

RADIO TEST REPORT

Test Report No. 16458301S-A-R1

Customer	Pilesout Inc.
Description of EUT	Golf Swing Analyzer
Model Number of EUT	MT520G
FCC ID	2BX39-MT520G
Test Regulation	FCC Part 15 Subpart C
Test Result	Complied
Issue Date	October 8, 2026
Remarks	-

Representative Test EngineerToshinori Yamada
Engineer**Approved By**Kazutaka Takeyama
Test report signatory

CERTIFICATE 1266.03

- ☐ The testing in which "Non-accreditation" is displayed is outside the accreditation scopes in UL Japan, Inc.
- ☒ There is no testing item of "Non-accreditation".

Report Cover Page - Form-ULID-003532 (DCS:13-EM-F0429) Issue# 27.0

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- For any test report referred in this report, the latest version (including any revisions) is always referred to.
- If the latest version is a revision, it replaces the previous version. See the table below for revisions and versions.

REVISION HISTORY

Revision	Test Report No.	Date	Page Revised Contents
- (Original)	16458301S-A	September 29, 2026	-
1	16458301S-A-R1	October 8, 2026	p.10 Correction of Manufacturer name from Pilesout Inc. to Seiko Epson Corporation p.27 Deletion of unnecessary data

Reference: Abbreviations (Including words undescribed in this report)

A2LA	The American Association for Laboratory Accreditation	IEC	International Electrotechnical Commission
AC	Alternating Current	IEEE	Institute of Electrical and Electronics Engineers
AFH	Adaptive Frequency Hopping	IF	Intermediate Frequency
AM	Amplitude Modulation	ILAC	International Laboratory Accreditation Conference
Amp, AMP	Amplifier	ISED	Innovation, Science and Economic Development Canada
ANSI	American National Standards Institute	ISO	International Organization for Standardization
Ant, ANT	Antenna	JAB	Japan Accreditation Board
AP	Access Point	LAN	Local Area Network
ASK	Amplitude Shift Keying	LIMS	Laboratory Information Management System
Atten., ATT	Attenuator	MCS	Modulation and Coding Scheme
AV	Average	MRA	Mutual Recognition Arrangement
BPSK	Binary Phase-Shift Keying	N/A	Not Applicable
BR	Bluetooth Basic Rate	NIST	National Institute of Standards and Technology
BT	Bluetooth	NS	No signal detect.
BT LE	Bluetooth LE	NSA	Normalized Site Attenuation
BW	BandWidth	NVLAP	National Voluntary Laboratory Accreditation Program
Cal Int	Calibration Interval	OBW	Occupied Band Width
CCK	Complementary Code Keying	OFDM	Orthogonal Frequency Division Multiplexing
Ch., CH	Channel	OFDMA	Orthogonal Frequency Division Multiple Access
CISPR	Comite International Special des Perturbations Radioelectriques	P/M	Power meter
CW	Continuous Wave	PCB	Printed Circuit Board
DBPSK	Differential BPSK	PER	Packet Error Rate
DC	Direct Current	PHY	Physical Layer
D-factor	Distance factor	PK	Peak
DFS	Dynamic Frequency Selection	PN	Pseudo random Noise
DQPSK	Differential QPSK	PP	Preamble Puncturing
DSSS	Direct Sequence Spread Spectrum	PRBS	Pseudo-Random Bit Sequence
EDR	Enhanced Data Rate	PSD	Power Spectral Density
EIRP, e.i.r.p.	Equivalent Isotropically Radiated Power	QAM	Quadrature Amplitude Modulation
EMC	ElectroMagnetic Compatibility	QP	Quasi-Peak
EMI	ElectroMagnetic Interference	QPSK	Quadri-Phase Shift Keying
EN	European Norm	RBW	Resolution Band Width
ERP, e.r.p.	Effective Radiated Power	RDS	Radio Data System
EU	European Union	RE	Radio Equipment
EUT	Equipment Under Test	RF	Radio Frequency
Fac.	Factor	RMS	Root Mean Square
FCC	Federal Communications Commission	RSS	Radio Standards Specifications
FHSS	Frequency Hopping Spread Spectrum	Rx	Receiving
FM	Frequency Modulation	SA, S/A	Spectrum Analyzer
Freq.	Frequency	SG	Signal Generator
FSK	Frequency Shift Keying	SVSWR	Site-Voltage Standing Wave Ratio
GFSK	Gaussian Frequency-Shift Keying	TR	Test Receiver
GNSS	Global Navigation Satellite System	Tx	Transmitting
GPS	Global Positioning System	VBW	Video BandWidth
Hori.	Horizontal	Vert.	Vertical
ICES	Interference-Causing Equipment Standard	WLAN	Wireless LAN

CONTENTS	PAGE
SECTION 1: Customer Information	5
SECTION 2: Equipment Under Test (EUT)	5
SECTION 3: Test Summary	6
SECTION 4: Operation of EUT during testing.....	9
SECTION 5: Radiated Spurious Emission	11
SECTION 6: Antenna Terminal Conducted Tests.....	13
APPENDIX 1: Test Data.....	14
99 % Occupied Bandwidth and 6 dB Bandwidth.....	14
Maximum Peak Output Power	17
Radiated Spurious Emission.....	20
Conducted Spurious Emission.....	31
Power Density.....	32
APPENDIX 2: Test Instruments.....	34
APPENDIX 3: Photographs of Test Setup.....	36
Radiated Spurious Emission.....	36
Pre-Check of Worst Case Position	37
Antenna Terminal Conducted Tests	38

SECTION 1: Customer Information

Company Name	Pilesout Inc.
Address	HEP NAVIO 6F, 7-10 Kakudacho, Kita-ku, Osaka, Osaka 530-0017, Japan
Telephone Number	+81-6-6450-5690
Contact Person	Kenya Kodaira

The information provided by the customer is as follows;

- Customer, Description of EUT, Model Number of EUT, FCC ID on the cover and other relevant pages
- Operating/Test Mode(s) (Mode(s)) on all the relevant pages
- SECTION 1: Customer Information
- SECTION 2: Equipment Under Test (EUT) other than the Receipt Date and Test Date
- SECTION 4: Operation of EUT during testing

SECTION 2: Equipment Under Test (EUT)

2.1 Identification of EUT

Description	Golf Swing Analyzer
Model Number	MT520G
Serial Number	Refer to SECTION 4.2
Condition	Production model
Modification	No Modification by the test lab
Receipt Date	August 5 and 9, 2026
Test Date	August 31 to September 9, 2026

2.2 Product Description

General Specification

Rating	DC 2.3 V to 3 V
Operating temperature	0 deg. C to 40 deg. C

Radio Specification

This report contains data provided by the customer which can impact the validity of results. UL Japan, Inc. is only responsible for the validity of results after the integration of the data provided by the customer. The data provided by the customer is marked "a)" in the table below.

Bluetooth LE

Equipment Type	Transceiver
Frequency of Operation	2402 MHz to 2480 MHz
Type of Modulation	GFSK
PHY	LE 1M, LE 2M
Antenna Gain ^{a)}	1.6 dBi

* MT520G (EUT) contains a sensor module, S811.

SECTION 3: Test Summary

3.1 Test Specification

Test Specification	FCC Part 15 Subpart C The latest version on the first day of the testing period
Title	FCC 47 CFR Part 15 Radio Frequency Device Subpart C Intentional Radiators Section 15.207 Conducted limits Section 15.247 Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz

* Also the EUT complies with FCC Part 15 Subpart B.

3.2 Reference Standards

ANSI/USEMCSC C63.2-2023
ANSI C63.4-2014/C63.4a-2017
ANSI C63.5-2017
ANSI C63.10-2020
ANSI/USEMCSC C63.10/Cor 1-2023
ANSI/USEMCSC C63.10a-2024 (incl. Errata)
ANSI C63.25.1-2018
KDB 558074 D01 v05r02
KDB 662911 D01 v02r01 for FCC MIMO device

3.3 Summary of Test Results

Item	Specification	Results	Remarks
Conducted Emission	FCC: Section 15.207 ISED: RSS-Gen section 8.8	N/A	*1)
6 dB Bandwidth	FCC: Section 15.247(a)(2) ISED: RSS-247 section 6.3.1(a)	Complied	Conducted
Maximum Peak Output Power	FCC: Section 15.247(b)(3) ISED: RSS-247 section 6.3.2	Complied	Conducted
Power Density	FCC: Section 15.247(e) ISED: RSS-247 section 6.3.1(b)	Complied	Conducted
Spurious Emission Restricted Band Edges	FCC: Section 15.247(d) ISED: RSS-247 section 6.6 RSS-Gen section 8.9 RSS-Gen section 8.10	Complied	Conducted (below 30 MHz) / Radiated (above 30 MHz) *2)

Note: UL Japan, Inc.'s EMI Work Procedures: Work Instructions-ULID-003591 and Work Instructions-ULID-003593.

*1) The test is not applicable since the EUT is not the device that is designed to be connected to the public utility (AC) power line.

*2) Radiated test was selected over 30 MHz based on section 15.247(d) and KDB 558074 D01 15.247 Meas Guidance v05r02 8.5 and 8.6.

FCC Part 15.31 (e)

The EUT provides stable voltage constantly to the wireless transmitter regardless of input voltage. A new battery was used for the Radiated Spurious Emission test. Instead of a new battery, DC power supply was used for the Antenna Terminal Conducted tests. That does not affect the test result, therefore the EUT complies with the requirement.

FCC Part 15.203 Antenna requirement

It is impossible for end users to replace the antenna, because the antenna is mounted inside of the EUT. Therefore, the equipment complies with the antenna requirement of Section 15.203.

3.4 Addition to Standard

Item	Specification	Results	Remarks
99% Occupied Bandwidth	ISED: -	-	Conducted

Other than above, no addition, exclusion nor deviation has been made from the standard.

3.5 Uncertainty

Measurement uncertainty is not taken into account when stating conformity with a specified requirement.
Note: When margins obtained from test results are less than the measurement uncertainty, the test results may exceed the limit.

The following uncertainties have been calculated to provide a confidence level of 95 % using a coverage factor $k = 2$.

Item	Frequency range	Uncertainty (+/-)
Conducted Emission (AC Mains) LISN	150 kHz to 30 MHz	3.2 dB
Radiated Emission (Measurement distance: 3 m)	9 kHz to 30 MHz	3.4 dB
	30 MHz to 200 MHz	4.8 dB
	200 MHz to 1 GHz	6.0 dB
	1 GHz to 6 GHz	4.7 dB
	6 GHz to 18 GHz	5.3 dB
	18 GHz to 40 GHz	5.4 dB
Radiated Emission (Measurement distance: 1 m)	1 GHz to 18 GHz	5.6 dB
	18 GHz to 40 GHz	5.7 dB

Antenna terminal test	Uncertainty (+/-)
Power Measurement above 1 GHz (Average Detector)	1.2 dB
Power Measurement above 1 GHz (Peak Detector)	2.1 dB
Spurious Emission (Conducted) below 1 GHz	1.7 dB
Conducted Emissions Power Density Measurement 1 GHz to 3 GHz	1.1 dB
Conducted Emissions Power Density Measurement 3 GHz to 18 GHz	2.7 dB
Spurious Emission (Conducted) 18 GHz to 26.5 GHz	2.9 dB
Spurious Emission (Conducted) 26.5 GHz to 40 GHz	2.6 dB
Bandwidth Measurement	0.012 %
Duty Cycle and Time Measurement	0.27 %
Temperature	2.2 deg.C.
Humidity	3.2 %
Voltage	0.92 %

3.6 Test Location

UL Japan, Inc. Shonan EMC Lab.

1-22-3, Megumigaoka, Hiratsuka-shi, Kanagawa-ken 259-1220 Japan

Telephone: +81-463-50-6400

A2LA Certificate Number: 1266.03

(FCC test firm registration number: 626366, ISED lab company number: 2973D / CAB identifier: JP0001)

Test room	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Maximum measurement distance
No.1 Semi-anechoic chamber (SAC1)	20.6 x 11.3 x 7.65	20.6 x 11.3	10 m
No.2 Semi-anechoic chamber (SAC2)	20.6 x 11.3 x 7.65	20.6 x 11.3	10 m
No.3 Semi-anechoic chamber (SAC3)	12.7 x 7.7 x 5.35	12.7 x 7.7	5 m
No.4 Semi-anechoic chamber (SAC4)	8.1 x 5.1 x 3.55	8.1 x 5.1	-
Wireless anechoic chamber 1 (WAC1)	9.5 x 6.0 x 5.4	9.5 x 6.0	3 m
Wireless anechoic chamber 2 (WAC2)	9.5 x 6.0 x 5.4	9.5 x 6.0	3 m
No.1 Shielded room (SR1)	6.8 x 4.1 x 2.7	6.8 x 4.1	-
No.2 Shielded room (SR2)	6.8 x 4.1 x 2.7	6.8 x 4.1	-
No.3 Shielded room (SR3)	6.3 x 4.7 x 2.7	6.3 x 4.7	-
No.4 Shielded room (SR4)	4.4 x 4.7 x 2.7	4.4 x 4.7	-
No.5 Shielded room (SR5)	7.8 x 6.4 x 2.7	7.8 x 6.4	-
No.6 Shielded room (SR6)	7.8 x 6.4 x 2.7	7.8 x 6.4	-
No.8 Shielded room (SR8)	3.45 x 5.5 x 2.4	3.45 x 5.5	-
No.1 Measurement room (MR1)	2.55 x 4.1 x 2.5	-	-
No.2 Measurement room (MR2)	4.5 x 3.5 x 2.5	-	-
Wireless shielded room 1 (WSR1)	3.0 x 4.5 x 2.7	3.0 x 4.5	-
Wireless shielded room 2 (WSR2)	3.0 x 4.5 x 2.7	3.0 x 4.5	-

3.7 Test Data, Test Instruments, and Test Set Up

Refer to APPENDIX.

SECTION 4: Operation of EUT during testing

4.1 Operating Mode(s)

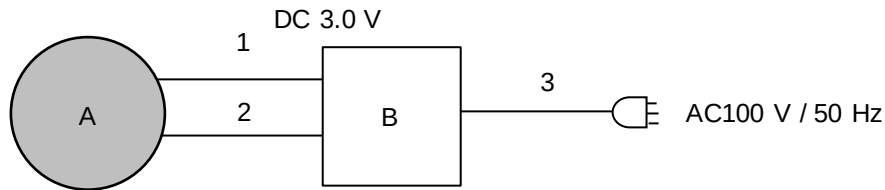
Mode	Remarks*
Bluetooth LE (BT LE)	Uncoded 1M-PHY (1M), Maximum Packet Size, PRBS9
Bluetooth LE (BT LE)	Uncoded 2M-PHY (2M), Maximum Packet Size, PRBS9
*Power of the EUT was set by the software as follows; Power Setting: Fixed Firmware: S811 wireless test mode Ver. 1.3 (Date: 2026.08.31, Storage location: EUT memory) *This setting of software is the worst case. Any conditions under the normal use do not exceed the condition of setting. In addition, end users cannot change the settings of the output power of the product.	

* Details of Operating Mode(s)

Test Item	Operating Mode	Tested Antenna	Tested Frequency
Radiated Spurious Emission (Below 1 GHz), Conducted Spurious Emission	Tx BT LE 1M *1)	-	2402 MHz
Radiated Spurious Emission (Above 1 GHz), Maximum Peak Output Power, Power Density, 6 dB Bandwidth, 99% Occupied Bandwidth	Tx BT LE 1M Tx BT LE 2M	-	2402 MHz 2440 MHz 2480 MHz
*1) Conducted Spurious Emission and Radiated Spurious emission for frequencies below 1 GHz were limited to the channel that had the highest power during the antenna terminal test, as preliminary testing indicated that changing the operating frequency had no significant impact on the emissions in those frequency bands.			

4.2 Configuration and Peripherals

[Antenna Terminal Conducted test]



Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Golf Swing Analyzer	MT520G	024 *1) 072 *2)	Seiko Epson Corporation	EUT
B	Power Supply (DC)	PAN16-10A	ER001077	Kikusui Electronics Corp.	-

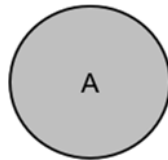
*1) Used for Operating Mode of BT LE 1M.

*2) Used for Operating Mode of BT LE 2M.

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC(+)	0.4	Unshielded	Unshielded	-
2	GND	0.4	Unshielded	Unshielded	-
3	AC	2.0	Unshielded	Unshielded	-

[Radiated Emission test]



* Test data was taken under worse case conditions.

Description of EUT

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Golf Swing Analyzer	MT520G	9252 *1) 9680 *2)	Seiko Epson Corporation	EUT

*1) Used for Operating Mode of BT LE 1M.

*2) Used for Operating Mode of BT LE 2M.

SECTION 5: Radiated Spurious Emission

Test Procedure

[For below 1 GHz]

EUT was placed on the platform of nominal size, 1.0 m by 1.5 m, raised 0.8 m above the conducting ground plane. The Radiated Electric Field Strength has been measured in a Semi Anechoic Chamber with a ground plane.

[For above 1 GHz]

EUT was placed on the platform of nominal size, 0.5 m by 0.5 m, raised 1.5 m above the conducting ground plane. The Radiated Electric Field Strength has been measured in a Semi Anechoic Chamber with absorbent materials lined on a ground plane. Test antenna was aimed at the EUT for receiving the maximum signal and always kept within the illumination area of the 3 dB beamwidth of the antenna.

The height of the measuring antenna varied between 1 m and 4 m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field strength.

The measurements were performed for both vertical and horizontal antenna polarization with the Test Receiver, or the Spectrum Analyzer.

The measurements were made with the following detector function of the test receiver and the Spectrum analyzer (in linear mode).

The test was made with the detector (RBW/VBW) in the following table.

When using Spectrum analyzer, the test was made with adjusting span to zero by using peak hold.

Test Antennas are used as below;

Frequency	30 MHz to 200 MHz	200 MHz to 1 GHz	Above 1 GHz
Antenna Type	Biconical	Logperiodic	Horn

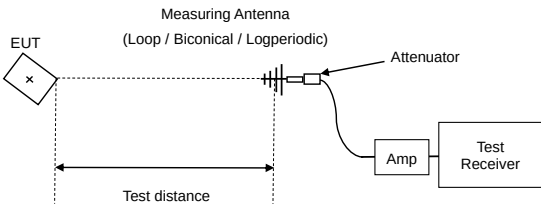
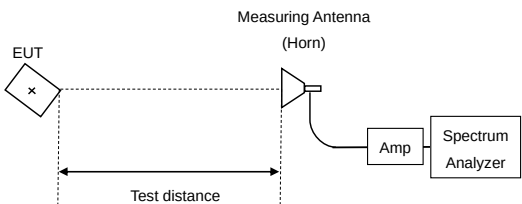
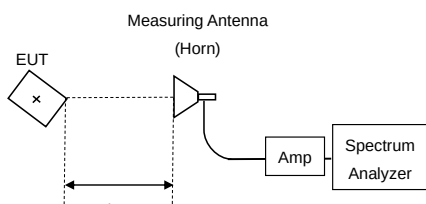
In any 100 kHz bandwidth outside the restricted band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on a radiated measurement.

20 dBc was applied to the frequency over the limit of FCC 15.209 / Table 4 of RSS-Gen 8.9(ISED) and outside the restricted band of FCC15.205 / Table 6 of RSS-Gen 8.10 (ISED).

It was measured with the settings below based on ANSI C63.10.

Frequency	Below 1 GHz	Above 1 GHz		20 dBc
Instrument Used	Test Receiver	Spectrum Analyzer		Spectrum Analyzer
Detector	QP	PK	AV	PK
IF Bandwidth	BW 120 kHz	RBW: 1 MHz VBW: 3 MHz	<u>11.12.2.5.1</u> RBW: 1 MHz VBW: 3 MHz Detector: Power Averaging (RMS) Trace: 100 traces	RBW: 100 kHz VBW: 300 kHz

Figure 2: Test Setup

Below 1 GHz	
 × : Center of turn table	Test Distance: 3 m
1 GHz to 10 GHz	
 × : Center of turn table	Test Distance: 3 m
10 GHz to 26.5 GHz	
 × : Center of turn table	Distance Factor: $20 \times \log (1.0 \text{ m} / 3.0 \text{ m}) = -9.54 \text{ dB}$ *Test Distance: 1 m

The carrier level and noise levels were confirmed at each position of X, Y and Z axes of EUT to see the position of maximum noise, and the test was made at the position that has the maximum noise.

Antenna polarization	Carrier	Spurious (30 MHz to 1 GHz)	Spurious (1 GHz to 2.8 GHz)	Spurious (2.8 GHz to 10 GHz)	Spurious (10 GHz to 18 GHz)	Spurious (18 GHz to 26.5 GHz)
Horizontal	X	X	X	Z	X	X
Vertical	Z	X	Z	Y	X	X

Test results are rounded off and limit are rounded down, so some differences might be observed.

Measurement Range : 30 MHz to 26.5 GHz
Test Data : APPENDIX
Test Result : Pass

SECTION 6: Antenna Terminal Conducted Tests

Test Procedure

The tests were made with below setting connected to the antenna port.

Test	Span	RBW	VBW	Sweep time	Detector	Trace	Instrument Used
6 dB Bandwidth	Enough width to display of - 6 dB down amplitude	100 kHz	300 kHz	Auto	Peak	Max Hold	Spectrum Analyzer
99% Occupied Bandwidth *1)	Enough width to display emission skirts	1 to 5 % of OBW	Three times of RBW	Auto	Peak	Max Hold	Spectrum Analyzer
Maximum Peak Output Power	-	-	-	Auto	Peak/ Average *2)	-	Power Meter (Sensor: 160 MHz BW)
Peak Power Density	1.5 times the 6 dB Bandwidth	3 kHz	9.1 kHz	Auto	Peak	Max Hold	Spectrum Analyzer *3)
Conducted Spurious Emission *4) *5)	9 kHz to 150 kHz	200 Hz	620 Hz	Auto	Peak	Max Hold	Spectrum Analyzer
	150 kHz to 30 MHz	10 kHz	30 kHz				
*1) Peak hold was applied as Worst-case measurement. *2) Reference data *3) Section 11.10.2 Method PKPSD (peak PSD) of "ANSI C63.10-2020". *4) In the frequency range below 30MHz, RBW was narrowed to separate the noise contents. Then, wide-band noise near the limit was checked separately, however the noise was not detected as shown in the chart. (9 kHz - 150 kHz: RBW = 200 Hz, 150 kHz - 30 MHz: RBW = 10 kHz)							

Test results are rounded off and limit are rounded down, so some differences might be observed.
The equipment and cables were not used for factor 0 dB of the data sheets.

Test Data : APPENDIX 1
Test Result : Pass

APPENDIX 1: Test Data

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx
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Date	Test Place	Temperature	Humidity	Engineer
August 31, 2026	SR5	23 deg.C	53 %RH	Toshinori Yamada

BT LE 1M

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2402	1063.6	0.709	> 0.5000
2440	1075.4	0.727	> 0.5000
2480	1073.6	0.721	> 0.5000

BT LE 2M

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2402	2085.1	1.323	> 0.5000
2440	2094.0	1.403	> 0.5000
2480	2089.9	1.325	> 0.5000

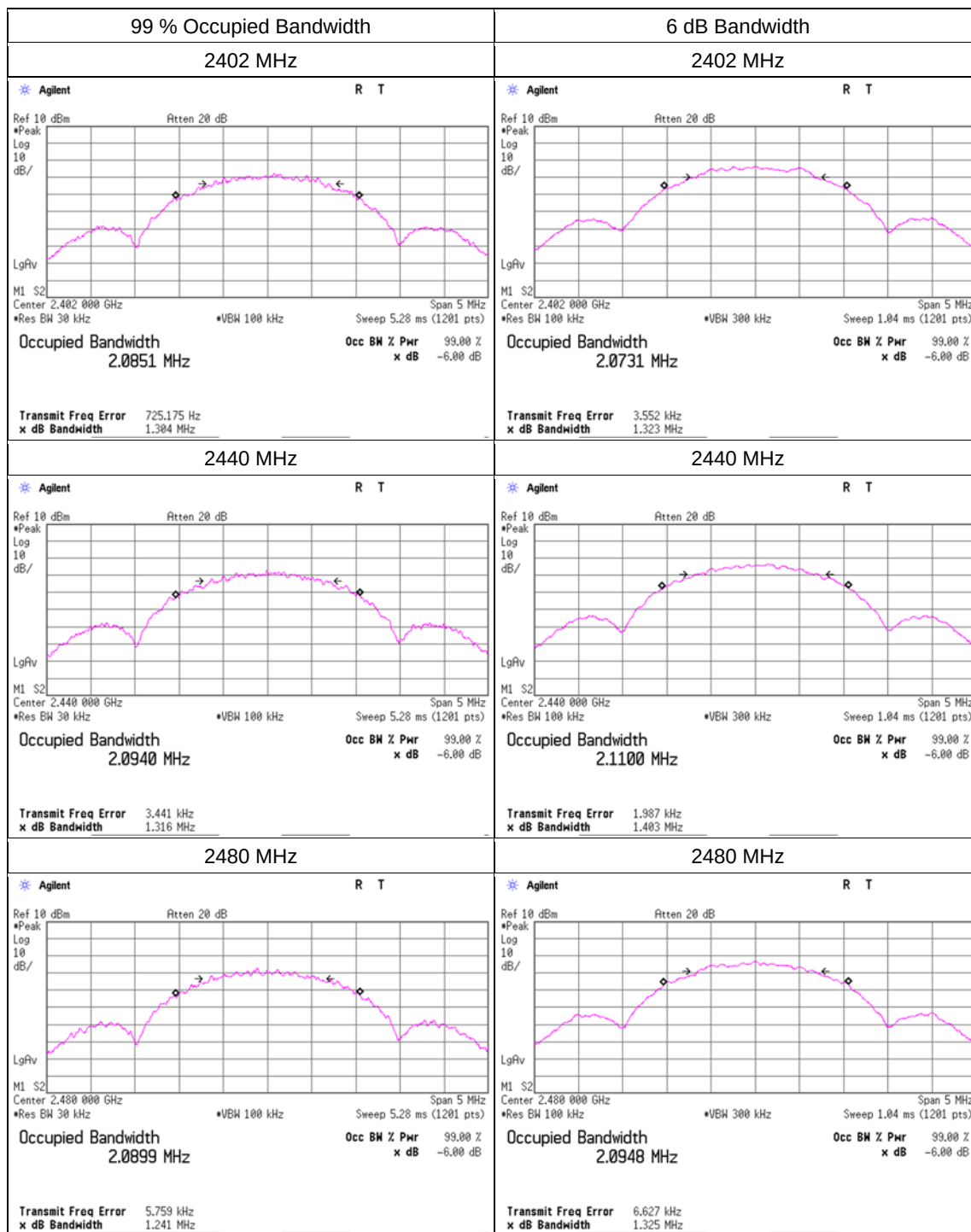
99 % Occupied Bandwidth and 6 dB Bandwidth

BT LE 1M

99 % Occupied Bandwidth	6 dB Bandwidth
2402 MHz Occupied Bandwidth 1.0636 MHz Transmit Freq Error x dB Bandwidth 10.873 kHz 684.422 kHz	2402 MHz Occupied Bandwidth 1.0796 MHz Transmit Freq Error x dB Bandwidth 2.156 kHz 708.534 kHz
2440 MHz Occupied Bandwidth 1.0754 MHz Transmit Freq Error x dB Bandwidth 5.862 kHz 716.603 kHz	2440 MHz Occupied Bandwidth 1.0858 MHz Transmit Freq Error x dB Bandwidth 3.259 kHz 727.426 kHz
2480 MHz Occupied Bandwidth 1.0736 MHz Transmit Freq Error x dB Bandwidth 6.136 kHz 734.357 kHz	2480 MHz Occupied Bandwidth 1.0918 MHz Transmit Freq Error x dB Bandwidth 3.516 kHz 720.954 kHz

99 % Occupied Bandwidth and 6 dB Bandwidth

BT LE 2M



Maximum Peak Output Power

Mode	Tx
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Date	Test Place	Temperature	Humidity	Engineer
September 9, 2026	SR5	23 deg.C	53 %RH	Hiromasa Sato

BT LE 1M

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power					Antenna Gain [dBi]	e.i.r.p. for RSS-247				
				Result		Limit		Margin		Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-10.83	1.17	9.97	0.32	1.08	30.00	1000.00	29.68	1.60	1.92	1.56	36.02	4000.00	34.10
2440	-11.12	1.18	9.97	0.04	1.01	30.00	1000.00	29.96	1.60	1.64	1.46	36.02	4000.00	34.38
2480	-11.24	1.18	9.97	-0.09	0.98	30.00	1000.00	30.09	1.60	1.51	1.42	36.02	4000.00	34.51

Sample Calculation:

Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

e.i.r.p. Result = Conducted Power Result + Antenna Gain

BT LE 2M

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power					Antenna Gain [dBi]	e.i.r.p. for RSS-247				
				Result		Limit		Margin		Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-10.99	1.17	9.97	0.16	1.04	30.00	1000.00	29.84	1.60	1.76	1.50	36.02	4000.00	34.26
2440	-11.27	1.18	9.97	-0.12	0.98	30.00	1000.00	30.12	1.60	1.48	1.41	36.02	4000.00	34.54
2480	-11.40	1.18	9.97	-0.25	0.95	30.00	1000.00	30.25	1.60	1.35	1.37	36.02	4000.00	34.67

Sample Calculation:

Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

e.i.r.p. Result = Conducted Power Result + Antenna Gain

Average Output Power

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
September 9, 2026	SR5	23 deg.C	53 %RH	Hiromasa Sato

BT LE 1M

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2402	-11.39	1.17	9.97	-0.25	0.95
2440	-11.63	1.18	9.97	-0.48	0.90
2480	-11.86	1.18	9.97	-0.71	0.85

Sample Calculation:

Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

*) This measurement was performed only on the on time using the gate function of power meter.

BT LE 2M

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2402	-11.50	1.17	9.97	-0.36	0.93
2440	-11.71	1.18	9.97	-0.56	0.88
2480	-11.83	1.18	9.97	-0.68	0.86

Sample Calculation:

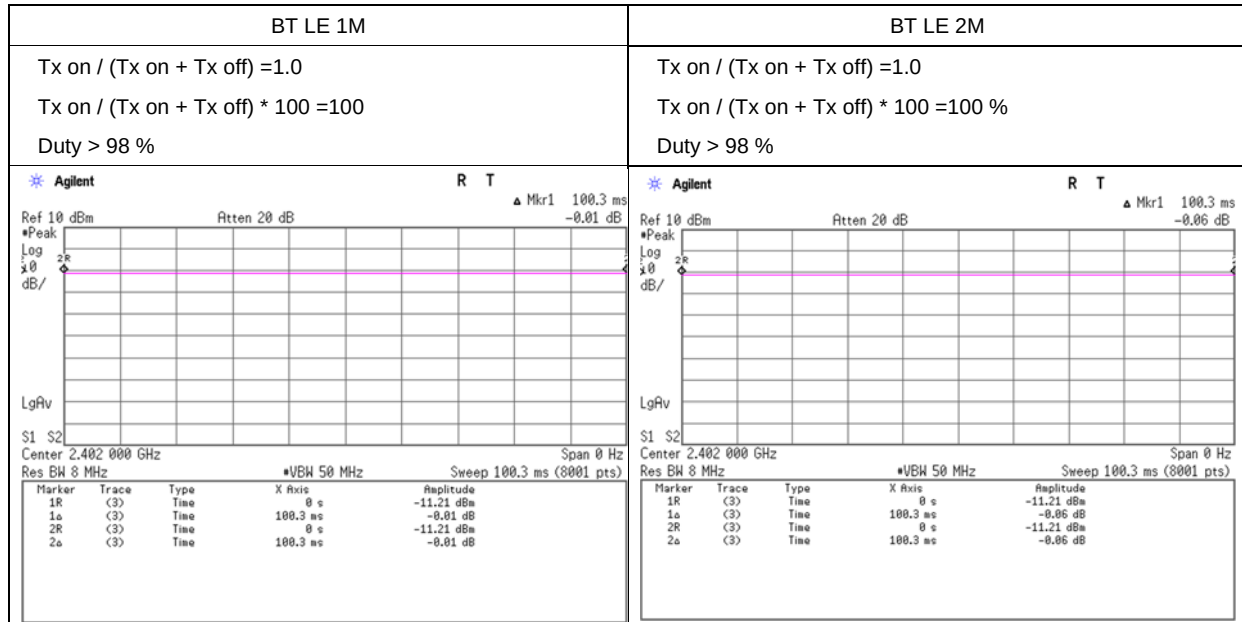
Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

*) This measurement was performed only on the on time using the gate function of power meter.

Burst rate confirmation

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
August 31, 2026	SR5	23 deg.C	53 %RH	Toshinori Yamada



Radiated Spurious Emission

Mode	Tx BT LE 1M 2402 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 1, 2026	SAC1	22 deg. C	56 % RH	Masahide Ozaki	Below 1 GHz, Above 10 GHz
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	31.212	QP	22.40	18.24	7.07	31.84	0.00	15.87	40.0	24.1	100	0	Floor Noise
Hori.	49.019	QP	22.30	11.56	7.47	31.84	0.00	9.49	40.0	30.5	100	0	Floor Noise
Hori.	918.295	QP	21.00	23.14	10.12	31.29	0.00	22.97	46.0	23.0	100	0	Floor Noise
Hori.	2390.000	PK	45.86	27.88	14.93	38.76	0.00	49.91	73.9	23.9	205	75	-
Hori.	4804.000	PK	49.91	31.10	7.64	38.58	0.00	50.07	73.9	23.8	104	187	-
Hori.	7206.000	PK	46.66	36.70	9.36	39.19	0.00	53.53	73.9	20.3	126	1	-
Hori.	9608.000	PK	47.50	38.12	10.97	39.70	0.00	56.89	73.9	17.0	150	0	Floor Noise
Hori.	2390.000	AV	34.83	27.88	14.93	38.76	0.00	38.88	53.9	15.0	205	75	-
Hori.	4804.000	AV	41.75	31.10	7.64	38.58	0.00	41.91	53.9	11.9	104	187	-
Hori.	7206.000	AV	36.39	36.70	9.36	39.19	0.00	43.26	53.9	10.6	126	1	-
Hori.	9608.000	AV	36.25	38.12	10.97	39.70	0.00	45.64	53.9	8.2	150	0	Floor Noise
Vert.	30.127	QP	22.00	18.69	7.04	31.84	0.00	15.89	40.0	24.1	100	0	Floor Noise
Vert.	48.106	QP	22.00	11.91	7.46	31.84	0.00	9.53	40.0	30.4	100	0	Floor Noise
Vert.	656.801	QP	21.60	20.25	8.73	32.11	0.00	18.47	46.0	27.5	100	0	Floor Noise
Vert.	935.179	QP	20.80	23.26	10.18	31.17	0.00	23.07	46.0	22.9	100	0	Floor Noise
Vert.	2390.000	PK	45.86	27.88	14.93	38.76	0.00	49.91	73.9	23.9	188	88	-
Vert.	4804.000	PK	49.25	31.10	7.64	38.58	0.00	49.41	73.9	24.4	100	88	-
Vert.	7206.000	PK	46.87	36.70	9.36	39.19	0.00	53.74	73.9	20.1	123	280	-
Vert.	9608.000	PK	47.21	38.12	10.97	39.70	0.00	56.60	73.9	17.3	150	0	Floor Noise
Vert.	2390.000	AV	34.87	27.88	14.93	38.76	0.00	38.92	53.9	14.9	188	88	-
Vert.	4804.000	AV	40.57	31.10	7.64	38.58	0.00	40.73	53.9	13.1	100	88	-
Vert.	7206.000	AV	36.04	36.70	9.36	39.19	0.00	42.91	53.9	10.9	123	280	-
Vert.	9608.000	AV	36.23	38.12	10.97	39.70	0.00	45.62	53.9	8.2	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.00[m] / 3.0[m]) = 0.00$ [dB]

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54$ [dB]

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2402.000	PK	78.14	27.86	14.94	38.76	0.00	82.18	-	-	Carrier
Hori.	2400.000	PK	37.68	27.86	14.94	38.76	0.00	41.72	62.1	20.3	-
Vert.	2402.000	PK	77.62	27.86	14.94	38.76	0.00	81.66	-	-	Carrier
Vert.	2400.000	PK	37.38	27.86	14.94	38.76	0.00	41.42	61.6	20.1	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) + Distance Fac.

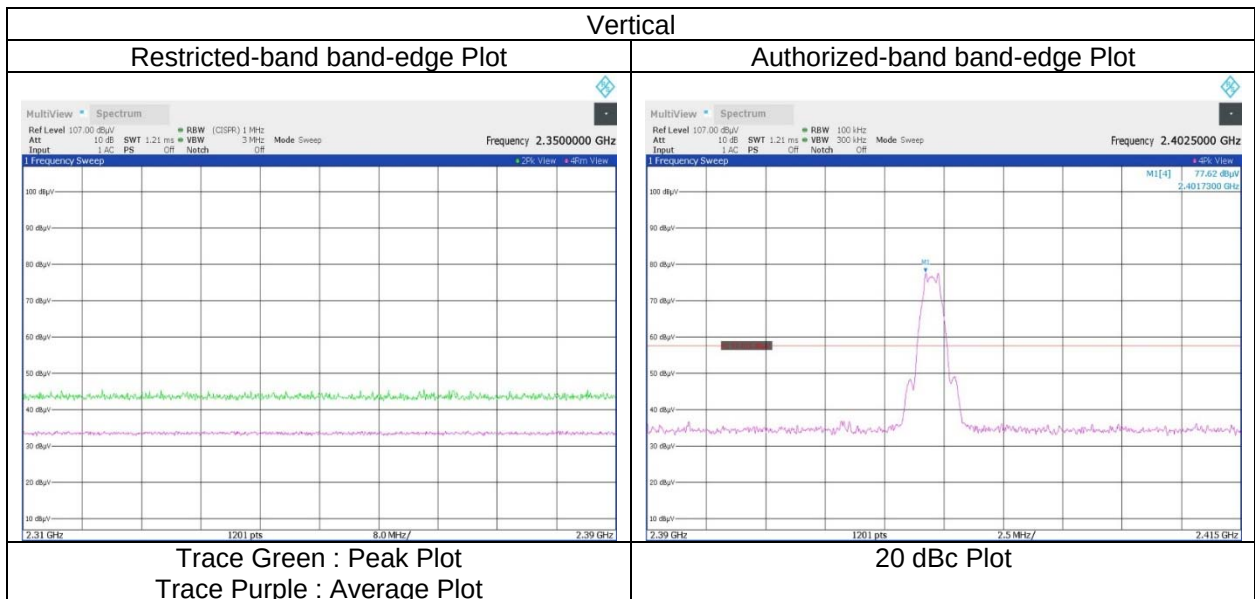
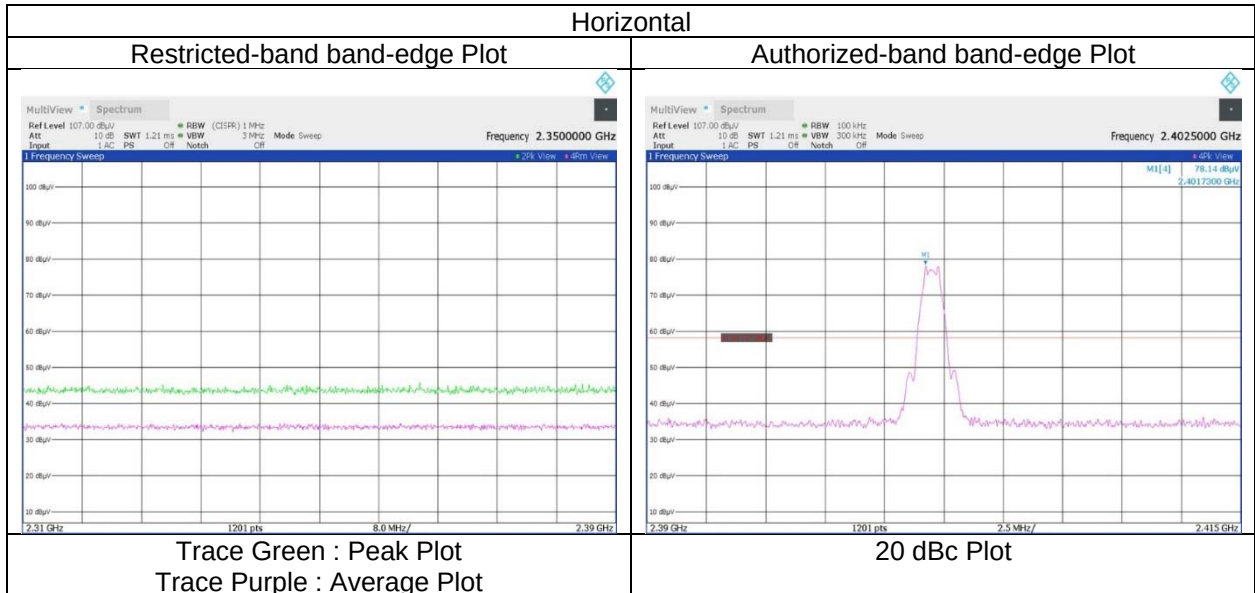
Distance Fac. : 1 GHz to 10 GHz : $20\log(3.00[m] / 3.0[m]) = 0.00$ [dB]

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54$ [dB]

Radiated Spurious Emission

Mode	Tx BT LE 1M 2402 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge and authorized band edge were shown in tabular data.

Radiated Spurious Emission

Mode	Tx BT LE 1M 2440 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 1, 2026	SAC1	22 deg. C	56 % RH	Masahide Ozaki	Above 10 GHz
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	4880.000	PK	48.60	31.13	7.71	38.60	0.00	48.84	73.9	25.0	122	184	-
Hori.	7320.000	PK	48.23	36.82	9.43	39.25	0.00	55.23	73.9	18.6	125	1	-
Hori.	9760.000	PK	47.09	38.56	11.06	39.74	0.00	56.97	73.9	16.9	150	0	Floor Noise
Hori.	4880.000	AV	39.43	31.13	7.71	38.60	0.00	39.67	53.9	14.2	122	184	-
Hori.	7320.000	AV	36.81	36.82	9.43	39.25	0.00	43.81	53.9	10.0	125	1	-
Hori.	9760.000	AV	36.24	38.56	11.06	39.74	0.00	46.12	53.9	7.7	150	0	Floor Noise
Vert.	4880.000	PK	48.73	31.13	7.71	38.60	0.00	48.97	73.9	24.9	101	89	-
Vert.	7320.000	PK	47.47	36.82	9.43	39.25	0.00	54.47	73.9	19.4	120	278	-
Vert.	9760.000	PK	47.16	38.56	11.06	39.74	0.00	57.04	73.9	16.8	150	0	Floor Noise
Vert.	4880.000	AV	39.88	31.13	7.71	38.60	0.00	40.12	53.9	13.7	101	89	-
Vert.	7320.000	AV	36.41	36.82	9.43	39.25	0.00	43.41	53.9	10.4	120	278	-
Vert.	9760.000	AV	36.32	38.56	11.06	39.74	0.00	46.20	53.9	7.7	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.00[m]/3.0[m]) = 0.00$ [dB]

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54$ [dB]

Radiated Spurious Emission

Mode	Tx BT LE 1M 2480 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 1, 2026	SAC1	22 deg. C	56 % RH	Masahide Ozaki	Above 10 GHz
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	2483.500	PK	46.09	27.71	15.02	38.72	0.00	50.10	73.9	23.8	149	75	-
Hori.	4960.000	PK	47.74	31.30	7.77	38.63	0.00	48.18	73.9	25.7	100	190	-
Hori.	7440.000	PK	47.65	37.00	9.52	39.32	0.00	54.85	73.9	19.0	116	0	-
Hori.	9920.000	PK	46.98	38.66	11.15	39.78	0.00	57.01	73.9	16.8	150	0	Floor Noise
Hori.	2483.500	AV	34.78	27.71	15.02	38.72	0.00	38.79	53.9	15.1	149	75	-
Hori.	4960.000	AV	38.13	31.30	7.77	38.63	0.00	38.57	53.9	15.3	100	190	-
Hori.	7440.000	AV	37.26	37.00	9.52	39.32	0.00	44.46	53.9	9.4	116	0	-
Hori.	9920.000	AV	36.08	38.66	11.15	39.78	0.00	46.11	53.9	7.7	150	0	Floor Noise
Vert.	2483.500	PK	46.15	27.71	15.02	38.72	0.00	50.16	73.9	23.7	204	83	-
Vert.	4960.000	PK	48.20	31.30	7.77	38.63	0.00	48.64	73.9	25.2	125	87	-
Vert.	7440.000	PK	47.16	37.00	9.52	39.32	0.00	54.36	73.9	19.5	371	267	-
Vert.	9920.000	PK	47.02	38.66	11.15	39.78	0.00	57.05	73.9	16.8	150	0	Floor Noise
Vert.	2483.500	AV	34.88	27.71	15.02	38.72	0.00	38.89	53.9	15.0	204	83	-
Vert.	4960.000	AV	38.43	31.30	7.77	38.63	0.00	38.87	53.9	15.0	125	87	-
Vert.	7440.000	AV	36.72	37.00	9.52	39.32	0.00	43.92	53.9	9.9	371	267	-
Vert.	9920.000	AV	36.11	38.66	11.15	39.78	0.00	46.14	53.9	7.7	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) + Distance Fac.

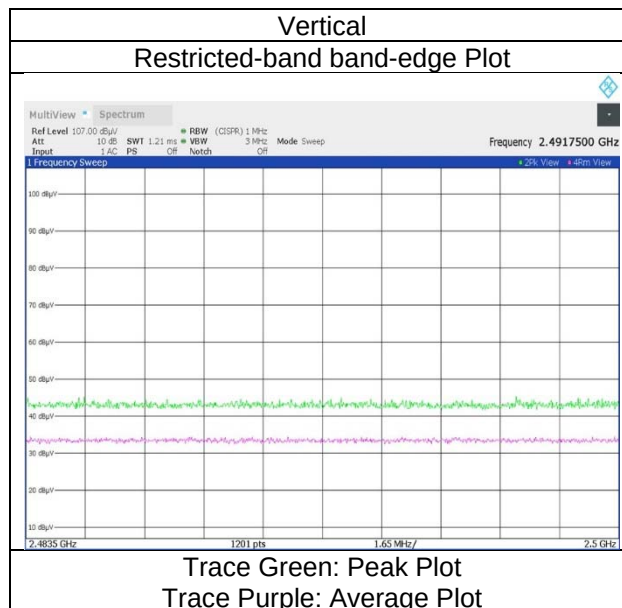
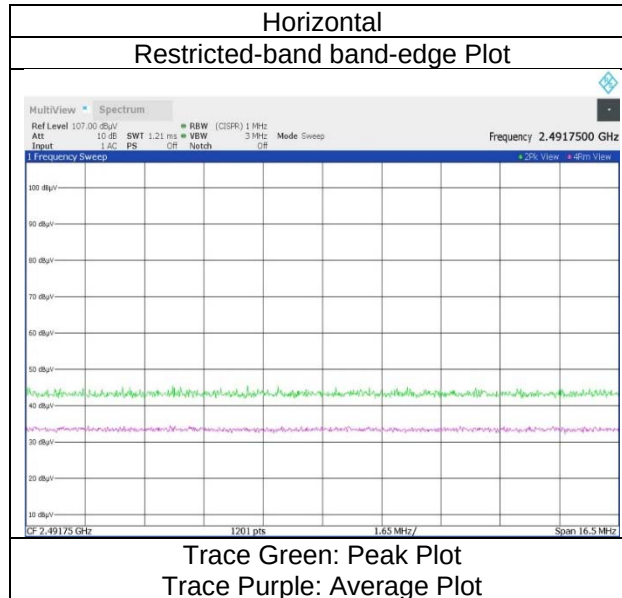
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.00[m] / 3.0[m]) = 0.00 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Radiated Spurious Emission

Mode	Tx BT LE 1M 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.
Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx BT LE 2M 2402 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 1, 2026	SAC1	22 deg. C	56 % RH	Masahide Ozaki	Above 10 GHz
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	2390.000	PK	46.04	27.88	14.93	38.76	0.00	50.09	73.9	23.8	205	75	-
Hori.	4804.000	PK	49.81	31.10	7.64	38.58	0.00	49.97	73.9	23.9	106	186	-
Hori.	7206.000	PK	47.02	36.70	9.36	39.19	0.00	53.89	73.9	20.0	123	1	-
Hori.	9608.000	PK	47.38	38.12	10.97	39.70	0.00	56.77	73.9	17.1	150	0	Floor Noise
Hori.	2390.000	AV	34.90	27.88	14.93	38.76	0.00	38.95	53.9	14.9	205	75	-
Hori.	4804.000	AV	41.18	31.10	7.64	38.58	0.00	41.34	53.9	12.5	106	186	-
Hori.	7206.000	AV	36.05	36.70	9.36	39.19	0.00	42.92	53.9	10.9	123	1	-
Hori.	9608.000	AV	36.20	38.12	10.97	39.70	0.00	45.59	53.9	8.3	150	0	Floor Noise
Vert.	2390.000	PK	46.31	27.88	14.93	38.76	0.00	50.36	73.9	23.5	119	82	-
Vert.	4804.000	PK	49.63	31.10	7.64	38.58	0.00	49.79	73.9	24.1	108	86	-
Vert.	7206.000	PK	46.88	36.70	9.36	39.19	0.00	53.75	73.9	20.1	122	278	-
Vert.	9608.000	PK	47.15	38.12	10.97	39.70	0.00	56.54	73.9	17.3	150	0	Floor Noise
Vert.	2390.000	AV	34.83	27.88	14.93	38.76	0.00	38.88	53.9	15.0	119	82	-
Vert.	4804.000	AV	41.35	31.10	7.64	38.58	0.00	41.51	53.9	12.3	108	86	-
Vert.	7206.000	AV	36.02	36.70	9.36	39.19	0.00	42.89	53.9	11.0	122	278	-
Vert.	9608.000	AV	36.18	38.12	10.97	39.70	0.00	45.57	53.9	8.3	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.00[m] / 3.0[m]) = 0.00 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2402.000	PK	76.35	27.86	14.94	38.76	0.00	80.39	-	-	Carrier
Hori.	2400.000	PK	47.50	27.86	14.94	38.76	0.00	51.54	60.3	8.7	-
Vert.	2402.000	PK	75.85	27.86	14.94	38.76	0.00	79.89	-	-	Carrier
Vert.	2400.000	PK	46.57	27.86	14.94	38.76	0.00	50.61	59.8	9.1	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) + Distance Fac.

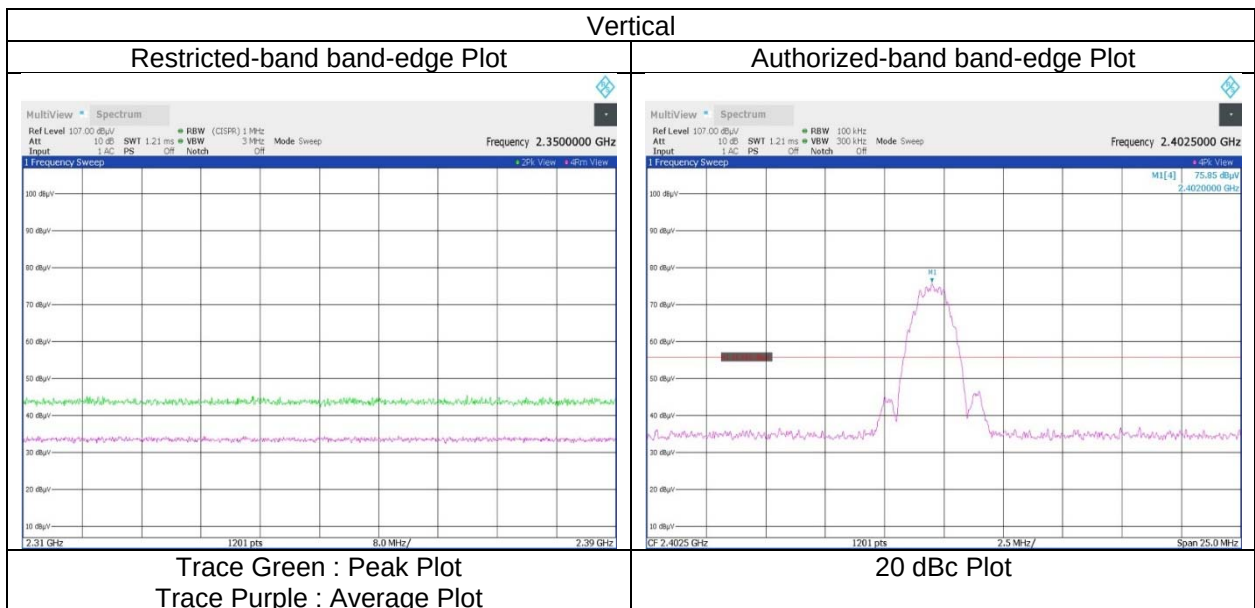
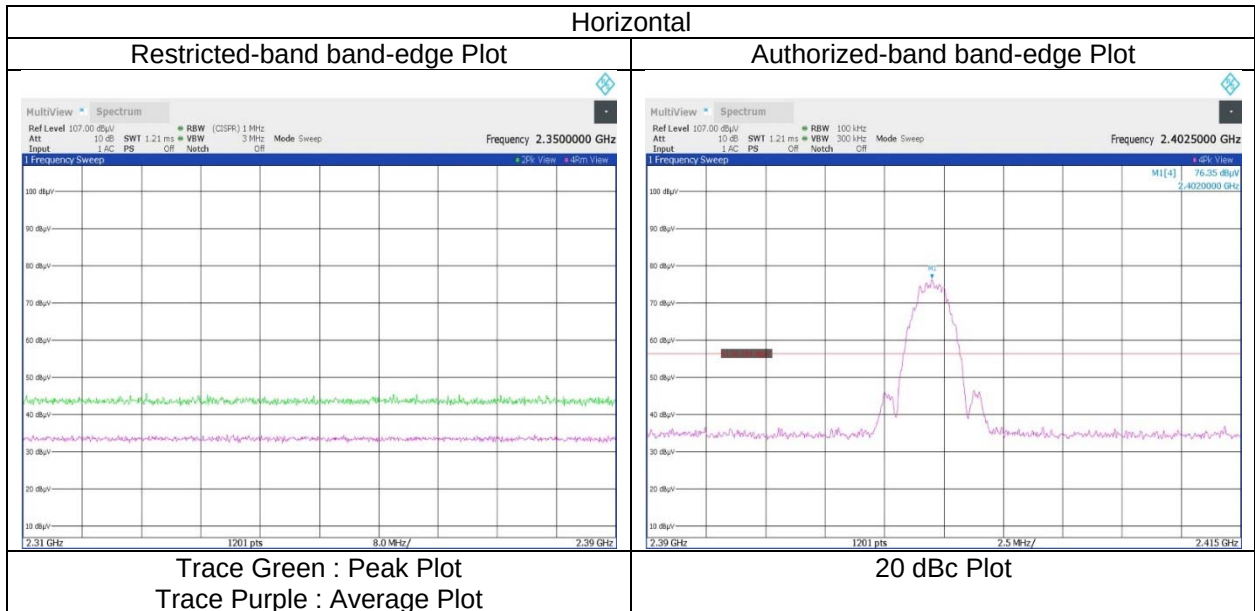
Distance Fac. : 1 GHz to 10 GHz : $20\log(3.00[m] / 3.0[m]) = 0.00 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Radiated Spurious Emission

Mode	Tx BT LE 2M 2402 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge and authorized band edge were shown in tabular data.

Radiated Spurious Emission

Mode	Tx BT LE 2M 2440 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 1, 2026	SAC1	22 deg. C	56 % RH	Masahide Ozaki	Above 10 GHz
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	4880.000	PK	49.87	31.13	7.71	38.60	0.00	50.11	73.9	23.7	103	187	-
Hori.	7320.000	PK	47.25	36.82	9.43	39.25	0.00	54.25	73.9	19.6	123	1	-
Hori.	9760.000	PK	47.01	38.56	11.06	39.74	0.00	56.89	73.9	17.0	150	0	Floor Noise
Hori.	4880.000	AV	41.16	31.13	7.71	38.60	0.00	41.40	53.9	12.5	103	187	-
Hori.	7320.000	AV	36.52	36.82	9.43	39.25	0.00	43.52	53.9	10.3	123	1	-
Hori.	9760.000	AV	36.21	38.56	11.06	39.74	0.00	46.09	53.9	7.8	150	0	Floor Noise
Vert.	4880.000	PK	50.25	31.13	7.71	38.60	0.00	50.49	73.9	23.4	104	88	-
Vert.	7320.000	PK	46.85	36.82	9.43	39.25	0.00	53.85	73.9	20.0	120	279	-
Vert.	9760.000	PK	47.14	38.56	11.06	39.74	0.00	57.02	73.9	16.8	150	0	Floor Noise
Vert.	4880.000	AV	42.06	31.13	7.71	38.60	0.00	42.30	53.9	11.6	104	88	-
Vert.	7320.000	AV	36.15	36.82	9.43	39.25	0.00	43.15	53.9	10.7	120	279	-
Vert.	9760.000	AV	36.26	38.56	11.06	39.74	0.00	46.14	53.9	7.7	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.00[m] / 3.0[m]) = 0.00 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Radiated Spurious Emission

Mode	Tx BT LE 2M 2480 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 1, 2026	SAC1	22 deg. C	56 % RH	Masahide Ozaki	Above 10 GHz
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	2483.500	PK	46.58	27.71	15.02	38.72	0.00	50.59	73.9	23.3	149	76	-
Hori.	4960.000	PK	48.95	31.30	7.77	38.63	0.00	49.39	73.9	24.5	106	187	-
Hori.	7440.000	PK	47.34	37.00	9.52	39.32	0.00	54.54	73.9	19.3	115	0	-
Hori.	9920.000	PK	46.90	38.66	11.15	39.78	0.00	56.93	73.9	16.9	150	0	Floor Noise
Hori.	2483.500	AV	35.12	27.71	15.02	38.72	0.00	39.13	53.9	14.7	149	76	-
Hori.	4960.000	AV	40.23	31.30	7.77	38.63	0.00	40.67	53.9	13.2	106	187	-
Hori.	7440.000	AV	37.09	37.00	9.52	39.32	0.00	44.29	53.9	9.6	115	0	-
Hori.	9920.000	AV	36.11	38.66	11.15	39.78	0.00	46.14	53.9	7.7	150	0	Floor Noise
Vert.	2483.500	PK	46.16	27.71	15.02	38.72	0.00	50.17	73.9	23.7	131	83	-
Vert.	4960.000	PK	49.09	31.30	7.77	38.63	0.00	49.53	73.9	24.3	124	87	-
Vert.	7440.000	PK	47.09	37.00	9.52	39.32	0.00	54.29	73.9	19.6	370	264	-
Vert.	9920.000	PK	47.06	38.66	11.15	39.78	0.00	57.09	73.9	16.8	150	0	Floor Noise
Vert.	2483.500	AV	34.97	27.71	15.02	38.72	0.00	38.98	53.9	14.9	131	83	-
Vert.	4960.000	AV	40.21	31.30	7.77	38.63	0.00	40.65	53.9	13.2	124	87	-
Vert.	7440.000	AV	36.61	37.00	9.52	39.32	0.00	43.81	53.9	10.0	370	264	-
Vert.	9920.000	AV	36.16	38.66	11.15	39.78	0.00	46.19	53.9	7.7	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

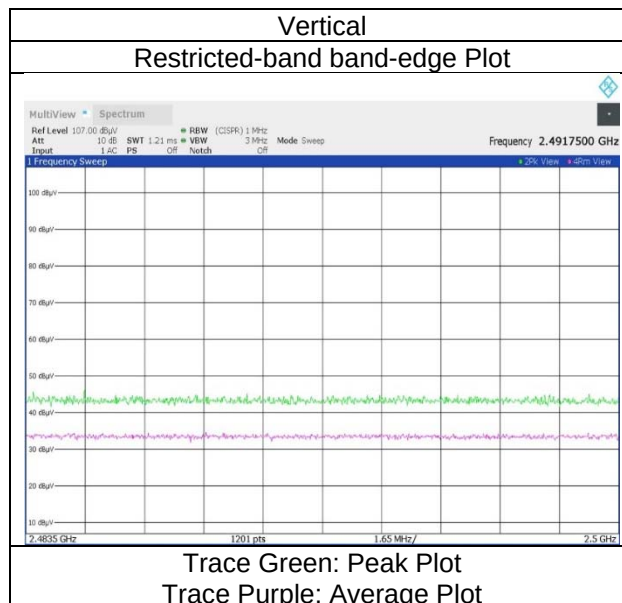
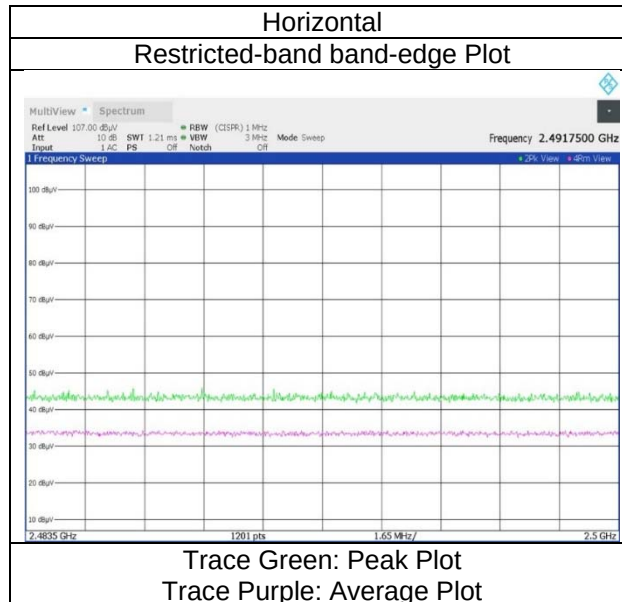
Distance Fac. : 1 GHz to 10 GHz : $20\log(3.00[m] / 3.0[m]) = 0.00 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Radiated Spurious Emission

Mode	Tx BT LE 2M 2480 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz

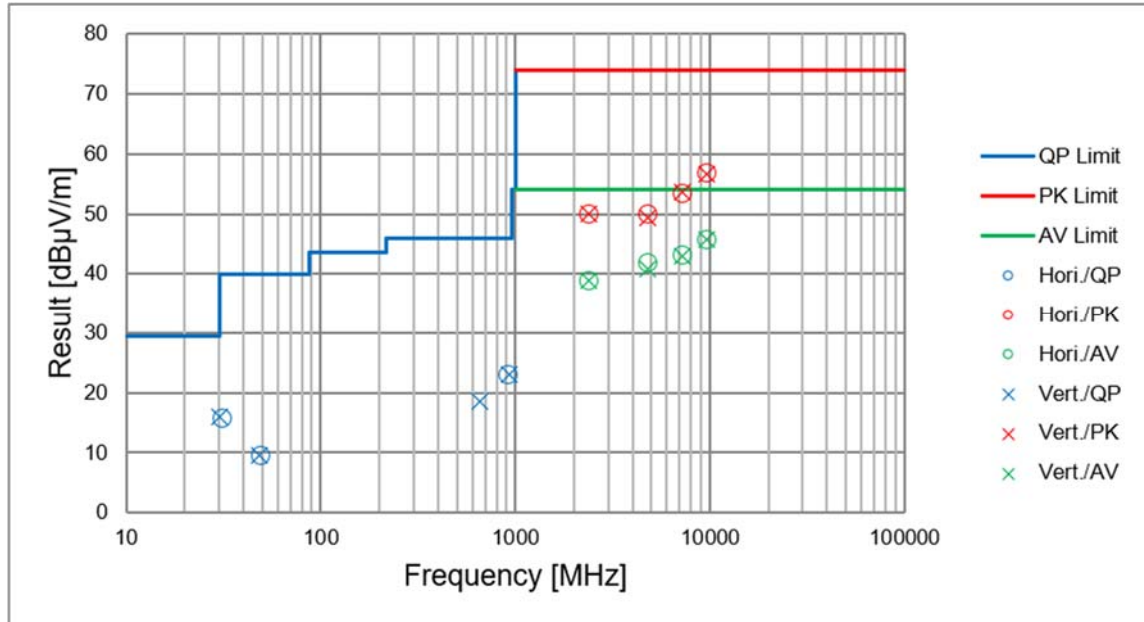


* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission
(Plot data, Worst case mode for Maximum Conducted Output Power)

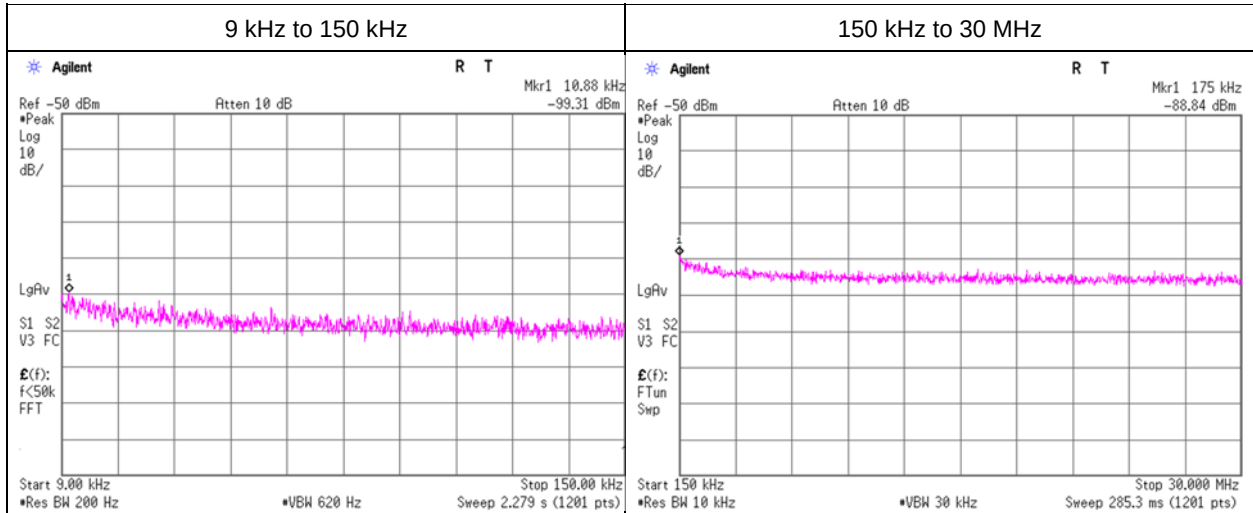
Mode	Tx BT LE 1M 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
September 1, 2026	SAC1	22 deg. C	56 % RH	Masahide Ozaki	Below 1 GHz, Above 10 GHz
September 2, 2026	SAC2	25 deg. C	65 % RH	Masahide Ozaki	1 GHz to 10 GHz



Conducted Spurious Emission

Mode	Tx BT LE 1M 2402 MHz			
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Date	Test Place	Temperature	Humidity	Engineer
August 31, 2026	SR5	23 deg.C	53 %RH	Toshinori Yamada



Freq. [kHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain * [dBi]	N (Number of Output)	EIRP [dBm]	Distance [m]	Ground bounce [dB]	E (field strength) [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
10.880	-99.31	0.51	9.91	2.00	1.0	-86.9	300	6.0	-25.6	46.8	72.4	-
175.000	-88.84	0.51	9.91	2.00	1.0	-76.4	300	6.0	-15.2	22.7	37.9	-

$E [dBuV/m] = EIRP [dBm] - 20 \log (Distance [m]) + Ground\ bounce [dB] + 104.8 [dBuV/m]$

$EIRP[dBm] = Reading [dBm] + Cable\ loss [dB] + Attenuator\ Loss [dB] + Antenna\ gain [dBi] + 10 * \log (N)$

N: Number of output

*2.0 dBi was applied to the test result based on ANSI C63.10 since antenna gain was less than 2.0 dBi.

Power Density

Mode	Tx BT LE
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Date	Test Place	Temperature	Humidity	Engineer
August 31, 2026	SR5	23 deg.C	53 %RH	Toshinori Yamada

BT LE 1M

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2402	-23.61	1.17	9.97	-12.47	8.00	20.47
2440	-25.36	1.18	9.97	-14.21	8.00	22.21
2480	-25.52	1.18	9.97	-14.37	8.00	22.37

Sample Calculation:

PSD: Power Spectral Density

PSD Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

BT LE 2M

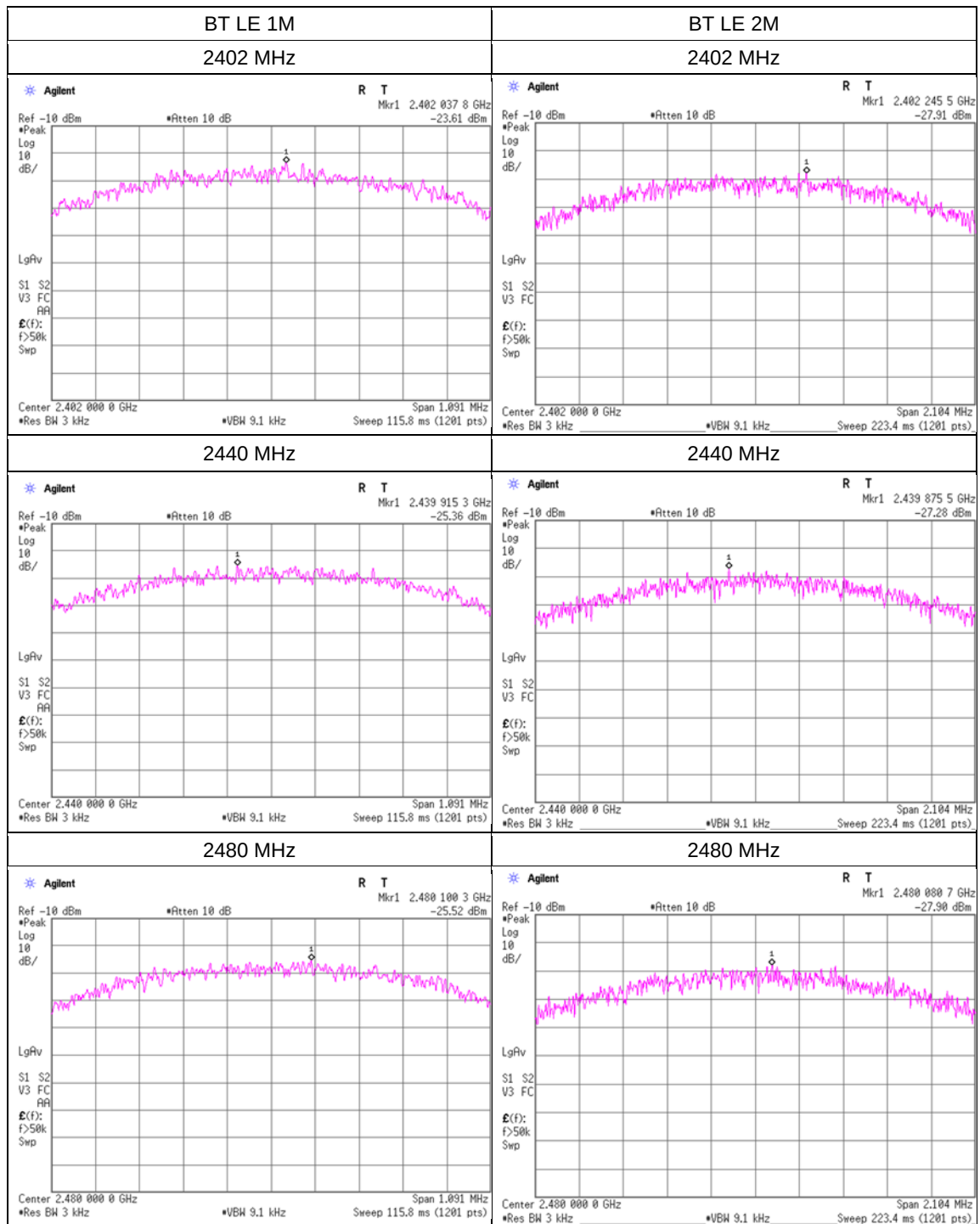
Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2402	-27.91	1.17	9.97	-16.77	8.00	24.77
2440	-27.29	1.18	9.97	-16.14	8.00	24.14
2480	-27.90	1.18	9.97	-16.75	8.00	24.75

Sample Calculation:

PSD: Power Spectral Density

PSD Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

Power Density



APPENDIX 2: Test Instruments

Test Equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	204927	Attenuator	Weinschel Corp.	54A-10	109972	2026/02/02	12
AT	239651	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	2001219/2	2026/08/10	12
AT	146212	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997828	2025/09/10	12
AT	146247	Power Meter	Keysight Technologies Inc	8990B	MY51000272	2026/05/03	12
AT	146310	Power sensor	Keysight Technologies Inc	N1923A	MY5326009	2026/05/03	12
AT	145801	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY48250152	2025/09/11	12
AT	145336	Tape Measure	PROMART	SEN1935	-	-	-
AT	259714	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2026/04/02	12
RE	144899	Attenuator	Inmet	18N-6dB	-	2025/11/12	12
RE	144959	Attenuator	JFW	50HF-003N	-	2026/07/01	12
RE	145136	Attenuator	Keysight Technologies Inc	8493C-010	74864	2025/10/16	12
RE	145161	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	BBA9106(VHA9103)	VHA91032664	2026/04/22	12
RE	145176	Coaxial Cable	Suhner	SUCOFLEX 102	32703/2	2026/08/09	12
RE	179540	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	802815/2	2026/03/08	12
RE	196985	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803650/2	2026/03/08	12
RE	200008	Coaxial Cable	Huber+Suhner	SUCOFLEX 104	575616/4	2026/06/14	12
RE	243212	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-NMS13-9.0m	49306-01-01	2026/06/14	12
RE	243215	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-NMS13-9.0m	49306-01-03	2026/06/14	12
RE	249680	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-NMS13-0.5m	50736-01-02	2026/03/08	12
RE	144967	Coaxial Cable&RF Selector	Fujikura/Fujikura/Suhner/Suhner/Suhner/TOYO	8D2W/12DSFA/141PE/141PE/141PE/141PE/NS4906	-/0901-269(RF Selector)	2026/04/10	12
RE	144968	Coaxial Cable&RF Selector	Fujikura/Fujikura/Suhner/Suhner/Suhner/TOYO	8D2W/12DSFA/141PE/141PE/141PE/141PE/NS4906	-/0901-269(RF Selector)	2026/04/10	12
RE	170932	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3(RE,CE,ME,PE)	Ver 3.1.0612	-	-
RE	145305	Highpass Filter	Micro-Tronics	HPM50111	119	2026/03/08	12
RE	145384	Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA9120D	726	2026/03/19	12
RE	145512	Horn Antenna	ETS-Lindgren	3160-09	00094868	2026/06/16	12
RE	194683	Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	694	2026/03/05	12
RE	236416	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VULP 9118 B	00974	2026/07/15	12
RE	145003	Pre Amplifier	SONOMA	310N	290211	2026/02/17	12
RE	145007	Pre Amplifier	Toyo Corporation	HAP18-26W	19	2026/08/09	12
RE	145127	Pre Amplifier	Toyo Corporation	TPA0118-36	2072554	2026/05/17	12
RE	145128	Pre Amplifier	Toyo Corporation	TPA0118-36	1440490	2026/05/14	12
RE	145561	Semi-Anechoic Chamber	TDK	SAEC-01(SVSWR)	1	2026/05/08	12
RE	145597	Semi-Anechoic Chamber	TDK	SAEC-01(NSA)	1	2026/04/10	12
RE	145598	Semi-Anechoic Chamber	TDK	SAEC-02(SVSWR)	2	2026/05/20	12
RE	207277	Tape Measure	ASKUL	-	-	-	-
RE	235717	Tape measure	ASKUL	-	-	-	-
RE	144200	Test Receiver	Rohde & Schwarz	ESW8	100952	2025/10/23	12
RE	146209	Test Receiver	Rohde & Schwarz	ESU26	100484	2025/09/09	12
RE	213530	Test Receiver	Rohde & Schwarz	ESW44	103068	2026/02/17	12
RE	259708	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2026/04/02	12
RE	259709	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2026/04/01	12

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

AT: Antenna Terminal Conducted test
RE: Radiated Emission