

EMI TEST REPORT

Test Report No. 15724270H-A-R1

Customer	Tokai Rika Create Corporation
Description of EUT	Car Audio Radio Receiver, TK-CR6
Model Number of EUT	347-3519-000
FCC ID	2AD4R347-3519-000
Test Regulation	FCC Part 15 Subpart B, Class B
Test Result	Complied
Issue Date	September 30, 2026
Remarks	-

Representative test engineerDaiki Matsui
Engineer**Approved by**Satofumi Matsuyama
Test report signatory

CERTIFICATE 5107.02

- ☐ 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)	15724270H-A	September 3, 2026	-
1	15724270H-A-R1	September 30, 2026	<u>4.2 Configuration and Peripherals</u> <u>List of Cables Used</u> - Corrected length of No.9 (Mic Cable): 0.3 → 0.3 for AT*, 3.3 for RE* - Added Abbreviations: AT (Antenna Terminal Conducted), RE (Radiated emission)

Reference: Abbreviations (Including words undescribed in this report)

A2LA	The American Association for Laboratory Accreditation	Hori.	Horizontal
AAN	Asymmetric Artificial Network	ICES	Interference-Causing Equipment Standard
AC	Alternating Current	I/O	Input/Output
AE	Auxiliary equipment	IEC	International Electrotechnical Commission
AM	Amplitude Modulation	IEEE	Institute of Electrical and Electronics Engineers
AMN	Artificial Mains Network	IF	Intermediate Frequency
Amp, AMP	Amplifier	ILAC	International Laboratory Accreditation Conference
ANSI	American National Standards Institute	ISED	Innovation, Science and Economic Development Canada
Ant, ANT	Antenna	ISN	Impedance Stabilization Network
AP	Access Point	ISO	International Organization for Standardization
ASK	Amplitude Shift Keying	JAB	Japan Accreditation Board
Atten., ATT	Attenuator	LAN	Local Area Network
AV	Average	LCL	Longitudinal Conversion Loss
BPSK	Binary Phase-Shift Keying	LIMS	Laboratory Information Management System
BR	Bluetooth Basic Rate	LISN	Line Impedance Stabilization Network
BT	Bluetooth	MRA	Mutual Recognition Arrangement
BT LE	Bluetooth LE	N/A	Not Applicable
BW	BandWidth	NIST	National Institute of Standards and Technology
C.F	Correction Factor	NS	No signal detect.
Cal Int	Calibration Interval	NSA	Normalized Site Attenuation
CAV	CISPR AV	OBW	Occupied BandWidth
CCK	Complementary Code Keying	OFDM	Orthogonal Frequency Division Multiplexing
CDN	Coupling Decoupling Network	PER	Packet Error Rate
Ch., CH	Channel	PK	Peak
CISPR	Comite International Special des Perturbations Radioelectriques	P _{LT}	long-term flicker severity
Corr.	Correction	POHC(A)	Partial Odd Harmonic Current
CPE	Customer premise equipment	Pol., Pola.	Polarization
CW	Continuous Wave	PR-ASK	Phase Reversal ASK
DBPSK	Differential BPSK	P _{ST}	short-term flicker severity
DC	Direct Current	QAM	Quadrature Amplitude Modulation
DET	Detector	QP	Quasi-Peak
D-factor, D.fac.	Distance factor	QPSK	Quadrature Phase Shift Keying
Dmax	maximum absolute voltage change during an observation period	r.m.s., RMS	Root Mean Square
DQPSK	Differential QPSK	RBW	Resolution BandWidth
DSSS	Direct Sequence Spread Spectrum	RE	Radio Equipment
DUT	Device Under Test	REV	Reverse
EDR	Enhanced Data Rate	RF	Radio Frequency
e.i.r.p., EIRP	Equivalent Isotropically Radiated Power	RFID	Radio Frequency Identifier
EM clamp	Electromagnetic clamp	RNSS	Radio Navigation Satellite Service
EMC	ElectroMagnetic Compatibility	RSS	Radio Standards Specifications
EMI	ElectroMagnetic Interference	Rx	Receiving
EMS	ElectroMagnetic Susceptibility	S.fac.	Site factor
EN	European Norm	SINAD	Ratio of (Signal + Noise + Distortion) to (Noise + Distortion)
e.r.p., ERP	Effective Radiated Power	S/N	Signal to Noise ratio
ETSI	European Telecommunications Standards Institute	SA, S/A	Spectrum Analyzer
EU	European Union	SABS	South African Bureau of Standards
EUT	Equipment Under Test	SANS	South African National Standards
Fac.	Factor	SG	Signal Generator
FCC	Federal Communications Commission	SVSWR	Site-Voltage Standing Wave Ratio
FHSS	Frequency Hopping Spread Spectrum	THC(A)	Total Harmonic Current
FM	Frequency Modulation	THD(%)	Total Harmonic Distortion
Freq.	Frequency	TR, T/R	Test Receiver
FSK	Frequency Shift Keying	Tx	Transmitting
Fund	Fundamental	UFA	Uniform field area
FWD	Forward	VBW	Video BandWidth
GFSK	Gaussian Frequency-Shift Keying	Vert.	Vertical
GNSS	Global Navigation Satellite System	WLAN	Wireless LAN
GPS	Global Positioning System	xDSL	Generic term for all types of DSL technology (DSL: Digital Subscriber Line)

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 Emission	11
SECTION 6: Antenna Terminal	13
APPENDIX 1: Test data	14
Radiated Emission	14
Antenna Terminal Conducted Emission.....	22
APPENDIX 2: Test instruments	25
APPENDIX 3: Photographs of test setup.....	26
Radiated Emission	26
Worst Case Position	28
Antenna Terminal Conducted Tests	29

SECTION 1: Customer information

Company Name	Tokai Rika Create Corporation
Address	2-3-10 Aoi, Higashi-ku, Nagoya, Aichi 461-0004 Japan
Telephone Number	+81-52-934-2111
Contact Person	Syohei Yamamoto

The information provided by the customer is as follows;

- Customer, Description of EUT, Model Number of EUT 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	Car Audio Radio Receiver, TK-CR6
Model Number	347-3519-000
Serial Number	Refer to SECTION 4.2
Condition	Engineering prototype (Not for Sale: This sample is equivalent to mass-produced items.)
Modification	No Modification by the test lab
Receipt Date	March 3, 2025
Test Date	March 17 to 30, 2025

2.2 Product Description

General Specification

Rating	DC 10 V to 32 V
Clock frequency (ies) in the system	8 MHz

Radio Specification

Bluetooth (BR/EDR)

Equipment Type	Transceiver
Frequency of Operation	2402 MHz to 2480 MHz
Type of Modulation	FHSS (GFSK, $\pi/4$ DQPSK, 8 DPSK)
Antenna Gain	1.6 dBi

AM/FM/DAB

Equipment Type	Receiver
Frequency of Operation	AM: 530 kHz to 1710 kHz FM: 87.5 MHz to 107.9 MHz DAB: 174.928 MHz to 239.200 MHz
Type of Modulation	AM FM DAB: OFDM

2.3 Variant model(s)

The EUT has variant model, Model No. 347-3518-000.

The difference between the EUT and the variant model is whether DAB is present or not.

Model No. 347-3518-000 does not include DAB.

SECTION 3: Test Summary

3.1 Test Specification

Test Specification	FCC Part 15 Subpart B The latest version on the first day of the testing period
Title	FCC 47CFR Part15 Radio Frequency Device Subpart B Unintentional Radiators

3.2 Reference Standards

ANSI/USEMCSC C63.2-2023
ANSI C63.4-2014+C63.4a-2017
ANSI C63.5-2017
ANSI C63.25.1-2018

3.3 Summary of Test Results

Item	Limits	Result	Remarks
Conducted emission	Part 15 Subpart B 15.107(a)	Complied	*1)
Radiated emission	Part 15 Subpart B 15.109(a)	Complied	-
Antenna Terminal	Part 15 Subpart B 15.111(a)	Complied	-
* Note: UL Japan, Inc.'s EMI Work Procedure: Work Instructions-ULID-003591. *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.			

3.4 Addition to standard

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 $k = 2$.

Radiated emission

Measurement distance	Frequency range		Unit	Calculated Uncertainty (+/-)
3 m	9 kHz to 30 MHz		dB	3.3
10 m			dB	3.1
3 m	30 MHz to 200 MHz	Horizontal	dB	5.0
		Vertical	dB	5.0
	200 MHz to 1000 MHz	Horizontal	dB	5.2
		Vertical	dB	6.2
10 m	30 MHz to 200 MHz	Horizontal	dB	5.5
		Vertical	dB	5.4
	200 MHz to 1000 MHz	Horizontal	dB	5.5
		Vertical	dB	5.5
3 m	1 GHz to 6 GHz		dB	5.1
	6 GHz to 18 GHz		dB	5.4
1 m	10 GHz to 18 GHz		dB	5.4
	18 GHz to 26.5 GHz		dB	5.3
	26.5 GHz to 40 GHz		dB	4.8
0.5 m	26.5 GHz to 40 GHz		dB	5.0

Antenna Terminal test

Item	Unit	Calculated Uncertainty (+/-)
Antenna terminal conducted emission	dB	3.1

3.6 Test Location

UL Japan, Inc. Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 Japan

Telephone: +81-596-24-8999

A2LA Certificate Number: 5107.02 / FCC Test Firm Registration Number: 884919

ISED Lab Company Number: 2973C / CAB identifier: JP0002

Test site	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Other rooms	Maximum measurement distance
No.1 semi-anechoic chamber	19.2 x 11.2 x 7.7	7.0 x 6.0	No.1 Power source room	10 m
No.2 semi-anechoic chamber	7.5 x 5.8 x 5.2	4.0 x 4.0	-	3 m
No.3 semi-anechoic chamber	12.0 x 8.5 x 5.9	6.8 x 5.75	No.3 Preparation room	3 m
No.3 shielded room	4.0 x 6.0 x 2.7	N/A	-	-
No.4 semi-anechoic chamber	12.0 x 8.5 x 5.9	6.8 x 5.75	No.4 Preparation room	3 m
No.4 shielded room	4.0 x 6.0 x 2.7	N/A	-	-
No.5 semi-anechoic chamber	6.0 x 6.0 x 3.9	6.0 x 6.0	-	-
No.5 measurement room	6.4 x 6.4 x 3.0	6.4 x 6.4	-	-
No.6 shielded room	4.0 x 4.5 x 2.7	4.0 x 4.5	-	-
No.6 measurement room	4.75 x 5.4 x 3.0	4.75 x 4.15	-	-
No.7 shielded room	4.7 x 7.5 x 2.7	4.7 x 7.5	-	-
No.8 measurement room	3.1 x 5.0 x 2.7	3.1 x 5.0	-	-
No.9 measurement room	8.8 x 4.6 x 2.8	2.4 x 2.4	-	-
No.10 shielded room	3.8 x 2.8 x 2.8	3.8 x 2.8	-	-
No.11 measurement room	4.0 x 3.4 x 2.5	N/A	-	-
No.12 measurement room	2.6 x 3.4 x 2.5	N/A	-	-
Large Chamber	16.9 x 22.1 x 10.17	16.9 x 22.1	-	10 m
Small Chamber	5.3 x 6.69 x 3.59	5.3 x 6.69	-	-

3.7 Test data, Test instruments, and Test set up

Refer to APPENDIX.

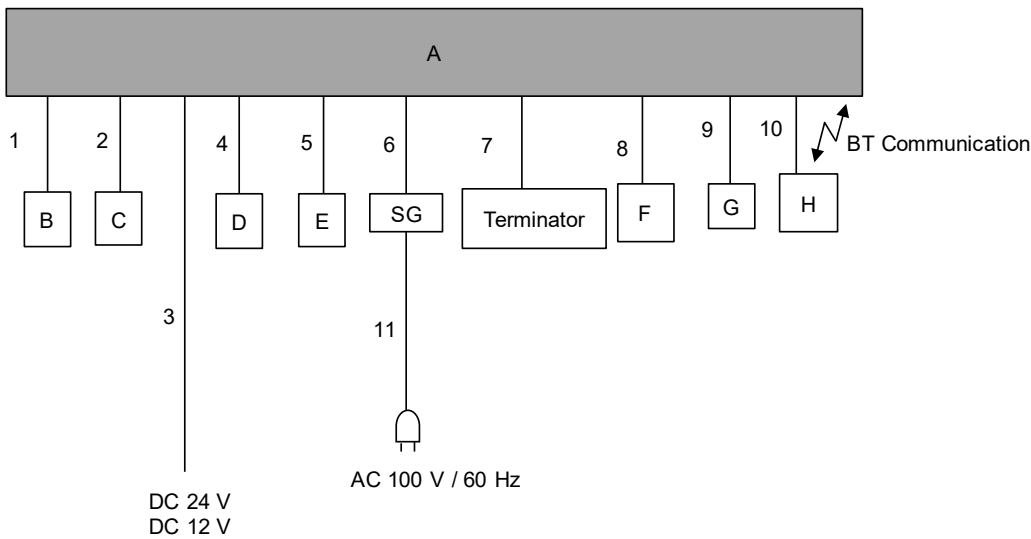
SECTION 4: Operation of EUT during testing

4.1 Operating Mode(s)

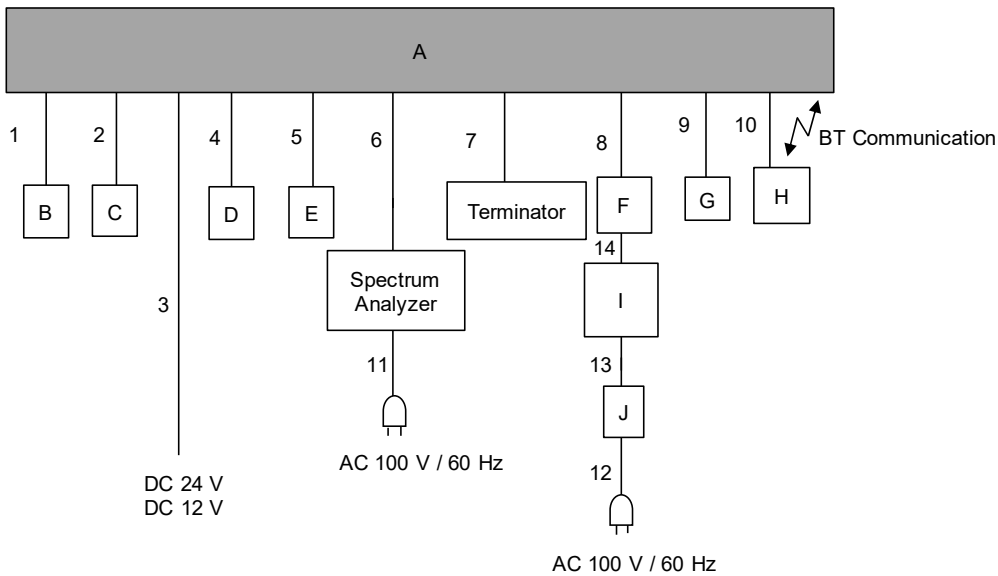
Mode	1. BT Communication + FM Receiving (Radiated Emission test) 2. FM Tuning + BT Communication (Antenna Terminal test)
Remarks	* FM Receiving (Local & Other)
Software(s)	sdi23047_api_v6080 Version: 6.0.8.0

4.2 Configuration and peripherals

Radiated emission



Antenna Terminal Conducted



* Cabling and setup(s) were taken into consideration and test data was taken under worse case conditions.
*As a result of comparing DC 12 V and DC 24 V at pre-check, all tests were performed with DC 24 V of the worst voltage as representative.

Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Car Audio Radio Receiver, TK-CR6	347-3519-000	No.42	Tokai Rika Create Corporation	EUT
B	Resistor	HS25 5R J	-	Ohmite Manufacturing Company	-
C	Resistor	HS25 5R J	-	Ohmite Manufacturing Company	-
D	Speaker	F04010H0	-	-	-
E	Speaker	F04010H0	-	-	-
F	Jig	-	-	-	-
G	Mic	-	-	-	-
H	MUSIC PLAYER	M2	-	JOLIKE	-
I	Laptop PC	X1 Carbon	R9-OH8OBW 15/9	LENOVO	*1)
J	AC Adapter	ADXL45NCC2A	11S45N0299Z1ZS944 B6KBR	LENOVO	*1)

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	USB Cable	2.0	Shielded	Shielded	-
2	USB Cable	2.0	Shielded	Shielded	-
3	DC Cable	3.0	Unshielded	Unshielded	-
4	Speaker Cable	3.0	Unshielded	Unshielded	-
5	Speaker Cable	3.0	Unshielded	Unshielded	-
6	AM/FM Antena Cable	1.5	Shielded	Shielded	-
7	DAB Antenna Cable	2.0	Shielded	Shielded	-
8	Signal Cable	3.0	Unshielded	Unshielded	-
9	Mic Cable	0.3 for AT* 3.3 for RE*	Shielded	Shielded	-
10	Audio Cable	3.5	Shielded	Shielded	-
11	AC Cable	2.0	Unshielded	Unshielded	-
12	AC Cable	1.0	Unshielded	Unshielded	*1)
13	DC Cable	1.7	Unshielded	Unshielded	*1)
14	USB Cable	1.0	Shielded	Shielded	*1)

*1) Used for Antenna Terminal conducted test

*AT: Antenna Terminal Conducted

*RE: Radiated emission

SECTION 5: Radiated Emission

5.1 Operating environment

Date : See data
Test place : See data
Temperature : See data
Humidity : See data
Test engineer : See data

5.2 Test configuration

EUT was placed on a urethane platform of nominal size, 1.0 m by 1.5 m, raised 0.8 m above the conducting ground plane.

The EUT was set on the edge of the tabletop.

Test was made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna was varied in height above the conducting ground plane to obtain the maximum signal strength.

Photographs of the set up are shown in APPENDIX.

5.3 Test conditions

Frequency range : 30 MHz to 200 MHz (Biconical antenna)
200 MHz to 1000 MHz (Logperiodic antenna)
1000 MHz to 12500 MHz (Horn antenna)
Test distance : See Figure 1
EUT position : Table top
EUT operation mode : See Clause 4.1

5.4 Test procedure

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

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

The radiated emission measurements were made with the following detector function of the Test Receiver and the Spectrum Analyzer.

The test of Local oscillator spurious has been measured up to appropriate frequency based on the result of the antenna terminal test.

Test antenna was aimed at the emission source for receiving the maximum signal and always kept. (Above 1 GHz)

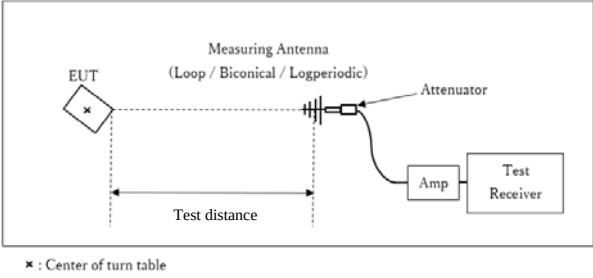
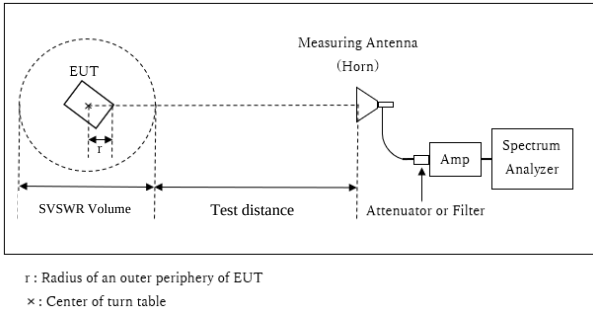
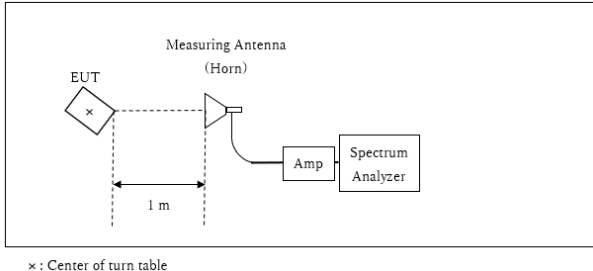
Frequency	Below 1 GHz	Above 1 GHz *1)
Instrument used	Test Receiver	Spectrum Analyzer
IF Bandwidth	QP: BW 120 kHz	PK: RBW: 1 MHz / VBW: 3 MHz AV *2): RBW: 1 MHz / VBW: 10 Hz

*1) The measurement data was adjusted to a 3 m distance using the following Distance Factor.

Distance Factor: See Figure 1.

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

Figure 1: Test Setup

Below 1 GHz	
 x : Center of turn table	Test Distance: 3 m
1 GHz to 10 GHz	
 r : Radius of an outer periphery of EUT x : Center of turn table	[1 GHz to 6 GHz] Distance Factor: $20 \times \log (3.20 \text{ m}^* / 3.00 \text{ m}) = 0.57 \text{ dB}$ *(Test Distance + SVSWR Volume / 2) - r = 3.20 m Test Distance: 3.00 m SVSWR Volume: 2.00 m (SVSWR Volume has been calibrated based on CISPR 16-1-4.) r: 0.80 m [6 GHz to 10 GHz] Distance Factor: $20 \times \log (4.30 \text{ m}^* / 3.00 \text{ m}) = 3.13 \text{ dB}$ *(Test Distance + SVSWR Volume / 2) - r = 4.30 m Test Distance: 4.30 m SVSWR Volume: 1.40 m (SVSWR Volume has been calibrated based on CISPR 16-1-4.) r = 0.70 m
10 GHz to 12.5 GHz	
 x : 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 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.

5.5 Test result

Summary of the test results: Pass

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

SECTION 6: Antenna Terminal

6.1 Operating environment

Date : See data
Test place : See data
Temperature : See data
Humidity : See data
Test engineer : See data

6.2 Test configuration

EUT was placed on a urethane platform of nominal size, 1.0 m by 1.5 m, raised 0.8 m from the ground. Photographs of the set up are shown in APPENDIX 3.

6.3 Test conditions

Frequency range : 30 MHz to 1000 MHz / 1000 MHz to 12500 MHz
Test distance : N/A
EUT position : Table top
EUT operation mode : See Clause 4.1

6.4 Test procedure

The Antenna Terminal was measured with a spectrum analyzer connected to the antenna port.

Frequency	Below 1 GHz	Above 1 GHz
Instrument used	Spectrum Analyzer	Spectrum Analyzer *1)
IF Bandwidth	PK: RBW: 100 kHz / VBW: 300 kHz	PK: RBW: 1 MHz / VBW: 3 MHz

*1) The Spectrum Analyzer was used in 3 dB resolution bandwidth.

6.5 Test result

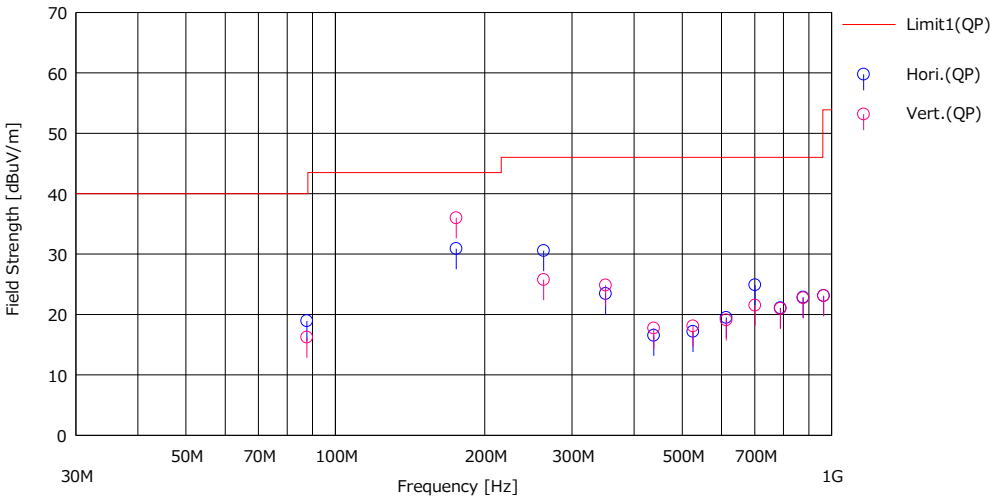
Summary of the test results: Pass

APPENDIX 1: Test data

Radiated Emission

Test place Ise EMC Lab.
Semi Anechoic Chamber No.4
Date March 17, 2025
Temperature / Humidity 19 deg. C / 39 % RH
Engineer Hiroyuki Furutaka
 (Below 1 GHz)
Mode Mode 1 Local (87.5 MHz)

Limit : FCC_Part 15 Subpart B(15.109)_Class B



No.	Freq. [MHz]	Reading (QP)	Ant.Fac [dB]	Loss [dB]	Gain [dB]	Result (QP)	Limit (QP)	Margin (QP)	Pola. [H/V]	Height [cm]	Angle [deg.]	Ant. Type	Comment
		[dBuV]				[dBuV/m]	[dBuV/m]	[dB]					
1	87.628	35.20	8.26	7.55	32.08	18.93	40.00	21.07	Hori.	241	234	BA	
2	175.256	38.70	15.87	8.34	32.02	30.89	43.50	12.61	Hori.	303	234	BA	
3	262.884	41.00	12.48	9.10	32.02	30.56	46.00	15.44	Hori.	124	234	LA23	
4	350.512	30.60	15.17	9.73	32.06	23.44	46.00	22.56	Hori.	257	189	LA23	
5	438.140	22.20	16.33	10.14	32.14	16.53	46.00	29.47	Hori.	211	225	LA23	
6	525.768	21.10	17.64	10.63	32.20	17.17	46.00	28.83	Hori.	100	256	LA23	
7	613.396	21.00	19.64	11.09	32.25	19.48	46.00	26.52	Hori.	100	213	LA23	
8	701.024	25.80	19.90	11.48	32.28	24.90	46.00	21.10	Hori.	100	342	LA23	
9	788.652	20.40	20.67	11.78	31.77	21.08	46.00	24.92	Hori.	100	231	LA23	
10	876.280	20.00	22.00	12.10	31.26	22.84	46.00	23.16	Hori.	200	13	LA23	
11	963.908	19.10	22.26	12.48	30.74	23.10	53.90	30.80	Hori.	200	34	LA23	
12	87.628	32.50	8.26	7.55	32.08	16.23	40.00	23.77	Vert.	100	54	BA	
13	175.256	43.80	15.87	8.34	32.02	35.99	43.50	7.51	Vert.	100	178	BA	
14	262.884	36.20	12.48	9.10	32.02	25.76	46.00	20.24	Vert.	100	189	LA23	
15	350.512	32.00	15.17	9.73	32.06	24.84	46.00	21.16	Vert.	130	65	LA23	
16	438.140	23.40	16.33	10.14	32.14	17.73	46.00	28.27	Vert.	131	177	LA23	
17	525.768	22.00	17.64	10.63	32.20	18.07	46.00	27.93	Vert.	100	210	LA23	
18	613.396	20.60	19.64	11.09	32.25	19.08	46.00	26.92	Vert.	100	123	LA23	
19	701.024	22.40	19.90	11.48	32.28	21.50	46.00	24.50	Vert.	198	23	LA23	
20	788.652	20.30	20.67	11.78	31.77	20.98	46.00	25.02	Vert.	100	32	LA23	
21	876.280	19.90	22.00	12.10	31.26	22.74	46.00	23.26	Vert.	100	12	LA23	
22	963.908	19.10	22.26	12.48	30.74	23.10	53.90	30.80	Vert.	100	12	LA23	

CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS(CABLE + ATT) - GAIN(AMP)
Except for the above table: adequate margin data below the limits.

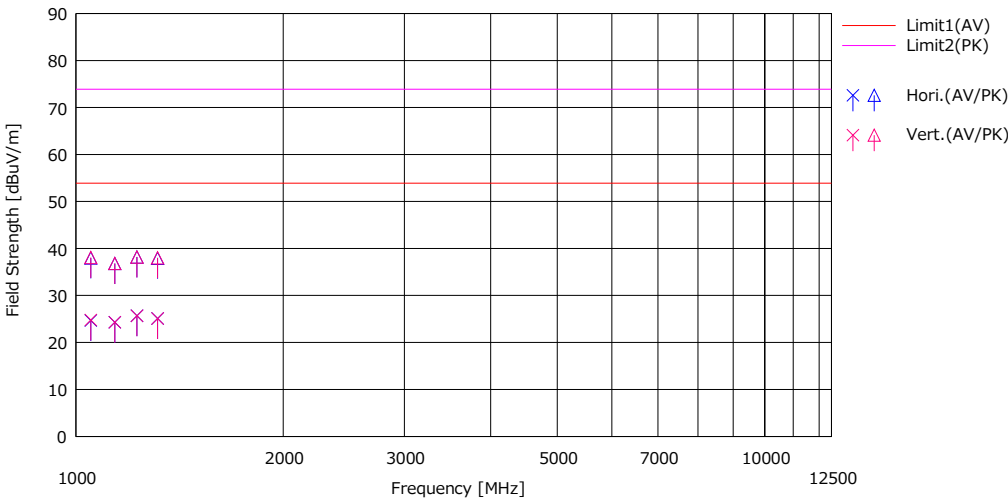
Radiated Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.4
March 17, 2025
19 deg. C / 39 % RH
Hiroyuki Furutaka
(Above 1 GHz)
Mode 1 Local (87.5 MHz)

Limit : FCC_Part 15 Subpart B(15.109)_Class B



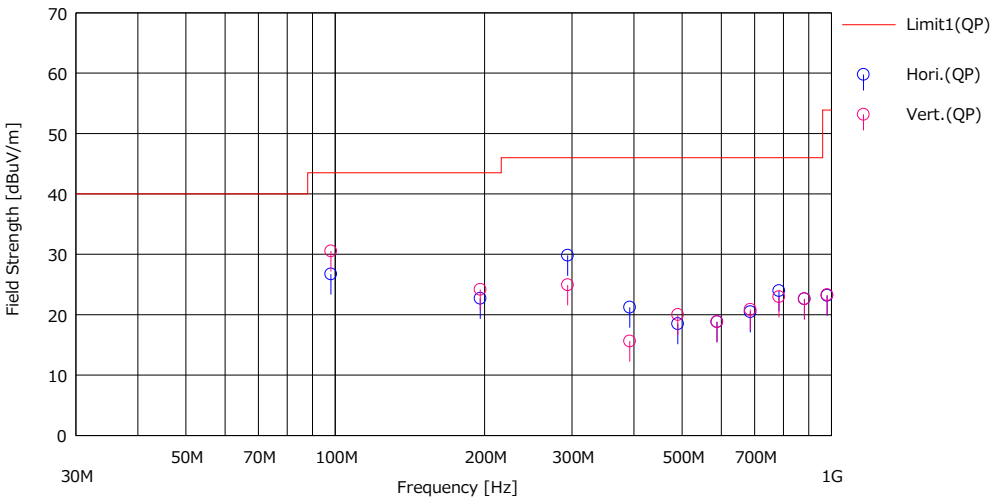
No.	Freq. [MHz]	Reading		Ant Fac [dB/m]	Loss [dB]	Gain [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		(AV) [dBuV]	(PK) [dBuV]				(AV) [dBuV/m]	(PK) [dBuV/m]	(AV) [dBuV/m]	(PK) [dBuV/m]	(AV) [dB]	(PK) [dB]					
1	1051.536	32.40	45.70	24.29	2.55	34.56	24.68	37.98	53.90	73.90	29.22	35.92	Hori.	100	0	H21	
2	1139.164	31.50	44.00	24.52	2.62	34.34	24.30	36.80	53.90	73.90	29.60	37.10	Hori.	100	0	H21	
3	1226.792	31.90	44.40	25.20	2.69	34.11	25.68	38.18	53.90	73.90	28.22	35.72	Hori.	100	0	H21	
4	1314.420	30.70	43.50	25.54	2.76	33.89	25.11	37.91	53.90	73.90	28.79	35.99	Hori.	100	0	H21	
5	1051.536	32.50	45.80	24.29	2.55	34.56	24.78	38.08	53.90	73.90	29.12	35.82	Vert.	100	0	H21	
6	1139.164	31.50	44.00	24.52	2.62	34.34	24.30	36.80	53.90	73.90	29.60	37.10	Vert.	100	0	H21	
7	1226.792	31.90	44.40	25.20	2.69	34.11	25.68	38.18	53.90	73.90	28.22	35.72	Vert.	100	0	H21	
8	1314.420	30.70	43.60	25.54	2.76	33.89	25.11	38.01	53.90	73.90	28.79	35.89	Vert.	100	0	H21	

CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS(CABLE + D-factor) - GAIN(AMP)
Except for the above table: adequate margin data below the limits.

Radiated Emission

Test place Ise EMC Lab.
Semi Anechoic Chamber No.4
Date March 17, 2025
Temperature / Humidity 19 deg. C / 39 % RH
Engineer Hiroyuki Furutaka
(Below 1 GHz)
Mode Mode 1 Local (97.9 MHz)

Limit : FCC_Part 15 Subpart B(15.109)_Class B



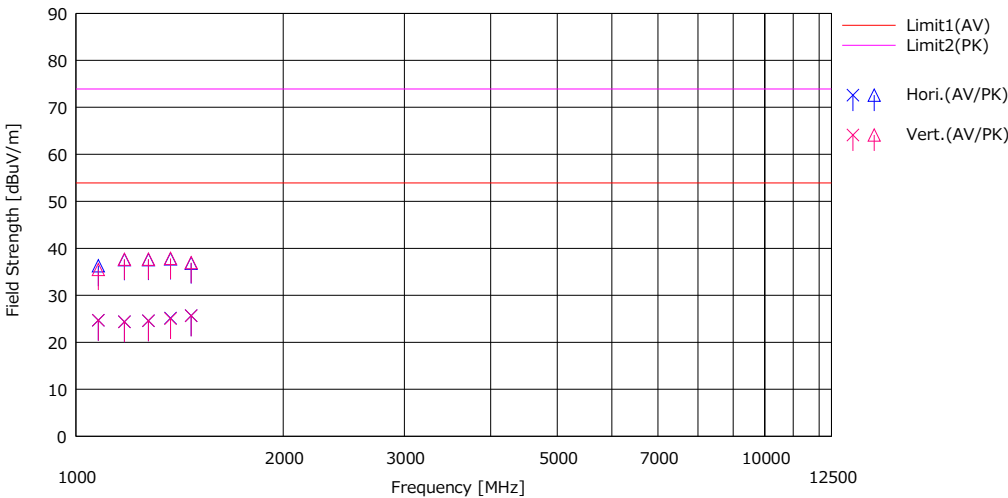
No.	Freq. [MHz]	Reading (QP)	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result (QP)	Limit (QP)	Margn (QP)	Pola	Height [cm]	Angle [deg]	Ant. Type	Comment
		[dBuV]				[dBuV/m]	[dBuV/m]	[dB]					
1	98.028	41.30	9.84	7.65	32.06	26.73	43.50	16.77	Hori.	287	32	BA	
2	196.056	29.60	16.59	8.51	32.01	22.69	43.50	20.81	Hori.	300	45	BA	
3	294.084	38.70	13.72	9.42	32.02	29.82	46.00	16.18	Hori.	100	28	LA23	
4	392.112	27.80	15.61	9.91	32.10	21.22	46.00	24.78	Hori.	100	12	LA23	
5	490.140	22.50	17.73	10.45	32.18	18.50	46.00	27.50	Hori.	132	156	LA23	
6	588.168	21.10	18.96	10.98	32.23	18.81	46.00	27.19	Hori.	158	145	LA23	
7	686.196	21.60	19.72	11.41	32.28	20.45	46.00	25.55	Hori.	100	101	LA23	
8	784.224	23.40	20.60	11.76	31.80	23.96	46.00	22.04	Hori.	100	321	LA23	
9	882.252	19.70	22.00	12.13	31.22	22.61	46.00	23.39	Hori.	200	10	LA23	
10	980.280	18.80	22.46	12.58	30.65	23.19	53.90	30.71	Hori.	100	234	LA23	
11	98.028	45.10	9.84	7.65	32.06	30.53	43.50	12.97	Vert.	100	145	BA	
12	196.056	31.10	16.59	8.51	32.01	24.19	43.50	19.31	Vert.	100	167	BA	
13	294.084	33.80	13.72	9.42	32.02	24.92	46.00	21.08	Vert.	157	15	LA23	
14	392.112	22.20	15.61	9.91	32.10	15.62	46.00	30.38	Vert.	276	198	LA23	
15	490.140	24.00	17.73	10.45	32.18	20.00	46.00	26.00	Vert.	100	245	LA23	
16	588.168	21.10	18.96	10.98	32.23	18.81	46.00	27.19	Vert.	100	15	LA23	
17	686.196	22.00	19.72	11.41	32.28	20.85	46.00	25.15	Vert.	200	145	LA23	
18	784.224	22.40	20.60	11.76	31.80	22.96	46.00	23.04	Vert.	200	134	LA23	
19	882.252	19.70	22.00	12.13	31.22	22.61	46.00	23.39	Vert.	200	342	LA23	
20	980.280	18.90	22.46	12.58	30.65	23.29	53.90	30.61	Vert.	100	123	LA23	

CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS(CABLE + ATT) - GAIN(AMP)
Except for the above table: adequate margin data below the limits.

Radiated Emission

Test place Ise EMC Lab.
Semi Anechoic Chamber No.4
Date March 17, 2025
Temperature / Humidity 19 deg. C / 39 % RH
Engineer Hiroyuki Furutaka
(Above 1 GHz)
Mode Mode 1 Local (97.9 MHz)

Limit : FCC_Part 15 Subpart B(15.109)_Class B



No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		(AV) [dBuV]	(PK) [dBuV]				(AV) [dBuV/m]	(PK) [dBuV/m]	(AV) [dBuV/m]	(PK) [dBuV/m]	(AV) [dB]	(PK) [dB]					
		[dBuV]	[dBuV]				[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]					
1	1078.308	32.20	43.80	24.41	2.57	34.49	24.69	36.29	53.90	73.90	29.21	37.61	Hori.	100	0	H21	
2	1176.336	31.10	44.30	24.85	2.65	34.24	24.36	37.56	53.90	73.90	29.54	36.34	Hori.	100	0	H21	
3	1274.364	30.50	43.50	25.34	2.73	33.99	24.58	37.58	53.90	73.90	29.32	36.32	Hori.	100	0	H21	
4	1372.392	30.60	43.20	25.47	2.81	33.74	25.14	37.74	53.90	73.90	28.76	36.16	Hori.	100	0	H21	
5	1470.420	31.00	42.20	25.24	2.89	33.49	25.64	36.84	53.90	73.90	28.26	37.06	Hori.	100	0	H21	
6	1078.308	32.20	43.00	24.41	2.57	34.49	24.69	35.49	53.90	73.90	29.21	38.41	Vert.	100	0	H21	
7	1176.336	31.10	44.40	24.85	2.65	34.24	24.36	37.66	53.90	73.90	29.54	36.24	Vert.	100	0	H21	
8	1274.364	30.50	43.60	25.34	2.73	33.99	24.58	37.68	53.90	73.90	29.32	36.22	Vert.	100	0	H21	
9	1372.392	30.50	43.30	25.47	2.81	33.74	25.04	37.84	53.90	73.90	28.86	36.06	Vert.	100	0	H21	
10	1470.420	31.00	42.30	25.24	2.89	33.49	25.64	36.94	53.90	73.90	28.26	36.96	Vert.	100	0	H21	

CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS(CABLE + D-factor) - GAIN(AMP)
Except for the above table: adequate margin data below the limits.

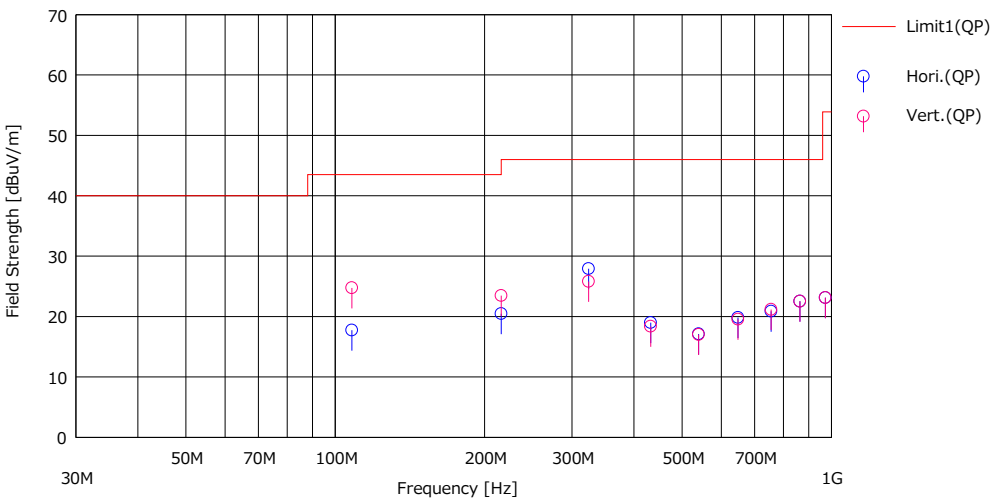
Radiated Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.4
March 17, 2025
19 deg. C / 39 % RH
Hiroyuki Furutaka
(Below 1 GHz)
Mode 1 Local (107.9 MHz)

Limit : FCC_Part 15 Subpart B(15.109)_Class B



No.	Freq. [MHz]	Reading (QP)	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result (QP)	Limit (QP)	Margin (QP)	Pola. (H/V)	Height [cm]	Angle [deg]	Ant. Type	Comment
		[dBuV]				[dBuV/m]	[dBuV/m]	[dB]					
1	108.028	30.80	11.26	7.74	32.06	17.74	43.50	25.76	Hori.	295	345	BA	
2	216.056	32.60	11.19	8.68	32.01	20.46	46.00	25.54	Hori.	100	64	LA23	
3	324.084	35.90	14.44	9.60	32.04	27.90	46.00	18.10	Hori.	100	223	LA23	
4	432.112	24.80	16.20	10.11	32.13	18.98	46.00	27.02	Hori.	200	42	LA23	
5	540.140	20.80	17.82	10.70	32.21	17.11	46.00	28.89	Hori.	200	342	LA23	
6	648.168	21.50	19.39	11.21	32.26	19.84	46.00	26.16	Hori.	119	231	LA23	
7	756.196	20.80	20.41	11.62	31.96	20.87	46.00	25.13	Hori.	200	23	LA23	
8	864.224	20.00	21.82	12.03	31.33	22.52	46.00	23.48	Hori.	100	12	LA23	
9	972.252	18.90	22.38	12.53	30.69	23.12	53.90	30.78	Hori.	200	145	LA23	
10	108.028	37.80	11.26	7.74	32.06	24.74	43.50	18.76	Vert.	100	156	BA	
11	216.056	35.60	11.19	8.68	32.01	23.46	46.00	22.54	Vert.	100	113	LA23	
12	324.084	33.80	14.44	9.60	32.04	25.80	46.00	20.20	Vert.	148	67	LA23	
13	432.112	24.20	16.20	10.11	32.13	18.38	46.00	27.62	Vert.	136	204	LA23	
14	540.140	20.70	17.82	10.70	32.21	17.01	46.00	28.99	Vert.	140	345	LA23	
15	648.168	21.20	19.39	11.21	32.26	19.54	46.00	26.46	Vert.	146	231	LA23	
16	756.196	21.10	20.41	11.62	31.96	21.17	46.00	24.83	Vert.	143	23	LA23	
17	864.224	20.00	21.82	12.03	31.33	22.52	46.00	23.48	Vert.	100	241	LA23	
18	972.252	18.90	22.38	12.53	30.69	23.12	53.90	30.78	Vert.	200	256	LA23	

CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS(CABLE + ATT) - GAIN(AMP)
Except for the above table: adequate margin data below the limits.

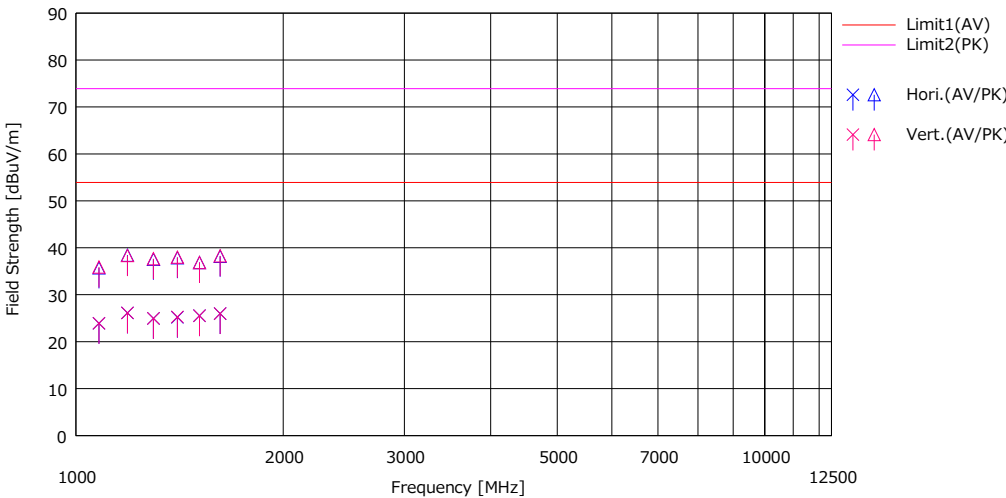
Radiated Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.4
March 17, 2025
19 deg. C / 39 % RH
Hiroyuki Furutaka
(Above 1 GHz)
Mode 1 Local (107.9 MHz)

Limit : FCC_Part 15 Subpart B(15.109)_Class B



No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		(AV) [dBuV]	(PK) [dBuV]				(AV) [dBuV/m]	(PK) [dBuV/m]	(AV) [dBuV/m]	(PK) [dBuV/m]	(AV) [dB]	(PK) [dB]					
1	1080.280	31.40	43.20	24.42	2.57	34.49	23.90	35.70	53.90	73.90	30.00	38.20	Hori.	100	0	H21	
2	1188.308	32.70	45.00	24.98	2.66	34.21	26.13	38.43	53.90	73.90	27.77	35.47	Hori.	100	0	H21	
3	1296.336	30.70	43.30	25.45	2.74	33.93	24.96	37.56	53.90	73.90	28.94	36.34	Hori.	100	0	H21	
4	1404.364	30.50	43.20	25.52	2.83	33.66	25.19	37.89	53.90	73.90	28.71	36.01	Hori.	100	0	H21	
5	1512.392	30.90	42.20	25.11	2.92	33.38	25.55	36.85	53.90	73.90	28.35	37.05	Hori.	100	0	H21	
6	1620.420	31.20	43.40	24.89	3.00	33.11	25.98	38.18	53.90	73.90	27.92	35.72	Hori.	100	0	H21	
7	1080.280	31.40	43.40	24.42	2.57	34.49	23.90	35.90	53.90	73.90	30.00	38.00	Vert.	100	0	H21	
8	1188.308	32.70	44.90	24.98	2.66	34.21	26.13	38.33	53.90	73.90	27.77	35.57	Vert.	100	0	H21	
9	1296.336	30.70	43.40	25.45	2.74	33.93	24.96	37.66	53.90	73.90	28.94	36.24	Vert.	100	0	H21	
10	1404.364	30.60	43.30	25.52	2.83	33.66	25.29	37.99	53.90	73.90	28.61	35.91	Vert.	100	0	H21	
11	1512.392	30.90	42.20	25.11	2.92	33.38	25.55	36.85	53.90	73.90	28.35	37.05	Vert.	100	0	H21	
12	1620.420	31.20	43.50	24.89	3.00	33.11	25.98	38.28	53.90	73.90	27.92	35.62	Vert.	100	0	H21	

CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS(CABLE + D-factor) - GAIN(AMP)
Except for the above table: adequate margin data below the limits.

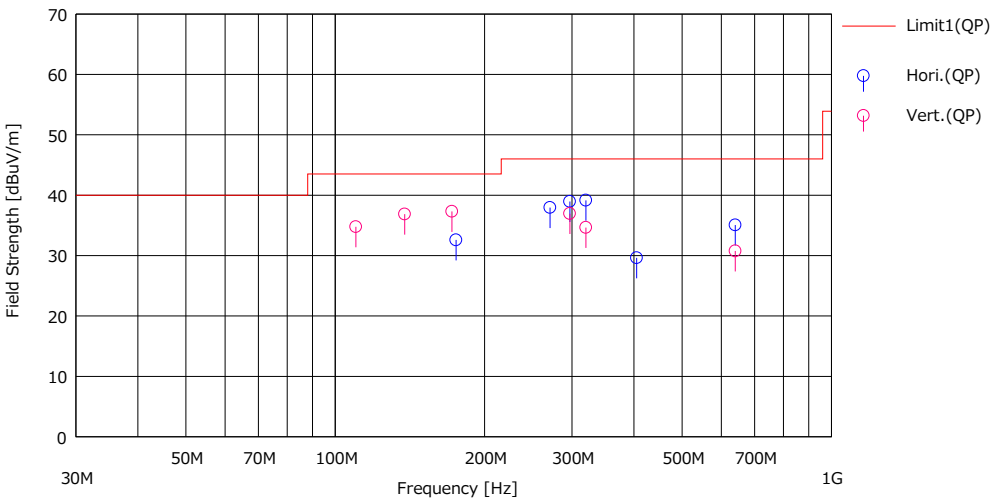
Radiated Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer

Mode

Ise EMC Lab.
No.4
March 17, 2025
19 deg. C / 39 % RH
Hiroyuki Furutaka
(Below 1 GHz)
Mode 1 Other

Limit : FCC_Part 15 Subpart B(15.109)_Class B



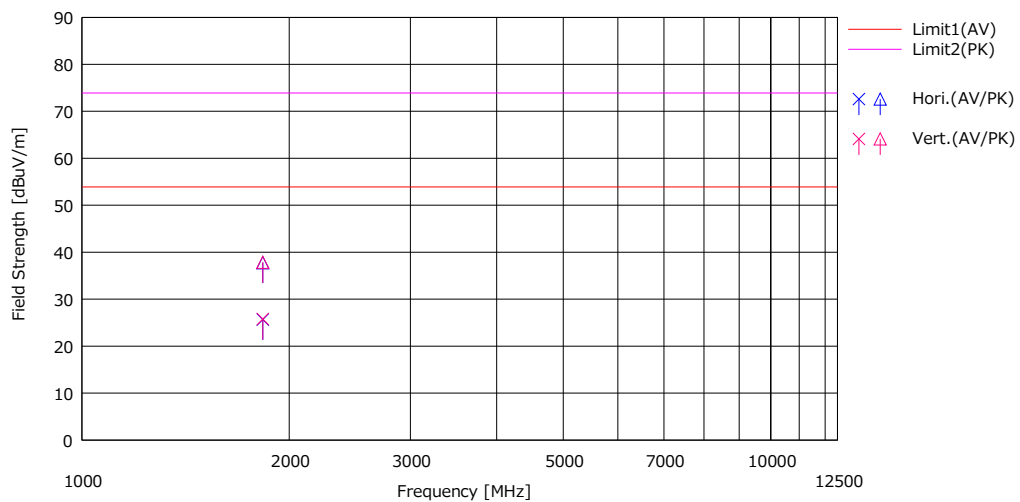
No.	Freq. [MHz]	Reading (QP)	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result (QP)	Limit (QP)	Margn (QP)	Pola [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		[dBuV]				[dBuV/m]	[dBuV/m]	[dB]					
1	175.100	40.40	15.86	8.34	32.02	32.58	43.50	10.92	Hori.	207	155	BA	
2	270.896	47.80	12.99	9.18	32.02	37.95	46.00	8.05	Hori.	135	30	LA23	
3	297.016	47.80	13.72	9.45	32.02	38.95	46.00	7.05	Hori.	301	275	LA23	
4	319.983	47.30	14.31	9.58	32.04	39.15	46.00	6.85	Hori.	110	219	LA23	
5	404.981	35.90	15.85	9.97	32.11	29.61	46.00	16.39	Hori.	100	198	LA23	
6	640.000	36.70	19.42	11.19	32.26	35.05	46.00	10.95	Hori.	230	28	LA23	
7	110.034	47.50	11.55	7.76	32.05	34.76	43.50	8.74	Vert.	100	268	BA	
8	137.980	46.50	14.38	8.03	32.04	36.87	43.50	6.63	Vert.	100	169	BA	
9	171.860	45.20	15.81	8.31	32.02	37.30	43.50	6.20	Vert.	100	184	BA	
10	297.011	45.80	13.72	9.45	32.02	36.95	46.00	9.05	Vert.	100	14	LA23	
11	320.015	42.80	14.31	9.58	32.04	34.65	46.00	11.35	Vert.	100	29	LA23	
12	640.000	32.40	19.42	11.19	32.26	30.75	46.00	15.25	Vert.	100	129	LA23	

CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS(CABLE + ATT) - GAIN(AMP)
Except for the above table: adequate margin data below the limits.

Radiated Emission

Test place	Ise EMC Lab.
Semi Anechoic Chamber	No.4
Date	March 17, 2025
Temperature / Humidity	19 deg. C / 39 % RH
Engineer	Hiroyuki Furutaka (Above 1 GHz)
Mode	Mode 1 Other

Limit : FCC_Part 15 Subpart B(15.109)_Class B



No.	Freq.	Reading		Ant.Fac	Loss	Gain	Result		Limit		Margin		Pola.	Height	Angle	Ant. Type	Comment
		(AV)	(PK)				(AV)	(PK)	(AV)	(PK)	(AV)	(PK)					
		[MHz]	[dBuV]				[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]					
1	1831.000	29.70	41.80	25.35	3.17	32.57	25.65	37.75	53.90	73.90	28.25	36.15	Horiz.	100	0	H21	
2	1831.000	29.80	41.90	25.35	3.17	32.57	25.75	37.85	53.90	73.90	28.15	36.05	Vert.	100	0	H21	

CHART: WITH FACTOR

ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN

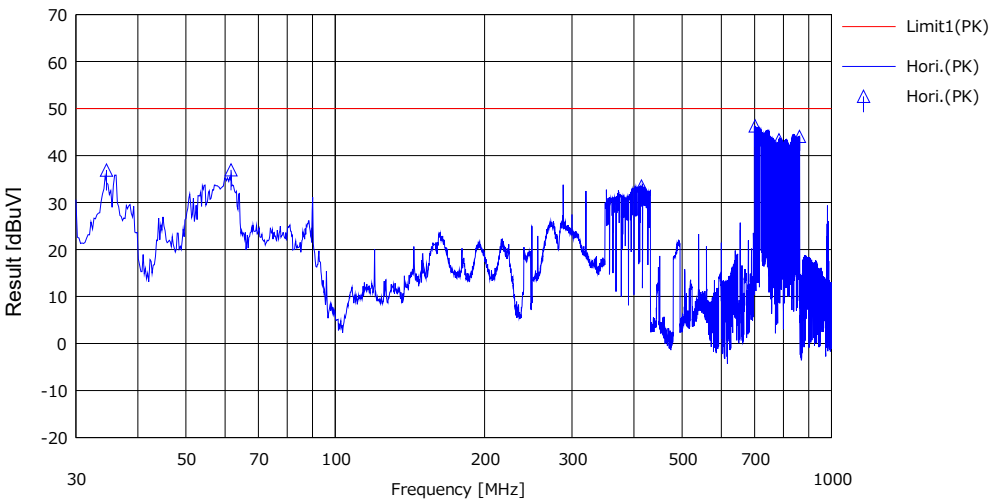
CALCULATION: RESULT = READING + ANT FACTOR + LOSS(CABLE + Filter + D-factor) - GAIN(AMP)

Except for the above table: adequate margin data below the limits.

Antenna Terminal Conducted Emission

Test place Ise EMC Lab.
Semi Anechoic Chamber No.4
Date March 30, 2025
Temperature / Humidity 20 deg. C / 35 % RH
Engineer Daiki Matsui
Mode Mode 2

Limit : FCC15.111 Antenna terminal measurement



No.	Freq. [MHz]	Reading	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result	Limit**)	Margin	Pola. [H/V/V]	Height [cm]	Angle [deg.]	Ant. Type	Comment
		(PK) [dBuV]				(PK) [dBuV]	(PK) [dBuV]	(PK) [dB]					
1	34.584	68.80	0.00	0.22	32.11	36.91	50.00	13.09	Hori.	0	0	---	
2	61.668	68.78	0.00	0.26	32.09	36.95	50.00	13.05	Hori.	0	0	---	
3	414.280	64.93	0.00	0.67	32.12	33.48	50.00	16.52	Hori.	0	0	---	Local 103.70MHz
4	701.710	77.71	0.00	0.88	32.28	46.31	50.00	3.69	Hori.	0	0	---	Local 87.5MHz
5	784.200	74.21	0.00	0.93	31.80	43.34	50.00	6.66	Hori.	0	0	---	Local 97.9MHz
6	862.134	74.43	0.00	0.97	31.34	44.06	50.00	5.94	Hori.	0	0	---	Local 107.9MHz

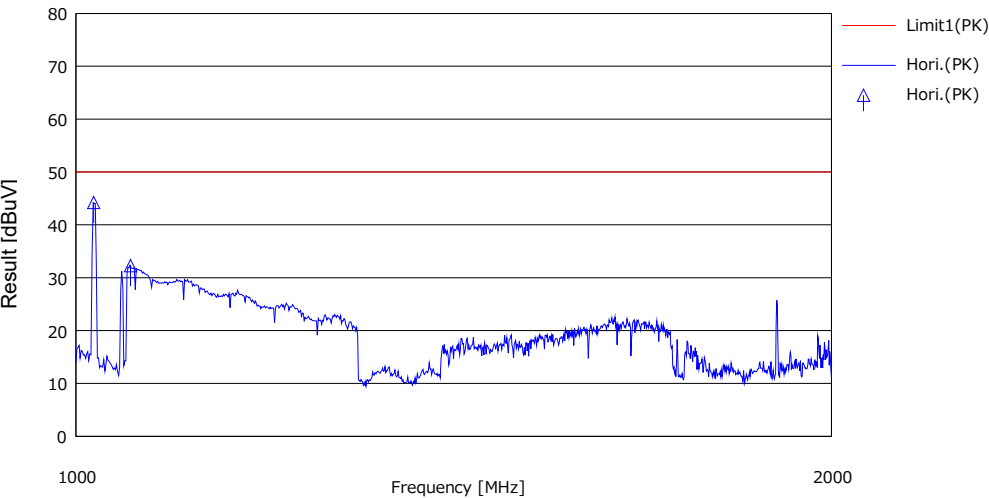
*1) 2 nW = -57 dBm = 50 dBuV
CHART: WITH FACTOR
CALCULATION: RESULT = READING + LOSS (CABLE + DC Block) – GAIN (AMP)
Except for the above table: adequate margin data below the limits.

Antenna Terminal Conducted Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.4
March 30, 2025
20 deg. C / 35 % RH
Daiki Matsui
Mode 2

Limit : FCC15.111 Antenna terminal measurement



No.	Freq. [MHz]	Reading (PK) [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result (PK) [dBuV]	Limit *1) (PK) [dBuV]	Margin (PK) [dB]	Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		[dBuV]				[dBuV]	[dBuV]	[dB]					
1	1016.510	77.81	0.00	1.06	34.65	44.22	50.00	5.78	Hori.	0	0	---	
2	1051.490	65.77	0.00	1.07	34.56	32.28	50.00	17.72	Hori.	0	0	---	Local 87.75MHz

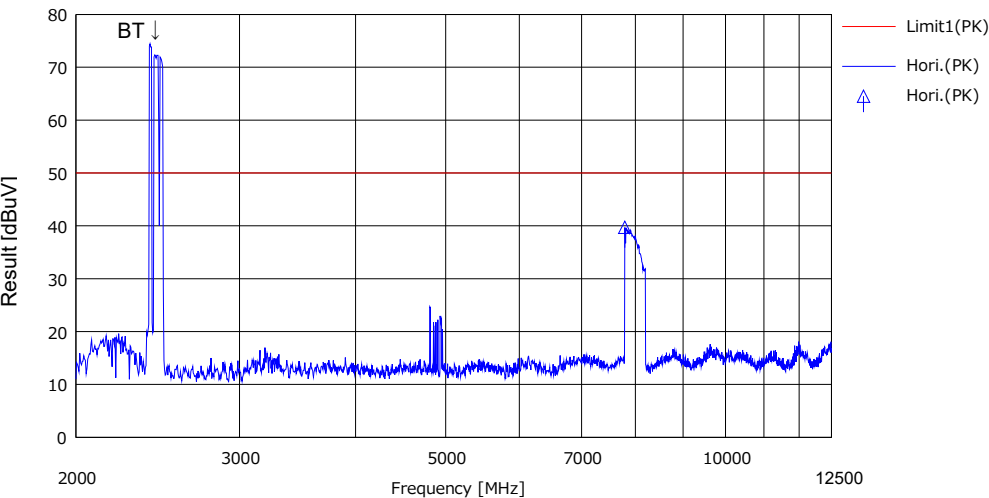
*1) 2 nW = -57 dBm = 50 dBuV
CHART: WITH FACTOR
CALCULATION: RESULT = READING + LOSS (CABLE + DC Block) – GAIN (AMP)
Except for the above table: adequate margin data below the limits.

Antenna Terminal Conducted Emission

Test place
Semi Anechoic Chamber
Date
Temperature / Humidity
Engineer
Mode

Ise EMC Lab.
No.4
March 30, 2025
20 deg. C / 35 % RH
Daiki Matsui
Mode 2

Limit : FCC15.111 Antenna terminal measurement



No.	Freq. [MHz]	Reading (PK)	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result (PK)	Limit *1)	Margh	Pda. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		[dBuV]				[dBuV]	(PK)	(PK)					
1	7791.390	68.97	0.00	3.17	32.42	39.72	50.00	10.28	Hori.	0	0	---	Local 10265MHz

*1) 2 nW = -57 dBm = 50 dBuV
CHART: WITH FACTOR
CALCULATION: RESULT = READING + LOSS (CABLE + DC Block) – GAIN (AMP)
Except for the above table: adequate margin data below the limits.

APPENDIX 2: Test instruments

Test equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	141267	Logperiodic Antenna (200-1000MHz)	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	9111B-192	09/18/2024	12
RE	141296	High Pass Filter 3.5-18.0GHz	UL-ISE	HPF SELECTOR	002	09/11/2024	12
RE	141397	Coaxial Cable	UL-ISE EMC	-	-	11/29/2024	12
RE	141427	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHA9103B+ BBA9106	08031	07/30/2024	12
RE	141508	Horn Antenna 1-18GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9120D	557	05/17/2024	12
RE	141545	DIGITAL HiTESTER	HIOKI E. E. CORPORATION	3805	51201148	02/25/2025	12
RE	141581	Microwave System Amplifier	Keysight Technologies Inc	83017A	00650	10/30/2024	12
RE	141583	Pre Amplifier	SONOMA INSTRUMENT	310	260833	04/04/2024	12
RE	141894	Signal Generator	Rohde & Schwarz	SMC100A	103408	10/28/2024	12
RE	141899	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY46180655	05/09/2024	12
RE	141951	EMI Test Receiver	Rohde & Schwarz	ESR26	101408	05/17/2024	12
RE	142011	AC4_Semi Anechoic Chamber (NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	12/13/2023	24
RE	142017	AC4_Semi Anechoic Chamber (SVSWR)	TDK	Semi Anechoic Chamber 3m	DA-10005	04/14/2023	24
RE	142230	Measure, Tape, Steel	KOMELON	KMC-36	-	-	-
RE	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	220646	Attenuator	Huber+Suhner	6806 N-50-1	-	03/06/2025	12
RE	244710	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202104	01/19/2025	12
RE	245787	Double Ridge Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	689	03/06/2024	12
RE	246001	Microwave Cable	Huber+Suhner	SF103/11PC35/ 11PC35/1000mm / SF126E/5000mm	800673(1m) / 610204(5m)	03/06/2024	12
AT	141279	Microwave Cable	Junkosha	MMX221- 00500DMSDMS	1502S303	03/03/2025	12
AT	141410	Microwave cable	Huber+Suhner	SUCOFLEX 102	37953/2	09/18/2024	12
AT	141545	DIGITAL HiTESTER	HIOKI E. E. CORPORATION	3805	51201148	02/25/2025	12
AT	141581	Microwave System Amplifier	Keysight Technologies Inc	83017A	00650	10/30/2024	12
AT	141583	Pre Amplifier	SONOMA INSTRUMENT	310	260833	04/04/2024	12
AT	141885	Spectrum Analyzer	Keysight Technologies Inc	E4448A	US44300523	01/24/2025	12
AT	142230	Measure, Tape, Steel	KOMELON	KMC-36	-	-	-
AT	156190	DC Block	EMC Instruments Corporation	N9398C	MY46457635	07/04/2024	12
AT	244710	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202104	01/19/2025	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:

RE: Radiated emission

AT: Antenna Terminal Conducted