

RADIO TEST REPORT

Test Report No. 16247275H-A-R1

Customer	Murata Manufacturing Co., Ltd.
Description of EUT	Communication module
Model Number of EUT	LBEE5XV2EA
FCC ID	VPYLB2EA003
Test Regulation	FCC Part 15 Subpart C
Test Result	Complied
Issue Date	August 18, 2026
Remarks	Wireless LAN (2.4 GHz band) and Bluetooth Low Energy part(s)

Representative Test EngineerWataru Toriyama
Engineer**Approved By**Takumi Shimada
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".

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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)	16247275H-A	June 24, 2026	-
1	16247275H-A-R1	August 18, 2026	Appendix 1 Maximum Peak Output Power (Reference data) -Remove ANT 1 data.

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	Murata Manufacturing Co., Ltd.
Address	1-10-1 Higashikotari, Nagaokakyo-shi, Kyoto 617-8555 Japan
Telephone Number	+81-50-1737-2801
Contact Person	Kenji Hayashikoshi

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	Communication module
Model Number	LBEE5XV2EA
Serial Number	Refer to SECTION 4.2
Condition	Production prototype (Not for Sale: This sample is equivalent to mass-produced items.)
Modification	No Modification by the test lab
Receipt Date	March 9, 2026
Test Date	March 12 to May 20, 2026

2.2 Product Description

General Specification

Rating	Typ. DC 3.3 V (DC 3.0 V to DC 4.8 V) for RF, Typ. DC 1.8 V (DC 1.71 V to DC 1.89 V) for IO (interface)
Operating temperature	-40 deg. C to 85 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.

Bluetooth (BR/EDR/Low Energy)

Equipment Type	Transceiver
Frequency of Operation	2402 MHz to 2480 MHz
Type of Modulation	BT: FHSS (GFSK, $\pi/4$ DQPSK, 8 DPSK) BT LE: GFSK
Antenna Gain ^{a)}	Cable length 30 mm: 0.0 dBi Cable length 300 mm: -1.8 dBi

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

Equipment Type	Transceiver
Frequency of Operation	20 MHz Band: 2412 MHz to 2462 MHz
Type of Modulation	DSSS, OFDM OFDMA (IEEE802.11ax Only) 20 MHz: 26/52/106/242-tone RU
Antenna Gain ^{a)}	Cable length 30 mm: 0.0 dBi Cable length 300 mm: -1.8 dBi
Directional Gain ^{a)} *1)	3.01 dBi

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

Equipment Type	Transceiver	
Frequency of Operation	20 MHz Band	5180 MHz to 5240 MHz 5260 MHz to 5320 MHz 5500 MHz to 5700 MHz 5745 MHz to 5825 MHz
	40 MHz Band	5190 MHz to 5230 MHz 5270 MHz to 5310 MHz 5510 MHz to 5670 MHz 5755 MHz to 5795 MHz
	80 MHz Band	5210 MHz 5290 MHz 5530 MHz to 5610 MHz 5775 MHz
Type of Modulation	OFDM	
	OFDMA (IEEE802.11ax Only)	20 MHz: 26/52/106/242-tone RU
		40 MHz: 26/52/106/242/484-tone RU 80 MHz: 26/52/106/242/484/996-tone RU
Antenna Gain ^{a)}	Cable length 30 mm: 1.5 dBi Cable length 300 mm: -2.2 dBi	
Directional Gain ^{a) *1)}	4.51 dBi	

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

Equipment Type	Transceiver	
Frequency of Operation	20 MHz Band:	5955 MHz to 7095 MHz
	40 MHz Band:	5965 MHz to 7085 MHz
	80 MHz Band:	5985 MHz to 7025 MHz
Type of Modulation	OFDM	
	OFDMA (IEEE802.11ax Only)	20 MHz: 26/52/106/242-tone RU
		40 MHz: 26/52/106/242/484-tone RU 80 MHz: 26/52/106/242/484/996-tone RU
Antenna Gain ^{a)}	Cable length 30 mm: 2.0 dBi Cable length 300 mm: -2.2 dBi	
Directional Gain ^{a) *1)}	5.01 dBi	
6 GHz Contention Based Protocol Incumbent avoidance	Channel puncturing: Not supported	
	Bandwidth reduction: Not supported	

* WLAN and Bluetooth do not transmit simultaneously.

*1) Directional antenna gain = $10 \log \left(\left(10^{\frac{Gain(Ant1)}{20}} + 10^{\frac{Gain(Ant2 \text{ or } Ant3)}{20}} \right)^2 / 2 \right)$

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)
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	Complied	-
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) *1)
Note: UL Japan, Inc.'s EMI Work Procedures: Work Instructions-ULID-003591 and Work Instructions-ULID-003593.			
*1) 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)

The RF Module has its own regulator.
The RF Module is constantly provided voltage through the regulator regardless of input voltage.
Therefore, this EUT complies with the requirement.

FCC Part 15.203/212 Antenna requirement

The EUT has a unique coupling/antenna connector (U.FL).
Therefore, the equipment complies with the requirement of 15.203/212.

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 $k = 2$.

Conducted emission

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

Radiated emission

Measurement distance	Frequency range		Unit	Calculated Uncertainty (+/-)
3 m	9 kHz to 30 MHz		dB	4.8
10 m			dB	4.7
3 m	30 MHz to 200 MHz	Horizontal	dB	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	-	-

* Size of vertical conducting plane (for Conducted Emission test): 2.0 x 2.0 m for No.1, No.2, No.3, No.4, and No.5 semi-anechoic chambers and No.3 and No.4 shielded rooms.

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 SISO (11b)	11 Mbps, PN9
IEEE 802.11g CDD (11g)	48 Mbps, PN9
IEEE 802.11n CDD 20 MHz BW (11n-20)	MCS 5, PN9
IEEE 802.11ax CDD 20 MHz BW (11ax-20)	MCS 5, 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: Refer to Power setting column of Test Data for Average Output Power. Software: Software name: Transmitter Mode Version: 18.53.469.31 (Date: 2026.01.13, 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 Antenna	Tested Frequency
Conducted Emission, Radiated Spurious Emission (Below 1 GHz) Conducted Spurious Emission	Tx 11n-20 *1)	Antenna 0 + 1	2437 MHz
6 dB Bandwidth, 99% Occupied Bandwidth	Tx 11b Tx 11g Tx 11n-20 Tx 11ax-20	Antenna 0 *2)	2412 MHz 2437 MHz 2462 MHz
Maximum Peak Output Power, Power Density	Tx 11b	Antenna 0, Antenna 1	
	Tx 11g Tx 11n-20 Tx 11ax-20	Antenna 0 + 1	
Radiated Spurious Emission (Above 1 GHz)	Tx 11b	Antenna 0 *2)	
	Tx 11n-20 Tx 11ax-20	Antenna 0 + 1	
*1) The mode was tested as a representative, because it had the highest power at antenna terminal test.			
*2) After the comparison between Antenna 0 and Antenna 1, the test was performed with Antenna 0 as a representative, as it was the worst case.			

[BT LE]

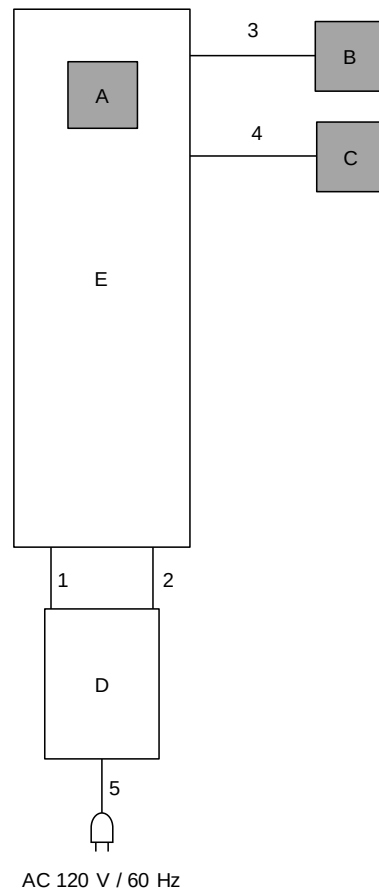
Mode	Remarks*
Bluetooth Low Energy (BT LE)	Uncoded 1M-PHY (1M), Maximum Packet Size, PRBS9
Bluetooth Low Energy (BT LE)	Uncoded 2M-PHY (2M), Maximum Packet Size, PRBS9
*Power of the EUT was set by the software as follows; Power Setting: 6.5 dBm Software: CYW55560A1 001.002.087.0404.0000 MAX TEST ONLY.hcd (Date: 2026.01.13, Storage location: Driven by connected PC) Broadcom Blue Tool Version 2.0.0.2 (Date: 2026.03.12, 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 Antenna	Tested Frequency
Conducted Emission, Radiated Spurious Emission (Below 1 GHz)	Tx BT LE 2M *1)	Antenna 0	2440 MHz
Radiated Spurious Emission (Above 1 GHz), Maximum Peak Output Power, Power Density, 6 dB Bandwidth, 99% Occupied Bandwidth, Conducted Spurious Emission	Tx BT LE 1M Tx BT LE 2M	Antenna 0	2402 MHz 2440 MHz 2480 MHz
*1) Conducted emissions and 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

Conducted Emission test



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

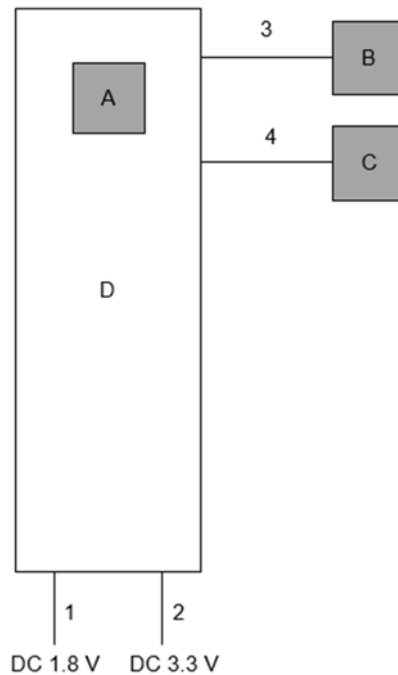
Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Communication module	LBEE5XV2EA	No.21	Murata Manufacturing Co., Ltd.	EUT
B	Antenna	1KT-001	No.21-0	Murata Manufacturing Co., Ltd.	EUT
C	Antenna	1KT-001	No.21-1	Murata Manufacturing Co., Ltd.	EUT
D	DC Power Supply	PW16-5ADP	17116437	NIKKE TECHNO SYSTEM CO., LTD	-
E	Jig Board	P2ML12609	No.21	Murata Manufacturing Co., Ltd.	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	2.00	Unshielded	Unshielded	-
2	DC Cable	2.00	Unshielded	Unshielded	-
3	Antenna Cable	0.03	Shielded	Shielded	-
4	Antenna Cable	0.03	Shielded	Shielded	-
5	AC Cable	2.50	Unshielded	Unshielded	-

Radiated Emission test



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

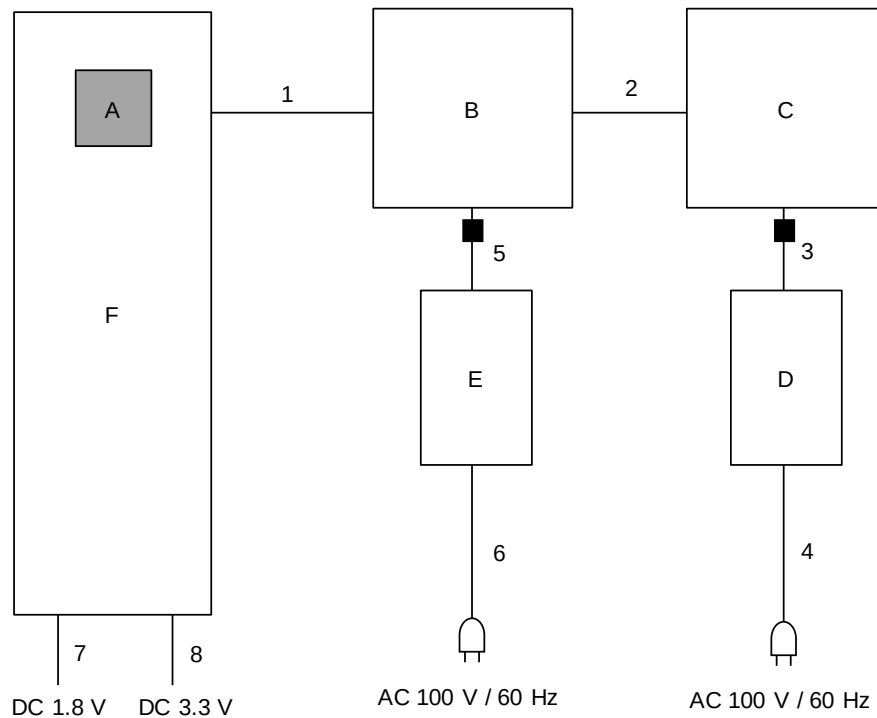
Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Communication module	LBEE5XV2EA	No.21	Murata Manufacturing Co., Ltd.	EUT
B	Antenna	1KT-001	No.21-0	Murata Manufacturing Co., Ltd.	EUT
C	Antenna	1KT-001	No.21-1	Murata Manufacturing Co., Ltd.	EUT
D	Jig Board	P2ML12609	No.21	Murata Manufacturing Co., Ltd.	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	2.10	Unshielded	Unshielded	-
2	DC Cable	1.60	Unshielded	Unshielded	-
3	Antenna Cable	0.03	Shielded	Shielded	-
4	Antenna Cable	0.03	Shielded	Shielded	-

Antenna Terminal Conducted test for WLAN



■ : Standard Ferrite Core

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

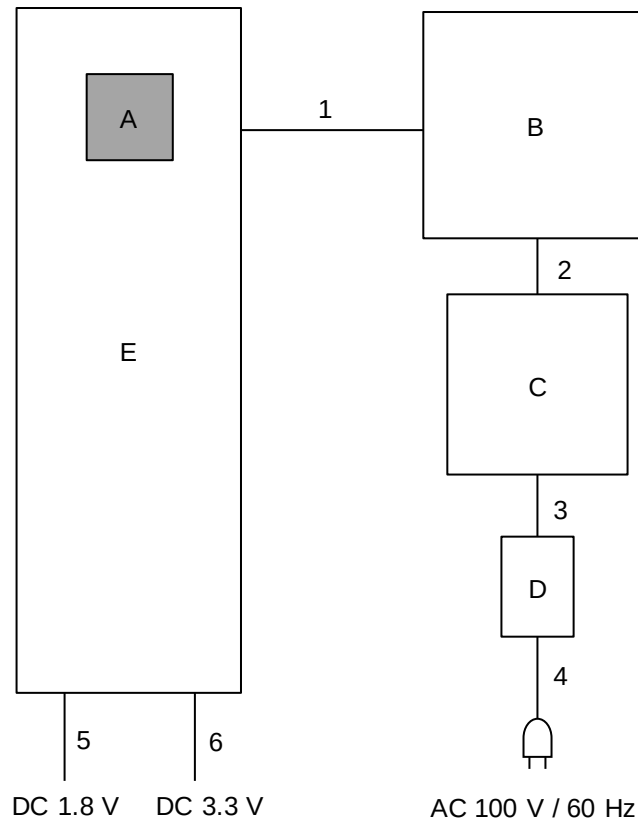
Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Communication module	LBEE5XV2EA	No.1	Murata Manufacturing Co., Ltd.	EUT
B	Compact PC	GB-BSi7-6500	No.4	GIGABYTE	-
C	Laptop PC	X1 Carbon	R9-OH8OBW 15/9	Lenovo	-
D	AC Adapter	ADXL45NCC2A	11S45N0299Z1ZS9 44B6KBR	Lenovo	-
E	AC Adapter	9NA0652107	H4121003524	FSP GROUP INC.	-
F	Jig Board	P2ML12609	No.1	Murata Manufacturing Co., Ltd.	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	Signal Cable	0.20	Unshielded	Unshielded	-
2	LAN Cable	3.00	Unshielded	Unshielded	-
3	DC Cable	1.70	Unshielded	Unshielded	-
4	AC Cable	1.00	Unshielded	Unshielded	-
5	DC Cable	1.50	Unshielded	Unshielded	-
6	AC Cable	0.80	Unshielded	Unshielded	-
7	DC Cable	0.65	Unshielded	Unshielded	-
8	DC Cable	0.65	Unshielded	Unshielded	-

Antenna Terminal Conducted test for BT LE



* 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	Communication module	LBEE5XV2EA	No.1	Murata Manufacturing Co., Ltd.	EUT
B	USB-UART Communicate Board	P2ML7727	No.1	Murata Manufacturing Co., Ltd.	-
C	Laptop PC	X1 Carbon	R9-OH8OBW 15/9	Lenovo	-
D	AC Adapter	ADXL45NCC2A	11S45N0299Z1ZS9 44B6KBR	Lenovo	-
E	Jig Board	P2ML12609	No.1	Murata Manufacturing Co., Ltd.	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	Signal Cable	0.12	Unshielded	Unshielded	-
2	USB Cable	1.00	Shielded	Shielded	-
3	DC Cable	1.70	Unshielded	Unshielded	-
4	AC Cable	1.00	Unshielded	Unshielded	-
5	DC Cable	0.65	Unshielded	Unshielded	-
6	DC Cable	0.65	Unshielded	Unshielded	-

SECTION 5: Conducted Emission

Test Procedure and Conditions

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 rear of tabletop was located 40 cm to the vertical conducting plane. The rear of EUT, including peripherals was aligned and flushed with rear of tabletop. All other surfaces of tabletop were at least 80cm from any other grounded conducting surface. EUT was located 80 cm from a Line Impedance Stabilization Network (LISN) / Artificial mains Network (AMN) and excess AC cable was bundled in center.

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

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

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

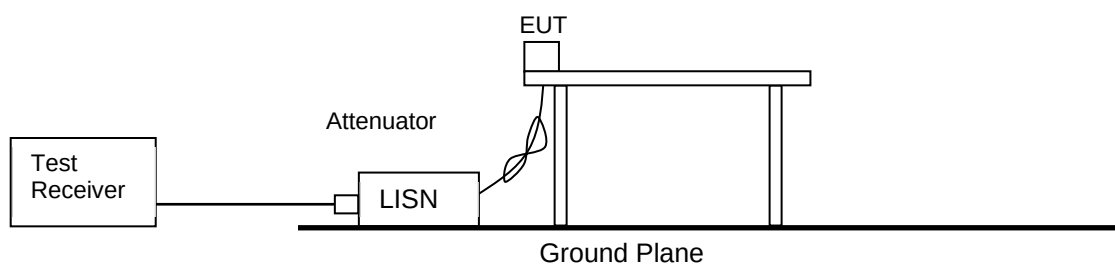
The EUT was connected to a LISN (AMN).

An overview sweep with peak detection has been performed.

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

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

Figure 1: Test Setup



SECTION 6: 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

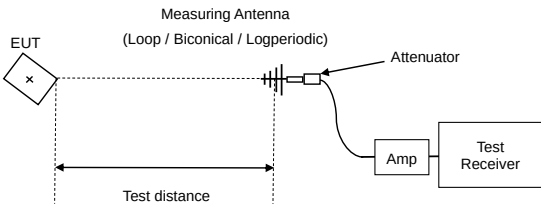
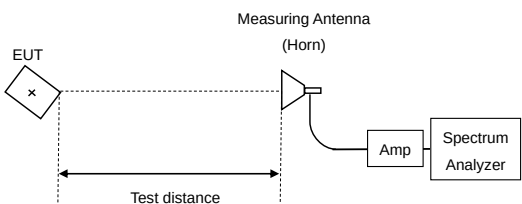
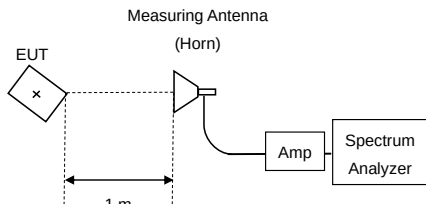
In any 100 kHz bandwidth outside the restricted band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired 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	<u>11.12.2.5.1</u> RBW: 1 MHz VBW: 3 MHz Detector: Power Averaging (RMS) Trace: 100 traces	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 carrier level and noise levels were confirmed at each position of X, Y and Z axes of EUT to see the position of maximum noise, and the test was made at the position that has the maximum noise.

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 7: 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, 5MHz, 10 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.

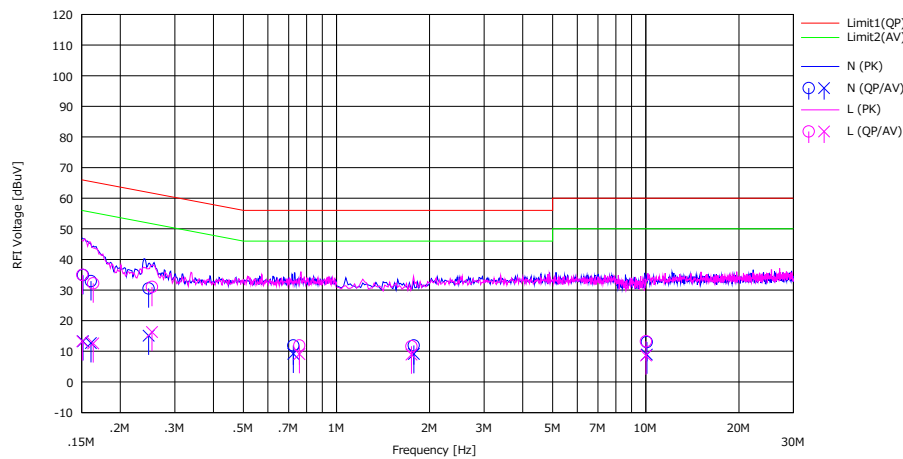
Test Data : APPENDIX
Test Result : Pass

APPENDIX 1: Test Data

Conducted Emission

Mode	Tx 11n-20 2437 MHz			
Date	Test site	Temperature	Humidity	Engineer
May 20, 2026	SAC2	22 deg. C	66 % RH	Wataru Toriyama

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



No.	Freq. [MHz]	Reading		USN	LOSS	Results		Limit		Margin		Phase	Comment
		(QP) [dBuV]	(AV) [dBuV]			(QP) [dBuV]	(AV) [dBuV]	(QP) [dBuV]	(AV) [dBuV]	(QP) [dB]	(AV) [dB]		
1	0.15149	21.70	0.10	0.05	13.14	34.89	13.29	65.92	55.92	31.03	42.63	N	
2	0.16064	19.70	-0.50	0.05	13.14	32.89	12.69	65.43	55.43	32.54	42.74	N	
3	0.24708	17.30	1.90	0.05	13.16	30.51	15.11	61.85	51.85	31.34	36.74	N	
4	0.72480	-1.40	-4.10	0.05	13.24	11.89	9.19	56.00	46.00	44.11	36.81	N	
5	1.77760	-1.50	-4.30	0.07	13.37	11.94	9.14	56.00	46.00	44.06	36.86	N	
6	10.07720	-1.10	-5.20	0.20	13.93	13.03	8.93	60.00	50.00	46.97	41.07	N	
7	0.15082	21.80	0.10	0.04	13.14	34.98	13.28	65.95	55.95	30.97	42.67	L	
8	0.16344	19.00	-0.60	0.04	13.14	32.18	12.58	65.29	55.29	33.11	42.71	L	
9	0.25332	17.80	3.10	0.04	13.16	31.00	16.30	61.65	51.65	30.65	35.35	L	
10	0.75816	-1.40	-4.20	0.05	13.25	11.90	9.10	56.00	46.00	44.10	36.90	L	
11	1.74760	-1.80	-4.50	0.06	13.37	11.63	8.93	56.00	46.00	44.37	37.07	L	
12	10.01520	-0.90	-5.50	0.21	13.93	13.24	8.64	60.00	50.00	46.76	41.36	L	

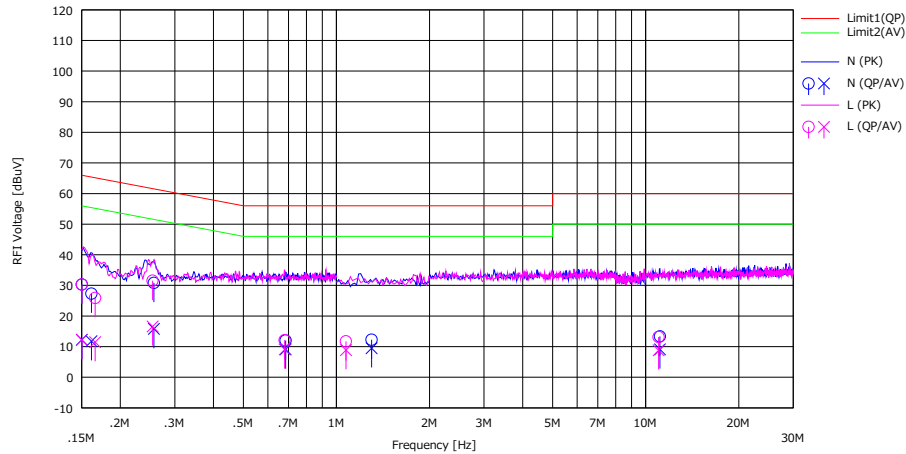
CHART: WITH FACTOR Peak hold data. CALCULATION : RESULT = READING + C.F (LISN + CABLE + ATT)
Except for the above table: adequate margin data below the limits.

Conducted Emission

Mode	Tx BT LE 2M-PHY 2440 MHz			
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Date	Test site	Temperature	Humidity	Engineer
May 20, 2026	SAC2	22 deg. C	66 % RH	Wataru Toriyama

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



No.	Freq. [MHz]	Reading		LISN [dB]	LOSS [dB]	Results		Limit		Margin		Phase	Comment
		[dBuV]	[dBuV]			[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
1	0.15024	17.10	-0.90	0.05	13.14	30.29	12.29	65.99	55.99	35.70	43.70	N	
2	0.16132	14.10	-1.40	0.05	13.14	27.29	11.79	65.40	55.40	38.11	43.61	N	
3	0.25696	17.60	2.60	0.05	13.16	30.81	15.81	61.53	51.53	30.72	35.72	N	
4	0.68550	-1.30	-4.20	0.05	13.24	11.99	9.09	56.00	46.00	44.01	36.91	N	
5	1.29890	-1.10	-3.90	0.06	13.32	12.28	9.48	56.00	46.00	43.72	36.52	N	
6	11.12000	-0.90	-5.10	0.25	13.98	13.33	9.13	60.00	50.00	46.67	40.87	N	
7	0.15018	17.10	-1.00	0.04	13.14	30.28	12.18	65.99	55.99	35.71	43.81	L	
8	0.16592	12.70	-1.70	0.04	13.14	25.88	11.48	65.16	55.16	39.28	43.68	L	
9	0.25441	18.30	3.40	0.04	13.16	31.50	16.60	61.61	51.61	30.11	35.01	L	
10	0.68000	-1.20	-4.20	0.04	13.24	12.08	9.08	56.00	46.00	43.92	36.92	L	
11	1.07320	-1.60	-4.50	0.05	13.30	11.75	8.85	56.00	46.00	44.25	37.15	L	
12	11.00840	-1.10	-5.40	0.26	13.97	13.13	8.83	60.00	50.00	46.87	41.17	L	

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

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11b, SISO

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	11196.4	7.489	> 0.5000
2437	11245.7	7.273	> 0.5000
2462	11218.8	7.386	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

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

Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11g, CDD

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	16675.2	16.488	> 0.5000
2437	16697.7	16.491	> 0.5000
2462	16688.1	16.487	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11n-20, CDD

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	17639.6	16.670	> 0.5000
2437	17653.2	16.305	> 0.5000
2462	17652.1	16.969	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

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

Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11ax-20(OFDM), CDD

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	18974.0	19.059	> 0.5000
2437	18959.5	19.066	> 0.5000
2462	18975.2	19.064	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

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

Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	0	18338.7	2.089	> 0.5000
2437	4	17077.9	2.640	> 0.5000
2462	8	18528.9	2.068	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	37	18183.4	4.066	> 0.5000
2437	38	17155.1	4.110	> 0.5000
2462	40	18327.3	4.095	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	53	18145.0	8.381	> 0.5000
2437	53	18176.6	8.370	> 0.5000
2462	54	18323.9	8.388	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

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

Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	61	19042.2	19.155	> 0.5000
2437	61	19083.6	19.155	> 0.5000
2462	61	19055.7	19.170	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

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

Date	Test Place	Temperature	Humidity	Engineer
March 12, 2026	MR8	22 deg.C	42 %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	1046.5	0.668	> 0.5000
2440	1046.8	0.668	> 0.5000
2480	1046.2	0.669	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
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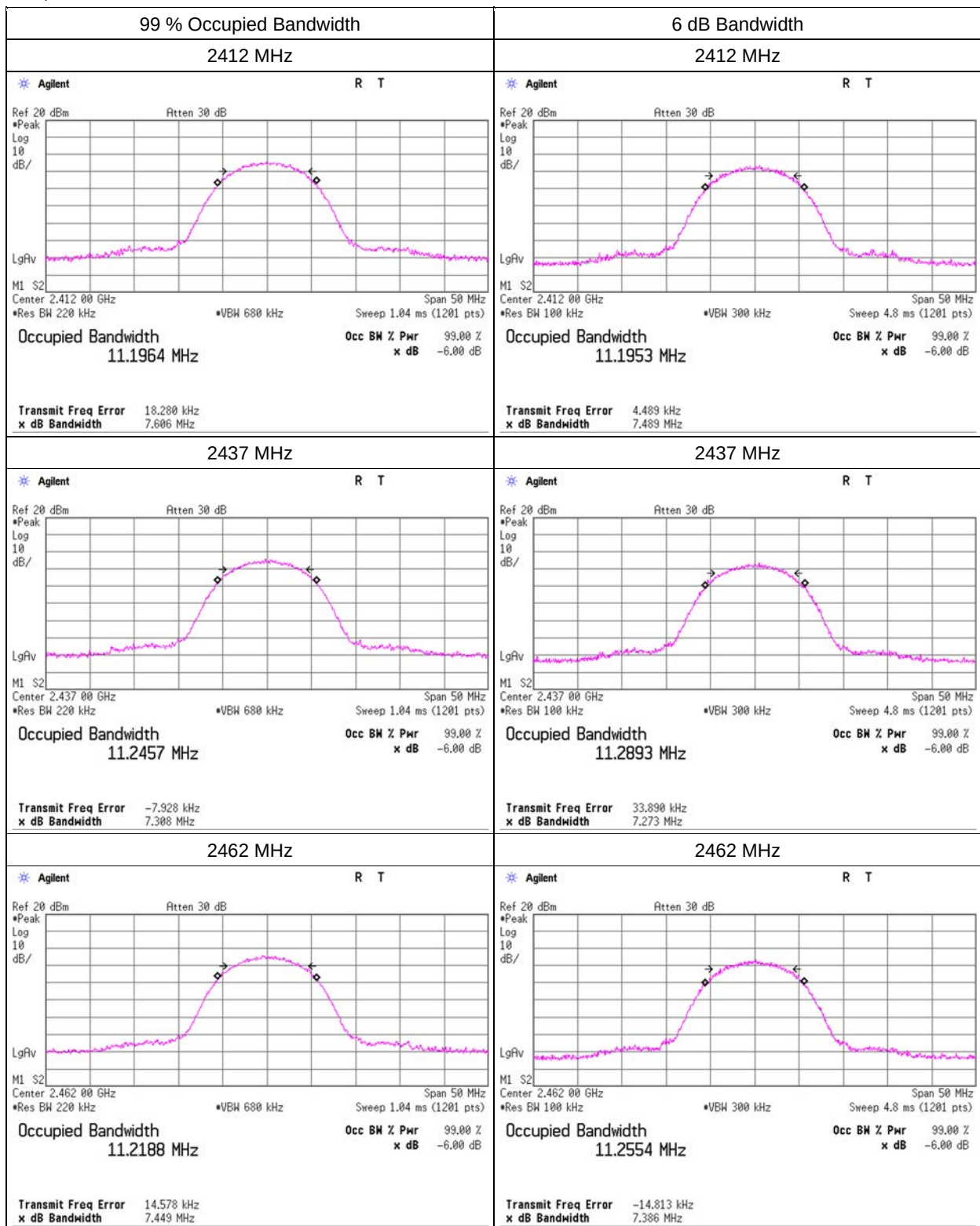
Date	Test Place	Temperature	Humidity	Engineer
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama

BT LE 2M-PHY

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2402	2035.4	1.169	> 0.5000
2440	2035.5	1.201	> 0.5000
2480	2033.9	1.168	> 0.5000

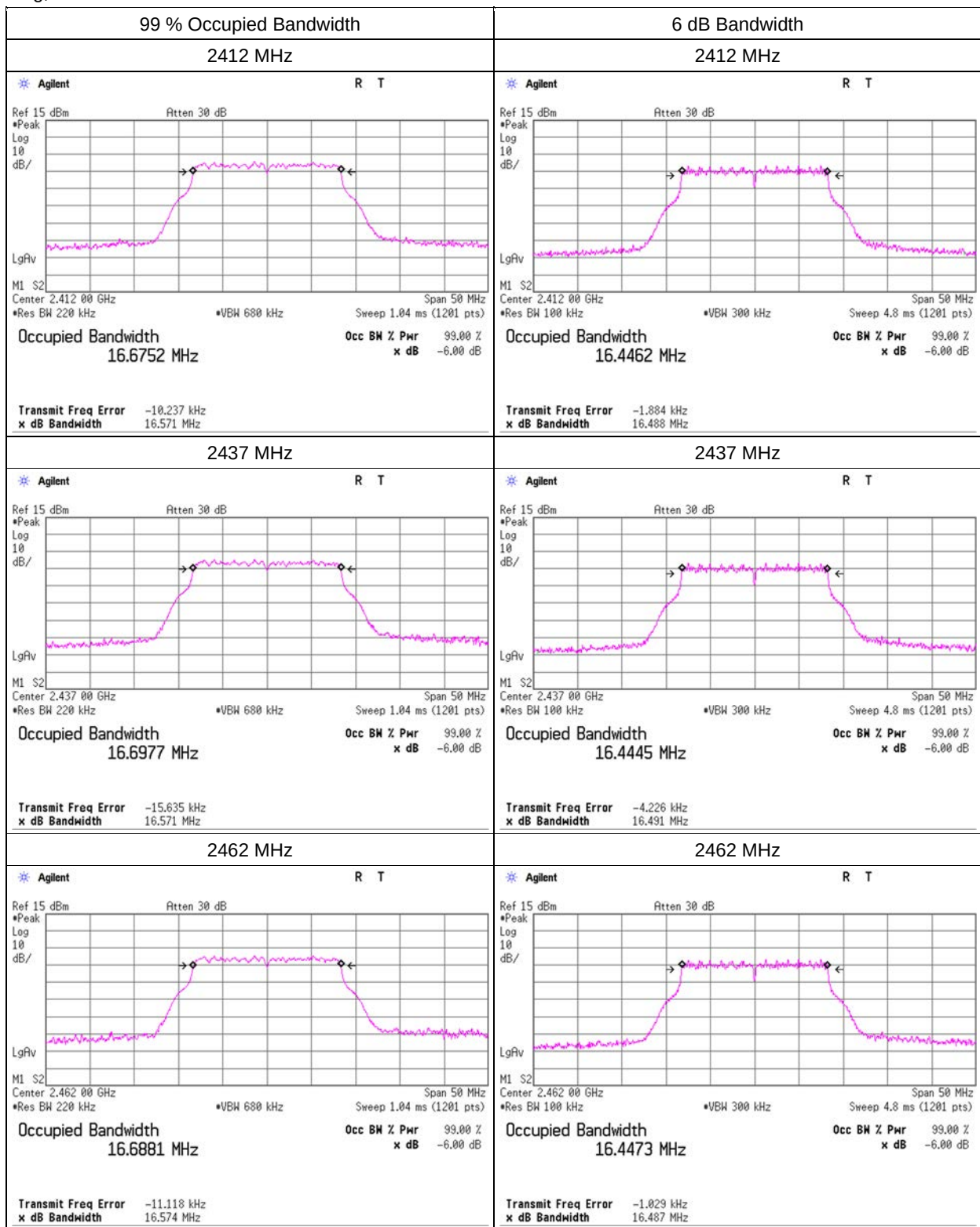
99 % Occupied Bandwidth and 6 dB Bandwidth

11b, SISO



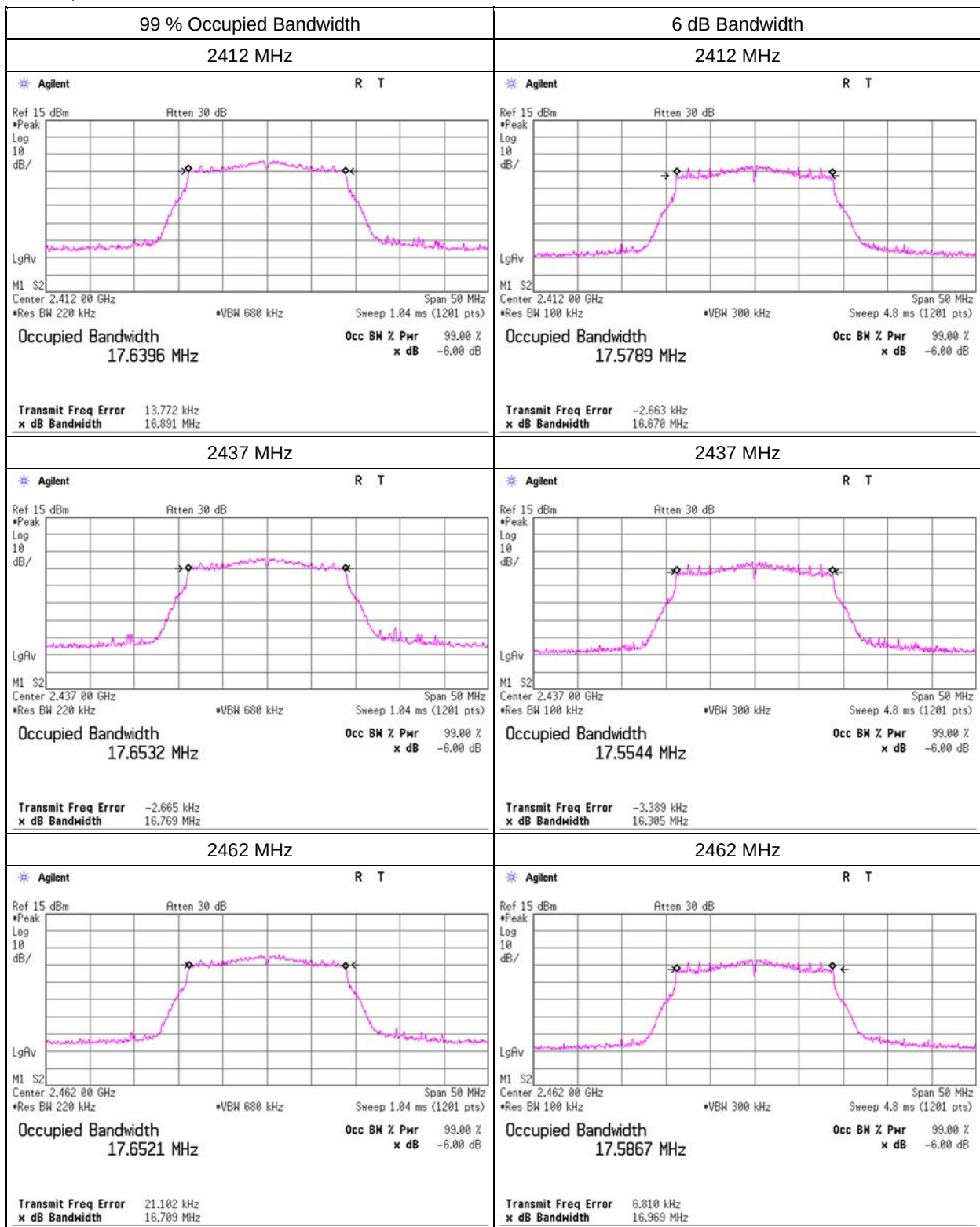
99 % Occupied Bandwidth and 6 dB Bandwidth

11g, CDD



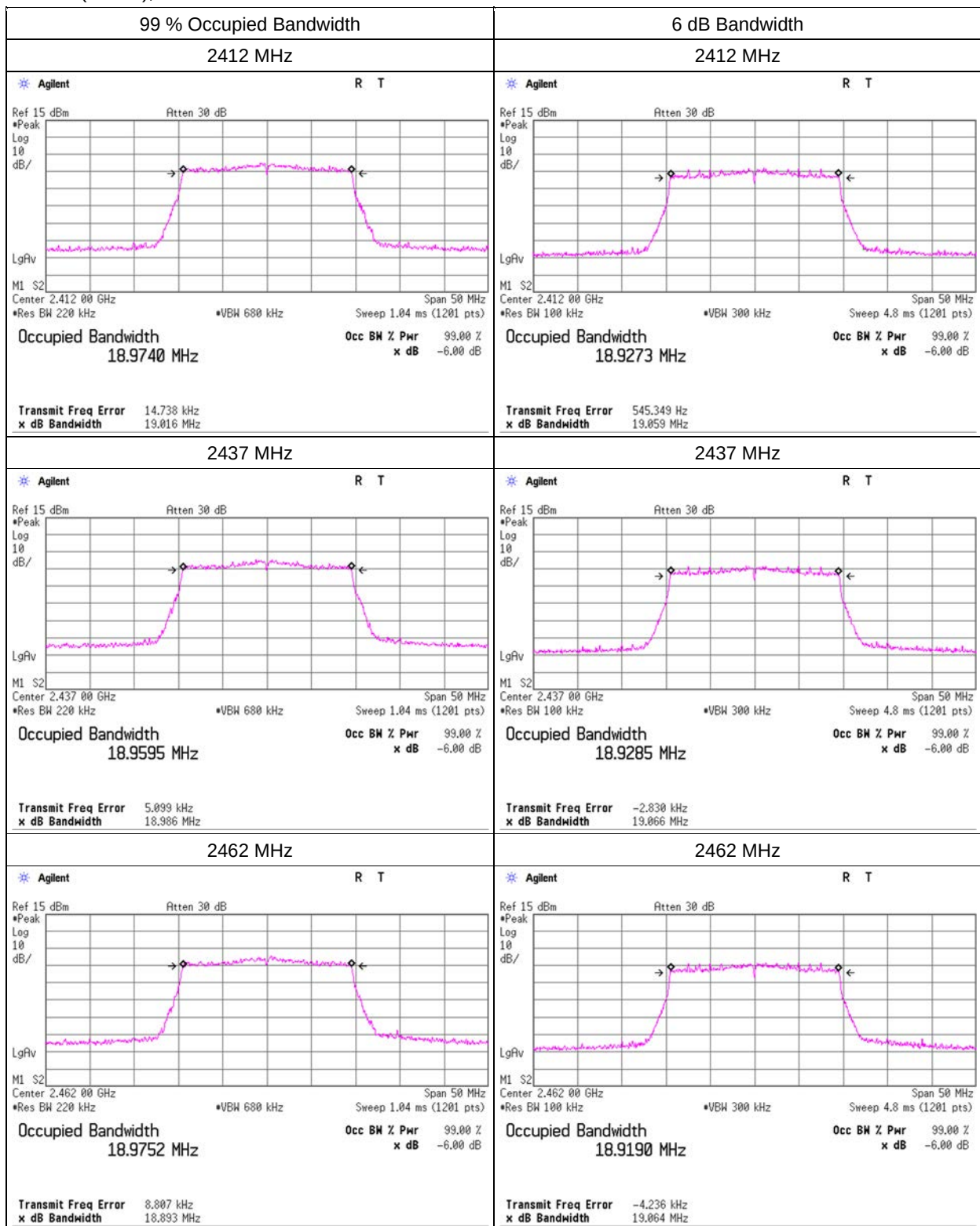
99 % Occupied Bandwidth and 6 dB Bandwidth

11n-20, CDD



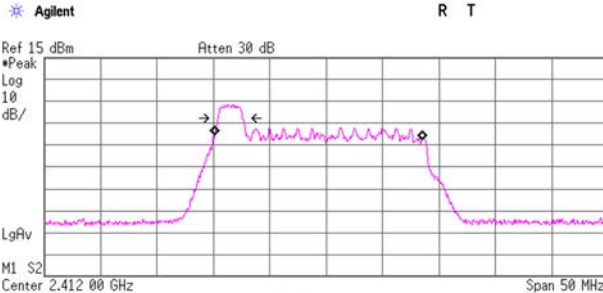
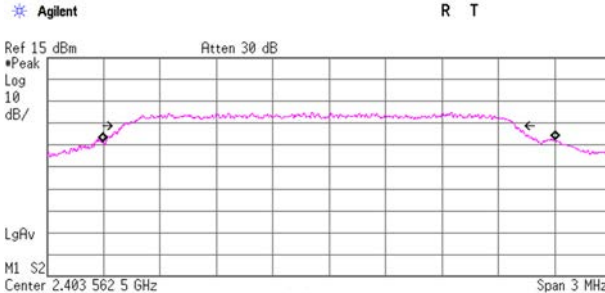
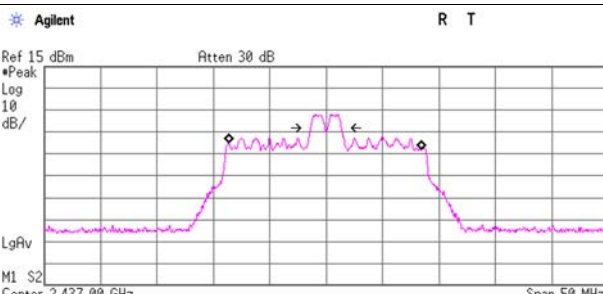
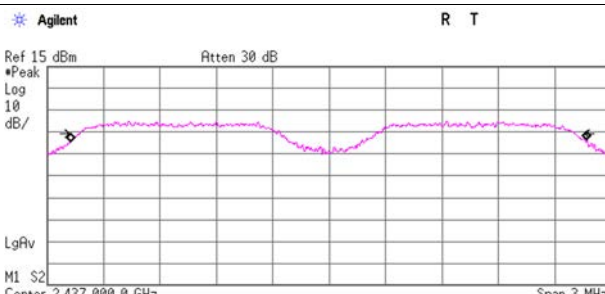
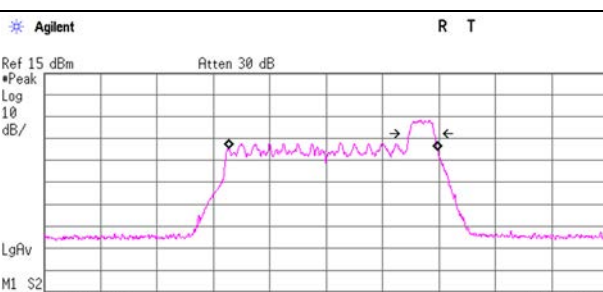
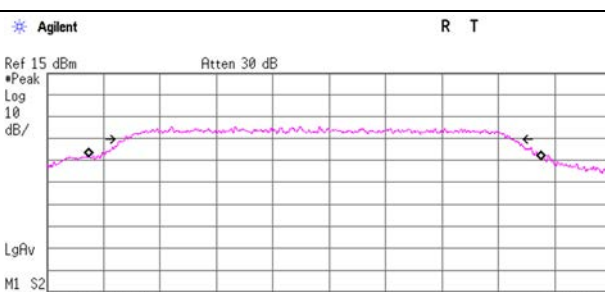
99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDM), CDD



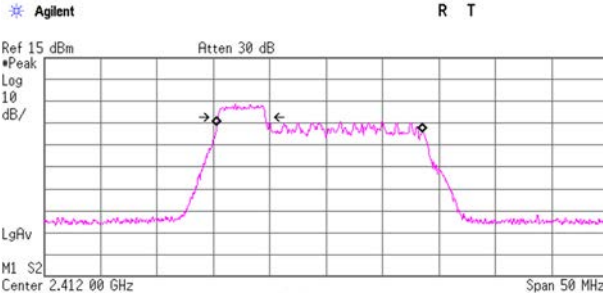
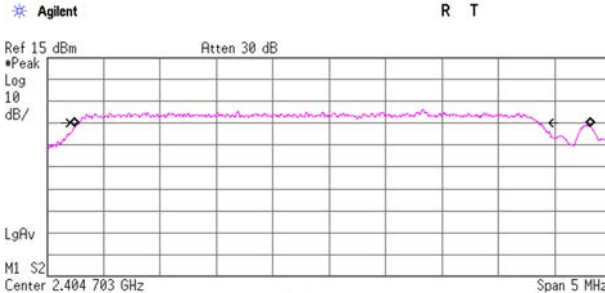
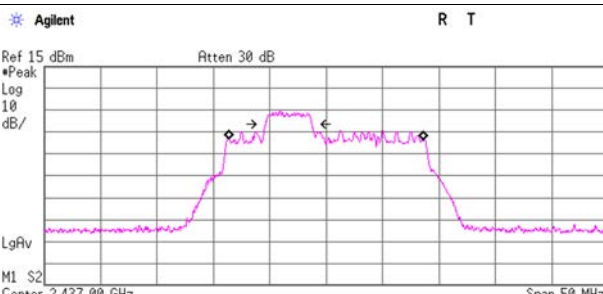
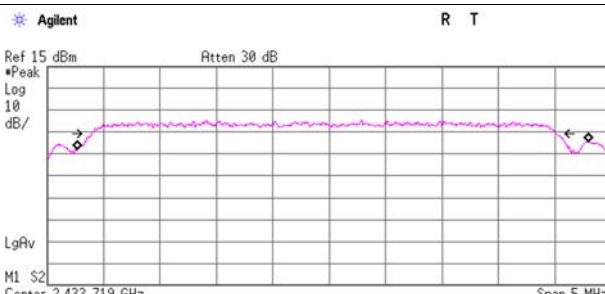
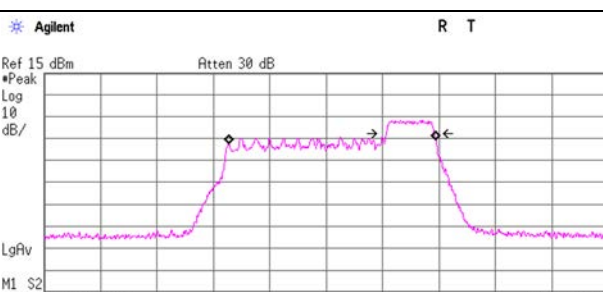
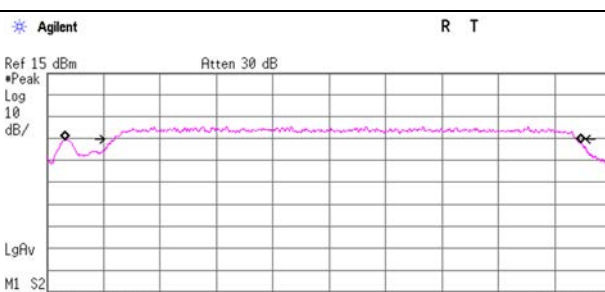
99 % Occupied Bandwidth and 6 dB Bandwidth

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

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 0	RU Index 0
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv M1 S2 Center 2.412 00 GHz *Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.3387 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -675.747 kHz x dB Bandwidth 2.129 MHz	 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv M1 S2 Center 2.403 562 5 GHz *Res BW 100 kHz Span 3 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.4074 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -2.035 kHz x dB Bandwidth 2.089 MHz
2437 MHz	2437 MHz
RU Index 4	RU Index 4
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv M1 S2 Center 2.437 00 GHz *Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 17.0779 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -78.764 kHz x dB Bandwidth 2.726 MHz	 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv M1 S2 Center 2.437 000 0 GHz *Res BW 100 kHz Span 3 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.7447 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -2.453 kHz x dB Bandwidth 2.640 MHz
2462 MHz	2462 MHz
RU Index 8	RU Index 8
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv M1 S2 Center 2.462 00 GHz *Res BW 220 kHz Span 50 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.5289 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 626.557 kHz x dB Bandwidth 2.186 MHz	 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv M1 S2 Center 2.470 515 6 GHz *Res BW 100 kHz Span 3 MHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.4057 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -78.164 kHz x dB Bandwidth 2.068 MHz

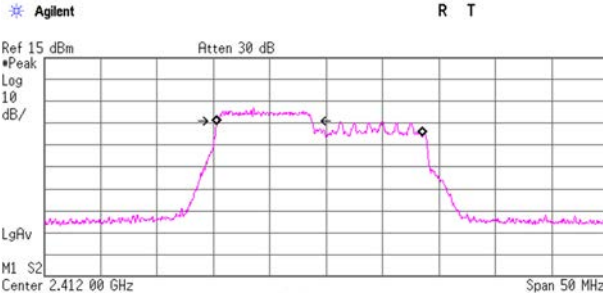
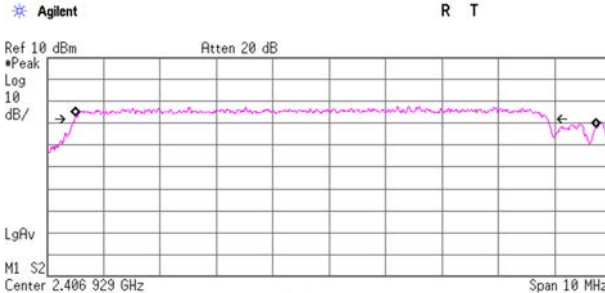
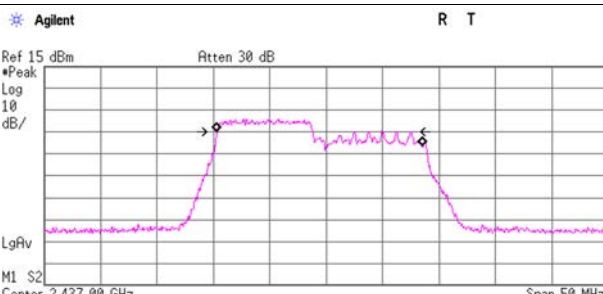
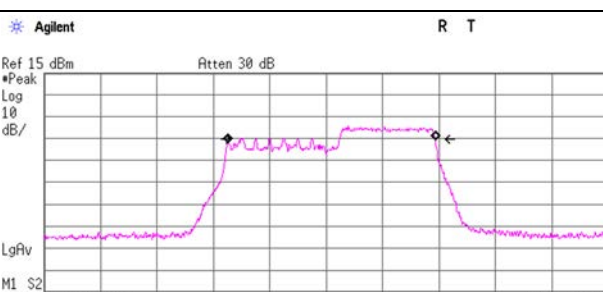
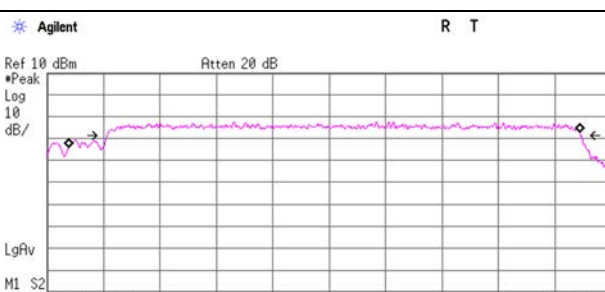
99 % Occupied Bandwidth and 6 dB Bandwidth

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

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 37	RU Index 37
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv 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 18.1834 MHz Transmit Freq Error -577.391 kHz x dB Bandwidth 4.138 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB	 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv M1 S2 Center 2.404 703 GHz *Res BW 100 kHz Span 5 MHz Sweep 1.04 ms (1201 pts) *VBW 300 kHz Occupied Bandwidth 4.5701 MHz Transmit Freq Error 29.752 kHz x dB Bandwidth 4.066 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB
2437 MHz	2437 MHz
RU Index 38	RU Index 38
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv 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 17.1551 MHz Transmit Freq Error -13.700 kHz x dB Bandwidth 4.100 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB	 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv 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 4.5252 MHz Transmit Freq Error 34.248 kHz x dB Bandwidth 4.110 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB
2462 MHz	2462 MHz
RU Index 40	RU Index 40
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv 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 18.3273 MHz Transmit Freq Error 559.013 kHz x dB Bandwidth 4.206 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB	 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv M1 S2 Center 2.469 300 GHz *Res BW 100 kHz Span 5 MHz Sweep 1.04 ms (1201 pts) *VBW 300 kHz Occupied Bandwidth 4.5715 MHz Transmit Freq Error -55.483 kHz x dB Bandwidth 4.095 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB

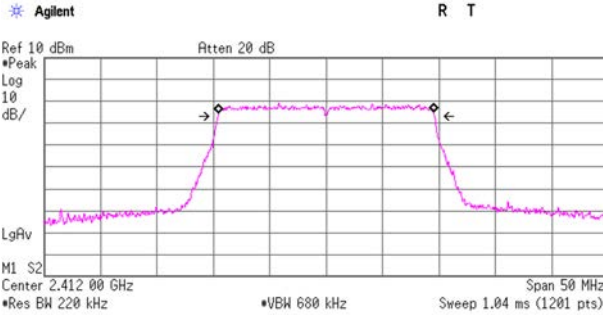
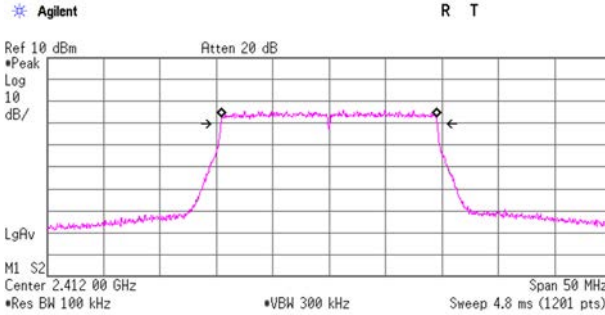
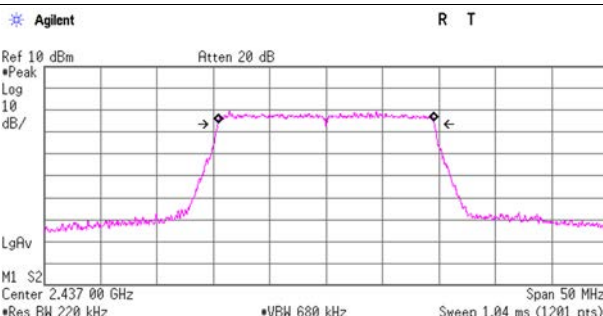
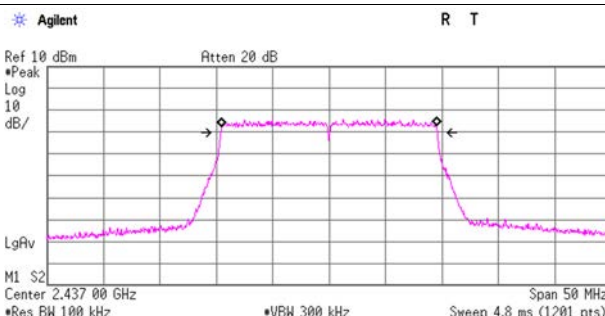
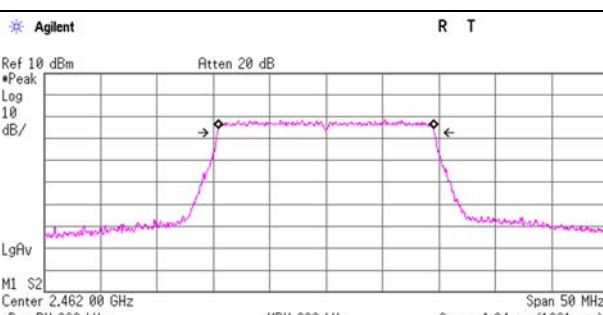
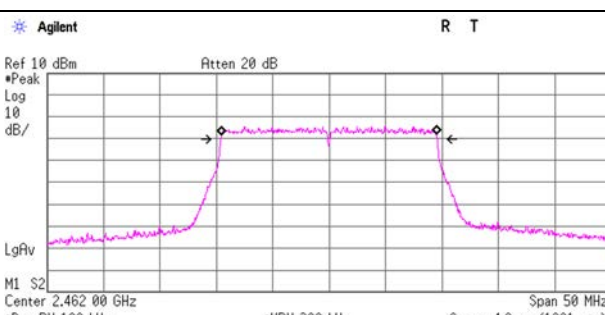
99 % Occupied Bandwidth and 6 dB Bandwidth

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

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 53	RU Index 53
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv Atten 30 dB M1 S2 Center 2.412 00 GHz *Res BW 220 kHz Span 50 MHz *VBW 680 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.1450 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -590.090 kHz x dB Bandwidth 8.286 MHz	 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.406 929 GHz *Res BW 100 kHz Span 10 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 9.2234 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 118.690 kHz x dB Bandwidth 8.381 MHz
2437 MHz	2437 MHz
RU Index 53	RU Index 53
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv Atten 30 dB M1 S2 Center 2.437 00 GHz *Res BW 220 kHz Span 50 MHz *VBW 680 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.1766 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -571.713 kHz x dB Bandwidth 17.227 MHz	 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.431 810 GHz *Res BW 100 kHz Span 10 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 9.0819 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 168.489 kHz x dB Bandwidth 8.370 MHz
2462 MHz	2462 MHz
RU Index 54	RU Index 54
 Agilent R T Ref 15 dBm *Peak Log 10 dB/ LgRv Atten 30 dB M1 S2 Center 2.462 00 GHz *Res BW 220 kHz Span 50 MHz *VBW 680 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.3239 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 496.624 kHz x dB Bandwidth 17.243 MHz	 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.467 119 GHz *Res BW 100 kHz Span 10 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 9.0541 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -87.079 kHz x dB Bandwidth 8.388 MHz

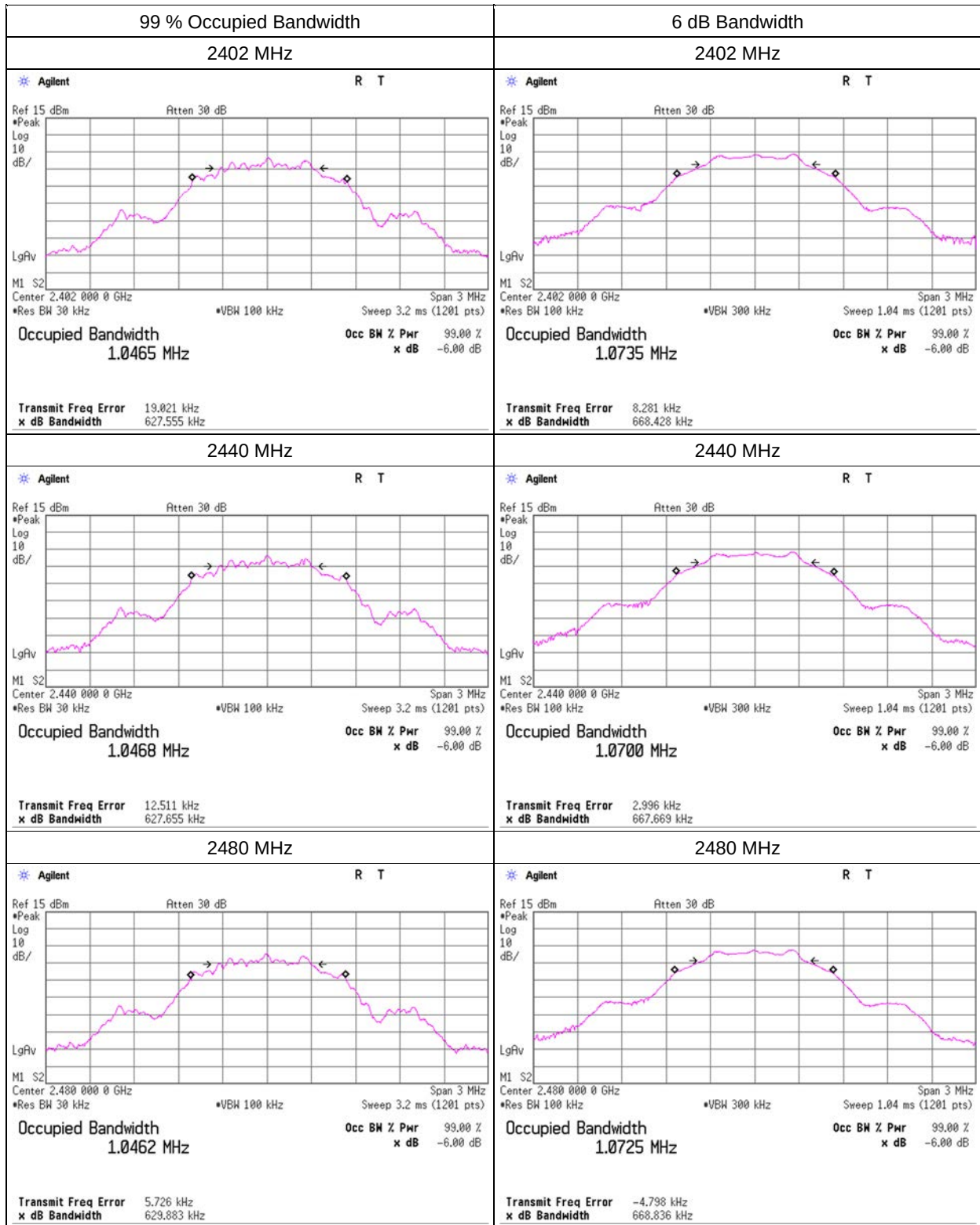
99 % Occupied Bandwidth and 6 dB Bandwidth

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

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 61	RU Index 61
 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.412 00 GHz *Res BW 220 kHz Span 50 MHz *VBW 680 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 19.0422 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 6.016 kHz x dB Bandwidth 19.167 MHz	 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.412 00 GHz *Res BW 100 kHz Span 50 MHz *VBW 300 kHz Sweep 4.8 ms (1201 pts) Occupied Bandwidth 18.9701 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -2.052 kHz x dB Bandwidth 19.155 MHz
2437 MHz	2437 MHz
RU Index 61	RU Index 61
 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.437 00 GHz *Res BW 220 kHz Span 50 MHz *VBW 680 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 19.0836 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -7.434 kHz x dB Bandwidth 19.170 MHz	 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.437 00 GHz *Res BW 100 kHz Span 50 MHz *VBW 300 kHz Sweep 4.8 ms (1201 pts) Occupied Bandwidth 18.9731 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 2.277 kHz x dB Bandwidth 19.155 MHz
2462 MHz	2462 MHz
RU Index 61	RU Index 61
 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.462 00 GHz *Res BW 220 kHz Span 50 MHz *VBW 680 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 19.0557 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -4.682 kHz x dB Bandwidth 19.182 MHz	 Agilent R T Ref 10 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.462 00 GHz *Res BW 100 kHz Span 50 MHz *VBW 300 kHz Sweep 4.8 ms (1201 pts) Occupied Bandwidth 18.9667 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -3.345 kHz x dB Bandwidth 19.170 MHz

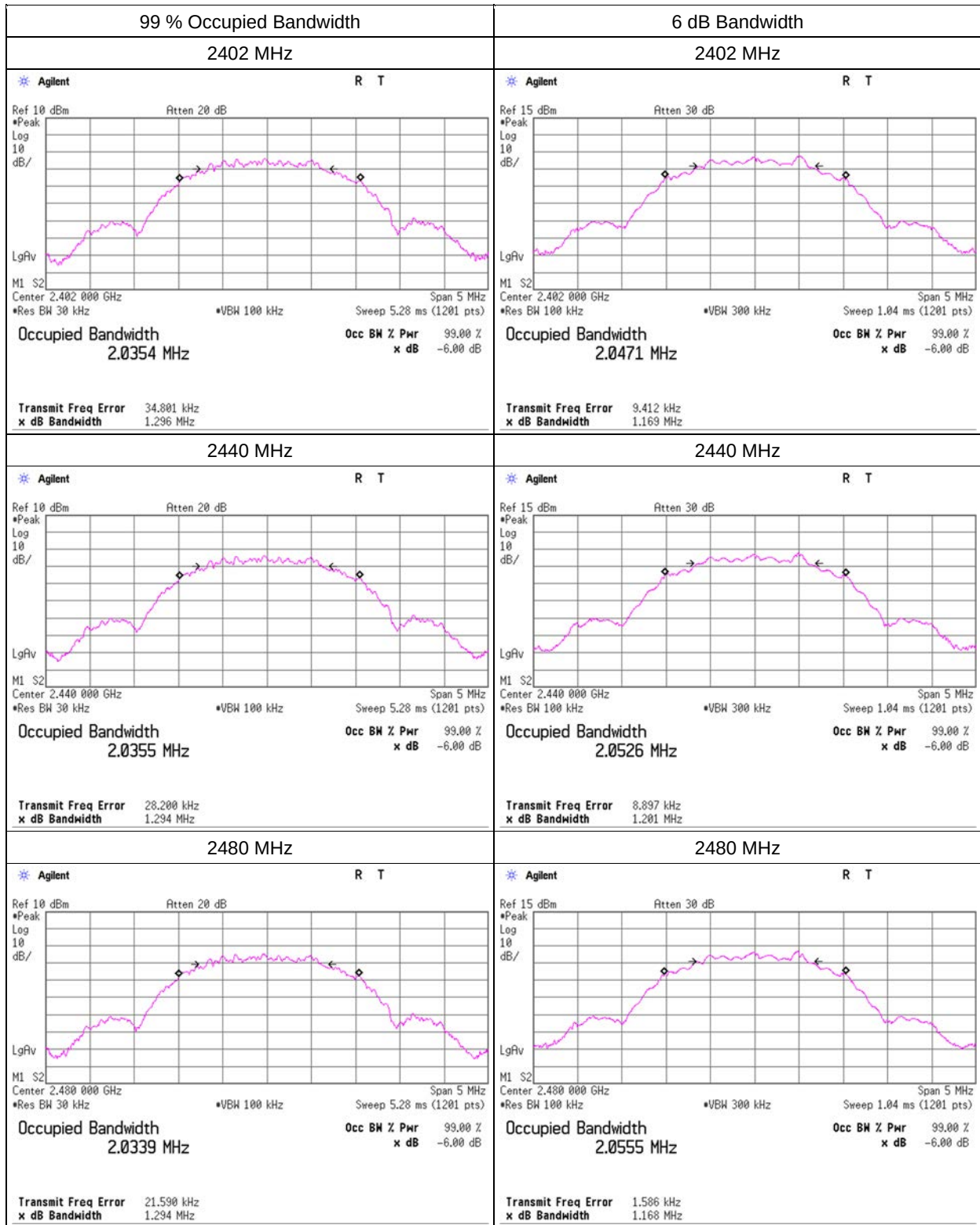
99 % Occupied Bandwidth and 6 dB Bandwidth

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
March 16, 2026	MR8	23 deg.C	38 %RH	Wataru Toriyama

11b, SISO

Antenna Port: ANT 0

Antenna Port: ANT 0				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	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	5.09	1.10	9.57	15.76	37.68	30.00	1000.00	14.24	0.00	15.76	37.68	36.02	4000.00	20.26
2437	4.92	1.10	9.57	15.59	36.23	30.00	1000.00	14.41	0.00	15.59	36.23	36.02	4000.00	20.43
2462	5.04	1.10	9.57	15.71	37.24	30.00	1000.00	14.29	0.00	15.71	37.24	36.02	4000.00	20.31

Antenna Port: ANT 1

Antenna Port: ANT 1				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	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	5.01	1.00	9.68	15.69	37.07	30.00	1000.00	14.31	0.00	15.69	37.07	36.02	4000.00	20.33
2437	4.95	1.00	9.68	15.63	36.56	30.00	1000.00	14.37	0.00	15.63	36.56	36.02	4000.00	20.39
2462	4.84	1.00	9.68	15.52	35.65	30.00	1000.00	14.48	0.00	15.52	35.65	36.02	4000.00	20.50

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)

Antenna	Rate [Mbps]	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
						[dBm]	[mW]	
ANT 0	1	-	2.37	1.10	9.57	13.04	20.14	-
	2	-	2.54	1.10	9.57	13.21	20.94	-
	5.5	-	2.53	1.10	9.57	13.20	20.89	-
	11	-	2.73	1.10	9.57	13.40	21.88	-
ANT 1	1	-	2.63	1.00	9.68	13.31	21.43	-
	2	-	3.03	1.00	9.68	13.71	23.50	-
	5.5	-	2.85	1.00	9.68	13.53	22.54	-
	11	-	3.23	1.00	9.68	13.91	24.60	*

*Worst Rate

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11g, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 16, 2026	MR8	23 deg.C	38 %RH	Wataru Toriyama

11g, CDD

ANT 0 + ANT 1

Tested Freq. [MHz]	Conducted power						e.i.r.p. for RSS-247					
	ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	160.32	159.96	320.28	25.06	30.00	4.94	320.63	319.89	640.52	28.07	36.02	7.95
2437	174.58	163.68	338.26	25.30	30.00	4.70	349.14	327.34	676.48	28.31	36.02	7.71
2462	169.04	161.06	330.11	25.19	30.00	4.81	338.06	322.11	660.17	28.20	36.02	7.82

	ANT 0						ANT 1					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
					Cond. Power	e.i.r.p.					Cond. Power	e.i.r.p.
[MHz]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
2412	11.38	1.10	9.57	3.01	22.05	25.06	11.36	1.00	9.68	3.01	22.04	25.05
2437	11.75	1.10	9.57	3.01	22.42	25.43	11.46	1.00	9.68	3.01	22.14	25.15
2462	11.61	1.10	9.57	3.01	22.28	25.29	11.39	1.00	9.68	3.01	22.07	25.08

Sample Calculation:

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

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

Directional Gain = $10 \log ((10^{(ANT\ 0\ gain/20)} + 10^{(ANT\ 1\ gain/20)})^{2/2})$

Worst rate check (2412 MHz)

Rate [Mbps]	ANT 0						ANT 1						Total Result Power		Remark
	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Reading [dBm]	Result [mW]	Reading [dBm]	Result [mW]	
6	4.61	1.10	9.57	15.28	33.73	-	-	-	-	-	15.28	33.73	-	-	-
9	4.95	1.10	9.57	15.62	36.48	-	-	-	-	-	15.62	36.48	-	-	-
12	4.96	1.10	9.57	15.63	36.56	-	-	-	-	-	15.63	36.56	-	-	-
18	4.65	1.10	9.57	15.32	34.04	-	-	-	-	-	15.32	34.04	-	-	-
24	5.62	1.10	9.57	16.29	42.56	-	-	-	-	-	16.29	42.56	-	-	-
36	6.11	1.10	9.57	16.78	47.64	-	-	-	-	-	16.78	47.64	-	-	-
48	9.48	1.10	9.57	20.15	103.51	-	-	-	-	-	20.15	103.51	-	-	-
54	9.37	1.10	9.57	20.04	100.93	-	-	-	-	-	20.04	100.93	-	-	-
6	-	-	-	-	-	5.20	1.00	9.68	15.88	38.73	15.88	38.73	-	-	-
9	-	-	-	-	-	5.25	1.00	9.68	15.93	39.17	15.93	39.17	-	-	-
12	-	-	-	-	-	5.47	1.00	9.68	16.15	41.21	16.15	41.21	-	-	-
18	-	-	-	-	-	4.96	1.00	9.68	15.64	36.64	15.64	36.64	-	-	-
24	-	-	-	-	-	6.04	1.00	9.68	16.72	46.99	16.72	46.99	-	-	-
36	-	-	-	-	-	6.55	1.00	9.68	17.23	52.84	17.23	52.84	-	-	-
48	-	-	-	-	-	9.87	1.00	9.68	20.55	113.50	20.55	113.50	-	-	-
54	-	-	-	-	-	9.72	1.00	9.68	20.40	109.65	20.40	109.65	-	-	-
6	4.38	1.10	9.57	15.05	31.99	4.99	1.00	9.68	15.67	36.90	18.39	68.89	-	-	-
9	4.57	1.10	9.57	15.24	33.42	5.33	1.00	9.68	16.01	39.90	18.66	73.32	-	-	-
12	4.71	1.10	9.57	15.38	34.51	5.57	1.00	9.68	16.25	42.17	18.85	76.68	-	-	-
18	4.43	1.10	9.57	15.10	32.36	5.17	1.00	9.68	15.85	38.46	18.51	70.82	-	-	-
24	5.55	1.10	9.57	16.22	41.88	5.82	1.00	9.68	16.50	44.67	19.38	86.55	-	-	-
36	5.74	1.10	9.57	16.41	43.75	6.72	1.00	9.68	17.40	54.95	19.95	98.71	-	-	-
48	9.32	1.10	9.57	19.99	99.77	9.86	1.00	9.68	20.54	113.24	23.29	213.01	-	-	*
54	9.16	1.10	9.57	19.83	96.16	9.65	1.00	9.68	20.33	107.89	23.10	204.06	-	-	-

*Worst Rate

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

Maximum Peak Output Power

Mode	Tx 11n-20, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11n-20, CDD

ANT 0 + ANT 1

Tested Freq. [MHz]	Conducted power						e.i.r.p. for RSS-247					
	ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	169.04	178.24	347.28	25.41	30.00	4.59	338.06	356.45	694.52	28.42	36.02	7.60
2437	193.20	195.43	388.63	25.90	30.00	4.10	386.37	390.84	777.21	28.91	36.02	7.11
2462	167.11	168.66	335.76	25.27	30.00	4.73	334.20	337.29	671.48	28.28	36.02	7.74

Tested Freq. [MHz]	ANT 0						ANT 1					
	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	11.61	1.10	9.57	3.01	22.28	25.29	11.83	1.00	9.68	3.01	22.51	25.52
2437	12.19	1.10	9.57	3.01	22.86	25.87	12.23	1.00	9.68	3.01	22.91	25.92
2462	11.56	1.10	9.57	3.01	22.23	25.24	11.59	1.00	9.68	3.01	22.27	25.28

Sample Calculation:

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

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

Directional Gain = 10 log ((10*(ANT 0 gain/20)+10*(ANT 1 gain/20))^2/2)

Worst rate check (2412 MHz)

MCS Index	ANT 0						ANT 1						Total Result Power		Remark
	Reading	Cable Loss	Atten. Loss	Result		Reading	Cable Loss	Atten. Loss	Result						
	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]			
0	4.76	1.10	9.57	15.43	34.91	-	-	-	-	-	15.43	34.91	-		
1	4.49	1.10	9.57	15.16	32.81	-	-	-	-	-	15.16	32.81	-		
2	4.22	1.10	9.57	14.89	30.83	-	-	-	-	-	14.89	30.83	-		
3	4.76	1.10	9.57	15.43	34.91	-	-	-	-	-	15.43	34.91	-		
4	5.13	1.10	9.57	15.80	38.02	-	-	-	-	-	15.80	38.02	-		
5	9.53	1.10	9.57	20.20	104.71	-	-	-	-	-	20.20	104.71	-		
6	8.44	1.10	9.57	19.11	81.47	-	-	-	-	-	19.11	81.47	-		
7	8.63	1.10	9.57	19.30	85.11	-	-	-	-	-	19.30	85.11	-		
0	-	-	-	-	-	5.49	1.00	9.68	16.17	41.40	16.17	41.40	-		
1	-	-	-	-	-	5.53	1.00	9.68	16.21	41.78	16.21	41.78	-		
2	-	-	-	-	-	4.24	1.00	9.68	14.92	31.05	14.92	31.05	-		
3	-	-	-	-	-	5.24	1.00	9.68	15.92	39.08	15.92	39.08	-		
4	-	-	-	-	-	5.26	1.00	9.68	15.94	39.26	15.94	39.26	-		
5	-	-	-	-	-	9.75	1.00	9.68	20.43	110.41	20.43	110.41	-		
6	-	-	-	-	-	9.01	1.00	9.68	19.69	93.11	19.69	93.11	-		
7	-	-	-	-	-	9.18	1.00	9.68	19.86	96.83	19.86	96.83	-		
0	4.46	1.10	9.57	15.13	32.58	5.33	1.00	9.68	16.01	39.90	18.61	72.49	-		
1	4.52	1.10	9.57	15.19	33.04	4.67	1.00	9.68	15.35	34.28	18.29	67.31	-		
2	4.17	1.10	9.57	14.84	30.48	4.95	1.00	9.68	15.63	36.56	18.27	67.04	-		
3	4.31	1.10	9.57	14.98	31.48	5.37	1.00	9.68	16.05	40.27	18.56	71.75	-		
4	4.99	1.10	9.57	15.66	36.81	5.42	1.00	9.68	16.10	40.74	18.90	77.55	-		
5	9.73	1.10	9.57	20.40	109.65	10.16	1.00	9.68	20.84	121.34	23.64	230.99	*		
6	8.39	1.10	9.57	19.06	80.54	9.05	1.00	9.68	19.73	93.97	22.42	174.51	-		
7	8.55	1.10	9.57	19.22	83.56	9.12	1.00	9.68	19.80	95.50	22.53	179.06	-		
8	3.96	1.10	9.57	14.63	29.04	4.99	1.00	9.68	15.67	36.90	18.20	65.94	-		
9	4.14	1.10	9.57	14.81	30.27	5.29	1.00	9.68	15.97	39.54	18.44	69.81	-		
10	4.33	1.10	9.57	15.00	31.62	5.05	1.00	9.68	15.73	37.41	18.40	69.03	-		
11	4.37	1.10	9.57	15.04	31.92	5.22	1.00	9.68	15.90	38.90	18.51	70.82	-		
12	4.93	1.10	9.57	15.60	36.31	5.42	1.00	9.68	16.10	40.74	18.87	77.05	-		
13	8.51	1.10	9.57	19.18	82.79	9.21	1.00	9.68	19.89	97.50	22.56	180.29	-		
14	8.59	1.10	9.57	19.26	84.33	9.08	1.00	9.68	19.76	94.62	22.53	178.96	-		
15	8.15	1.10	9.57	18.82	76.21	8.65	1.00	9.68	19.33	85.70	22.10	161.91	-		

*Worst MCS

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDM), CDD				
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11ax-20(OFDM), CDD
ANT 0 + ANT 1

Tested Freq. [MHz]	Conducted power						e.i.r.p. for RSS-247					
	ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	69.34	138.36	207.70	23.18	30.00	6.82	138.68	276.69	415.37	26.19	36.02	9.83
2437	71.12	142.56	213.68	23.30	30.00	6.70	142.23	285.10	427.33	26.31	36.02	9.71
2462	68.71	140.60	209.31	23.21	30.00	6.79	137.40	281.19	418.59	26.22	36.02	9.80

Tested Freq. [MHz]	ANT 0						ANT 1					
	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	7.74	1.10	9.57	3.01	18.41	21.42	10.73	1.00	9.68	3.01	21.41	24.42
2437	7.85	1.10	9.57	3.01	18.52	21.53	10.86	1.00	9.68	3.01	21.54	24.55
2462	7.70	1.10	9.57	3.01	18.37	21.38	10.80	1.00	9.68	3.01	21.48	24.49

Sample Calculation:

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

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

Directional Gain = $10 \log ((10^{(ANT\ 0\ gain/20)} + 10^{(ANT\ 1\ gain/20)})^{2/2})$

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDM), CDD			
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

Worst rate check (2412 MHz)

MCS Index	Reading [dBm]	Cable Loss [dB]	ANT 0		Result [dBm] [mW]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	ANT 1		Result [dBm] [mW]	Total Result Power		Remark
			Atten. Loss [dB]	Result [dBm] [mW]					Atten. Loss [dB]	Result [dBm] [mW]		[dBm]	[mW]	
0 (1SS)	3.70	1.10	9.57	14.37 27.35	-	-	-	-	-	-	14.37 27.35	-	-	-
1 (1SS)	3.81	1.10	9.57	14.48 28.05	-	-	-	-	-	-	14.48 28.05	-	-	-
2 (1SS)	4.30	1.10	9.57	14.97 31.41	-	-	-	-	-	-	14.97 31.41	-	-	-
3 (1SS)	4.23	1.10	9.57	14.90 30.90	-	-	-	-	-	-	14.90 30.90	-	-	-
4 (1SS)	4.38	1.10	9.57	15.05 31.99	-	-	-	-	-	-	15.05 31.99	-	-	-
5 (1SS)	8.74	1.10	9.57	19.41 87.30	-	-	-	-	-	-	19.41 87.30	-	-	-
6 (1SS)	7.95	1.10	9.57	18.62 72.78	-	-	-	-	-	-	18.62 72.78	-	-	-
7 (1SS)	7.57	1.10	9.57	18.24 66.68	-	-	-	-	-	-	18.24 66.68	-	-	-
8 (1SS)	7.64	1.10	9.57	18.31 67.76	-	-	-	-	-	-	18.31 67.76	-	-	-
9 (1SS)	8.50	1.10	9.57	19.17 82.60	-	-	-	-	-	-	19.17 82.60	-	-	-
10(1SS)	8.72	1.10	9.57	19.39 86.90	-	-	-	-	-	-	19.39 86.90	-	-	-
11(1SS)	7.82	1.10	9.57	18.49 70.63	-	-	-	-	-	-	18.49 70.63	-	-	-
0 (1SS)	-	-	-	-	4.41	1.00	9.68	15.09	32.28	15.09	32.28	-	-	-
1 (1SS)	-	-	-	-	4.77	1.00	9.68	15.45	35.08	15.45	35.08	-	-	-
2 (1SS)	-	-	-	-	5.61	1.00	9.68	16.29	42.56	16.29	42.56	-	-	-
3 (1SS)	-	-	-	-	5.20	1.00	9.68	15.88	38.73	15.88	38.73	-	-	-
4 (1SS)	-	-	-	-	4.93	1.00	9.68	15.61	36.39	15.61	36.39	-	-	-
5 (1SS)	-	-	-	-	9.41	1.00	9.68	20.09	102.09	20.09	102.09	-	-	-
6 (1SS)	-	-	-	-	8.82	1.00	9.68	19.50	89.13	19.50	89.13	-	-	-
7 (1SS)	-	-	-	-	8.45	1.00	9.68	19.13	81.85	19.13	81.85	-	-	-
8 (1SS)	-	-	-	-	8.66	1.00	9.68	19.34	85.90	19.34	85.90	-	-	-
9 (1SS)	-	-	-	-	9.37	1.00	9.68	20.05	101.16	20.05	101.16	-	-	-
10(1SS)	-	-	-	-	9.40	1.00	9.68	20.08	101.86	20.08	101.86	-	-	-
11(1SS)	-	-	-	-	8.56	1.00	9.68	19.24	83.95	19.24	83.95	-	-	-
0 (1SS)	3.93	1.10	9.57	14.60 28.84	4.41	1.00	9.68	15.09	32.28	17.87	61.13	-	-	-
1 (1SS)	3.75	1.10	9.57	14.42 27.67	4.54	1.00	9.68	15.22	33.27	17.85	60.94	-	-	-
2 (1SS)	4.27	1.10	9.57	14.94 31.19	4.64	1.00	9.68	15.32	34.04	18.15	65.23	-	-	-
3 (1SS)	4.01	1.10	9.57	14.68 29.38	4.74	1.00	9.68	15.42	34.83	18.08	64.21	-	-	-
4 (1SS)	4.04	1.10	9.57	14.71 29.58	5.24	1.00	9.68	15.92	39.08	18.37	68.66	-	-	-
5 (1SS)	7.76	1.10	9.57	18.43 69.66	8.95	1.00	9.68	19.63	91.83	22.09	161.50	-	-	*
6 (1SS)	7.52	1.10	9.57	18.19 65.92	8.52	1.00	9.68	19.20	83.18	21.74	149.09	-	-	-
7 (1SS)	7.57	1.10	9.57	18.24 66.68	8.44	1.00	9.68	19.12	81.66	21.72	148.34	-	-	-
8 (1SS)	7.73	1.10	9.57	18.40 69.18	8.39	1.00	9.68	19.07	80.72	21.76	149.91	-	-	-
9 (1SS)	7.39	1.10	9.57	18.06 63.97	8.54	1.00	9.68	19.22	83.56	21.69	147.53	-	-	-
10 (1SS)	7.82	1.10	9.57	18.49 70.63	8.55	1.00	9.68	19.23	83.75	21.89	154.38	-	-	-
11 (1SS)	7.28	1.10	9.57	17.95 62.37	8.42	1.00	9.68	19.10	81.28	21.58	143.66	-	-	-
0 (2SS)	3.97	1.10	9.57	14.64 29.11	4.23	1.00	9.68	14.91	30.97	17.79	60.08	-	-	-
1 (2SS)	3.76	1.10	9.57	14.43 27.73	4.15	1.00	9.68	14.83	30.41	17.65	58.14	-	-	-
2 (2SS)	4.05	1.10	9.57	14.72 29.65	4.35	1.00	9.68	15.03	31.84	17.89	61.49	-	-	-
3 (2SS)	4.15	1.10	9.57	14.82 30.34	4.84	1.00	9.68	15.52	35.65	18.20	65.98	-	-	-
4 (2SS)	4.20	1.10	9.57	14.87 30.69	5.04	1.00	9.68	15.72	37.33	18.33	68.02	-	-	-
5 (2SS)	7.52	1.10	9.57	18.19 65.92	9.07	1.00	9.68	19.75	94.41	22.05	160.32	-	-	-
6 (2SS)	7.44	1.10	9.57	18.11 64.71	8.44	1.00	9.68	19.12	81.66	21.66	146.37	-	-	-
7 (2SS)	7.16	1.10	9.57	17.83 60.67	8.56	1.00	9.68	19.24	83.95	21.61	144.62	-	-	-
8 (2SS)	7.55	1.10	9.57	18.22 66.37	8.19	1.00	9.68	18.87	77.09	21.57	143.46	-	-	-
9 (2SS)	7.79	1.10	9.57	18.46 70.15	8.49	1.00	9.68	19.17	82.60	21.84	152.75	-	-	-
10(2SS)	7.86	1.10	9.57	18.53 71.29	8.48	1.00	9.68	19.16	82.41	21.87	153.70	-	-	-
11(2SS)	7.37	1.10	9.57	18.04 63.68	8.46	1.00	9.68	19.14	82.04	21.64	145.71	-	-	-

*Worst MCS

(* SS: Spatial Stream)

Sample Method:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA), 26-tone RU, CDD			
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq. [MHz]	RU Index	Conducted power						e.i.r.p. for RSS-247					
		Antenna		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
		ANT 0 [mW]	ANT 1 [mW]					ANT 0 [mW]	ANT 1 [mW]				
2412	0	39.45	47.21	86.65	19.38	30.00	10.62	78.89	94.41	173.30	22.39	36.02	13.63
2437	4	41.11	49.20	90.32	19.56	30.00	10.44	82.23	98.41	180.64	22.57	36.02	13.45
2462	8	41.98	47.32	89.29	19.51	30.00	10.49	83.95	94.63	178.58	22.52	36.02	13.50

Tested Freq. [MHz]	RU Index	ANT 0						ANT 1					
		Reading	Cable Loss	Atten. Loss	Directional Gain	Cond. Power	Result e.i.r.p.	Reading	Cable Loss	Atten. Loss	Directional Gain	Cond. Power	Result e.i.r.p.
		[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
2412	0	5.29	1.10	9.57	3.01	15.96	18.97	6.06	1.00	9.68	3.01	16.74	19.75
2437	4	5.47	1.10	9.57	3.01	16.14	19.15	6.24	1.00	9.68	3.01	16.92	19.93
2462	8	5.56	1.10	9.57	3.01	16.23	19.24	6.07	1.00	9.68	3.01	16.75	19.76

Sample Calculation:

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

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

Directional Gain = $10 \log ((10^{(ANT\ 0\ gain/20)} + 10^{(ANT\ 1\ gain/20)})^{2/2})$

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA), 52-tone RU, CDD			
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq. [MHz]	RU Index	Conducted power						e.i.r.p. for RSS-247					
		ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	37	78.16	83.75	161.92	22.10	30.00	7.90	156.33	167.51	323.83	25.11	36.02	10.91
2437	38	85.90	90.57	176.47	22.47	30.00	7.53	171.80	181.15	352.95	25.48	36.02	10.54
2462	40	78.52	83.95	162.47	22.11	30.00	7.89	157.05	167.89	324.94	25.12	36.02	10.90

Tested Freq. [MHz]	RU Index	ANT 0						ANT 1					
		Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	37	8.26	1.10	9.57	3.01	18.93	21.94	8.55	1.00	9.68	3.01	19.23	22.24
2437	38	8.67	1.10	9.57	3.01	19.34	22.35	8.89	1.00	9.68	3.01	19.57	22.58
2462	40	8.28	1.10	9.57	3.01	18.95	21.96	8.56	1.00	9.68	3.01	19.24	22.25

Sample Calculation:

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

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

Directional Gain = $10 \log ((10^{(ANT\ 0\ gain/20)} + 10^{(ANT\ 1\ gain/20)})^{2/2})$

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA), 106-tone RU, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq. [MHz]	RU Index	Conducted power						e.i.r.p. for RSS-247					
		Antenna ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	53	94.84	125.03	219.87	23.43	30.00	6.57	189.68	250.05	439.74	26.44	36.02	9.58
2437	53	100.46	130.92	231.38	23.65	30.00	6.35	200.92	261.84	462.76	26.66	36.02	9.36
2462	54	94.41	121.34	215.74	23.34	30.00	6.66	188.81	242.68	431.49	26.35	36.02	9.67

ANT 0								ANT 1					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	53	8.37	1.83	9.57	3.01	19.77	22.78	9.11	2.18	9.68	3.01	20.97	23.98
2437	53	8.62	1.83	9.57	3.01	20.02	23.03	9.31	2.18	9.68	3.01	21.17	24.18
2462	54	8.35	1.83	9.57	3.01	19.75	22.76	8.97	2.19	9.68	3.01	20.84	23.85

Sample Calculation:

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

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

Directional Gain = $10 \log ((10^{(ANT\ 0\ gain/20)} + 10^{(ANT\ 1\ gain/20)})^{2/2})$

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA), 242-tone RU, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq. [MHz]	RU Index	Conducted power						e.i.r.p. for RSS-247					
		Antenna ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT 0 [mW]	Antenna ANT 1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	61	88.72	107.15	195.87	22.92	30.00	7.08	177.43	214.30	391.74	25.93	36.02	10.09
2437	61	97.72	111.94	209.67	23.22	30.00	6.78	195.45	223.89	419.34	26.23	36.02	9.79
2462	61	102.33	118.30	220.63	23.44	30.00	6.56	204.66	236.61	441.27	26.45	36.02	9.57

Tested Freq. [MHz]	RU Index	ANT 0						ANT 1					
		Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	61	8.81	1.10	9.57	3.01	19.48	22.49	9.62	1.00	9.68	3.01	20.30	23.31
2437	61	9.23	1.10	9.57	3.01	19.90	22.91	9.81	1.00	9.68	3.01	20.49	23.50
2462	61	9.43	1.10	9.57	3.01	20.10	23.11	10.05	1.00	9.68	3.01	20.73	23.74

Sample Calculation:

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

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

Directional Gain = $10 \log ((10^{(ANT\ 0\ gain/20)} + 10^{(ANT\ 1\ gain/20)})^{2/2})$

Maximum Peak Output Power

Mode	Tx BT LE 1M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama

BT LE 1M-PHY

Antenna Port: ANT 0

Antenna Port: ANT 0				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]			[dBm]	[mW]			
2402	-6.24	2.27	9.68	5.71	3.73	30.00	1000.00	24.29	0.00	5.71	3.73	36.02	4000.00	30.31
2440	-6.11	2.28	9.68	5.85	3.85	30.00	1000.00	24.15	0.00	5.85	3.85	36.02	4000.00	30.17
2480	-6.95	2.29	9.68	5.02	3.18	30.00	1000.00	24.98	0.00	5.02	3.18	36.02	4000.00	31.00

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
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama

BT LE 2M-PHY

Antenna Port: ANT 0

Antenna Port: ANT 0				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]			[dBm]	[mW]	[dBm]	[mW]	
2402	-5.98	2.27	9.68	5.97	3.96	30.00	1000.00	24.03	0.00	5.97	3.96	36.02	4000.00	30.05
2440	-5.85	2.28	9.68	6.11	4.09	30.00	1000.00	23.89	0.00	6.11	4.09	36.02	4000.00	29.91
2480	-6.71	2.29	9.68	5.26	3.36	30.00	1000.00	24.74	0.00	5.26	3.36	36.02	4000.00	30.76

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
(Reference data)

Mode	Tx 11b
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Date	Test Place	Temperature	Humidity	Engineer
March 16, 2026	MR8	23 deg.C	38 %RH	Wataru Toriyama

11b

Antenna Port: ANT 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Conducted Power Result [dBm]	e.i.r.p. Result [dBm]
2412	5.09	1.10	9.57	0.00	15.76	15.76
2437	4.92	1.10	9.57	0.00	15.59	15.59
2462	5.04	1.10	9.57	0.00	15.71	15.71

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
(Reference data)

Mode	Tx 11g
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Date	Test Place	Temperature	Humidity	Engineer
March 16, 2026	MR8	23 deg.C	38 %RH	Wataru Toriyama

11g

Antenna Port: ANT 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Conducted Power Result [dBm]	e.i.r.p. Result [dBm]
2412	11.38	1.10	9.57	0.00	22.05	22.05
2437	11.75	1.10	9.57	0.00	22.42	22.42
2462	11.61	1.10	9.57	0.00	22.28	22.28

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

Maximum Peak Output Power (Reference data)

Mode	Tx 11n-20
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11n-20

Antenna Port: ANT 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Conducted Power Result [dBm]	e.i.r.p. Result [dBm]
2412	11.61	1.10	9.57	0.00	22.28	22.28
2437	12.19	1.10	9.57	0.00	22.86	22.86
2462	11.56	1.10	9.57	0.00	22.23	22.23

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 (Reference data)

Mode	Tx 11ax-20(OFDM)			
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11ax-20(OFDM)
Antenna Port: ANT 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Conducted Power Result [dBm]	e.i.r.p. Result [dBm]
2412	7.74	1.10	9.57	0.00	18.41	18.41
2437	7.85	1.10	9.57	0.00	18.52	18.52
2462	7.70	1.10	9.57	0.00	18.37	18.37

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

Maximum Peak Output Power (Reference data)

Mode	Tx 11ax-20(OFDMA), 26-tone RU			
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

11ax-20(OFDMA), 26-tone RU
Antenna Port: ANT 0

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Conducted Power Result [dBm]	e.i.r.p. Result [dBm]
2412	0	5.29	1.10	9.57	0.00	15.96	15.96
2437	4	5.47	1.10	9.57	0.00	16.14	16.14
2462	8	5.56	1.10	9.57	0.00	16.23	16.23

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 (Reference data)

Mode	Tx 11ax-20(OFDMA), 52-tone RU
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

11ax-20(OFDMA), 52-tone RU
Antenna Port: ANT 0

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Conducted Power Result [dBm]	e.i.r.p. Result [dBm]
2412	37	8.26	1.10	9.57	0.00	18.93	18.93
2437	38	8.67	1.10	9.57	0.00	19.34	19.34
2462	40	8.28	1.10	9.57	0.00	18.95	18.95

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 (Reference data)

Mode	Tx 11ax-20(OFDMA), 106-tone RU			
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

11ax-20(OFDMA), 106-tone RU
Antenna Port: ANT 0

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Conducted Power Result [dBm]	e.i.r.p. Result [dBm]
2412	53	8.37	1.83	9.57	0.00	19.77	19.77
2437	53	8.62	1.83	9.57	0.00	20.02	20.02
2462	54	8.35	1.83	9.57	0.00	19.75	19.75

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 (Reference data)

Mode	Tx 11ax-20(OFDMA), 242-tone RU			
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

11ax-20(OFDMA), 242-tone RU
Antenna Port: ANT 0

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Conducted Power Result [dBm]	e.i.r.p. Result [dBm]
2412	61	8.81	1.10	9.57	0.00	19.48	19.48
2437	61	9.23	1.10	9.57	0.00	19.90	19.90
2462	61	9.43	1.10	9.57	0.00	20.10	20.10

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

Average Output Power

Mode	Tx 11b, SISO
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Date	Test Place	Temperature	Humidity	Engineer
March 16, 2026	MR8	23 deg.C	38 %RH	Wataru Toriyama

11b, SISO

Antenna Port: ANT 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Target Power [dBm]	Setting Value
				[dBm]	[mW]		
2412	2.25	1.10	9.57	12.92	19.59	13	54
2437	2.14	1.10	9.57	12.81	19.10	13	54
2462	1.86	1.10	9.57	12.53	17.91	13	54

Antenna Port: ANT 1

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Target Power [dBm]	Setting Value
				[dBm]	[mW]		
2412	2.19	1.00	9.68	12.87	19.37	13	52
2437	1.85	1.00	9.68	12.53	17.91	13	52
2462	1.87	1.00	9.68	12.55	17.99	13	52

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, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 16, 2026	MR8	23 deg.C	38 %RH	Wataru Toriyama

11g, CDD

ANT 0 + ANT 1

Tested Freq.	ANT 0					ANT 1					Total		Target Power per Ant	Setting Value
	Reading	Cable Loss	Atten. Loss	Result		Reading	Cable Loss	Atten. Loss	Result		Result Power			
	[MHz]	[dBm]	[dB]	[dB]	[dBm] [mW]	[dBm]	[dB]	[dB]	[dBm] [mW]	[dBm]	[mW]			
2412	0.44	1.10	9.57	11.11	12.91	1.14	1.00	9.68	11.82	15.21	14.49	28.12	12	48
2437	0.47	1.10	9.57	11.14	13.00	1.08	1.00	9.68	11.76	15.00	14.48	28.00	12	49
2462	0.47	1.10	9.57	11.14	13.00	0.94	1.00	9.68	11.62	14.52	14.40	27.52	12	49

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

*) 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.

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

Average Output Power

Mode	Tx 11n-20, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 16, 2026	MR8	23 deg.C	38 %RH	Wataru Toriyama

11n-20, CDD

ANT 0 + ANT 1

Tested Freq.	ANT 0					ANT 1					Total		Target Power per Ant	Setting Value
	Reading	Cable Loss	Atten. Loss	Result		Reading	Cable Loss	Atten. Loss	Result		Result Power			
[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dBm]	
2412	-0.92	1.10	9.57	9.75	9.44	0.03	1.00	9.68	10.71	11.78	13.27	21.22	11	44
2437	-0.46	1.10	9.57	10.21	10.50	0.01	1.00	9.68	10.69	11.72	13.47	22.22	11	46
2462	-0.84	1.10	9.57	9.83	9.62	0.13	1.00	9.68	10.81	12.05	13.36	21.67	11	44

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

*) 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.

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

Average Output Power

Mode	Tx 11ax-20(OFDM), CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 16, 2026	MR8	23 deg.C	38 %RH	Wataru Toriyama

11ax-20(OFDM), CDD

ANT 0 + ANT 1

Tested Freq.	ANT 0					ANT 1					Total Result Power		Target Power per Ant	Setting Value
	Reading	Cable Loss	Atten. Loss	Result		Reading	Cable Loss	Atten. Loss	Result		[dBm]	[mW]		
	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]		
[MHz]	[dBm]					[dBm]					[dBm]			
2412	-1.41	1.10	9.57	9.26	8.43	-0.84	1.00	9.68	9.84	9.64	12.57	18.07	10	40
2437	-1.37	1.10	9.57	9.30	8.51	-0.85	1.00	9.68	9.83	9.62	12.59	18.13	10	41
2462	-1.30	1.10	9.57	9.37	8.65	-0.83	1.00	9.68	9.85	9.66	12.63	18.31	10	42

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

*) 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.

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, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	22 deg.C	37 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	ANT 0		Result		Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Total Result Power		Target Power per Ant [dBm]	Setting Value
				Atten. Loss [dB]									[dBm]	[mW]		
2412	0	-5.31	1.10	9.57		5.36	3.44	-4.80	1.00	9.68	5.88	3.87	8.64	7.31	6	21
2437	4	-5.41	1.10	9.57		5.26	3.36	-4.86	1.00	9.68	5.82	3.82	8.56	7.18	6	20
2462	8	-5.26	1.10	9.57		5.41	3.48	-4.95	1.00	9.68	5.73	3.74	8.59	7.22	6	23

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

*) 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.

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, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	22 deg.C	37 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	ANT 0		Result		Reading [dBm]	Cable Loss [dB]	ANT 1		Result		Total Result Power		Target Power per Ant [dBm]	Setting Value
				Atten. Loss [dB]						Atten. Loss [dB]				[dBm]	[mW]		
2412	37	-2.59	1.10	9.57		8.08	6.43	-2.07	1.00	9.68		8.61	7.26	11.37	13.69	9	32
2437	38	-2.67	1.10	9.57		8.00	6.31	-2.08	1.00	9.68		8.60	7.24	11.33	13.55	9	32
2462	40	-2.63	1.10	9.57		8.04	6.37	-2.10	1.00	9.68		8.58	7.21	11.33	13.58	9	33

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

*) 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.

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, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	22 deg.C	37 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	ANT 0			Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Total Result Power		Target Power per Ant [dBm]	Setting Value
				Atten. Loss [dB]	Result [dBm]	[mW]				Result [dBm]	[mW]	[dBm]	[mW]		
2412	53	-2.43	1.83	9.57	8.97	7.89	-2.00	2.18	9.68	9.86	9.68	12.45	17.57	10	32
2437	53	-2.53	1.83	9.57	8.87	7.71	-2.05	2.18	9.68	9.81	9.57	12.38	17.28	10	32
2462	54	-2.48	1.83	9.57	8.92	7.80	-2.11	2.19	9.68	9.76	9.46	12.38	17.26	10	33

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

*) 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.

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, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	22 deg.C	37 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	ANT 0		Result		Reading [dBm]	Cable Loss [dB]	ANT 1		Result		Total Result Power		Target Value per Ant [dBm]	Power Setting
				Atten. Loss [dB]						Atten. Loss [dB]				[dBm]	[mW]		
2412	61	-1.49	1.10	9.57		9.18	8.28	-0.86	1.00	9.68		9.82	9.59	12.53	17.87	10	36
2437	61	-1.50	1.10	9.57		9.17	8.26	-0.79	1.00	9.68		9.89	9.75	12.56	18.01	10	37
2462	61	-1.14	1.10	9.57		9.53	8.97	-0.82	1.00	9.68		9.86	9.68	12.71	18.66	10	38

Sample Calculation:

Each port Result = Reading + Cable Loss + Attenuator Loss

Total Result = ANT 0 Result + ANT 1 Result

*) 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.

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
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama

BT LE 1M-PHY
Antenna Port: ANT 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2402	-6.88	2.27	9.68	5.07	3.22
2440	-6.68	2.28	9.68	5.28	3.38
2480	-7.22	2.29	9.68	4.75	2.99

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
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama

BT LE 2M-PHY
Antenna Port: ANT 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2402	-6.91	2.27	9.68	5.04	3.20
2440	-6.81	2.28	9.68	5.15	3.28
2480	-7.39	2.29	9.68	4.58	2.88

Sample Calculation:

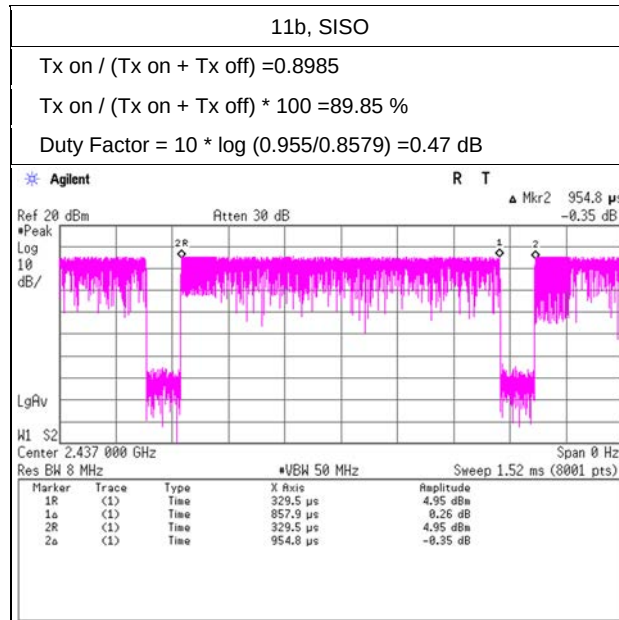
Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

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

Burst rate confirmation

Mode	Tx 11b, SISO			
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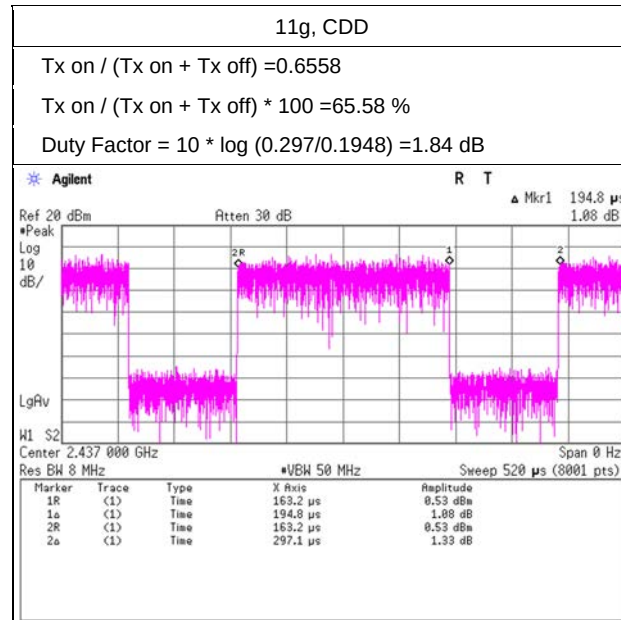
Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx 11g, CDD			
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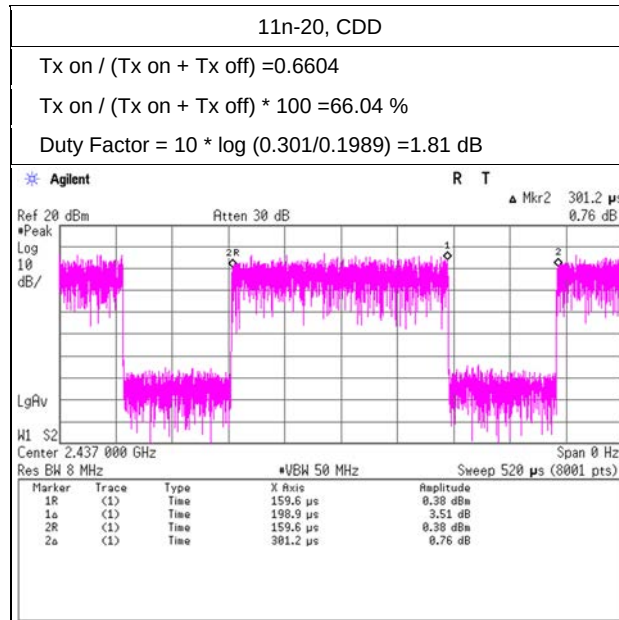
Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx 11n-20, CDD			
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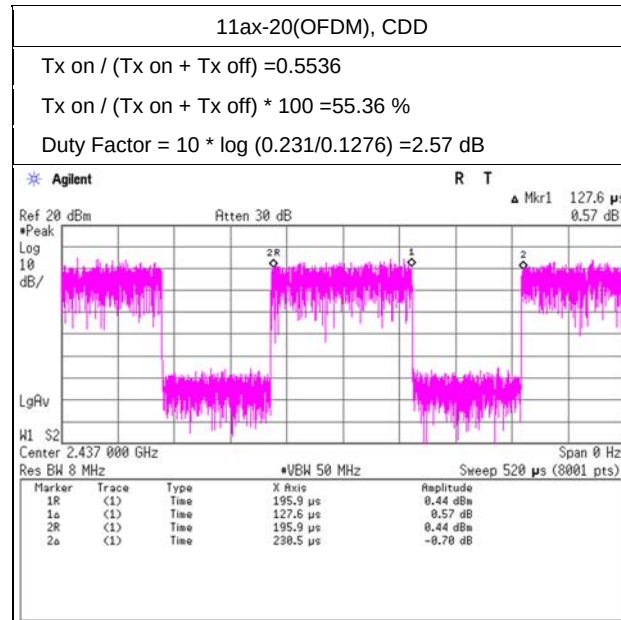
Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx 11ax-20(OFDM), CDD			
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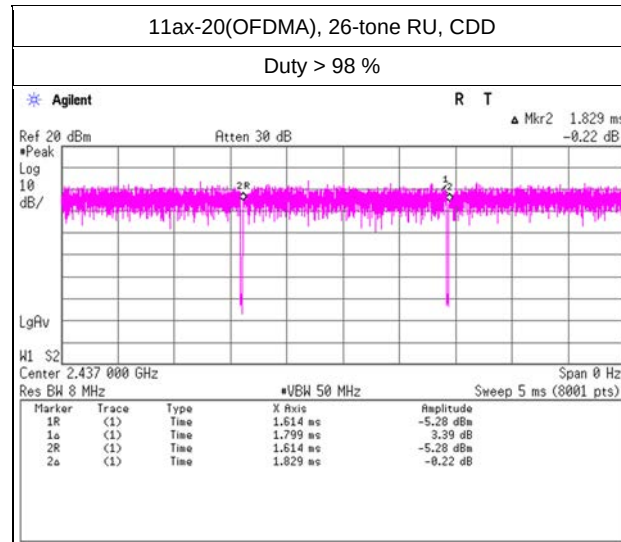
Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx 11ax-20(OFDMA), 26-tone RU, CDD			
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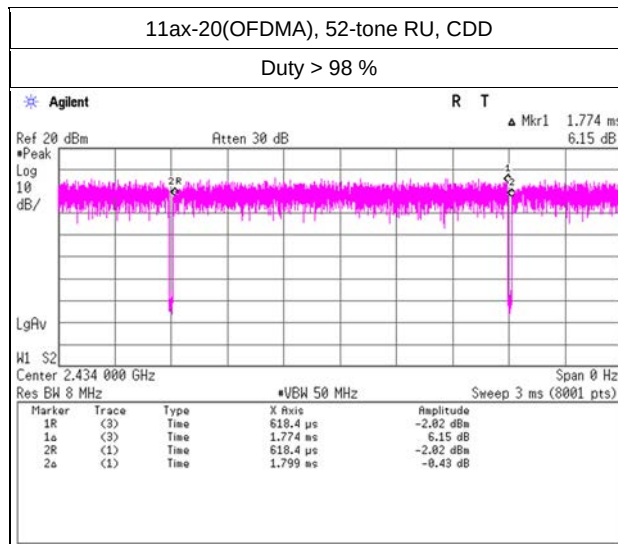
Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	22 deg.C	37 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx 11ax-20(OFDMA), 52-tone RU, CDD			
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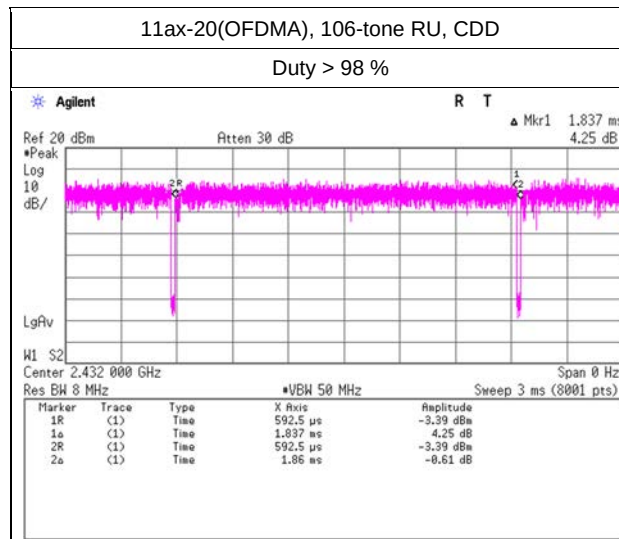
Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	22 deg.C	37 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx 11ax-20(OFDMA), 106-tone RU, CDD			
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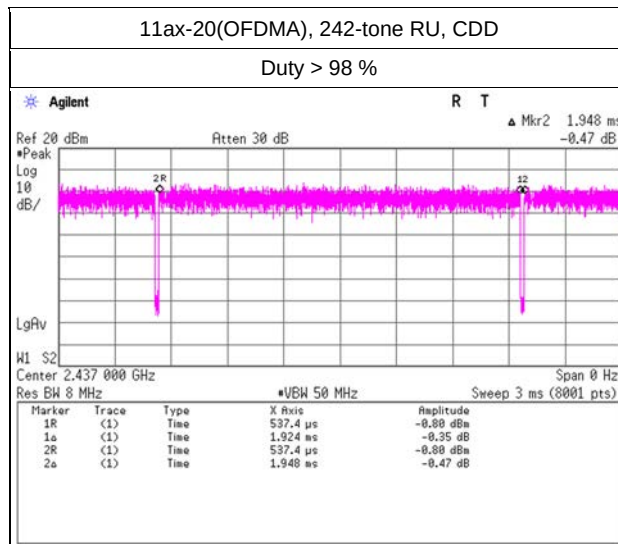
Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	22 deg.C	37 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx 11ax-20(OFDMA), 242-tone RU, CDD			
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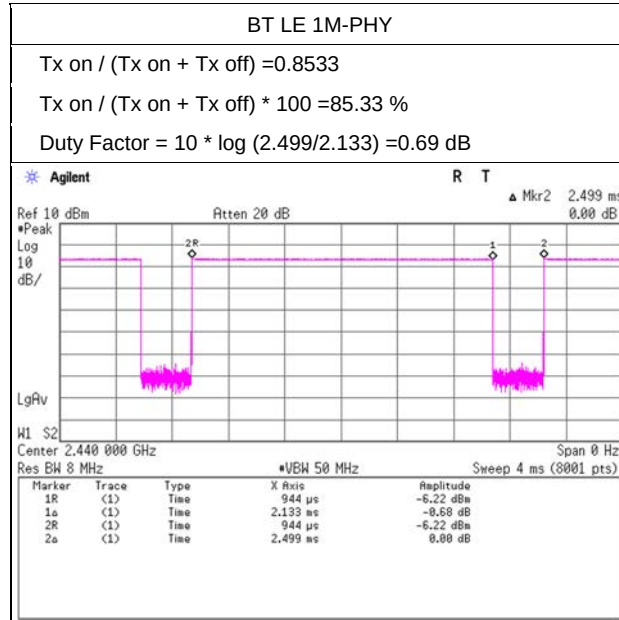
Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	22 deg.C	37 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx BT LE 1M-PHY			
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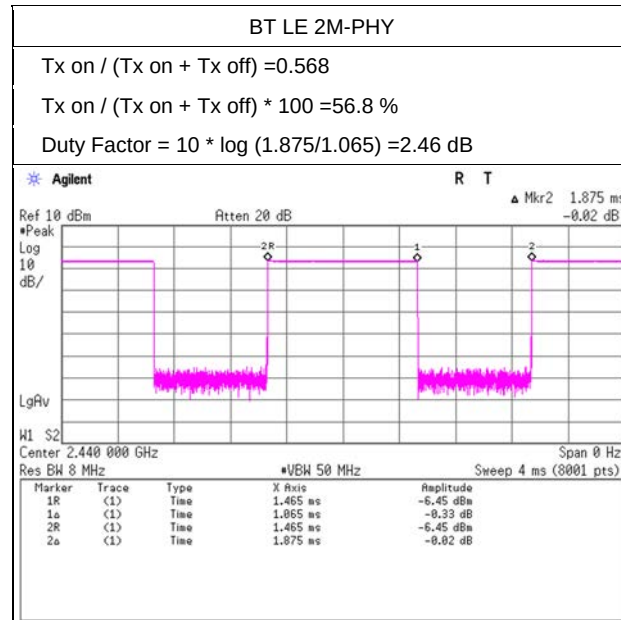
Date	Test Place	Temperature	Humidity	Engineer
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama



Burst rate confirmation

Mode	Tx BT LE 2M-PHY			
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Date	Test Place	Temperature	Humidity	Engineer
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama



Radiated Spurious Emission

Mode	Tx 11b 2412 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	52.9	43.6	27.6	3.0	33.0	0.5	50.5	41.6	73.9	53.9	23.4	12.3	*1)
Hori.	4824.0	44.2	35.0	31.6	5.2	32.5	-	48.5	39.3	73.9	53.9	25.4	14.6	Floor noise
Hori.	7236.0	44.9	35.5	35.9	6.3	32.4	-	54.7	45.3	73.9	53.9	19.2	8.6	Floor noise
Hori.	9648.0	45.1	34.8	38.9	7.2	33.1	-	58.0	47.8	73.9	53.9	15.9	6.1	Floor noise
Vert.	2390.0	49.5	39.6	27.6	3.0	33.0	0.5	47.0	37.7	73.9	53.9	26.9	16.3	*1)
Vert.	4824.0	43.4	35.0	31.6	5.2	32.5	-	47.7	39.3	73.9	53.9	26.2	14.6	Floor noise
Vert.	7236.0	44.0	35.4	35.9	6.3	32.4	-	53.8	45.3	73.9	53.9	20.1	8.6	Floor noise
Vert.	9648.0	44.1	34.8	38.9	7.2	33.1	-	57.0	47.8	73.9	53.9	16.9	6.1	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	107.0	27.5	3.0	33.0	104.5	-	-	Carrier
Hori.	2400.0	57.1	27.5	3.0	33.0	54.7	84.5	29.9	
Vert.	2412.0	100.4	27.5	3.0	33.0	97.9	-	-	Carrier
Vert.	2400.0	50.8	27.5	3.0	33.0	48.4	77.9	29.6	

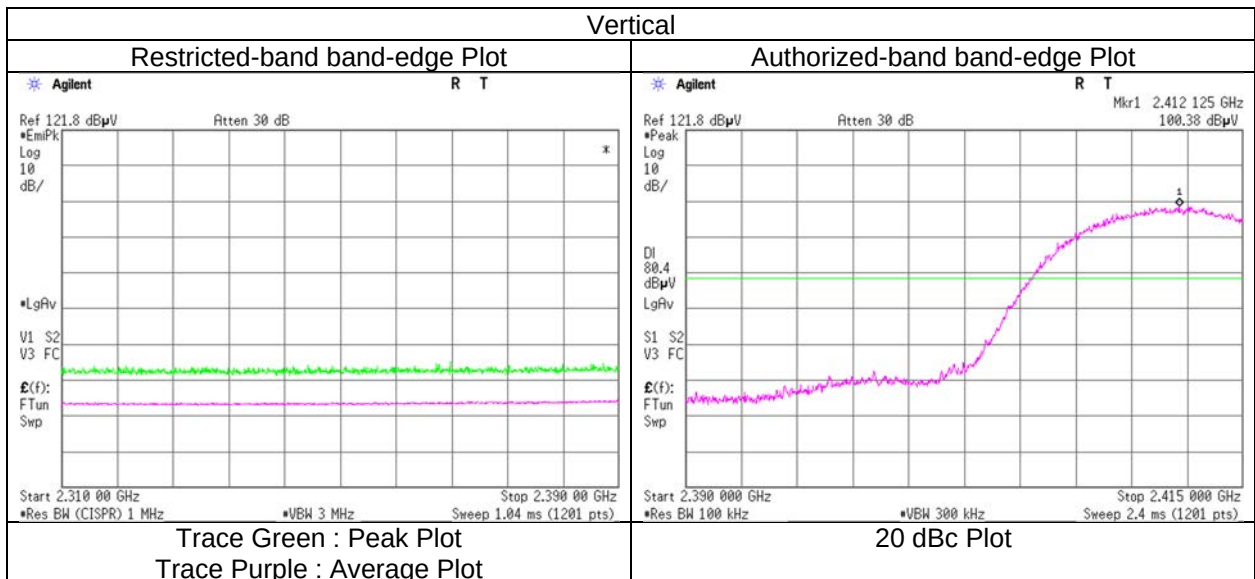
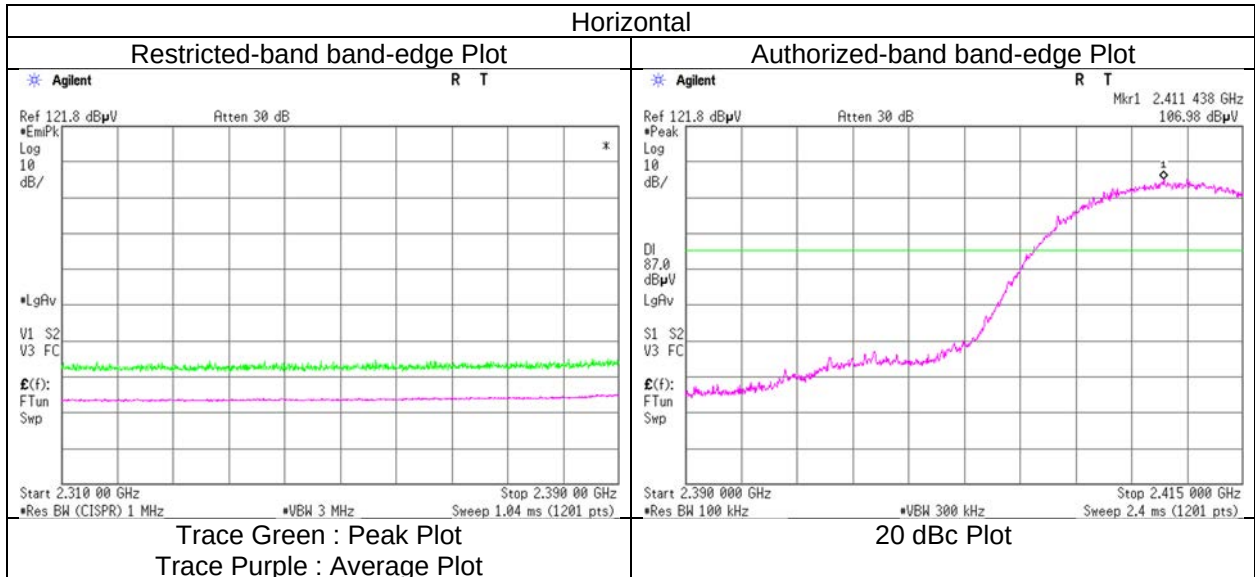
Result = Reading + Ant Factor + Loss (Cable+Attenuator+Filter+Distance factor(above 18 GHz)) - Gain(Amplifier)

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

Radiated Spurious Emission

Mode	Tx 11b 2412 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	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
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	4874.0	44.9	35.3	31.6	5.3	32.5	-	49.4	39.8	73.9	53.9	24.6	14.2	Floor noise
Hori.	7311.0	43.9	35.7	36.0	6.4	32.4	-	53.9	45.7	73.9	53.9	20.0	8.2	Floor noise
Hori.	9748.0	44.9	33.9	39.1	7.2	33.1	-	58.2	47.2	73.9	53.9	15.7	6.7	Floor noise
Vert.	4874.0	44.6	35.3	31.6	5.3	32.5	-	49.0	39.8	73.9	53.9	24.9	14.2	Floor noise
Vert.	7311.0	44.4	35.7	36.0	6.4	32.4	-	54.4	45.7	73.9	53.9	19.5	8.2	Floor noise
Vert.	9748.0	45.2	33.9	39.1	7.2	33.1	-	58.5	47.2	73.9	53.9	15.4	6.8	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
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	2483.5	54.0	44.6	27.4	3.1	33.0	0.5	51.6	42.6	73.9	53.9	22.3	11.3	*1)
Hori.	4924.0	44.2	35.3	31.7	5.3	32.5	-	48.7	39.8	73.9	53.9	25.2	14.1	Floor noise
Hori.	7386.0	45.7	35.6	36.1	6.4	32.4	-	55.8	45.6	73.9	53.9	18.1	8.3	Floor noise
Hori.	9848.0	44.4	34.1	39.2	7.3	33.1	-	57.8	47.5	73.9	53.9	16.1	6.4	Floor noise
Vert.	2483.5	49.2	40.0	27.4	3.1	33.0	0.5	46.8	38.0	73.9	53.9	27.1	15.9	*1)
Vert.	4924.0	44.9	35.3	31.7	5.3	32.5	-	49.4	39.8	73.9	53.9	24.5	14.1	Floor noise
Vert.	7386.0	44.9	35.6	36.1	6.4	32.4	-	54.9	45.6	73.9	53.9	19.0	8.3	Floor noise
Vert.	9848.0	44.2	34.1	39.2	7.3	33.1	-	57.5	47.5	73.9	53.9	16.4	6.5	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).

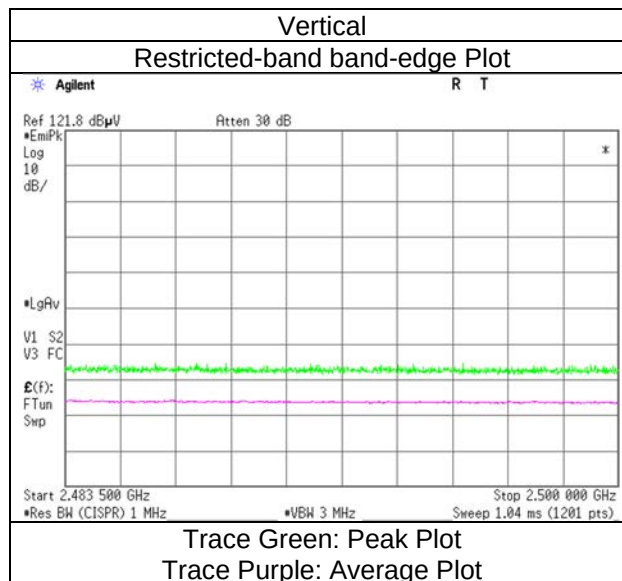
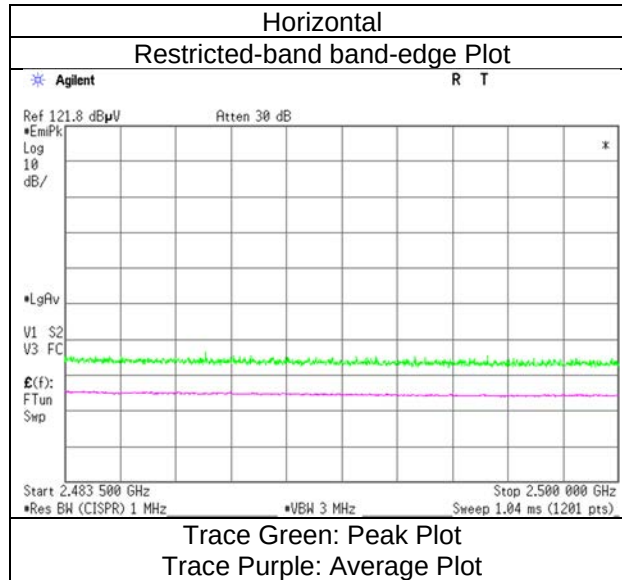
*QP detector was used up to 1GHz.

*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 11b 2462 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	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
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	59.0	46.3	27.6	3.0	33.0	1.8	56.5	45.6	73.9	53.9	17.4	8.3	*1)
Hori.	4824.0	45.0	35.0	31.6	5.2	32.5	-	49.3	39.3	73.9	53.9	24.6	14.6	Floor noise
Hori.	7236.0	45.2	35.5	35.9	6.3	32.4	-	55.1	45.3	73.9	53.9	18.8	8.6	Floor noise
Hori.	9648.0	45.2	34.9	38.9	7.2	33.1	-	58.2	47.8	73.9	53.9	15.7	6.1	Floor noise
Vert.	2390.0	56.4	42.3	27.6	3.0	33.0	1.8	53.9	41.7	73.9	53.9	20.0	12.3	*1)
Vert.	4824.0	44.6	35.0	31.6	5.2	32.5	-	48.9	39.3	73.9	53.9	25.0	14.6	Floor noise
Vert.	7236.0	44.3	35.5	35.9	6.3	32.4	-	54.2	45.3	73.9	53.9	19.7	8.6	Floor noise
Vert.	9648.0	45.3	34.9	38.9	7.2	33.1	-	58.2	47.8	73.9	53.9	15.7	6.1	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

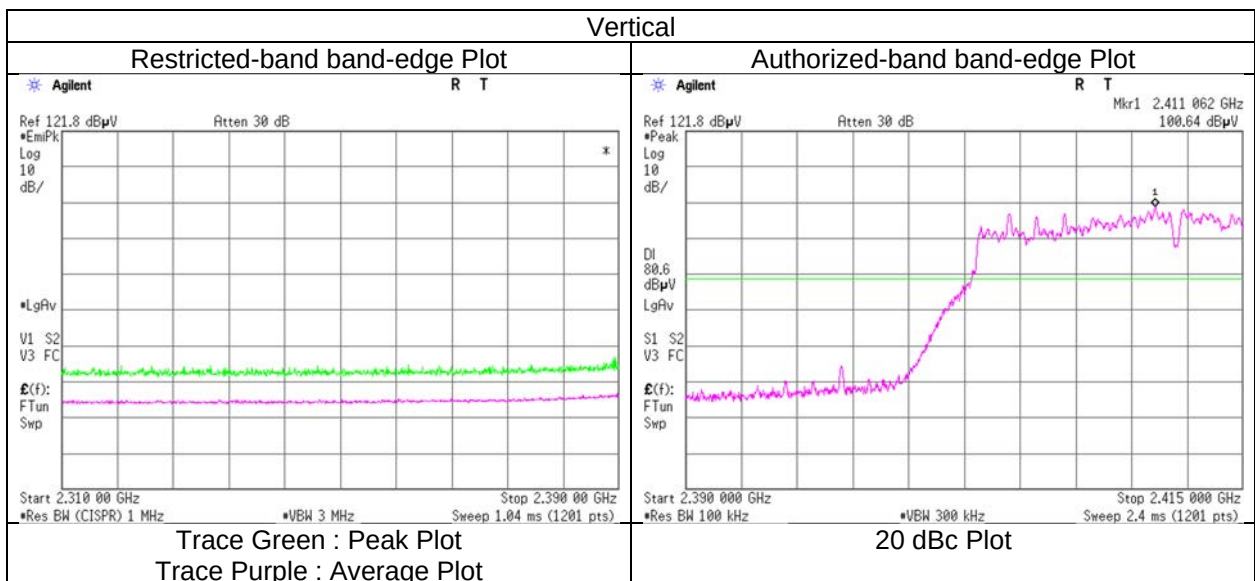
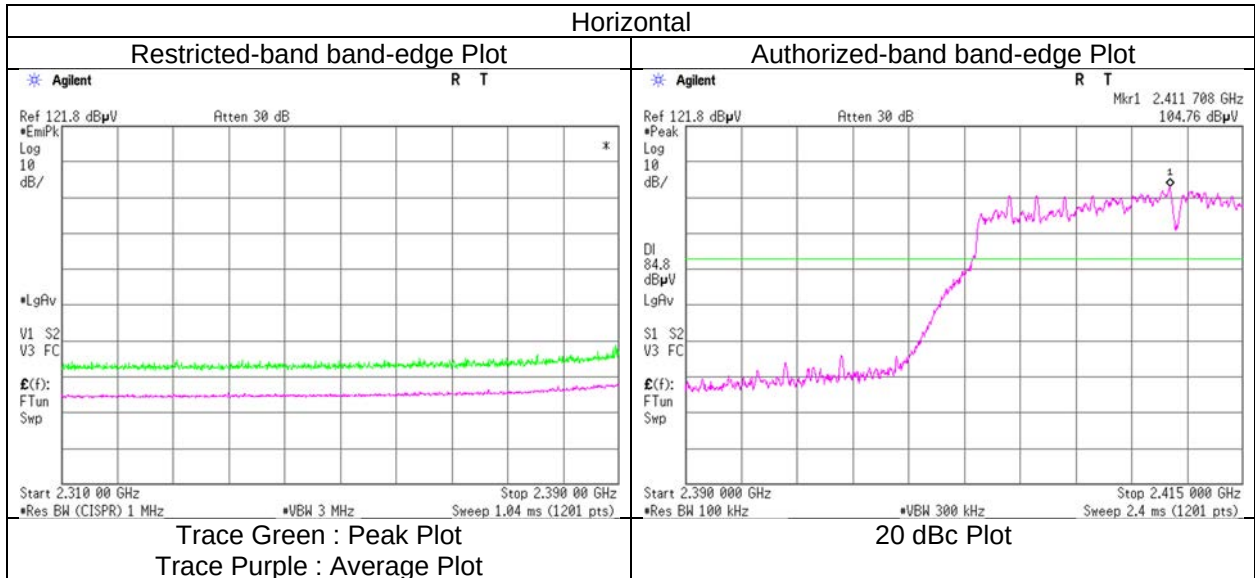
Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	104.8	27.5	3.0	33.0	102.3	-	-	Carrier
Hori.	2400.0	58.4	27.5	3.0	33.0	56.0	82.3	26.3	
Vert.	2412.0	100.6	27.5	3.0	33.0	98.2	-	-	Carrier
Vert.	2400.0	53.6	27.5	3.0	33.0	51.2	78.2	27.0	

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 11n-20 2412 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	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
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz
May 19, 2026	SAC2	23 deg. C	55 % RH	Yuta Moriya	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.	33.6	21.3	-	17.4	6.8	28.6	-	17.0	-	40.0	-	23.0	-	
Hori.	63.1	21.4	-	7.3	7.1	28.5	-	7.3	-	40.0	-	32.7	-	
Hori.	74.5	21.5	-	6.5	7.3	28.5	-	6.7	-	40.0	-	33.3	-	
Hori.	113.4	21.5	-	12.2	7.6	28.4	-	12.9	-	43.5	-	30.7	-	
Hori.	603.0	21.8	-	19.3	10.3	29.3	-	22.1	-	46.0	-	23.9	-	
Hori.	895.1	21.4	-	22.0	11.3	28.9	-	25.8	-	46.0	-	20.2	-	
Hori.	4874.0	44.6	35.3	31.6	5.3	32.5	-	49.0	39.7	73.9	53.9	24.9	14.2	Floor noise
Hori.	7311.0	44.0	35.7	36.0	6.4	32.4	-	53.9	45.7	73.9	53.9	20.0	8.2	Floor noise
Hori.	9748.0	44.7	33.9	39.1	7.2	33.1	-	58.0	47.2	73.9	53.9	15.9	6.8	Floor noise
Vert.	33.6	23.5	-	17.4	6.8	28.6	-	19.2	-	40.0	-	20.8	-	
Vert.	63.1	24.6	-	7.3	7.1	28.5	-	10.5	-	40.0	-	29.5	-	
Vert.	74.5	24.4	-	6.5	7.3	28.5	-	9.6	-	40.0	-	30.4	-	
Vert.	113.4	26.7	-	12.2	7.6	28.4	-	18.1	-	43.5	-	25.4	-	
Vert.	603.0	21.8	-	19.3	10.3	29.3	-	22.1	-	46.0	-	23.9	-	
Vert.	895.1	21.6	-	22.0	11.3	28.9	-	26.0	-	46.0	-	20.0	-	
Vert.	4874.0	45.2	35.3	31.6	5.3	32.5	-	49.5	39.7	73.9	53.9	24.4	14.2	Floor noise
Vert.	7311.0	44.7	35.8	36.0	6.4	32.4	-	54.6	45.7	73.9	53.9	19.3	8.2	Floor noise
Vert.	9748.0	44.8	33.9	39.1	7.2	33.1	-	58.0	47.1	73.9	53.9	15.9	6.8	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
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	2483.5	64.5	48.5	27.4	3.1	33.0	1.8	62.1	47.8	73.9	53.9	11.8	6.1	*1)
Hori.	4924.0	44.0	35.3	31.7	5.3	32.5	-	48.5	39.8	73.9	53.9	25.4	14.1	Floor noise
Hori.	7386.0	45.8	35.5	36.1	6.4	32.4	-	55.8	45.6	73.9	53.9	18.1	8.3	Floor noise
Hori.	9848.0	44.5	34.1	39.2	7.3	33.1	-	57.8	47.5	73.9	53.9	16.1	6.4	Floor noise
Vert.	2483.5	58.9	43.1	27.4	3.1	33.0	1.8	56.4	42.4	73.9	53.9	17.5	11.5	*1)
Vert.	4924.0	44.9	35.3	31.7	5.3	32.5	-	49.3	39.8	73.9	53.9	24.6	14.1	Floor noise
Vert.	7386.0	44.3	35.6	36.1	6.4	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Vert.	9848.0	44.2	34.1	39.2	7.3	33.1	-	57.6	47.5	73.9	53.9	16.3	6.4	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).

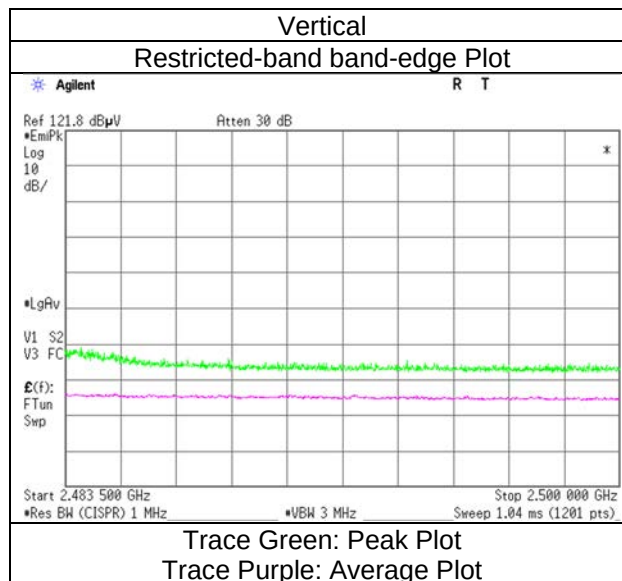
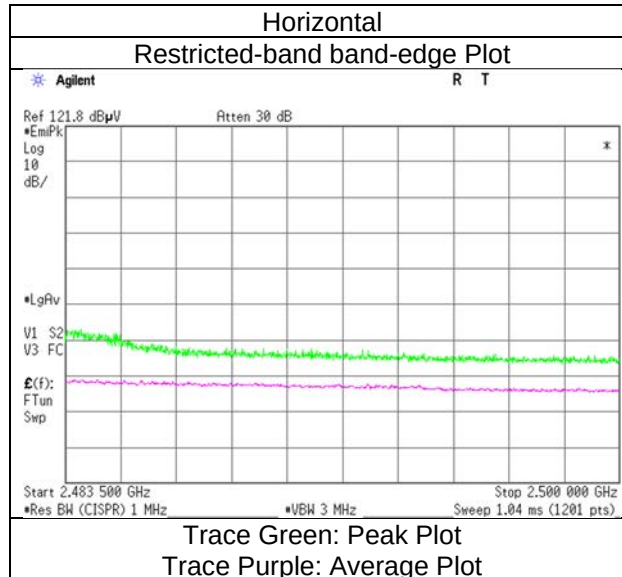
*QP detector was used up to 1GHz.

*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 11n-20 2462 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	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(OFDM) 2412 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	61.0	46.6	27.6	3.0	33.0	2.6	58.6	46.7	73.9	53.9	15.4	7.2	*1)
Hori.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Hori.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Hori.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Vert.	2390.0	51.4	40.3	27.6	3.0	33.0	2.6	48.9	40.5	73.9	53.9	25.0	13.5	*1)
Vert.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Vert.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Vert.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	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

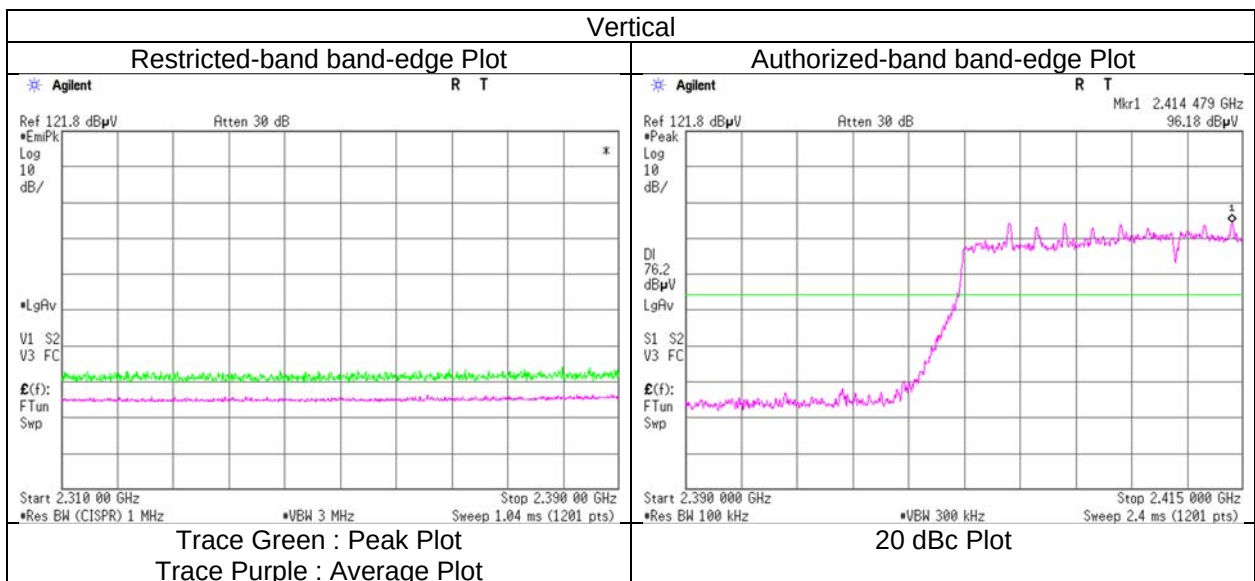
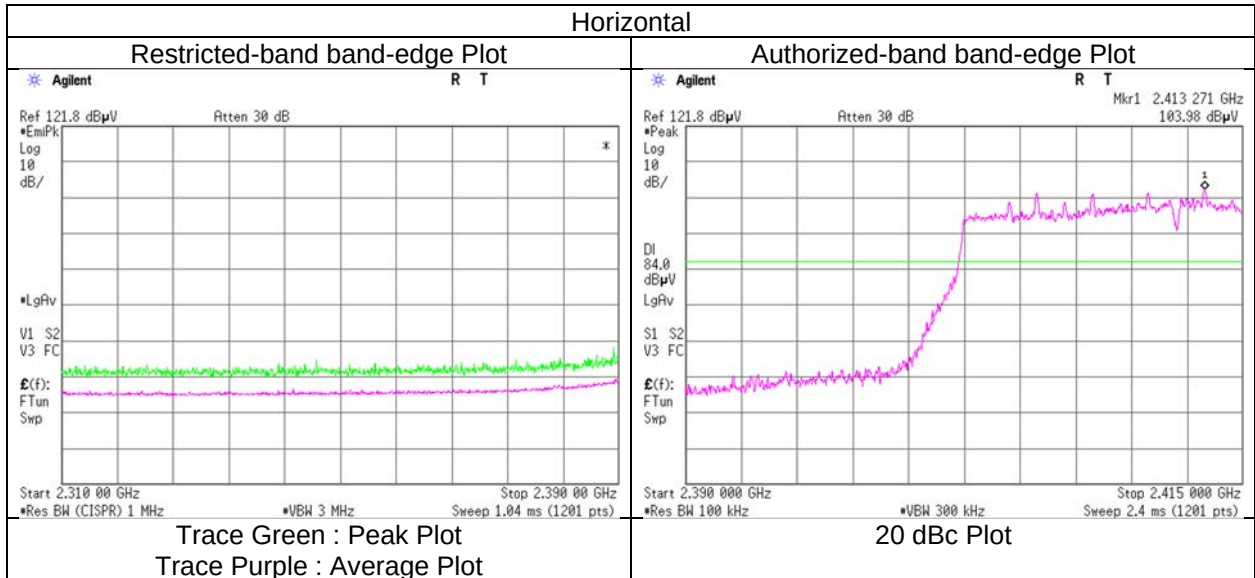
Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	104.0	27.5	3.0	33.0	101.5	-	-	Carrier
Hori.	2400.0	56.4	27.5	3.0	33.0	54.0	81.5	27.6	
Vert.	2412.0	96.2	27.5	3.0	33.0	93.7	-	-	Carrier
Vert.	2400.0	50.1	27.5	3.0	33.0	47.7	73.7	26.1	

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(OFDM) 2412 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDM) 2437 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Hori.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Hori.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	Floor noise
Vert.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Vert.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Vert.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	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

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDM) 2462 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2483.5	63.3	48.4	27.4	3.1	33.0	2.6	60.8	48.5	73.9	53.9	13.1	5.4	*1)
Hori.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Hori.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Hori.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	Floor noise
Vert.	2483.5	56.7	42.3	27.4	3.1	33.0	2.6	54.2	42.4	73.9	53.9	19.7	11.5	*1)
Vert.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Vert.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Vert.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	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).

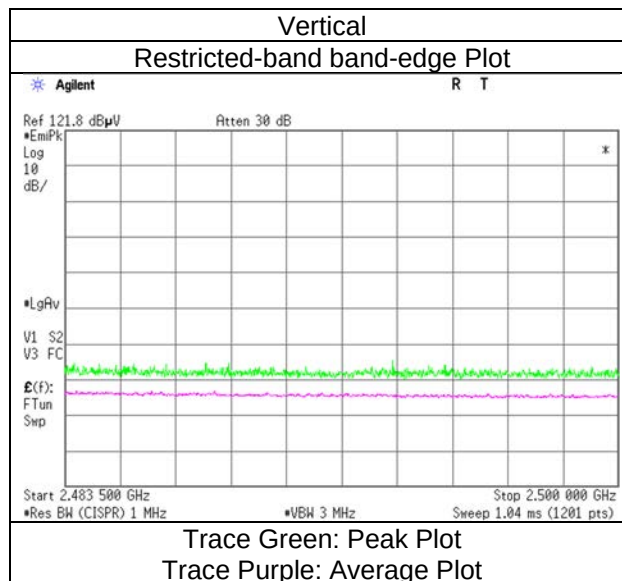
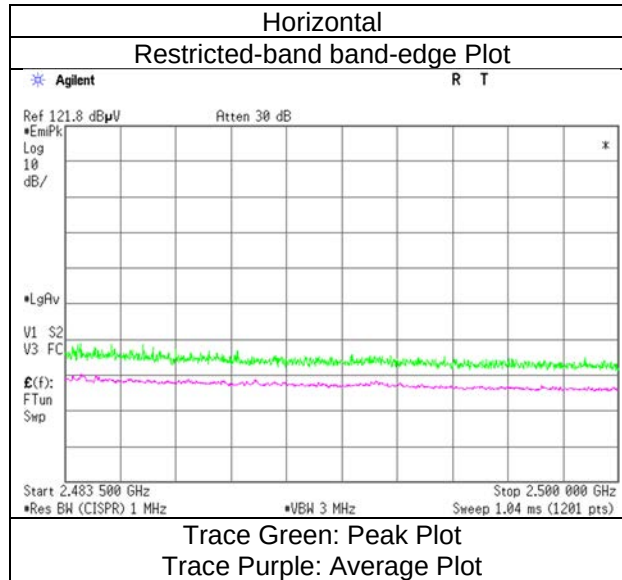
*QP detector was used up to 1GHz.

*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 11ax-20 2462 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDMA) 2412 MHz, 26-tone RU, index 0
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	51.4	40.7	27.6	3.0	33.0	-	49.0	38.2	73.9	53.9	25.0	15.7	*1)
Hori.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Hori.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Hori.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Vert.	2390.0	48.4	37.4	27.6	3.0	33.0	-	45.9	34.9	73.9	53.9	28.0	19.0	*1)
Vert.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Vert.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Vert.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	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

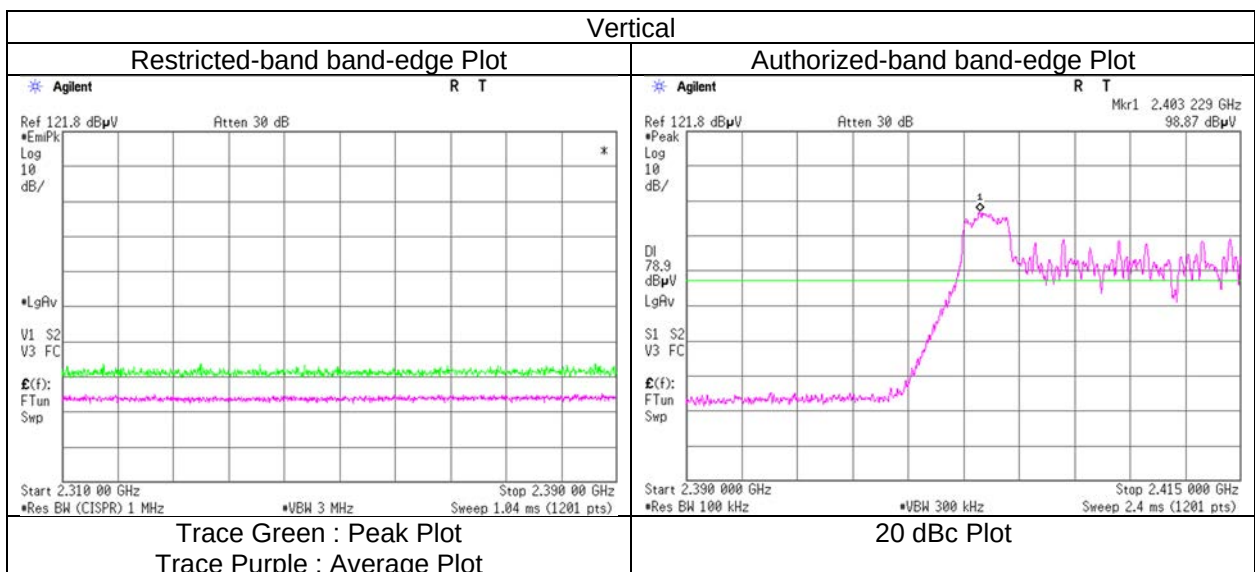
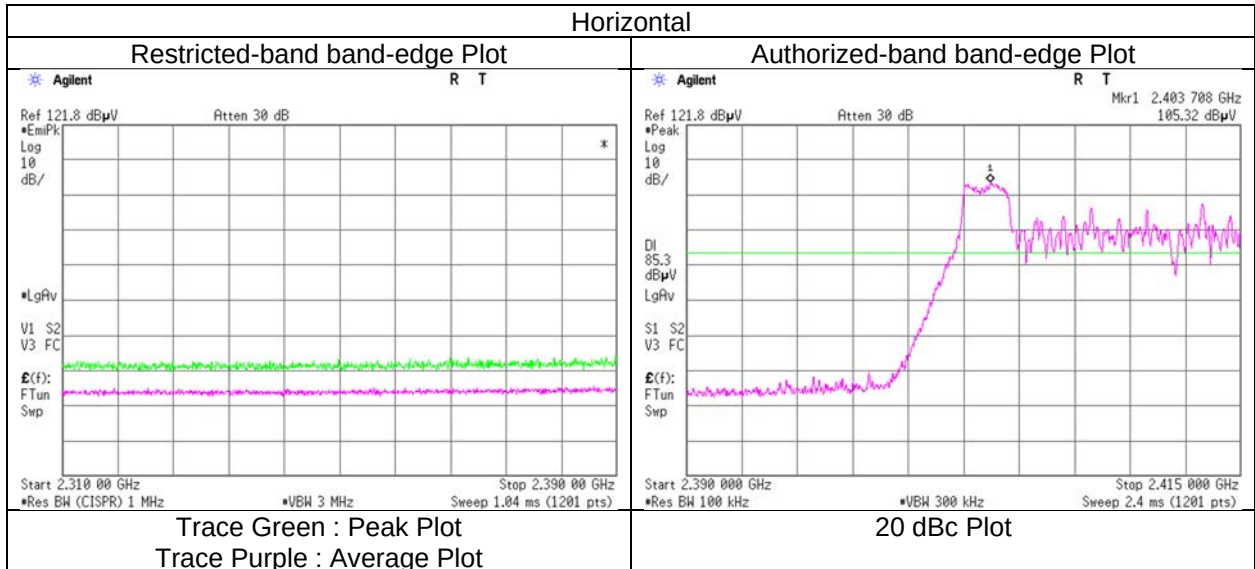
Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	105.3	27.5	3.0	33.0	102.9	-	-	Carrier
Hori.	2400.0	57.9	27.5	3.0	33.0	55.4	82.9	27.4	
Vert.	2412.0	98.9	27.5	3.0	33.0	96.4	-	-	Carrier
Vert.	2400.0	51.7	27.5	3.0	33.0	49.3	76.4	27.1	

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(OFDMA) 2412 MHz, 26-tone RU, index 0				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDMA) 2437 MHz, 26-tone RU, index 4
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Hori.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Hori.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	Floor noise
Vert.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Vert.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Vert.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	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.

Distance factor: 18 GHz - 26.5 GHz $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA) 2462 MHz, 26-tone RU, index 8
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	2483.5	60.1	44.6	27.4	3.1	33.0	-	57.6	42.1	73.9	53.9	16.3	11.8	*1)
Hori.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Hori.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Hori.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	Floor noise
Vert.	2483.5	51.8	38.6	27.4	3.1	33.0	-	49.4	36.1	73.9	53.9	24.5	17.8	*1)
Vert.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Vert.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Vert.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	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).

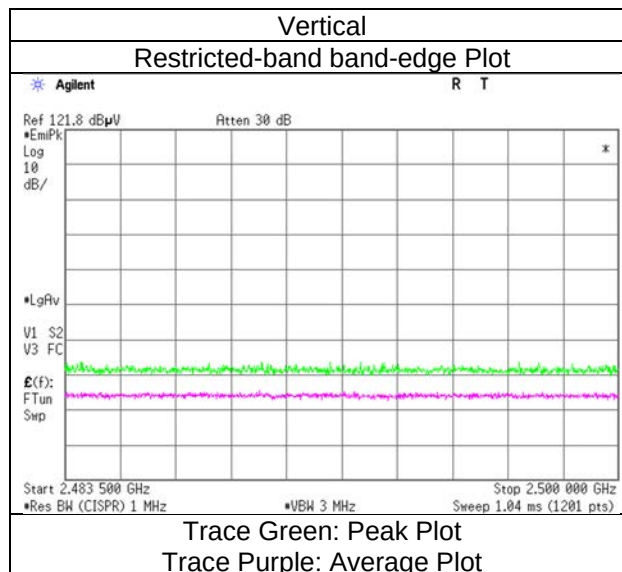
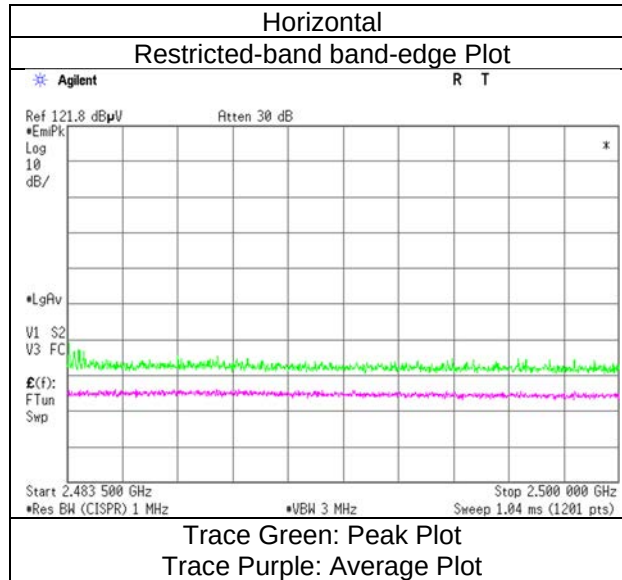
*QP detector was used up to 1GHz.

*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 11ax-20(OFDMA) 2462 MHz, 26-tone RU, index 8				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDMA) 2412 MHz, 52-tone RU, index 37
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	54.3	43.5	27.6	3.0	33.0	-	51.8	41.1	73.9	53.9	22.1	12.8	*1)
Hori.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Hori.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Hori.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Vert.	2390.0	53.3	39.2	27.6	3.0	33.0	-	50.8	36.8	73.9	53.9	23.1	17.1	*1)
Vert.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Vert.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Vert.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	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

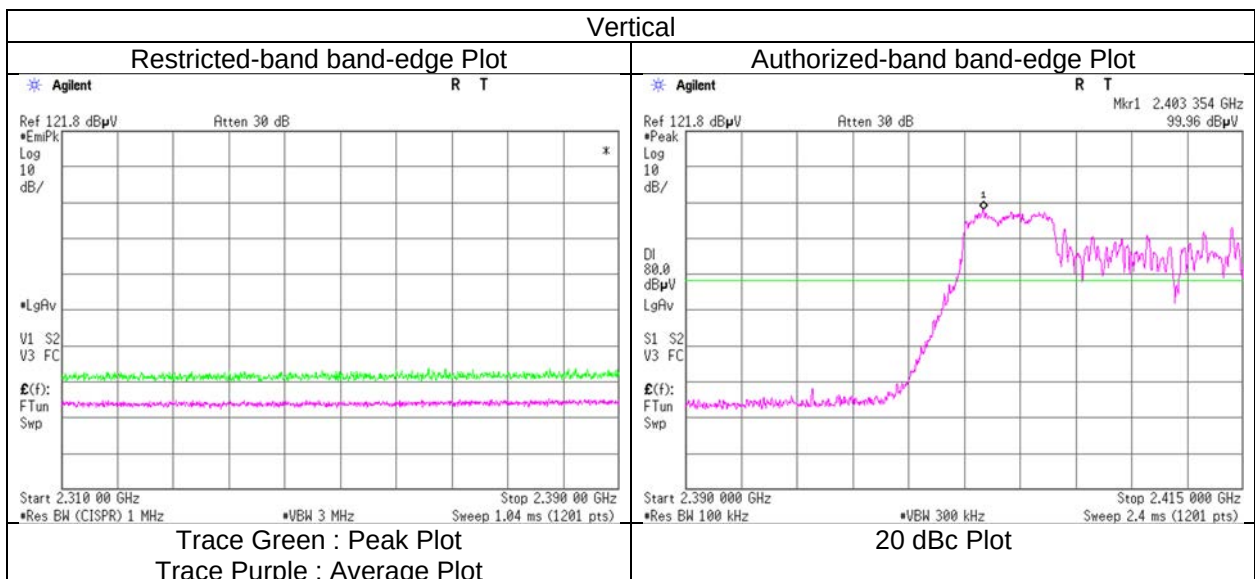
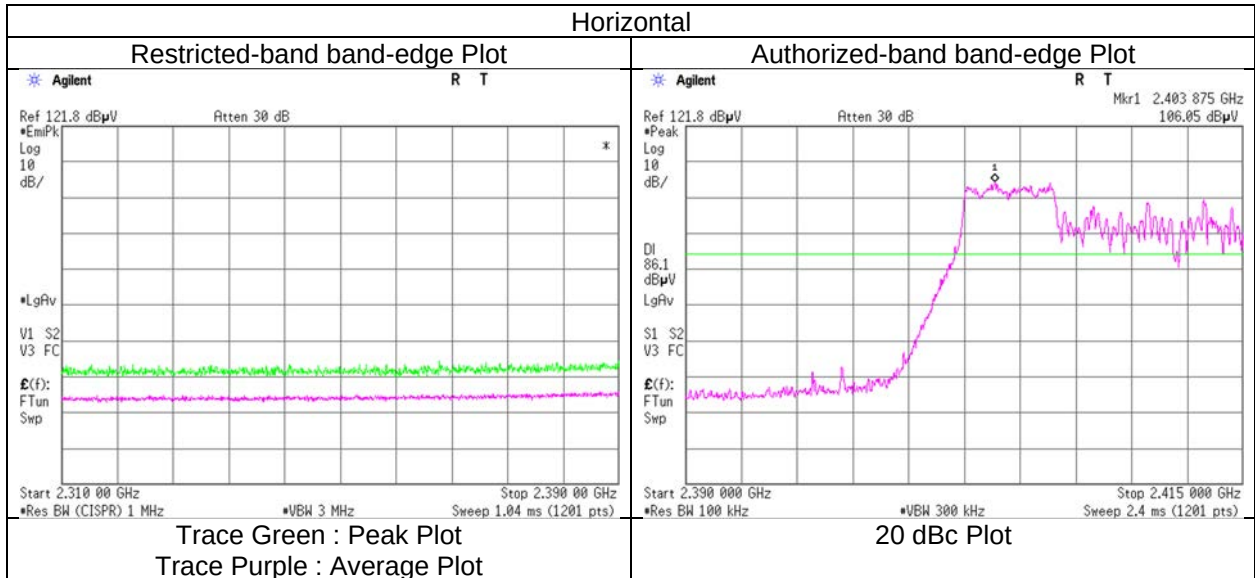
Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	106.1	27.5	3.0	33.0	103.6	-	-	Carrier
Hori.	2400.0	60.6	27.5	3.0	33.0	58.1	83.6	25.5	
Vert.	2412.0	100.0	27.5	3.0	33.0	97.5	-	-	Carrier
Vert.	2400.0	54.8	27.5	3.0	33.0	52.3	77.5	25.2	

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 11ax-20(OFDMA) 2412 MHz, 52-tone RU, index 37				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDMA) 2437 MHz, 52-tone RU, index 38
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Hori.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Hori.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	Floor noise
Vert.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Vert.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Vert.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	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.

Distance factor: 18 GHz - 26.5 GHz $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA) 2462 MHz, 52-tone RU, index 40
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2483.5	59.5	46.2	27.4	3.1	33.0	-	57.1	43.7	73.9	53.9	16.8	10.2	*1)
Hori.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Hori.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Hori.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	Floor noise
Vert.	2483.5	53.0	40.7	27.4	3.1	33.0	-	50.5	38.3	73.9	53.9	23.4	15.7	*1)
Vert.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Vert.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Vert.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	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).

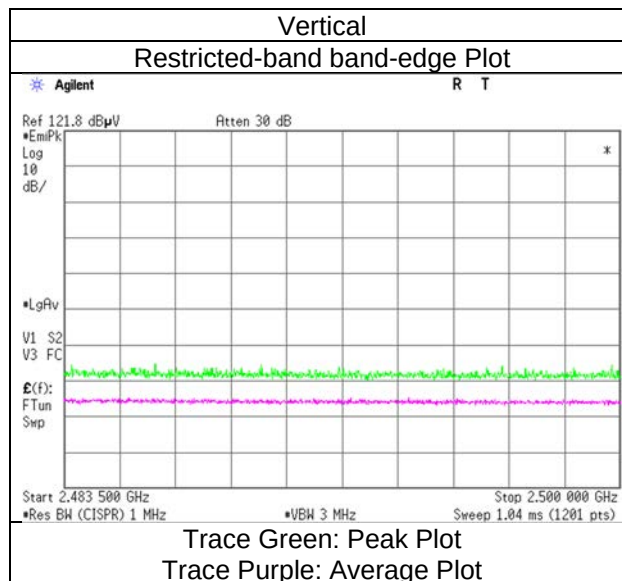
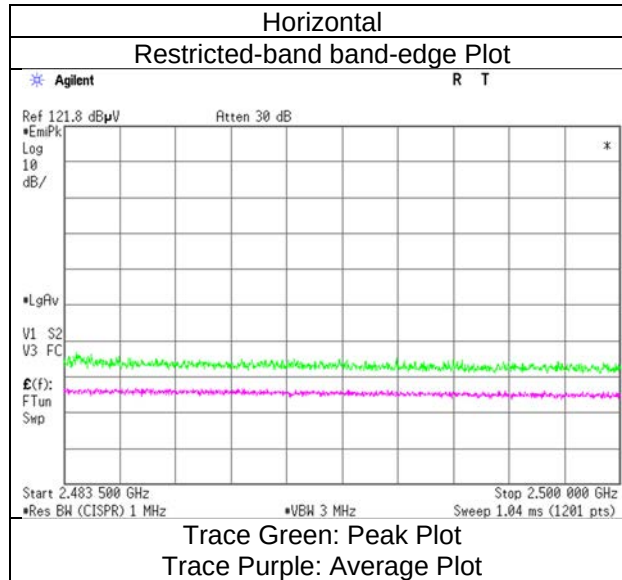
*QP detector was used up to 1GHz.

*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 11ax-20(OFDMA) 2462 MHz, 52-tone RU, index 40				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDMA) 2412 MHz, 106-tone RU, index 53
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	55.2	44.5	27.6	3.0	33.0	-	52.8	42.1	73.9	53.9	21.1	11.8	
Hori.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Hori.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Hori.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Vert.	2390.0	48.6	39.2	27.6	3.0	33.0	-	46.2	36.7	73.9	53.9	27.7	17.2	
Vert.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Vert.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Vert.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	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

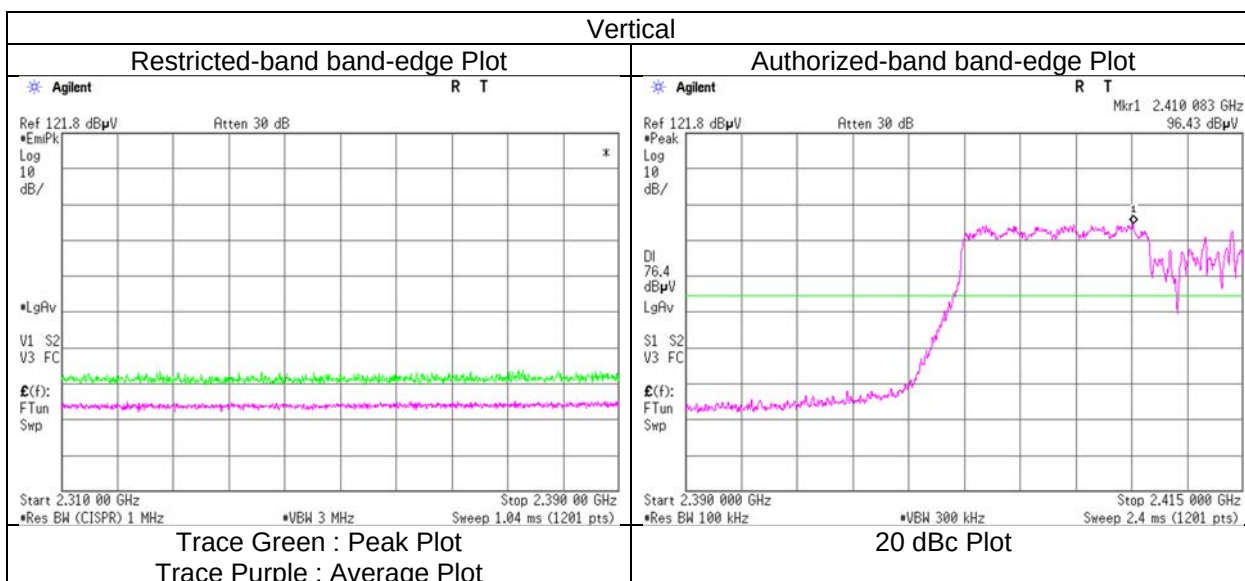
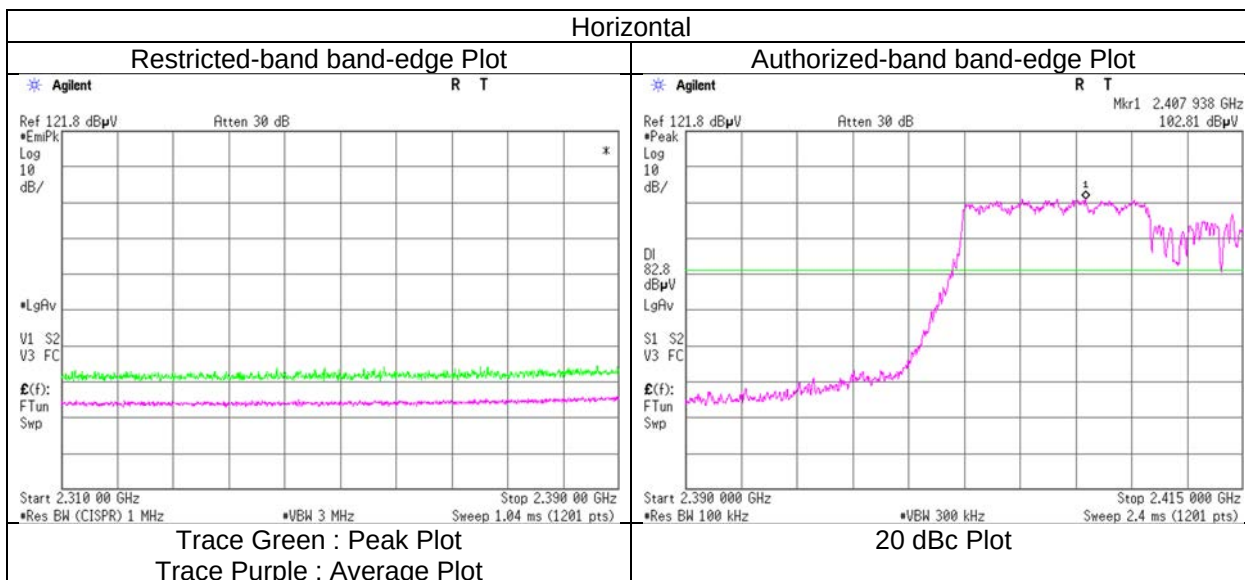
Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	102.8	27.5	3.0	33.0	100.4	-	-	Carrier
Hori.	2400.0	60.9	27.5	3.0	33.0	58.4	80.4	21.9	
Vert.	2412.0	96.4	27.5	3.0	33.0	94.0	-	-	Carrier
Vert.	2400.0	52.5	27.5	3.0	33.0	50.0	74.0	23.9	

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 11ax-20(OFDMA) 2412 MHz, 106-tone RU, index 53				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDMA) 2437 MHz, 106-tone RU, index 53
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Hori.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Hori.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	Floor noise
Vert.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Vert.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Vert.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	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.

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA) 2462 MHz, 106-tone RU, index 54
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2483.5	59.8	47.1	27.4	3.1	33.0	-	57.4	44.6	73.9	53.9	16.5	9.3	
Hori.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Hori.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Hori.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	Floor noise
Vert.	2483.5	51.8	40.7	27.4	3.1	33.0	-	49.3	38.2	73.9	53.9	24.6	15.7	
Vert.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Vert.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Vert.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	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

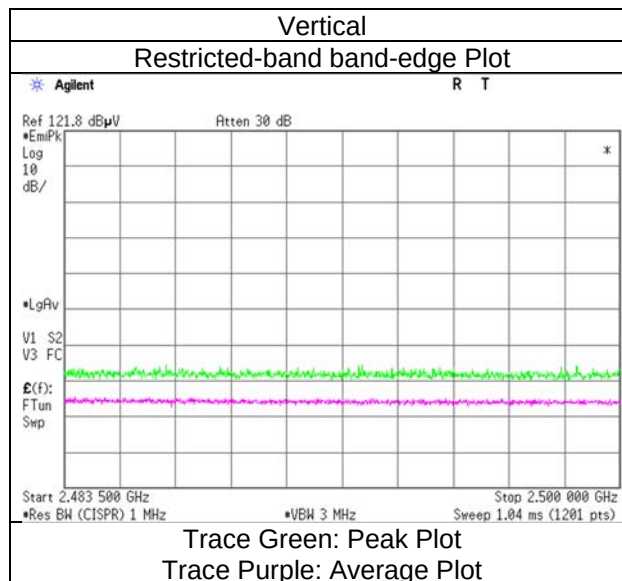
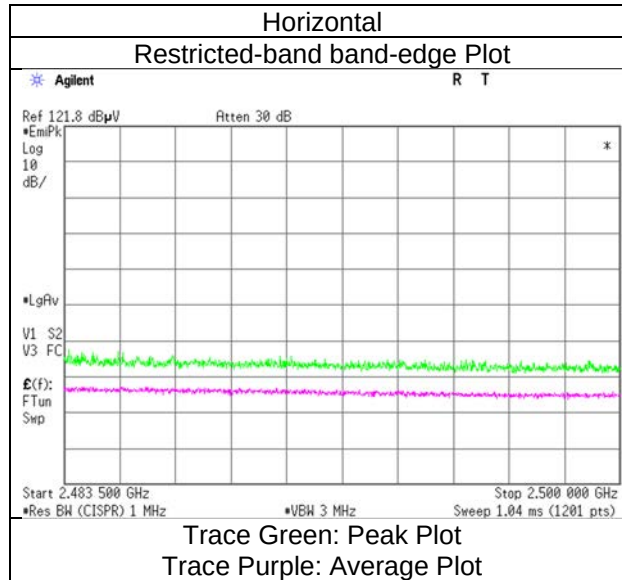
*Other frequency noises omitted in this report were not seen or had enough margin (more than 20 dB).

*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(OFDMA) 2462 MHz, 106-tone RU, index 54				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDMA) 2412 MHz, 242-tone RU, index 61
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	64.7	51.7	27.6	3.0	33.0	-	62.3	49.3	73.9	53.9	11.6	4.6	*1)
Hori.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Hori.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Hori.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Vert.	2390.0	56.3	42.2	27.6	3.0	33.0	-	53.8	39.8	73.9	53.9	20.1	14.1	*1)
Vert.	4824.0	43.1	34.9	31.6	5.2	32.5	-	47.4	39.2	73.9	53.9	26.5	14.7	Floor noise
Vert.	7236.0	44.5	35.7	35.9	6.3	32.4	-	54.4	45.6	73.9	53.9	19.5	8.3	Floor noise
Vert.	9648.0	44.3	34.9	38.9	7.2	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	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

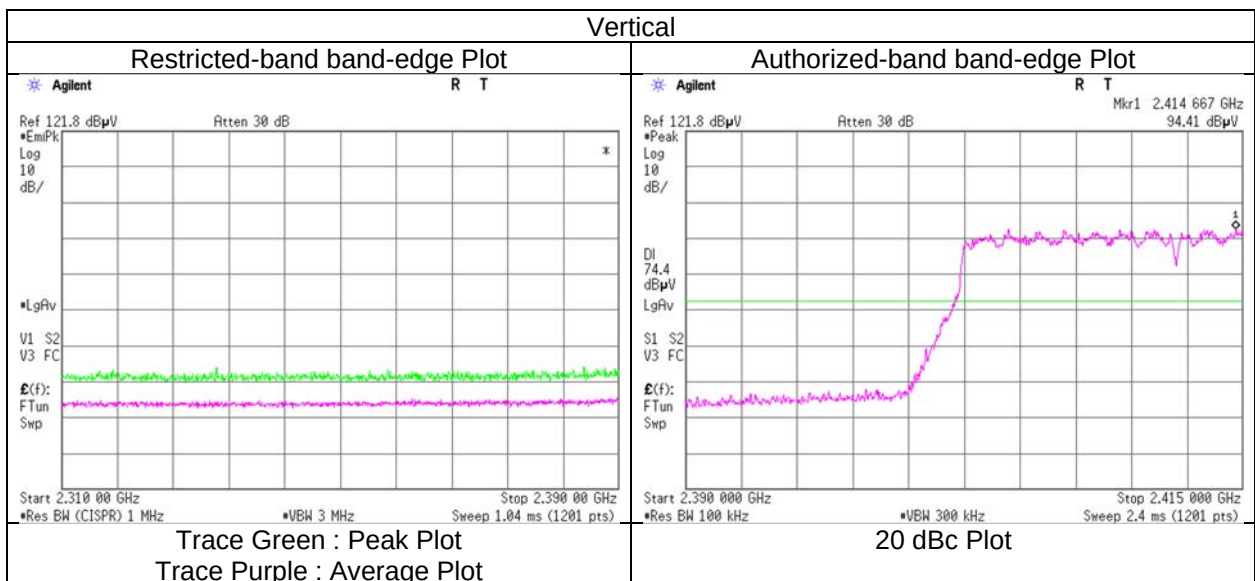
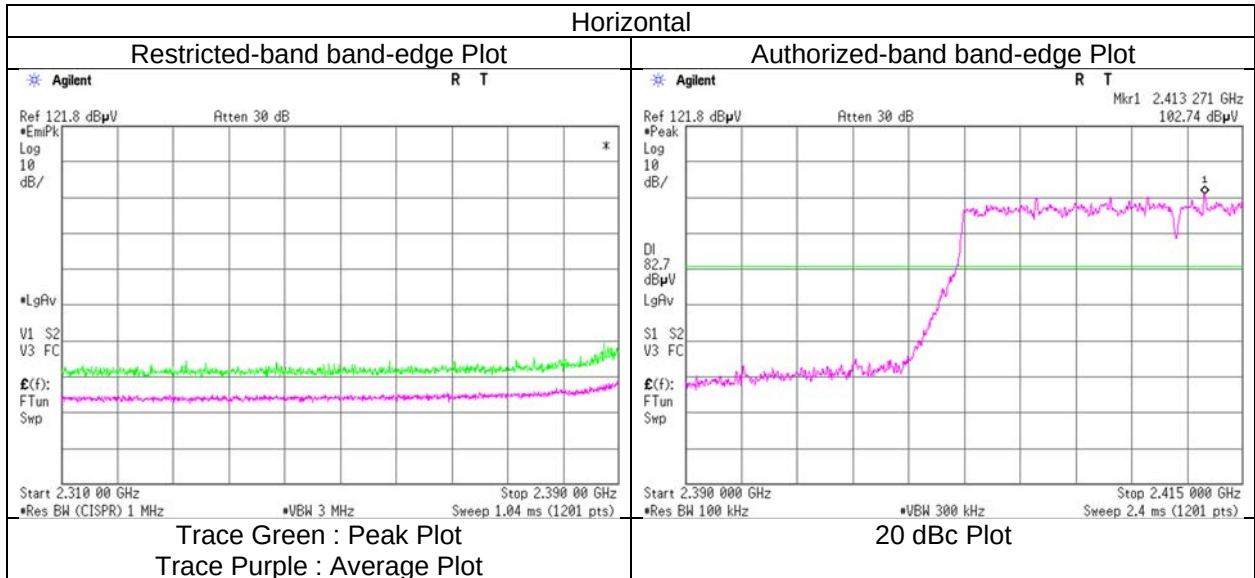
Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2412.0	102.7	27.5	3.0	33.0	100.3	-	-	Carrier
Hori.	2400.0	58.9	27.5	3.0	33.0	56.5	80.3	23.8	
Vert.	2412.0	94.4	27.5	3.0	33.0	92.0	-	-	Carrier
Vert.	2400.0	50.7	27.5	3.0	33.0	48.3	72.0	23.7	

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(OFDMA) 2412 MHz, 242-tone RU, index 61				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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(OFDMA) 2437 MHz, 242-tone RU, index 61
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Hori.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Hori.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	Floor noise
Vert.	4874.0	43.5	35.3	31.6	5.3	32.5	-	47.9	39.7	73.9	53.9	26.0	14.2	Floor noise
Vert.	7311.0	43.7	35.6	36.0	6.4	32.4	-	53.6	45.6	73.9	53.9	20.3	8.3	Floor noise
Vert.	9748.0	43.9	33.8	39.1	7.2	33.1	-	57.1	47.0	73.9	53.9	16.8	6.9	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.

Distance factor: 18 GHz - 26.5 GHz $20\log(1.0\text{ m} / 3.0\text{ m}) = -9.5\text{ dB}$

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA) 2462 MHz, 242-tone RU, index 61
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz

Polarity [Hori/Vert]	Frequency [MHz]	Reading (QP / PK) [dBuV]	Reading (AV) [dBuV]	Ant. Factor [dB/m]	Loss [dB]	Gain [dB]	Duty Factor [dB]	Result (QP / PK) [dBuV/m]	Result (AV) [dBuV/m]	Limit (QP / PK) [dBuV/m]	Limit (AV) [dBuV/m]	Margin (QP / PK) [dB]	Margin (AV) [dB]	Remark
Hori.	2483.5	67.9	53.7	27.4	3.1	33.0	-	65.4	51.2	73.9	53.9	8.5	2.7	*1)
Hori.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Hori.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Hori.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	Floor noise
Vert.	2483.5	58.6	43.7	27.4	3.1	33.0	-	56.2	41.3	73.9	53.9	17.8	12.6	*1)
Vert.	4924.0	42.8	35.0	31.7	5.3	32.5	-	47.3	39.5	73.9	53.9	26.6	14.4	Floor noise
Vert.	7386.0	44.2	35.6	36.1	6.4	32.4	-	54.3	45.7	73.9	53.9	19.6	8.2	Floor noise
Vert.	9848.0	43.2	34.4	39.2	7.3	33.1	-	56.6	47.7	73.9	53.9	17.3	6.2	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).

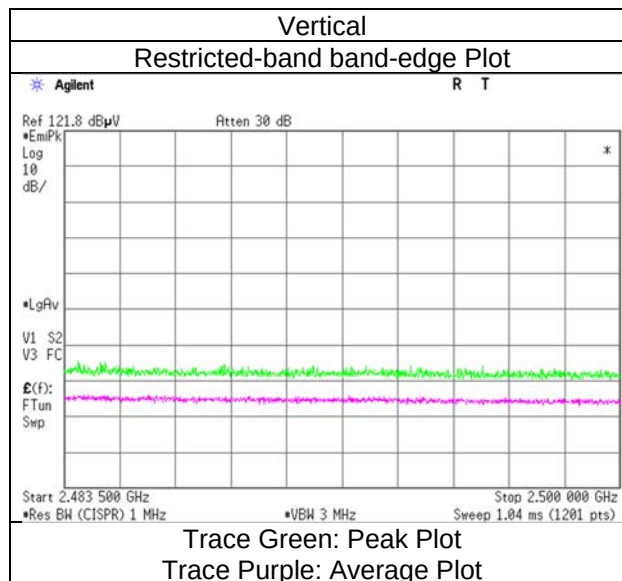
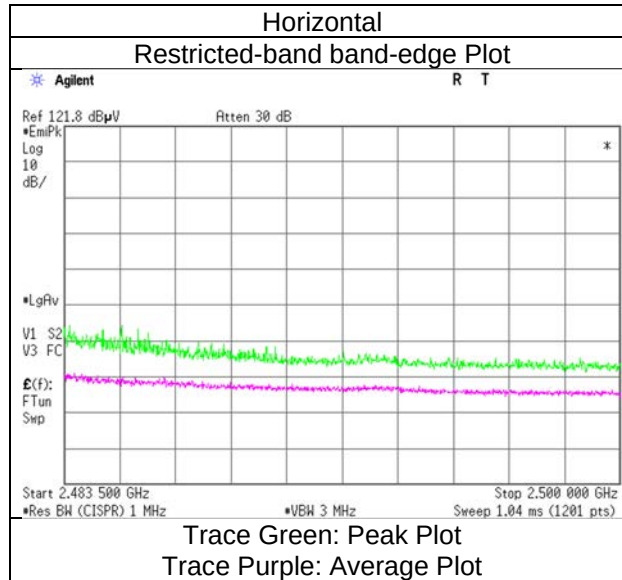
*QP detector was used up to 1GHz.

*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 11ax-20(OFDMA) 2462 MHz, 242-tone RU, index 61				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 21, 2026	SAC2	22 deg. C	41 % RH	Shousei Hamaguchi	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-PHY 2402 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Shousei Hamaguchi	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	44.9	36.5	27.6	3.0	33.0	0.7	42.5	34.8	73.9	53.9	31.4	19.1	*1)
Hori.	4804.0	43.6	35.1	31.6	5.2	32.5	-	47.9	39.4	73.9	53.9	26.1	14.5	Floor noise
Hori.	7206.0	43.8	35.7	35.9	6.4	32.4	-	53.7	45.5	73.9	53.9	20.2	8.4	Floor noise
Hori.	9608.0	43.2	34.6	38.7	7.3	33.1	-	56.2	47.6	73.9	53.9	17.7	6.3	Floor noise
Hori.	12010.0	44.0	35.5	38.5	5.9	36.8	-	51.6	43.1	73.9	53.9	22.3	10.8	Floor noise
Vert.	2390.0	44.9	36.3	27.6	3.0	33.0	0.7	42.5	34.5	73.9	53.9	31.4	19.4	*1)
Vert.	4804.0	43.6	35.1	31.6	5.2	32.5	-	47.9	39.4	73.9	53.9	26.1	14.5	Floor noise
Vert.	7206.0	43.8	35.7	35.9	6.4	32.4	-	53.7	45.5	73.9	53.9	20.2	8.4	Floor noise
Vert.	9608.0	43.2	34.6	38.7	7.3	33.1	-	56.2	47.6	73.9	53.9	17.7	6.3	Floor noise
Vert.	12010.0	44.0	35.5	38.5	5.9	36.8	-	51.6	43.1	73.9	53.9	22.3	10.8	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.

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

20dBc Data Sheet

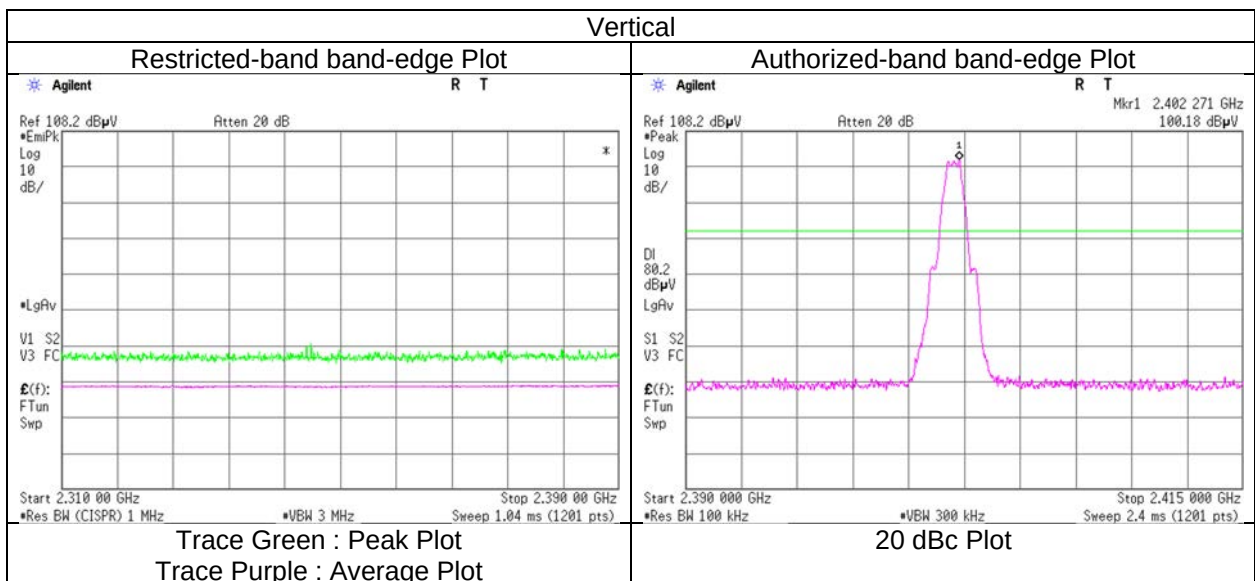
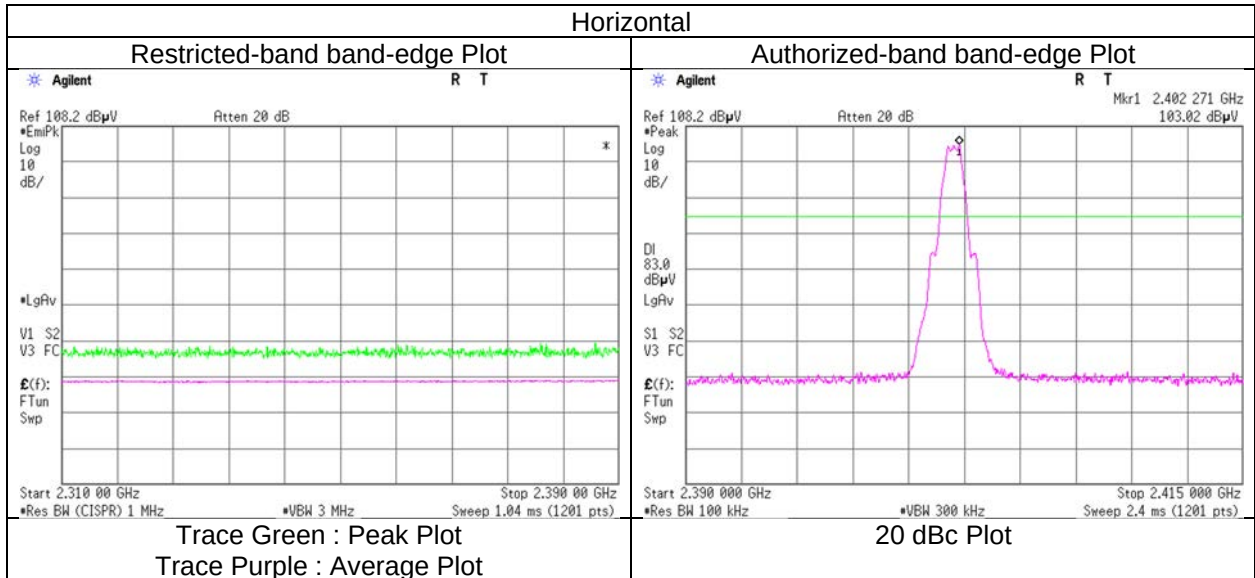
Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2402.0	103.0	27.5	3.0	33.0	100.6	-	-	Carrier
Hori.	2400.0	41.0	27.5	3.0	33.0	38.6	80.6	42.0	
Vert.	2402.0	100.2	27.5	3.0	33.0	97.8	-	-	Carrier
Vert.	2400.0	39.0	27.5	3.0	33.0	36.5	77.8	41.2	

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 BT LE 1M-PHY 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	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-PHY 2440 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Shousei Hamaguchi	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	4880.0	43.8	35.1	31.6	5.3	32.5	-	48.1	39.5	73.9	53.9	25.8	14.4	Floor noise
Hori.	7320.0	44.0	35.6	36.0	6.4	32.4	-	54.0	45.6	73.9	53.9	19.9	8.3	Floor noise
Hori.	9760.0	43.3	34.1	39.1	7.4	33.1	-	56.7	47.5	73.9	53.9	17.2	6.4	Floor noise
Hori.	12200.0	43.2	35.6	38.5	6.0	36.9	-	50.8	43.1	73.9	53.9	23.2	10.8	Floor noise
Vert.	4880.0	43.8	35.1	31.6	5.3	32.5	-	48.1	39.5	73.9	53.9	25.8	14.4	Floor noise
Vert.	7320.0	44.0	35.6	36.0	6.4	32.4	-	54.0	45.6	73.9	53.9	19.9	8.3	Floor noise
Vert.	9760.0	43.3	34.1	39.1	7.4	33.1	-	56.7	47.5	73.9	53.9	17.2	6.4	Floor noise
Vert.	12200.0	43.2	35.6	38.5	6.0	36.9	-	50.8	43.1	73.9	53.9	23.2	10.8	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 BT LE 1M-PHY 2480 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Shousei Hamaguchi	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2483.5	47.5	38.5	27.4	3.1	33.0	0.7	45.0	36.7	73.9	53.9	28.9	17.2	*1)
Hori.	4960.0	42.8	34.8	31.8	5.3	32.5	-	47.4	39.3	73.9	53.9	26.6	14.6	Floor noise
Hori.	7440.0	43.9	35.6	36.2	6.4	32.5	-	54.1	45.8	73.9	53.9	19.8	8.2	Floor noise
Hori.	9920.0	43.8	34.3	39.1	7.5	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Hori.	12400.0	43.3	35.4	38.1	6.0	36.9	-	50.4	42.6	73.9	53.9	23.5	11.3	Floor noise
Vert.	2483.5	45.9	36.3	27.4	3.1	33.0	0.7	43.5	34.6	73.9	53.9	30.4	19.3	*1)
Vert.	4960.0	42.8	34.8	31.8	5.3	32.5	-	47.4	39.3	73.9	53.9	26.6	14.6	Floor noise
Vert.	7440.0	43.9	35.6	36.2	6.4	32.5	-	54.1	45.8	73.9	53.9	19.8	8.2	Floor noise
Vert.	9920.0	43.8	34.3	39.1	7.5	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Vert.	12400.0	43.3	35.4	38.1	6.0	36.9	-	50.4	42.6	73.9	53.9	23.5	11.3	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).

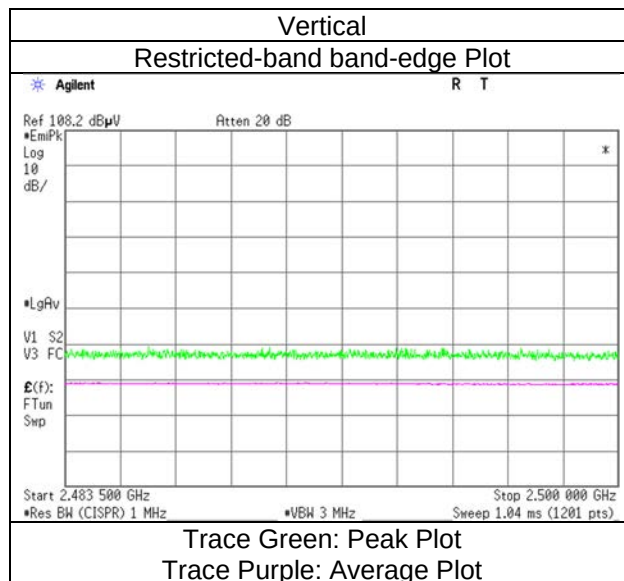
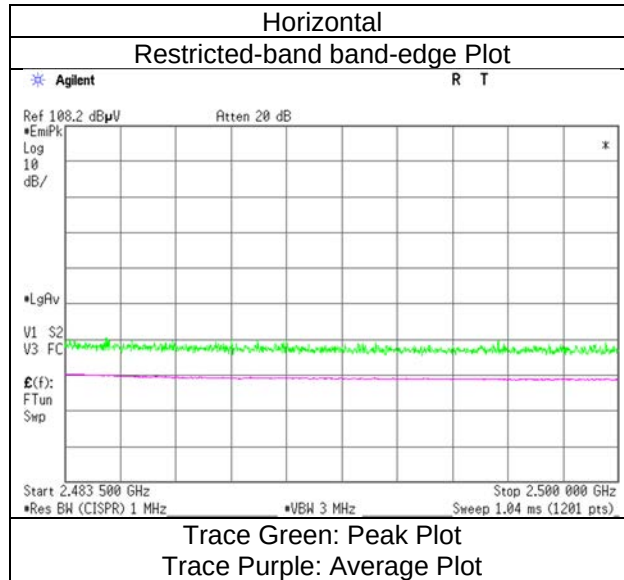
*QP detector was used up to 1GHz.

*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 1M-PHY 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	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-PHY 2402 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Shousei Hamaguchi	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2390.0	44.7	36.5	27.6	3.0	33.0	2.5	42.3	36.6	73.9	53.9	31.6	17.3	*1)
Hori.	4804.0	43.6	35.1	31.6	5.2	32.5	-	47.9	39.4	73.9	53.9	26.1	14.5	Floor noise
Hori.	7206.0	43.8	35.7	35.9	6.4	32.4	-	53.7	45.5	73.9	53.9	20.2	8.4	Floor noise
Hori.	9608.0	43.2	34.6	38.7	7.3	33.1	-	56.2	47.6	73.9	53.9	17.7	6.3	Floor noise
Hori.	12010.0	44.0	35.5	38.5	5.9	36.8	-	51.6	43.1	73.9	53.9	22.3	10.8	Floor noise
Vert.	2390.0	44.6	36.2	27.6	3.0	33.0	2.5	42.2	36.2	73.9	53.9	31.8	17.7	*1)
Vert.	4804.0	43.6	35.1	31.6	5.2	32.5	-	47.9	39.4	73.9	53.9	26.1	14.5	Floor noise
Vert.	7206.0	43.8	35.7	35.9	6.4	32.4	-	53.7	45.5	73.9	53.9	20.2	8.4	Floor noise
Vert.	9608.0	43.2	34.6	38.7	7.3	33.1	-	56.2	47.6	73.9	53.9	17.7	6.3	Floor noise
Vert.	12010.0	44.0	35.5	38.5	5.9	36.8	-	51.6	43.1	73.9	53.9	22.3	10.8	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.

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

20dBc Data Sheet

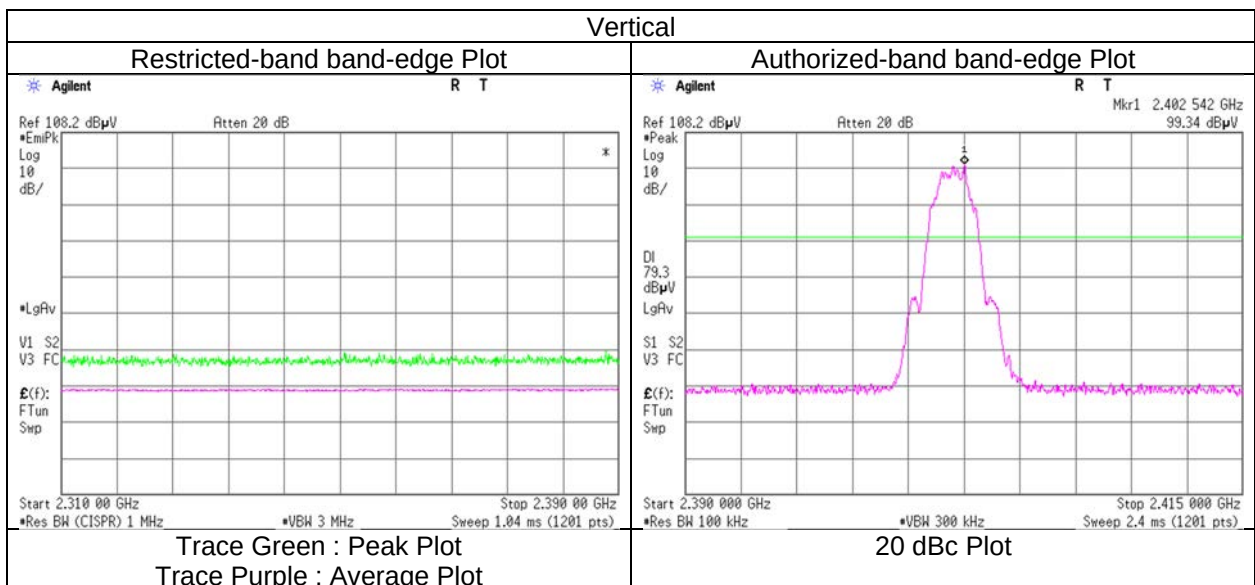
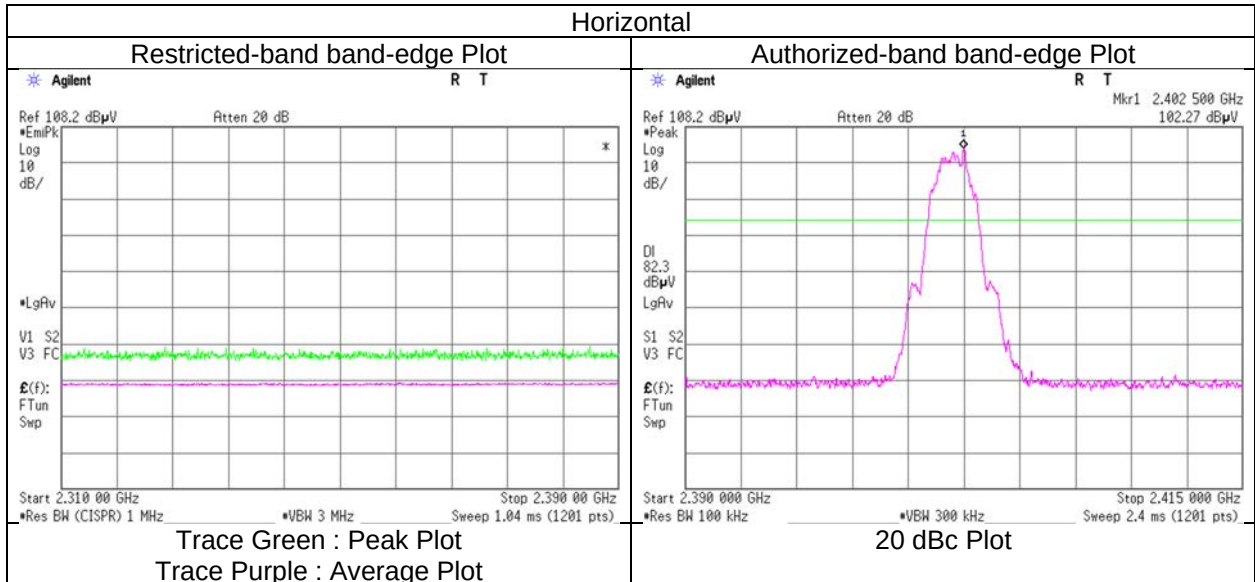
Polarity	Frequency	Reading (PK)	Ant Factor	Loss	Gain	Result	Limit	Margin	Remark
[Hori/Vert]	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2402.0	102.3	27.5	3.0	33.0	99.9	-	-	Carrier
Hori.	2400.0	60.9	27.5	3.0	33.0	58.5	79.9	21.4	
Vert.	2402.0	99.3	27.5	3.0	33.0	96.9	-	-	Carrier
Vert.	2400.0	58.2	27.5	3.0	33.0	55.8	76.9	21.2	

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 BT LE 2M-PHY 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	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-PHY 2440 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Shousei Hamaguchi	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz
May 19, 2026	SAC2	23 deg. C	55 % RH	Wataru Toriyama	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.	33.6	21.4	-	17.4	6.8	28.6	-	17.1	-	40.0	-	22.9	-	
Hori.	63.1	21.6	-	7.3	7.1	28.5	-	7.5	-	40.0	-	32.5	-	
Hori.	74.5	21.6	-	6.5	7.3	28.5	-	6.8	-	40.0	-	33.2	-	
Hori.	103.6	21.3	-	10.9	7.5	28.4	-	11.3	-	43.5	-	32.2	-	
Hori.	603.1	21.8	-	19.3	10.3	29.3	-	22.1	-	46.0	-	23.9	-	
Hori.	895.1	21.4	-	22.0	11.3	28.9	-	25.8	-	46.0	-	20.2	-	
Hori.	4880.0	43.8	35.1	31.6	5.3	32.5	-	48.1	39.5	73.9	53.9	25.8	14.4	Floor noise
Hori.	7320.0	44.0	35.6	36.0	6.4	32.4	-	54.0	45.6	73.9	53.9	19.9	8.3	Floor noise
Hori.	9760.0	43.3	34.1	39.1	7.4	33.1	-	56.7	47.5	73.9	53.9	17.2	6.4	Floor noise
Hori.	12200.0	43.2	35.6	38.5	6.0	36.9	-	50.8	43.1	73.9	53.9	23.2	10.8	Floor noise
Vert.	33.6	23.5	-	17.4	6.8	28.6	-	19.2	-	40.0	-	20.8	-	
Vert.	63.1	24.6	-	7.3	7.1	28.5	-	10.5	-	40.0	-	29.5	-	
Vert.	74.5	24.3	-	6.5	7.3	28.5	-	9.5	-	40.0	-	30.5	-	
Vert.	103.6	23.1	-	10.9	7.5	28.4	-	13.1	-	43.5	-	30.4	-	
Vert.	603.1	21.7	-	19.3	10.3	29.3	-	22.0	-	46.0	-	24.0	-	
Vert.	895.1	21.6	-	22.0	11.3	28.9	-	26.0	-	46.0	-	20.0	-	
Vert.	4880.0	43.8	35.1	31.6	5.3	32.5	-	48.1	39.5	73.9	53.9	25.8	14.4	Floor noise
Vert.	7320.0	44.0	35.6	36.0	6.4	32.4	-	54.0	45.6	73.9	53.9	19.9	8.3	Floor noise
Vert.	9760.0	43.3	34.1	39.1	7.4	33.1	-	56.7	47.5	73.9	53.9	17.2	6.4	Floor noise
Vert.	12200.0	43.2	35.6	38.5	6.0	36.9	-	50.8	43.1	73.9	53.9	23.2	10.8	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 BT LE 2M-PHY 2480 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Shousei Hamaguchi	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	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.	2483.5	48.8	39.7	27.4	3.1	33.0	2.5	46.4	39.7	73.9	53.9	27.5	14.2	*1)
Hori.	4960.0	42.8	34.8	31.8	5.3	32.5	-	47.4	39.3	73.9	53.9	26.6	14.6	Floor noise
Hori.	7440.0	43.9	35.6	36.2	6.4	32.5	-	54.1	45.8	73.9	53.9	19.8	8.2	Floor noise
Hori.	9920.0	43.8	34.3	39.1	7.5	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Hori.	12400.0	43.3	35.4	38.1	6.0	36.9	-	50.4	42.6	73.9	53.9	23.5	11.3	Floor noise
Vert.	2483.5	46.7	38.0	27.4	3.1	33.0	2.5	44.3	38.1	73.9	53.9	29.6	15.9	*1)
Vert.	4960.0	42.8	34.8	31.8	5.3	32.5	-	47.4	39.3	73.9	53.9	26.6	14.6	Floor noise
Vert.	7440.0	43.9	35.6	36.2	6.4	32.5	-	54.1	45.8	73.9	53.9	19.8	8.2	Floor noise
Vert.	9920.0	43.8	34.3	39.1	7.5	33.1	-	57.3	47.8	73.9	53.9	16.6	6.1	Floor noise
Vert.	12400.0	43.3	35.4	38.1	6.0	36.9	-	50.4	42.6	73.9	53.9	23.5	11.3	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).

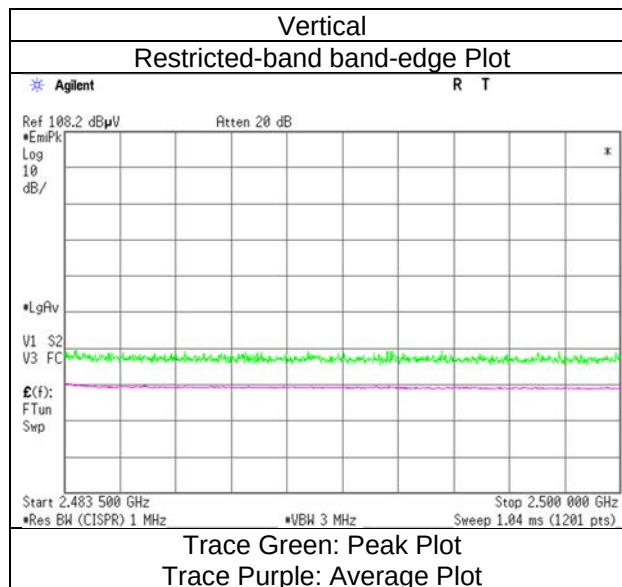
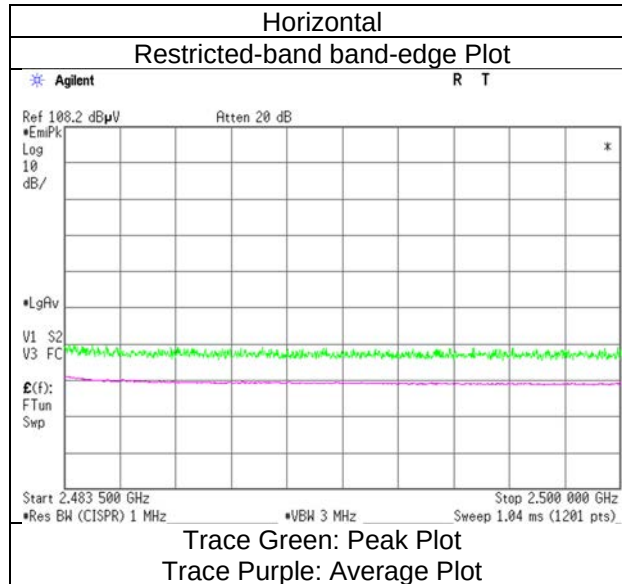
*QP detector was used up to 1GHz.

*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

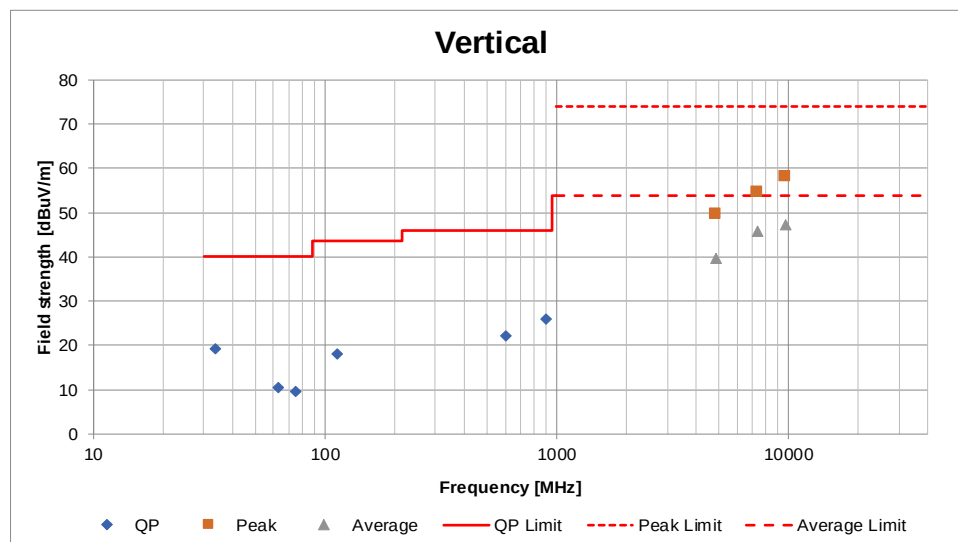
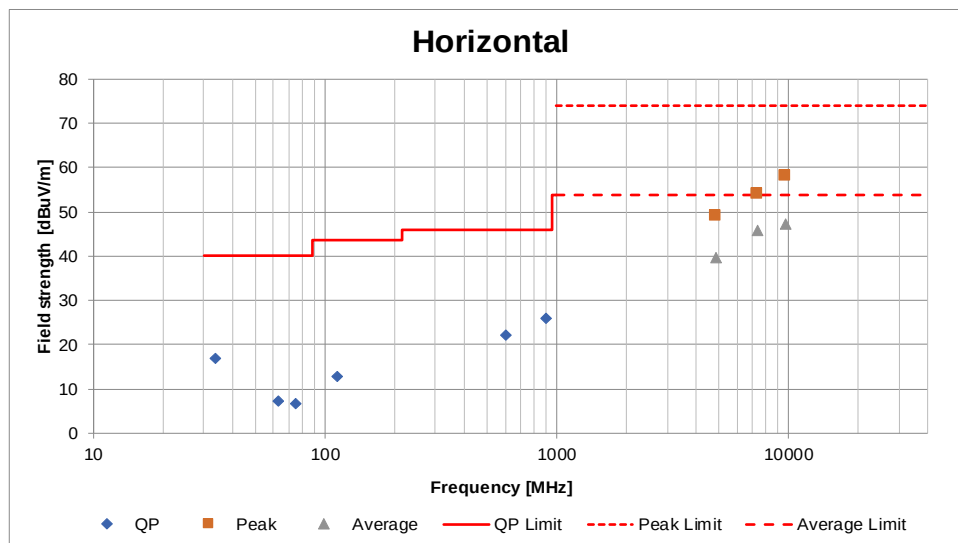
Mode	Tx BT LE 2M-PHY 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	1 GHz to 10 GHz



* 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)

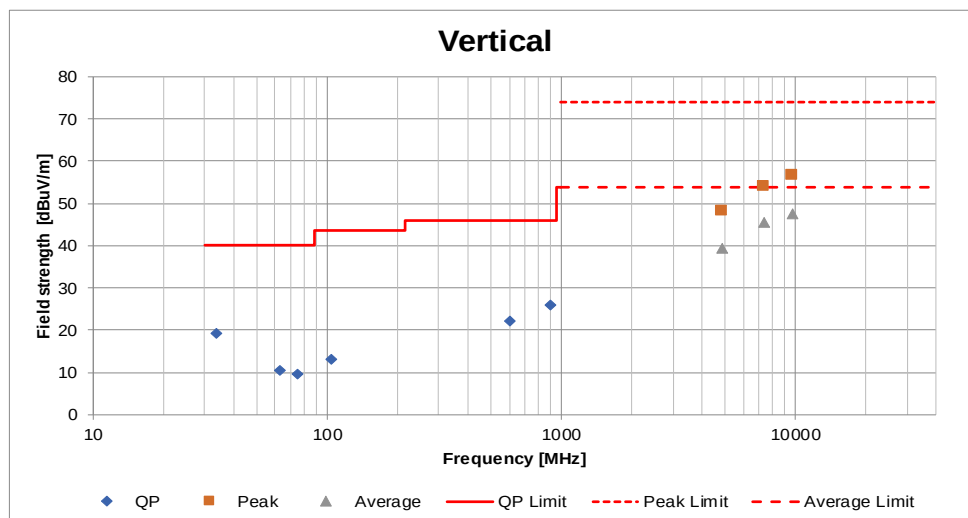
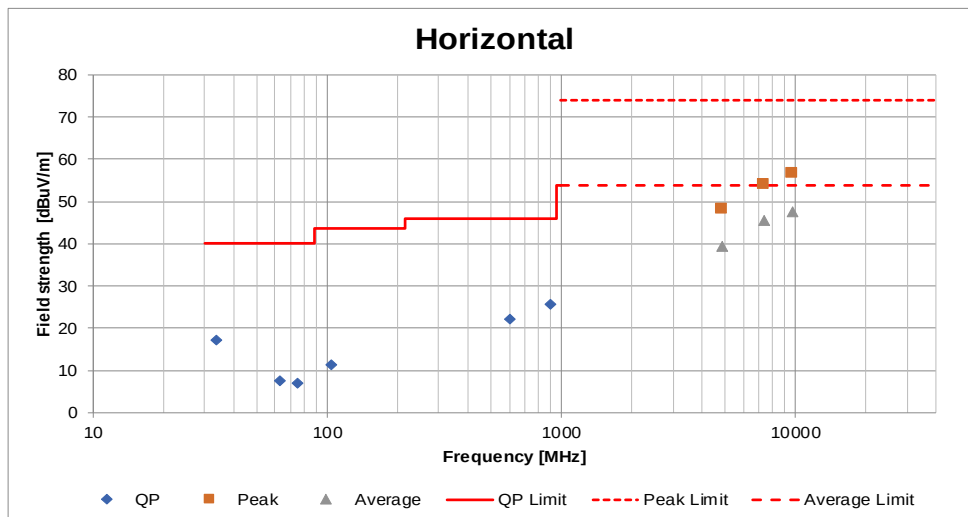
Mode	Tx 11n-20 2437 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	36 % RH	Junki Nagatomi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Yuta Moriya	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz
May 19, 2026	SAC2	23 deg. C	55 % RH	Yuta Moriya	Below 1 GHz



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

Mode	Tx BT LE 2M-PHY 2440 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 19, 2026	SAC2	20 deg. C	38 % RH	Shousei Hamaguchi	1 GHz to 10 GHz
April 14, 2026	SAC4	20 deg. C	58 % RH	Shousei Hamaguchi	10 GHz to 18 GHz
April 15, 2026	SAC4	21 deg. C	63 % RH	Yuta Moriya	Above 18 GHz
May 19, 2026	SAC2	23 deg. C	55 % RH	Wataru Toriyama	Below 1 GHz

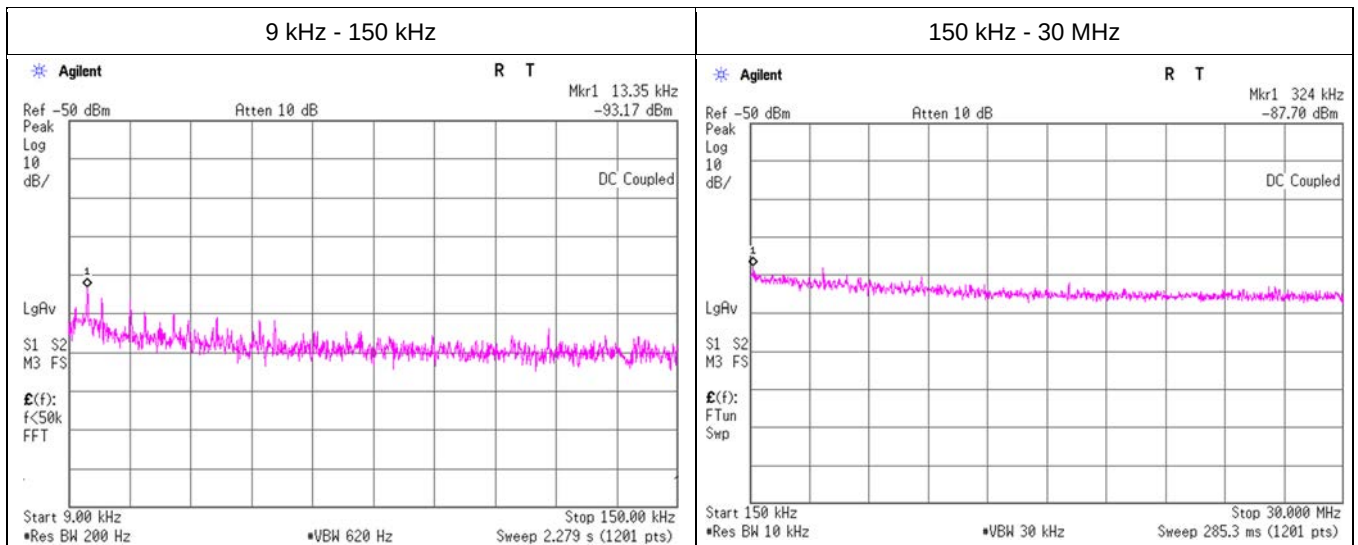


Conducted Spurious Emission

Mode	Tx 11n-20, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 18, 2026	MR8	21 deg.C	37 %RH	Wataru Toriyama

11n-20, CDD, 2437 MHz



Freq. [kHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain * [dBi]	N (Number of Output)	EIRP [dBm]	Distance [m]	Ground bounce [dB]	E (field strength) [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
13.350	-93.17	1.05	9.69	2.00	2.00	-77.4	300	6.0	-16.2	45.0	61.2	-
324.000	-87.70	1.26	9.73	2.00	2.00	-71.7	300	6.0	-10.4	17.3	27.7	-

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

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

N: Number of output

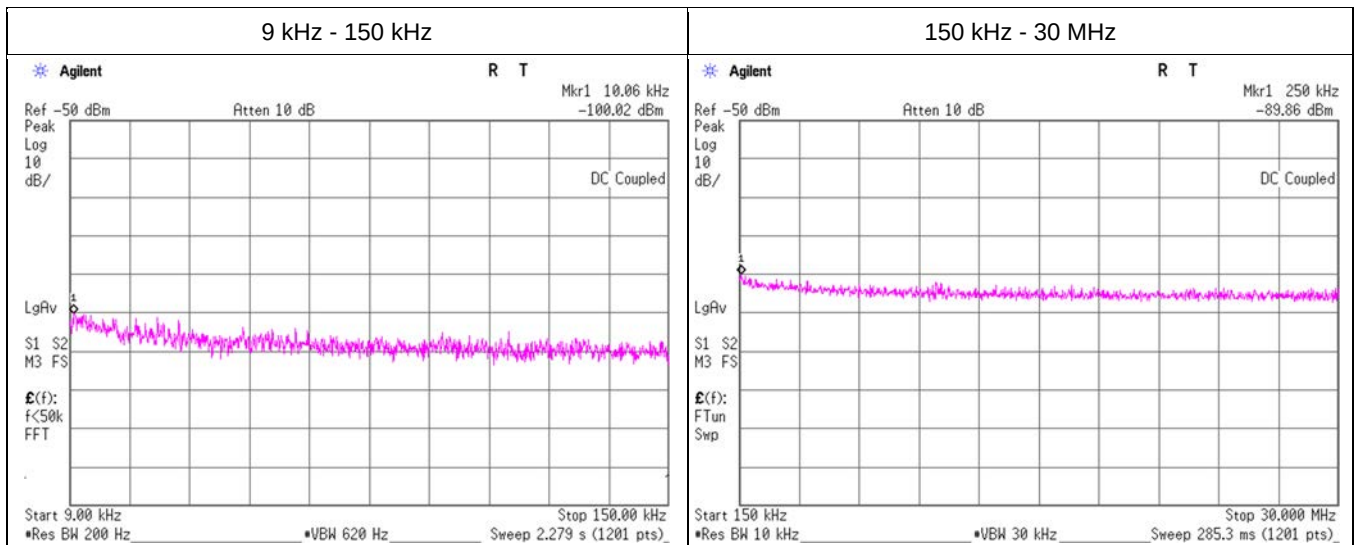
*2.0 dBi was applied to the test result based on ANSI C63.10 since antenna gain was less than 2.0 dBi.

Conducted Spurious Emission

Mode	Tx BT LE 2M-PHY			
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Date	Test Place	Temperature	Humidity	Engineer
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama

BT LE 2M-PHY, 2440 MHz



Freq.	Reading	Cable Loss	Atten. Loss	Antenna Gain *	N (Number of Output)	EIRP	Distance	Ground bounce	E (field strength)	Limit	Margin	Remark
[kHz]	[dBm]	[dB]	[dB]	[dBi]		[dBm]	[m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
10.060	-100.02	1.15	9.69	2.00	1.00	-87.2	300	6.0	-25.9	47.5	73.4	-
250.000	-89.86	1.33	9.72	2.00	1.00	-76.8	300	6.0	-15.6	19.6	35.2	-

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

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

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, SISO
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11b, SISO

Antenna Port: ANT 0

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	-20.51	1.83	9.57	-9.11	8.00	17.11
2437	-20.08	1.83	9.57	-8.68	8.00	16.68
2462	-20.48	1.83	9.57	-9.08	8.00	17.08

Sample Calculation:

PSD: Power Spectral Density

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

11b, SISO

Antenna Port: ANT 1

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	-20.59	2.18	9.68	-8.73	8.00	16.73
2437	-21.70	2.18	9.68	-9.84	8.00	17.84
2462	-20.43	2.19	9.68	-8.56	8.00	16.56

Sample Calculation:

PSD: Power Spectral Density

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

Power Density

Mode	Tx 11g, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11g, CDD

ANT 0 + ANT 1

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	ANT 0		Result		PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	ANT 1		Result		Total Result Power		Limit [dBm / 3 kHz]	Margin [dB]
			Atten. Loss [dB]		[dBm / 3 kHz]	[mW / 3 kHz]				Atten. Loss [dB]		[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[mW / 3 kHz]		
2412	-26.20	1.83	9.57		-14.80	0.03	-26.69	2.18	9.68		-14.83	0.03	-11.81	0.07		8.00	19.81
2437	-26.34	1.83	9.57		-14.94	0.03	-26.43	2.18	9.68		-14.57	0.03	-11.74	0.07		8.00	19.74
2462	-26.12	1.83	9.57		-14.72	0.03	-26.51	2.19	9.68		-14.64	0.03	-11.68	0.07		8.00	19.68

Sample Calculation:

PSD: Power Spectral Density

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

Total Result = ANT 0 Result + ANT 1 Result

Power Density

Mode	Tx 11n-20, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11n-20, CDD

ANT 0 + ANT 1

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	ANT 0		Result		PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	ANT 1		Result		Total Result Power		Limit [dBm / 3 kHz]	Margin [dB]
			Atten. [dB]	Loss [dB]					Atten. [dB]	Loss [dB]			[dBm / 3 kHz]	[mW / 3 kHz]		
2412	-23.15	1.83	9.57		-11.75	0.07	-25.16	2.18	9.68		-13.30	0.05	-9.45	0.11	8.00	17.45
2437	-24.13	1.83	9.57		-12.73	0.05	-25.30	2.18	9.68		-13.44	0.05	-10.07	0.10	8.00	18.07
2462	-23.83	1.83	9.57		-12.43	0.06	-24.95	2.19	9.68		-13.08	0.05	-9.74	0.11	8.00	17.74

Sample Calculation:

PSD: Power Spectral Density

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

Total Result = ANT 0 Result + ANT 1 Result

Power Density

Mode	Tx 11ax-20(OFDM), CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 17, 2026	MR8	20 deg.C	39 %RH	Wataru Toriyama

11ax-20(OFDM), CDD

ANT 0 + ANT 1

Tested Freq. [MHz]	PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	ANT 0		Result		PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result		Total Result Power		Limit [dBm / 3 kHz]	Margin [dB]
			Atten. Loss [dB]		[dBm / 3 kHz]	[mW / 3 kHz]				[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[mW / 3 kHz]		
2412	-28.55	1.83	9.57		-17.15	0.02	-27.28	2.18	9.68	-15.42	0.03	-13.19	0.05	8.00	21.19
2437	-28.27	1.83	9.57		-16.87	0.02	-28.14	2.18	9.68	-16.28	0.02	-13.56	0.04	8.00	21.56
2462	-28.54	1.83	9.57		-17.14	0.02	-27.70	2.19	9.68	-15.83	0.03	-13.43	0.05	8.00	21.43

Sample Calculation:

PSD: Power Spectral Density

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

Total Result = ANT 0 Result + ANT 1 Result

Power Density

Mode	Tx 11ax-20(OFDMA), 26-tone RU, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq.	RU Index	ANT 0					ANT 1					Total Result Power		Limit	Margin
		PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result		PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result					
					[dBm / 3 kHz]	[mW / 3 kHz]				[dBm / 3 kHz]	[mW / 3 kHz]				
[MHz]															
2412	0	-23.59	1.83	9.57	-12.19	0.06	-23.37	2.18	9.68	-11.51	0.07	-8.83	0.13	8.00	16.83
2437	4	-24.03	1.83	9.57	-12.63	0.05	-22.85	2.18	9.68	-10.99	0.08	-8.73	0.13	8.00	16.73
2462	8	-22.31	1.83	9.57	-10.91	0.08	-23.96	2.19	9.68	-12.09	0.06	-8.45	0.14	8.00	16.45

Sample Calculation:

PSD: Power Spectral Density

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

Total Result = ANT 0 Result + ANT 1 Result

Power Density

Mode	Tx 11ax-20(OFDMA), 52-tone RU, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq.	RU Index	ANT 0						ANT 1						Total Result Power		Limit	Margin
		PSD Reading	Cable Loss	Atten. Loss	Result		PSD Reading	Cable Loss	Atten. Loss	Result		Total Result Power					
		[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dB]		
[MHz]																	
2412	37	-23.42	1.83	9.57	-12.02	0.06	-22.88	2.18	9.68	-11.02	0.08	-8.48	0.14	8.00		16.48	
2437	38	-23.33	1.83	9.57	-11.93	0.06	-23.13	2.18	9.68	-11.27	0.07	-8.58	0.14	8.00		16.58	
2462	40	-23.34	1.83	9.57	-11.94	0.06	-23.75	2.19	9.68	-11.88	0.06	-8.91	0.13	8.00		16.91	

Sample Calculation:

PSD: Power Spectral Density

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

Total Result = ANT 0 Result + ANT 1 Result

Power Density

Mode	Tx 11ax-20(OFDMA), 106-tone RU, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq.	RU Index	ANT 0						ANT 1						Total Result Power		Limit	Margin
		PSD Reading	Cable Loss	Atten. Loss	Result		PSD Reading	Cable Loss	Atten. Loss	Result							
		[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dB]	[dB]	[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[dB]		
[MHz]																	
2412	53	-26.16	1.83	9.57	-14.76	0.03	-25.53	2.18	9.68	-13.67	0.04	-11.18	0.08	8.00	19.18		
2437	53	-25.93	1.83	9.57	-14.53	0.04	-25.85	2.18	9.68	-13.99	0.04	-11.24	0.08	8.00	19.24		
2462	54	-25.81	1.83	9.57	-14.41	0.04	-26.27	2.19	9.68	-14.40	0.04	-11.40	0.07	8.00	19.40		

Sample Calculation:

PSD: Power Spectral Density

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

Total Result = ANT 0 Result + ANT 1 Result

Power Density

Mode	Tx 11ax-20(OFDMA), 242-tone RU, CDD
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Date	Test Place	Temperature	Humidity	Engineer
March 19, 2026	MR8	22 deg.C	49 %RH	Wataru Toriyama

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

ANT 0 + ANT 1

Tested Freq.	RU Index	ANT 0						ANT 1						Total Result Power		Limit	Margin
		PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result		PSD Reading [dBm / 3 kHz]	Cable Loss [dB]	Atten. Loss [dB]	Result							
					[dBm / 3 kHz]	[mW / 3 kHz]				[dBm / 3 kHz]	[mW / 3 kHz]	[dBm / 3 kHz]	[mW / 3 kHz]				
[MHz]																	
2412	61	-28.08	1.83	9.57	-16.68	0.02	-28.33	2.18	9.68	-16.47	0.02	-13.57	0.04	8.00	21.57		
2437	61	-28.69	1.83	9.57	-17.29	0.02	-28.60	2.18	9.68	-16.74	0.02	-14.00	0.04	8.00	22.00		
2462	61	-28.68	1.83	9.57	-17.28	0.02	-27.92	2.19	9.68	-16.05	0.02	-13.62	0.04	8.00	21.62		

Sample Calculation:

PSD: Power Spectral Density

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

Total Result = ANT 0 Result + ANT 1 Result

Power Density

Mode	Tx BT LE 1M-PHY
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Date	Test Place	Temperature	Humidity	Engineer
March 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama

BT LE 1M-PHY

Antenna Port: ANT 0

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	-22.09	2.27	9.68	-10.14	8.00	18.14
2440	-21.95	2.28	9.68	-10.00	8.00	18.00
2480	-22.48	2.29	9.68	-10.52	8.00	18.52

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 12, 2026	MR8	22 deg.C	42 %RH	Wataru Toriyama

BT LE 2M-PHY

Antenna Port: ANT 0

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	-26.03	2.27	9.68	-14.09	8.00	22.09
2440	-25.95	2.28	9.68	-13.99	8.00	21.99
2480	-26.48	2.29	9.68	-14.51	8.00	22.51

Sample Calculation:

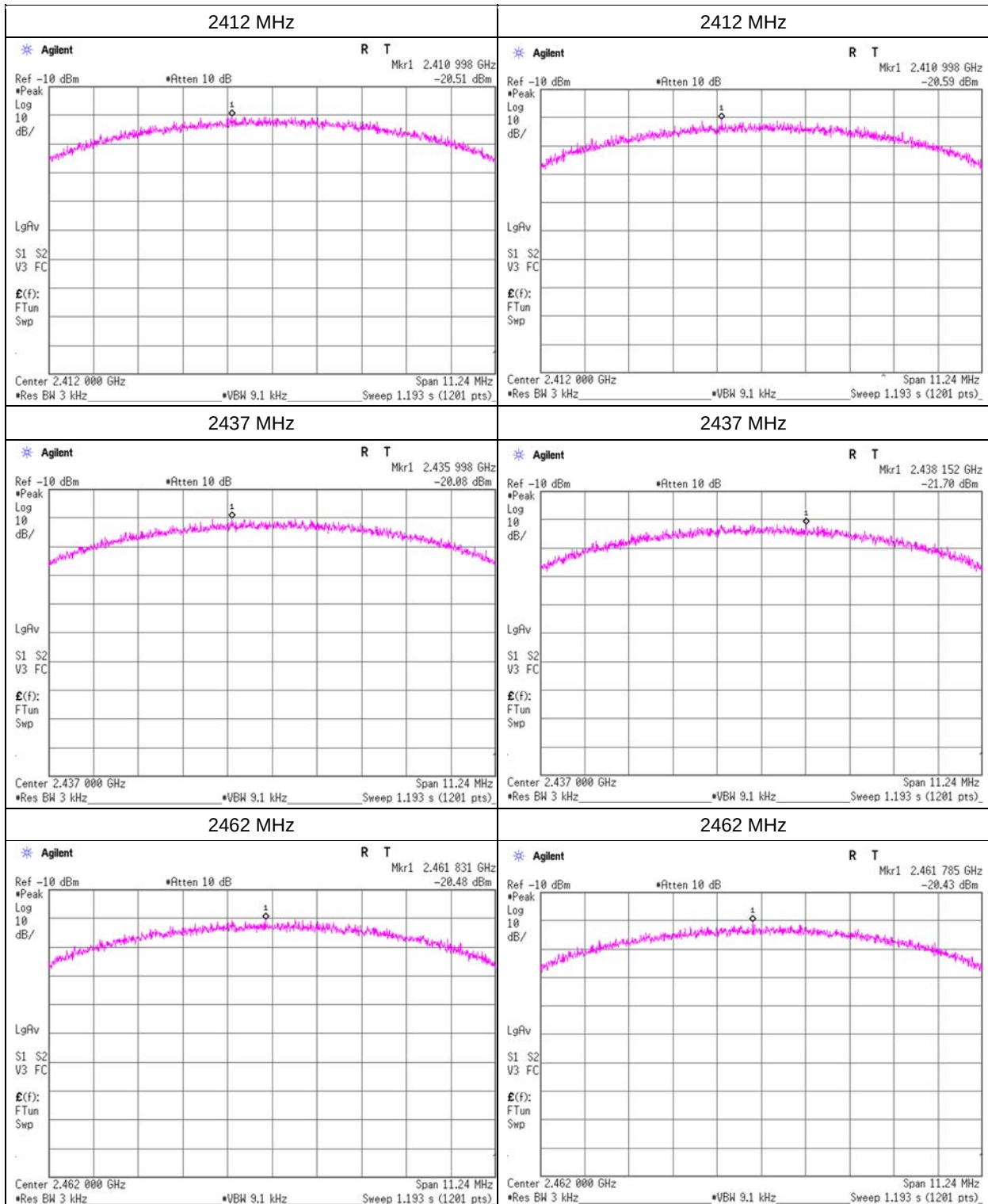
PSD: Power Spectral Density

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

Power Density

11b, SISO, ANT 0

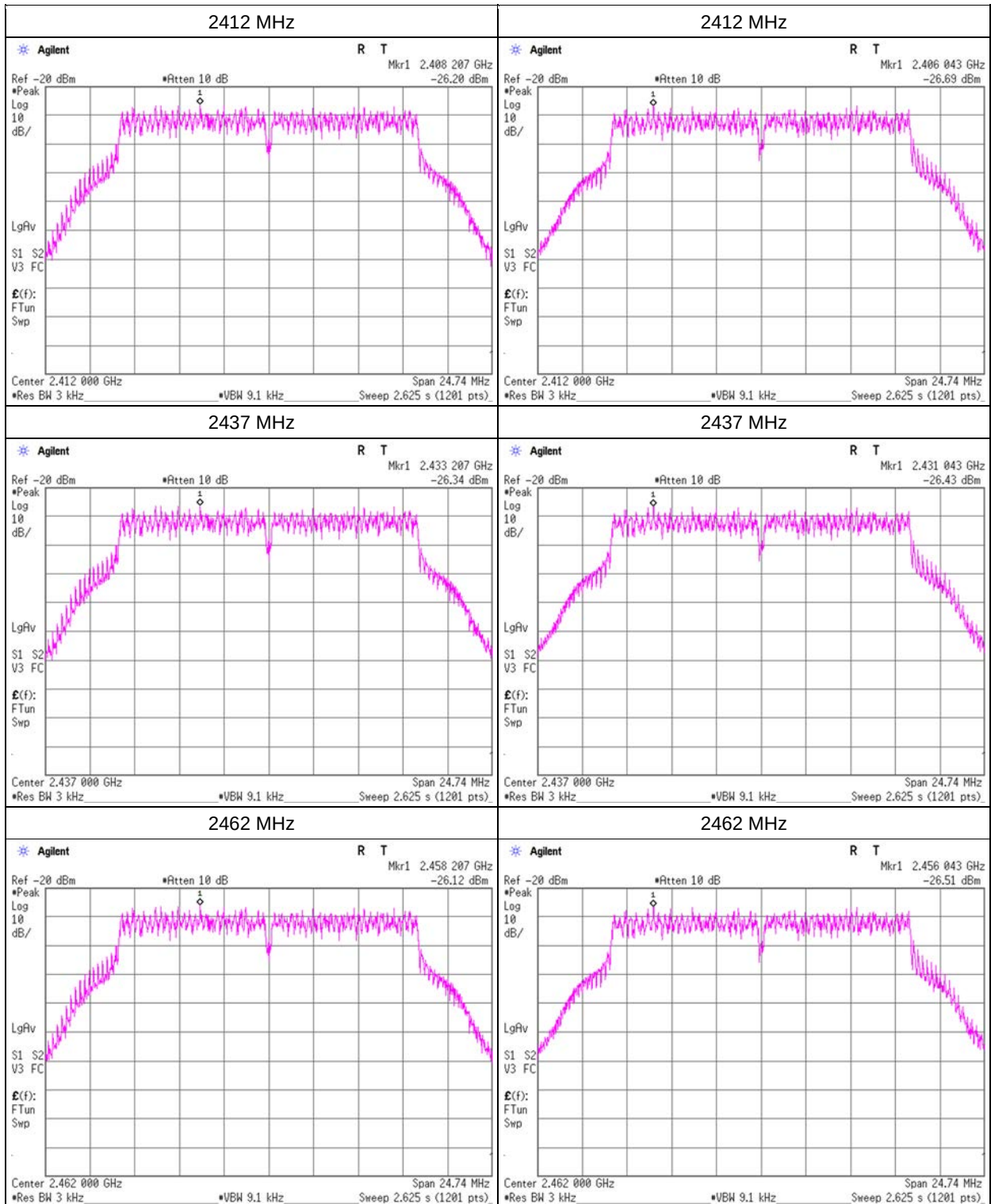
11b, SISO, ANT 1



Power Density

11g, CDD, ANT 0

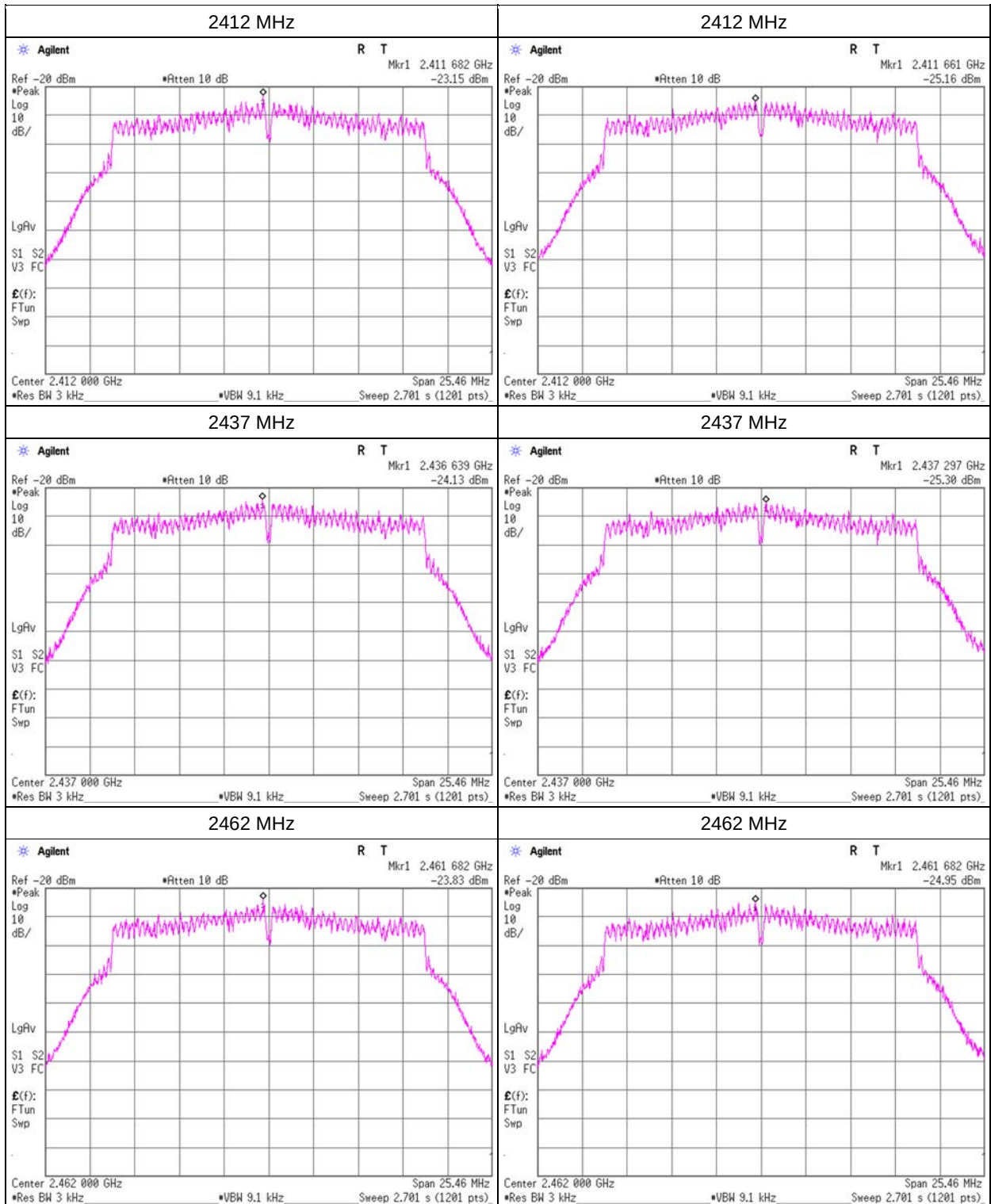
11g, CDD, ANT 1



Power Density

11n-20, CDD, ANT 0

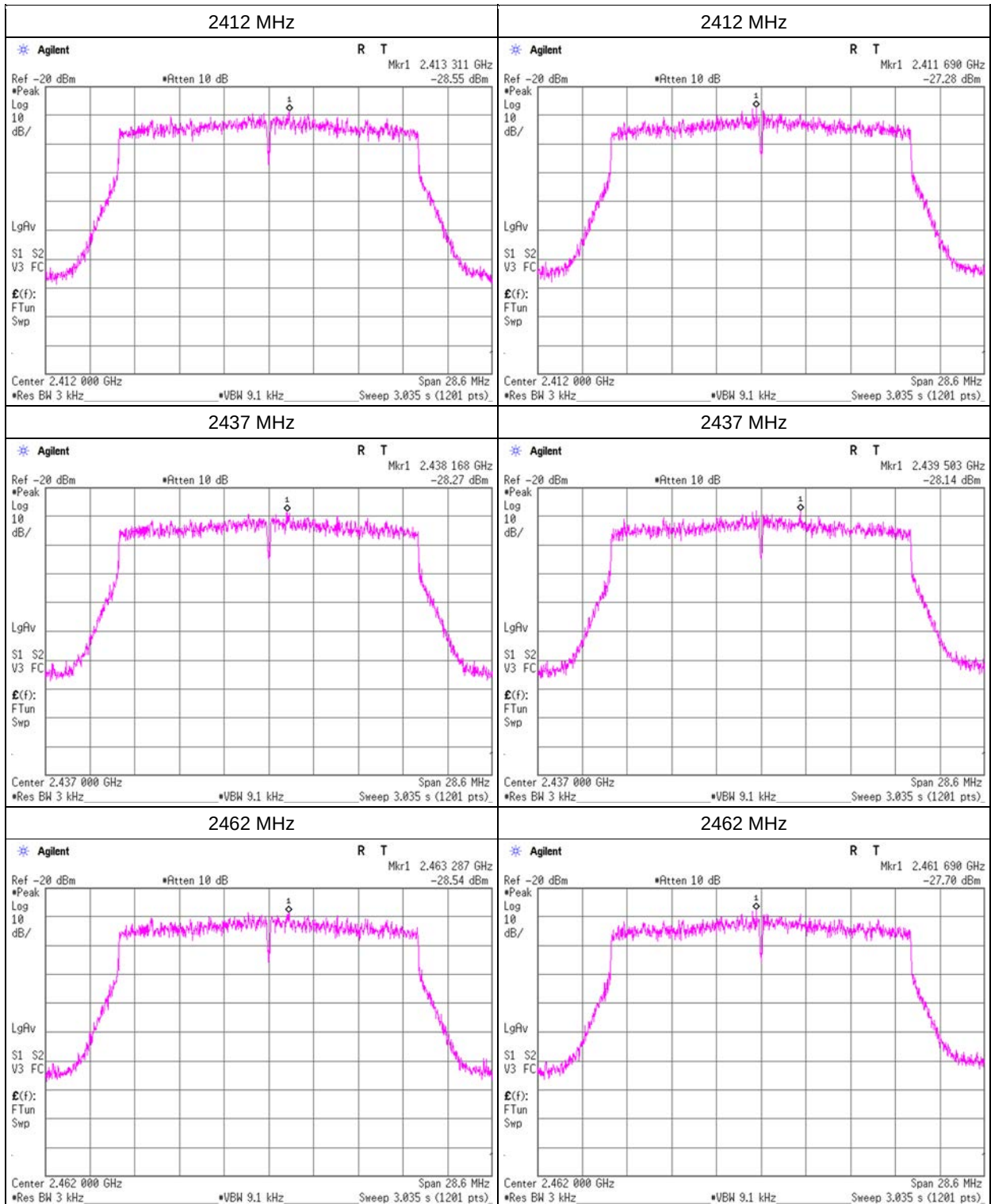
11n-20, CDD, ANT 1



Power Density

11ax-20(OFDM), CDD, ANT 0

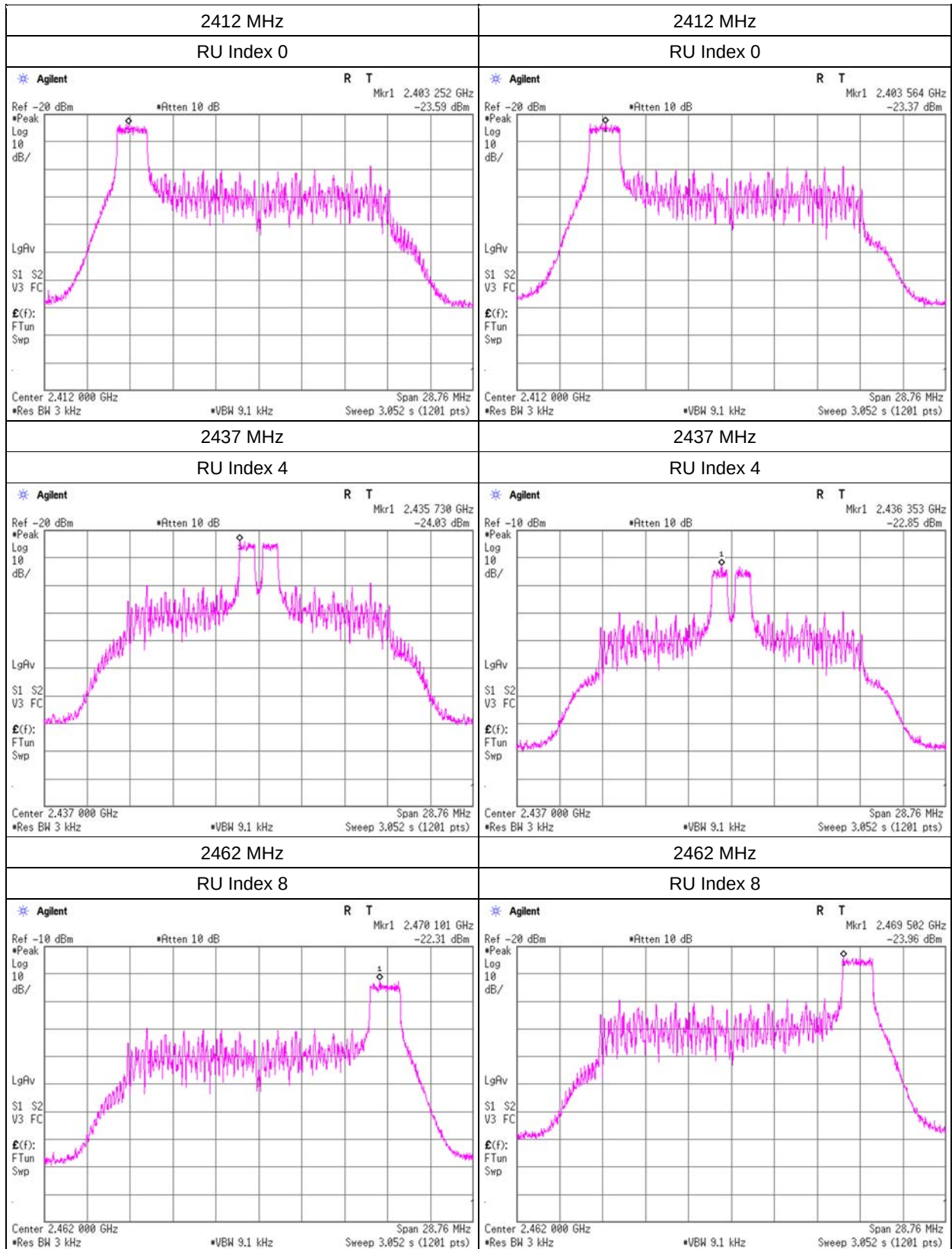
11ax-20(OFDM), CDD, ANT 1



Power Density

11ax-20(OFDMA), 26-tone RU, CDD, ANT 0

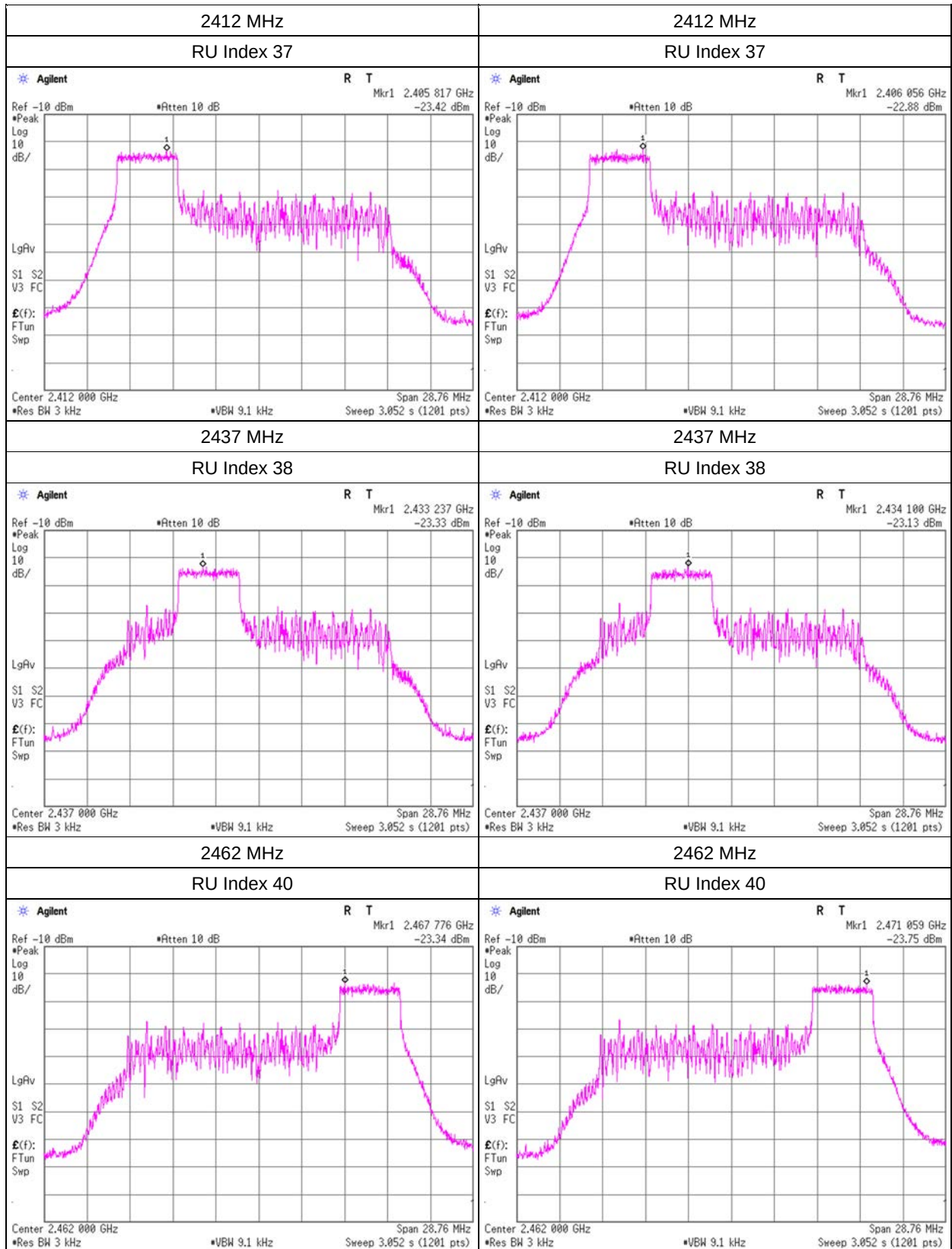
11ax-20(OFDMA), 26-tone RU, CDD, ANT 1



Power Density

11ax-20(OFDMA), 52-tone RU, CDD, ANT 0

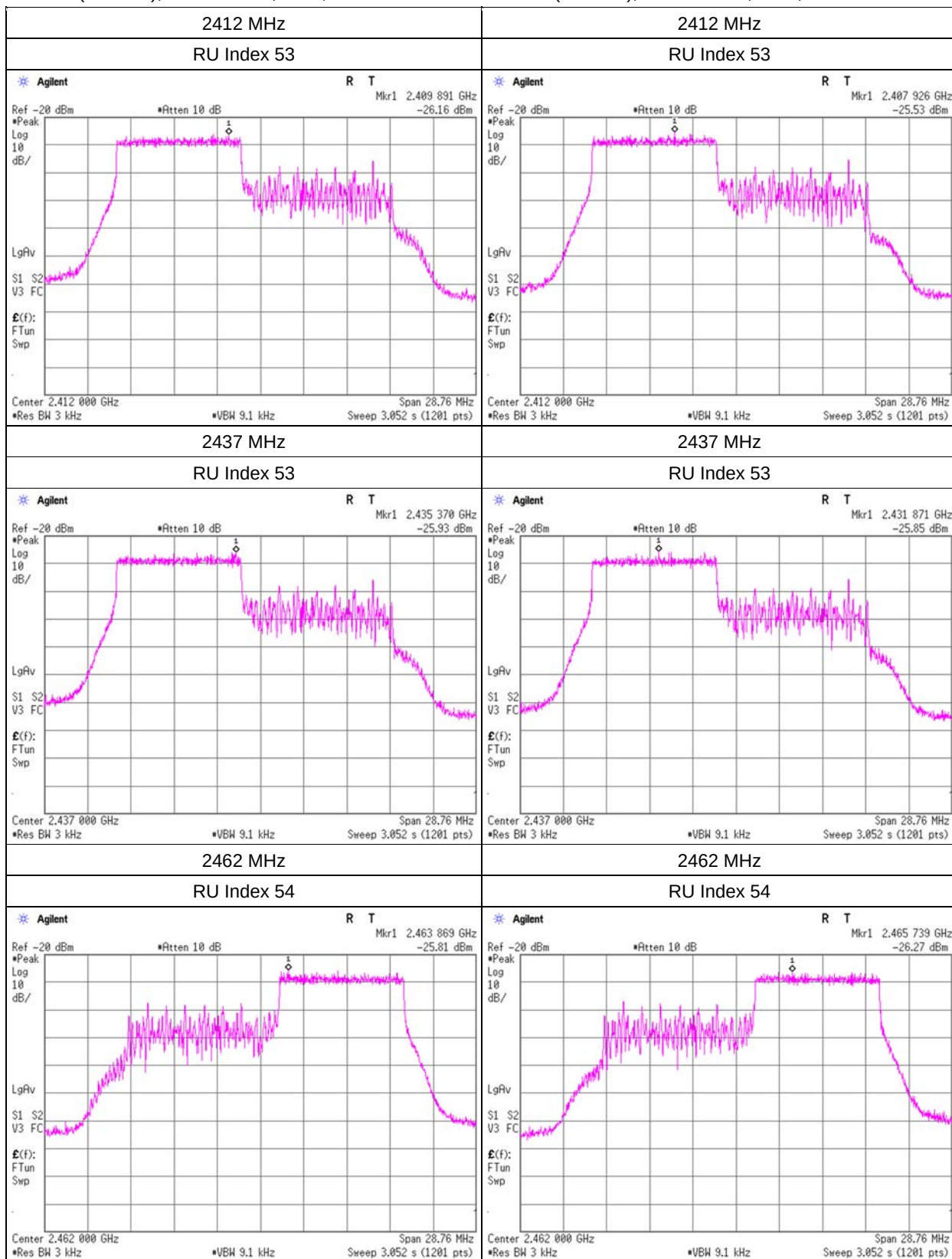
11ax-20(OFDMA), 52-tone RU, CDD, ANT 1



Power Density

11ax-20(OFDMA), 106-tone RU, CDD, ANT 0

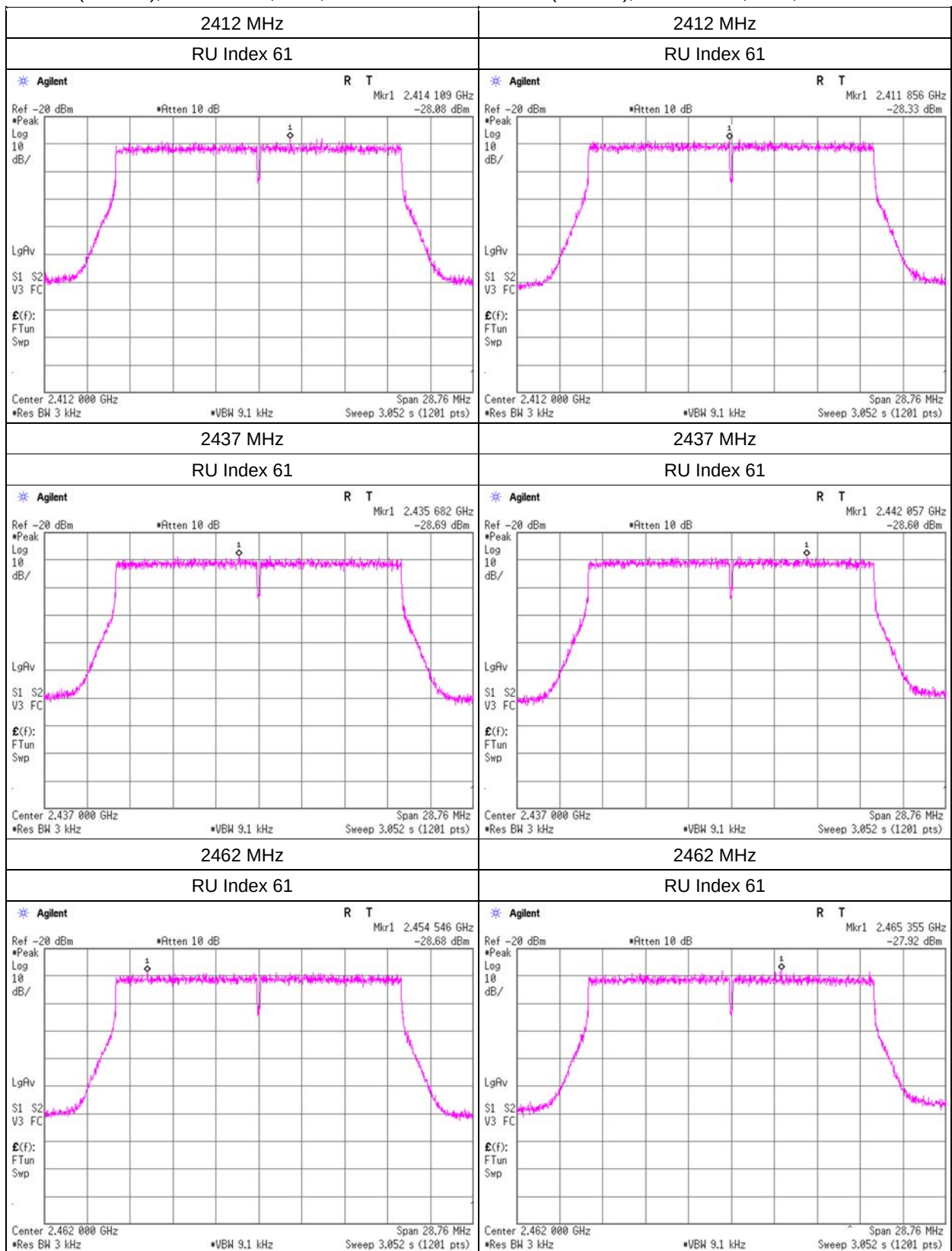
11ax-20(OFDMA), 106-tone RU, CDD, ANT 1



Power Density

11ax-20(OFDMA), 242-tone RU, CDD, ANT 0

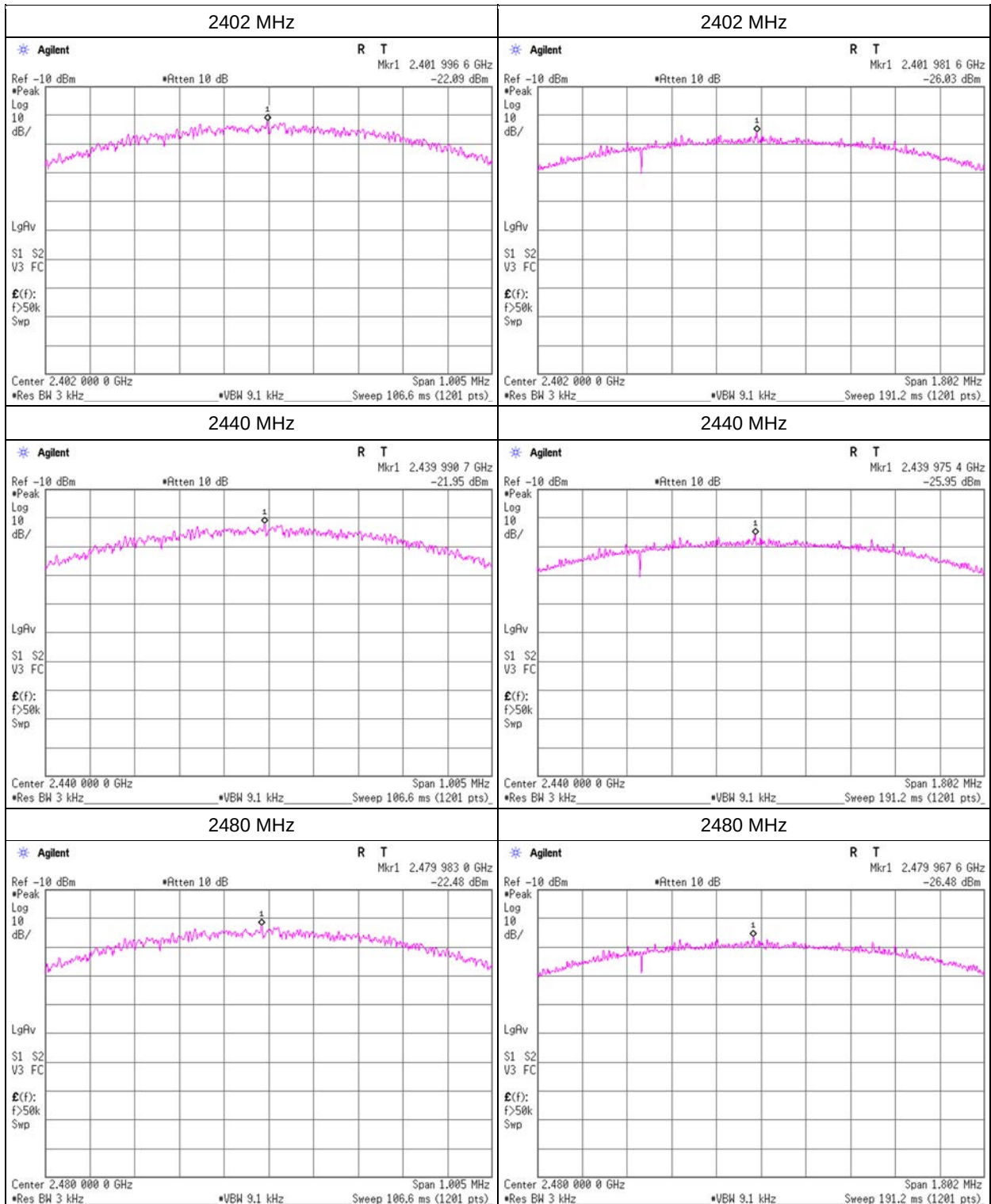
11ax-20(OFDMA), 242-tone RU, CDD, ANT 1



Power Density

BT LE 1M-PHY, ANT 0

BT LE 2M-PHY, ANT 0



APPENDIX 2: Test Instruments

Test Equipment (1/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	244711	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202105	01/14/2026	12
AT	141557	DIGITAL HiTESTER	HIOKI E. E. CORPORATION	3805	070900530	01/05/2026	12
AT	141810	Power Meter	Anritsu Corporation	ML2495A	824014	11/05/2025	12
AT	141832	Power sensor	Anritsu Corporation	MA2411B	738174	11/05/2025	12
AT	263325	Microwave Cable	GigaLane Co., Ltd	GL140sE	53043-01-01	04/16/2026	12
AT	248892	Attenuator	Weinschel Associates	WA56-10-1112	1	05/14/2026	12
AT	141855	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46187750	11/14/2025	12
AT	263297	Coaxial Cable	GigaLane Co., Ltd	G03SMC005-GUL200HT-G03SMC005-2000mm	#002	04/16/2026	12
AT	141244	Attenuator(10dB)	Weinschel - API Technologies Corp	WA8-10-34	A198	02/02/2026	12
AT	141809	Power Meter	Anritsu Corporation	ML2495A	825002	05/15/2025	12
AT	141830	Power sensor	Anritsu Corporation	MA2411B	738285	05/15/2025	12
AT	248893	Attenuator	Weinschel Associates	WA56-10-1112	2	05/14/2026	12
AT	141194	Antenna Terminal Measurement Software	UL-ISE	-	-	-	-
AT	270526	Data Posting tool	UL-ISE	Data Posting tool	-	-	-
AT	141813	Power Meter	Raditeq (Formerly DARE!! Instruments)	RPR3006W	14I00048SNO081	10/20/2025	12
AT	141815	Power Meter	Raditeq (Formerly DARE!! Instruments)	RPR3006W	14I00048SNO083	10/15/2025	12
AT	230439	Automated EMC/RF Freeware	Raditeq (Formerly DARE!! Instruments)	RadiMation Free	2022.2.3	-	-
CE	244707	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202102	01/13/2026	12
CE	141542	Digital Tester	Fluke Corporation	FLUKE 26-3	78030611	08/01/2025	12
CE	142228	Measure, Tape, Steel	KOMELON	KMC-36	-	-	-
CE	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
CE	141949	Test Receiver	Rohde & Schwarz	ESCI	100767	06/30/2025	12
CE	141222	Coaxial Cable	Fujikura,HP,Mini-Circuits,Fujikura	3D-2W(12m)/5D-2W(5m)/5D-2W(0.8m)/5D-2W(1m)	-	02/11/2026	12
CE	141358	LISN(AMN)	Schwarzbeck Mess-Elektronik OHG	NSLK8127	8127-730	07/03/2025	12
CE	141248	Attenuator	JFW Industries, Inc.	50FP-013H2 N	-	12/03/2025	12
RE	244707	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202102	01/13/2026	12
RE	141542	Digital Tester	Fluke Corporation	FLUKE 26-3	78030611	08/01/2025	12
RE	142228	Measure, Tape, Steel	KOMELON	KMC-36	-	-	-
RE	178648	EMI measurement program	TSJ (Techno Science Japan)	TEPTO-DV	-	-	-
RE	142006	AC2_Semi Anechoic Chamber(SVSWR)	TDK	Semi Anechoic Chamber 3m	DA-06902	04/21/2025	24
RE	141512	Horn Antenna 1-18GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9120D	254	10/20/2025	12
RE	252663	Microwave Cable	Huber+Suhner	SF126E/11PC35/11PC35/1000MM, 5000MM	616276/126E / 616275/126E	09/03/2025	12
RE	141296	High Pass Filter 3.5-18.0GHz	UL-ISE	HPF SELECTOR	002	09/03/2025	12
RE	253739	Pre Amplifier	Keysight Technologies Inc	8449B	3008A01919	10/17/2025	12
RE	141884	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY44020357	05/28/2026	12

Test Equipment (2/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	263274	Microwave Cable	Junkosha	MWX221-05000DMSDMS+ MWX221-01000DMSDMS	2505S042 +2503S144	04/21/2026	12
RE	244710	Thermo-Hygrometer	HIOKI E. E. CORPORATION	LR5001	231202104	01/14/2026	12
RE	272098	DIGITAL MULTIMETER	HIOKI E. E. CORPORATION	DT4255	250902199	11/27/2025	12
RE	142017	AC4_Semi Anechoic Chamber(SVSWR)	TDK	Semi Anechoic Chamber 3m	DA-10005	04/17/2025	24
RE	237927	Broadband Amplifier	ERAVANT	SBB-0115033218-2F2F-E3	27554-01	07/02/2025	12
RE	276744	Microwave cable	Huber+Suhner	SF103/11PC35/ 11PC35/1000mm / SF126E/ 11PC35/5000mm	800674 /3(1m) / 616530/126E(5m)	03/17/2026	12
RE	245788	Double Ridge Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	690	04/01/2026	12
RE	225532	High Pass Filter 8-24.5GHz	TSJ (Techno Science Japan)	SCHPF-8000/T4125-O/O	1504C	11/04/2025	12
RE	141978	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY46180899	05/28/2026	12
RE	141506	Horn Antenna 15-40GHz	Schwarzbeck Mess-Elektronik OHG	BBHA9170	BBHA9170307	08/13/2025	12
RE	142004	AC2_Semi Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-06902	07/08/2025	24
RE	141949	Test Receiver	Rohde & Schwarz	ESCI	100767	06/30/2025	12
RE	141317	Coaxial Cable	UL-ISE	-	-	09/29/2025	12
RE	141594	Pre Amplifier	Keysight Technologies Inc	8447D	2944A10150	02/09/2026	12
RE	266727	Attenuator	Huber+Suhner	6806_N-50-1	40701613	07/09/2025	12
RE	141427	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHA9103B +BBA9106	08031	07/22/2025	12
RE	141265	Logperiodic Antenna (200-1000MHz)	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	9111B-190	07/22/2025	12

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

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

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

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

Test item:

AT: Antenna Terminal Conducted test

CE: Conducted Emission

RE: Radiated Emission