

RADIO TEST REPORT

Test Report No. 16222715H-A-R1

Customer	DENSO TEN Limited
Description of EUT	Car Audio
Model Number of EUT	TN0052E
FCC ID	BABTN0052E
Test Regulation	FCC Part 15 Subpart C
Test Result	Complied
Issue Date	May 14, 2026
Remarks	Wireless LAN (2.4 GHz band) and Bluetooth Low Energy part(s)

Representative Test EngineerJunya Okuno
Engineer**Approved By**Ryota Yamanaka
Engineer

CERTIFICATE 5107.02

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

Report Cover Page - Form-ULID-003532 (DCS:13-EM-F0429) Issue# 26.0

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- 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)	16222715H-A	April 20, 2026	-
1	16222715H-A-R1	May 14, 2026	SECTION 2.2: Radio Specification - Deletion of notes related to simultaneous transmission SECTION 3.3 -Correction of note number from *1) to *2) SECTION 4.1 - Correction of channel designation from Mid to Low SECTION 4.2: List of Cables Used for Antenna Terminal Conducted Tests - Correction of Shield information (both Cable and Connector) for No. 13, 14 From Unshielded to Shielded APPENDIX 1: Maximum Peak Output Power - Correction of test result for 11b, 11g, 11n-20 and 11ax-20(OFDM)

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	DENSO TEN Limited
Address	2-28, Goshō-Dōri 1-Chōme, Hyōgo-ku, Kobe, 652-8510, Japan
Telephone Number	+81-50-1727-9598
Contact Person	Kaoru Abe

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	Car Audio
Model Number	TN0052E
Serial Number	Refer to SECTION 4.2
Condition	Production prototype (Not for Sale: This sample is equivalent to mass-produced items.)
Modification	No Modification by the test lab
Receipt Date	February 20, 2026
Test Date	February 22 to March 16, 2026

2.2 Product Description

General Specification

Rating	DC 12 V
Operating temperature	-30 deg. C to 65 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.

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

Equipment Type	Transceiver	
Frequency of Operation	2412 MHz to 2462 MHz	
Type of Modulation	DSSS, OFDM	
	OFDMA (IEEE802.11ax Only)	26/52/106/242-tone RU
Antenna Gain ^{a)}	-0.43 dBi	

Bluetooth (BR/EDR/Low Energy)

Equipment Type	Transceiver	
Frequency of Operation	2402 MHz to 2480 MHz	
Type of Modulation	FHSS (GFSK, $\pi/4$ DQPSK, 8 DPSK) GFSK	
Antenna Gain	-0.95 dBi	

AM/FM

Equipment Type	Receiver	
Frequency of Operation	AM: 522 kHz to 1710 kHz FM: Band II: 87.5 MHz to 108.0 MHz	
Type of Modulation	AM FM	
Antenna Connector Type	HFC IV	
Impedance	75 ohm	

SECTION 3: Test Summary

3.1 Test Specification

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

3.2 Reference Standards

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

3.3 Summary of Test Results

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

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

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

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

FCC Part 15.31 (e)

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

FCC Part 15.203/212 Antenna requirement

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

3.4 Addition to Standard

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

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

3.5 Uncertainty

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

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

Radiated emission

Measurement distance	Frequency range		Unit	Calculated Uncertainty (+/-)
3 m	9 kHz to 30 MHz		dB	4.8
10 m			dB	4.7
3 m	30 MHz to 200 MHz	Horizontal	dB	5.0
		Vertical	dB	5.0
	200 MHz to 1000 MHz	Horizontal	dB	5.2
		Vertical	dB	6.2
10 m	30 MHz to 200 MHz	Horizontal	dB	5.5
		Vertical	dB	5.4
	200 MHz to 1000 MHz	Horizontal	dB	5.5
		Vertical	dB	5.5
3 m	1 GHz to 6 GHz		dB	5.1
	6 GHz to 18 GHz		dB	5.5
1 m	6 GHz to 18 GHz		dB	5.5
	18 GHz to 26.5 GHz		dB	5.7
	26.5 GHz to 40 GHz		dB	4.8
0.5 m	18 GHz to 40 GHz		dB	5.8

Antenna Terminal Conducted

Item	Unit	Calculated Uncertainty (+/-)
Antenna terminated conducted emission / Power density / Burst power	dB	3.50
Adjacent channel power (ACP)	dB	2.32
Bandwidth (OBW)	%	0.96
Time readout (time span upto 100 msec)	%	0.11
Time readout (time span upto 1000 msec)	%	0.11
Time readout (time span upto 60 sec)	%	0.02
Power measurement (Power meter < 8GHz)	dB	1.43
Power measurement (Call box < 6 GHz)	dB	1.89
Frequency readout (Frequency counter)	Ratio	6.7.E-07
Frequency readout (Spectrum analyzer frequency readout function)	Ratio	2.1.E-06
Temperature (constant temperature bath)	deg.C	0.69
Humidity (constant temperature bath)	%RH	2.98
Modulation characteristics	%	6.93
Frequency for mobile	Ratio	8.0.E-08
Contention-based protocol	dB	2.97

3.6 Test Location

UL Japan, Inc. Ise EMC Lab.

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

Telephone: +81-596-24-8999

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

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

Test site	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Other rooms	Maximum measurement distance
No.1 semi-anechoic chamber (SAC1)	19.2 x 11.2 x 7.7	7.0 x 6.0	No.1 Power source room	10 m
No.2 semi-anechoic chamber (SAC2)	7.5 x 5.8 x 5.2	4.0 x 4.0	-	3 m
No.3 semi-anechoic chamber (SAC3)	12.0 x 8.5 x 5.9	6.8 x 5.75	No.3 Preparation room (PR3)	3 m
No.3 shielded room (SR3)	4.0 x 6.0 x 2.7	N/A	-	-
No.4 semi-anechoic chamber (SAC4)	12.0 x 8.5 x 5.9	6.8 x 5.75	No.4 Preparation room (PR4)	3 m
No.4 shielded room (SR4)	4.0 x 6.0 x 2.7	N/A	-	-
No.5 semi-anechoic chamber (SAC5)	6.0 x 6.0 x 3.9	6.0 x 6.0	-	-
No.5 measurement room (MR5)	6.4 x 6.4 x 3.0	6.4 x 6.4	-	-
No.6 shielded room (SR6)	4.0 x 4.5 x 2.7	4.0 x 4.5	-	-
No.6 measurement room (MR6)	4.75 x 5.4 x 3.0	4.75 x 4.15	-	-
No.7 shielded room (SR7)	4.7 x 7.5 x 2.7	4.7 x 7.5	-	-
No.8 measurement room (MR8)	3.1 x 5.0 x 2.7	3.1 x 5.0	-	-
No.9 measurement room (MR9)	8.8 x 4.6 x 2.8	2.4 x 2.4	-	-
No.10 shielded room (SR10)	3.8 x 2.8 x 2.8	3.8 x 2.8	-	-
No.11 measurement room (MR11)	4.0 x 3.4 x 2.5	N/A	-	-
No.12 measurement room (MR12)	2.6 x 3.4 x 2.5	N/A	-	-
Large Chamber	16.9 x 22.1 x 10.17	16.9 x 22.1	-	10 m
Small Chamber	5.3 x 6.69 x 3.59	5.3 x 6.69	-	-

3.7 Test Data, Test Instruments, and Test Set Up

Refer to APPENDIX.

SECTION 4: Operation of EUT during testing

4.1 Operating Mode(s)

Mode	Remarks*
IEEE 802.11b (11b)	5.5 Mbps, PN9
IEEE 802.11g (11g)	24 Mbps, PN9
IEEE 802.11n SISO 20 MHz BW (11n-20)	MCS 4, PN9
IEEE 802.11ax (OFDM) SISO 20 MHz BW (11ax-20)	MCS 6, PN9
*The worst condition was determined based on the test result of Maximum Peak Output Power (Low Channel)	
*Power of the EUT was set by the software as follows;	
Power Setting:	CCK: 11 OFDM: 5 OFDMA: -5 (26-tone RU), -2 (52tone-RU), 1 (106tone-RU), 4.5 (242tone-RU)
Software:	Qualcomm Radio Control Toolkit Version: 4.0.209.0 (Date: 2022.08.17, Storage location: Driven by connected PC)
*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 Operating Mode(s)

Test Item	Operating Mode	Tested Frequency
Radiated Spurious Emission (Below 1 GHz) Conducted Spurious Emission	Tx 11ax-20 *1)	2412 MHz
Radiated Spurious Emission (Above 1 GHz), Maximum Peak Output Power, 6 dB Bandwidth, 99% Occupied Bandwidth, Power Density	Tx 11b Tx 11g Tx 11n-20 Tx 11ax-20	2412 MHz 2437 MHz 2462 MHz
*1) The mode was tested as a representative, because it had the highest power at antenna terminal test.		

[BT LE]

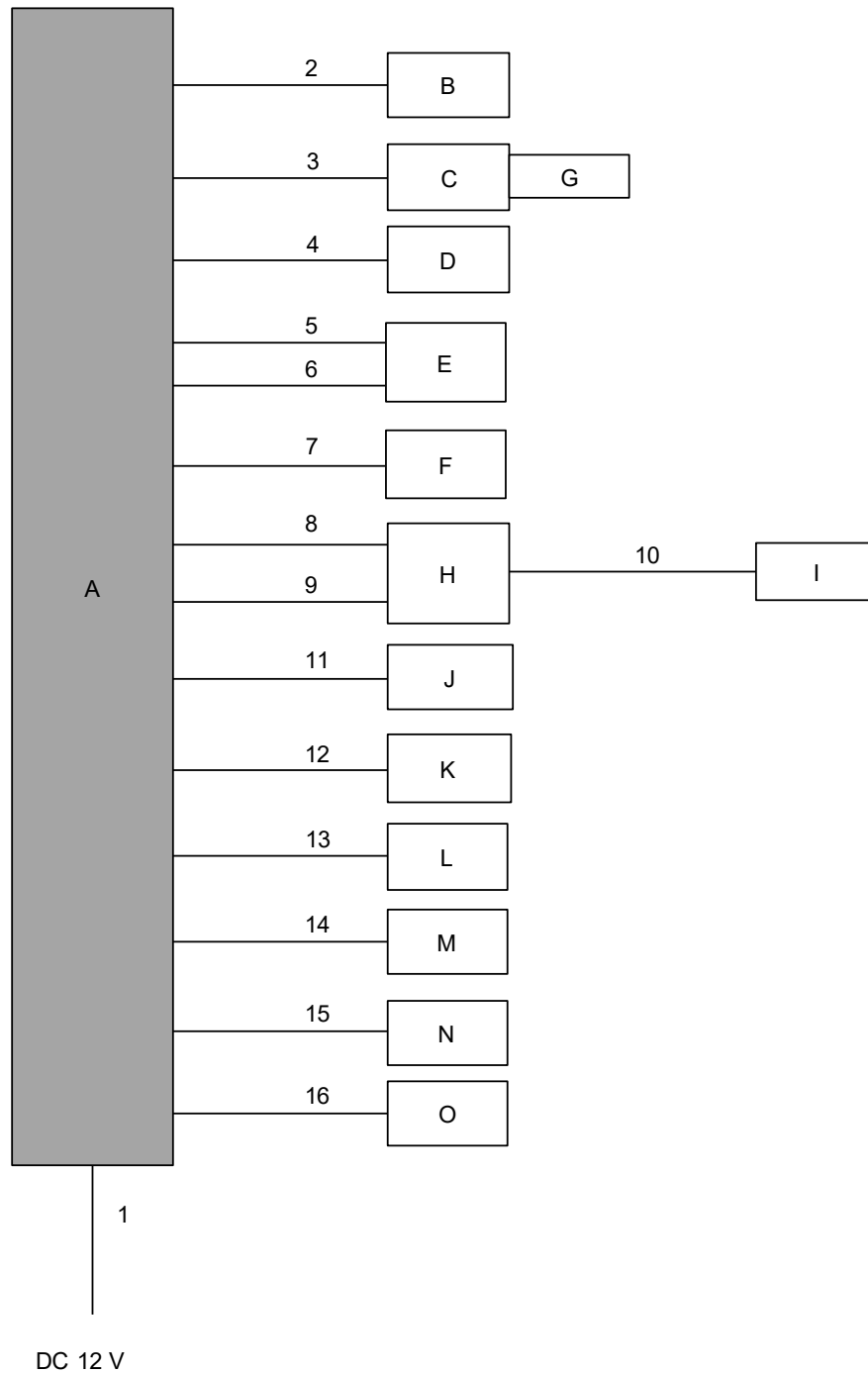
Mode	Remarks*
Bluetooth Low Energy (BT LE)	Uncoded 1M-PHY (1M), Maximum Packet Size, PRBS9
Bluetooth Low Energy (BT LE)	Uncoded 2M-PHY (2M), Maximum Packet Size, PRBS9
*Power of the EUT was set by the software as follows; Power Setting: 0 dBm Software: Qualcomm Radio Control Toolkit Version: 4.0.209.0 (Date: 2022.08.17, Storage location: Driven by connected PC) *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.	

*The Details of Operating Mode(s)

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

4.2 Configuration and Peripherals

For Radiated Spurious Emission



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

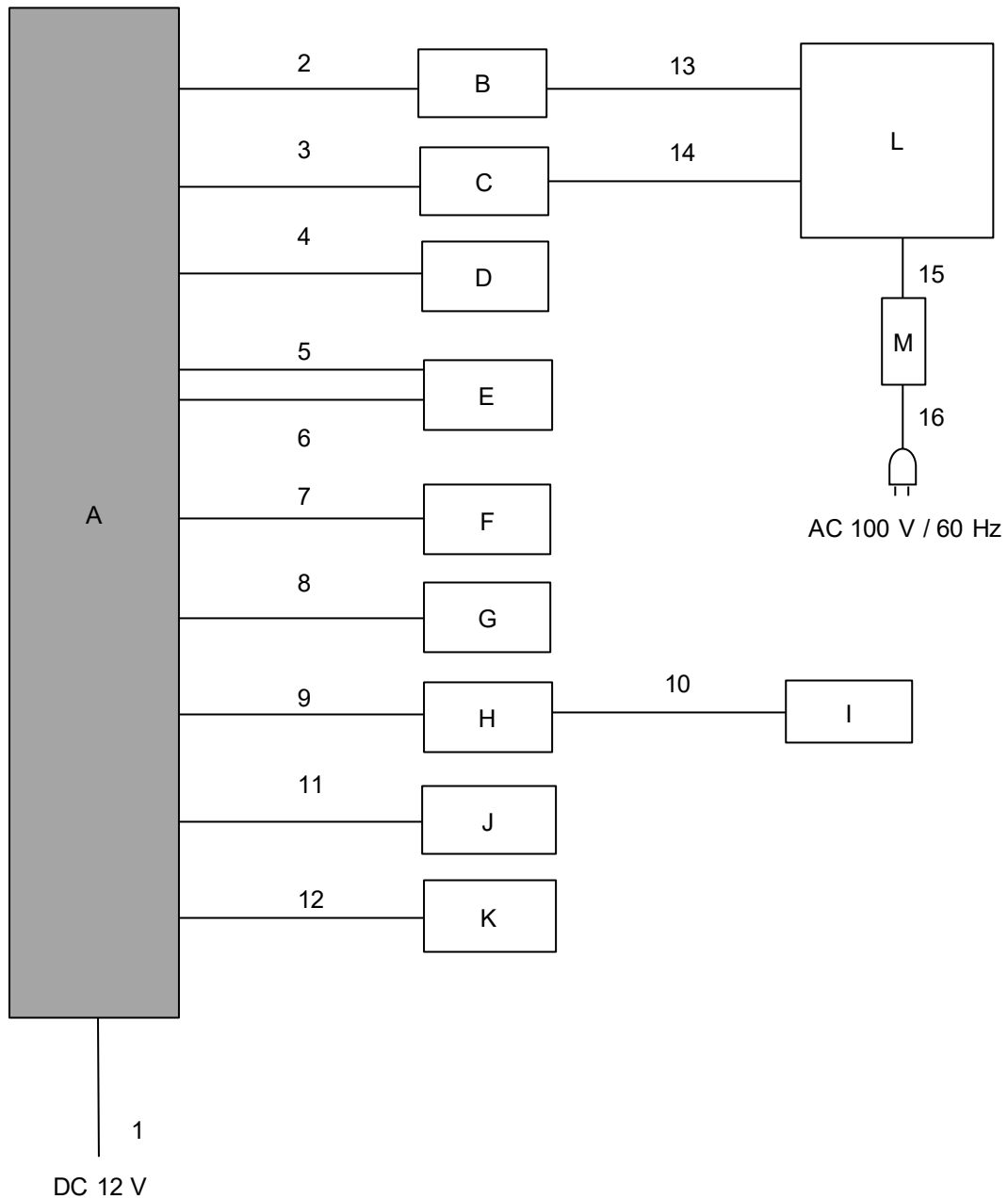
Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Car Audio	TN0052E	AX600009	DENSO TEN Limited	EUT
B	Jig Board	-	-	-	-
C	USB Adapter	DEP38-10029	No.7	KP	-
D	Switch	-	-	-	-
E	Meter	83800-4AL70	No.12	DENSO	-
F	SF Antenna	86760-42110	No.1	Minebea Mitsumi	-
G	USB Memory	RUF3-K16GB	P10416	Buffalo Inc.	-
H	I/F Conversion Box	867B1-42010 3986	No.23	TOKAI RIKA	-
I	BGM Camera	8679B-42010	No.25	KYOCERA	-
J	MIC	86730-42130	No.100	KP	-
K	MIC	86730-42130	No.106	KP	-
L	Speaker	-	No.139	-	-
M	Speaker	-	No.140	-	-
N	Speaker	-	No.143	-	-
O	Speaker	-	No.144	-	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	4.0	Unshielded	Unshielded	-
2	Flat Cable	0.1	Unshielded	Unshielded	-
3	USB Cable	2.5	Shielded	Shielded	-
4	Signal Cable	2.5	Unshielded	Unshielded	-
5	Signal Cable	2.5	Unshielded	Unshielded	-
6	Signal Cable	2.5	Unshielded	Unshielded	-
7	SF Antenna Cable	6.0	Shielded	Unshielded	-
8	Signal Cable	1.0	Unshielded	Unshielded	-
9	Signal Cable	2.5	Shielded	Shielded	-
10	Camera Cable	1.5	Shielded	Shielded	-
11	MIC Cable	2.5	Unshielded	Unshielded	-
12	MIC Cable	2.5	Unshielded	Unshielded	-
13	Speaker Cable	3.0	Unshielded	Unshielded	-
14	Speaker Cable	3.0	Unshielded	Unshielded	-
15	Speaker Cable	3.0	Unshielded	Unshielded	-
16	Speaker Cable	3.0	Unshielded	Unshielded	-

For Antenna Terminal Conducted Tests



* 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	Car Audio	TN0052E	AX600020	DENSO TEN Limited	EUT
B	Jig Board	-	-	-	-
C	USB Adapter	DEP37-10176	No.45	KP	-
D	Switch	-	-	-	-
E	Meter	83800-4AL70	457410-0021	DENSO	-
F	SF Antenna	86760-42110	No.15	Minebea Mitsumi	-
G	Speaker Dummy	-	-	-	-
H	I/F Conversion Box	867B1-42010 3986	No.10	TOKAI RIKA	-
I	BGM Camera	8679B-42010	No.5	KYOCERA	-
J	MIC	86730-42130	No.86	KP	-
K	MIC	86730-42130	No.87	KP	-
L	Laptop PC	PR63PBAA337AD7X	6F053913H	TOSHIBA	-
M	AC Adapter	PA51770-1ACA	FX10800NSKACC	TOSHIBA	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	2.0	Unshielded	Unshielded	-
2	Flat Cable	0.1	Unshielded	Unshielded	-
3	Signal Cable	2.5	Shielded	Shielded	-
4	Signal Cable	2.5	Unshielded	Unshielded	-
5	Signal Cable	2.5	Unshielded	Unshielded	-
6	USB Cable	1.5	Shielded	Shielded	-
7	SF Antenna Cable	6.0	Shielded	Shielded	-
8	Speaker Cable	2.5	Unshielded	Unshielded	-
9	Signal Cable	2.5	Shielded	Shielded	-
10	Camera Cable	1.5	Shielded	Shielded	-
11	MIC Cable	2.5	Unshielded	Unshielded	-
12	MIC Cable	2.5	Unshielded	Unshielded	-
13	USB Cable	1.5	Shielded	Shielded	-
14	USB Cable	2.0	Shielded	Shielded	-
15	DC Cable	1.7	Unshielded	Unshielded	-
16	AC Cable	0.8	Unshielded	Unshielded	-

SECTION 5: Radiated Spurious Emission

Test Procedure

[For below 1 GHz]

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

[For above 1 GHz]

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

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

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

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

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

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

Test Antennas are used as below;

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

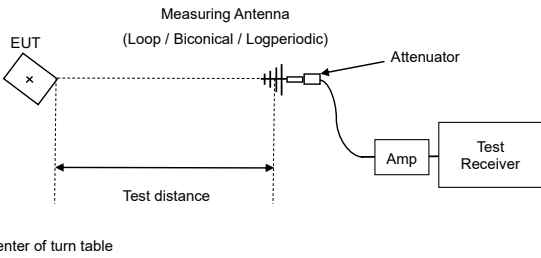
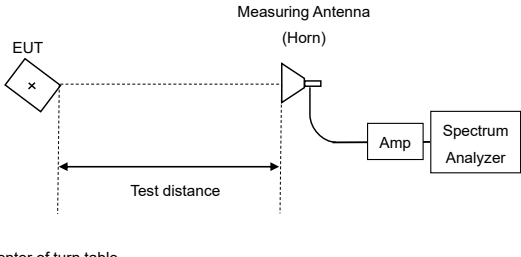
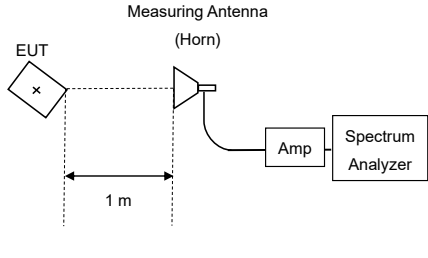
In any 100 kHz bandwidth outside the restricted band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired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

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

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

Frequency	Below 1 GHz	Above 1 GHz		20 dBc
Instrument Used	Test Receiver	Spectrum Analyzer		Spectrum Analyzer
Detector	QP	PK	AV	PK
IF Bandwidth	BW 120 kHz	RBW: 1 MHz VBW: 3 MHz	11.12.2.5.1 RBW: 1 MHz VBW: 3 MHz Detector: Power Averaging (RMS) Trace: 100 traces 11.12.2.5.2 The duty cycle was less than 98% for detected noise, a duty factor was added to the 11.12.2.5.1 results.	RBW: 100 kHz VBW: 300 kHz

Figure 2: Test Setup

Below 1 GHz	
 × : Center of turn table	Test Distance: 3 m
1 GHz to 18 GHz	
 × : Center of turn table	Test Distance: 3 m
18 GHz to 26.5 GHz	
 × : Center of turn table	Distance Factor: $20 \times \log (1.0 \text{ m} / 3.0 \text{ m}) = -9.5 \text{ dB}$ *Test Distance: 1 m

The test was made on EUT at the normal use position.

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

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

SECTION 6: Antenna Terminal Conducted Tests

Test Procedure

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

Test	Span	RBW	VBW	Sweep time	Detector	Trace	Instrument Used
6 dB Bandwidth	3 MHz, 5 MHz, 9 MHz, 50 MHz	100 kHz	300 kHz	Auto	Peak	Max Hold	Spectrum Analyzer
99% Occupied Bandwidth *1)	Enough width to display emission skirts	1 to 5 % of OBW	Three times of RBW	Auto	Peak	Max Hold	Spectrum Analyzer
Maximum Peak Output Power	-	-	-	Auto	Peak/Average *2)	-	Power Meter (Sensor: 50 MHz BW)
Peak Power Density	1.5 times the 6 dB Bandwidth	3 kHz	9.1 kHz	Auto	Peak	Max Hold	Spectrum Analyzer *3)
Conducted Spurious Emission *4) *5)	9 kHz to 150 kHz	200 Hz	620 Hz	Auto	Peak	Max Hold	Spectrum Analyzer
	150 kHz to 30 MHz	10 kHz	30 kHz				
*1) Peak hold was applied as Worst-case measurement. *2) Reference data *3) Section 11.10.2 Method PKPSD (peak PSD) of "ANSI C63.10-2020". *4) In the frequency range below 30MHz, RBW was narrowed to separate the noise contents. Then, wide-band noise near the limit was checked separately, however the noise was not detected as shown in the chart. (9 kHz - 150 kHz: RBW = 200 Hz, 150 kHz - 30 MHz: RBW = 10 kHz) *5) The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ohms. For example, the measurement at frequency 9 kHz resulted in a level of 45.5 dBuV/m, which is equivalent to 45.5 - 51.5 = -6.0 dBuA/m, which has the same margin, 3 dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.							

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

Test Data : APPENDIX
Test Result : Pass

APPENDIX 1: Test Data

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx
------	----

Date	Test Place	Temperature	Humidity	Engineer
March 04, 2026	MR11	20 deg.C	45 %RH	Wataru Toriyama

11b

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	13099.0	7.874	> 0.5000
2437	13108.8	7.788	> 0.5000
2462	13118.0	7.849	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
------	----	--	--	--

Date	Test Place	Temperature	Humidity	Engineer
March 04, 2026	MR11	20 deg.C	45 %RH	Wataru Toriyama

11g

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	16583.5	16.544	> 0.5000
2437	16580.6	16.536	> 0.5000
2462	16585.4	16.529	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
------	----	--	--	--

Date	Test Place	Temperature	Humidity	Engineer
March 04, 2026	MR11	20 deg.C	45 %RH	Wataru Toriyama

11n-20

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	17790.5	17.797	> 0.5000
2437	17821.6	17.770	> 0.5000
2462	17800.8	17.787	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
------	----	--	--	--

Date	Test Place	Temperature	Humidity	Engineer
March 04, 2026	MR11	20 deg.C	45 %RH	Wataru Toriyama

11ax-20(OFDM)

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	19079.0	19.154	> 0.5000
2437	19111.4	19.158	> 0.5000
2462	19093.7	19.164	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
------	----	--	--	--

Date	Test Place	Temperature	Humidity	Engineer
March 05, 2026	MR11	22 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 26-tone RU

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	0	18211.5	2.086	> 0.5000
2437	4	17218.0	2.620	> 0.5000
2462	8	18291.4	2.084	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx
------	----

Date	Test Place	Temperature	Humidity	Engineer
March 05, 2026	MR11	22 deg.C	38 %RH	Wataru Toriyama
March 16, 2026	MR11	23 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 52-tone RU

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	37	18081.0	4.499	> 0.5000
2437	38	17077.4	4.154	> 0.5000
2462	40	18283.1	4.551	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx
------	----

Date	Test Place	Temperature	Humidity	Engineer
March 05, 2026	MR11	22 deg.C	38 %RH	Wataru Toriyama
March 16, 2026	MR11	23 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 106-tone RU

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	53	18282.7	8.377	> 0.5000
2437	53	18206.4	8.370	> 0.5000
2462	54	18274.9	8.397	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
------	----	--	--	--

Date	Test Place	Temperature	Humidity	Engineer
March 05, 2026	MR11	22 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 242-tone RU

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	61	19035.5	19.156	> 0.5000
2437	61	19044.4	19.147	> 0.5000
2462	61	19038.5	19.171	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
------	----	--	--	--

Date	Test Place	Temperature	Humidity	Engineer
March 03, 2026	MR11	21 deg.C	47 %RH	Wataru Toriyama

BT LE 1M-PHY

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2402	1020.8	0.668	> 0.5000
2440	1025.6	0.667	> 0.5000
2480	1025.6	0.670	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
------	----	--	--	--

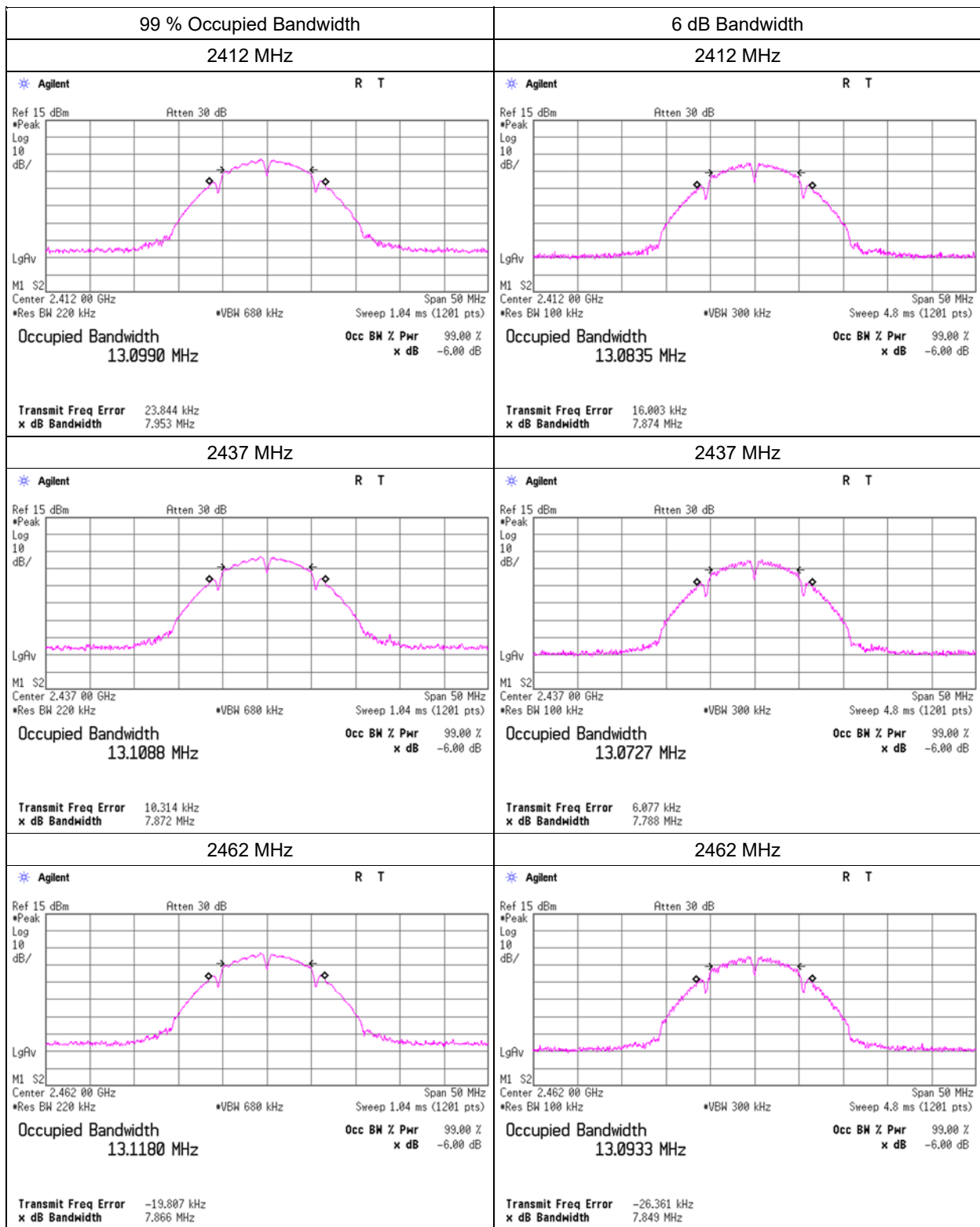
Date	Test Place	Temperature	Humidity	Engineer
March 03, 2026	MR11	21 deg.C	47 %RH	Wataru Toriyama

BT LE 2M-PHY

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2402	1998.6	1.172	> 0.5000
2440	1998.5	1.140	> 0.5000
2480	1999.0	1.169	> 0.5000

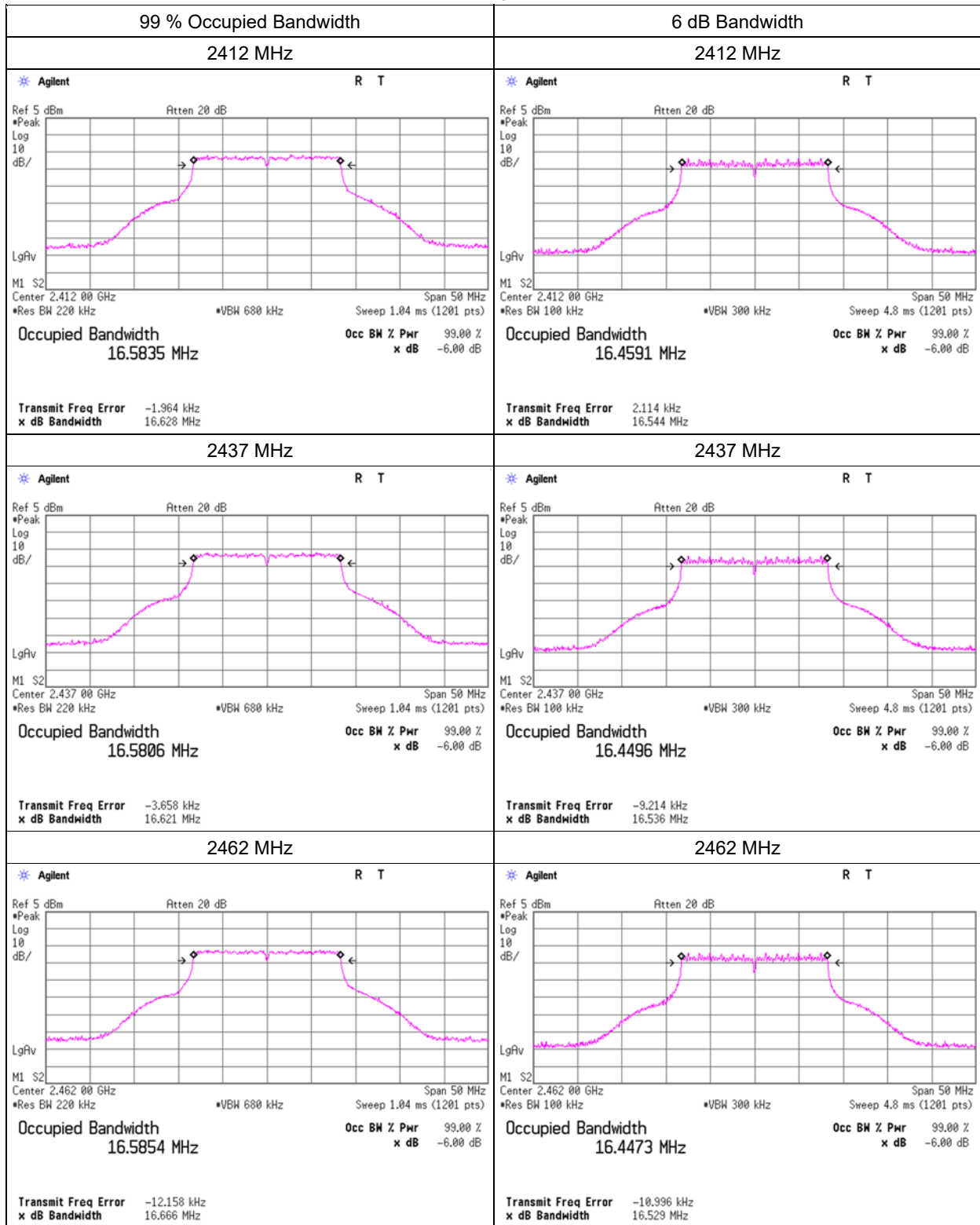
99 % Occupied Bandwidth and 6 dB Bandwidth

11b



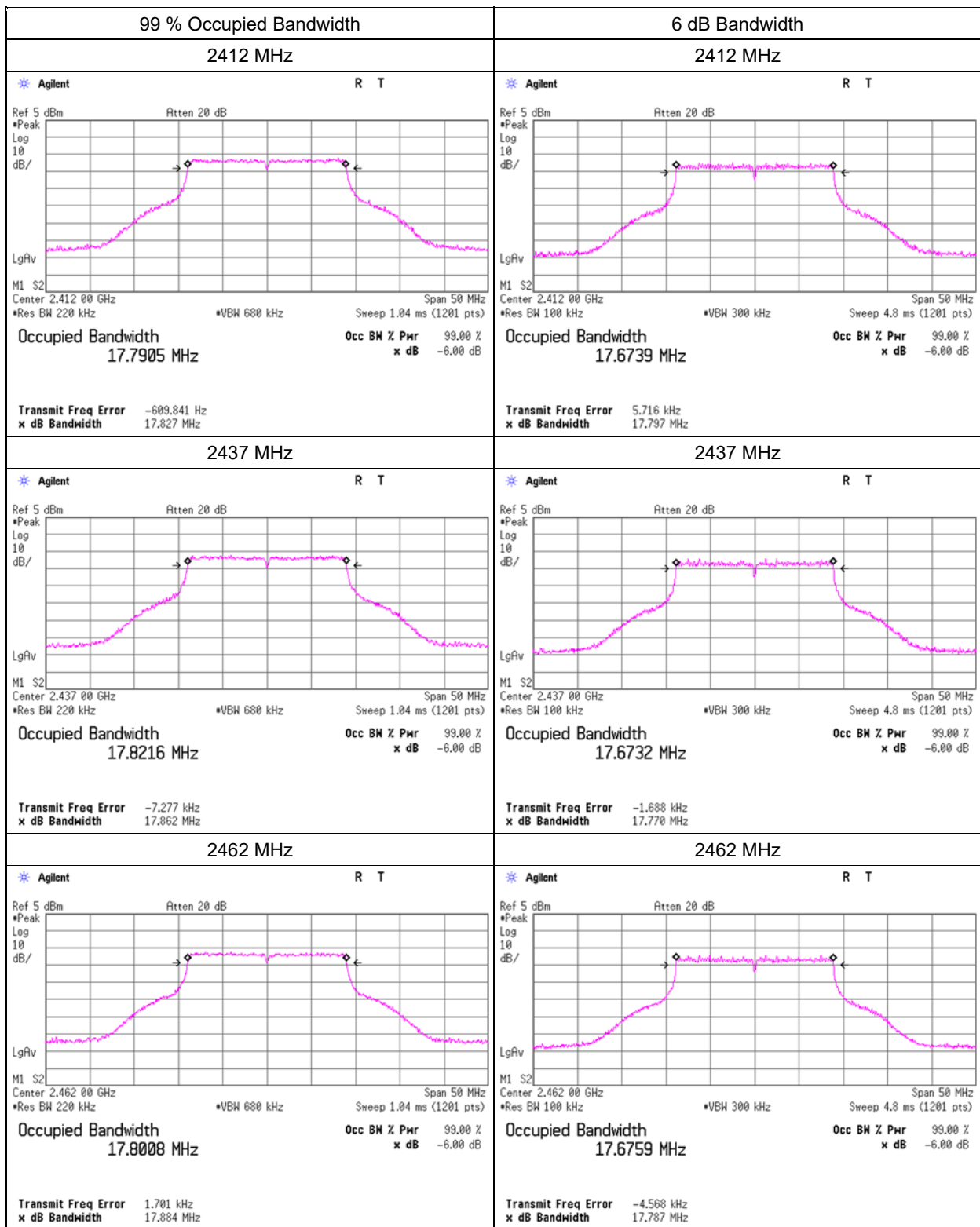
99 % Occupied Bandwidth and 6 dB Bandwidth

11g



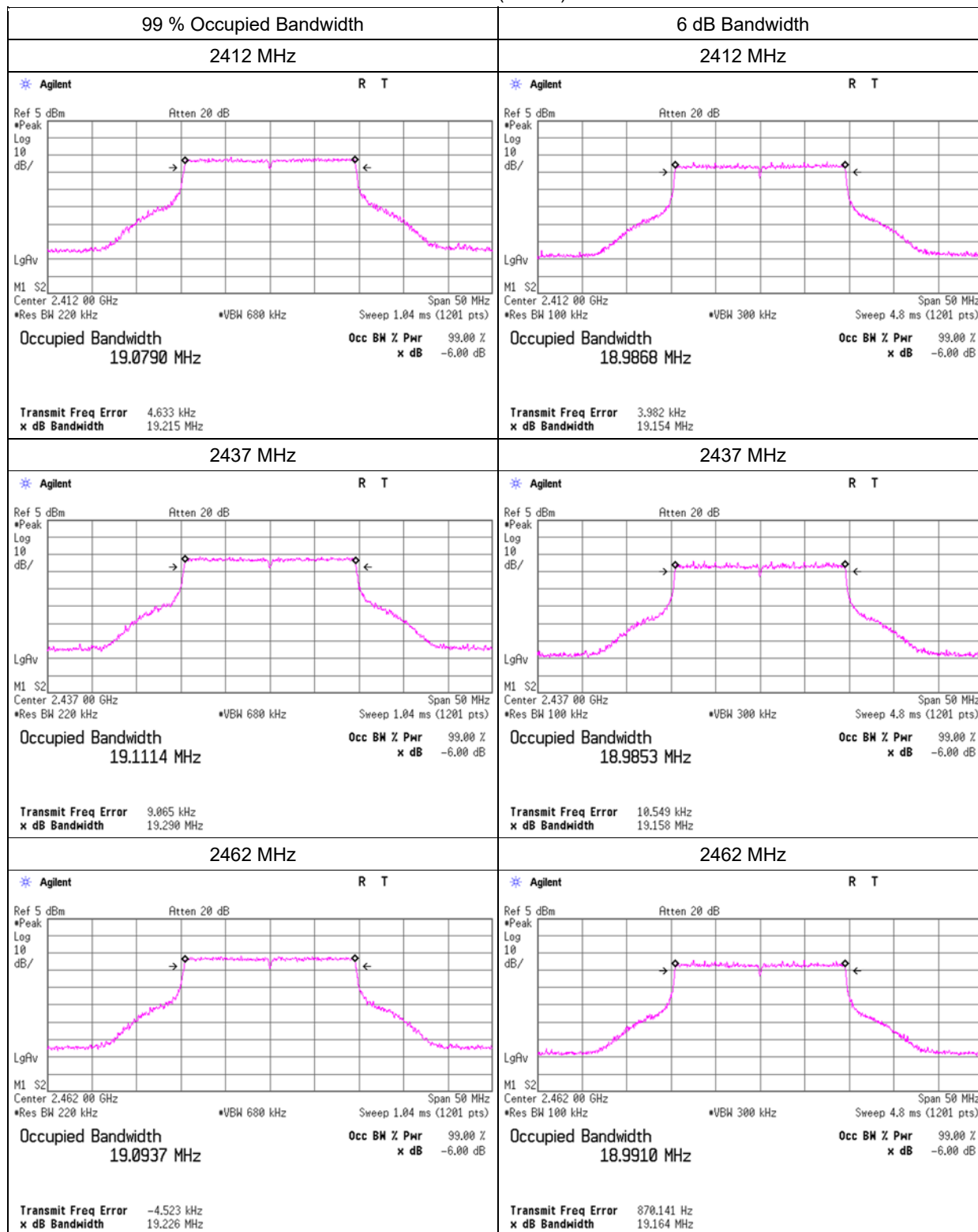
99 % Occupied Bandwidth and 6 dB Bandwidth

11n-20



99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDM)



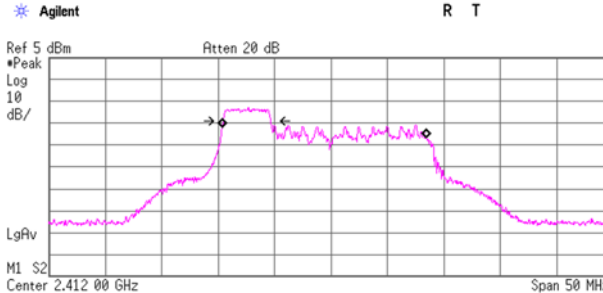
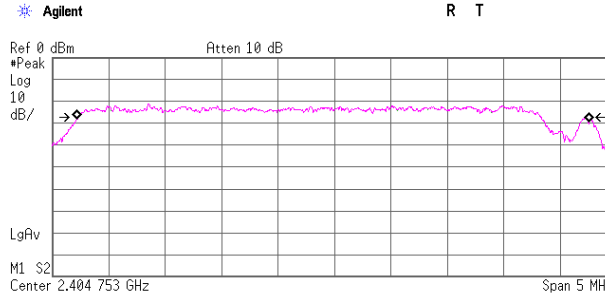
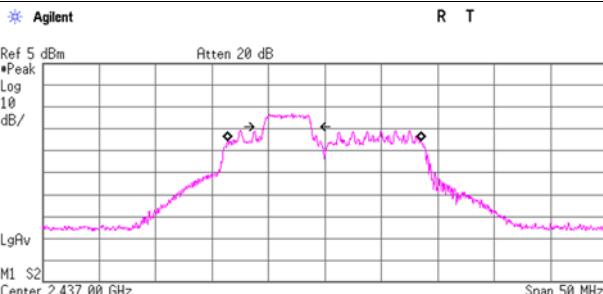
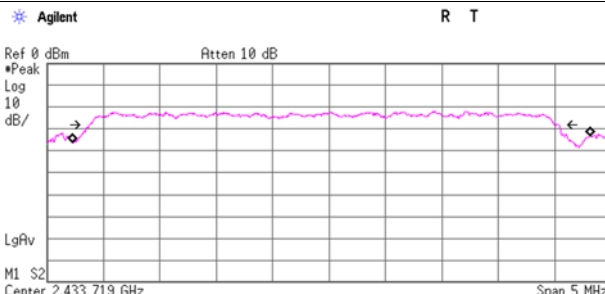
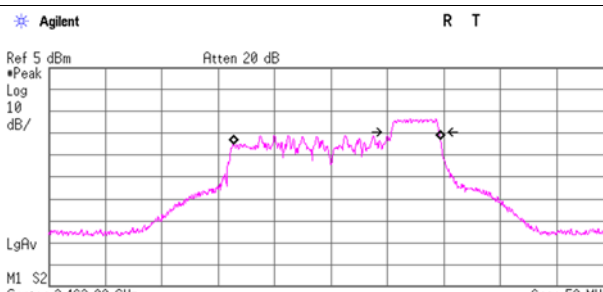
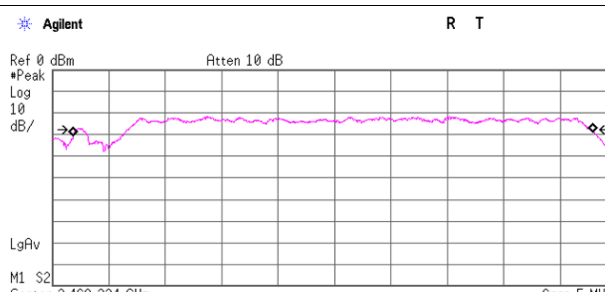
99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDMA), 26-tone RU

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 0	RU Index 0
Agilent R T Ref 5 dBm #Peak Log 10 dB/ Atten 20 dB M1 S2 Center 2.412 00 GHz #Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.2115 MHz VBW 680 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -702.810 kHz x dB Bandwidth 2.157 MHz	Agilent R T Ref 0 dBm #Peak Log 10 dB/ Atten 10 dB M1 S2 Center 2.403 562 5 GHz #Res BW 100 kHz Span 3 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.4112 MHz VBW 300 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 15.886 kHz x dB Bandwidth 2.086 MHz
2437 MHz	2437 MHz
RU Index 4	RU Index 4
Agilent R T Ref 5 dBm #Peak Log 10 dB/ Atten 20 dB M1 S2 Center 2.437 00 GHz #Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 17.2180 MHz VBW 680 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 7.973 kHz x dB Bandwidth 2.735 MHz	Agilent R T Ref 0 dBm #Peak Log 10 dB/ Atten 10 dB M1 S2 Center 2.437 000 0 GHz #Res BW 100 kHz Span 3 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.7455 MHz VBW 300 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -1.487 kHz x dB Bandwidth 2.620 MHz
2462 MHz	2462 MHz
RU Index 8	RU Index 8
Agilent R T Ref 5 dBm #Peak Log 10 dB/ Atten 20 dB M1 S2 Center 2.462 00 GHz #Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.2914 MHz VBW 680 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 602.372 kHz x dB Bandwidth 2.160 MHz	Agilent R T Ref 0 dBm #Peak Log 10 dB/ Atten 10 dB M1 S2 Center 2.470 515 6 GHz #Res BW 100 kHz Span 3 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.4058 MHz VBW 300 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -125.028 kHz x dB Bandwidth 2.084 MHz

99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDMA), 52-tone RU

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 37	RU Index 37
 Agilent R T Ref 5 dBm Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.412 00 GHz Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) VBW 680 kHz Occupied Bandwidth 18.0810 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -582.321 kHz x dB Bandwidth 4.184 MHz	 Agilent R T Ref 0 dBm Peak Log 10 dB/ LgAv Atten 10 dB M1 S2 Center 2.404 753 GHz Res BW 100 kHz Span 5 MHz Sweep 1.04 ms (1201 pts) VBW 300 kHz Occupied Bandwidth 4.5390 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -12.023 kHz x dB Bandwidth 4.499 MHz
2437 MHz	2437 MHz
RU Index 38	RU Index 38
 Agilent R T Ref 5 dBm Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.437 00 GHz Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) VBW 680 kHz Occupied Bandwidth 17.0774 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -31.189 kHz x dB Bandwidth 4.236 MHz	 Agilent R T Ref 0 dBm Peak Log 10 dB/ LgAv Atten 10 dB M1 S2 Center 2.433 719 GHz Res BW 100 kHz Span 5 MHz Sweep 1.04 ms (1201 pts) VBW 300 kHz Occupied Bandwidth 4.5827 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 19.549 kHz x dB Bandwidth 4.154 MHz
2462 MHz	2462 MHz
RU Index 40	RU Index 40
 Agilent R T Ref 5 dBm Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.462 00 GHz Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) VBW 680 kHz Occupied Bandwidth 18.2831 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 537.635 kHz x dB Bandwidth 4.189 MHz	 Agilent R T Ref 0 dBm Peak Log 10 dB/ LgAv Atten 10 dB M1 S2 Center 2.469 224 GHz Res BW 100 kHz Span 5 MHz Sweep 1.04 ms (1201 pts) VBW 300 kHz Occupied Bandwidth 4.6051 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -9.683 kHz x dB Bandwidth 4.551 MHz

99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDMA), 106-tone RU

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 53	RU Index 53
Agilent R T Ref 5 dBm Atten 20 dB Peak Log 10 dB/ LgAv M1 S2 Center 2.412 00 GHz Res BW 220 kHz Span 50 MHz VBW 600 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.2827 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -478.000 kHz x dB Bandwidth 17.175 MHz	Agilent R T Ref 0 dBm Atten 10 dB Peak Log 10 dB/ LgAv M1 S2 Center 2.406 609 4 GHz Res BW 100 kHz Span 9 MHz VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 8.4500 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 63.014 kHz x dB Bandwidth 8.377 MHz
2437 MHz	2437 MHz
RU Index 53	RU Index 53
Agilent R T Ref 5 dBm Atten 20 dB Peak Log 10 dB/ LgAv M1 S2 Center 2.437 00 GHz Res BW 220 kHz Span 50 MHz VBW 600 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.2064 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -502.252 kHz x dB Bandwidth 17.141 MHz	Agilent R T Ref 0 dBm Atten 10 dB Peak Log 10 dB/ LgAv M1 S2 Center 2.431 609 4 GHz Res BW 100 kHz Span 9 MHz VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 8.3908 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 31.890 kHz x dB Bandwidth 8.370 MHz
2462 MHz	2462 MHz
RU Index 54	RU Index 54
Agilent R T Ref 5 dBm Atten 20 dB Peak Log 10 dB/ LgAv M1 S2 Center 2.462 00 GHz Res BW 220 kHz Span 50 MHz VBW 600 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.2749 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 481.522 kHz x dB Bandwidth 17.228 MHz	Agilent R T Ref 0 dBm Atten 10 dB Peak Log 10 dB/ LgAv M1 S2 Center 2.467 399 4 GHz Res BW 100 kHz Span 9 MHz VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 8.3907 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -46.745 kHz x dB Bandwidth 8.397 MHz

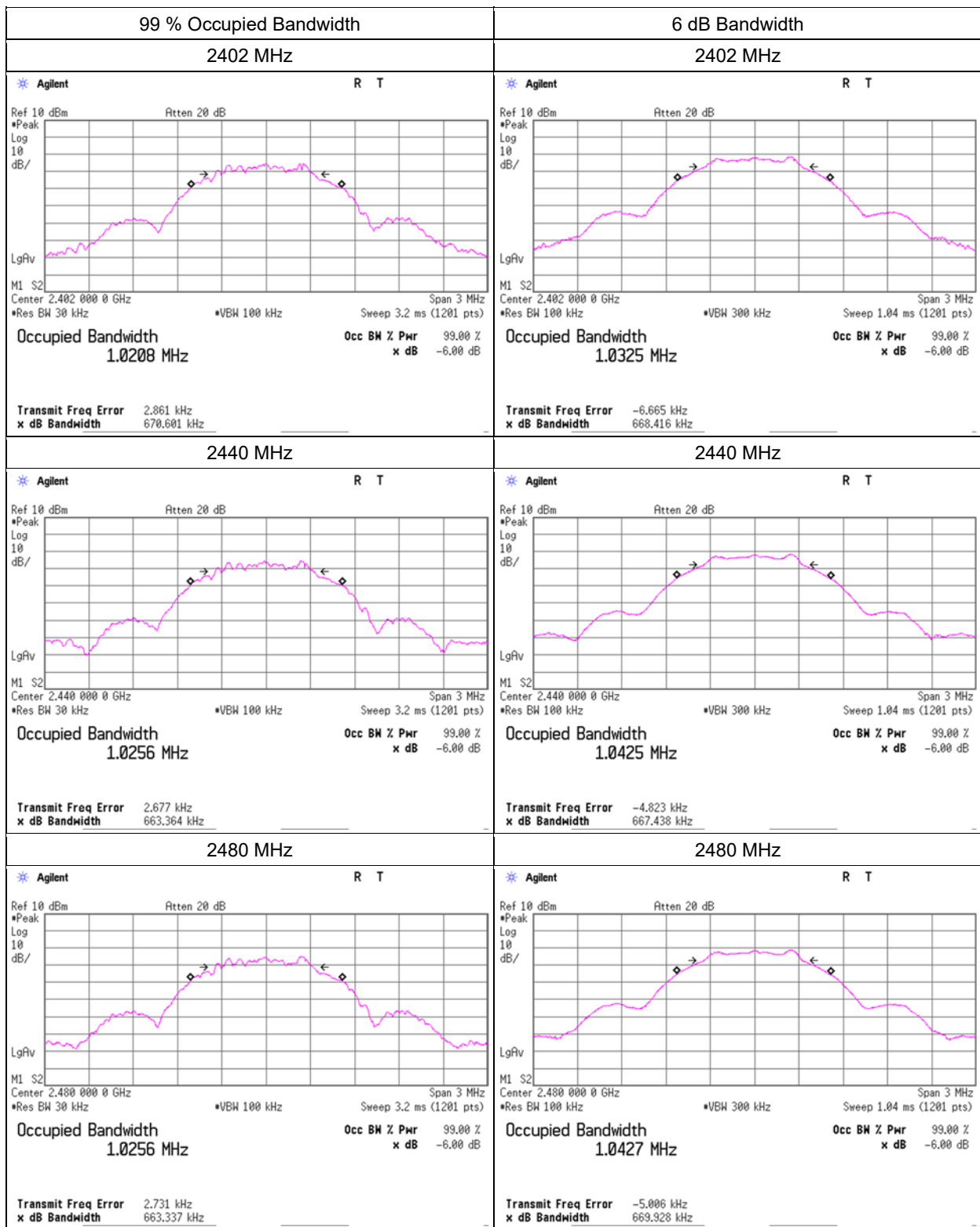
99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDMA), 242-tone RU

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 61	RU Index 61
Agilent R T Ref 5 dBm #Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.412 00 GHz #Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 19.0355 MHz Transmit Freq Error x dB Bandwidth 8.982 kHz 19.216 MHz VBW 680 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB	Agilent R T Ref 5 dBm #Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.412 00 GHz #Res BW 100 kHz Span 50 MHz Sweep 4.8 ms (1201 pts) Occupied Bandwidth 18.9815 MHz Transmit Freq Error x dB Bandwidth -532.532 Hz 19.156 MHz VBW 300 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB
2437 MHz	2437 MHz
RU Index 61	RU Index 61
Agilent R T Ref 5 dBm #Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.437 00 GHz #Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 19.0444 MHz Transmit Freq Error x dB Bandwidth -12.934 kHz 19.232 MHz VBW 680 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB	Agilent R T Ref 5 dBm #Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.437 00 GHz #Res BW 100 kHz Span 50 MHz Sweep 4.8 ms (1201 pts) Occupied Bandwidth 18.9837 MHz Transmit Freq Error x dB Bandwidth -7.327 kHz 19.147 MHz VBW 300 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB
2462 MHz	2462 MHz
RU Index 61	RU Index 61
Agilent R T Ref 5 dBm #Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.462 00 GHz #Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 19.0385 MHz Transmit Freq Error x dB Bandwidth -10.446 kHz 19.174 MHz VBW 680 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB	Agilent R T Ref 5 dBm #Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.462 00 GHz #Res BW 100 kHz Span 50 MHz Sweep 4.8 ms (1201 pts) Occupied Bandwidth 18.9829 MHz Transmit Freq Error x dB Bandwidth -15.232 kHz 19.171 MHz VBW 300 kHz Occ BW % Pwr 99.00 % x dB -6.00 dB

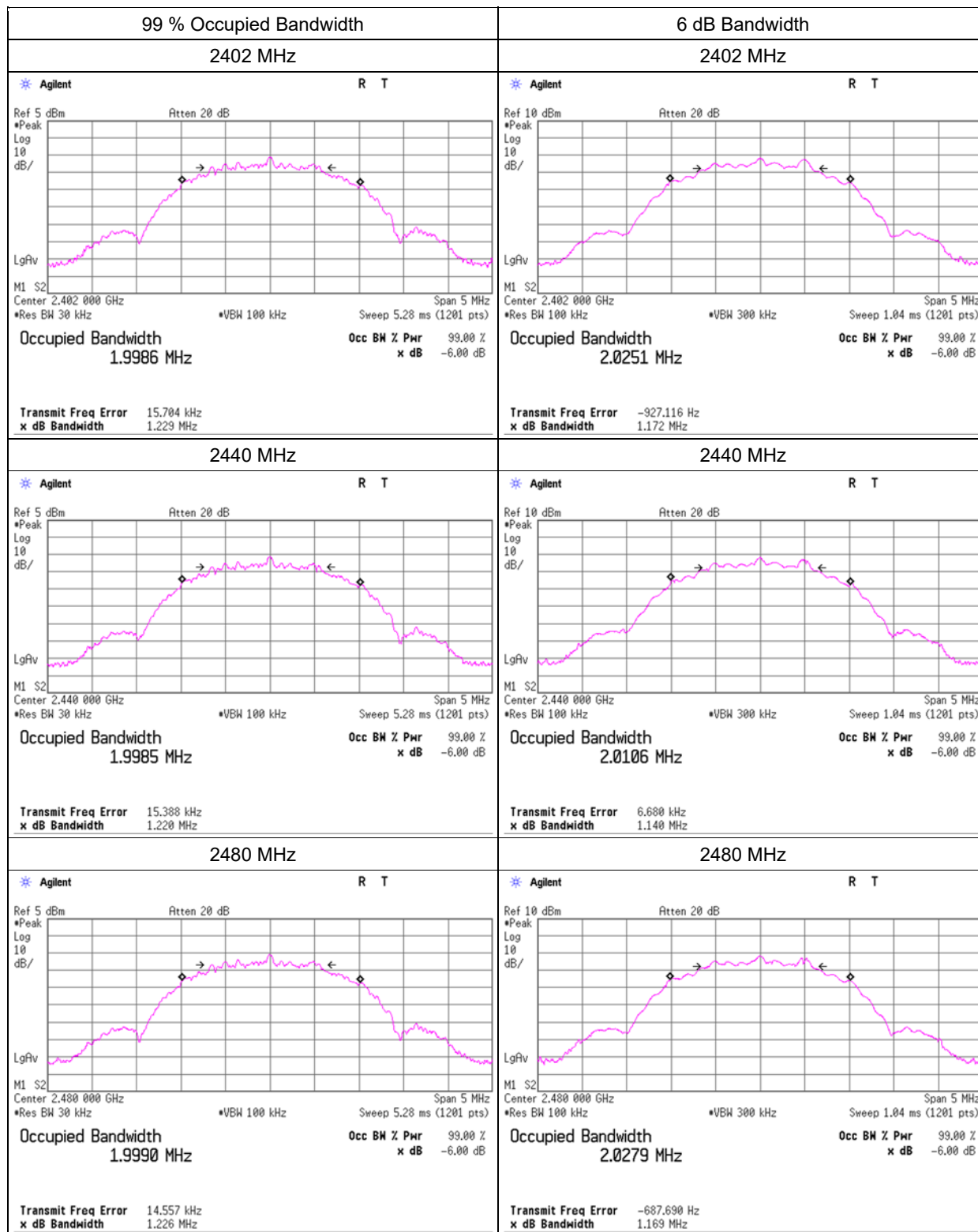
99 % Occupied Bandwidth and 6 dB Bandwidth

BT LE 1M-PHY



99 % Occupied Bandwidth and 6 dB Bandwidth

BT LE 2M-PHY



Maximum Peak Output Power

Mode	Tx 11b
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

11b

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	1.79	2.17	9.68	13.64	23.12	30.00	1000.00	16.36	-0.43	13.21	20.95	36.02	4000.00	22.81
2437	1.36	2.17	9.68	13.21	20.95	30.00	1000.00	16.79	-0.43	12.78	18.97	36.02	4000.00	23.24
2462	1.31	2.18	9.68	13.17	20.75	30.00	1000.00	16.83	-0.43	12.74	18.80	36.02	4000.00	23.28

Sample Calculation:

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

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

Worst rate check (2412 MHz)

Rate [Mbps]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
				[dBm]	[mW]	
1	1.44	2.17	9.68	13.29	21.33	-
2	1.53	2.17	9.68	13.38	21.78	-
5.5	1.79	2.17	9.68	13.64	23.12	*
11	1.54	2.17	9.68	13.39	21.83	-

*Worst Rate

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11g
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

11g

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	2.92	2.17	9.68	14.77	29.99	30.00	1000.00	15.23	-0.43	14.34	27.17	36.02	4000.00	21.68
2437	2.63	2.17	9.68	14.48	28.06	30.00	1000.00	15.52	-0.43	14.05	25.41	36.02	4000.00	21.97
2462	2.46	2.18	9.68	14.32	27.04	30.00	1000.00	15.68	-0.43	13.89	24.50	36.02	4000.00	22.13

Sample Calculation:

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

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

Worst rate check (2412 MHz)

Rate [Mbps]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
				[dBm]	[mW]	
6	-0.38	2.17	9.68	11.47	14.03	-
9	-0.24	2.17	9.68	11.61	14.49	-
12	-0.22	2.17	9.68	11.63	14.55	-
18	-0.13	2.17	9.68	11.72	14.86	-
24	2.92	2.17	9.68	14.77	29.99	*
36	2.57	2.17	9.68	14.42	27.67	-
48	2.52	2.17	9.68	14.37	27.35	-
54	2.53	2.17	9.68	14.38	27.42	-

*Worst Rate

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11n-20
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

11n-20

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	3.63	2.17	9.68	15.48	35.32	30.00	1000.00	14.52	-0.43	15.05	31.99	36.02	4000.00	20.97
2437	3.35	2.17	9.68	15.20	33.12	30.00	1000.00	14.80	-0.43	14.77	30.00	36.02	4000.00	21.25
2462	3.28	2.18	9.68	15.14	32.66	30.00	1000.00	14.86	-0.43	14.71	29.59	36.02	4000.00	21.31

Sample Calculation:

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

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

Worst rate check (2412 MHz)

MCS Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
				[dBm]	[mW]	
0	-0.45	2.17	9.68	11.40	13.80	-
1	-0.34	2.17	9.68	11.51	14.16	-
2	-0.47	2.17	9.68	11.38	13.74	-
3	-0.45	2.17	9.68	11.40	13.80	-
4	3.63	2.17	9.68	15.48	35.32	*
5	2.82	2.17	9.68	14.67	29.31	-
6	2.85	2.17	9.68	14.70	29.51	-
7	2.76	2.17	9.68	14.61	28.91	-

*Worst MCS

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDM)
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

11ax-20(OFDM)

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power					Antenna Gain [dBi]	e.i.r.p. for RSS-247				
				Result		Limit		Margin		Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	4.04	2.17	9.68	15.89	38.82	30.00	1000.00	14.11	-0.43	15.46	35.16	36.02	4000.00	20.56
2437	3.72	2.17	9.68	15.57	36.06	30.00	1000.00	14.43	-0.43	15.14	32.66	36.02	4000.00	20.88
2462	3.60	2.18	9.68	15.46	35.16	30.00	1000.00	14.54	-0.43	15.03	31.85	36.02	4000.00	20.99

Sample Calculation:

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

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

Worst rate check (2412 MHz)

MCS Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
				[dBm]	[mW]	
0 (1SS)	0.73	2.17	9.68	12.58	18.11	-
1 (1SS)	0.62	2.17	9.68	12.47	17.66	-
2 (1SS)	0.57	2.17	9.68	12.42	17.46	-
3 (1SS)	0.67	2.17	9.68	12.52	17.86	-
4 (1SS)	3.23	2.17	9.68	15.08	32.21	-
5 (1SS)	3.32	2.17	9.68	15.17	32.89	-
6 (1SS)	4.04	2.17	9.68	15.89	38.82	*
7 (1SS)	3.32	2.17	9.68	15.17	32.89	-
8 (1SS)	3.11	2.17	9.68	14.96	31.33	-
9 (1SS)	3.47	2.17	9.68	15.32	34.04	-
10 (1SS)	3.61	2.17	9.68	15.46	35.16	-
11 (1SS)	3.57	2.17	9.68	15.42	34.83	-

*Worst MCS

(* SS: Spatial Stream)

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA), 26-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 02, 2026	MR11	21 deg.C	45 %RH	Wataru Toriyama

11ax-20(OFDMA), 26-tone RU

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power					Antenna Gain [dBi]	e.i.r.p. for RSS-247				
					Result		Limit		Margin		Result		Limit		Margin
					[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	0	-7.41	2.17	9.68	4.44	2.78	30.00	1000.00	25.56	-0.43	4.01	2.52	36.02	4000.00	32.01
	4	-7.67	2.17	9.68	4.18	2.62	30.00	1000.00	25.82	-0.43	3.75	2.38	36.02	4000.00	32.27
	8	-7.48	2.17	9.68	4.37	2.74	30.00	1000.00	25.63	-0.43	3.94	2.48	36.02	4000.00	32.08
2437	0	-7.66	2.17	9.68	4.19	2.63	30.00	1000.00	25.81	-0.43	3.76	2.38	36.02	4000.00	32.26
	4	-7.73	2.17	9.68	4.12	2.59	30.00	1000.00	25.88	-0.43	3.69	2.34	36.02	4000.00	32.33
	8	-7.68	2.17	9.68	4.17	2.62	30.00	1000.00	25.83	-0.43	3.74	2.37	36.02	4000.00	32.28
2462	0	-7.85	2.18	9.68	4.01	2.52	30.00	1000.00	25.99	-0.43	3.58	2.29	36.02	4000.00	32.44
	4	-7.87	2.18	9.68	3.99	2.51	30.00	1000.00	26.01	-0.43	3.56	2.27	36.02	4000.00	32.46
	8	-7.89	2.18	9.68	3.97	2.50	30.00	1000.00	26.03	-0.43	3.54	2.26	36.02	4000.00	32.48

Sample Calculation:

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

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

Worst rate check (2412 MHz)

MCS Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
				[dBm]	[mW]	
0	0.73	2.17	9.68	12.58	18.11	-
1	0.62	2.17	9.68	12.47	17.66	-
2	0.57	2.17	9.68	12.42	17.46	-
3	0.67	2.17	9.68	12.52	17.86	-
4	3.23	2.17	9.68	15.08	32.21	-
5	3.32	2.17	9.68	15.17	32.89	-
6	4.04	2.17	9.68	15.89	38.82	*
7	3.32	2.17	9.68	15.17	32.89	-
8	3.11	2.17	9.68	14.96	31.33	-
9	3.47	2.17	9.68	15.32	34.04	-
10	3.61	2.17	9.68	15.46	35.16	-
11	3.57	2.17	9.68	15.42	34.83	-

*Worst MCS

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA), 52-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 02, 2026	MR11	21 deg.C	45 %RH	Wataru Toriyama

11ax-20(OFDMA), 52-tone RU

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	Antenna Gain [dBi]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]			[dBm]	[mW]	[dBm]	[mW]	
2412	37	-4.48	2.17	9.68	7.37	5.46	30.00	1000.00	22.63	-0.43	6.94	4.95	36.02	4000.00	29.08
	38	-4.51	2.17	9.68	7.34	5.43	30.00	1000.00	22.66	-0.43	6.91	4.91	36.02	4000.00	29.11
	40	-4.51	2.17	9.68	7.34	5.43	30.00	1000.00	22.66	-0.43	6.91	4.91	36.02	4000.00	29.11
2437	37	-4.57	2.17	9.68	7.28	5.35	30.00	1000.00	22.72	-0.43	6.85	4.85	36.02	4000.00	29.17
	38	-4.59	2.17	9.68	7.26	5.33	30.00	1000.00	22.74	-0.43	6.83	4.82	36.02	4000.00	29.19
	40	-4.55	2.17	9.68	7.30	5.38	30.00	1000.00	22.70	-0.43	6.87	4.87	36.02	4000.00	29.15
2462	37	-4.75	2.18	9.68	7.11	5.15	30.00	1000.00	22.89	-0.43	6.68	4.66	36.02	4000.00	29.34
	38	-4.75	2.18	9.68	7.11	5.15	30.00	1000.00	22.89	-0.43	6.68	4.66	36.02	4000.00	29.34
	40	-4.78	2.18	9.68	7.08	5.11	30.00	1000.00	22.92	-0.43	6.65	4.63	36.02	4000.00	29.37

Sample Calculation:

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

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

Worst rate check (2412 MHz)

MCS Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
				[dBm]	[mW]	
0	0.73	2.17	9.68	12.58	18.11	-
1	0.62	2.17	9.68	12.47	17.66	-
2	0.57	2.17	9.68	12.42	17.46	-
3	0.67	2.17	9.68	12.52	17.86	-
4	3.23	2.17	9.68	15.08	32.21	-
5	3.32	2.17	9.68	15.17	32.89	-
6	4.04	2.17	9.68	15.89	38.82	*
7	3.32	2.17	9.68	15.17	32.89	-
8	3.11	2.17	9.68	14.96	31.33	-
9	3.47	2.17	9.68	15.32	34.04	-
10	3.61	2.17	9.68	15.46	35.16	-
11	3.57	2.17	9.68	15.42	34.83	-

*Worst MCS

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA), 106-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 02, 2026	MR11	21 deg.C	45 %RH	Wataru Toriyama

11ax-20(OFDMA), 106-tone RU

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	Antenna Gain [dBi]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]			[dBm]	[mW]	[dBm]	[mW]	
2412	53	-0.68	2.17	9.68	11.17	13.10	30.00	1000.00	18.83	-0.43	10.74	11.86	36.02	4000.00	25.28
	54	-0.65	2.17	9.68	11.20	13.19	30.00	1000.00	18.80	-0.43	10.77	11.94	36.02	4000.00	25.25
2437	53	-0.78	2.17	9.68	11.07	12.80	30.00	1000.00	18.93	-0.43	10.64	11.59	36.02	4000.00	25.38
	54	-0.70	2.17	9.68	11.15	13.04	30.00	1000.00	18.85	-0.43	10.72	11.81	36.02	4000.00	25.30
2462	53	-0.81	2.18	9.68	11.05	12.74	30.00	1000.00	18.95	-0.43	10.62	11.54	36.02	4000.00	25.40
	54	-0.86	2.18	9.68	11.00	12.59	30.00	1000.00	19.00	-0.43	10.57	11.41	36.02	4000.00	25.45

Sample Calculation:

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

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

Worst rate check (2412 MHz)

MCS Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
				[dBm]	[mW]	
0	0.73	2.17	9.68	12.58	18.11	-
1	0.62	2.17	9.68	12.47	17.66	-
2	0.57	2.17	9.68	12.42	17.46	-
3	0.67	2.17	9.68	12.52	17.86	-
4	3.23	2.17	9.68	15.08	32.21	-
5	3.32	2.17	9.68	15.17	32.89	-
6	4.04	2.17	9.68	15.89	38.82	*
7	3.32	2.17	9.68	15.17	32.89	-
8	3.11	2.17	9.68	14.96	31.33	-
9	3.47	2.17	9.68	15.32	34.04	-
10	3.61	2.17	9.68	15.46	35.16	-
11	3.57	2.17	9.68	15.42	34.83	-

*Worst MCS

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA), 242-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 02, 2026	MR11	21 deg.C	45 %RH	Wataru Toriyama

11ax-20(OFDMA), 242-tone RU

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	Antenna Gain [dBi]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]			[dBm]	[mW]	[dBm]	[mW]	
2412	61	2.81	2.17	9.68	14.66	29.25	30.00	1000.00	15.34	-0.43	14.23	26.49	36.02	4000.00	21.79
2437	61	2.72	2.17	9.68	14.57	28.65	30.00	1000.00	15.43	-0.43	14.14	25.95	36.02	4000.00	21.88
2462	61	2.49	2.18	9.68	14.35	27.23	30.00	1000.00	15.65	-0.43	13.92	24.67	36.02	4000.00	22.10

Sample Calculation:

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

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

Worst rate check (2412 MHz)

MCS Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
				[dBm]	[mW]	
0	0.73	2.17	9.68	12.58	18.11	-
1	0.62	2.17	9.68	12.47	17.66	-
2	0.57	2.17	9.68	12.42	17.46	-
3	0.67	2.17	9.68	12.52	17.86	-
4	3.23	2.17	9.68	15.08	32.21	-
5	3.32	2.17	9.68	15.17	32.89	-
6	4.04	2.17	9.68	15.89	38.82	*
7	3.32	2.17	9.68	15.17	32.89	-
8	3.11	2.17	9.68	14.96	31.33	-
9	3.47	2.17	9.68	15.32	34.04	-
10	3.61	2.17	9.68	15.46	35.16	-
11	3.57	2.17	9.68	15.42	34.83	-

*Worst MCS

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx BT LE 1M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

BT LE 1M-PHY

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power					Antenna Gain [dBi]	e.i.r.p. for RSS-247				
				Result		Limit		Margin		Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-10.94	2.16	9.68	0.90	1.24	30.00	1000.00	29.10	-0.95	-0.05	0.99	36.02	4000.00	36.07
2440	-11.25	2.17	9.68	0.60	1.15	30.00	1000.00	29.40	-0.95	-0.35	0.93	36.02	4000.00	36.37
2480	-10.77	2.18	9.68	1.09	1.29	30.00	1000.00	28.91	-0.95	0.14	1.04	36.02	4000.00	35.88

Sample Calculation:

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

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

Maximum Peak Output Power

Mode	Tx BT LE 2M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

BT LE 2M-PHY

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power					Antenna Gain [dBi]	e.i.r.p. for RSS-247				
				Result		Limit		Margin		Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-10.88	2.16	9.68	0.96	1.25	30.00	1000.00	29.04	-0.95	0.01	1.01	36.02	4000.00	36.01
2440	-10.93	2.17	9.68	0.92	1.24	30.00	1000.00	29.08	-0.95	-0.03	1.00	36.02	4000.00	36.05
2480	-10.74	2.18	9.68	1.12	1.30	30.00	1000.00	28.88	-0.95	0.17	1.04	36.02	4000.00	35.85

Sample Calculation:

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

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

Average Output Power

Mode	Tx 11b
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

11b

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2412	-1.07	2.17	9.68	10.78	11.97
2437	-1.28	2.17	9.68	10.57	11.41
2462	-1.37	2.18	9.68	10.49	11.20

Sample Calculation:

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

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

The average output power was measured with the lowest order modulation and

lowest data rate configuration in each IEEE 802.11 mode based on KDB 248227 D01.

Average Output Power

Mode	Tx 11g
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

11g

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2412	-7.71	2.17	9.68	4.14	2.60
2437	-7.74	2.17	9.68	4.11	2.58
2462	-7.95	2.18	9.68	3.91	2.47

Sample Calculation:

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

*) This measurement was performed only on the on time using the gate function of power meter.
The average output power was measured with the lowest order modulation and
lowest data rate configuration in each IEEE 802.11 mode based on KDB 248227 D01.

Average Output Power

Mode	Tx 11n-20
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

11n-20

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2412	-7.99	2.17	9.68	3.86	2.44
2437	-8.08	2.17	9.68	3.77	2.39
2462	-8.21	2.18	9.68	3.65	2.32

Sample Calculation:

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

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

The average output power was measured with the lowest order modulation and

lowest data rate configuration in each IEEE 802.11 mode based on KDB 248227 D01.

Average Output Power

Mode	Tx 11ax-20(OFDM)
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

11ax-20(OFDM)

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2412	-7.84	2.17	9.68	4.01	2.52
2437	-7.98	2.17	9.68	3.87	2.44
2462	-8.18	2.18	9.68	3.68	2.34

Sample Calculation:

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

*) This measurement was performed only on the on time using the gate function of power meter.
The average output power was measured with the lowest order modulation and
lowest data rate configuration in each IEEE 802.11 mode based on KDB 248227 D01.

Average Output Power

Mode	Tx 11ax-20(OFDMA), 26-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 10, 2026	MR11	23 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 26-tone RU

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	0	-18.36	2.17	9.68	-6.51	0.23
	4	-18.71	2.17	9.68	-6.86	0.21
	8	-18.39	2.17	9.68	-6.54	0.23
2437	0	-18.43	2.17	9.68	-6.58	0.22
	4	-18.83	2.17	9.68	-6.98	0.21
	8	-18.49	2.17	9.68	-6.64	0.22
2462	0	-18.56	2.18	9.68	-6.70	0.22
	4	-19.09	2.18	9.68	-7.23	0.19
	8	-18.68	2.18	9.68	-6.82	0.21

Sample Calculation:

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

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

The average output power was measured with the lowest order modulation and lowest data rate configuration in each IEEE 802.11 mode based on KDB 248227 D01.

Average Output Power

Mode	Tx 11ax-20(OFDMA), 52-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 10, 2026	MR11	23 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 52-tone RU

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	37	-15.47	2.17	9.68	-3.62	0.44
	38	-15.60	2.17	9.68	-3.75	0.43
	40	-15.38	2.17	9.68	-3.53	0.45
2437	37	-15.44	2.17	9.68	-3.59	0.44
	38	-15.64	2.17	9.68	-3.79	0.42
	40	-15.44	2.17	9.68	-3.59	0.44
2462	37	-15.55	2.18	9.68	-3.69	0.43
	38	-15.84	2.18	9.68	-3.98	0.40
	40	-15.61	2.18	9.68	-3.75	0.43

Sample Calculation:

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

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

The average output power was measured with the lowest order modulation and lowest data rate configuration in each IEEE 802.11 mode based on KDB 248227 D01.

Average Output Power

Mode	Tx 11ax-20(OFDMA), 106-tone RU					
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Date	Test Place	Temperature	Humidity	Engineer		
March 10, 2026	MR11	23 deg.C	38 %RH	Wataru Toriyama		

11ax-20(OFDMA), 106-tone RU

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	53	-11.52	2.17	9.68	0.33	1.08
	54	-11.23	2.17	9.68	0.62	1.16
2437	53	-11.63	2.17	9.68	0.22	1.06
	54	-11.50	2.17	9.68	0.35	1.09
2462	53	-11.60	2.18	9.68	0.26	1.07
	54	-11.72	2.18	9.68	0.14	1.04

Sample Calculation:

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

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

The average output power was measured with the lowest order modulation and lowest data rate configuration in each IEEE 802.11 mode based on KDB 248227 D01.

Average Output Power

Mode	Tx 11ax-20(OFDMA), 242-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 02, 2026	MR11	21 deg.C	45 %RH	Wataru Toriyama

11ax-20(OFDMA), 242-tone RU

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	61	-8.08	2.17	9.68	3.77	2.39
2437	61	-8.00	2.17	9.68	3.85	2.43
2462	61	-8.22	2.18	9.68	3.64	2.32

Sample Calculation:

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

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

The average output power was measured with the lowest order modulation and

lowest data rate configuration in each IEEE 802.11 mode based on KDB 248227 D01.

Average Output Power

Mode	Tx BT LE 1M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

BT LE 1M-PHY

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2402	-11.51	2.16	9.68	0.33	1.08
2440	-11.51	2.17	9.68	0.34	1.09
2480	-11.48	2.18	9.68	0.38	1.10

Sample Calculation:

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

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

Average Output Power

Mode	Tx BT LE 2M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
February 27, 2026	MR11	24 deg.C	43 %RH	Wataru Toriyama

BT LE 2M-PHY

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2402	-11.39	2.16	9.68	0.45	1.11
2440	-11.77	2.17	9.68	0.09	1.03
2480	-11.51	2.18	9.68	0.35	1.09

Sample Calculation:

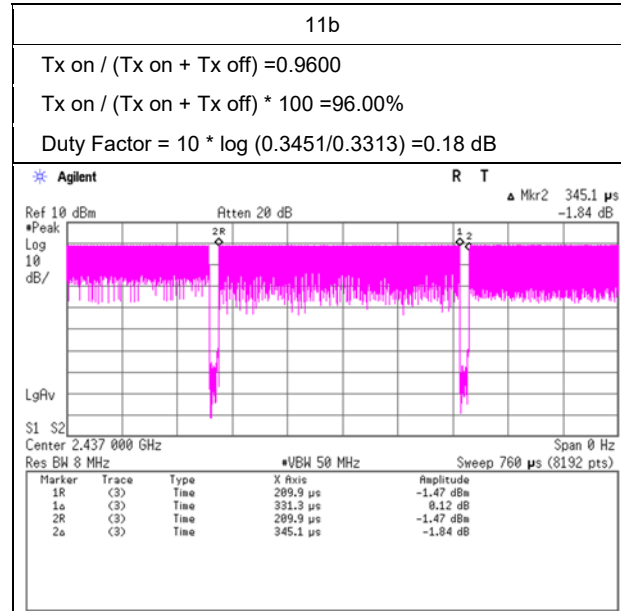
Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

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

Burst rate confirmation

Mode	Tx 11b
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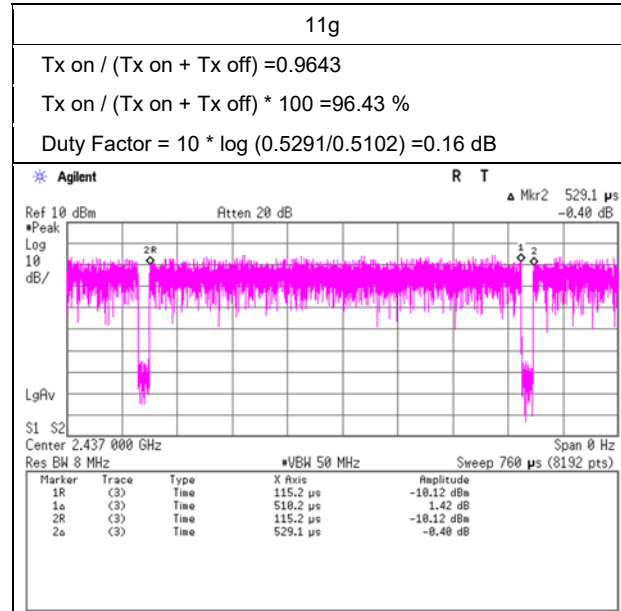
Date	Test Place	Temperature	Humidity	Engineer
February 26, 2026	SAC4	20 deg.C	55 %RH	Junya Okuno



Burst rate confirmation

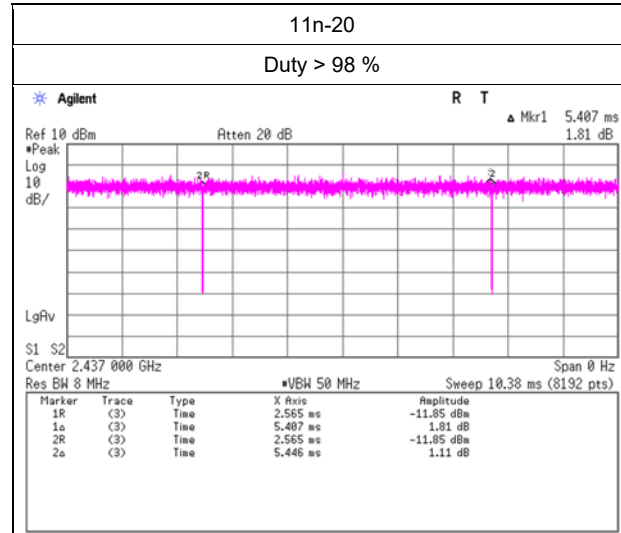
Mode	Tx 11g
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Date	Test Place	Temperature	Humidity	Engineer
February 26, 2026	SAC4	20 deg.C	55 %RH	Junya Okuno



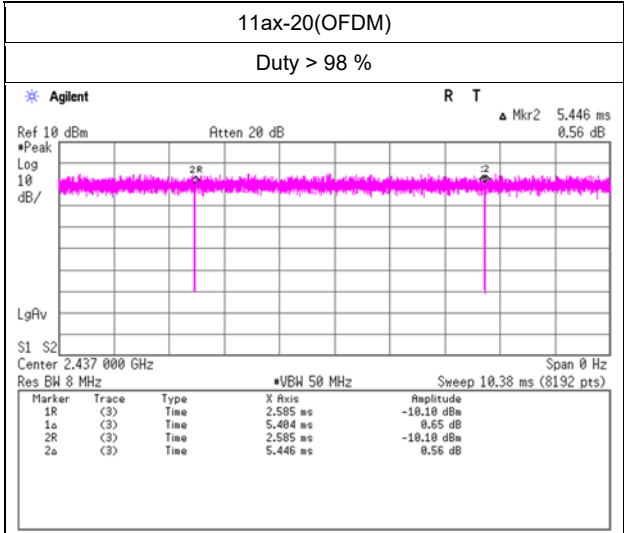
Burst rate confirmation

Mode	Tx 11n-20			
Date	Test Place	Temperature	Humidity	Engineer
February 26, 2026	SAC4	20 deg.C	55 %RH	Junya Okuno



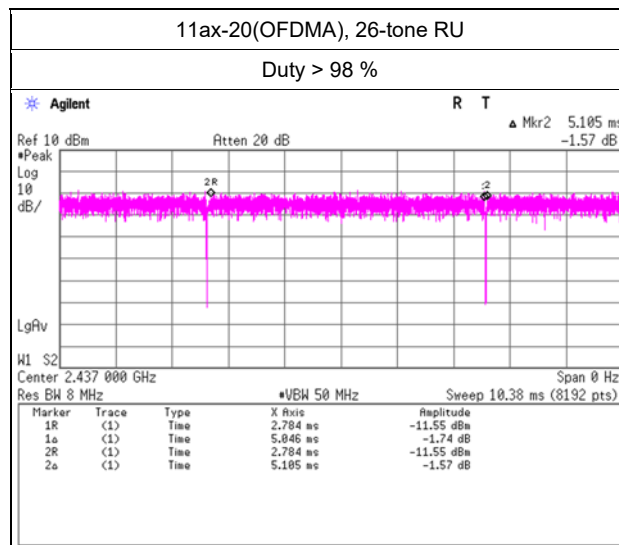
Burst rate confirmation

Mode	Tx 11ax-20(OFDM)			
Date	Test Place	Temperature	Humidity	Engineer
February 26, 2026	SAC4	20 deg.C	55 %RH	Junya Okuno



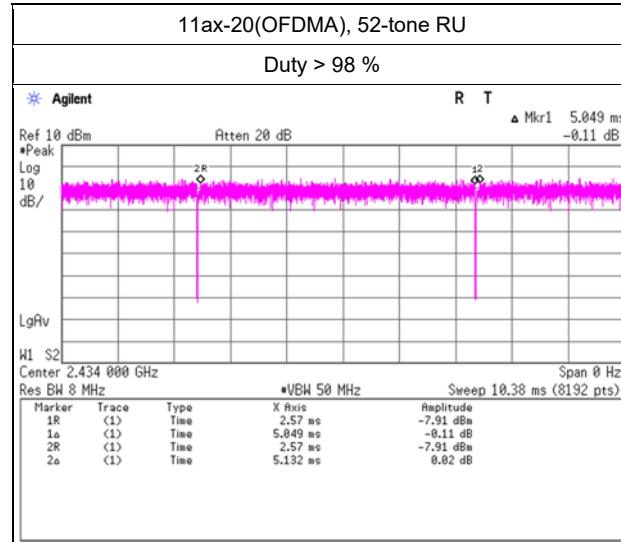
Burst rate confirmation

Mode	Tx 11ax-20(OFDMA), 26-tone RU			
Date	Test Place	Temperature	Humidity	Engineer
March 06, 2026	MR11	22 deg.C	37 %RH	Wataru Toriyama



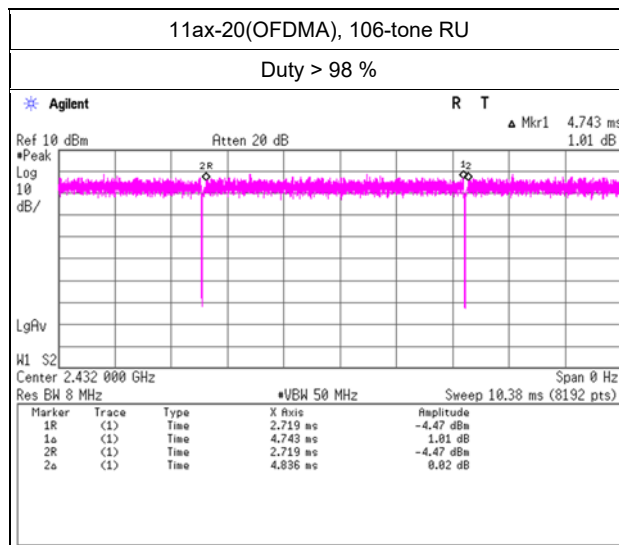
Burst rate confirmation

Mode	Tx 11ax-20(OFDMA), 52-tone RU			
Date	Test Place	Temperature	Humidity	Engineer
March 06, 2026	MR11	22 deg.C	37 %RH	Wataru Toriyama



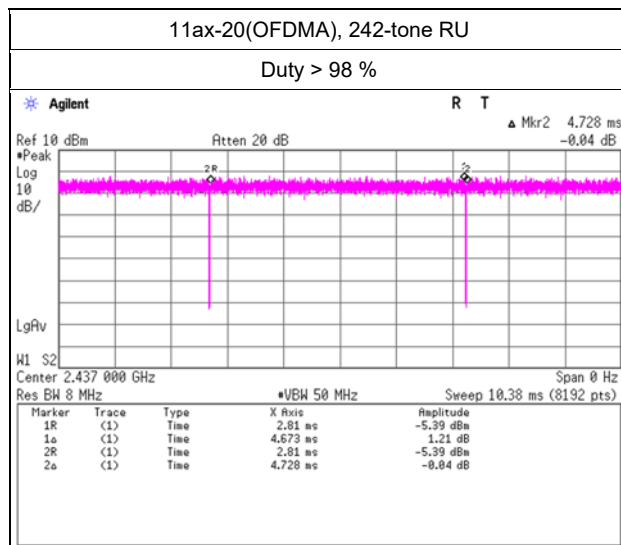
Burst rate confirmation

Mode	Tx 11ax-20(OFDMA), 106-tone RU			
Date	Test Place	Temperature	Humidity	Engineer
March 06, 2026	MR11	22 deg.C	37 %RH	Wataru Toriyama



Burst rate confirmation

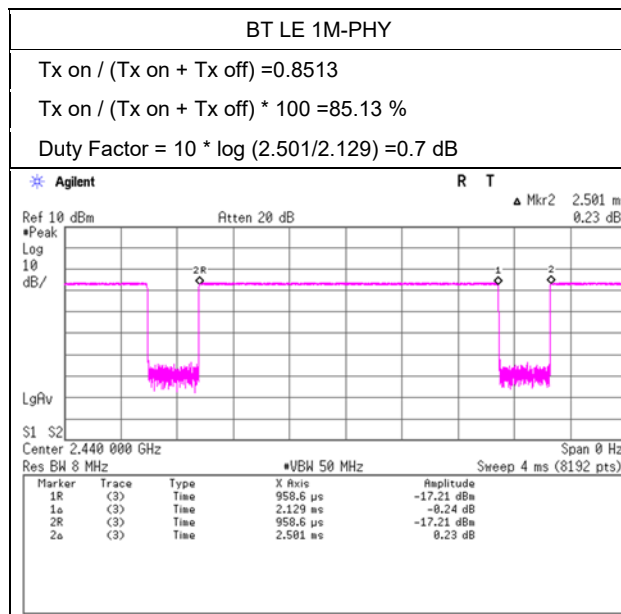
Mode	Tx 11ax-20(OFDMA), 242-tone RU			
Date	Test Place	Temperature	Humidity	Engineer
March 06, 2026	MR11	22 deg.C	37 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx BT LE 1M-PHY			
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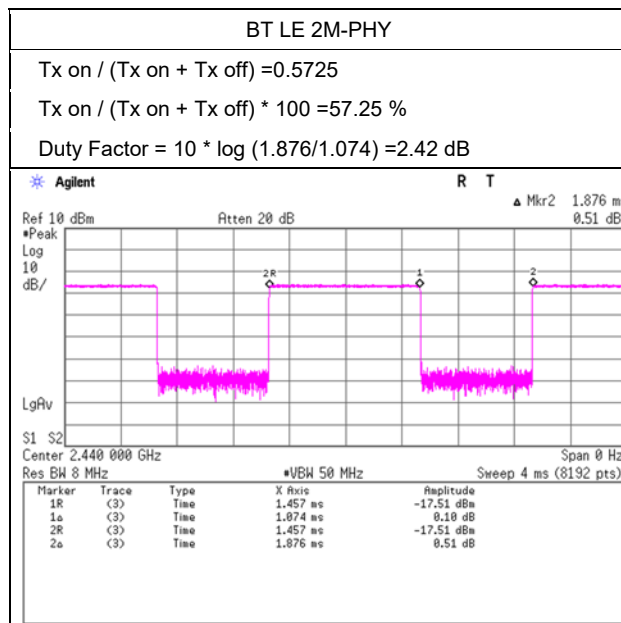
Date	Test Place	Temperature	Humidity	Engineer
February 25, 2026	SAC4	20 deg.C	65 %RH	Nachi Konegawa



Burst rate confirmation

Mode	Tx BT LE 2M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
February 25, 2026	SAC4	20 deg.C	65 %RH	Nachi Konegawa



Radiated Spurious Emission

Mode	Tx 11b 2412 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.8	41.8	24.9	2.4	33.3	-	50.9	35.8	73.9	53.9	23.0	18.1	*1)
Hori.	2390.0	44.0	34.5	27.8	3.0	31.9	0.2	42.9	33.6	73.9	53.9	31.0	20.3	
Hori.	2527.1	49.8	45.0	27.8	3.0	31.9	-	48.7	43.9	73.9	53.9	25.2	10.0	
Hori.	2818.6	46.8	39.1	28.5	3.2	31.7	-	46.8	39.1	73.9	53.9	27.1	14.8	
Hori.	4824.0	41.2	32.3	31.5	5.1	30.9	-	46.9	38.0	73.9	53.9	27.0	15.9	
Hori.	5000.0	43.5	34.9	31.7	5.2	30.8	-	49.5	41.0	73.9	53.9	24.4	13.0	
Hori.	6339.5	44.3	34.2	33.6	5.7	31.5	-	52.0	41.9	73.9	53.9	21.9	12.0	
Hori.	7236.0	43.6	33.8	36.3	6.2	32.2	-	53.9	44.1	73.9	53.9	20.1	9.8	Floor noise
Hori.	9648.0	42.5	33.4	38.2	7.0	32.4	-	55.3	46.2	73.9	53.9	18.6	7.7	Floor noise
Vert.	1584.9	58.9	44.8	24.9	2.4	33.3	-	52.9	38.8	73.9	53.9	21.0	15.1	*1)
Vert.	2390.0	46.6	35.2	27.8	3.0	31.9	0.2	45.5	34.2	73.9	53.9	28.4	19.7	
Vert.	2527.1	49.1	44.4	27.8	3.0	31.9	-	48.0	43.3	73.9	53.9	25.9	10.6	
Vert.	2818.6	45.0	38.6	28.5	3.2	31.7	-	45.0	38.6	73.9	53.9	28.9	15.3	
Vert.	4824.0	41.2	32.3	31.5	5.1	30.9	-	46.9	38.0	73.9	53.9	27.0	15.9	
Vert.	5000.0	44.5	36.5	31.7	5.2	30.8	-	50.5	42.6	73.9	53.9	23.4	11.3	
Vert.	6339.5	44.8	37.3	33.6	5.7	31.5	-	52.5	45.1	73.9	53.9	21.4	8.9	
Vert.	7236.0	43.6	33.8	36.3	6.2	32.2	-	53.9	44.1	73.9	53.9	20.1	9.8	Floor noise
Vert.	9648.0	42.5	33.4	38.2	7.0	32.4	-	55.3	46.2	73.9	53.9	18.6	7.7	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

20dBc Data Sheet

Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	97.2	27.8	3.0	31.9	96.1	-	-	Carrier
Hori.	2400.0	45.8	27.8	3.0	31.9	44.6	76.1	31.5	
Vert.	2412.0	97.9	27.8	3.0	31.9	96.8	-	-	Carrier
Vert.	2400.0	45.8	27.8	3.0	31.9	44.6	76.8	32.2	

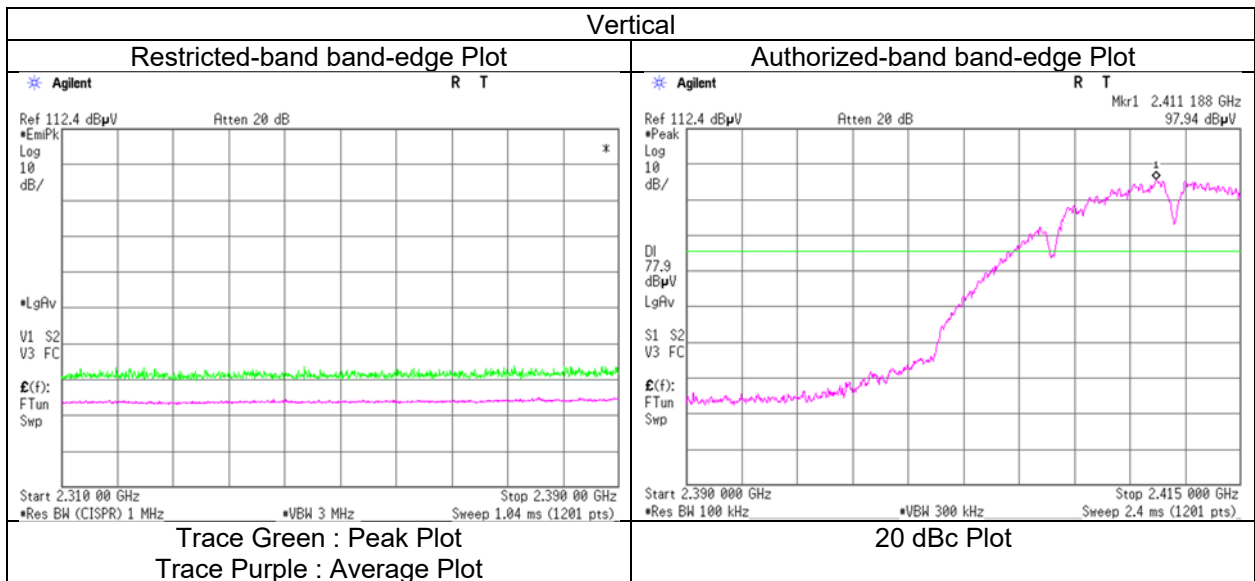
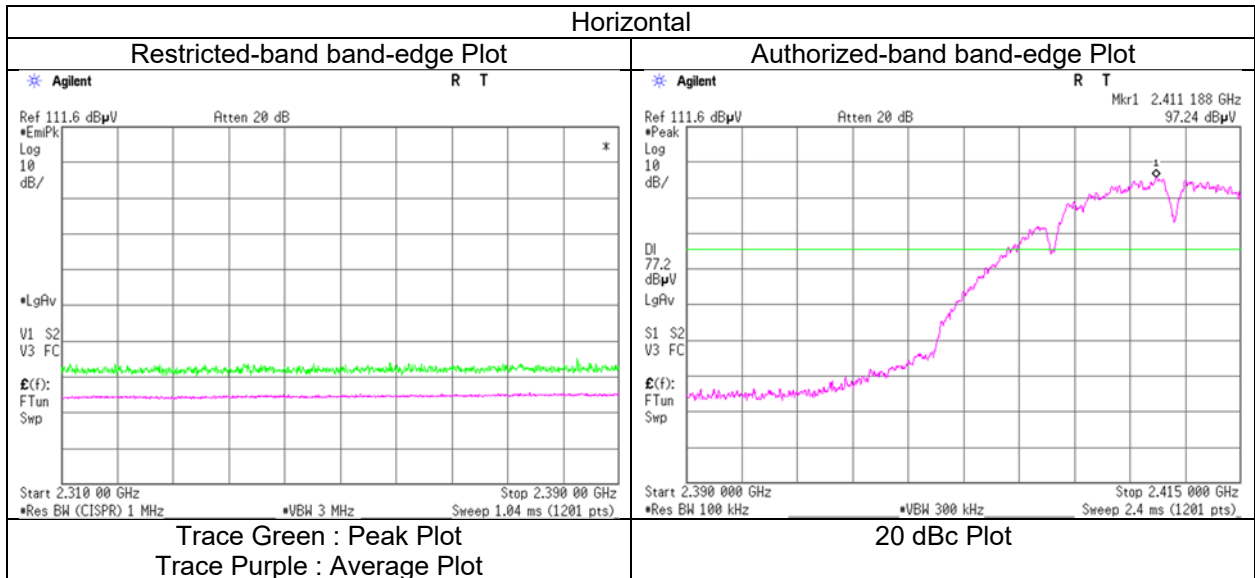
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11b 2412 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz



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

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

Radiated Spurious Emission

Mode	Tx 11b 2437 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.8	41.9	24.9	2.4	33.3	-	50.8	35.9	73.9	53.9	23.1	18.0	Floor noise
Hori.	2527.1	49.7	44.9	27.8	3.0	31.9	-	48.7	43.8	73.9	53.9	25.3	10.1	
Hori.	2818.6	47.0	39.2	28.5	3.2	31.7	-	47.0	39.2	73.9	53.9	26.9	14.7	
Hori.	4874.0	41.6	31.9	31.5	5.1	30.9	-	47.4	37.6	73.9	53.9	26.5	16.3	
Hori.	5000.0	43.7	34.8	31.7	5.2	30.8	-	49.8	40.9	73.9	53.9	24.1	13.0	
Hori.	6339.5	44.4	34.1	33.6	5.7	31.5	-	52.1	41.8	73.9	53.9	21.8	12.1	
Hori.	7411.0	42.7	33.2	36.6	6.3	32.3	-	53.3	43.7	73.9	53.9	20.7	10.2	
Hori.	9748.0	42.3	33.1	38.4	7.1	32.4	-	55.4	46.1	73.9	53.9	18.5	7.8	Floor noise
Vert.	1584.9	58.9	44.7	24.9	2.4	33.3	-	53.0	38.7	73.9	53.9	20.9	15.2	Floor noise
Vert.	2527.1	48.8	44.5	27.8	3.0	31.9	-	47.7	43.4	73.9	53.9	26.2	10.5	
Vert.	2818.6	45.3	38.5	28.5	3.2	31.7	-	45.3	38.5	73.9	53.9	28.6	15.4	
Vert.	4874.0	41.6	31.9	31.5	5.1	30.9	-	47.4	37.6	73.9	53.9	26.5	16.3	
Vert.	5000.0	44.4	36.6	31.7	5.2	30.8	-	50.5	42.6	73.9	53.9	23.4	11.3	
Vert.	6339.5	44.9	37.3	33.6	5.7	31.5	-	52.7	45.0	73.9	53.9	21.2	8.9	
Vert.	7411.0	42.7	33.2	36.6	6.3	32.3	-	53.3	43.7	73.9	53.9	20.7	10.2	
Vert.	9748.0	42.3	33.1	38.4	7.1	32.4	-	55.4	46.1	73.9	53.9	18.5	7.8	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11b 2462 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

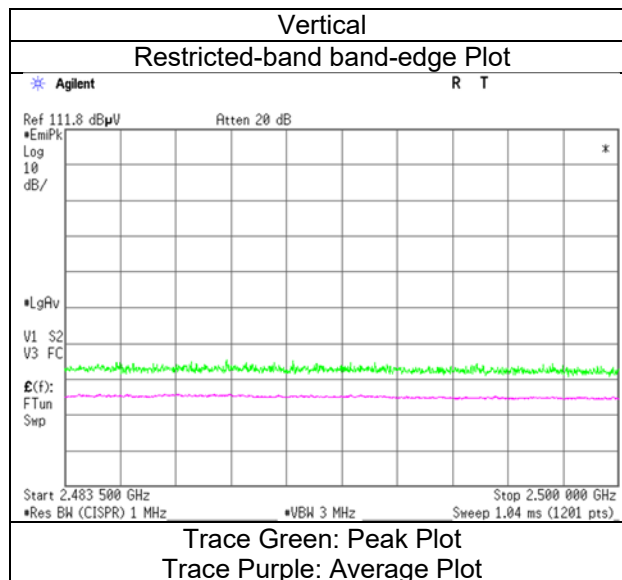
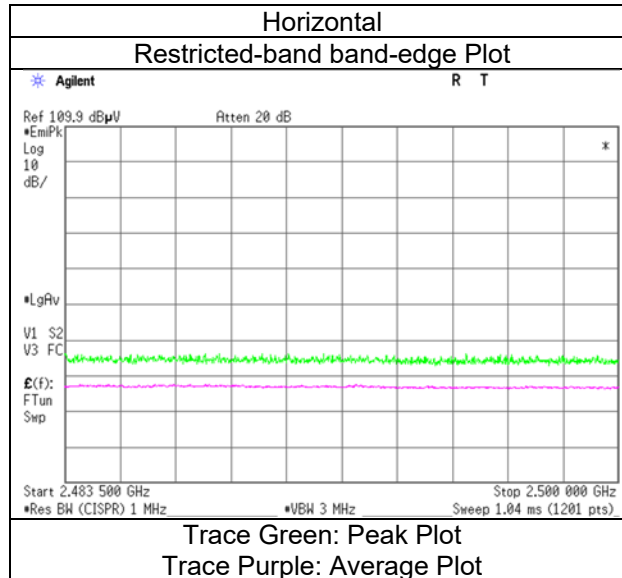
Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.1	41.8	24.9	2.4	33.3	-	50.1	35.8	73.9	53.9	23.8	18.1	*1) Floor noise
Hori.	2483.5	43.9	32.7	27.7	3.0	31.9	0.2	42.7	31.7	73.9	53.9	31.2	22.2	
Hori.	2527.1	49.8	44.8	27.8	3.0	31.9	-	48.8	43.7	73.9	53.9	25.2	10.2	
Hori.	2818.6	47.0	39.0	28.5	3.2	31.7	-	47.0	39.0	73.9	53.9	26.9	14.9	
Hori.	4924.5	40.2	29.5	31.5	5.1	30.9	-	46.1	35.3	73.9	53.9	27.8	18.6	
Hori.	5000.0	43.7	35.0	31.7	5.2	30.8	-	49.8	41.0	73.9	53.9	24.1	12.9	
Hori.	6339.5	44.2	34.0	33.6	5.7	31.5	-	52.0	41.7	73.9	53.9	22.0	12.2	
Hori.	7386.0	42.4	31.5	36.6	6.2	32.3	-	52.8	42.0	73.9	53.9	21.1	11.9	
Hori.	9848.0	42.0	31.3	38.6	7.1	32.5	-	55.2	44.5	73.9	53.9	18.7	9.4	
Vert.	1584.9	58.7	44.8	24.9	2.4	33.3	-	52.8	38.9	73.9	53.9	21.1	15.0	*1) Floor noise
Vert.	2483.5	43.9	35.4	27.7	3.0	31.9	0.2	42.7	34.4	73.9	53.9	31.2	19.5	
Vert.	2527.1	48.9	44.4	27.8	3.0	31.9	-	47.8	43.3	73.9	53.9	26.1	10.6	
Vert.	2818.6	44.9	38.6	28.5	3.2	31.7	-	44.9	38.6	73.9	53.9	29.0	15.3	
Vert.	4924.5	40.2	29.5	31.5	5.1	30.9	-	46.1	35.3	73.9	53.9	27.8	18.6	
Vert.	5000.0	44.1	36.6	31.7	5.2	30.8	-	50.2	42.7	73.9	53.9	23.7	11.2	
Vert.	6339.5	44.6	37.3	33.6	5.7	31.5	-	52.4	45.0	73.9	53.9	21.5	8.9	
Vert.	7386.0	42.4	31.5	36.6	6.2	32.3	-	52.8	42.0	73.9	53.9	21.1	11.9	
Vert.	9848.0	42.0	31.3	38.6	7.1	32.5	-	55.2	44.5	73.9	53.9	18.7	9.4	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)
 Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor
 *Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
 *QP detector was used up to 1GHz.
 *1) Not Out of Band emission(Leakage Power)

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11b 2462 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	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 11g 2412 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	57.1	43.9	24.9	2.4	33.3	-	51.2	38.0	73.9	53.9	22.7	15.9	*1)
Hori.	2390.0	42.7	33.9	27.8	3.0	31.9	0.2	41.6	32.9	73.9	53.9	32.3	21.0	
Hori.	2527.1	49.6	44.9	27.8	3.0	31.9	-	48.6	43.8	73.9	53.9	25.4	10.1	
Hori.	2818.6	47.0	39.0	28.5	3.2	31.7	-	47.0	39.0	73.9	53.9	26.9	14.9	
Hori.	4824.0	41.2	32.3	31.5	5.1	30.9	-	46.9	38.0	73.9	53.9	27.0	15.9	Floor noise
Hori.	5000.0	43.6	34.8	31.7	5.2	30.8	-	49.7	40.9	73.9	53.9	24.2	13.0	
Hori.	6339.5	44.4	34.1	33.6	5.7	31.5	-	52.1	41.8	73.9	53.9	21.8	12.1	
Hori.	7236.0	43.6	33.8	36.3	6.2	32.2	-	53.9	44.1	73.9	53.9	20.1	9.8	Floor noise
Hori.	9648.0	42.5	33.4	38.2	7.0	32.4	-	55.3	46.2	73.9	53.9	18.6	7.7	Floor noise
Vert.	1584.9	58.8	44.6	24.9	2.4	33.3	-	52.9	38.7	73.9	53.9	21.0	15.2	*1)
Vert.	2390.0	46.2	34.6	27.8	3.0	31.9	0.2	45.1	33.6	73.9	53.9	28.8	20.4	
Vert.	2527.1	48.9	44.4	27.8	3.0	31.9	-	47.8	43.3	73.9	53.9	26.1	10.6	
Vert.	2818.6	45.3	38.7	28.5	3.2	31.7	-	45.3	38.7	73.9	53.9	28.6	15.2	
Vert.	4824.0	41.2	32.3	31.5	5.1	30.9	-	46.9	38.0	73.9	53.9	27.0	15.9	Floor noise
Vert.	5000.0	44.5	36.5	31.7	5.2	30.8	-	50.5	42.5	73.9	53.9	23.4	11.4	
Vert.	6339.5	44.6	37.4	33.6	5.7	31.5	-	52.4	45.1	73.9	53.9	21.6	8.8	
Vert.	7236.0	43.6	33.8	36.3	6.2	32.2	-	53.9	44.1	73.9	53.9	20.1	9.8	Floor noise
Vert.	9648.0	42.5	33.4	38.2	7.0	32.4	-	55.3	46.2	73.9	53.9	18.6	7.7	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

20dBc Data Sheet

Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	88.2	27.8	3.0	31.9	87.0	-	-	Carrier
Hori.	2400.0	56.1	27.8	3.0	31.9	54.9	67.0	12.1	
Vert.	2412.0	89.1	27.8	3.0	31.9	87.9	-	-	Carrier
Vert.	2400.0	55.7	27.8	3.0	31.9	54.5	67.9	13.4	

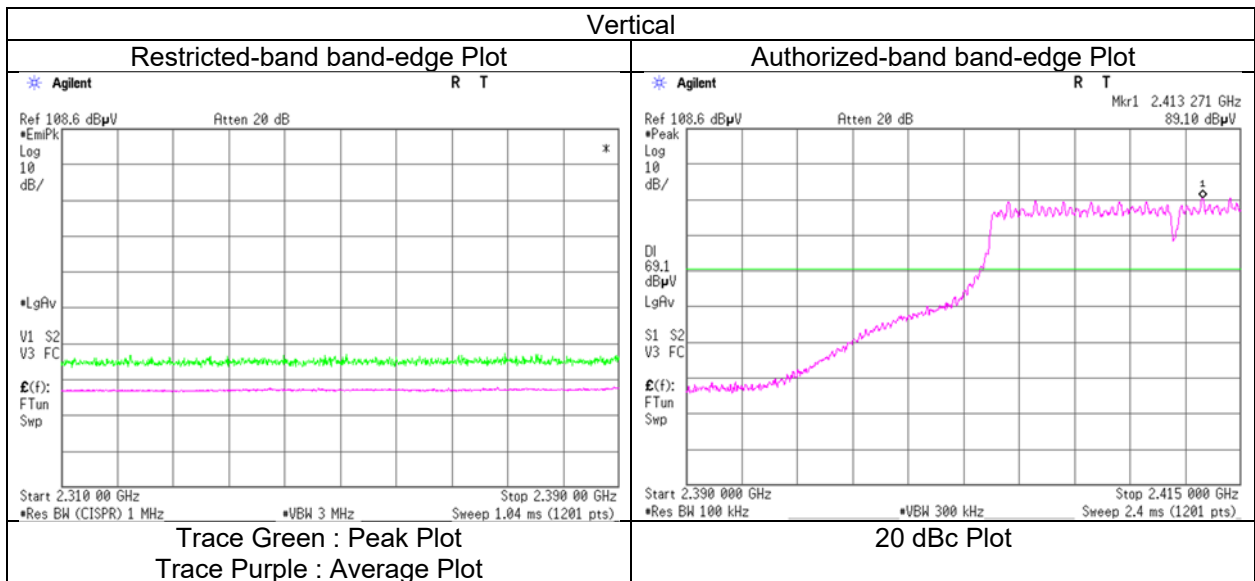
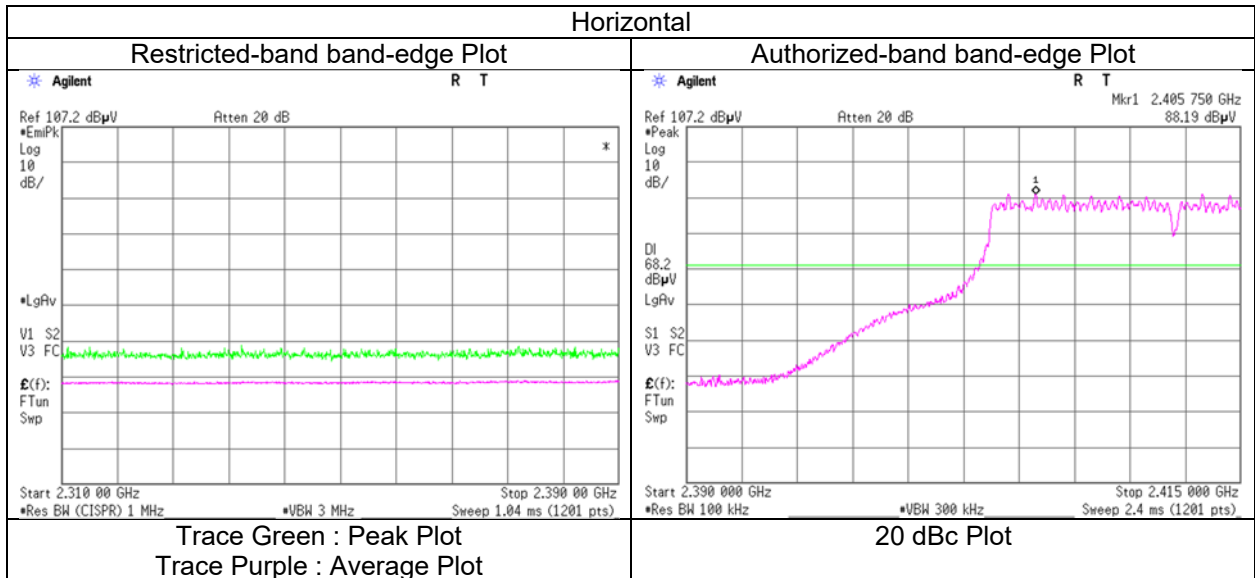
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Distance factor: 18 GHz- 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11g 2412 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz



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

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

Radiated Spurious Emission

Mode	Tx 11g 2437 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	57.0	41.8	24.9	2.4	33.3	-	51.0	35.9	73.9	53.9	22.9	18.0	
Hori.	2527.1	49.8	45.0	27.8	3.0	31.9	-	48.8	43.9	73.9	53.9	25.1	10.0	
Hori.	2818.6	46.8	39.1	28.5	3.2	31.7	-	46.8	39.1	73.9	53.9	27.1	14.8	
Hori.	4874.0	41.6	31.9	31.5	5.1	30.9	-	47.4	37.6	73.9	53.9	26.5	16.3	Floor noise
Hori.	5000.0	43.5	34.9	31.7	5.2	30.8	-	49.5	41.0	73.9	53.9	24.4	12.9	
Hori.	6339.5	44.4	34.1	33.6	5.7	31.5	-	52.1	41.8	73.9	53.9	21.8	12.1	
Hori.	7411.0	42.7	33.2	36.6	6.3	32.3	-	53.3	43.7	73.9	53.9	20.7	10.2	Floor noise
Hori.	9748.0	42.3	33.1	38.4	7.1	32.4	-	55.4	46.1	73.9	53.9	18.5	7.8	Floor noise
Vert.	1584.9	58.8	44.7	24.9	2.4	33.3	-	52.9	38.8	73.9	53.9	21.1	15.1	
Vert.	2527.1	48.8	44.5	27.8	3.0	31.9	-	47.8	43.4	73.9	53.9	26.1	10.5	
Vert.	2818.6	44.9	38.6	28.5	3.2	31.7	-	44.9	38.6	73.9	53.9	29.0	15.3	
Vert.	4874.0	41.6	31.9	31.5	5.1	30.9	-	47.4	37.6	73.9	53.9	26.5	16.3	Floor noise
Vert.	5000.0	44.4	36.5	31.7	5.2	30.8	-	50.5	42.5	73.9	53.9	23.4	11.4	
Vert.	6339.5	44.8	37.4	33.6	5.7	31.5	-	52.6	45.2	73.9	53.9	21.3	8.7	
Vert.	7411.0	42.7	33.2	36.6	6.3	32.3	-	53.3	43.7	73.9	53.9	20.7	10.2	Floor noise
Vert.	9748.0	42.3	33.1	38.4	7.1	32.4	-	55.4	46.1	73.9	53.9	18.5	7.8	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11g 2462 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	57.0	41.8	24.9	2.4	33.3	-	51.1	35.8	73.9	53.9	22.8	18.1	*1) Floor noise
Hori.	2483.5	42.3	33.7	27.7	3.0	31.9	0.2	41.1	32.7	73.9	53.9	32.8	21.2	
Hori.	2527.1	49.8	44.9	27.8	3.0	31.9	-	48.7	43.9	73.9	53.9	25.2	10.0	
Hori.	2818.6	46.8	39.2	28.5	3.2	31.7	-	46.8	39.2	73.9	53.9	27.1	14.7	
Hori.	4924.5	40.2	29.5	31.5	5.1	30.9	-	46.1	35.3	73.9	53.9	27.8	18.6	
Hori.	5000.0	43.7	34.8	31.7	5.2	30.8	-	49.7	40.9	73.9	53.9	24.2	13.0	
Hori.	6339.5	44.5	34.3	33.6	5.7	31.5	-	52.2	42.0	73.9	53.9	21.7	11.9	
Hori.	7386.0	42.4	31.5	36.6	6.2	32.3	-	52.8	42.0	73.9	53.9	21.1	11.9	
Hori.	9848.0	42.0	31.3	38.6	7.1	32.5	-	55.2	44.5	73.9	53.9	18.7	9.4	
Vert.	1584.9	58.8	44.7	24.9	2.4	33.3	-	52.9	38.8	73.9	53.9	21.0	15.1	*1) Floor noise
Vert.	2483.5	43.2	33.9	27.7	3.0	31.9	0.2	42.1	32.9	73.9	53.9	31.8	21.0	
Vert.	2527.1	48.9	44.5	27.8	3.0	31.9	-	47.9	43.4	73.9	53.9	26.0	10.5	
Vert.	2818.6	45.2	38.5	28.5	3.2	31.7	-	45.2	38.5	73.9	53.9	28.7	15.4	
Vert.	4924.5	40.2	29.5	31.5	5.1	30.9	-	46.1	35.3	73.9	53.9	27.8	18.6	
Vert.	5000.0	44.3	36.6	31.7	5.2	30.8	-	50.3	42.7	73.9	53.9	23.6	11.2	
Vert.	6339.5	44.8	37.3	33.6	5.7	31.5	-	52.5	45.0	73.9	53.9	21.4	8.9	
Vert.	7386.0	42.4	31.5	36.6	6.2	32.3	-	52.8	42.0	73.9	53.9	21.1	11.9	
Vert.	9848.0	42.0	31.3	38.6	7.1	32.5	-	55.2	44.5	73.9	53.9	18.7	9.4	

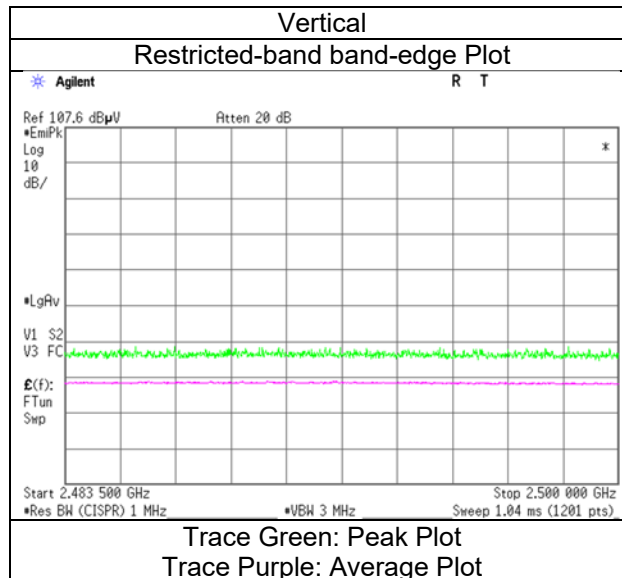
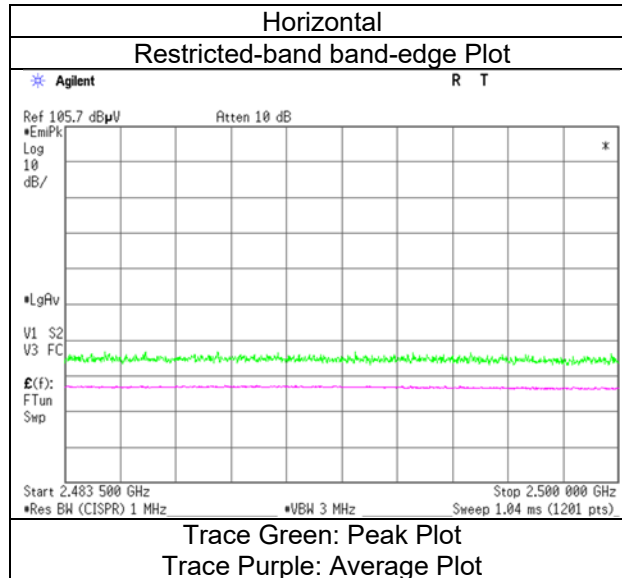
Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)
 Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor
 *Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).
 *QP detector was used up to 1GHz.
 *1) Not Out of Band emission(Leakage Power)

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11g 2462 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	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 11n-20 2412 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.9	41.8	24.9	2.4	33.3	-	50.9	35.9	73.9	53.9	23.0	18.0	
Hori.	2390.0	43.9	34.0	27.8	3.0	31.9	-	42.7	32.8	73.9	53.9	31.2	21.1	
Hori.	2527.1	49.9	44.7	27.8	3.0	31.9	-	48.8	43.7	73.9	53.9	25.1	10.2	
Hori.	2818.6	47.1	38.9	28.5	3.2	31.7	-	47.1	38.9	73.9	53.9	26.8	15.0	
Hori.	4824.0	41.2	32.3	31.5	5.1	30.9	-	46.9	38.0	73.9	53.9	27.0	15.9	Floor noise
Hori.	5000.0	43.7	34.8	31.7	5.2	30.8	-	49.8	40.9	73.9	53.9	24.1	13.0	
Hori.	6339.5	44.4	34.1	33.6	5.7	31.5	-	52.2	41.9	73.9	53.9	21.7	12.0	
Hori.	7236.0	43.6	33.8	36.3	6.2	32.2	-	53.9	44.1	73.9	53.9	20.1	9.8	Floor noise
Hori.	9648.0	42.5	33.4	38.2	7.0	32.4	-	55.3	46.2	73.9	53.9	18.6	7.7	Floor noise
Vert.	1584.9	59.0	44.6	24.9	2.4	33.3	-	53.1	38.7	73.9	53.9	20.8	15.2	
Vert.	2390.0	47.1	34.3	27.8	3.0	31.9	-	45.9	33.1	73.9	53.9	28.0	20.8	
Vert.	2527.1	49.0	44.3	27.8	3.0	31.9	-	48.0	43.2	73.9	53.9	26.0	10.7	
Vert.	2818.6	45.2	38.6	28.5	3.2	31.7	-	45.2	38.6	73.9	53.9	28.7	15.3	
Vert.	4824.0	41.2	32.3	31.5	5.1	30.9	-	46.9	38.0	73.9	53.9	27.0	15.9	Floor noise
Vert.	5000.0	44.5	36.4	31.7	5.2	30.8	-	50.5	42.5	73.9	53.9	23.4	11.4	
Vert.	6339.5	44.6	37.3	33.6	5.7	31.5	-	52.4	45.1	73.9	53.9	21.6	8.8	
Vert.	7236.0	43.6	33.8	36.3	6.2	32.2	-	53.9	44.1	73.9	53.9	20.1	9.8	Floor noise
Vert.	9648.0	42.5	33.4	38.2	7.0	32.4	-	55.3	46.2	73.9	53.9	18.6	7.7	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

20dBc Data Sheet

Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	87.9	27.8	3.0	31.9	86.7	-	-	Carrier
Hori.	2400.0	57.2	27.8	3.0	31.9	56.0	66.7	10.7	
Vert.	2412.0	88.7	27.8	3.0	31.9	87.5	-	-	Carrier
Vert.	2400.0	58.2	27.8	3.0	31.9	57.0	67.5	10.6	

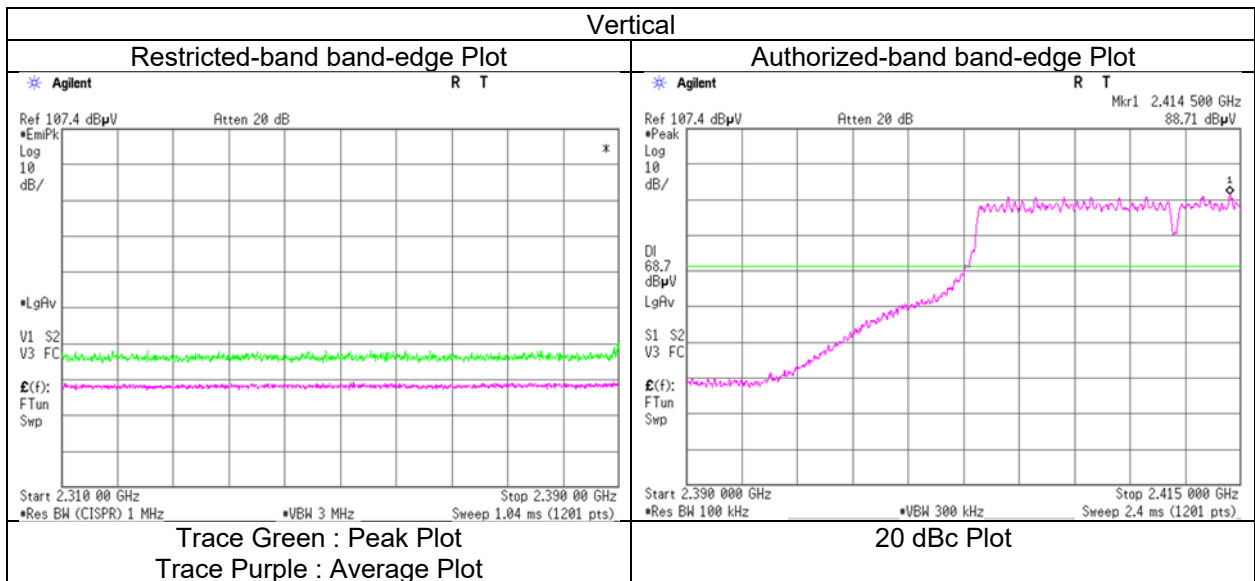
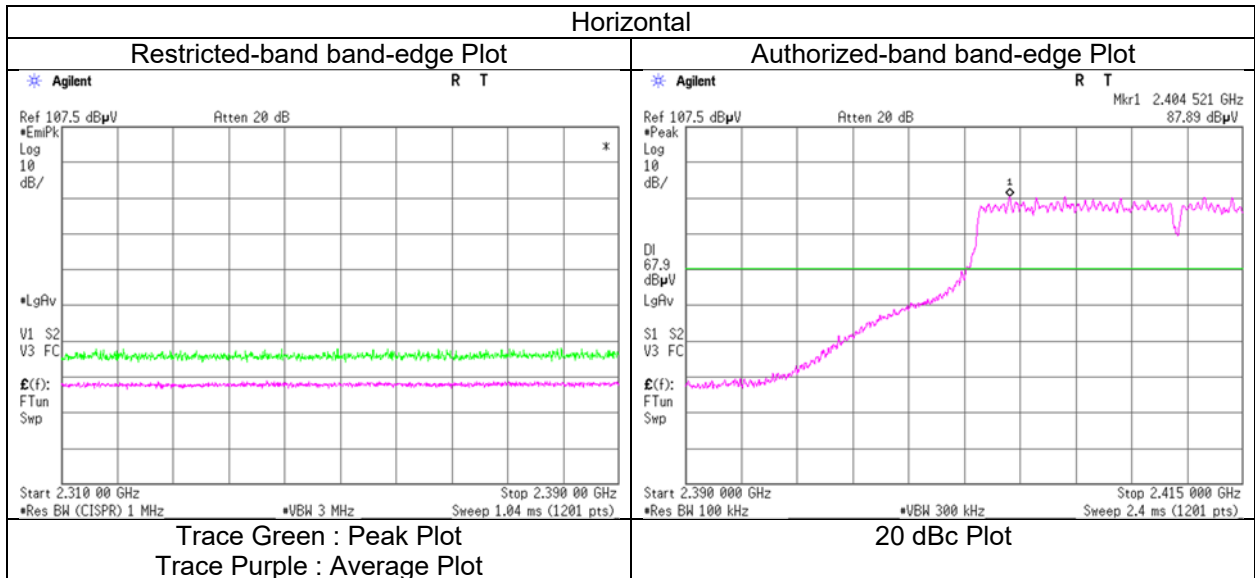
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11n-20 2412 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz



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

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

Radiated Spurious Emission

Mode	Tx 11n-20 2437 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.9	41.7	24.9	2.4	33.3	-	51.0	35.8	73.9	53.9	23.0	18.1	Floor noise
Hori.	2527.1	49.7	44.8	27.8	3.0	31.9	-	48.6	43.8	73.9	53.9	25.3	10.1	
Hori.	2818.6	46.8	39.1	28.5	3.2	31.7	-	46.8	39.1	73.9	53.9	27.1	14.8	
Hori.	4874.0	41.6	31.9	31.5	5.1	30.9	-	47.4	37.6	73.9	53.9	26.5	16.3	
Hori.	5000.0	43.5	34.9	31.7	5.2	30.8	-	49.6	41.0	73.9	53.9	24.3	12.9	
Hori.	6339.5	44.3	33.9	33.6	5.7	31.5	-	52.1	41.7	73.9	53.9	21.8	12.2	
Hori.	7411.0	42.7	33.2	36.6	6.3	32.3	-	53.3	43.7	73.9	53.9	20.7	10.2	Floor noise
Hori.	9748.0	42.3	33.1	38.4	7.1	32.4	-	55.4	46.1	73.9	53.9	18.5	7.8	Floor noise
Vert.	1584.9	58.9	44.8	24.9	2.4	33.3	-	53.0	38.8	73.9	53.9	21.0	15.1	Floor noise
Vert.	2527.1	49.1	44.5	27.8	3.0	31.9	-	48.1	43.4	73.9	53.9	25.8	10.5	
Vert.	2818.6	45.0	38.6	28.5	3.2	31.7	-	45.0	38.6	73.9	53.9	28.9	15.3	
Vert.	4874.0	41.6	31.9	31.5	5.1	30.9	-	47.4	37.6	73.9	53.9	26.5	16.3	
Vert.	5000.0	44.4	36.6	31.7	5.2	30.8	-	50.4	42.7	73.9	53.9	23.5	11.2	
Vert.	6339.5	44.7	37.4	33.6	5.7	31.5	-	52.5	45.1	73.9	53.9	21.4	8.8	
Vert.	7411.0	42.7	33.2	36.6	6.3	32.3	-	53.3	43.7	73.9	53.9	20.7	10.2	Floor noise
Vert.	9748.0	42.3	33.1	38.4	7.1	32.4	-	55.4	46.1	73.9	53.9	18.5	7.8	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11n-20 2462 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.9	41.8	24.9	2.4	33.3	-	50.9	35.8	73.9	53.9	23.0	18.1	
Hori.	2483.5	42.9	33.7	27.7	3.0	31.9	-	41.7	32.6	73.9	53.9	32.2	21.3	
Hori.	2527.1	49.7	45.0	27.8	3.0	31.9	-	48.7	44.0	73.9	53.9	25.2	9.9	
Hori.	2818.6	46.9	39.2	28.5	3.2	31.7	-	46.9	39.2	73.9	53.9	27.0	14.8	
Hori.	4924.5	40.2	29.5	31.5	5.1	30.9	-	46.1	35.3	73.9	53.9	27.8	18.6	Floor noise
Hori.	5000.0	43.6	34.9	31.7	5.2	30.8	-	49.6	40.9	73.9	53.9	24.3	13.0	
Hori.	6339.5	44.4	34.0	33.6	5.7	31.5	-	52.2	41.8	73.9	53.9	21.7	12.1	
Hori.	7386.0	42.4	31.5	36.6	6.2	32.3	-	52.8	42.0	73.9	53.9	21.1	11.9	Floor noise
Hori.	9848.0	42.0	31.3	38.6	7.1	32.5	-	55.2	44.5	73.9	53.9	18.7	9.4	Floor noise
Vert.	1584.9	58.7	44.8	24.9	2.4	33.3	-	52.8	38.9	73.9	53.9	21.1	15.0	
Vert.	2483.5	43.8	34.1	27.7	3.0	31.9	-	42.7	32.9	73.9	53.9	31.3	21.0	
Vert.	2527.1	49.0	44.5	27.8	3.0	31.9	-	48.0	43.5	73.9	53.9	25.9	10.4	
Vert.	2818.6	45.1	38.6	28.5	3.2	31.7	-	45.1	38.6	73.9	53.9	28.8	15.3	
Vert.	4924.5	40.2	29.5	31.5	5.1	30.9	-	46.1	35.3	73.9	53.9	27.8	18.6	Floor noise
Vert.	5000.0	44.2	36.5	31.7	5.2	30.8	-	50.3	42.6	73.9	53.9	23.7	11.3	
Vert.	6339.5	44.7	37.4	33.6	5.7	31.5	-	52.5	45.2	73.9	53.9	21.5	8.7	
Vert.	7386.0	42.4	31.5	36.6	6.2	32.3	-	52.8	42.0	73.9	53.9	21.1	11.9	Floor noise
Vert.	9848.0	42.0	31.3	38.6	7.1	32.5	-	55.2	44.5	73.9	53.9	18.7	9.4	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

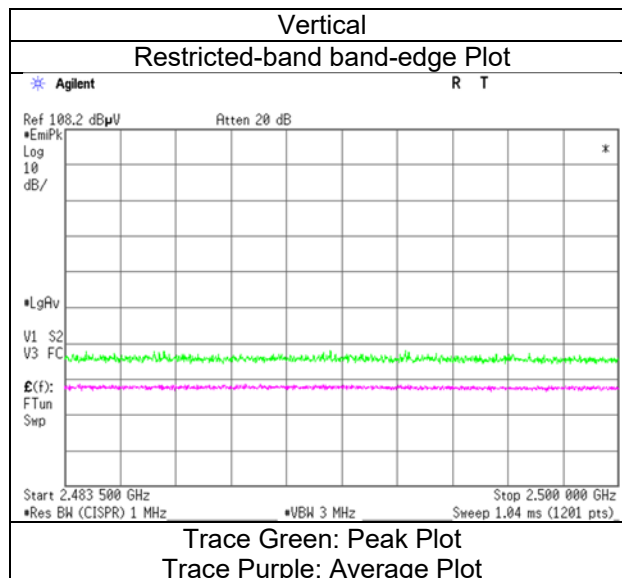
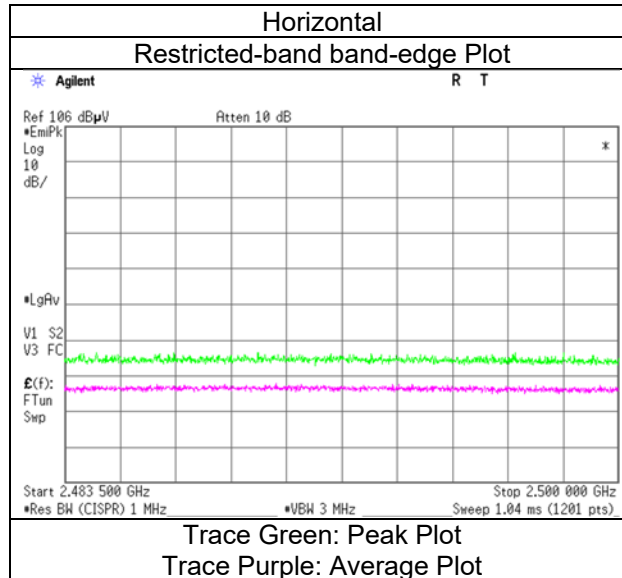
*QP detector was used up to 1GHz.

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11n-20 2462 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	22 deg. C	52 % RH	Nachi Konegawa	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 11ax-20 2412 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2026	SAC4	20 deg. C	50 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Shousei Hamaguchi	Below 1 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	72.1	34.7	-	6.4	7.6	32.1	-	16.6	-	40.0	-	23.4	-	
Hori.	255.7	36.6	-	11.9	9.2	32.0	-	25.7	-	46.0	-	20.3	-	
Hori.	594.3	31.7	-	19.0	10.9	32.3	-	29.3	-	46.0	-	16.7	-	
Hori.	792.4	30.5	-	20.5	11.8	31.8	-	30.9	-	46.0	-	15.1	-	
Hori.	838.6	33.9	-	21.0	11.9	31.5	-	35.3	-	46.0	-	10.7	-	
Hori.	990.5	32.5	-	22.1	12.6	30.6	-	36.6	-	53.9	-	17.3	-	
Hori.	1584.9	56.9	41.8	24.9	2.4	33.3	-	51.0	35.9	73.9	53.9	22.9	18.0	
Hori.	2390.0	44.0	34.1	27.8	3.0	31.9	-	42.9	32.9	73.9	53.9	31.0	21.0	
Hori.	2527.1	49.9	44.7	27.8	3.0	31.9	-	48.9	43.7	73.9	53.9	25.0	10.2	
Hori.	2818.6	46.9	39.2	28.5	3.2	31.7	-	46.9	39.2	73.9	53.9	27.1	14.7	
Hori.	4824.0	41.5	32.2	31.5	5.1	30.9	-	47.2	37.9	73.9	53.9	26.7	16.0	Floor noise
Hori.	5000.0	43.7	34.9	31.7	5.2	30.8	-	49.8	40.9	73.9	53.9	24.1	13.0	
Hori.	6339.5	44.3	34.2	33.6	5.7	31.5	-	52.1	42.0	73.9	53.9	21.8	11.9	
Hori.	7236.0	43.3	33.6	36.3	6.2	32.2	-	53.6	43.9	73.9	53.9	20.3	10.0	Floor noise
Hori.	9648.0	42.9	33.3	38.2	7.0	32.4	-	55.7	46.1	73.9	53.9	18.2	7.8	Floor noise
Vert.	72.3	31.0	-	6.4	7.6	32.1	-	12.9	-	40.0	-	27.1	-	
Vert.	255.7	33.9	-	11.9	9.2	32.0	-	23.0	-	46.0	-	23.0	-	
Vert.	594.3	37.5	-	19.0	10.9	32.3	-	35.1	-	46.0	-	10.9	-	
Vert.	792.4	31.6	-	20.5	11.8	31.8	-	32.0	-	46.0	-	14.0	-	
Vert.	838.6	32.5	-	21.0	11.9	31.5	-	33.9	-	46.0	-	12.1	-	
Vert.	990.5	34.2	-	22.1	12.6	30.6	-	38.3	-	53.9	-	15.6	-	
Vert.	1584.9	58.9	44.7	24.9	2.4	33.3	-	52.9	38.8	73.9	53.9	21.0	15.2	
Vert.	2390.0	47.9	34.4	27.8	3.0	31.9	-	46.7	33.2	73.9	53.9	27.2	20.7	
Vert.	2527.1	48.8	44.5	27.8	3.0	31.9	-	47.7	43.5	73.9	53.9	26.2	10.4	
Vert.	2818.6	45.0	38.6	28.5	3.2	31.7	-	45.0	38.6	73.9	53.9	28.9	15.3	
Vert.	4824.0	41.5	32.2	31.5	5.1	30.9	-	47.3	37.9	73.9	53.9	26.7	16.0	Floor noise
Vert.	5000.0	44.4	36.5	31.7	5.2	30.8	-	50.5	42.5	73.9	53.9	23.4	11.4	
Vert.	6339.5	44.7	37.3	33.6	5.7	31.5	-	52.4	45.0	73.9	53.9	21.5	8.9	
Vert.	7236.0	43.3	33.7	36.3	6.2	32.2	-	53.6	44.0	73.9	53.9	20.3	9.9	Floor noise
Vert.	9648.0	43.0	33.3	38.2	7.0	32.4	-	55.8	46.1	73.9	53.9	18.1	7.8	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz

20dBc Data Sheet

Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	87.9	27.8	3.0	31.9	86.8	-	-	Carrier
Hori.	2400.0	34.7	27.8	3.0	31.9	33.5	66.8	33.3	
Vert.	2412.0	88.1	27.8	3.0	31.9	87.0	-	-	Carrier
Vert.	2400.0	37.1	27.8	3.0	31.9	36.0	67.0	31.0	

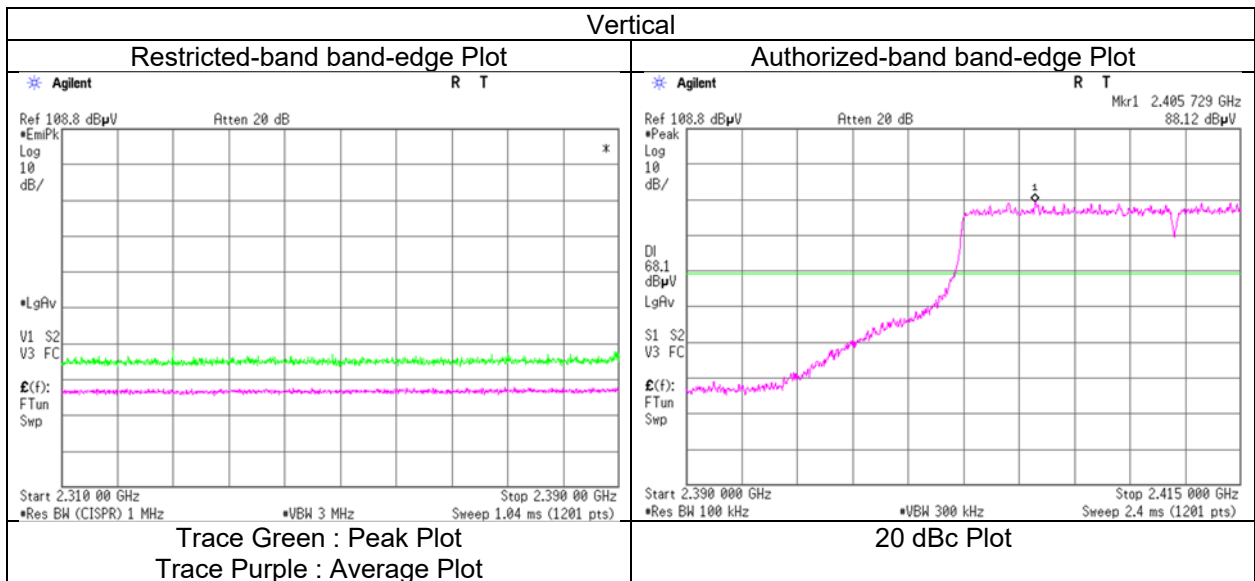
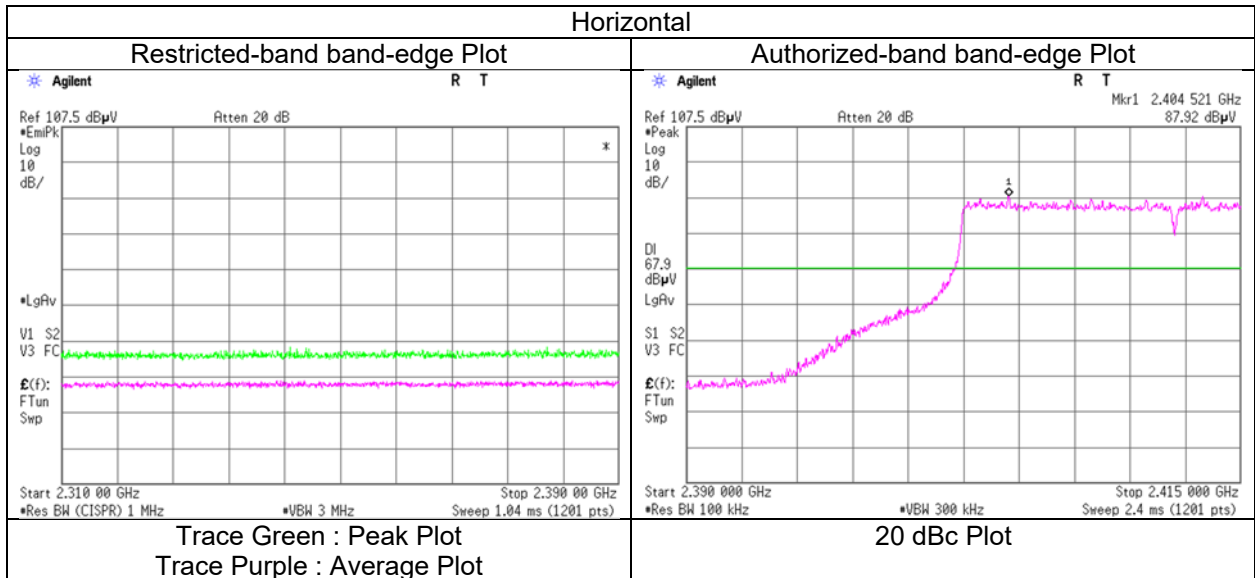
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Distance factor: 18 GHz- 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11ax-20 2412 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2026	SAC4	20 deg. C	50 % RH	Junya Okuno	1 GHz to 10 GHz



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

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

Radiated Spurious Emission

Mode	Tx 11ax-20 2437 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2026	SAC4	20 deg. C	50 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.8	41.8	24.9	2.4	33.3	-	50.9	35.8	73.9	53.9	23.0	18.1	
Hori.	2527.1	49.8	45.0	27.8	3.0	31.9	-	48.7	43.9	73.9	53.9	25.2	10.0	
Hori.	2818.6	47.0	39.0	28.5	3.2	31.7	-	47.0	39.0	73.9	53.9	26.9	15.0	
Hori.	4874.0	41.3	31.8	31.5	5.1	30.9	-	47.1	37.5	73.9	53.9	26.9	16.4	Floor noise
Hori.	5000.0	43.7	34.8	31.7	5.2	30.8	-	49.8	40.9	73.9	53.9	24.1	13.0	
Hori.	6339.5	44.3	34.0	33.6	5.7	31.5	-	52.1	41.7	73.9	53.9	21.8	12.2	
Hori.	7311.0	42.4	33.2	36.4	6.2	32.3	-	52.8	43.5	73.9	53.9	21.1	10.4	Floor noise
Hori.	9748.0	42.0	33.1	38.4	7.1	32.4	-	55.1	46.2	73.9	53.9	18.8	7.7	Floor noise
Vert.	1584.9	58.9	44.7	24.9	2.4	33.3	-	53.0	38.7	73.9	53.9	21.0	15.2	
Vert.	2527.1	48.9	44.5	27.8	3.0	31.9	-	47.8	43.5	73.9	53.9	26.1	10.4	
Vert.	2818.6	45.0	38.6	28.5	3.2	31.7	-	45.0	38.6	73.9	53.9	28.9	15.3	
Vert.	4874.0	41.4	31.8	31.5	5.1	30.9	-	47.2	37.5	73.9	53.9	26.7	16.4	Floor noise
Vert.	5000.0	44.3	36.5	31.7	5.2	30.8	-	50.4	42.6	73.9	53.9	23.5	11.3	
Vert.	6339.5	44.6	37.5	33.6	5.7	31.5	-	52.3	45.2	73.9	53.9	21.6	8.7	
Vert.	7311.0	42.5	33.2	36.4	6.2	32.3	-	52.9	43.6	73.9	53.9	21.0	10.3	Floor noise
Vert.	9748.0	42.1	33.1	38.4	7.1	32.4	-	55.2	46.2	73.9	53.9	18.7	7.7	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11ax-20 2462 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2026	SAC4	20 deg. C	50 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	57.0	41.9	24.9	2.4	33.3	-	51.1	35.9	73.9	53.9	22.8	18.0	
Hori.	2483.5	52.4	34.8	27.7	3.0	31.9	-	51.2	33.7	73.9	53.9	22.7	20.2	
Hori.	2527.1	50.0	44.8	27.8	3.0	31.9	-	48.9	43.8	73.9	53.9	25.0	10.1	
Hori.	2818.6	47.0	39.1	28.5	3.2	31.7	-	47.0	39.1	73.9	53.9	26.9	14.8	
Hori.	4924.0	41.1	31.5	31.5	5.1	30.9	-	46.9	37.4	73.9	53.9	27.0	16.6	Floor noise
Hori.	5000.0	43.8	34.8	31.7	5.2	30.8	-	49.8	40.9	73.9	53.9	24.1	13.0	
Hori.	6339.5	44.3	34.0	33.6	5.7	31.5	-	52.0	41.8	73.9	53.9	21.9	12.1	
Hori.	7386.0	42.8	33.5	36.6	6.2	32.3	-	53.3	44.0	73.9	53.9	20.6	9.9	Floor noise
Hori.	9848.0	42.4	33.3	38.6	7.1	32.5	-	55.6	46.5	73.9	53.9	18.3	7.4	Floor noise
Vert.	1584.9	58.9	44.7	24.9	2.4	33.3	-	52.9	38.8	73.9	53.9	21.0	15.1	
Vert.	2483.5	51.0	34.7	27.7	3.0	31.9	-	49.8	33.5	73.9	53.9	24.1	20.4	
Vert.	2527.1	48.9	44.4	27.8	3.0	31.9	-	47.9	43.3	73.9	53.9	26.0	10.6	
Vert.	2818.6	45.0	38.5	28.5	3.2	31.7	-	45.0	38.5	73.9	53.9	28.9	15.4	
Vert.	4924.0	41.0	31.6	31.5	5.1	30.9	-	46.8	37.4	73.9	53.9	27.1	16.5	Floor noise
Vert.	5000.0	44.3	36.4	31.7	5.2	30.8	-	50.4	42.4	73.9	53.9	23.5	11.5	
Vert.	6339.5	44.7	37.2	33.6	5.7	31.5	-	52.4	45.0	73.9	53.9	21.5	8.9	
Vert.	7386.0	42.8	33.5	36.6	6.2	32.3	-	53.3	44.0	73.9	53.9	20.7	9.9	Floor noise
Vert.	9848.0	42.4	33.3	38.6	7.1	32.5	-	55.6	46.5	73.9	53.9	18.3	7.4	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

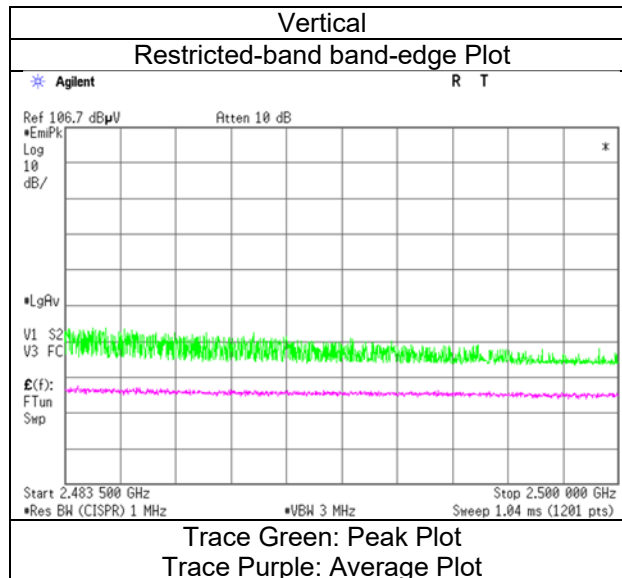
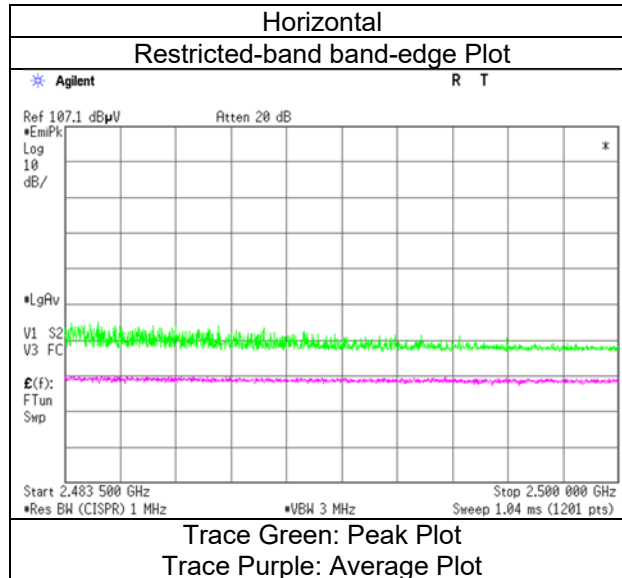
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*QP detector was used up to 1GHz.

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx 11ax-20 2462 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2026	SAC4	20 deg. C	50 % RH	Junya Okuno	1 GHz to 10 GHz



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

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

Radiated Spurious Emission

Mode	Tx BT LE 1M 2402 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2026	SAC4	20 deg. C	65 % RH	Nachi Konegawa	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.9	41.8	24.9	2.4	33.3	-	51.0	35.8	73.9	53.9	22.9	18.1	
Hori.	2354.0	43.6	33.2	27.9	2.9	32.0	0.7	42.5	32.8	73.9	53.9	31.4	21.1	*2)
Hori.	2390.0	43.3	33.4	27.8	3.0	31.9	0.7	42.1	32.9	73.9	53.9	31.8	21.0	*1)
Hori.	2527.1	49.8	44.9	27.8	3.0	31.9	-	48.8	43.8	73.9	53.9	25.1	10.1	
Hori.	2818.6	46.9	39.1	28.5	3.2	31.7	-	46.9	39.1	73.9	53.9	27.0	14.8	
Hori.	4804.0	41.3	32.0	31.5	5.1	30.9	-	47.0	37.7	73.9	53.9	26.9	16.2	Floor noise
Hori.	5000.0	43.6	34.8	31.7	5.2	30.8	-	49.7	40.9	73.9	53.9	24.2	13.0	
Hori.	6339.5	44.3	34.1	33.6	5.7	31.5	-	52.0	41.9	73.9	53.9	21.9	12.1	
Hori.	7206.0	43.3	34.0	36.3	6.2	32.2	-	53.6	44.2	73.9	53.9	20.3	9.7	Floor noise
Hori.	9608.0	42.6	33.2	38.1	7.0	32.4	-	55.3	45.9	73.9	53.9	18.6	8.0	Floor noise
Vert.	1584.9	58.9	44.7	24.9	2.4	33.3	-	52.9	38.8	73.9	53.9	21.0	15.1	
Vert.	2354.0	45.9	32.8	27.9	2.9	32.0	0.7	44.8	32.4	73.9	53.9	29.1	21.5	*2)
Vert.	2390.0	48.4	34.1	27.8	3.0	31.9	0.7	47.3	33.7	73.9	53.9	26.6	20.3	*1)
Vert.	2527.1	48.9	44.4	27.8	3.0	31.9	-	47.9	43.4	73.9	53.9	26.1	10.5	
Vert.	2818.6	45.1	38.6	28.5	3.2	31.7	-	45.1	38.6	73.9	53.9	28.8	15.3	
Vert.	4804.0	41.3	32.0	31.5	5.1	30.9	-	47.0	37.7	73.9	53.9	26.9	16.2	Floor noise
Vert.	5000.0	44.3	36.5	31.7	5.2	30.8	-	50.4	42.6	73.9	53.9	23.5	11.3	
Vert.	6339.5	44.7	37.4	33.6	5.7	31.5	-	52.5	45.1	73.9	53.9	21.5	8.8	
Vert.	7206.0	43.3	34.0	36.3	6.2	32.2	-	53.6	44.2	73.9	53.9	20.3	9.7	Floor noise
Vert.	9608.0	42.6	33.2	38.1	7.0	32.4	-	55.3	45.9	73.9	53.9	18.6	8.0	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

*2) Noise synchronized with duty of carrier frequency

20dBc Data Sheet

Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2402.0	95.6	27.8	3.0	31.9	94.4	-	-	Carrier
Hori.	2400.0	39.1	27.8	3.0	31.9	37.9	74.4	36.5	
Vert.	2402.0	95.8	27.8	3.0	31.9	94.6	-	-	Carrier
Vert.	2400.0	41.3	27.8	3.0	31.9	40.2	74.6	34.5	

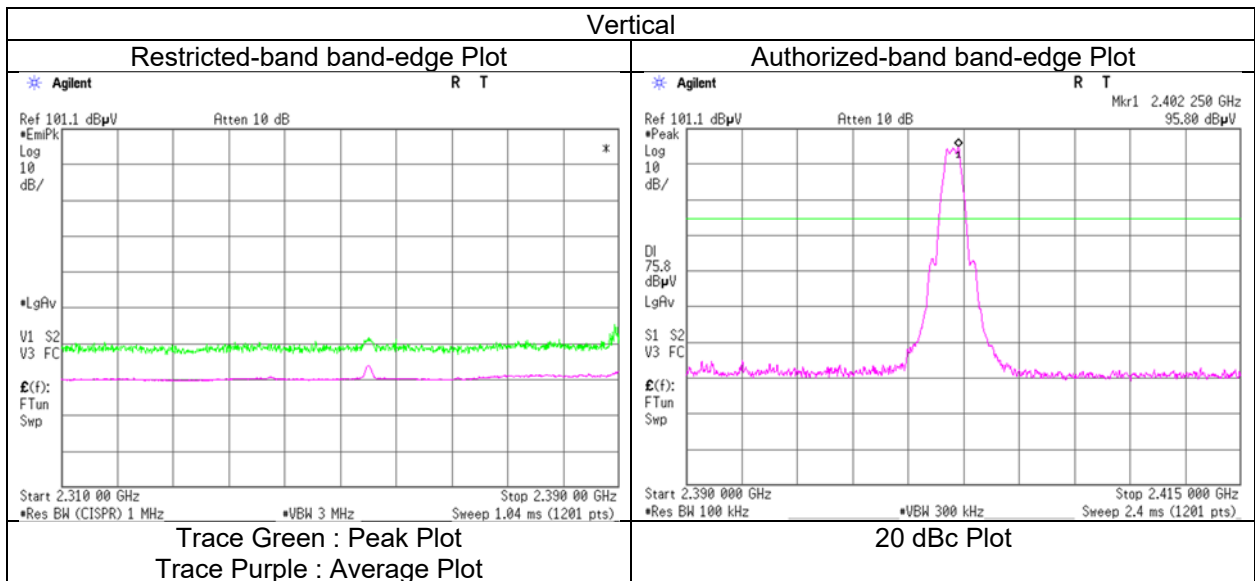
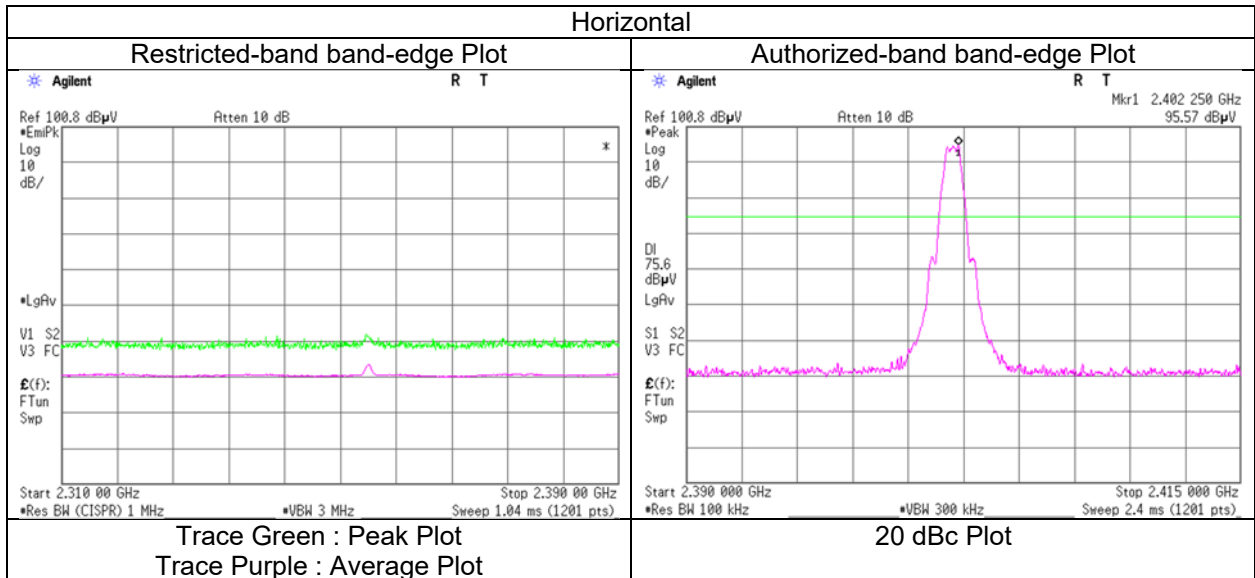
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx BT LE 1M 2402 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2026	SAC4	20 deg. C	65 % RH	Nachi Konegawa	1 GHz to 10 GHz



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

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

Radiated Spurious Emission

Mode	Tx BT LE 1M 2440 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	57.0	41.8	24.9	2.4	33.3	-	51.0	35.9	73.9	53.9	22.9	18.0	Floor noise
Hori.	2527.1	49.8	44.9	27.8	3.0	31.9	-	48.8	43.8	73.9	53.9	25.1	10.1	
Hori.	2818.6	47.0	39.2	28.5	3.2	31.7	-	47.0	39.2	73.9	53.9	26.9	14.7	
Hori.	4880.0	41.3	31.6	31.5	5.1	30.9	-	47.1	37.4	73.9	53.9	26.8	16.5	
Hori.	5000.0	43.5	34.7	31.7	5.2	30.8	-	49.6	40.8	73.9	53.9	24.3	13.1	
Hori.	6339.5	44.2	33.9	33.6	5.7	31.5	-	52.0	41.7	73.9	53.9	21.9	12.2	
Hori.	7320.0	42.7	33.5	36.4	6.2	32.3	-	53.1	43.9	73.9	53.9	20.8	10.0	Floor noise
Hori.	9760.0	42.3	33.2	38.5	7.1	32.4	-	55.4	46.3	73.9	53.9	18.5	7.6	Floor noise
Vert.	1584.9	58.9	44.7	24.9	2.4	33.3	-	52.9	38.8	73.9	53.9	21.0	15.1	Floor noise
Vert.	2527.1	48.9	44.4	27.8	3.0	31.9	-	47.8	43.4	73.9	53.9	26.1	10.5	
Vert.	2818.6	45.1	38.6	28.5	3.2	31.7	-	45.1	38.6	73.9	53.9	28.9	15.3	
Vert.	4880.0	41.5	31.8	31.5	5.1	30.9	-	47.2	37.6	73.9	53.9	26.7	16.3	
Vert.	5000.0	44.5	36.5	31.7	5.2	30.8	-	50.6	42.6	73.9	53.9	23.4	11.3	
Vert.	6339.5	44.8	37.3	33.6	5.7	31.5	-	52.6	45.0	73.9	53.9	21.3	8.9	
Vert.	7320.0	42.8	33.4	36.4	6.2	32.3	-	53.1	43.8	73.9	53.9	20.8	10.1	Floor noise
Vert.	9760.0	42.2	33.2	38.5	7.1	32.4	-	55.3	46.3	73.9	53.9	18.6	7.6	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx BT LE 1M 2480 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.9	41.8	24.9	2.4	33.3	-	50.9	35.8	73.9	53.9	23.0	18.1	*1)
Hori.	2483.5	43.8	33.5	27.7	3.0	31.9	0.7	42.7	33.1	73.9	53.9	31.2	20.8	
Hori.	2527.1	49.9	44.8	27.8	3.0	31.9	-	48.8	43.8	73.9	53.9	25.1	10.1	
Hori.	2818.6	46.8	39.0	28.5	3.2	31.7	-	46.8	39.0	73.9	53.9	27.1	14.9	
Hori.	4960.0	41.5	31.8	31.6	5.2	30.8	-	47.4	37.7	73.9	53.9	26.5	16.2	
Hori.	5000.0	43.5	34.9	31.7	5.2	30.8	-	49.6	40.9	73.9	53.9	24.3	13.0	
Hori.	6339.5	44.2	34.0	33.6	5.7	31.5	-	52.0	41.7	73.9	53.9	22.0	12.2	
Hori.	7440.0	42.7	33.4	36.6	6.3	32.4	-	53.2	43.9	73.9	53.9	20.7	10.0	
Hori.	9920.0	42.4	33.1	38.6	7.1	32.5	-	55.6	46.3	73.9	53.9	18.3	7.6	
Vert.	1584.9	58.9	44.7	24.9	2.4	33.3	-	53.0	38.8	73.9	53.9	20.9	15.1	*1)
Vert.	2483.5	44.4	33.5	27.7	3.0	31.9	0.7	43.2	33.0	73.9	53.9	30.7	20.9	
Vert.	2527.1	48.9	44.4	27.8	3.0	31.9	-	47.8	43.3	73.9	53.9	26.1	10.6	
Vert.	2818.6	45.0	38.5	28.5	3.2	31.7	-	45.0	38.5	73.9	53.9	28.9	15.4	
Vert.	4960.0	41.5	31.7	31.6	5.2	30.8	-	47.4	37.6	73.9	53.9	26.5	16.3	
Vert.	5000.0	44.1	36.6	31.7	5.2	30.8	-	50.2	42.6	73.9	53.9	23.8	11.3	
Vert.	6339.5	44.9	37.3	33.6	5.7	31.5	-	52.6	45.1	73.9	53.9	21.3	8.8	
Vert.	7440.0	42.8	33.4	36.6	6.3	32.4	-	53.3	43.9	73.9	53.9	20.6	10.0	
Vert.	9920.0	42.3	33.1	38.6	7.1	32.5	-	55.5	46.3	73.9	53.9	18.4	7.6	

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

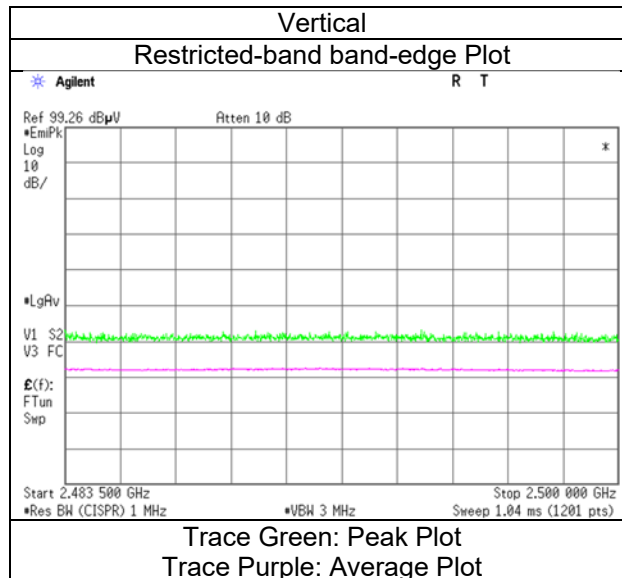
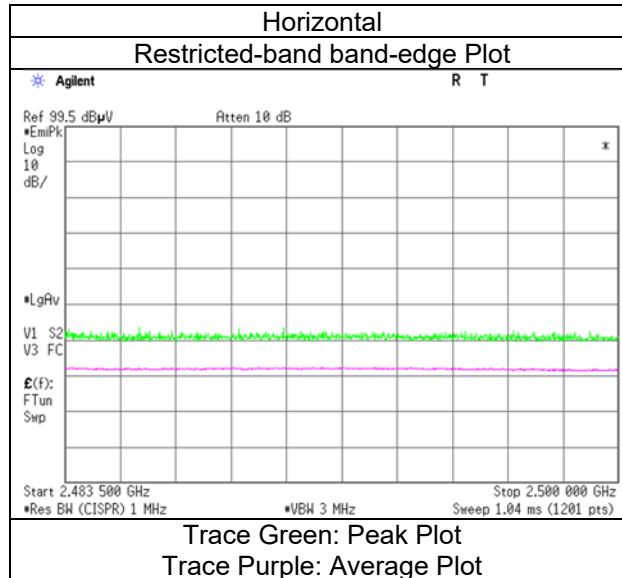
*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx BT LE 1M 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz



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

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

Radiated Spurious Emission

Mode	Tx BT LE 2M 2402 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	56.9	41.9	24.9	2.4	33.3	-	51.0	36.0	73.9	53.9	22.9	17.9	
Hori.	2354.0	44.4	35.4	27.9	2.9	32.0	2.4	43.3	36.7	73.9	53.9	30.6	17.2	*2)
Hori.	2390.0	44.5	33.6	27.8	3.0	31.9	2.4	43.4	34.8	73.9	53.9	30.6	19.1	*1)
Hori.	2527.1	50.0	44.9	27.8	3.0	31.9	-	49.0	43.9	73.9	53.9	25.0	10.0	
Hori.	2818.6	46.9	39.1	28.5	3.2	31.7	-	46.9	39.1	73.9	53.9	27.0	14.8	
Hori.	4804.0	41.3	32.1	31.5	5.1	30.9	-	47.0	37.8	73.9	53.9	26.9	16.2	Floor noise
Hori.	5000.0	43.6	34.7	31.7	5.2	30.8	-	49.7	40.8	73.9	53.9	24.2	13.1	
Hori.	6339.5	44.2	34.1	33.6	5.7	31.5	-	52.0	41.8	73.9	53.9	21.9	12.1	
Hori.	7206.0	43.4	33.9	36.3	6.2	32.2	-	53.7	44.2	73.9	53.9	20.2	9.8	Floor noise
Hori.	9608.0	42.6	33.2	38.1	7.0	32.4	-	55.3	45.9	73.9	53.9	18.6	8.0	Floor noise
Vert.	1584.9	58.7	44.5	24.9	2.4	33.3	-	52.7	38.6	73.9	53.9	21.2	15.3	
Vert.	2354.0	44.8	34.9	27.9	2.9	32.0	2.4	43.7	36.2	73.9	53.9	30.2	17.7	*2)
Vert.	2390.0	46.3	33.5	27.8	3.0	31.9	2.4	45.2	34.7	73.9	53.9	28.7	19.2	*1)
Vert.	2527.1	49.0	44.5	27.8	3.0	31.9	-	47.9	43.5	73.9	53.9	26.0	10.5	
Vert.	2818.6	45.2	38.7	28.5	3.2	31.7	-	45.2	38.7	73.9	53.9	28.8	15.2	
Vert.	4804.0	41.2	32.1	31.5	5.1	30.9	-	46.9	37.8	73.9	53.9	27.0	16.1	Floor noise
Vert.	5000.0	44.1	36.5	31.7	5.2	30.8	-	50.2	42.5	73.9	53.9	23.7	11.4	
Vert.	6339.5	44.8	37.2	33.6	5.7	31.5	-	52.6	45.0	73.9	53.9	21.3	8.9	
Vert.	7206.0	43.2	33.9	36.3	6.2	32.2	-	53.5	44.2	73.9	53.9	20.4	9.7	Floor noise
Vert.	9608.0	42.6	33.3	38.1	7.0	32.4	-	55.3	46.0	73.9	53.9	18.6	7.9	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz

*1) Not Out of Band emission(Leakage Power)

*2) Noise synchronized with duty of carrier frequency

20dBc Data Sheet

Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2402.0	95.3	27.8	3.0	31.9	94.1	-	-	Carrier
Hori.	2400.0	48.9	27.8	3.0	31.9	47.7	74.1	26.4	
Vert.	2402.0	95.5	27.8	3.0	31.9	94.4	-	-	Carrier
Vert.	2400.0	48.6	27.8	3.0	31.9	47.4	74.4	26.9	

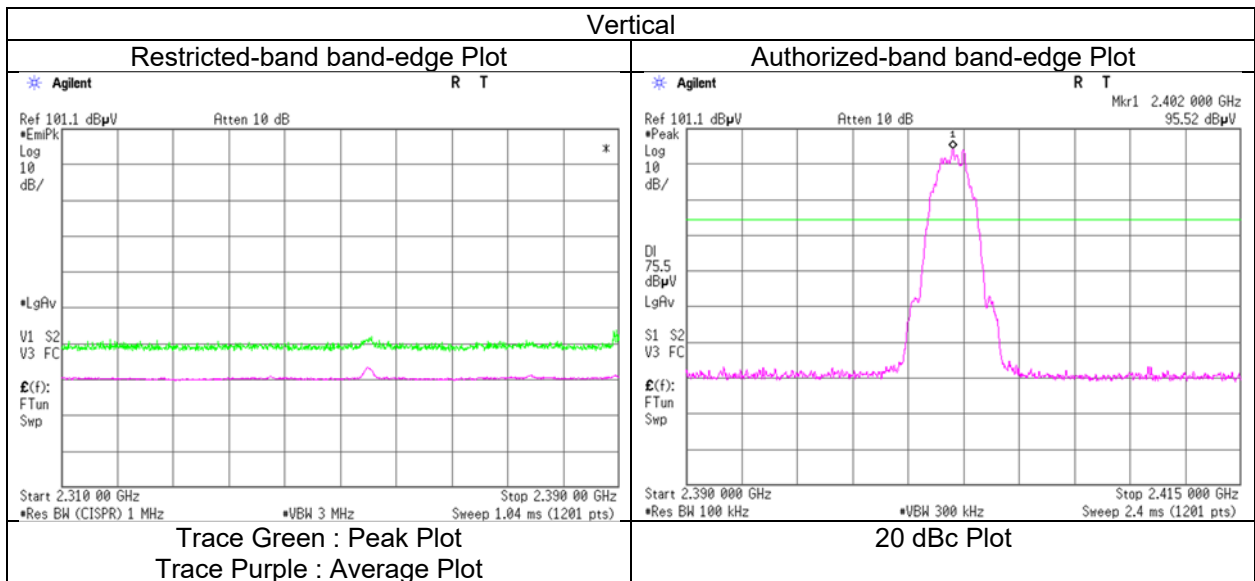
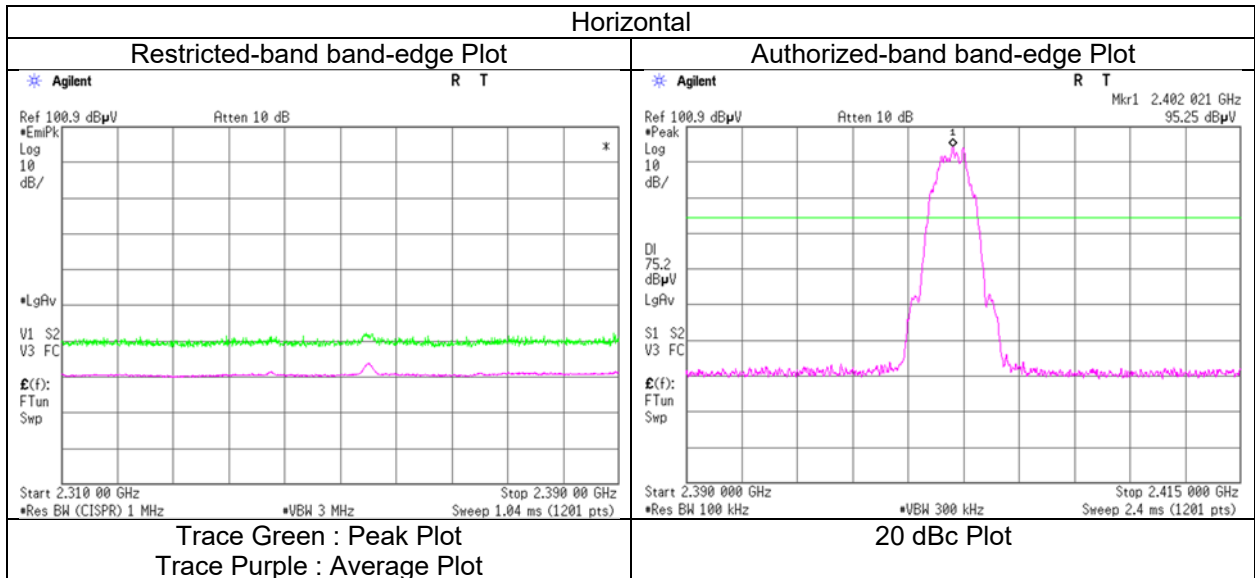
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx BT LE 2M 2402 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz



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

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

Radiated Spurious Emission

Mode	Tx BT LE 2M 2440 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	1584.9	57.0	41.7	24.9	2.4	33.3	-	51.1	35.8	73.9	53.9	22.8	18.1	
Hori.	2527.1	49.9	45.1	27.8	3.0	31.9	-	48.8	44.0	73.9	53.9	25.1	9.9	
Hori.	2818.6	46.8	39.1	28.5	3.2	31.7	-	46.8	39.1	73.9	53.9	27.2	14.8	
Hori.	4880.0	41.4	31.7	31.5	5.1	30.9	-	47.2	37.4	73.9	53.9	26.7	16.5	Floor noise
Hori.	5000.0	43.6	34.9	31.7	5.2	30.8	-	49.7	40.9	73.9	53.9	24.2	13.0	
Hori.	6339.5	44.1	34.2	33.6	5.7	31.5	-	51.9	42.0	73.9	53.9	22.0	11.9	
Hori.	7320.0	42.9	33.6	36.4	6.2	32.3	-	53.2	44.0	73.9	53.9	20.7	9.9	Floor noise
Hori.	9760.0	42.1	33.1	38.5	7.1	32.4	-	55.2	46.2	73.9	53.9	18.7	7.7	Floor noise
Vert.	1584.9	58.7	44.7	24.9	2.4	33.3	-	52.7	38.7	73.9	53.9	21.2	15.2	
Vert.	2527.1	48.9	44.5	27.8	3.0	31.9	-	47.8	43.4	73.9	53.9	26.1	10.5	
Vert.	2818.6	45.2	38.6	28.5	3.2	31.7	-	45.2	38.6	73.9	53.9	28.7	15.3	
Vert.	4880.0	41.4	31.8	31.5	5.1	30.9	-	47.2	37.6	73.9	53.9	26.7	16.3	Floor noise
Vert.	5000.0	44.3	36.5	31.7	5.2	30.8	-	50.4	42.6	73.9	53.9	23.5	11.4	
Vert.	6339.5	44.5	37.3	33.6	5.7	31.5	-	52.3	45.0	73.9	53.9	21.6	8.9	
Vert.	7320.0	42.9	33.5	36.4	6.2	32.3	-	53.2	43.9	73.9	53.9	20.7	10.0	Floor noise
Vert.	9760.0	42.2	33.1	38.5	7.1	32.4	-	55.3	46.2	73.9	53.9	18.6	7.7	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

*QP detector was used up to 1GHz.

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx BT LE 2M 2480 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Below 1 GHz

Polarity	Frequency	Reading (QP / PK)	Reading (AV)	Ant. Factor	Loss	Gain	Duty Factor	Result (QP / PK)	Result (AV)	Limit (QP / PK)	Limit (AV)	Margin (QP / PK)	Margin (AV)	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]	
Hori.	72.2	34.1	-	6.4	7.6	32.1	-	16.0	-	40.0	-	24.0	-	
Hori.	264.1	36.2	-	12.4	9.3	32.0	-	25.8	-	46.0	-	20.2	-	
Hori.	594.3	32.8	-	19.0	10.9	32.3	-	30.4	-	46.0	-	15.6	-	
Hori.	792.4	30.5	-	20.5	11.8	31.8	-	30.9	-	46.0	-	15.1	-	
Hori.	839.2	34.5	-	21.0	11.9	31.5	-	36.0	-	46.0	-	10.1	-	
Hori.	990.8	33.1	-	22.1	12.6	30.6	-	37.2	-	53.9	-	16.7	-	
Hori.	1584.9	56.8	41.7	24.9	2.4	33.3	-	50.8	35.8	73.9	53.9	23.1	18.1	
Hori.	2483.5	44.8	33.6	27.7	3.0	31.9	2.4	43.7	34.9	73.9	53.9	30.2	19.0	*1)
Hori.	2527.1	49.8	45.0	27.8	3.0	31.9	-	48.8	43.9	73.9	53.9	25.1	10.0	
Hori.	2818.6	46.9	39.0	28.5	3.2	31.7	-	46.9	39.0	73.9	53.9	27.1	14.9	
Hori.	4960.0	41.5	31.8	31.6	5.2	30.8	-	47.4	37.7	73.9	53.9	26.5	16.2	Floor noise
Hori.	5000.0	43.6	34.9	31.7	5.2	30.8	-	49.7	41.0	73.9	53.9	24.2	12.9	
Hori.	6339.5	44.2	34.1	33.6	5.7	31.5	-	52.0	41.8	73.9	53.9	21.9	12.1	
Hori.	7440.0	42.7	33.5	36.6	6.3	32.4	-	53.2	44.0	73.9	53.9	20.7	9.9	Floor noise
Hori.	9920.0	42.3	33.1	38.6	7.1	32.5	-	55.5	46.3	73.9	53.9	18.4	7.6	Floor noise
Vert.	72.3	31.4	-	6.4	7.6	32.1	-	13.3	-	40.0	-	26.7	-	
Vert.	254.8	34.2	-	11.9	9.2	32.0	-	23.3	-	46.0	-	22.7	-	
Vert.	594.4	37.7	-	19.0	10.9	32.3	-	35.3	-	46.0	-	10.7	-	
Vert.	792.4	31.6	-	20.5	11.8	31.8	-	32.0	-	46.0	-	14.0	-	
Vert.	839.2	33.0	-	21.0	11.9	31.5	-	34.5	-	46.0	-	11.6	-	
Vert.	990.8	33.9	-	22.1	12.6	30.6	-	38.0	-	53.9	-	15.9	-	
Vert.	1584.9	58.9	44.7	24.9	2.4	33.3	-	53.0	38.8	73.9	53.9	20.9	15.1	
Vert.	2483.5	45.7	34.2	27.7	3.0	31.9	2.4	44.6	35.5	73.9	53.9	29.3	18.4	*1)
Vert.	2527.1	49.0	44.5	27.8	3.0	31.9	-	48.0	43.4	73.9	53.9	25.9	10.5	
Vert.	2818.6	44.9	38.7	28.5	3.2	31.7	-	44.9	38.7	73.9	53.9	29.0	15.3	
Vert.	4960.0	41.4	31.9	31.6	5.2	30.8	-	47.3	37.8	73.9	53.9	26.6	16.1	Floor noise
Vert.	5000.0	44.2	36.6	31.7	5.2	30.8	-	50.3	42.6	73.9	53.9	23.6	11.3	
Vert.	6339.5	44.6	37.4	33.6	5.7	31.5	-	52.3	45.2	73.9	53.9	21.6	8.7	
Vert.	7440.0	42.9	33.5	36.6	6.3	32.4	-	53.4	44.0	73.9	53.9	20.5	9.9	Floor noise
Vert.	9920.0	42.3	33.1	38.6	7.1	32.5	-	55.5	46.3	73.9	53.9	18.4	7.6	Floor noise

Result (QP / PK) = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

Result (AV)= Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier) + Duty factor

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

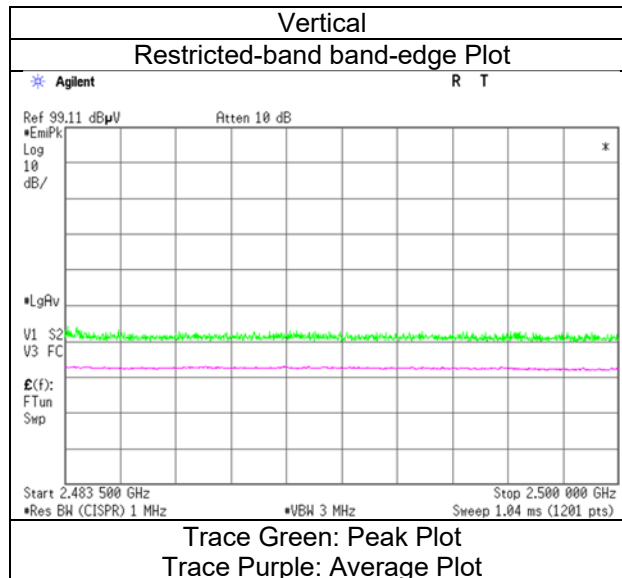
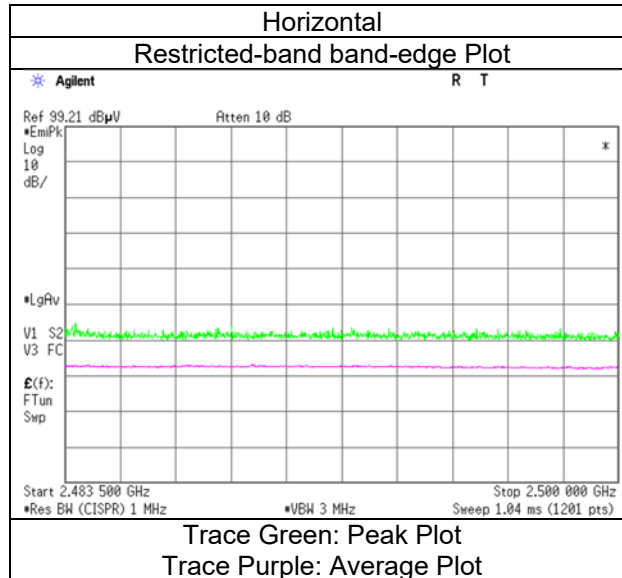
*QP detector was used up to 1GHz.

*1) Not Out of Band emission(Leakage Power)

Distance factor: 18 GHz - 26.5 GHz 20log (1.0 m / 3.0 m) = -9.5 dB

Radiated Spurious Emission

Mode	Tx BT LE 2M 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz

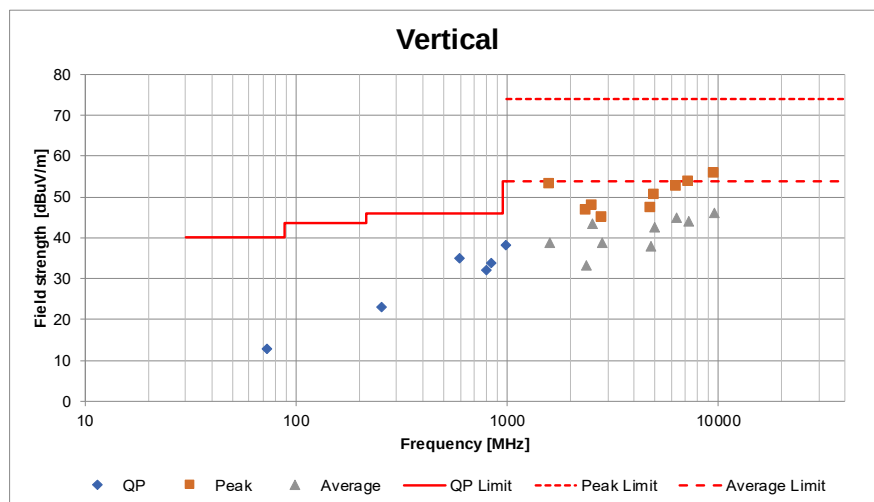
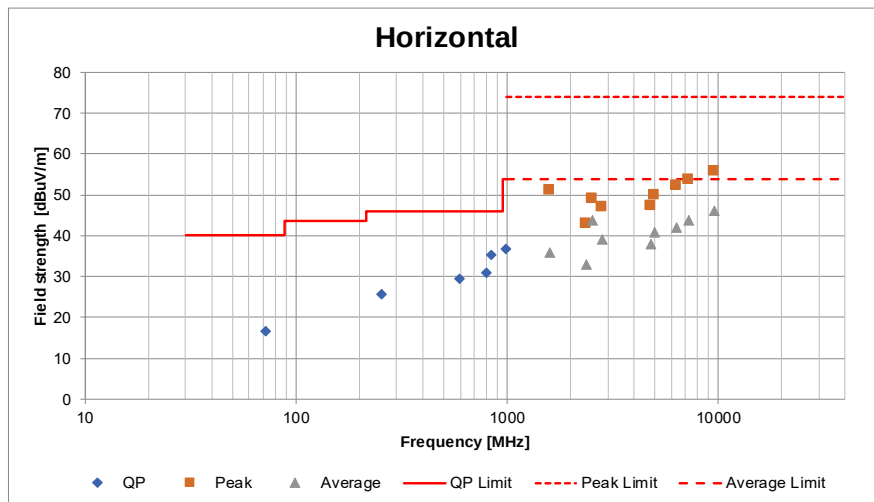


* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

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

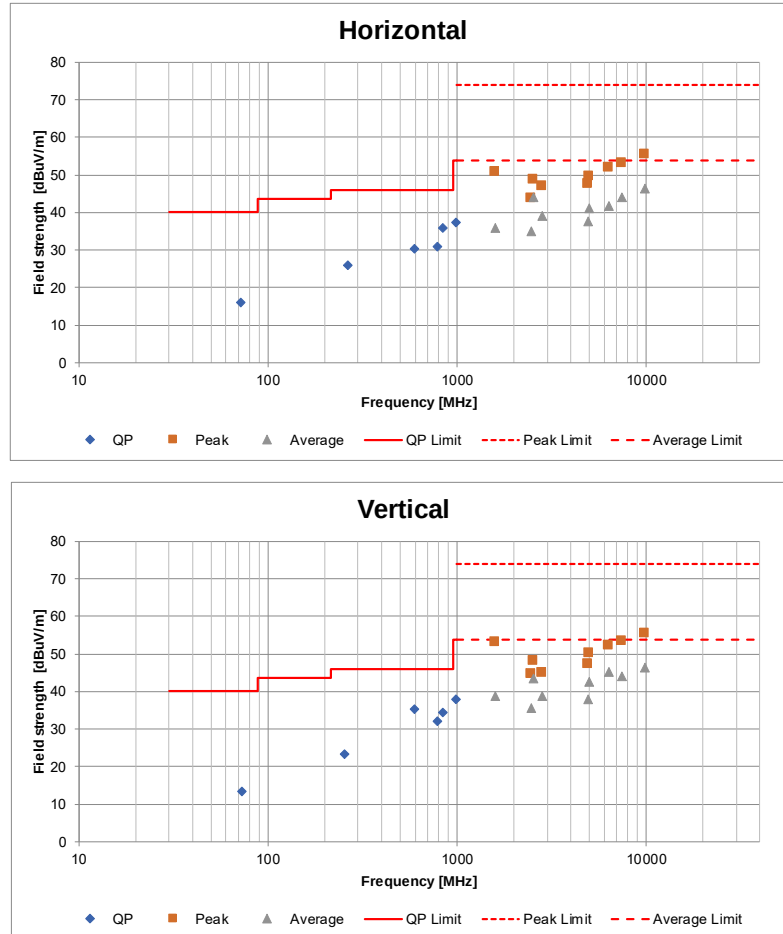
Radiated Spurious Emission (Plot data, Worst case mode for Maximum Conducted Output Power)

Mode	Tx 11ax-20 2412 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2026	SAC4	20 deg. C	50 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Shousei Hamaguchi	Below 1 GHz



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

Mode	Tx BT LE 2M 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2026	SAC4	20 deg. C	55 % RH	Junya Okuno	1 GHz to 10 GHz
February 27, 2026	SAC4	22 deg. C	51 % RH	Nachi Konegawa	10 GHz to 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Above 18 GHz
March 1, 2026	SAC4	20 deg. C	50 % RH	Kiyoshiro Okazaki	Below 1 GHz



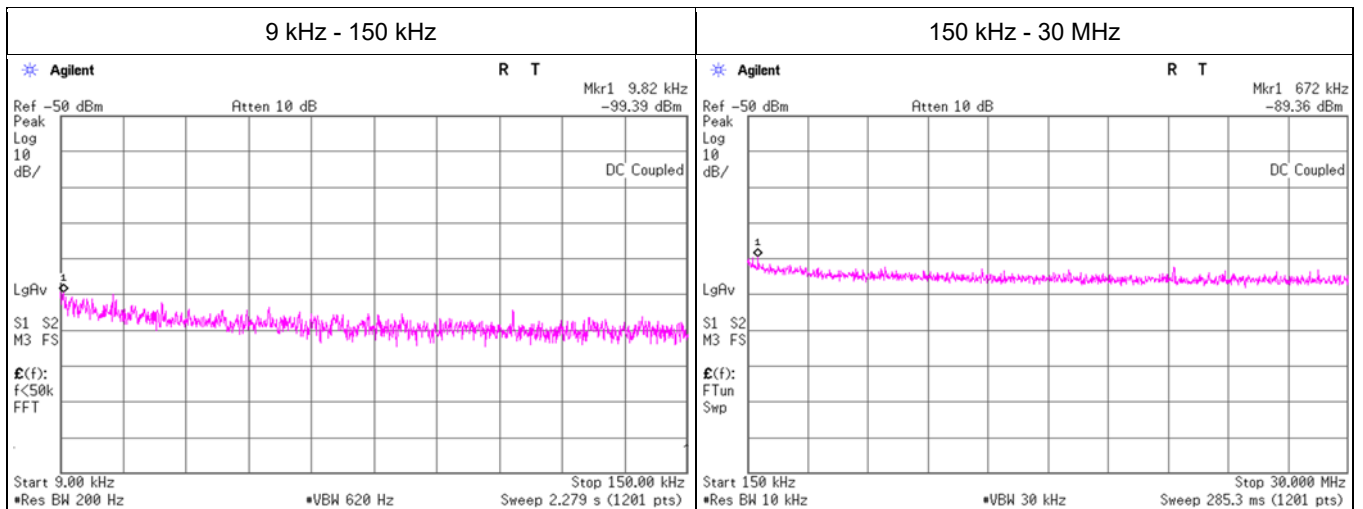
*These plots data contains sufficient number to show the trend of characteristic features for EUT.

Conducted Spurious Emission

Mode	Tx 11ax-20(OFDM)
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Date	Test Place	Temperature	Humidity	Engineer
March 06, 2026	MR11	22 deg.C	37 %RH	Wataru Toriyama

11ax-20(OFDM), 2412 MHz



Freq.	Reading	Cable	Atten.	Antenna	N	EIRP	Distance	Ground	E	Limit	Margin	Remark
[kHz]	[dBm]	Loss	Loss	Gain *	(Number of Output)	[dBm]	[m]	bounce	(field strength)	[dBuV/m]	[dB]	
9.820	-99.39	1.04	9.84	2.00	1.00	-86.5	300	6.0	-25.3	47.7	73.0	-
672.000	-89.36	1.37	9.91	2.00	1.00	-76.1	30	6.0	5.2	31.0	25.8	-

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

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

N: Number of output

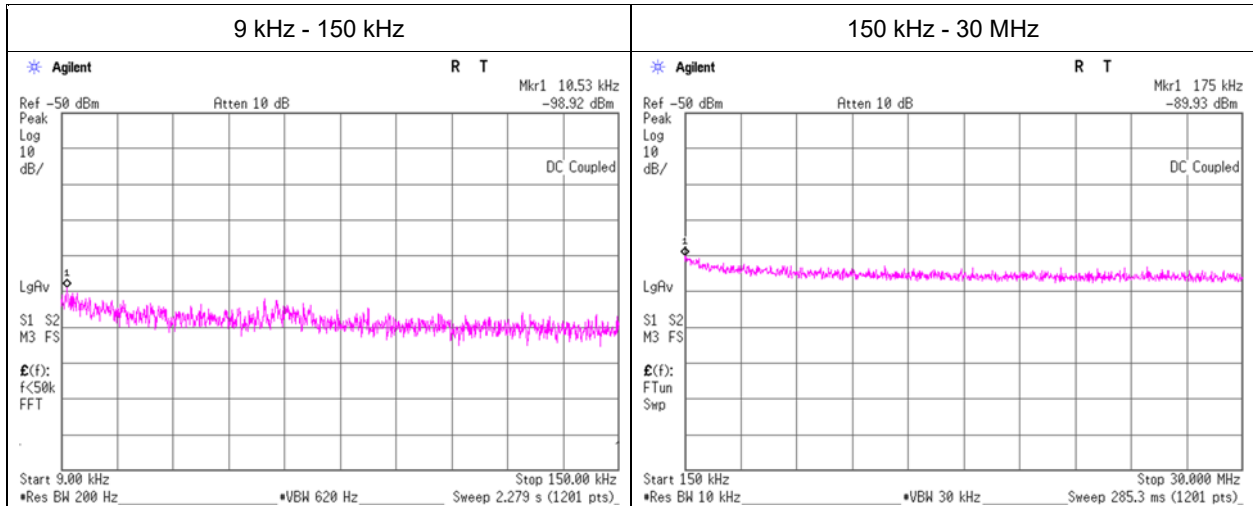
*2.0 dBi was applied to the test result based on ANSI C63.10 since antenna gain was less than 2.0 dBi.

Conducted Spurious Emission

Mode	Tx BT LE 2M-PHY 2480 MHz
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Date	Test Place	Temperature	Humidity	Engineer
February 22, 2026	SAC2	22 deg.C	47 %RH	Wataru Toriyama

BT LE 2M-PHY 2480 MHz



Freq.	Reading	Cable	Atten.	Antenna	N	EIRP	Distance	Ground	E	Limit	Margin	Remark
[kHz]	[dBm]	Loss	Loss	Gain *	(Number of Output)	[dBm]	[m]	bounce	(field strength) [dBuV/m]	[dBuV/m]	[dB]	
10.530	-98.92	1.04	9.69	2.00	1.00	-87.1	300	6.0	-25.8	45.9	71.7	-
175.000	-89.93	1.18	9.72	2.00	1.00	-77.7	300	6.0	-16.4	22.7	39.1	-

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

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

N: Number of output

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

Power Density

Mode	Tx 11b
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Date	Test Place	Temperature	Humidity	Engineer
March 04, 2026	MR11	20 deg.C	45 %RH	Wataru Toriyama

11b

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2412	-22.94	2.17	9.68	-11.10	8.00	19.10
2437	-23.28	2.17	9.68	-11.44	8.00	19.44
2462	-23.40	2.18	9.68	-11.54	8.00	19.54

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx 11g
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Date	Test Place	Temperature	Humidity	Engineer
March 04, 2026	MR11	20 deg.C	45 %RH	Wataru Toriyama

11g

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2412	-32.77	2.17	9.68	-20.93	8.00	28.93
2437	-32.78	2.17	9.68	-20.94	8.00	28.94
2462	-33.10	2.18	9.68	-21.25	8.00	29.25

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx 11n-20
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Date	Test Place	Temperature	Humidity	Engineer
March 04, 2026	MR11	20 deg.C	45 %RH	Wataru Toriyama

11n-20

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2412	-32.83	2.17	9.68	-20.98	8.00	28.98
2437	-32.67	2.17	9.68	-20.82	8.00	28.82
2462	-32.83	2.18	9.68	-20.97	8.00	28.97

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx 11ax-20(OFDM)
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Date	Test Place	Temperature	Humidity	Engineer
March 04, 2026	MR11	20 deg.C	45 %RH	Wataru Toriyama

11ax-20(OFDM)

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2412	-33.51	2.17	9.68	-21.66	8.00	29.66
2437	-32.67	2.17	9.68	-20.82	8.00	28.82
2462	-32.78	2.18	9.68	-20.93	8.00	28.93

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx 11ax-20(OFDMA), 26-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 05, 2026	MR11	22 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 26-tone RU

Tested Freq. [MHz]	RU Index	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2412	0	-35.47	2.17	9.68	-23.62	8.00	31.62
2437	4	-36.38	2.17	9.68	-24.54	8.00	32.54
2462	8	-35.44	2.18	9.68	-23.58	8.00	31.58

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx 11ax-20(OFDMA), 52-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 05, 2026	MR11	22 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 52-tone RU

Tested Freq. [MHz]	RU Index	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2412	37	-33.45	2.17	9.68	-21.60	8.00	29.60
2437	38	-33.98	2.17	9.68	-22.14	8.00	30.14
2462	40	-34.40	2.18	9.68	-22.55	8.00	30.55

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx 11ax-20(OFDMA), 106-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 05, 2026	MR11	22 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 106-tone RU

Tested Freq. [MHz]	RU Index	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2412	53	-34.08	2.17	9.68	-22.23	8.00	30.23
2437	53	-33.85	2.17	9.68	-22.01	8.00	30.01
2462	54	-34.72	2.18	9.68	-22.86	8.00	30.86

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx 11ax-20(OFDMA), 242-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 05, 2026	MR11	22 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDMA), 242-tone RU

Tested Freq. [MHz]	RU Index	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2412	61	-33.30	2.17	9.68	-21.45	8.00	29.45
2437	61	-33.26	2.17	9.68	-21.42	8.00	29.42
2462	61	-33.23	2.18	9.68	-21.38	8.00	29.38

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx BT LE 1M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
March 03, 2026	MR11	21 deg.C	47 %RH	Wataru Toriyama

BT LE 1M-PHY

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2402	-27.28	2.16	9.68	-15.44	8.00	23.44
2440	-27.55	2.17	9.68	-15.70	8.00	23.70
2480	-27.11	2.18	9.68	-15.26	8.00	23.26

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx BT LE 2M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
March 03, 2026	MR11	21 deg.C	47 %RH	Wataru Toriyama

BT LE 2M-PHY

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Margin [dB]
2402	-30.31	2.16	9.68	-18.47	8.00	26.47
2440	-30.44	2.17	9.68	-18.60	8.00	26.60
2480	-30.19	2.18	9.68	-18.33	8.00	26.33

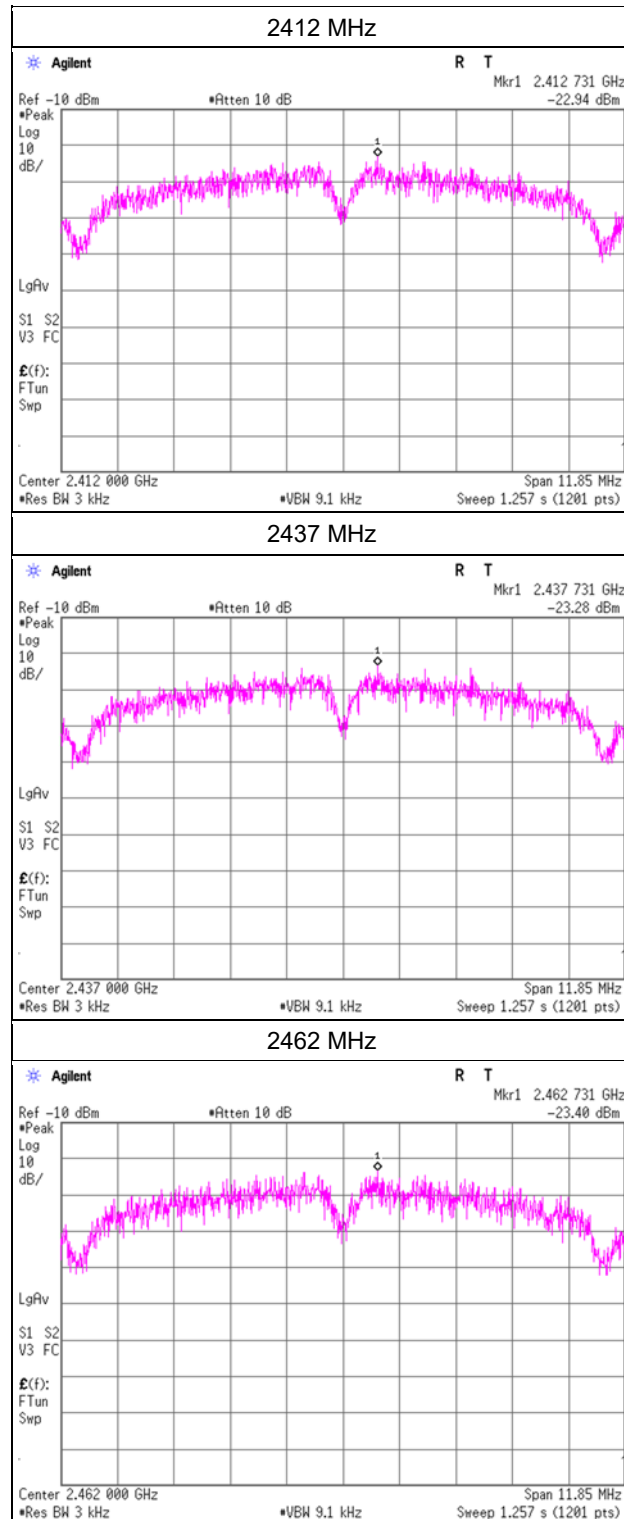
Sample Calculation:

PSD: Power Spectral Density

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

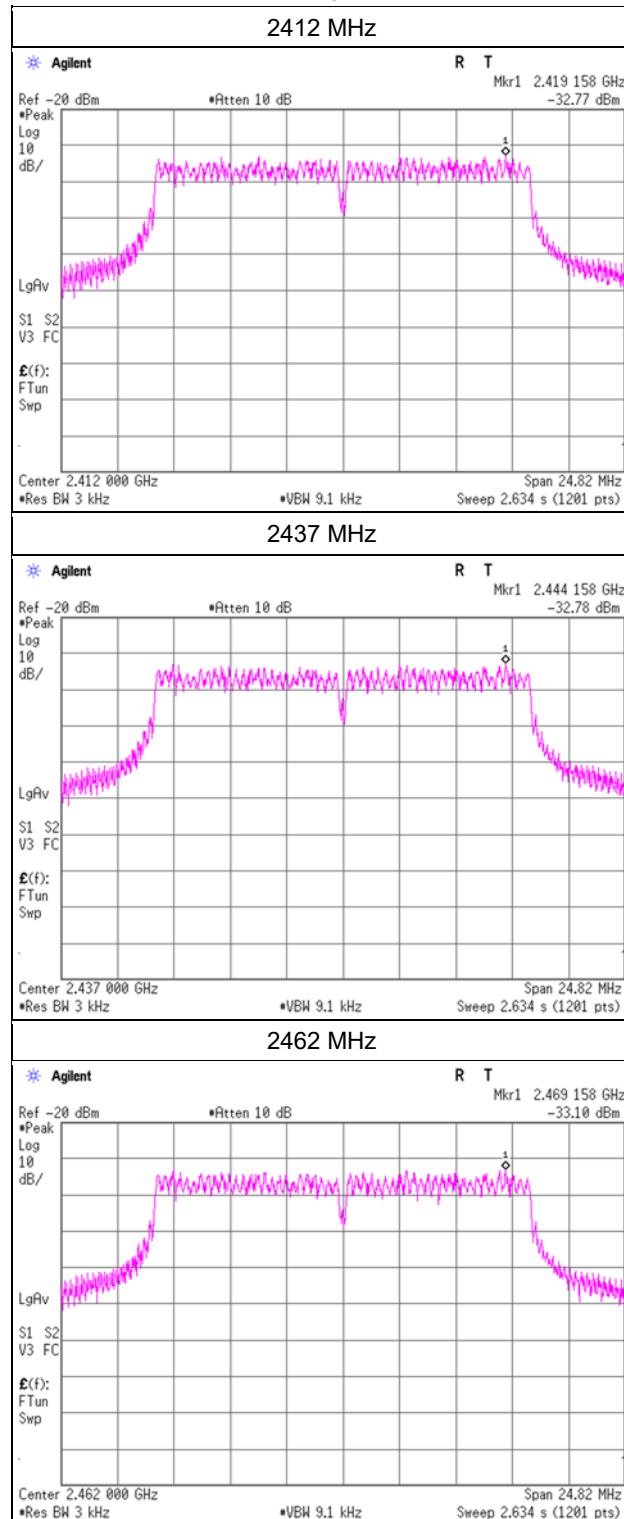
Power Density

11b



Power Density

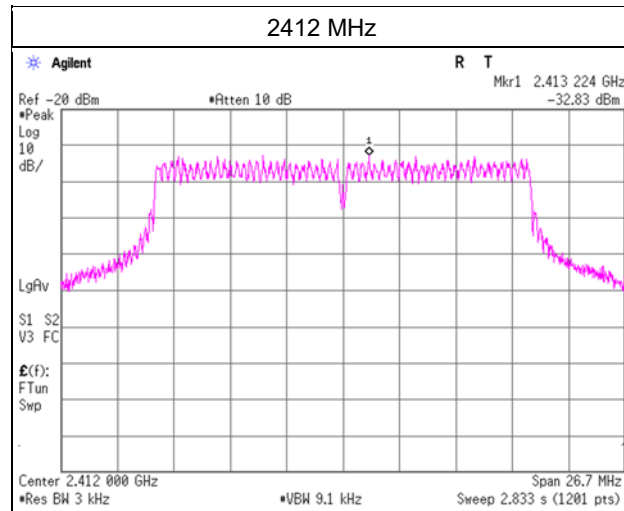
11g



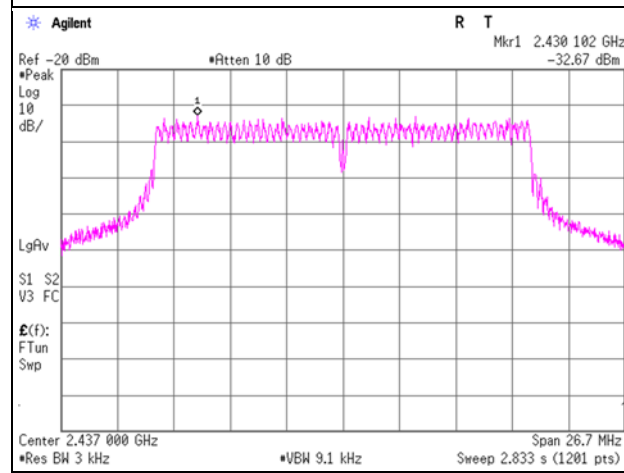
Power Density

11n-20

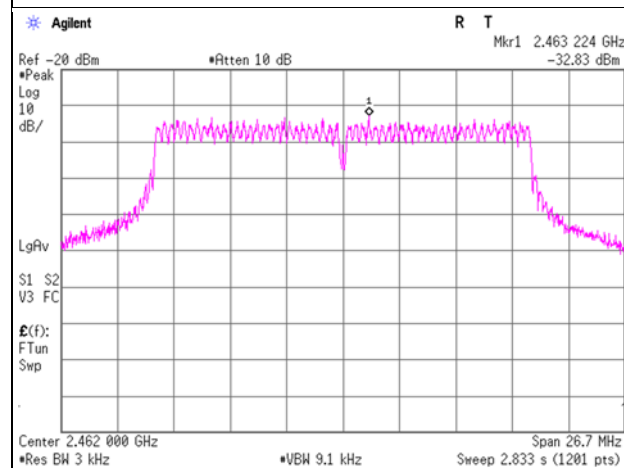
2412 MHz



2437 MHz

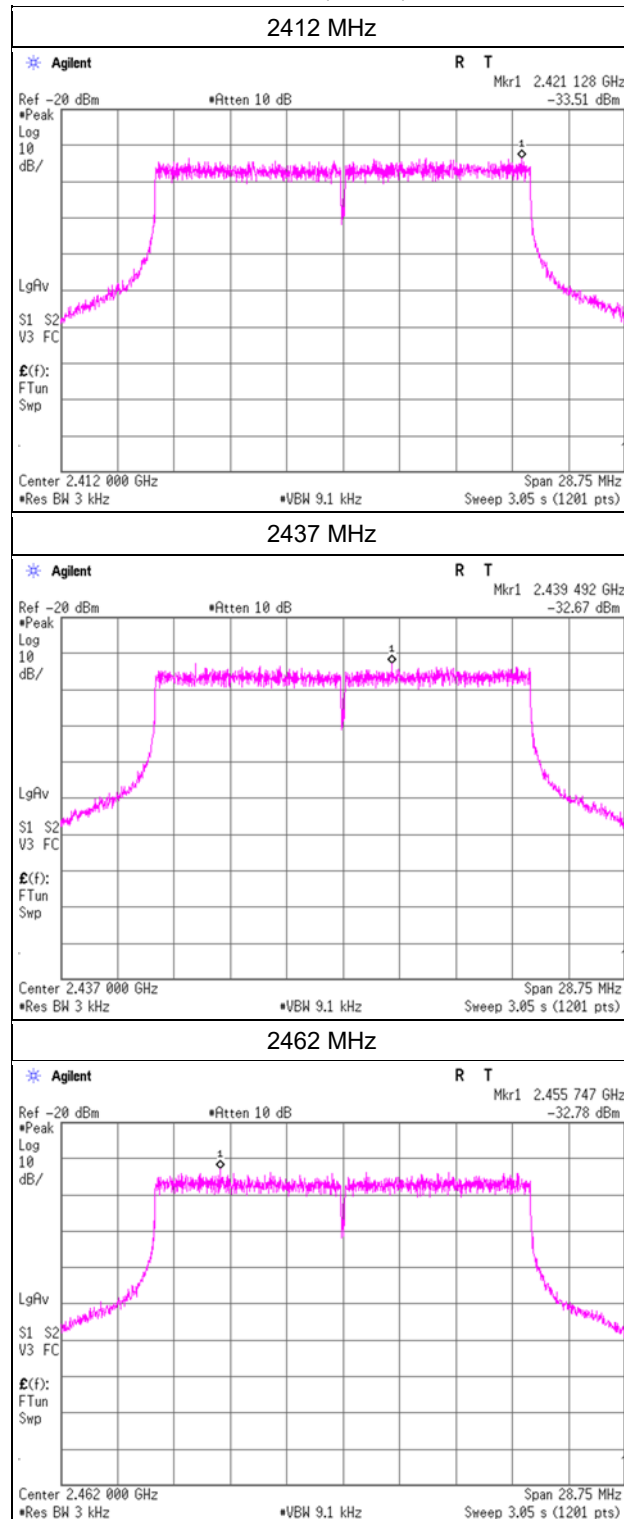


2462 MHz



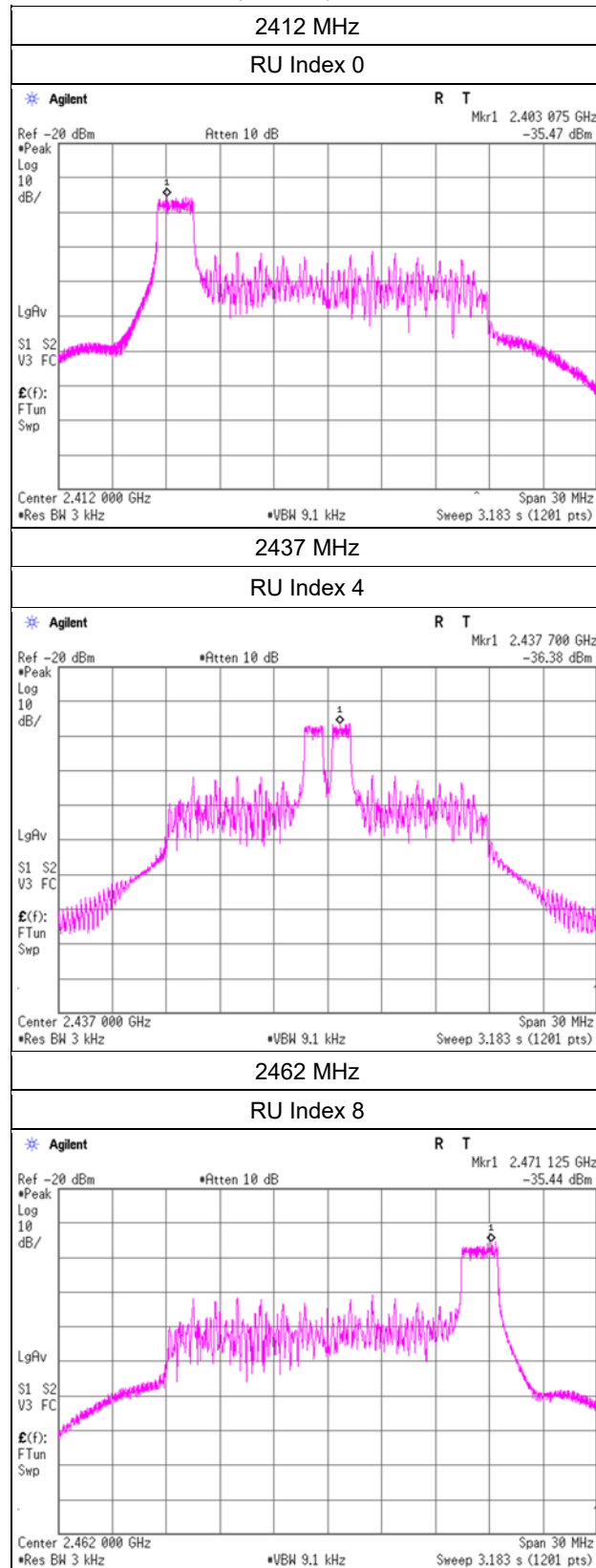
Power Density

11ax-20(OFDM)



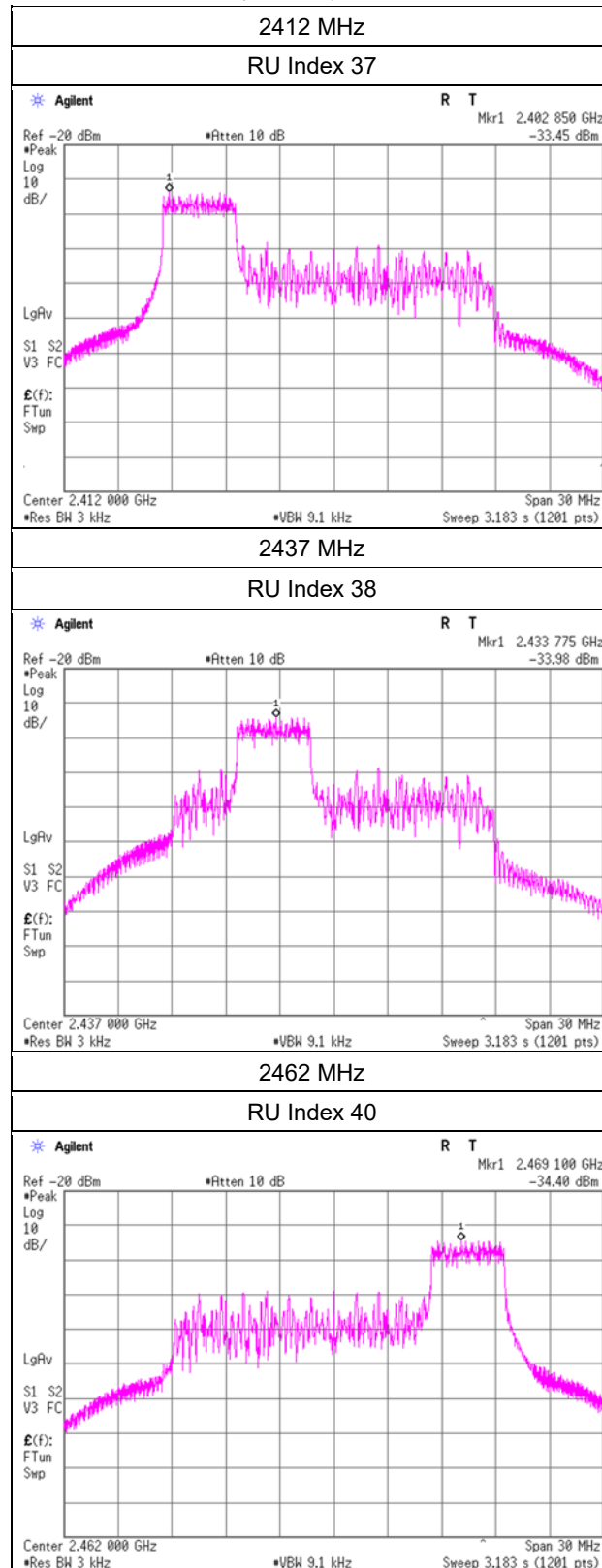
Power Density

11ax-20(OFDMA), 26-tone RU



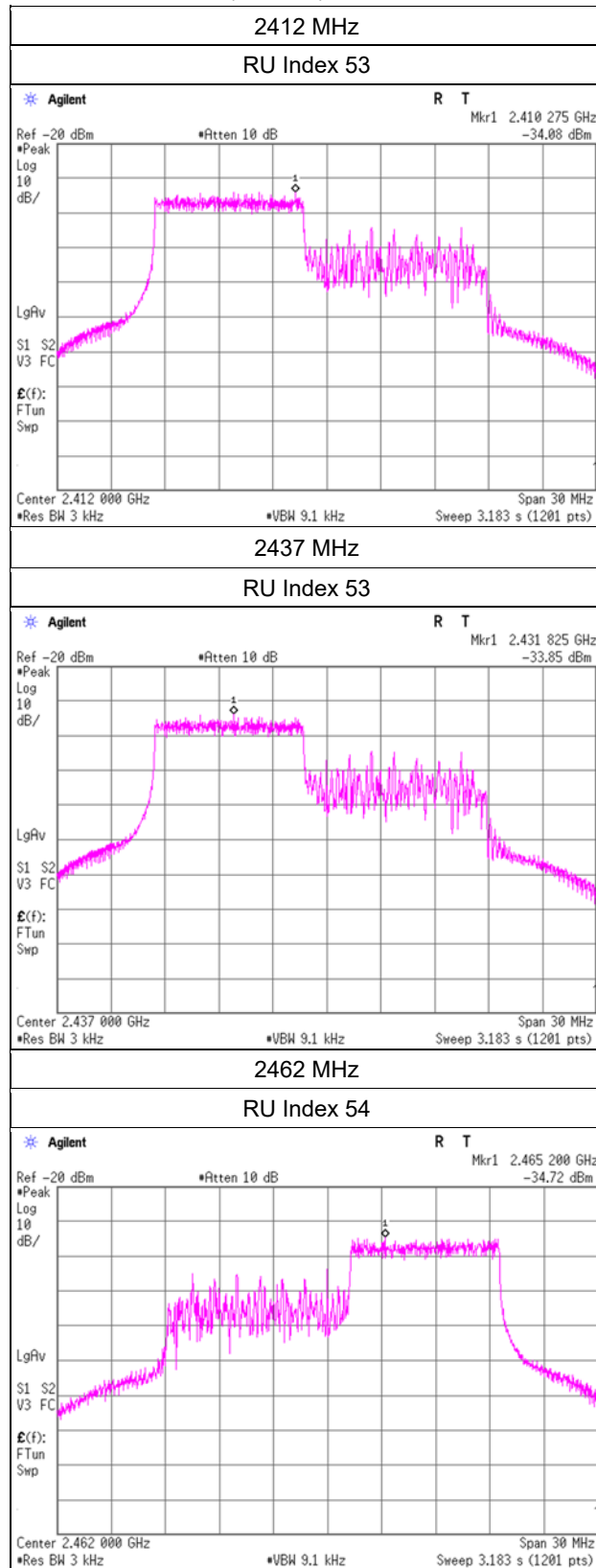
Power Density

11ax-20(OFDMA), 52-tone RU



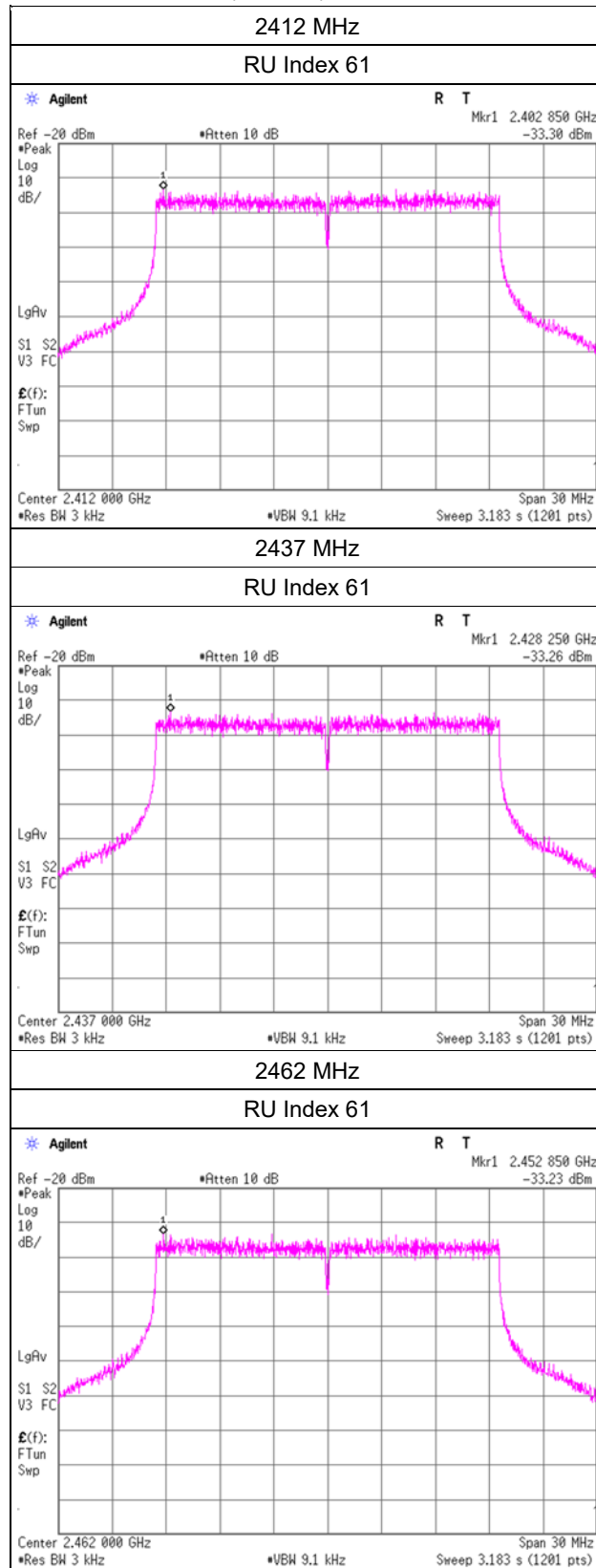
Power Density

11ax-20(OFDMA), 106-tone RU



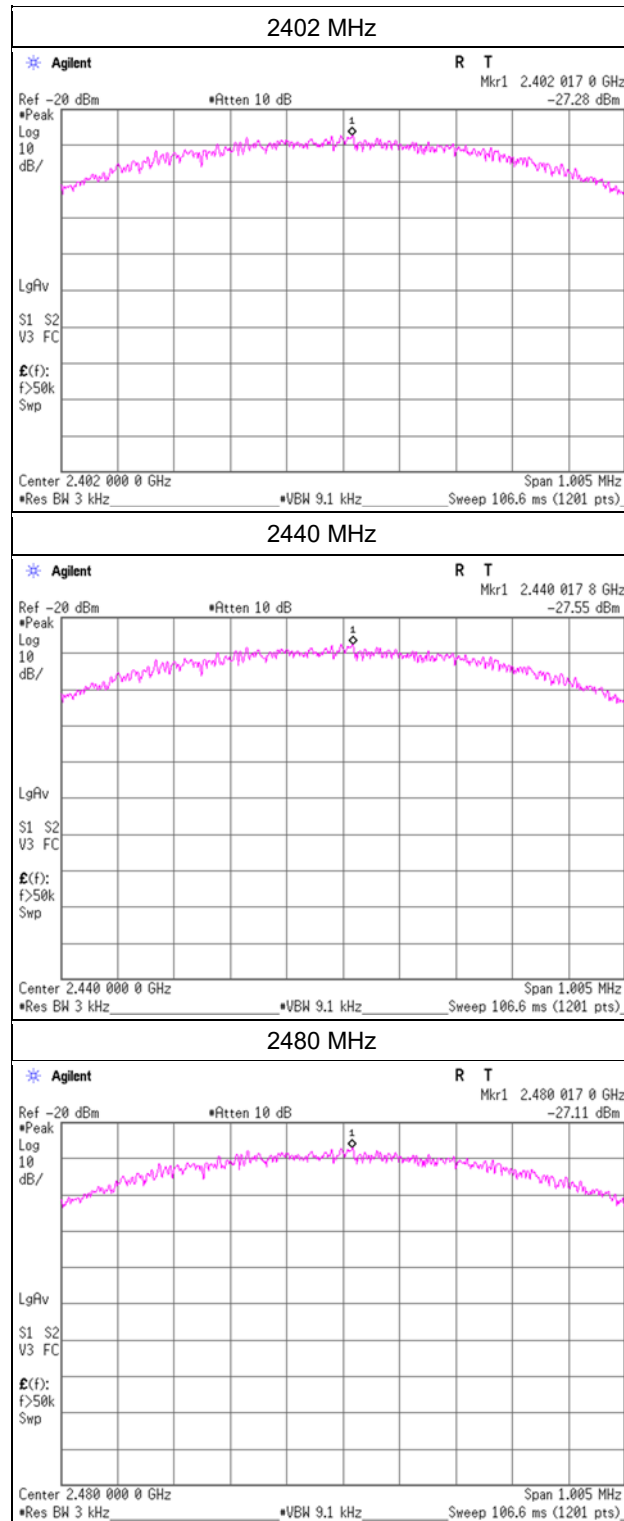
Power Density

11ax-20(OFDMA), 242-tone RU



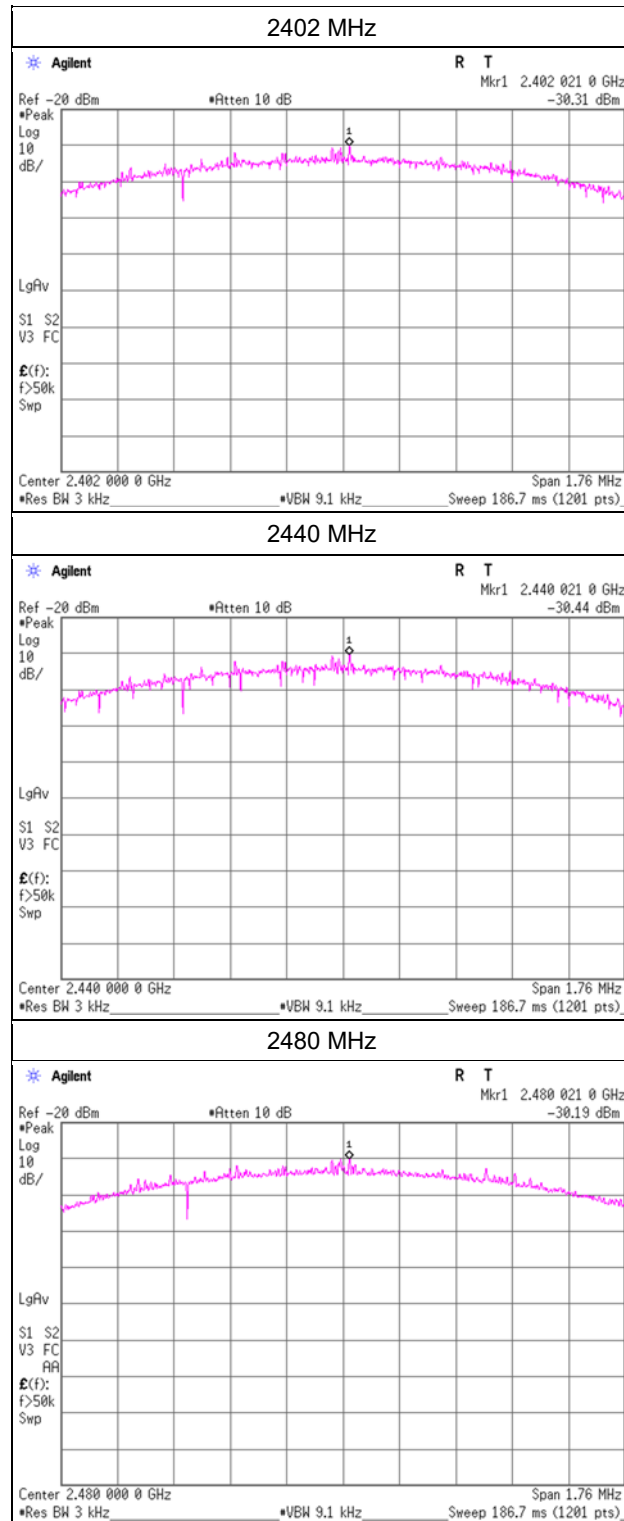
Power Density

BT LE 1M-PHY



Power Density

BT LE 2M-PHY



APPENDIX 2: Test Instruments

Test Equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	141267	Logperiodic Antenna (200-1000MHz)	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	9111B-192	09/12/2025	12
RE	141296	High Pass Filter 3.5-18.0GHz	UL-ISE	HPF SELECTOR	002	09/03/2025	12
RE	141397	Coaxial Cable	UL-ISE EMC	-	-	11/12/2025	12
RE	141425	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHA9103+BBA9106	VHA 91031302	08/14/2025	12
RE	141506	Horn Antenna 15-40GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9170	BBHA9170307	08/13/2025	12
RE	141508	Horn Antenna 1-18GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9120D	557	05/20/2025	12
RE	141581	MicroWave System Amplifier	Keysight Technologies Inc	83017A	00650	10/17/2025	12
RE	141583	Pre Amplifier	SONOMA INSTRUMENT	310	260833	04/02/2025	12
RE	141903	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46186390	01/30/2026	12
RE	141951	EMI Test Receiver	Rohde & Schwarz	ESR26	101408	05/07/2025	12
RE	142011	AC4 Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	07/10/2025	24
RE	142017	AC4 Semi Anechoic Chamber(SVSWR)	TDK	Semi Anechoic Chamber 3m	DA-10005	04/17/2025	24
RE	142230	Measure, Tape, Steel	KOMELON	KMC-36	-	-	-
RE	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	220646	Attenuator	Huber+Suhner	6806 N-50-1	-	03/06/2025	12
RE	237927	Broadband Amplifier	ERAVANT	SBB-0115033218-2F2F-E3	27554-01	07/02/2025	12
RE	244710	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202104	01/14/2026	12
RE	245788	Double Ridge Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	690	03/11/2025	12
RE	246002	Microwave Cable	Huber+Suhner	SF103/11PC35/11PC35/1000mm / SF126E/5000mm	800674(1m) / 610205(5m)	03/18/2025	12
RE	272098	DIGITAL MULTIMETER	HIOKI E. E. CORPORATION	DT4255	250902199	11/27/2025	12
AT	141156	Attenuator(10dB)	Weinschel Corp	2	BL1173	11/04/2025	12
AT	141244	Attenuator(10dB)	Weinschel - API Technologies Corp	WA8-10-34	A198	02/02/2026	12
AT	141559	DIGITAL MULTIMETER	HIOKI E. E. CORPORATION	DT4221	130618775	08/08/2025	12
AT	141809	Power Meter	Anritsu Corporation	ML2495A	825002	05/15/2025	12
AT	141815	Power Meter	Raditeq (Formerly DARE!! Instruments)	RPR3006W	14100048SNO083	10/15/2025	12
AT	141830	Power sensor	Anritsu Corporation	MA2411B	738285	05/15/2025	12
AT	141903	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46186390	01/30/2026	12
AT	230439	Automated EMC/RF Freeware	Raditeq (Formerly DARE!! Instruments)	RadiMation Free	2022.2.3	-	-
AT	244706	Thermo-Hygrometer	A & D	AD-5648A	1003	01/14/2026	12
AT	248892	Attenuator	Weinschel Associates	WA56-10-1112	1	05/20/2025	12
AT	263297	Coaxial Cable	GigaLane Co., Ltd	G03SMC005-GUL200HT-G03SMC005-2000mm	#002	05/20/2025	12
AT	263325	Microwave Cable	GigaLane Co., Ltd	GL140sE	53043-01-01	05/20/2025	12
AT	141194	Antenna Terminal Measurement Software	UL-ISE	-	-	-	-
AT	270526	Data Posting tool	UL-ISE	Data Posting tool	-	-	-

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

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

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

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

Test item:

AT: Antenna Terminal Conducted test

RE: Radiated Emission