#### REPORT TEST

Date:

2024-11-13

Applicant Address of Applicant	:	MicroTech Medical (Hangzhou) Co.,Ltd. No. 108 Liuze St., Cangqian, Yuhang District, Hangzhou, 311121 Zhejiang P.R.China.
Product Name Brand Name Model Name Sample Acquisition Method	:	Blood Glucose Meter GoChek2 Connect 1018U+ Sent by Client
Sample No.	:	H24110002-01#01 H24110002-01#02
FCC ID	:	2ATOV-1018U
Standards	:	FCC CFR47 Part 15.247, Subpart C
Date of Receipt	:	2024-11-11

**Date of Test** 2024-11-11~ 2024-11-12 3 2024-11-13 Date of Issue 2

#### Remark:

Report No.:

SHH24110002-01CE

This report details the results of the testing carried out on one sample, the results contained in this report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

Prepared by: (Erik Yang)
Reviewed by: Jemifer zholl
(Jennifer Zhou)
Approved by: Cuthorized signatory: Echo Mu

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(Authorized signatory: Echo Mu)

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### **1** General Information

## 1.1 Testing Laboratory

Company Name	ICAS Testing Technology Service (Shanghai) Co., Ltd.		
Address	No.1298 Pingan Road, Minhang District, Shanghai, China		
Telephone	0086 21-51682999		
Fax	0086 21-54711112		
Homepage	www.icasiso.com		

### 1.2 Details of Application

Applicant Company Name	MicroTech Medical (Hangzhou) Co.,Ltd.			
Address	No. 108 Liuze St., Cangqian, Yuhang District, Hangzhou, 311121 Zhejiang P.R.China.			
Contact Person	Xiaojing Zhao			
Telephone	+86 18989848417			
Email	xiaojing.zhao@microtechmd.com			
Manufacturer Company Name	MicroTech Medical (Hangzhou) Co.,Ltd.			
Address	No. 108 Liuze St., Cangqian, Yuhang District, Hangzhou, 311121 Zhejiang P.R.China.			
Factory Company Name	MicroTech Medical (Hangzhou) Co.,Ltd.			
Address	No. 108 Liuze St., Cangqian, Yuhang District, Hangzhou, 311121 Zhejiang P.R.China.			

### 1.3 Details of EUT

Product Name	Blood Glucose Meter
Brand Name	GoChek2 Connect
Test Model Name	1018U+
FCC ID	2ATOV-1018U
Mode of Operation	Bluetooth LE
Frequency Range	2402MHz ~ 2480MHz
Number of Channels	40(at intervals of 2 MHz)
Modulation Type	Bluetooth LE GFSK 1Mbps GFSK 2Mbps
RF Output Power	0.71dBm
Antenna Type	PCB Antenna
Antenna Gain	0.01dBi
Extreme Temperature Range	+5°C ~ +45°C
Test Voltage	DC 3V by Battery
Hardware Version	DX-BT05
Software Version	V5.2.0

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**RF power setting in TEST SW** SmartRF Studio7 Version 2.18.0\_Power level setting\_0dBm

Date:

Note:

1. The above information was declared by the manufacture.

2. For more details, please refer to the User's manual of the EUT.

#### **Channel List**

Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2.402GHz	14	2.430GHz	28	2.458GHz
1	2.404GHz	15	2.432GHz	29	2.460GHz
2	2.406GHz	16	2.434GHz	30	2.462GHz
3	2.408GHz	17	2.436GHz	31	2.464GHz
4	2.410GHz	18	2.438GHz	32	2.466GHz
5	2.412GHz	19	2.440GHz	33	2.468GHz
6	2.414GHz	20	2.442GHz	34	2.470GHz
7	2.416GHz	21	2.444GHz	35	2.472GHz
8	2.418GHz	22	2.446GHz	36	2.474GHz
9	2.420GHz	23	2.448GHz	37	2.476GHz
10	2.422GHz	24	2.450GHz	38	2.478GHz
11	2.424GHz	25	2.452GHz	39	2.480GHz
12	2.426GHz	26	2.454GHz		
13	2.428GHz	27	2.456GHz		

### 1.4 Test Methodology

47 CFR Part 15, Subpart C	Telecommunication-Radio Frequency Devices-Intentional Radiators
KDB Publication 558074 D01 v05r02	15.247 Meas Guidance.
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

#### Note(s):

All test items were verified and recorded according to the standards and without any addition/deviation/exclusion during the test.

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#### 1.5 Test Summary

Test Item	FCC Rules	Result
Antenna Requirement	FCC Part 15.247(b)(4), Part 15.203	PASS
Maximum peak conducted output power	FCC Part 15.247(b)(3)	PASS
6dB Bandwidth	FCC Part 15.247(a)(2)	PASS
Maximum conducted output power spectral density	FCC Part 15.247(e)	PASS
Conducted Spurious Emission & Authorized-band band-edge	FCC Part 15.247(d)	PASS
Radiated Emission	FCC Part 15.247(d), 15.205, 15.209	PASS
Band Edge (Restricted-band band-edge)	FCC Part 15.247(d), 15.205, 15.209	PASS
Conducted Emission on AC Mains	FCC Part 15.207(a)	N/A note

Note(s): The EUT is DC 3.0V by Battery(CR2032 3V).

Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

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## 2 Test Condition

### 2.1 Environmental conditions

Temperature (°C)	15-35
Humidity (%RH)	30-60
Barometric Pressure (mbar)	860-1060

## 2.2 Equipment List

Name of Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	Keysight	N9020B	MY59260184	2024-06-26	2025-06-25
Spectrum Analyzer	Rohde & Schwarz	FSV40N	101450	2024-06-04	2025-06-03
Signal Generator	Rohde & Schwarz	SMR27	100184	2024-06-26	2025-06-25
EMI Test Receiver	Rohde & Schwarz	ESR 7	101911	2024-06-04	2025-06-03
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2023-03-22	2025-03-21
Horn Antenna-18G	SCHWARZBECK	BBHA9120D	9120D-1775	2023-06-13	2025-06-12
Loop Antenna	SCHWARZBECK	FMZB 1513	/	2023-06-09	2025-06-08
HF Antenna-40G	YINGLIAN	LB-180400-KF	N/A	2023-06-18	2025-06-17
40G Amplifier	/	ZLNA-18-40G-021	/	2024-06-04	2025-06-03
Broadband Preamplifier	SCHWARZBECK	BBV 9718	346	2024-06-04	2025-06-03
EMC chamber 9*6*6(L*W*H)	CHANGNING	966	N/A	2023-06-09	2025-06-08
Shielded Enclosure 8*5*4(L*W*H)	CHANGNING	854	N/A	2023-06-09	2025-06-08
Test Software	BL	BL410_E	Version:2.1.1.436	N/A	N/A
Test Software	BL	BL410_R	Version:2.1.1.409	N/A	N/A

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### 2.3 Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in measurement" (GUM) published by CISPR and ANSI. The reported uncertainty of measurement y  $\pm$ U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95.45%.

Parameter	Uncertainty	
Antenna Port Conducted Er	± 1.04dB	
Radiated Emission	< 1GHz	± 5.00dB
Radiated Emission	> 1GHz	± 5.46dB
Occupied Channel I	±39.26KHz	
Maximum Conducted (	±1.06dB	
Maximum Conducted Output Pe	±1.12dB	

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## **3** Test Set-up and Operation Modes

### 3.1 Details of Test Mode

Using test software (SmartRF Studio 7 Version 2.18.0) was control EUT work in continuous transmitter and receiver mode. Select test channel as below:

Channel	Frequency
The lowest channel(CH00)	2402MHz
The middle channel(CH19)	2440MHz
The Highest channel(CH39)	2480MHz

The basic operation modes are:

- A. On
  - 1. BLE mode
    - a. Transmitting
      - i. Low Channel
      - ii. Middle Channel
      - iii. High Channel
    - b. Receiving
  - 2. Normal working with Bluetooth on
- B. Standby
- C. Off

### 3.2 Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model Name	Serial No.
Laptop 1	HP	HP ZHAN 66 Pro G1	5CD7438R1J
Laptop 2	Laptop 2 Lenovo		PF-0PRDGN
USB Cable	N/A	N/A	1.00m Unshielded

### 3.3 Support Software

Description	Manufacturer	Software Name
Software	Texas Instruments	SmartRF Studio 7 Version 2.18.0

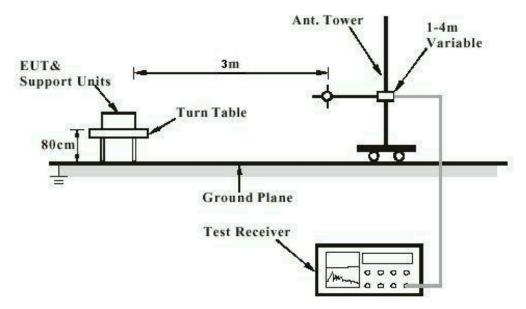
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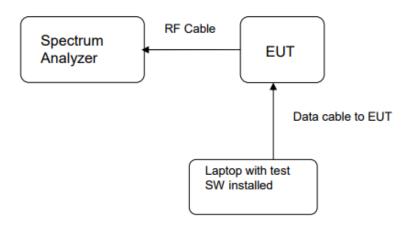
### 3.4 Test Setup Diagram

**Diagram of Measurement Configuration for Radiation Test** 



Note: Measurements above 1GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

### Diagram of Measurement Equipment Configuration for Transmitter Test



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PASS

## 4 Test Results

### 4.1 Transmitter Requirement & Test Suites

### 4.1.1 Antenna Requirement

**RESULT:** 

Test standard Requirement : FCC Part 15.247(b)(4), Part 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 shall be considered sufficient to comply with the provisions of this section. 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. In addition, If transmitting antennas of directional gain greater than 6dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

According to the manufacturer declaration, an antenna with a directional gain of 0.01dBi. The antenna is PCB antenna with no possibility of replacement with a non-approved antenna by the end-user.

Therefore, the EUT is considered to comply with this provision.

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4.1.2 Maxim	num peak conducted o	utput pov	ver							
RESULT:				PASS						
Test standard		: FCC	Part 15.247(b)(3)							
Requirement		: ANS	I C63.10-2013 clause 11.9.1.	1,						
		KDB	558074 D01 v05r02, Clause	8.3.1						
Kind of test site		: Shie	lded room							
Test setup										
Test Channel		: Low	/Middle/High							
Operation Mode		: A.1.a	a							
Ambient temper	ature	: 24.8	°C							

: 37%

### Table 1: Maximum peak conducted output power

Test Mode	Test Channel	Maximum peak cond	Limit	
Test Mode	(MHz)	(dBm)	(mW)	(W)
	2402	0.71	1.18	
BLE	2440	-0.22	0.95	< 1
	2480	-0.93	0.81	

### Figure 1: Peak Output Power, 2402MHz

Relative humidity

Spectrum Analy Swept SA	/zer 1	-					\$	Frequency	<ul> <li>▼ <sup>**</sup></li> </ul>
	Input: RF Coupling: AC Align: Auto	Input Ζ: 50 Ω Corrections: Off Freq Ref: Internal	#Atten: 30 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Avg Hold:>100/100 Trig: Free Run	1 2 3 4 5 6 M WW WW W P N N N N N	2.4020	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 d	₹ B		Ref LvI Offset 0. Ref Level 20.00		Mkr1 2.40	2 250 GHz 0.71 dBm		00000 MHz vept Span	
Log							Ze	ro Span Full Span	
0.00				<b>↓</b> 1			Start Fr		
-10.0							L Stop Fr		
-30.0									
-40.0							CF Ste 500.00		
-50.0							Au Ma	an	
-70.0							Freq O 0 Hz		
Center 2.4020 #Res BW 1.5 M			#Video BW 5.0	MHz		pan 5.000 MHz 0 ms (601 pts)	X Axis : Lo Lir	g	
<b>1</b>		Nov 11, 2024 2:27:02 PM					Signal <sup>-</sup> (Span Z	Frack pom)	

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#### Figure 2: Peak Output Power, 2440MHz



### Figure 3: Peak Output Power, 2480MHz

Spectrum Anal Swept SA	/zer 1	+					*	Frequency	- 7 器
KEYSIGHT	Input: RF Coupling: AC Align: Off	Input Ζ: 50 Ω Corrections: Off Freq Ref: Internal	#Atten: 30 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Avg Hold:>100/100 Trig: Free Run	123456 MWWWWW PNNNNN		requency 0000 GHz	Settings
1 Spectrum	v		Ref LvI Offset 0.5		Mkr1 2.479			000 MHz	
Scale/Div 10 c	B		Ref Level 20.00 d	IBm	-	0.93 dBm		pt Span Span	
10.0							Fu	ill Span	
0.00							Start Fre	q 0000 GHz	
-10.0							Stop Free	q	
-30.0								0000 GHz	
-40.0							CF Step	OTONE	
-50.0							500.000		
-60.0							Man		
-70.0							Freq Offs 0 Hz	set	
Center 2.4800 #Res BW 1.5 M			#Video BW 5.0 I	MHz		an 5.000 MHz ms (601 pts)	X Axis So Log Lin	cale	
<b>1</b> 5		<b>?</b> Nov 11, 2024 2:53:24 PM					Signal Tr (Span Zoo		

	TE	ST	•	REPORT	
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4.1.3 6dB Ba	Indwidth				
RESULT:					PASS
Test standard		:	FCC	Part 15.247(a)(2)	
Requirement		:		I C63.10-2013 clause 11.8.1,	
Kind of test site		:		558074 D01 v05r02, Clause 8.2 ded room	
		•	Oniei		
Test setup					
Test Channel		:	Low/	Middle/High	
Operation Mode		:	A.1.a	a	
Ambient tempera	ture	:	24.8	°C	
Relative humidity	,	:	37%		

#### Table 2: 6dB Bandwidth

Test Mode	Test Channel (MHz)	6dB Bandwidth (MHz)	Limit
	2402	0.6793	
BLE	2440	0.6785	≥0.5 MHz
	2480	0.6658	

### Figure 4: 6dB Bandwidth, 2402MHz



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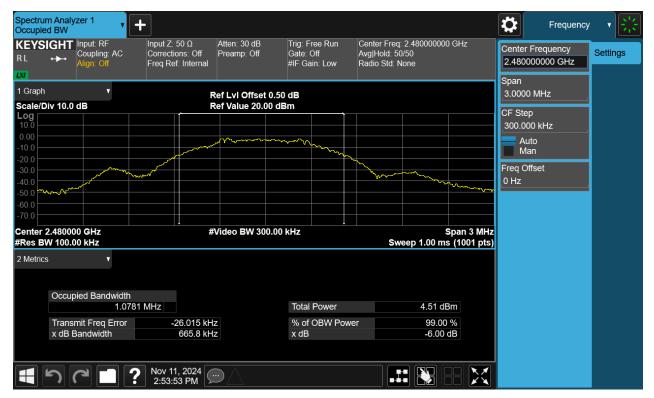
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#### Figure 5: 6dB Bandwidth, 2440MHz



#### Figure 6: 6dB Bandwidth, 2480MHz

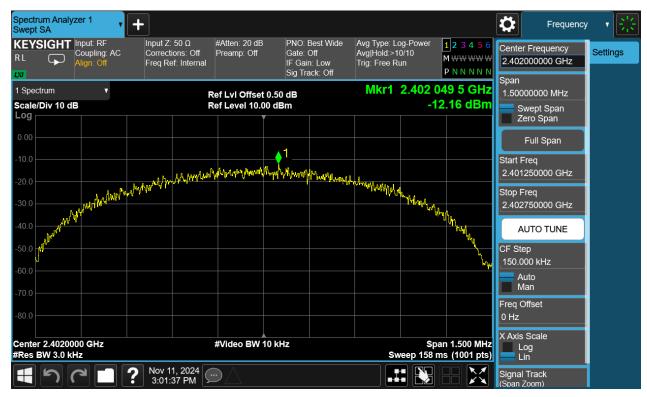


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4.1.4 Maximu	Im conducted output	powe	er spo	ectral density						
RESULT:					PASS					
Test standard		:	FCC	Part 15.247(e)						
Requirement		:	ANSI	C63.10-2013 clause 11.10.2,						
			KDB	558074 D01 v05r02, Clause 8.4						
Kind of test site		:	Shiel	ded room						
Test setup										
Test Channel		:	Low/I	Viddle/High						
Operation Mode		:	A.1.a							
Ambient temperat	ture	:	24.8°	С						
Relative humidity		:	37%							

#### Table 3: Maximum conducted output power spectral density

Test Mode	Test Channel (MHz)	Measured Result (dBm/3kHz)	Limit (dBm/3kHz)
	2402	-12.16	
BLE	2440	-13.91	8
	2480	-14.06	

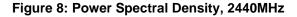
#### Figure 7: Power Spectral Density, 2402MHz



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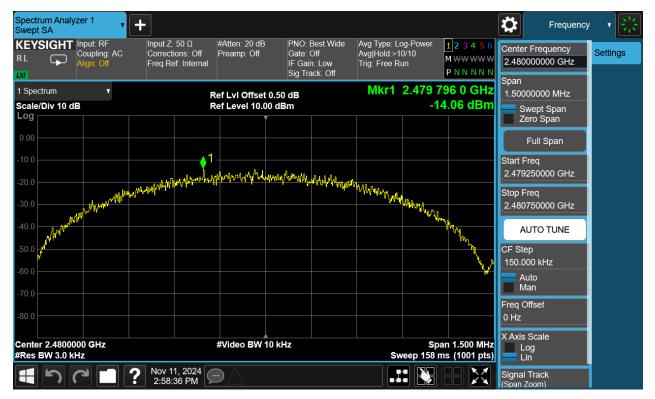
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#### Figure 9: Power Spectral Density, 2480MHz



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4.1.5 Conduc	cted Spurious Emission	n & Authorized-b	and band-edge							
RESULT:			PASS							
Test standard		: FCC Part 15.24	-7(d)							
Requirement			013, Clause 11.11.1(a)							
			01 v05r02, Clause 8.5							
Kind of test site		: Shielded room								
Test setup										
Test Channel		: Low/Middle/Hig	h for spurious, Low/High for Band							
		Edge								
Operation Mode		: A.1.a								
Ambient temperat	ture	: 24.8C								
Relative humidity		: 37%								

For details refer to following test plot.

# Figure 10: Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, BLE Carrier Level

Swept			•	+							Frequency	- * 影
REYS RL	SIGHT	Input: F Couplin Align: C	ig: AC	Input Z: 50 Ω Corrections: Off Freq Ref: Internal	#Atten: 30 dB Preamp: Off	PNO: Best V Gate: Off IF Gain: Low Sig Track: O	Avg Hold:> v Trig: Free F	100/100	1 2 3 4 5 6 M WWWWW P N N N N N		requency 00000 GHz	Settings
1 Spect	trum		•		Ref LvI Offset 0.5	0 dB	Mkr		225 GHz		000 MHz	
Log 🗆	Div 10 d	B			Ref Level 20.00 d	Bm			0.14 dBm		ept Span o Span	
10.0 0.00 -10.0										FI	ıll Span	
-20.0 - -30.0 - -40.0 -	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~							Start Fre 2.40050	eq 00000 GHz	
-50.0 -60.0										Stop Fre 2.40350	q 10000 GHz	
	2.40200				#Video BW 300	kHz			an 3.000 MHz		FO TUNE	
	W 100 I	Hz	-				S	weep 1.00	ms (601 pts)	CF Step 300.000		
5 Marke		Trace	<ul> <li>Scale</li> </ul>	X	Y	Function	Function Width	Eupot	tion Value	Auto Mar	b	
1	N	1 1	f	^ 2.402 225 GHz		Function				Freq Off		
2 3 4										0 Hz		
4 5 6										X Axis S Log		
	5	2		Nov 11, 2024 2:59:37 PM	$\Box$					Signal Ti (Span Zo	rack om)	

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#### **Band Edge**



#### Conducted spurious emissions 30MHz-25GHz

Spectrum Ana Swept SA	í	•	+								Frequency	- * 影
REYSIGH	Input: RF Coupling: Align: Off	: AC	Input Z: 50 Ω Corrections: Off Freq Ref: Internal	#Atten: 30 dB Preamp: Off	PNO: Fa Gate: O IF Gain: Sig Trac	ff Low	Avg Type: Lo Avg Hold:>10 Trig: Free Ru	00/100	123456 MWWWW PNNNNN		r Frequency 5000000 GHz	Settings
1 Spectrum Scale/Div 10	dB	'		Ref LvI Offset 0.5 Ref Level 20.00 d	0 dB		M		515 0 GHz 9.53 dBm	L	000000 GHz Swept Span	
Log 10.0 0.00								) <sup>1</sup>			Zero Span Full Span	
-10.0 -20.0 -30.0									DL1 -19.86 dBm	Start I 30.00	Freq 00000 MHz	
00.0		P / Lagaran and P	مەرىپى-رورلىراچىن ئالورمىغىدىيە، مۇلىرىيور	2	a,a	و العام المعام العام	- and the second second	and the second	aya ( <sup>1</sup> yaa da ahaa ahaa da ahaa ahaa ahaa ahaa	Stop F 3.000	Freq 0000000 GHz	
-70.0 Start 0.030 G #Res BW 100				#Video BW 300 I	(Hz		Swe		op 3.000 GHz ns (1001 pts)	CF St		
5 Marker Table		7								297.0	000000 MHz	
Mode 1 N 2 N 3 4 5 6	Trace S 1	Scale f f	X 2.402 2 GHz 1.515 0 GHz	Y -0.4860 dBm -59.53 dBm	Functio	n Fur	nction Width	Func	tion Value	N Freq ( 0 Hz X Axis	/lan Offset s Scale .og	
<b>H</b> 5	2		Nov 11, 2024 3:00:35 PM								.in I Track Zoom)	

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# Figure 11: Conducted Spurious Emission & Authorized-band band-edge, 2440MHz, BLE Carrier Level

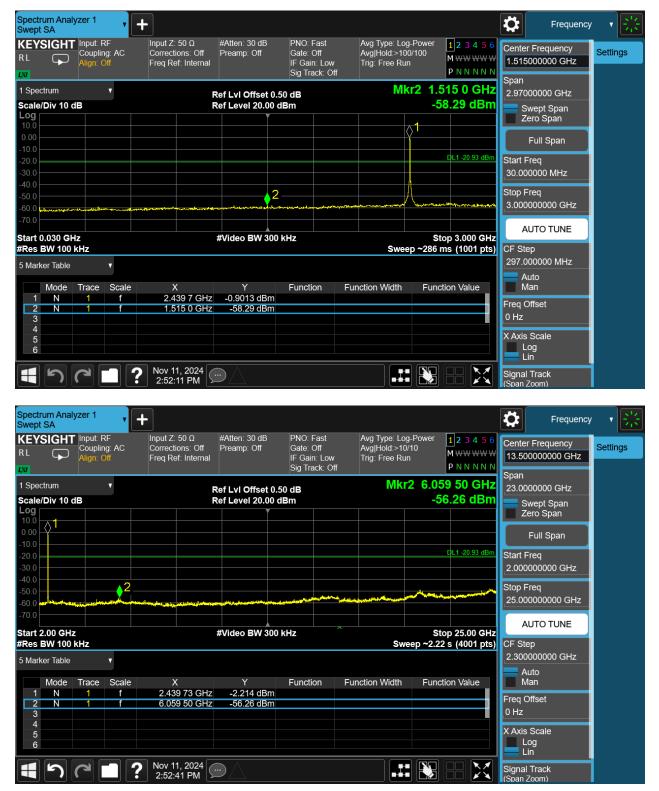
Spectrum Analy Swept SA	/zer 1	+					Frequency	y <b>,</b>
KEYSIGHT	Input: RF Coupling: AC Align: Off	Input Ζ: 50 Ω Corrections: Off Freq Ref: Internal	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Pow Avg Hold:>100/100 Trig: Free Run		Center Frequency 2.440000000 GHz Span	Settings
1 Spectrum	v	F	Ref LvI Offset 0.5	0 dB	Mkr1 2.4	439 730 GHz	3.00000000 MHz	
Scale/Div 10 d	B	F	Ref Level 20.00 d	Bm		-0.93 dBm	Swept Span Zero Span	
10.0			<b>1</b>				Full Span	
-10.0 -20.0 -30.0		www.					Start Freq 2.438500000 GHz	
-40.0 -50.0 -60.0							Stop Freq 2.441500000 GHz	
-70.0 Center 2.44000	00 GHz		#Video BW 300 I	(Hz		Span 3.000 MHz	AUTO TUNE	
#Res BW 100 I					Sweep	1.00 ms (601 pts)	CF Step 300.000 kHz	
5 Marker Table Mode	Trace Scale	X	Y	Function Fu	Inction Width F	unction Value	Auto Man	
1 N 2 3	1 f	2.439 730 GHz	-0.9268 dBm				Freq Offset 0 Hz	
4 5 6							X Axis Scale Log Lin	
		Nov 11, 2024 2:50:54 PM					Signal Track (Span Zoom)	1

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#### Conducted spurious emissions 30MHz-25GHz



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Figure 12: Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, BLE Carrier Level



### Band Edge

Swept		•	•	+							\$	Frequency	· · <del>深</del>
KEY RL	Sight Sight	Input: R Couplin Align: C	ig: AC	Input Z: 50 Ω Corrections: Off Freq Ref: Internal	#Atten: 30 dB Preamp: Off	PNO: Be Gate: O IF Gain: Sig Trac	Low	Avg Type: Lo Avg Hold:>1 Trig: Free Ri	00/100	123456 MWWWWW PNNNN		r Frequency 500000 GHz	Settings
1 Spec	ctrum / <b>Div 10 c</b>	1B	V		Ref LvI Offset 0 Ref Level 20.00	.50 dB		Mkr		500 GHz 4.10 dBm	L	00000 MHz wept Span	
Log 10.0 0.00		~										ero Span Full Span	
-10.0 -20.0 -30.0	$\sim$					1					Start F 2.478	Freq 500000 GHz	
-40.0 -50.0 -60.0	w								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Stop F 2.488	req 500000 GHz	
Cente	r 2.4835 BW 100				#Video BW 30	0 kHz		Si		an 10.00 MHz ms (601 pts)	A CF St		
	ker Table		V								1.000	000 MHz uto	
1 2 3	Mode N	Trace 1	Scale f	2.483 500 GHz	Y -44.10 dBm	Functio	n Fu	Inction Width	Func	tion Value	N Freq ( 0 Hz	lan Offset	
4 5 6												Scale og in	
	5	<b>C</b>		<b>?</b> Nov 11, 2024 2:58:41 PM							Signal (Span )	Track Zoom)	

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#### Conducted spurious emissions 30MHz-25GHz

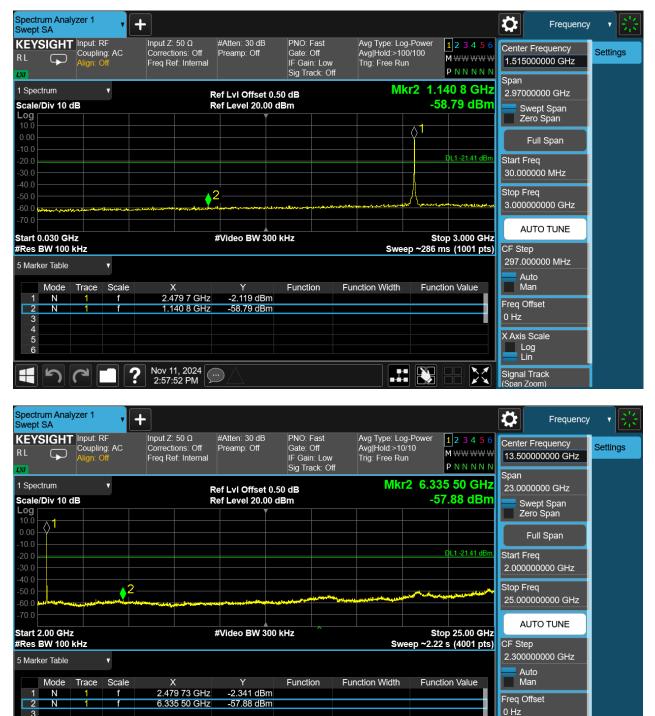
4 5

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**?** Nov 11, 2024 ....



X Axis Scale

Log Lin

Signal Track (Span Zoom)

 $\gtrsim$ 

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4.1.6 Radiate	d Emission			
RESULT:				PASS
Test standard		: F	CC Part 15.247(d), 15.205, 15.209	
Requirement		: A	NSI C63.10-2013 clause 11.12,	
		k	DB 558074 D01 v05r02, Clause 8.6	
Kind of test site		: 3	m Semi-Anechoic Chamber	
Test setup				
Test Channel		: L	ow/Middle/High	
Operation Mode		: A		
Ambient temperat	ure	: 2	5.1°C	
Relative humidity		: 4	7%	

DEDODT

#### Notes

Test plots please refer to the annex document "SHH24110002-01CE DATA BLE-TX EXHIBIT A".

TECT

1. For 9 kHz ~ 30 MHz, the amplitude of spurious emissions that are attenuated by more than 20dB below the permissible. The value has no need to be reported.

2. The spurious above 18GHz is noise only and 20dB below the limit. The value has no need to be reported.

3. All test modes had been pre-tested, but only the BLE at low channel of below 1 GHz is the worst case and recorded in the report.

4. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement -X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

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PASS
5.209
3,
ise 8.7

Notes Test plots please refer to the annex document "SHH24110002-01CE DATA BLE-TX EXHIBIT A".

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## **5** Appendixes

### 5.1 Photographs of the Sample



All of the sample



Front of the sample

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#### Rear of the sample



#### Left of the sample

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#### Right of the sample



Top of the sample

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#### Bottom of the sample



Open-1 of the sample

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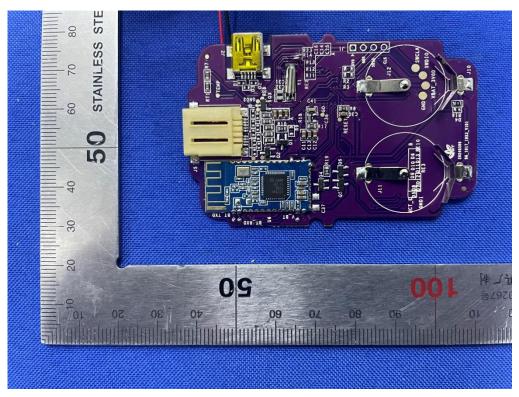
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Open-2 of the sample



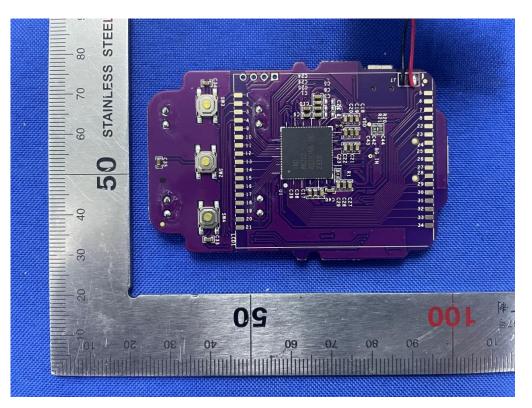
Internal-1 of the sample

Report No.: SHH24110002-01CE

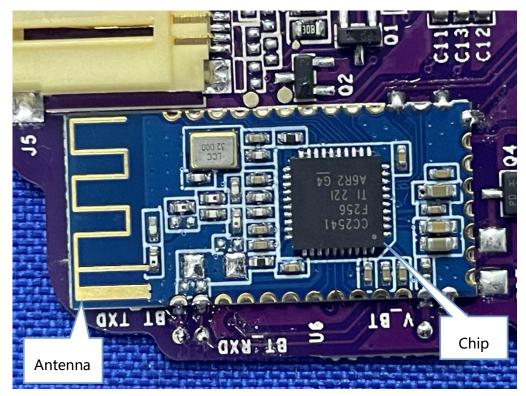
### Date:

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### Internal-2 of the sample

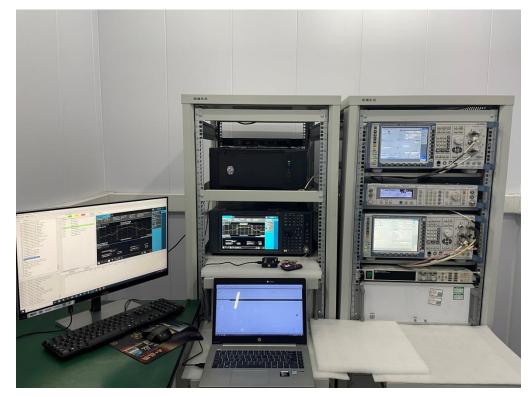


Antenna Position

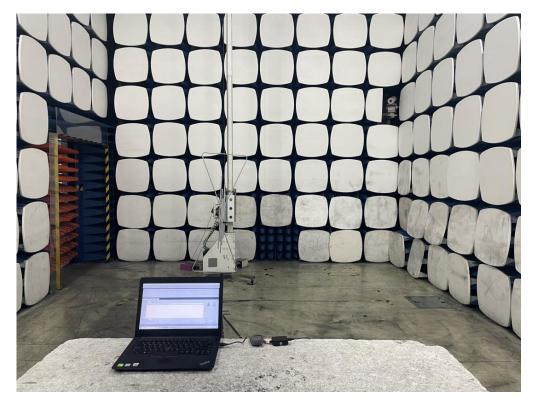
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## 5.2 Set-up for Conducted RF test at Antenna Port



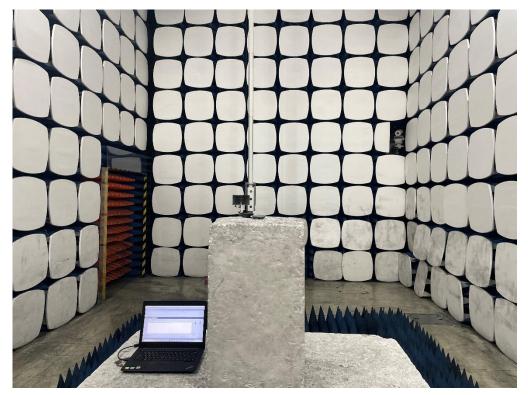
5.3 Set-up for Spurious Emissions below 1GHz



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# 5.4 Set-up for Spurious Emissions above 1GHz



\*\*\*End of the report\*\*\*