FCC AND ISED CERTIFICATION TEST REPORT

Applicant	:	Zwift Inc
Address of Applicant	:	111 W. Ocean Blvd, Suite 1800, Long Beach, CA 90802
Manufacturer	:	Zwift Inc
Address of Manufacturer	:	111 W. Ocean Blvd, Suite 1800, Long Beach, CA 90802
Equipment under Test	:	CLICK V2
Model No.	:	Z007
FCC ID	:	2A4DF-Z007
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart C, ANSI C63.10:2013
Report No.	:	DDT-RE25031313-1E01
Issue Date	:	2025/05/06
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

Applicant	:	Zwift Inc
Address of Applicant	:	111 W. Ocean Blvd, Suite 1800, Long Beach, CA 90802
Equipment under Test	:	CLICK V2
Model No.	:	Z007
Manufacturer	:	Zwift Inc
Address of Manufacturer	:	111 W. Ocean Blvd, Suite 1800, Long Beach, CA 90802

Test Standard Used:

FCC Rules and Regulations Part 15 Subpart C,
ANSI C63.10:2013,

We Declare:

The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE25031313-1E01		
Date of Receipt:	2025/03/25	**Date of Test:**	2025/03/25 - 2025/04/19

Created: Zoe Peng	Reviewed: Ella Gong	Approved: Damon Hu
Zoe peng	Ella Gong	GUANGDONG DONGDIAN TESTING SERVICE CO.,LTD. 广东东电检测技术有限公司 Certificate and Report Seal 检验检测专用章
2025/05/06	2025/05/06	2025/05/06

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Version	Revision Content	Issue Date	Approved
---	Initial issue	2025/05/06	

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	6 dB Bandwidth and 99% Bandwidth	FCC Part 15: 15.247(a)(2)	/	Pass
2	Peak Output Power	FCC Part 15: 15.247(b)(3)	/	Pass
3	Power Spectral Density	FCC Part 15:15.247(e)	/	Pass
4	RF Conducted Spurious Emissions	FCC Part 15: 15.247(d)	/	Pass
5	Radiated Emission	FCC Part 15: 15.205, FCC Part 15: 15.209, FCC Part 15: 15.247(d)	/	Pass
6	Band Edge Compliance	FCC Part 15: 15.205, FCC Part 15: 15.209, FCC Part 15: 15.247(d)	/	Pass
7	Antenna Requirement	FCC Part 15: 15.203	/	Pass
8	Power Line Conducted Emissions	FCC Part 15: 15.207(a)	/	N/A
Note: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.				

2. General Test Information

2.1. Description of EUT

EUT Name	:	CLICK V2
Model Number	:	Z007
EUT Function Description	:	Please reference user manual of this device
Power Supply	:	Battery: CR2032
Hardware Version	:	A.0
Software Version	:	1.0.1
Antenna Type	:	Chip Antenna
Max Antenna Gain(dBi)	:	0.5

Radio Specification	:	Bluetooth LE
Operation Frequency	:	2402 MHz to 2480 MHz
Modulation	:	GFSK

Bluetooth LE 1Mbps Channel information					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	14	2430	28	2458
1	2404	15	2432	29	2460
2	2406	16	2434	30	2462
3	2408	17	2436	31	2464
4	2410	18	2438	32	2466
5	2412	19	2440	33	2468
6	2414	20	2442	34	2470
7	2416	21	2444	35	2472
8	2418	22	2446	36	2474
9	2420	23	2448	37	2476
10	2422	24	2450	38	2478
11	2424	25	2452	39	2480
12	2426	26	2454		
13	2428	27	2456		
Bluetooth LE 2Mbps Channel information					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	14	2430	28	2458
1	2404	15	2432	29	2460
2	2406	16	2434	30	2462
3	2408	17	2436	31	2464
4	2410	18	2438	32	2466

5	2412	19	2440	33	2468
6	2414	20	2442	34	2470
7	2416	21	2444	35	2472
8	2418	22	2446	36	2474
9	2420	23	2448	37	2476
10	2422	24	2450	38	2478
11	2424	25	2452	39	2480
12	2426	26	2454	/	
13	2428	27	2456	/	
The channels denoted with the grey background are excluded, because they are primary advertising channel only for the Bluetooth LE 1Mbps according to the Bluetooth Core Specification.					

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

"☒" means to be chosen or applicable; "□" means don't to be chosen or not applicable; This note applies to entire report.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
/	/	/	/

2.3. Block diagram of EUT configuration for test

2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:
Test software: BTool -Bluetooth Low Energy Application - v1.44.04 (BLE5)

The test software was used to control EUT work in Continuous Tx mode, and select test channel, wireless mode as below table:

The pathloss of external cable: 0.5dB (According to the manufacturer's claims)

Tested mode, Tx Power Setting, Channel, and Frequency			
Mode	Setting Tx Power	Channel	Frequency (MHz)
GFSK 1M	Default	CH0	2402
	Default	CH19	2440
	Default	CH39	2480
GFSK 2M	Default	CH1	2404
	Default	CH19	2440
	Default	CH38	2478

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

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

Temperature range:	0℃ to +45 ℃
Humidity range:	20% to 75%
Pressure range:	86 kPa to106 kPa

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, http://www.dgddt.com, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.8. Measurement uncertainty

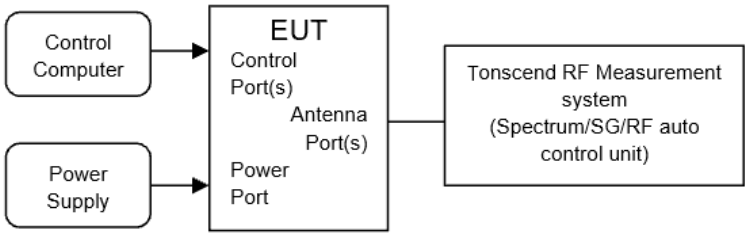
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Frequencies Stability	6.7×10^{-8} (Antenna couple method)
	5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB (10 MHz ≤ f < 3.6 GHz);
	1.40 dB (3.6 GHz ≤ f < 8 GHz)
	1.66 dB (8 GHz ≤ f < 26.5 GHz)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 ℃
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz)
	4.40 dB (6 GHz - 18 GHz)
	3.54 dB (18 GHz - 26 GHz)
	4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz)
	3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Conductive Test

Equipment	Manufacturer	Model No.	Serial Number	Due Date
☒ RF Connected Test (RF Measurement System 1#)				
SIGNAL ANALYZER	R&S	FSQ26	101272	2026/03/28
Wideband Radio Communication Tester	R&S	CMW500	120259	2026/03/28
MXG Vector Signal Generator	KEYSIGHT	N5182B	MY59100192	2026/03/28
MXG Vector Signal Generator	Agilent	N5182A	MY19060405	2026/03/28
RF Control Unit	Tonsend	JS0806-2	158060010	2026/03/28
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2026/03/28
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A

4. 6 dB Bandwidth

4.1. Block diagram of test setup



4.2. Limits

For direct sequence systems, the minimum 6 dB bandwidth shall be at least 500 kHz

4.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 11.8.
(2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously
(4) Use the following spectrum analyzer settings for 6 dB Bandwidth:

RBW:	100 kHz
VBW:	≥ [3 × RBW]
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold

(5) Allow the trace to stabilize, measure the 6 dB bandwidth of signal, and record the results in the report.

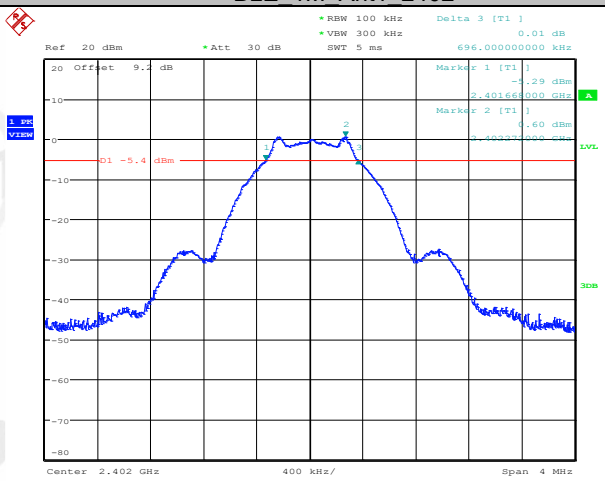
4.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement system 1#
Ambient Condition:	23.4-25.2℃,45.3-46.3%RH	Test Date:	2025.04.01-2025.04.13
Test Power Supply:	Battery	Sample Number:	S25031313-006

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.70	2401.67	2402.36	0.5	PASS
		2440	0.70	2439.66	2440.36	0.5	PASS
		2480	0.70	2479.66	2480.36	0.5	PASS
BLE_2M	Ant1	2404	1.35	2403.35	2404.70	0.5	PASS
		2440	1.37	2439.33	2440.71	0.5	PASS
		2478	1.34	2477.36	2478.71	0.5	PASS

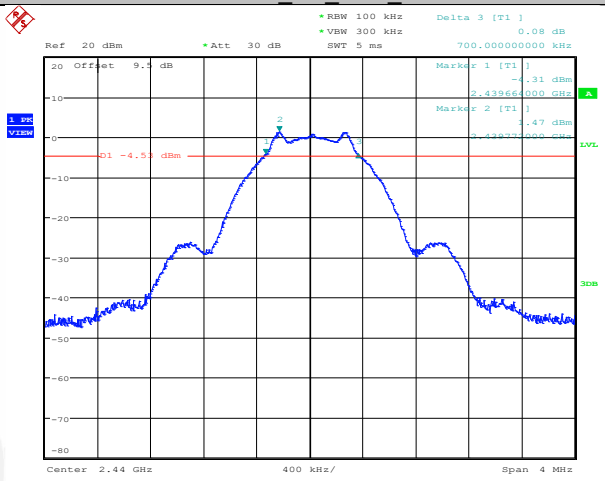
4.5. Test graphs

BLE_1M_Ant1_2402



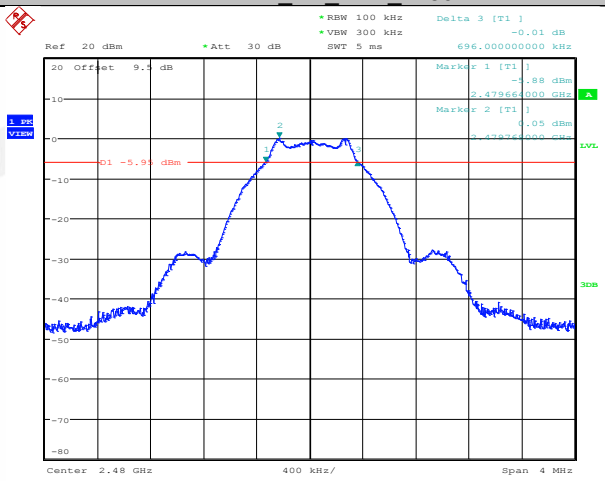
Date: 1.APR.2025 12:17:38

BLE_1M_Ant1_2440



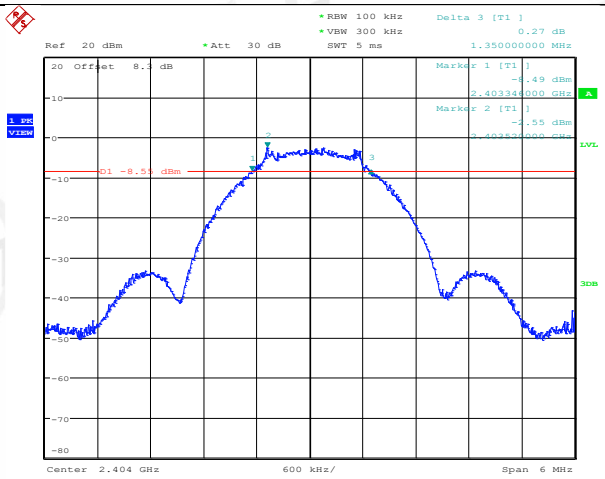
Date: 1.APR.2025 12:21:19

BLE_1M_Ant1_2480



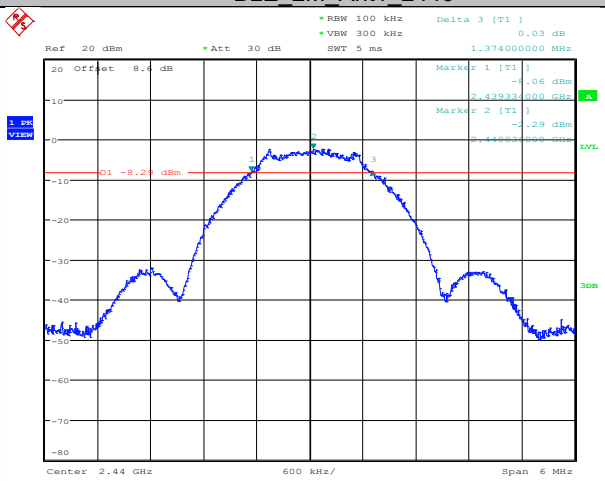
Date: 1.APR.2025 12:24:39

BLE_2M_Ant1_2404



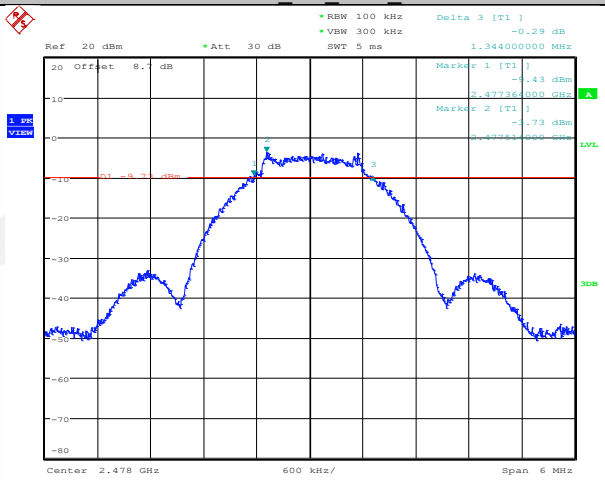
Date: 13.APR.2025 15:26:17

BLE_2M_Ant1_2440



Date: 13.APR.2025 15:30:02

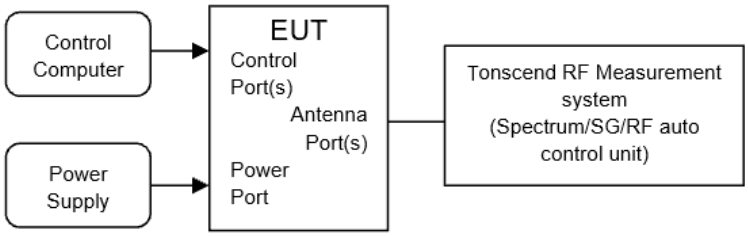
BLE_2M_Ant1_2478



Date: 13.APR.2025 15:33:30

5. 99% Bandwidth

5.1. Block diagram of test setup



5.2. Limits

Just for Report.

5.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 6.9.3.
(2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously
(4) Use the following spectrum analyzer settings for the 99% Bandwidth:

RBW:	1% to 5% of the OBW
VBW:	approximately three times RBW
Span:	between 1.5 times and 5.0 times the OBW
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold

(5) Allow the trace to stabilize, measure the 99% bandwidth of signal, and record the results in the report.

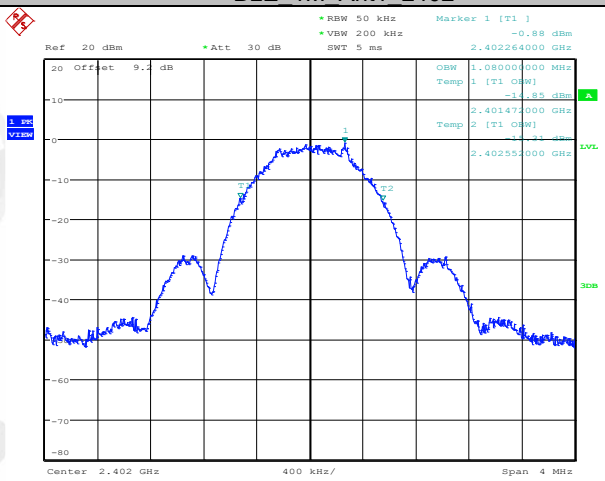
5.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement system 1#
Ambient Condition:	23.4-25.2℃,45.3-46.3%RH	Test Date:	2025.04.01-2025.04.13
Test Power Supply:	Battery	Sample Number:	S25031313-006

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.08	2401.4720	2402.5520	---	---
		2440	1.092	2439.4680	2440.5600	---	---
		2480	1.076	2479.4760	2480.5520	---	---
BLE_2M	Ant1	2404	2.07	2402.9800	2405.0500	---	---
		2440	2.076	2438.9800	2441.0560	---	---
		2478	2.088	2476.9740	2479.0620	---	---

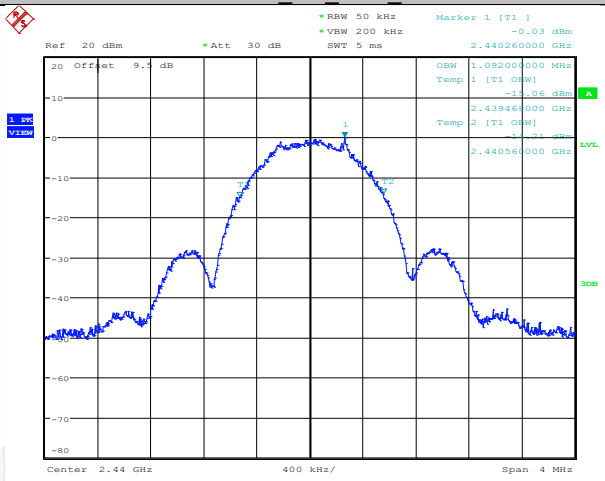
5.5. Test graphs

BLE_1M_Ant1_2402



Date: 1.APR.2025 12:17:53

BLE_1M_Ant1_2440



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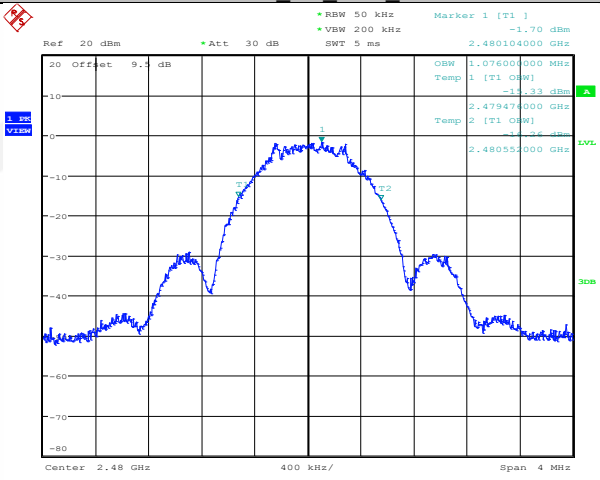
BLE_1M_Ant1_2480



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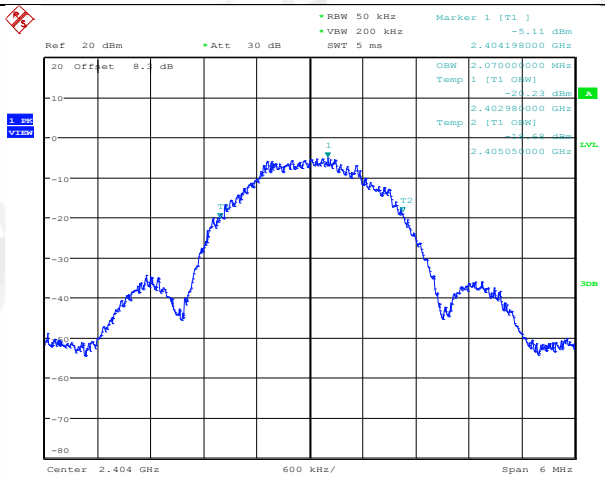
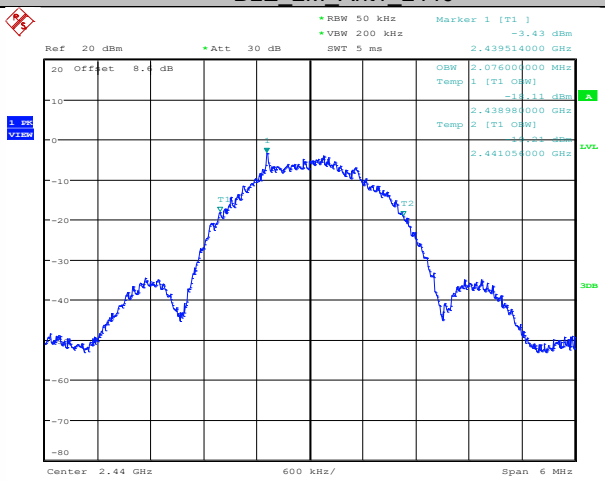
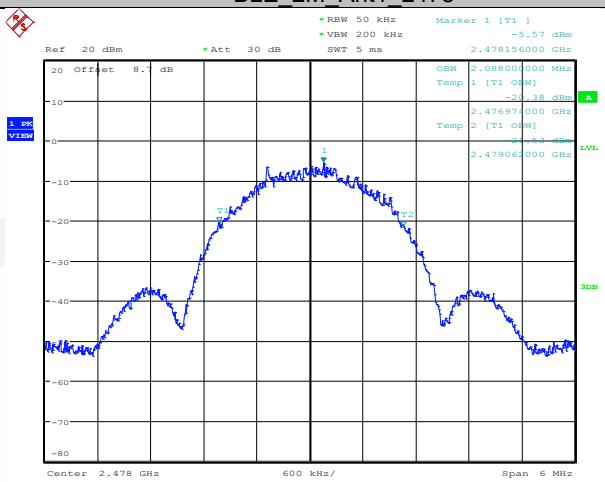
BLE_2M_Ant1_2404



BLE_2M_Ant1_2440

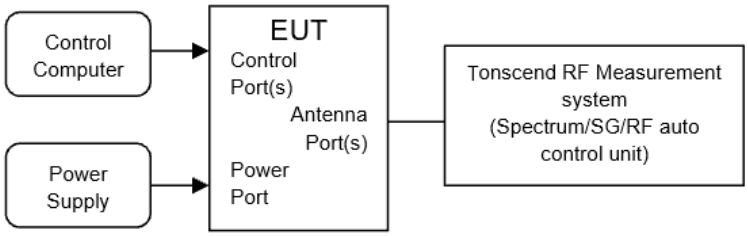


BLE_2M_Ant1_2478



6. Maximum Peak Output Power

6.1. Block diagram of test setup



6.2. Limits

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. If transmitting antennas of directional gain greater than 6dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi, the e.i.r.p shall not exceed 4W.

6.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 11.9.1.1.
(2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously.
(4) Use the following spectrum analyzer settings for the maximum peak output power measurement:

RBW:	≥DTS bandwidth
VBW:	≥3 x RBW
Span	≥3 x RBW
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold

(5) Allow the trace to stabilize, use peak marker function to determine the peak amplitude level.

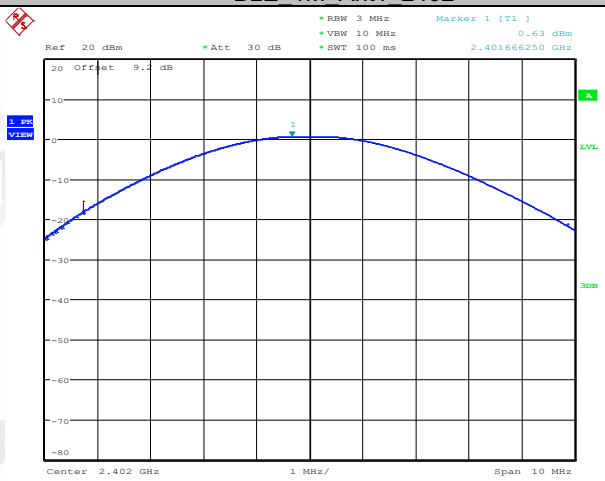
6.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement system 1#
Ambient Condition:	23.4-25.2℃,45.3-46.3%RH	Test Date:	2025.04.01-2025.04.13
Test Power Supply:	Battery	Sample Number:	S25031313-006

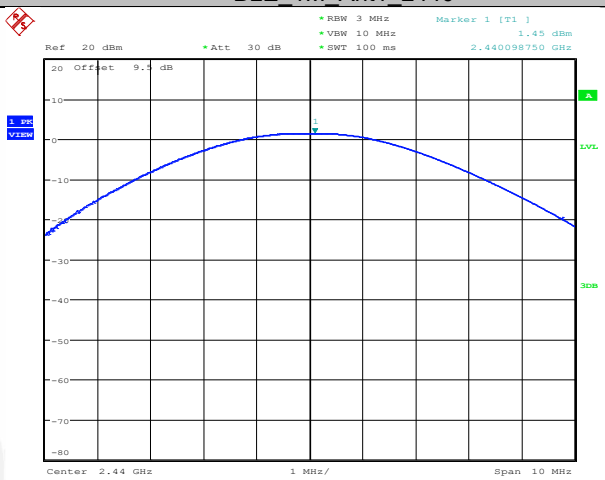
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.63	≤30	1.13	≤36	PASS
		2440	1.45	≤30	1.95	≤36	PASS
		2480	0.20	≤30	0.70	≤36	PASS
BLE_2M	Ant1	2404	-0.71	≤30	-0.21	≤36	PASS
		2440	-0.31	≤30	0.19	≤36	PASS
		2478	-1.92	≤30	-1.42	≤36	PASS

6.5. Test graphs

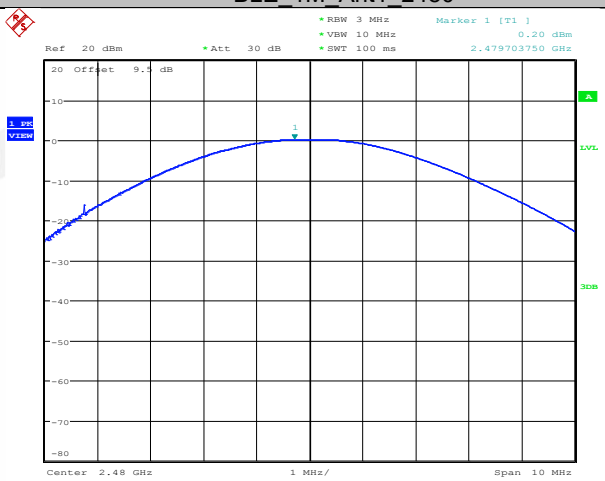
BLE_1M_Ant1_2402



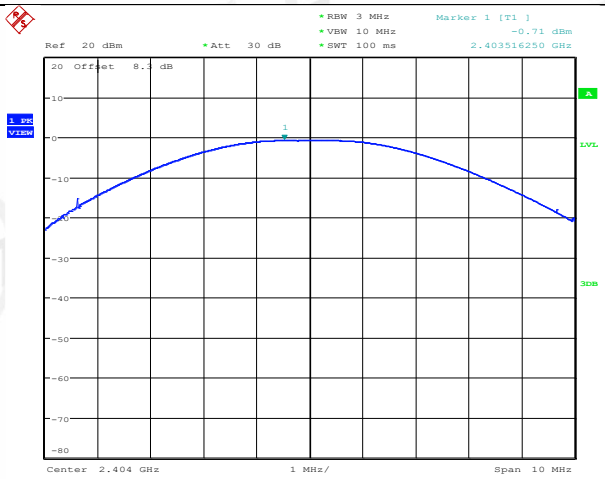
BLE_1M_Ant1_2440



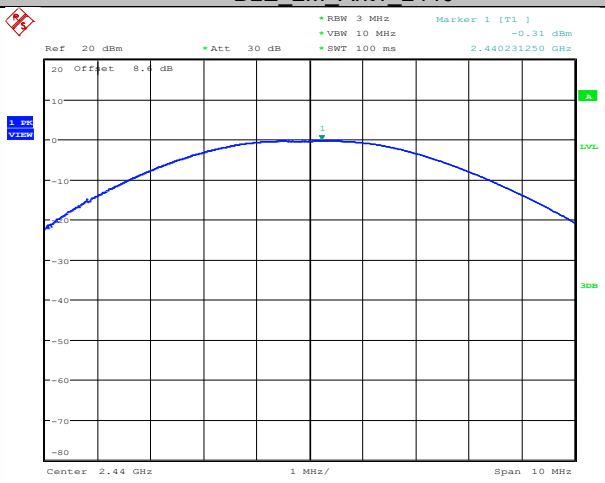
BLE_1M_Ant1_2480



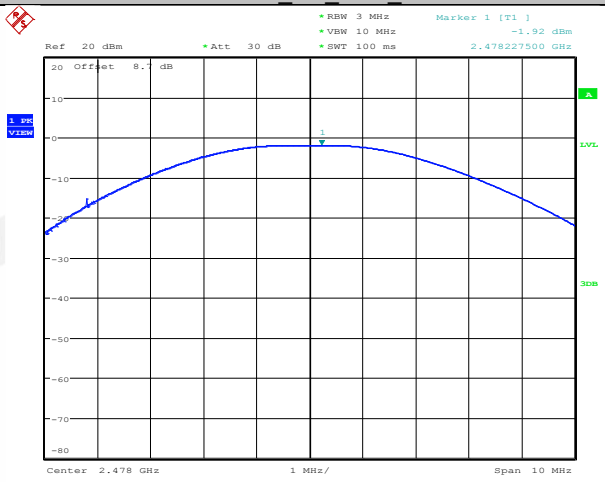
BLE_2M_Ant1_2404



BLE_2M_Ant1_2440

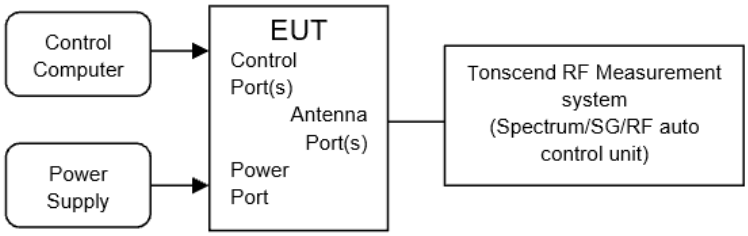


BLE_2M_Ant1_2478



7. Power Spectral Density

7.1. Block diagram of test setup



7.2. Limits

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.

7.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 11.10.2.
(2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously.
(4) Use the following spectrum analyzer settings for Power Spectral Density measurement:

Center frequency	DTS Channel center frequency
RBW:	3 kHz ≤ RBW ≤ 100 kHz
VBW:	≥ 3RBW
Span	1.5 times the DTS bandwidth
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold

(5) Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

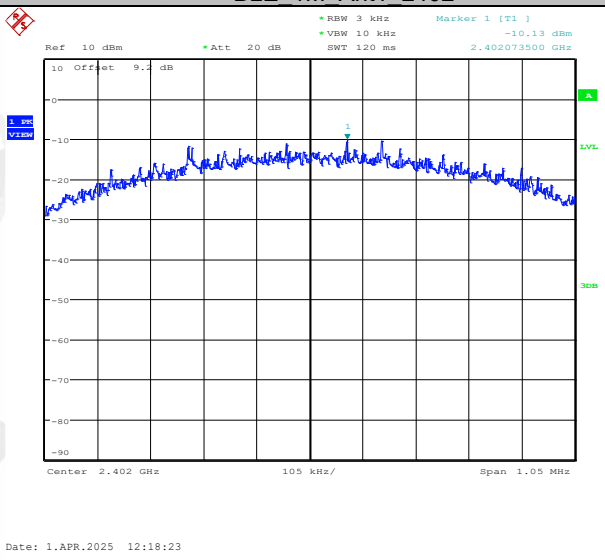
7.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement system 1#
Ambient Condition:	23.4-25.2℃,45.3-46.3%RH	Test Date:	2025.04.01-2025.04.13
Test Power Supply:	Battery	Sample Number:	S25031313-006

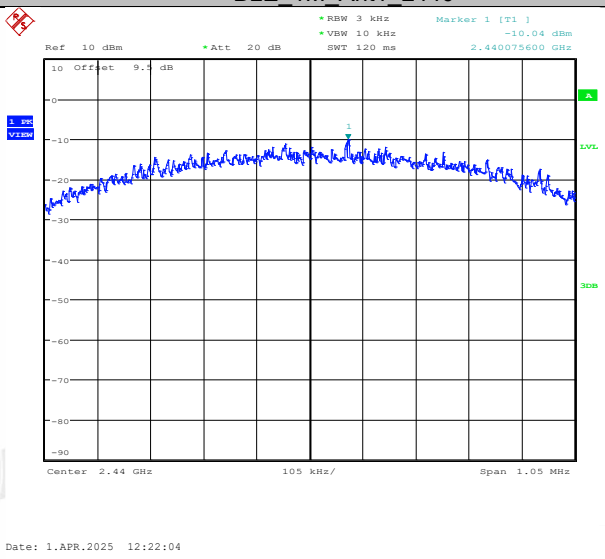
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.13	≤8.00	PASS
		2440	-10.04	≤8.00	PASS
		2480	-9.33	≤8.00	PASS
BLE_2M	Ant1	2404	-14.17	≤8.00	PASS
		2440	-14.67	≤8.00	PASS
		2478	-16.79	≤8.00	PASS

7.5. Test graphs

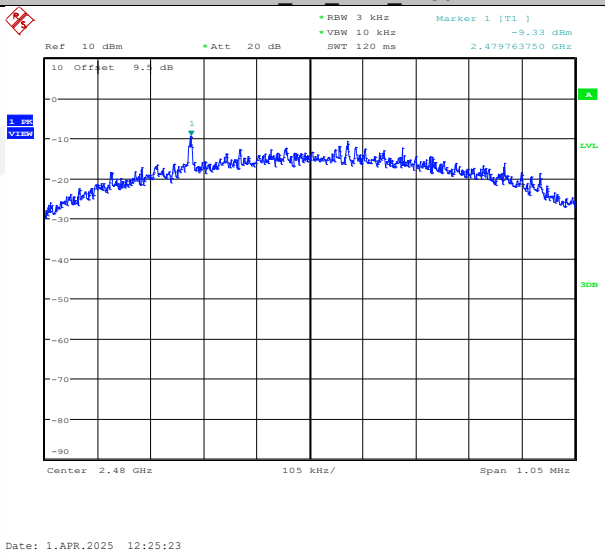
BLE_1M_Ant1_2402



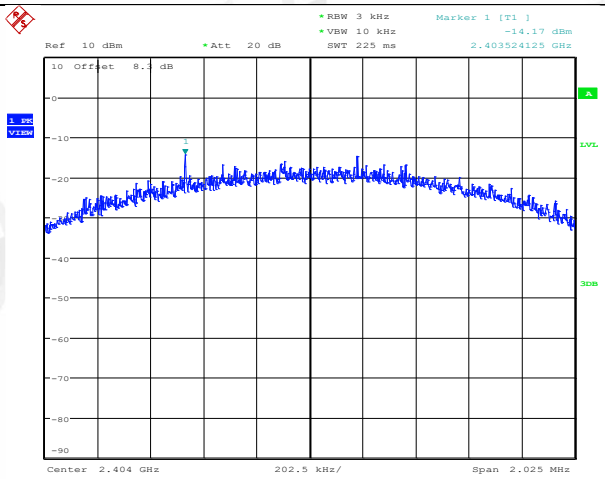
BLE_1M_Ant1_2440



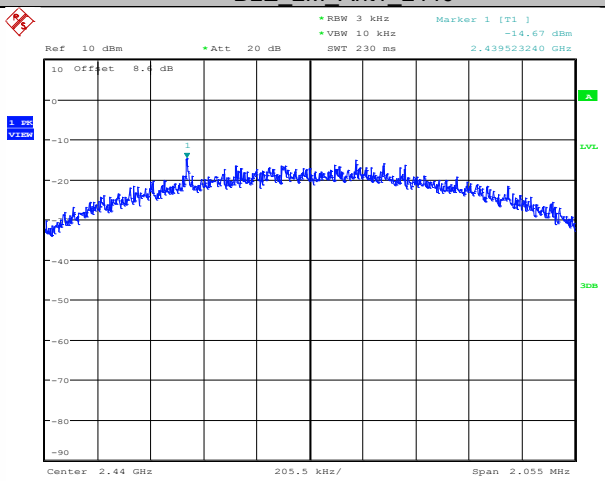
BLE_1M_Ant1_2480



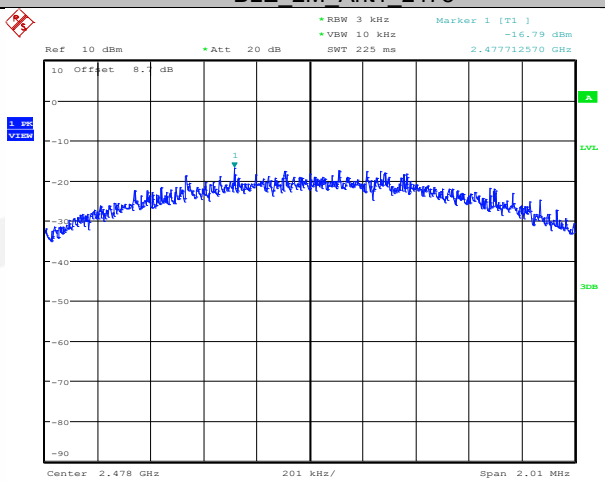
BLE_2M_Ant1_2404



BLE_2M_Ant1_2440

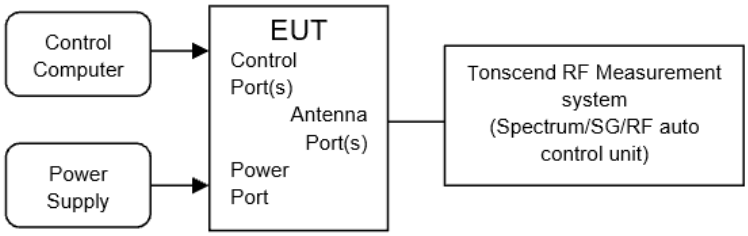


BLE_2M_Ant1_2478



8. Band Edge Compliance (Conducted Method)

8.1. Block diagram of test setup



8.2. Limits

In any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in 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.

8.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Establish a reference level by using the following procedure:

RBW:	100 kHz
VBW:	300 kHz
Span	Encompass frequency range to be measured
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold

(3) Allow the trace to stabilize, use the peak marker function to determine the maximum peak power level to establish the reference level.

(4) Then mark the maximum amplitude of all unwanted emissions outside of the authorized frequency band.

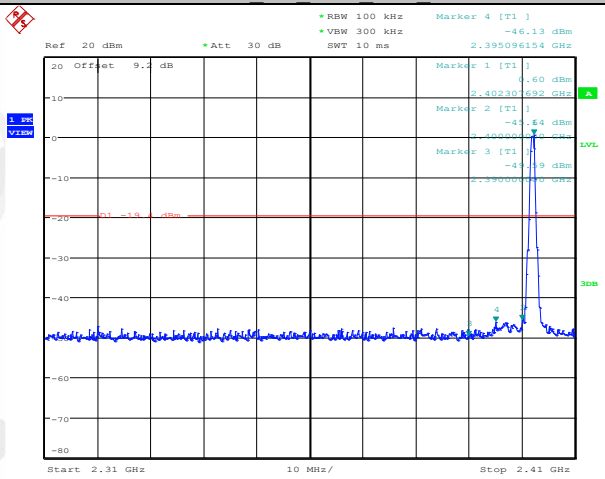
8.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement system 1#
Ambient Condition:	23.4-25.2℃,45.3-46.3%RH	Test Date:	2025.04.01-2025.04.13
Test Power Supply:	Battery	Sample Number:	S25031313-006

Mode	Frequency [MHz]	Measured Range	Verdict
GFSK 1M	2402	2.310 GHz - 2.410 GHz	Pass
	2480	2.470 GHz - 2.500 GHz	Pass
GFSK 2M	2404	2.310 GHz - 2.410 GHz	Pass
	2478	2.470 GHz - 2.500 GHz	Pass

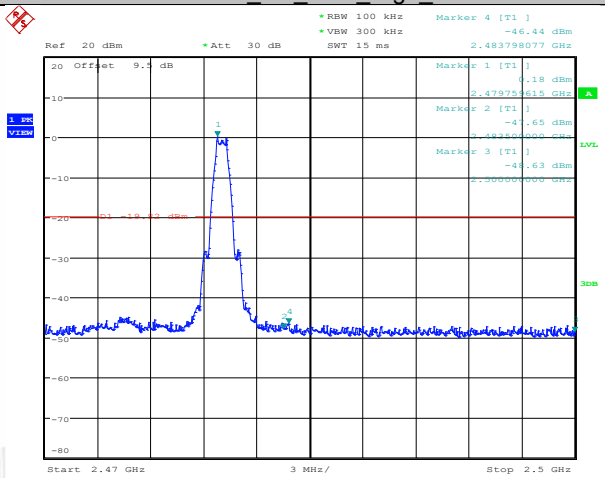
8.5. Test graphs

BLE_1M_Ant1_Low_2402



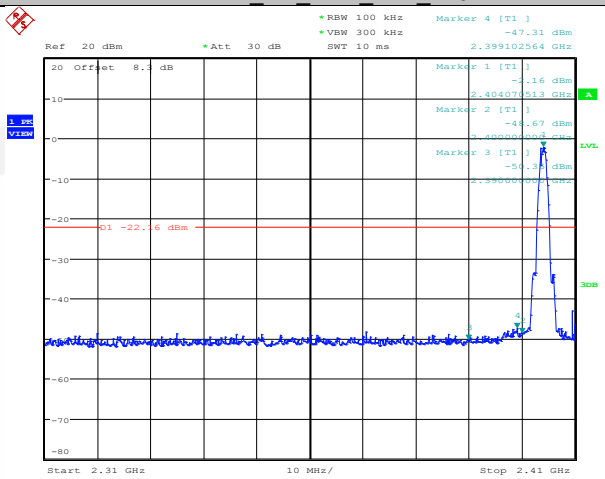
Date: 1.APR.2025 12:18:40

BLE_1M_Ant1_High_2480



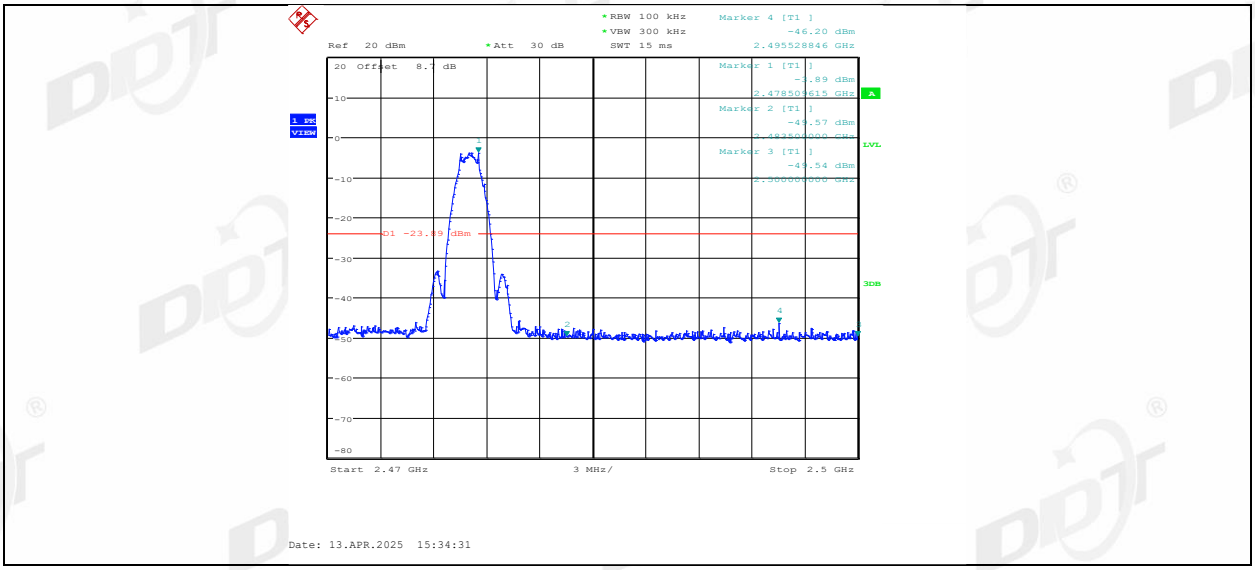
Date: 1.APR.2025 12:25:40

BLE_2M_Ant1_Low_2404



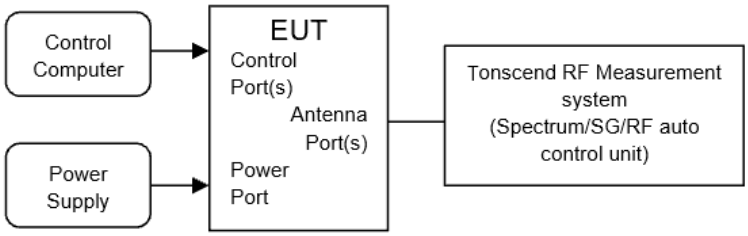
Date: 13.APR.2025 15:27:18

BLE_2M_Ant1_High_2478


RBW 100 kHz
VBW 300 kHz
SWT 15 ms
Marker 4 [T1]
-46.20 dBm
2.495528846 GHz
Ref 20 dBm
Att 30 dB
20 Offset 8.7 dB
Marker 1 [T1]
-3.89 dBm
2.478503615 GHz
Marker 2 [T1]
-49.57 dBm
2.482500000 GHz
Marker 3 [T1]
-49.54 dBm
2.500000000 GHz
D1 -23.99 dBm
3DB
Start 2.47 GHz
3 MHz/
Stop 2.5 GHz
Date: 13.APR.2025 15:34:31

9. RF Conducted Spurious Emissions

9.1. Block diagram of test setup



9.2. Limits

In any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in 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.

9.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Establish a reference level by using the following procedure:

Center frequency	Test frequency
RBW:	100 kHz
VBW:	300 kHz
Span	Wide enough to capture the peak level of the in-band emission
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold

(3) Allow the trace to stabilize, use the peak marker function to determine the maximum peak power level to establish the reference level.

(4) Set the spectrum analyzer as follows:

RBW:	100 kHz
VBW:	300 kHz
Span	Encompass frequency range to be measured
Number of measurement points	≥Span/RBW
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold

Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude of all unwanted emissions outside of the authorized frequency band

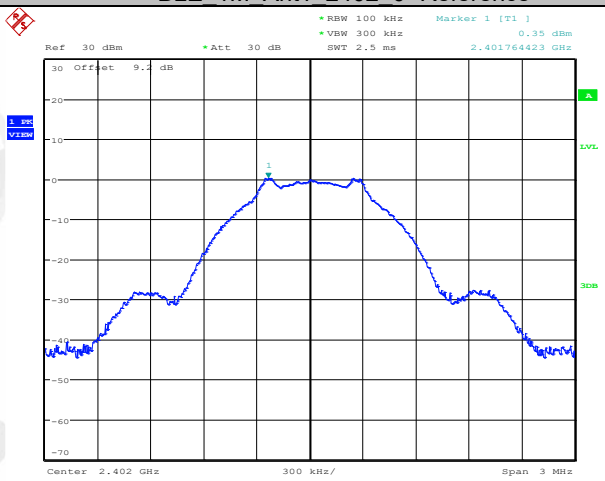
9.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement system 1#
Ambient Condition:	23.4-25.2℃,45.3-46.3%RH	Test Date:	2025.04.01-2025.04.13
Test Power Supply:	Battery	Sample Number:	S25031313-006

Mode	Frequency [MHz]	Verdict
GFSK 1M	2402	Pass
	2440	Pass
	2480	Pass
GFSK 2M	2404	Pass
	2440	Pass
	2478	Pass

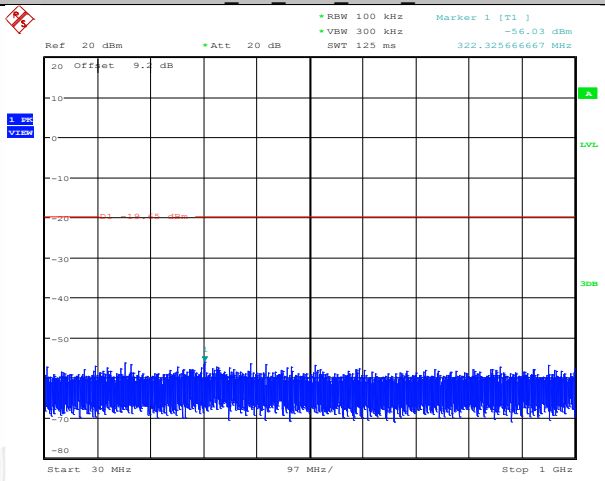
9.5. Test graphs

BLE_1M_Ant1_2402_0~Reference



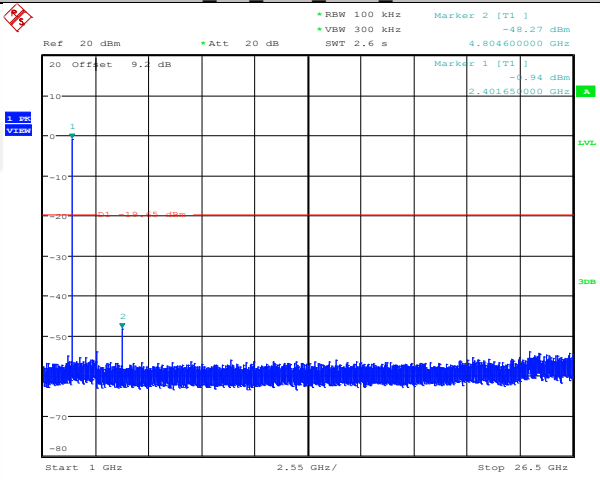
Date: 1.APR.2025 12:18:49

BLE_1M_Ant1_2402_30~1000



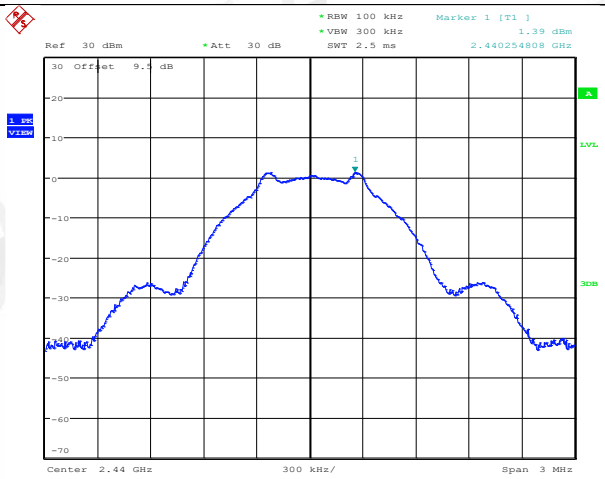
Date: 1.APR.2025 12:18:57

BLE_1M_Ant1_2402_1000~26500

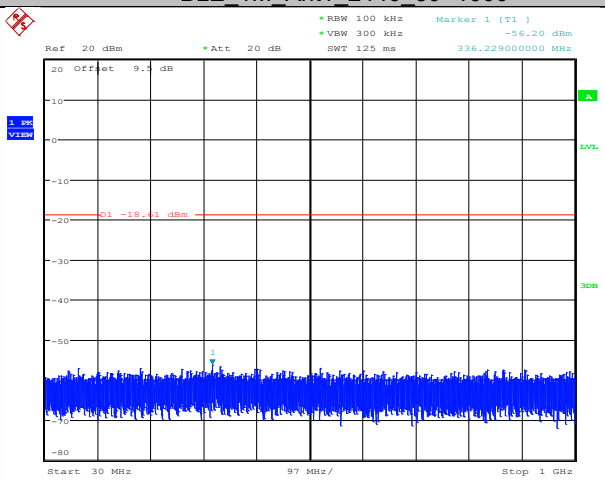


Date: 1.APR.2025 12:19:19

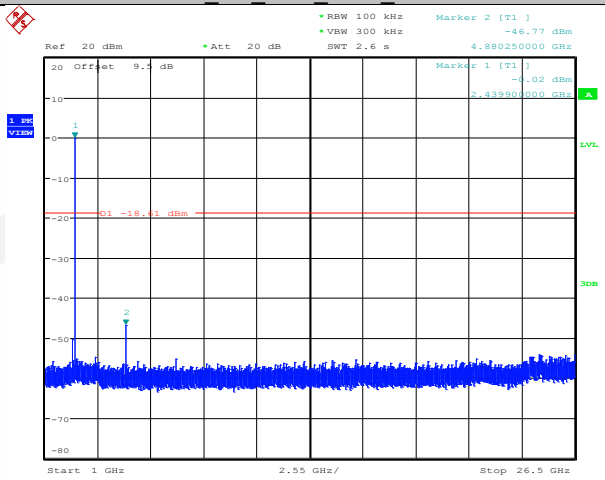
BLE_1M_Ant1_2440_0~Reference



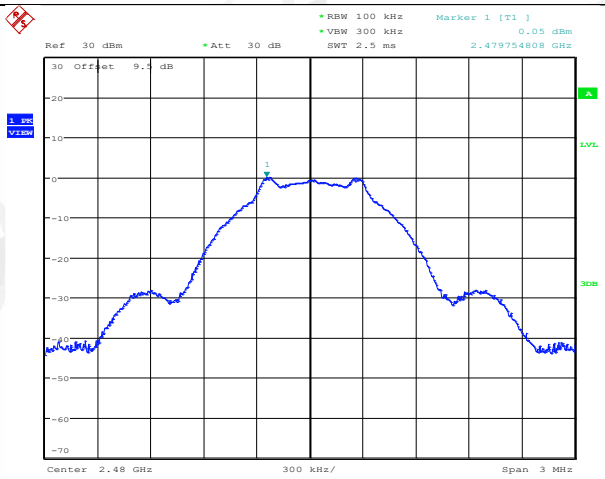
BLE_1M_Ant1_2440_30~1000



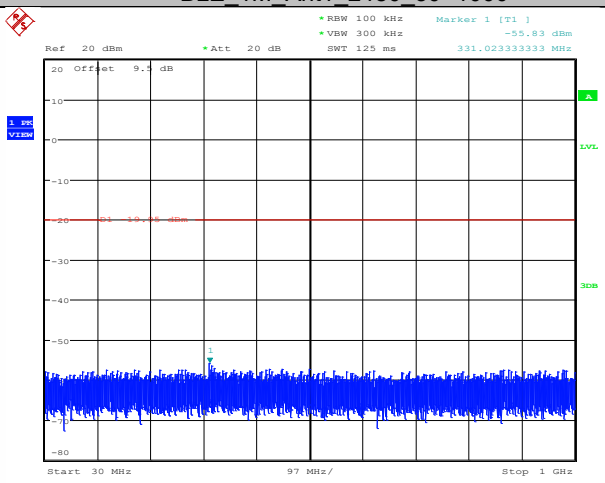
BLE_1M_Ant1_2440_1000~26500



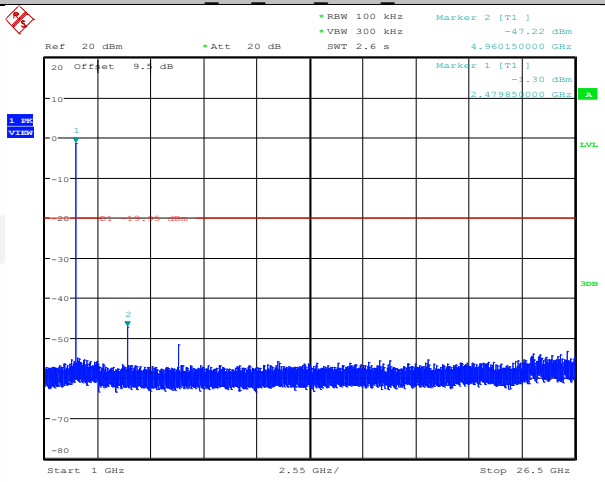
BLE_1M_Ant1_2480_0~Reference



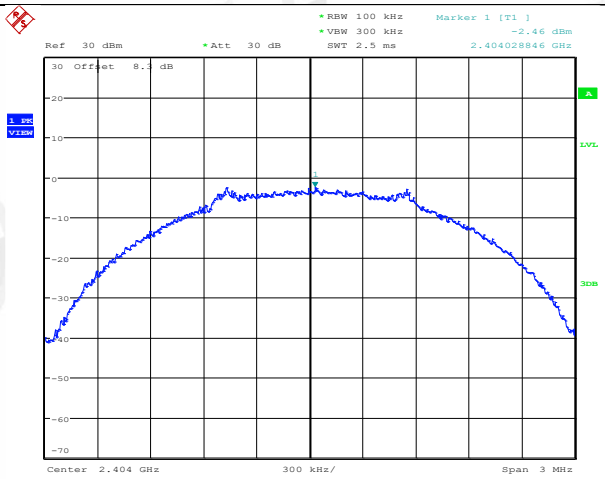
BLE_1M_Ant1_2480_30~1000



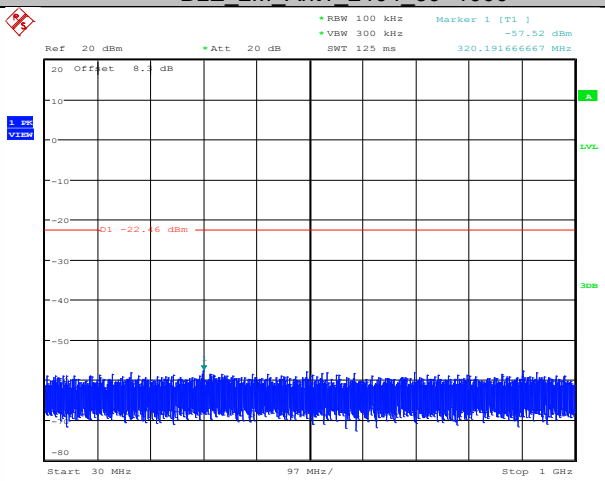
BLE_1M_Ant1_2480_1000~26500



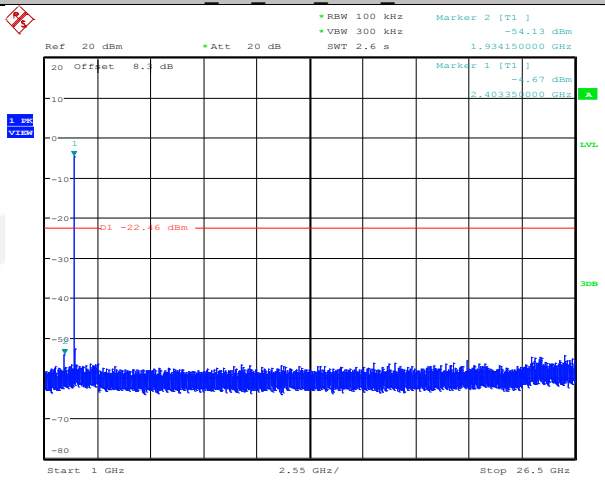
BLE_2M_Ant1_2404_0~Reference



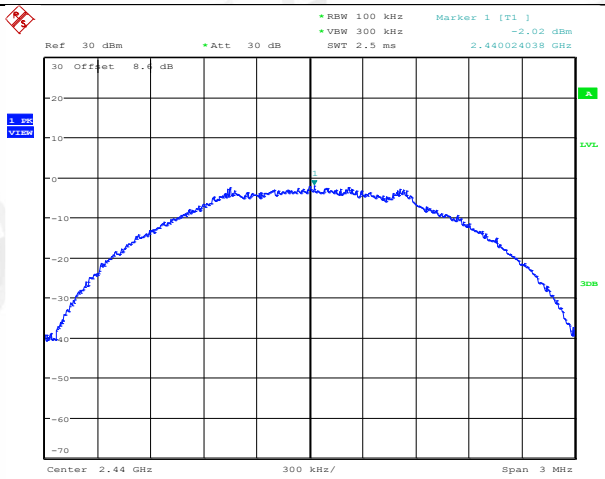
BLE_2M_Ant1_2404_30~1000



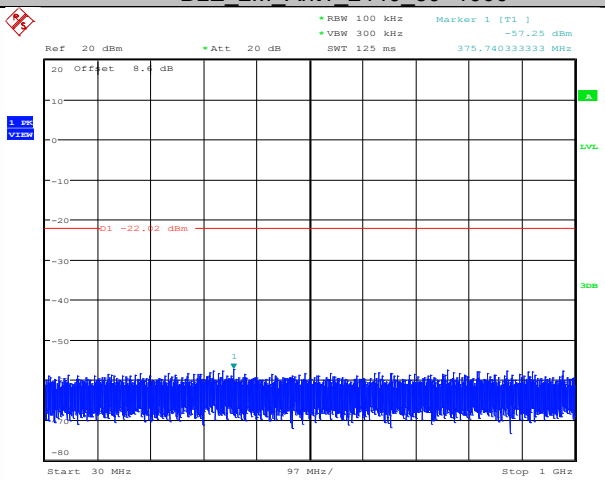
BLE_2M_Ant1_2404_1000~26500



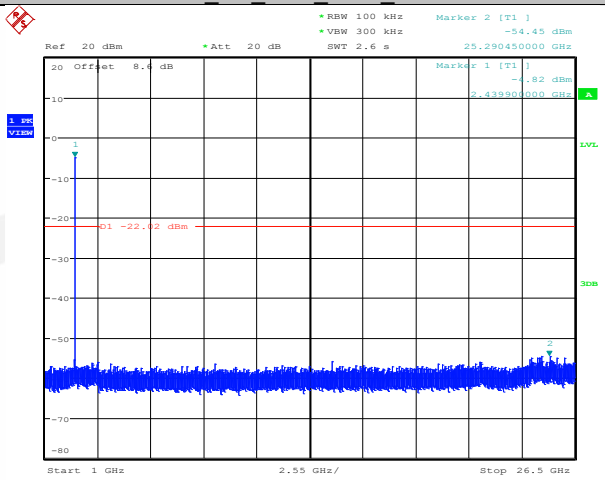
BLE_2M_Ant1_2440_0~Reference



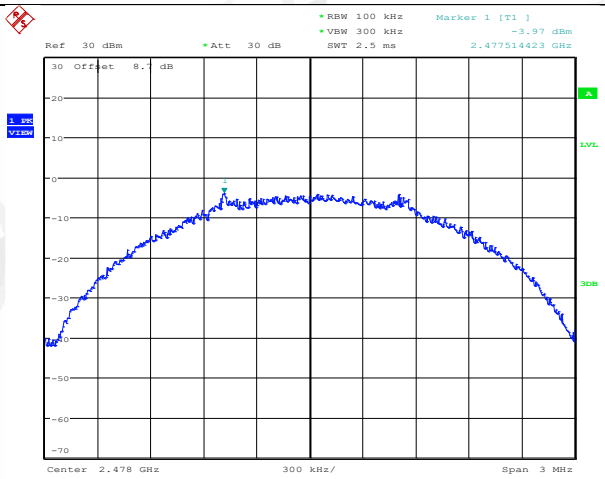
BLE_2M_Ant1_2440_30~1000



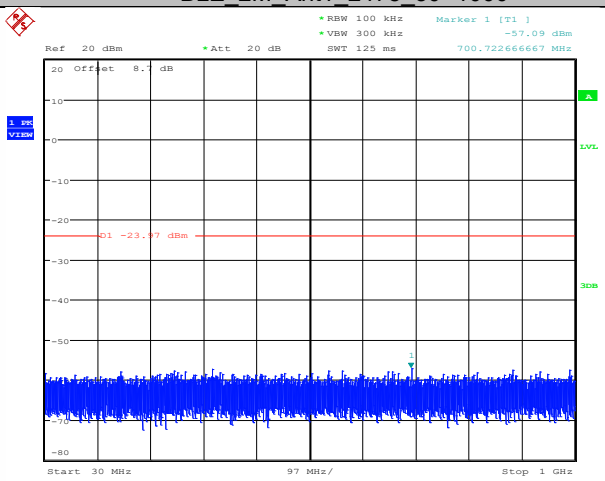
BLE_2M_Ant1_2440_1000~26500



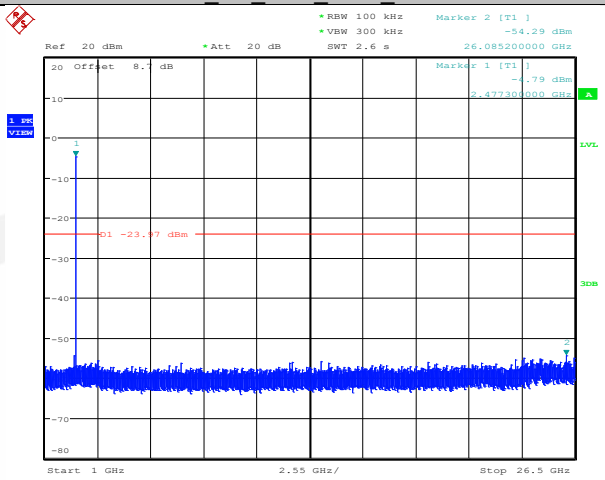
BLE_2M_Ant1_2478_0~Reference



BLE_2M_Ant1_2478_30~1000

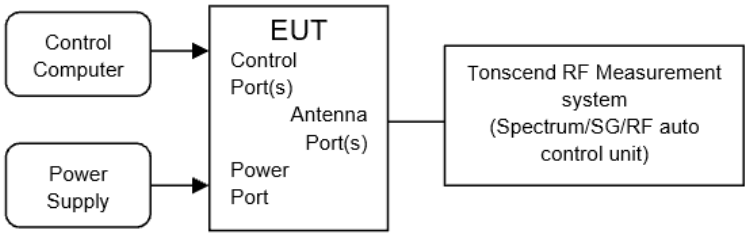


BLE_2M_Ant1_2478_1000~26500



10. Duty Cycle

10.1. Block diagram of test setup



10.2. Limit

Just for Report.

10.3. Test procedure

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.
set the Spectrum Analyzer as below:
Centre Frequency: The centre frequency of the middle hopping channel.
Resolution BW: 10 MHz.
Video BW: 10 MHz.
Span: Zero span.
Detector: Peak.
Trace Mode: Clear Write.
Sweep: Video Trigger

(2) When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.

(3) Calculate dwell time follow below formula:
Duty cycle= Pulse's on time / Burst cycle

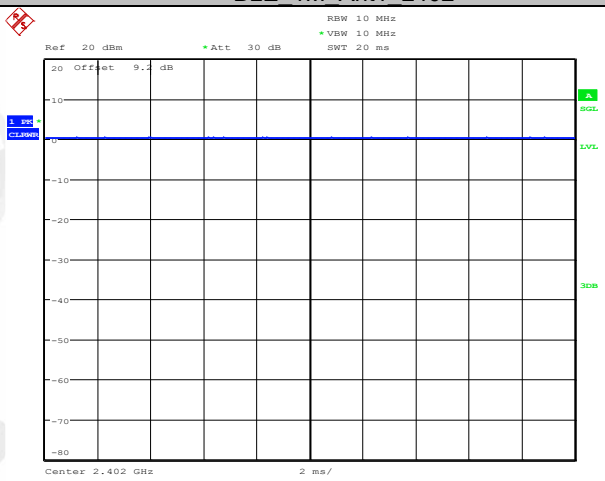
10.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement system 1#
Ambient Condition:	23.4-25.6℃,45.3-46.8%RH	Test Date:	2025.04.01-2025.04.16
Test Power Supply:	Battery	Sample Number:	S25031313-006

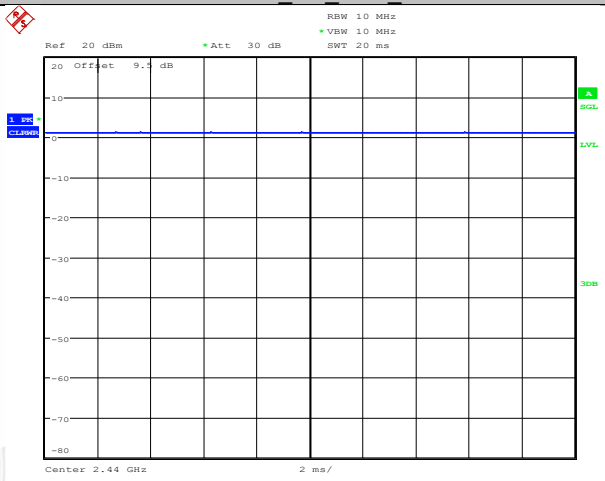
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.00	0.00	100	NaN
		2440	0.00	0.00	100	NaN
		2480	0.00	0.00	100	NaN
BLE_2M	Ant1	2404	0.00	0.00	100	NaN
		2440	0.00	0.00	100	NaN
		2478	0.00	0.00	100	NaN

10.5. Test graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



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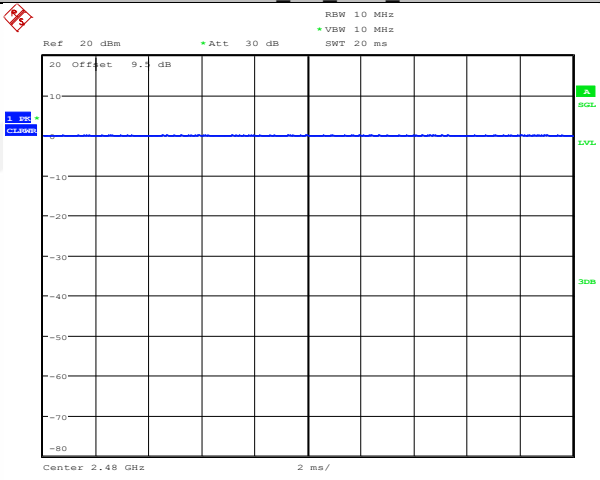

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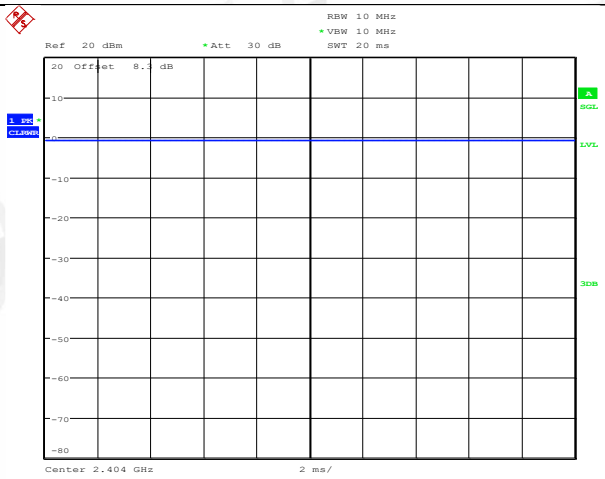

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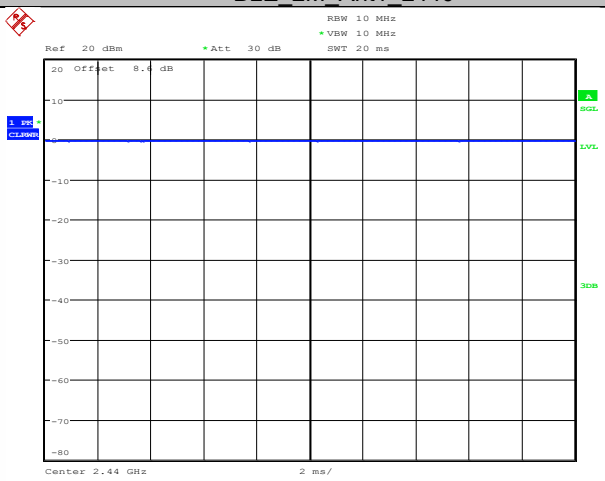

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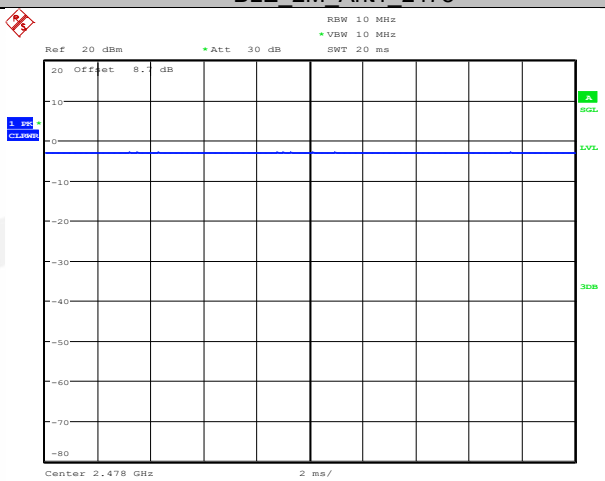


11. Antenna Requirements

11.1. Limit

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. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2. Result

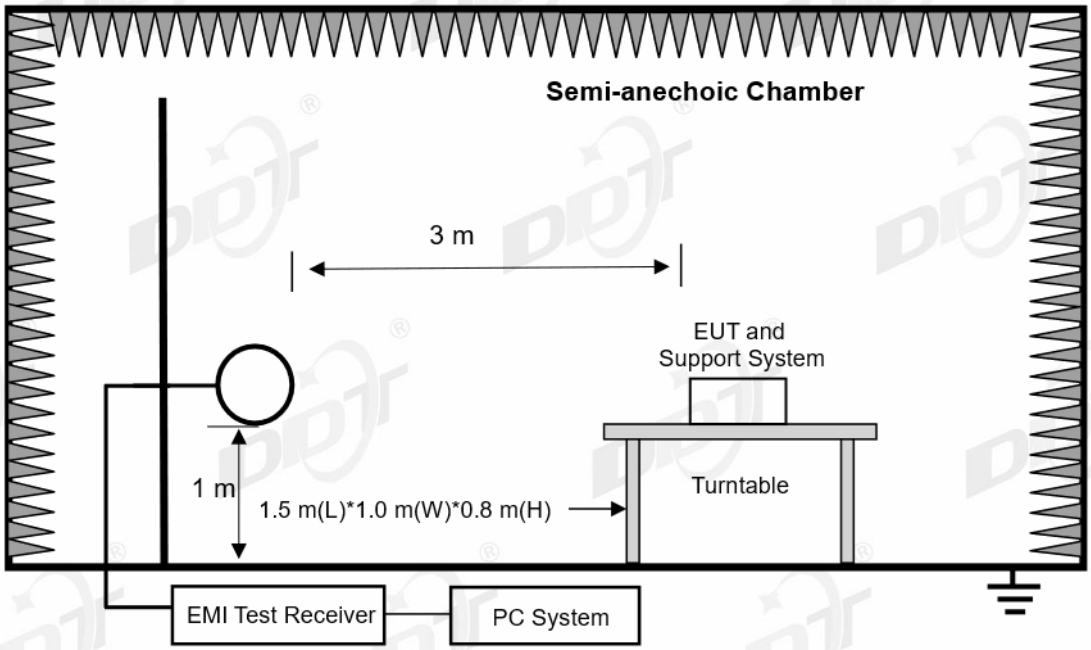
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

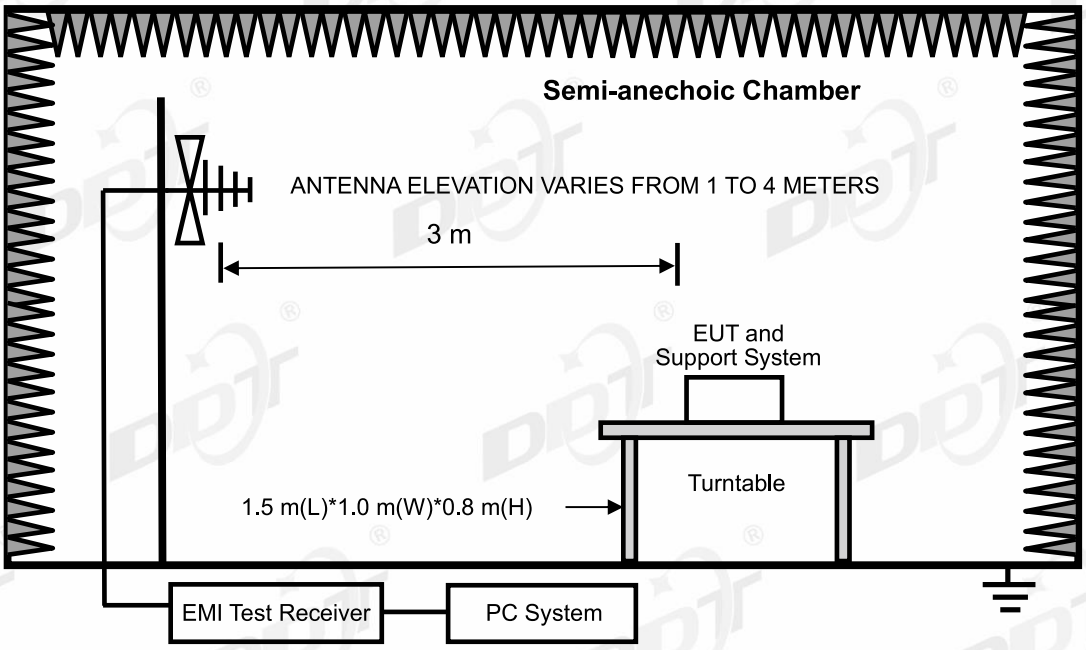
12. Radiated Emission

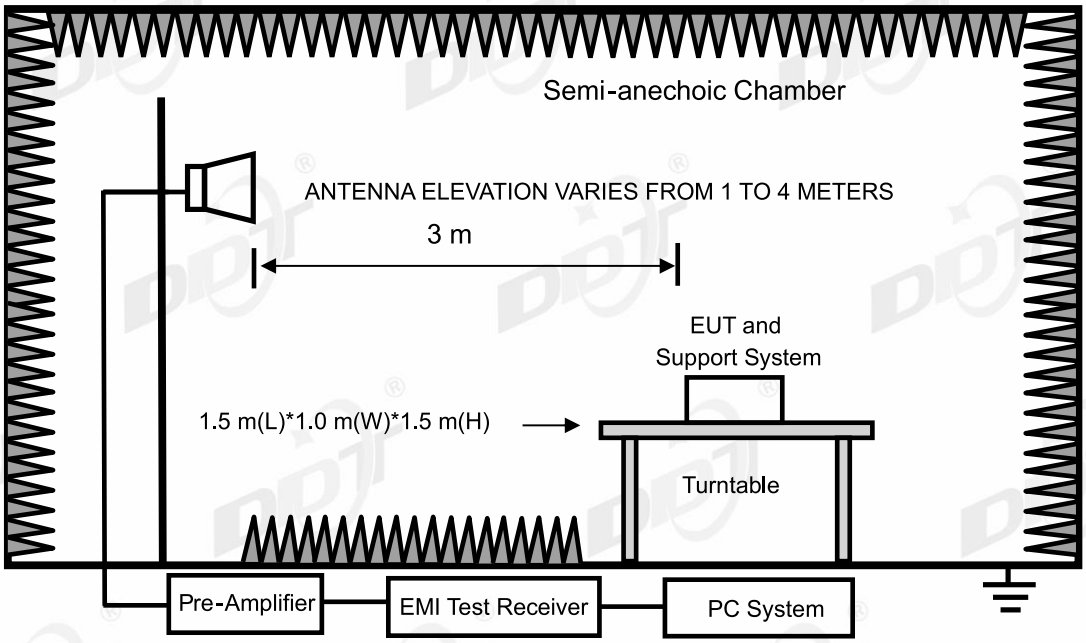
12.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/04/01
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28

12.2. Block diagram of test setup







12.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

1Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

2Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dBuV/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dBuV/m (Peak) 54.0 dBuV/m (Average)	

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$Limit_{3m}(dBuV/m) = Limit_{30m}(dBuV/m) + 40Log(30m/3m)$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits.

12.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

12.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.

(2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m

According ANSI C63.10:2013 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30MHz, the trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz,110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

(9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 25 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

(10) For 30 MHz ~ 25 GHz: (Scan with all mode, the worst case is reported)

(11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in worst mode.

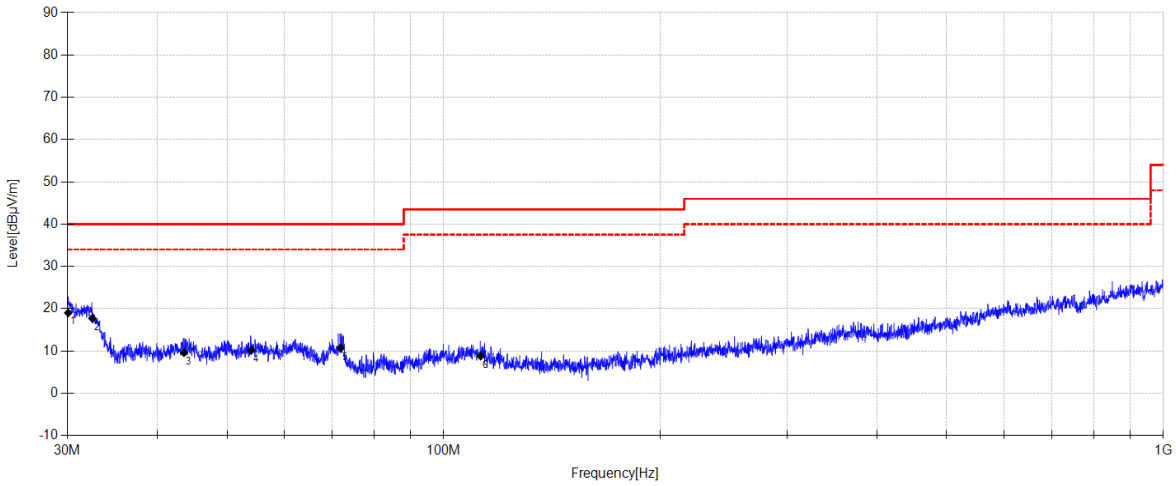
12.6. Test result

PASS. (See below detailed test result)

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	Battery
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Below 1G\20250410-200818_H		
Memo:	Sample Numble:S25031313-003		



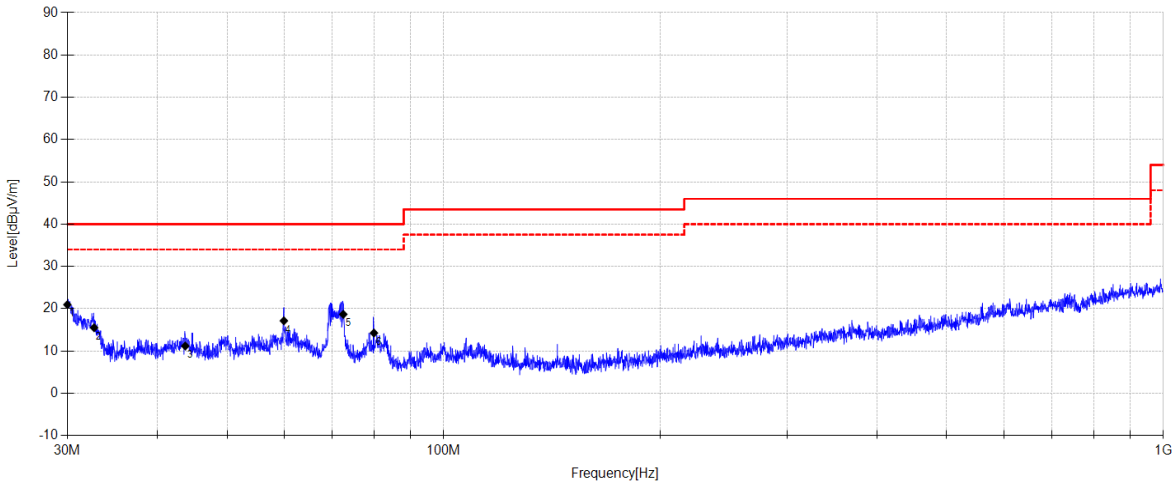
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	30.084	36.06	10.31	3.76	19.03	40.00	20.97	QP	Horizontal
2	32.496	34.55	10.50	3.77	17.72	40.00	22.28	QP	Horizontal
3	43.564	23.97	12.91	3.84	9.62	40.00	30.38	QP	Horizontal
4	54.027	25.04	12.31	3.91	10.16	40.00	29.84	QP	Horizontal
5	71.920	28.17	9.59	4.03	10.69	40.00	29.31	QP	Horizontal
6	112.574	24.16	11.47	4.29	8.81	43.50	34.69	QP	Horizontal

Note:
1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	Battery
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Below 1G\20250410-200847_V		
Memo:	Sample Numble:S25031313-003		



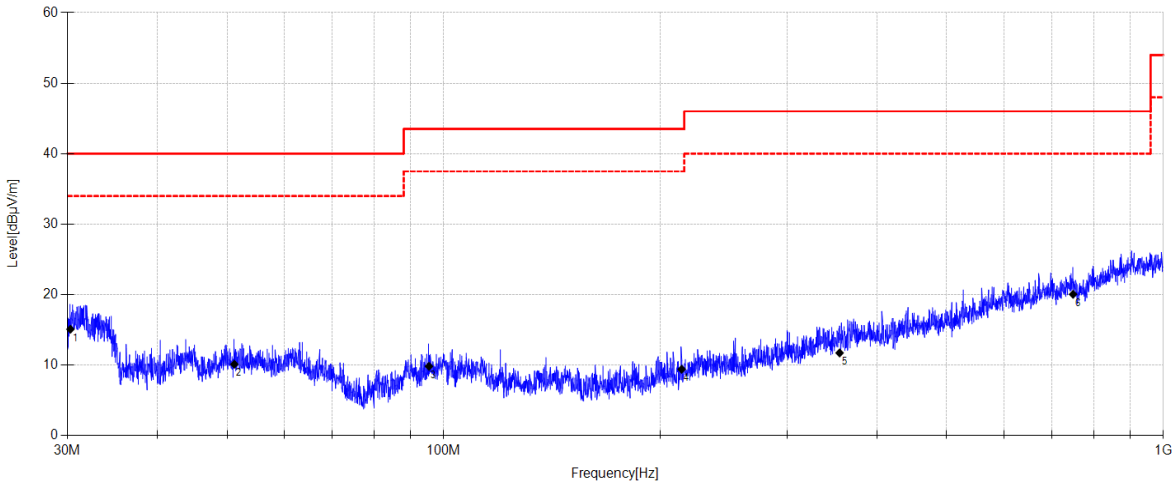
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	30.000	38.01	10.30	3.76	20.97	40.00	19.03	QP	Vertical
2	32.679	32.19	10.64	3.78	15.51	40.00	24.49	QP	Vertical
3	43.747	25.5	12.95	3.84	11.19	40.00	28.81	QP	Vertical
4	59.977	31.5	12.79	3.96	17.15	40.00	22.85	QP	Vertical
5	72.528	36.35	9.39	4.04	18.68	40.00	21.32	QP	Vertical
6	80.009	32.56	8.70	4.09	14.25	40.00	25.75	QP	Vertical

Note:
1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2402MHz Mode	**Power Supply**:	Battery
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Below 1G\20250419-005705_H		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



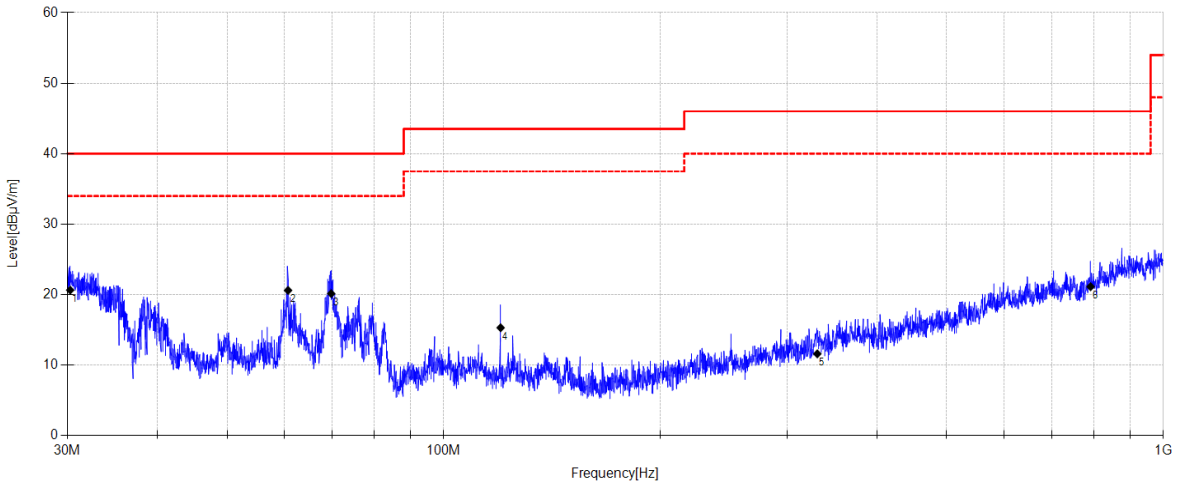
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	30.296	32.1	10.33	3.76	15.09	40.00	24.91	QP	Horizontal
2	51.187	25.08	12.25	3.89	10.12	40.00	29.88	QP	Horizontal
3	95.405	26.12	10.62	4.19	9.83	43.50	33.67	QP	Horizontal
4	214.129	25.15	10.67	4.82	9.41	43.50	34.09	QP	Horizontal
5	355.003	22.22	15.50	5.44	11.73	46.00	34.27	QP	Horizontal
6	749.100	24.42	20.08	6.82	20.05	46.00	25.95	QP	Horizontal

Note:
1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2402MHz Mode	**Power Supply**:	Battery
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Below 1G\20250419-005735_V		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



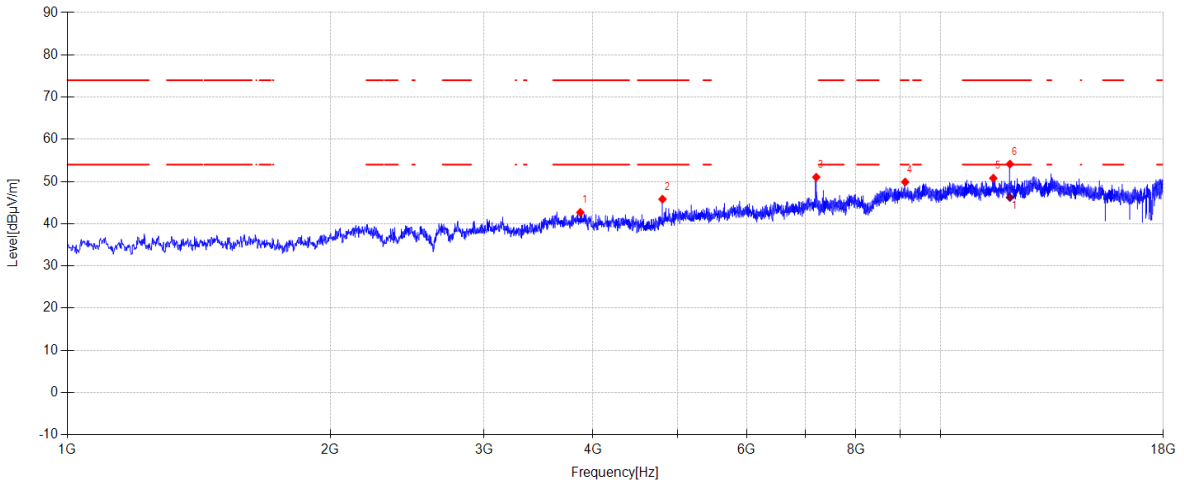
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	30.275	37.65	10.33	3.76	20.64	40.00	19.36	QP	Vertical
2	60.781	35.25	12.49	3.96	20.60	40.00	19.40	QP	Vertical
3	69.784	37.27	9.95	4.02	20.14	40.00	19.86	QP	Vertical
4	119.991	32.09	10.00	4.33	15.30	43.50	28.20	QP	Vertical
5	330.500	23.35	14.33	5.34	11.60	46.00	34.40	QP	Vertical
6	792.321	25.28	19.99	6.93	21.13	46.00	24.87	QP	Vertical

Note:
1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\6		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3867.900	46.25	31.01	5.07	-39.65	42.68	74.00	31.32	PK	Horizontal
2	4804.600	47.28	32.62	5.53	-39.62	45.81	74.00	28.19	PK	Horizontal
3	7206.700	48.48	36.80	6.55	-40.81	51.02	-	-	PK	Horizontal
4	9110.700	42.94	38.50	7.34	-38.89	49.89	74.00	24.11	PK	Horizontal
5	11495.800	42.64	39.20	8.44	-39.50	50.78	74.00	23.22	PK	Horizontal
6	12010.900	46.15	39.21	8.77	-40.00	54.13	74.00	19.87	PK	Horizontal

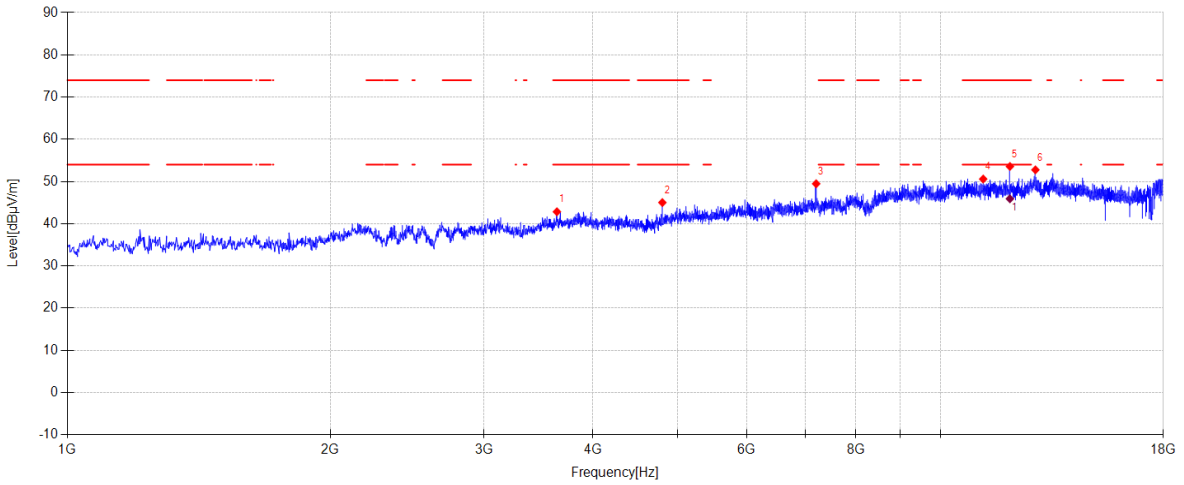
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	12011.230	38.24	39.21	8.77	46.22	54.00	7.78	AV	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\7		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3636.700	47.17	30.15	5.11	-39.59	42.84	74.00	31.16	PK	Vertical
2	4802.900	46.53	32.58	5.53	-39.62	45.02	74.00	28.98	PK	Vertical
3	7205.000	46.94	36.80	6.55	-40.82	49.47	-	-	PK	Vertical
4	11193.200	42.32	39.21	8.25	-39.19	50.59	74.00	23.41	PK	Vertical
5	12010.900	45.59	39.21	8.77	-40.00	53.57	74.00	20.43	PK	Vertical
6	12845.600	43.55	39.85	9.19	-39.83	52.76	-	-	PK	Vertical

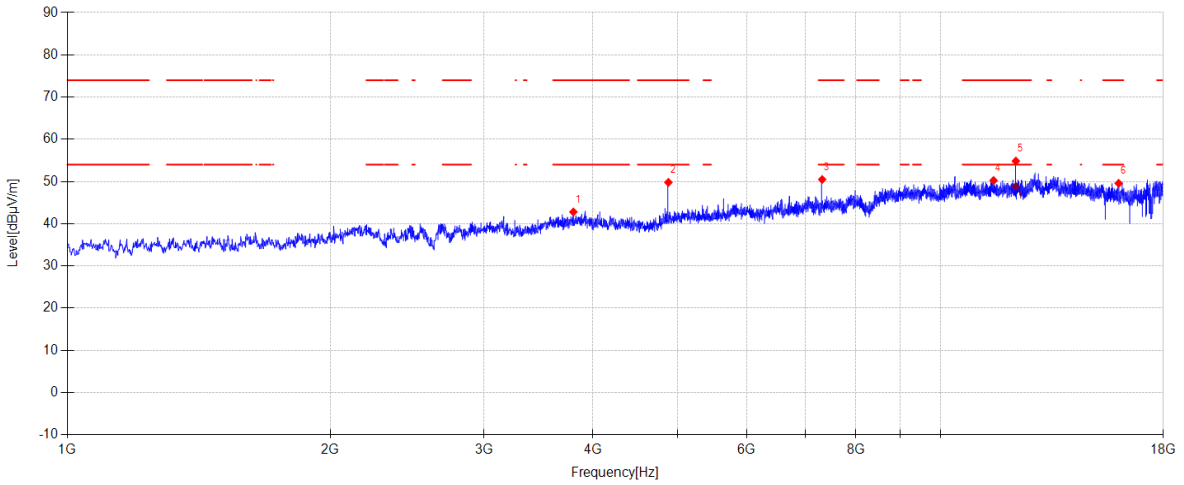
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	12009.000	37.93	39.21	8.77	45.91	54.00	8.09	AV	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2440MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\8		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3798.200	46.65	30.69	5.08	-39.63	42.79	74.00	31.21	PK	Horizontal
2	4879.400	50.49	33.33	5.58	-39.61	49.79	74.00	24.21	PK	Horizontal
3	7320.600	47.72	36.86	6.61	-40.71	50.48	74.00	23.52	PK	Horizontal
4	11504.300	42.10	39.19	8.45	-39.50	50.24	74.00	23.76	PK	Horizontal
5	12199.600	46.65	39.30	8.86	-39.96	54.85	74.00	19.15	PK	Horizontal
6	15999.100	40.82	38.00	10.15	-39.40	49.57	74.00	24.43	PK	Horizontal

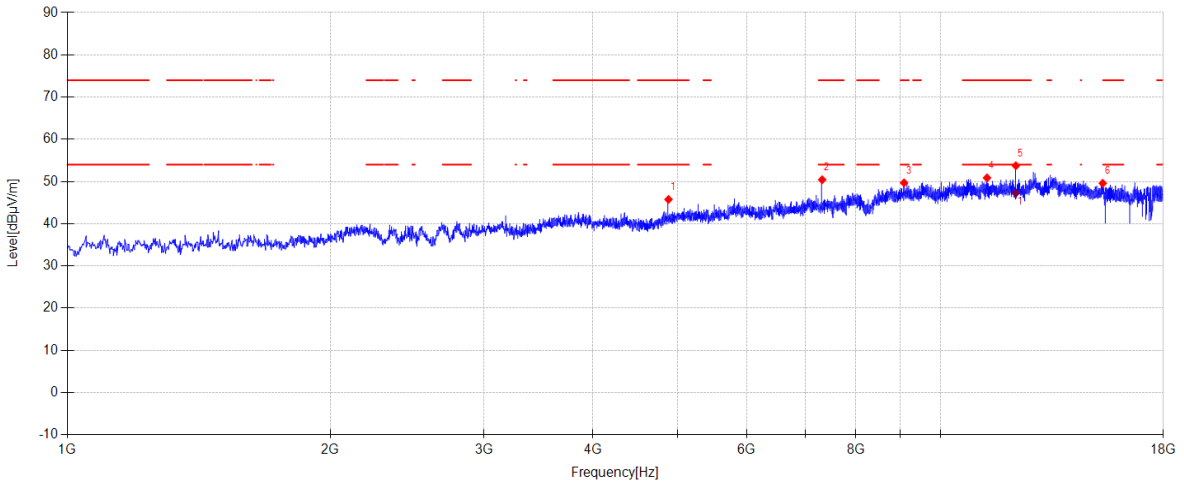
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	12201.130	40.63	39.30	8.86	48.83	54.00	5.17	AV	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2440MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\9		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4881.100	46.49	33.30	5.58	-39.61	45.76	74.00	28.24	PK	Vertical
2	7320.600	47.66	36.86	6.61	-40.71	50.42	74.00	23.58	PK	Vertical
3	9085.200	42.77	38.47	7.33	-38.87	49.70	74.00	24.30	PK	Vertical
4	11307.100	42.64	39.21	8.32	-39.31	50.86	74.00	23.14	PK	Vertical
5	12199.600	45.55	39.30	8.86	-39.96	53.75	74.00	20.25	PK	Vertical
6	15341.200	39.81	39.47	9.71	-39.40	49.59	-	-	PK	Vertical

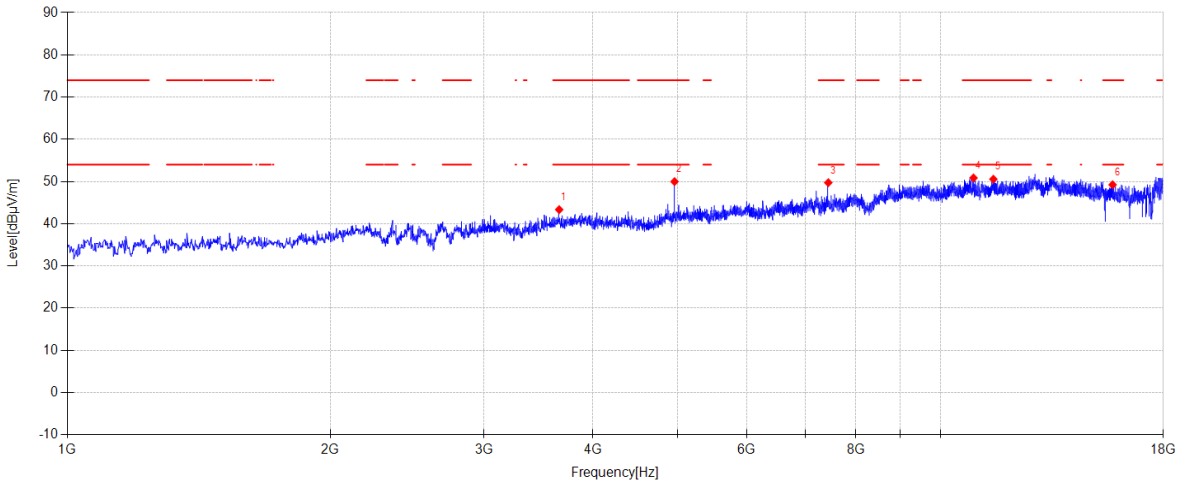
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	12199.600	39.05	39.30	8.86	47.25	54.00	6.75	AV	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\10		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



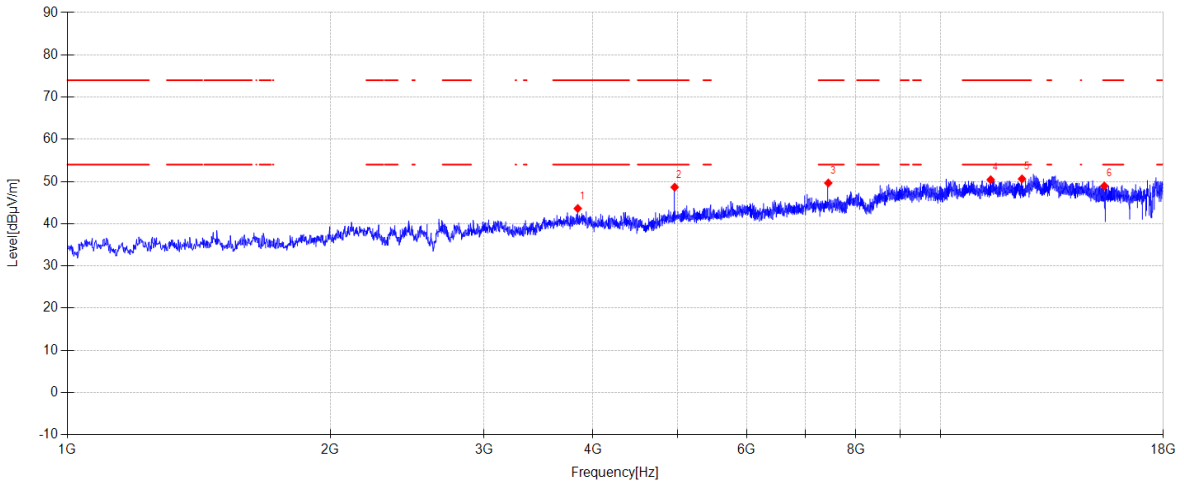
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3658.800	47.59	30.24	5.11	-39.60	43.34	74.00	30.66	PK	Horizontal
2	4959.300	50.83	33.12	5.63	-39.60	49.98	74.00	24.02	PK	Horizontal
3	7439.600	47.04	36.62	6.67	-40.60	49.73	74.00	24.27	PK	Horizontal
4	10911.000	42.51	39.30	8.09	-39.05	50.85	74.00	23.15	PK	Horizontal
5	11497.500	42.41	39.20	8.44	-39.50	50.55	74.00	23.45	PK	Horizontal
6	15745.800	40.23	38.41	9.98	-39.40	49.22	74.00	24.78	PK	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\11		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



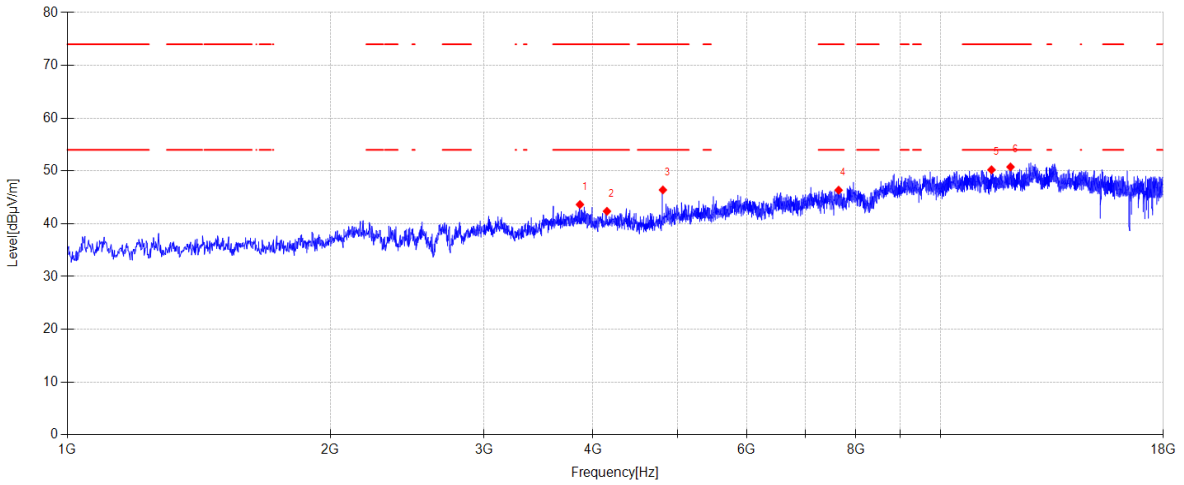
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3842.400	47.30	30.87	5.08	-39.64	43.61	74.00	30.39	PK	Vertical
2	4961.000	49.50	33.12	5.63	-39.60	48.65	74.00	25.35	PK	Vertical
3	7439.600	46.96	36.62	6.67	-40.60	49.65	74.00	24.35	PK	Vertical
4	11415.900	42.17	39.28	8.39	-39.42	50.42	74.00	23.58	PK	Vertical
5	12398.500	42.29	39.30	8.96	-39.92	50.63	74.00	23.37	PK	Vertical
6	15407.500	39.61	38.99	9.75	-39.40	48.95	74.00	25.05	PK	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2404MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\16		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



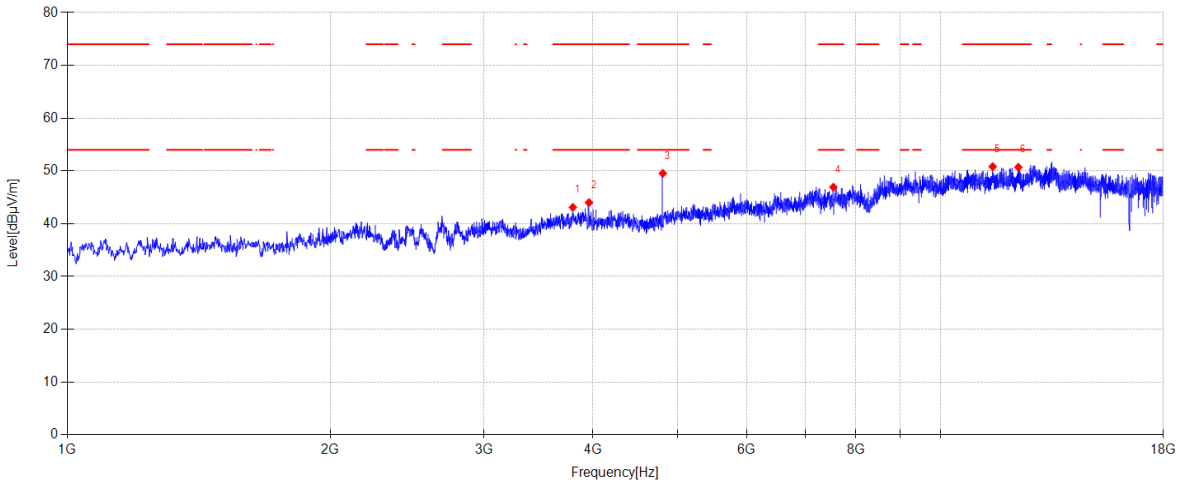
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3864.500	47.23	30.99	5.07	-39.65	43.64	74.00	30.36	PK	Horizontal
2	4150.100	45.69	31.20	5.14	-39.67	42.36	74.00	31.64	PK	Horizontal
3	4809.700	47.74	32.75	5.54	-39.62	46.41	74.00	27.59	PK	Horizontal
4	7645.300	43.41	36.59	6.78	-40.42	46.36	74.00	27.64	PK	Horizontal
5	11441.400	41.99	39.26	8.41	-39.44	50.22	74.00	23.78	PK	Horizontal
6	12029.600	42.74	39.23	8.78	-39.99	50.76	74.00	23.24	PK	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2404MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\17		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



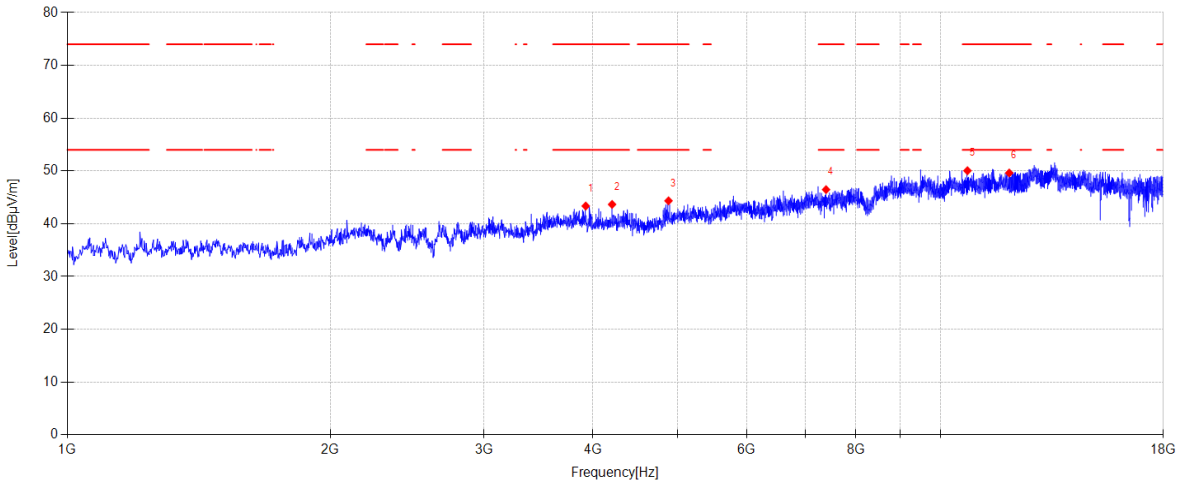
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3793.100	46.97	30.67	5.09	-39.63	43.10	74.00	30.90	PK	Vertical
2	3958.000	47.55	31.07	5.06	-39.67	44.01	74.00	29.99	PK	Vertical
3	4808.000	50.92	32.71	5.53	-39.62	49.54	74.00	24.46	PK	Vertical
4	7539.900	44.29	36.42	6.73	-40.51	46.93	74.00	27.07	PK	Vertical
5	11477.100	42.65	39.22	8.43	-39.48	50.82	74.00	23.18	PK	Vertical
6	12279.500	42.45	39.30	8.90	-39.94	50.71	74.00	23.29	PK	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2440MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\22		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



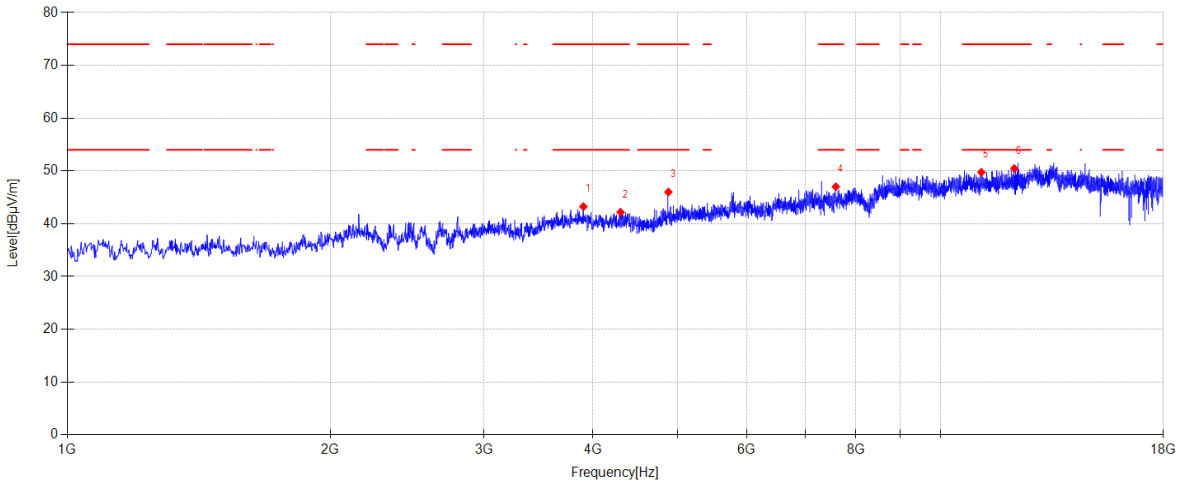
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3924.000	46.80	31.15	5.06	-39.66	43.35	74.00	30.65	PK	Horizontal
2	4206.200	46.93	31.22	5.17	-39.66	43.66	74.00	30.34	PK	Horizontal
3	4881.100	45.07	33.30	5.58	-39.61	44.34	74.00	29.66	PK	Horizontal
4	7395.400	43.75	36.71	6.65	-40.64	46.47	74.00	27.53	PK	Horizontal
5	10737.600	41.81	39.40	8.00	-39.16	50.05	74.00	23.95	PK	Horizontal
6	11988.800	41.69	39.17	8.75	-39.99	49.62	74.00	24.38	PK	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2440MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\23		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



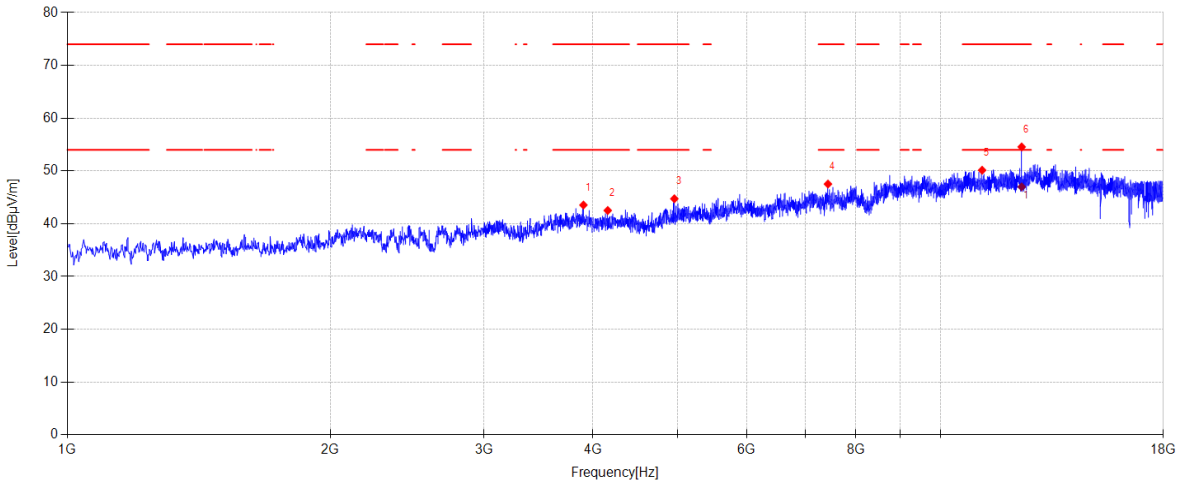
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3900.200	46.63	31.20	5.07	-39.66	43.24	74.00	30.76	PK	Vertical
2	4301.400	45.01	31.60	5.23	-39.66	42.18	74.00	31.82	PK	Vertical
3	4879.400	46.71	33.33	5.58	-39.61	46.01	74.00	27.99	PK	Vertical
4	7589.200	44.25	36.48	6.75	-40.47	47.01	74.00	26.99	PK	Vertical
5	11137.100	41.41	39.26	8.22	-39.14	49.75	74.00	24.25	PK	Vertical
6	12148.600	42.29	39.30	8.84	-39.97	50.46	74.00	23.54	PK	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2478MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\20		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3900.200	46.93	31.20	5.07	-39.66	43.54	74.00	30.46	PK	Horizontal
2	4158.600	45.83	31.20	5.15	-39.67	42.51	74.00	31.49	PK	Horizontal
3	4957.600	45.59	33.12	5.62	-39.60	44.73	74.00	29.27	PK	Horizontal
4	7432.800	44.83	36.63	6.67	-40.61	47.52	74.00	26.48	PK	Horizontal
5	11162.600	41.83	39.24	8.23	-39.16	50.14	74.00	23.86	PK	Horizontal
6	12388.300	46.22	39.30	8.96	-39.92	54.56	74.00	19.44	PK	Horizontal

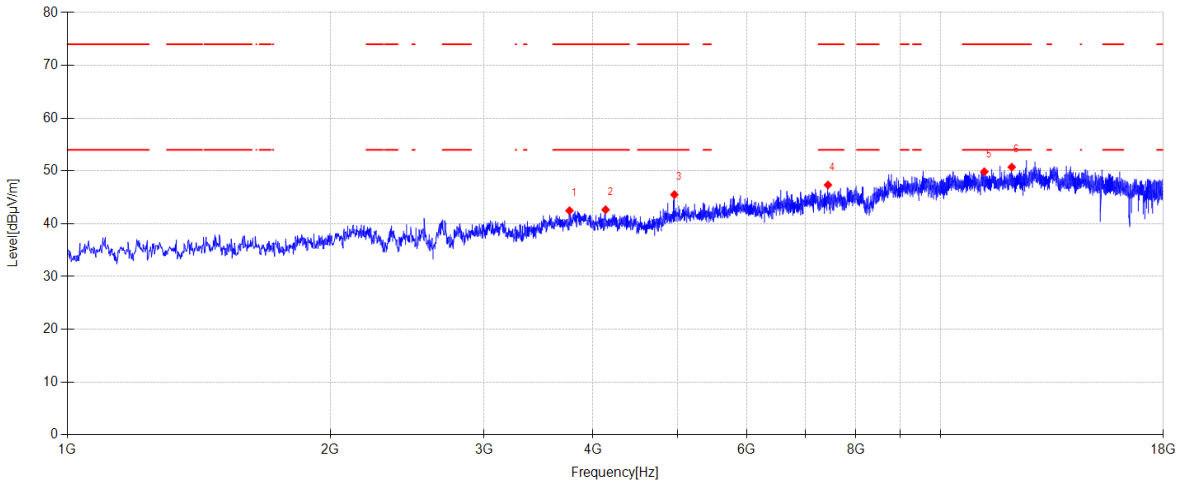
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	12387.890	38.64	39.30	8.96	46.98	54.00	7.02	AV	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2478MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\21		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3759.100	46.46	30.54	5.09	-39.62	42.47	74.00	31.53	PK	Vertical
2	4134.800	46.02	31.17	5.13	-39.67	42.65	74.00	31.35	PK	Vertical
3	4957.600	46.38	33.12	5.62	-39.60	45.52	74.00	28.48	PK	Vertical
4	7432.800	44.66	36.63	6.67	-40.61	47.35	74.00	26.65	PK	Vertical
5	11225.500	41.62	39.20	8.27	-39.23	49.86	74.00	24.14	PK	Vertical
6	12068.700	42.65	39.27	8.80	-39.99	50.73	74.00	23.27	PK	Vertical

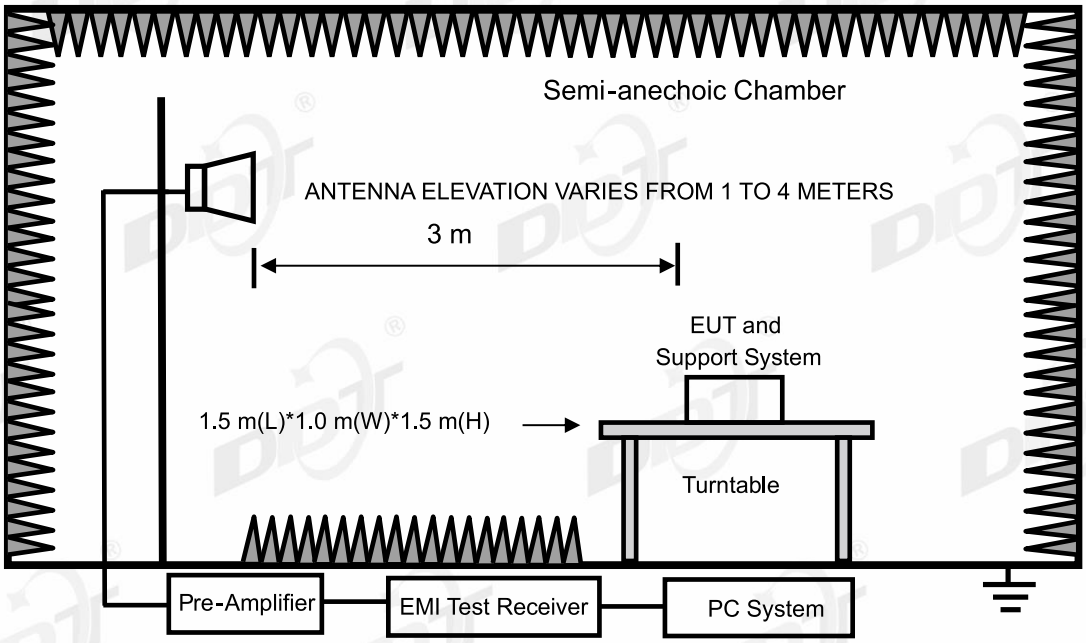
Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/04/01
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209, other emission should be at least 20 dB below the fundamental.

13.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

13.5. Test procedure

Same with Radiated Emission except change investigated frequency range.

Remark: All restriction band have been tested, and only the worst case is shown in report.

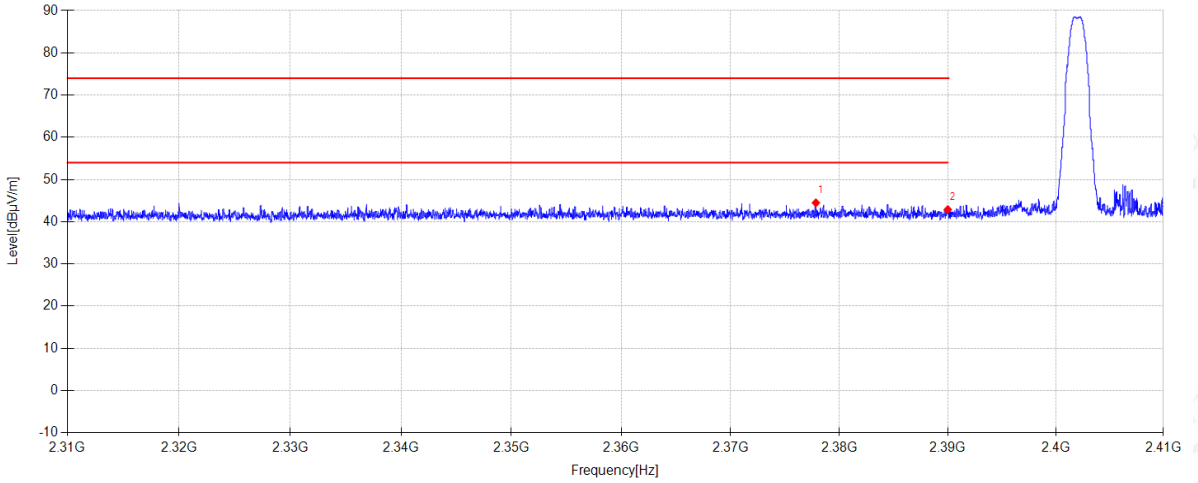
13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\12		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		

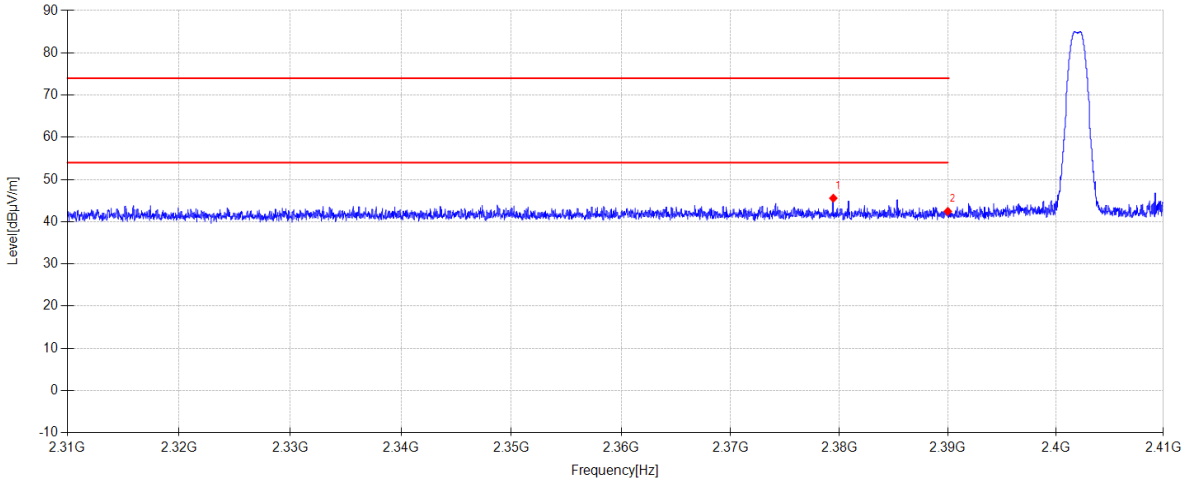


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2377.840	13.71	27.21	3.56	0.00	44.48	74.00	29.52	PK	Horizontal
2	2390.000	12.05	27.26	3.57	0.00	42.88	74.00	31.12	PK	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\13		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		

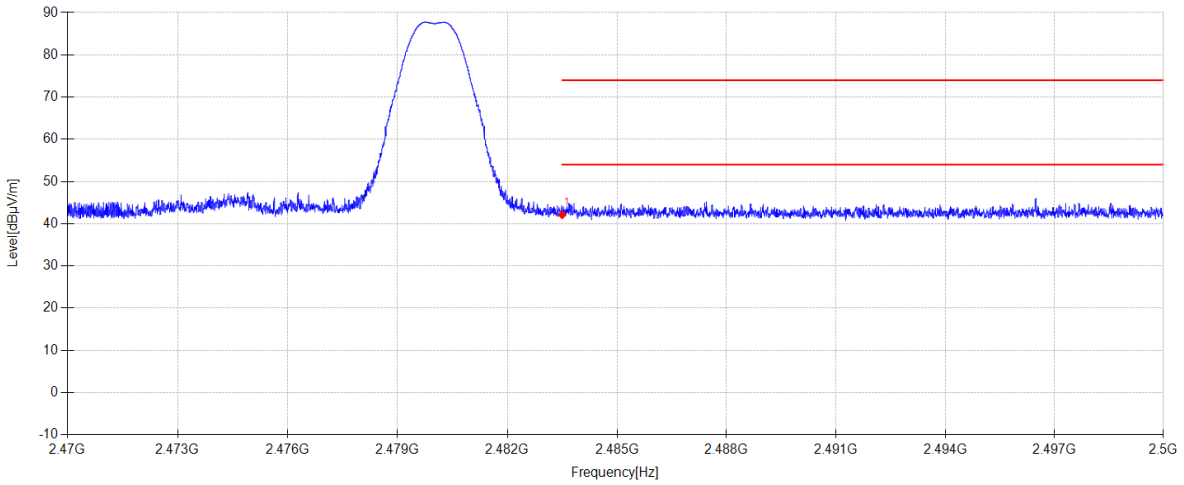


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2379.440	14.79	27.22	3.56	0.00	45.57	74.00	28.43	PK	Vertical
2	2390.000	11.62	27.26	3.57	0.00	42.45	74.00	31.55	PK	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\14		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		

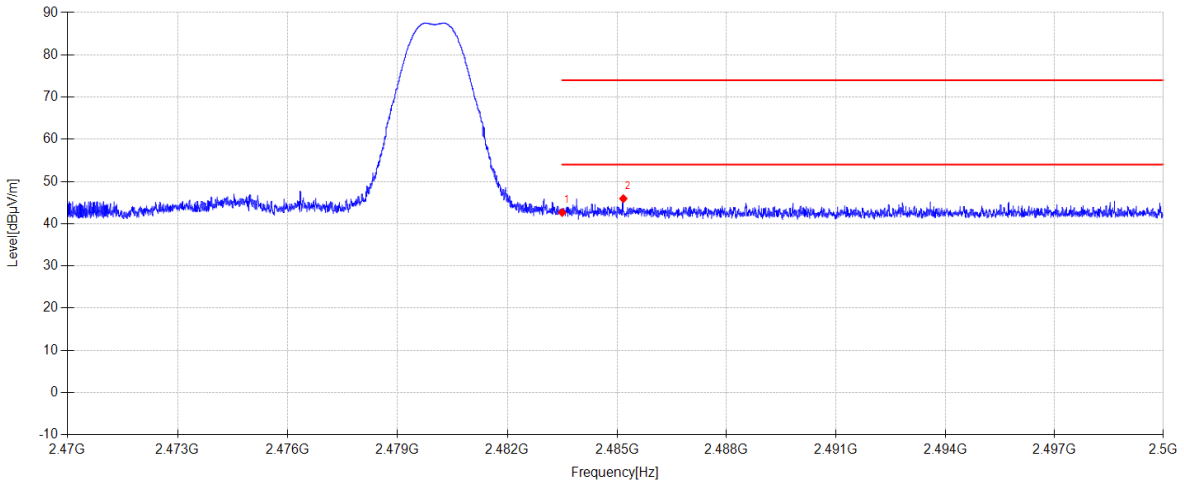


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2483.500	10.96	27.53	3.62	0.00	42.11	74.00	31.89	PK	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-10	**Tested By**:	Lin Guoyaun
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE1M 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\15		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		

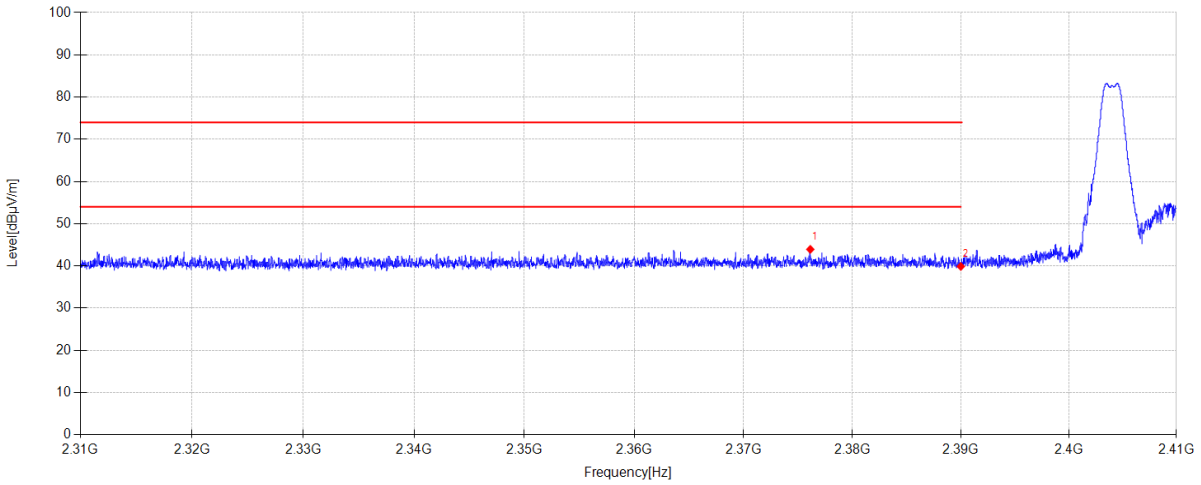


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2483.500	11.51	27.53	3.62	0.00	42.66	74.00	31.34	PK	Vertical
2	2485.174	14.78	27.54	3.62	0.00	45.94	74.00	28.06	PK	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2404MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\24		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



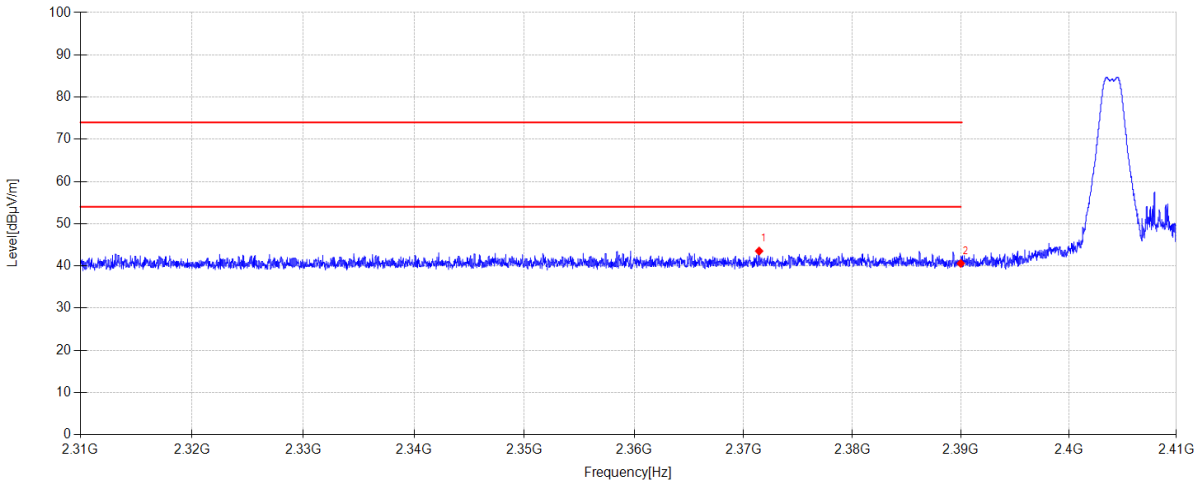
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2376.130	13.17	27.20	3.56	0.00	43.93	74.00	30.07	PK	Horizontal
2	2390.000	9.05	27.26	3.57	0.00	39.88	74.00	34.12	PK	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2404MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\25		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		

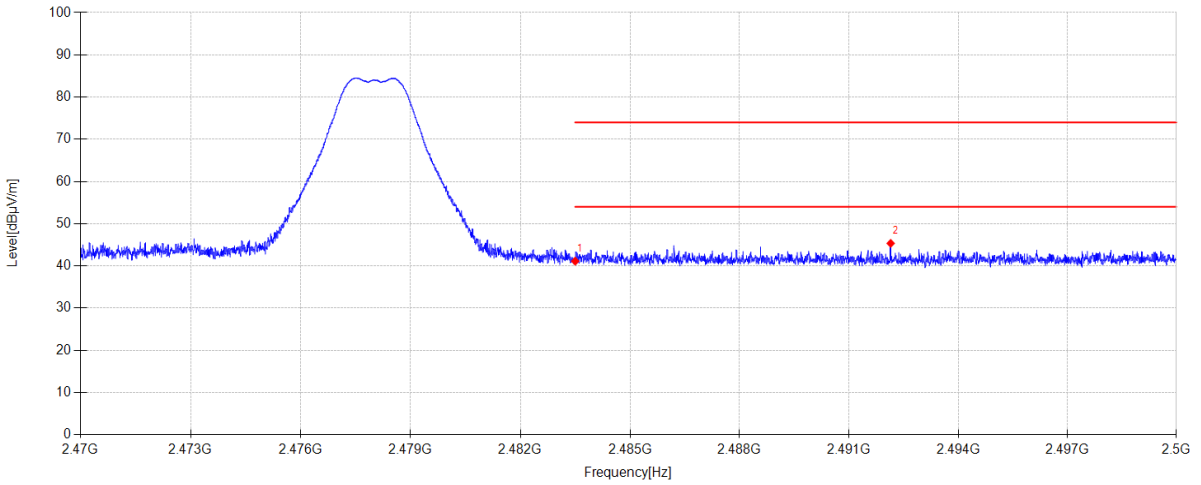


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2371.430	12.77	27.19	3.56	0.00	43.52	74.00	30.48	PK	Vertical
2	2390.000	9.75	27.26	3.57	0.00	40.58	74.00	33.42	PK	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2478MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\18		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		

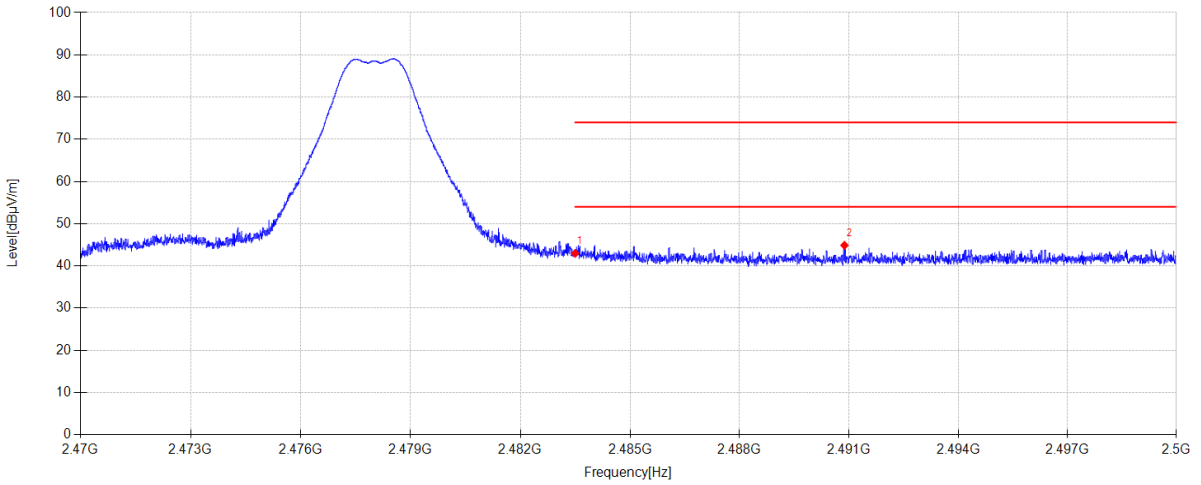


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2483.500	9.99	27.53	3.62	0.00	41.14	74.00	32.86	PK	Horizontal
2	2492.146	14.15	27.57	3.63	0.00	45.35	74.00	28.65	PK	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-04-19	**Tested By**:	Nan Zhong
EUT:	CLICK V2	**Model Number**:	Z007
Test Mode:	TX BLE2M 2478MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.6°C;Humi:48.0%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25031313-1E\FCC Above 1G BLE\19		
Memo:	Sample Numble:S25031313-003 Power Setting:NA		



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2483.500	11.81	27.53	3.62	0.00	42.96	74.00	31.04	PK	Vertical
2	2490.877	13.71	27.56	3.62	0.00	44.89	74.00	29.11	PK	Vertical

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Photos of the EUT

Please refer to DDT-Q25031313-2E appendix Ⅰ

----------End Report----------