

Specified Radio Equipment TEST REPORT

Project Number : EA2511C-127

Test Report Number : TR-W2601-020

Type of Equipment : 1.st LUCENIA DUAL SHINE

Model Name : IST-DSHINE

Additional Model Name : -

Applicant : BNC KOREA, Inc.

Address : 62, Seongseogongdan-ro 11-gil, Dalseo-gu, Daegu, Republic of Korea

Manufacturer : BTB Korea Co.,Ltd

Address : 7, Dongwon-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

Product Standard : Ordinance concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment, Article 2 Paragraph 1 Item (19)

Total page of Report : 29 pages

Date of Receipt : Nov. 24, 2025

Date(s) of Tests : Dec. 7, 2025 – Dec. 7, 2025 Nov. 24, 2025

Date of Issue : Jan. 15, 2026

Test Result : PASS

This test report only contains the result of a single test of the sample supplied for the examination.
It is not a generally valid assessment of the features of the respective products of the mass-production.

Prepared by Choi, Yoonseok / Research Engineer

Signature

Jan. 15, 2026

Date

Reviewed by Ryu, Ui-Hyun / Technical Manager

Signature

Jan. 15, 2026

Date

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Release Control Record

Issue Report No.	Issued Date	Details/Revisions
TR-W2601-020	Jan. 15, 2026	Initial Release

1. TEST SUMMARY

1.1 Test standards and results

The sample submitted for evaluation (Hereafter refer to as the EUT) has been tested in accordance with the following standards.

Test Items acc. to Ordinance concerning Technical Regulations Conformity Certification for Specified Radio Equipment, Chapter 1 Article 2, Paragraph 1, Item 19			
Clause Number	Test Items	Results	Note
3.2(4)	Frequency Tolerance	C	
3.2(2)(3)	Antenna Power / Tolerances for antenna power	C	
3.2(7)	Occupied Bandwidth	C	
3.2(8)	Spreading Bandwidth	C	
3.2(9)	Spreading Factor	N/A	Note 1
3.2(6)	Transmitter Spurious Emission	C	
3.3(1)	Receiver Spurious Emission	C	
3.2(11)	Hopping Frequency Dwell Time	N/A	Note 1-
3.5(2)	Radio Interference Prevention Capability	C	
Remark: C means Comply N/C means Not Comply N/A means Not Applicable Note 1: The EUT use Bluetooth LE technology, so the test was not performed acc. to the standard.			

1.2 Purpose of the test

To determine whether the EUT is operated in accordance and fulfills the Ordinance concerning Technical Regulations Conformity Certification for Specified Radio Equipment, Chapter 1 Article 2, Paragraph 1, Item 19

1.3 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

1.4 Test Facility

The measurement facilities are located at 135-60 Gyeongchung-daero, Gonjam-eup, Gwangju-si, Gyeonggi-do 12813, Korea. Our test facilities are accredited as a Conformity Assessment Body (CAB) by the FCC and ISED Canada, designated by the RRA (National Radio Research Agency), and accredited by KOLAS (Korea Laboratory Accreditation Scheme) in Korea and approved by TÜV Rheinland, TÜV SÜD, Korean Register of Shipping according to the requirement of ISO/IEC 17025 and registered VCCI member by VCCI Council.

Laboratory Qualification	Registration No.	Mark
FCC	KR0160	
ISED Canada	12721A	
RRA	KR0160	
TÜV Rheinland	UA 50314109-0002	
TÜV SÜD	CARAT 094465 0004 Rev.00	
Korean Agency for Technology and Standards	KT733	
Korea Register of Shipping	PCT40841-TL001	
VCCI	Member No: 4297 R-20184, T-20140	

Remark. This report is not related to KOLAS accreditation and relevant regulation.

2. EUT (Equipment Under Test) INFORMATION

2.1 General Description

The Kerykei1 Co., Ltd Model: IST-DSHINE is a 1st LUCENIA DUAL SHINE, which has Bluetooth LE(1M PHY) function, 2.4 GHz GFSK.

The product specification described herein was obtained from product data sheet or user's manual.

Trade Mark	KERYKEI1
Operating Frequency Range	Bluetooth LE: 2 402 MHz – 2 480 MHz
Nominal Channel Bandwidth	Bluetooth LE: 1 MHz
Modulation Types	GFSK
Declared RF output power	1 mW (same as 0 dBm)
Number of Channels	Bluetooth LE: 40 Channels. (1 MHz step)
Rated Power	DC 3.7 V
Operating Temperature	0 °C ~ + 40 °C
Storage Temperature	-40 °C ~ + 60 °C
Type of Antenna	Integrated Type (PCB Antenna)
Antenna Gain	Declared maximum antenna gain: 2.5 dBi
Size (W x D x H)	(45.88 X 214.6 X 45.88) mm

2.2 Additional Model(s) Name

-

2.2.1 Additional Model(s) Differences

-

2.3 Factory Information

Company : BTB Korea Co., Ltd
Address : 7, Dongwon-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

3. TEST CONDITION AND OPERATION MODES

3.1 Mode of operation during the test

Test Mode	Description
# 1	Software used to control the EUT for staying in continuous un-modulated transmitting mode is programmed.
# 2	Software used to control the EUT for staying in continuous modulated transmitting mode is programmed.
# 3	Software used to control the EUT for staying in continuous receiving mode is programmed
Supply Voltage	The test was performed at DC 3.33 V and DC 4.07 V ± 10 %.

3.2 EUT RF operation software

Test Software	Bluetooth LE: FCC Assist Tool
Test Software Version	Bluetooth LE: 1.0.2.2
RF power setting in test software	Default (Unable to change output settings, using default values)

3.3 Channel of operation during the test

Bluetooth LE 1M PHY

Channel No.	Frequency (MHz)
0	2 402
19	2 440
39	2 480

3.4 Equipment Used During Test

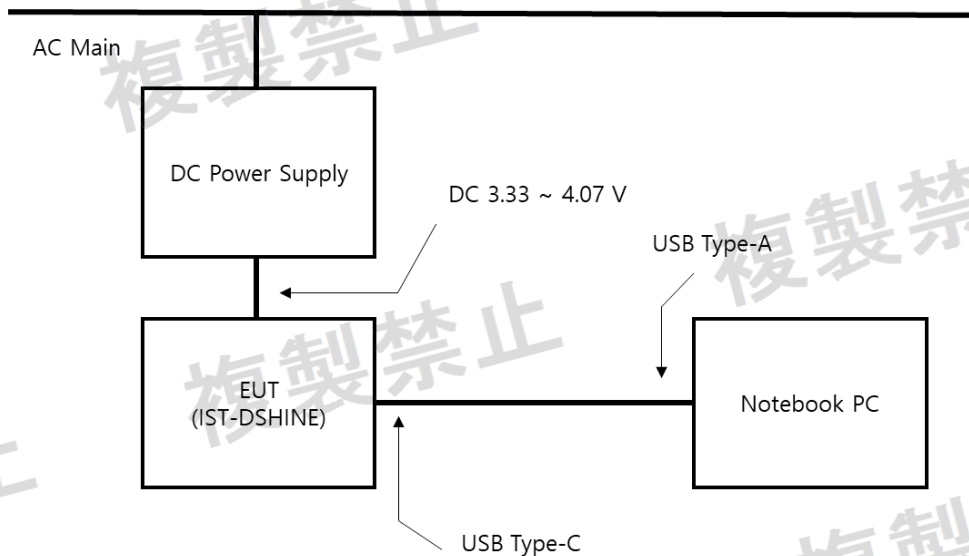
The following peripheral devices and/or interface cables were connected during the measurement:

Description	Model No.	Serial No.	Manufacturer.
I.st LUCENIA DUAL SHINE	IST-DSHINE	-	BTB Korea Co.,Ltd
Notebook PC	IdeaPad 3 15IAU7 Laptop – Type 82RK	PF4LYBX2	HP Inc.
Adapter for Notebook PC	ADP-65ME B	N/A	Lenovo

3.5 Cable Description

Description	Ports Name	Shielded (Y/N)	Ferrite Core (Y/N)	Length (m)	Connected to
EUT	DC input	N	N	1.0	DC Power Supply
EUT	USB	N	N	0.8	Notebook PC
Notebook PC	DC In	N	N	1.8	Adapter for Notebook PC
Adapter for Notebook PC	AC In	N	N	1.0	AC Mains

3.6 Test Setup Drawing



3.7 EUT Modifications

- None.

4. MEASUREMENT UNCERTAINTY

Measurement Item	Expanded Uncertainty $U = k \cdot U_c (k = 2)$
Tolerance of frequency	131.20 Hz
Occupied bandwidth and Spreading bandwidth	34.71 kHz
Antenna power	1.63 dB
Tolerance of spurious and unwanted emission intensity	3.84 dB
Limit of secondary radiated emission	4.11 dB
DC Voltage	0.12 V

5. TEST PARAMETER

5.1 Tolerance of frequency

5.1.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

5.1.2 Limits

Test Item	Limits
Tolerance of frequency	± 50 ppm

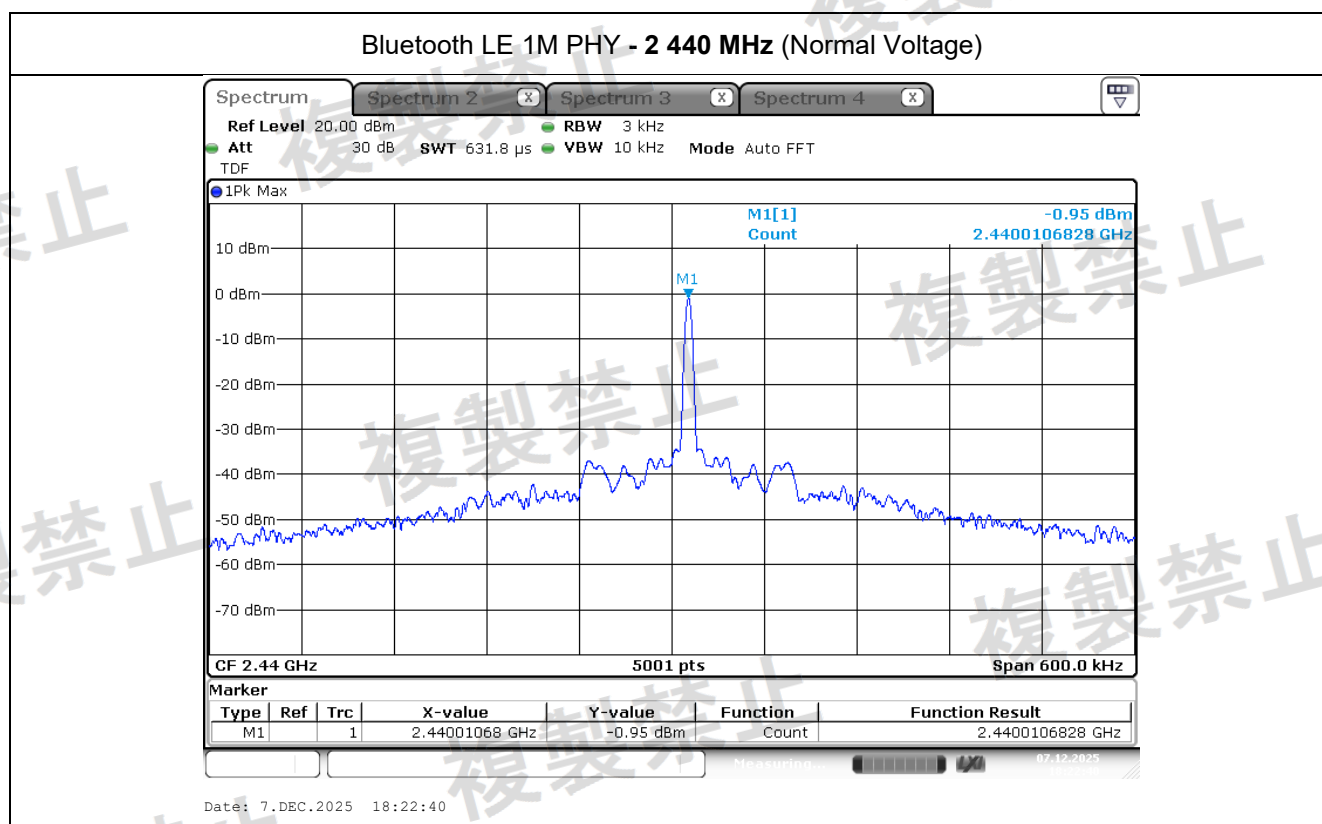
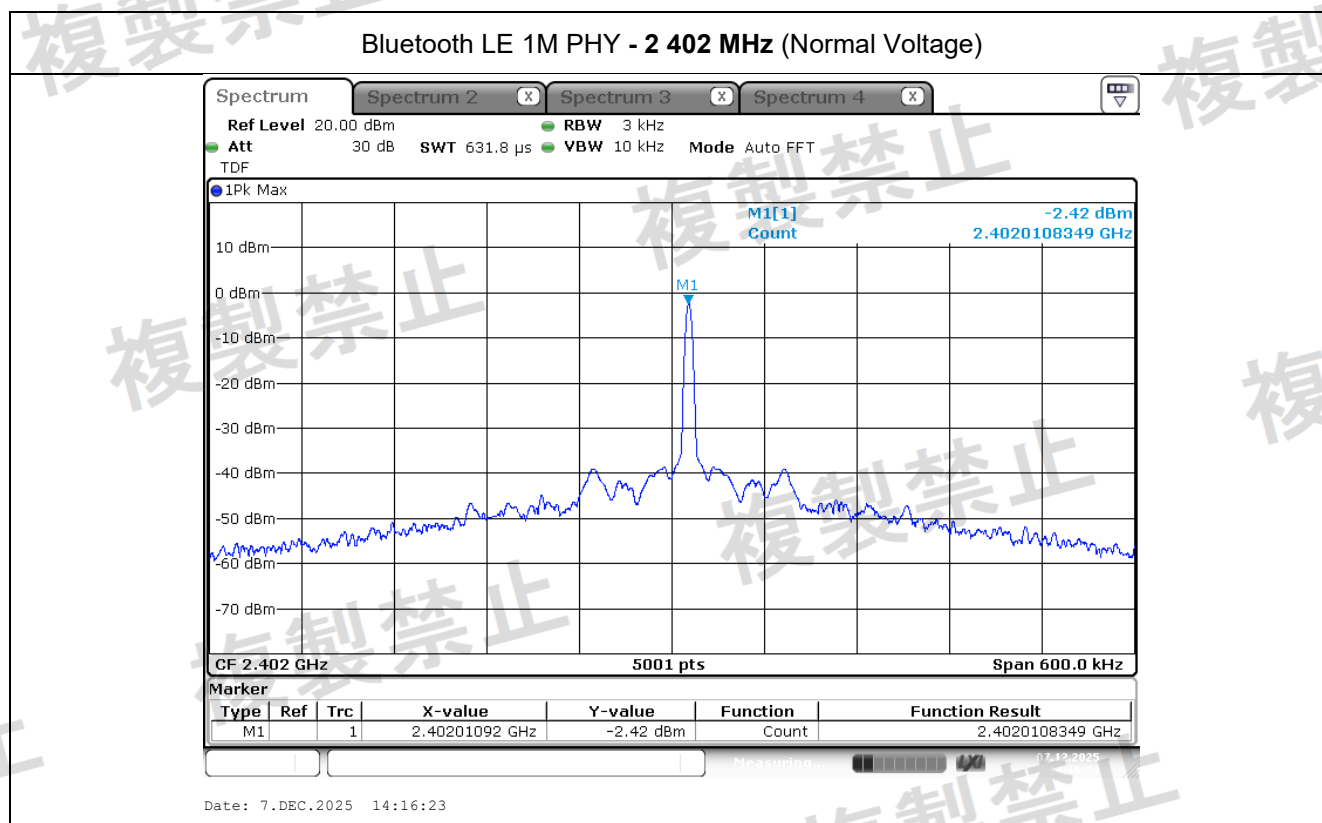
5.1.3 Test Result

Test Date: 2025.12.07		Tested By: Yoonseok, Choi	
Temperature	$(26 \pm 1) ^\circ\text{C}$	Relative humidity	$(62 \pm 3) \% \text{ R.H.}$
Operating Mode	# 1	Duty cycle	(Bluetooth LE) 14.4 %
Measurement Method	☐ Radiated ☒ Conducted		
Antenna Gain	2.5 dBi	Test Result	Pass

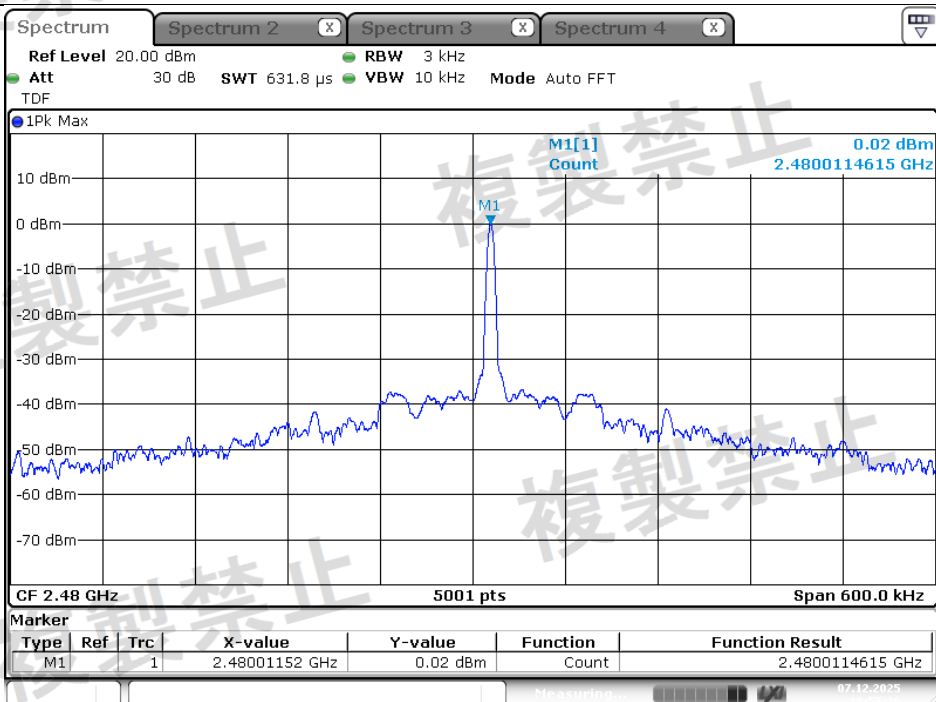
5.1.3.1 Tabulated Test Data

Operating Mode	Frequency	Test condition	Measured Frequency	ppm
Bluetooth LE 1M PHY	2 402 MHz	V _{high} : DC 4.07 V	2 402.010 981	4.57
		V _{nom} : DC 3.70 V	2 402.010 835	4.51
		V _{low} : DC 3.33 V	2 402.010 785	4.49
	2 440 MHz	V _{high} : DC 4.07 V	2 440.010 682	4.38
		V _{nom} : DC 3.70 V	2 440.010 683	4.38
		V _{low} : DC 3.33 V	2 440.010 681	4.38
	2 480 MHz	V _{high} : DC 4.07 V	2 480.011 635	4.69
		V _{nom} : DC 3.70 V	2 480.011 462	4.62
		V _{low} : DC 3.33 V	2 480.011 352	4.58

5.1.3.2 Graphical Test Data



Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



Date: 7.DEC.2025 18:55:26

5.2 Tolerance of occupied bandwidth

5.2.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

5.2.2 Limits

Test Item	Limits
Occupied bandwidth	FH : 83.5 MHz
	FH+DS : 83.5 MHz
	FH+OFDM : 83.5 MHz
	OFDM : 38 MHz
	other : 26 MHz
Spreading bandwidth	DS, FH, FH+DS, FH+OFDM : ≥ 500 kHz

5.2.3 Test Result

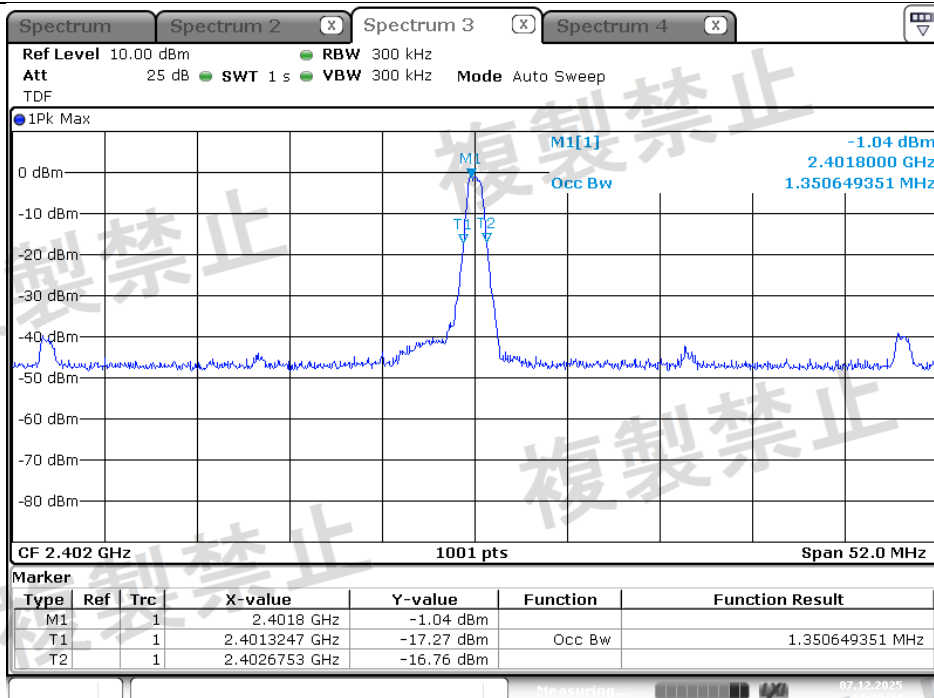
Test Date: 2025.12.07		Tested By: Yoonseok, Choi	
Temperature	(26 $\pm$ 1) °C	Relative humidity	(62 $\pm$ 3) % R.H.
Operating Mode	# 2	Duty cycle	(Bluetooth LE) 14.4 %
Measurement Method	☐ Radiated ☒ Conducted		
Antenna Gain	0.54 dBi	Test Result	Pass

5.2.3.1 Tabulated Test Data

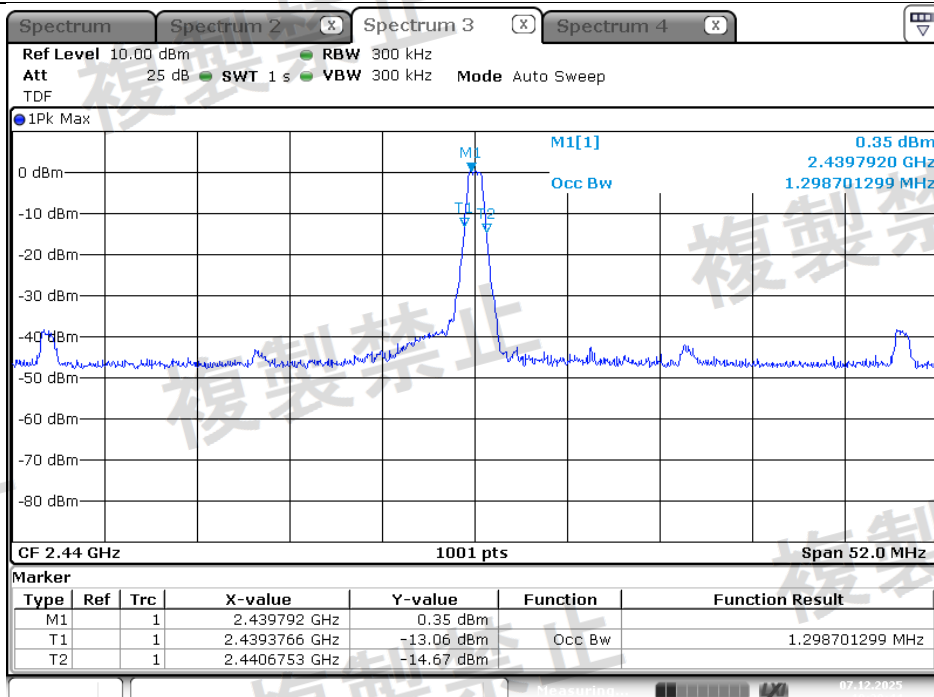
Operating Mode	Frequency	Test condition	Occupied bandwidth	Spreading bandwidth
Bluetooth LE 1M PHY	2 402 MHz	V _{high} : DC 4.07 V	1.35	0.83
		V _{nom} : DC 3.70 V	1.35	0.83
		V _{low} : DC 3.33 V	1.35	0.83
	2 440 MHz	V _{high} : DC 4.07 V	1.35	0.83
		V _{nom} : DC 3.70 V	1.29	0.83
		V _{low} : DC 3.33 V	1.29	0.83
	2 480 MHz	V _{high} : DC 4.07 V	1.29	0.83
		V _{nom} : DC 3.70 V	1.29	0.83
		V _{low} : DC 3.33 V	1.29	0.83

5.2.3.2 Graphical Test Data – Occupied bandwidth

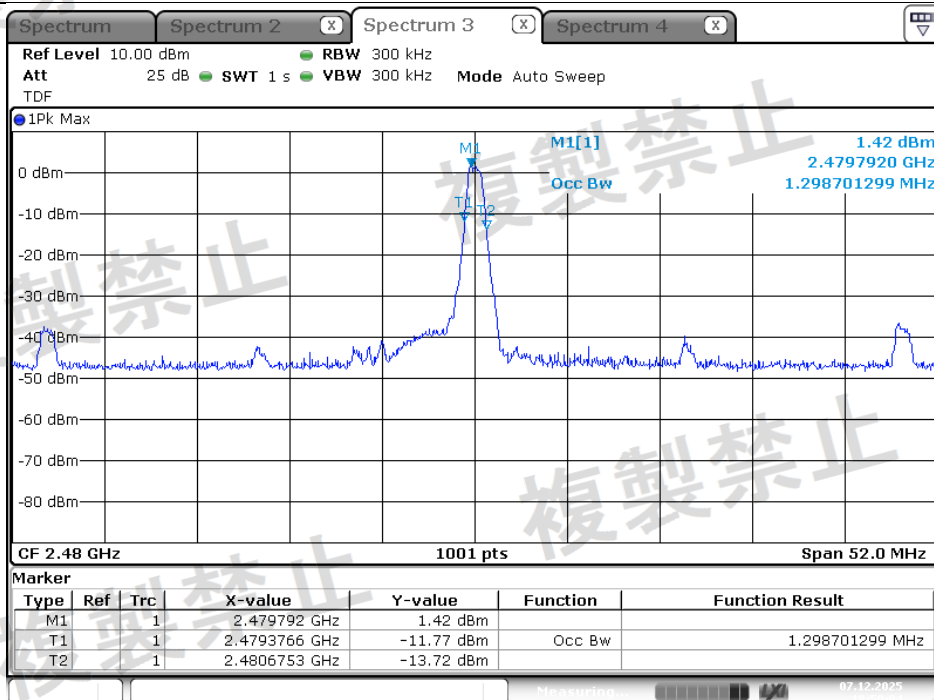
Bluetooth LE 1M PHY - 2 402 MHz (Normal Voltage)



Bluetooth LE 1M PHY - 2 440 MHz (Normal Voltage)

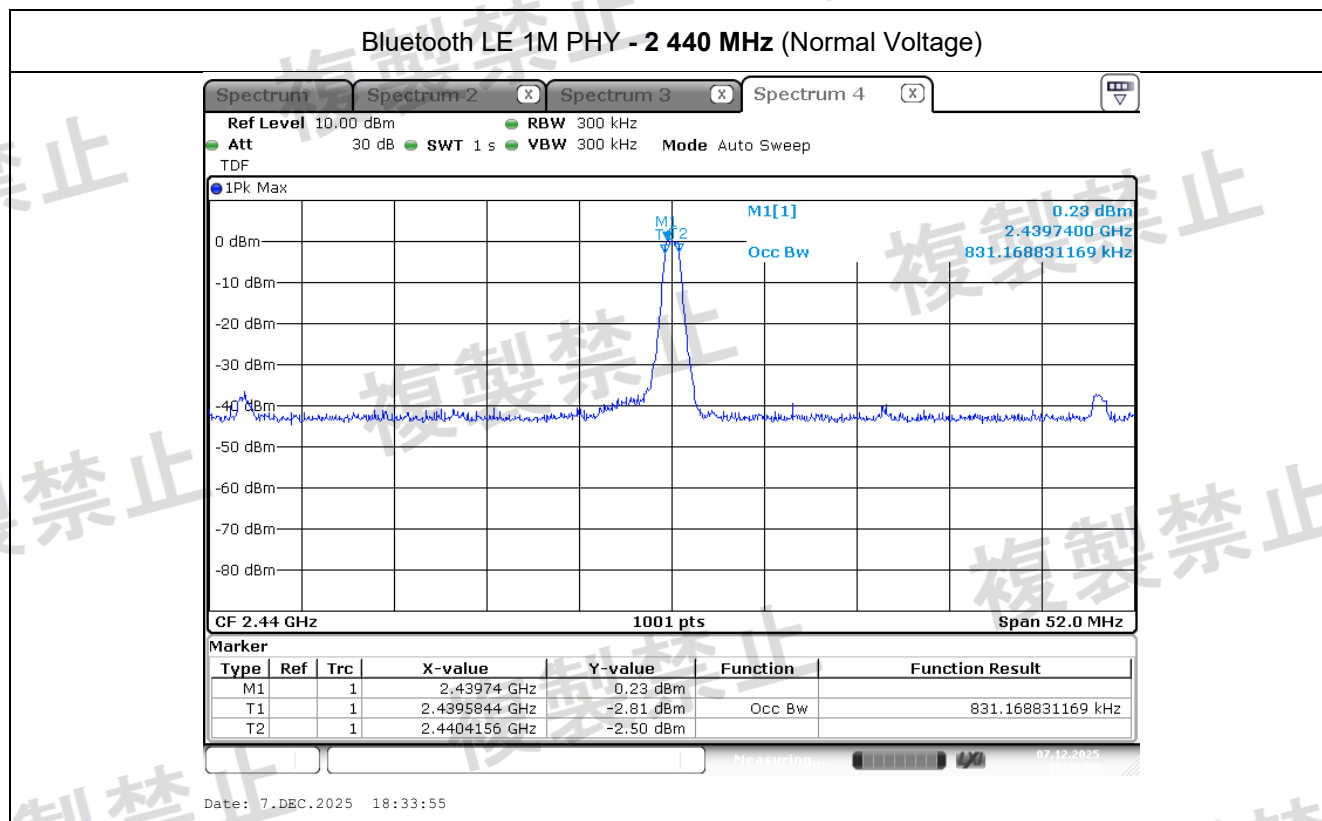
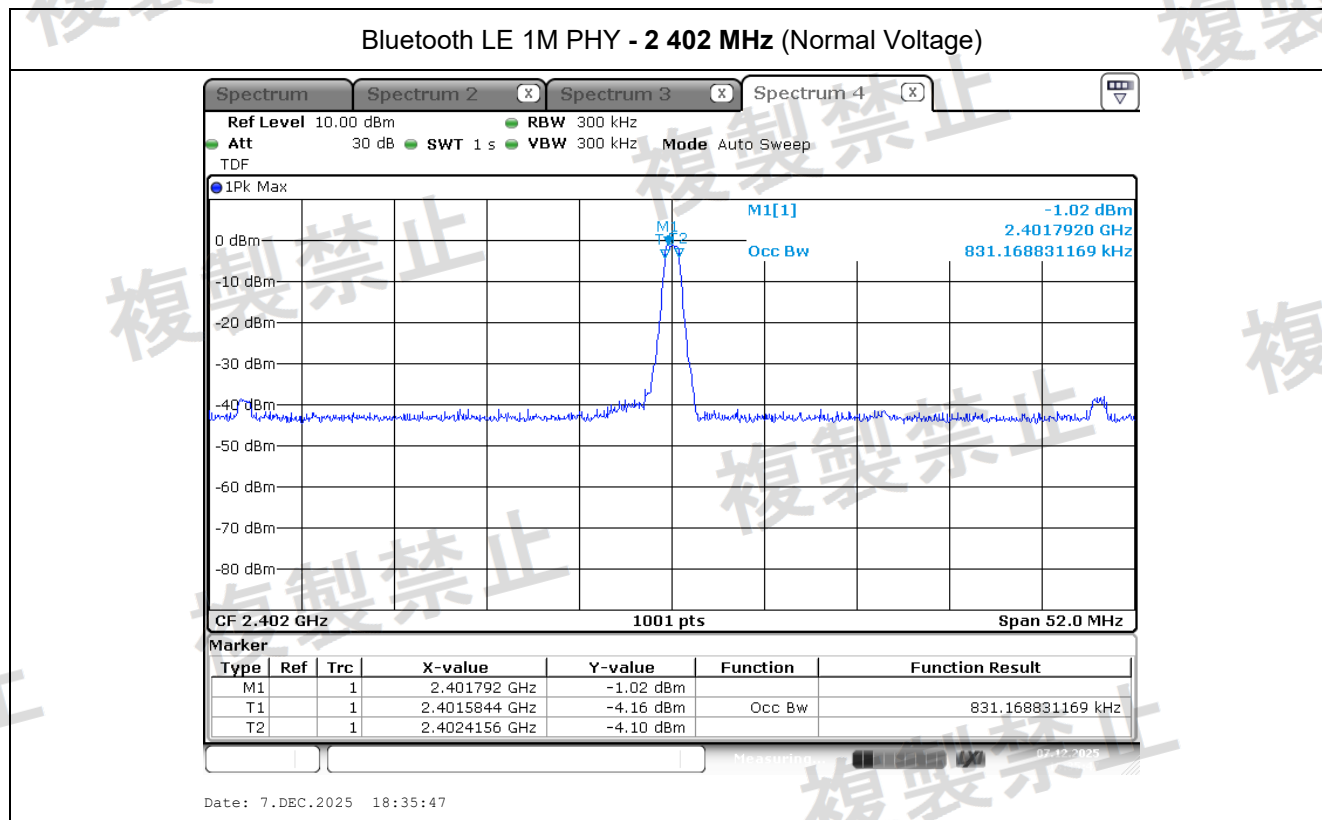


Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)

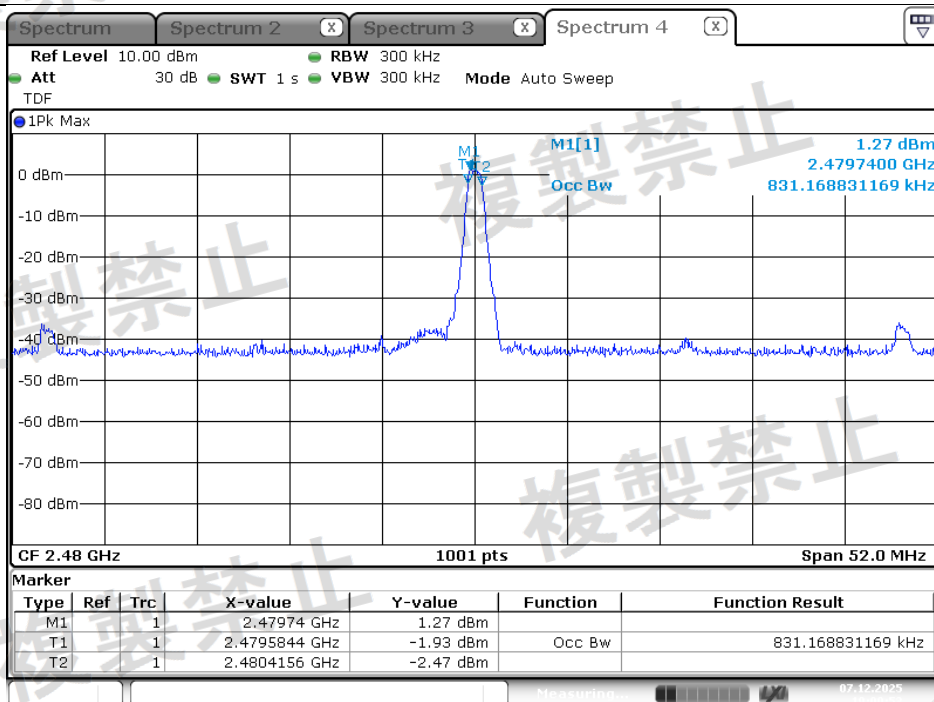


Date: 7.DEC.2025 18:59:04

5.2.3.3 Graphical Test Data – Spreading bandwidth



Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



Date: 7.DEC.2025 19:00:53

5.3 Antenna Power

5.3.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

5.3.2 Limits

Test Item	Limits
Antenna Power	(1) FH, FH+DS, FH+OFDM (and which uses 2,427 MHz ~ 2,470.75 MHz) : 3 MHz/MHz
	(2) The transmitter using spectrum spread type and which is not applicable to 7.1. : 10 mW/MHz
	(3) The transmitter using OFDM and which is not applicable to 7.1. OBW is less than 26 MHz : 10 mW/MHz OBW is over 26 MHz, 38 MHz or less : 5 mW/MHz
	(4) Transmitter which is except (1), (2), (3) : 10 mW
	Deviation: +20 %, -80 %

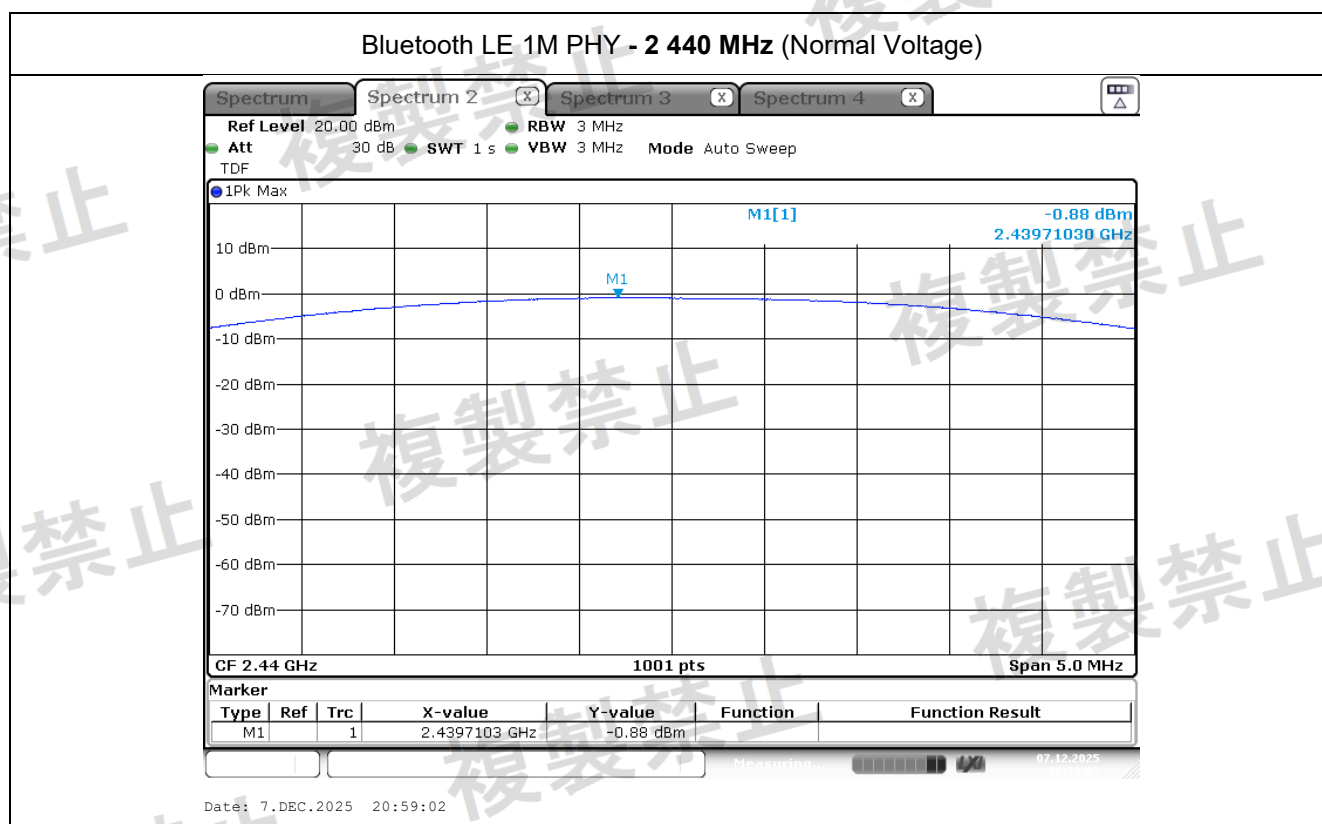
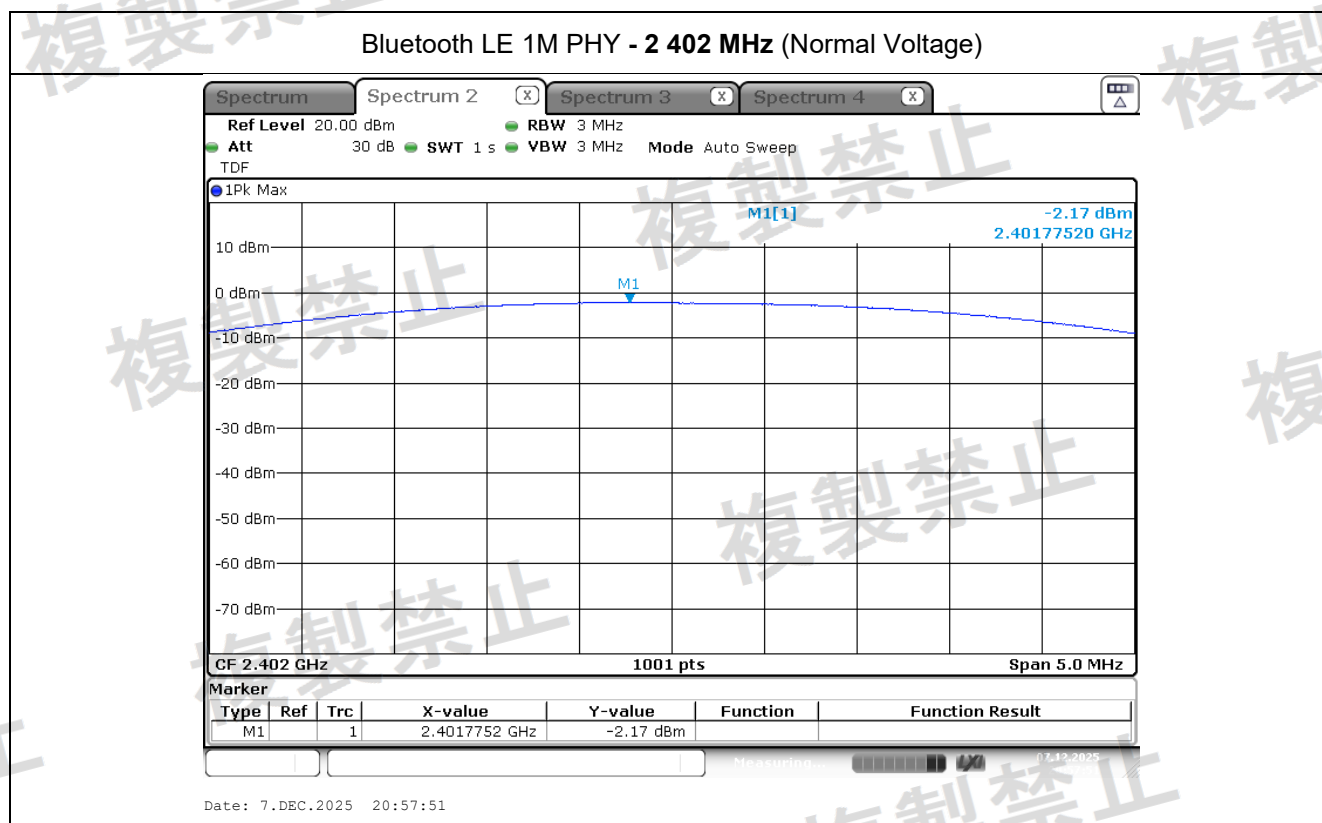
5.3.3 Test Result

Test Date: 2025.12.07		Tested By: Yoonseok, Choi	
Temperature	(26 ± 1) °C	Relative humidity	(62 ± 3) % R.H.
Operating Mode	# 2	Duty cycle	(Bluetooth LE) 14.4 %
Measurement Method	☐ Radiated ☒ Conducted		
Antenna Gain	2.5 dBi	Test Result	Pass

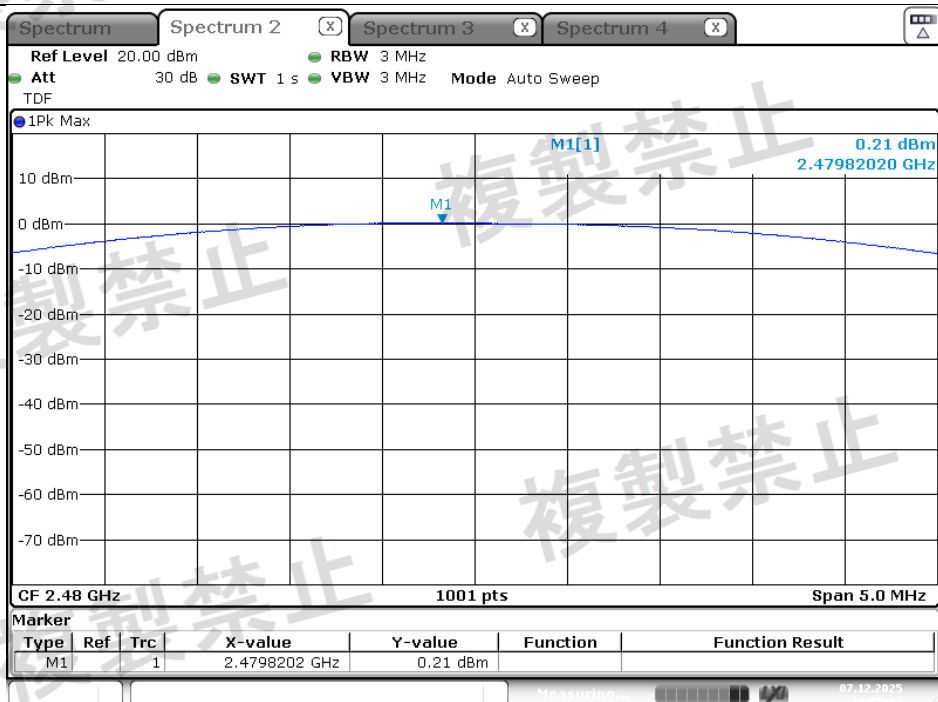
5.3.3.1 Tabulated Test Data

Operating Mode	Frequency	Test condition	Measurement power		Rated power (mW)	Deviation (%)
			(dBm)	(mW)		
Bluetooth LE 1M PHY	2 402 MHz	V _{high} : DC 4.07 V	-2.32	0.59	0.5	17.23
		V _{nom} : DC 3.70 V	-2.17	0.61		21.35
		V _{low} : DC 3.33 V	-2.14	0.61		22.19
	2 440 MHz	V _{high} : DC 4.07 V	-0.86	0.82		64.07
		V _{nom} : DC 3.70 V	-0.88	0.82		63.32
		V _{low} : DC 3.33 V	-0.82	0.83		65.59
	2 480 MHz	V _{high} : DC 4.07 V	0.23	1.05		110.88
		V _{nom} : DC 3.70 V	0.21	1.05		109.91
		V _{low} : DC 3.33 V	0.25	1.06		111.85

5.3.3.2 Graphical Test Data – Antenna Power



Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



Date: 7.DEC.2025 21:00:13

5.3.3.3 Limitation of EIRP

The EIRP is defined as the output power added by antenna gain of 2.5 dBi.

With a declared rated power is 1 mW and deviation of +20 %, the allowed maximum output power is 1.2 mW, which equates to 0.25 dBm.

Thus, the worst case of EIRP is 2.75 dBm which is lower than 12.14 dBm as EIRP limit.

$$0.25 \text{ dBm} + 2.5 \text{ dBi} = 2.75 \text{ dBm}$$

5.4 Tolerance of Spurious and unwanted emission intensity

5.4.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

5.4.2 Limits

Test Item	Limits
Spurious and unwanted emission intensity	Under 2 387 MHz : below 2.5 μ W/MHz
	2 387 MHz to 2 400 MHz : below 25 μ W/MHz
	2 483.5 MHz to 2 496.5 MHz : below 25 μ W/MHz
	Above 2 496.5 MHz : below 2.5 μ W/MHz

5.4.3 Test Result

Test Date: 2025.12.07		Tested By: Yoonseok, Choi	
Temperature	(26 $\pm$ 1) $^{\circ}$ C	Relative humidity	(62 $\pm$ 3) % R.H.
Operating Mode	# 2	Duty cycle	(Bluetooth LE) 14.4 %
Measurement Method	☐ Radiated ☒ Conducted		
Antenna Gain	0.54 dBi	Test Result	Pass

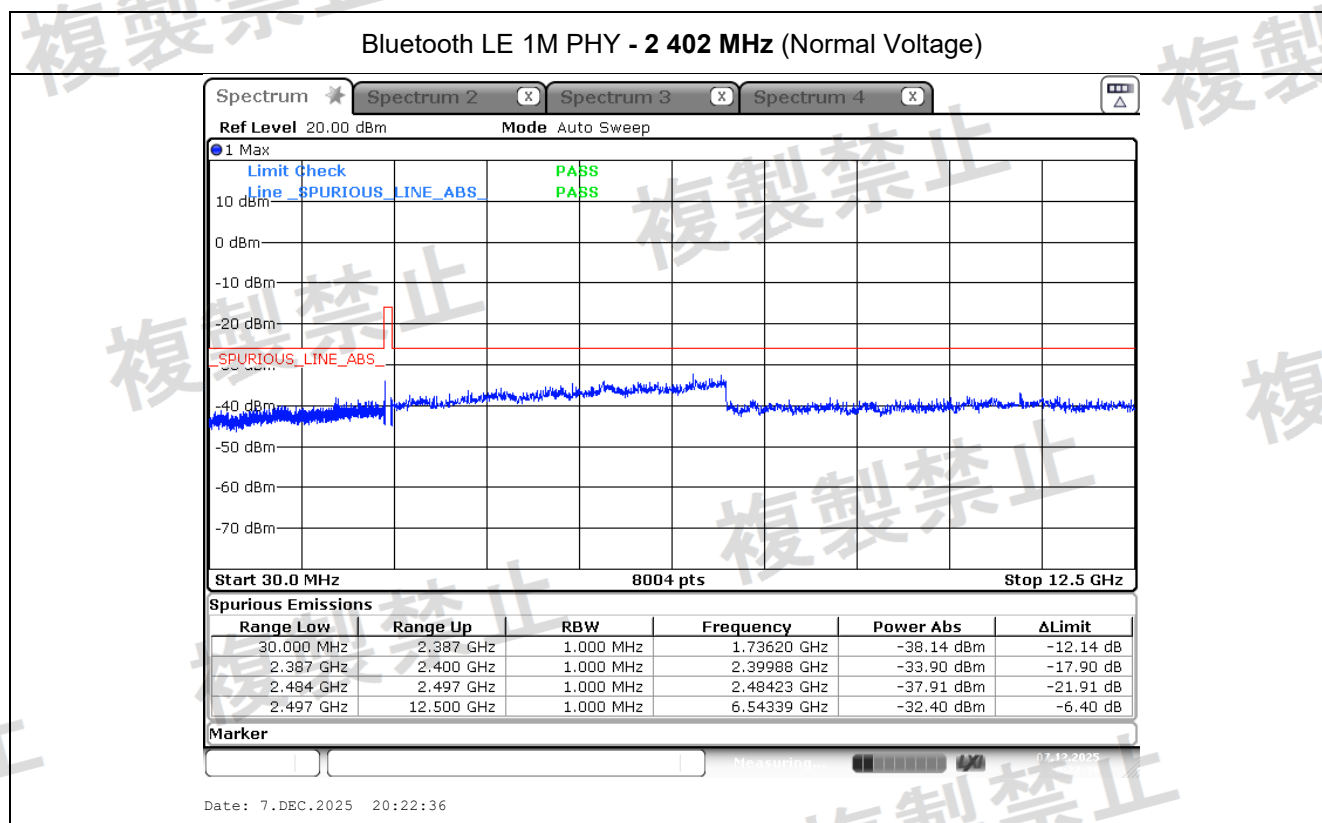
5.4.3.1 Tabulated Test Data

[Bluetooth LE 1M PHY]

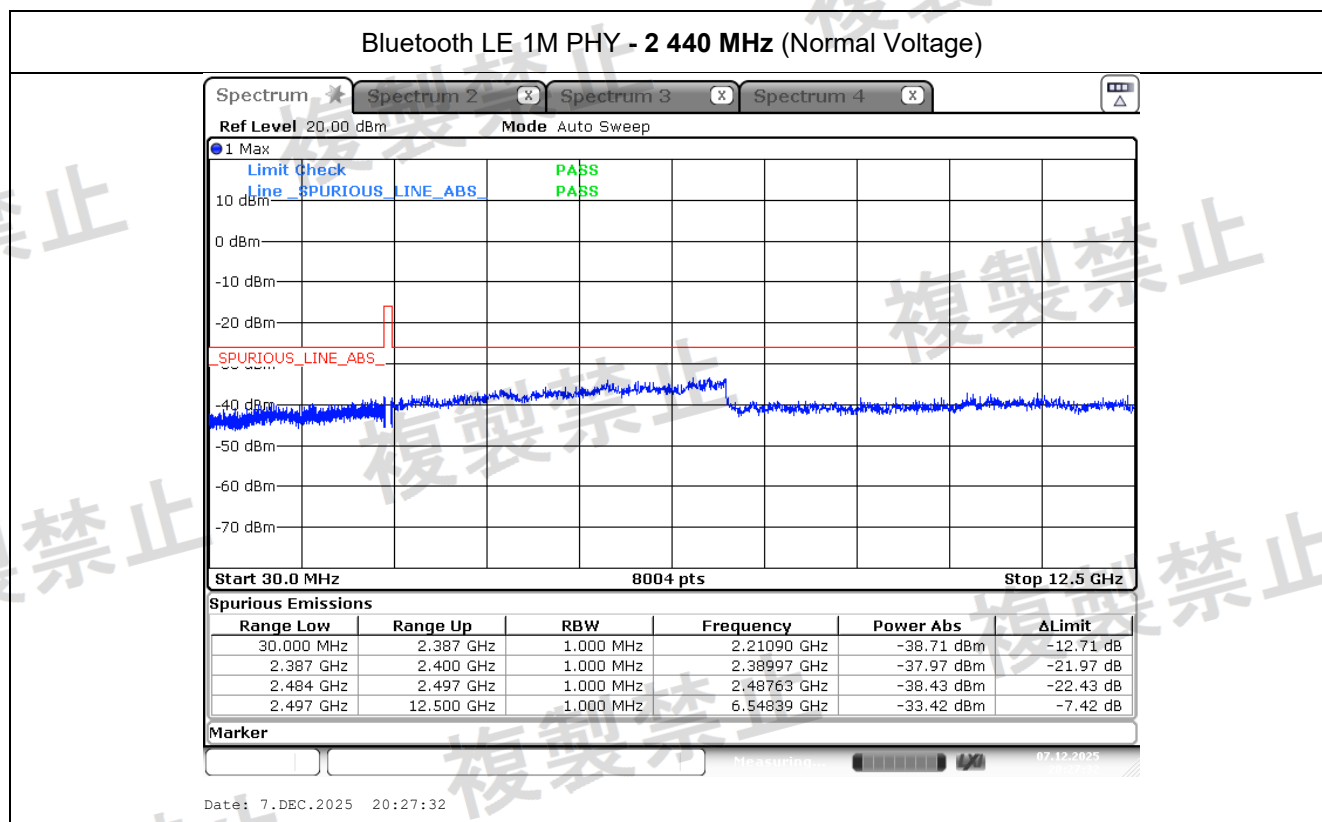
Frequency	Frequency range	Test condition	Measured Worst Frequency	Maximum emission		Limit (μW)
				(dBm)	(μW)	
2 402 MHz	30 MHz ~ 2 387 MHz	V _{high} : DC 4.07 V	1 836.33 MHz	-38.64	0.137	2.50
		V _{nom} : DC 3.70 V	1 736.20 MHz	-38.14	0.153	2.50
		V _{low} : DC 3.33 V	1 836.33 MHz	-38.64	0.137	2.50
	2 387 MHz ~ 2 400 MHz	V _{high} : DC 4.07 V	2 399.66 MHz	-33.35	0.462	25.0
		V _{nom} : DC 3.70 V	2 399.88 MHz	-33.90	0.407	25.0
		V _{low} : DC 3.33 V	2 399.66 MHz	-33.35	0.462	25.0
	2 483.5 MHz ~ 2 496.5 MHz	V _{high} : DC 4.07 V	2 492.24 MHz	-38.95	0.127	25.0
		V _{nom} : DC 3.70 V	2 484.23 MHz	-37.91	0.162	25.0
		V _{low} : DC 3.33 V	2 492.24 MHz	-38.95	0.127	25.0
	2 496.5 MHz ~ 12 500 MHz	V _{high} : DC 4.07 V	6 563.39 MHz	-32.72	0.535	2.50
		V _{nom} : DC 3.70 V	6 543.39 MHz	-32.40	0.575	2.50
		V _{low} : DC 3.33 V	6 843.35 MHz	-33.09	0.491	2.50
2 440 MHz	30 MHz ~ 2 387 MHz	V _{high} : DC 4.07 V	2 298.07 MHz	-38.51	0.141	2.50
		V _{nom} : DC 3.70 V	2 210.90 MHz	-38.71	0.135	2.50
		V _{low} : DC 3.33 V	2 298.07 MHz	-38.51	0.141	2.50
	2 387 MHz ~ 2 400 MHz	V _{high} : DC 4.07 V	2 389.97 MHz	-37.97	0.160	25.0
		V _{nom} : DC 3.70 V	2 389.97 MHz	-37.97	0.160	25.0
		V _{low} : DC 3.33 V	2 389.97 MHz	-37.97	0.160	25.0
	2 483.5 MHz ~ 2 496.5 MHz	V _{high} : DC 4.07 V	2 487.63 MHz	-38.43	0.144	25.0
		V _{nom} : DC 3.70 V	2 487.63 MHz	-38.43	0.144	25.0
		V _{low} : DC 3.33 V	2 487.59 MHz	-38.09	0.155	25.0
	2 496.5 MHz ~ 12 500 MHz	V _{high} : DC 4.07 V	6 848.35 MHz	-33.14	0.485	2.50
		V _{nom} : DC 3.70 V	6 548.39 MHz	-33.42	0.455	2.50
		V _{low} : DC 3.33 V	6 723.37 MHz	-33.09	0.491	2.50
2 480 MHz	30 MHz ~ 2 387 MHz	V _{high} : DC 4.07 V	2 374.63 MHz	-38.04	0.157	2.50
		V _{nom} : DC 3.70 V	2 207.37 MHz	-39.19	0.121	2.50
		V _{low} : DC 3.33 V	1 551.27 MHz	-39.25	0.119	2.50
	2 387 MHz ~ 2 400 MHz	V _{high} : DC 4.07 V	2 389.95 MHz	-38.94	0.128	25.0
		V _{nom} : DC 3.70 V	2 390.34 MHz	-39.11	0.123	25.0
		V _{low} : DC 3.33 V	2 399.20 MHz	-38.17	0.152	25.0
	2 483.5 MHz ~ 2 496.5 MHz	V _{high} : DC 4.07 V	2 491.50 MHz	-38.68	0.136	25.0
		V _{nom} : DC 3.70 V	2 493.51 MHz	-38.85	0.130	25.0
		V _{low} : DC 3.33 V	2 491.19 MHz	-38.42	0.144	25.0
	2 496.5 MHz ~ 12 500 MHz	V _{high} : DC 4.07 V	6 613.38 MHz	-33.01	0.500	2.50
		V _{nom} : DC 3.70 V	6 853.35 MHz	-33.46	0.451	2.50
		V _{low} : DC 3.33 V	6 948.33 MHz	-33.16	0.483	2.50

5.4.3.2 Graphical Test Data – Spurious and unwanted emission intensity

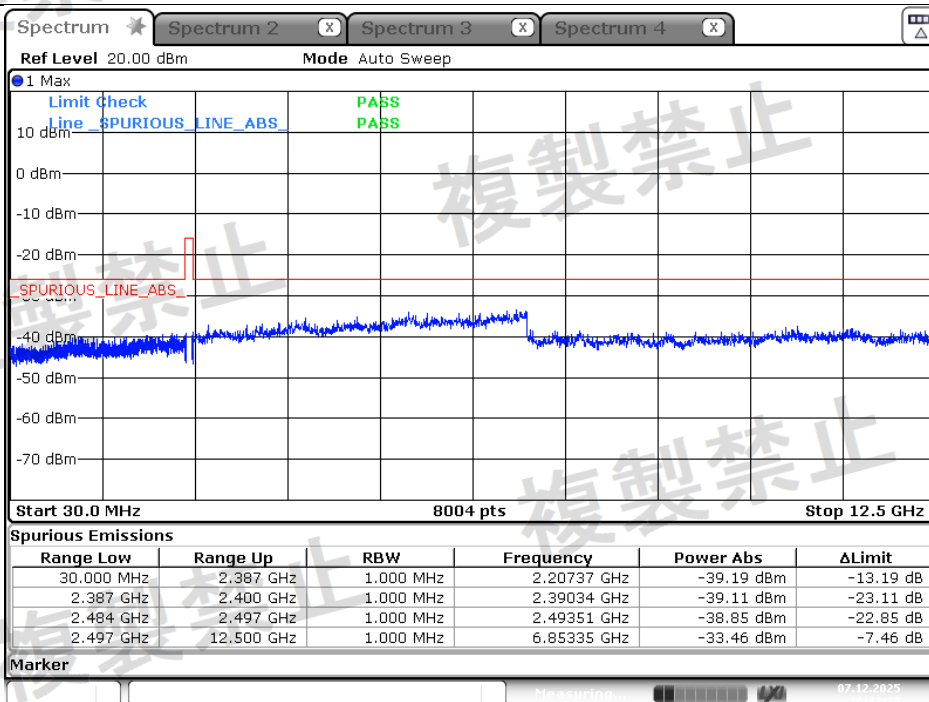
Bluetooth LE 1M PHY - 2 402 MHz (Normal Voltage)



Bluetooth LE 1M PHY - 2 440 MHz (Normal Voltage)



Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



Date: 7.DEC.2025 20:32:24

5.5 Limit of secondary radiated emissions

5.5.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

5.5.2 Limits

Test Item	Limits
Limit of secondary radiated emissions	Under 1 GHz : below 4 nW
	1 GHz to 10 GHz : below 20 nW
	Above 10 GHz : below 20 nW

5.5.3 Test Result

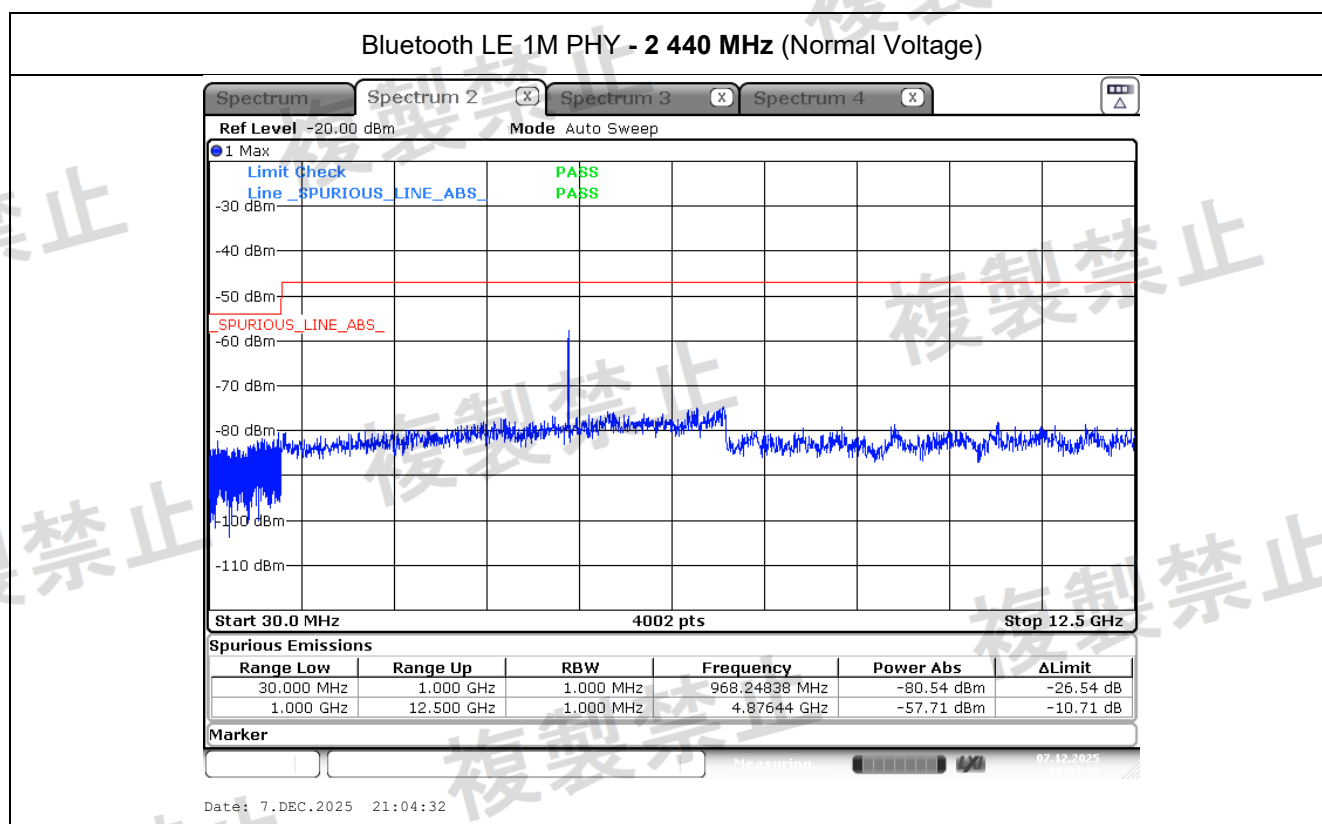
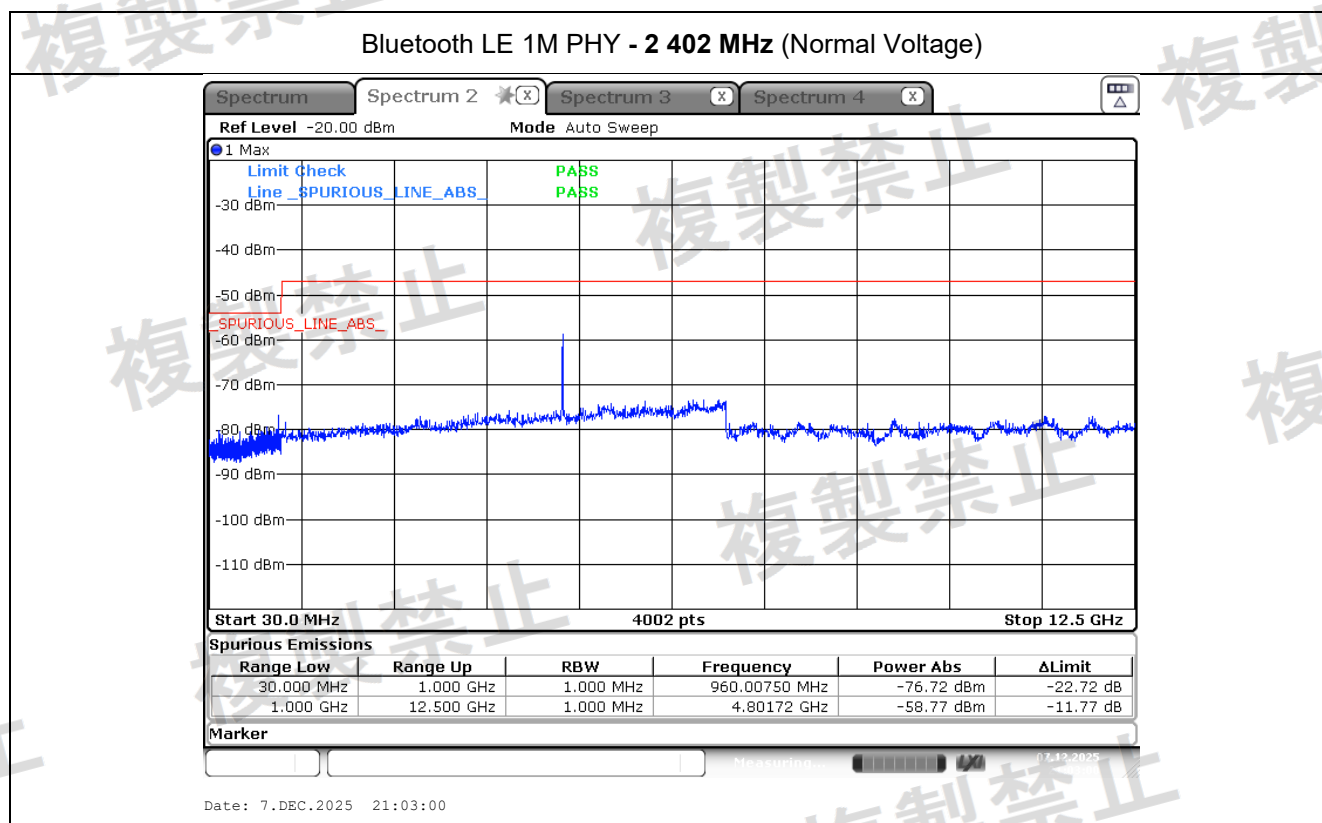
Test Date: 2025.12.07		Tested By: Yoonseok, Choi	
Temperature	(26 ± 1) °C	Relative humidity	(62 ± 3) % R.H.
Operating Mode	# 3	Duty cycle	-
Measurement Method	☐ Radiated ☒ Conducted		
Antenna Gain	0.54 dBi	Test Result	Pass

5.5.3.1 Tabulated Test Data

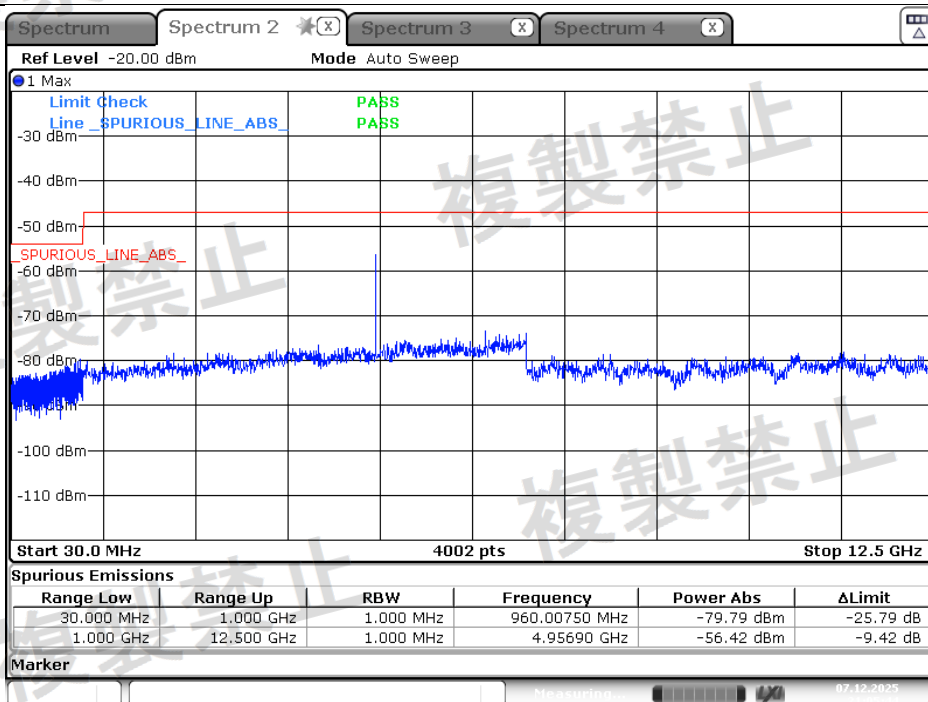
[Bluetooth LE 2M PHY]

Frequency	Frequency range	Test condition	Measured Worst Frequency	Maximum emission		Limit (nW)
				(dBm)	(nW)	
2 402 MHz	30 MHz ~ 1 000 MHz	V _{high} : DC 4.07 V	960.98 MHz	-78.58	0.014	4.00
		V _{nom} : DC 3.70 V	960.01 MHz	-76.72	0.021	4.00
		V _{low} : DC 3.33 V	960.01 MHz	-76.72	0.021	4.00
	1 GHz ~ 12.5 GHz	V _{high} : DC 4.07 V	4 801.72 MHz	-58.93	1.279	20.00
		V _{nom} : DC 3.70 V	4 801.72 MHz	-58.77	1.327	20.00
		V _{low} : DC 3.33 V	4 801.72 MHz	-58.61	1.377	20.00
2 440 MHz	30 MHz ~ 1 000 MHz	V _{high} : DC 4.07 V	960.01 MHz	-79.38	0.012	4.00
		V _{nom} : DC 3.70 V	968.25 MHz	-80.54	0.009	4.00
		V _{low} : DC 3.33 V	960.98 MHz	-78.56	0.014	4.00
	1 GHz ~ 12.5 GHz	V _{high} : DC 4.07 V	4 876.44 MHz	-58.43	1.435	20.00
		V _{nom} : DC 3.70 V	4 876.44 MHz	-57.71	1.694	20.00
		V _{low} : DC 3.33 V	4 876.44 MHz	-57.82	1.652	20.00
2 480 MHz	30 MHz ~ 1 000 MHz	V _{high} : DC 4.07 V	960.49 MHz	-79.62	0.011	4.00
		V _{nom} : DC 3.70 V	960.01 MHz	-79.79	0.010	4.00
		V _{low} : DC 3.33 V	960.01 MHz	-78.31	0.015	4.00
	1 GHz ~ 12.5 GHz	V _{high} : DC 4.07 V	4 956.90 MHz	-56.22	2.388	20.00
		V _{nom} : DC 3.70 V	4 956.90 MHz	-56.42	2.280	20.00
		V _{low} : DC 3.33 V	4 956.90 MHz	-56.66	2.158	20.00

5.5.3.2 Graphical Test Data – Limit of secondary radiated emissions



Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



Date: 7.DEC.2025 21:05:44

5.6 Interference Prevention Function

5.6.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

5.6.2 Test Result

Test Item	Test Result
Function of interference prevention function	Good

Appendix I. Test Instrumentation

Description / Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
Signal Analyzer / Rohde & Schwarz	FSW 13	101243	2025-01-09	2026-01-09	KCLAB CO., Ltd.	(c)
Signal Generator / Rohde & Schwarz	SMF100A	101441	2025-01-09	2026-01-09	KCLAB CO., Ltd.	(c)
Attenuator / Rohde & Schwarz	10 dB	ENG-2	2025-12-09	2026-12-09	HCT	(c)
DC Power Supply / AGILENT	U8001A	MY51080019	2025-06-26	2026-06-26	KCLAB CO., Ltd.	(c)

1. Calibration Method:

- (a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1).
- (b) Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
- (c) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- (d) Calibration conducted by using other equipment that listed above from a) to c).

2. The power supply was calibrated, which used the digital multimeter to verify before each testing.

3. The test was performed in Shield room.

(End of Test report)