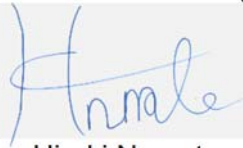
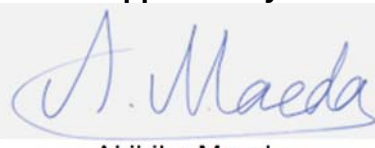


RADIO TEST REPORT

Test Report No. 16269156H-R1

Customer	KYOCERA Document Solutions Inc.
Description of EUT	RFID Module
Model Number of EUT	2ZVA1462
FCC ID	E522ZVA1462
Test Regulation	FCC Part 15 Subpart C
Test Result	Complied
Issue Date	June 17, 2026
Remarks	For Permissive Change Transmitting mode (Tx) (Host) only Conducted Emission, Electric Field Strength of Fundamental Emission, Spectrum Mask and Electric Field Strength of Spurious Emission only

Representative test engineerHiroki Numata
Engineer**Approved by**Akihiko Maeda
Leader

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# 26.0

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- The results in this report apply only to the sample tested. (Laboratory was not involved in sampling.)
- This sample tested is in compliance with the limits of the above regulation.
- The test results in this test report are traceable to the national or international standards.
- This test report must not be used by the customer to claim product certification, approval, or endorsement by the A2LA accreditation body.
- This test report covers Radio technical requirements.
It does not cover administrative issues such as Manual or non-Radio test related Requirements. (if applicable)
- The all test items in this test report are conducted by UL Japan, Inc. Ise EMC Lab.
- The opinions and the interpretations to the result of the description in this report are outside scopes where UL Japan, Inc. has been accredited.
- The information provided by the customer for this report is identified in SECTION 1.
- The laboratory is not responsible for information provided by the customer which can impact the validity of the results.
- 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)	16269156H	April 23, 2026	-
1	16269156H-R1	June 17, 2026	SECTION 4: Delete " * " of Operating mode
1	16269156H-R1	June 17, 2026	APPENDIX 1 Conducted Emission: Excluded due to EMC noise => *1) Addition of " *1) The noises are not caused by components related to operation of the radio apparatus. Regarding the limitations on conducted emissions, this product is a Class A device under FCC Part 15 Subpart B, so Section 15.107(b) Class A for EMC noise and Section 15.207 for radio noise apply. The test results from Report No. 15552694H-A-R2 for the stand-alone module do not exceed the limit required in Section 15.207."

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	KYOCERA Document Solutions Inc.
Address	1-2-28 Tamasukuri, Cyuo-ku, Osaka-shi, Osaka 540-8585 Japan
Telephone Number	+81-6-6764-3333
Contact Person	Yuki Mori

The information provided by the customer is as follows;

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

SECTION 2: Equipment Under Test (EUT)

2.1 Identification of EUT

Description	RFID Module
Model Number	2ZVA1462
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	March 30, 2026
Test Date	April 1 and 9, 2026

2.2 Product Description

General Specification

Rating	RFID Module: DC 3.3 V TASKalfa Pro 55000c: AC 200 V to 240 V, 42 A, 50 / 60 Hz
Operating Temperature	0 deg. C to 50 deg. C

Radio Specification

Equipment Type	Transceiver
Frequency of Operation	13.56 MHz
Type of Modulation	ASK

SECTION 3: Test Summary

3.1 Test Specification

Test Specification	FCC Part 15 Subpart C The latest version on the first day of the testing period
Title	FCC 47CFR Part15 Radio Frequency Device Subpart C Intentional Radiators Section 15.207 Conducted limits Section 15.225 Operation within the band 13.110-14.010 MHz.

3.2 Reference Standards

ANSI/USEMCSC C63.2-2023
ANSI C63.4-2014+C63.4a-2017
ANSI C63.5-2017
ANSI C63.10-2020
ANSI/USEMCSC C63.10/Cor 1-2023
ANSI/USEMCSC C63.10a-2024 (incl. Errata) for ISSED
ANSI C63.25.1-2018

3.3 Summary of Test Results

Item	Specification	Results	Remarks
Conducted Emission	<FCC> Section 15.207 ----- <ISED> RSS-Gen 8.8	Complied	-
Electric Field Strength of Fundamental Emission	<FCC> Section 15.225(a) ----- <ISED> RSS-210 B.6 (a)	Complied	Radiated
Spectrum Mask	<FCC> Section 15.225(b)(c) ----- <ISED> RSS-210 B.6 (a) ----- <ISED> -	Complied	Radiated
Electric Field Strength of Spurious Emission	<FCC> Section 15.209, Section 15.225 (d) ----- <ISED> RSS-210 B.6 (a) RSS-Gen 8.9 ----- <ISED> RSS-210 B.6 (b)	Complied	Radiated

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

FCC Part 15.31 (e)

The stable voltage was supplied by the end product which was required to have a power supply regulator.
Therefore, the EUT complies with the requirement.

FCC Part 15.203/212 Antenna requirement

It is impossible for end users to replace the antenna, because the antenna is mounted inside of the EUT.
Therefore, the equipment complies with the antenna requirement of Section 15.203/212.

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 $k = 2$.

Conducted emission

Item	Frequency range	Unit	Calculated Uncertainty (+/-)
AMN (LISN)	0.15 MHz to 30 MHz	dB	3.4

Radiated emission

Measurement distance	Frequency range		Unit	Calculated Uncertainty (+/-)
3 m	9 kHz to 30 MHz		dB	4.8
10 m			dB	4.7
3 m	30 MHz to 200 MHz	Horizontal	dB	3.8
		Vertical	dB	3.9
	200 MHz to 1000 MHz	Horizontal	dB	3.9
		Vertical	dB	5.3
10 m	30 MHz to 200 MHz	Horizontal	dB	3.8
		Vertical	dB	3.9
	200 MHz to 1000 MHz	Horizontal	dB	3.7
		Vertical	dB	3.7
3 m	1 GHz to 6 GHz		dB	5.1
	6 GHz to 18 GHz		dB	5.5
1 m	6 GHz to 18 GHz		dB	5.5
	18 GHz to 26.5 GHz		dB	5.7
	26.5 GHz to 40 GHz		dB	4.8
0.5 m	18 GHz to 40 GHz		dB	5.8

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 (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	-	-

3.7 Test data, Test instruments, and Test set up

Refer to APPENDIX.

SECTION 4: Operation of EUT during testing

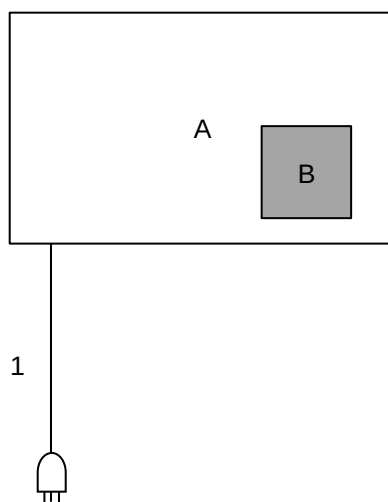
4.1 Operating Mode(s)

The mode is used:

Test mode	Remarks
1) Transmitting mode (Tx)	The EUT Transmits and Receives at the same time and there is no receiving mode.
The EUT was operated in a manner similar to typical use during the tests.	
*Power of the EUT was set by the software as follows; Software: Test FW Version: S2ZV_1S00.XAB.053 (Date: 2026.03.18, Storage location: EUT memory)	
*This setting of software is the worst case. Any conditions under the normal use do not exceed the condition of setting. In addition, end users cannot change the settings of the output power of the product.	
Justification: The system was configured in typical fashion (as a user would normally use it) for testing.	

Test Item	Operating mode
Conducted Emission	Tx Mod on, with Tag
Electric Field Strength of Fundamental Emission	Tx Mod on, with Tag
Spectrum Mask	Tx Mod on, with Tag
Electric Field Strength of Spurious Emission	Tx Mod on, with Tag

4.2 Configuration and peripherals



AC 200 V / 60 Hz

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

* As a result of comparing AC 200 V and AC 240 V at pre-check, conducted emission test was performed with AC 200 V of the worst voltage as representative.

** Although multiple RFID modules can be installed in the Host device, the Host device does not have simultaneous transmission specifications. Therefore, pre-check was conducted for each RFID module, and testing was performed at the module installed position that resulted in the maximum emission.

Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remark
A	Printer	TASKalfa Pro 55000c	ZCQ5300001	KYOCERA Document Solutions Inc.	-
B	RFID Module	2ZVA1462	A-1462-C	KYOCERA Document Solutions Inc.	EUT

List of Cables Used

No.	Name	Length (m)	Shield		Remark
			Cable	Connector	
1	AC Cable	1.0	Unshielded	Unshielded	-

SECTION 5: Conducted Emission

Test Procedure and conditions

EUT was placed on an insulation of 0.1 m above a horizontal ground plane.
EUT was set up typical spacing for the other equipment. EUT was located 80 cm from LISN/AMN and excess AC cable was bundled in center. Each EUT current-carrying power lead, except the ground (safety) lead, was individually connected through a LISN/AMN to the input power source.

For the tests on EUT with other peripherals (as a whole system)

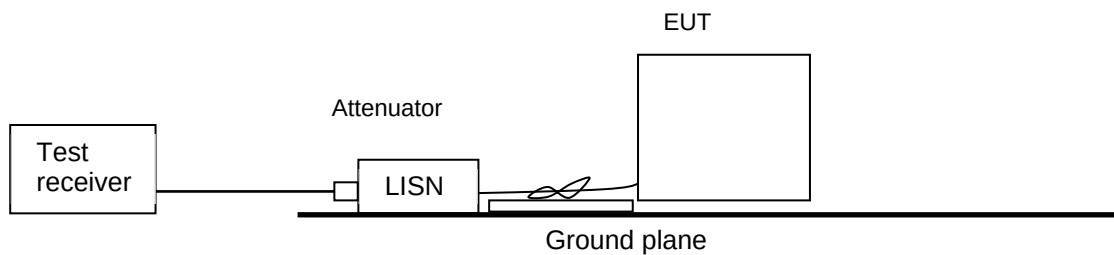
I/O cables that were connected to the peripherals were bundled in center. They were folded back and forth forming a bundle 30 cm to 40 cm long and were hanged at a 40 cm height to the ground plane. All unused 50 ohm connectors of the LISN (AMN) were resistivity terminated in 50 ohm when not connected to the measuring equipment.

The AC Mains Terminal Continuous disturbance Voltage has been measured with the EUT in a Semi Anechoic Chamber.

The EUT was connected to a LISN (AMN).

An overview sweep with peak detection has been performed.

Figure 1: Test Setup



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

Detector	: QP and CISPR AV
Measurement range	: 0.15 MHz to 30 MHz
Test data	: APPENDIX
Test result	: Pass

SECTION 6: Radiated Emission (Fundamental, Spurious Emission and Spectrum Mask)

Test Procedure

EUT was placed the conducting ground plane

The Radiated Electric Field Strength has been measured in a Semi Anechoic Chamber with a ground plane

[Limit conversion]

The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ohms. For example, the measurement at frequency 9 kHz resulted in a level of 45.5 dBuV/m, which is equivalent to $45.5 - 51.5 = -6.0$ dBuA/m, which has the same margin, 3 dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

Frequency: From 9 kHz to 30 MHz]

The EUT was rotated a full revolution in order to obtain the maximum value of the electric field intensity.

The measurements were performed for vertical polarization (antenna angle: 0 deg., 45 deg., 90 deg., and 135 deg.) and horizontal polarization.

*Refer to Figure 3 about Direction of the Loop Antenna.

Although these tests were performed other than open field test site, adequate comparison measurements were confirmed against 30 m open field test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

These tests were performed in semi anechoic chamber. Therefore the measured level of emissions may be higher than if measurements were made without a ground plane. However test results were confirmed to pass against standard limit.

[Frequency: From 30 MHz to 1 GHz]

The measuring antenna height 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.

[Test instruments and test settings]

Frequency	Below 30 MHz	30 MHz to 200 MHz	200 MHz to 1 GHz
Antenna Type	Loop	Biconical	Logperiodic

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

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

Frequency	From 9 kHz to 90 kHz and From 110 kHz to 150 kHz	From 90 kHz to 110 kHz	From 150 kHz to 490 kHz	From 490 kHz to 30 MHz	From 30 MHz to 1 GHz
Instrument used	Test Receiver				
Detector	PK / AV	QP	PK / AV	QP	QP
IF Bandwidth	200 Hz	200 Hz	9 kHz	9 kHz	120 kHz
Test Distance	3 m *1)	3 m *1)	3 m *1)	3 m *2)	3 m

*1) Distance Factor: $40 \times \log (3 \text{ m} / 300 \text{ m}) = -80 \text{ dB}$

*2) Distance Factor: $40 \times \log (3 \text{ m} / 30 \text{ m}) = -40 \text{ dB}$

Figure 2: Test Setup

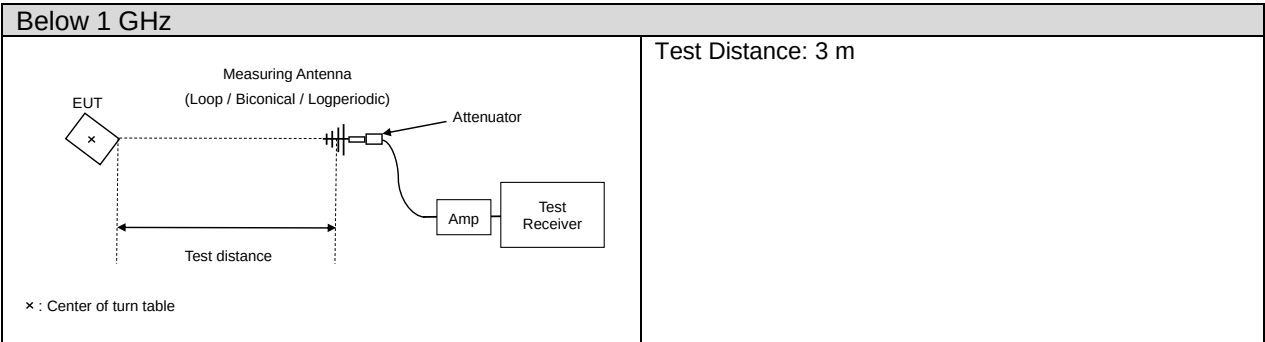
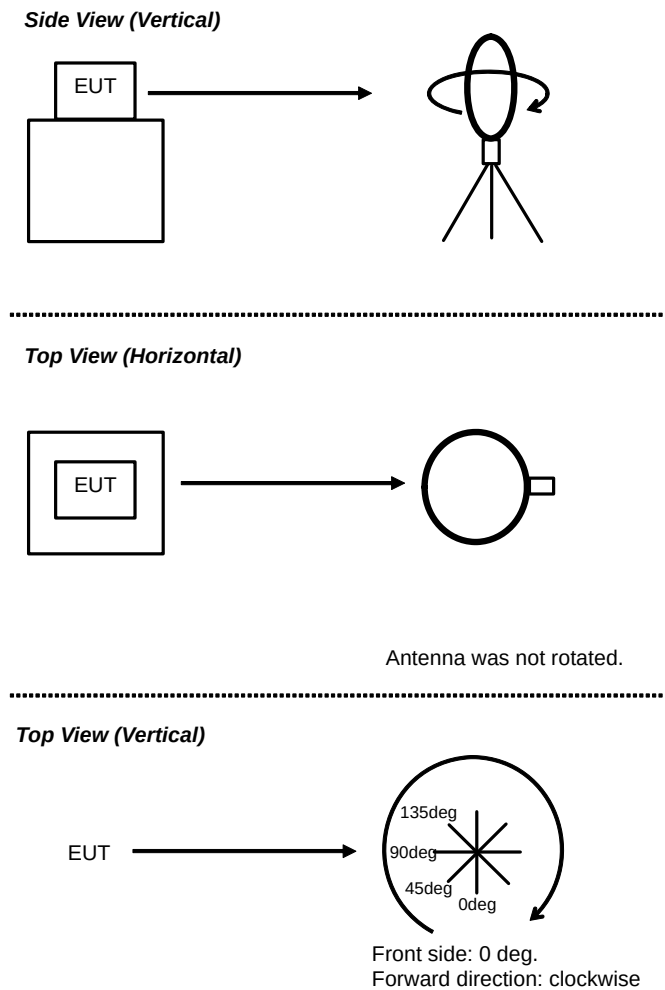


Figure 3: Direction of the Loop Antenna



- 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 host was tested in a normal arrangement.

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

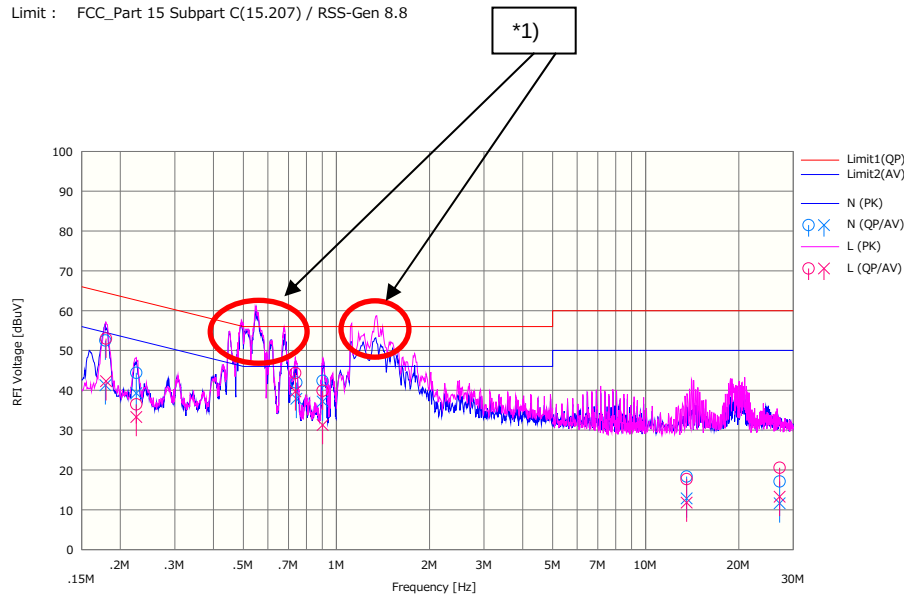
Measurement range : 9 kHz to 1 GHz
Test data : APPENDIX
Test result : Pass

APPENDIX 1: Test data

Conducted Emission

Mode	Mode 1			
Date	Test site	Temperature	Humidity	Engineer
April 1, 2026	Large Chamber	22 deg. C	57 % RH	Hiroki Numata

Limit : FCC_Part 15 Subpart C(15.207) / RSS-Gen 8.8



No.	Freq.	Reading		LISN	LOSS	Results		Limit		Margin		Phase	Comment
		[QP]	[AV]			[QP]	[AV]	[QP]	[AV]	[QP]	[AV]		
	[MHz]	[dBuV]	[dBuV]	[dB]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
1	0.17890	39.30	28.10	0.06	13.12	52.48	41.28	64.54	54.54	12.06	13.26	N	
2	0.22530	31.20	26.10	0.06	13.13	44.39	39.29	62.62	52.62	18.23	13.33	N	
3	0.74250	28.70	24.60	0.06	13.19	41.95	37.85	56.00	46.00	14.05	8.15	N	
4	0.90250	29.10	23.90	0.07	13.21	42.38	37.18	56.00	46.00	13.62	8.82	N	
5	13.56000	4.30	-1.20	0.33	13.72	18.35	12.85	60.00	50.00	41.65	37.15	N	
6	27.12000	2.50	-3.00	0.60	14.01	17.11	11.61	60.00	50.00	42.89	38.39	N	
7	0.17980	39.80	29.10	0.06	13.12	52.98	42.28	64.49	54.49	11.51	12.21	L	
8	0.22530	23.30	20.10	0.06	13.13	36.49	33.29	62.62	52.62	26.13	19.33	L	
9	0.73630	31.10	26.50	0.06	13.19	44.35	39.75	56.00	46.00	11.65	6.25	L	
10	0.90250	26.60	18.00	0.07	13.21	39.88	31.28	56.00	46.00	16.12	14.72	L	
11	13.56000	3.60	-2.30	0.36	13.72	17.68	11.78	60.00	50.00	42.32	38.22	L	
12	27.12000	5.90	-1.40	0.65	14.01	20.56	13.26	60.00	50.00	39.44	36.74	L	

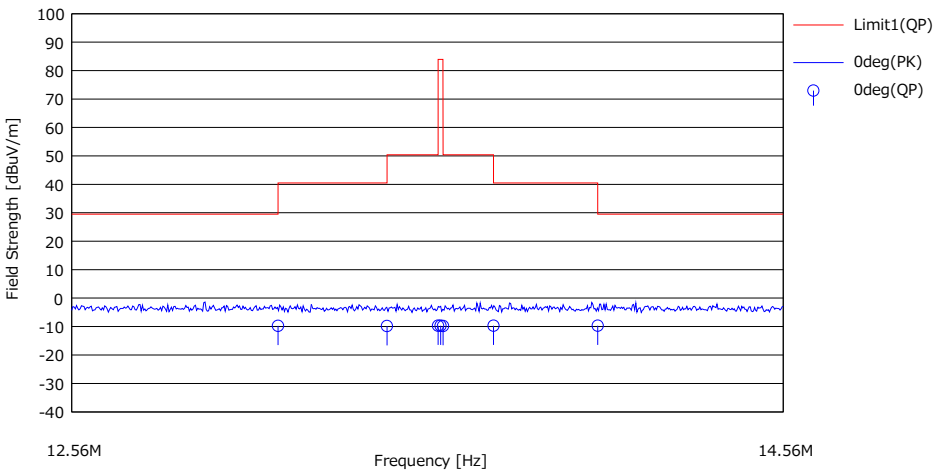
CHART: WITH FACTOR Peak hold data. CALCULATION : RESULT = READING + LISN + LOSS (CABLE + ATT)
Except for the above table: adequate margin data below the limits.

*1) The noises are not caused by components related to operation of the radio apparatus.
Regarding the limitations on conducted emissions, this product is a Class A device under FCC Part 15 Subpart B, so Section 15.107(b) Class A for EMC noise and Section 15.207 for radio noise apply.
The test results from Report No. 15552694H-A-R2 for the stand-alone module do not exceed the limit required in Section 15.207.

Fundamental Emission and Spectrum Mask

Mode	Mode 1			
Date	Test site	Temperature	Humidity	Engineer
April 1, 2026	Large Chamber	22 deg. C	57 % RH	Hiroki Numata

Limit : FCC15.225(a), 9-90kHz:PK, 110-490kHz:PK, other:QP



No.	Freq.	Reading	Ant.Fac	Loss	Gain	Result	Limit	Margin	Antenna	Table	Comment
	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]			
1	13.11000	35.80	19.94	-33.29	32.21	-9.76	29.50	39.26	0deg	289	
2	13.41000	35.70	19.95	-33.28	32.21	-9.84	40.50	50.34	0deg	289	
3	13.55300	35.80	19.96	-33.28	32.21	-9.73	50.40	60.13	0deg	289	
4	13.56000	35.80	19.96	-33.28	32.21	-9.73	83.90	93.63	0deg	289	
5	13.56700	35.70	19.96	-33.28	32.21	-9.83	50.40	60.23	0deg	289	
6	13.71000	35.80	19.96	-33.27	32.21	-9.72	40.50	50.22	0deg	289	
7	14.01000	35.80	19.97	-33.26	32.21	-9.70	29.50	39.20	0deg	289	

RESULT = READING + ANT FACTOR + LOSS (CABLE + Attenuator + Distance Factor*) - GAIN(AMP))
*) Distance Factor: 40 x log (3 m / 30 m) = -40 dB

Result of the fundamental Emission at 3 m without Distance factor

QP											
Ant Deg [deg]	Frequency	Detector	Reading	Ant Factor	Loss	Gain	Duty Factor	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
0	13.56000	QP	35.80	19.96	6.72	32.21	-	30.27	-	-	Fundamental

Result = Reading + Ant Factor + Loss (Cable+Attenuator) - Gain(Amplifier)

Spurious Emission

Mode	Mode 1
------	--------

Date	Test site	Temperature	Humidity	Engineer
April 1, 2026	Large Chamber	22 deg. C	57 % RH	Hiroki Numata
April 9, 2026	Large Chamber	24 deg. C	39 % RH	Hiroki Numata

PK or QP

Ant Deg [deg] or Polarity [Hori/Vert]	Frequency [MHz]	Detector	Reading [dBuV]	Ant Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
0deg	27.120	QP	33.80	20.56	-32.94	32.20	-	-10.78	29.5	40.28	
Hori.	47.256	QP	24.60	12.40	7.42	32.15	-	12.27	40.0	27.73	
Hori.	93.637	QP	28.10	9.33	8.04	32.11	-	13.36	43.5	30.16	
Hori.	126.837	QP	26.40	13.53	8.40	32.07	-	16.26	43.5	27.26	
Hori.	664.440	QP	30.40	19.29	11.74	31.99	-	29.44	46.0	16.58	
Hori.	705.120	QP	29.00	20.00	11.92	31.96	-	28.96	46.0	17.06	
Hori.	745.800	QP	31.20	20.09	12.11	31.73	-	31.67	46.0	14.35	
Vert.	47.256	QP	27.40	12.40	7.42	32.15	-	15.07	40.0	24.93	
Vert.	93.637	QP	28.60	9.33	8.04	32.11	-	13.86	43.5	29.66	
Vert.	126.837	QP	31.30	13.53	8.40	32.07	-	21.16	43.5	22.36	
Vert.	664.440	QP	28.20	19.29	11.74	31.99	-	27.24	46.0	18.78	
Vert.	705.120	QP	28.20	20.00	11.92	31.96	-	28.16	46.0	17.86	
Vert.	745.800	QP	30.30	20.09	12.11	31.73	-	30.77	46.0	15.25	

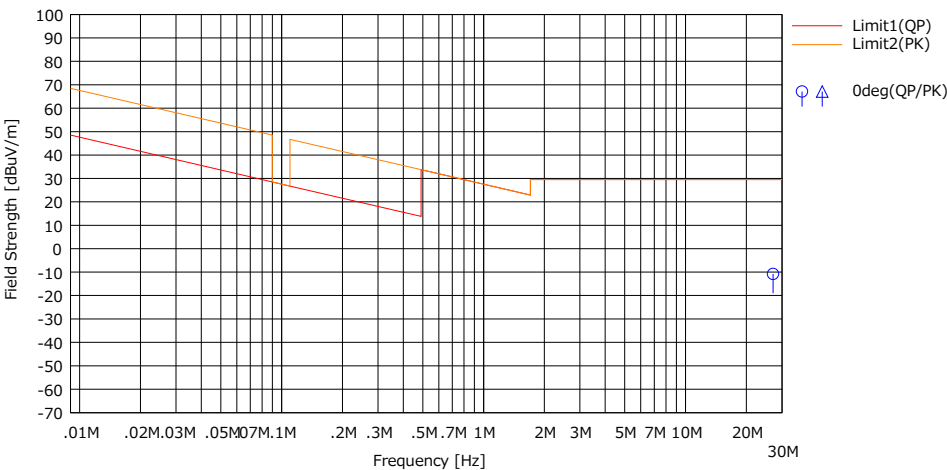
Result = Reading + Ant Factor + Loss (Cable + Attenuator + D.Factor) - Gain(Amplifier)

Radiated Spurious Emission
(Plot data, Worst case for Spurious Emission)

Mode	Mode 1			
Date	Test site	Temperature	Humidity	Engineer
April 1, 2026	Large Chamber	22 deg. C	57 % RH	Hiroki Numata
April 9, 2026	Large Chamber	24 deg. C	39 % RH	Hiroki Numata

(below 30 MHz)

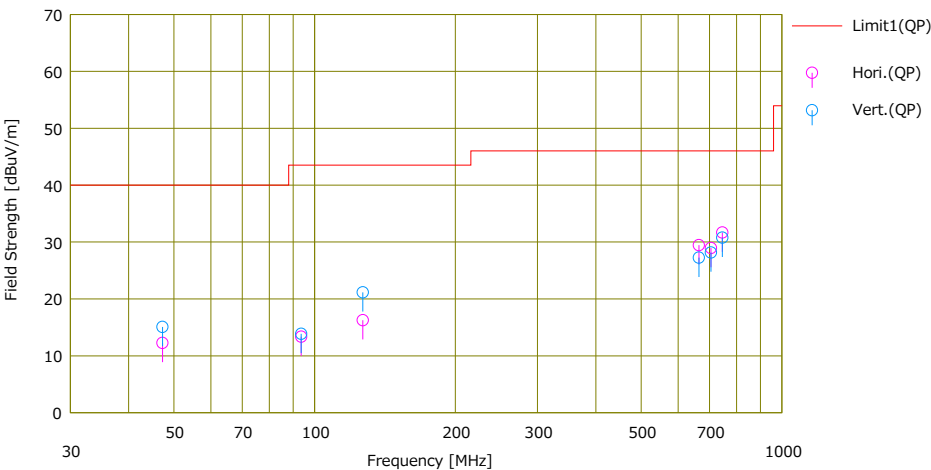
Limit : FCC15.209(a), 9-90kHz:PK, 110-490kHz:PK, other:QP



* Data above 490 kHz were measured using a QP detector.

(above 30 MHz)

Limit : FCC15.209 3 m, below 1 GHz:QP, above 1 GHz:AV/PK
Engineer : Hiroki Numata



*These plots data contains sufficient number to show the trend of characteristic features for EUT.

APPENDIX 2: Test instruments

Test Equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
CE	141357	LISN(AMN)	Schwarzbeck Mess-Elektronik OHG	NSLK8127	8127-729	12/04/2025	12
CE	141950	EMI Test Receiver	Rohde & Schwarz	ESU26	100412	01/05/2026	12
CE	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
CE	182498	Attenuator	JFW	50FP-013-H2	1843	12/02/2025	12
CE	199067	Digital Multimeter	SANWA	PC7000	19105100121	06/25/2025	12
CE	199070	Measure	SHINWA	80814	004	-	-
CE	199212	Microwave Cable	Huber+Suhner	S04272B/RFM-E721/Sucofeed/SF106	-	10/17/2025	12
CE	199242	Semi-Anechoic Chamber	Riken Environmental System	Large Chamber	1	03/28/2025	24
CE	221241	Thermo-Hygrometer	Mother tool	MHB-382SD	55534	07/28/2025	12
RE	141265	Logperiodic Antenna(200-1000MHz)	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	9111B-190	07/22/2025	12
RE	141427	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHA9103B+BBA9106	08031	07/22/2025	12
RE	141582	Pre Amplifier	SONOMA INSTRUMENT	310	260834	02/06/2026	12
RE	141950	EMI Test Receiver	Rohde & Schwarz	ESU26	100412	01/05/2026	12
RE	146757	EMI Test Receiver	Rohde & Schwarz	ESW26	101277	08/05/2025	12
RE	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	198749	Terminator	Bird	8890-300	200100058	-	-
RE	199067	Digital Multimeter	SANWA	PC7000	19105100121	06/25/2025	12
RE	199070	Measure	SHINWA	80814	004	-	-
RE	199211	Microwave Cable	Huber+Suhner	S04272B/RFM-E721/RG223/Sucofeed/SF106	-	10/17/2025	12
RE	199212	Microwave Cable	Huber+Suhner	S04272B/RFM-E721/Sucofeed/SF106	-	10/17/2025	12
RE	199242	Semi-Anechoic Chamber	Riken Environmental System	Large Chamber	1	03/28/2025	24
RE	207745	Coaxial Cable	UL-ISE	-	-	03/17/2026	12
RE	221241	Thermo-Hygrometer	Mother tool	MHB-382SD	55534	07/28/2025	12
RE	252514	Active Loop Antenna	Schwarzbeck Mess-Elektronik OHG	FMZB 1519-60 D	1519-60 D-067	10/14/2025	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:

CE: Conducted Emission

RE: Radiated Emission