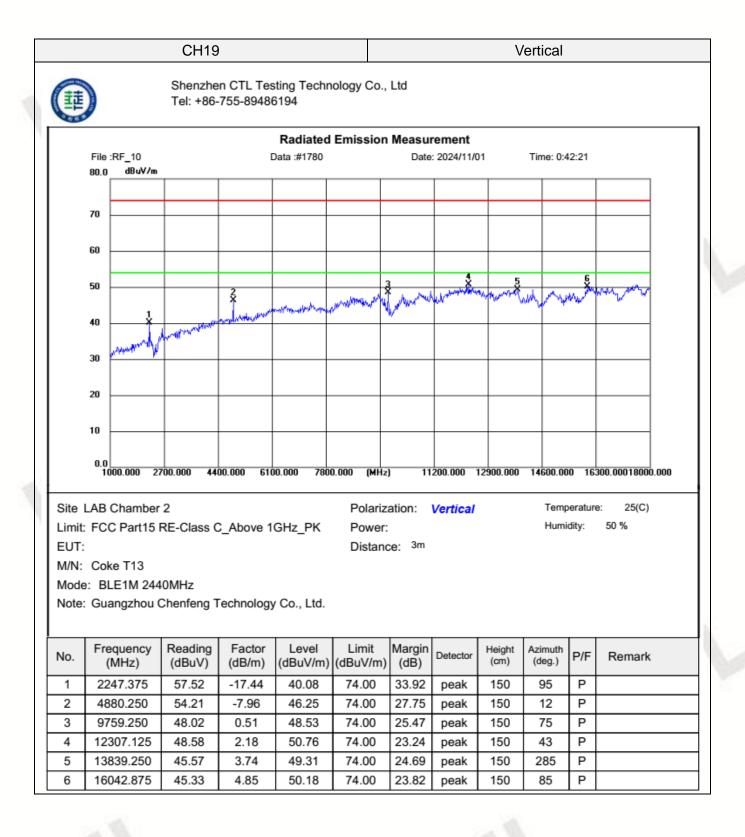
V1.0

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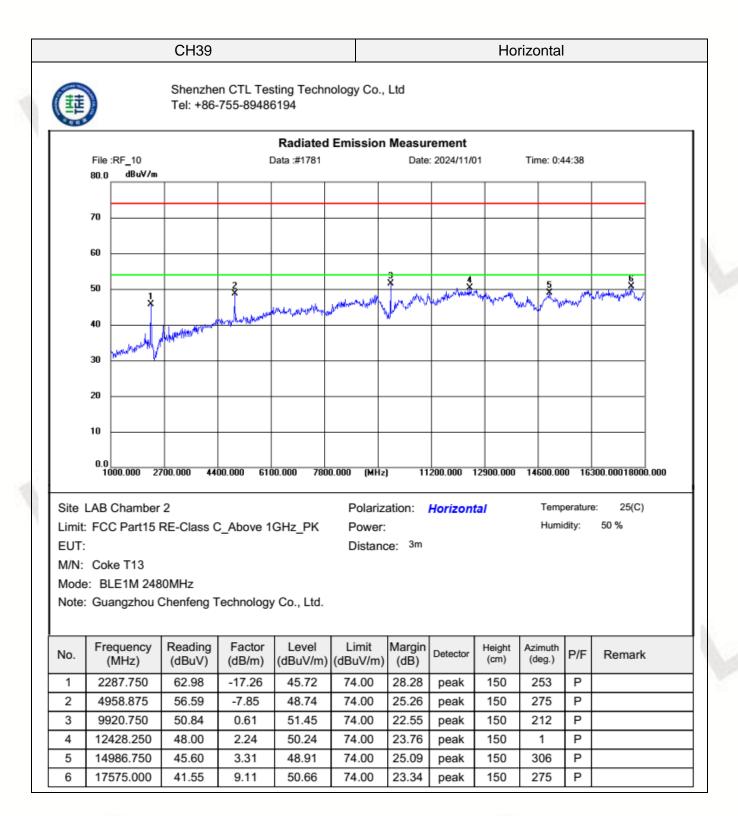


V1.0

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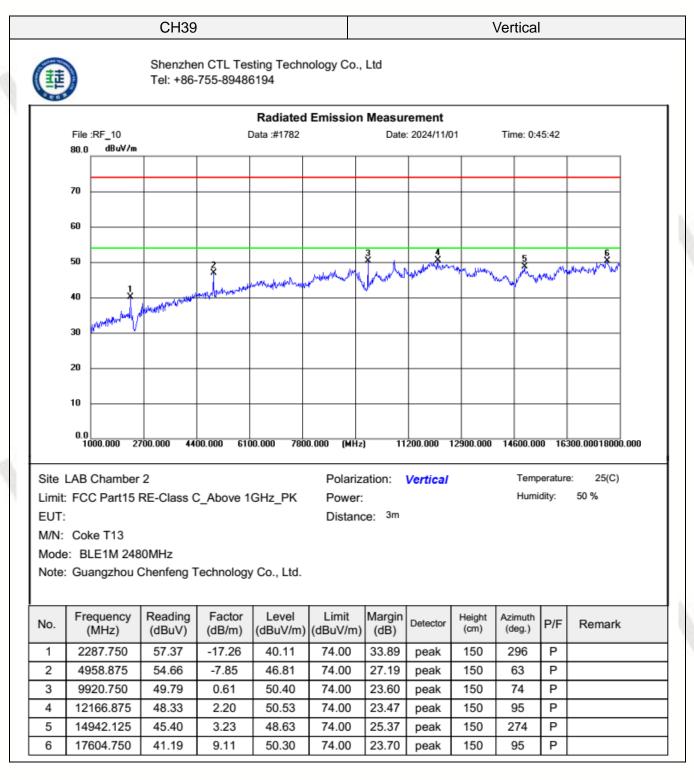


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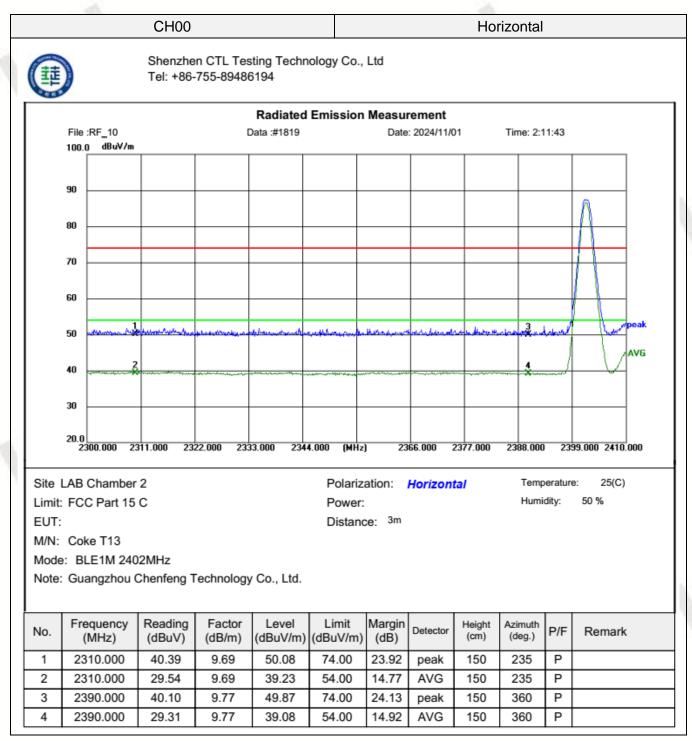
Report No.: CTL2410242082-WF02



REMARKS:

- 1. Emission level (dBuV/m) =Raw Value (dBuV)+Correction Factor (dB/m)
- 2. Correction Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
- 3. Margin value = Limit value- Emission level.
- 4. RBW1MHz VBW3MHz Peak detector is for PK value; RBW 1MHz VBW10Hz Peak detector is for AV value.
- 5. Other emissions are attenuated 20dB below the limits from 9kHz to 30MHz, so it does not recorded in report.
- 6. 18GHz-26GHz not recorded for no spurious point have a margin of less than 6 dB with respect to the limits.

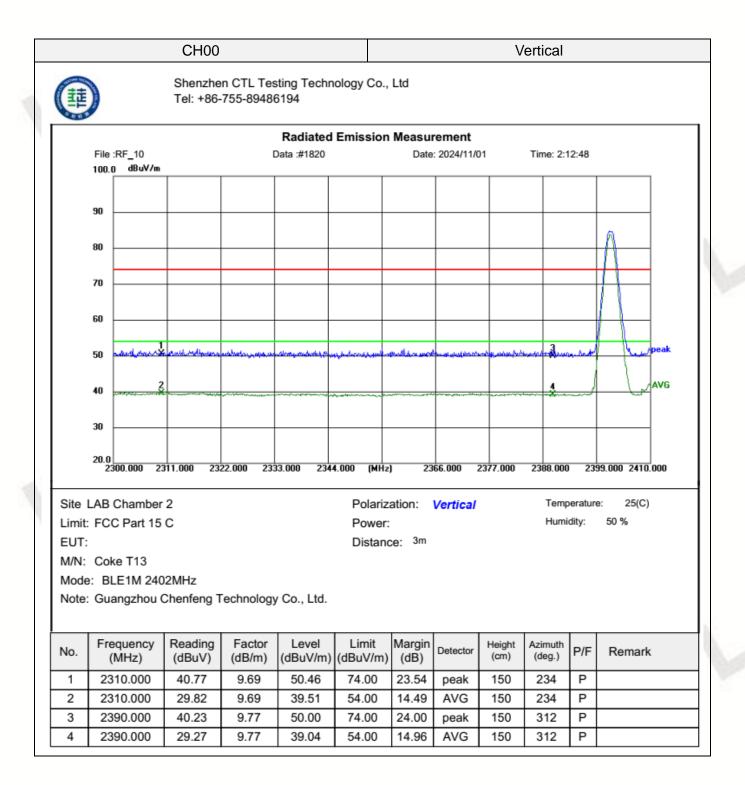
Results of Band Edges Test (Radiated)





V1.0

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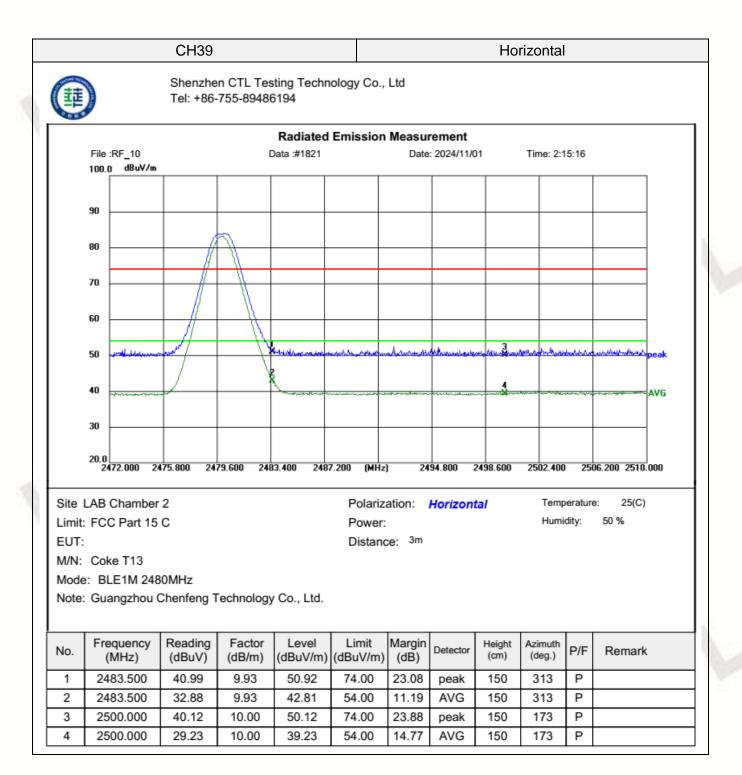






V1.0

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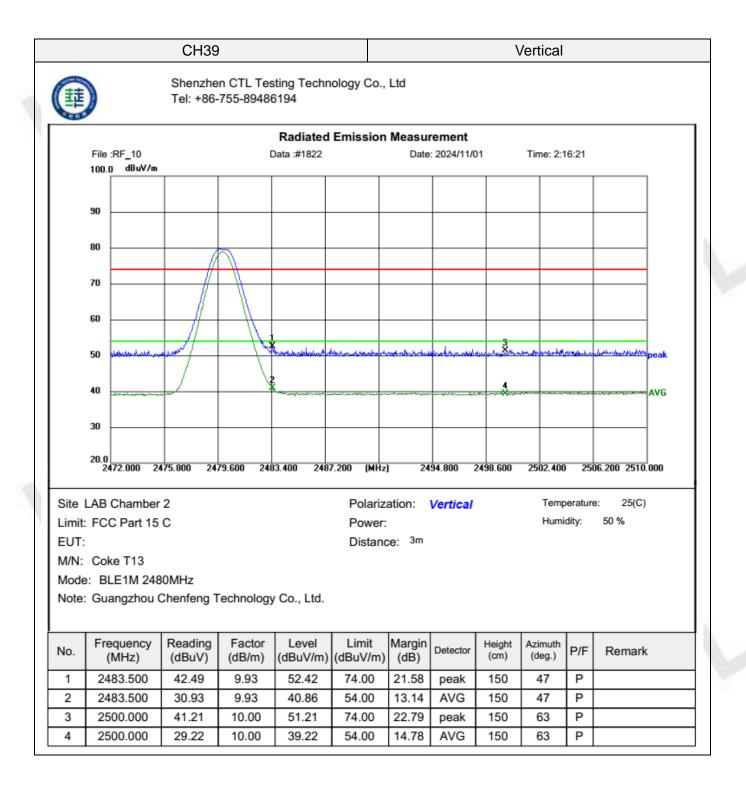






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Report No.: CTL2410242082-WF02



REMARKS:

- 1. Emission level (dBuV/m) =Raw Value (dBuV)+Correction Factor (dB/m)
- Correction Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
 Margin value = Limit value- Emission level.
- RBW1MHz VBW3MHz Peak detector is for PK value; RBW 1MHz VBW10Hz Peak detector is for AV value.
- 5. For fundamental frequency, RBW 3MHz VBW 3MHz Peak detector is for PK Value; RMS detector is for AV value.
- 6. Other emissions are attenuated 20dB below the limits from 9kHz to 30MHz, so it does not recorded in report.

3.3. Maximum Conducted Output Power

<u>Limit</u>

The Maximum Peak Output Power Measurement is 30dBm.

Test Procedure

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum.

- a) Set the RBW≥DTS bandwidth.
- b) Set VBW≥[3×RBW].
- c) Set span≥[3×RBW].
- d) Sweep time = auto couple.
- e) Detector=peak.
- f) Trace mode=max hold.
- g) Allow trace to fully stabilize.
- h) Use peak marker function to determine the peak amplitude level.

Test Configuration



Test Results

Raw data reference to Appendix Test Data for Bluetooth LE Section 2.





3.4. Power Spectral Density

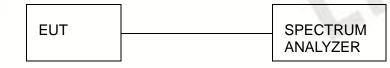
<u>Limit</u>

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

Test Procedure

- 1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
- 2. Set the RBW \geq 3 kHz.
- 3. Set the VBW \geq 3× RBW.
- 4. Set the span to 1.5 times the DTS channel bandwidth.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum power level.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
- 11. The resulting peak PSD level must be 8dBm.

Test Configuration



Test Results

Raw data reference to Appendix Test Data for Bluetooth LE Section 3.



3.5. 6dB Bandwidth

<u>Limit</u>

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz

Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100 KHz RBW and 300 KHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

Test Configuration



Test Results

Raw data reference to Appendix Test Data for Bluetooth LE Section 1.







3.6. Out-of-band Emissions

<u>Limit</u>

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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 con-ducted or a radiated measurement, pro-vided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter com-plies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

Test Procedure

Connect the transmitter output to spectrum analyzer using a low loss RF cable, and set the spectrum analyzer to RBW=100 kHz, VBW= 300 kHz, peak detector, and max hold. Measurements utilizing these setting are made of the in-band reference level, bandedge and out-of-band emissions.

Test Configuration



Test Results

Raw data reference to Appendix Test Data for Bluetooth LE Section 4.

3.7. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203:

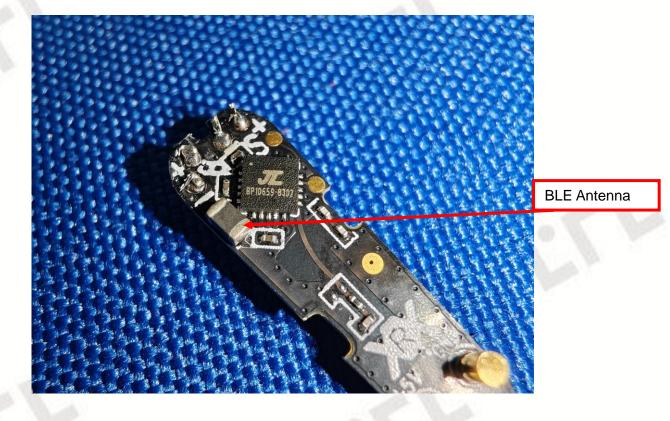
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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 6dBi 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 6dBi.

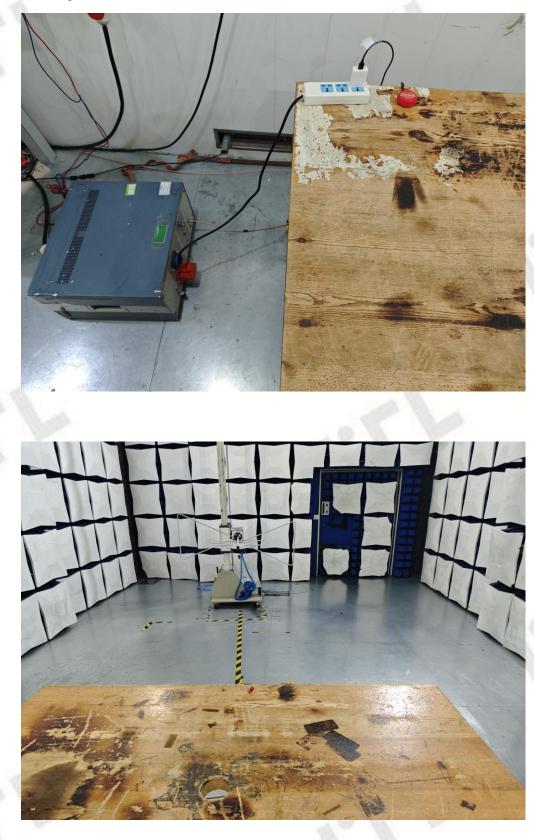
Test Result:

The maximum gain of antenna was 2.78dBi





4. Test Setup Photos of the EUT

















5. External and Internal Photos of the EUT

Reference to the test report No. CTL2410242082-WF01

********************************* End of Report *********************************

