RADIO TEST REPORT

Test Report No. 16202807H-B-R1

Customer	**NIDEC MOBILITY CORPORATION**
Description of EUT	**Body Control Module for Keyless Start System**
Model Number of EUT	**K59S0**
Test standard	**ETSI EN 300 330 V2.1.1**
Test Result	**Complied**
Issue Date	**April 16, 2026**
Remarks	**-**

Representative Test Engineer	Approved By
	
Tetsuro Yoshida Engineer	Akihiko Maeda Leader

CERTIFICATE 5107.02

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☒ There is no testing item of "Non-accreditation".

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REVISION HISTORY

Revision	Test Report No.	Date	Page Revised Contents
- (Original)	16202807H-B	March 12, 2026	-
1	16202807H-B-R1	April 16, 2026	Correction of Section 2.2, “Frequency of Operation”, from “kHz” to “MHz”.

Reference: Abbreviations (Including words undescribed in this report)

A2LA	The American Association for Laboratory Accreditation	ICES	Interference-Causing Equipment Standard
AC	Alternating Current	IEC	International Electrotechnical Commission
AFH	Adaptive Frequency Hopping	IEEE	Institute of Electrical and Electronics Engineers
AM	Amplitude Modulation	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	ISO	International Organization for Standardization
AP	Access Point	JAB	Japan Accreditation Board
ASK	Amplitude Shift Keying	LAN	Local Area Network
Atten., ATT	Attenuator	LIMS	Laboratory Information Management System
AV	Average	MCS	Modulation and Coding Scheme
BPSK	Binary Phase-Shift Keying	MRA	Mutual Recognition Arrangement
BR	Bluetooth Basic Rate	N/A	Not Applicable
BT	Bluetooth	NIST	National Institute of Standards and Technology
BT LE	Bluetooth Low Energy	NS	No signal detect.
BW	BandWidth	NSA	Normalized Site Attenuation
Cal Int	Calibration Interval	NVLAP	National Voluntary Laboratory Accreditation Program
CCK	Complementary Code Keying	OBW	Occupied Band Width
Ch., CH	Channel	OFDM	Orthogonal Frequency Division Multiplexing
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	PRBS	Pseudo-Random Bit Sequence
DSSS	Direct Sequence Spread Spectrum	PSD	Power Spectral Density
EDR	Enhanced Data Rate	QAM	Quadrature Amplitude Modulation
EIRP, e.i.r.p.	Equivalent Isotropically Radiated Power	QP	Quasi-Peak
EMC	ElectroMagnetic Compatibility	QPSK	Quadri-Phase Shift Keying
EMI	ElectroMagnetic Interference	RBW	Resolution Band Width
EN	European Norm	RDS	Radio Data System
ERP, e.r.p.	Effective Radiated Power	RE	Radio Equipment
EU	European Union	RF	Radio Frequency
EUT	Equipment Under Test	RMS	Root Mean Square
Fac.	Factor	RSS	Radio Standards Specifications
FCC	Federal Communications Commission	Rx	Receiving
FHSS	Frequency Hopping Spread Spectrum	SA, S/A	Spectrum Analyzer
FM	Frequency Modulation	SG	Signal Generator
Freq.	Frequency	SVSWR	Site-Voltage Standing Wave Ratio
FSK	Frequency Shift Keying	TR	Test Receiver
GFSK	Gaussian Frequency-Shift Keying	Tx	Transmitting
GNSS	Global Navigation Satellite System	VBW	Video BandWidth
GPS	Global Positioning System	Vert.	Vertical
Hori.	Horizontal	WLAN	Wireless LAN

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SECTION 1: Customer Information

Company Name	NIDEC MOBILITY CORPORATION
Address	6368, Nenjozaka, Okusa, Komaki, Aichi, 485-0802, Japan
Telephone Number	+81-568-78-6159
Contact Person	Takashi Betsui

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	Body Control Module for Keyless Start System
Model Number	K59S0
Serial Number	Refer to SECTION 4.2
Condition	Production prototype (Not for Sale: This sample is equivalent to mass-produced items.)
Modification	No Modification by the test lab
Receipt Date	February 2, 2026
Test Date	February 4 to March 4, 2026

2.2 Product Description

General Specification

Rating	DC 12.0 V (typ.), DC 8.0 V to 16 V
Operating temperature	Except Antennas: -40 deg. C to 85 deg. C Antennas: -40 deg. C to 90 deg. C

Radio Specification

[Transmitter]

Radio Type	Transmitter
Frequency of Operation	125 kHz
Modulation	ASK

[Receiver]

Radio Type	Receiver
Frequency of Operation	433.92 MHz (Band I)
Local oscillator frequency (f_{LO})	24.305 MHz
Intermediate frequency (f_{IF})	251 kHz
Operating Channel Width (OCW)	110 kHz

SECTION 3: Test specification, procedures & results

3.1 Test Specification

Radio	ETSI EN 300 330 V2.1.1
Title	Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

3.2 Procedures and results

[Transmitter]
Product Class

	Product Class	Description of transmitter	Antenna to be tested	Frequency range	Loop Antenna area	Length of antenna	Customization of antenna design allowed	Transmitter output and Spurious emission limits
☒	1	Inductive loop coil transmitter	Integral antenna or dedicated antenna supplied with the equipment	9 kHz to 30 MHz	<30 m^2	<lambda/4(75 m/f (where f is in MHz)) or <30 m, whichever is shorter	No	H-field at 10 m Clause 4.3.4.3, 4.3.8.3 and 4.3.9.3 respectively

Item	Test Procedure	Limit	Results	Remarks
Transmitter H-field	Clause 6.2.4	Clause 4.3.4.3 *1)	Complied	Radiated
Permitted range of operating frequencies, Operating Frequency Ranges	Clause 6.2.2	Clause 4.3.1.3, 4.3.2.3	Complied	Radiated
Modulation Bandwidth	Clause 6.2.3	Clause 4.3.3.3	Complied	Radiated
Transmitter Radiated Spurious Domain Emission limits < 30 MHz	Clause 6.2.8	Clause 4.3.8.3	Complied	Radiated
Transmitter Radiated Spurious Domain Emission limits > 30 MHz	Clause 6.2.9	Clause 4.3.9.3	Complied	Radiated
Transmitter Frequency Stability Under Low Voltage Conditions	Clause 6.2.10	Clause 4.3.10.3	N/A	N/A *2)

* Note: UL Japan, Inc.'s EMI Work Procedure: Work Instructions-ULID-003591.

*1) Also refer to the latest Official Journal.
*2) The test is not applicable since the EUT is not channelized systems where channel limits are defined.

3.3 Addition to standard

No addition, exclusion nor deviation has been made from the standard.

3.4 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	Unit	Required Uncertainty (+/-)	Calculated Uncertainty (+/-)
RF frequency	-	1.E-07	N/A
RF power, conducted	dB	1	N/A
RF power, radiated (> 30 MHz)	dB	6	5.89
RF power, radiated (9 kHz to 30 MHz)	dB	6	4.80
Occupied Channel Bandwidth	%	Not Defined	0.96
Temperature	deg C	1	0.69
Humidity	%	5	2.98

3.5 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

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 (SAC1)	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 (SAC2)	7.5 x 5.8 x 5.2	4.0 x 4.0	-	3 m
No.3 semi-anechoic chamber (SAC3)	12.0 x 8.5 x 5.9	6.8 x 5.75	No.3 Preparation room (PR3)	3 m
No.3 shielded room (SR3)	4.0 x 6.0 x 2.7	N/A	-	-
No.4 semi-anechoic chamber (SAC4)	12.0 x 8.5 x 5.9	6.8 x 5.75	No.4 Preparation room (PR4)	3 m
No.4 shielded room (SR4)	4.0 x 6.0 x 2.7	N/A	-	-
No.5 semi-anechoic chamber (SAC5)	6.0 x 6.0 x 3.9	6.0 x 6.0	-	-
No.5 measurement room (MR5)	6.4 x 6.4 x 3.0	6.4 x 6.4	-	-
No.6 shielded room (SR6)	4.0 x 4.5 x 2.7	4.0 x 4.5	-	-
No.6 measurement room (MR6)	4.75 x 5.4 x 3.0	4.75 x 4.15	-	-
No.7 shielded room (SR7)	4.7 x 7.5 x 2.7	4.7 x 7.5	-	-
No.8 measurement room (MR8)	3.1 x 5.0 x 2.7	3.1 x 5.0	-	-
No.9 measurement room (MR9)	8.8 x 4.6 x 2.8	2.4 x 2.4	-	-
No.10 shielded room (SR10)	3.8 x 2.8 x 2.8	3.8 x 2.8	-	-
No.11 measurement room (MR11)	4.0 x 3.4 x 2.5	N/A	-	-
No.12 measurement room (MR12)	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	-	-

3.6 Test data, Test instruments, and Test set up

Refer to APPENDIX.

SECTION 4: Operation of EUT during testing

4.1 Operating Mode(s)

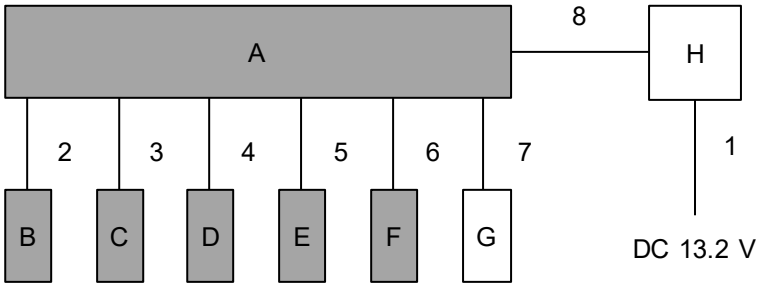
Mode	Remarks
1) Continuous Transmitting mode (AND)	125 kHz Modulated on (Mod on)
2) Continuous Transmitting mode (ANA)	125 kHz Modulated on (Mod on)
3) Continuous Transmitting mode (ANI)	125 kHz Modulated on (Mod on)
4) Continuous Transmitting mode (ANL)	125 kHz Modulated on (Mod on)
5) Continuous Transmitting mode (ANB)	125 kHz Modulated on (Mod on)
6) Standby mode	125 kHz Modulated on (Mod on)
* EUT has the power settings by the software as follows; Software: Version: 0x5101002F-02	
*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.	
Justification: The system was configured in a typical fashion (as a user would normally use it) for testing.	

Test Item	Operating mode
Transmitter H-field & Modulation Bandwidth (Spectrum Mask)	1) to 5)
Operating Frequency Ranges	
Modulation Bandwidth	
Transmitter Radiated Spurious Domain Emission Limits < 30 MHz	1) to 6)
Transmitter Radiated Spurious Domain Emission Limits > 30 MHz	

Extreme test condition *1)	
Temperature	-40 deg. C to + 85 deg. C
Voltage	Vnom: DC 13.2 V, Vmin: DC 8 V, Vmax: DC 16 V: operating voltage range of EUT

*1) Extreme Condition was declared by the manufacturer

4.2 Configuration and peripherals



* Cabling and setup(s) were taken into consideration and test data was taken under worse case conditions.

Description of EUT and Support Equipment

No.	Item	Model Number	Serial Number	Manufacturer	Remarks
A	BCM	K59S0	No.101	NIDEC MOBILITY CORPORATION	EUT
B	LF Antenna (ANA)	CGF-S003-D32 (Type Y2-3)	2023/12 No.3	NIDEC MOBILITY CORPORATION	EUT
C	LF Antenna (ANB)	CGF-S002-J2E (Type E-2)	Type E-2 No.02	NIDEC MOBILITY CORPORATION	EUT
D	LF Antenna (AND)	CGF-S002-J0B (Type B)	Type B No.02	NIDEC MOBILITY CORPORATION	EUT
E	LF Antenna (ANL)	CGF-S003-D03 (Type Y3)	2023/12 No.2	NIDEC MOBILITY CORPORATION	EUT
F	LF Antenna (ANI)	CGF-S002-D03 (Type 3)	Type 3 No.02	NIDEC MOBILITY CORPORATION	EUT
G	PUSH START SWITCH	P55R0	5th PSW No.06	NIDEC MOBILITY CORPORATION	-
H	Jig Borad	-	SIM No.02	NIDEC MOBILITY CORPORATION	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	3.0	Unshielded	Unshielded	-
2	Antenna Cable	3.0	Unshielded	Unshielded	ANA Port
3	Antenna Cable	3.0	Unshielded	Unshielded	ANB Port
4	Antenna Cable	3.0	Unshielded	Unshielded	AND Port
5	Antenna Cable	3.0	Unshielded	Unshielded	ANL Port
6	Antenna Cable	3.0	Unshielded	Unshielded	ANI Port
7	Antenna Cable	3.0	Unshielded	Unshielded	-
8	Signal Cable	3.0	Unshielded	Unshielded	-

SECTION 5: Transmitter H-field, Modulation Bandwidth (Spectrum Mask) and Transmitter Radiated Spurious Domain Emission Limits

Test procedure 9 kHz to 30 MHz

The test was made in a semi anechoic chamber because the result of the competitive test was no remarkable difference in an Anechoic chamber and an open area.

[Transmitting mode]
The H-field produced by the equipment is measured at standard distance of 10 m.

i)Transmitter H-field
Limit (Operating): 66 dBuA/m - (log(f) - log(119)) / log(2) x 3 f[kHz]

If Loop Coil Antenna area is below 0.05 m^2, 10 dB is subtracted from the limit (Operating) calculation result.

ii)Transmitter radiated spurious domain emission limits
Limit Calculation Method in dBuA/m at 10 m
Frequency 9 kHz $\leq$ f < 10 MHz
Limit (Operating): 27 dBuA/m - (log(f) - log(9)) / log(2) x 3 f[kHz]

Frequency 10 MHz $\leq$ f < 30 MHz
Limit (Operating): -3.5 dBuA/m

The frequency range is based on Commission Decision directive 2014/53/EU. Frequency band except for 119 kHz to 135 kHz is applied to Clause 4.3.8.3.

[Standby mode]
The H-field produced by the equipment is measured at standard distance of 10 m, but the noise of EUT was too low to be measured at the distance 10 m.
Therefore the test was performed at the distance of 3 m.

*Test distance 3.0 m limits: ETSI EN 300 330 V2.1.1 Annex H (normative)

The H-field limit in dBuA/m at 3 m, H_{3m}, is determined by the following equation:

$$H_{3m} = H_{10m} + C_3$$

where:
H_{10m} is the H-field limit in dBuA/m at 10 m distance according to the present document; and
C3 is a conversion factor in dB determined from figure 1.

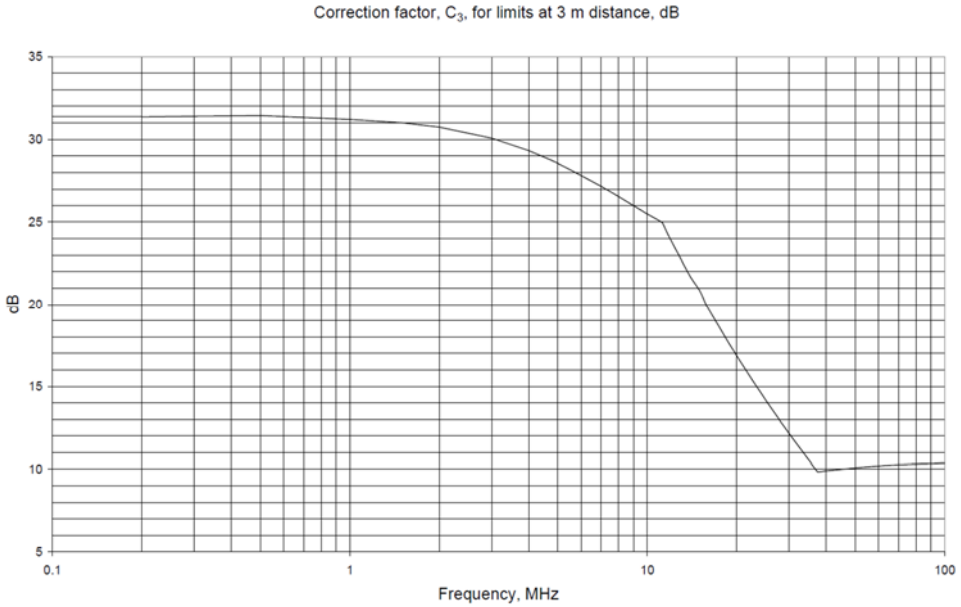


Figure1 Conversion factor C_3 versus frequency

Limit Calculation Method in dBuA/m at 3 m

Transmitter radiated spurious domain emission limits:
Frequency 9 kHz ≤ f < 10 MHz
Limit (Standby): 5.5 dBuA/m - (log(f) - log(9)) / log(2) x 3 + C3 f[kHz]

Frequency 10 MHz ≤ f < 30 MHz
Limit (Standby): -25 dBuA/m + C3

A calibrated loop antenna is used to detect the field strength from the test sample. The antenna is supported in the vertical plane and is rotated about a vertical axis. The lowest point of the loop is 1 m above ground level.

The H-field is measured with a shielded loop antenna connected to a measurement receiver. The measuring bandwidth and detector type of the measurement receiver is below the table.

1) Maximum noise level was detected by rotating EUT 360 deg. at each Loop antenna angle: 0 deg., 45 deg., 90 deg., 135 deg. and horizontal. (For horizontal, the data was final.)
2) Rotate EUT at 2 patterns of antenna angle; angle which had the maximum noise level at procedure 1 and the worst angle + 180 deg., and compare the noise level.
3) Rotate the EUT at the worst angle of the procedure 2) +/- 15 deg with the antenna set at the worst angle of the procedure 2) (except for horizontal).
4) Point data was obtained with the EUT and the antenna set at the worst angle of the procedure 3), which was the final test result.

*Refer to Figure 2 about Direction of the Loop Antenna.

Test Procedure 30 MHz to 1 GHz

1) 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. Test was made with the antenna positioned in both the horizontal and vertical planes of polarization.
   The Radiated Electric Field Strength has been measured in semi anechoic chamber at a distance of 3 m.
   The measuring antenna height was varied between 1 m to 4 m and the turn table 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.

2) Exchanged the EUT to the Substitution Antenna, the measurement was set for the same height 1.5 m as the EUT. The Substitution Antenna was used the Half wave dipole Antenna, which was tuned the measured frequency in 1).
   The Substitution Antenna was connected to the Signal Generator, and the polarized electromagnetic radiation of the Substitution Antenna was matched with the one of the measuring Antenna, which was set with the Signal Generator to the measured frequency in 1). Then, we set with the Output power (CW) of the Signal Generator where the measuring electromagnetic field strength is equal to the measured value in 1) by means of varying the measuring antenna height between 1 m to 4 m to obtain maximum receiving level.
   Its Output power of Signal Generator was recorded.

3) Effective radiated power was calculated by subtracting the cable loss and the attenuator loss connected between the Signal Generator and the Substitution Antenna from the Output power of the Signal Generator recorded in 2).
   For the usage of the Antenna except for the Half wave dipole Antenna for the Substitution Antenna, the Effective radiated power was calculated by compensating the finite difference in the Antenna gain of the Half wave dipole Antenna, and Substitution Antenna.

Bandwidth and detector type

Instrument used	Test Receiver	
Frequency: (f)	Detector type:	Bandwidth:
9 kHz ≤ f < 150 kHz	QP	200 Hz
150 kHz ≤ f < 30 MHz	QP	9 kHz
30 MHz ≤ f < 1 GHz	QP	120 kHz

For the measurement of the frequency ranges 6,765 MHz ≤ f ≤ 6,795 MHz and 11,810 MHz ≤ f ≤ 15,310 MHz, the measurement bandwidth is specified as 200 Hz. However, during the actual test procedure, the test receiver bandwidth was configured to be a more stringent setting of 9 kHz.

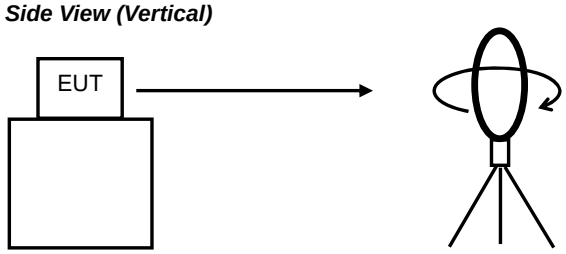
- The carrier level and noise levels were confirmed at each position of X, Y and Z axes of EUT to see the position of maximum noise, and the test was made at the position that has the maximum noise.

The test results and limit are rounded off to two decimals place, so some differences might be observed.

Test data : APPENDIX
Test result : Pass

Figure 2: Direction of the Loop Antenna

Side View (Vertical)



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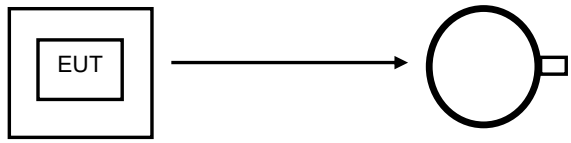
Top View (Horizontal)



Antenna was not rotated.

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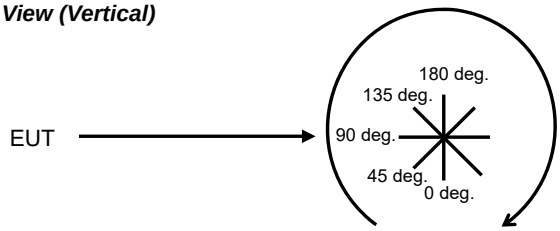
Top View (Vertical)



Front side: 0 deg.
Forward direction: clockwise

SECTION 6: Operating Frequency Ranges and Modulation Bandwidth

Test Procedure

[Operating frequency ranges]

99 % Occupied Bandwidth was measured with a spectrum analyzer and determined the operating frequency range.
The measurement was performed under both normal and extreme test conditions.

Detector mode: Peak
* Peak hold was applied as Worst-case measurement.

Test data : APPENDIX
Test result : Pass

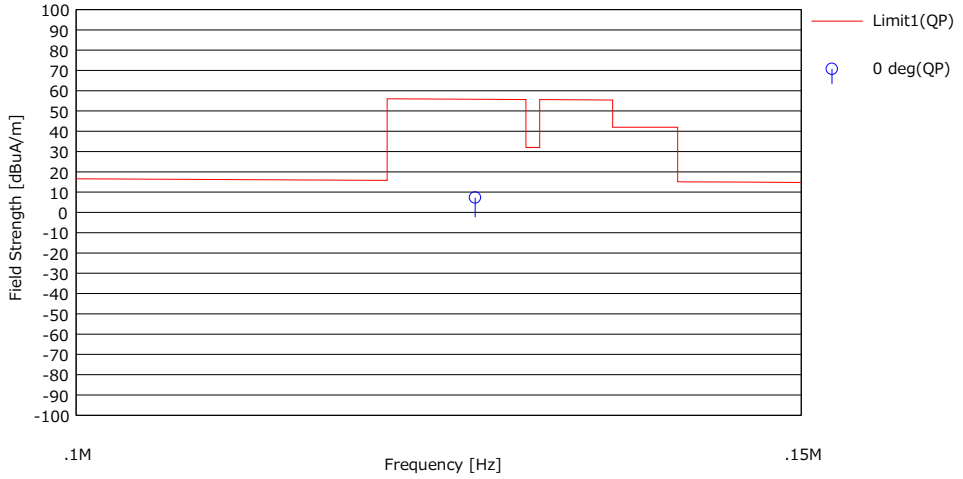
APPENDIX 1: Test data

Transmitter H-field
Normal Condition

Mode	1

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating(119-140kHz)-10dB, 10m, below 30MHz:QP



No.	Freq. [MHz]	Reading 〈QP〉 [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result 〈QP〉 [dBuA/m]	Limit 〈QP〉 [dBuA/m]	Margin 〈QP〉 [dB]	Antenna	Table [deg.]	Comment
1	0.12500	65.80	19.20	-45.50	32.19	7.31	55.75	48.44	0 deg	178	

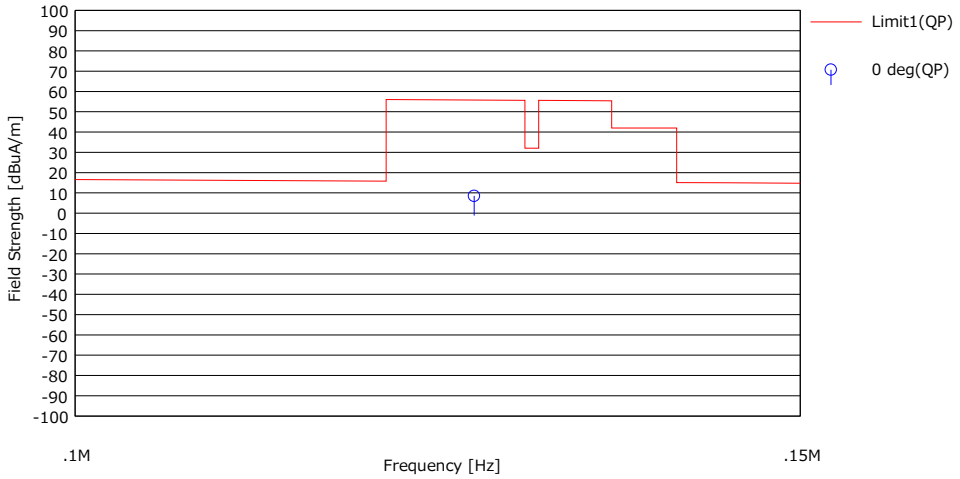
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Transmitter H-field
Normal Condition

Mode	2

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating(119-140kHz)-10dB, 10m, below 30MHz:QP



No.	Freq. [MHz]	Reading 〈QP〉 [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result 〈QP〉 [dBuA/m]	Limit 〈QP〉 [dBuA/m]	Margin 〈QP〉 [dB]	Antenna	Table [deg]	Comment
1	0.12500	67.00	19.20	-45.50	32.19	8.51	55.75	47.24	0 deg	178	

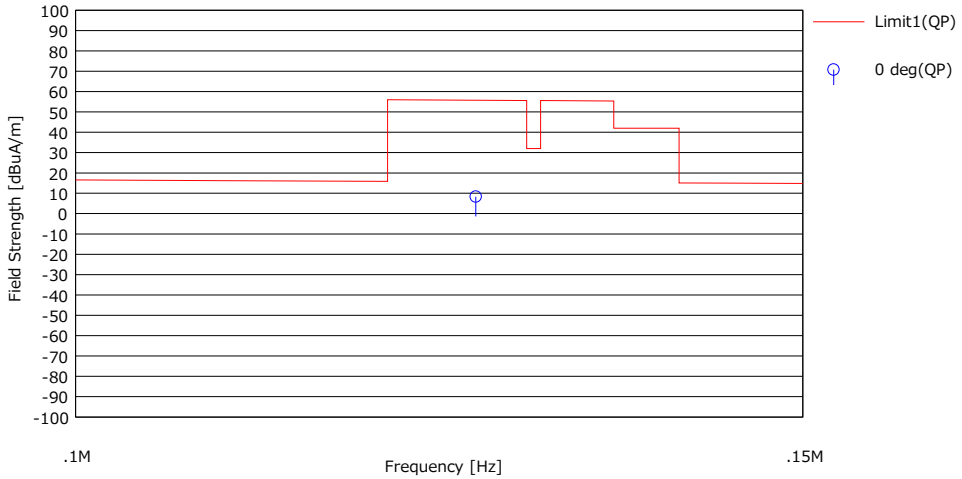
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Transmitter H-field
Normal Condition

Mode	3

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating(119-140kHz)-10dB, 10m, below 30MHz:QP



No.	Freq. [MHz]	Reading 〈QP〉 [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result 〈QP〉 [dBuA/m]	Limit 〈QP〉 [dBuA/m]	Margin 〈QP〉 [dB]	Antenna	Table [deg]	Comment
1	0.12500	66.80	19.20	-45.50	32.19	8.31	55.75	47.44	0 deg	172	

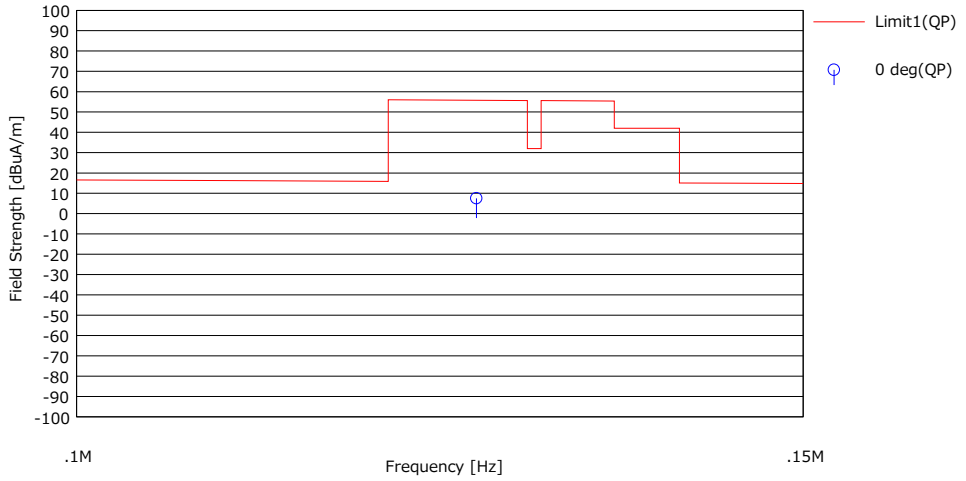
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Transmitter H-field
Normal Condition

Mode	4

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating(119-140kHz)-10dB, 10m, below 30MHz:QP



No.	Freq. [MHz]	Reading ⟨QP⟩ [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result ⟨QP⟩ [dBuA/m]	Limit ⟨QP⟩ [dBuA/m]	Margin ⟨QP⟩ [dB]	Antenna	Table [deg]	Comment
1	0.12500	66.00	19.20	-45.50	32.19	7.51	55.75	48.24	0 deg	178	

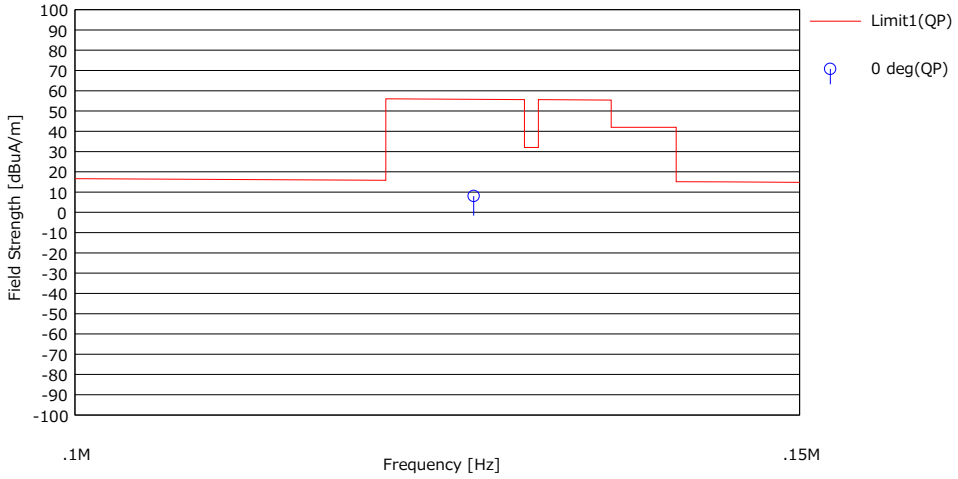
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Transmitter H-field
Normal Condition

Mode	5

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating(119-140kHz)-10dB, 10m, below 30MHz:QP



No.	Freq. [MHz]	Reading (QP) [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result (QP) [dBuA/m]	Limit (QP) [dBuA/m]	Margin (QP) [dB]	Antenna	Table [deg]	Comment
1	0.12500	66.50	19.20	-45.50	32.19	8.01	55.75	47.74	0 deg	184	

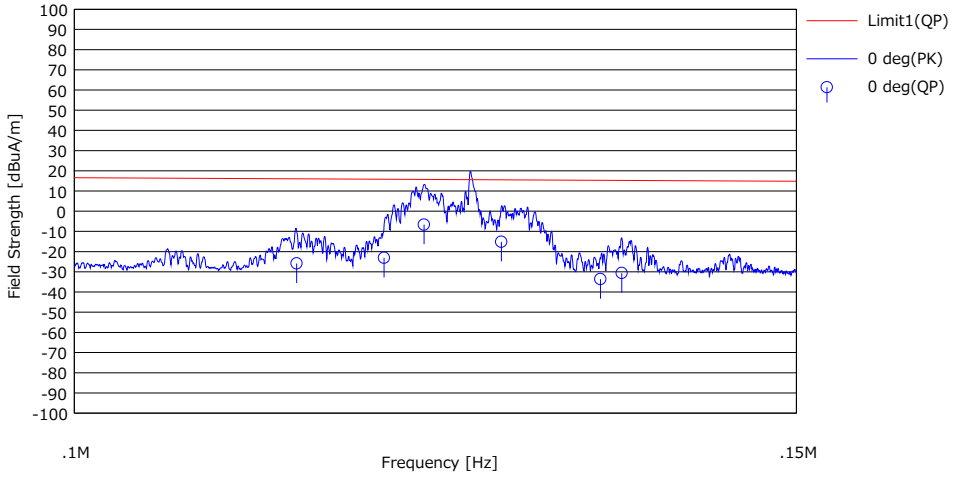
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Modulation Bandwidth (Spectrum Mask)
Normal Condition

Mode	1

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating 10m, Spurious below 30MHz:QP



No.	Freq. [MHz]	Reading (QP) [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result (QP) [dBuA/m]	Limit (QP) [dBuA/m]	Margin (QP) [dB]	Antenna	Table [deg]	Comment
1	0.11330	32.60	19.19	-45.50	32.19	-25.90	16.04	41.94	0 deg	178	
2	0.11900	35.40	19.19	-45.50	32.19	-23.10	15.83	38.93	0 deg	178	
3	0.12170	51.80	19.20	-45.50	32.19	-6.69	15.73	22.42	0 deg	178	
4	0.12710	43.30	19.20	-45.50	32.19	-15.19	15.54	30.73	0 deg	178	
5	0.13438	24.80	19.21	-45.50	32.19	-33.68	15.30	48.98	0 deg	178	
6	0.13600	27.80	19.21	-45.50	32.19	-30.68	15.25	45.93	0 deg	178	

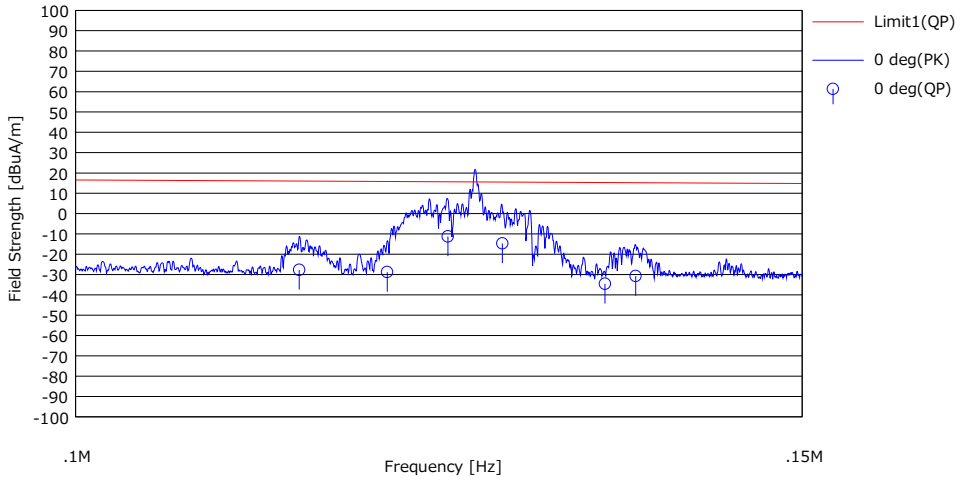
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Modulation Bandwidth (Spectrum Mask)
Normal Condition

Mode	2

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating 10m, Spurious below 30MHz:QP



No.	Freq. [MHz]	Reading (QP) [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result (QP) [dBuA/m]	Limit (QP) [dBuA/m]	Margin (QP) [dB]	Antenna	Table [deg]	Comment
1	0.11330	30.80	19.19	-45.50	32.19	-27.70	16.04	43.74	0 deg	178	
2	0.11900	29.70	19.19	-45.50	32.19	-28.80	15.83	44.63	0 deg	178	
3	0.12310	47.20	19.20	-45.50	32.19	-11.29	15.68	26.97	0 deg	178	
4	0.12690	43.80	19.20	-45.50	32.19	-14.69	15.55	30.24	0 deg	178	
5	0.13438	23.90	19.21	-45.50	32.19	-34.58	15.30	49.88	0 deg	178	
6	0.13670	27.70	19.21	-45.50	32.19	-30.78	15.23	46.01	0 deg	178	

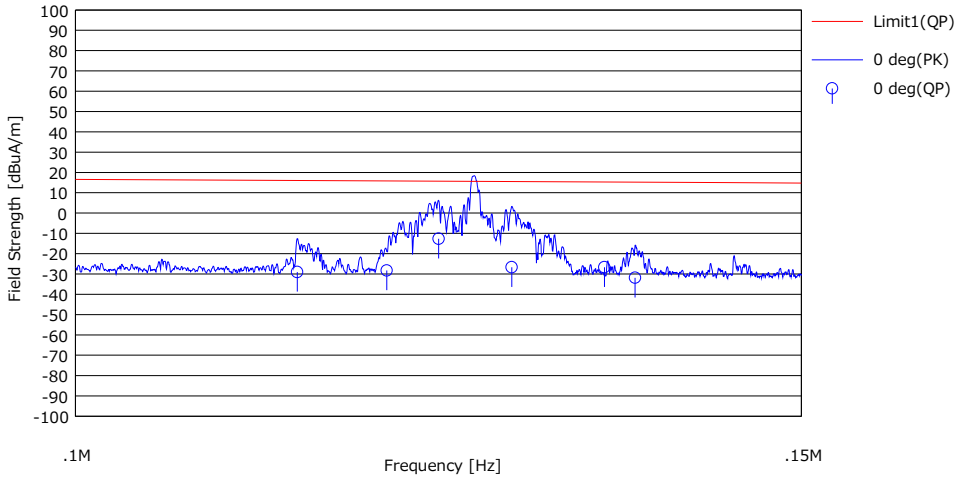
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Modulation Bandwidth (Spectrum Mask)
Normal Condition

Mode	3

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating 10m, Spurious below 30MHz:QP



No.	Freq. [MHz]	Reading 〈QP〉 [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result 〈QP〉 [dBuA/m]	Limit 〈QP〉 [dBuA/m]	Margin 〈QP〉 [dB]	Antenna	Table [deg]	Comment
1	0.11320	29.50	19.19	-45.50	32.19	-29.00	16.04	45.04	0 deg	172	
2	0.11900	30.20	19.19	-45.50	32.19	-28.30	15.83	44.13	0 deg	172	
3	0.12250	45.80	19.20	-45.50	32.19	-12.69	15.70	28.39	0 deg	172	
4	0.12760	31.80	19.20	-45.50	32.19	-26.69	15.52	42.21	0 deg	172	
5	0.13438	31.80	19.21	-45.50	32.19	-26.68	15.30	41.98	0 deg	172	
6	0.13670	26.60	19.21	-45.50	32.19	-31.88	15.23	47.11	0 deg	172	

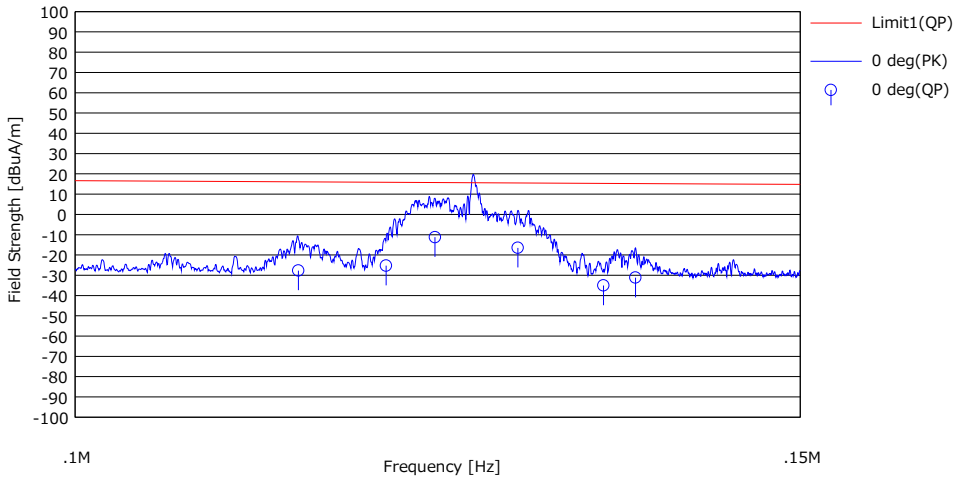
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Modulation Bandwidth (Spectrum Mask)
Normal Condition

Mode	4

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating 10m, Spurious below 30MHz:QP



No.	Freq. [MHz]	Reading 〈QP〉 [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result 〈QP〉 [dBuA/m]	Limit 〈QP〉 [dBuA/m]	Margin 〈QP〉 [dB]	Antenna	Table [deg]	Comment
1	0.11330	30.80	19.19	-45.50	32.19	-27.70	16.04	43.74	0 deg	178	
2	0.11900	33.20	19.19	-45.50	32.19	-25.30	15.83	41.13	0 deg	178	
3	0.12230	47.20	19.20	-45.50	32.19	-11.29	15.71	27.00	0 deg	178	
4	0.12810	42.00	19.20	-45.50	32.19	-16.49	15.51	32.00	0 deg	178	
5	0.13438	23.40	19.21	-45.50	32.19	-35.08	15.30	50.38	0 deg	178	
6	0.13680	27.30	19.21	-45.50	32.19	-31.18	15.22	46.40	0 deg	178	

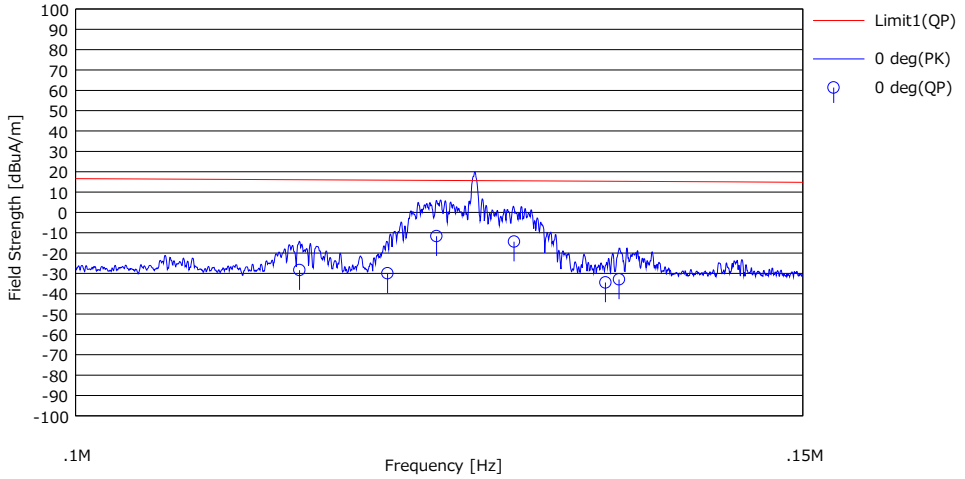
CHART: WITH FACTOR
ANT TYPE: - 30 MHz: LOOP, 30 MHz - 200 MHz: BICONICAL, 200 MHz - 1000 MHz: LOGPERIODIC, 1000 MHz -: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE + ATT - 51.5) - GAIN(AMP)

Modulation Bandwidth (Spectrum Mask)
Normal Condition

Mode	5

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

Limit : EN300330 V2.1.1 Operating 10m, Spurious below 30MHz:QP



No.	Freq. [MHz]	Reading 〈QP〉 [dBuV]	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result 〈QP〉 [dBuA/m]	Limit 〈QP〉 [dBuA/m]	Margin 〈QP〉 [dB]	Antenna	Table [deg]	Comment
1	0.11330	30.10	19.19	-45.50	32.19	-28.40	16.04	44.44	0 deg	184	
2	0.11900	28.50	19.19	-45.50	32.19	-30.00	15.83	45.83	0 deg	184	
3	0.12230	46.80	19.20	-45.50	32.19	-11.69	15.71	27.40	0 deg	184	
4	0.12770	44.10	19.20	-45.50	32.19	-14.39	15.52	29.91	0 deg	184	
5	0.13438	24.00	19.21	-45.50	32.19	-34.48	15.30	49.78	0 deg	184	
6	0.13540	25.50	19.21	-45.50	32.19	-32.98	15.27	48.25	0 deg	184	

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 - 51.5) - GAIN(AMP)

Transmitter H-field and Modulation Bandwidth (Spectrum Mask)
Extreme Condition

Mode	1

Date	Test site	Temperature	Humidity	Engineer
February 20, 2026	SR6	24 deg. C	32 % RH	Tetsuro Yoshida

Test Condition

Temp.: Nom, Volt.: Nom

Freq. [MHz]	Normal Condition Result [dBµA/m]	Test Fixture Normal [dBµV]
0.12500	7.31	60.10
0.11330	-25.90	25.00
0.11900	-23.10	28.60
0.12170	-6.69	46.00
0.12710	-15.19	38.80
0.13438	-33.68	10.80
0.13600	-30.68	17.90

Temp.: Min, Volt.: Min

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
64.20	11.41	55.75	44.30
28.30	-22.60	16.04	38.60
33.20	-18.50	15.83	34.30
49.60	-3.09	15.73	18.80
41.10	-12.89	15.54	28.40
16.50	-27.98	15.30	43.20
21.00	-27.58	15.25	42.80

Temp.: Min, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
64.20	11.41	55.75	44.30
28.10	-22.80	16.04	38.80
32.90	-18.80	15.83	34.60
48.80	-3.89	15.73	19.60
41.50	-12.49	15.54	28.00
16.30	-28.18	15.30	43.40
23.10	-25.48	15.25	40.70

Temp.: Max, Volt.: Min

Freq. [MHz]	Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
0.12500	61.40	8.61	55.75	47.10
0.11330	24.90	-26.00	16.04	42.00
0.11900	29.50	-22.20	15.83	38.00
0.12170	45.30	-7.39	15.73	23.10
0.12710	39.50	-14.49	15.54	30.00
0.13438	15.70	-28.78	15.30	44.00
0.13600	20.40	-28.18	15.25	43.40

Temp.: Max, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
61.20	8.41	55.75	47.30
25.30	-25.60	16.04	41.60
29.80	-21.90	15.83	37.70
45.00	-7.69	15.73	23.40
39.10	-14.89	15.54	30.40
14.90	-29.58	15.30	44.80
20.80	-27.78	15.25	43.00

Sample Calculation:
Extreme Result= Normal Condition Result – (Test Fixture Normal – Test Fixture Extreme)

Transmitter H-field and Modulation Bandwidth (Spectrum Mask)
Extreme Condition

Mode	2

Date	Test site	Temperature	Humidity	Engineer
February 20, 2026	SR6	24 deg. C	32 % RH	Tetsuro Yoshida

Test Condition

Temp.: Nom, Volt.: Nom

Freq. [MHz]	Normal Condition Result [dBµA/m]	Test Fixture Normal [dBµV]
0.12500	8.51	61.20
0.11330	-27.70	23.10
0.11900	-28.80	25.30
0.12310	-11.29	36.80
0.12690	-14.69	41.50
0.13438	-34.58	22.80
0.13670	-30.78	28.50

Temp.: Min, Volt.: Min

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
53.50	0.81	55.75	54.90
17.70	-33.10	16.04	49.10
18.90	-35.20	15.83	51.00
22.30	-25.79	15.68	41.40
35.80	-20.39	15.55	35.90
14.60	-42.78	15.30	58.00
21.00	-38.28	15.23	53.50

Temp.: Min, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
53.50	0.81	55.75	54.90
17.60	-33.20	16.04	49.20
19.00	-35.10	15.83	50.90
22.40	-25.69	15.68	41.30
36.30	-19.89	15.55	35.40
14.80	-42.58	15.30	57.80
21.00	-38.28	15.23	53.50

Temp.: Max, Volt.: Min

Freq. [MHz]	Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
0.12500	54.40	1.71	55.75	54.00
0.11330	16.10	-34.70	16.04	50.70
0.11900	18.20	-35.90	15.83	51.70
0.12310	29.10	-18.99	15.68	34.60
0.12690	37.60	-18.59	15.55	34.10
0.13438	15.50	-41.88	15.30	57.10
0.13670	21.70	-37.58	15.23	52.80

Temp.: Max, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
54.50	1.81	55.75	53.90
16.70	-34.10	16.04	50.10
17.60	-36.50	15.83	52.30
30.20	-17.89	15.68	33.50
36.60	-19.59	15.55	35.10
16.10	-41.28	15.30	56.50
22.30	-36.98	15.23	52.20

Sample Calculation:
Extreme Result= Normal Condition Result – (Test Fixture Normal – Test Fixture Extreme)

Transmitter H-field and Modulation Bandwidth (Spectrum Mask)
Extreme Condition

Mode	3

Date	Test site	Temperature	Humidity	Engineer
February 20, 2026	SR6	24 deg. C	32 % RH	Tetsuro Yoshida

Test Condition

Temp.: Nom, Volt.: Nom

Freq. [MHz]	Normal Condition Result [dBµA/m]	Test Fixture Normal [dBµV]
0.12500	8.31	60.10
0.11320	-29.00	20.40
0.11900	-28.30	19.70
0.12250	-12.69	37.60
0.12760	-26.69	40.90
0.13438	-26.68	16.20
0.13670	-31.88	24.70

Temp.: Min, Volt.: Min

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
60.00	8.21	55.75	47.50
19.30	-30.10	16.04	46.10
20.50	-27.50	15.83	43.30
35.50	-14.79	15.70	30.40
42.00	-25.59	15.52	41.10
16.40	-26.48	15.30	41.70
25.20	-31.38	15.23	46.60

Temp.: Min, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
60.10	8.31	55.75	47.40
19.20	-30.20	16.04	46.20
20.40	-27.60	15.83	43.40
36.10	-14.19	15.70	29.80
42.20	-25.39	15.52	40.90
16.60	-26.28	15.30	41.50
25.50	-31.08	15.23	46.30

Temp.: Max, Volt.: Min

Freq. [MHz]	Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
0.12500	59.20	7.41	55.75	48.30
0.11320	19.20	-30.20	16.04	46.20
0.11900	19.00	-29.00	15.83	44.80
0.12250	37.40	-12.89	15.70	28.50
0.12760	40.50	-27.09	15.52	42.60
0.13438	16.40	-26.48	15.30	41.70
0.13670	23.70	-32.88	15.23	48.10

Temp.: Max, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
59.20	7.41	55.75	48.30
19.30	-30.10	16.04	46.10
19.40	-28.60	15.83	44.40
36.50	-13.79	15.70	29.40
41.30	-26.29	15.52	41.80
16.80	-26.08	15.30	41.30
23.10	-33.48	15.23	48.70

Sample Calculation:

Extreme Result= Normal Condition Result – (Test Fixture Normal – Test Fixture Extreme)

Transmitter H-field and Modulation Bandwidth (Spectrum Mask)
Extreme Condition

Mode	4

Date	Test site	Temperature	Humidity	Engineer
February 20, 2026	SR6	24 deg. C	32 % RH	Tetsuro Yoshida

Test Condition

Temp.: Nom, Volt.: Nom

Freq. [MHz]	Normal Condition Result [dBµA/m]	Test Fixture Normal [dBµV]
0.12500	7.51	60.00
0.11330	-27.70	21.80
0.11900	-25.30	23.70
0.12230	-11.29	42.60
0.12810	-16.49	38.50
0.13438	-35.08	14.30
0.13680	-31.18	21.70

Temp.: Min, Volt.: Min

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
60.20	7.71	55.75	48.00
22.40	-27.10	16.04	43.10
23.40	-25.60	15.83	41.40
41.10	-12.79	15.71	28.50
36.70	-18.29	15.51	33.80
11.50	-37.88	15.30	53.10
21.40	-31.48	15.22	46.70

Temp.: Min, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
60.20	7.71	55.75	48.00
22.20	-27.30	16.04	43.30
24.50	-24.50	15.83	40.30
40.80	-13.09	15.71	28.80
37.20	-17.79	15.51	33.30
11.90	-37.48	15.30	52.70
20.40	-32.48	15.22	47.70

Temp.: Max, Volt.: Min

Freq. [MHz]	Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
0.12500	58.60	6.11	55.75	49.60
0.11330	19.90	-29.60	16.04	45.60
0.11900	23.10	-25.90	15.83	41.70
0.12230	40.80	-13.09	15.71	28.80
0.12810	37.10	-17.89	15.51	33.40
0.13438	14.10	-35.28	15.30	50.50
0.13680	21.80	-31.08	15.22	46.30

Temp.: Max, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
58.60	6.11	55.75	49.60
21.70	-27.80	16.04	43.80
22.10	-26.90	15.83	42.70
39.50	-14.39	15.71	30.10
37.20	-17.79	15.51	33.30
15.50	-33.88	15.30	49.10
20.30	-32.58	15.22	47.80

Sample Calculation:

Extreme Result= Normal Condition Result – (Test Fixture Normal – Test Fixture Extreme)

Transmitter H-field and Modulation Bandwidth (Spectrum Mask)
Extreme Condition

Mode	5

Date	Test site	Temperature	Humidity	Engineer
February 20, 2026	SR6	24 deg. C	32 % RH	Tetsuro Yoshida

Test Condition

Temp.: Nom, Volt.: Nom

Freq. [MHz]	Normal Condition Result [dBµA/m]	Test Fixture Normal [dBµV]
0.12500	8.01	60.50
0.11330	-28.40	21.20
0.11900	-30.00	21.80
0.12230	-11.69	38.80
0.12770	-14.39	42.70
0.13438	-34.48	19.40
0.13540	-32.98	22.60

Temp.: Min, Volt.: Min

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
58.00	5.51	55.75	50.20
19.30	-30.30	16.04	46.30
19.40	-32.40	15.83	48.20
35.90	-14.59	15.71	30.30
36.60	-20.49	15.52	36.00
13.50	-40.38	15.30	55.60
21.10	-34.48	15.27	49.70

Temp.: Min, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
58.00	5.51	55.75	50.20
19.10	-30.50	16.04	46.50
20.00	-31.80	15.83	47.60
35.80	-14.69	15.71	30.40
37.50	-19.59	15.52	35.10
13.90	-39.98	15.30	55.20
21.20	-34.38	15.27	49.60

Temp.: Max, Volt.: Min

Freq. [MHz]	Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
0.12500	57.00	4.51	55.75	51.20
0.11330	18.30	-31.30	16.04	47.30
0.11900	17.70	-34.10	15.83	49.90
0.12230	36.50	-13.99	15.71	29.70
0.12770	40.20	-16.89	15.52	32.40
0.13438	14.90	-38.98	15.30	54.20
0.13540	20.40	-35.18	15.27	50.40

Temp.: Max, Volt.: Max

Test Fixture Extreme [dBµV]	Extreme Result [dBµA/m]	Limit (10 m) [dBµA/m]	Margin [dB]
57.30	4.81	55.75	50.90
19.00	-30.60	16.04	46.60
18.50	-33.30	15.83	49.10
36.40	-14.09	15.71	29.80
37.70	-19.39	15.52	34.90
15.40	-38.48	15.30	53.70
18.80	-36.78	15.27	52.00

Sample Calculation:

Extreme Result= Normal Condition Result – (Test Fixture Normal – Test Fixture Extreme)

Operating Frequency Ranges

Mode	1

Date	Test site	Temperature	Humidity	Engineer
February 20, 2026	SR6	24 deg. C	32 % RH	Tetsuro Yoshida

Test Condition		Carrier Freq.	99 % OBW	Transmit	Side	Result	Limit
Temp.	Volt.	[MHz]	[kHz]	Freq. Error [kHz]		[MHz]	[MHz]
Nom	Nom	0.1250	10.1453	-0.6205	Lower	0.1193	0.1190
					Upper	0.1295	0.1400
Min	Min	0.1250	10.2400	-0.6129	Lower	0.1193	0.1190
					Upper	0.1295	0.1400
Min	Max	0.1250	10.3270	-0.6719	Lower	0.1192	0.1190
					Upper	0.1295	0.1400
Max	Min	0.1250	10.3838	-0.6192	Lower	0.1192	0.1190
					Upper	0.1296	0.1400
Max	Max	0.1250	10.3966	-0.6495	Lower	0.1192	0.1190
					Upper	0.1295	0.1400

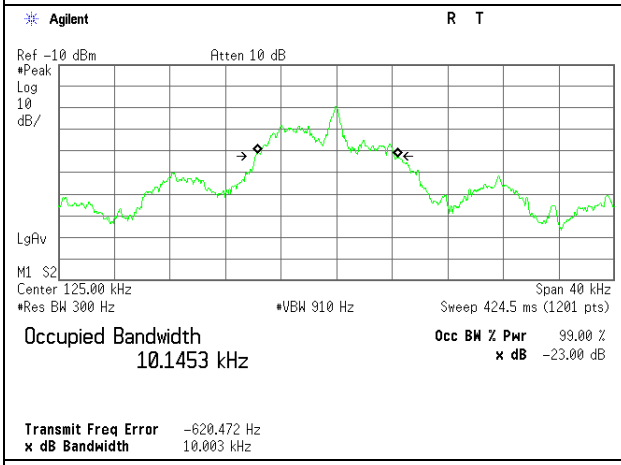
Sample Calculation:
Lower Result= Carrier Freq. + Transmit Freq. Error - (99 % OBW / 2)
Upper Result= Carrier Freq. + Transmit Freq. Error + (99 % OBW / 2)

Operating Frequency Ranges

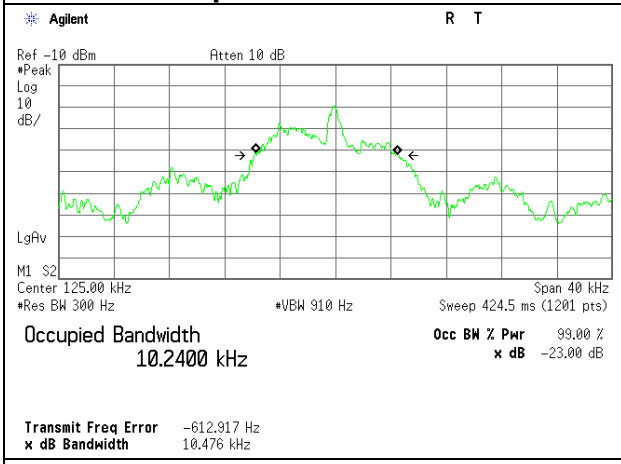
Mode	1

Date	Test site	Temperature	Humidity	Engineer
February 20, 2026	SR6	24 deg. C	32 % RH	Tetsuro Yoshida

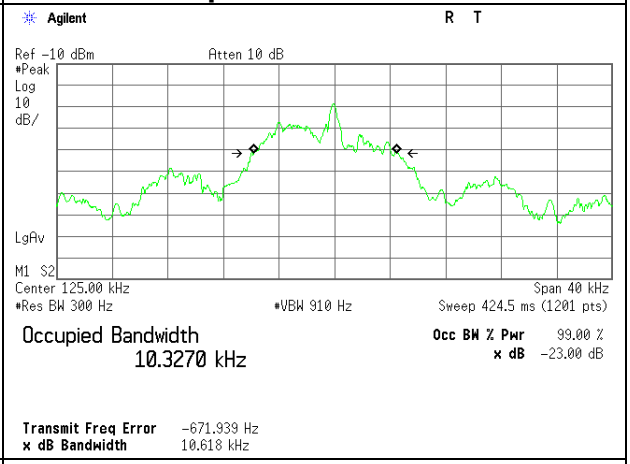
Normal Condition



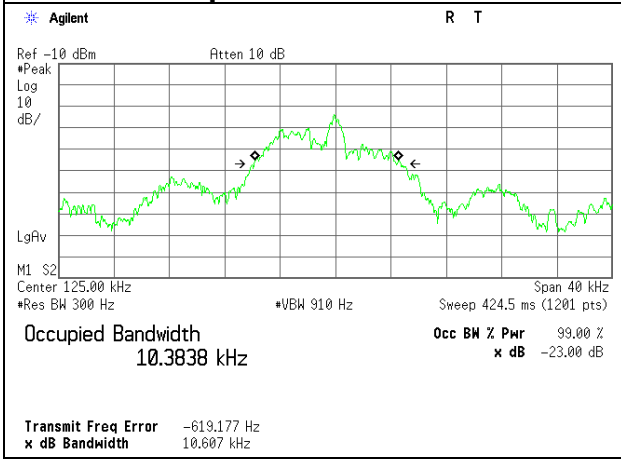
Temp.: Min / Volt.: Min



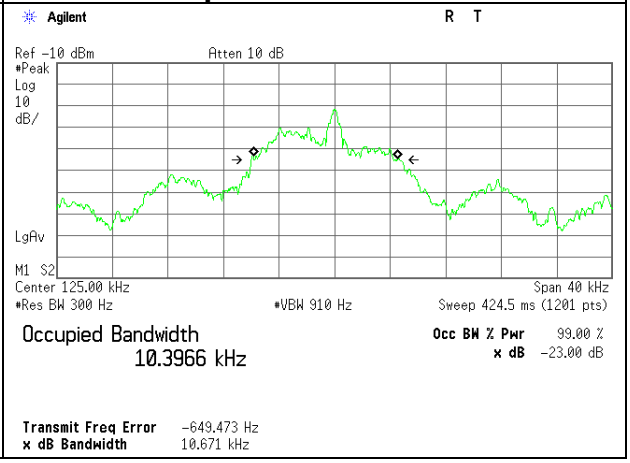
Temp.: Min / Volt.: Max



Temp.: Max / Volt.: Min



Temp.: Max / Volt.: Max



Operating Frequency Ranges

Mode	2

Date	Test site	Temperature	Humidity	Engineer
March 4, 2026	MR6	22 deg. C	48 % RH	Daiki Matsui

Test Condition		Carrier Freq.	99 % OBW	Transmit	Side	Result	Limit
Temp.	Volt.	[MHz]	[kHz]	Freq. Error [kHz]		[MHz]	[MHz]
Nom	Nom	0.1250	9.921	-0.141	Lower	0.1199	0.1190
					Upper	0.1298	0.1400
Min	Min	0.1250	9.804	-0.252	Lower	0.1198	0.1190
					Upper	0.1297	0.1400
Min	Max	0.1250	10.066	-0.172	Lower	0.1198	0.1190
					Upper	0.1299	0.1400
Max	Min	0.1250	9.679	-0.237	Lower	0.1199	0.1190
					Upper	0.1296	0.1400
Max	Max	0.1250	10.413	-0.224	Lower	0.1196	0.1190
					Upper	0.1300	0.1400

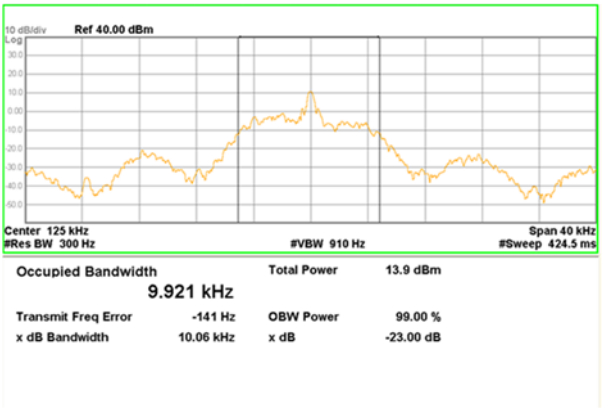
Sample Calculation:
Lower Result= Carrier Freq. + Transmit Freq. Error - (99 % OBW / 2)
Upper Result= Carrier Freq. + Transmit Freq. Error + (99 % OBW / 2)

Operating Frequency Ranges

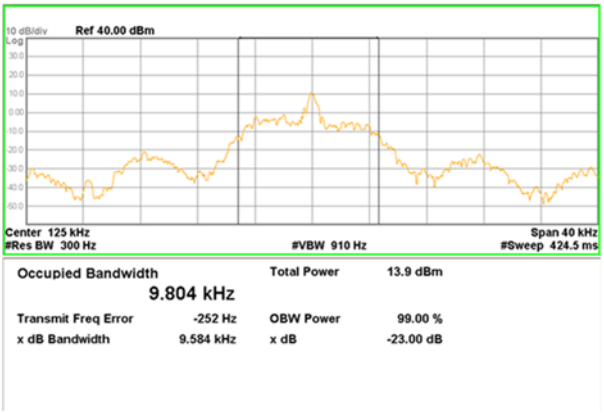
Mode	2

Date	Test site	Temperature	Humidity	Engineer
March 4, 2026	MR6	22 deg. C	48 % RH	Daiki Matsui

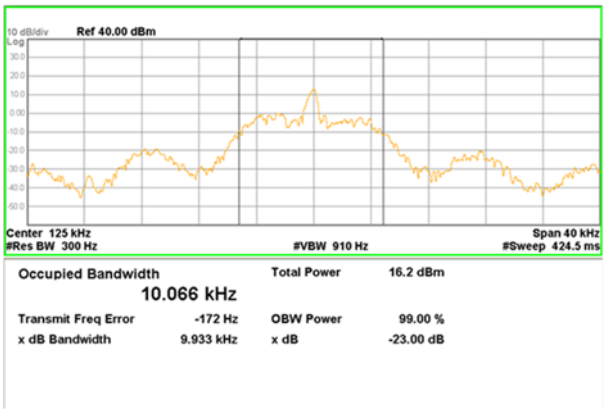
Normal Condition



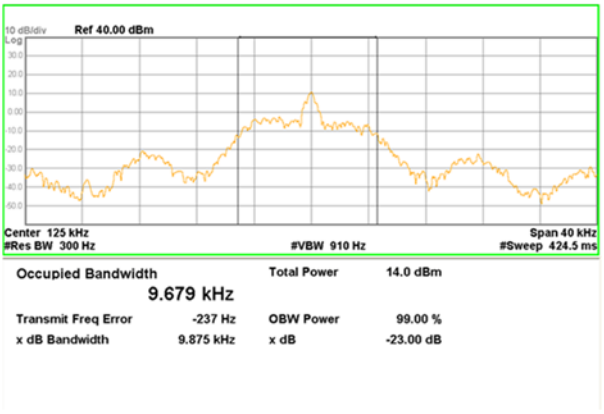
Temp.: Min / Volt.: Min



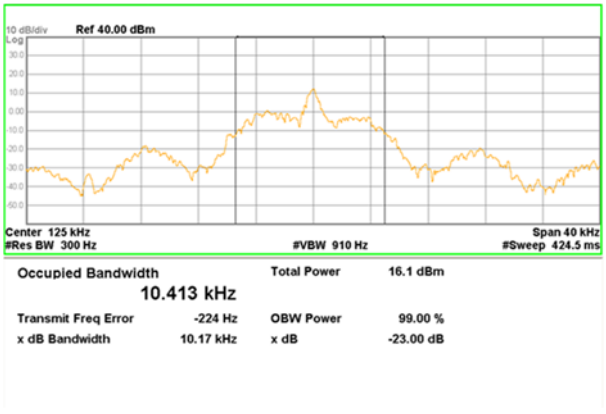
Temp.: Min / Volt.: Max



Temp.: Max / Volt.: Min



Temp.: Max / Volt.: Max



Operating Frequency Ranges

Mode	3

Date	Test site	Temperature	Humidity	Engineer
March 4, 2026	MR6	22 deg. C	48 % RH	Daiki Matsui

Test Condition		Carrier Freq.	99 % OBW	Transmit	Side	Result	Limit
Temp.	Volt.	[MHz]	[kHz]	Freq. Error [kHz]		[MHz]	[MHz]
Nom	Nom	0.1250	11.232	-0.137	Lower	0.1192	0.1190
					Upper	0.1305	0.1400
Min	Min	0.1250	10.839	-0.138	Lower	0.1194	0.1190
					Upper	0.1303	0.1400
Min	Max	0.1250	11.172	0.045	Lower	0.1195	0.1190
					Upper	0.1306	0.1400
Max	Min	0.1250	10.970	-0.006	Lower	0.1195	0.1190
					Upper	0.1305	0.1400
Max	Max	0.1250	10.905	-0.003	Lower	0.1195	0.1190
					Upper	0.1304	0.1400

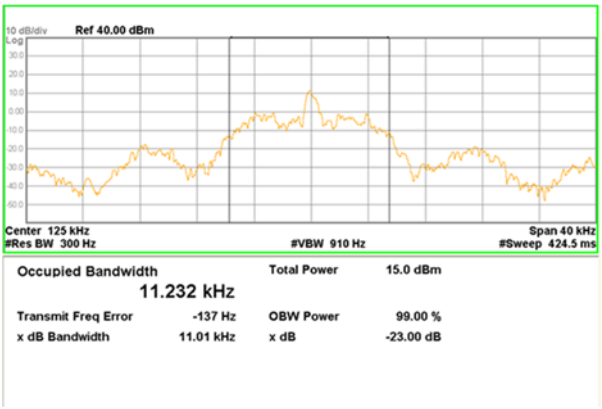
Sample Calculation:
Lower Result= Carrier Freq. + Transmit Freq. Error - (99 % OBW / 2)
Upper Result= Carrier Freq. + Transmit Freq. Error + (99 % OBW / 2)

Operating Frequency Ranges

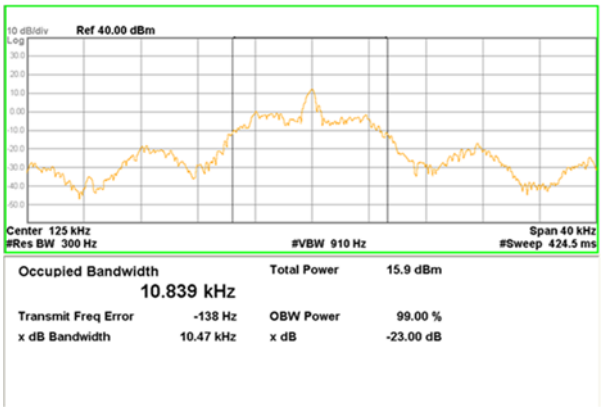
Mode	3

Date	Test site	Temperature	Humidity	Engineer
March 4, 2026	MR6	22 deg. C	48 % RH	Daiki Matsui

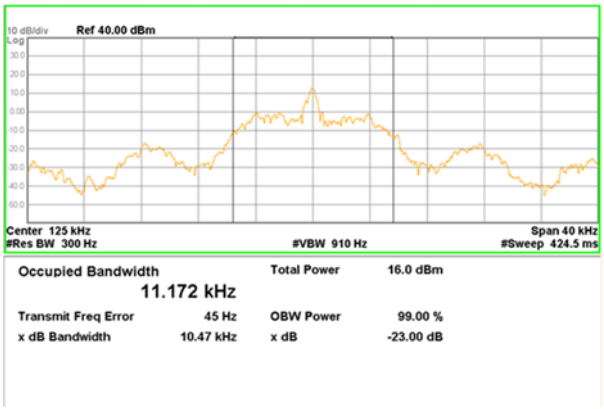
Normal Condition



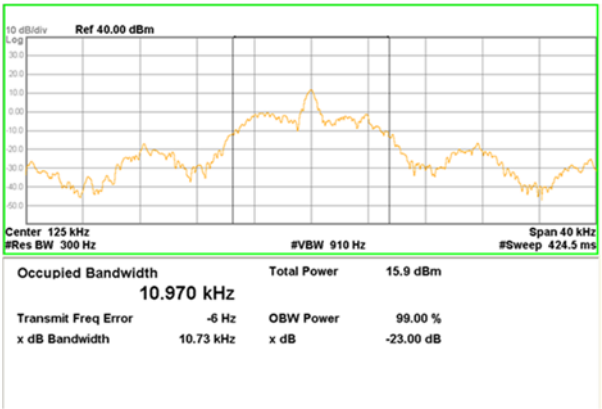
Temp.: Min / Volt.: Min



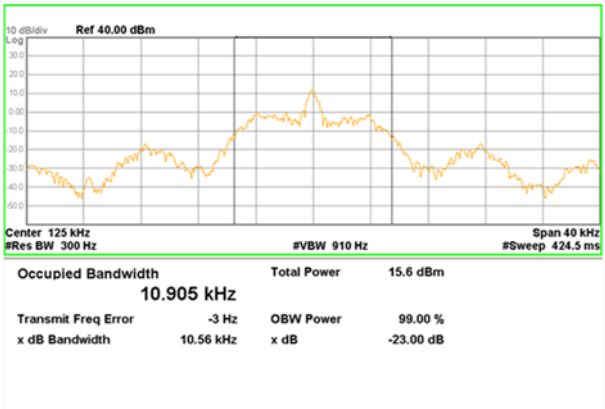
Temp.: Min / Volt.: Max



Temp.: Max / Volt.: Min



Temp.: Max / Volt.: Max



Operating Frequency Ranges

Mode	4

Date	Test site	Temperature	Humidity	Engineer
March 4, 2026	MR6	22 deg. C	48 % RH	Daiki Matsui

Test Condition		Carrier Freq.	99 % OBW	Transmit	Side	Result	Limit
Temp.	Volt.	[MHz]	[kHz]	Freq. Error [kHz]		[MHz]	[MHz]
Nom	Nom	0.1250	9.906	-0.425	Lower	0.1196	0.1190
					Upper	0.1295	0.1400
Min	Min	0.1250	9.801	-0.300	Lower	0.1198	0.1190
					Upper	0.1296	0.1400
Min	Max	0.1250	9.874	-0.389	Lower	0.1197	0.1190
					Upper	0.1295	0.1400
Max	Min	0.1250	10.052	-0.366	Lower	0.1196	0.1190
					Upper	0.1297	0.1400
Max	Max	0.1250	10.425	-0.354	Lower	0.1194	0.1190
					Upper	0.1299	0.1400

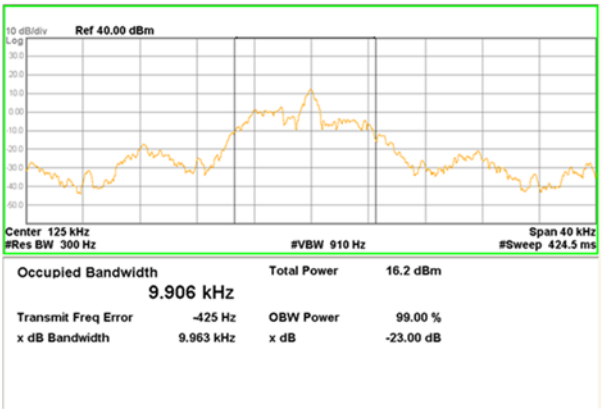
Sample Calculation:
Lower Result= Carrier Freq. + Transmit Freq. Error - (99 % OBW / 2)
Upper Result= Carrier Freq. + Transmit Freq. Error + (99 % OBW / 2)

Operating Frequency Ranges

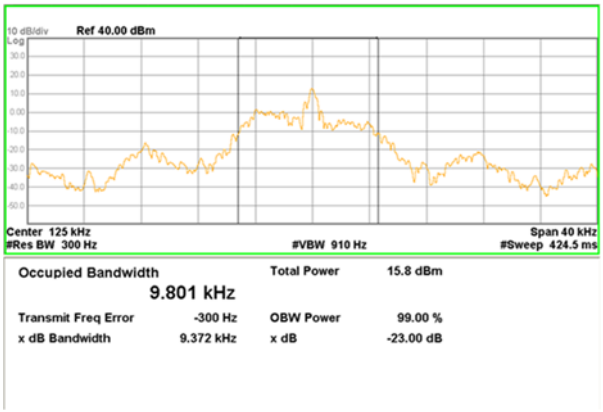
Mode	4

Date	Test site	Temperature	Humidity	Engineer
March 4, 2026	MR6	22 deg. C	48 % RH	Daiki Matsui

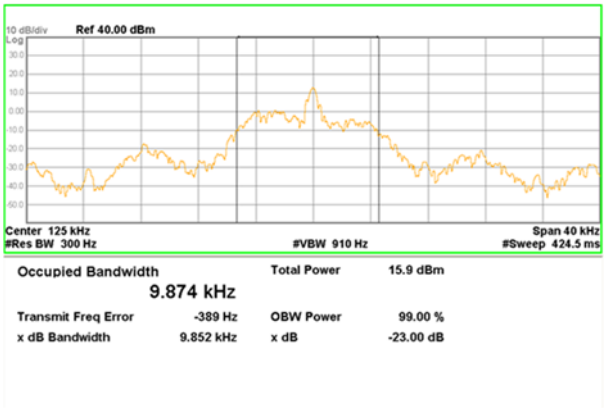
Normal Condition



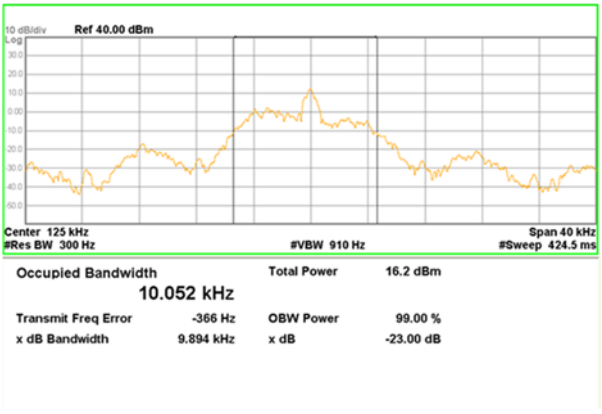
Temp.: Min / Volt.: Min



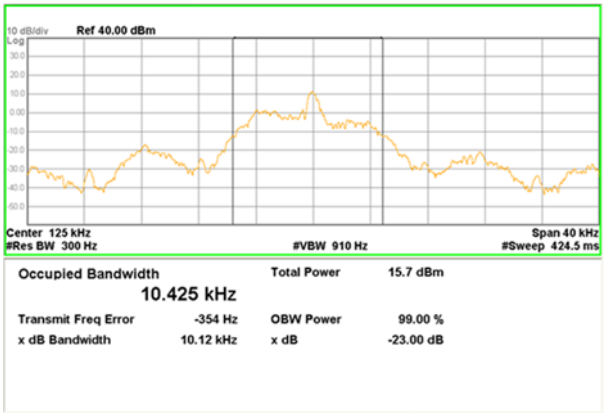
Temp.: Min / Volt.: Max



Temp.: Max / Volt.: Min



Temp.: Max / Volt.: Max



Operating Frequency Ranges

Mode	5

Date	Test site	Temperature	Humidity	Engineer
March 4, 2026	MR6	22 deg. C	48 % RH	Daiki Matsui

Test Condition		Carrier Freq.	99 % OBW	Transmit	Side	Result	Limit
Temp.	Volt.	[MHz]	[kHz]	Freq. Error [kHz]		[MHz]	[MHz]
Nom	Nom	0.1250	9.770	0.041	Lower	0.1202	0.1190
					Upper	0.1299	0.1400
Min	Min	0.1250	9.585	0.084	Lower	0.1203	0.1190
					Upper	0.1299	0.1400
Min	Max	0.1250	10.049	-0.067	Lower	0.1199	0.1190
					Upper	0.1300	0.1400
Max	Min	0.1250	9.753	0.004	Lower	0.1201	0.1190
					Upper	0.1299	0.1400
Max	Max	0.1250	10.159	0.028	Lower	0.1199	0.1190
					Upper	0.1301	0.1400

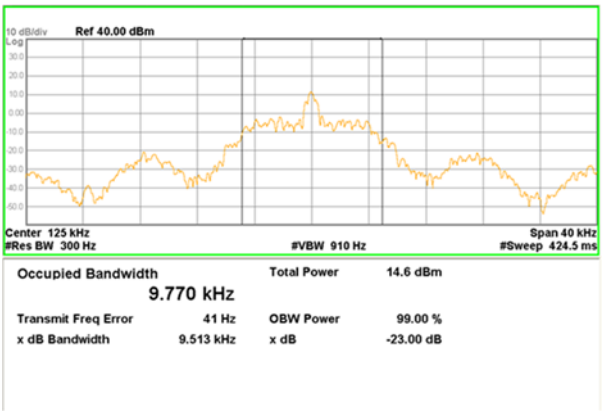
Sample Calculation:
Lower Result= Carrier Freq. + Transmit Freq. Error - (99 % OBW / 2)
Upper Result= Carrier Freq. + Transmit Freq. Error + (99 % OBW / 2)

Operating Frequency Ranges

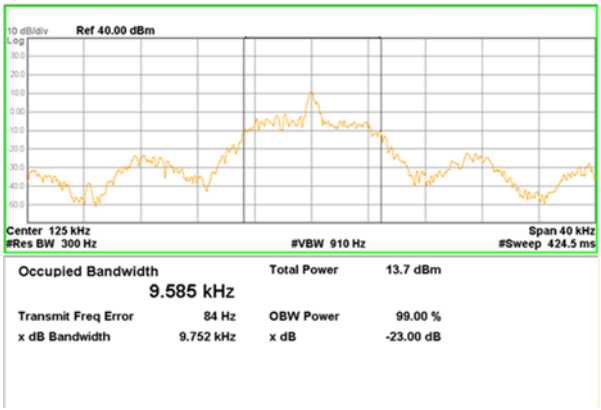
Mode	5

Date	Test site	Temperature	Humidity	Engineer
March 4, 2026	MR6	22 deg. C	48 % RH	Daiki Matsui

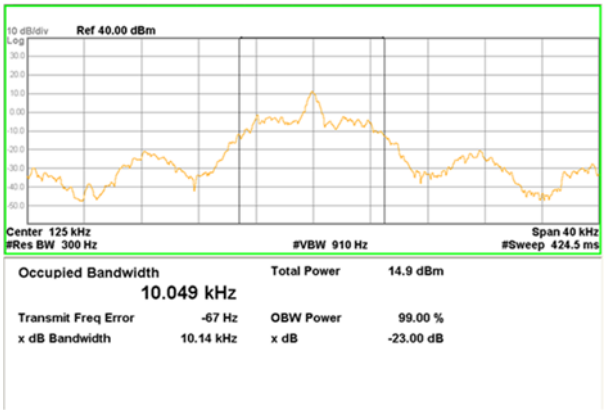
Normal Condition



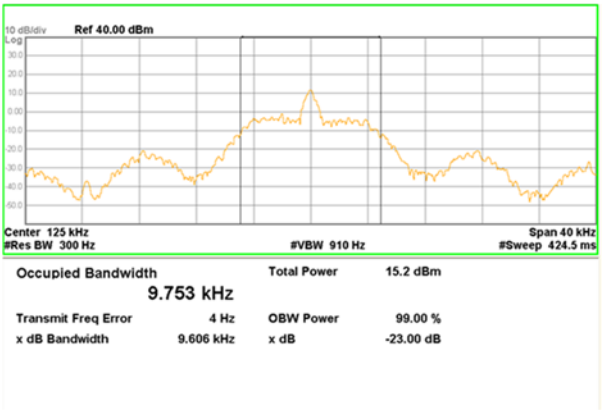
Temp.: Min / Volt.: Min



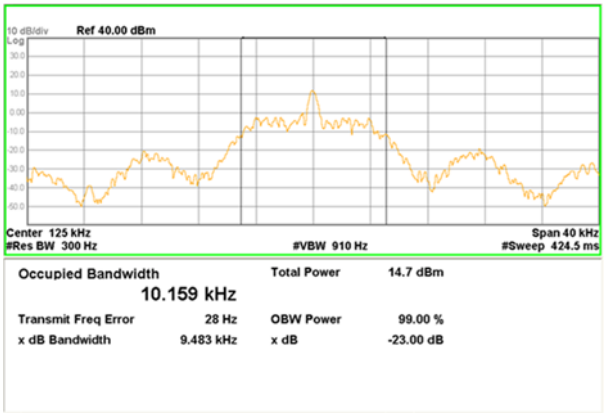
Temp.: Min / Volt.: Max



Temp.: Max / Volt.: Min



Temp.: Max / Volt.: Max



Transmitter Radiated Spurious Domain Emission Limits < 30 MHz

Mode	1 to 6

Date	Test site	Temperature	Humidity	Engineer
February 19, 2026	SAC1	20 deg. C	37 % RH	Hiroki Numata

No Signal detected.

Transmitter Radiated Spurious Domain Emission Limits > 30 MHz

Mode	1

Date	Test site	Temperature	Humidity	Engineer
February 4, 2026	SAC2	21 deg. C	48 % RH	Nachi Konegawa

Frequency	Rx SA/TR Reading [dBuV]		Tx SG Reading [dBm]		Tx Cable Loss	Tx Ant. Gain	Result (ERP) [dBm]		Limit (ERP) [dBm]	Margin [dB]		Horizontal Rx Ant. Height	Horizontal Turn Table	Vertical Rx Ant. Height	Vertical Turn Table	Remarks
[MHz]	Hori.	Vert.	Hori.	Vert.	[dB]	[dBi]	Hori.	Vert.		Hori.	Vert.	[cm]	[deg.]	[cm]	[deg.]	
49.50	NS	39.1	-	-40.2	1.4	-29.9	-	-73.7	-54.0	-	19.7	-	-	100	96	
211.98	40.0	33.1	-52.2	-56.6	2.9	-8.1	-65.3	-69.7	-54.0	***11.3***	15.7	103	0	161	77	

Calculation Result = SG Reading - Tx Cable Loss + Tx Antenna Gain - 2.15
Rx-ANTENNA : Biconical Antenna(30 MHz - 200 MHz), Logperiodic Antenna(200 MHz - 1000 MHz)
Tx-ANTENNA : 120 MHz tuned Dipole Antenna(30 MHz - 120 MHz), Dipole Antenna(120 MHz - 1000 MHz)
Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
NS : No signal detect.
Detector : Below 1 GHz: Test Receiver QP (BW: 120 kHz)

Transmitter Radiated Spurious Domain Emission Limits > 30 MHz

Mode	2

Date	Test site	Temperature	Humidity	Engineer
February 4, 2026	SAC2	21 deg. C	48 % RH	Nachi Konegawa

Frequency	Rx SA/TR Reading [dBuV]		Tx SG Reading [dBm]		Tx Cable Loss	Tx Ant. Gain	Result (ERP) [dBm]		Limit (ERP) [dBm]	Margin [dB]		Horizontal Rx Ant. Height	Horizontal Turn Table	Vertical Rx Ant. Height	Vertical Turn Table	Remarks
[MHz]	Hori.	Vert.	Hori.	Vert.	[dB]	[dBi]	Hori.	Vert.		Hori.	Vert.	[cm]	[deg.]	[cm]	[deg.]	
65.32	NS	38.5	-	-46.7	1.6	-24.3	-	-74.8	-54.0	-	20.8	-	-	102	78	
212.01	40.3	NS	-51.9	-	2.9	-8.1	-65.0	-	-54.0	***11.0***	-	101	4	-	-	

Calculation Result = SG Reading - Tx Cable Loss + Tx Antenna Gain - 2.15
Rx-ANTENNA : Biconical Antenna(30 MHz - 200 MHz), Logperiodic Antenna(200 MHz - 1000 MHz)
Tx-ANTENNA : 120 MHz tuned Dipole Antenna(30 MHz - 120 MHz), Dipole Antenna(120 MHz - 1000 MHz)
Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
NS : No signal detect.
Detector : Below 1 GHz: Test Receiver QP (BW: 120 kHz)

Transmitter Radiated Spurious Domain Emission Limits > 30 MHz

Mode	3

Date	Test site	Temperature	Humidity	Engineer
February 4, 2026	SAC2	21 deg. C	48 % RH	Nachi Konegawa

Frequency	Rx SA/TR Reading [dBuV]		Tx SG Reading [dBm]		Tx Cable Loss	Tx Ant. Gain	Result (ERP) [dBm]		Limit (ERP) [dBm]	Margin [dB]		Horizontal		Vertical		Remarks
												Rx Ant. Height	Turn Table	Rx Ant. Height	Turn Table	
[MHz]	Hori.	Vert.	Hori.	Vert.	[dB]	[dBi]	Hori.	Vert.		Hori.	Vert.	[cm]	[deg.]	[cm]	[deg.]	
30.85	NS	52.2	-	-10.1	1.1	-39.4	-	-52.7	-36.0	-	16.7	-	-	100	357	
211.99	40.8	33.5	-51.4	-56.2	2.9	-8.1	-64.5	-69.3	-54.0	10.5	15.3	102	0	149	66	
523.97	32.1	27.3	-47.6	-51.9	4.7	-7.8	-62.3	-66.6	-54.0	***8.3***	12.6	142	143	141	47	

Calculation Result = SG Reading - Tx Cable Loss + Tx Antenna Gain - 2.15
Rx-ANTENNA : Biconical Antenna(30 MHz - 200 MHz), Logperiodic Antenna(200 MHz - 1000 MHz)
Tx-ANTENNA : 120 MHz tuned Dipole Antenna(30 MHz - 120 MHz), Dipole Antenna(120 MHz - 1000 MHz)
Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
NS : No signal detect.
Detector : Below 1 GHz: Test Receiver QP (BW: 120 kHz)

Transmitter Radiated Spurious Domain Emission Limits > 30 MHz

Mode	4

Date	Test site	Temperature	Humidity	Engineer
February 4, 2026	SAC2	21 deg. C	48 % RH	Nachi Konegawa

Frequency	Rx SA/TR Reading [dBuV]		Tx SG Reading [dBm]		Tx Cable Loss	Tx Ant. Gain	Result (ERP) [dBm]		Limit (ERP) [dBm]	Margin [dB]		Horizontal Rx Ant. Height	Horizontal Turn Table	Vertical Rx Ant. Height	Vertical Turn Table	Remarks
[MHz]	Hori.	Vert.	Hori.	Vert.	[dB]	[dBi]	Hori.	Vert.		Hori.	Vert.	[cm]	[deg.]	[cm]	[deg.]	
50.64	NS	39.2	-	-40.1	1.4	-29.5	-	-73.1	-54.0	-	19.1	-	-	150	258	
211.99	40.3	NS	-51.9	-	2.9	-8.1	-65.0	-	-54.0	***11.0***	-	106	359	-	-	

Calculation Result = SG Reading - Tx Cable Loss + Tx Antenna Gain - 2.15
Rx-ANTENNA : Biconical Antenna(30 MHz - 200 MHz), Logperiodic Antenna(200 MHz - 1000 MHz)
Tx-ANTENNA : 120 MHz tuned Dipole Antenna(30 MHz - 120 MHz), Dipole Antenna(120 MHz - 1000 MHz)
Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
NS : No signal detect.
Detector : Below 1 GHz: Test Receiver QP (BW: 120 kHz)

Transmitter Radiated Spurious Domain Emission Limits > 30 MHz

Mode	5

Date	Test site	Temperature	Humidity	Engineer
February 4, 2026	SAC2	21 deg. C	48 % RH	Nachi Konegawa

Frequency	Rx SA/TR Reading [dBuV]		Tx SG Reading [dBm]		Tx Cable Loss	Tx Ant. Gain	Result (ERP) [dBm]		Limit (ERP) [dBm]	Margin [dB]		Horizontal		Vertical		Remarks
												Rx Ant. Height	Turn Table	Rx Ant. Height	Turn Table	
[MHz]	Hori.	Vert.	Hori.	Vert.	[dB]	[dBi]	Hori.	Vert.		Hori.	Vert.	[cm]	[deg.]	[cm]	[deg.]	
212.00	40.0	33.2	-52.2	-56.5	2.9	-8.2	-65.4	-69.7	-54.0	***11.4***	15.7	102	359	158	83	

Calculation Result = SG Reading - Tx Cable Loss + Tx Antenna Gain - 2.15
Rx-ANTENNA : Biconical Antenna(30 MHz - 200 MHz), Logperiodic Antenna(200 MHz - 1000 MHz)
Tx-ANTENNA : 120 MHz tuned Dipole Antenna(30 MHz - 120 MHz), Dipole Antenna(120 MHz - 1000 MHz)
Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
NS : No signal detect.
Detector : Below 1 GHz: Test Receiver QP (BW: 120 kHz)

Transmitter Radiated Spurious Domain Emission Limits > 30 MHz

Mode	6

Date	Test site	Temperature	Humidity	Engineer
February 24, 2026	SAC2	23 deg. C	41 % RH	Takumi Nishida

No Signal detected.

APPENDIX 2: Test instruments

Test equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	141213	Attenuator(6dB)	Weinschel Corp	2	BK7971	11/11/2025	12
RE	141215	Coaxial Cable	Fujikura/Suhner/TSJ	5D-2W/3D-2W/ RG400u/ RFM-E421(SW)	-/01068 (Switcher)	06/27/2025	12
RE	141219	Coaxial Cable	UL-ISE	-	-	07/04/2025	12
RE	141265	Logperiodic Antenna (200-1000MHz)	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	9111B-190	07/22/2025	12
RE	141277	Signal Generator	Rohde & Schwarz	SMIQ03B	839657/039	08/27/2025	12
RE	141295	High Pass Filter 0.15-30MHz	Rohde & Schwarz	EZ-25/3	100041	02/09/2026	12
RE	141317	Coaxial Cable	UL-ISE	-	-	09/29/2025	12
RE	141331	Attenuator(6dB)	TME	UFA-01	-	-	-
RE	141427	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHA9103B+ BBA9106	08031	07/22/2025	12
RE	141429	Temperature and Humidity Chamber	Espec	PL-2KP	14015723	08/28/2025	12
RE	141530	Digital Tester	Fluke Corporation	FLUKE 26-3	78030621	02/05/2026	12
RE	141542	Digital Tester	Fluke Corporation	FLUKE 26-3	78030611	08/01/2025	12
RE	141558	Digital Tester(TRUE RMS MULTIMETER)	Fluke Corporation	115	17930030	05/13/2025	12
RE	141568	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	2901	01/14/2026	12
RE	141583	Pre Amplifier	SONOMA INSTRUMENT	310	260833	04/02/2025	12
RE	141594	Pre Amplifier	Keysight Technologies Inc	8447D	2944A10150	02/09/2026	12
RE	141904	Spectrum Analyzer	Keysight Technologies Inc	N9030A	US51350215	11/19/2025	12
RE	141949	Test Receiver	Rohde & Schwarz	ESCI	100767	06/30/2025	12
RE	141950	EMI Test Receiver	Rohde & Schwarz	ESU26	100412	01/05/2026	12
RE	141951	EMI Test Receiver	Rohde & Schwarz	ESR26	101408	05/07/2025	12
RE	141978	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY46180899	05/14/2025	12
RE	141998	AC1_Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 10m	DA-06881	07/07/2025	24
RE	142004	AC2_Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-06902	07/08/2025	24
RE	142226	Measure, Tape, Steel	KOMELON	KMC-36	-	-	-
RE	142228	Measure, Tape, Steel	KOMELON	KMC-36	-	-	-
RE	143211	Dipole Antenna	Schwarzbeck Mess-Elektronik OHG	VHAP	1137	09/18/2025	12
RE	146613	Loop Antenna	Rohde & Schwarz	HFH2-Z2	842906/011	09/19/2025	12
RE	147006	Dipole Antenna	Schwarzbeck Mess-Elektronik OHG	UHAP	601	06/25/2025	12
RE	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	202512	Loop Antenna	UL-ISE	-	-	-	-
RE	207745	Coaxial Cable	UL-ISE	-	-	03/19/2025	12
RE	244707	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202102	01/13/2026	12
RE	244712	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202106	01/13/2026	12
RE	266727	Attenuator	Huber+Suhner	6806_N-50-1	40701613	07/09/2025	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

APPENDIX 3: Photographs of test setup

Radiated Spurious Emission

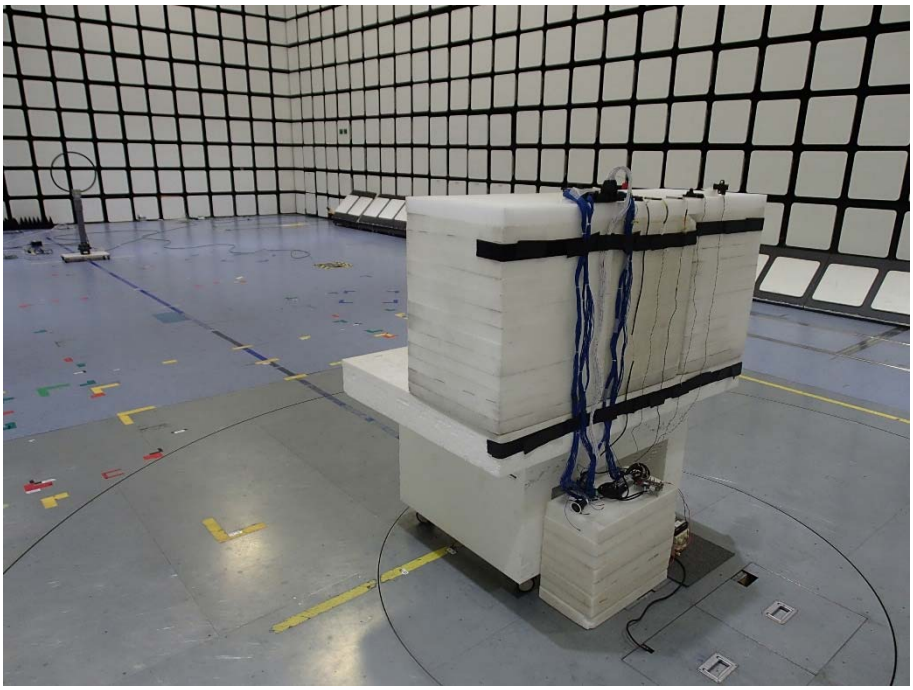


Photo 1

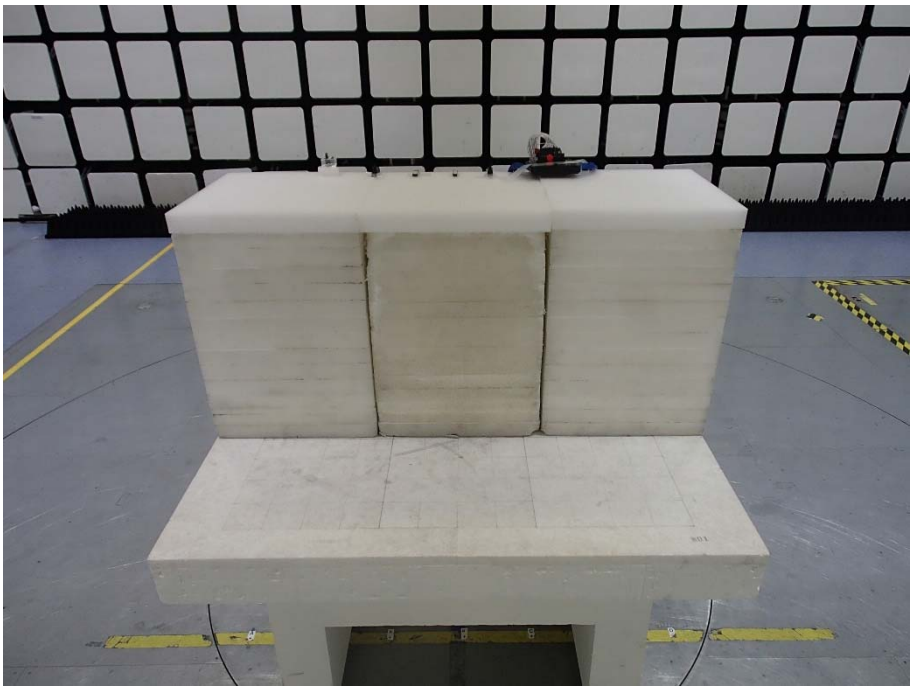


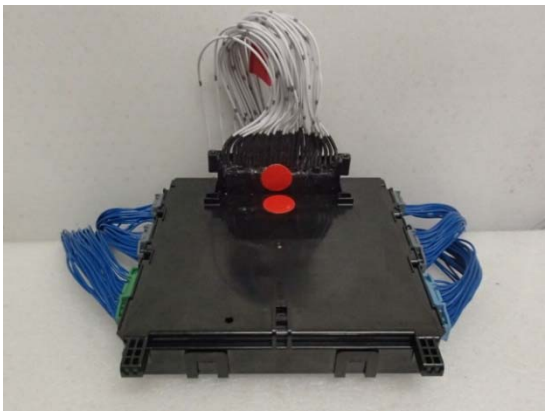
Photo 2

Worst Case Position

BCM

Below 30 MHz: X-axis, 0 deg
Above 30 MHz:
Horizontal: X-axis / Vertical: X-axis

X-axis



Y-axis

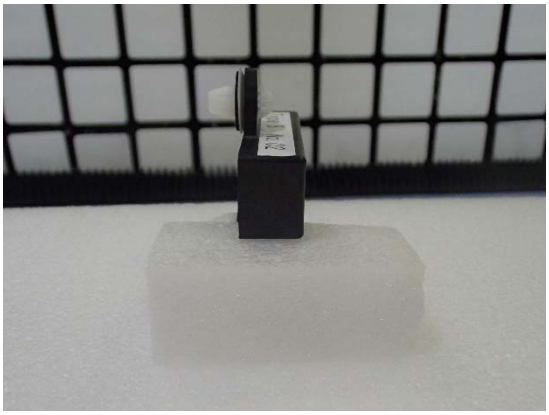
Z-axis

Antenna AND

Below 30 MHz: Y-axis, 0 deg
Above 30 MHz:
Horizontal: X-axis / Vertical: X-axis

X-axis

Y-axis



Z-axis

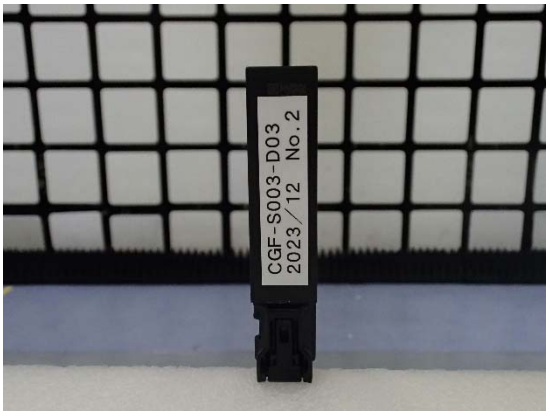
Worst Case Position

Antenna (ANI, ANL)

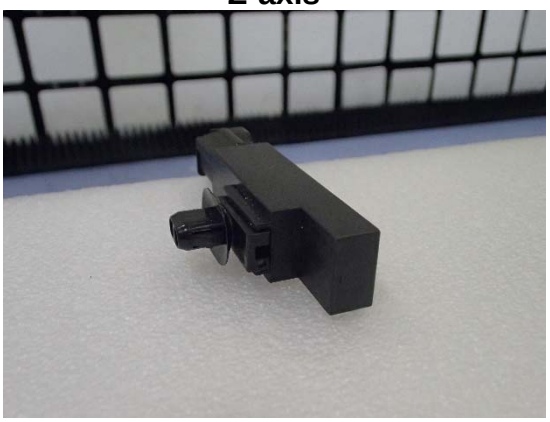
Below 30 MHz: X-axis, 0 deg
Above 30 MHz:
Horizontal: X-axis / Vertical: X-axis

X-axis

Y-axis



Z-axis

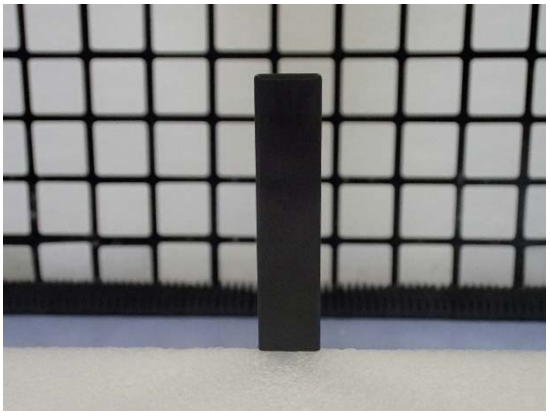


Antenna (ANA, ANB)

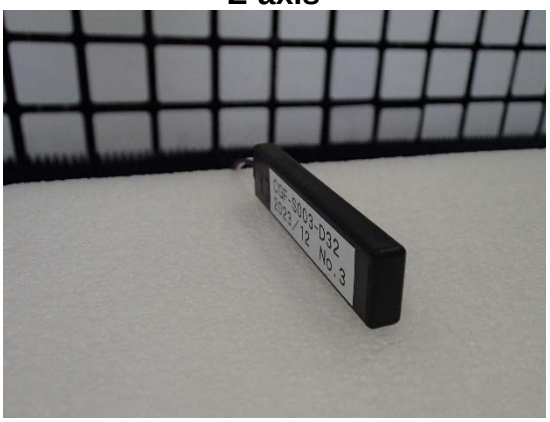
Below 30 MHz: X-axis, 0 deg)
Above 30 MHz:
Horizontal: X-axis / Vertical: X-axis

X-axis

Y-axis



Z-axis



Extreme Condition

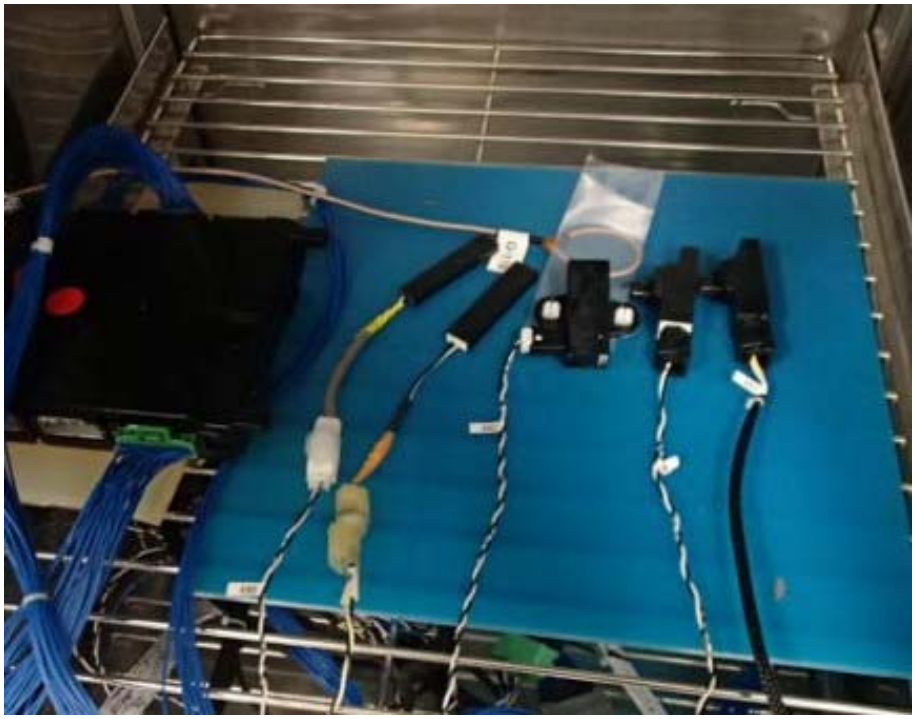


Photo 1

End of Report