Prüfbericht-Nr.: *Test report no.:*	**CN25SKZB 001**	**Auftrags-Nr.:** *Order no.:*	168587872	Seite 1 von 28 *Page 1 of 28*
Kunden-Referenz-Nr.: *Client reference no.:*	N/A	**Auftragsdatum:** *Order date:*	2025-12-08	
Auftraggeber: *Client:*	**Edifier International Limited** P.O. Box 6264 General Post Office, Hong Kong			
Prüfgegenstand: *Test item:*	USB-Powered Speaker			
Bezeichnung / Typ-Nr.: *Identification / Type no.:*	EDF100110, R20BT （Trademark: EDIFIER）			
Auftrags-Inhalt: *Order content:*	Type test			
Prüfgrundlage: *Test specification:*	EN 62479:2010 EN 300 328 V2.2.2 (2019-07)		BS EN 62479:2010 ETSI EN 300 328 V2.2.2 (2019-07)	

Wareneingangsdatum: *Date of sample receipt:*	2025-11-21
Prüfmuster-Nr.: *Test sample no.:*	S25103018
Prüfzeitraum: *Testing period:*	2025-11-21 - 2025-12-05
Ort der Prüfung: *Place of testing:*	Guangdong Dongdian Testing Service Co.,Ltd.
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.
Prüfergebnis*: *Test result*:*	Pass



geprüft von: *tested by:*	x Signed by: Harry W. C. Wu	**genehmigt von:** *authorized by:*	x Signed by: Alex Lan
Datum: *Date:* 2026-02-02		**Ausstellungsdatum:** *Issue date:* 2026-02-02	
Stellung / Position	Project Manager	**Stellung** / Position	Authorizer

Sonstiges / *Other:*

This report is for Article 3.2 Radio Spectrum and Article 3.1a Health requirements.

Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery:*	Prüfmuster vollständig und unbeschädigt *Test item complete and undamaged:*

* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
** Legend:*	*P(ass) = passed a.m. test specification(s)*	*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.

This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.

Anmerkungen
Remarks

1	The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request. *Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.* *Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.*
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3	Test clauses with remark of * are subcontracted to qualified subcontractors and descripted under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report. *Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.*
4	The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the “Zero Guard Band Rule” and “Simple Acceptance” in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019. *Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnisen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezueglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.*

Test Summary

5.1.1 RF OUTPUT POWER
RESULT: Pass

5.1.2 POWER SPECTRAL DENSITY
RESULT: Pass

5.1.3 DUTY CYCLE, TX-SEQUENCE, TX-GAP
RESULT: Not applicable

5.1.4 ACCUMULATED TRANSMIT TIME, FREQUENCY OCCUPATION AND HOPPING SEQUENCE
RESULT: Pass

5.1.5 HOPPING FREQUENCY SEPARATION
RESULT: Pass

5.1.6 MEDIUM UTILISATION (MU) FACTOR
RESULT: Not applicable

5.1.7 ADAPTIVITY
RESULT: Not applicable

5.1.8 OCCUPIED CHANNEL BANDWIDTH
RESULT: Pass

5.1.9 TRANSMITTER UNWANTED EMISSIONS IN THE OUT-OF-BAND DOMAIN
RESULT: Pass

5.1.10 TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN
RESULT: Pass

5.2.1 RECEIVER SPURIOUS EMISSIONS
RESULT: Pass

5.2.2 RECEIVER BLOCKING
RESULT: Pass

5.2.3 GEO-LOCATION CAPABILITY
RESULT: Not applicable

6.1.1 ELECTROMAGNETIC FIELDS
RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:
Appendix A: Test Results of Classic Bluetooth.
Appendix B: Test Results of Bluetooth Low Energy.

2 Test Sites

2.1 Test Facilities

Guangdong Dongdian Testing Service Co.,Ltd.
Unit 2, Building 1, No.17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

CNAS No.: L6451

The tests at the test sites have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Equipment	Manufacturer	Model No.	Serial Number	Due Date
☒ RF Connected Test (RF Measurement System 1#)				
SIGNAL ANALYZER	R&S	FSV40	101407	2026/07/06
Wideband Radio Communication Tester	R&S	CMW500	117491	2026/03/28
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY62153058	2026/07/06
MXG Vector Signal Generator	Agilent	N5182A	MY48180912	2026/03/28
RF Control Unit	Tonscend	JS0806-2	20C8060230	2026/03/28
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2026/03/28
Test Software	Tonscend	JS1120-3	V3.6.21	N/A

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

2.3 Uncertainty of Measurement

The value of the measurement uncertainty of each parameter is listed as below:

Table 2: Maximum 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 General Product Information

3.1 Product Function and Intended Use

The EUT is a USB-Powered Speaker with Bluetooth Dual technology, and used for audio entertainment in house or similar environment.
The models EDF100110, R20BT are identical in electrical circuit design and PCB layout.The only difference is model number for marketing use only.
Manufacturer: Beijing Edifier Technology Co., Ltd.
Address: 815, Floor 8, Shuangqiao Building, No.68, North Fourth Ring West Road, Haidian District, 100080 Beijing, P.R. China

Factory: Dongguan Edifier Technology Co., Ltd.
Address: No.2 Gongyedong Road, Songshan Lake Sci.&Tech. Industry Park, Dongguan, 523808 Guangdong, P.R. China
For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	USB-Powered Speaker
Type Designation	EDF100110, R20BT
Trade Mark	EDIFIER
Extreme Temperature Range	0°C - +35°C
Operating Voltage	DC 5V, 1A
Technical Specification of Bluetooth (BDR & EDR)	
Operating Frequency Channel	2402 – 2480 MHz
Channel Number	79 channels
Channel separation	1MHz
Modulation	GFSK, π/4DQPSK
Antenna Type	PCB Layout antenna
Antenna Gain	2.59 dBi (Provide by the Client)
Technical Specification of Bluetooth (Bluetooth Low Energy)	
Operating Frequency Channel	2402 – 2480 MHz for data rate 1Mbps 2404 – 2478 MHz for data rate 2Mbps
Data rate	1Mbps, 2Mbps
Channel Number	40 channels for data rate 1Mbps 37 channels for data rate 2Mbps Note: 2402/2426/2480MHz will be disabled by the software for BLE 2Mbps.
Channel separation	2MHz
Modulation	GFSK
Antenna Type	PCB Layout antenna
Antenna Gain	2.59 dBi (Provide by the Client)

Table 4: RF Channel and Frequency of Classical Bluetooth

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	**2402.00**	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00
4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	**78**	**2480.00**
19	2421.00	**39**	**2441.00**	59	2461.00		

Table 5: RF Channel and Frequency of Bluetooth Low Energy

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
00	**2402.00**	10	2422.00	20	2442.00	30	2462.00
01	2404.00	11	2424.00	21	2444.00	31	2464.00
02	2406.00	12	2426.00	22	2446.00	32	2466.00
03	2408.00	13	2428.00	23	2448.00	33	2468.00
04	2410.00	14	2430.00	24	2450.00	34	2470.00
05	2412.00	15	2432.00	25	2452.00	35	2472.00
06	2414.00	16	2434.00	26	2454.00	36	2474.00
07	2416.00	17	2436.00	27	2456.00	37	2476.00
08	2418.00	18	2438.00	28	2458.00	38	2478.00
09	2420.00	**19**	**2440.00**	29	2460.00	**39**	**2480.00**

3.3 Independent Operation Modes

The basic operation modes are:

A. On, Bluetooth mode (BDR & EDR & BLE)
   1. Transmitting mode
      a. Low channel
      b. Middle channel
      c. High channel
   2. Receiving mode
      a. Low channel
      d. Middle channel
      b. High channel

B. On, Bluetooth playing

C. Off

3.4 Noise Generating and Noise Suppressing Parts

For details refer to the Circuit Diagram.

3.5 Submitted Documents

- Block Diagram
- Schematics
- User Manual
- Rating Label

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5 and chapter 7.

According to clause 3.1, all test were applied on model EDF100110.

4.3 Special Accessories and Auxiliary Equipment

Table 6: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
Notebook	Lenovo	ThinkPad X2502	2014AP6082

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

5 Test Results ERM

5.1 Transmitter Requirement & Test Suites

5.1.1 RF Output Power

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.2 of EN 300 328 Clause 4.3.2.2 of EN 300 328
Limit	:	Clause 4.3.1.2.3 of EN 300 328 Clause 4.3.2.2.3 of EN 300 328
Test suites	:	Clause 5.4.2 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal and extreme temperature
Operation mode	:	A.1
Ambient temperature	:	25.4 ℃
Relative humidity	:	48.7 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A & B.

5.1.2 Power Spectral Density

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.2.3 of EN 300 328
Limit	:	Clause 4.3.2.3.3 of EN 300 328
Test suites	:	Clause 5.4.3 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.1
Ambient temperature	:	25.4 ℃
Relative humidity	:	48.7 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix B.

5.1.3 Duty Cycle, TX-sequence, TX-gap

RESULT: **Not applicable**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.3 of EN 300 328
Limit	:	Clause 4.3.1.3.3 of EN 300 328
Test suites	:	Clause 5.4.2 of EN 300 328

Exemption Condition(s):

☒ These requirements apply to non-adaptive equipment or to adaptive equipment when operating in non-adaptive mode. The equipment is using wide band modulations other than FHSS.

Conclusion:

The EUT is adaptive equipment and does not support non-adaptive mode, hence this requirement is not applicable.

5.1.4 Accumulated Transmit Time, Frequency Occupation and Hopping Sequence

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.4 of EN 300 328
Limit	:	Clause 4.3.1.4.3 of EN 300 328
Test suites	:	Clause 5.4.4 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.1
Ambient temperature	:	25.4 ℃
Relative humidity	:	48.7 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.1.5 Hopping Frequency Separation

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.5 of EN 300 328
Limit	:	Clause 4.3.1.5.3 of EN 300 328
Test suites	:	Clause 5.4.5 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.1
Ambient temperature	:	25.4 ℃
Relative humidity	:	48.7 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.1.6 Medium Utilisation (MU) Factor

RESULT: **Not applicable**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.6 of EN 300 328
		Clause 4.3.2.5 of EN 300 328
Limit	:	Clause 4.3.1.6.3 of EN 300 328
		Clause 4.3.2.5.3 of EN 300 328
Test suites	:	Clause 5.4.2 of EN 300 328

Exemption Condition(s):
☒ These requirements apply to non-adaptive equipment or to adaptive equipment when operating in non-adaptive mode. The equipment is using wide band modulations other than FHSS.

Conclusion:
The EUT is adaptive equipment and does not support non-adaptive mode, hence this requirement is not applicable.

5.1.7 Adaptivity

RESULT: **Not applicable**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.7.2 of EN 300 328
		Clause 4.3.2.6.3 of EN 300 328
Limit	:	Clause 4.3.1.7.2.2 of EN 300 328
		Clause 4.3.2.6.3.2 of EN 300 328
Test suites	:	Clause 5.4.6 of EN 300 328

Exemption Conditions:

☒ These requirements do not apply for equipment with a maximum declared RF Output power of less than 10 dBm e.i.r.p. or for equipment when operating in a mode where the RF Output power is less than 10 dBm e.i.r.p.

Conclusion:

The maximum declared RF output power is less than 10dBm e.i.r.p., hence this requirement is not applicable.

5.1.8 Occupied Channel Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.8 of EN 300 328
		Clause 4.3.2.7 of EN 300 328
Limit	:	Clause 4.3.1.8.3 of EN 300 328
		Clause 4.3.2.7.3 of EN 300 328
Test suites	:	Clause 5.4.7 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.1
Ambient temperature	:	25.4 ℃
Relative humidity	:	48.7 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A & B.

5.1.9 Transmitter Unwanted Emissions in the Out-of-band Domain

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.9 of EN 300 328
		Clause 4.3.2.8 of EN 300 328
Limit	:	Clause 4.3.1.9.3 of EN 300 328
		Clause 4.3.2.8.3 of EN 300 328
Test suites	:	Clause 5.4.8 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.1
Ambient temperature	:	25.4 ℃
Relative humidity	:	48.7 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A & B.

5.1.10 Transmitter Unwanted Emissions in the Spurious Domain

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.10 of EN 300 328
		Clause 4.3.2.9 of EN 300 328
Limit	:	Clause 4.3.1.10.3 of EN 300 328
		Clause 4.3.2.9.3 of EN 300 328
Test suites	:	Clause 5.4.9 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.1
Ambient temperature	:	Refer to test data
Relative humidity	:	Refer to test data
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A & B

5.2 Receiver Requirement & Test Suites

5.2.1 Receiver Spurious Emissions

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.11 of EN 300 328 Clause 4.3.2.10 of EN 300 328
Limit	:	Clause 4.3.1.11.3 of EN 300 328 Clause 4.3.2.10.3 of EN 300 328
Test suites	:	Clause 5.4.10 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.2
Ambient temperature	:	Refer to test data
Relative humidity	:	Refer to test data
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A & B.

5.2.2 Receiver Blocking

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.12 of EN 300 328
		Clause 4.3.2.11 of EN 300 328
Limit	:	Clause 4.3.1.12.4 of EN 300 328
		Clause 4.3.2.11.3 of EN 300 328
Test suites	:	Clause 5.4.11 of EN 300 328

Test Setup

Date of testing	:	2025-11-21 to 2025-12-05
Test voltage	:	AC230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.2
Ambient temperature	:	25.4 ℃
Relative humidity	:	48.7 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A & B.

For Bluetooth-BDR: the maximum RF output power is 9.93dBm.
For Bluetooth-EDR: the maximum RF output power is 9.02dBm.
For Bluetooth-BLE: the maximum RF output power is 9.45dBm.

Hence according to the 4.2.3.2, the Bluetooth-BDR/EDR and Bluetooth-BLE of EUT is belong category 2 receiver.

5.2.3 Geo-location Capability

RESULT: **Not applicable**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.13 of EN 300 328 Clause 4.3.2.12 of EN 300 328

Exemption Conditions:
This requirement only applies to equipment with geo-location capability as defined in clause 4.3.1.13.2 and 4.3.2.12.2.

Conclusion:

The EUT is adaptive equipment and does not support geo-location capability, hence this requirement is not applicable.

6 Safety Human Exposure

6.1 Human Exposure to Electromagnetic Fields 10MHz-300GHz

6.1.1 Electromagnetic Fields

RESULT: **Pass**

Test Specification

Test standard : EN 62479: 2010

The maximum measured peak power of EUT is only 9.93 dBm (9.840mW).

According to EN 62479:2010 clause 4.2, if the average total radiated power emitted by apparatus operating in the frequency range 10MHz-300GHz is less than or equal to 13.01dBm(20mW), then the apparatus is deemed to comply with the basic restrictions without testing.

7 Photographs of the Test Set-Up

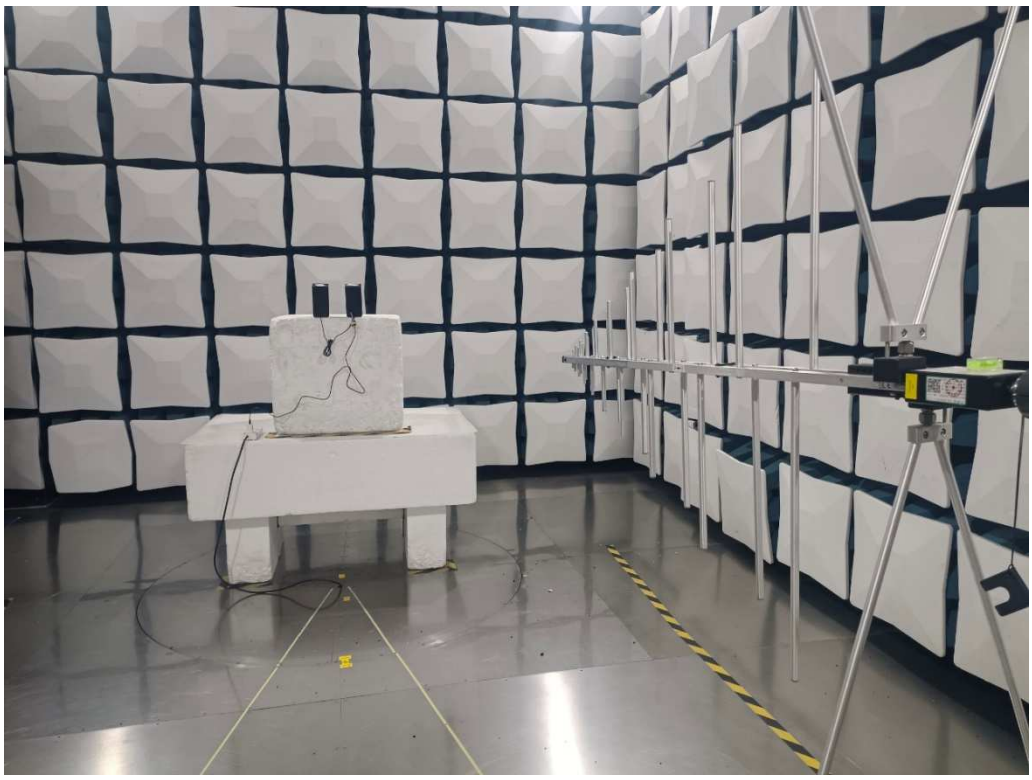
Photograph 1: Set-up for Radio Spectrum Testing, Normal temperature



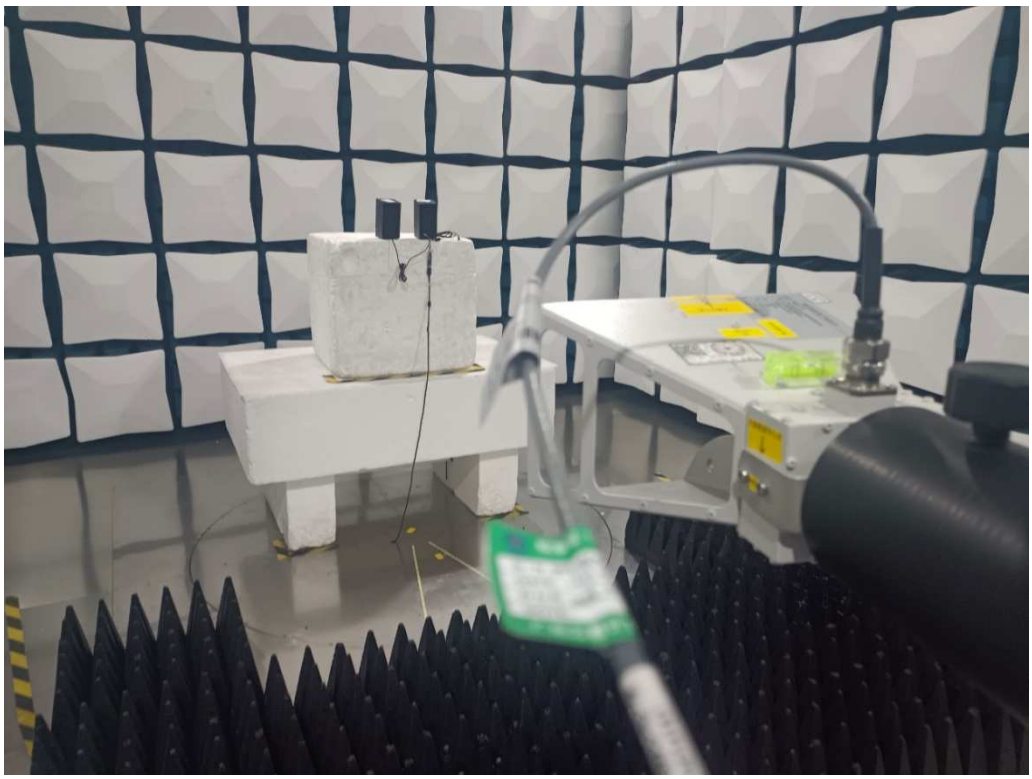
Photograph 2: Set-up for Radio Spectrum Testing, extreme temperature



Photograph 3: Set-up for Transmitter & Receiver Spurious Emissions, below 1GHz



Photograph 4: Set-up for Transmitter & Receiver Spurious Emissions, Above 1GHz



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Appendix A: Test results of Classical Bluetooth

APPENDIX A: TEST RESULTS OF CLASSICAL BLUETOOTH 1

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Appendix A.1 : RF output power

The RF output power is the mean equivalent isotopically radiated power (EIRP) during a transmission burst. Only the worst case for all test modes reported.

Test Condition	Test Mode	Antenna	Frequency[MHz]	Burst Power [dBm]	EIRP[dBm]	Limit[dBm]	Verdict
NTNV	DH1	Ant1	Hop	7.34	9.93	20	PASS
	DH5	Ant1	Hop	7.22	9.81	20	PASS
	2DH1	Ant1	Hop	6.43	9.02	20	PASS
	2DH5	Ant1	Hop	5.89	8.48	20	PASS
LTNV	DH1	Ant1	Hop	7.34	9.93	20	PASS
	DH5	Ant1	Hop	7.31	9.90	20	PASS
	2DH1	Ant1	Hop	6.42	9.01	20	PASS
	2DH5	Ant1	Hop	5.99	8.58	20	PASS
HTNV	DH1	Ant1	Hop	7.33	9.92	20	PASS
	DH5	Ant1	Hop	7.29	9.88	20	PASS
	2DH1	Ant1	Hop	6.37	8.96	20	PASS
	2DH5	Ant1	Hop	5.92	8.51	20	PASS

Note: EIRP = Measured Highest Pburst Values + Antenna Gain

Appendix A.2: Test Results of Accumulated Transmit Time and Frequency Occupation

Accumulated Transmit Time

Test Mode	Antenna	Channel	Result [ms]	Limit [ms]	Verdict
DH5	Ant1	Hop_2402	295.977	400	PASS
		Hop_2480	321.257	400	PASS
2DH5	Ant1	Hop_2402	314.937	400	PASS
		Hop_2480	309.670	400	PASS
		Hop_2480	295.977	400	PASS

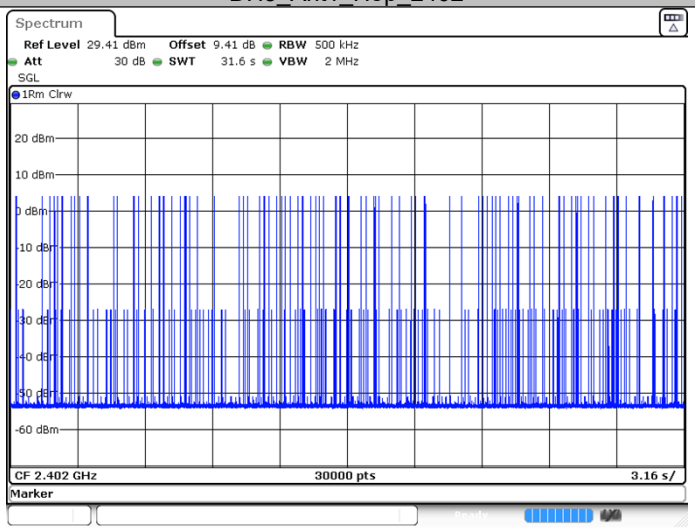
Frequency Occupation

Test Mode	Antenna	Channel	Result [Num.]	Limit [Num.]	Verdict
DH5	Ant1	Hop_2402	3	1	PASS
		Hop_2480	1	1	PASS
2DH5	Ant1	Hop_2402	3	1	PASS
		Hop_2480	2	1	PASS
		Hop_2480	3	1	PASS

Hopping Sequence

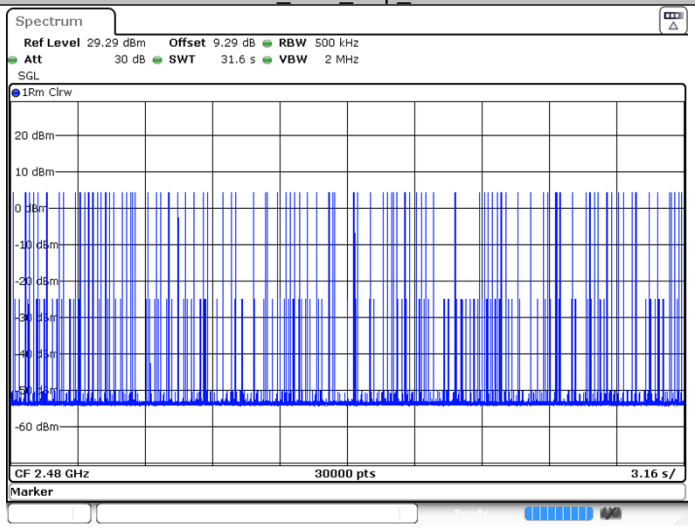
Test Mode	Antenna	Channel	Hop. [Num.]	Limit [Num.]	Band Use [%]	Limit [%]	Verdict
DH5	Ant1	Hop_2402	79	15	95.60	70	PASS
		Hop_2480	79	15	95.60	70	PASS
2DH5	Ant1	Hop_2402	79	15	96.10	70	PASS
		Hop_2480	79	15	96.10	70	PASS
		Hop_2480	79	15	95.60	70	PASS

DH5_Ant1_Hop_2402



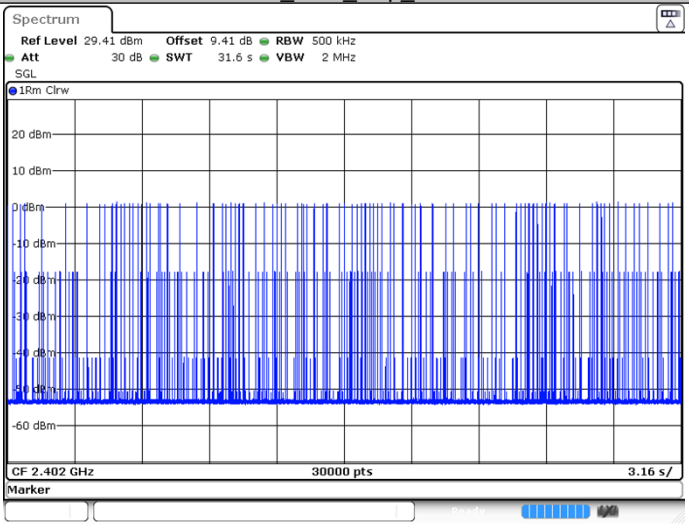
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DH5_Ant1_Hop_2480



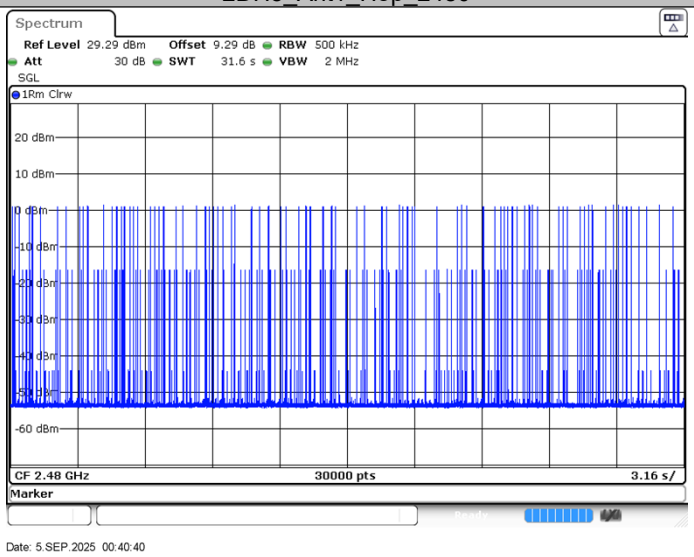
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2DH5_Ant1_Hop_2402

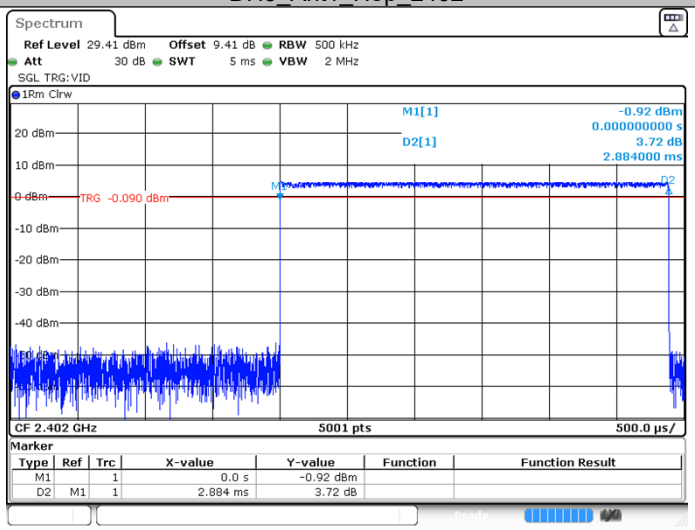


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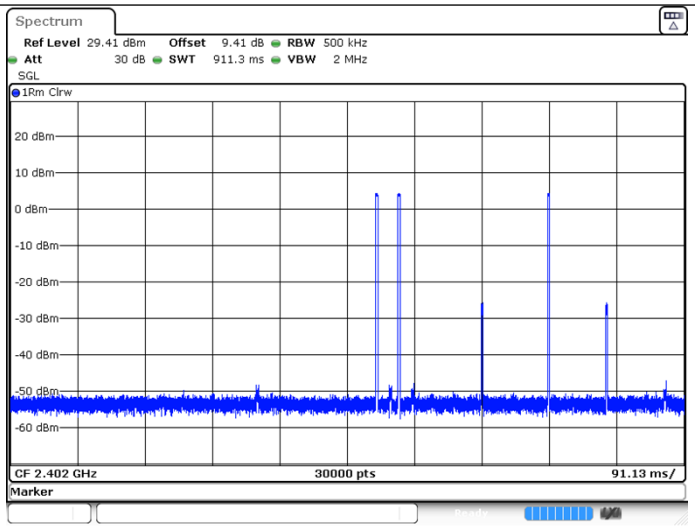
2DH5_Ant1_Hop_2480



DH5_Ant1_Hop_2402

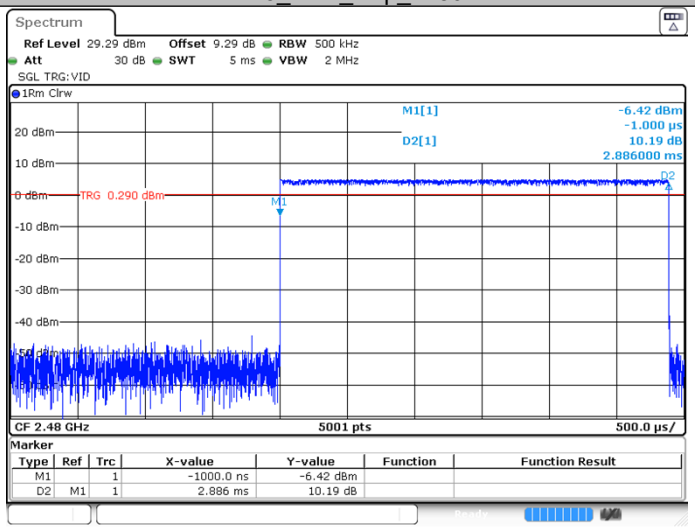


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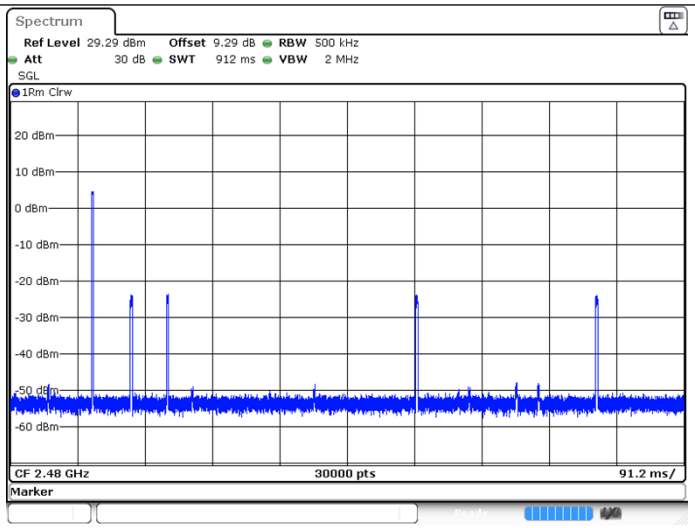


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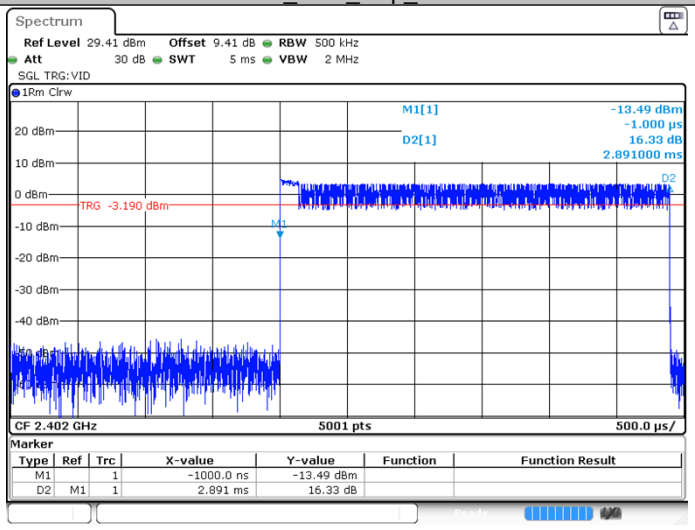


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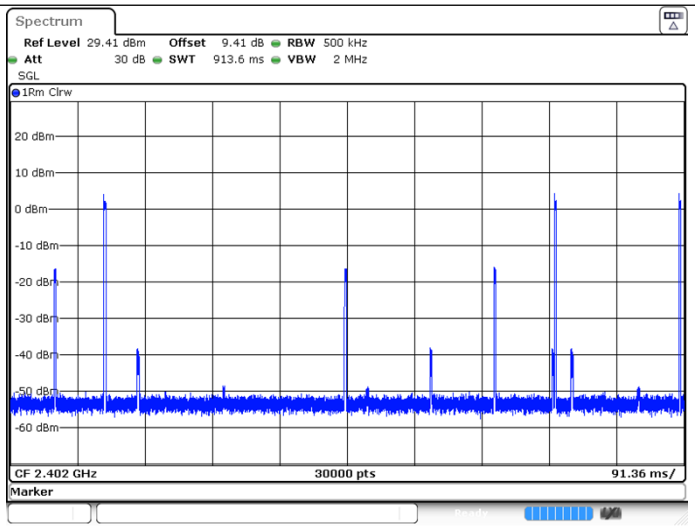


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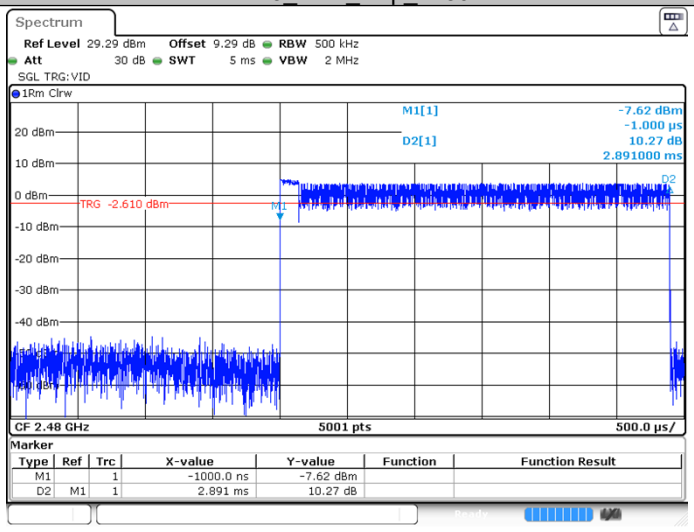
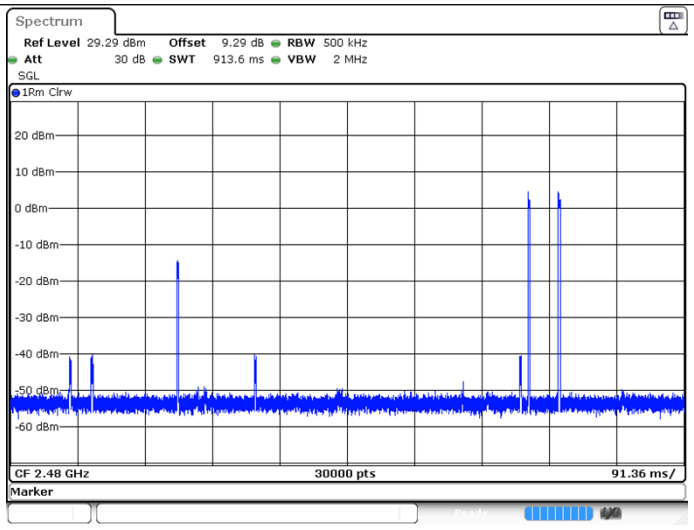
2DH5_Ant1_Hop_2402



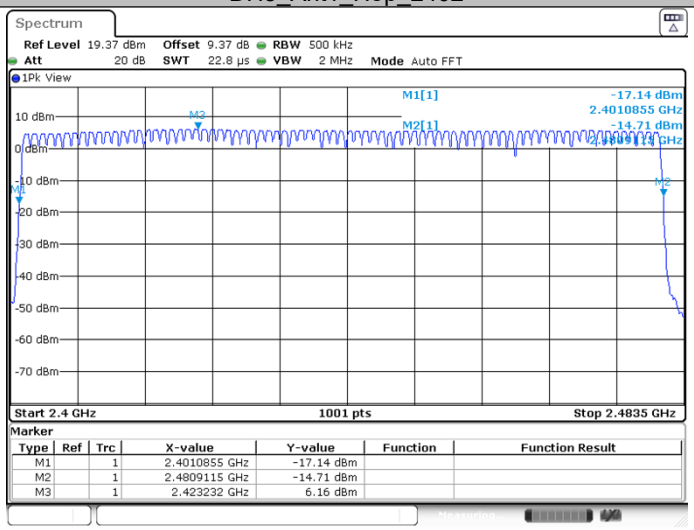
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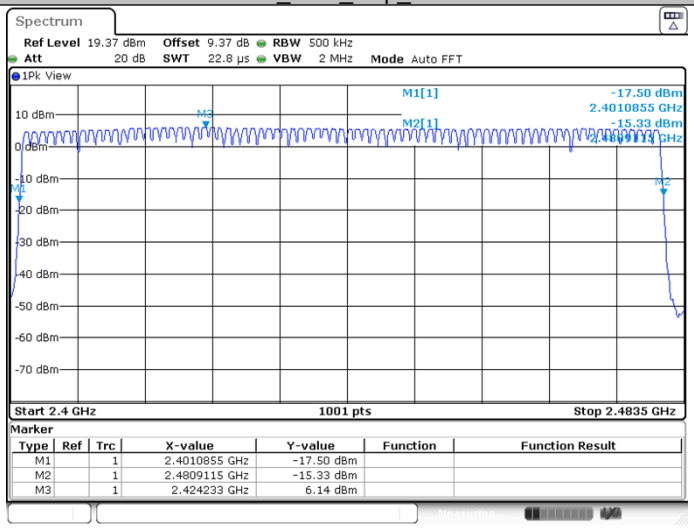
2DH5_Ant1_Hop_2480
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 Date: 5.SEP.2025 00:40:59

DH5_Ant1_Hop_2402



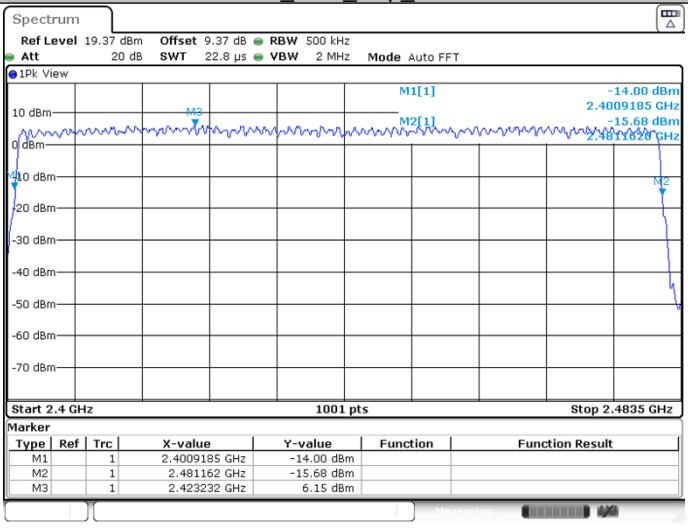
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DH5_Ant1_Hop_2480



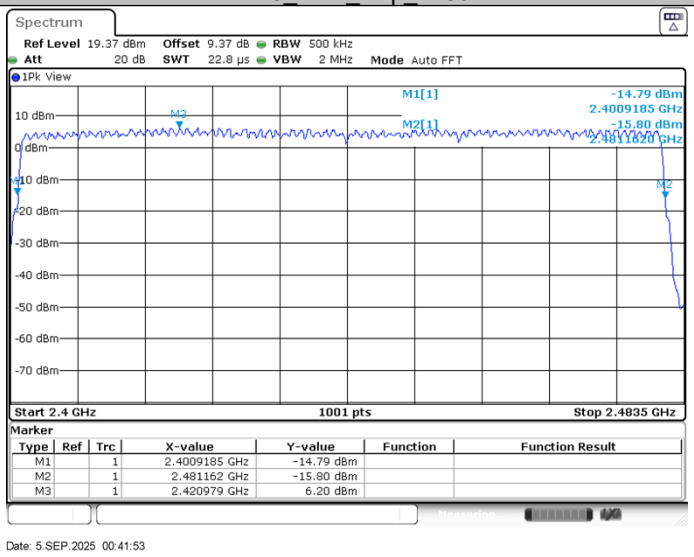
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2DH5_Ant1_Hop_2402



Date: 5.SEP.2025 00:39:56

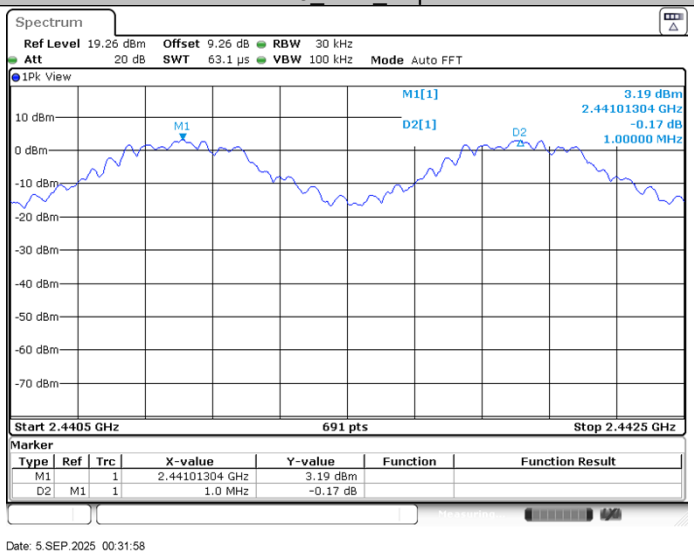
2DH5_Ant1_Hop_2480



Appendix A.3: Test Results of Hopping Frequency Separation

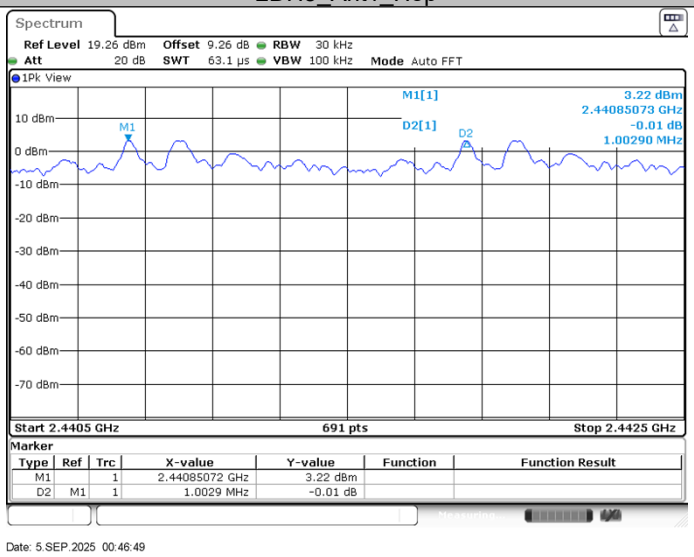
Test Mode	Antenna	Channel	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.000	0.100	PASS
2DH5	Ant1	Hop	1.003	0.100	PASS

DH5_Ant1_Hop



Date: 5.SEP.2025 00:31:58

2DH5_Ant1_Hop

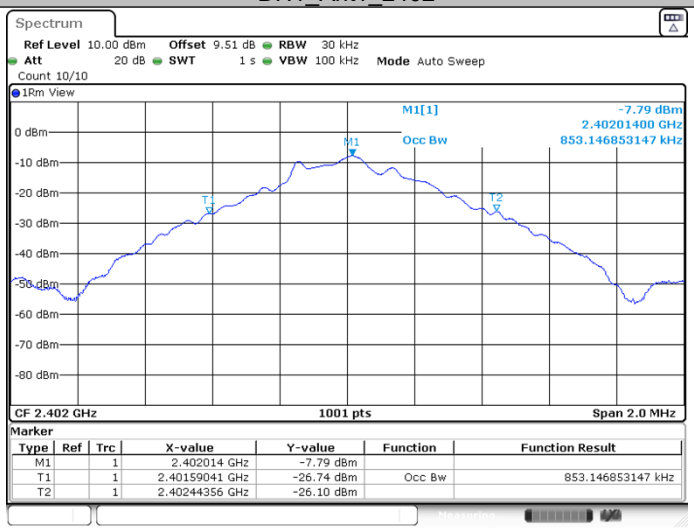


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Appendix A.4: Test Results of Occupied Channel Bandwidth

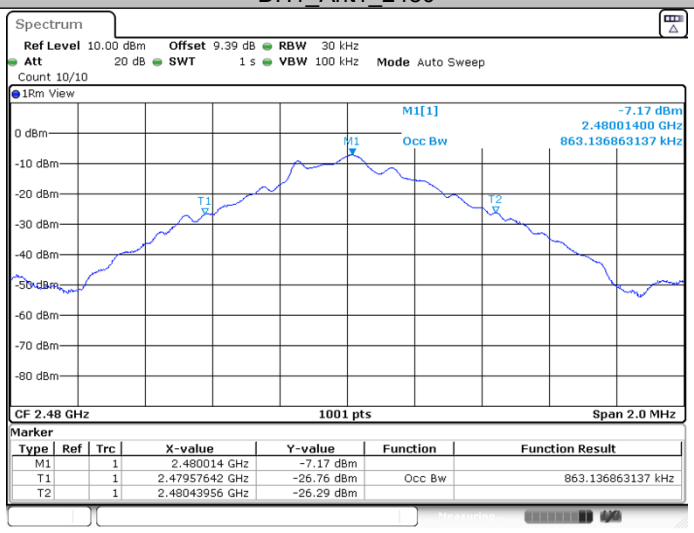
Test Mode	Antenna	Channel	OCB[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH1	Ant1	2402	0.85315	2401.5904	2402.4436	2400 to 2483.5	PASS
		2480	0.86314	2479.5764	2480.4396	2400 to 2483.5	PASS
DH5	Ant1	2402	0.88711	2401.5724	2402.4595	2400 to 2483.5	PASS
		2480	0.90709	2479.5624	2480.4695	2400 to 2483.5	PASS
2DH1	Ant1	2402	1.1808	2401.4166	2402.5974	2400 to 2483.5	PASS
		2480	1.1708	2479.4186	2480.5894	2400 to 2483.5	PASS
2DH5	Ant1	2402	1.2328	2401.4066	2402.6394	2400 to 2483.5	PASS
		2480	1.2208	2479.4086	2480.6294	2400 to 2483.5	PASS
3DH1	Ant1	2402	0.85315	2401.5904	2402.4436	2400 to 2483.5	PASS
		2480	0.86314	2479.5764	2480.4396	2400 to 2483.5	PASS
3DH5	Ant1	2402	0.88711	2401.5724	2402.4595	2400 to 2483.5	PASS
		2480	0.90709	2479.5624	2480.4695	2400 to 2483.5	PASS

DH1_Ant1_2402



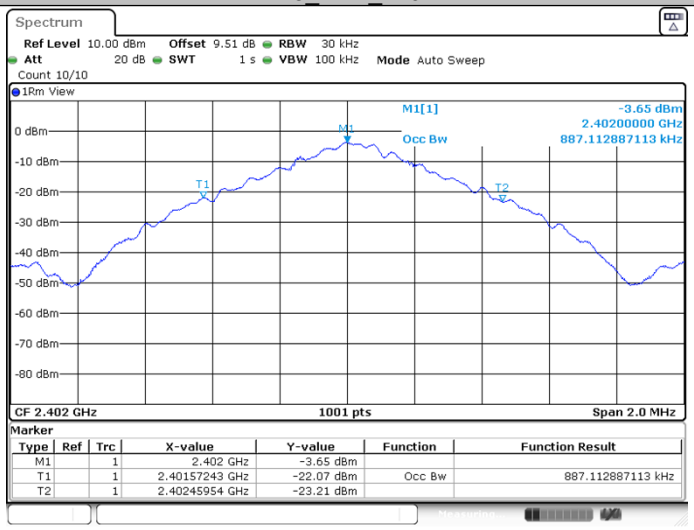
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DH1_Ant1_2480



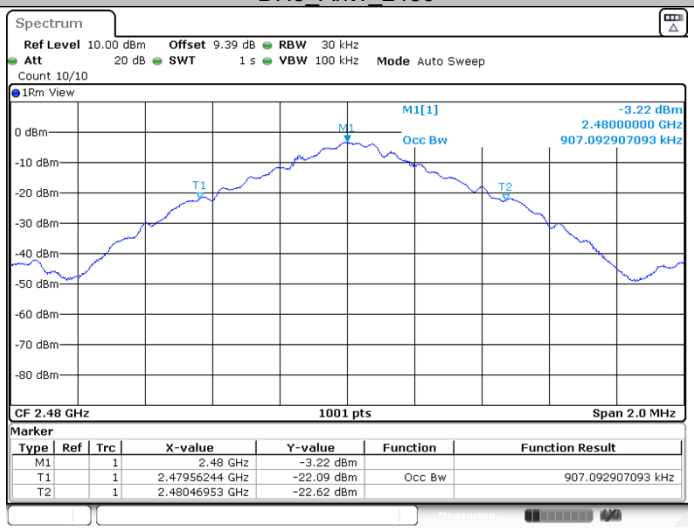
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DH5_Ant1_2402



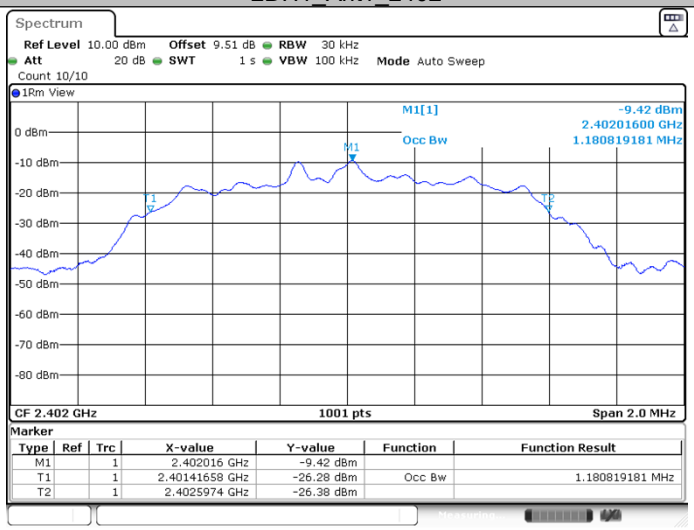
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DH5_Ant1_2480



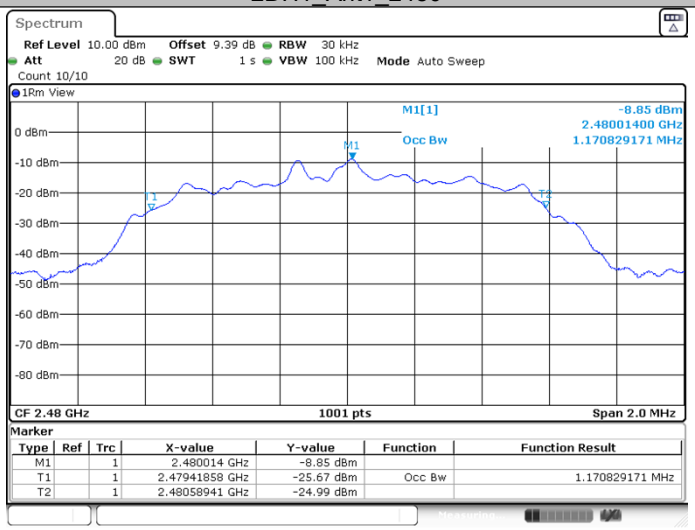
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2DH1_Ant1_2402



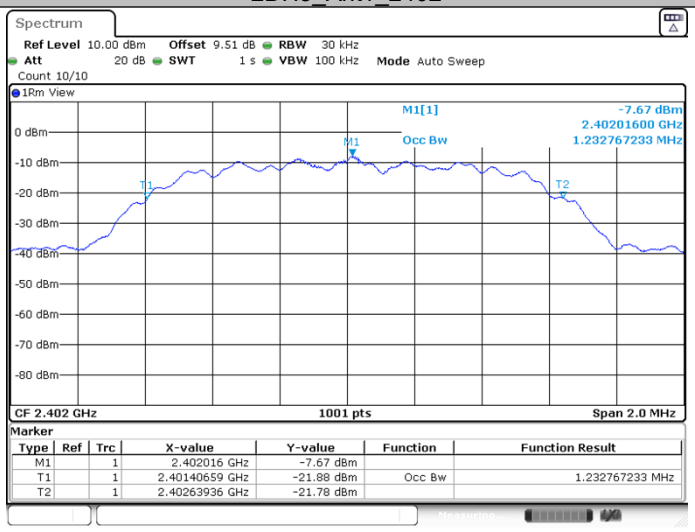
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2DH1_Ant1_2480



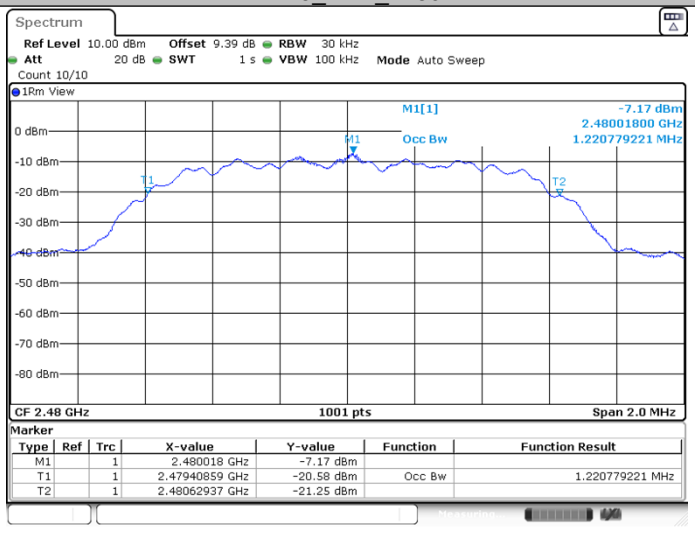
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2DH5_Ant1_2402



Date: 5.SEP.2025 00:09:55

2DH5_Ant1_2480

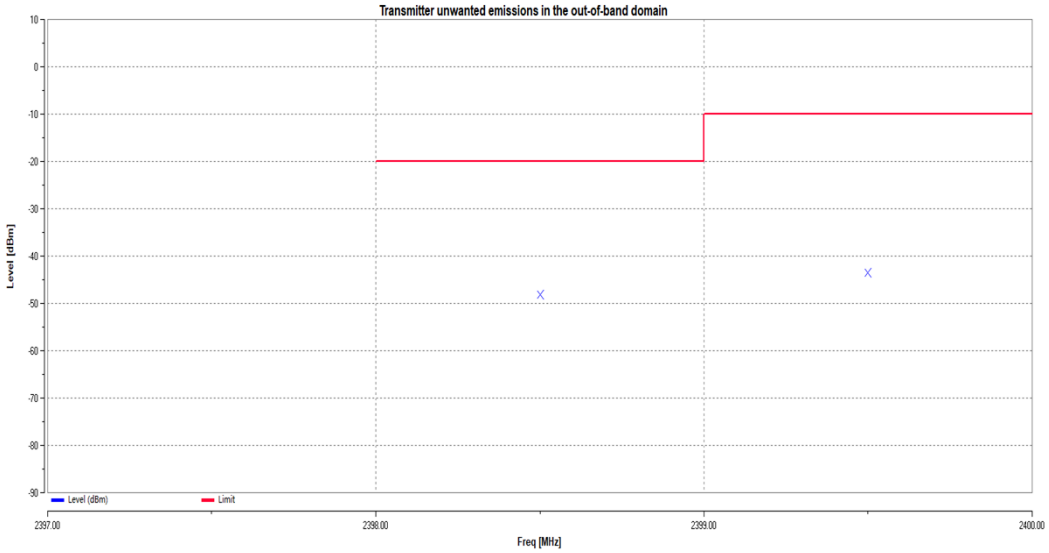


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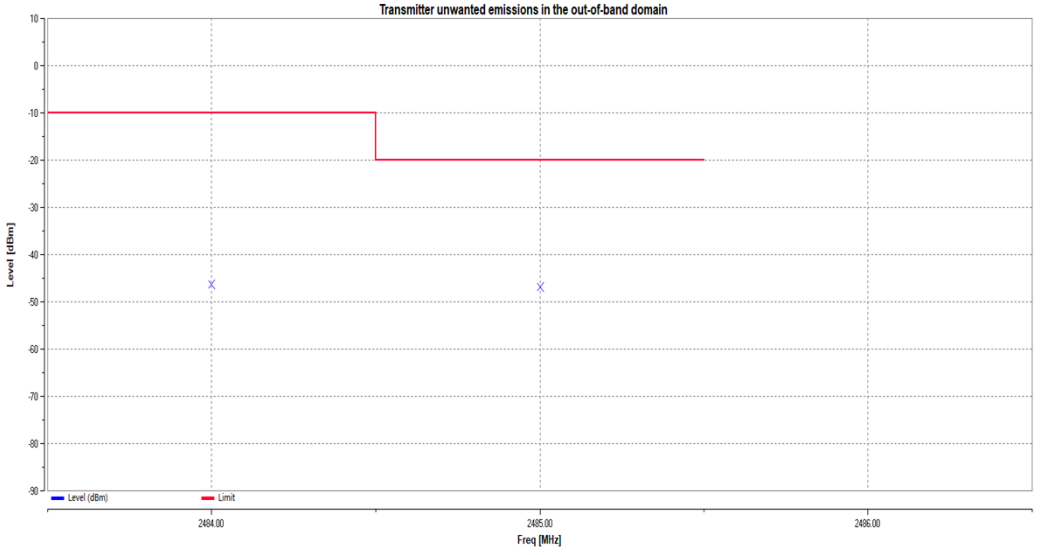
Appendix A.5: Test Results of Transmitter Unwanted Emissions in the Out-of-band Domain

Test Mode	Antenna	Channel	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	2398.5	-48.17	-20.00	PASS
			2399.5	-43.45	-10.00	PASS
			2484	-46.37	-10.00	PASS
			2485	-46.92	-20.00	PASS
2DH5	Ant1	Hop	2398.0344	-49.44	-20.00	PASS
			2398.2672	-45.32	-20.00	PASS
			2399.2672	-56.43	-10.00	PASS
			2399.5	-57.00	-10.00	PASS
			2484	-48.42	-10.00	PASS
			2484.2328	-49.23	-10.00	PASS
			2485.2328	-49.97	-20.00	PASS
			2485.4656	-49.98	-20.00	PASS

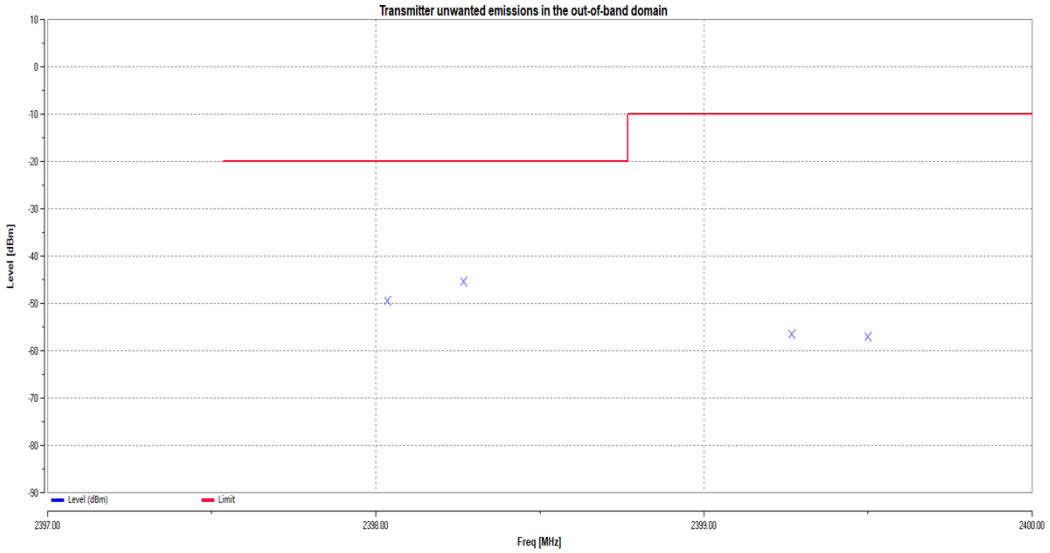
DH5_Ant1_Hop_2400MHz-2BW to 2400MHz



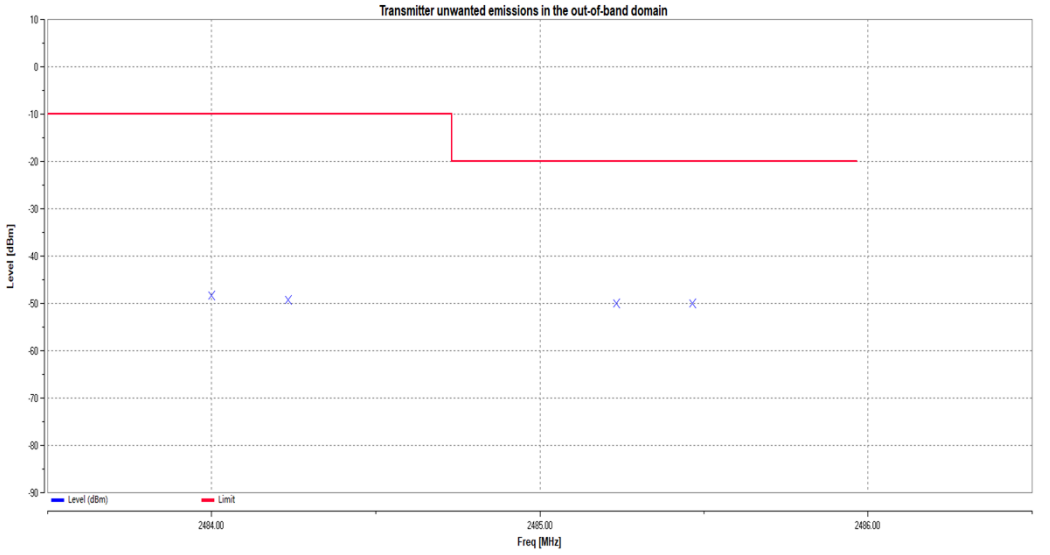
DH5_Ant1_Hop_2483.5MHz to 2483.5MHz+2BW



2DH5_Ant1_Hop_2400MHz-2BW to 2400MHz



2DH5_Ant1_Hop_2483.5MHz to 2483.5MHz+2BW

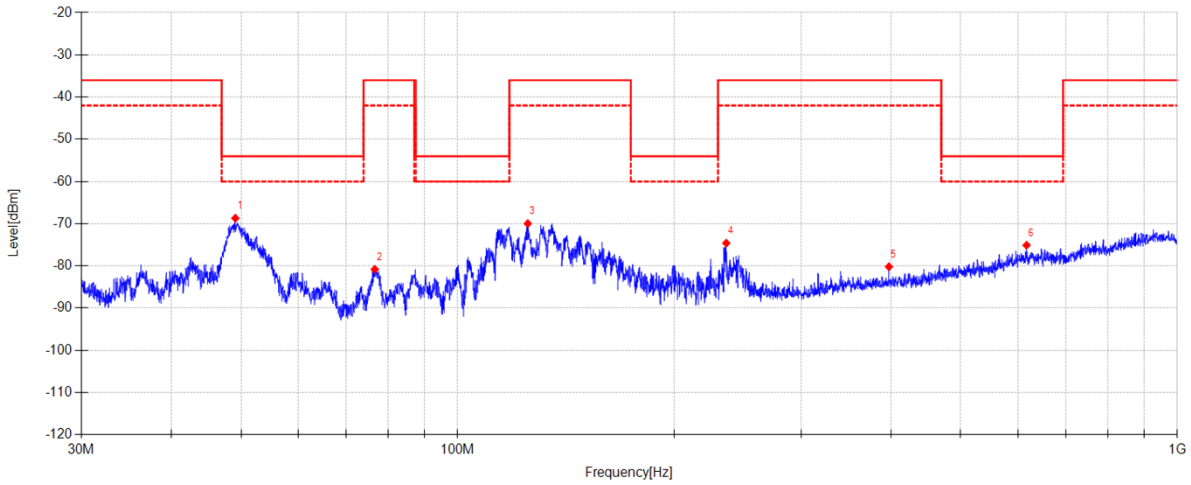


Appendix A.6: Test Results of Transmitter Unwanted Emissions in the Spurious Domain

Note: 1. The EUT without antenna connector.
2. This testing was carried out on different modulations, but only the worst case was presented in this report.

FHSS, Below 1GHz

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BT\5		
Memo:	Sample Number:S25103018-006		

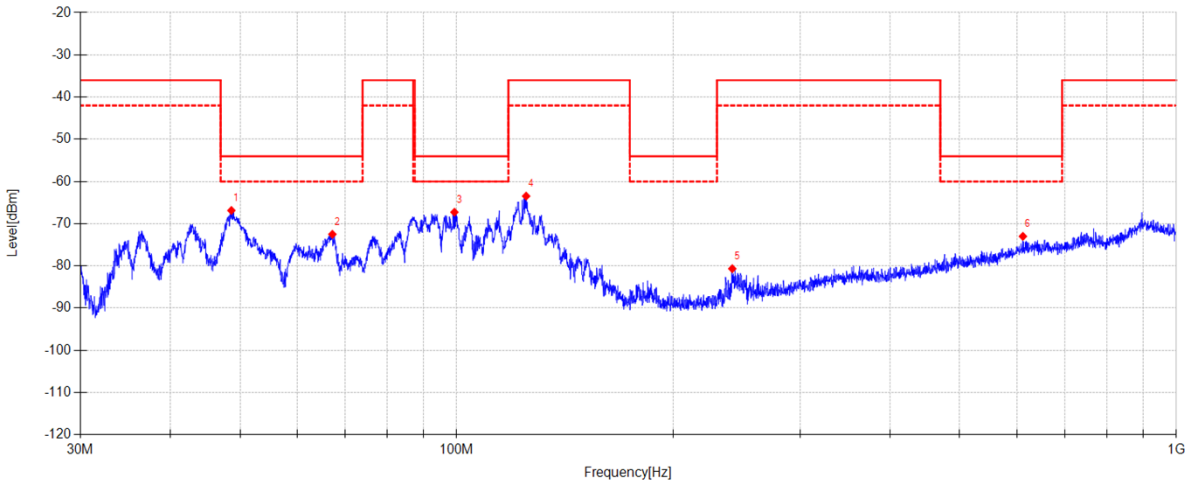


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	49.113	42.55	-111.24	-68.69	-54.00	14.69	PK	Horizontal	ERP
2	76.713	37.75	-118.55	-80.80	-36.00	44.80	PK	Horizontal	ERP
3	125.146	47.81	-117.78	-69.97	-36.00	33.97	PK	Horizontal	ERP
4	236.216	39.18	-113.79	-74.61	-36.00	38.61	PK	Horizontal	ERP
5	397.428	29.26	-109.45	-80.19	-36.00	44.19	PK	Horizontal	ERP
6	617.296	29.68	-104.77	-75.09	-54.00	21.09	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BT\6		
Memo:	Sample Number:S25103018-006		

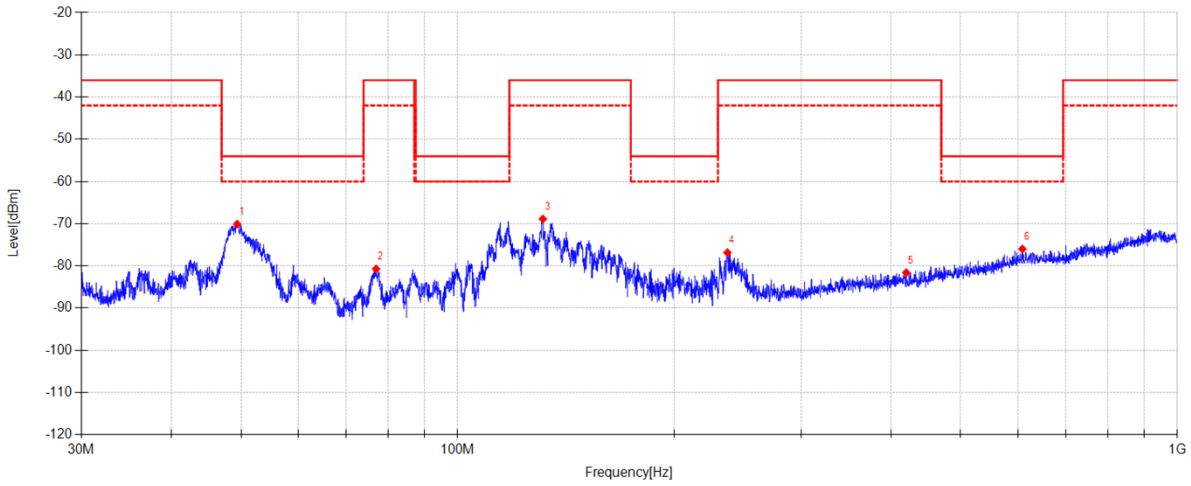


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.633	49.18	-116.04	-66.86	-54.00	12.86	PK	Vertical	ERP
2	67.191	45.48	-117.97	-72.49	-54.00	18.49	PK	Vertical	ERP
3	99.295	44.08	-111.35	-67.27	-54.00	13.27	PK	Vertical	ERP
4	124.883	49.50	-112.97	-63.47	-36.00	27.47	PK	Vertical	ERP
5	241.576	32.85	-113.50	-80.65	-36.00	44.65	PK	Vertical	ERP
6	612.124	29.59	-102.58	-72.99	-54.00	18.99	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BT\7		
Memo:	Sample Number:S25103018-006		

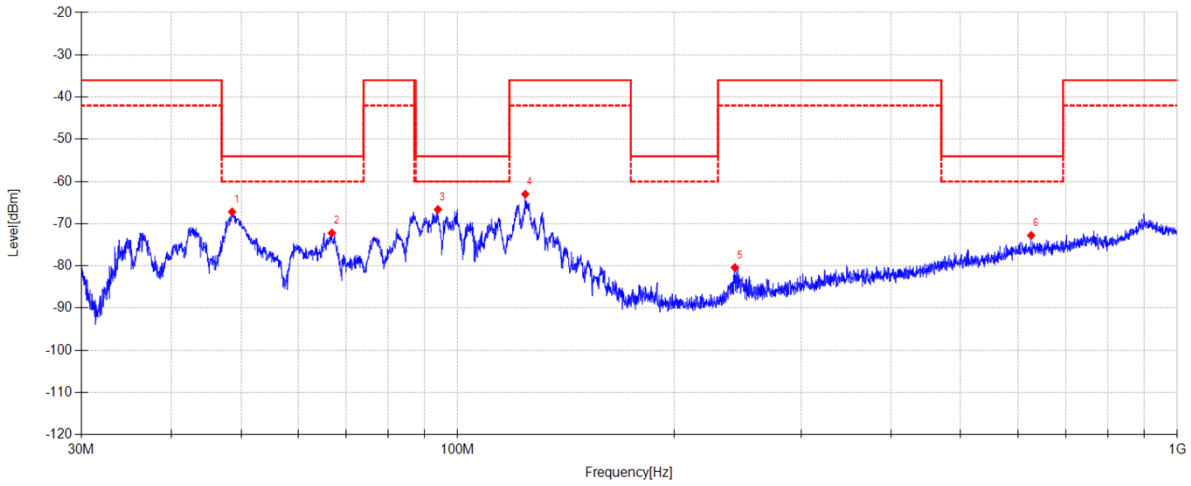


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	49.389	41.09	-111.19	-70.10	-54.00	16.10	PK	Horizontal	ERP
2	77.036	37.84	-118.55	-80.71	-36.00	44.71	PK	Horizontal	ERP
3	131.350	49.29	-118.17	-68.88	-36.00	32.88	PK	Horizontal	ERP
4	237.045	36.88	-113.72	-76.84	-36.00	40.84	PK	Horizontal	ERP
5	420.064	27.63	-109.22	-81.59	-36.00	45.59	PK	Horizontal	ERP
6	609.127	28.83	-104.81	-75.98	-54.00	21.98	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BT\8		
Memo:	Sample Number:S25103018-006		



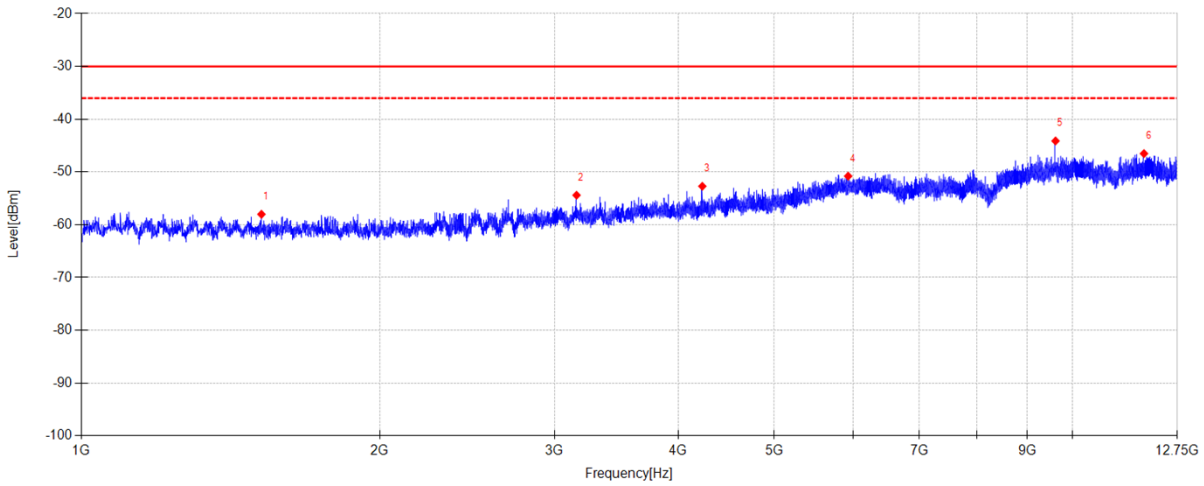
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.599	48.86	-116.05	-67.19	-54.00	13.19	PK	Vertical	ERP
2	66.862	45.65	-117.87	-72.22	-54.00	18.22	PK	Vertical	ERP
3	93.879	45.73	-112.35	-66.62	-54.00	12.62	PK	Vertical	ERP
4	124.185	49.92	-112.92	-63.00	-36.00	27.00	PK	Vertical	ERP
5	242.764	33.08	-113.47	-80.39	-36.00	44.39	PK	Vertical	ERP
6	626.453	29.64	-102.41	-72.77	-54.00	18.77	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

FHSS, Above 1GHz

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX DH5 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\1		
Memo:	Sample Number:S25103018-006 Power Setting:10		

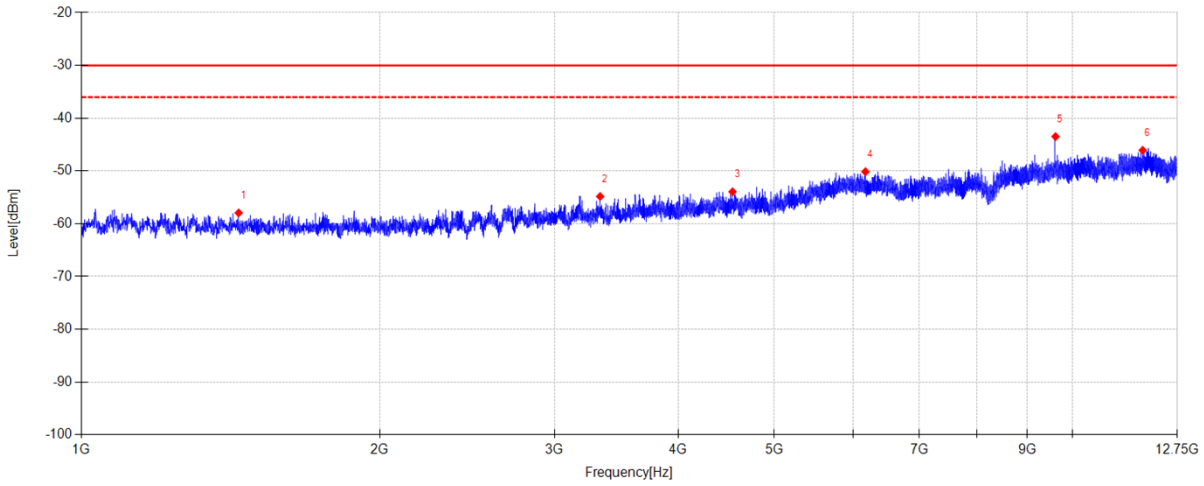


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1519.448	46.56	-104.58	-58.02	**-30.00**	28.02	PK	Horizontal	EIRP
2	3158.573	48.02	-102.43	-54.41	**-30.00**	24.41	PK	Horizontal	EIRP
3	4230.271	47.74	-100.45	-52.71	**-30.00**	22.71	PK	Horizontal	EIRP
4	5935.490	43.59	-94.38	-50.79	**-30.00**	20.79	PK	Horizontal	EIRP
5	9608.344	45.18	-89.30	-44.12	**-30.00**	14.12	PK	Horizontal	EIRP
6	11798.740	42.11	-88.63	-46.52	**-30.00**	16.52	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX DH5 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\2		
Memo:	Sample Number:S25103018-006 Power Setting:10		

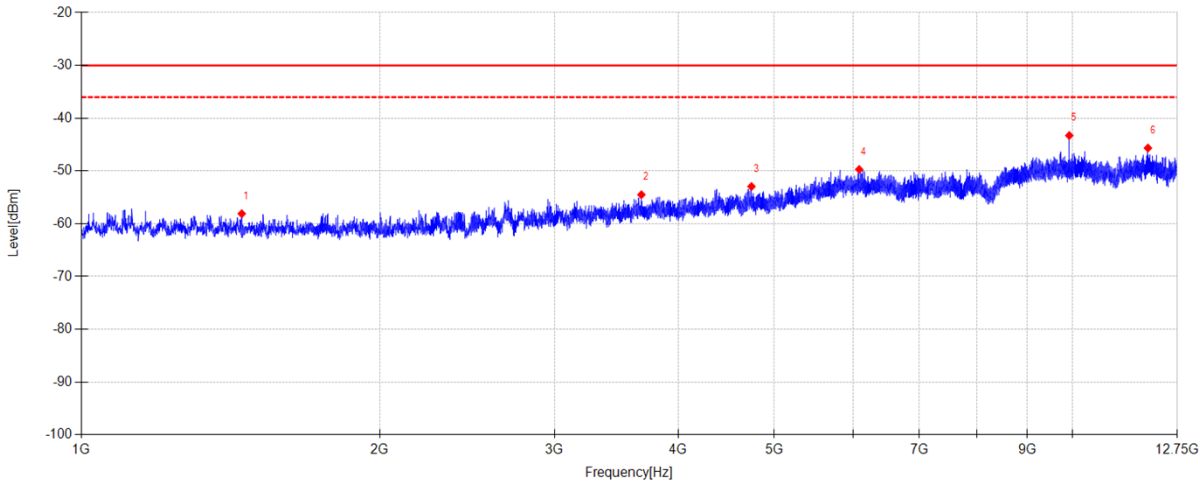


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1441.115	46.28	-104.23	-57.95	**-30.00**	27.95	PK	Vertical	EIRP
2	3336.781	47.28	-102.12	-54.84	**-30.00**	24.84	PK	Vertical	EIRP
3	4538.219	45.94	-99.89	-53.95	**-30.00**	23.95	PK	Vertical	EIRP
4	6178.813	44.07	-94.21	-50.14	**-30.00**	20.14	PK	Vertical	EIRP
5	9607.854	46.25	-89.73	-43.48	**-30.00**	13.48	PK	Vertical	EIRP
6	11763.490	41.84	-87.93	-46.09	**-30.00**	16.09	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX DH5 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\3		
Memo:	Sample Number:S25103018-006 Power Setting:10		

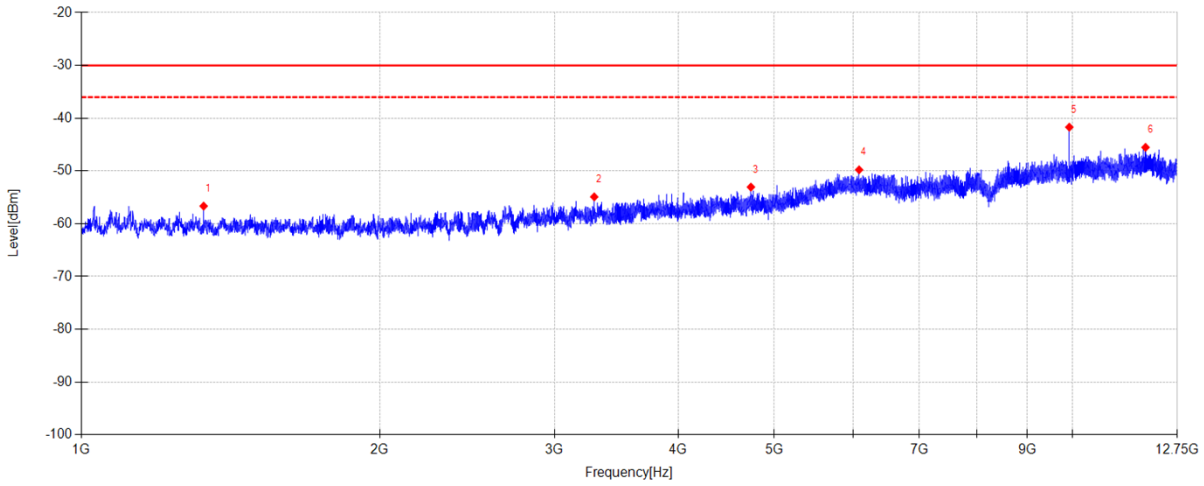


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1451.396	46.46	-104.56	-58.10	**-30.00**	28.10	PK	Horizontal	EIRP
2	3672.146	47.11	-101.61	-54.50	**-30.00**	24.50	PK	Horizontal	EIRP
3	4741.885	46.10	-99.05	-52.95	**-30.00**	22.95	PK	Horizontal	EIRP
4	6089.708	44.46	-94.17	-49.71	**-30.00**	19.71	PK	Horizontal	EIRP
5	9920.208	45.82	-89.11	-43.29	**-30.00**	13.29	PK	Horizontal	EIRP
6	11908.406	42.87	-88.53	-45.66	**-30.00**	15.66	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX DH5 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\4		
Memo:	Sample Number:S25103018-006 Power Setting:10		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1328.510	47.52	-104.18	-56.66	**-30.00**	26.66	PK	Vertical	EIRP
2	3291.250	47.28	-102.19	-54.91	**-30.00**	24.91	PK	Vertical	EIRP
3	4735.521	46.38	-99.44	-53.06	**-30.00**	23.06	PK	Vertical	EIRP
4	6088.729	44.37	-94.15	-49.78	**-30.00**	19.78	PK	Vertical	EIRP
5	9920.208	47.89	-89.59	-41.70	**-30.00**	11.70	PK	Vertical	EIRP
6	11841.333	42.39	-87.92	-45.53	**-30.00**	15.53	PK	Vertical	EIRP

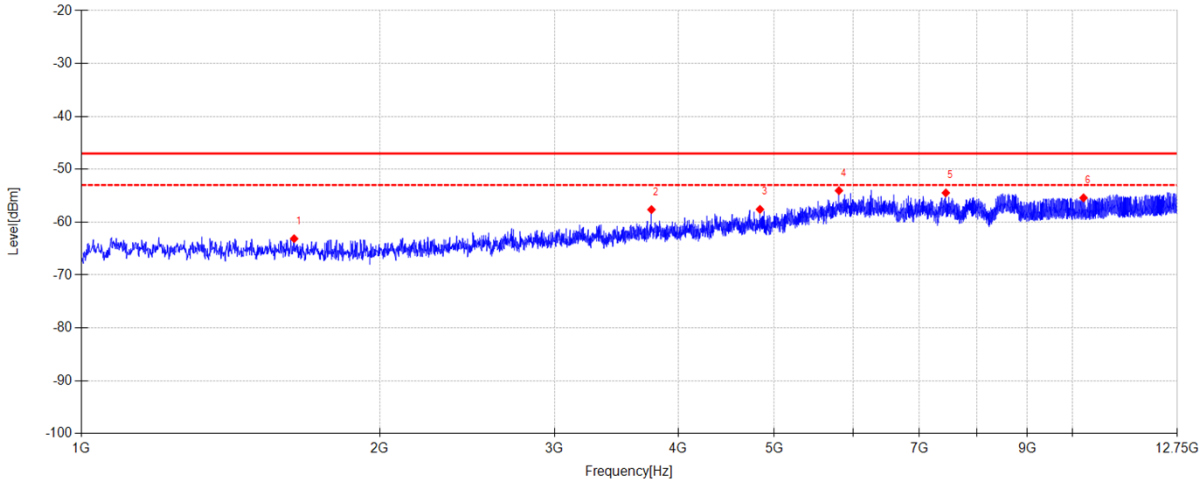
Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Appendix A.7: Test Results of Receiver Spurious Emissions

Note: 1. This testing was carried out on different modulations, but only the worst case was presented in this report.
2. The EUT without antenna connector.

FHSS, Below 1GHz

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX DH5 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\5		
Memo:	Sample Number:S25103018-006		

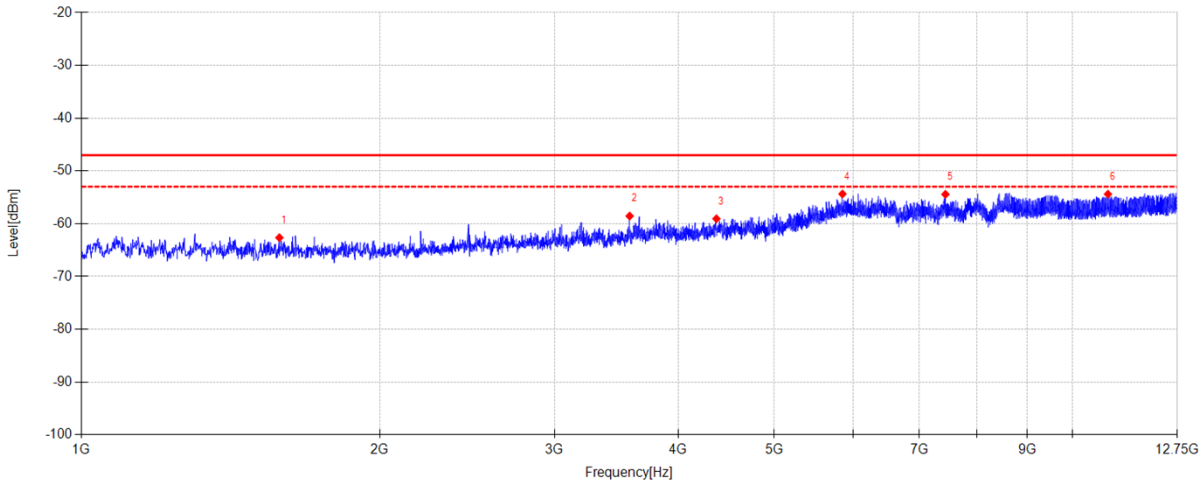


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1639.200	41.48	-104.61	-63.13	**-47.00**	16.13	PK	Horizontal	EIRP
2	3758.900	43.85	-101.47	-57.62	**-47.00**	10.62	PK	Horizontal	EIRP
3	4836.375	41.21	-98.79	-57.58	**-47.00**	10.58	PK	Horizontal	EIRP
4	5810.450	40.87	-94.91	-54.04	**-47.00**	7.04	PK	Horizontal	EIRP
5	7447.225	39.67	-94.13	-54.46	**-47.00**	7.46	PK	Horizontal	EIRP
6	10253.125	33.74	-89.14	-55.40	**-47.00**	8.40	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX DH5 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\6		
Memo:	Sample Number:S25103018-006		

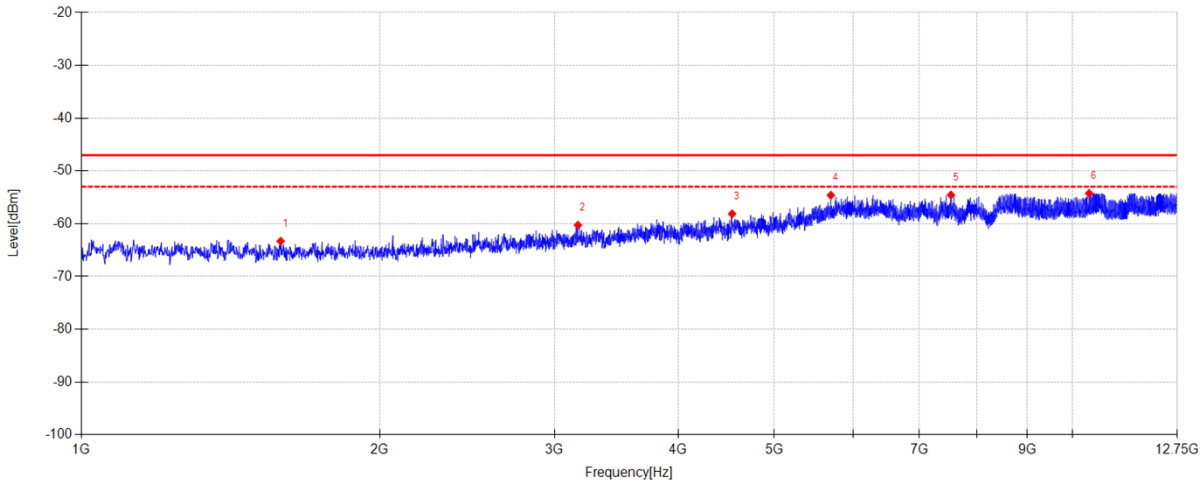


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1583.975	41.63	-104.28	-62.65	**-47.00**	15.65	PK	Vertical	EIRP
2	3573.250	43.22	-101.77	-58.55	**-47.00**	11.55	PK	Vertical	EIRP
3	4371.075	41.22	-100.28	-59.06	**-47.00**	12.06	PK	Vertical	EIRP
4	5857.450	40.40	-94.76	-54.36	**-47.00**	7.36	PK	Vertical	EIRP
5	7440.175	39.62	-94.05	-54.43	**-47.00**	7.43	PK	Vertical	EIRP
6	10852.375	33.86	-88.26	-54.40	**-47.00**	7.40	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX DH5 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\7		
Memo:	Sample Number:S25103018-006		

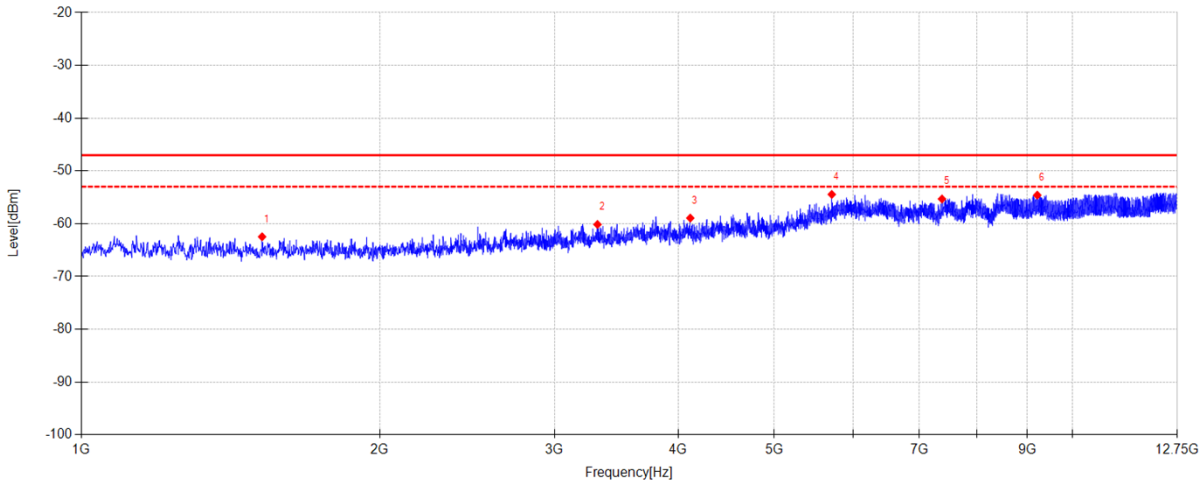


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1588.675	41.28	-104.59	-63.31	**-47.00**	16.31	PK	Horizontal	EIRP
2	3169.050	42.15	-102.42	-60.27	**-47.00**	13.27	PK	Horizontal	EIRP
3	4533.225	41.50	-99.62	-58.12	**-47.00**	11.12	PK	Horizontal	EIRP
4	5702.350	40.77	-95.37	-54.60	**-47.00**	7.60	PK	Horizontal	EIRP
5	7536.525	39.47	-94.02	-54.55	**-47.00**	7.55	PK	Horizontal	EIRP
6	10388.250	34.94	-89.19	-54.25	**-47.00**	7.25	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX DH5 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\8		
Memo:	Sample Number:S25103018-006		



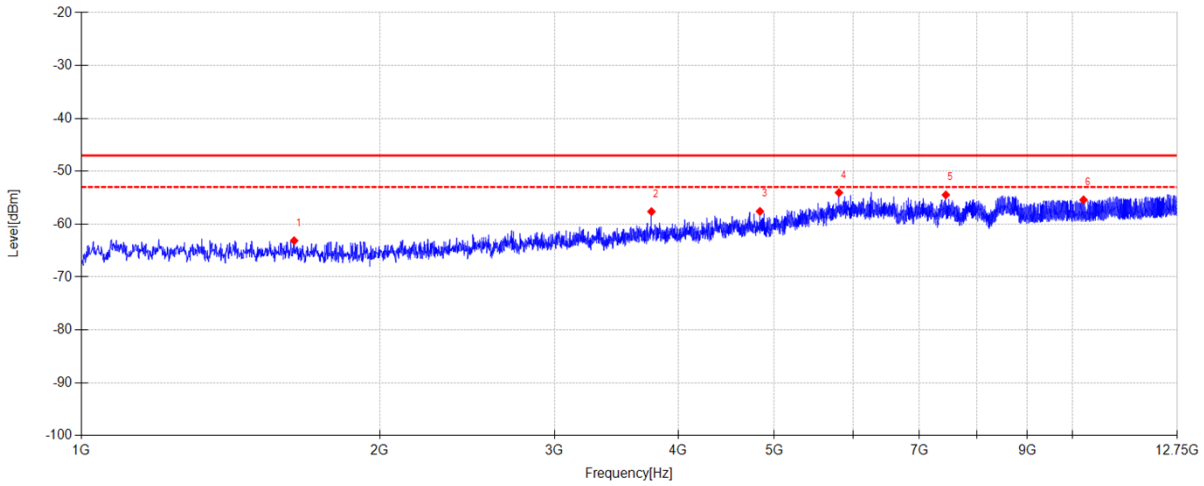
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1521.700	41.79	-104.26	-62.47	**-47.00**	15.47	PK	Vertical	EIRP
2	3315.925	42.02	-102.16	-60.14	**-47.00**	13.14	PK	Vertical	EIRP
3	4113.750	41.93	-100.86	-58.93	**-47.00**	11.93	PK	Vertical	EIRP
4	5714.100	41.01	-95.45	-54.44	**-47.00**	7.44	PK	Vertical	EIRP
5	7381.425	38.84	-94.15	-55.31	**-47.00**	8.31	PK	Vertical	EIRP
6	9209.725	35.32	-89.91	-54.59	**-47.00**	7.59	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

FHSS, Above 1GHz

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX DH5 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\5		
Memo:	Sample Number:S25103018-006		

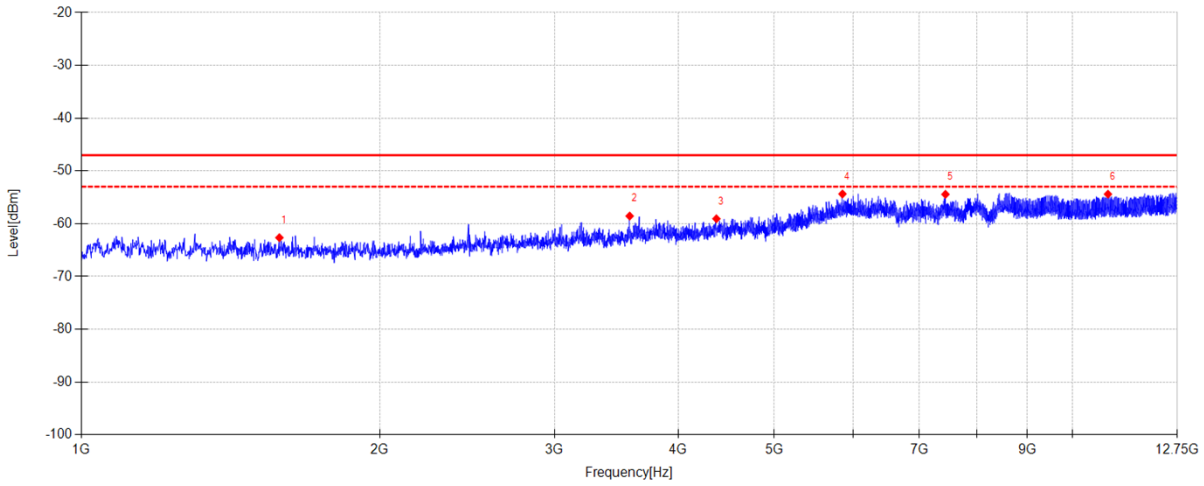


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1639.200	41.48	-104.61	-63.13	**-47.00**	16.13	PK	Horizontal	EIRP
2	3758.900	43.85	-101.47	-57.62	**-47.00**	10.62	PK	Horizontal	EIRP
3	4836.375	41.21	-98.79	-57.58	**-47.00**	10.58	PK	Horizontal	EIRP
4	5810.450	40.87	-94.91	-54.04	**-47.00**	7.04	PK	Horizontal	EIRP
5	7447.225	39.67	-94.13	-54.46	**-47.00**	7.46	PK	Horizontal	EIRP
6	10253.125	33.74	-89.14	-55.40	**-47.00**	8.40	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX DH5 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\6		
Memo:	Sample Number:S25103018-006		

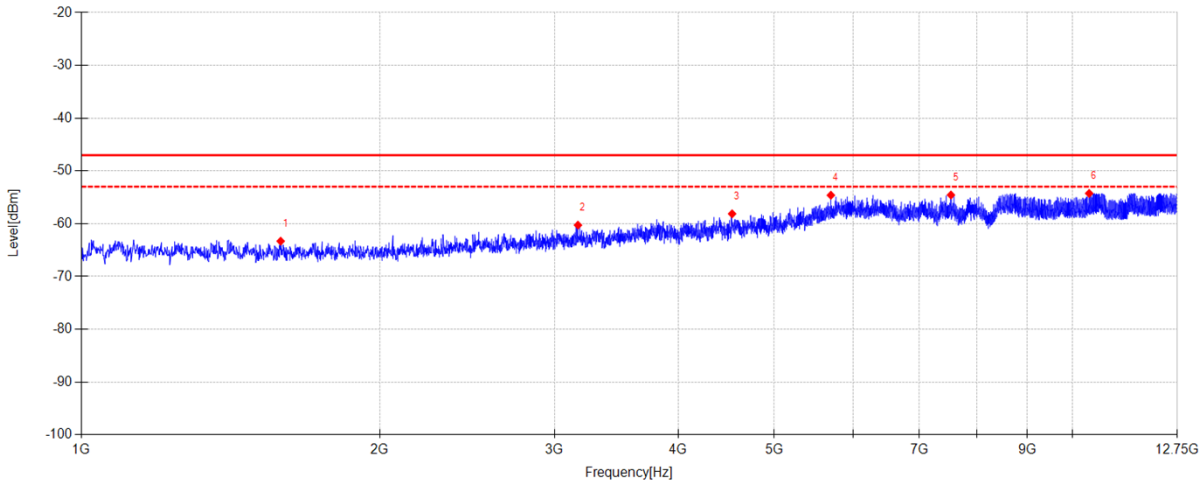


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1583.975	41.63	-104.28	-62.65	**-47.00**	15.65	PK	Vertical	EIRP
2	3573.250	43.22	-101.77	-58.55	**-47.00**	11.55	PK	Vertical	EIRP
3	4371.075	41.22	-100.28	-59.06	**-47.00**	12.06	PK	Vertical	EIRP
4	5857.450	40.40	-94.76	-54.36	**-47.00**	7.36	PK	Vertical	EIRP
5	7440.175	39.62	-94.05	-54.43	**-47.00**	7.43	PK	Vertical	EIRP
6	10852.375	33.86	-88.26	-54.40	**-47.00**	7.40	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX DH5 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\7		
Memo:	Sample Number:S25103018-006		

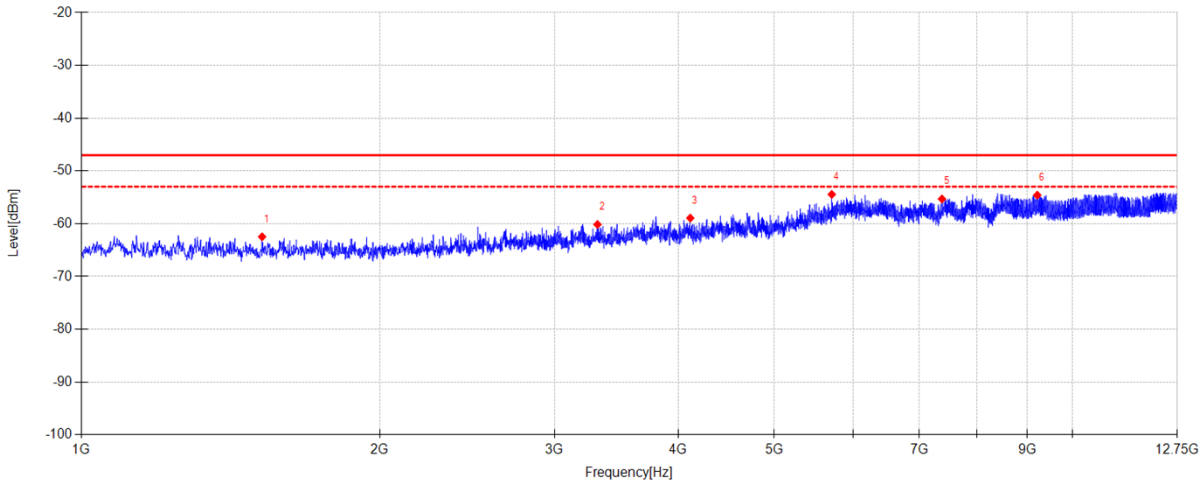


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1588.675	41.28	-104.59	-63.31	**-47.00**	16.31	PK	Horizontal	EIRP
2	3169.050	42.15	-102.42	-60.27	**-47.00**	13.27	PK	Horizontal	EIRP
3	4533.225	41.50	-99.62	-58.12	**-47.00**	11.12	PK	Horizontal	EIRP
4	5702.350	40.77	-95.37	-54.60	**-47.00**	7.60	PK	Horizontal	EIRP
5	7536.525	39.47	-94.02	-54.55	**-47.00**	7.55	PK	Horizontal	EIRP
6	10388.250	34.94	-89.19	-54.25	**-47.00**	7.25	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX DH5 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BT\8		
Memo:	Sample Number:S25103018-006		



Suspected Data List

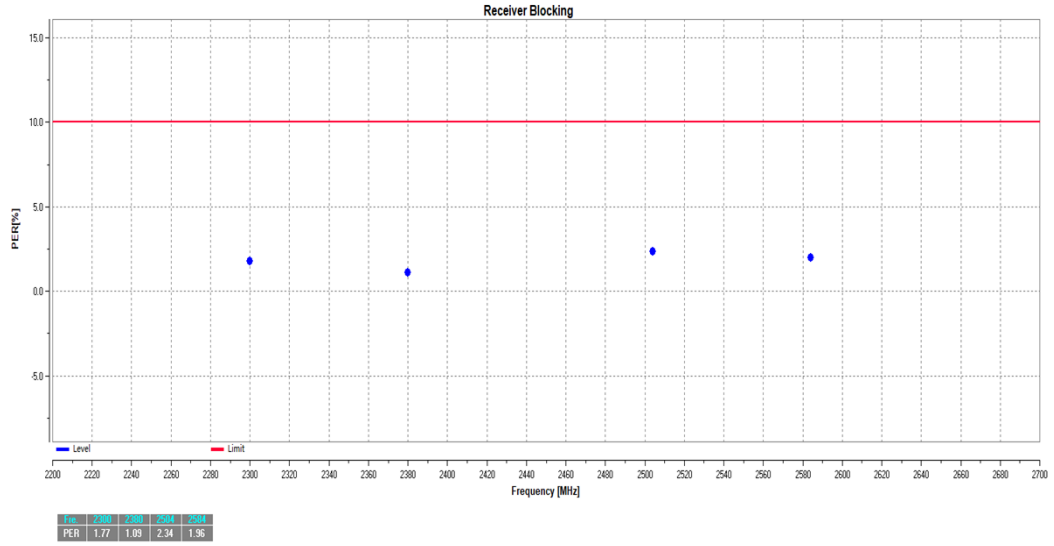
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1521.700	41.79	-104.26	-62.47	**-47.00**	15.47	PK	Vertical	EIRP
2	3315.925	42.02	-102.16	-60.14	**-47.00**	13.14	PK	Vertical	EIRP
3	4113.750	41.93	-100.86	-58.93	**-47.00**	11.93	PK	Vertical	EIRP
4	5714.100	41.01	-95.45	-54.44	**-47.00**	7.44	PK	Vertical	EIRP
5	7381.425	38.84	-94.15	-55.31	**-47.00**	8.31	PK	Vertical	EIRP
6	9209.725	35.32	-89.91	-54.59	**-47.00**	7.59	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

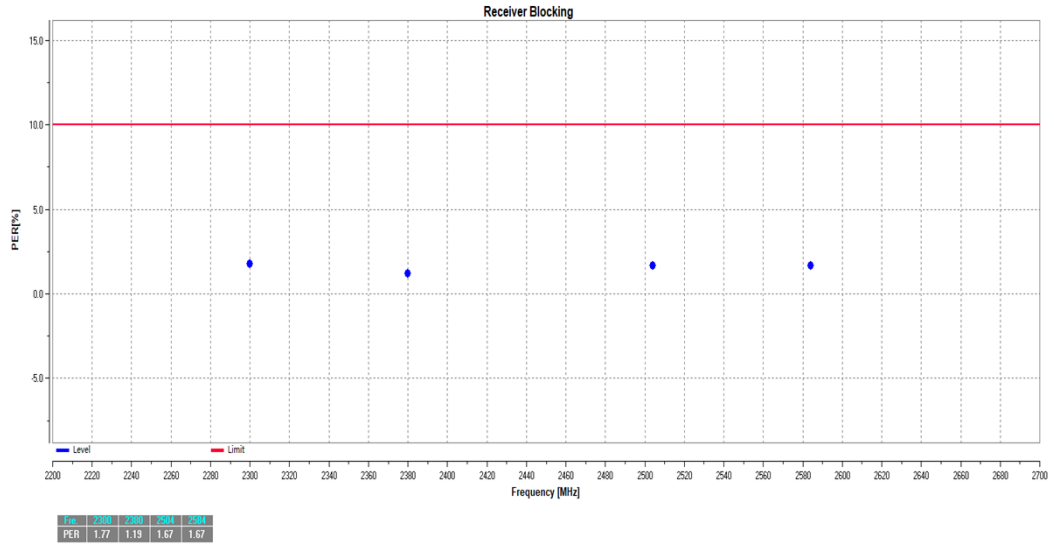
Appendix A.8: Test Results of Receiver Blocking of FHSS

Test Mode	Antenna	Channel	Pmin [dBm]	Wanted signal [dBm]	Freq. [MHz]	CW [dBm]	PER [%]	Limit [%]	Verdict
DH1	Ant1	Hop	---	-67.05	2300	-31.41	1.77	≤10	PASS
			---	-67.05	2380	-31.41	1.09	≤10	PASS
			---	-67.05	2504	-31.41	2.34	≤10	PASS
			---	-67.05	2584	-31.41	1.96	≤10	PASS
2DH1	Ant1	Hop	---	-65.69	2300	-31.41	1.77	≤10	PASS
			---	-65.69	2380	-31.41	1.19	≤10	PASS
			---	-65.69	2504	-31.41	1.67	≤10	PASS
			---	-65.69	2584	-31.41	1.67	≤10	PASS

DH1_Ant1_Hop



2DH1_Ant1_Hop



Note: The EUT belong category 2 receiver.

Appendix B

Test Results of Bluetooth Low Energy

Content

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1 Appendix B.1 : RF output power

The RF output power is the mean equivalent isotopically radiated power (EIRP) during a transmission burst. Only the worst case for all test modes reported.

Test Condition	Test Mode	Antenna	Frequency [MHz]	Burst Power [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
NTNV	BLE_1M	Ant1	2402	5.63	8.22	20	PASS
			2440	6.79	9.38	20	PASS
			2480	6.11	8.70	20	PASS
	BLE_2M	Ant1	2404	5.79	8.38	20	PASS
			2440	6.86	9.45	20	PASS
			2478	6.39	8.98	20	PASS
LTNV	BLE_1M	Ant1	2402	5.61	8.20	20	PASS
			2440	6.79	9.38	20	PASS
			2480	6.10	8.69	20	PASS
	BLE_2M	Ant1	2404	5.79	8.38	20	PASS
			2440	6.86	9.45	20	PASS
			2478	6.39	8.98	20	PASS
HTNV	BLE_1M	Ant1	2402	5.64	8.23	20	PASS
			2440	6.79	9.38	20	PASS
			2480	6.17	8.76	20	PASS
	BLE_2M	Ant1	2404	5.79	8.38	20	PASS
			2440	6.86	9.45	20	PASS
			2478	6.39	8.98	20	PASS

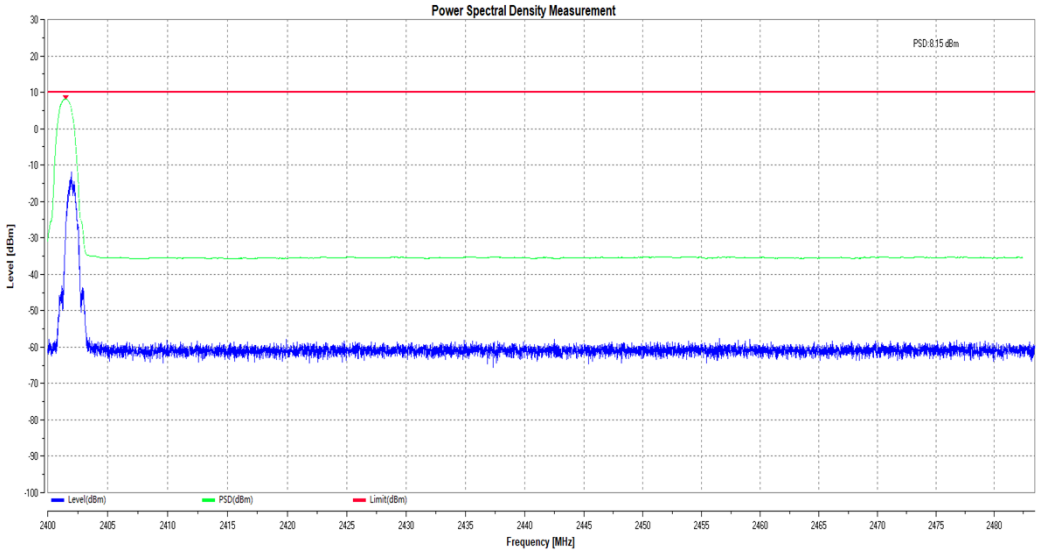
Note: EIRP = Measured Highest Pburst Values + Antenna Gain

2 Appendix B.2: Power density

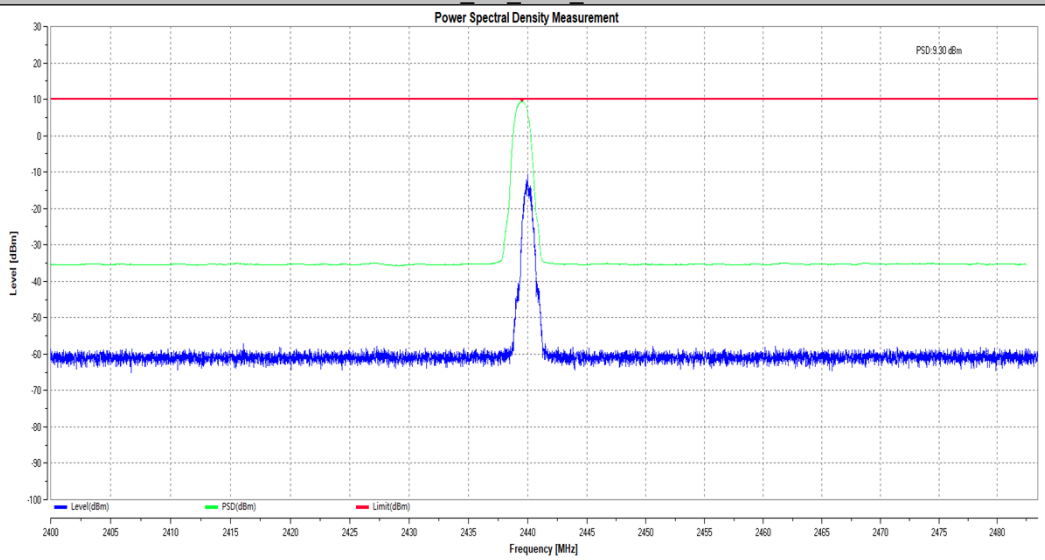
The power density is the mean Equivalent Isotropically Radiated Power (EIRP) density during a transmission burst. Only the worst case for all test modes reported.

Test Mode	Antenna	Frequency [MHz]	EIRP PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
BLE_1M	Ant1	2402	8.15	10	PASS
		2440	9.30	10	PASS
		2480	8.63	10	PASS
BLE_2M	Ant1	2404	7.24	10	PASS
		2440	8.32	10	PASS
		2478	7.84	10	PASS

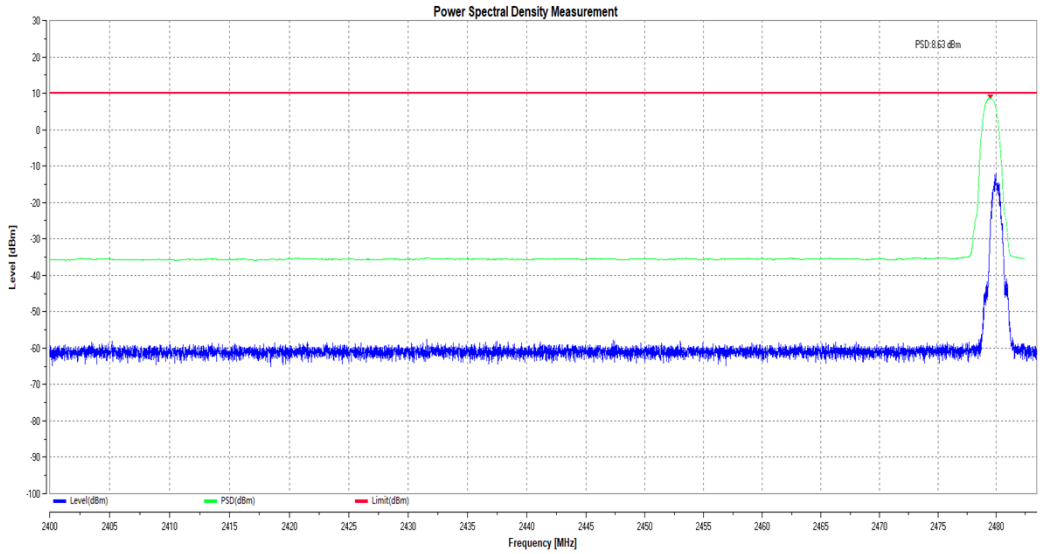
BLE_1M_Ant1_2402



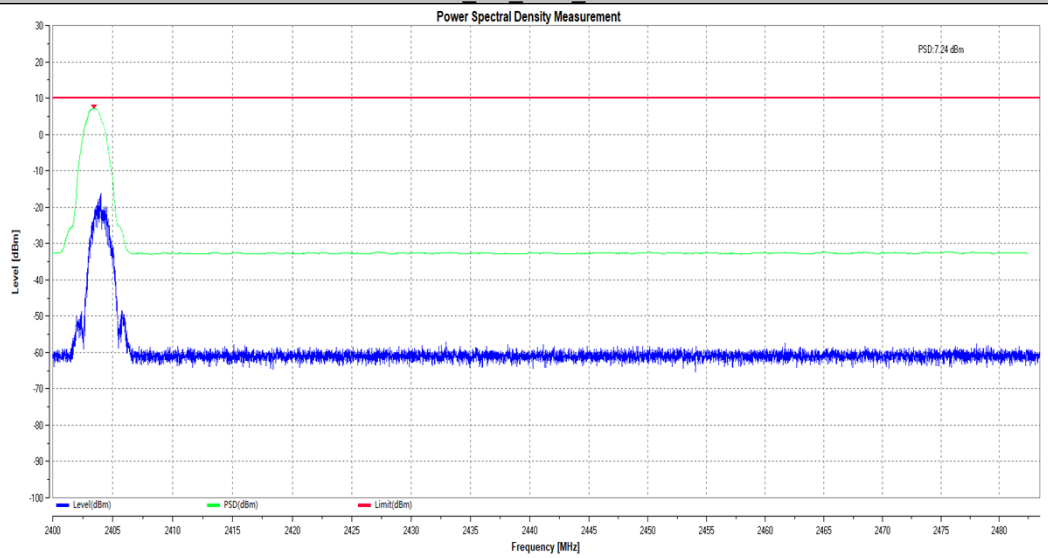
BLE_1M_Ant1_2440



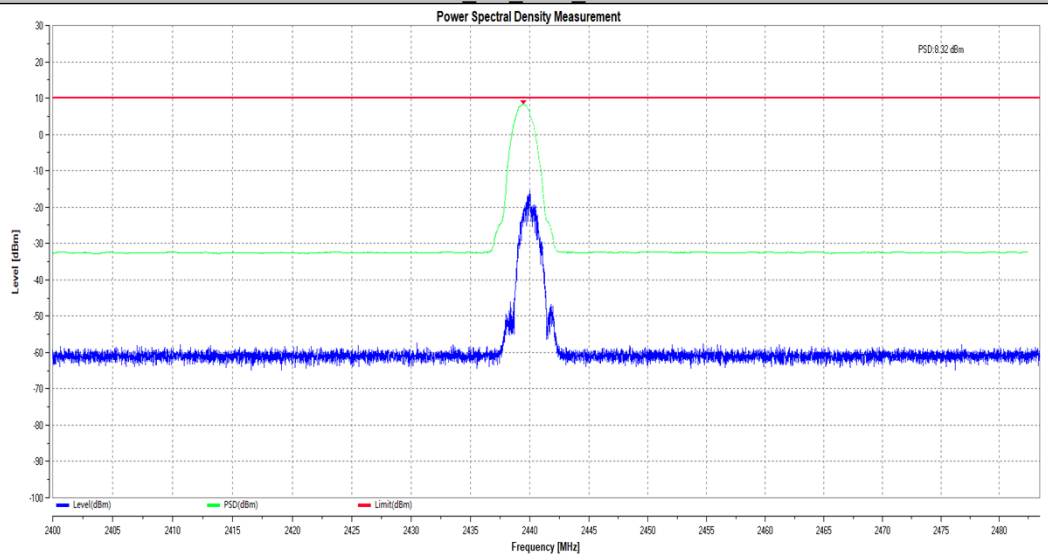
BLE_1M_Ant1_2480



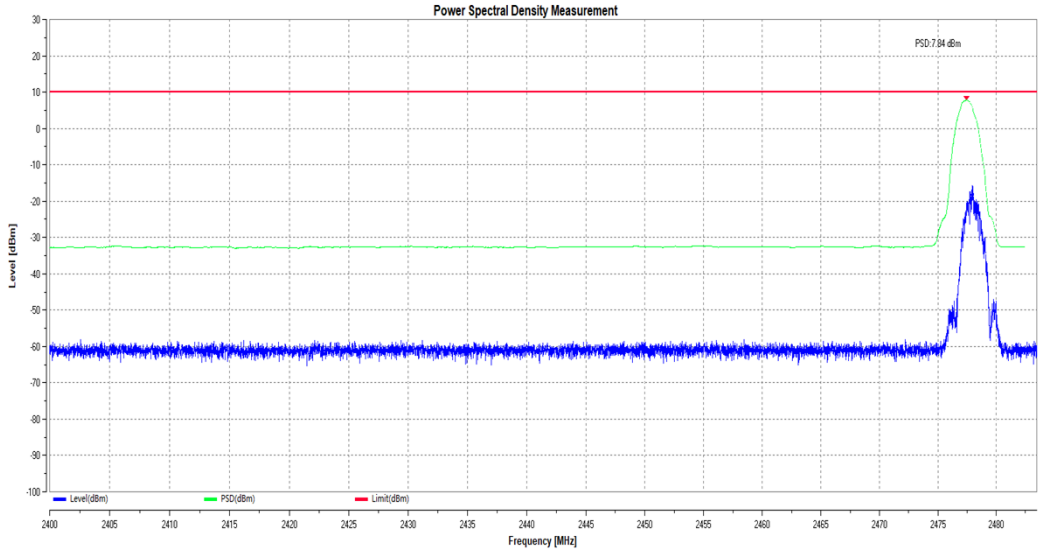
BLE_2M_Ant1_2404



BLE_2M_Ant1_2440



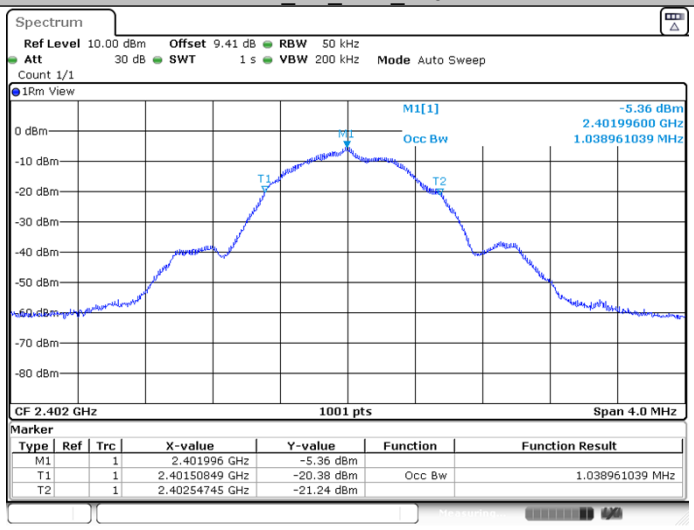
BLE_2M_Ant1_2478



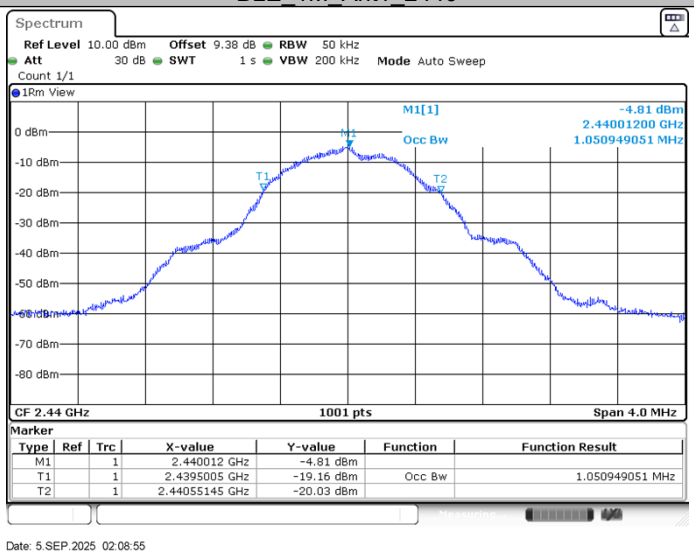
3 Appendix B.3 : Occupied Channel Bandwidth

Test Mode	Antenna	Frequency [MHz]	OCB[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.0390	2401.5085	2402.5475	2400 to 2483.5	PASS
		2440	1.0509	2439.5005	2440.5514	2400 to 2483.5	PASS
		2480	1.0470	2479.5005	2480.5475	2400 to 2483.5	PASS
BLE_2M	Ant1	2404	2.0460	2403.0170	2405.0629	2400 to 2483.5	PASS
		2440	2.0539	2439.0090	2441.0629	2400 to 2483.5	PASS
		2478	2.0500	2477.0090	2479.0589	2400 to 2483.5	PASS

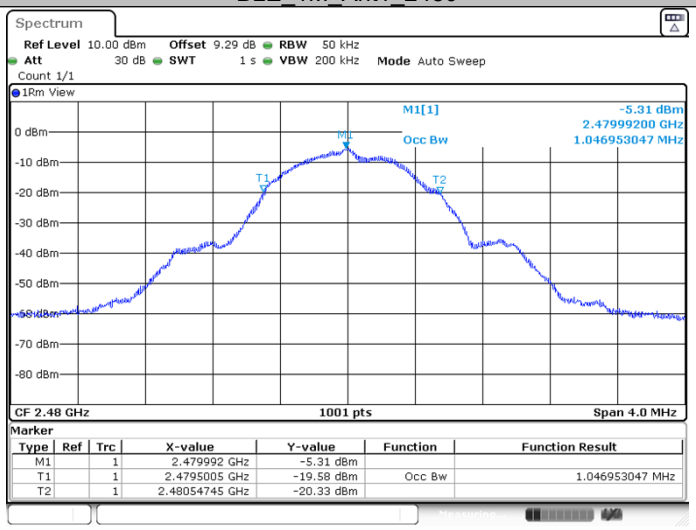
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

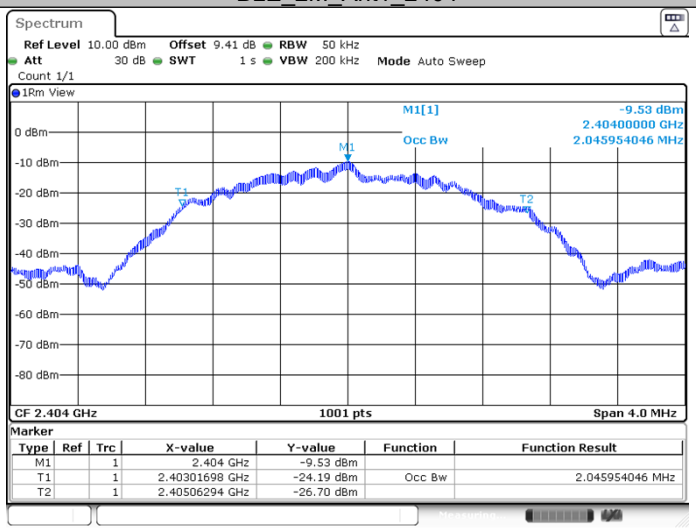


BLE_1M_Ant1_2480



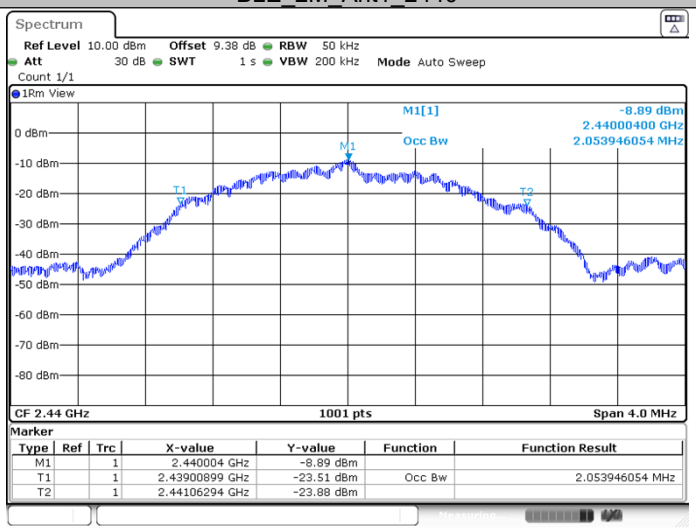
Date: 5.SEP.2025 02:11:19

BLE_2M_Ant1_2404



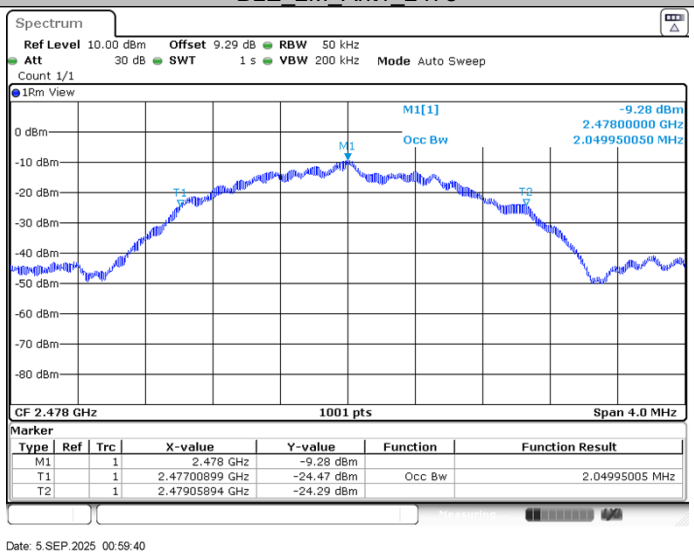
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BLE_2M_Ant1_2440



Date: 5.SEP.2025 00:58:15

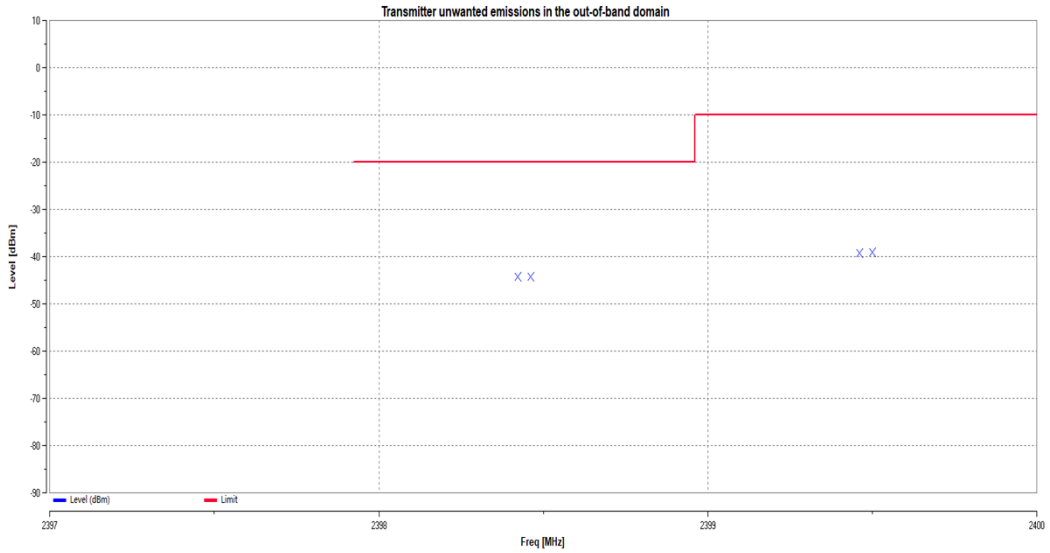
BLE_2M_Ant1_2478



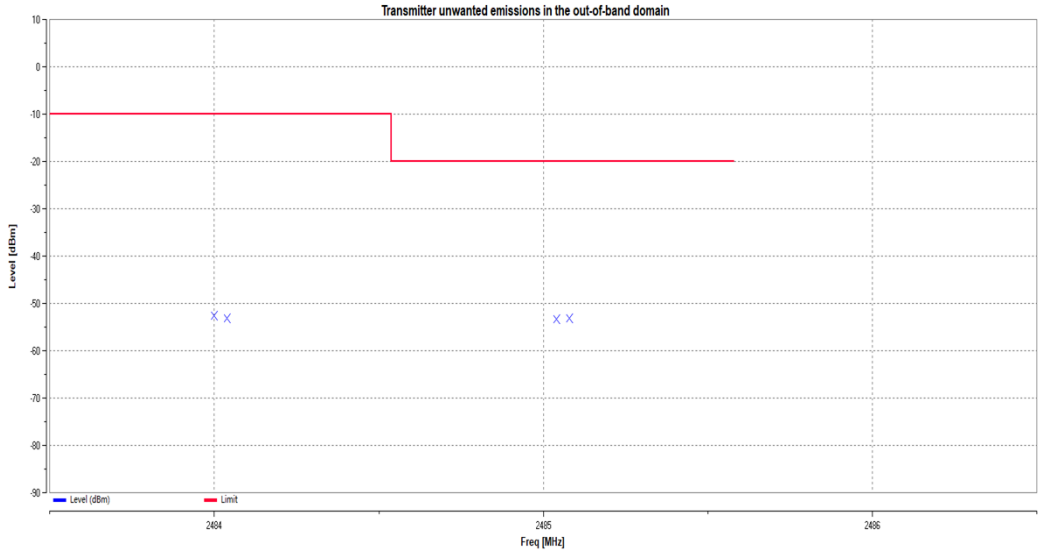
4 Appendix B.4 : Tx unwanted emissions in the out-of-band domain

Test Mode	Antenna	Frequency [MHz]	Frequency [MHz]	Level [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	2398.422	-44.30	-20.00	PASS
			2398.461	-44.27	-20.00	PASS
			2399.461	-39.24	-10.00	PASS
			2399.5	-39.15	-10.00	PASS
			2484	-52.55	-10.00	PASS
			2484.039	-53.21	-10.00	PASS
			2485.039	-53.27	-20.00	PASS
			2485.078	-53.12	-20.00	PASS
		2480	2398.406	-52.84	-20.00	PASS
			2398.453	-52.54	-20.00	PASS
			2399.453	-52.78	-10.00	PASS
			2399.5	-52.89	-10.00	PASS
			2484	-47.41	-10.00	PASS
			2484.047	-47.71	-10.00	PASS
			2485.047	-50.36	-20.00	PASS
			2485.094	-50.16	-20.00	PASS
BLE_2M	Ant1	2404	2396.4	-49.67	-20.00	PASS
			2396.45	-50.54	-20.00	PASS
			2397.45	-41.27	-20.00	PASS
			2398.45	-41.39	-10.00	PASS
			2398.5	-41.71	-10.00	PASS
			2399.5	-47.16	-10.00	PASS
			2484	-52.61	-10.00	PASS
			2485	-53.10	-10.00	PASS
			2485.05	-52.20	-10.00	PASS
			2486.05	-53.21	-20.00	PASS
			2487.05	-52.87	-20.00	PASS
			2487.1	-53.07	-20.00	PASS

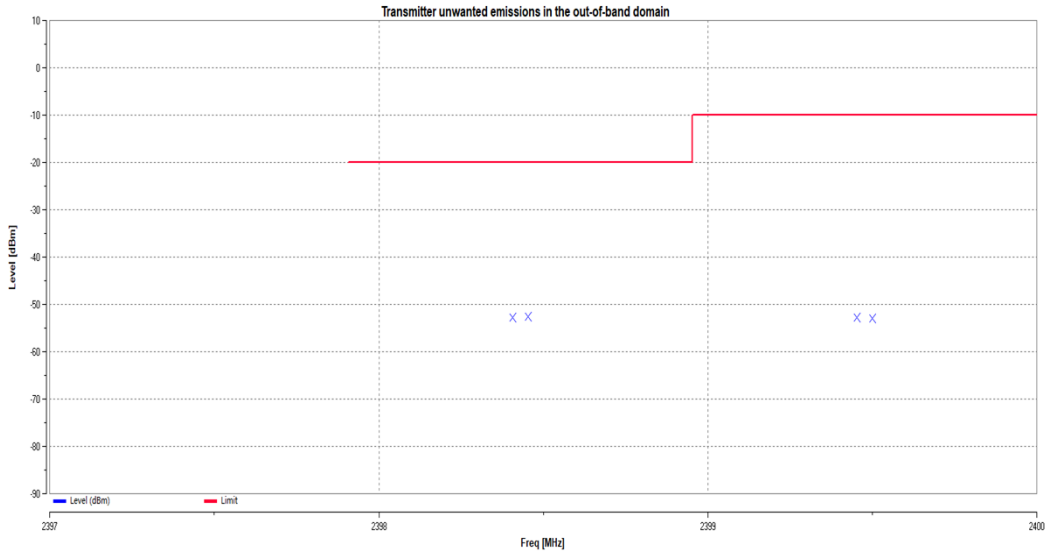
BLE_1M_Ant1_2402_2400MHz-2BW to 2400MHz



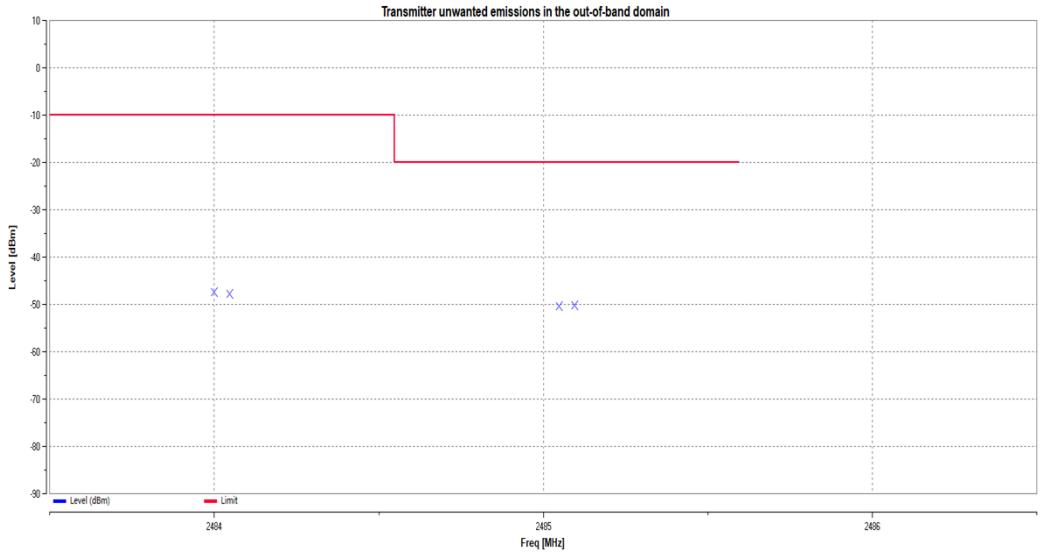
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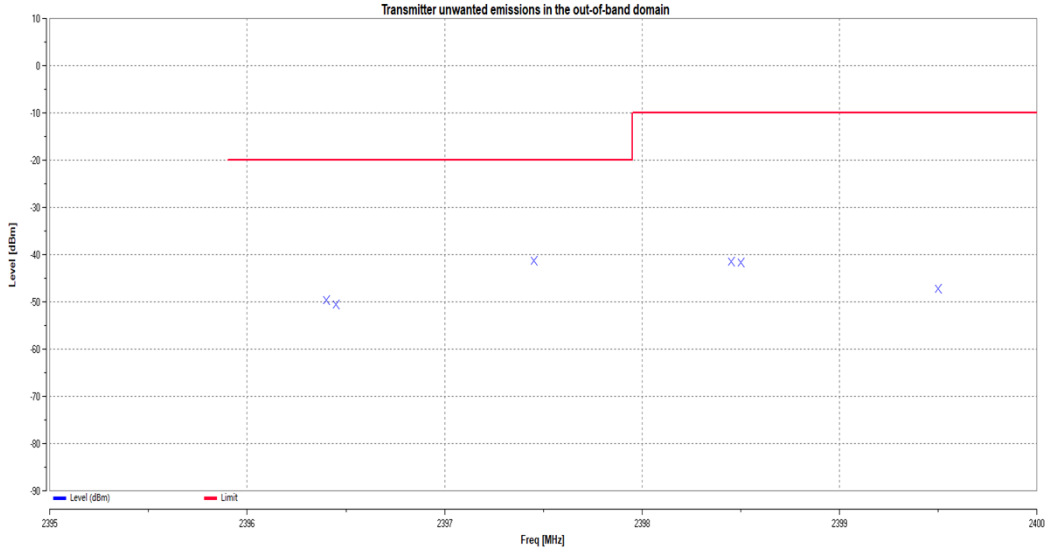
BLE_1M_Ant1_2480_2400MHz-2BW to 2400MHz



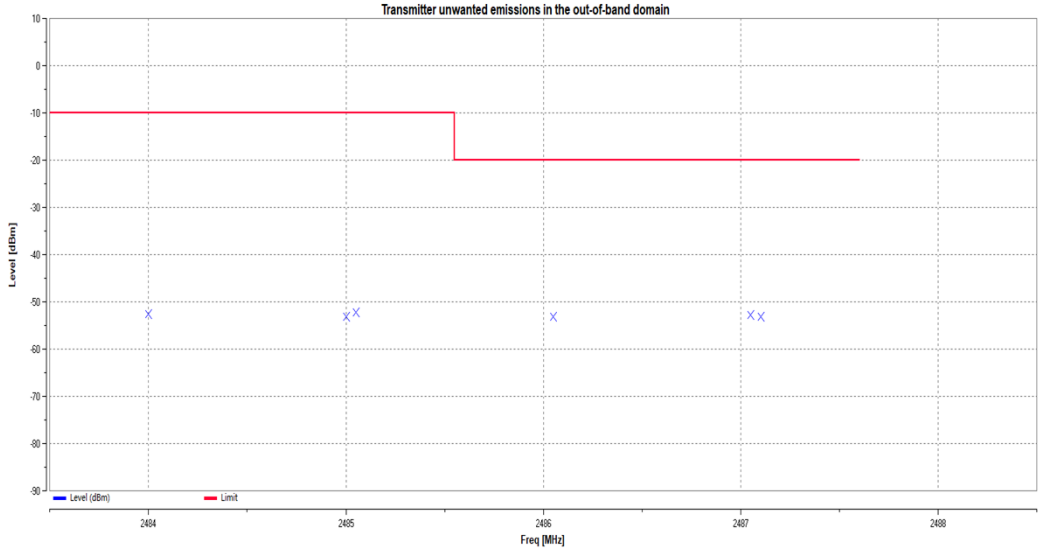
BLE_1M_Ant1_2480_2483.5MHz to 2483.5MHz+2BW



BLE_2M_Ant1_2404_2400MHz-2BW to 2400MHz



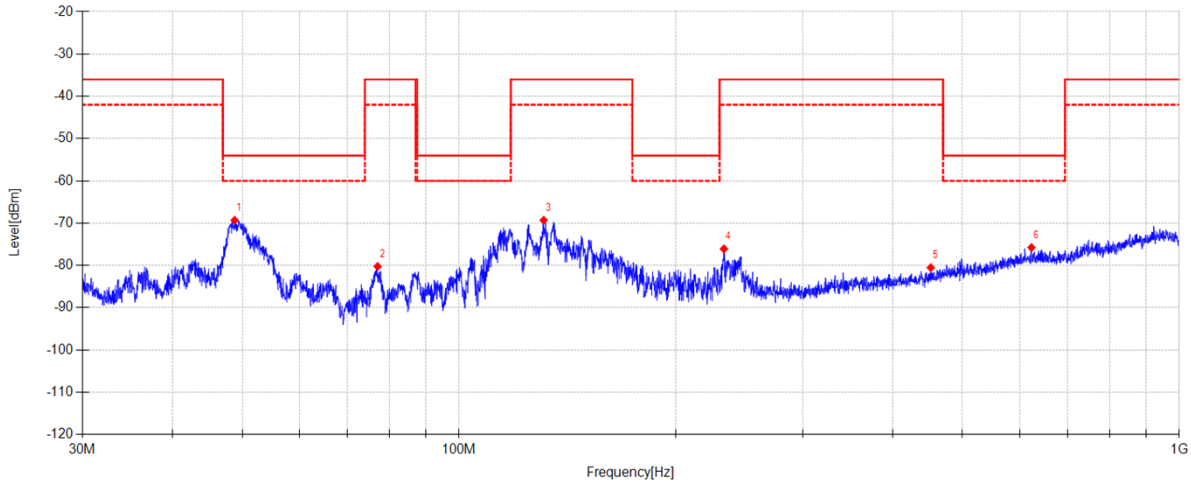
BLE_2M_Ant1_2404_2483.5MHz to 2483.5MHz+2BW



5 Appendix B.5 : Transmitter unwanted emissions

Note: The EUT without antenna connectors.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE2M 2478MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\9		
Memo:	Sample Number:S25103018-006		

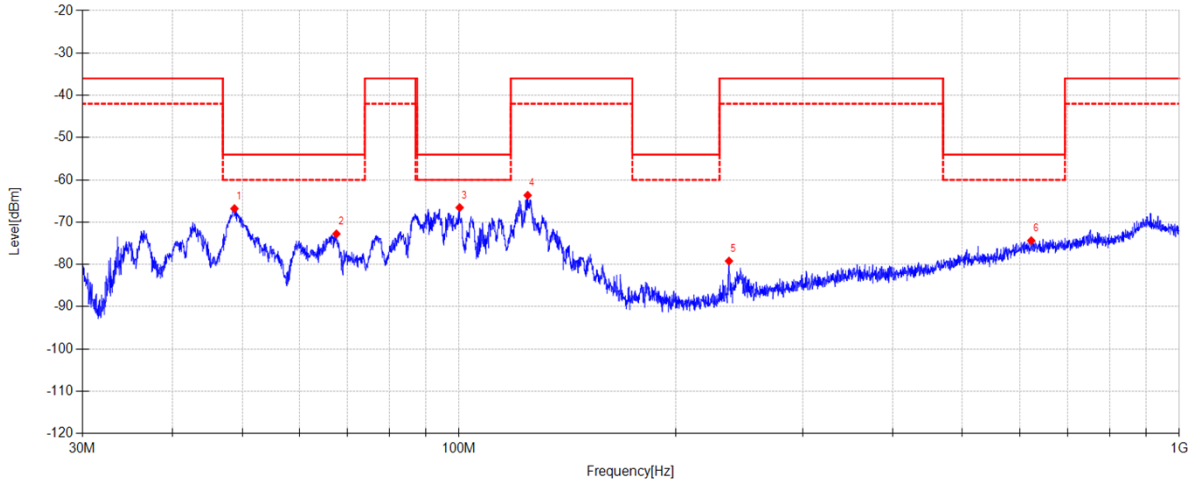


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.804	41.95	-111.27	-69.32	-54.00	15.32	PK	Horizontal	ERP
2	77.090	38.31	-118.55	-80.24	-36.00	44.24	PK	Horizontal	ERP
3	131.074	48.85	-118.15	-69.30	-36.00	33.30	PK	Horizontal	ERP
4	233.253	37.91	-113.99	-76.08	-36.00	40.08	PK	Horizontal	ERP
5	451.840	28.36	-108.87	-80.51	-36.00	44.51	PK	Horizontal	ERP
6	623.386	29.00	-104.75	-75.75	-54.00	21.75	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE2M 2478MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\10		
Memo:	Sample Number:S25103018-006		

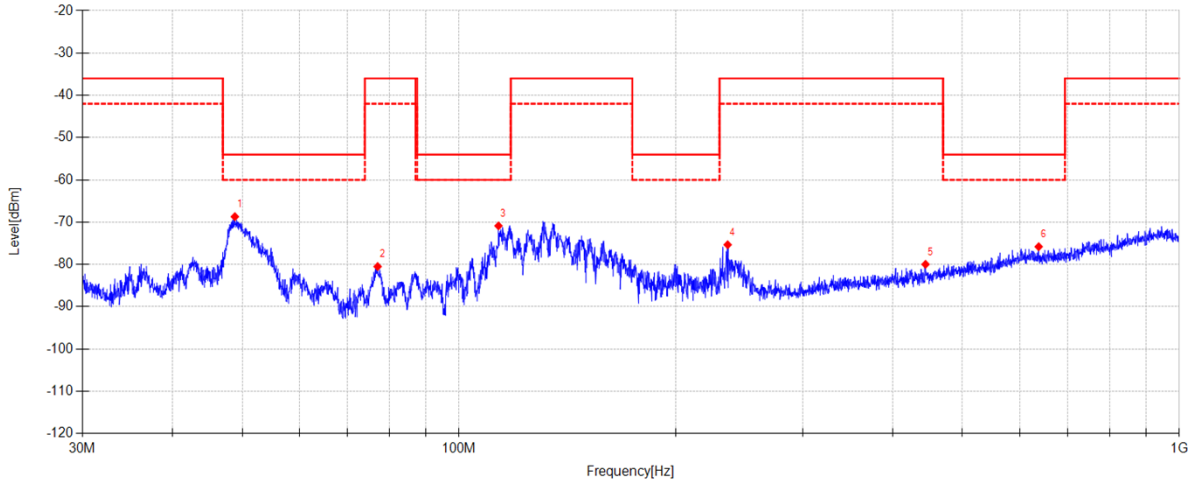


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.770	49.23	-116.03	-66.80	-54.00	12.80	PK	Vertical	ERP
2	67.569	45.30	-118.08	-72.78	-54.00	18.78	PK	Vertical	ERP
3	100.204	44.68	-111.24	-66.56	-54.00	12.56	PK	Vertical	ERP
4	124.534	49.28	-112.94	-63.66	-36.00	27.66	PK	Vertical	ERP
5	237.045	34.44	-113.63	-79.19	-36.00	43.19	PK	Vertical	ERP
6	622.949	28.09	-102.46	-74.37	-54.00	20.37	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE2M 2404MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\11		
Memo:	Sample Number:S25103018-006		

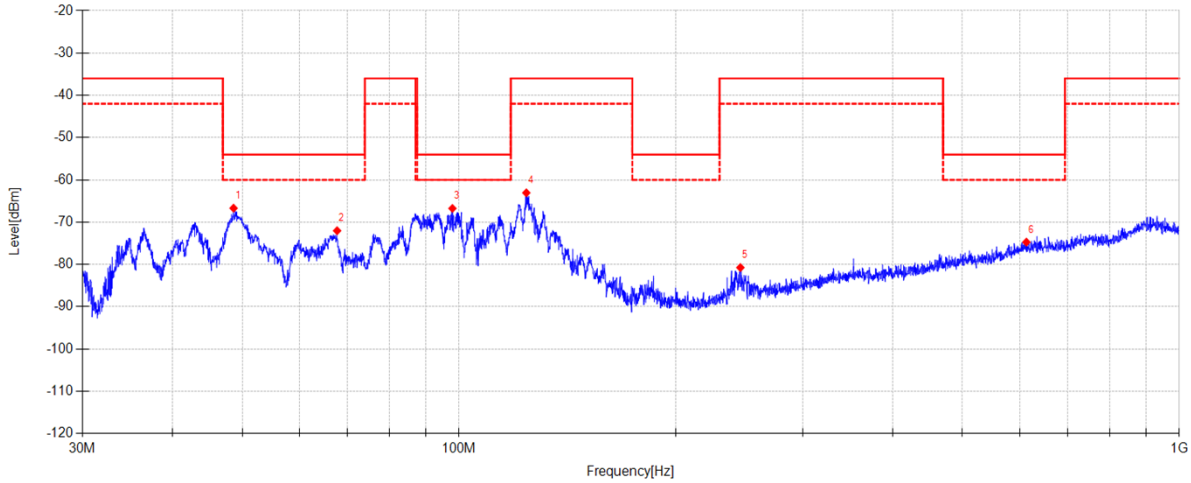


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.838	42.57	-111.27	-68.70	-54.00	14.70	PK	Horizontal	ERP
2	77.090	38.05	-118.55	-80.50	-36.00	44.50	PK	Horizontal	ERP
3	113.445	46.16	-117.03	-70.87	-54.00	16.87	PK	Horizontal	ERP
4	236.050	38.46	-113.80	-75.34	-36.00	39.34	PK	Horizontal	ERP
5	444.300	29.01	-108.98	-79.97	-36.00	43.97	PK	Horizontal	ERP
6	637.978	28.87	-104.67	-75.80	-54.00	21.80	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE2M 2404MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\12		
Memo:	Sample Number:S25103018-006		

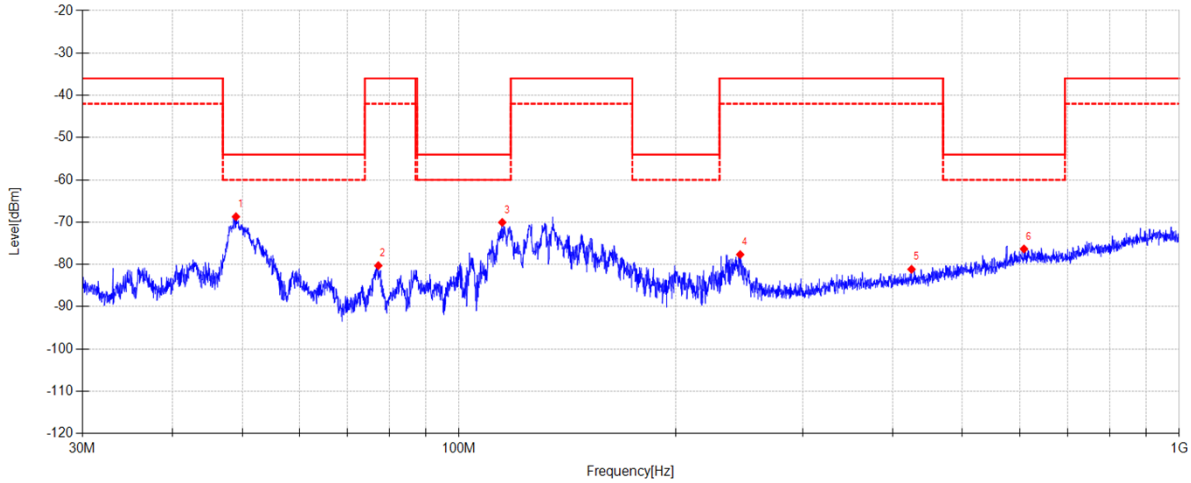


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.633	49.35	-116.04	-66.69	-54.00	12.69	PK	Vertical	ERP
2	67.712	46.10	-118.13	-72.03	-54.00	18.03	PK	Vertical	ERP
3	97.912	44.86	-111.61	-66.75	-54.00	12.75	PK	Vertical	ERP
4	124.011	49.85	-112.91	-63.06	-36.00	27.06	PK	Vertical	ERP
5	245.847	32.65	-113.39	-80.74	-36.00	44.74	PK	Vertical	ERP
6	613.413	27.83	-102.56	-74.73	-54.00	20.73	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\13		
Memo:	Sample Number:S25103018-006		

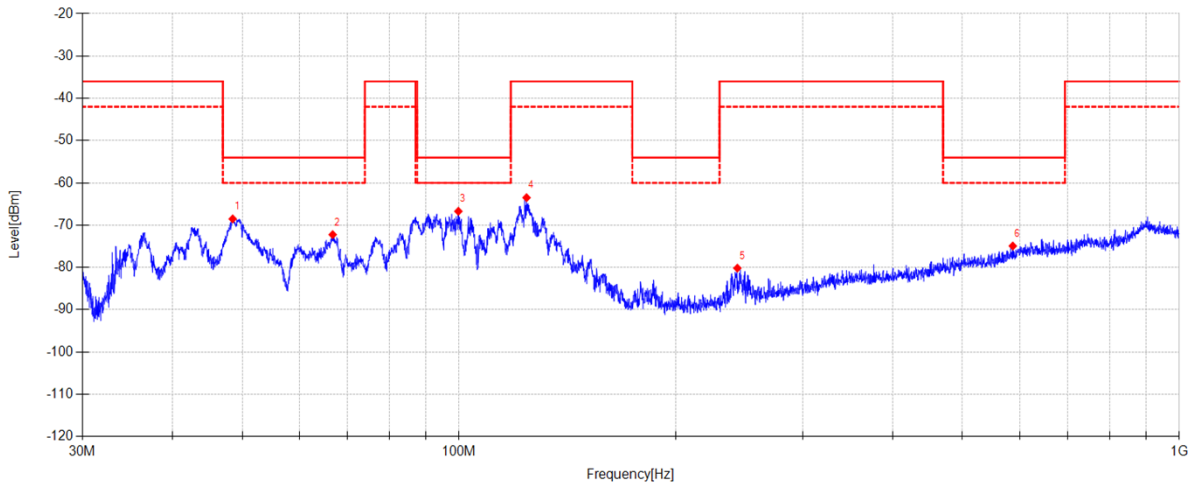


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	49.010	42.55	-111.25	-68.70	-54.00	14.70	PK	Horizontal	ERP
2	77.252	38.26	-118.55	-80.29	-36.00	44.29	PK	Horizontal	ERP
3	114.805	47.07	-117.12	-70.05	-54.00	16.05	PK	Horizontal	ERP
4	245.675	35.47	-113.13	-77.66	-36.00	41.66	PK	Horizontal	ERP
5	424.803	28.03	-109.17	-81.14	-36.00	45.14	PK	Horizontal	ERP
6	608.700	28.47	-104.81	-76.34	-54.00	22.34	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\14		
Memo:	Sample Number:S25103018-006		

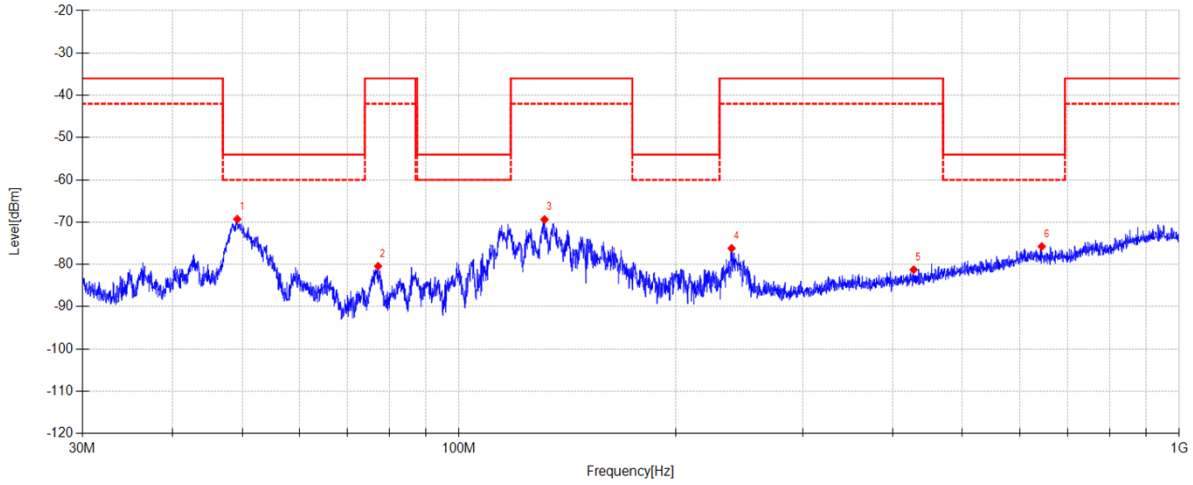


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.497	47.53	-116.05	-68.52	-54.00	14.52	PK	Vertical	ERP
2	66.769	45.61	-117.85	-72.24	-54.00	18.24	PK	Vertical	ERP
3	99.784	44.53	-111.26	-66.73	-54.00	12.73	PK	Vertical	ERP
4	124.098	49.41	-112.91	-63.50	-36.00	27.50	PK	Vertical	ERP
5	243.446	33.30	-113.46	-80.16	-36.00	44.16	PK	Vertical	ERP
6	587.318	28.39	-103.31	-74.92	-54.00	20.92	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE1M 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\15		
Memo:	Sample Number:S25103018-006		

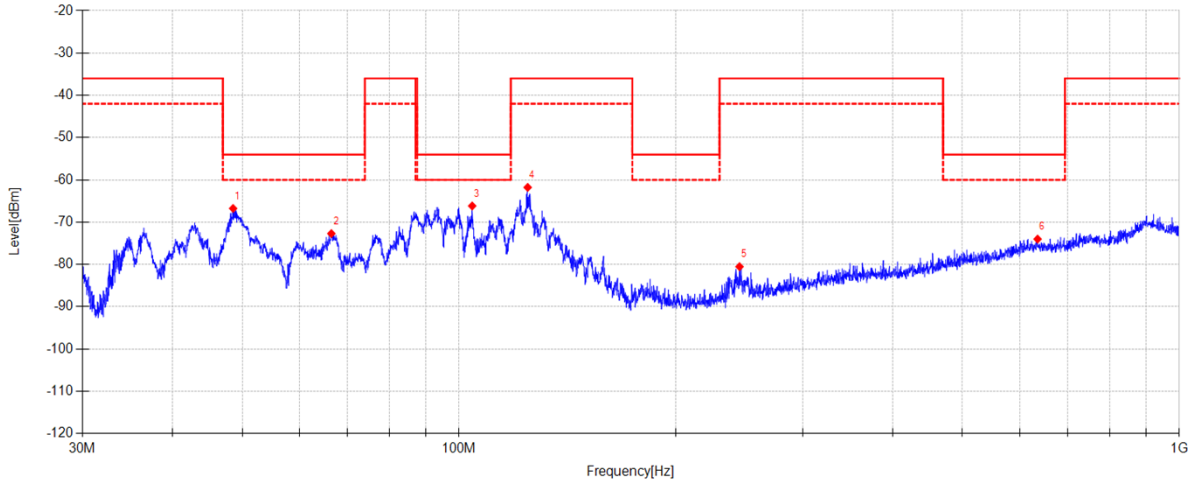


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	49.216	41.91	-111.21	-69.30	-54.00	15.30	PK	Horizontal	ERP
2	77.198	38.13	-118.55	-80.42	-36.00	44.42	PK	Horizontal	ERP
3	131.442	48.81	-118.18	-69.37	-36.00	33.37	PK	Horizontal	ERP
4	239.048	37.39	-113.58	-76.19	-36.00	40.19	PK	Horizontal	ERP
5	427.792	27.91	-109.15	-81.24	-36.00	45.24	PK	Horizontal	ERP
6	644.272	28.90	-104.65	-75.75	-54.00	21.75	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE1M 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\16		
Memo:	Sample Number:S25103018-006		

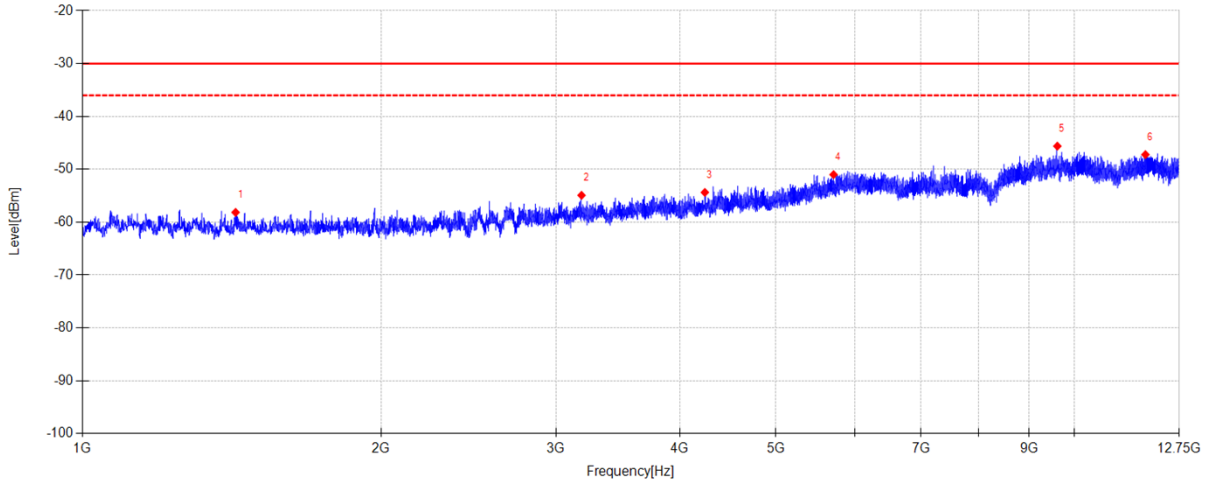


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.565	49.29	-116.05	-66.76	-54.00	12.76	PK	Vertical	ERP
2	66.488	45.06	-117.76	-72.70	-54.00	18.70	PK	Vertical	ERP
3	104.290	45.36	-111.52	-66.16	-54.00	12.16	PK	Vertical	ERP
4	124.534	51.16	-112.94	-61.78	-36.00	25.78	PK	Vertical	ERP
5	245.159	32.89	-113.41	-80.52	-36.00	44.52	PK	Vertical	ERP
6	635.746	28.30	-102.30	-74.00	-54.00	20.00	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\1		
Memo:	Sample Number:S25103018-006 Power Setting:10		

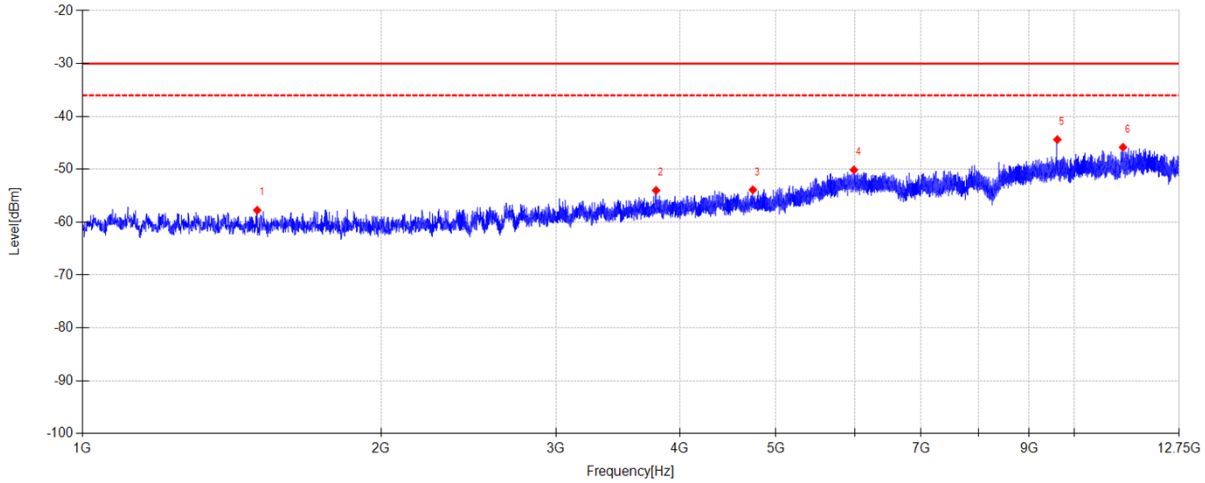


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1426.917	46.40	-104.55	-58.15	**-30.00**	28.15	PK	Horizontal	EIRP
2	3184.521	47.47	-102.39	-54.92	**-30.00**	24.92	PK	Horizontal	EIRP
3	4239.573	46.06	-100.43	-54.37	**-30.00**	24.37	PK	Horizontal	EIRP
4	5715.667	44.32	-95.32	-51.00	**-30.00**	21.00	PK	Horizontal	EIRP
5	9608.344	43.68	-89.30	-45.62	**-30.00**	15.62	PK	Horizontal	EIRP
6	11786.500	41.43	-88.65	-47.22	**-30.00**	17.22	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE1M 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\2		
Memo:	Sample Number:S25103018-006 Power Setting:10		

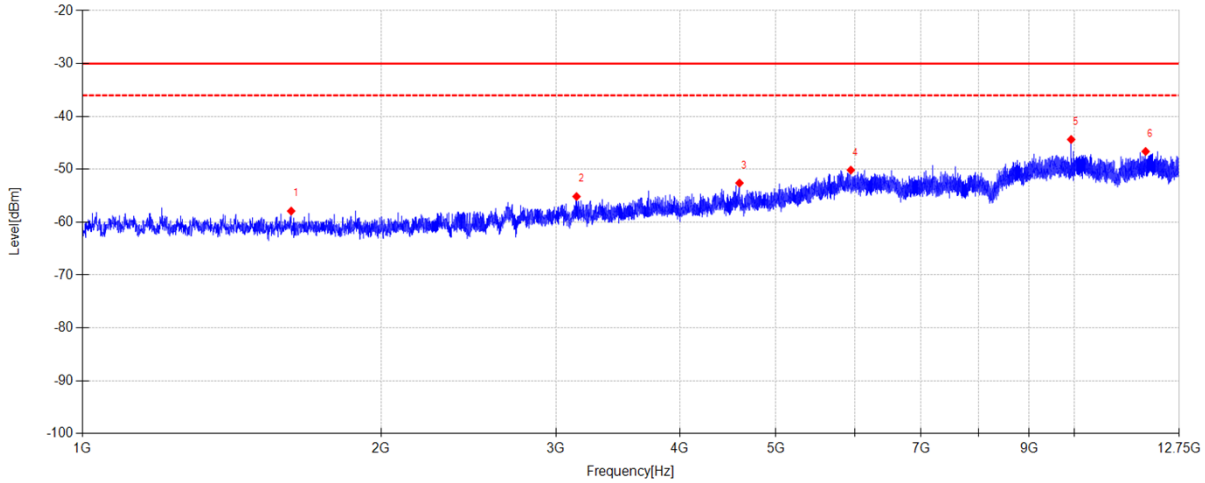


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1500.354	46.49	-104.24	-57.75	**-30.00**	27.75	PK	Vertical	EIRP
2	3785.729	47.45	-101.44	-53.99	**-30.00**	23.99	PK	Vertical	EIRP
3	4739.438	45.55	-99.43	-53.88	**-30.00**	23.88	PK	Vertical	EIRP
4	5991.792	44.00	-94.11	-50.11	**-30.00**	20.11	PK	Vertical	EIRP
5	9607.854	45.35	-89.73	-44.38	**-30.00**	14.38	PK	Vertical	EIRP
6	11188.719	42.18	-88.01	-45.83	**-30.00**	15.83	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE1M 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\3		
Memo:	Sample Number:S25103018-006 Power Setting:10		

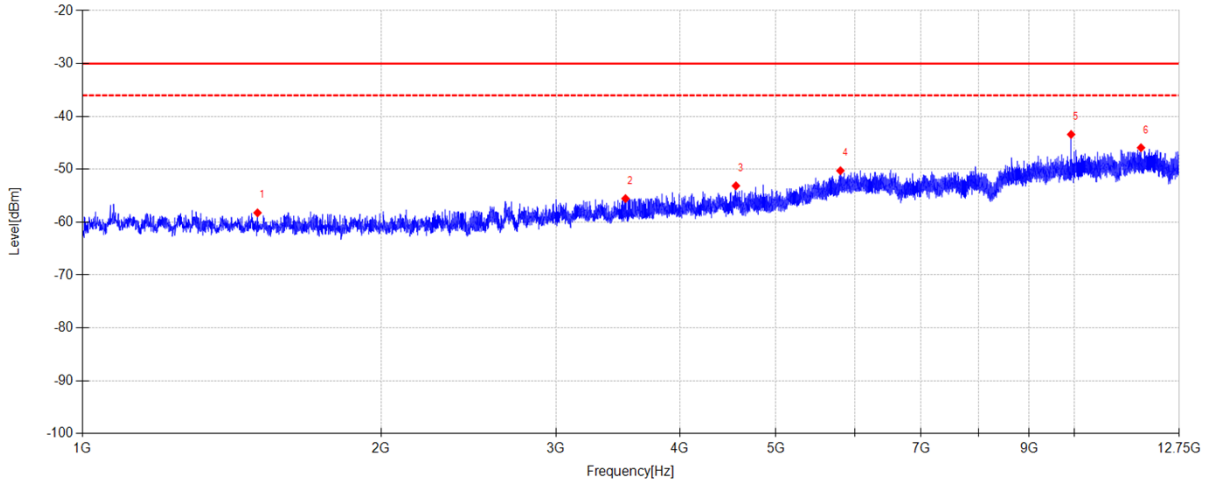


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1623.240	46.70	-104.60	-57.90	**-30.00**	27.90	PK	Horizontal	EIRP
2	3147.802	47.30	-102.45	-55.15	**-30.00**	25.15	PK	Horizontal	EIRP
3	4594.031	46.86	-99.46	-52.60	**-30.00**	22.60	PK	Horizontal	EIRP
4	5949.198	44.18	-94.33	-50.15	**-30.00**	20.15	PK	Horizontal	EIRP
5	9920.208	44.75	-89.11	-44.36	**-30.00**	14.36	PK	Horizontal	EIRP
6	11792.375	42.01	-88.64	-46.63	**-30.00**	16.63	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE1M 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\4		
Memo:	Sample Number:S25103018-006 Power Setting:10		

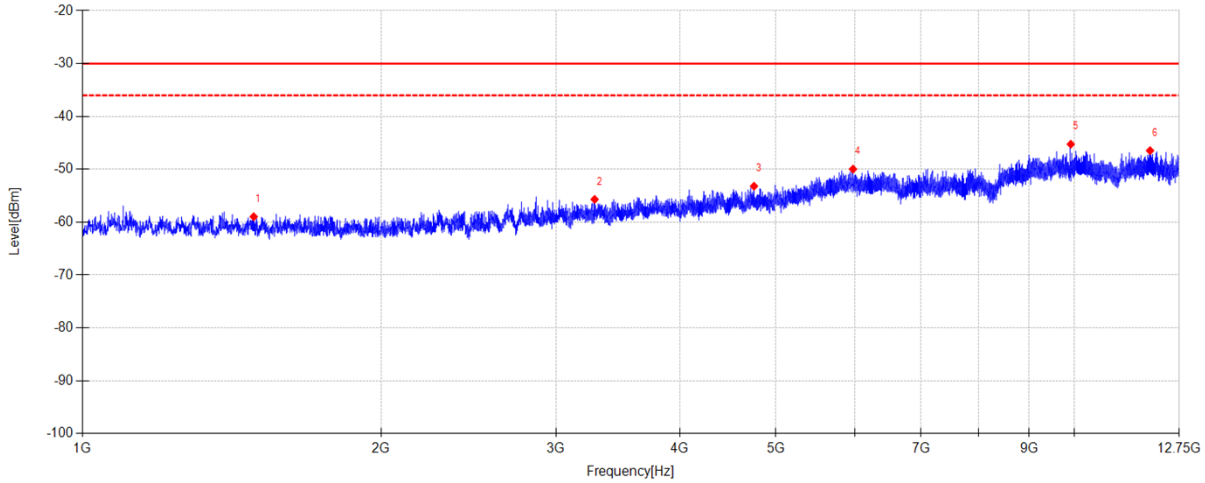


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1501.333	46.00	-104.24	-58.24	**-30.00**	28.24	PK	Vertical	EIRP
2	3526.740	46.29	-101.83	-55.54	**-30.00**	25.54	PK	Vertical	EIRP
3	4556.823	46.73	-99.85	-53.12	**-30.00**	23.12	PK	Vertical	EIRP
4	5807.219	44.74	-95.00	-50.26	**-30.00**	20.26	PK	Vertical	EIRP
5	9919.719	46.19	-89.59	-43.40	**-30.00**	13.40	PK	Vertical	EIRP
6	11666.063	42.02	-87.94	-45.92	**-30.00**	15.92	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE2M 2478MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\5		
Memo:	Sample Number:S25103018-006 Power Setting:10		

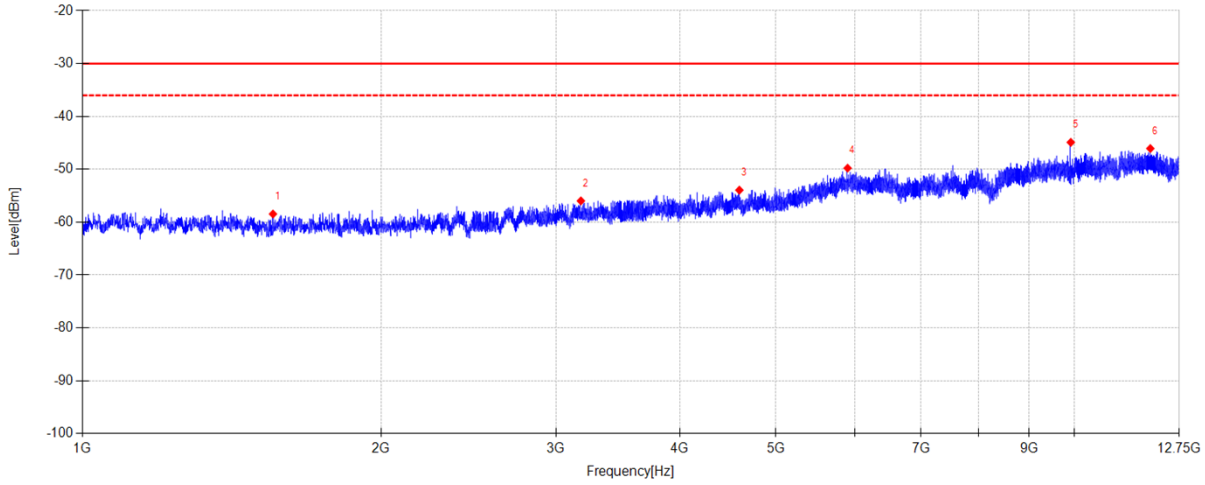


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1488.115	45.60	-104.57	-58.97	**-30.00**	28.97	PK	Horizontal	EIRP
2	3282.927	46.54	-102.23	-55.69	**-30.00**	25.69	PK	Horizontal	EIRP
3	4752.167	45.83	-99.03	-53.20	**-30.00**	23.20	PK	Horizontal	EIRP
4	5979.552	44.23	-94.19	-49.96	**-30.00**	19.96	PK	Horizontal	EIRP
5	9912.375	43.86	-89.11	-45.25	**-30.00**	15.25	PK	Horizontal	EIRP
6	11914.281	42.05	-88.52	-46.47	**-30.00**	16.47	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE2M 2478MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\6		
Memo:	Sample Number:S25103018-006 Power Setting:10		

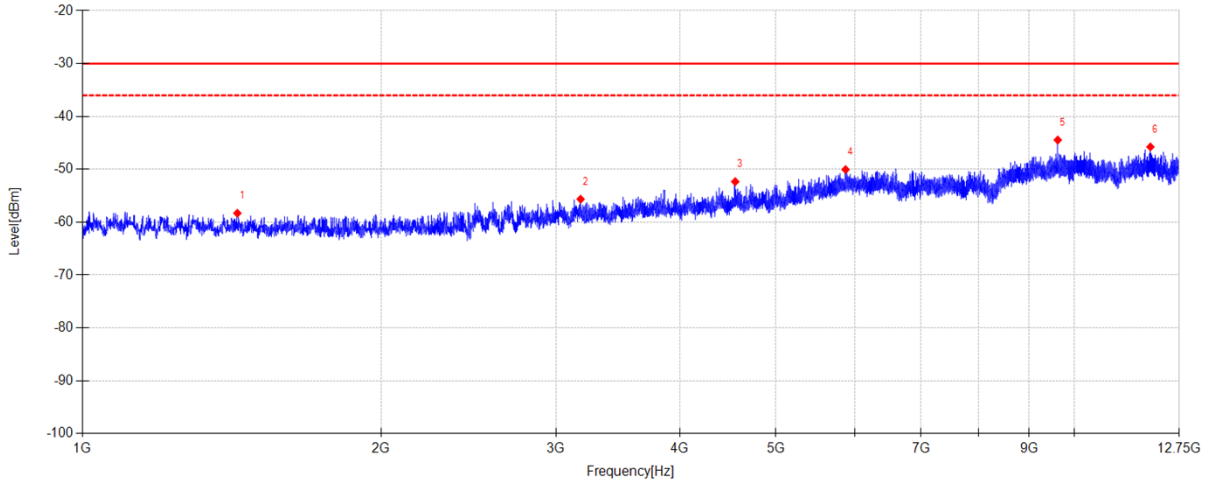


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1556.167	45.81	-104.27	-58.46	**-30.00**	28.46	PK	Vertical	EIRP
2	3180.115	46.38	-102.36	-55.98	**-30.00**	25.98	PK	Vertical	EIRP
3	4593.542	45.83	-99.77	-53.94	**-30.00**	23.94	PK	Vertical	EIRP
4	5905.135	44.76	-94.54	-49.78	**-30.00**	19.78	PK	Vertical	EIRP
5	9911.885	44.70	-89.60	-44.90	**-30.00**	14.90	PK	Vertical	EIRP
6	11921.625	41.84	-87.91	-46.07	**-30.00**	16.07	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE2M 2404MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\7		
Memo:	Sample Number:S25103018-006 Power Setting:10		

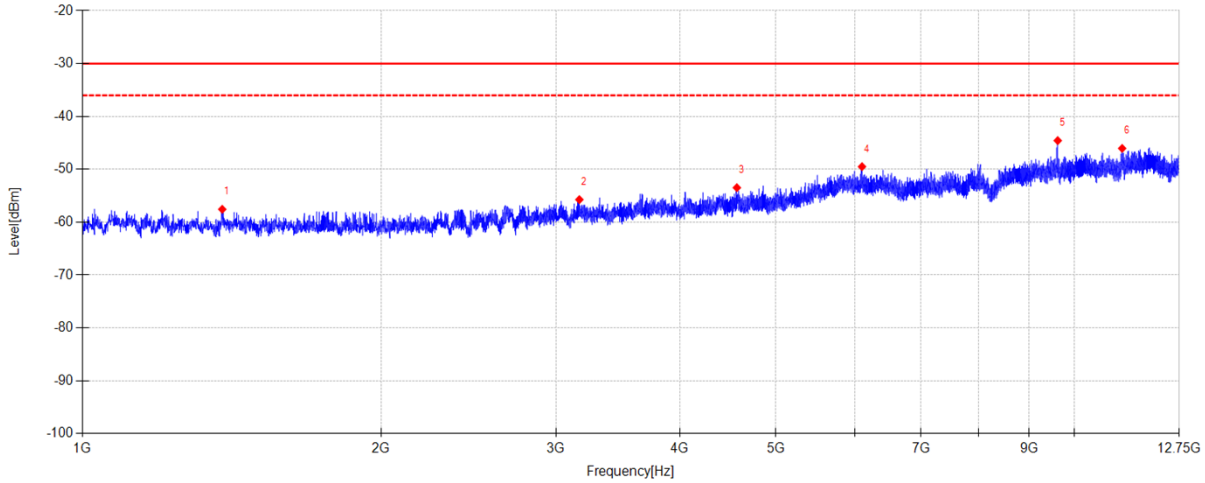


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1432.792	46.25	-104.56	-58.31	**-30.00**	28.31	PK	Horizontal	EIRP
2	3177.667	46.76	-102.41	-55.65	**-30.00**	25.65	PK	Horizontal	EIRP
3	4549.479	47.24	-99.58	-52.34	**-30.00**	22.34	PK	Horizontal	EIRP
4	5877.229	44.58	-94.63	-50.05	**-30.00**	20.05	PK	Horizontal	EIRP
5	9616.177	44.83	-89.29	-44.46	**-30.00**	14.46	PK	Horizontal	EIRP
6	11924.073	42.75	-88.51	-45.76	**-30.00**	15.76	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	TX BLE2M 2404MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\8		
Memo:	Sample Number:S25103018-006 Power Setting:10		



Suspected Data List

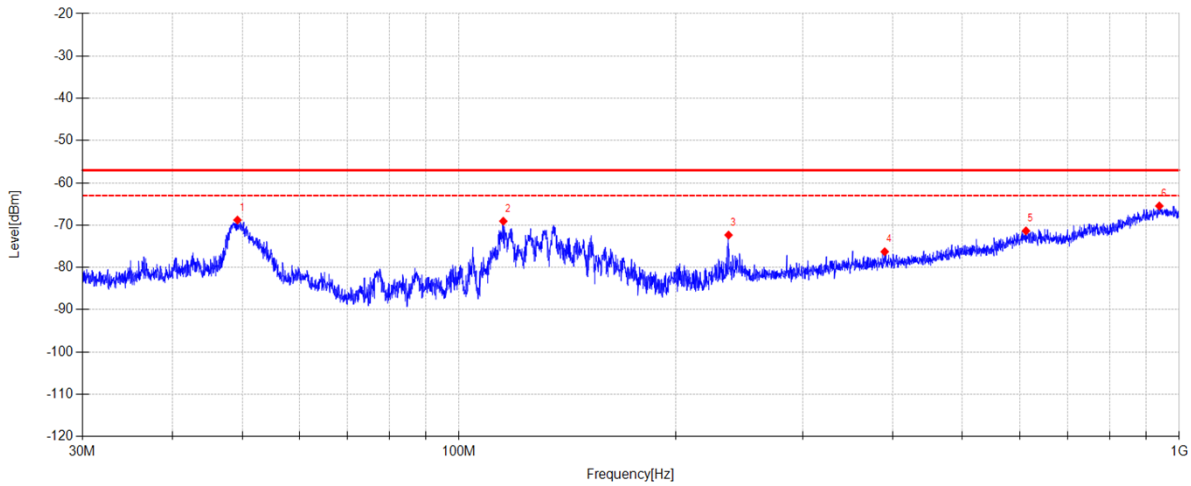
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1383.344	46.63	-104.20	-57.57	**-30.00**	27.57	PK	Vertical	EIRP
2	3168.365	46.64	-102.38	-55.74	**-30.00**	25.74	PK	Vertical	EIRP
3	4566.615	46.35	-99.83	-53.48	**-30.00**	23.48	PK	Vertical	EIRP
4	6105.865	44.66	-94.16	-49.50	**-30.00**	19.50	PK	Vertical	EIRP
5	9616.177	45.16	-89.73	-44.57	**-30.00**	14.57	PK	Vertical	EIRP
6	11167.177	41.97	-88.01	-46.04	**-30.00**	16.04	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

6 Appendix B.6 : Receiver spurious emissions

Note: The EUT without antenna connectors.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE1M 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\1		
Memo:	Sample Number:S25103018-006		

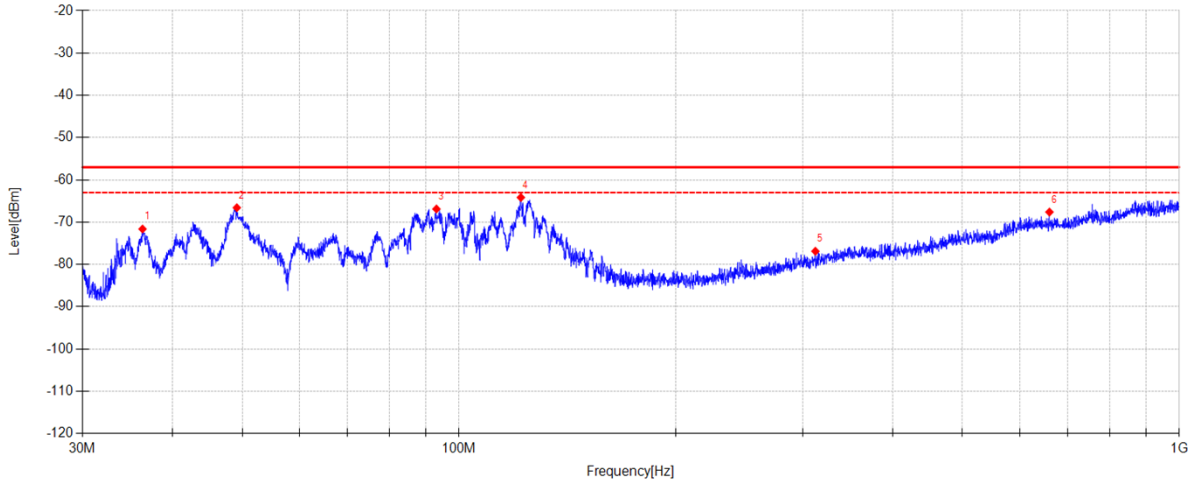


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	49.251	42.41	-111.21	-68.80	-57.00	11.80	PK	Horizontal	ERP
2	115.209	48.09	-117.15	-69.06	-57.00	12.06	PK	Horizontal	ERP
3	236.713	41.40	-113.74	-72.34	-57.00	15.34	PK	Horizontal	ERP
4	389.975	33.29	-109.57	-76.28	-57.00	19.28	PK	Horizontal	ERP
5	612.554	33.44	-104.79	-71.35	-57.00	14.35	PK	Horizontal	ERP
6	938.186	33.69	-99.16	-65.47	-57.00	8.47	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE1M 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\2		
Memo:	Sample Number:S25103018-006		

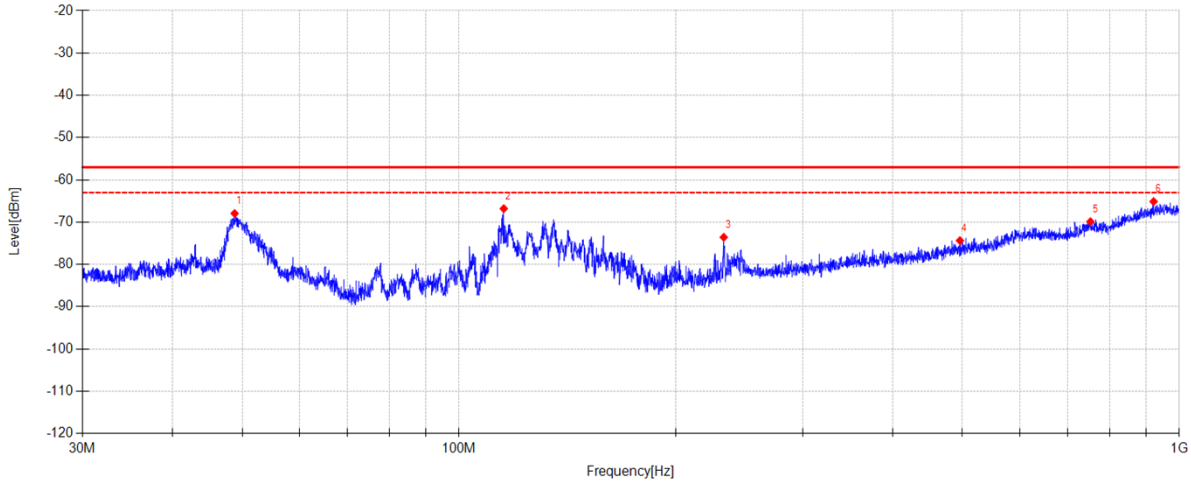


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	36.355	45.57	-117.19	-71.62	-57.00	14.62	PK	Vertical	ERP
2	49.147	49.42	-116.00	-66.58	-57.00	9.58	PK	Vertical	ERP
3	93.027	45.63	-112.51	-66.88	-57.00	9.88	PK	Vertical	ERP
4	121.856	48.59	-112.75	-64.16	-57.00	7.16	PK	Vertical	ERP
5	312.471	32.75	-109.63	-76.88	-57.00	19.88	PK	Vertical	ERP
6	660.279	34.57	-102.18	-67.61	-57.00	10.61	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE1M 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\3		
Memo:	Sample Number:S25103018-006		

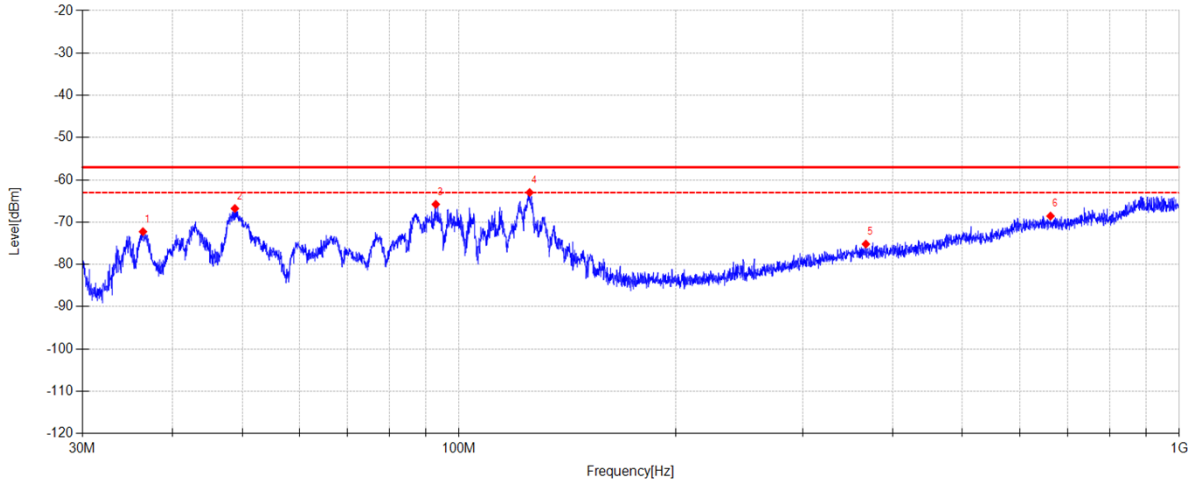


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.804	43.32	-111.27	-67.95	-57.00	10.95	PK	Horizontal	ERP
2	115.370	50.37	-117.17	-66.80	-57.00	9.80	PK	Horizontal	ERP
3	233.089	40.43	-114.00	-73.57	-57.00	16.57	PK	Horizontal	ERP
4	496.004	33.03	-107.39	-74.36	-57.00	17.36	PK	Horizontal	ERP
5	752.786	33.19	-103.06	-69.87	-57.00	12.87	PK	Horizontal	ERP
6	921.238	34.54	-99.66	-65.12	-57.00	8.12	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE1M 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\4		
Memo:	Sample Number:S25103018-006		

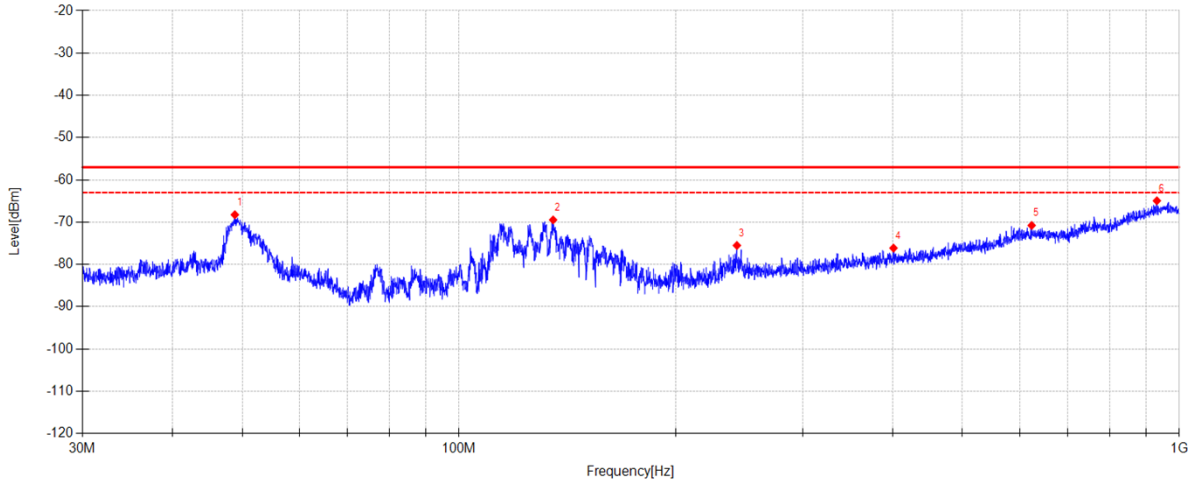


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	36.406	44.94	-117.19	-72.25	-57.00	15.25	PK	Vertical	ERP
2	48.838	49.26	-116.03	-66.77	-57.00	9.77	PK	Vertical	ERP
3	92.831	46.77	-112.55	-65.78	-57.00	8.78	PK	Vertical	ERP
4	125.322	50.02	-113.00	-62.98	-57.00	5.98	PK	Vertical	ERP
5	367.154	32.92	-108.10	-75.18	-57.00	18.18	PK	Vertical	ERP
6	662.597	33.64	-102.20	-68.56	-57.00	11.56	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE2M 2404MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\5		
Memo:	Sample Number:S25103018-006		

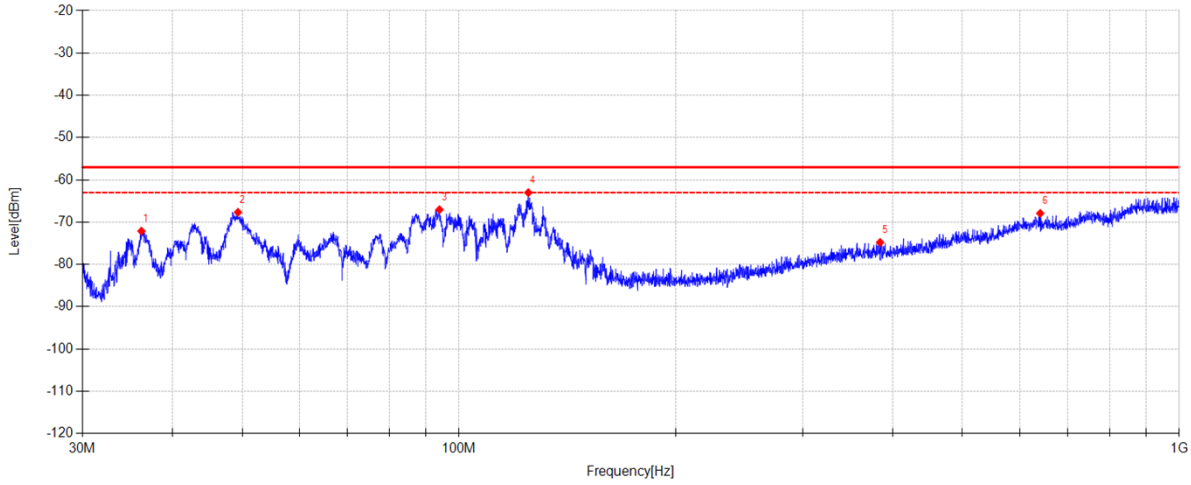


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.838	43.02	-111.27	-68.25	-57.00	11.25	PK	Horizontal	ERP
2	135.086	48.95	-118.42	-69.47	-57.00	12.47	PK	Horizontal	ERP
3	243.105	37.79	-113.31	-75.52	-57.00	18.52	PK	Horizontal	ERP
4	401.067	33.26	-109.40	-76.14	-57.00	19.14	PK	Horizontal	ERP
5	623.823	33.97	-104.75	-70.78	-57.00	13.78	PK	Horizontal	ERP
6	930.978	34.43	-99.37	-64.94	-57.00	7.94	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE2M 2404MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\6		
Memo:	Sample Number:S25103018-006		



Suspected Data List

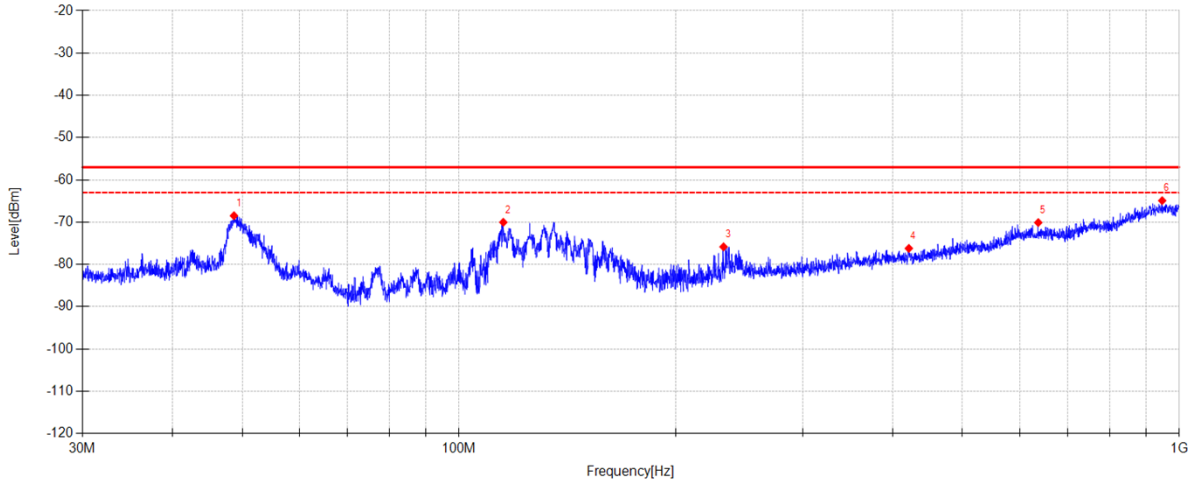
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	36.227	45.08	-117.20	-72.12	-57.00	15.12	PK	Vertical	ERP
2	49.320	48.31	-115.98	-67.67	-57.00	10.67	PK	Vertical	ERP
3	93.945	45.30	-112.34	-67.04	-57.00	10.04	PK	Vertical	ERP
4	124.796	49.95	-112.96	-63.01	-57.00	6.01	PK	Vertical	ERP
5	384.275	33.16	-107.95	-74.79	-57.00	17.79	PK	Vertical	ERP
6	641.117	34.31	-102.23	-67.92	-57.00	10.92	PK	Vertical	ERP

Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	125.124	39.27	-112.96	-73.69	-57.00	16.69	RMS	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE2M 2478MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\7		
Memo:	Sample Number:S25103018-006		

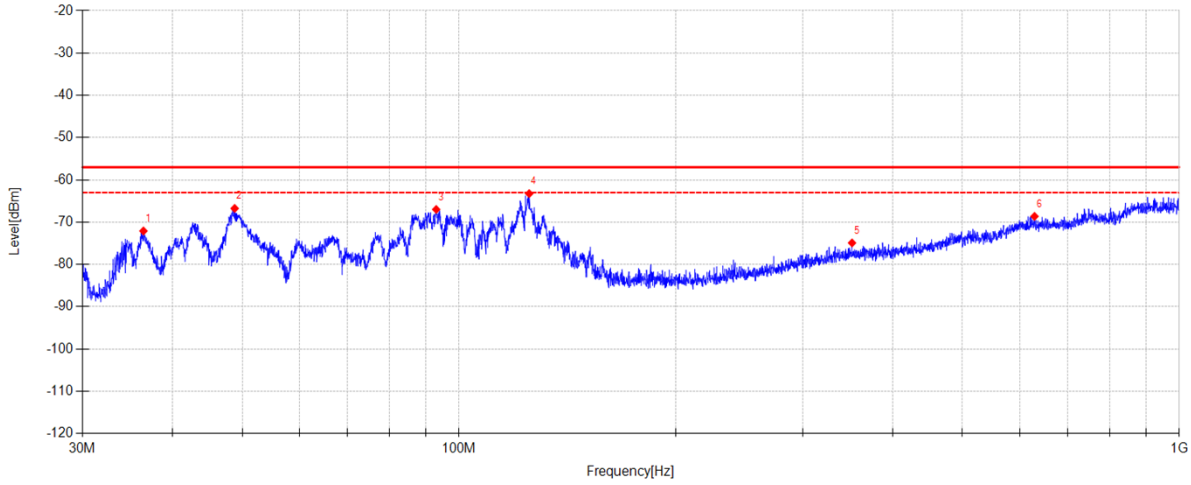


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.701	42.81	-111.29	-68.48	-57.00	11.48	PK	Horizontal	ERP
2	115.209	47.12	-117.15	-70.03	-57.00	13.03	PK	Horizontal	ERP
3	232.926	38.18	-114.01	-75.83	-57.00	18.83	PK	Horizontal	ERP
4	421.243	33.00	-109.21	-76.21	-57.00	19.21	PK	Horizontal	ERP
5	637.084	34.57	-104.67	-70.10	-57.00	13.10	PK	Horizontal	ERP
6	946.777	34.00	-98.91	-64.91	-57.00	7.91	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE2M 2478MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE BELOW 1G BLE\8		
Memo:	Sample Number:S25103018-006		

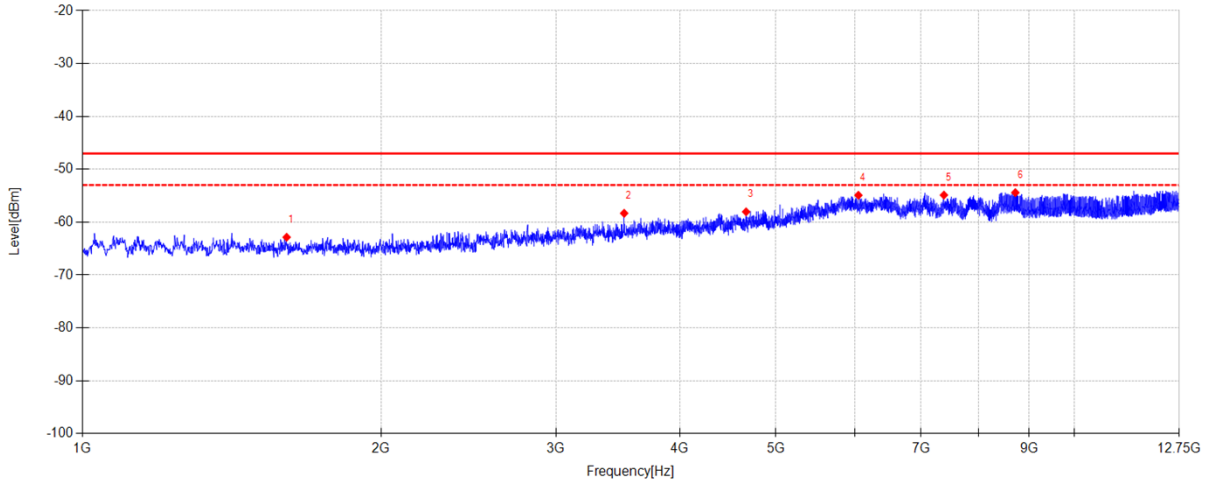


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	36.457	45.09	-117.18	-72.09	-57.00	15.09	PK	Vertical	ERP
2	48.804	49.28	-116.03	-66.75	-57.00	9.75	PK	Vertical	ERP
3	92.962	45.54	-112.53	-66.99	-57.00	9.99	PK	Vertical	ERP
4	125.146	49.73	-112.99	-63.26	-57.00	6.26	PK	Vertical	ERP
5	351.288	33.32	-108.23	-74.91	-57.00	17.91	PK	Vertical	ERP
6	629.535	33.73	-102.36	-68.63	-57.00	11.63	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE2M 2404MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\9		
Memo:	Sample Number:S25103018-006		

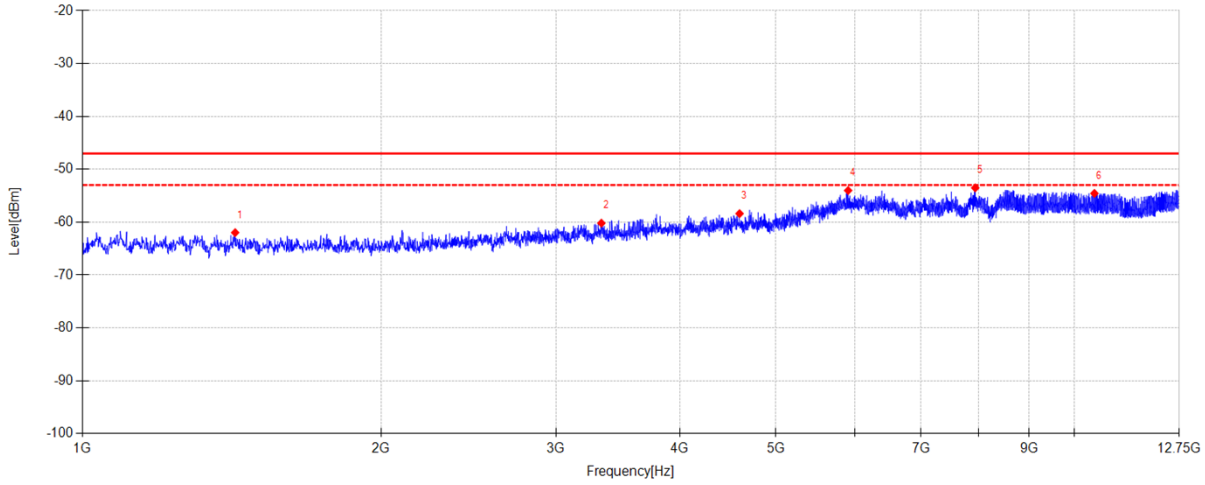


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1606.300	41.75	-104.60	-62.85	**-47.00**	15.85	PK	Horizontal	EIRP
2	3515.675	43.55	-101.87	-58.32	**-47.00**	11.32	PK	Horizontal	EIRP
3	4666.000	41.22	-99.26	-58.04	**-47.00**	11.04	PK	Horizontal	EIRP
4	6054.850	39.24	-94.15	-54.91	**-47.00**	7.91	PK	Horizontal	EIRP
5	7383.775	39.33	-94.21	-54.88	**-47.00**	7.88	PK	Horizontal	EIRP
6	8715.050	36.33	-90.74	-54.41	**-47.00**	7.41	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE2M 2404MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\10		
Memo:	Sample Number:S25103018-006		

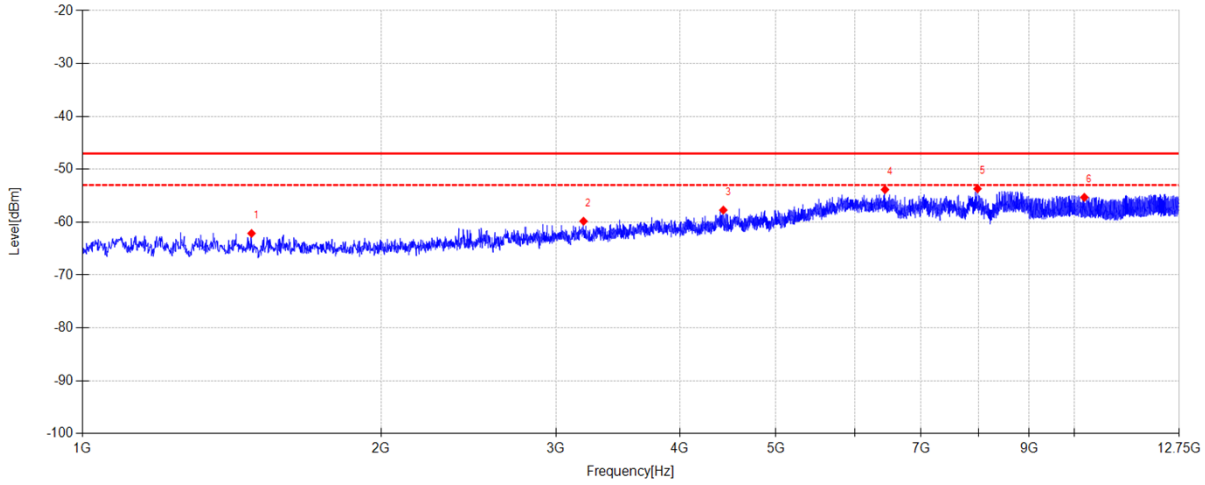


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1425.350	42.24	-104.22	-61.98	**-47.00**	14.98	PK	Vertical	EIRP
2	3334.725	41.93	-102.12	-60.19	**-47.00**	13.19	PK	Vertical	EIRP
3	4595.500	41.39	-99.77	-58.38	**-47.00**	11.38	PK	Vertical	EIRP
4	5912.675	40.49	-94.50	-54.01	**-47.00**	7.01	PK	Vertical	EIRP
5	7940.725	39.63	-93.14	-53.51	**-47.00**	6.51	PK	Vertical	EIRP
6	10470.500	34.28	-88.84	-54.56	**-47.00**	7.56	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE2M 2478MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\11		
Memo:	Sample Number:S25103018-006		

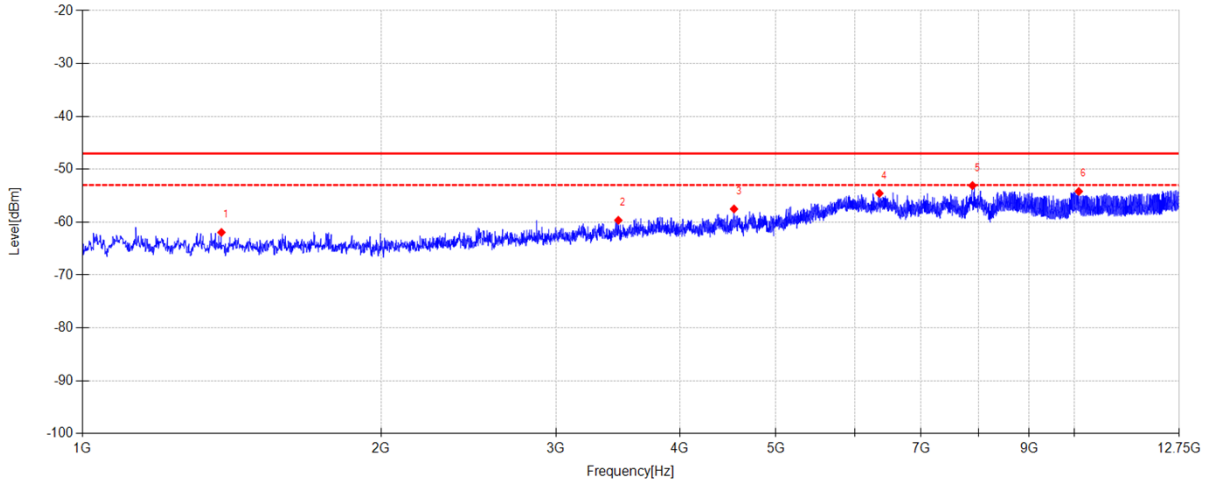


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1480.575	42.44	-104.57	-62.13	**-47.00**	15.13	PK	Horizontal	EIRP
2	3199.600	42.55	-102.37	-59.82	**-47.00**	12.82	PK	Horizontal	EIRP
3	4425.125	42.20	-99.92	-57.72	**-47.00**	10.72	PK	Horizontal	EIRP
4	6440.250	40.52	-94.36	-53.84	**-47.00**	6.84	PK	Horizontal	EIRP
5	7983.025	39.78	-93.46	-53.68	**-47.00**	6.68	PK	Horizontal	EIRP
6	10228.450	33.84	-89.14	-55.30	**-47.00**	8.30	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE2M 2478MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\12		
Memo:	Sample Number:S25103018-006		

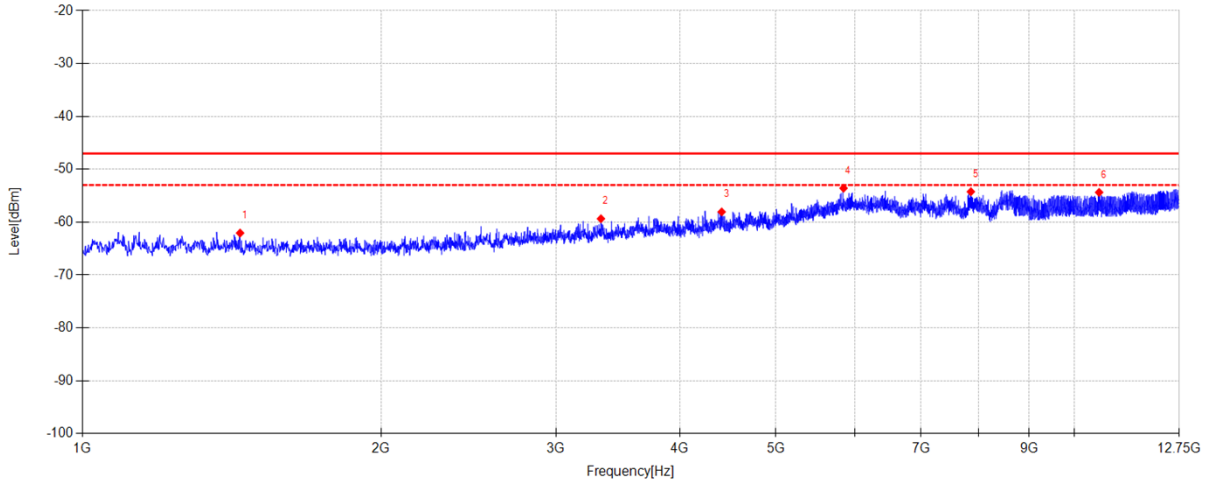


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1380.700	42.27	-104.21	-61.94	**-47.00**	14.94	PK	Vertical	EIRP
2	3468.675	42.28	-101.93	-59.65	**-47.00**	12.65	PK	Vertical	EIRP
3	4536.750	42.39	-99.90	-57.51	**-47.00**	10.51	PK	Vertical	EIRP
4	6358.000	39.81	-94.35	-54.54	**-47.00**	7.54	PK	Vertical	EIRP
5	7890.200	40.15	-93.23	-53.08	**-47.00**	6.08	PK	Vertical	EIRP
6	10098.025	35.23	-89.41	-54.18	**-47.00**	7.18	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE1M 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\13		
Memo:	Sample Number:S25103018-006		

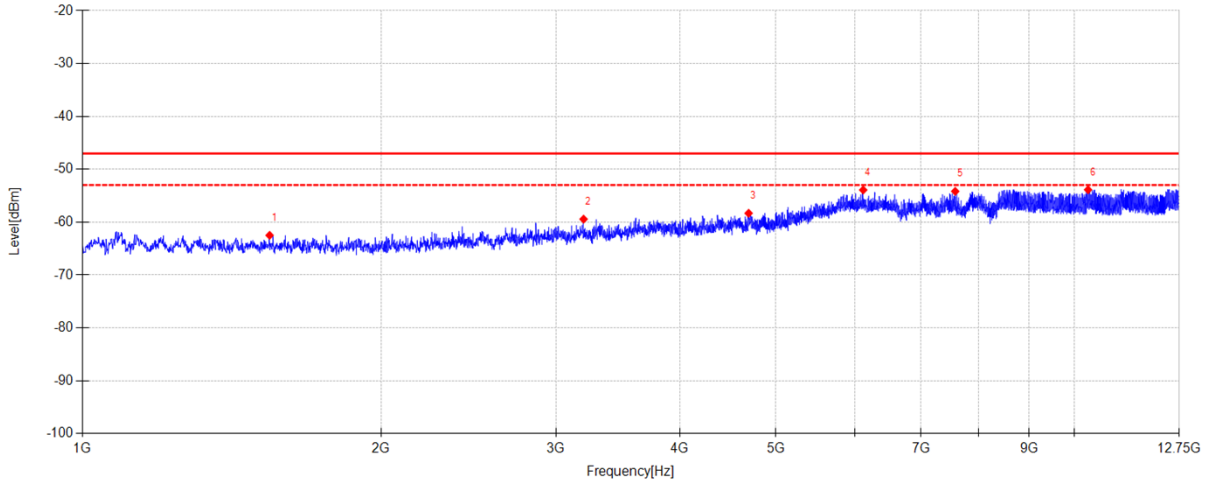


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1441.800	42.50	-104.56	-62.06	**-47.00**	15.06	PK	Horizontal	EIRP
2	3331.200	42.81	-102.16	-59.35	**-47.00**	12.35	PK	Horizontal	EIRP
3	4408.675	41.90	-99.96	-58.06	**-47.00**	11.06	PK	Horizontal	EIRP
4	5849.225	41.18	-94.75	-53.57	**-47.00**	6.57	PK	Horizontal	EIRP
5	7860.825	39.37	-93.61	-54.24	**-47.00**	7.24	PK	Horizontal	EIRP
6	10585.650	34.89	-89.26	-54.37	**-47.00**	7.37	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE1M 2480MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\14		
Memo:	Sample Number:S25103018-006		

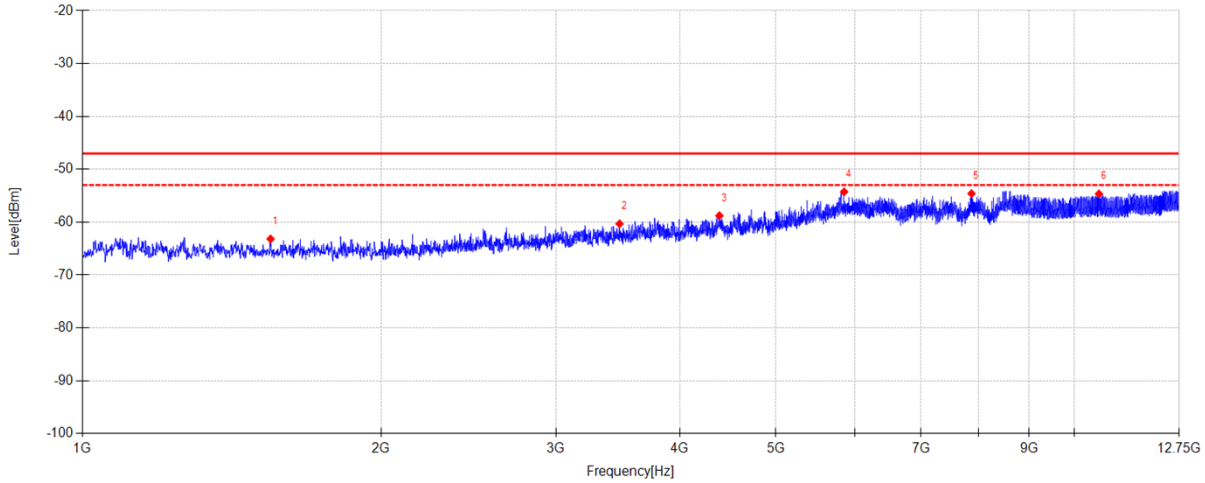


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1544.025	41.77	-104.26	-62.49	**-47.00**	15.49	PK	Vertical	EIRP
2	3199.600	42.89	-102.32	-59.43	**-47.00**	12.43	PK	Vertical	EIRP
3	4693.025	41.22	-99.54	-58.32	**-47.00**	11.32	PK	Vertical	EIRP
4	6121.825	40.27	-94.18	-53.91	**-47.00**	6.91	PK	Vertical	EIRP
5	7580.000	39.62	-93.79	-54.17	**-47.00**	7.17	PK	Vertical	EIRP
6	10317.750	35.20	-89.07	-53.87	**-47.00**	6.87	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE1M 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\15		
Memo:	Sample Number:S25103018-006		

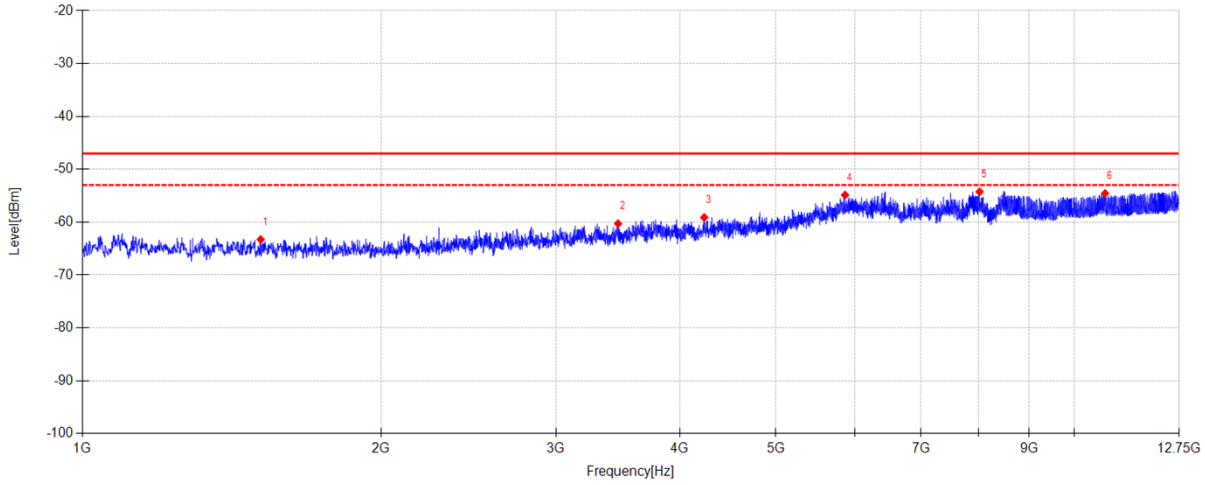


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1547.550	41.41	-104.59	-63.18	**-47.00**	16.18	PK	Horizontal	EIRP
2	3478.075	41.62	-101.93	-60.31	**-47.00**	13.31	PK	Horizontal	EIRP
3	4385.175	41.25	-100.03	-58.78	**-47.00**	11.78	PK	Horizontal	EIRP
4	5857.450	40.45	-94.71	-54.26	**-47.00**	7.26	PK	Horizontal	EIRP
5	7872.575	38.99	-93.59	-54.60	**-47.00**	7.60	PK	Horizontal	EIRP
6	10580.950	34.60	-89.26	-54.66	**-47.00**	7.66	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-12-04	**Tested By**:	Cao Jie
Test Mode:	RX BLE1M 2402MHz Mode	**Power Supply**:	DC 5V
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103018-1E\CE ABOVE 1G BLE\16		
Memo:	Sample Number:S25103018-006		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1512.300	40.97	-104.25	-63.28	**-47.00**	16.28	PK	Vertical	EIRP
2	3466.325	41.65	-101.93	-60.28	**-47.00**	13.28	PK	Vertical	EIRP
3	4233.600	41.48	-100.58	-59.10	**-47.00**	12.10	PK	Vertical	EIRP
4	5870.375	39.83	-94.70	-54.87	**-47.00**	7.87	PK	Vertical	EIRP
5	8020.625	38.71	-92.97	-54.26	**-47.00**	7.26	PK	Vertical	EIRP
6	10732.525	33.89	-88.45	-54.56	**-47.00**	7.56	PK	Vertical	EIRP

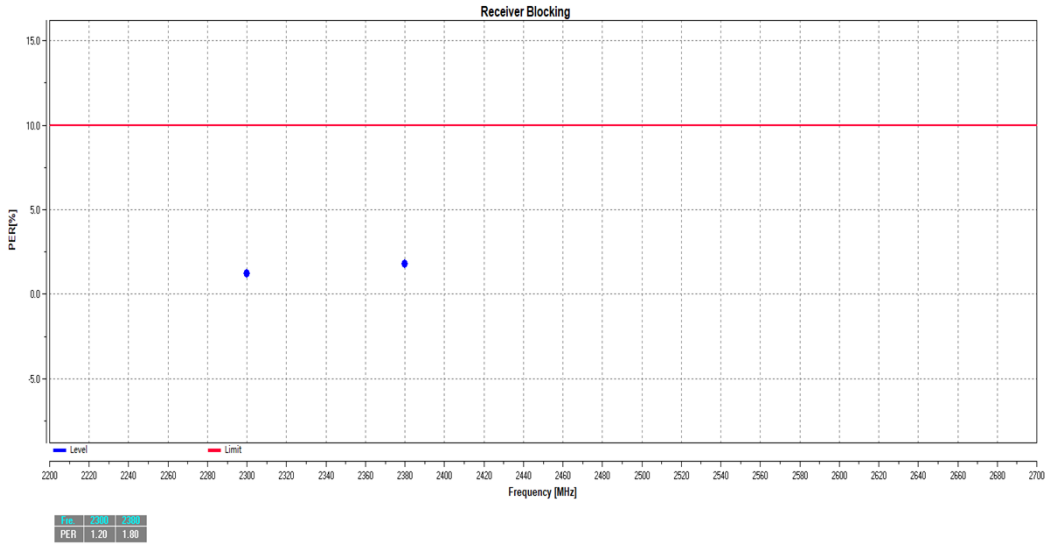
Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

7 Appendix B.7: Receiver Blocking

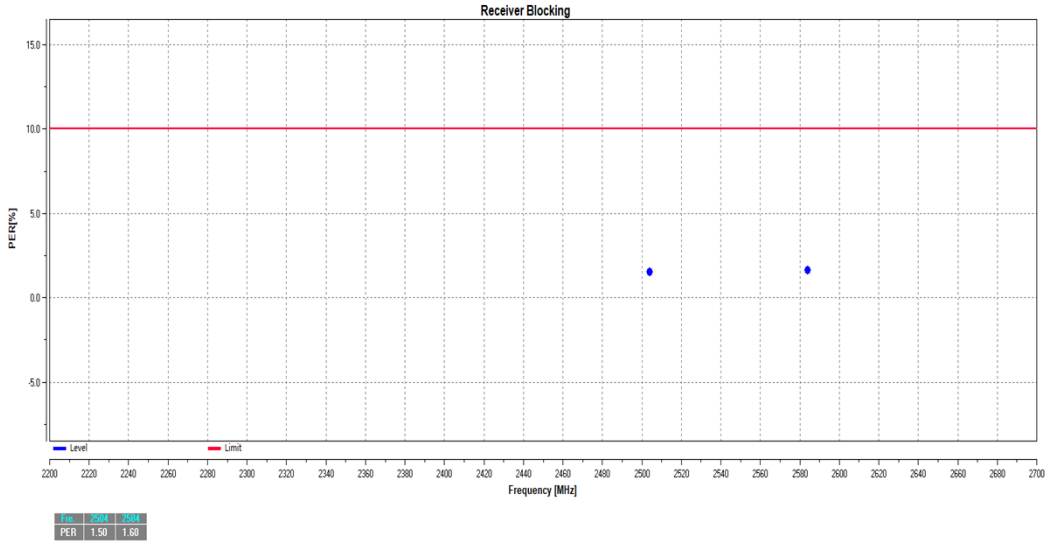
Note: The EUT is category 2 receiver.

TestMode	Antenna	Frequency[MHz]	Pmin [dBm]	Wanted signal [dBm]	Freq. [MHz]	CW [dBm]	PER [%]	Limit [%]	Verdict
BLE_1M	Ant1	2402	---	-63.29	2300	-31.41	1.20	≤10	PASS
			---	-63.29	2380	-31.41	1.80	≤10	PASS
		2480	---	-63.29	2504	-31.41	1.50	≤10	PASS
			---	-63.29	2584	-31.41	1.60	≤10	PASS
BLE_2M	Ant1	2404	---	-63.3	2300	-31.41	1.60	≤10	PASS
			---	-63.3	2380	-31.41	1.80	≤10	PASS
		2478	---	-63.29	2504	-31.41	1.90	≤10	PASS
			---	-63.29	2584	-31.41	1.80	≤10	PASS

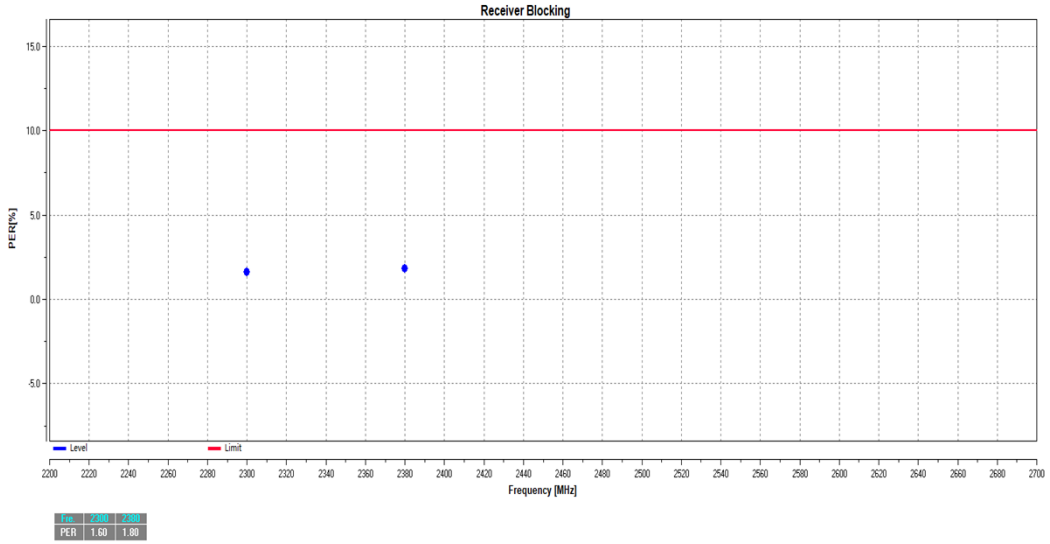
BLE_1M_Ant1_2402



BLE_1M_Ant1_2480



BLE_2M_Ant1_2404



BLE_2M_Ant1_2478

