

RADIO TEST REPORT

Test Report No. 16037257S-D-R1

Customer	Canon Inc.
Description of EUT	Digital Camera
Model Number of EUT	DS126933
FCC ID	AZD260
Test Regulation	FCC Part 15 Subpart E
Test Result	Complied
Issue Date	December 9, 2025
Remarks	WLAN (5 GHz band) part Conducted Emission and Radiated Spurious Emission Only *Spot check This product employs a module that has been previously certified under FCC ID AZD241, as documented in Appendix 4.

Representative Test EngineerTakayuki Kobayashi
Engineer**Approved By**Toyokazu Imamura
Engineer

CERTIFICATE 1266.03

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

Report Cover Page - Form-ULID-003532 (DCS:13-EM-F0429) Issue# 25.0

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- 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)	16037257S-D	October 27, 2025	-
1	16037257S-D-R1	December 9, 2025	Update of Remarks on the cover page and the table in 4.1: From "Appendix" to "Appendix 4" Update of Appendix 4

Reference: Abbreviations (Including words undescribed in this report)

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

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SECTION 1: Customer Information

Company Name	Canon Inc.
Address	30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501 Japan
Telephone Number	+81-3-5482-8070
Contact Person	Sho Tanaka

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	Digital Camera
Model Number	DS126933
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	May 9, 2025
Test Date	May 23 to June 4, 2025

2.2 Product Description

General Specification

Rating	DC 7.2 V (Li-ion Battery) DC 9 V / 15 V (AC Adapter [USB PD]) DC 10 V (DC Coupler)
Operating temperature	0 deg. C to +40 deg. C

Radio Specification

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

Wireless LAN Bluetooth Combo Module	ES204
-------------------------------------	-------

WLAN (IEEE802.11b/11g/11n-20/n-40)

Equipment Type	Transceiver	
Frequency of Operation	20 MHz Band	2412 MHz to 2462 MHz
	40 MHz Band	2422 MHz to 2452 MHz
Type of Modulation	DSSS, OFDM	
Antenna Type	Printed on the PCB	
Antenna Gain ^{a)} : G _{ANT}	2.98 dBi (*including cable loss)	

WLAN (IEEE802.11a/11n-20/11ac-20/11n-40/11ac-40/11ac-80)

Equipment Type	Transceiver	
Frequency of Operation	20 MHz Band:	5180 MHz to 5240 MHz 5260 MHz to 5320 MHz 5500 MHz to 5700 MHz 5745 MHz to 5825 MHz
	40 MHz Band:	5190 MHz to 5230 MHz 5270 MHz to 5310 MHz 5510 MHz to 5670 MHz 5755 MHz to 5795 MHz
	80 MHz Band:	5210 MHz 5290 MHz 5530 MHz to 5610 MHz 5775 MHz
Type of Modulation	OFDM	
Antenna Gain *a)	4.94 dBi	

(*excluding 5600 to 5650 MHz)

Bluetooth (Low Energy)

Equipment Type	Transceiver
Frequency of Operation	2402 MHz to 2480 MHz
Type of Modulation	GFSK
Antenna Gain *a)	2.98 dBi

SECTION 3: Test Summary

3.1 Test Specification

Test Specification	FCC Part 15 Subpart E The latest version on the first day of the testing period
Title	FCC 47 CFR Part 15 Radio Frequency Device Subpart E Unlicensed National Information Infrastructure Devices Section 15.407 General technical requirements

3.2 Reference Standards

ANSI/USEMCSC C63.2-2023
ANSI C63.4-2014+C63.4a-2017
ANSI C63.10-2020
ANSI/USEMCSC C63.10/Cor 1-2023
ANSI/USEMCSC C63.10a-2024 for ISED
ANSI C63.5-2017
ANSI C63.25.1-2018
RSS-Gen Issue 5/Amendment 1/Amendment 2 for ISED
KDB 789033 D02 v02r01

3.3 Summary of Test Results

Item	Specification	Results	Remarks
Conducted Emission	FCC: 15.407 (b) (9) / 15.207 ISED: RSS-Gen 8.8	Complied	-
Spurious Emission Restricted Band Edge	FCC: 15.407 (b), 15.205 and 15.209 ISED: RSS-247 7.3	Complied	Radiated
Note: UL Japan, Inc.'s EMI Work Procedures: Work Instructions-ULID-003591 and Work Instructions-ULID-003593.			

FCC Part 15.31 (e)

This EUT provides stable voltage constantly to RF part regardless of input voltage.
Therefore, this EUT complies with the requirement.

FCC Part 15.203 Antenna requirement

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

3.4 Addition to Standard

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

3.5 Uncertainty

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

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

Item	Frequency range	Uncertainty (+/-)
Conducted Emission (AC Mains) LISN	150 kHz to 30 MHz	3.0 dB
Radiated Emission (Measurement distance: 3 m)	9 kHz to 30 MHz	3.3 dB
	30 MHz to 200 MHz	4.8 dB
	200 MHz to 1 GHz	6.1 dB
	1 GHz to 6 GHz	4.7 dB
	6 GHz to 18 GHz	5.3 dB
	18 GHz to 40 GHz	5.5 dB
Radiated Emission (Measurement distance: 1 m)	1 GHz to 18 GHz	5.6 dB
	18 GHz to 40 GHz	5.8 dB

3.6 Test Location

UL Japan, Inc. Shonan EMC Lab.
1-22-3, Megumigaoka, Hiratsuka-shi, Kanagawa-ken 259-1220 Japan
Telephone: +81-463-50-6400
A2LA Certificate Number: 1266.03
(FCC test firm registration number: 626366, ISED lab company number: 2973D / CAB identifier: JP0001)

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

3.7 Test Data, Test Instruments, and Test Set Up

Refer to APPENDIX.

SECTION 4: Operation of EUT during testing

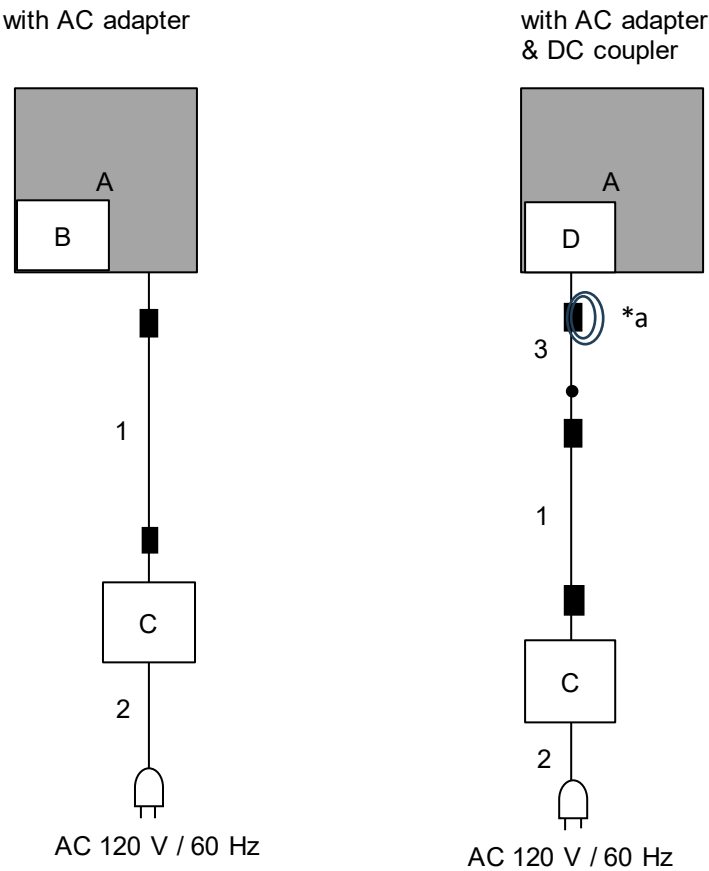
4.1 Operating Mode(s)

Mode	Remarks*
IEEE 802.11a (11a)	54 Mbps, PN9
IEEE 802.11n 20 MHz BW (11n-20)	MCS 4, PN9
IEEE 802.11n 40 MHz BW (11n-40)	MCS 7, PN9
IEEE 802.11ac 20 MHz BW (11ac-20)	MCS 4, PN9
IEEE 802.11ac 40 MHz BW (11ac-40)	MCS 8, PN9
IEEE 802.11ac 80 MHz BW (11ac-80)	MCS 8, PN9
*Transmitting duty was 100 % on all tests.	
*The worst condition was determined based on the test result of Maximum Peak Output Power. (Refer to Appendix 4)	
*Power of the EUT was set by the software as follows; Power Setting: 11a : 7 dBm(5180-5320 MHz), 8 dBm(5500-5700 MHz), 9 dBm(5745-5825 MHz) 11n-20/11n-40/11ac-20/11ac-40/11ac-80 : 6 dBm(5180-5320 MHz), 7 dBm(5500-5700 MHz), 8 dBm(5745-5825 MHz) Software: RF Test Ver.3.3.0.001E(07) (Date: 2025.05.09, 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.	
Test operating mode was determined as follows according to "Section 1 of 6 802.11 a/b/g/n testing - Managing Complex Regulatory Approvals - " of TCB Council Workshop October 2009 and also was judged the necessity of 802.11ac/ax mode by the pre-test.	

*The Details of Operation Mode(s)

Test Item	Operating Mode	Tested Frequency			
		Lower Band	Middle Band	Additional Band	Upper Band
Conducted emission, Radiated Spurious Emission (Below 1 GHz)	Tx 11a *1), Tx 11a + BT LE 2M-PHY 2402 MHz	5180 MHz	-	-	-
Radiated Spurious Emission (Above 1 GHz)	Tx 11a, Tx 11n-20, Tx 11ac-20	5180 MHz	5320 MHz	5500 MHz 5700 MHz	5745 MHz 5825 MHz
	Tx 11a + BT LE 2M-PHY 2402 MHz	5180 MHz	-	-	-
	Tx 11n-40, Tx 11ac-40	5190 MHz	5310 MHz	5510 MHz 5670 MHz	5755 MHz 5795 MHz
	Tx 11ac-80	5210 MHz	5290 MHz	5530 MHz 5610 MHz	5775 MHz
	Tx 11ac-80 + BT LE 2M-PHY 2402 MHz	5210 MHz	-	-	-
*1) The mode was tested as a representative, because it had the highest power at antenna terminal test.					

4.2 Configuration and Peripherals



■ : Standard Ferrite Core

*a) Ferrite Core Model No. ZCAT2032-0930(Manufacture: TDK) 15 cm from Item D, 3 turns.

* 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	Digital Camera	DS126933	256	Canon Inc.	EUT
B	Battery Pack	LP-E6P	-	Canon Inc.	-
C	USB Power Adapter	PD-E2	-	Canon Inc.	-
D	DC Coupler	DR-E6P	-	Canon Inc.	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	USB	1.8	Shielded	Shielded	Supplied with the EUT when marketed
2	AC	1.9	Unshielded	Unshielded	-
3	USB	1.2	Shielded	Shielded	Supplied with the EUT when marketed

SECTION 5: Conducted Emission

Test Procedure and Conditions

EUT was placed on a platform of nominal size, 1.0 m by 1.5 m, raised 0.8 m above the conducting ground plane. The rear of the platform was located 0.4 m to the vertical ground plane. The rear of EUT and its peripherals was aligned and flushed with rear of the platform. All other surfaces of the platform were at least 0.8 m from any other grounded conducting surface. EUT was located 80cm from a Line Impedance Stabilization Network (LISN) / Artificial mains Network (AMN) and excess AC cable was bundled in center.

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 Shielded room.

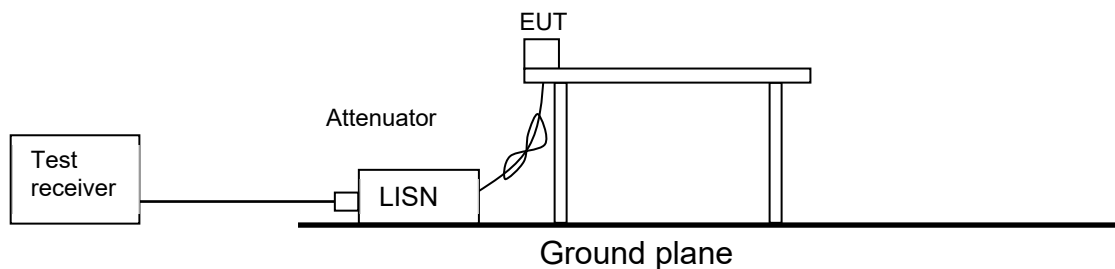
The EUT was connected to a LISN (AMN).

An overview sweep with peak detection has been performed.

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

Detector	: QP and CISPR Average
Measurement Range	: 0.15 MHz to 30 MHz
Test Data	: APPENDIX
Test Result	: Pass

Figure 1: Test Setup



SECTION 6: Radiated Spurious Emission and Band Edge Compliance

Test Procedure

< Below 1 GHz >

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

< Above 1 GHz >

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

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

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

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

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

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

< Below 1 GHz >

The result also satisfied with the general limits specified in RSS-Gen.

< Above 1 GHz >

Inside of restricted bands:

Apply to limit in RSS-Gen.

Outside of the restricted bands:

Apply to limit 68.2 dBuV/m, 3 m (-27 dBm e.i.r.p.*) in RSS-247.

For 5.8 GHz band Bandedge

-27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge in RSS-247.

Restricted band edge:

Apply to limit in RSS-Gen.

Since this limit is severer than the limit of the inside of restricted bands.

*Electric field strength to e.i.r.p. conversion:

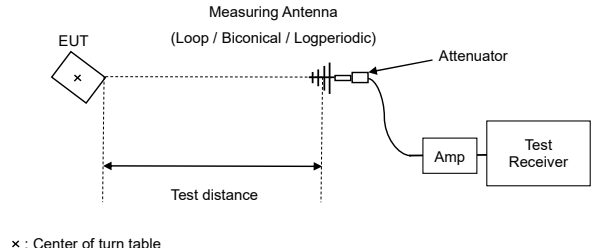
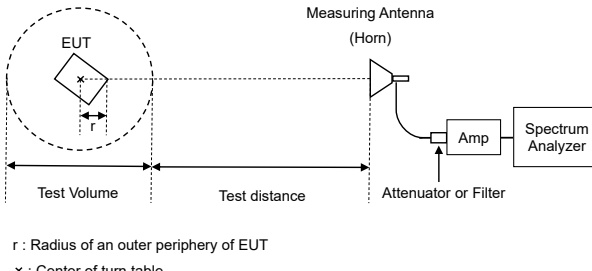
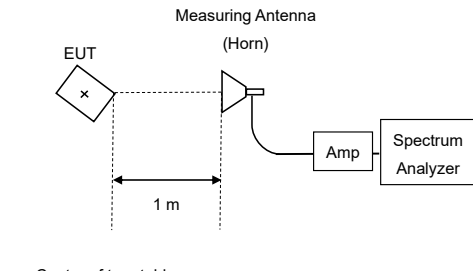
$$E = \frac{1000000\sqrt{30P}}{3} \text{ (uV/m)} \quad : P \text{ is the e.i.r.p. (Watts)}$$

Test Antennas are used as below;

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

Frequency	Below 1 GHz	Above 1 GHz	
Instrument Used	Test Receiver	Spectrum Analyzer	
Detector	QP	Peak	Average
IF Bandwidth	BW: 120 kHz	RBW: 1 MHz VBW: 3 MHz	Method AD RBW: 1 MHz VBW: 3 MHz Detector: Power Averaging (RMS) Trace: ≥ 100 traces If duty cycle was less than 98%, a duty factor was added to the results.

Figure 2: Test Setup

Below 1 GHz	
 × : Center of turn table	Test Distance: 3 m
1 GHz to 10 GHz	
 r : Radius of an outer periphery of EUT × : Center of turn table	Distance Factor: $20 \times \log (3.93 \text{ m}^* / 3.0 \text{ m}) = 2.35 \text{ dB}$ $*(\text{Test Distance} + \text{SVSWR Volume} / 2) - r = 3.93 \text{ m}$ Test Distance: 3 m SVSWR Volume: 2 m (SVSWR Volume has been calibrated based on CISPR 16-1-4.) r: 0.07 m
10 GHz to 40 GHz	
 × : Center of turn table	Distance Factor: $20 \times \log (1.0 \text{ m} / 3.0 \text{ m}) = -9.54 \text{ dB}$ $*\text{Test Distance: 1 m}$

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

WLAN, WLAN + Bluetooth (Low Energy)

Antenna polarization	Carrier	Spurious (30 MHz to 1 GHz)	Spurious (1 GHz to 6.4 GHz)	Spurious (6.4 GHz to 10 GHz)	Spurious (10 GHz to 18 GHz)	Spurious (18 GHz to 26.5 GHz)	Spurious (18 GHz to 40 GHz)
Horizontal	Y Open *AC	X Close *DC	Y Open *AC	Y Open *AC	Y Open *AC	Y Open *AC	X Open *AC
Vertical	X Open *AC	Y Close *DC	X Open *AC	X Open *AC	X Open *AC	Y Open *AC	X Open *AC

*AC: with AC adapter

*DC: with AC adapter & DC coupler

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

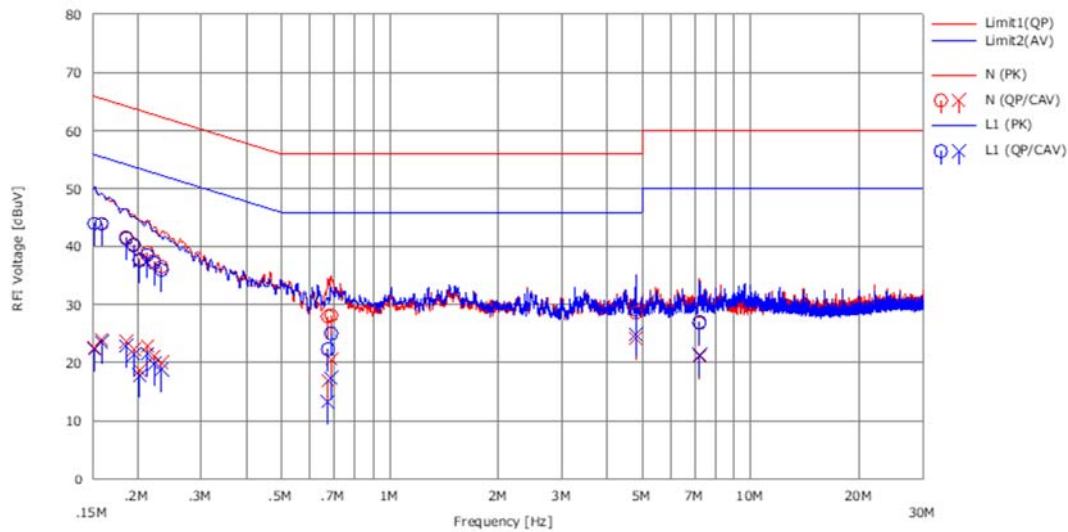
Measurement Range : 30 MHz to 40 GHz
 Test Data : APPENDIX
 est Result : Pass

APPENDIX 1: Test Data

Conducted Emission

Mode	Tx 11a 5180 MHz with AC adapter			
Date	Test site	Temperature	Humidity	Engineer
June 4, 2025	SR3	25 deg. C	53 % RH	Takayuki Kobayashi

Limit : FCC_Part 15 subpart C(15.207)



No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		(QP)	(CAV)		(QP)	(CAV)	(QP)	(AV)	(QP)	(AV)		
		[dBuV]	[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
1	0.15204	28.59	7.13	15.40	43.99	22.53	65.89	55.89	21.9	33.3	II	
2	0.15898	28.59	8.53	15.40	43.99	23.93	65.52	55.52	21.5	31.5	II	
3	0.18597	26.11	8.27	15.41	41.52	23.68	64.21	54.21	22.6	30.5	II	
4	0.19492	24.90	6.89	15.41	40.31	22.30	63.82	53.82	23.5	31.5	II	
5	0.20284	22.35	3.18	15.41	37.76	18.59	63.49	53.49	25.7	34.9	II	
6	0.21298	23.45	7.39	15.42	38.87	22.81	63.09	53.09	24.2	30.2	II	
7	0.22235	22.07	5.63	15.42	37.49	21.05	62.73	52.73	25.2	31.6	II	
8	0.23322	21.06	4.64	15.41	36.47	20.05	62.33	52.33	25.8	32.2	II	
9	0.67404	12.49	1.42	15.45	27.94	16.87	56.00	46.00	28.0	29.1	II	
10	0.68753	12.68	5.15	15.45	28.13	20.60	56.00	46.00	27.8	25.4	II	
11	4.81124	12.87	8.53	15.68	28.55	24.21	56.00	46.00	27.4	21.7	II	
12	7.21664	11.02	5.25	15.78	26.80	21.03	60.00	50.00	33.2	28.9	II	
13	0.15204	28.57	6.96	15.40	43.97	22.36	65.89	55.89	21.9	33.5	L1	
14	0.15898	28.45	8.15	15.41	43.86	23.56	65.52	55.52	21.6	31.9	L1	
15	0.18597	25.93	7.48	15.41	41.34	22.89	64.21	54.21	22.8	31.3	L1	
16	0.19492	24.73	6.03	15.40	40.13	21.43	63.82	53.82	23.6	32.3	L1	
17	0.20284	22.13	2.44	15.39	37.52	17.83	63.49	53.49	25.9	35.6	L1	
18	0.21298	23.09	6.05	15.41	38.50	21.46	63.09	53.09	24.5	31.6	L1	
19	0.22235	21.69	4.37	15.41	37.10	19.78	62.73	52.73	25.6	32.9	L1	
20	0.23322	20.53	3.37	15.42	35.95	18.79	62.33	52.33	26.3	33.5	L1	
21	0.67404	6.87	-2.16	15.45	22.32	13.29	56.00	46.00	33.6	32.7	L1	
22	0.68753	9.56	1.87	15.45	25.01	17.32	56.00	46.00	30.9	28.6	L1	
23	4.81124	13.43	9.21	15.67	29.10	24.88	56.00	46.00	26.9	21.1	L1	
24	7.21664	11.19	5.61	15.76	26.95	21.37	60.00	50.00	33.0	28.6	L1	

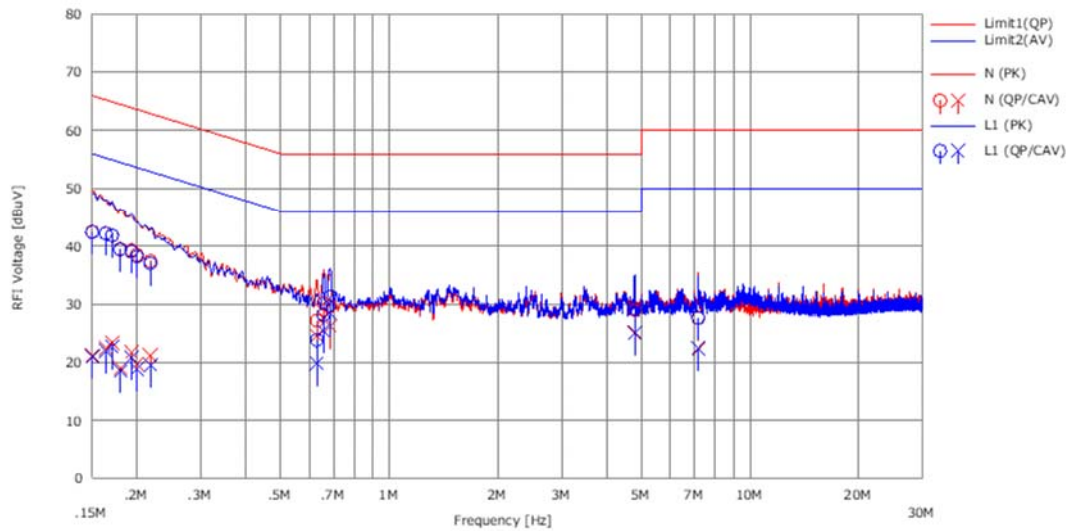
Calculation : Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]
LISN(AMN) : LIMS ID= 145542

Conducted Emission

Mode	Tx 11a 5180 MHz with DC coupler			
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Date	Test site	Temperature	Humidity	Engineer
June 4, 2025	SR3	25 deg. C	53 % RH	Takayuki Kobayashi

Limit : FCC_Part 15 subpart C(15.207)



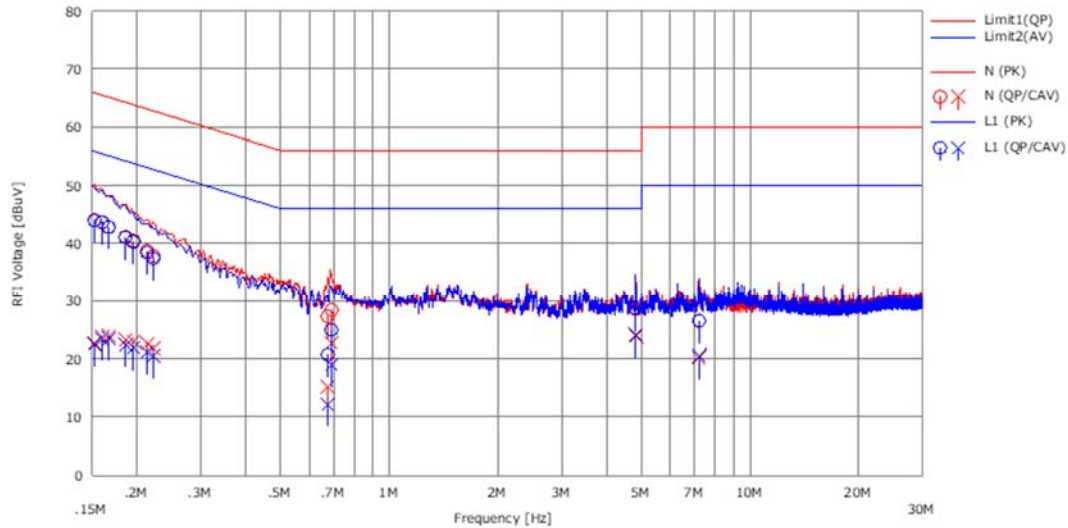
No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		<QP> [dBuV]	<CAV> [dBuV]		<QP> [dBuV]	<CAV> [dBuV]	<QP> [dBuV]	<AV> [dBuV]	<QP> [dB]	<AV> [dB]		
1	0.15000	27.05	5.80	15.40	42.45	21.20	66.00	56.00	23.5	34.8	II	
2	0.16350	26.76	7.02	15.40	42.16	22.42	65.28	55.28	23.1	32.8	II	
3	0.17024	26.43	7.83	15.40	41.83	23.23	64.95	54.95	23.1	31.7	II	
4	0.17924	24.03	3.60	15.40	39.43	19.00	64.52	54.52	25.0	35.5	II	
5	0.19273	23.83	6.42	15.41	39.24	21.83	63.92	53.92	24.6	32.0	II	
6	0.19948	23.04	4.39	15.41	38.45	19.80	63.63	53.63	25.1	33.8	II	
7	0.21747	21.94	5.83	15.42	37.36	21.25	62.92	52.92	25.5	31.6	II	
8	0.62906	11.69	9.01	15.45	27.14	24.46	56.00	46.00	28.8	21.5	II	
9	0.65605	14.73	12.22	15.45	30.18	27.67	56.00	46.00	25.8	18.3	II	
10	0.68305	14.11	10.69	15.45	29.56	26.14	56.00	46.00	26.4	19.8	II	
11	4.79099	13.24	9.33	15.68	28.92	25.01	56.00	46.00	27.0	20.9	II	
12	7.18170	11.77	6.54	15.78	27.55	22.32	60.00	50.00	32.4	27.6	II	
13	0.15000	26.98	5.63	15.40	42.38	21.03	66.00	56.00	23.6	34.9	LI	
14	0.16350	26.72	6.59	15.42	42.14	22.01	65.28	55.28	23.1	33.2	LI	
15	0.17024	26.35	7.23	15.43	41.78	22.66	64.95	54.95	23.1	32.2	LI	
16	0.17924	23.96	3.14	15.42	39.38	18.56	64.52	54.52	25.1	35.9	LI	
17	0.19273	23.62	5.42	15.40	39.02	20.82	63.92	53.92	24.9	33.1	LI	
18	0.19948	22.77	3.53	15.39	38.16	18.92	63.63	53.63	25.4	34.7	LI	
19	0.21747	21.59	4.13	15.41	37.00	19.54	62.92	52.92	25.9	33.3	LI	
20	0.62906	8.33	4.36	15.45	23.78	19.81	56.00	46.00	32.2	26.1	LI	
21	0.65605	12.63	9.92	15.45	28.08	25.37	56.00	46.00	27.9	20.6	LI	
22	0.68305	15.85	12.94	15.45	31.30	28.39	56.00	46.00	24.7	17.6	LI	
23	4.79099	13.50	9.42	15.67	29.17	25.09	56.00	46.00	26.8	20.9	LI	
24	7.18050	11.85	6.67	15.76	27.61	22.43	60.00	50.00	32.3	27.5	LI	

Calculation : Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN))+Cable+ATT[dB]
LISN(AMN) : LIMS ID= 145542

Conducted Emission

Mode	Tx 11a 5180 MHz + Tx BT LE 2M-PHY 2402 MHz with AC adapter			
Date	Test site	Temperature	Humidity	Engineer
June 4, 2025	SR3	25 deg. C	53 % RH	Takayuki Kobayashi

Limit : FCC_Part 15 subpart C(15.207)



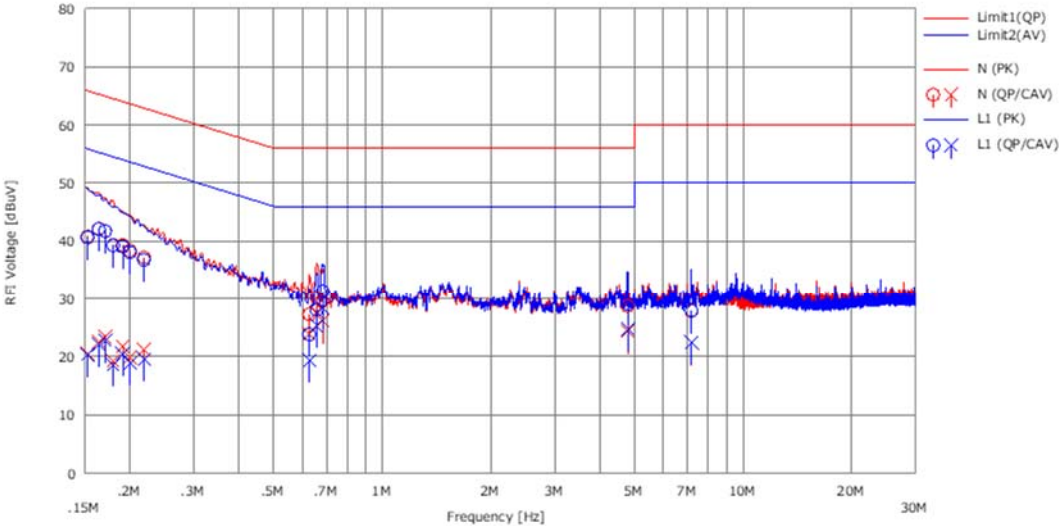
No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		(QP)	(CAV)		(QP)	(CAV)	(QP)	(AV)	(QP)	(AV)		
		[dBuV]	[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
1	0.15225	28.62	7.22	15.40	44.02	22.62	65.88	55.88	21.8	33.2	II	
2	0.15976	28.28	8.34	15.40	43.68	23.74	65.48	55.48	21.8	31.7	II	
3	0.16646	27.42	8.44	15.40	42.82	23.84	65.14	55.14	22.3	31.3	II	
4	0.18563	25.73	7.82	15.41	41.14	23.23	64.23	54.23	23.0	31.0	II	
5	0.19506	25.07	7.49	15.41	40.48	22.90	63.82	53.82	23.3	30.9	II	
6	0.21298	23.29	7.09	15.42	38.71	22.51	63.09	53.09	24.3	30.5	II	
7	0.22197	22.38	6.29	15.42	37.80	21.71	62.74	52.74	24.9	31.0	II	
8	0.67434	11.82	-0.38	15.45	27.27	15.07	56.00	46.00	28.7	30.9	II	
9	0.69034	12.92	7.29	15.45	28.37	22.74	56.00	46.00	27.6	23.2	II	
10	4.81367	12.80	8.13	15.68	28.48	23.81	56.00	46.00	27.5	22.1	II	
11	7.21430	10.67	4.34	15.78	26.45	20.12	60.00	50.00	33.5	29.8	II	
12	0.15225	28.53	7.01	15.40	43.93	22.41	65.88	55.88	21.9	33.4	L1	
13	0.15976	28.17	7.96	15.41	43.58	23.37	65.48	55.48	21.9	32.1	L1	
14	0.16646	27.37	7.98	15.42	42.79	23.40	65.14	55.14	22.3	31.7	L1	
15	0.18563	25.61	6.99	15.41	41.02	22.40	64.23	54.23	23.2	31.8	L1	
16	0.19506	24.89	6.44	15.40	40.29	21.84	63.82	53.82	23.5	31.9	L1	
17	0.21298	22.98	5.72	15.41	38.39	21.13	63.09	53.09	24.7	31.9	L1	
18	0.22197	22.01	5.04	15.41	37.42	20.45	62.74	52.74	25.3	32.2	L1	
19	0.67434	5.23	-3.33	15.45	20.68	12.12	56.00	46.00	35.3	33.8	L1	
20	0.69034	9.48	3.48	15.45	24.93	18.93	56.00	46.00	31.0	27.0	L1	
21	4.81367	13.02	8.41	15.67	28.69	24.08	56.00	46.00	27.3	21.9	L1	
22	7.21430	10.76	4.73	15.76	26.52	20.49	60.00	50.00	33.4	29.5	L1	

Calculation : Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]
LISN(AMN) : LIMS ID= 145542

Conducted Emission

Mode	Tx 11a 5180 MHz + Tx BT LE 2M-PHY 2402 MHz with DC coupler			
Date	Test site	Temperature	Humidity	Engineer
June 4, 2025	SR3	25 deg. C	53 % RH	Takayuki Kobayashi

Limit : FCC_Part 15 subpart C(15.207)



No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		(QP)	(CAV)		(QP)	(CAV)	(QP)	(AV)	(QP)	(AV)		
		[dBuV]	[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
1	0.15225	25.38	5.02	15.40	40.78	20.42	65.88	55.88	25.1	35.4	II	
2	0.16349	26.73	7.11	15.40	42.13	22.51	65.28	55.28	23.1	32.7	II	
3	0.17024	26.36	7.95	15.40	41.76	23.35	64.95	54.95	23.1	31.6	II	
4	0.17924	23.93	3.87	15.40	39.33	19.27	64.52	54.52	25.1	35.2	II	
5	0.19048	23.91	6.28	15.41	39.32	21.69	64.02	54.02	24.7	32.3	II	
6	0.19948	22.97	4.48	15.41	38.38	19.89	63.63	53.63	25.2	33.7	II	
7	0.21819	21.73	5.78	15.42	37.15	21.20	62.89	52.89	25.7	31.6	II	
8	0.62682	11.79	8.48	15.45	27.24	23.93	56.00	46.00	28.7	22.0	II	
9	0.65606	14.77	12.19	15.45	30.22	27.64	56.00	46.00	25.7	18.3	II	
10	0.68304	14.11	10.70	15.45	29.56	26.15	56.00	46.00	26.4	19.8	II	
11	4.78674	13.04	8.70	15.68	28.72	24.38	56.00	46.00	27.2	21.6	II	
12	7.18744	12.06	6.58	15.78	27.84	22.36	60.00	50.00	32.1	27.6	II	
13	0.15225	25.26	4.97	15.40	40.66	20.37	65.88	55.88	25.2	35.5	L1	
14	0.16349	26.65	6.62	15.42	42.07	22.04	65.28	55.28	23.2	33.2	L1	
15	0.17024	26.30	7.38	15.43	41.73	22.81	64.95	54.95	23.2	32.1	L1	
16	0.17924	23.84	3.22	15.42	39.26	18.64	64.52	54.52	25.2	35.8	L1	
17	0.19048	23.70	5.11	15.40	39.10	20.51	64.02	54.02	24.9	33.5	L1	
18	0.19948	22.72	3.49	15.39	38.11	18.88	63.63	53.63	25.5	34.7	L1	
19	0.21819	21.37	4.16	15.41	36.78	19.57	62.89	52.89	26.1	33.3	L1	
20	0.62682	8.36	3.86	15.45	23.81	19.31	56.00	46.00	32.1	26.6	L1	
21	0.65606	12.62	9.90	15.45	28.07	25.35	56.00	46.00	27.9	20.6	L1	
22	0.68304	15.84	12.94	15.45	31.29	28.39	56.00	46.00	24.7	17.6	L1	
23	4.78674	13.42	9.09	15.67	29.09	24.76	56.00	46.00	26.9	21.2	L1	
24	7.18744	12.14	6.66	15.76	27.90	22.42	60.00	50.00	32.1	27.5	L1	

Calculation : Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]
LISN(AMN) : LIMS ID= 145542

Radiated Spurious Emission

Mode	Tx 11a 5180 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 28, 2025	WAC1	21 deg. C	58 % RH	Shiro Kobayashi	1 GHz to 10 GHz
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	10 GHz to 18 GHz
June 1, 2025	WAC1	21 deg. C	58 % RH	Takayuki Kobayashi	Above 18 GHz
May 23, 2025	WAC1	22 deg. C	57 % RH	Miku Ikudome	Below 1 GHz

(below 1 GHz and above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	214.914	QP	36.97	11.22	7.25	33.64	0.00	21.80	43.5	21.7	162	345	-
Hori.	276.377	QP	44.08	13.23	7.44	33.60	0.00	31.15	46.0	14.8	117	349	-
Hori.	318.928	QP	34.75	14.16	7.58	33.54	0.00	22.95	46.0	23.0	100	325	-
Hori.	541.998	QP	41.52	17.71	8.15	32.93	0.00	34.45	46.0	11.5	174	335	-
Hori.	5150.000	PK	48.90	32.01	-26.34	-	2.35	56.92	73.9	16.9	250	1	-
Hori.	15540.000	PK	47.75	39.47	-30.15	-	-9.54	47.53	73.9	26.3	150	0	Floor Noise
Hori.	20720.000	PK	42.91	40.12	13.03	47.00	-9.54	39.52	73.9	34.3	160	80	-
Hori.	5150.000	AV	37.47	32.01	-26.34	-	2.35	45.49	53.9	8.4	250	1	-
Hori.	15540.000	AV	37.04	39.47	-30.15	-	-9.54	36.82	53.9	17.0	150	0	Floor Noise
Hori.	20720.000	AV	32.33	40.12	13.03	47.00	-9.54	28.94	53.9	24.9	160	80	-
Vert.	214.183	QP	39.45	11.21	7.25	33.64	0.00	24.27	43.5	19.2	102	34	-
Vert.	256.512	QP	29.16	12.09	7.38	33.62	0.00	15.01	46.0	30.9	182	223	-
Vert.	327.770	QP	34.35	14.48	7.61	33.52	0.00	22.92	46.0	23.0	148	168	-
Vert.	539.771	QP	34.77	17.68	8.15	32.94	0.00	27.66	46.0	18.3	200	193	-
Vert.	5150.000	PK	48.73	32.01	-26.34	-	2.35	56.75	73.9	17.1	270	6	-
Vert.	15540.000	PK	47.94	39.47	-30.15	-	-9.54	47.72	73.9	26.1	150	0	Floor Noise
Vert.	20720.000	PK	43.24	40.12	13.03	47.00	-9.54	39.85	73.9	34.0	148	127	-
Vert.	5150.000	AV	37.45	32.01	-26.34	-	2.35	45.47	53.9	8.4	270	6	-
Vert.	15540.000	AV	37.11	39.47	-30.15	-	-9.54	36.89	53.9	17.0	150	0	Floor Noise
Vert.	20720.000	AV	32.19	40.12	13.03	47.00	-9.54	28.80	53.9	25.1	148	127	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	10360.000	PK	50.65	36.13	-33.02	-	-	-9.54	44.22	-51.01	-27.0	24.0	155	354	-
Hori.	25900.000	PK	43.64	40.64	14.61	47.00	-	-9.54	42.35	-52.88	-27.0	25.8	150	0	Floor Noise
Vert.	10360.000	PK	50.59	36.13	-33.02	-	-	-9.54	44.16	-51.07	-27.0	24.0	164	2	-
Vert.	25900.000	PK	43.55	40.64	14.61	47.00	-	-9.54	42.26	-52.97	-27.0	25.9	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \log((10^{\wedge}(\text{Result [dBuV/m]} / 20)) * 10^{\wedge}(-6) * \text{Distance : 3 [m]})^2 / 30 * 10^{\wedge}3)$

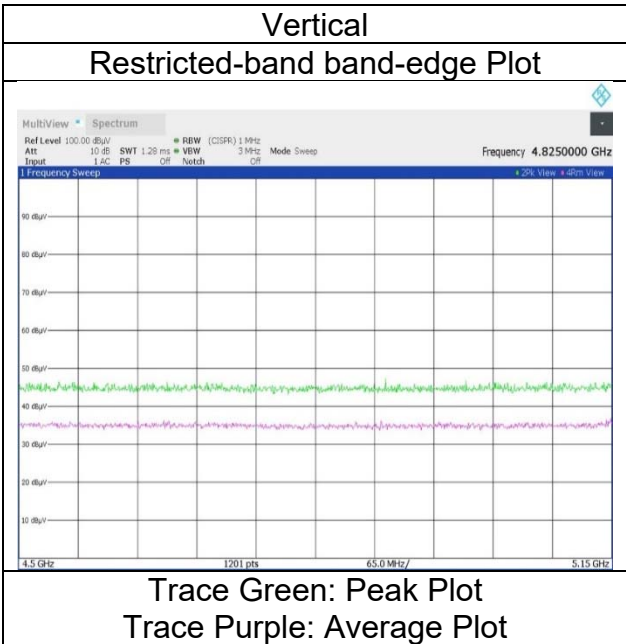
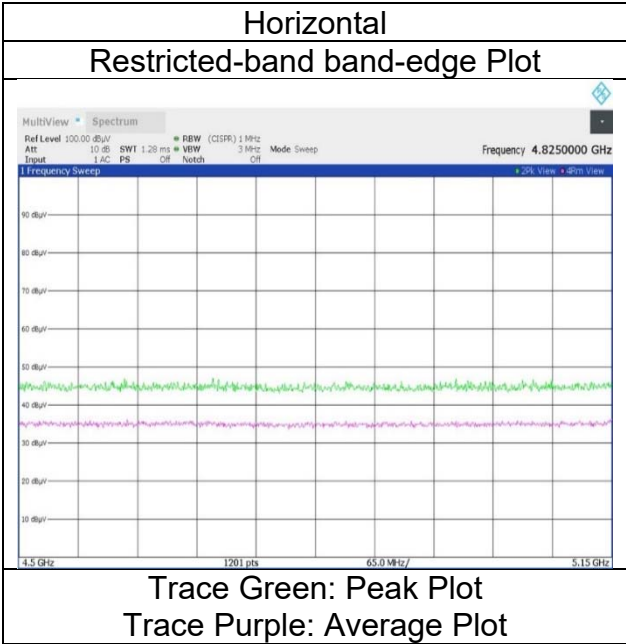
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11a 5180 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 28, 2025	WAC1	21 deg. C	58 % RH	Shiro Kobayashi	1 GHz to 10 GHz



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

Radiated Spurious Emission

Mode	Tx 11a 5320 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	Fac. [dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5350.000	PK	48.03	31.82	-26.15	-	2.35	56.05	73.9	17.8	261	32	-
Hori.	5350.000	AV	36.97	31.82	-26.15	-	2.35	44.99	53.9	8.9	261	32	-
Vert.	5350.000	PK	48.56	31.82	-26.15	-	2.35	56.58	73.9	17.3	272	13	-
Vert.	5350.000	AV	36.93	31.82	-26.15	-	2.35	44.95	53.9	8.9	272	13	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

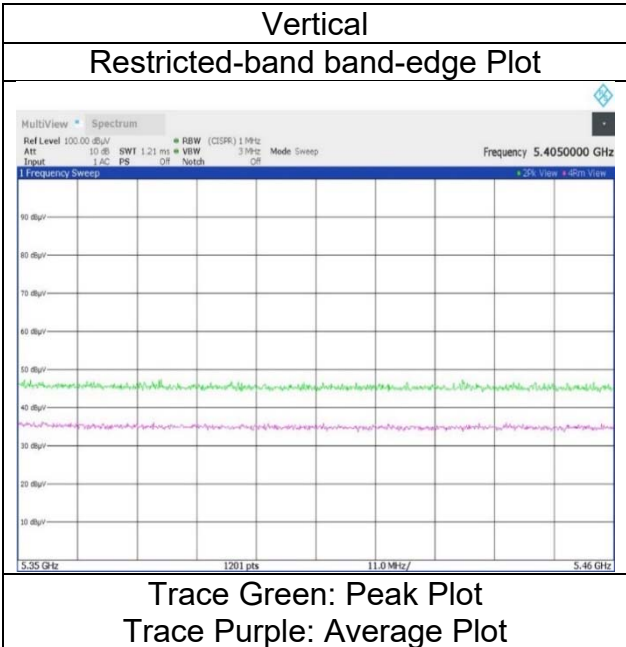
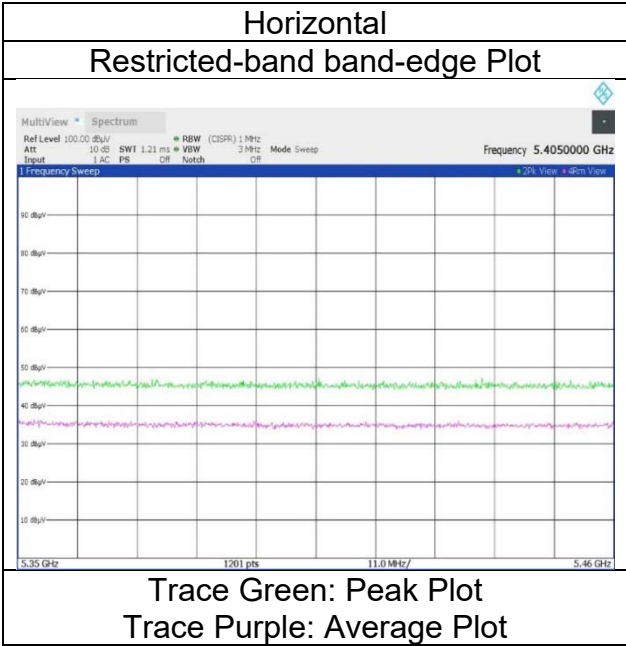
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11a 5320 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11a 5500 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5460.000	PK	47.39	32.24	-26.04	-	2.35	55.94	73.9	17.9	276	39	-
Hori.	5460.000	AV	36.41	32.24	-26.04	-	2.35	44.96	53.9	8.9	276	39	-
Vert.	5460.000	PK	47.83	32.24	-26.04	-	2.35	56.38	73.9	17.5	243	18	-
Vert.	5460.000	AV	36.50	32.24	-26.04	-	2.35	45.05	53.9	8.8	243	18	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (ERP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5470.000	PK	47.69	32.30	-26.03	-	-	2.35	56.31	-38.92	-27.0	11.9	276	39	-
Vert.	5470.000	PK	47.62	32.30	-26.03	-	-	2.35	56.24	-38.99	-27.0	11.9	243	18	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (ERP) [dBm] = $10 * \log((10^{(Result [dBuV/m] / 20)} * 10^{-6}) * Distance : 3 [m])^2 / 30 * 10^{-3})$

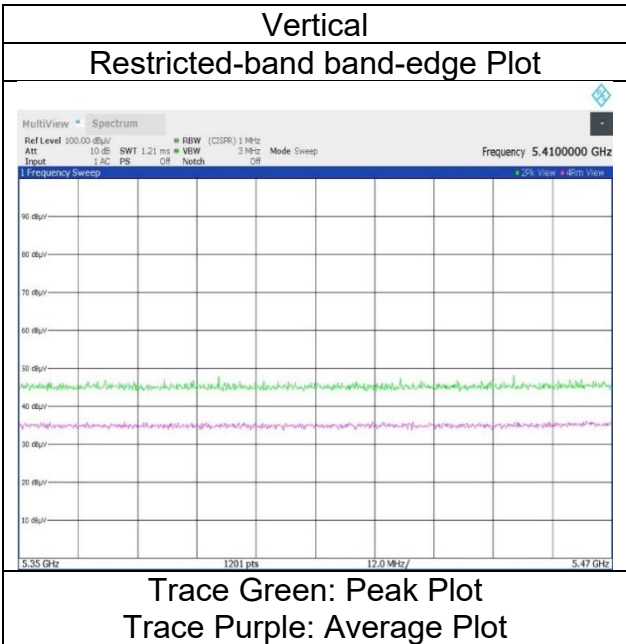
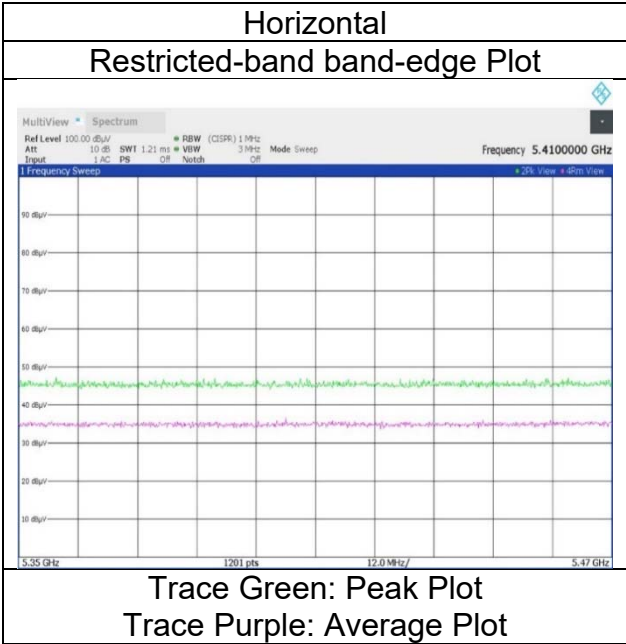
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11a 5500 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11a 5700 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5725.000	PK	48.04	32.90	-26.00	-	-	2.35	57.29	-37.94	-27.0	10.9	101	41	-
Vert.	5725.000	PK	48.08	32.90	-26.00	-	-	2.35	57.33	-37.90	-27.0	10.9	173	24	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

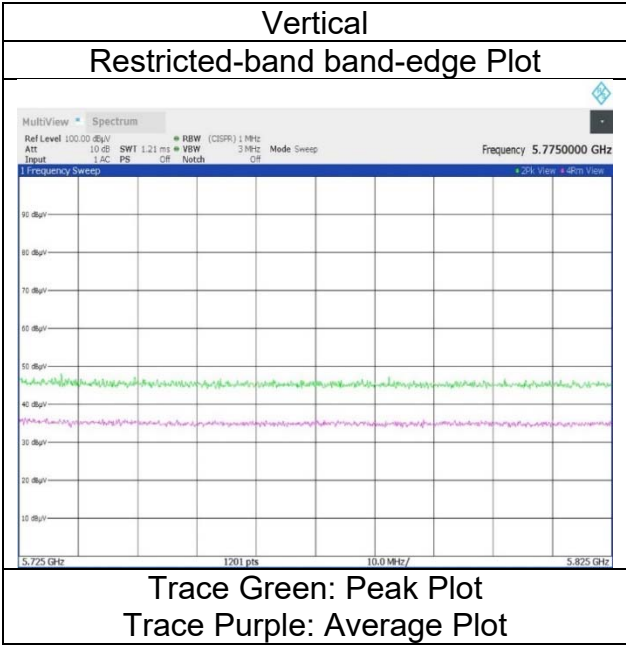
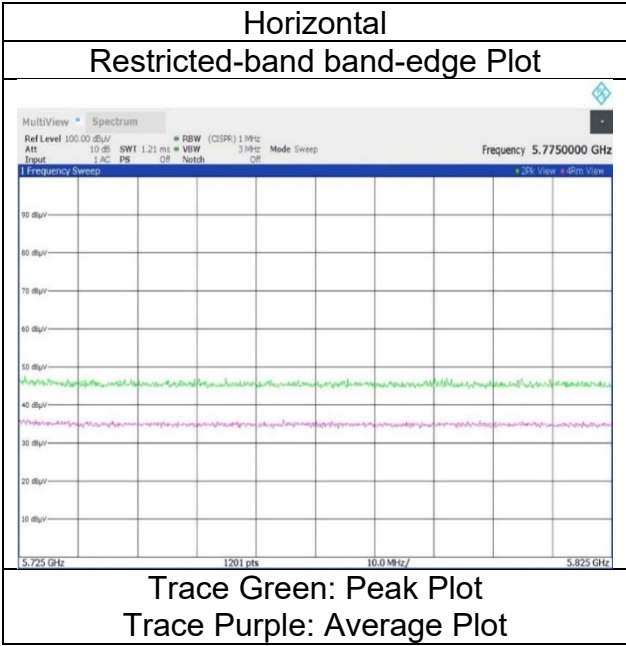
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11a 5700 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11a 5745 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	47.11	32.90	-26.00	-	-	2.35	56.36	-38.87	-27.0	11.8	289	352	-
Hori.	5700.000	PK	47.98	32.91	-26.00	-	-	2.35	57.24	-37.99	10.0	47.9	289	352	-
Hori.	5720.000	PK	49.34	32.90	-26.00	-	-	2.35	58.59	-36.64	15.6	52.2	289	352	-
Hori.	5725.000	PK	51.76	32.90	-26.00	-	-	2.35	61.01	-34.22	27.0	61.2	289	352	-
Vert.	5650.000	PK	47.86	32.90	-26.00	-	-	2.35	57.11	-38.12	-27.0	11.1	179	44	-
Vert.	5700.000	PK	48.03	32.91	-26.00	-	-	2.35	57.29	-37.94	10.0	47.9	179	44	-
Vert.	5720.000	PK	48.89	32.90	-26.00	-	-	2.35	58.14	-37.09	15.6	52.6	179	44	-
Vert.	5725.000	PK	51.74	32.90	-26.00	-	-	2.35	60.99	-34.24	27.0	61.2	179	44	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

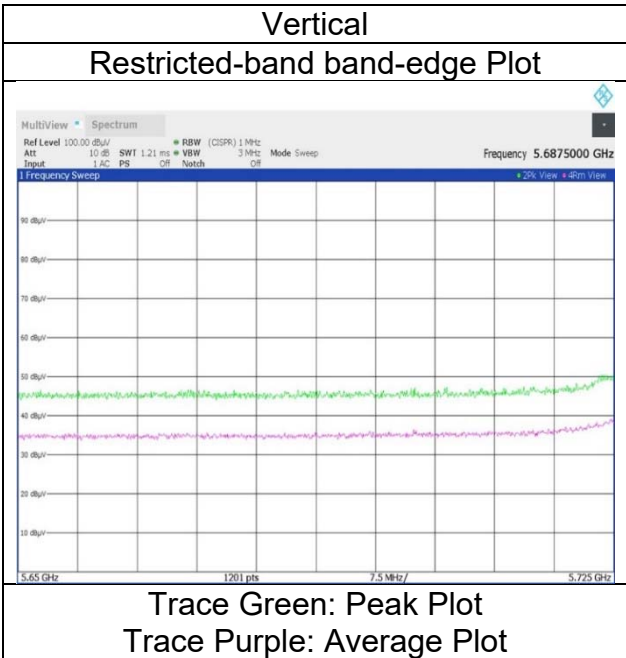
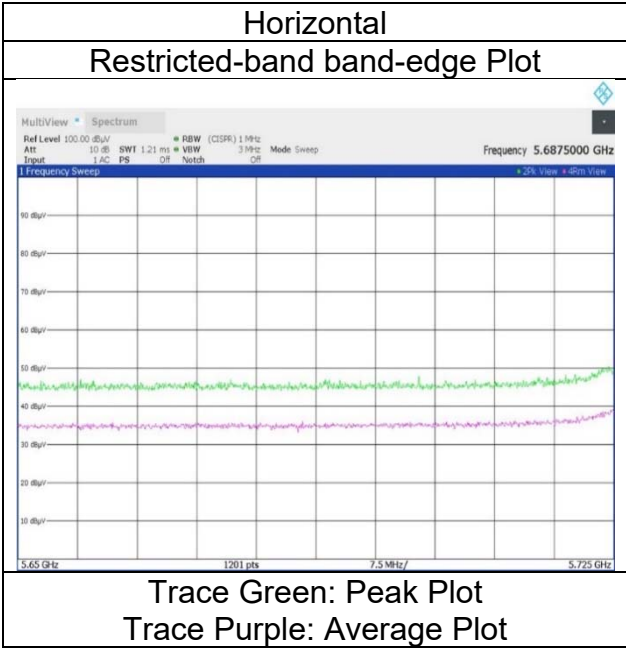
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11a 5745 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11a 5825 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5850.000	PK	47.91	32.91	-25.98	-	-	2.35	57.19	-38.04	27.0	65.0	265	351	-
Hori.	5855.000	PK	47.86	32.91	-25.99	-	-	2.35	57.13	-38.10	15.6	53.7	265	351	-
Hori.	5875.000	PK	47.35	32.94	-25.99	-	-	2.35	56.65	-38.58	10.0	48.5	265	351	-
Hori.	5925.000	PK	47.31	33.07	-25.98	-	-	2.35	56.75	-38.48	-27.0	11.4	265	351	-
Vert.	5850.000	PK	48.65	32.91	-25.98	-	-	2.35	57.93	-37.30	27.0	64.3	129	44	-
Vert.	5855.000	PK	48.10	32.91	-25.99	-	-	2.35	57.37	-37.86	15.6	53.4	129	44	-
Vert.	5875.000	PK	47.58	32.94	-25.99	-	-	2.35	56.88	-38.35	10.0	48.3	129	44	-
Vert.	5925.000	PK	47.47	33.07	-25.98	-	-	2.35	56.91	-38.32	-27.0	11.3	129	44	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

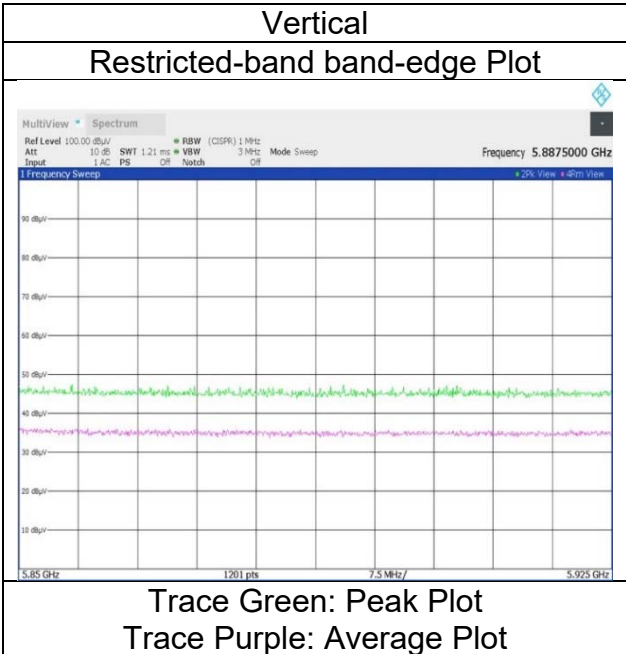
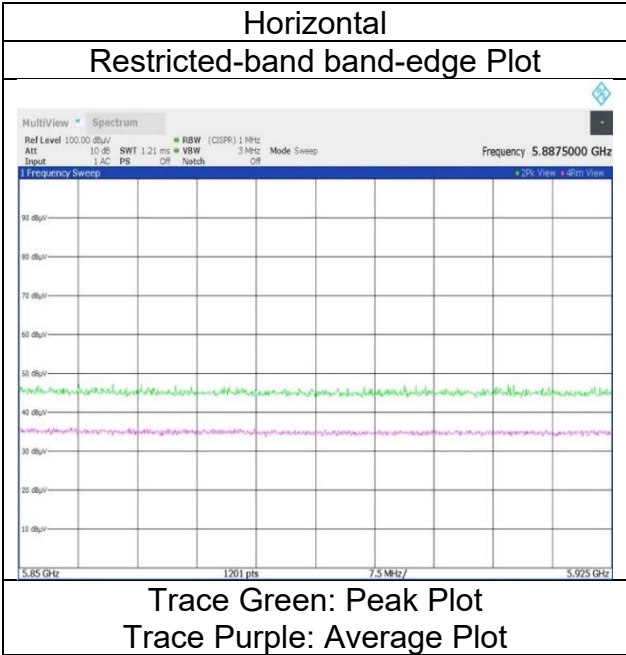
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11a 5825 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-20 5180 MHz												
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	Fac. [dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5150.000	PK	49.57	32.01	-26.34	-	2.35	57.59	73.9	16.3	243	350	-
Hori.	5150.000	AV	37.21	32.01	-26.34	-	2.35	45.23	53.9	8.6	243	350	-
Vert.	5150.000	PK	49.18	32.01	-26.34	-	2.35	57.20	73.9	16.7	271	14	-
Vert.	5150.000	AV	37.34	32.01	-26.34	-	2.35	45.36	53.9	8.5	271	14	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

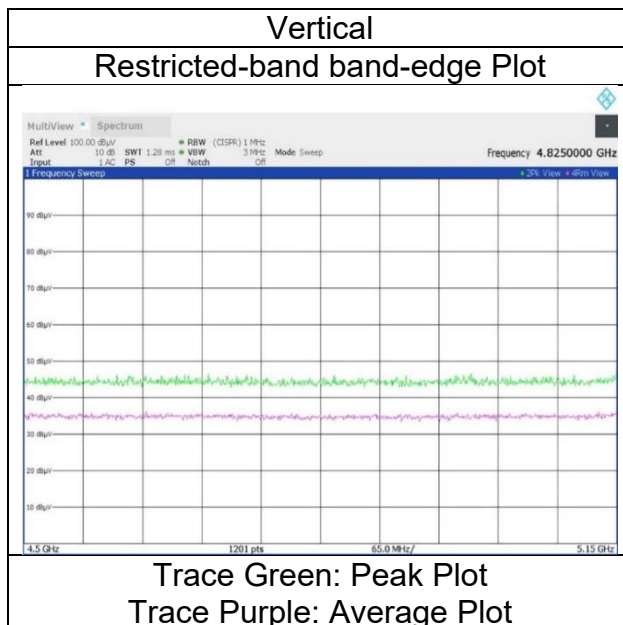
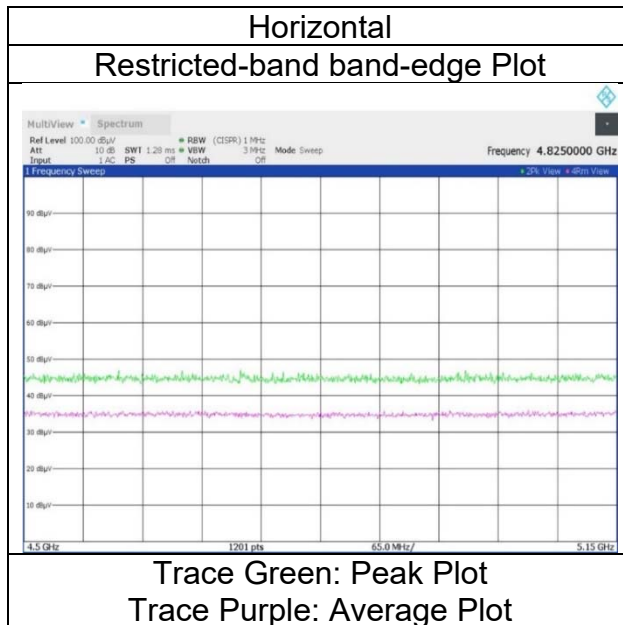
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11n-20 5180 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-20 5320 MHz												
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	48.25	31.82	-26.15	-	2.35	56.27	73.9	17.6	251	347	-
Hori.	5350.000	AV	37.16	31.82	-26.15	-	2.35	45.18	53.9	8.7	251	347	-
Vert.	5350.000	PK	48.22	31.82	-26.15	-	2.35	56.24	73.9	17.6	206	15	-
Vert.	5350.000	AV	36.94	31.82	-26.15	-	2.35	44.96	53.9	8.9	206	15	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

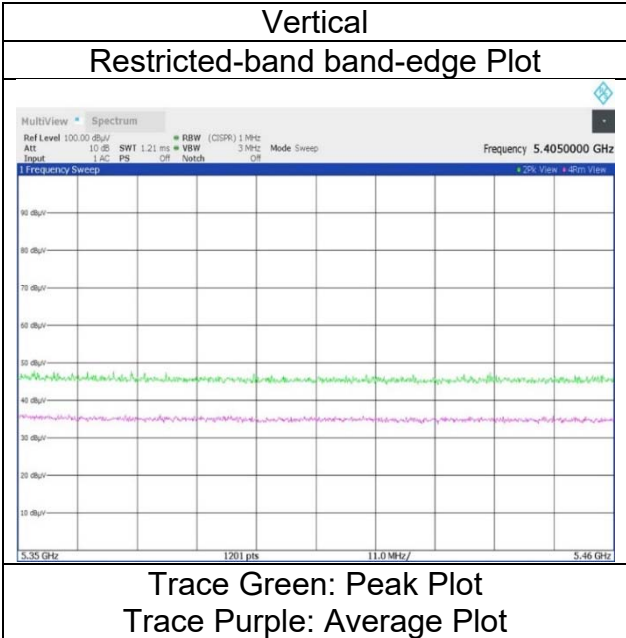
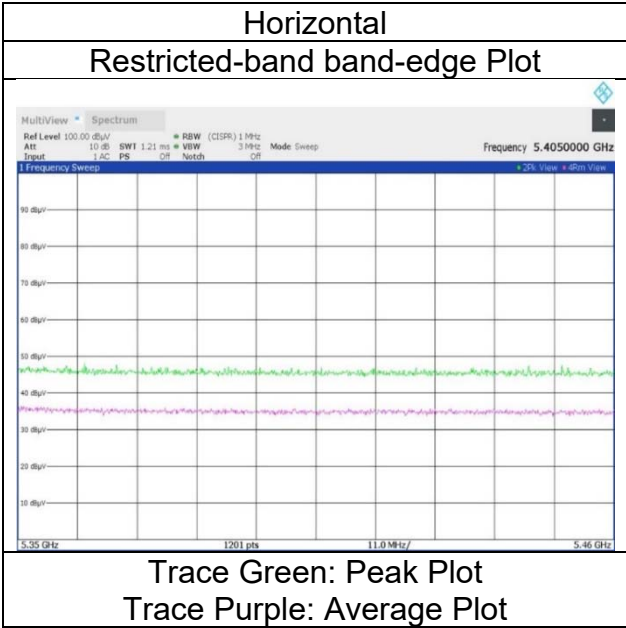
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11n-20 5320 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-20 5500 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5460.000	PK	47.88	32.24	-26.04	-	2.35	56.43	73.9	17.4	311	36	-
Hori.	5460.000	AV	36.40	32.24	-26.04	-	2.35	44.95	53.9	8.9	311	36	-
Vert.	5460.000	PK	47.90	32.24	-26.04	-	2.35	56.45	73.9	17.4	194	22	-
Vert.	5460.000	AV	36.39	32.24	-26.04	-	2.35	44.94	53.9	8.9	194	22	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5470.000	PK	47.91	32.30	-26.03	-	-	2.35	56.53	-38.70	-27.0	11.7	311	36	-
Vert.	5470.000	PK	48.11	32.30	-26.03	-	-	2.35	56.73	-38.50	-27.0	11.5	194	22	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \log((10^{(Result [dBuV/m] / 20)}) * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{-3})$

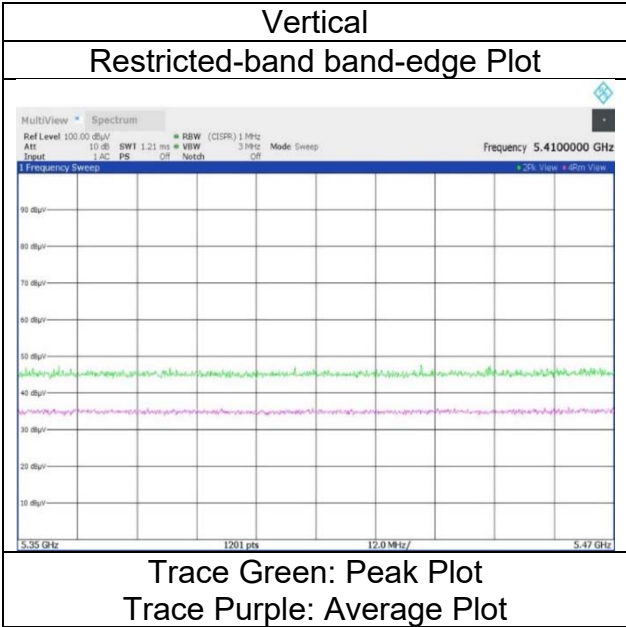
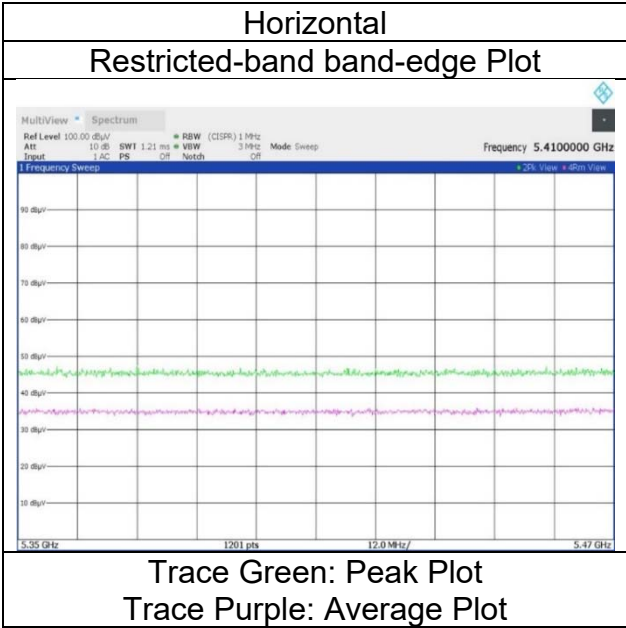
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11n-20 5500 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-20 5700 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (ERP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5725.000	PK	48.15	32.90	-26.00	-	-	2.35	57.40	-37.83	-27.0	10.8	103	40	-
Vert.	5725.000	PK	48.11	32.90	-26.00	-	-	2.35	57.36	-37.87	-27.0	10.8	222	22	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (ERP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

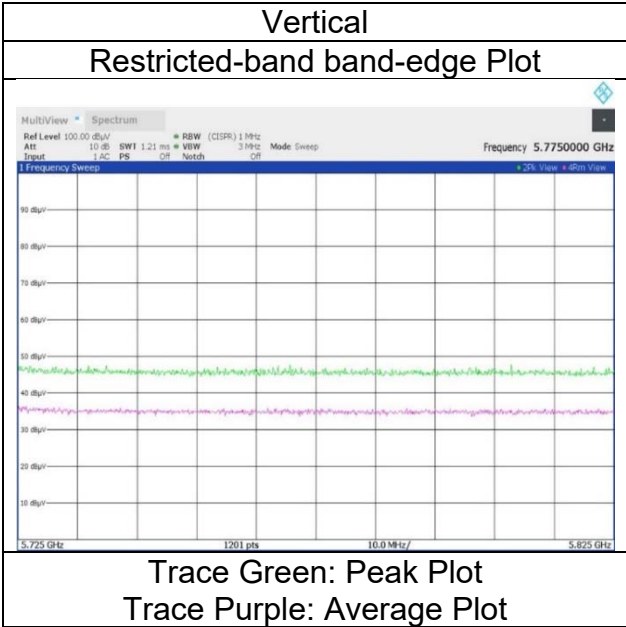
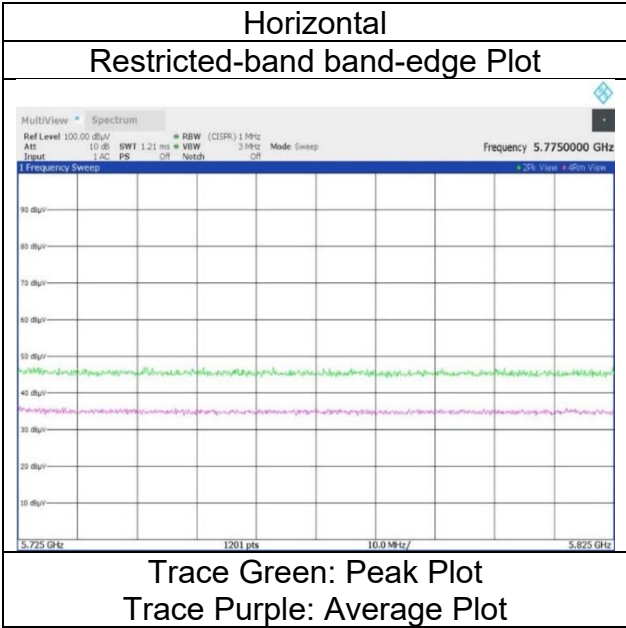
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11n-20 5700 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-20 5745 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5650.000	PK	47.14	32.90	-26.00	-	-	2.35	56.39	-38.84	-27.0	11.8	290	349	-
Hori.	5700.000	PK	47.97	32.91	-26.00	-	-	2.35	57.23	-38.00	10.0	48.0	290	349	-
Hori.	5720.000	PK	49.75	32.90	-26.00	-	-	2.35	59.00	-36.23	15.6	51.8	290	349	-
Hori.	5725.000	PK	53.05	32.90	-26.00	-	-	2.35	62.30	-32.93	27.0	59.9	290	349	-
Vert.	5650.000	PK	47.56	32.90	-26.00	-	-	2.35	56.81	-38.42	-27.0	11.4	151	45	-
Vert.	5700.000	PK	47.69	32.91	-26.00	-	-	2.35	56.95	-38.28	10.0	48.2	151	45	-
Vert.	5720.000	PK	49.41	32.90	-26.00	-	-	2.35	58.66	-36.57	15.6	52.1	151	45	-
Vert.	5725.000	PK	52.72	32.90	-26.00	-	-	2.35	61.97	-33.26	27.0	60.2	151	45	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

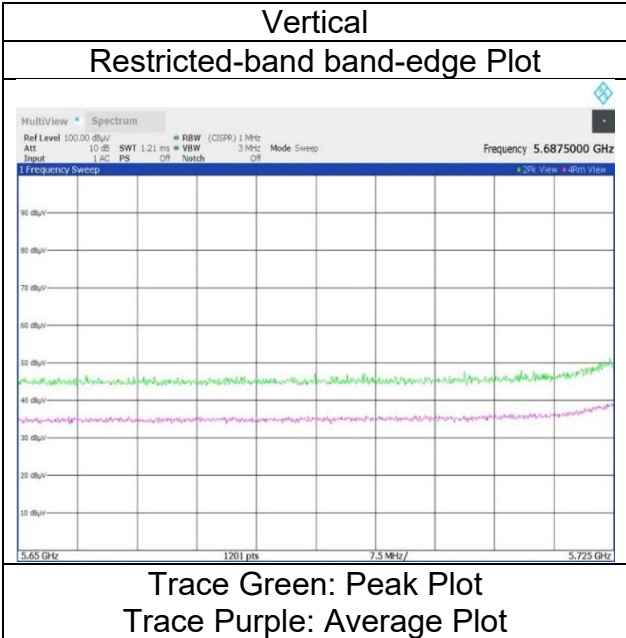
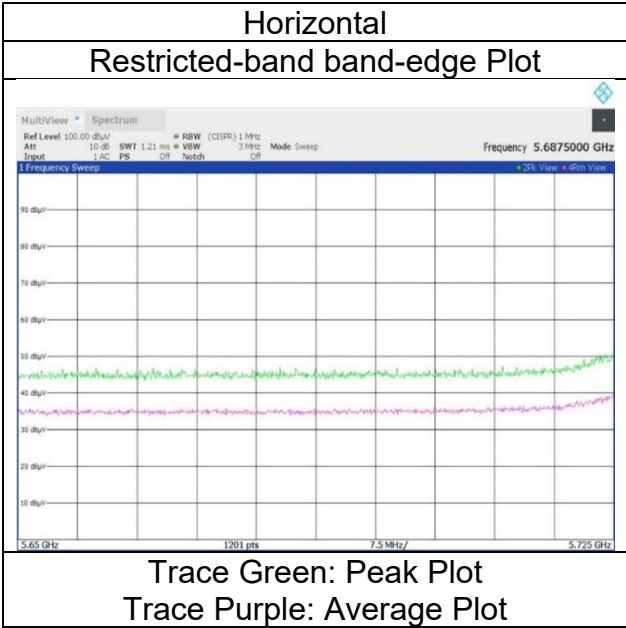
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11n-20 5745 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-20 5825 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5850.000	PK	48.30	32.91	-25.98	-	-	2.35	57.58	-37.65	27.0	64.6	327	346	-
Hori.	5855.000	PK	47.55	32.91	-25.99	-	-	2.35	56.82	-38.41	15.6	54.0	327	346	-
Hori.	5875.000	PK	47.34	32.94	-25.99	-	-	2.35	56.64	-38.59	10.0	48.5	327	346	-
Hori.	5925.000	PK	47.36	33.07	-25.98	-	-	2.35	56.80	-38.43	-27.0	11.4	327	346	-
Vert.	5850.000	PK	48.40	32.91	-25.98	-	-	2.35	57.68	-37.55	27.0	64.5	129	45	-
Vert.	5855.000	PK	48.11	32.91	-25.99	-	-	2.35	57.38	-37.85	15.6	53.4	129	45	-
Vert.	5875.000	PK	47.30	32.94	-25.99	-	-	2.35	56.60	-38.63	10.0	48.6	129	45	-
Vert.	5925.000	PK	47.05	33.07	-25.98	-	-	2.35	56.49	-38.74	-27.0	11.7	129	45	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

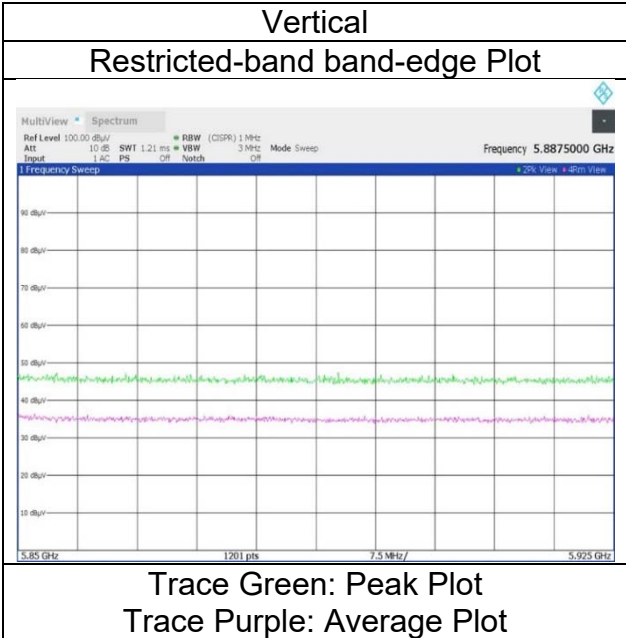
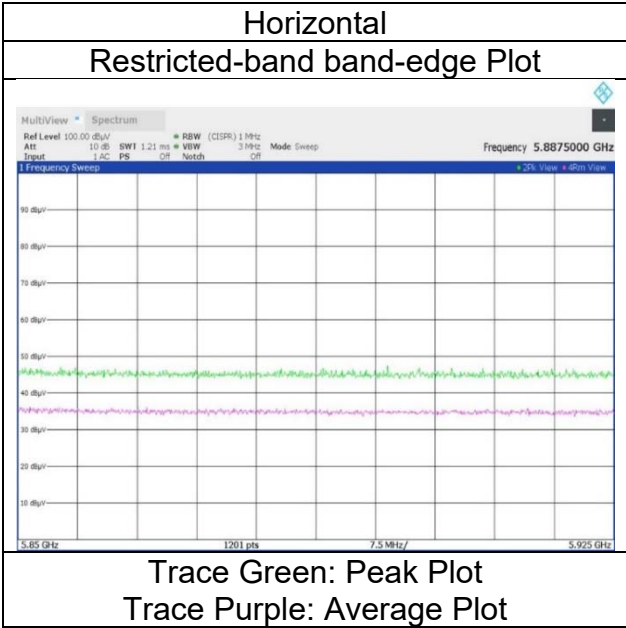
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11n-20 5825 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-20 5180 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	48.90	32.01	-26.34	-	2.35	56.92	73.9	16.9	244	357	-
Hori.	5150.000	AV	37.34	32.01	-26.34	-	2.35	45.36	53.9	8.5	244	357	-
Vert.	5150.000	PK	48.73	32.01	-26.34	-	2.35	56.75	73.9	17.1	270	40	-
Vert.	5150.000	AV	37.26	32.01	-26.34	-	2.35	45.28	53.9	8.6	270	40	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

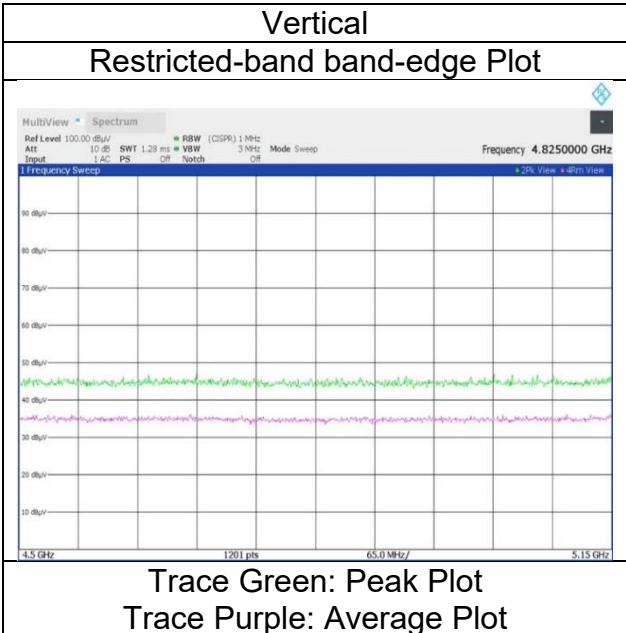
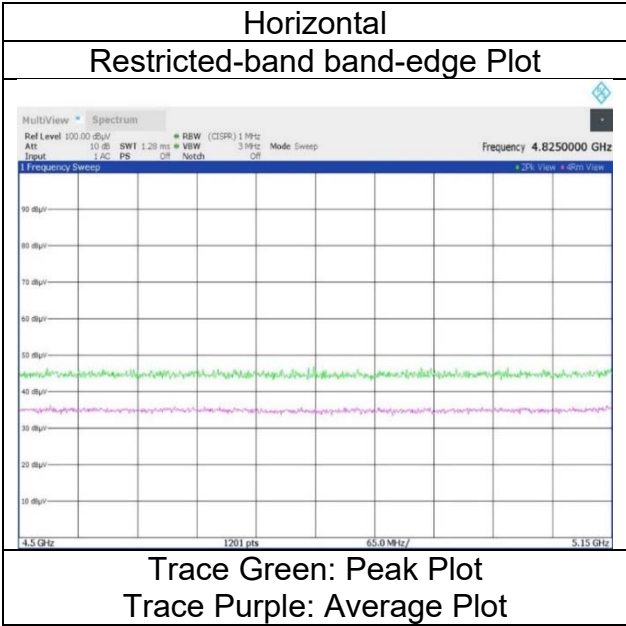
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-20 5180 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-20 5320 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	47.87	31.82	-26.15	-	2.35	55.89	73.9	18.0	266	357	-
Hori.	5350.000	AV	36.96	31.82	-26.15	-	2.35	44.98	53.9	8.9	266	357	-
Vert.	5350.000	PK	47.97	31.82	-26.15	-	2.35	55.99	73.9	17.9	205	12	-
Vert.	5350.000	AV	37.11	31.82	-26.15	-	2.35	45.13	53.9	8.7	205	12	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

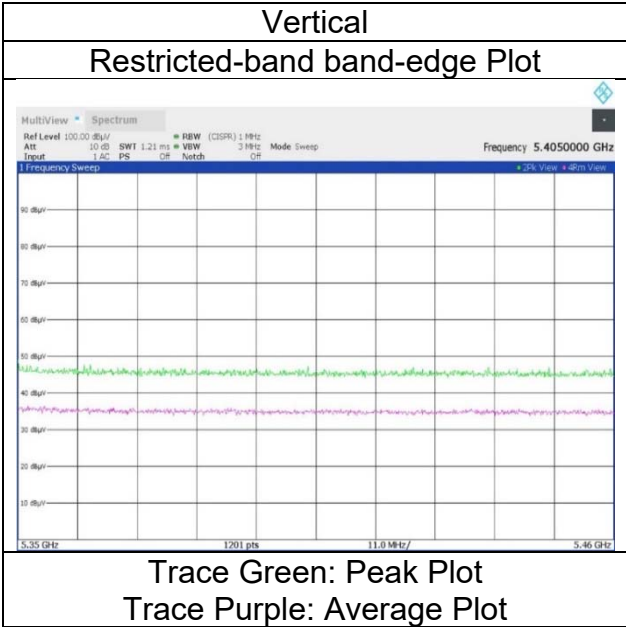
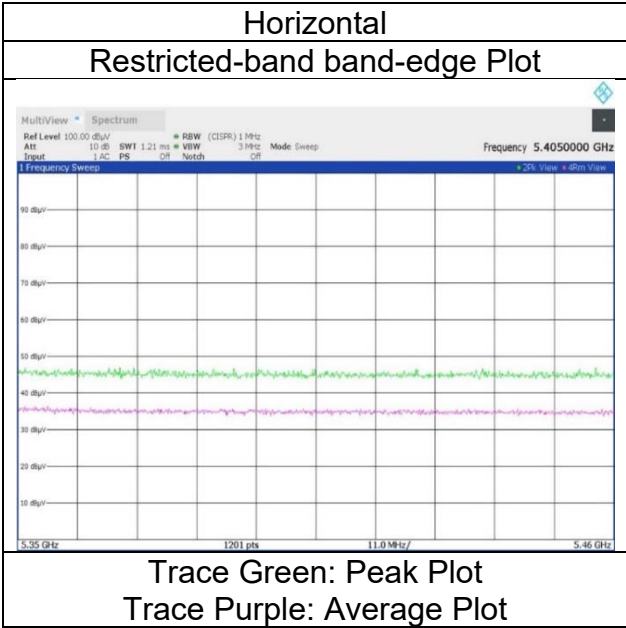
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-20 5320 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-20 5500 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5460.000	PK	47.68	32.24	-26.04	-	2.35	56.23	73.9	17.6	282	38	-
Hori.	5460.000	AV	36.38	32.24	-26.04	-	2.35	44.93	53.9	8.9	282	38	-
Vert.	5460.000	PK	47.52	32.24	-26.04	-	2.35	56.07	73.9	17.8	244	21	-
Vert.	5460.000	AV	36.62	32.24	-26.04	-	2.35	45.17	53.9	8.7	244	21	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5470.000	PK	47.80	32.30	-26.03	-	-	2.35	56.42	-38.81	-27.0	11.8	282	38	-
Vert.	5470.000	PK	48.04	32.30	-26.03	-	-	2.35	56.66	-38.57	-27.0	11.5	244	21	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \log((10^{(Result [dBuV/m] / 20)}) * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{-3})$

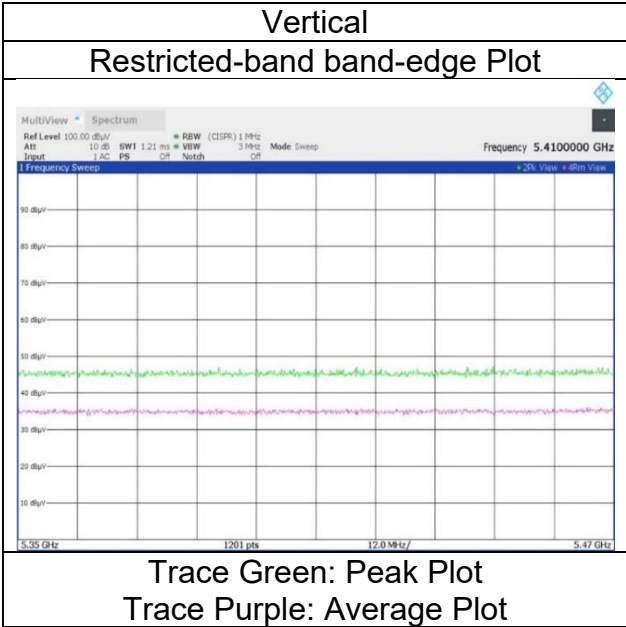
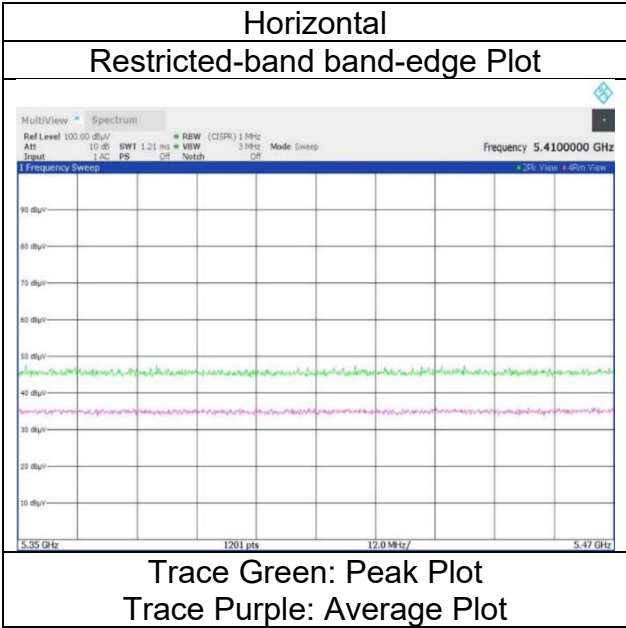
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-20 5500 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-20 5700 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (ERP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5725.000	PK	48.20	32.90	-26.00	-	-	2.35	57.45	-37.78	-27.0	10.7	100	41	-
Vert.	5725.000	PK	48.20	32.90	-26.00	-	-	2.35	57.45	-37.78	-27.0	10.7	223	20	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (ERP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

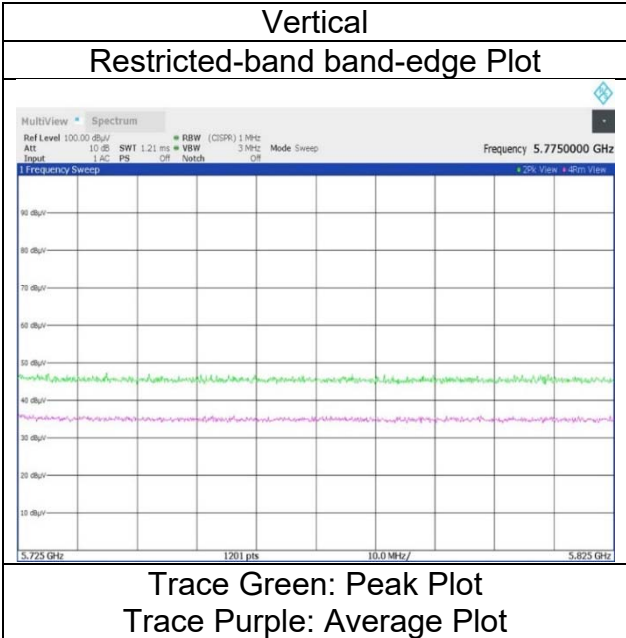
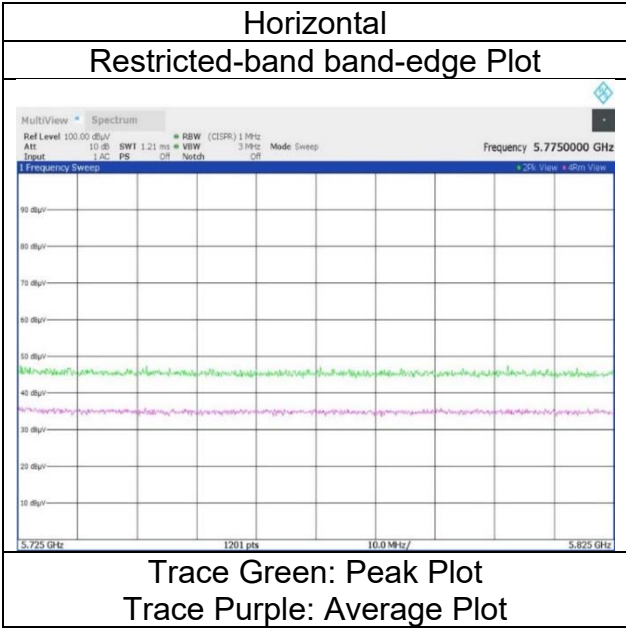
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11ac-20 5700 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-20 5745 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	5650.000	PK	47.23	32.90	-26.00	-	-	2.35	56.48	-38.75	-27.0	11.7	289	346		
Hori.	5700.000	PK	47.56	32.91	-26.00	-	-	2.35	56.82	-38.41	10.0	48.4	289	346		
Hori.	5720.000	PK	49.65	32.90	-26.00	-	-	2.35	58.90	-36.33	15.6	51.9	289	346		
Hori.	5725.000	PK	52.85	32.90	-26.00	-	-	2.35	62.10	-33.13	27.0	60.1	289	346		
Vert.	5650.000	PK	47.34	32.90	-26.00	-	-	2.35	56.59	-38.64	-27.0	11.6	153	25		
Vert.	5700.000	PK	47.47	32.91	-26.00	-	-	2.35	56.73	-38.50	10.0	48.5	153	25		
Vert.	5720.000	PK	49.40	32.90	-26.00	-	-	2.35	58.65	-36.58	15.6	52.1	153	25		
Vert.	5725.000	PK	52.20	32.90	-26.00	-	-	2.35	61.45	-33.78	27.0	60.7	153	25		

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

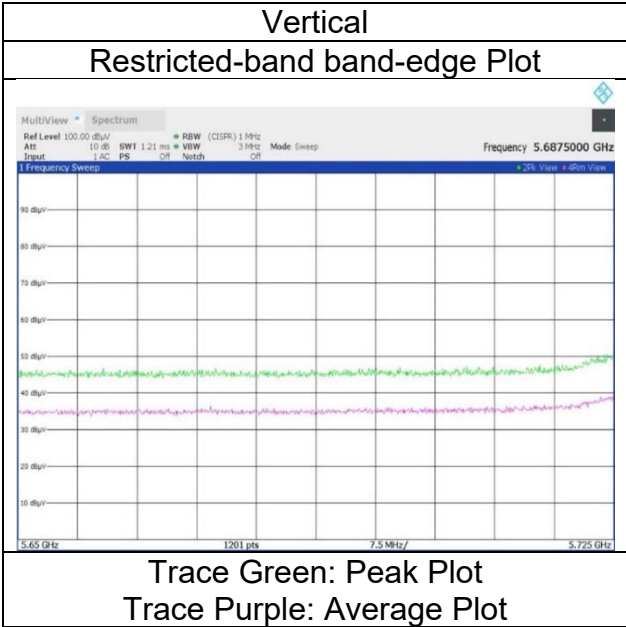
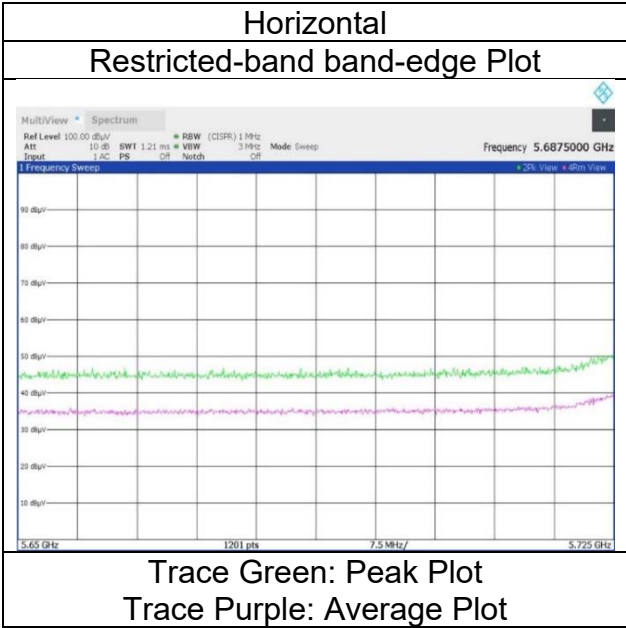
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11ac-20 5745 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-20 5825 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5850.000	PK	48.02	32.91	-25.98	-	-	2.35	57.30	-37.93	27.0	64.9	282	351	-
Hori.	5855.000	PK	47.96	32.91	-25.99	-	-	2.35	57.23	-38.00	15.6	53.6	282	351	-
Hori.	5875.000	PK	47.50	32.94	-25.99	-	-	2.35	56.80	-38.43	10.0	48.4	282	351	-
Hori.	5925.000	PK	47.13	33.07	-25.98	-	-	2.35	56.57	-38.66	-27.0	11.6	282	351	-
Vert.	5850.000	PK	48.29	32.91	-25.98	-	-	2.35	57.57	-37.66	27.0	64.6	129	45	-
Vert.	5855.000	PK	48.21	32.91	-25.99	-	-	2.35	57.48	-37.75	15.6	53.3	129	45	-
Vert.	5875.000	PK	47.77	32.94	-25.99	-	-	2.35	57.07	-38.16	10.0	48.1	129	45	-
Vert.	5925.000	PK	47.17	33.07	-25.98	-	-	2.35	56.61	-38.62	-27.0	11.6	129	45	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

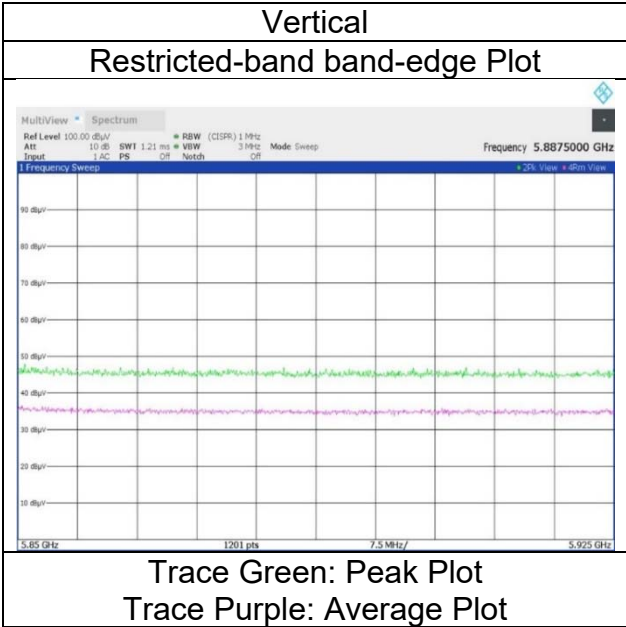
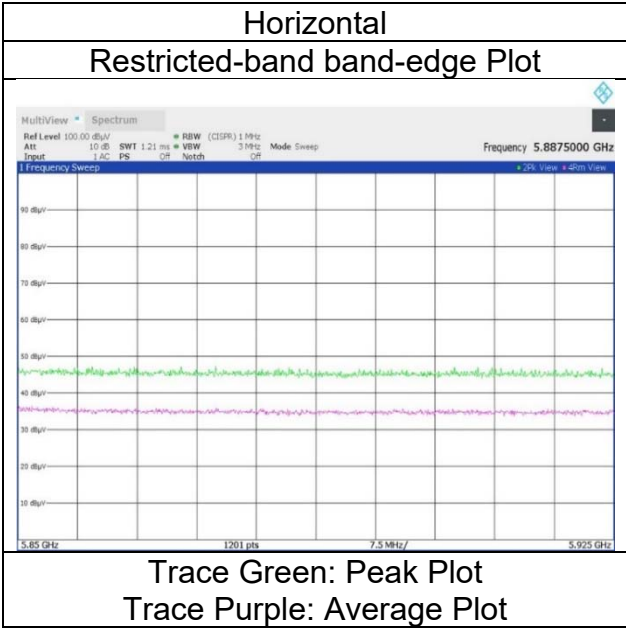
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11ac-20 5825 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 29, 2025	WAC1	23 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-40 5190 MHz												
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	Fac. [dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5150.000	PK	49.98	32.01	-26.34	-	2.35	58.00	73.9	15.9	292	356	-
Hori.	5150.000	AV	38.82	32.01	-26.34	-	2.35	46.84	53.9	7.0	292	356	-
Vert.	5150.000	PK	50.38	32.01	-26.34	-	2.35	58.40	73.9	15.5	202	11	-
Vert.	5150.000	AV	39.27	32.01	-26.34	-	2.35	47.29	53.9	6.6	202	11	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

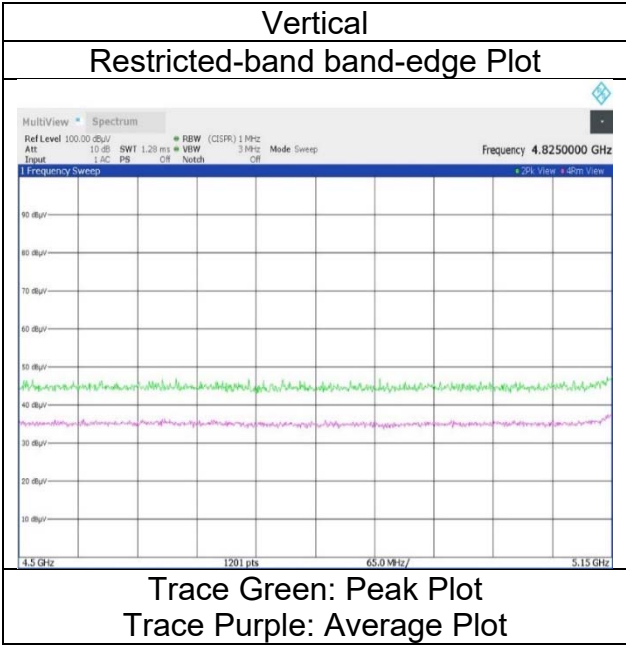
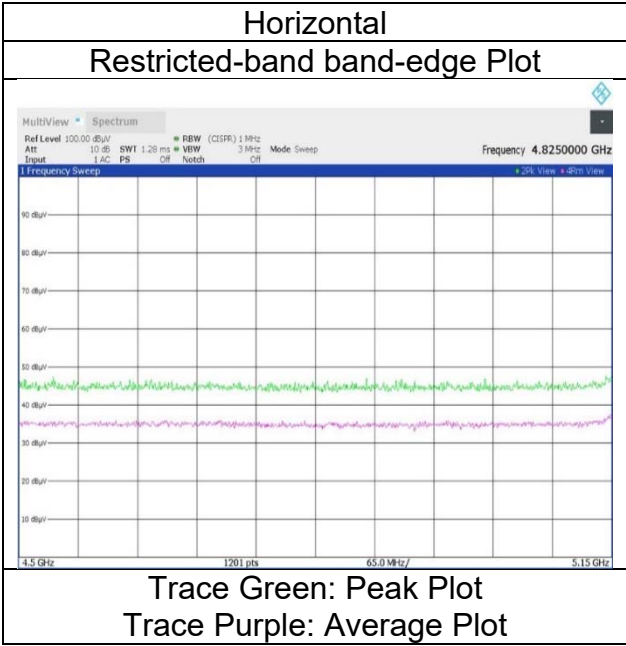
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11n-40 5190 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-40 5310 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	Fac. [dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5350.000	PK	49.34	31.82	-26.15	-	2.35	57.36	73.9	16.5	331	28	-
Hori.	5350.000	AV	37.69	31.82	-26.15	-	2.35	45.71	53.9	8.1	331	28	-
Vert.	5350.000	PK	49.53	31.82	-26.15	-	2.35	57.55	73.9	16.3	238	15	-
Vert.	5350.000	AV	37.80	31.82	-26.15	-	2.35	45.82	53.9	8.0	238	15	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

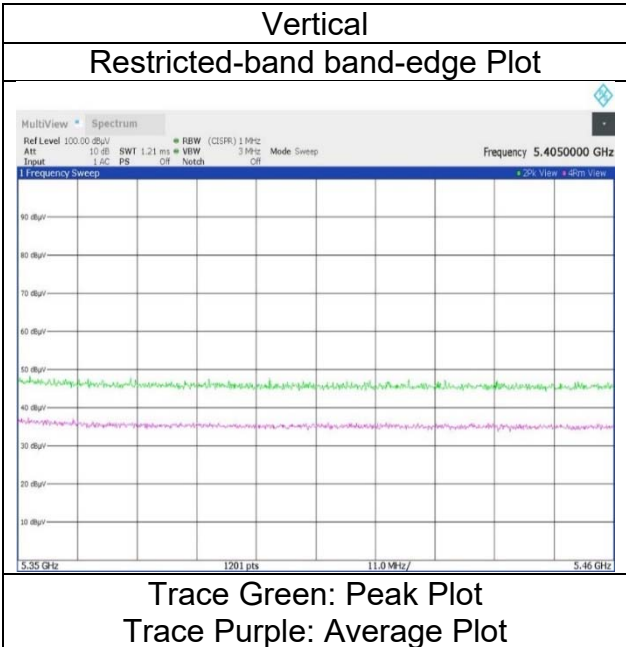
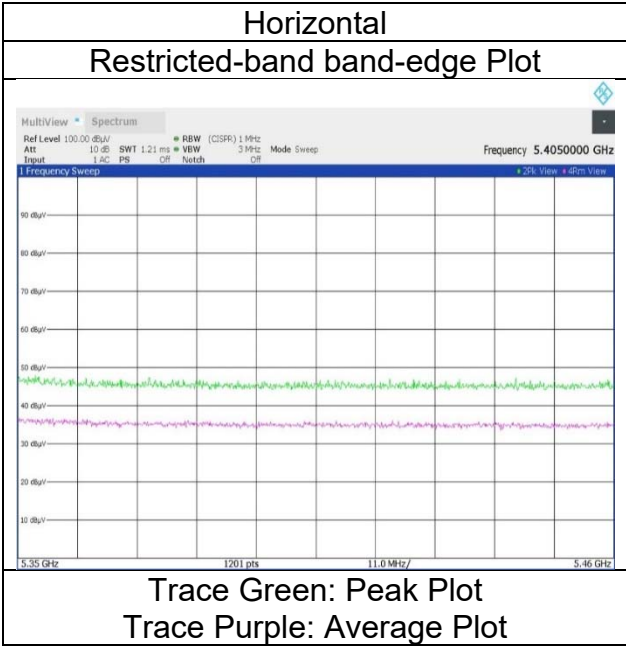
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11n-40 5310 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-40 5510 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5460.000	PK	48.14	32.24	-26.04	-	2.35	56.69	73.9	17.2	279	37	-
Hori.	5460.000	AV	36.94	32.24	-26.04	-	2.35	45.49	53.9	8.4	279	37	-
Vert.	5460.000	PK	47.86	32.24	-26.04	-	2.35	56.41	73.9	17.4	181	14	-
Vert.	5460.000	AV	36.91	32.24	-26.04	-	2.35	45.46	53.9	8.4	181	14	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5470.000	PK	49.12	32.30	-26.03	-	-	2.35	57.74	-37.49	-27.0	10.4	279	37	-
Vert.	5470.000	PK	49.72	32.30	-26.03	-	-	2.35	58.34	-36.89	-27.0	9.8	181	14	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \log((10^{(Result [dBuV/m] / 20)}) * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{(-3)})$

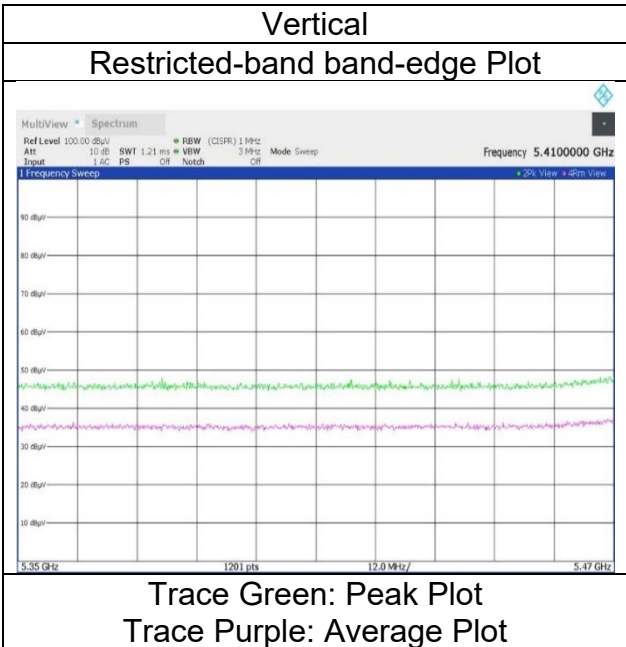
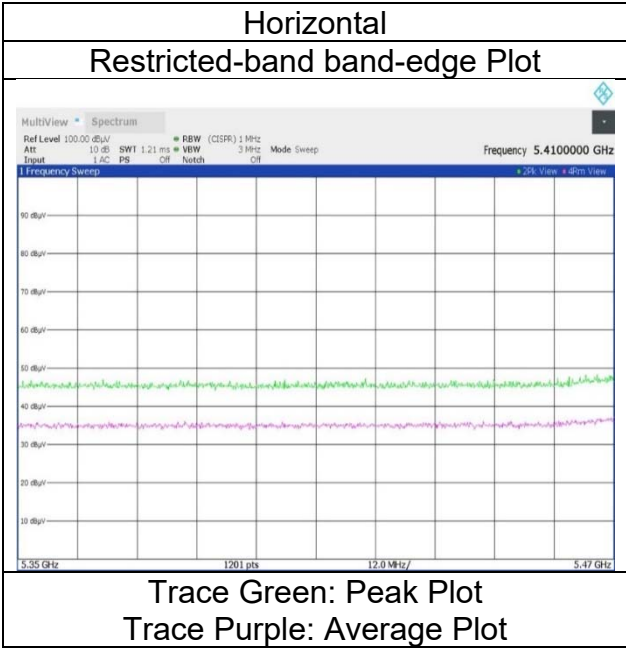
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11n-40 5510 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-40 5670 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (ERP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5725.000	PK	47.78	32.90	-26.00	-	-	2.35	57.03	-38.20	-27.0	11.2	106	43	-
Vert.	5725.000	PK	48.06	32.90	-26.00	-	-	2.35	57.31	-37.92	-27.0	10.9	249	19	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (ERP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

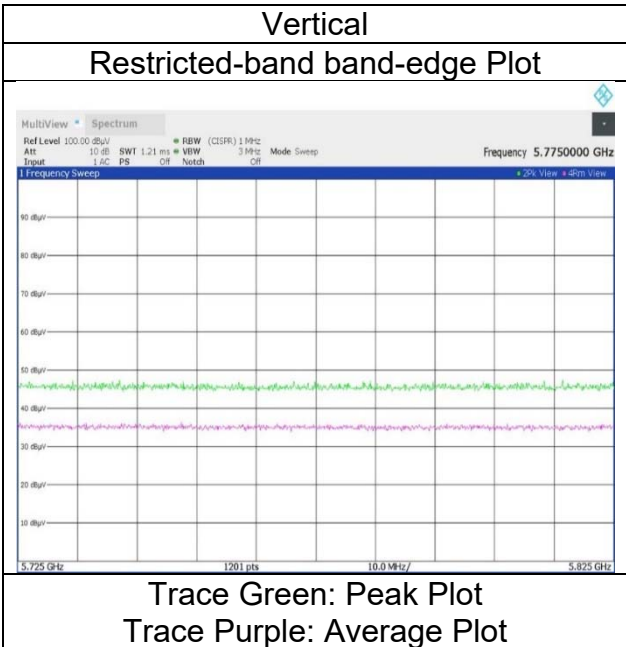
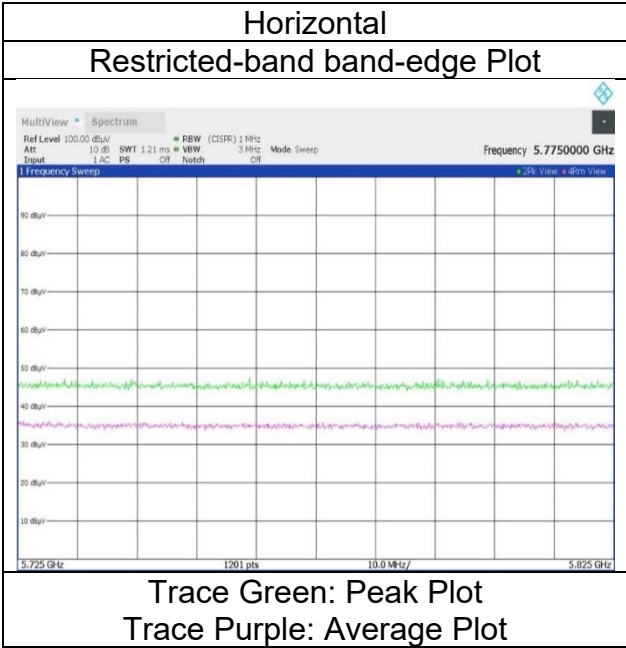
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11n-40 5670 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-40 5755 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5650.000	PK	47.33	32.90	-26.00	-	-	2.35	56.58	-38.65	-27.0	11.6	281	346	-
Hori.	5700.000	PK	48.85	32.91	-26.00	-	-	2.35	58.11	-37.12	10.0	47.1	281	346	-
Hori.	5720.000	PK	51.74	32.90	-26.00	-	-	2.35	60.99	-34.24	15.6	49.8	281	346	-
Hori.	5725.000	PK	52.62	32.90	-26.00	-	-	2.35	61.87	-33.36	27.0	60.3	281	346	-
Vert.	5650.000	PK	48.10	32.90	-26.00	-	-	2.35	57.35	-37.88	-27.0	10.8	203	18	-
Vert.	5700.000	PK	48.62	32.91	-26.00	-	-	2.35	57.88	-37.35	10.0	47.3	203	18	-
Vert.	5720.000	PK	51.91	32.90	-26.00	-	-	2.35	61.16	-34.07	15.6	49.6	203	18	-
Vert.	5725.000	PK	52.60	32.90	-26.00	-	-	2.35	61.85	-33.38	27.0	60.3	203	18	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

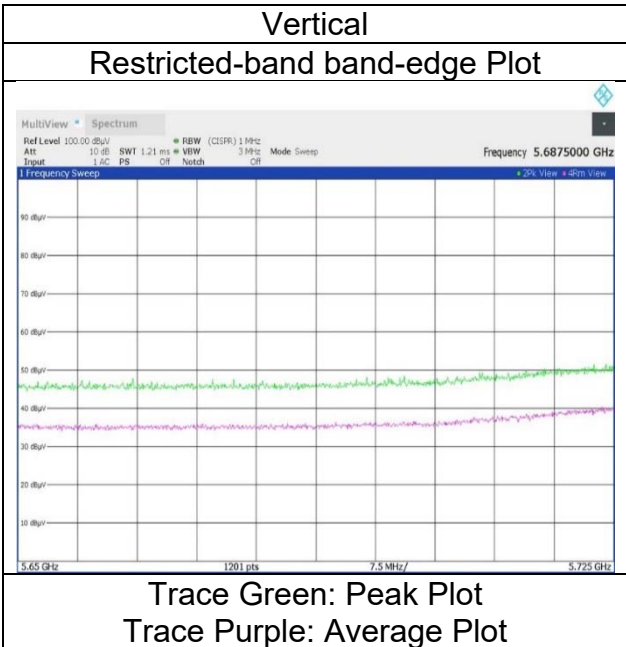
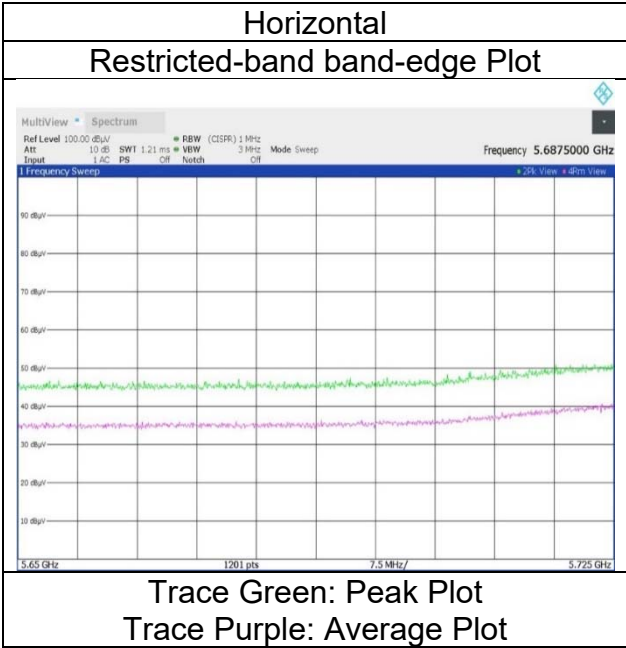
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11n-40 5755 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11n-40 5795 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (ERP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5850.000	PK	47.68	32.91	-25.98	-	-	2.35	56.96	-38.27	27.0	65.2	330	343	-
Hori.	5855.000	PK	47.62	32.91	-25.99	-	-	2.35	56.89	-38.34	15.6	53.9	330	343	-
Hori.	5875.000	PK	47.45	32.94	-25.99	-	-	2.35	56.75	-38.48	10.0	48.4	330	343	-
Hori.	5925.000	PK	47.31	33.07	-25.98	-	-	2.35	56.75	-38.48	-27.0	11.4	330	343	-
Vert.	5850.000	PK	47.95	32.91	-25.98	-	-	2.35	57.23	-38.00	27.0	65.0	177	44	-
Vert.	5855.000	PK	47.52	32.91	-25.99	-	-	2.35	56.79	-38.44	15.6	54.0	177	44	-
Vert.	5875.000	PK	47.27	32.94	-25.99	-	-	2.35	56.57	-38.66	10.0	48.6	177	44	-
Vert.	5985.000	PK	47.63	33.26	-25.98	-	-	2.35	57.26	-37.97	-27.0	10.9	177	44	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

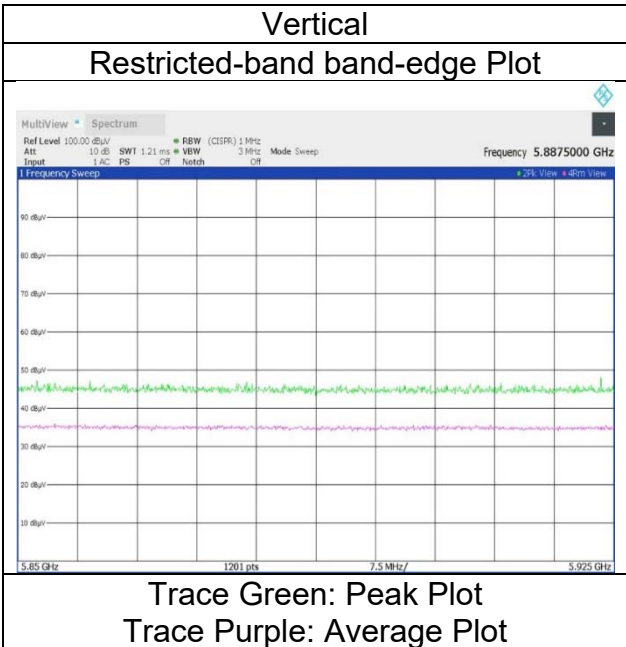
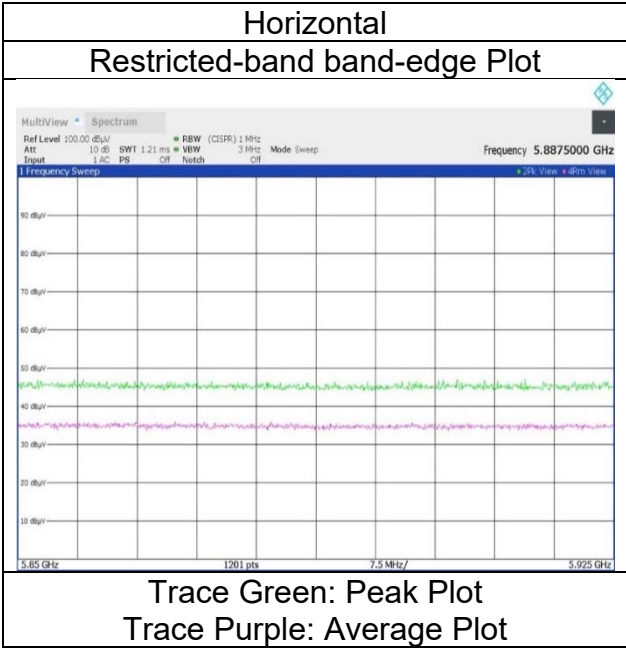
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11n-40 5795 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-40 5190 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	50.52	32.01	-26.34	-	2.35	58.54	73.9	15.3	215	342	-
Hori.	5150.000	AV	39.03	32.01	-26.34	-	2.35	47.05	53.9	6.8	215	342	-
Vert.	5150.000	PK	50.56	32.01	-26.34	-	2.35	58.58	73.9	15.3	200	20	-
Vert.	5150.000	AV	38.98	32.01	-26.34	-	2.35	47.00	53.9	6.9	200	20	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

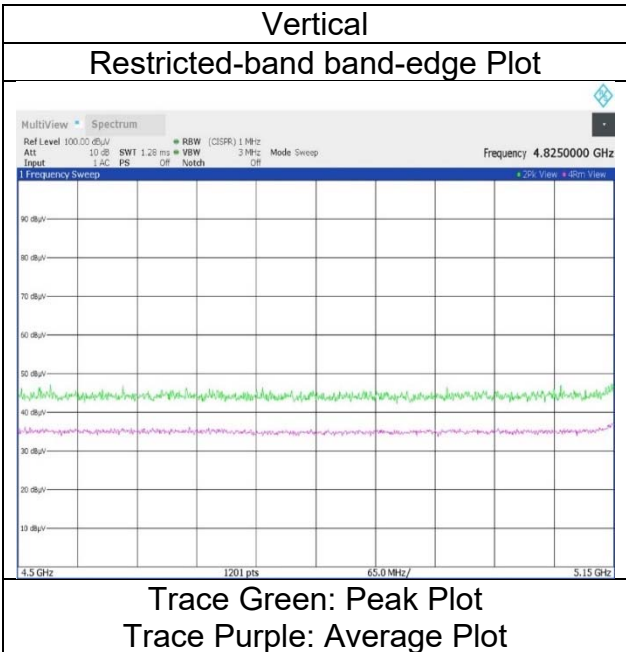
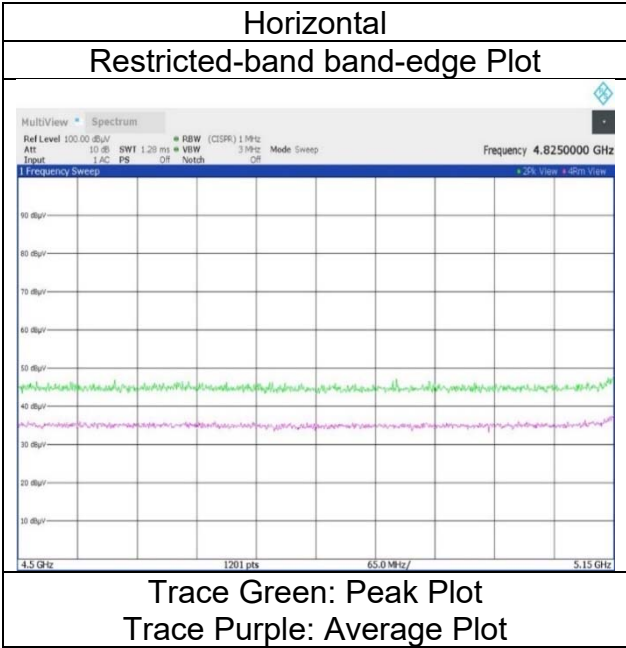
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-40 5190 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-40 5310 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	Fac. [dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5350.000	PK	48.84	31.82	-26.15	-	2.35	56.86	73.9	17.0	268	350	-
Hori.	5350.000	AV	37.82	31.82	-26.15	-	2.35	45.84	53.9	8.0	268	350	-
Vert.	5350.000	PK	48.97	31.82	-26.15	-	2.35	56.99	73.9	16.9	192	11	-
Vert.	5350.000	AV	37.55	31.82	-26.15	-	2.35	45.57	53.9	8.3	192	11	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

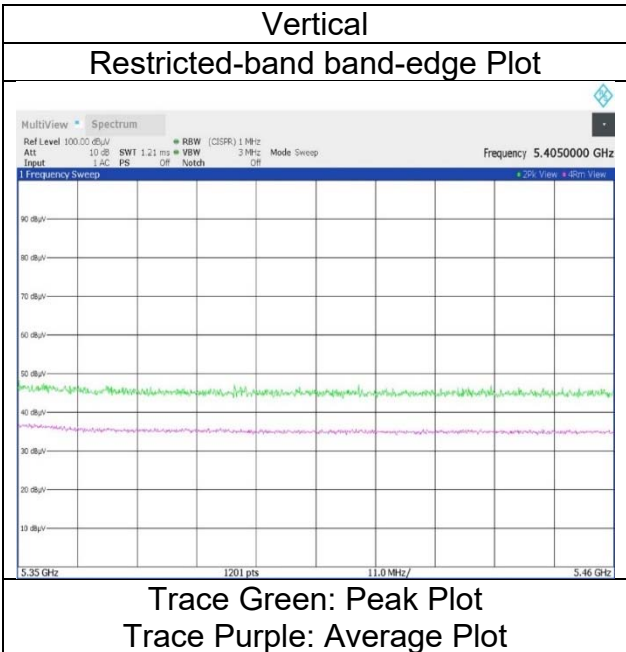
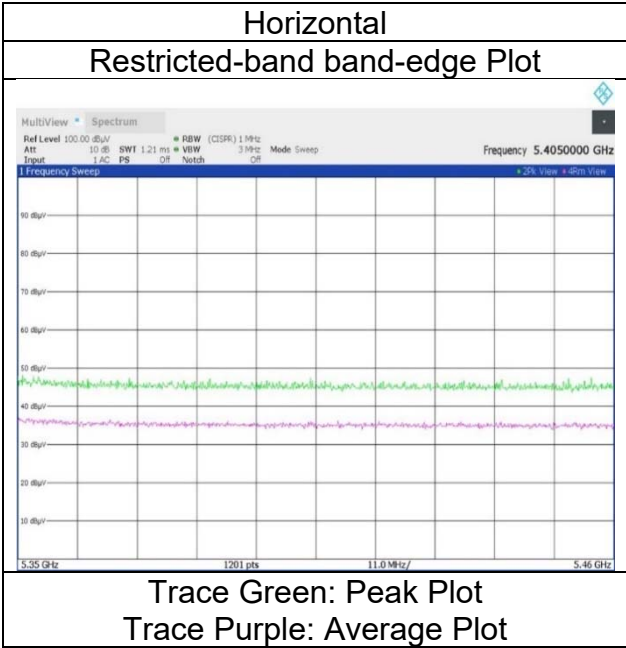
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-40 5310 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-40 5510 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5460.000	PK	48.86	32.24	-26.04	-	2.35	57.41	73.9	16.4	279	40	-
Hori.	5460.000	AV	36.98	32.24	-26.04	-	2.35	45.53	53.9	8.3	279	40	-
Vert.	5460.000	PK	48.11	32.24	-26.04	-	2.35	56.66	73.9	17.2	233	14	-
Vert.	5460.000	AV	36.88	32.24	-26.04	-	2.35	45.43	53.9	8.4	233	14	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5470.000	PK	49.71	32.30	-26.03	-	-	2.35	58.33	-36.90	-27.0	9.9	279	40	-
Vert.	5470.000	PK	49.84	32.30	-26.03	-	-	2.35	58.46	-36.77	-27.0	9.7	233	14	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \log((10^{(Result [dBuV/m] / 20)}) * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{-3})$

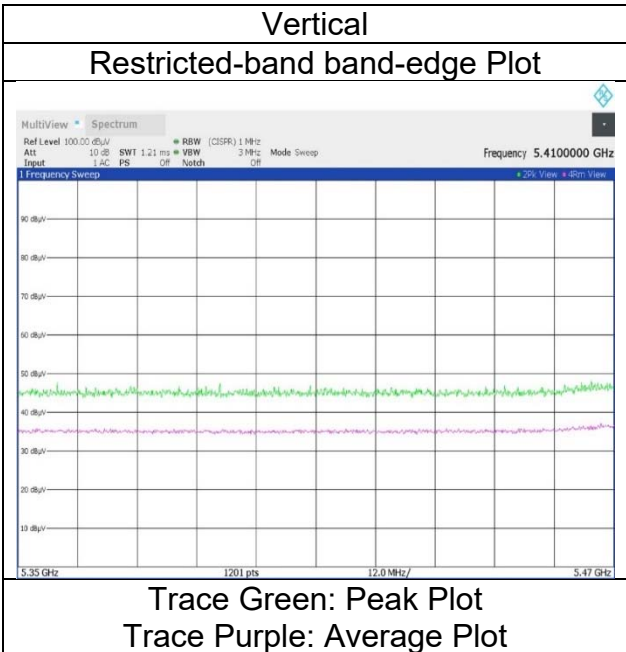
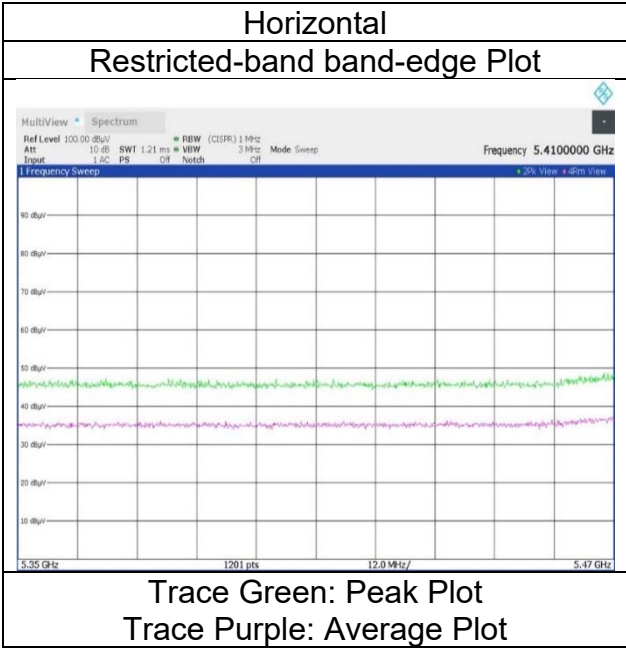
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-40 5510 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-40 5670 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5725.000	PK	48.06	32.90	-26.00	-	-	2.35	57.31	-37.92	-27.0	10.9	112	43	-
Vert.	5725.000	PK	47.94	32.90	-26.00	-	-	2.35	57.19	-38.04	-27.0	11.0	183	17	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

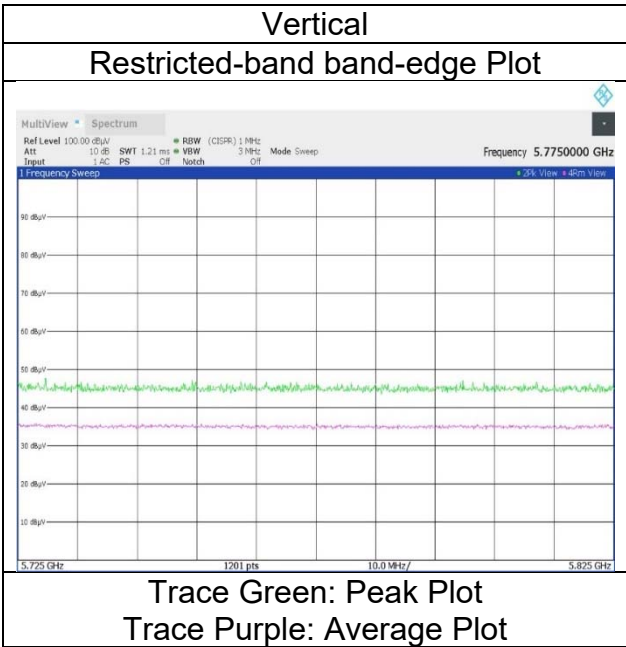
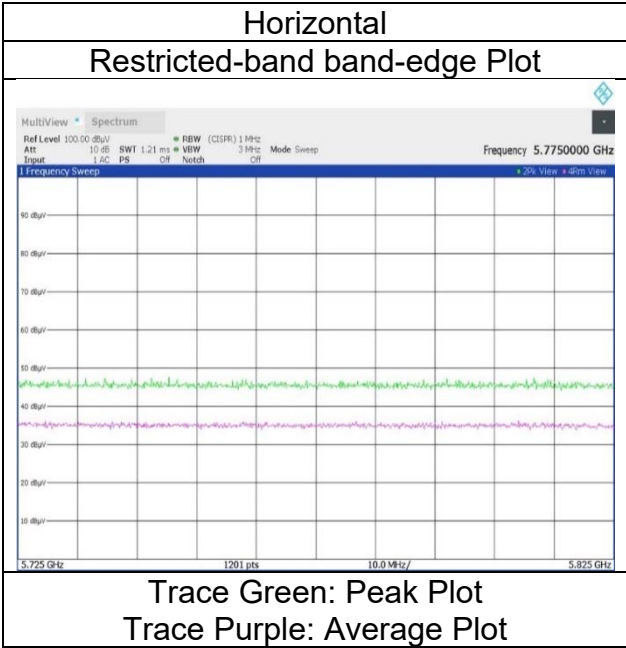
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11ac-40 5670 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-40 5755 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (ERP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5650.000	PK	47.57	32.90	-26.00	-	-	2.35	56.82	-38.41	-27.0	11.4	280	349	-
Hori.	5700.000	PK	48.35	32.91	-26.00	-	-	2.35	57.61	-37.62	10.0	47.6	280	349	-
Hori.	5720.000	PK	52.48	32.90	-26.00	-	-	2.35	61.73	-33.50	15.6	49.1	280	349	-
Hori.	5725.000	PK	52.57	32.90	-26.00	-	-	2.35	61.82	-33.41	27.0	60.4	280	349	-
Vert.	5650.000	PK	47.35	32.90	-26.00	-	-	2.35	56.60	-38.63	-27.0	11.6	205	21	-
Vert.	5700.000	PK	48.10	32.91	-26.00	-	-	2.35	57.36	-37.87	10.0	47.8	205	21	-
Vert.	5720.000	PK	51.74	32.90	-26.00	-	-	2.35	60.99	-34.24	15.6	49.8	205	21	-
Vert.	5725.000	PK	52.08	32.90	-26.00	-	-	2.35	61.33	-33.90	27.0	60.9	205	21	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (ERP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

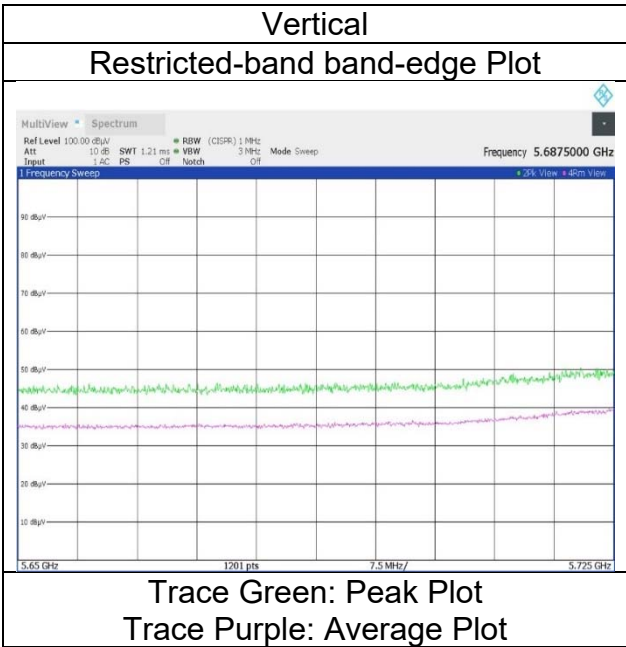
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11ac-40 5755 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-40 5795 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5850.000	PK	48.07	32.91	-25.98	-	-	2.35	57.35	-37.88	27.0	64.8	287	351	-
Hori.	5855.000	PK	47.87	32.91	-25.99	-	-	2.35	57.14	-38.09	15.6	53.6	287	351	-
Hori.	5875.000	PK	47.46	32.94	-25.99	-	-	2.35	56.76	-38.47	10.0	48.4	287	351	-
Hori.	5925.000	PK	47.92	33.07	-25.98	-	-	2.35	57.36	-37.87	-27.0	10.8	287	351	-
Vert.	5850.000	PK	47.47	32.91	-25.98	-	-	2.35	56.75	-38.48	27.0	65.4	216	41	-
Vert.	5855.000	PK	47.48	32.91	-25.99	-	-	2.35	56.75	-38.48	15.6	54.0	216	41	-
Vert.	5875.000	PK	47.31	32.94	-25.99	-	-	2.35	56.61	-38.62	10.0	48.6	216	41	-
Vert.	5925.000	PK	47.77	33.07	-25.98	-	-	2.35	57.21	-38.02	-27.0	11.0	216	41	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

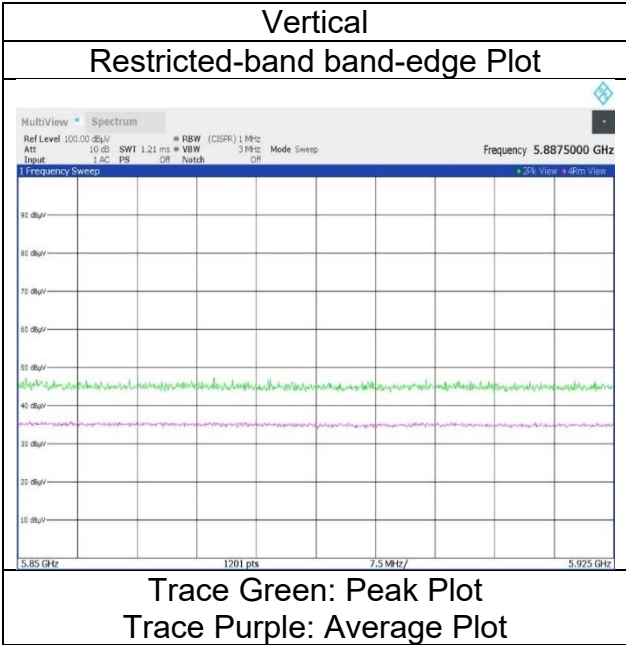
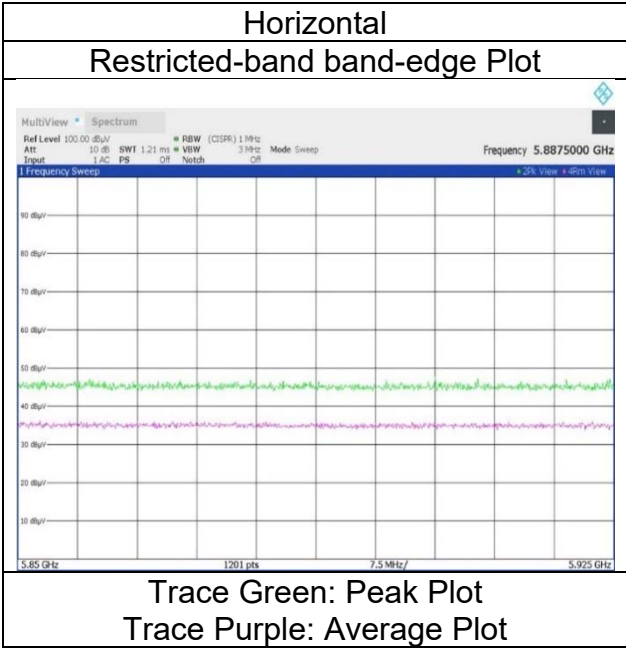
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11ac-40 5795 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-80 5210 MHz												
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	51.34	32.01	-26.34	-	2.35	59.36	73.9	14.5	300	25	-
Hori.	5150.000	AV	40.42	32.01	-26.34	-	2.35	48.44	53.9	5.4	300	25	-
Vert.	5150.000	PK	51.90	32.01	-26.34	-	2.35	59.92	73.9	13.9	149	9	-
Vert.	5150.000	AV	40.74	32.01	-26.34	-	2.35	48.76	53.9	5.1	149	9	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

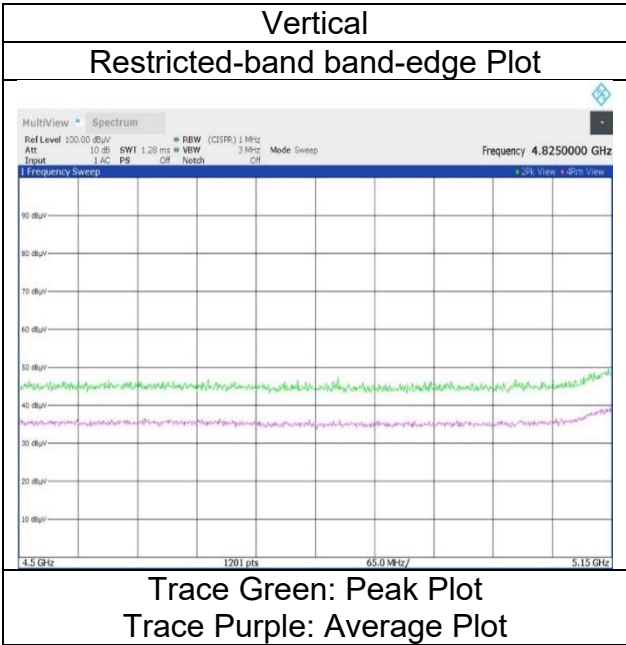
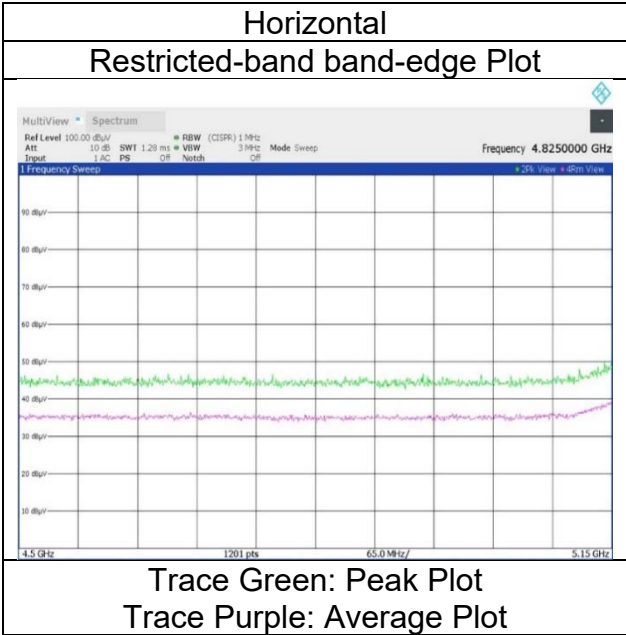
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-80 5210 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-80 5290 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	49.42	31.82	-26.15	-	2.35	57.44	73.9	16.4	226	345	-
Hori.	5350.000	AV	38.32	31.82	-26.15	-	2.35	46.34	53.9	7.5	226	345	-
Vert.	5350.000	PK	49.37	31.82	-26.15	-	2.35	57.39	73.9	16.5	203	43	-
Vert.	5350.000	AV	38.14	31.82	-26.15	-	2.35	46.16	53.9	7.7	203	43	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

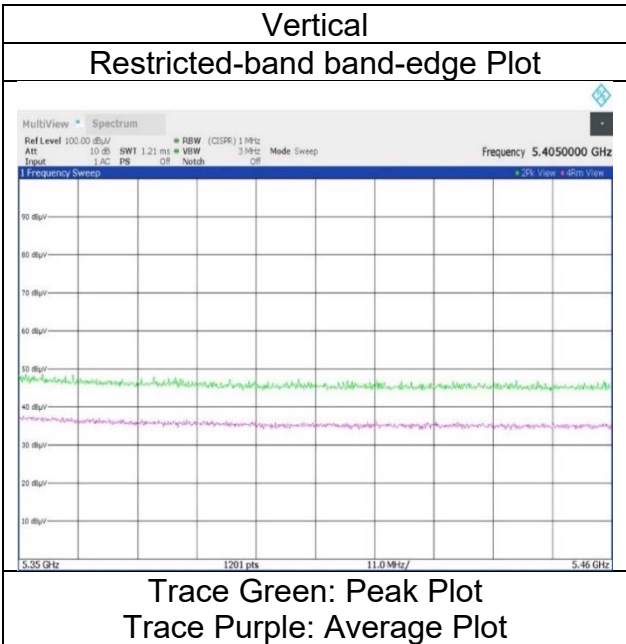
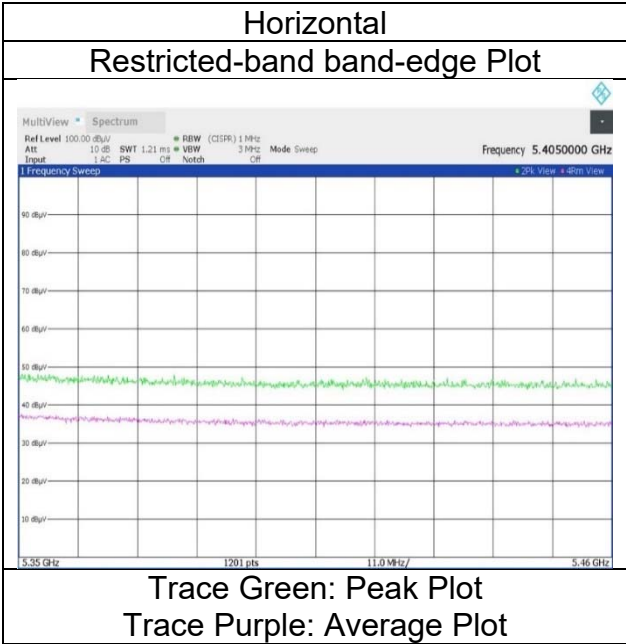
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-80 5290 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-80 5530 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5460.000	PK	50.46	32.24	-26.04	-	2.35	59.01	73.9	14.8	281	34	-
Hori.	5460.000	AV	39.04	32.24	-26.04	-	2.35	47.59	53.9	6.3	281	34	-
Vert.	5460.000	PK	49.51	32.24	-26.04	-	2.35	58.06	73.9	15.8	182	14	-
Vert.	5460.000	AV	38.43	32.24	-26.04	-	2.35	46.98	53.9	6.9	182	14	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5470.000	PK	50.63	32.30	-26.03	-	-	2.35	59.25	-35.98	-27.0	8.9	281	34	-
Vert.	5470.000	PK	49.84	32.30	-26.03	-	-	2.35	58.46	-36.77	-27.0	9.7	182	14	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \log((10^{(Result [dBuV/m] / 20)}) * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{(-3)})$

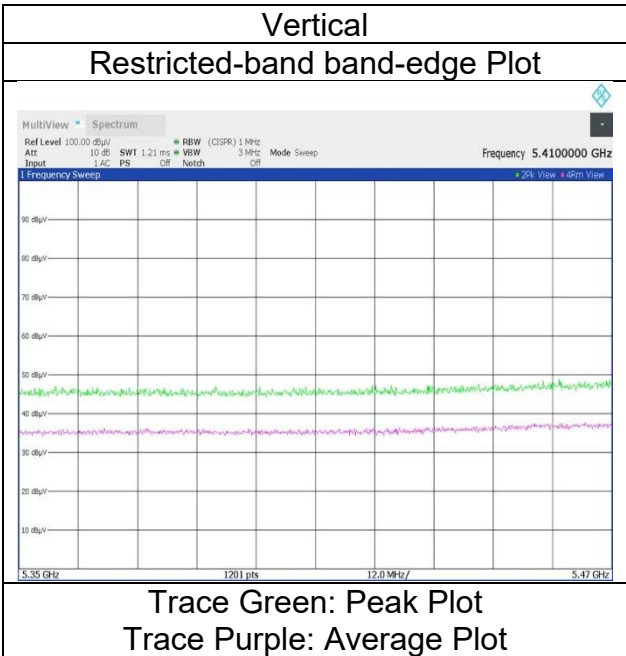
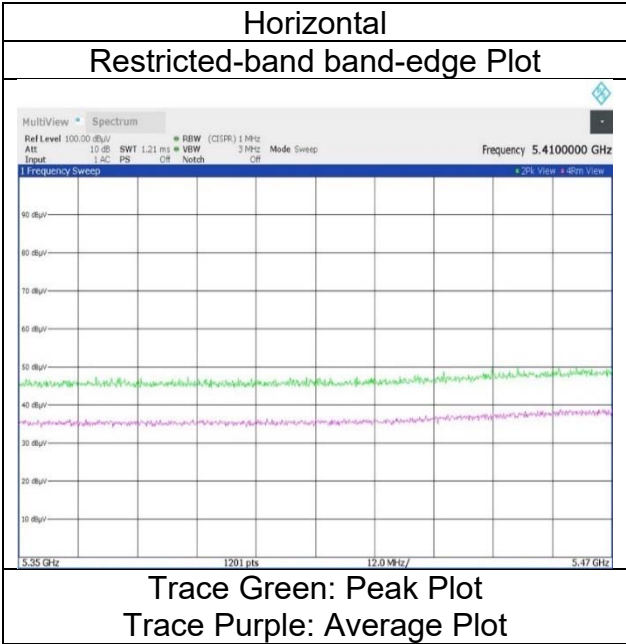
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.93[m] / 3.0[m]) = 2.35 [dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-80 5530 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-80 5610 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (ERP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5725.000	PK	47.89	32.90	-26.00	-	-	2.35	57.14	-38.09	-27.0	11.0	267	340	-
Vert.	5725.000	PK	48.37	32.90	-26.00	-	-	2.35	57.62	-37.61	-27.0	10.6	307	24	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (ERP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

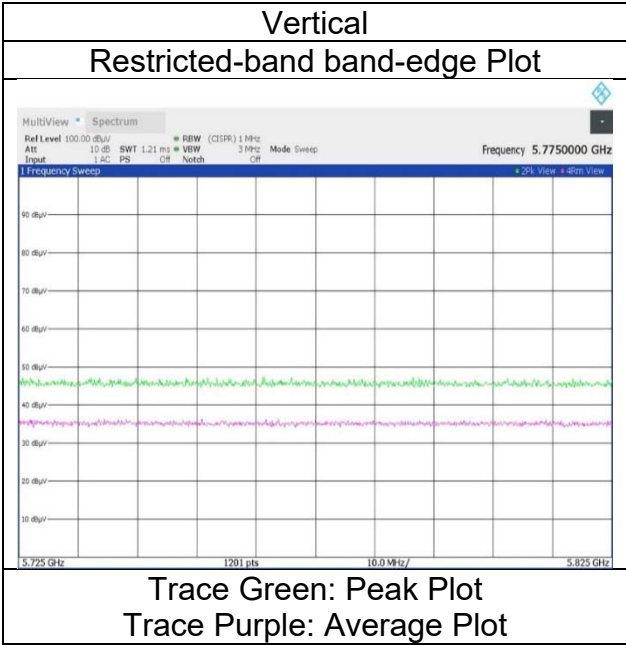
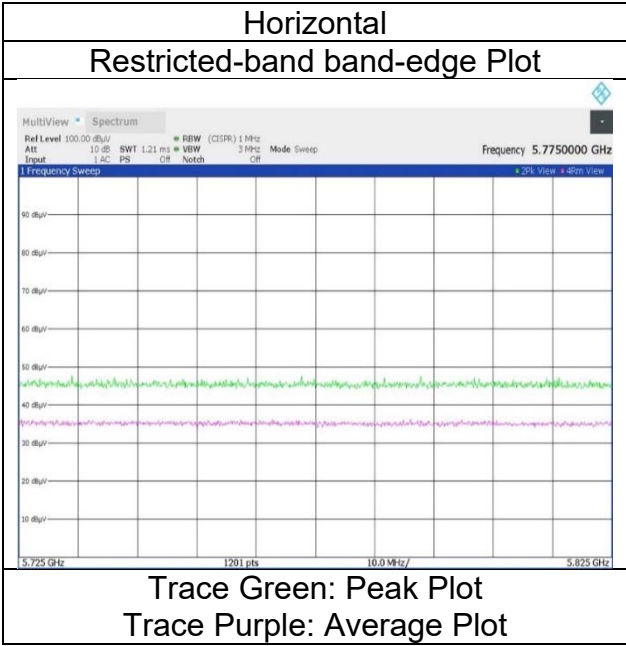
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11ac-80 5610 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-80 5775 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (ERP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	47.84	32.90	-26.00	-	-	2.35	57.09	-38.14	-27.0	11.1	356	351	-
Hori.	5700.000	PK	51.26	32.91	-26.00	-	-	2.35	60.52	-34.71	10.0	44.7	356	351	-
Hori.	5720.000	PK	51.61	32.90	-26.00	-	-	2.35	60.86	-34.37	15.6	49.9	356	351	-
Hori.	5725.000	PK	52.17	32.90	-26.00	-	-	2.35	61.42	-33.81	27.0	60.8	356	351	-
Hori.	5850.000	PK	48.54	32.91	-25.98	-	-	2.35	57.82	-37.41	27.0	64.4	356	351	-
Hori.	5855.000	PK	48.53	32.91	-25.99	-	-	2.35	57.80	-37.43	15.6	53.0	356	351	-
Hori.	5875.000	PK	47.46	32.94	-25.99	-	-	2.35	56.76	-38.47	10.0	48.4	356	351	-
Hori.	5925.000	PK	47.33	33.07	-25.98	-	-	2.35	56.77	-38.46	-27.0	11.4	356	351	-
Vert.	5650.000	PK	48.03	32.90	-26.00	-	-	2.35	57.28	-37.95	-27.0	10.9	208	44	-
Vert.	5700.000	PK	51.45	32.91	-26.00	-	-	2.35	60.71	-34.52	10.0	44.5	208	44	-
Vert.	5720.000	PK	52.00	32.90	-26.00	-	-	2.35	61.25	-33.98	15.6	49.5	208	44	-
Vert.	5725.000	PK	52.12	32.90	-26.00	-	-	2.35	61.37	-33.86	27.0	60.8	208	44	-
Vert.	5850.000	PK	48.36	32.91	-25.98	-	-	2.35	57.64	-37.59	27.0	64.5	208	44	-
Vert.	5855.000	PK	47.93	32.91	-25.99	-	-	2.35	57.20	-38.03	15.6	53.6	208	44	-
Vert.	5875.000	PK	47.66	32.94	-25.99	-	-	2.35	56.96	-38.27	10.0	48.2	208	44	-
Vert.	5925.000	PK	47.50	33.07	-25.98	-	-	2.35	56.94	-38.29	-27.0	11.2	208	44	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

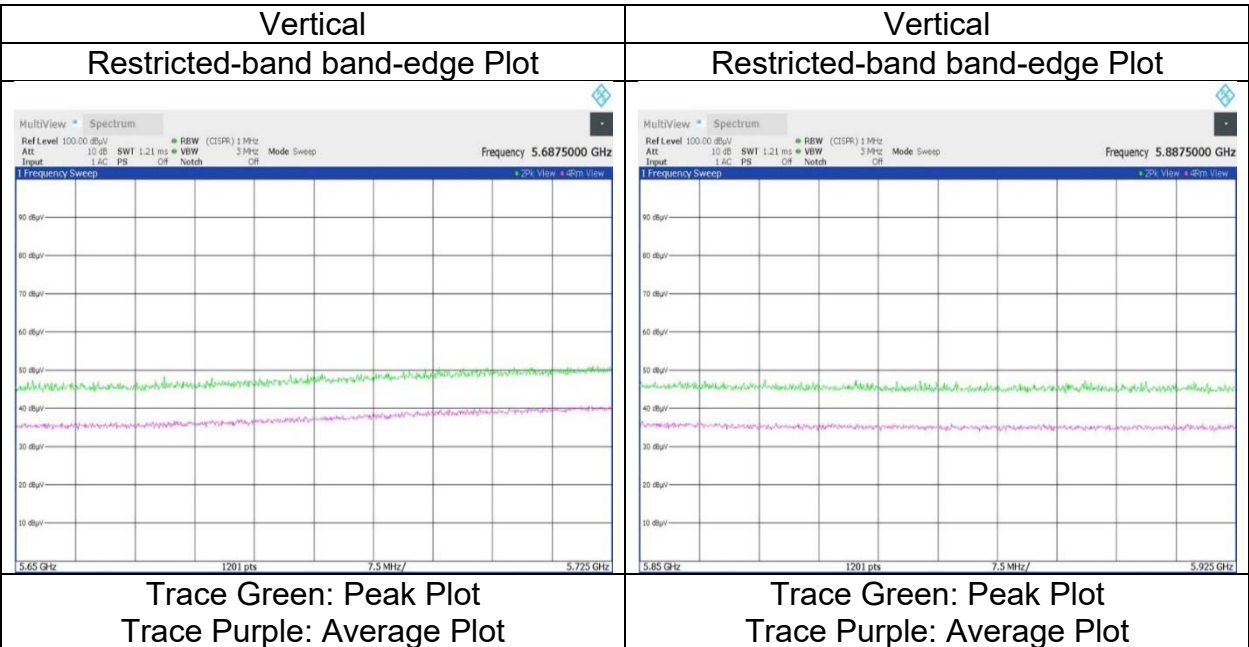
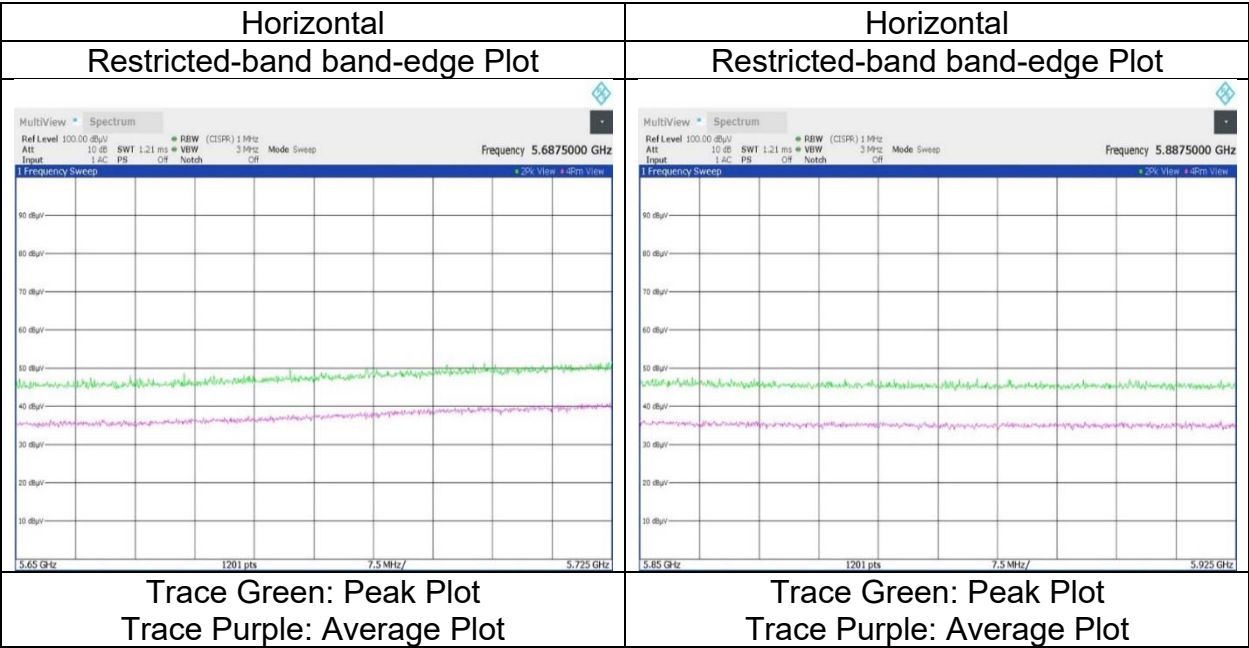
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11ac-80 5775 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 30, 2025	WAC1	20 deg. C	61 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



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

Radiated Spurious Emission

Mode	Tx 11a 5180 MHz + Tx BT LE 2M-PHY 2402 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 18 GHz
June 1, 2025	WAC1	21 deg. C	58 % RH	Takayuki Kobayashi	Above 18 GHz
May 23, 2025	WAC1	22 deg. C	57 % RH	Miku Ikudome	Below 1 GHz

(below 1 GHz and above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	214.195	QP	34.50	11.21	7.25	33.64	0.00	19.32	43.5	24.1	116	352	-
Hori.	274.271	QP	42.53	13.13	7.44	33.61	0.00	29.49	46.0	16.5	117	345	-
Hori.	314.830	QP	34.08	14.02	7.57	33.55	0.00	22.12	46.0	23.8	100	145	-
Hori.	541.504	QP	37.05	17.71	8.15	32.93	0.00	29.98	46.0	16.0	100	145	-
Hori.	4804.000	PK	48.95	31.49	-26.46	-	2.35	56.33	73.9	17.5	263	348	-
Hori.	5150.000	PK	49.16	32.01	-26.34	-	2.35	57.18	73.9	16.7	263	348	-
Hori.	15540.000	PK	47.82	39.47	-30.15	-	-9.54	47.60	73.9	26.3	150	0	Floor Noise
Hori.	20720.000	PK	43.46	40.12	13.03	47.00	-9.54	40.07	73.9	33.8	155	90	-
Hori.	4804.000	AV	37.79	31.49	-26.46	-	2.35	45.17	53.9	8.7	263	348	-
Hori.	5150.000	AV	37.52	32.01	-26.34	-	2.35	45.54	53.9	8.3	263	348	-
Hori.	15540.000	AV	37.15	39.47	-30.15	-	-9.54	36.93	53.9	16.9	150	0	Floor Noise
Hori.	20720.000	AV	32.28	40.12	13.03	47.00	-9.54	28.89	53.9	25.0	155	90	-
Vert.	214.218	QP	40.21	11.21	7.25	33.64	0.00	25.03	43.5	18.4	102	34	-
Vert.	254.453	QP	31.16	11.99	7.37	33.62	0.00	16.90	46.0	29.1	182	223	-
Vert.	329.707	QP	35.40	14.54	7.62	33.52	0.00	24.04	46.0	21.9	150	166	-
Vert.	543.527	QP	36.27	17.73	8.16	32.93	0.00	29.23	46.0	16.7	200	193	-
Vert.	4804.000	PK	48.00	31.49	-26.46	-	2.35	55.38	73.9	18.5	180	8	-
Vert.	5150.000	PK	48.36	32.01	-26.34	-	2.35	56.38	73.9	17.5	180	8	-
Vert.	15540.000	PK	47.76	39.47	-30.15	-	-9.54	47.54	73.9	26.3	150	0	Floor Noise
Vert.	20720.000	PK	43.21	40.12	13.03	47.00	-9.54	39.82	73.9	34.0	152	127	-
Vert.	4804.000	AV	37.68	31.49	-26.46	-	2.35	45.06	53.9	8.8	180	8	-
Vert.	5150.000	AV	37.23	32.01	-26.34	-	2.35	45.25	53.9	8.6	180	8	-
Vert.	15540.000	AV	37.00	39.47	-30.15	-	-9.54	36.78	53.9	17.1	150	0	Floor Noise
Vert.	20720.000	AV	32.43	40.12	13.03	47.00	-9.54	29.04	53.9	24.8	152	127	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	10360.000	PK	50.21	36.13	-33.02	-	-	-9.54	43.78	-51.45	-27.0	24.4	157	354	-
Hori.	25900.000	PK	44.32	40.64	14.61	47.00	-	-9.54	43.03	-52.20	-27.0	25.2	150	0	Floor Noise
Vert.	10360.000	PK	50.59	36.13	-33.02	-	-	-9.54	44.16	-51.07	-27.0	24.0	164	2	-
Vert.	25900.000	PK	44.61	40.64	14.61	47.00	-	-9.54	43.32	-51.91	-27.0	24.9	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

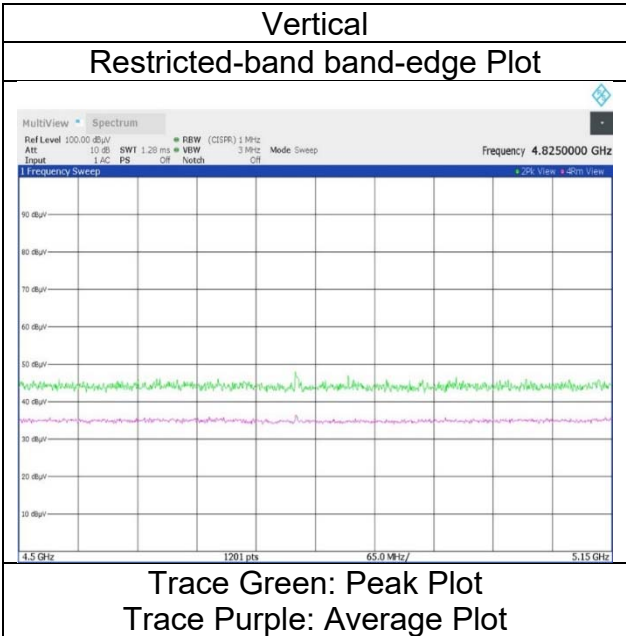
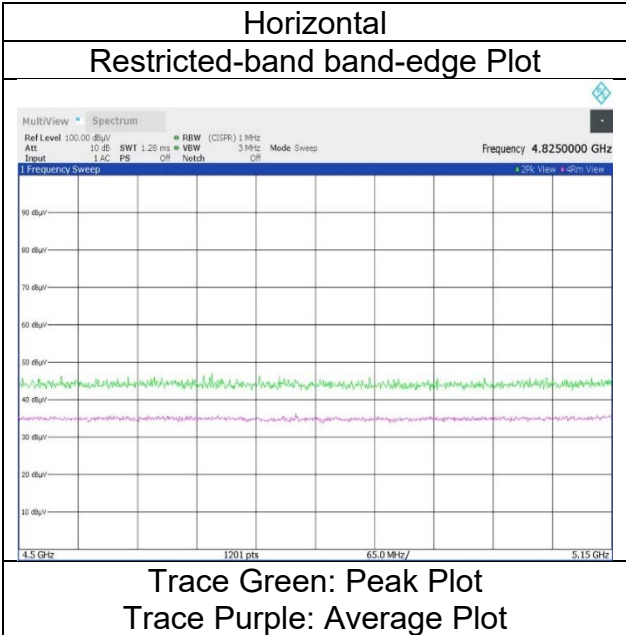
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

Mode	Tx 11a 5180 MHz + Tx BT LE 2M-PHY 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 18 GHz



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

Radiated Spurious Emission

Mode	Tx 11ac-80 5210 MHz + Tx BT LE 2M-PHY 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 18 GHz
June 1, 2025	WAC1	21 deg. C	58 % RH	Takayuki Kobayashi	Above 18 GHz
June 1, 2025	WAC1	21 deg. C	58 % RH	Takayuki Kobayashi	Below 1 GHz

(below 1 GHz and above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	214.186	QP	33.50	11.21	7.25	33.64	0.00	18.32	43.5	25.1	122	194	-
Hori.	274.287	QP	43.70	13.13	7.44	33.61	0.00	30.66	46.0	15.3	119	183	-
Hori.	351.524	QP	40.20	15.05	7.68	33.47	0.00	29.46	46.0	16.5	115	40	-
Hori.	553.399	QP	34.80	17.84	8.18	32.90	0.00	27.92	46.0	18.0	156	254	-
Hori.	4804.000	PK	48.77	31.49	-26.46	-	2.35	56.15	73.9	17.7	286	357	-
Hori.	5150.000	PK	51.13	32.01	-26.34	-	2.35	59.15	73.9	14.7	286	357	-
Hori.	15630.000	PK	47.51	39.51	-30.14	-	-9.54	47.34	73.9	26.5	150	0	Floor Noise
Hori.	20840.000	PK	44.29	40.10	13.08	47.03	-9.54	40.90	73.9	33.0	151	289	-
Hori.	4804.000	AV	37.54	31.49	-26.46	-	2.35	44.92	53.9	8.9	286	357	-
Hori.	5150.000	AV	39.68	32.01	-26.34	-	2.35	47.70	53.9	6.2	286	357	-
Hori.	15630.000	AV	37.11	39.51	-30.14	-	-9.54	36.94	53.9	16.9	150	0	Floor Noise
Hori.	20840.000	AV	33.27	40.10	13.08	47.03	-9.54	29.88	53.9	24.0	151	289	-
Vert.	214.162	QP	31.00	11.21	7.25	33.64	0.00	15.82	43.5	27.6	110	170	-
Vert.	254.332	QP	30.20	11.99	7.37	33.62	0.00	15.94	46.0	30.0	111	202	-
Vert.	342.417	QP	32.90	14.91	7.66	33.49	0.00	21.98	46.0	24.0	130	58	-
Vert.	568.156	QP	29.10	18.22	8.21	32.87	0.00	22.66	46.0	23.3	131	248	-
Vert.	4804.000	PK	49.88	31.49	-26.46	-	2.35	57.26	73.9	16.6	229	16	-
Vert.	5150.000	PK	51.15	32.01	-26.34	-	2.35	59.17	73.9	14.7	229	16	-
Vert.	15630.000	PK	47.43	39.51	-30.14	-	-9.54	47.26	73.9	26.6	150	0	Floor Noise
Vert.	20840.000	PK	44.02	40.10	13.08	47.03	-9.54	40.63	73.9	33.2	141	332	-
Vert.	4804.000	AV	37.47	31.49	-26.46	-	2.35	44.85	53.9	9.0	229	16	-
Vert.	5150.000	AV	39.85	32.01	-26.34	-	2.35	47.87	53.9	6.0	229	16	-
Vert.	15630.000	AV	37.02	39.51	-30.14	-	-9.54	36.85	53.9	17.0	150	0	Floor Noise
Vert.	20840.000	AV	33.12	40.10	13.08	47.03	-9.54	29.73	53.9	24.1	141	332	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

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

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

(Calculation) (above 1 GHz Outside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	10420.000	PK	47.66	36.21	-32.92	-	-	-9.54	41.41	-53.82	-27.0	26.8	160	358	-
Hori.	26050.000	PK	46.78	40.57	14.63	47.04	-	-9.54	45.40	-49.83	-27.0	22.8	150	0	Floor Noise
Vert.	10420.000	PK	47.81	36.21	-32.92	-	-	-9.54	41.56	-53.67	-27.0	26.6	159	12	-
Vert.	26050.000	PK	46.97	40.57	14.63	47.04	-	-9.54	45.59	-49.64	-27.0	22.6	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

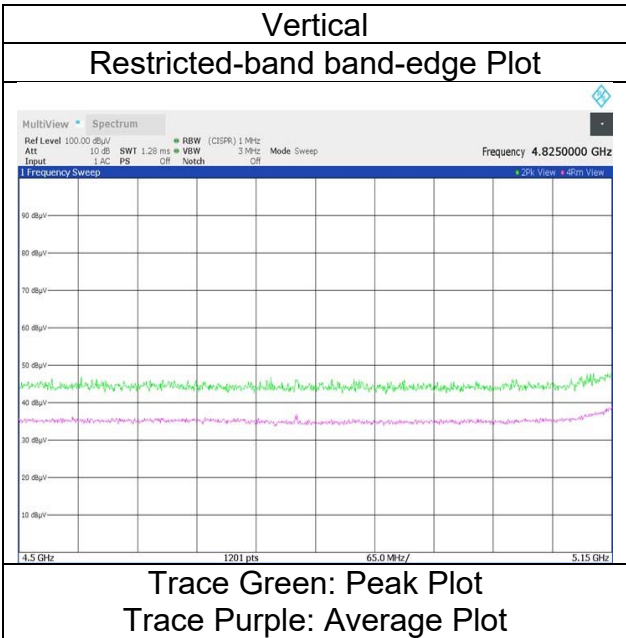
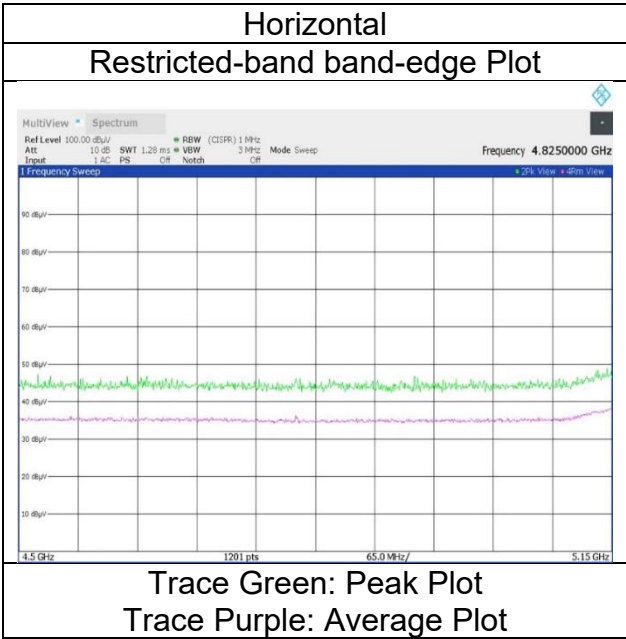
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.93 [m] / 3.0 [m]) = 2.35 [dB]

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

Radiated Spurious Emission

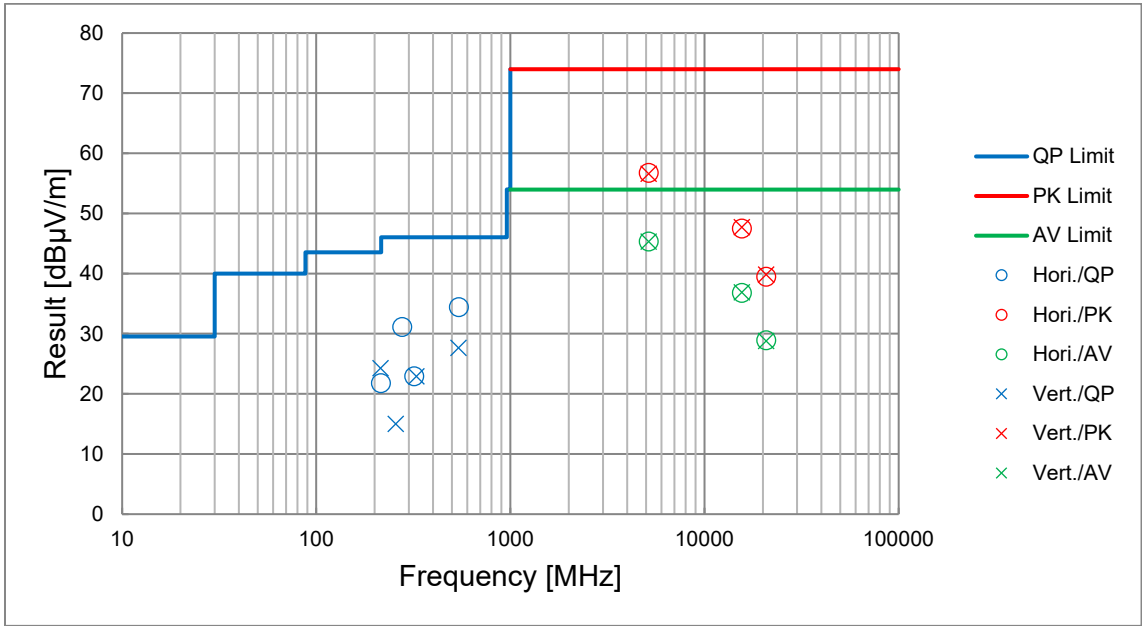
Mode	Tx 11ac-80 5210 MHz + Tx BT LE 2M-PHY 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 18 GHz
June 1, 2025	WAC1	21 deg. C	58 % RH	Takayuki Kobayashi	Above 18 GHz
June 1, 2025	WAC1	21 deg. C	58 % RH	Takayuki Kobayashi	Below 1 GHz



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

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

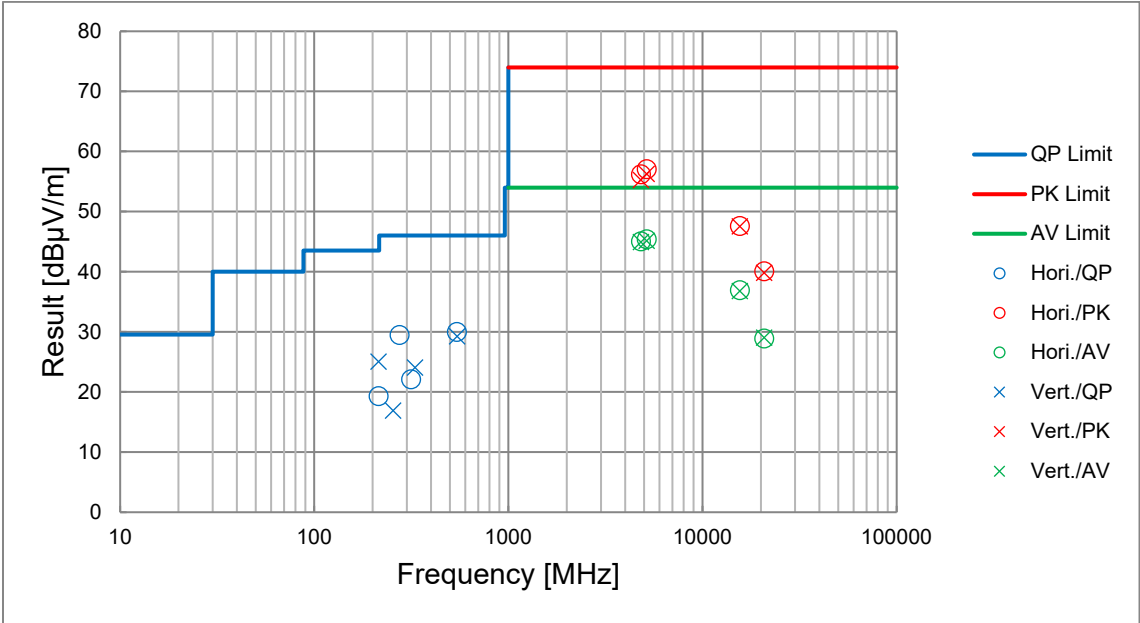
Mode	Tx 11a 5180 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 28, 2025	WAC1	21 deg. C	58 % RH	Shiro Kobayashi	1 GHz to 10 GHz
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	10 GHz to 18 GHz
June 1, 2025	WAC1	21 deg. C	58 % RH	Takayuki Kobayashi	Above 18 GHz
May 23, 2025	WAC1	22 deg. C	57 % RH	Miku Ikudome	Below 1 GHz



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

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

Mode	Tx 11a 5180 MHz + Tx BT LE 2M-PHY 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
May 31, 2025	WAC1	23 deg. C	58 % RH	Hiromasa Sato	1 GHz to 18 GHz
June 1, 2025	WAC1	21 deg. C	58 % RH	Takayuki Kobayashi	Above 18 GHz
May 23, 2025	WAC1	22 deg. C	57 % RH	Miku Ikudome	Below 1 GHz



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

APPENDIX 2: Test Instruments

Test Equipment (1/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
CE	199786	Attenuator	JFW	50HF-006N	-	2024/06/14	12
CE	145036	Coaxial Cable&RF Selector	Suhner/Suhner/TOYO	RG223U/141PE/NS 4906	-/0901-271(RF Selector)	2025/04/05	12
CE	146210	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997823	2024/09/24	12
CE	145542	LISN	Rohde & Schwarz	ENV216	100516	2025/02/01	12
CE	146432	Tape Measure	TAJIMA	GL19-55	-	-	-
CE	213530	Test Receiver	Rohde & Schwarz	ESW44	103068	2025/02/12	12
CE	191840	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2024/08/12	12
CE,RE	170932	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3(RE,CE,ME,PE)	Ver 3.1.0546	-	-
RE	199784	Attenuator	JFW	50HF-006N	-	2024/06/14	12
RE	239786	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHBB 9124+BBA9106	01895	2024/08/10	12
RE	196945	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803414/2	2025/03/13	12
RE	236710	Coaxial Cable	Hayashi-Repic co., Ltd.	KMS020B-GL140sE-KMS020B-7.0m	47256-03-01	2025/05/27	12
RE	236723	Coaxial Cable	Hayashi-Repic co., Ltd.	SF106(HUBER+SUHNER)/LMR400UF/GL310C/GL310C	2000429/47753-1/47256-01-03/47256-01-01	2025/05/12	12
RE	239643	Coaxial Cable	Junkosha	MWX221-01000NFSNMS/B	2306S021	2024/08/20	12
RE	243209	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-NFS13-1.0m	49190-01-01	2024/12/05	12
RE	243687	Coaxial Cable	Hayashi-Repic co., Ltd.	NMS079B-GL310C-NMS079B-6.0m	49373-01-01	2024/12/05	12
RE	243689	Coaxial Cable	Huber+Suhner	GL310C(Hayashi-Repic)/SF106/SF106	49373-01-01/2000781/2001160	2024/12/17	12
RE	235639	DIGITAL MULTIMETER	HIOKI E. E. CORPORATION	DT4261	230313156	2025/05/22	12
RE	145512	Horn Antenna	ETS-Lindgren	3160-09	00094868	2024/06/20	12
RE	145514	Horn Antenna	ETS-Lindgren	3160-10	00092383	2024/06/20	12
RE	236686	Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	787	2025/04/01	12
RE	236769	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000111	2025/04/01	12
RE	145527	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	193	2025/03/18	12
RE	145005	Pre Amplifier	Toyo Corporation	TPA0118-36	2046104	2025/02/25	12
RE	145129	Pre Amplifier	Toyo Corporation	HAP26-40W	B3208602403-176	2025/05/28	12
RE	236966	Pre Amplifier	TSJ (Techno Science Japan)	MLA-9K01-L01	23050009	2025/02/19	12

Test Equipment (2/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	237784	RF RELAY MATRIX with preamplifier	TSJ (Techno Science Japan)	RFM-E221261R	07795	2024/11/12	12
RE	236212	Semi-Anechoic Chamber	TDK	SWAC-01(NSA)	1	2025/05/12	12
RE	236616	Semi-Anechoic Chamber	TDK	SWAC-01(SVSWR)	1	2024/06/04	12
RE	207280	Tape Measure	ASKUL	-	-	-	-
RE	235267	Test Receiver	Rohde & Schwarz	ESW44	103018	2025/03/18	12
RE	235735	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2025/04/16	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