

RADIO TEST REPORT

Test Report No. 16113886S-K-R1

Customer	Canon Inc.
Description of EUT	Communication Module
Model Number of EUT	ES206
FCC ID	AZD257
Test Regulation	FCC Part 15 Subpart C
Test Result	Complied
Issue Date	July 1, 2026
Remarks	Wireless LAN (2.4 GHz band) and Bluetooth Low Energy part(s)

Representative Test EngineerMakoto Hosaka
Engineer**Approved By**Toyokazu Imamura
Engineer

CERTIFICATE 1266.03

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

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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)	16113886S-K	April 17, 2026	-
1	16113886S-K-R1	July 1, 2026	P6: Added antenna gain including cable loss. P7: Revised to indicate that the module includes a power regulator. P11 to 12: - Added a note stating that the matching filter has been removed. - Revised *2) from "The EUT antenna cable is available in two lengths. The test was carried out with 0.2 m length, which was the worst length in the pre-check of Radiated Spurious Emission." to "The EUT antenna cable is available in two lengths. For Radiated Spurious Emission, emissions were pre-checked over the full frequency range, including carriers and harmonics, in the representative mode. The test was then carried out with 0.2 m length, which represented the worst-case configuration." P35 to 41, 104 to 106: Recalculated using antenna gain including cable loss.

Reference: Abbreviations (Including words undescribed in this report)

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

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SECTION 1: Customer Information

Company Name	Canon Inc.
Address	30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501 Japan
Telephone Number	+81-3-5482-4941
Contact Person	Sho Tanaka

The information provided by the customer is as follows;

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

SECTION 2: Equipment Under Test (EUT)

2.1 Identification of EUT

Description	Communication Module
Model Number	ES206
Serial Number	Refer to SECTION 4.2
Condition	Engineering prototype (Not for Sale: This sample is equivalent to mass-produced items.)
Modification	No Modification by the test lab
Receipt Date	December 2, 2025
Test Date	December 3, 2025 to February 18, 2026

2.2 Product Description

General Specification

Rating	DC 3.3 V
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/BT LE)

Equipment Type	Transceiver
Frequency of Operation	2402 MHz to 2480 MHz
Type of Modulation	GFSK
Antenna Gain ^{a)}	4.32 dBi (Including 20mm cable loss: 4.02 dBi)

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

Equipment Type	Transceiver	
Frequency of Operation	2412 MHz to 2462 MHz	
Type of Modulation	DSSS, OFDM	
	OFDMA (IEEE802.11ax only)	26/52/106/242-tone RU
Antenna Gain ^{a)}	4.32 dBi (Including 20mm cable loss: 4.02 dBi)	

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

Equipment Type	Transceiver		
Frequency of Operation	5180 MHz to 5240 MHz 5260 MHz to 5320 MHz 5500 MHz to 5700 MHz 5745 MHz to 5825 MHz		
Type of Modulation	OFDM		
	OFDMA (IEEE802.11ax only)	26/52/106/242-tone RU	
Antenna Gain ^{a) *1)}	4.29 dBi (Including 20mm cable loss: 3.80 dBi)		WLAN UNII-1 and UNII-2A band
	5.04 dBi (Including 20mm cable loss: 4.54 dBi)		WLAN UNII-2C band
	5.45 dBi (Including 20mm cable loss: 4.96 dBi)		WLAN UNII-3 band

*1) The e.i.r.p. data in the report is calculated using antenna gain that includes minimum cable loss.

SECTION 3: Test Summary

3.1 Test Specification

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

3.2 Reference Standards

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

3.3 Summary of Test Results

Item	Specification	Results	Remarks
Conducted Emission	FCC: Section 15.207 ISED: RSS-Gen 8.8	Complied	-
6 dB Bandwidth	FCC: Section 15.247(a)(2) ISED: RSS-247 6.3.1(a)	Complied	Conducted
Maximum Peak Output Power	FCC: Section 15.247(b)(3) ISED: RSS-247 6.3.2	Complied	Conducted
Power Density	FCC: Section 15.247(e) ISED: RSS-247 6.3.1(b)	Complied	Conducted
Spurious Emission Restricted Band Edges	FCC: Section 15.247(d) ISED: RSS-247 6.6 RSS-Gen 8.9 RSS-Gen 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 with 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 (MHF-4L (IPEX)). Therefore the equipment complies with the requirement of 15.203.

3.4 Addition to Standard

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

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

3.5 Uncertainty

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

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

Item	Frequency range	Uncertainty (+/-)
Conducted Emission (AC Mains) LISN	150 kHz to 30 MHz	3.2 dB
Radiated Emission (Measurement distance: 3 m)	9 kHz to 30 MHz	3.4 dB
	30 MHz to 200 MHz	4.8 dB
	200 MHz to 1 GHz	6.0 dB
	1 GHz to 6 GHz	4.7 dB
	6 GHz to 18 GHz	5.3 dB
	18 GHz to 40 GHz	5.4 dB
Radiated Emission (Measurement distance: 1 m)	1 GHz to 18 GHz	5.6 dB
	18 GHz to 40 GHz	5.7 dB

Antenna terminal test	Uncertainty (+/-)
Power Measurement above 1 GHz (Average Detector)	1.2 dB
Power Measurement above 1 GHz (Peak Detector)	2.1 dB
Spurious Emission (Conducted) below 1 GHz	1.7 dB
Conducted Emissions Power Density Measurement 1 GHz to 3 GHz	1.1 dB
Conducted Emissions Power Density Measurement 3 GHz to 18 GHz	2.7 dB
Spurious Emission (Conducted) 18 GHz to 26.5 GHz	2.9 dB
Spurious Emission (Conducted) 26.5 GHz to 40 GHz	2.6 dB
Bandwidth Measurement	0.012 %
Duty Cycle and Time Measurement	0.27 %
Temperature	2.2 deg.C.
Humidity	3.2 %
Voltage	0.92 %

3.6 Test Location

UL Japan, Inc. Shonan EMC Lab.

1-22-3, Megumigaoka, Hiratsuka-shi, Kanagawa-ken 259-1220 Japan

Telephone: +81-463-50-6400

A2LA Certificate Number: 1266.03

(FCC test firm registration number: 626366, ISED lab company number: 2973D / CAB identifier: JP0001)

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

3.7 Test Data, Test Instruments, and Test Set Up

Refer to APPENDIX.

SECTION 4: Operation of EUT during testing

4.1 Operating Mode(s)

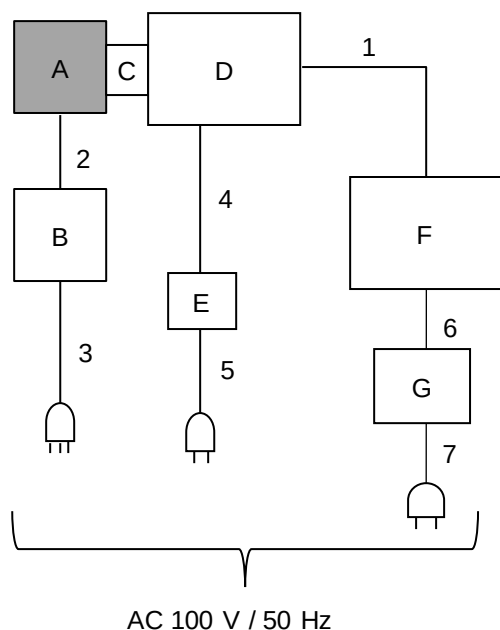
Mode	Remarks*
IEEE 802.11b (11b)	11 Mbps, PN9
IEEE 802.11g (11g)	6 Mbps, PN9
IEEE 802.11n 20 MHz BW (11n-20)	MCS 0, PN9
IEEE 802.11ax 20 MHz BW (11ax-20)	MCS 0, PN9
Bluetooth Low Energy (BT LE 1M-PHY)	Maximum packet data, PRBS9
Bluetooth Low Energy (BT LE 2M-PHY)	Maximum packet data, PRBS9
*The worst 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:	Non-OFDMA: 9 dBm (11b/11g), 8 dBm (11n-20/11ax-20) OFDMA: -3 dBm (26-tone RU), 1 dBm (52-tone RU), 4 dBm (106-tone RU), 8 dBm(242-tone RU)
Software:	Pre-correction: -11.5 dBm 28.10 (For WLAN) 001.002.032.0162 (For Bluetooth) (Date: 2025.12.02, Storage location: Driven by connected PC)
*This setting of software is the worst case. Any conditions under the normal use do not exceed the condition of setting. In addition, end users cannot change the settings of the output power of the product. Test operating mode was determined as follows according to "Section 1 of 6 802.11 a/b/g/n testing - Managing Complex Regulatory Approvals - " of TCB Council Workshop October 2009 and also was judged the necessity of 802.11ac/ax mode by the pre-test.	

*The Details of Operating Mode(s)

Test Item	Operating Mode	Tested Frequency
Conducted Emission Radiated Spurious Emission (Below 1 GHz)	Tx 11n-20 *1)	2437 MHz
	Tx BT LE 1M-PHY Tx BT LE 2M-PHY	2440 MHz
	Tx BT LE 2M-PHY with Tx 11a, 5500 MHz *2)	2480 MHz
Conducted Spurious Emission	Tx 11n-20 *1)	2437 MHz
	Tx BT LE 1M-PHY Tx BT LE 2M-PHY	2440 MHz
Radiated Spurious Emission (Above 1 GHz)	Tx 11b Tx 11g Tx 11n-20 Tx 11ax-20 (OFDM) Tx 11ax-20 (OFDMA) *3)	2412 MHz 2437 MHz 2462 MHz
	Tx BT LE 1M-PHY Tx BT LE 2M-PHY	2402 MHz 2440 MHz 2480 MHz
	Tx BT LE 2M-PHY with Tx 11a, 5500 MHz *2)	2480 MHz
6 dB Bandwidth, Maximum Peak Output Power, Power Density, 99% Occupied Bandwidth	Tx 11b Tx 11g Tx 11n-20 Tx 11ax-20 (OFDM) Tx 11ax-20 (OFDMA)	2412 MHz 2437 MHz 2462 MHz
	Tx BT LE 1M-PHY Tx BT LE 2M-PHY	2402 MHz 2440 MHz 2480 MHz
*1) The mode was tested as a representative, because it had the highest power at antenna terminal test. *2) The simultaneous transmission test was conducted in the worst mode of Radiated Spurious Emission. *3) The 242-tone RU at 2412 MHz, representing the highest power density, was fully measured across the bandwidth. while all other cases were tested only at the band edges.		

4.2 Configuration and Peripherals

<For Antenna Terminal Conducted Tests >



Description of EUT and Support Equipment

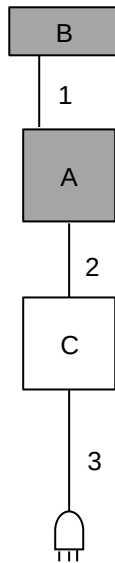
No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Communication Module	ES206	A10	Canon Inc.	EUT *1)
B	Power Supply (DC)	PW8-5ADPS	14086035	GW Instek	-
C	Interface board	WJIG2024_2	A30	Canon Inc.	-
D	Raspberry Pi board	600-90768-01 REV2.0	2-2	Infineon Technologies AG	-
E	AC Adapter	AD-A120P300	2231	Xiamen UME Electronics Co.,Ltd.	-
F	Laptop Computer	ThinkPad L580	PF1LTWJ8	LENOVO	-
G	AC Adapter	ADLX45YLC2A	8SSA10E75842L1 CZ94J0D3D	LENOVO	-

*1) With Jig board (The matching filter used when mounted on the host device has been removed on the Jig board.)

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	LAN	3.0	Unshielded	Unshielded	-
2	DC	0.5	Unshielded	Unshielded	-
3	AC	1.8	Unshielded	Unshielded	-
4	DC	1.5	Unshielded	Unshielded	-
5	AC	1.8	Unshielded	Unshielded	-
6	DC	1.8	Unshielded	Unshielded	-
7	AC	0.9	Unshielded	Unshielded	-

< For Radiated Emission tests and Conducted Emission Tests >



AC 100 V / 50 Hz
AC 120 V / 60 Hz *1)

*1) Only Conducted emission tests

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

Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Communication Module	ES206	A16	Canon Inc.	EUT *1)
B	Antenna	-	-	Canon Inc.	EUT
C	Power Supply (DC)	PAN35-10A	CY002948	Kikusui Electronics Corp.	-

*1) With Jig board (The matching filter used when mounted on the host device has been removed on the Jig board.)

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	Antenna	0.2 0.02 *2)	Shielded	Shielded	-
2	DC	2.0	Unshielded	Unshielded	-
3	AC	1.8	Unshielded	Unshielded	-

*2) The EUT antenna cable is available in two lengths. For Radiated Spurious Emission, emissions were pre-checked over the full frequency range, including carriers and harmonics, in the representative mode. The test was then carried out with 0.2 m length, which represented the worst-case configuration.

SECTION 5: Conducted Emission

Test Procedure and Conditions

EUT was placed on the platform of nominal size, 1.0 m by 2.0 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.

The AC Mains Terminal Continuous disturbance Voltage has been measured with the EUT in a via Auxiliary equipment in a Shielded room.

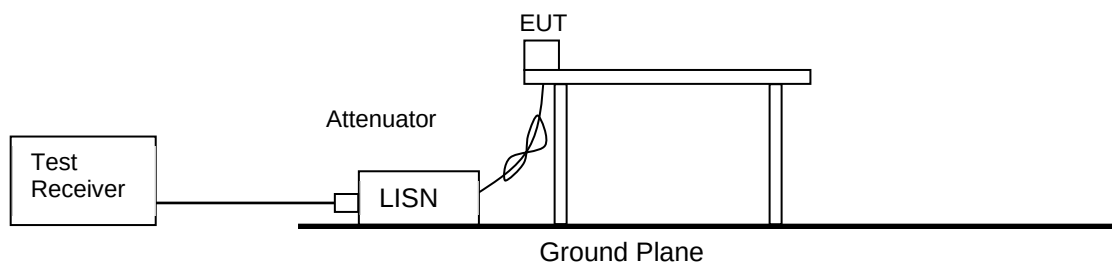
The EUT was connected to a LISN (AMN).

An overview sweep with peak detection has been performed.

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

Detector	: QP and CISPR 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

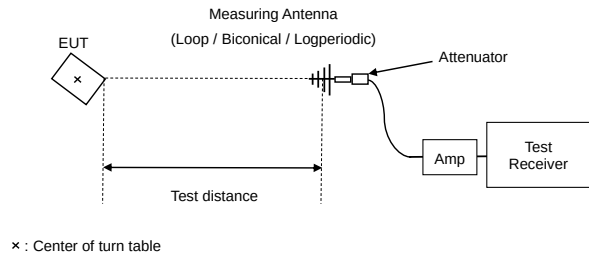
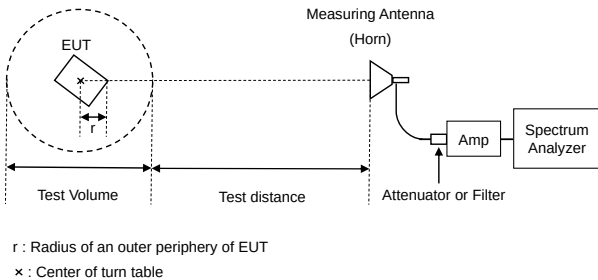
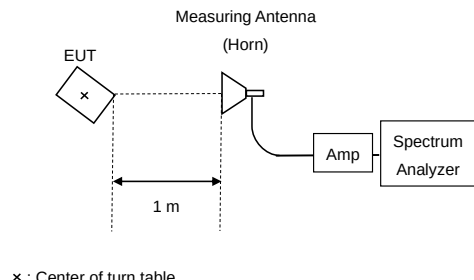
In any 100 kHz bandwidth outside the restricted band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired 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 <u>11.12.2.5.2</u> The duty cycle was less than 98% for detected noise, a duty factor was added to the 11.12.2.5.1 results.	RBW: 100 kHz VBW: 300 kHz

Figure 2: Test Setup

Below 1 GHz	
 × : Center of turn table	Test Distance: 3 m
1 GHz to 10 GHz	
 r : Radius of an outer periphery of EUT × : Center of turn table	Distance Factor: $20 \times \log (3.94 \text{ m}^* / 3.0 \text{ m}) = 2.37 \text{ dB}$ $^*(\text{Test Distance} + \text{SVSWR Volume} / 2) - r = 0.06 \text{ m}$ Test Distance: 3.0 m SVSWR Volume: 2.0 m (SVSWR Volume has been calibrated based on CISPR 16-1-4.) r: 0.06 m
10 GHz to 26.5 GHz	
 × : Center of turn table	Distance Factor: $20 \times \log (1.0 \text{ m} / 3.0 \text{ m}) = -9.54 \text{ dB}$ $^*\text{Test Distance: 1 m}$

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

[WLAN]

EUT

	Below 1 GHz	1 GHz to 2.8 GHz	2.8 GHz to 10 GHz	10 GHz to 18 GHz	18 GHz to 26.5 GHz
Horizontal	X	Z	Z	X	Y
Vertical	X	Z	Z	X	Z

Antenna

	Below 1 GHz	1 GHz to 2.8 GHz	2.8 GHz to 10 GHz	10 GHz to 18 GHz	18 GHz to 26.5 GHz
Horizontal	X	Z	X	X	X
Vertical	X	Z	Y	X	X

[BT LE]

EUT

	Below 1 GHz	1 GHz to 2.8 GHz	2.8 GHz to 10 GHz	10 GHz to 18 GHz	18 GHz to 26.5 GHz
Horizontal	X	Z	Z	X	Y
Vertical	X	Z	Z	X	Z

Antenna

	Below 1 GHz	1 GHz to 2.8 GHz	2.8 GHz to 10 GHz	10 GHz to 18 GHz	18 GHz to 26.5 GHz
Horizontal	X	X	X	X	X
Vertical	X	Z	Z	X	X

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	Enough width to display of -6 dB down amplitude	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: 160 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.

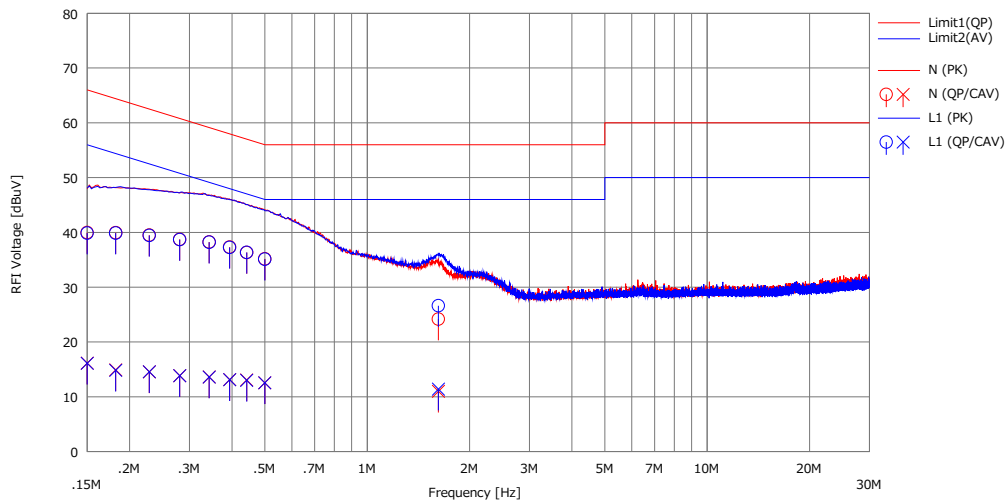
Test results are rounded off and limit are rounded down, so some differences might be observed.
The equipment and cables were not used for factor 0 dB of the data sheets.

Test Data : APPENDIX
Test Result : Pass

APPENDIX 1: Test Data

Conducted Emission

Mode	Tx 11n-20, 2437 MHz			
Date	Test site	Temperature	Humidity	Engineer
January 16, 2026	SR2	23 deg. C	31 % RH	Shiro Kobayashi



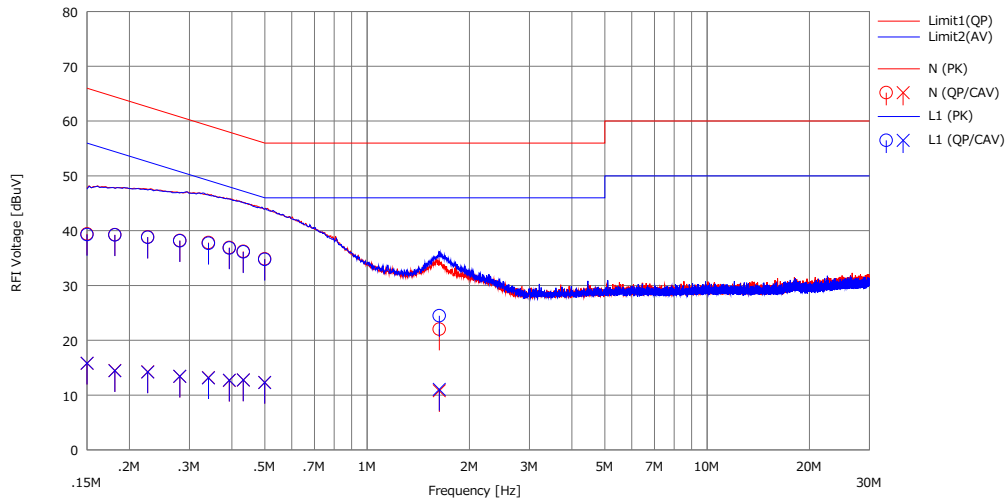
No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		[dBUV]	[dBAV]		[dBUV]	[dBAV]	[dBUV]	[dBAV]	[dB]	[dB]		
1	0.15000	24.48	0.66	15.49	39.97	16.15	66.00	56.00	26.0	39.8	N	
2	0.18210	24.47	-0.56	15.47	39.94	14.91	64.39	54.39	24.4	39.4	N	
3	0.22860	24.02	-0.93	15.47	39.49	14.54	62.50	52.50	23.0	37.9	N	
4	0.28090	23.25	-1.63	15.47	38.72	13.84	60.79	50.79	22.0	36.9	N	
5	0.34290	22.75	-1.87	15.48	38.23	13.61	59.13	49.13	20.9	35.5	N	
6	0.39390	21.82	-2.37	15.49	37.31	13.12	57.98	47.98	20.6	34.8	N	
7	0.44210	20.83	-2.43	15.49	36.32	13.06	57.02	47.02	20.7	33.9	N	
8	0.49980	19.66	-2.97	15.51	35.17	12.54	56.00	46.00	20.8	33.4	N	
9	1.61980	8.58	-4.60	15.60	24.18	11.00	56.00	46.00	31.8	35.0	N	
10	0.15000	24.40	0.63	15.47	39.87	16.10	66.00	56.00	26.1	39.9	L1	
11	0.18210	24.39	-0.65	15.47	39.86	14.82	64.39	54.39	24.5	39.5	L1	
12	0.22860	23.95	-0.92	15.48	39.43	14.56	62.50	52.50	23.0	37.9	L1	
13	0.28090	23.20	-1.64	15.48	38.68	13.84	60.79	50.79	22.1	36.9	L1	
14	0.34290	22.71	-1.90	15.49	38.20	13.59	59.13	49.13	20.9	35.5	L1	
15	0.39390	21.75	-2.39	15.50	37.25	13.11	57.98	47.98	20.7	34.8	L1	
16	0.44210	20.84	-2.51	15.50	36.34	12.99	57.02	47.02	20.6	34.0	L1	
17	0.49980	19.60	-2.97	15.51	35.11	12.54	56.00	46.00	20.8	33.4	L1	
18	1.61980	11.02	-4.22	15.60	26.62	11.38	56.00	46.00	29.3	34.6	L1	

Calculation: Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]
LISN(AMN)=LIMS ID 145540

Conducted Emission

Mode	Tx BT-LE 1M-PHY, 2440 MHz			
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Date	Test site	Temperature	Humidity	Engineer
January 16, 2026	SR2	23 deg. C	31 % RH	Shiro Kobayashi



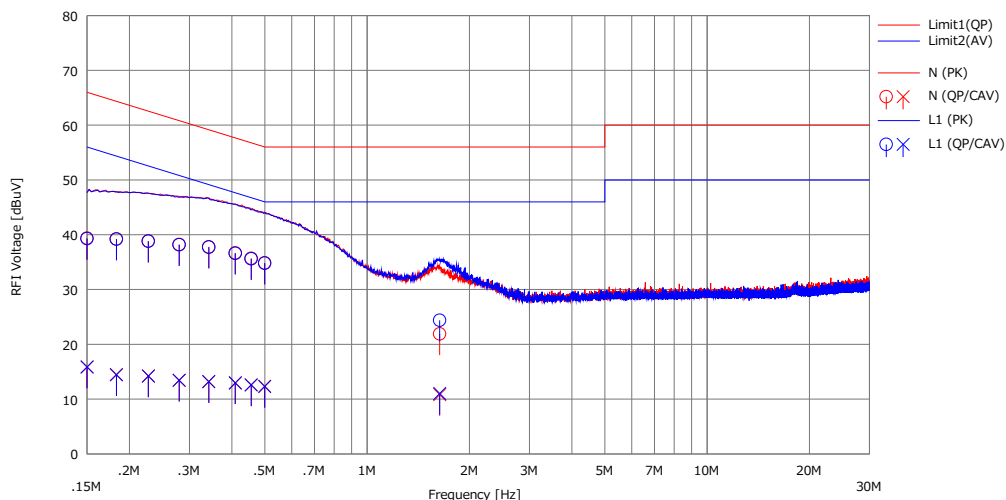
No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		<QP>	<CAV>		<QP>	<CAV>	<QP>	<AV>	<QP>	<AV>		
		[dBuV]	[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
1	0.15000	23.91	0.33	15.49	39.40	15.82	66.00	56.00	26.6	40.1	N	
2	0.18120	23.80	-0.98	15.47	39.27	14.49	64.43	54.43	25.1	39.9	N	
3	0.22620	23.37	-1.23	15.47	38.84	14.24	62.59	52.59	23.7	38.3	N	
4	0.28130	22.73	-2.07	15.48	38.21	13.41	60.78	50.78	22.5	37.3	N	
5	0.34150	22.35	-2.28	15.48	37.83	13.20	59.17	49.17	21.3	35.9	N	
6	0.39320	21.44	-2.81	15.49	36.93	12.68	58.00	48.00	21.0	35.3	N	
7	0.43230	20.73	-2.74	15.49	36.22	12.75	57.21	47.21	20.9	34.4	N	
8	0.49970	19.35	-3.19	15.51	34.86	12.32	56.00	46.00	21.1	33.6	N	
9	1.63030	6.43	-4.82	15.60	22.03	10.78	56.00	46.00	33.9	35.2	N	
10	0.15000	23.82	0.34	15.47	39.29	15.81	66.00	56.00	26.7	40.1	L1	
11	0.18120	23.76	-1.02	15.47	39.23	14.45	64.43	54.43	25.2	39.9	L1	
12	0.22620	23.32	-1.27	15.48	38.80	14.21	62.59	52.59	23.7	38.3	L1	
13	0.28130	22.67	-2.05	15.49	38.16	13.44	60.78	50.78	22.6	37.3	L1	
14	0.34150	22.21	-2.34	15.49	37.70	13.15	59.17	49.17	21.4	36.0	L1	
15	0.39320	21.35	-2.78	15.50	36.85	12.72	58.00	48.00	21.1	35.2	L1	
16	0.43230	20.64	-2.74	15.50	36.14	12.76	57.21	47.21	21.0	34.4	L1	
17	0.49970	19.26	-3.21	15.51	34.77	12.30	56.00	46.00	21.2	33.7	L1	
18	1.63030	8.88	-4.56	15.60	24.48	11.04	56.00	46.00	31.5	34.9	L1	

Calculation: Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]
LISN(AMN)=LIMS ID 145540

Conducted Emission

Mode	Tx BT-LE 2M-PHY, 2440 MHz			
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Date	Test site	Temperature	Humidity	Engineer
January 16, 2026	SR2	23 deg. C	31 % RH	Shiro Kobayashi



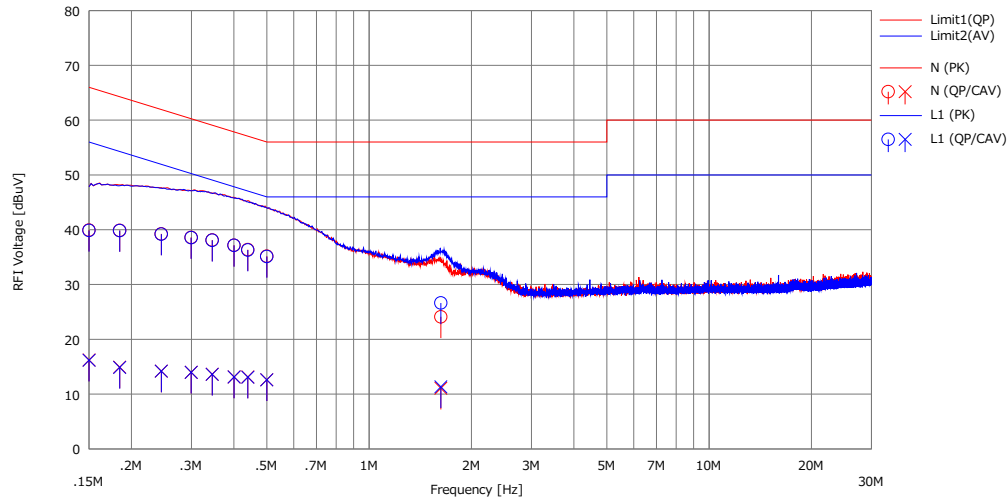
No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		<QP> [dBuV]	<CAV> [dBuV]		<QP> [dBuV]	<CAV> [dBuV]	<QP> [dBuV]	<AV> [dBuV]	<QP> [dB]	<AV> [dB]		
1	0.15000	23.87	0.37	15.49	39.36	15.86	66.00	56.00	26.6	40.1	N	
2	0.18310	23.75	-0.99	15.47	39.22	14.48	64.34	54.34	25.1	39.8	N	
3	0.22730	23.36	-1.26	15.47	38.83	14.21	62.55	52.55	23.7	38.3	N	
4	0.28010	22.74	-2.03	15.47	38.21	13.44	60.81	50.81	22.6	37.3	N	
5	0.34220	22.29	-2.28	15.48	37.77	13.20	59.15	49.15	21.3	35.9	N	
6	0.40960	21.18	-2.53	15.49	36.67	12.96	57.66	47.66	20.9	34.7	N	
7	0.45610	20.18	-2.93	15.50	35.68	12.58	56.76	46.76	21.0	34.1	N	
8	0.49960	19.35	-3.16	15.51	34.86	12.35	56.01	46.01	21.1	33.6	N	
9	1.63470	6.29	-4.78	15.60	21.89	10.82	56.00	46.00	34.1	35.1	N	
10	0.15000	23.82	0.38	15.47	39.29	15.85	66.00	56.00	26.7	40.1	L1	
11	0.18310	23.72	-1.04	15.47	39.19	14.43	64.34	54.34	25.1	39.9	L1	
12	0.22730	23.32	-1.28	15.48	38.80	14.21	62.55	52.55	23.7	38.3	L1	
13	0.28010	22.70	-2.04	15.48	38.18	13.44	60.81	50.81	22.6	37.3	L1	
14	0.34220	22.22	-2.31	15.49	37.71	13.18	59.15	49.15	21.4	35.9	L1	
15	0.40960	21.10	-2.55	15.50	36.60	12.95	57.66	47.66	21.0	34.7	L1	
16	0.45610	20.08	-2.91	15.50	35.58	12.59	56.76	46.76	21.1	34.1	L1	
17	0.49960	19.28	-3.21	15.51	34.79	12.30	56.01	46.01	21.2	33.7	L1	
18	1.63470	8.78	-4.58	15.60	24.38	11.02	56.00	46.00	31.6	34.9	L1	

Calculation: Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]
LISN(AMN)=LIMS ID 145540

Conducted Emission

Mode	Tx BT-LE 2M-PHY, 2480 MHz + Tx 11a, 5500 MHz			
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Date	Test site	Temperature	Humidity	Engineer
January 16, 2026	SR2	23 deg. C	31 % RH	Shiro Kobayashi



No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		<QP> [dBuV]	<CAV> [dBuV]		<QP> [dBuV]	<CAV> [dBuV]	<QP> [dBuV]	<AV> [dBuV]	<QP> [dB]	<AV> [dB]		
1	0.15000	24.43	0.74	15.49	39.92	16.23	66.00	56.00	26.0	39.7	N	
2	0.18470	24.40	-0.55	15.47	39.87	14.92	64.27	54.27	24.4	39.3	N	
3	0.24470	23.75	-1.27	15.47	39.22	14.20	61.94	51.94	22.7	37.7	N	
4	0.29960	23.10	-1.51	15.48	38.58	13.97	60.25	50.25	21.6	36.2	N	
5	0.34560	22.63	-1.85	15.48	38.11	13.63	59.07	49.07	20.9	35.4	N	
6	0.40050	21.66	-2.37	15.49	37.15	13.12	57.84	47.84	20.6	34.7	N	
7	0.43990	20.87	-2.36	15.49	36.36	13.13	57.06	47.06	20.7	33.9	N	
8	0.49990	19.66	-2.89	15.51	35.17	12.62	56.00	46.00	20.8	33.3	N	
9	1.62510	8.49	-4.52	15.60	24.09	11.08	56.00	46.00	31.9	34.9	N	
10	0.15000	24.39	0.71	15.47	39.86	16.18	66.00	56.00	26.1	39.8	L1	
11	0.18470	24.37	-0.61	15.47	39.84	14.86	64.27	54.27	24.4	39.4	L1	
12	0.24470	23.71	-1.27	15.47	39.18	14.20	61.94	51.94	22.7	37.7	L1	
13	0.29960	23.06	-1.51	15.49	38.55	13.98	60.25	50.25	21.7	36.2	L1	
14	0.34560	22.58	-1.88	15.49	38.07	13.61	59.07	49.07	21.0	35.4	L1	
15	0.40050	21.63	-2.37	15.50	37.13	13.13	57.84	47.84	20.7	34.7	L1	
16	0.43990	20.79	-2.42	15.50	36.29	13.08	57.06	47.06	20.7	33.9	L1	
17	0.49990	19.59	-2.90	15.51	35.10	12.61	56.00	46.00	20.9	33.3	L1	
18	1.62510	11.03	-4.28	15.60	26.63	11.32	56.00	46.00	29.3	34.6	L1	

Calculation: Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]
LISN(AMN)=LIMS ID 145540

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
December 06, 2025	SR5	22 deg.C	26 %RH	Makoto Hosaka

11b

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	11156.0	7.565	> 0.5000
2437	11201.7	7.542	> 0.5000
2462	11122.0	7.606	> 0.5000

11g

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	16796.9	16.370	> 0.5000
2437	16787.2	16.375	> 0.5000
2462	16797.9	16.372	> 0.5000

11n-20

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	17886.4	17.608	> 0.5000
2437	17897.2	17.592	> 0.5000
2462	17923.9	17.589	> 0.5000

11ax-20(OFDM)

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	19028.0	18.960	> 0.5000
2437	19000.6	18.998	> 0.5000
2462	19000.0	19.027	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
December 07, 2025	SR5	20 deg.C	31 %RH	Yosuke Murakami

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

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	0	18469.8	2.039	> 0.5000
2437	4	16972.2	2.665	> 0.5000
2462	8	18369.1	2.030	> 0.5000

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

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	37	18275.7	4.124	> 0.5000
2437	38	17086.9	4.061	> 0.5000
2462	40	18291.5	4.094	> 0.5000

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

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	53	18247.2	8.354	> 0.5000
2437	53	18223.1	8.382	> 0.5000
2462	54	18121.8	8.375	> 0.5000

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

Tested Frequency [MHz]	RU Index	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2412	61	19061.4	19.021	> 0.5000
2437	61	19069.0	19.011	> 0.5000
2462	61	19062.8	19.052	> 0.5000

99 % Occupied Bandwidth and 6 dB Bandwidth

Mode	Tx			
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Date	Test Place	Temperature	Humidity	Engineer
December 07, 2025	SR5	20 deg.C	31 %RH	Yosuke Murakami

BT LE 1M-PHY

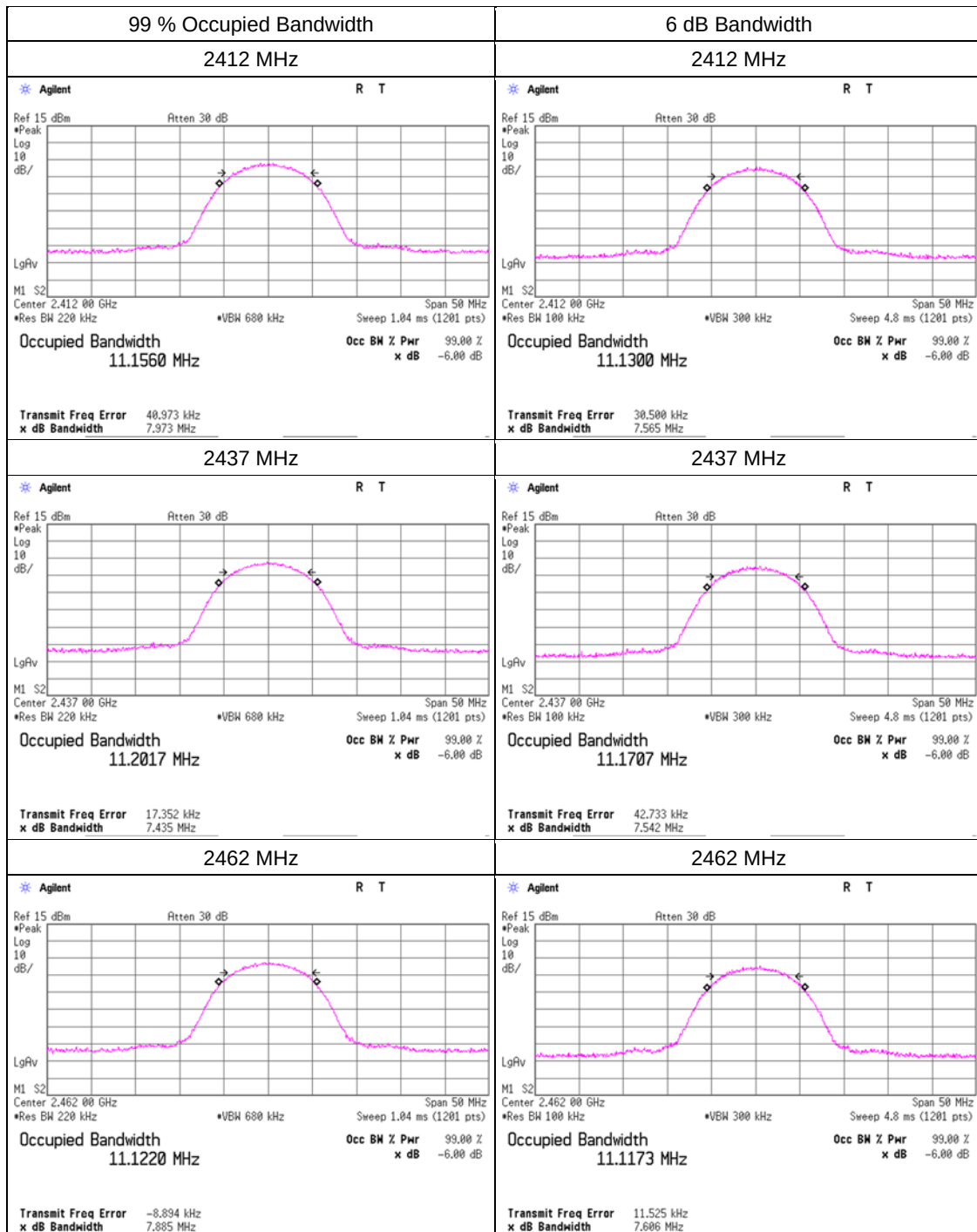
Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2402	1050.5	0.685	> 0.5000
2440	1051.8	0.689	> 0.5000
2480	1053.8	0.694	> 0.5000

BT LE 2M-PHY

Tested Frequency [MHz]	99 % Occupied Bandwidth [kHz]	6 dB Bandwidth [MHz]	Limit for 6 dB Bandwidth [MHz]
2402	2062.5	1.269	> 0.5000
2440	2064.6	1.272	> 0.5000
2480	2075.0	1.272	> 0.5000

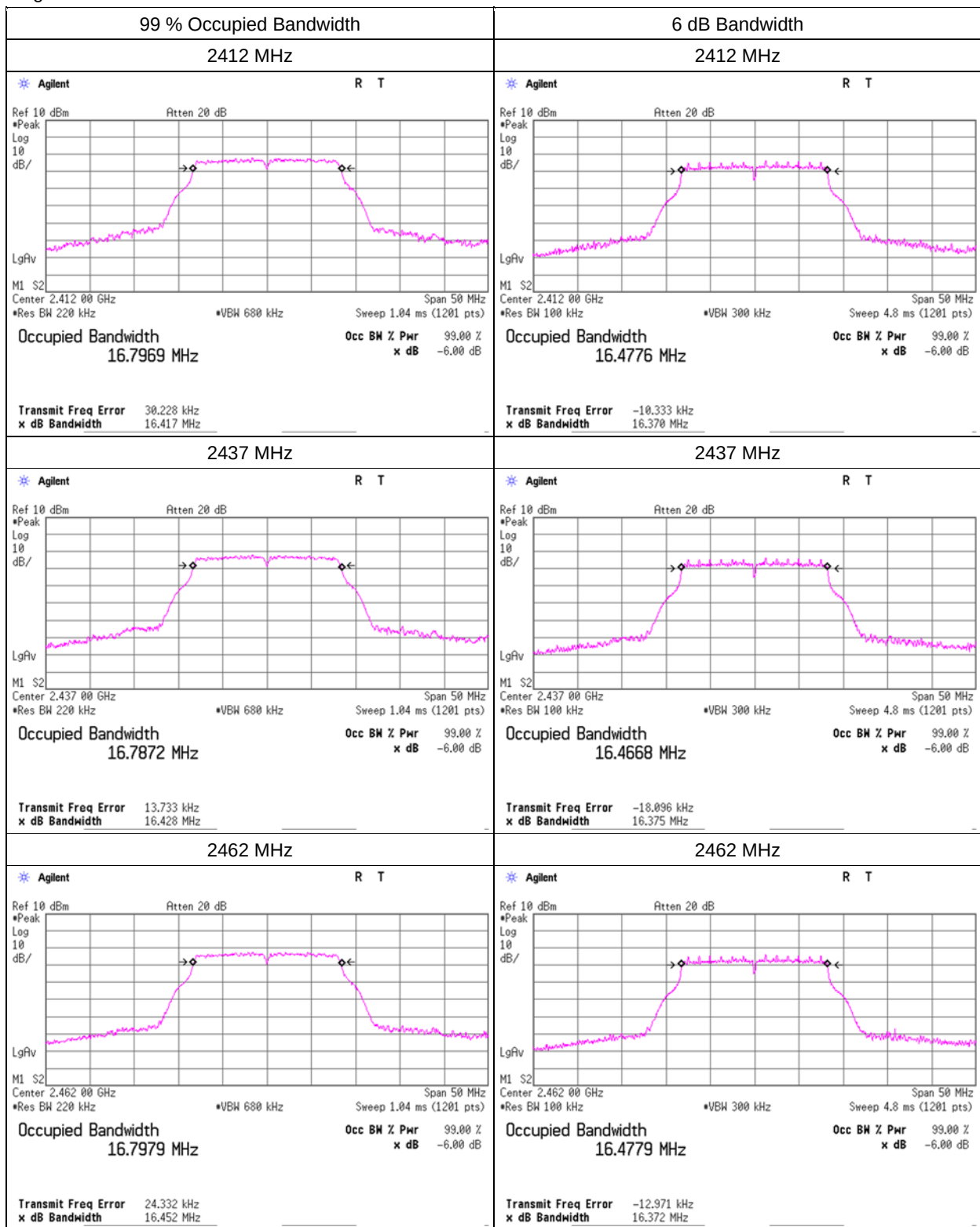
99 % Occupied Bandwidth and 6 dB Bandwidth

11b



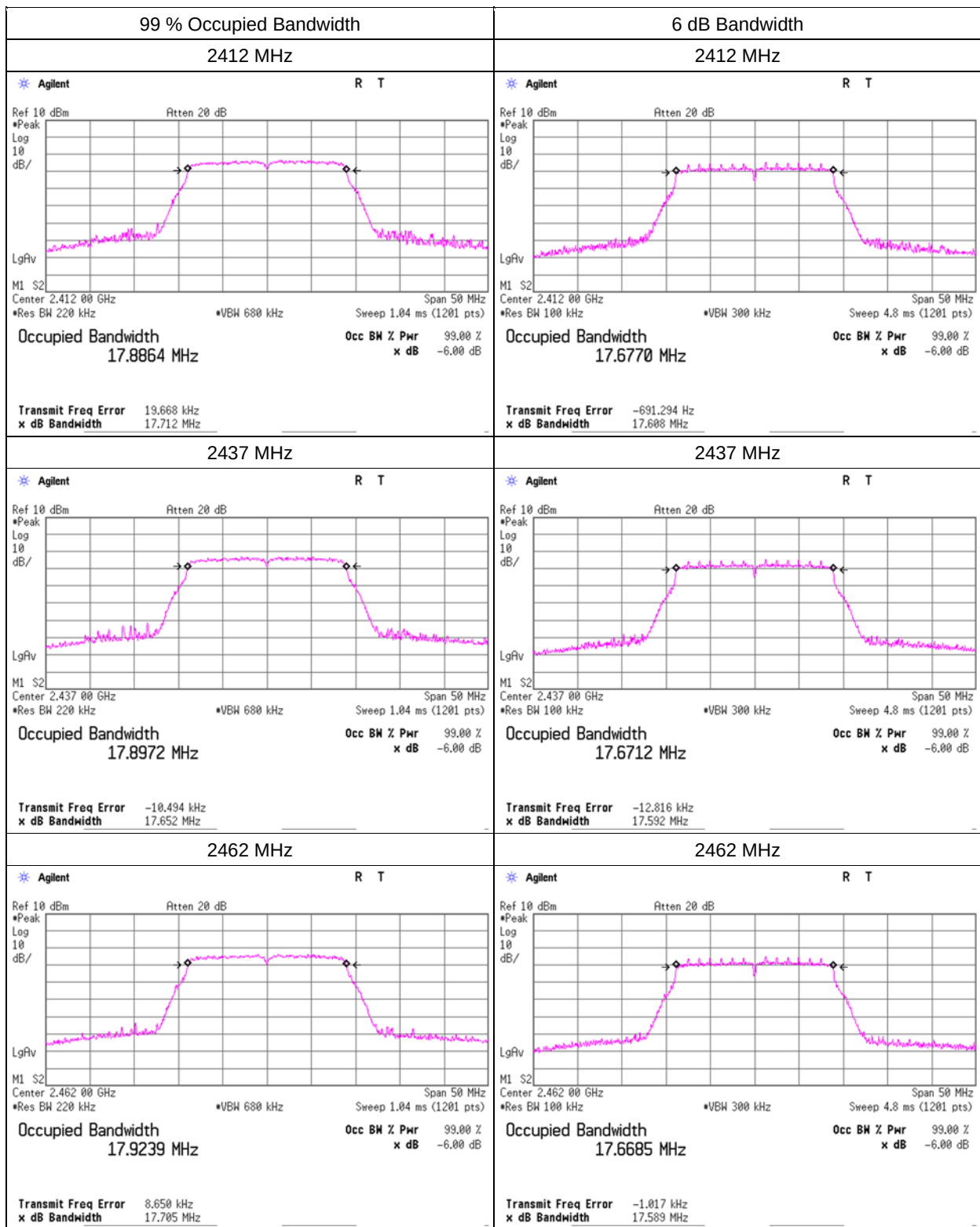
99 % Occupied Bandwidth and 6 dB Bandwidth

11g



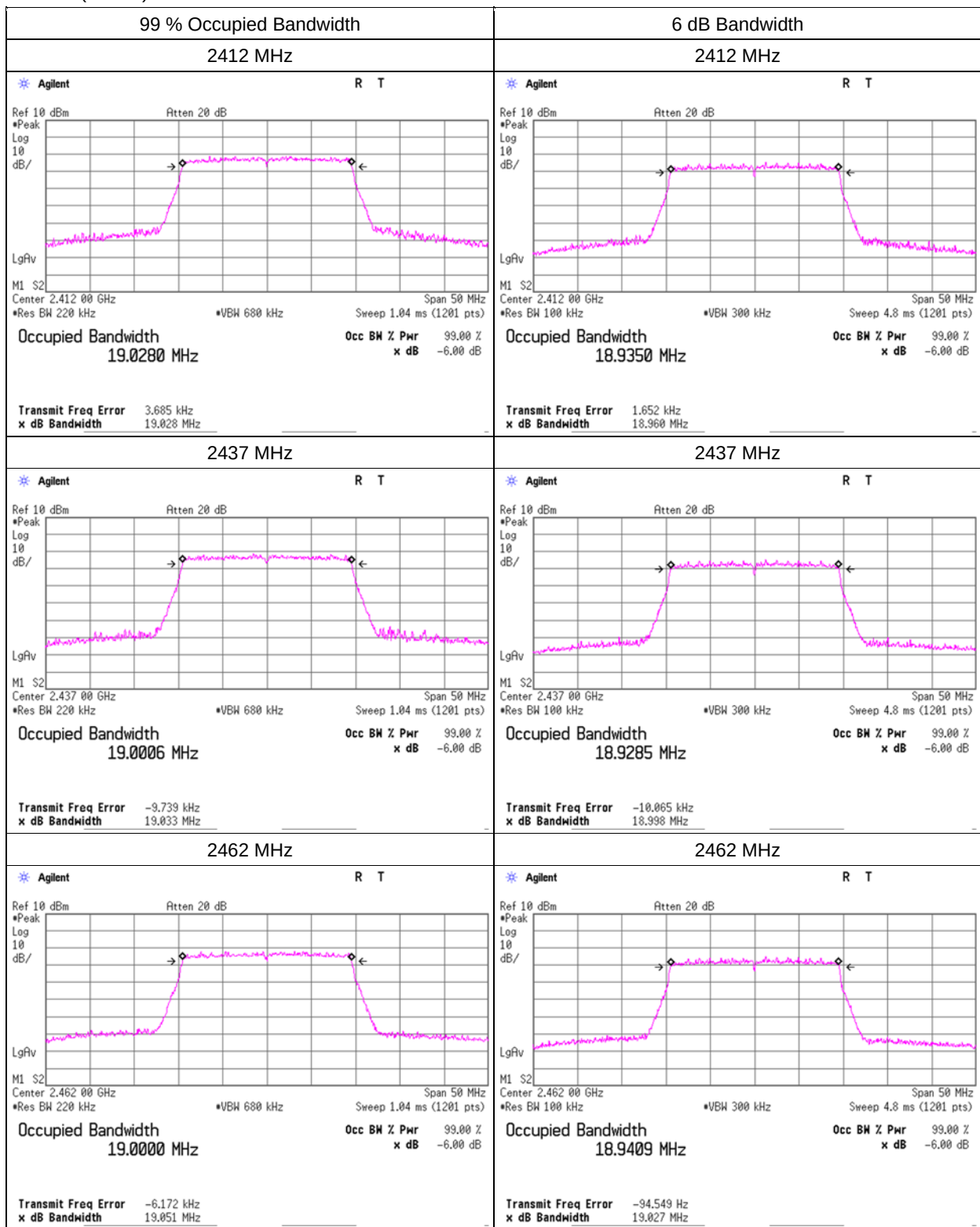
99 % Occupied Bandwidth and 6 dB Bandwidth

11n-20



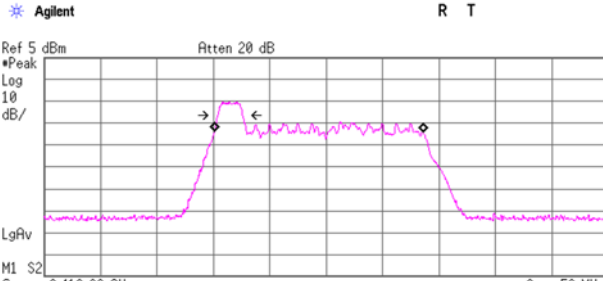
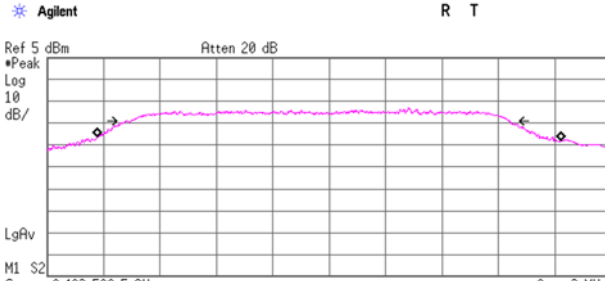
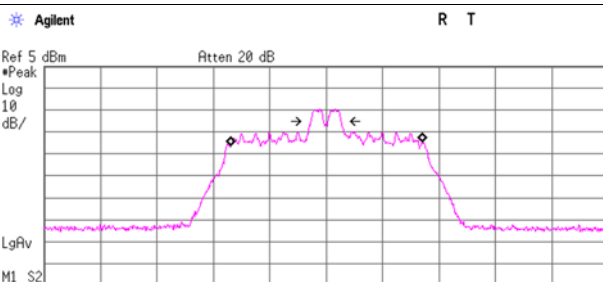
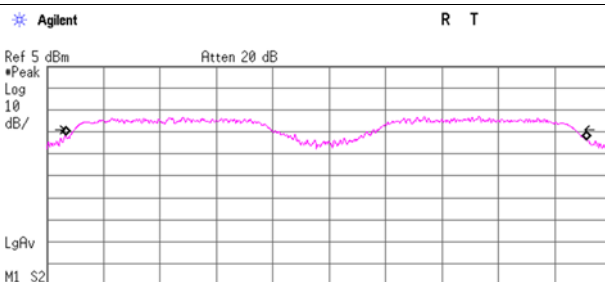
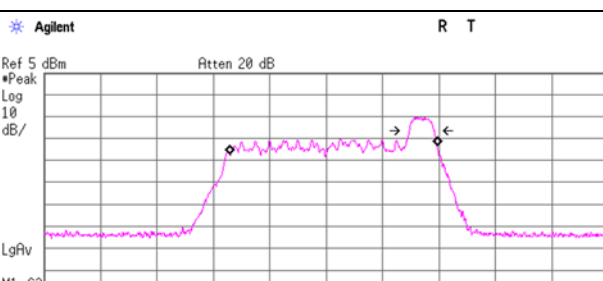
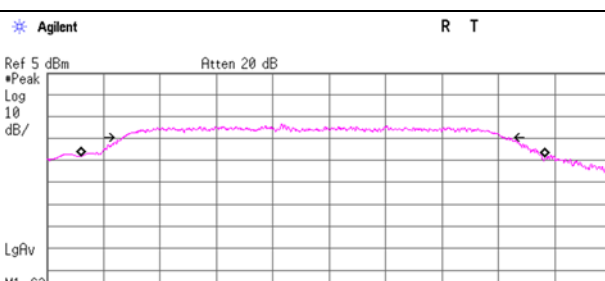
99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDM)



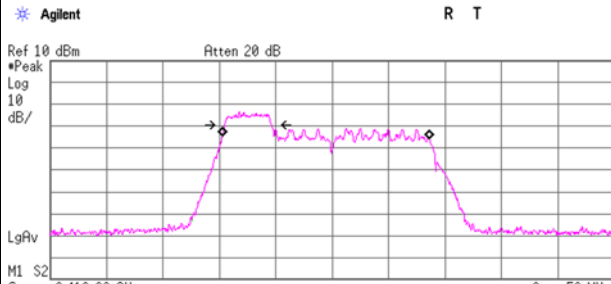
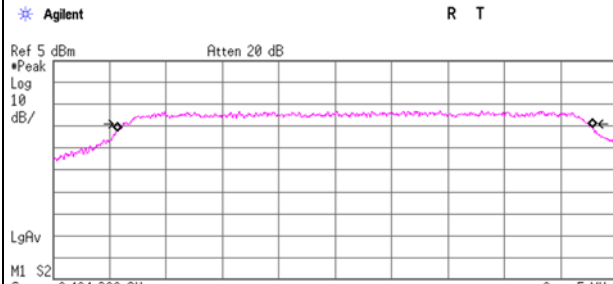
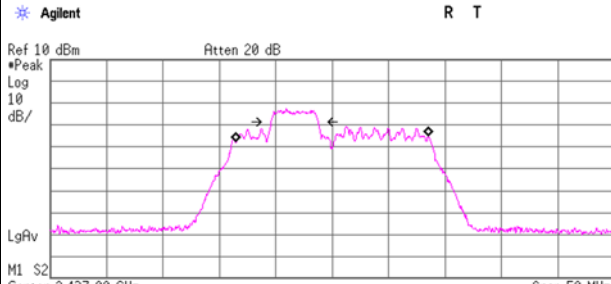
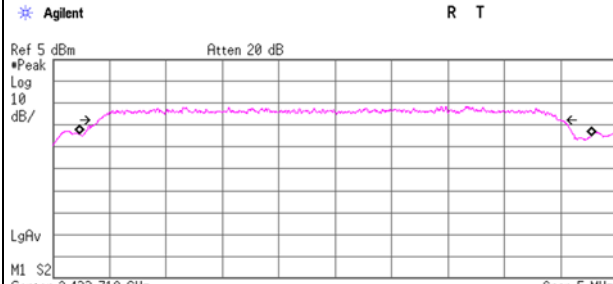
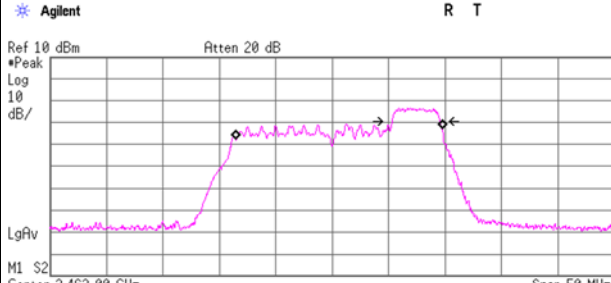
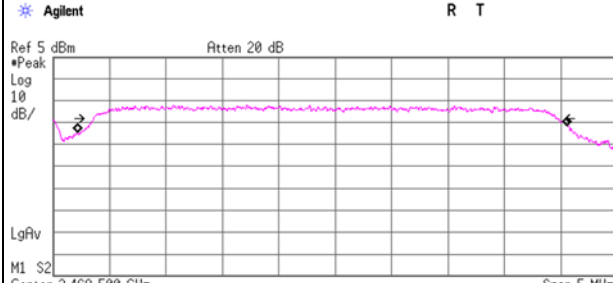
99 % Occupied Bandwidth and 6 dB Bandwidth

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

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 0	RU Index 0
 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgAv 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 18.4698 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -638.813 kHz x dB Bandwidth 2.170 MHz	 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.403 562 5 GHz *Res BW 100 kHz Span 3 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.4722 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -32.054 Hz x dB Bandwidth 2.039 MHz
2437 MHz	2437 MHz
RU Index 4	RU Index 4
 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.437 00 GHz *Res BW 220 kHz Span 50 MHz *VBW 680 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 16.9722 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 35.876 kHz x dB Bandwidth 2.692 MHz	 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.437 000 0 GHz *Res BW 100 kHz Span 3 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.7693 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -15.205 kHz x dB Bandwidth 2.665 MHz
2462 MHz	2462 MHz
RU Index 8	RU Index 8
 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.462 00 GHz *Res BW 220 kHz Span 50 MHz *VBW 680 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 18.3691 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 653.118 kHz x dB Bandwidth 2.142 MHz	 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgAv Atten 20 dB M1 S2 Center 2.470 515 6 GHz *Res BW 100 kHz Span 3 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 2.4663 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -86.366 kHz x dB Bandwidth 2.030 MHz

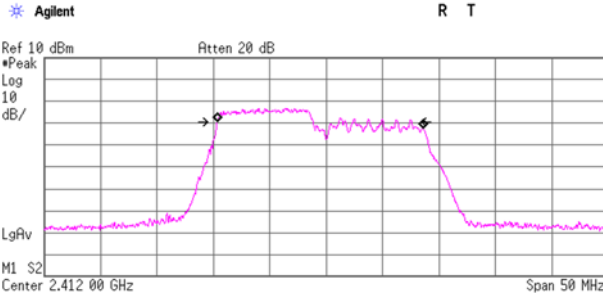
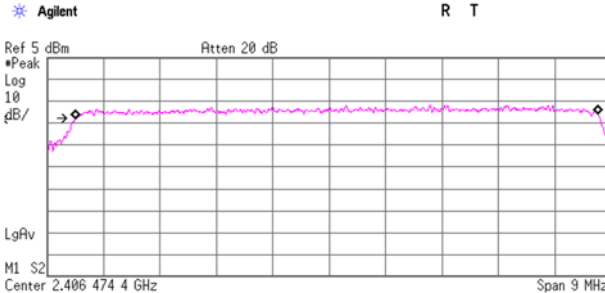
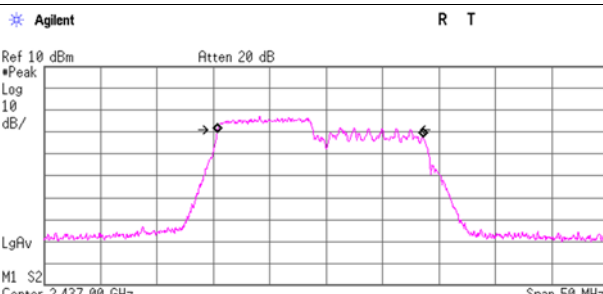
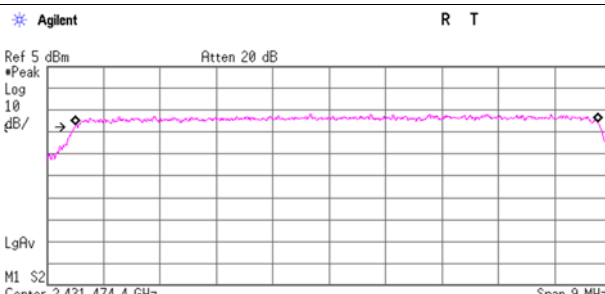
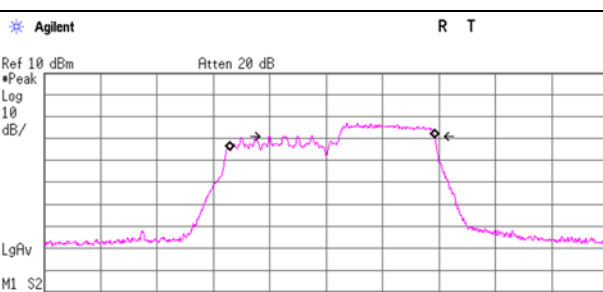
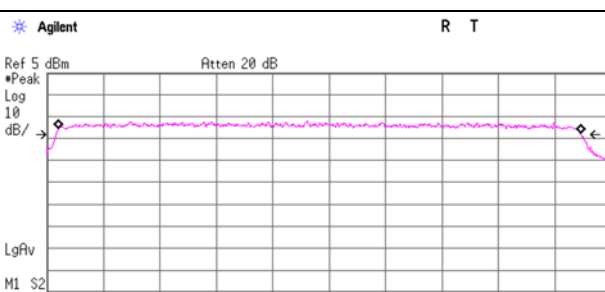
99 % Occupied Bandwidth and 6 dB Bandwidth

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

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 37	RU Index 37
 Agilent R T Ref 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 18.2757 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -559.477 kHz x dB Bandwidth 4.126 MHz	 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.404 328 GHz *Res BW 100 kHz Span 5 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 4.2151 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 177.331 kHz x dB Bandwidth 4.124 MHz
2437 MHz	2437 MHz
RU Index 38	RU Index 38
 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 17.0869 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -17.903 kHz x dB Bandwidth 4.173 MHz	 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.433 719 GHz *Res BW 100 kHz Span 5 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 4.5335 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 2.878 kHz x dB Bandwidth 4.061 MHz
2462 MHz	2462 MHz
RU Index 40	RU Index 40
 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 18.2915 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 585.010 kHz x dB Bandwidth 4.199 MHz	 Agilent R T Ref 5 dBm *Peak Log 10 dB/ LgRv Atten 20 dB M1 S2 Center 2.469 500 GHz *Res BW 100 kHz Span 5 MHz *VBW 300 kHz Sweep 1.04 ms (1201 pts) Occupied Bandwidth 4.3440 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -112.850 kHz x dB Bandwidth 4.094 MHz

99 % Occupied Bandwidth and 6 dB Bandwidth

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

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 53	RU Index 53
 Occupied Bandwidth 18.2472 MHz Transmit Freq Error -515.184 kHz x dB Bandwidth 17.236 MHz	 Occupied Bandwidth 8.3287 MHz Transmit Freq Error 124.694 kHz x dB Bandwidth 8.354 MHz
2437 MHz	2437 MHz
RU Index 53	RU Index 53
 Occupied Bandwidth 18.2231 MHz Transmit Freq Error -522.545 kHz x dB Bandwidth 17.143 MHz	 Occupied Bandwidth 8.3307 MHz Transmit Freq Error 121.796 kHz x dB Bandwidth 8.382 MHz
2462 MHz	2462 MHz
RU Index 54	RU Index 54
 Occupied Bandwidth 18.1218 MHz Transmit Freq Error 579.923 kHz x dB Bandwidth 14.615 MHz	 Occupied Bandwidth 8.3241 MHz Transmit Freq Error -147.576 kHz x dB Bandwidth 8.375 MHz

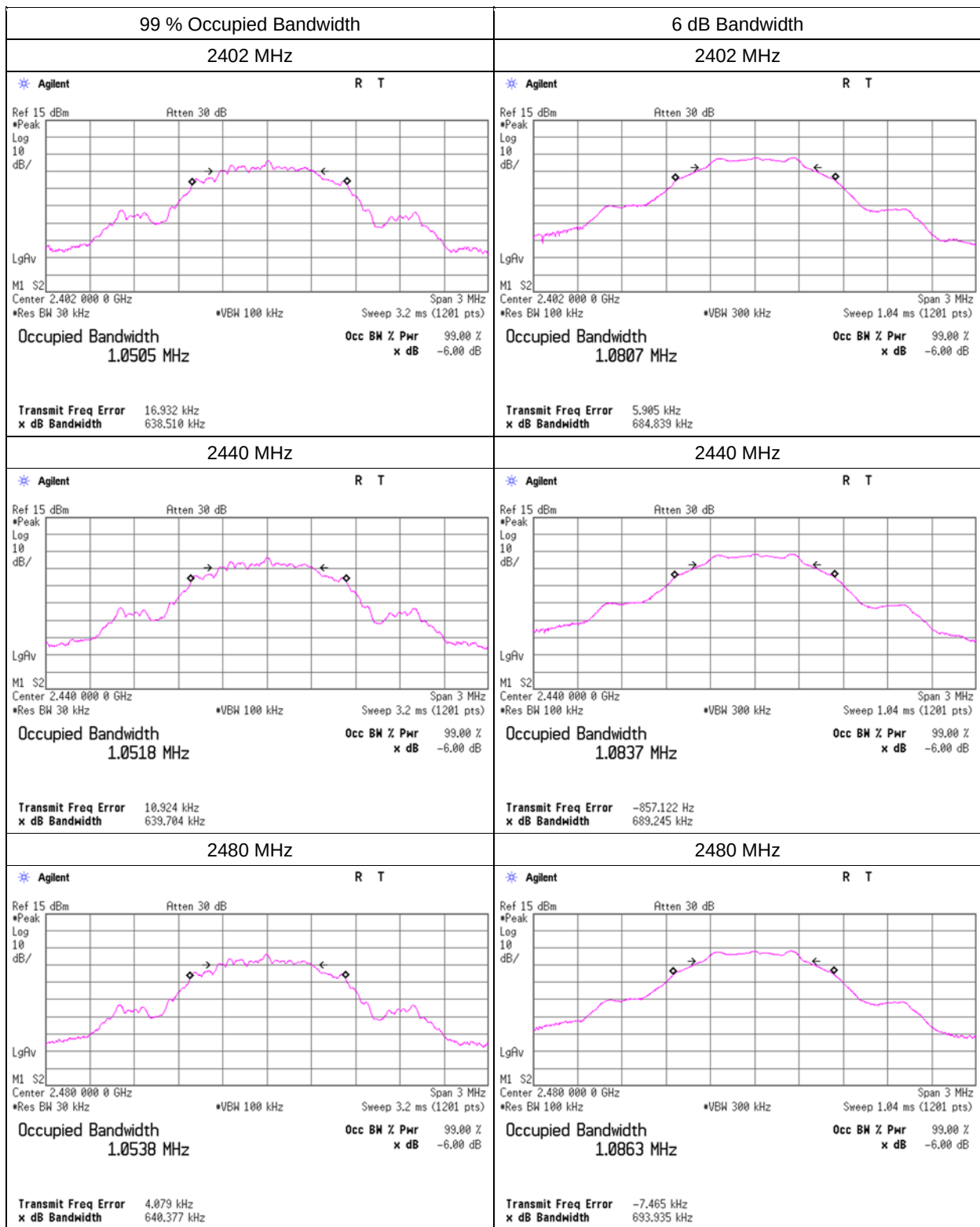
99 % Occupied Bandwidth and 6 dB Bandwidth

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

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 61	RU Index 61
Agilent R T Ref 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 19.0614 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error 14.588 kHz x dB Bandwidth 19.083 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 18.9294 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -8.925 kHz x dB Bandwidth 19.021 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 19.0690 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -18.211 kHz x dB Bandwidth 19.273 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 18.8959 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -9.000 kHz x dB Bandwidth 19.011 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 19.0628 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -2.186 kHz x dB Bandwidth 19.096 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 18.9111 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB Transmit Freq Error -4.065 kHz x dB Bandwidth 19.052 MHz

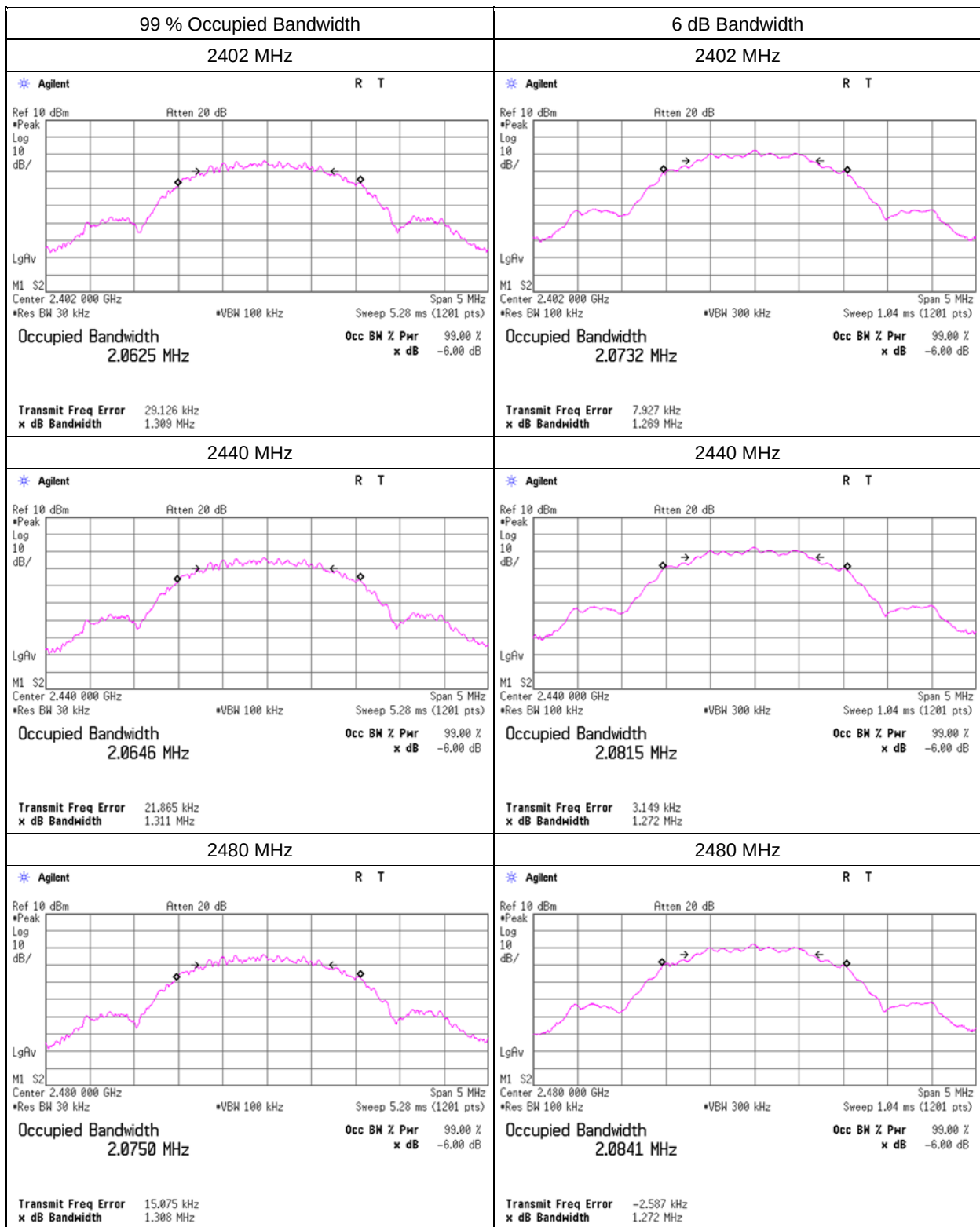
99 % Occupied Bandwidth and 6 dB Bandwidth

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
December 03, 2025	SR5	22 deg.C	65 %RH	Makoto Hosaka

11b

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	0.57	1.56	9.95	12.08	16.15	30.00	1000.00	17.92	4.02	16.10	40.74	36.02	4000.00	19.92
2437	0.44	1.57	9.95	11.96	15.71	30.00	1000.00	18.04	4.02	15.98	39.63	36.02	4000.00	20.04
2462	0.27	1.58	9.95	11.80	15.14	30.00	1000.00	18.20	4.02	15.82	38.20	36.02	4000.00	20.20

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
-	1	-	-0.78	1.56	9.95	10.73	11.83	-
	2	-	-0.60	1.56	9.95	10.91	12.33	-
	6	-	-0.53	1.56	9.95	10.98	12.53	-
	11	-	-0.45	1.56	9.95	11.06	12.76	*

*Worst Rate

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

*) Worst Rate Check was performed at different power setting than the main measurement.

Maximum Peak Output Power

Mode	Tx 11g
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Date	Test Place	Temperature	Humidity	Engineer
December 03, 2025	SR5	22 deg.C	65 %RH	Makoto Hosaka

11g

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	7.71	1.56	9.95	19.22	83.57	30.00	1000.00	10.78	4.02	23.24	210.87	36.02	4000.00	12.78
2437	7.75	1.57	9.95	19.27	84.53	30.00	1000.00	10.73	4.02	23.29	213.31	36.02	4000.00	12.73
2462	7.65	1.58	9.95	19.18	82.80	30.00	1000.00	10.82	4.02	23.20	208.93	36.02	4000.00	12.82

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]	
-	6	-	7.09	1.56	9.95	18.60	72.44	*
	9	-	6.72	1.56	9.95	18.23	66.53	-
	12	-	6.90	1.56	9.95	18.41	69.34	-
	18	-	6.62	1.56	9.95	18.13	65.01	-
	24	-	6.72	1.56	9.95	18.23	66.53	-
	36	-	7.02	1.56	9.95	18.53	71.29	-
	48	-	6.88	1.56	9.95	18.39	69.02	-
	54	-	6.71	1.56	9.95	18.22	66.37	-

*Worst Rate

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

*) Worst Rate Check was performed at different power setting than the main measurement.

Maximum Peak Output Power

Mode	Tx 11n-20
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Date	Test Place	Temperature	Humidity	Engineer
December 03, 2025	SR5	22 deg.C	65 %RH	Makoto Hosaka

11n-20

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	7.70	1.56	9.95	19.21	83.37	30.00	1000.00	10.79	4.02	23.23	210.38	36.02	4000.00	12.79
2437	7.79	1.57	9.95	19.31	85.32	30.00	1000.00	10.69	4.02	23.33	215.28	36.02	4000.00	12.69
2462	7.52	1.58	9.95	19.05	80.36	30.00	1000.00	10.95	4.02	23.07	202.77	36.02	4000.00	12.95

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

Worst rate check (2412 MHz)

Antenna	MCS Index	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
						[dBm]	[mW]	
-	0	-	6.64	1.56	9.95	18.15	65.31	*
	1	-	6.40	1.56	9.95	17.91	61.80	-
	2	-	6.37	1.56	9.95	17.88	61.38	-
	3	-	6.61	1.56	9.95	18.12	64.86	-
	4	-	6.23	1.56	9.95	17.74	59.43	-
	5	-	6.60	1.56	9.95	18.11	64.71	-
	6	-	6.20	1.56	9.95	17.71	59.02	-
	7	-	6.49	1.56	9.95	18.00	63.10	-

*Worst MCS

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

*) Worst Rate Check was performed at different power setting than the main measurement.

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDM)
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Date	Test Place	Temperature	Humidity	Engineer
December 03, 2025	SR5	22 deg.C	65 %RH	Makoto Hosaka

11ax-20(OFDM)

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	7.36	1.56	9.95	18.87	77.10	30.00	1000.00	11.13	4.02	22.89	194.54	36.02	4000.00	13.13
2437	7.56	1.57	9.95	19.08	80.91	30.00	1000.00	10.92	4.02	23.10	204.18	36.02	4000.00	12.92
2462	7.34	1.58	9.95	18.87	77.10	30.00	1000.00	11.13	4.02	22.89	194.54	36.02	4000.00	13.13

Sample Calculation:

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

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

Worst rate check (2412 MHz)

Antenna	MCS Index	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm] [mW]		Remark
-	0 (1SS)	-	6.93	1.56	9.95	18.44	69.82	*
	1 (1SS)	-	6.58	1.56	9.95	18.09	64.42	-
	2 (1SS)	-	6.69	1.56	9.95	18.20	66.07	-
	3 (1SS)	-	6.80	1.56	9.95	18.31	67.76	-
	4 (1SS)	-	6.73	1.56	9.95	18.24	66.68	-
	5 (1SS)	-	6.84	1.56	9.95	18.35	68.39	-
	6 (1SS)	-	6.54	1.56	9.95	18.05	63.83	-
	7 (1SS)	-	6.75	1.56	9.95	18.26	66.99	-
	8 (1SS)	-	6.78	1.56	9.95	18.29	67.45	-
	9 (1SS)	-	6.73	1.56	9.95	18.24	66.68	-
	10 (1SS)	-	6.88	1.56	9.95	18.39	69.02	-
	11 (1SS)	-	6.54	1.56	9.95	18.05	63.83	-

*Worst MCS

(* SS: Spatial Stream)

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

*) Worst Rate Check was performed at different power setting than the main measurement.

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)
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Date	Test Place	Temperature	Humidity	Engineer
December 05, 2025	SR5	25 deg.C	47 %RH	Makoto Hosaka

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

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	Antenna Gain [dBi]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]			[dBm]	[mW]	[dBm]	[mW]	
2412	0	-3.49	1.56	9.95	8.02	6.34	30.00	1000.00	21.98	4.02	12.04	16.00	36.02	4000.00	23.98
2437	4	-2.73	1.57	9.95	8.79	7.57	30.00	1000.00	21.21	4.02	12.81	19.10	36.02	4000.00	23.21
2462	8	-3.38	1.58	9.95	8.15	6.54	30.00	1000.00	21.85	4.02	12.17	16.49	36.02	4000.00	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 + Antenna Gain

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

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
					[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	37	1.34	1.56	9.95	12.85	19.28	30.00	1000.00	17.15	4.02	16.87	48.65	36.02	4000.00	19.15
2437	38	1.41	1.57	9.95	12.93	19.64	30.00	1000.00	17.07	4.02	16.95	49.55	36.02	4000.00	19.07
2462	40	1.21	1.58	9.95	12.74	18.80	30.00	1000.00	17.26	4.02	16.76	47.43	36.02	4000.00	19.26

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

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

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	Antenna Gain [dBi]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]			[dBm]	[mW]	[dBm]	[mW]	
2412	53	4.19	1.56	9.95	15.70	37.16	30.00	1000.00	14.30	4.02	19.72	93.76	36.02	4000.00	16.30
2437	53	4.44	1.57	9.95	15.96	39.45	30.00	1000.00	14.04	4.02	19.98	99.55	36.02	4000.00	16.04
2462	54	3.96	1.58	9.95	15.49	35.40	30.00	1000.00	14.51	4.02	19.51	89.34	36.02	4000.00	16.51

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

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

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	Antenna Gain [dBi]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]			[dBm]	[mW]	[dBm]	[mW]	
2412	61	7.66	1.56	9.95	19.17	82.61	30.00	1000.00	10.83	4.02	23.19	208.45	36.02	4000.00	12.83
2437	61	7.56	1.57	9.95	19.08	80.91	30.00	1000.00	10.92	4.02	23.10	204.18	36.02	4000.00	12.92
2462	61	7.51	1.58	9.95	19.04	80.17	30.00	1000.00	10.96	4.02	23.06	202.31	36.02	4000.00	12.96

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 11ax-20(OFDMA), Pre-correction mode (Lowest power)
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Date	Test Place	Temperature	Humidity	Engineer
February 18, 2026	SR5	24 deg.C	59 %RH	Naoki Saga

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

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
					[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	0	-1.31	1.56	-	0.25	1.06	30.00	1000.00	29.75	4.02	4.27	2.68	36.02	4000.00	31.75
2437	4	-0.26	1.57	-	1.31	1.36	30.00	1000.00	28.69	4.02	5.33	3.42	36.02	4000.00	30.69
2462	8	-1.71	1.58	-	-0.14	0.97	30.00	1000.00	30.14	4.02	3.88	2.45	36.02	4000.00	32.14

Sample Calculation:

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

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

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

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin	Antenna Gain [dBi]	Result		Limit		Margin
					[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	37	-0.21	1.56	-	1.35	1.37	30.00	1000.00	28.65	4.02	5.37	3.45	36.02	4000.00	30.65
2437	38	0.38	1.57	-	1.95	1.57	30.00	1000.00	28.05	4.02	5.97	3.96	36.02	4000.00	30.05
2462	40	-1.13	1.58	-	0.45	1.11	30.00	1000.00	29.55	4.02	4.47	2.80	36.02	4000.00	31.55

Sample Calculation:

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

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

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

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	Antenna Gain [dBi]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]			[dBm]	[mW]	[dBm]	[mW]	
2412	53	-0.82	1.56	-	0.74	1.19	30.00	1000.00	29.26	4.02	4.76	3.00	36.02	4000.00	31.26
2437	53	-0.79	1.57	-	0.78	1.20	30.00	1000.00	29.22	4.02	4.80	3.02	36.02	4000.00	31.22
2462	54	-1.27	1.58	-	0.31	1.08	30.00	1000.00	29.69	4.02	4.33	2.72	36.02	4000.00	31.69

Sample Calculation:

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

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

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

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	Antenna Gain [dBi]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]			[dBm]	[mW]	[dBm]	[mW]	
2412	61	-0.11	1.56	-	1.45	1.40	30.00	1000.00	28.55	4.02	5.47	3.53	36.02	4000.00	30.55
2437	61	-0.56	1.57	-	1.01	1.27	30.00	1000.00	28.99	4.02	5.03	3.19	36.02	4000.00	30.99
2462	61	-1.02	1.58	-	0.56	1.14	30.00	1000.00	29.44	4.02	4.58	2.88	36.02	4000.00	31.44

Sample Calculation:

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

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

Maximum Peak Output Power

Mode	Tx BT LE
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Date	Test Place	Temperature	Humidity	Engineer
December 05, 2025	SR5	25 deg.C	47 %RH	Makoto Hosaka

BT LE 1M-PHY

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power					Antenna Gain [dBi]	e.i.r.p. for RSS-247				
				Result		Limit		Margin		Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-6.09	1.56	9.95	5.42	3.49	30.00	1000.00	24.58	4.02	9.44	8.80	36.02	4000.00	26.58
2440	-5.94	1.57	9.95	5.58	3.62	30.00	1000.00	24.42	4.02	9.60	9.13	36.02	4000.00	26.42
2480	-6.24	1.58	9.95	5.30	3.39	30.00	1000.00	24.70	4.02	9.32	8.56	36.02	4000.00	26.70

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

BT LE 2M-PHY

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power					Antenna Gain [dBi]	e.i.r.p. for RSS-247				
				Result		Limit		Margin		Result		Limit		Margin
				[dBm]	[mW]	[dBm]	[mW]	[dB]		[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-6.08	1.56	9.95	5.43	3.50	30.00	1000.00	24.57	4.02	9.45	8.82	36.02	4000.00	26.57
2440	-5.90	1.57	9.95	5.62	3.65	30.00	1000.00	24.38	4.02	9.64	9.21	36.02	4000.00	26.38
2480	-6.23	1.58	9.95	5.31	3.40	30.00	1000.00	24.69	4.02	9.33	8.58	36.02	4000.00	26.69

Sample Calculation:

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

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

Average Output Power

Mode	Tx 11b
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Date	Test Place	Temperature	Humidity	Engineer
December 03, 2025	SR5	22 deg.C	65 %RH	Makoto Hosaka

11b

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2412	-2.49	1.56	9.95	9.02	7.98
2437	-2.53	1.57	9.95	8.99	7.93
2462	-2.76	1.58	9.95	8.77	7.54

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.

Worst rate check (2412 MHz)

Antenna	Rate [Mbps]	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
						[dBm]	[mW]	
-	1	-	-3.70	1.56	9.95	7.81	6.04	-
	2	-	-3.54	1.56	9.95	7.97	6.27	-
	6	-	-3.50	1.56	9.95	8.01	6.33	-
	11	-	-3.46	1.56	9.95	8.05	6.39	*

*Worst Rate

Sample Calculation:

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

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

*) Worst Rate Check was performed at different power setting than the main measurement.

Average Output Power

Mode	Tx 11g			
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Date	Test Place	Temperature	Humidity	Engineer
December 03, 2025	SR5	22 deg.C	65 %RH	Makoto Hosaka

11g

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2412	-2.41	1.56	9.95	9.10	8.13
2437	-2.61	1.57	9.95	8.91	7.79
2462	-2.79	1.58	9.95	8.74	7.49

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.

Worst rate check (2412 MHz)

Antenna	Rate [Mbps]	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
						[dBm]	[mW]	
-	6	-	-3.36	1.56	9.95	8.15	6.54	*
	9	-	-3.38	1.56	9.95	8.13	6.51	-
	12	-	-3.41	1.56	9.95	8.10	6.46	-
	18	-	-3.38	1.56	9.95	8.13	6.51	-
	24	-	-3.59	1.56	9.95	7.92	6.20	-
	36	-	-3.47	1.56	9.95	8.04	6.37	-
	48	-	-3.49	1.56	9.95	8.02	6.34	-
	54	-	-3.45	1.56	9.95	8.06	6.40	-

*Worst Rate

Sample Calculation:

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

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

*) Worst Rate Check was performed at different power setting than the main measurement.

Average Output Power

Mode	Tx 11n-20			
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Date	Test Place	Temperature	Humidity	Engineer
December 03, 2025	SR5	22 deg.C	65 %RH	Makoto Hosaka

11n-20

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2412	-3.60	1.56	9.95	7.91	6.19
2437	-3.56	1.57	9.95	7.96	6.26
2462	-3.93	1.58	9.95	7.60	5.76

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.

Worst rate check (2412 MHz)

Antenna	MCS Index	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
						[dBm]	[mW]	
-	0	-	-4.31	1.56	9.95	7.20	5.25	*
	1	-	-4.36	1.56	9.95	7.15	5.19	-
	2	-	-4.35	1.56	9.95	7.16	5.20	-
	3	-	-4.35	1.56	9.95	7.16	5.20	-
	4	-	-4.32	1.56	9.95	7.19	5.24	-
	5	-	-4.51	1.56	9.95	7.00	5.02	-
	6	-	-4.46	1.56	9.95	7.05	5.07	-
	7	-	-4.35	1.56	9.95	7.16	5.20	-

*Worst MCS

Sample Calculation:

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

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

*) Worst Rate Check was performed at different power setting than the main measurement.

Average Output Power

Mode	Tx 11ax-20(OFDM)			
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Date	Test Place	Temperature	Humidity	Engineer
December 03, 2025	SR5	22 deg.C	65 %RH	Makoto Hosaka

11ax-20(OFDM)

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2412	-3.31	1.56	9.95	8.20	6.61
2437	-3.35	1.57	9.95	8.17	6.57
2462	-3.53	1.58	9.95	8.00	6.31

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.

Worst rate check (2412 MHz)

Antenna	MCS Index	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Remark
						[dBm]	[mW]	
-	0 (1SS)	-	-4.05	1.56	9.95	7.46	5.58	*
	1 (1SS)	-	-4.13	1.56	9.95	7.38	5.48	-
	2 (1SS)	-	-4.14	1.56	9.95	7.37	5.46	-
	3 (1SS)	-	-4.12	1.56	9.95	7.39	5.49	-
	4 (1SS)	-	-4.07	1.56	9.95	7.44	5.55	-
	5 (1SS)	-	-4.14	1.56	9.95	7.37	5.46	-
	6 (1SS)	-	-4.10	1.56	9.95	7.41	5.51	-
	7 (1SS)	-	-4.12	1.56	9.95	7.39	5.49	-
	8 (1SS)	-	-4.08	1.56	9.95	7.43	5.54	-
	9 (1SS)	-	-4.11	1.56	9.95	7.40	5.50	-
	10 (1SS)	-	-4.10	1.56	9.95	7.41	5.51	-
	11 (1SS)	-	-4.07	1.56	9.95	7.44	5.55	-

*Worst MCS

(* SS: Spatial Stream)

Sample Calculation:

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

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

*) Worst Rate Check was performed at different power setting than the main measurement.

Average Output Power

Mode	Tx 11ax-20(OFDMA)				
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Date	Test Place	Temperature	Humidity	Engineer
December 05, 2025	SR5	25 deg.C	47 %RH	Makoto Hosaka

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

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	0	-15.15	1.56	9.95	-3.65	0.44
2437	4	-13.89	1.57	9.95	-2.38	0.58
2462	8	-15.19	1.58	9.95	-3.67	0.43

Sample Calculation:

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

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

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

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	37	-11.09	1.56	9.95	0.42	1.11
2437	38	-10.28	1.57	9.95	1.24	1.34
2462	40	-10.88	1.58	9.95	0.65	1.17

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.

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

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	53	-7.65	1.56	9.95	3.86	2.44
2437	53	-7.52	1.57	9.95	4.00	2.52
2462	54	-7.81	1.58	9.95	3.72	2.36

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.

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

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	61	-3.27	1.56	9.95	8.24	6.67
2437	61	-3.19	1.57	9.95	8.33	6.81
2462	61	-3.67	1.58	9.95	7.86	6.11

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 11ax-20(OFDMA), Pre-correction mode (Lowest power)				
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Date	Test Place	Temperature	Humidity	Engineer
February 18, 2026	SR5	24 deg.C	59 %RH	Naoki Saga

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

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	0	-12.15	1.56	-	-10.60	0.09
2437	4	-11.03	1.57	-	-9.47	0.12
2462	8	-12.27	1.58	-	-10.70	0.09

Sample Calculation:

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

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

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

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	37	-12.09	1.56	-	-10.54	0.09
2437	38	-11.19	1.57	-	-9.63	0.11
2462	40	-12.10	1.58	-	-10.53	0.09

Sample Calculation:

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

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

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

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	53	-11.76	1.56	-	-10.21	0.10
2437	53	-11.58	1.57	-	-10.02	0.10
2462	54	-11.91	1.58	-	-10.34	0.10

Sample Calculation:

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

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

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

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
2412	61	-11.30	1.56	-	-9.75	0.11
2437	61	-11.42	1.57	-	-9.86	0.11
2462	61	-11.90	1.58	-	-10.33	0.10

Sample Calculation:

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

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

Average Output Power

Mode	Tx BT LE			
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Date	Test Place	Temperature	Humidity	Engineer
December 05, 2025	SR5	25 deg.C	47 %RH	Makoto Hosaka

BT LE 1M-PHY

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2402	-6.71	1.56	9.95	4.80	3.02
2440	-6.50	1.57	9.95	5.02	3.18
2480	-6.77	1.58	9.95	4.77	3.00

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.

BT LE 2M-PHY

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
				[dBm]	[mW]
2402	-6.77	1.56	9.95	4.74	2.98
2440	-6.53	1.57	9.95	4.99	3.16
2480	-6.79	1.58	9.95	4.75	2.99

Sample Calculation:

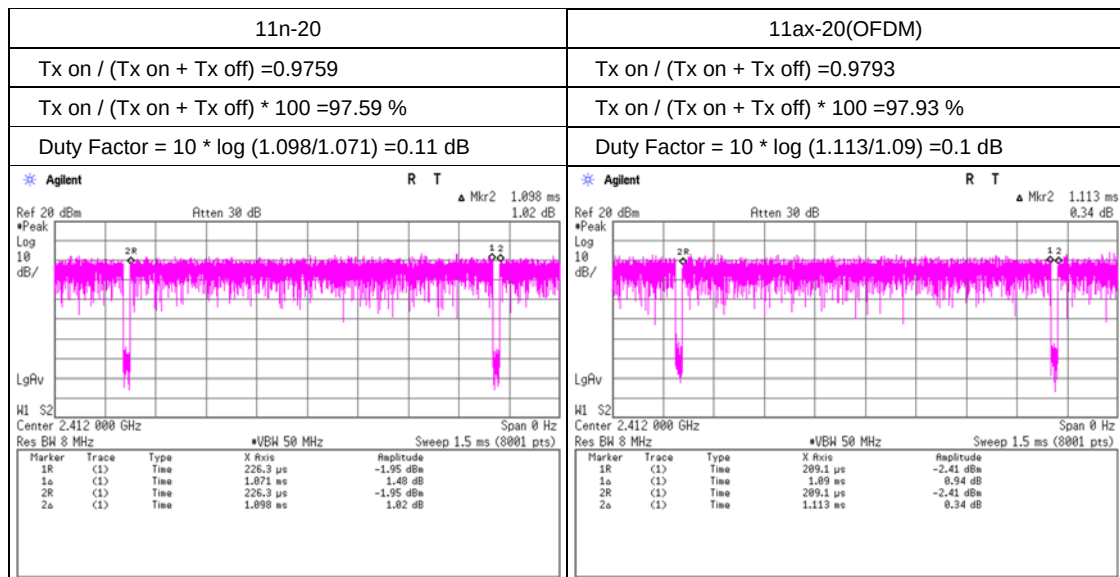
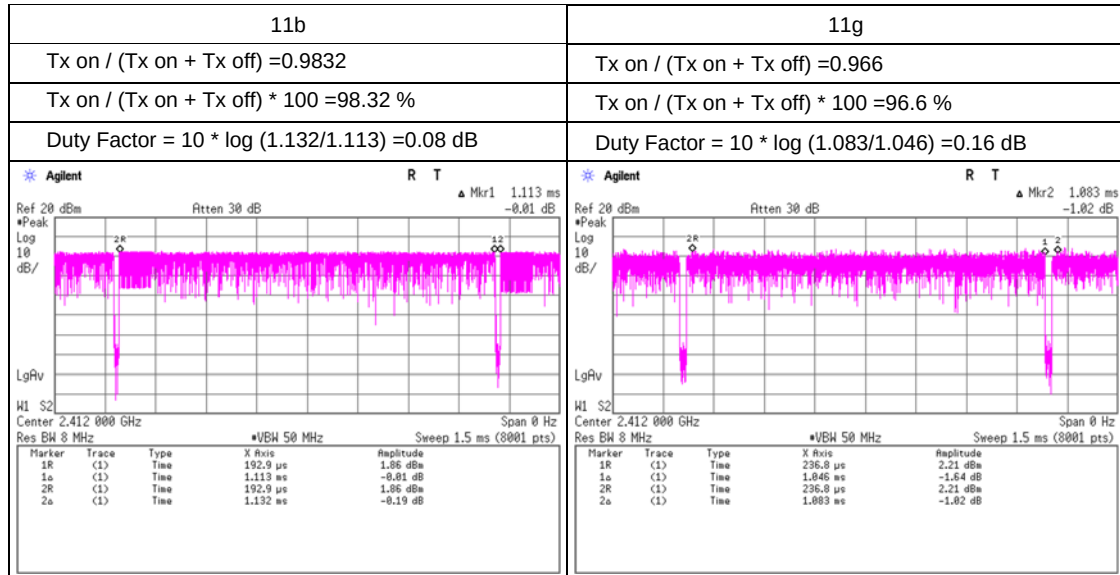
Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

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

Burst rate confirmation

Mode	Tx
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Date	Test Place	Temperature	Humidity	Engineer
December 06, 2025	SR5	22 deg.C	26 %RH	Makoto Hosaka

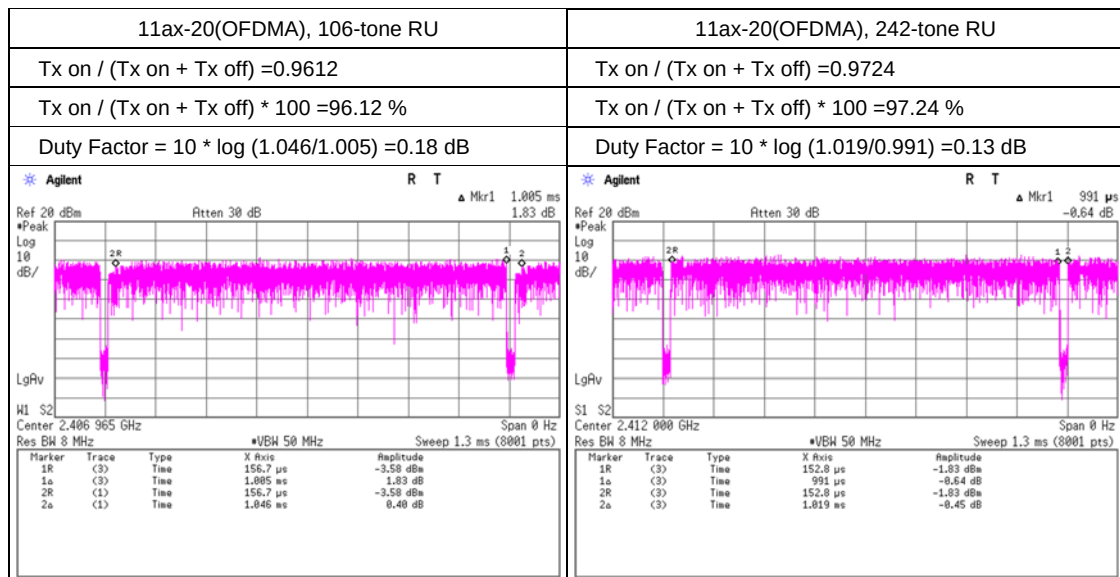
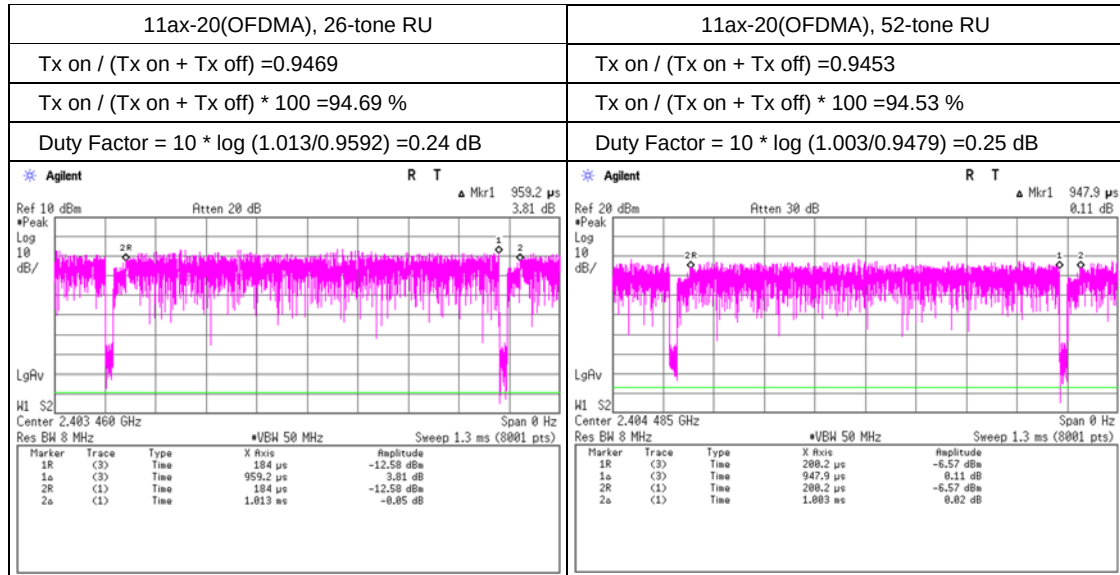


*Duty factor calculations are rounded up.

Burst rate confirmation

Mode	Tx 11ax-20(OFDMA)
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Date	Test Place	Temperature	Humidity	Engineer
December 06, 2025	SR5	22 deg.C	26 %RH	Makoto Hosaka

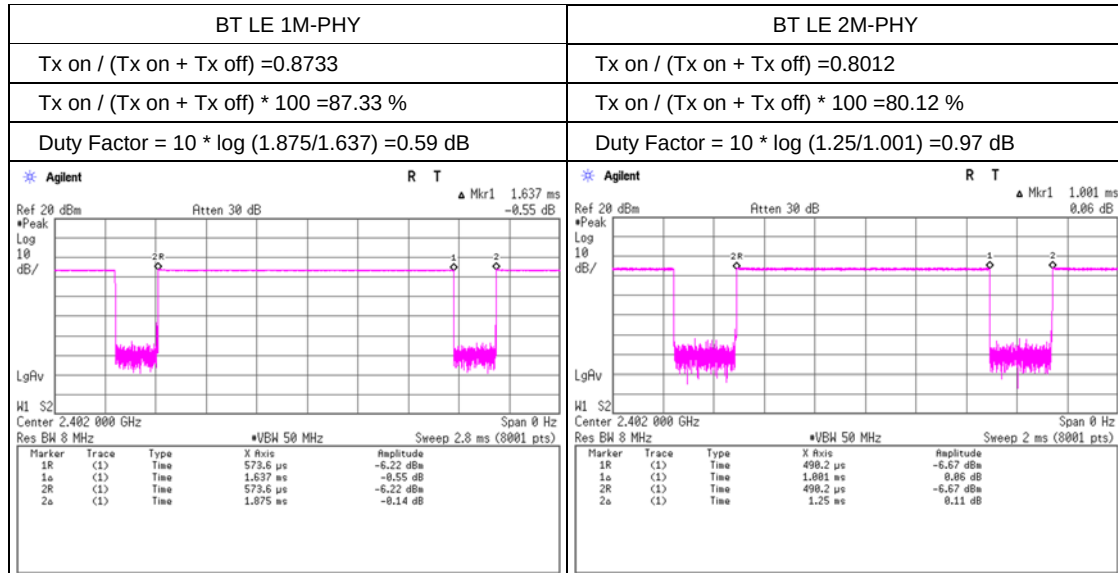


*Duty factor calculations are rounded up.

Burst rate confirmation

Mode	Tx BT LE
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Date	Test Place	Temperature	Humidity	Engineer
December 06, 2025	SR5	22 deg.C	26 %RH	Makoto Hosaka



*Duty factor calculations are rounded up.

Radiated Spurious Emission

Mode	Tx 11b, 2412 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
December 8, 2025	WAC2	20 deg. C	42 % RH	Masahide Ozaki	1 GHz to 2.8 GHz
December 17, 2025	WAC2	21 deg. C	35 % RH	Yosuke Murakami	2.8 GHz to 10 GHz
December 19, 2025	WAC2	18 deg. C	31 % RH	Makoto Hosaka	10 GHz to 18 GHz
December 24, 2025	WAC2	19 deg. C	41 % RH	Makoto Hosaka	18 GHz to 26.5 GHz

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	2390.000	PK	47.37	27.71	-28.24	-	2.37	49.21	73.9	24.6	269	254	-
Hori.	3618.000	PK	49.35	30.04	-36.13	-	2.37	45.63	73.9	28.2	133	55	-
Hori.	4824.000	PK	50.05	31.95	-36.15	-	2.37	48.22	73.9	25.6	103	173	-
Hori.	7236.000	PK	48.11	36.40	-34.49	-	2.37	52.39	73.9	21.5	150	0	Floor Noise
Hori.	9648.000	PK	47.30	38.04	-31.42	-	2.37	56.29	73.9	17.6	150	0	Floor Noise
Hori.	19296.000	PK	51.27	32.85	12.23	52.61	-9.54	34.20	73.9	39.7	162	308	-
Hori.	21708.000	PK	50.01	33.46	13.08	51.04	-9.54	35.97	73.9	37.9	165	340	-
Hori.	24120.000	PK	47.62	33.96	13.72	50.46	-9.54	35.30	73.9	38.6	169	290	-
Hori.	7236.000	AV	37.31	36.40	-34.49	-	2.37	41.59	53.9	12.3	150	0	Floor Noise
Hori.	9648.000	AV	36.22	38.04	-31.42	-	2.37	45.21	53.9	8.6	150	0	Floor Noise
Vert.	2390.000	PK	47.11	27.71	-28.24	-	2.37	48.95	73.9	24.9	151	186	-
Vert.	3618.000	PK	49.29	30.04	-36.13	-	2.37	45.57	73.9	28.3	128	334	-
Vert.	4824.000	PK	49.74	31.95	-36.15	-	2.37	47.91	73.9	25.9	214	203	-
Vert.	7236.000	PK	47.97	36.40	-34.49	-	2.37	52.25	73.9	21.6	150	0	Floor Noise
Vert.	9648.000	PK	46.76	38.04	-31.42	-	2.37	55.75	73.9	18.1	150	0	Floor Noise
Vert.	19296.000	PK	50.79	32.85	12.23	52.61	-9.54	33.72	73.9	40.1	202	103	-
Vert.	21708.000	PK	49.32	33.46	13.08	51.04	-9.54	35.28	73.9	38.6	184	287	-
Vert.	24120.000	PK	47.01	33.96	13.72	50.46	-9.54	34.69	73.9	39.2	135	256	-
Vert.	7236.000	AV	37.11	36.40	-34.49	-	2.37	41.39	53.9	12.5	150	0	Floor Noise
Vert.	9648.000	AV	36.14	38.04	-31.42	-	2.37	45.13	53.9	8.7	150	0	Floor Noise

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

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

Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2390.000	AV	36.51	27.71	-28.24	-	0.08	2.37	38.43	53.9	15.4	*1)
Hori.	3618.000	AV	39.23	30.04	-36.13	-	0.08	2.37	35.59	53.9	18.3	*2)
Hori.	4824.000	AV	40.11	31.95	-36.15	-	0.08	2.37	38.36	53.9	15.5	-
Hori.	19296.000	AV	44.28	32.85	12.23	52.61	0.08	-9.54	27.29	53.9	26.6	-
Hori.	21708.000	AV	44.53	33.46	13.08	51.04	0.08	-9.54	30.57	53.9	23.3	-
Hori.	24120.000	AV	38.95	33.96	13.72	50.46	0.08	-9.54	26.71	53.9	27.1	-
Vert.	2390.000	AV	36.48	27.71	-28.24	-	0.08	2.37	38.40	53.9	15.5	*1)
Vert.	3618.000	AV	40.10	30.04	-36.13	-	0.08	2.37	36.46	53.9	17.4	*2)
Vert.	4824.000	AV	40.28	31.95	-36.15	-	0.08	2.37	38.53	53.9	15.3	-
Vert.	19296.000	AV	42.76	32.85	12.23	52.61	0.08	-9.54	25.77	53.9	28.1	-
Vert.	21708.000	AV	44.11	33.46	13.08	51.04	0.08	-9.54	30.15	53.9	23.7	-
Vert.	24120.000	AV	38.41	33.96	13.72	50.46	0.08	-9.54	26.17	53.9	27.7	-

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

Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]

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

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2412.000	PK	94.40	27.77	-28.22	-	2.37	96.32	-	-	Carrier
Hori.	2400.000	PK	44.39	27.73	-28.23	-	2.37	46.26	76.3	30.0	-
Vert.	2412.000	PK	96.39	27.77	-28.22	-	2.37	98.31	-	-	Carrier
Vert.	2400.000	PK	45.02	27.73	-28.23	-	2.37	46.89	78.3	31.4	-

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

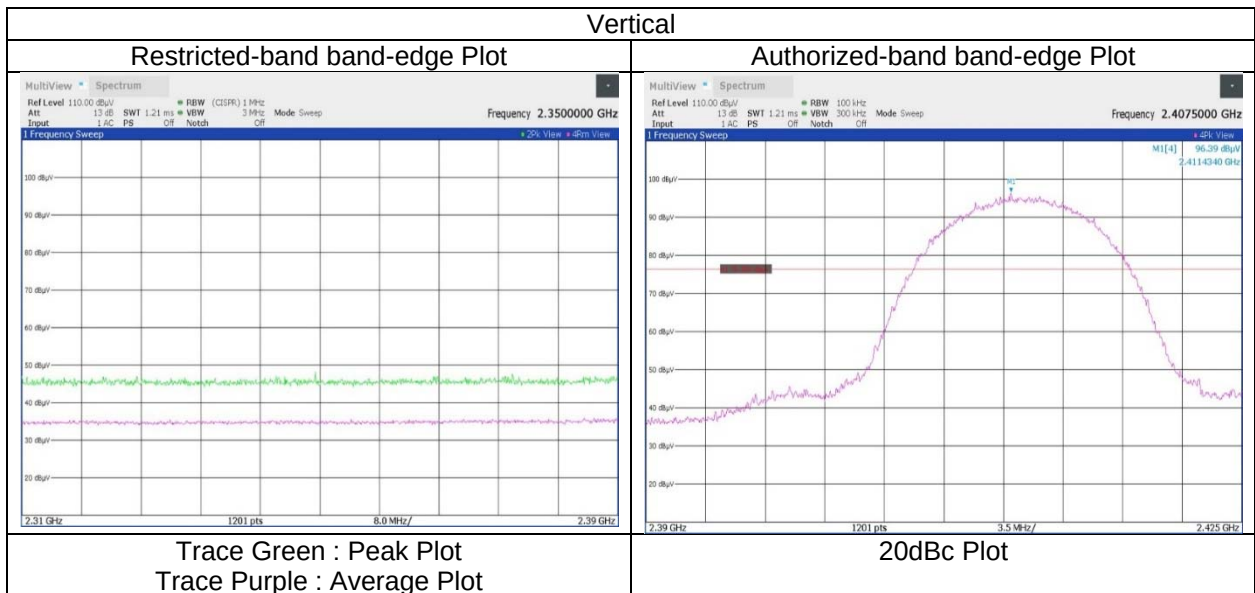
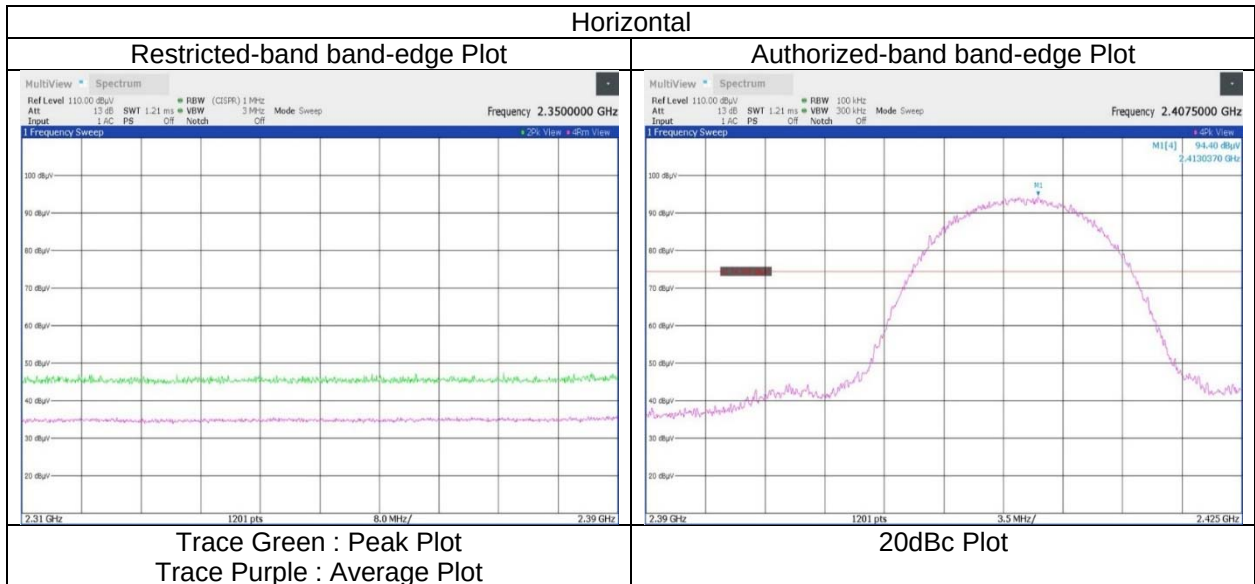
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]

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

Radiated Spurious Emission

Mode	Tx 11b, 2412 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
December 8, 2025	WAC2	20 deg. C	42 % RH	Masahide Ozaki	1 GHz to 2.8 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
December 8, 2025	WAC2	20 deg. C	42 % RH	Masahide Ozaki	1 GHz to 2.8 GHz
December 17, 2025	WAC2	21 deg. C	35 % RH	Yosuke Murakami	2.8 GHz to 10 GHz
December 19, 2025	WAC2	18 deg. C	31 % RH	Makoto Hosaka	10 GHz to 18 GHz
December 25, 2025	WAC2	20 deg. C	48 % RH	Hiromasa Sato	18 GHz to 26.5 GHz

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	3655.500	PK	49.05	29.99	-36.12	-	2.37	45.29	73.9	28.6	130	45	-
Hori.	4874.000	PK	49.55	32.23	-36.13	-	2.37	48.02	73.9	25.8	106	46	-
Hori.	7311.000	PK	47.82	36.63	-34.35	-	2.37	52.47	73.9	21.4	150	0	Floor Noise
Hori.	9748.000	PK	46.70	38.08	-31.29	-	2.37	55.86	73.9	18.0	150	129	Floor Noise
Hori.	19496.000	PK	51.30	32.94	12.31	52.36	-9.54	34.65	73.9	39.2	152	247	-
Hori.	21933.000	PK	50.24	33.40	13.14	51.06	-9.54	36.18	73.9	37.7	141	269	-
Hori.	24370.000	PK	46.89	34.07	13.88	50.59	-9.54	34.71	73.9	39.1	164	318	-
Hori.	7311.000	AV	37.60	36.63	-34.35	-	2.37	42.25	53.9	11.6	150	0	Floor Noise
Hori.	9748.000	AV	35.58	38.08	-31.29	-	2.37	44.74	53.9	9.1	150	129	Floor Noise
Vert.	3655.500	PK	48.65	29.99	-36.12	-	2.37	44.89	73.9	29.0	127	331	-
Vert.	4874.000	PK	49.52	32.23	-36.13	-	2.37	47.99	73.9	25.9	238	195	-
Vert.	7311.000	PK	48.31	36.63	-34.35	-	2.37	52.96	73.9	20.9	150	0	Floor Noise
Vert.	9748.000	PK	46.59	38.08	-31.29	-	2.37	55.75	73.9	18.1	150	0	Floor Noise
Vert.	19496.000	PK	50.50	32.94	12.31	52.36	-9.54	33.85	73.9	40.0	171	299	-
Vert.	21933.000	PK	50.56	33.40	13.14	51.06	-9.54	36.50	73.9	37.4	178	297	-
Vert.	24370.000	PK	46.30	34.07	13.88	50.59	-9.54	34.12	73.9	39.7	154	220	-
Vert.	7311.000	AV	37.61	36.63	-34.35	-	2.37	42.26	53.9	11.6	150	0	Floor Noise
Vert.	9748.000	AV	35.68	38.08	-31.29	-	2.37	44.84	53.9	9.0	150	0	Floor Noise

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

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.94[m] / 3.0[m]) = 2.37 [dB]$

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	3655.500	AV	38.64	29.99	-36.12	-	0.08	2.37	34.96	53.9	18.9	*2)
Hori.	4874.000	AV	38.99	32.23	-36.13	-	0.08	2.37	37.54	53.9	16.3	-
Hori.	19496.000	AV	44.88	32.94	12.31	52.36	0.08	-9.54	28.31	53.9	25.5	-
Hori.	21933.000	AV	44.92	33.40	13.14	51.06	0.08	-9.54	30.94	53.9	22.9	-
Hori.	24370.000	AV	38.58	34.07	13.88	50.59	0.08	-9.54	26.48	53.9	27.4	-
Vert.	3655.500	AV	39.18	29.99	-36.12	-	0.08	2.37	35.50	53.9	18.4	*2)
Vert.	4874.000	AV	39.07	32.23	-36.13	-	0.08	2.37	37.62	53.9	16.2	-
Vert.	19496.000	AV	42.90	32.94	12.31	52.36	0.08	-9.54	26.33	53.9	27.5	-
Vert.	21933.000	AV	43.20	33.40	13.14	51.06	0.08	-9.54	29.22	53.9	24.6	-
Vert.	24370.000	AV	35.71	34.07	13.88	50.59	0.08	-9.54	23.61	53.9	30.2	-

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.94[m] / 3.0[m]) = 2.37 [dB]$

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

Duty factor refer to "Burst rate confirmation" sheet.

*2) Noise synchronized with duty of carrier frequency.

Radiated Spurious Emission

Mode	Tx 11b, 2462 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
December 8, 2025	WAC2	20 deg. C	42 % RH	Masahide Ozaki	1 GHz to 2.8 GHz
December 17, 2025	WAC2	21 deg. C	35 % RH	Yosuke Murakami	2.8 GHz to 10 GHz
December 19, 2025	WAC2	18 deg. C	31 % RH	Makoto Hosaka	10 GHz to 18 GHz
December 25, 2025	WAC2	20 deg. C	48 % RH	Hiromasa Sato	18 GHz to 26.5 GHz

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	2483.500	PK	47.80	27.77	-28.17	-	2.37	49.77	73.9	24.1	271	245	-
Hori.	3693.000	PK	48.65	29.96	-36.11	-	2.37	44.87	73.9	29.0	100	39	-
Hori.	4924.000	PK	50.08	32.49	-36.11	-	2.37	48.83	73.9	25.0	222	178	-
Hori.	7386.000	PK	47.87	36.75	-34.20	-	2.37	52.79	73.9	21.1	150	0	Floor Noise
Hori.	9848.000	PK	46.64	38.11	-31.16	-	2.37	55.96	73.9	17.9	150	0	Floor Noise
Hori.	18465.000	PK	51.10	32.62	11.95	53.38	-9.54	32.75	73.9	41.1	159	312	-
Hori.	19696.000	PK	51.59	32.91	12.34	52.09	-9.54	35.21	73.9	38.6	168	252	-
Hori.	22158.000	PK	49.57	33.47	13.23	50.99	-9.54	35.74	73.9	38.1	151	274	-
Hori.	24620.000	PK	47.65	34.14	14.00	50.85	-9.54	35.40	73.9	38.5	156	297	-
Hori.	7386.000	AV	36.92	36.75	-34.20	-	2.37	41.84	53.9	12.0	150	0	Floor Noise
Hori.	9848.000	AV	35.67	38.11	-31.16	-	2.37	44.99	53.9	8.9	150	0	Floor Noise
Vert.	2483.500	PK	47.96	27.77	-28.17	-	2.37	49.93	73.9	23.9	131	173	-
Vert.	3693.000	PK	48.91	29.96	-36.11	-	2.37	45.13	73.9	28.7	122	332	-
Vert.	4924.000	PK	49.42	32.49	-36.11	-	2.37	48.17	73.9	25.7	275	161	-
Vert.	7386.000	PK	47.78	36.75	-34.20	-	2.37	52.70	73.9	21.2	150	0	Floor Noise
Vert.	9848.000	PK	46.48	38.11	-31.16	-	2.37	55.80	73.9	18.1	150	0	Floor Noise
Vert.	19696.000	PK	50.50	32.91	12.34	52.09	-9.54	34.12	73.9	39.7	137	255	-
Vert.	22158.000	PK	48.52	33.47	13.23	50.99	-9.54	34.69	73.9	39.2	148	293	-
Vert.	24620.000	PK	47.04	34.14	14.00	50.85	-9.54	34.79	73.9	39.1	136	259	-
Vert.	7386.000	AV	37.08	36.75	-34.20	-	2.37	42.00	53.9	11.9	150	0	Floor Noise
Vert.	9848.000	AV	35.66	38.11	-31.16	-	2.37	44.98	53.9	8.9	150	0	Floor Noise

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

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.94[m]/3.0[m]) = 2.37 [dB]$

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2483.500	AV	36.42	27.77	-28.17	-	0.08	2.37	38.47	53.9	15.4	*1)
Hori.	3693.000	AV	38.19	29.96	-36.11	-	0.08	2.37	34.49	53.9	19.4	*2)
Hori.	4924.000	AV	39.45	32.49	-36.11	-	0.08	2.37	38.28	53.9	15.6	-
Hori.	18465.000	AV	43.02	32.62	11.95	53.38	0.08	-9.54	24.75	53.9	29.1	*2)
Hori.	19696.000	AV	45.66	32.91	12.34	52.09	0.08	-9.54	29.36	53.9	24.5	-
Hori.	22158.000	AV	43.78	33.47	13.23	50.99	0.08	-9.54	30.03	53.9	23.8	-
Hori.	24620.000	AV	39.29	34.14	14.00	50.85	0.08	-9.54	27.12	53.9	26.7	-
Vert.	2483.500	AV	36.54	27.77	-28.17	-	0.08	2.37	38.59	53.9	15.3	*1)
Vert.	3693.000	AV	38.63	29.96	-36.11	-	0.08	2.37	34.93	53.9	18.9	*2)
Vert.	4924.000	AV	39.53	32.49	-36.11	-	0.08	2.37	38.36	53.9	15.5	-
Vert.	19696.000	AV	43.88	32.91	12.34	52.09	0.08	-9.54	27.58	53.9	26.3	-
Vert.	22158.000	AV	41.72	33.47	13.23	50.99	0.08	-9.54	27.97	53.9	25.9	-
Vert.	24620.000	AV	37.64	34.14	14.00	50.85	0.08	-9.54	25.47	53.9	28.4	-

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.94[m]/3.0[m]) = 2.37 [dB]$

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

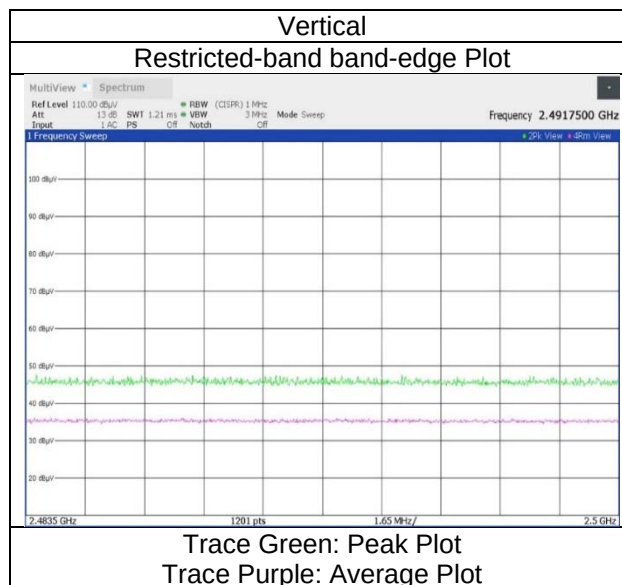
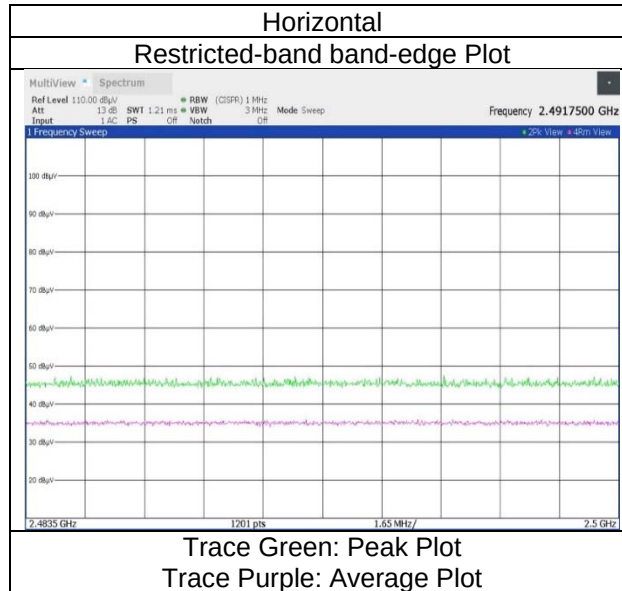
Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

Radiated Spurious Emission

Mode	Tx 11b, 2462 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
December 8, 2025	WAC2	20 deg. C	42 % RH	Masahide Ozaki	1 GHz to 2.8 GHz



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

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

Radiated Spurious Emission

Mode	Tx 11g, 2412 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
December 8, 2025	WAC2	20 deg. C	42 % RH	Masahide Ozaki	1 GHz to 2.8 GHz
December 17, 2025	WAC2	21 deg. C	35 % RH	Yosuke Murakami	2.8 GHz to 10 GHz
December 19, 2025	WAC2	18 deg. C	31 % RH	Makoto Hosaka	10 GHz to 18 GHz
December 25, 2025	WAC2	20 deg. C	48 % RH	Hiromasa Sato	18 GHz to 26.5 GHz

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	2390.000	PK	51.60	27.71	-28.24	-	2.37	53.44	73.9	20.4	214	77	-
Hori.	3618.000	PK	49.61	30.04	-36.13	-	2.37	45.89	73.9	28.0	132	12	-
Hori.	4824.000	PK	49.42	31.95	-36.15	-	2.37	47.59	73.9	26.3	103	176	-
Hori.	7236.000	PK	47.73	36.40	-34.49	-	2.37	52.01	73.9	21.8	150	0	Floor Noise
Hori.	9648.000	PK	46.64	38.04	-31.42	-	2.37	55.63	73.9	18.2	150	0	Floor Noise
Hori.	18090.000	PK	50.17	32.57	11.84	53.37	-9.54	31.67	73.9	42.2	166	309	-
Hori.	19296.000	PK	51.79	32.85	12.23	52.61	-9.54	34.72	73.9	39.1	157	249	-
Hori.	21708.000	PK	49.77	33.46	13.08	51.04	-9.54	35.73	73.9	38.1	145	246	-
Hori.	24120.000	PK	46.45	33.96	13.72	50.46	-9.54	34.13	73.9	39.7	162	254	-
Hori.	7236.000	AV	36.94	36.40	-34.49	-	2.37	41.22	53.9	12.6	150	0	Floor Noise
Hori.	9648.000	AV	35.95	38.04	-31.42	-	2.37	44.94	53.9	8.9	150	0	Floor Noise
Vert.	2390.000	PK	54.88	27.71	-28.24	-	2.37	56.72	73.9	17.1	113	165	-
Vert.	3618.000	PK	49.01	30.04	-36.13	-	2.37	45.29	73.9	28.6	130	341	-
Vert.	4824.000	PK	49.58	31.95	-36.15	-	2.37	47.75	73.9	26.1	179	194	-
Vert.	7236.000	PK	47.98	36.40	-34.49	-	2.37	52.26	73.9	21.6	150	0	Floor Noise
Vert.	9648.000	PK	47.20	38.04	-31.42	-	2.37	56.19	73.9	17.7	150	0	Floor Noise
Vert.	19296.000	PK	49.29	32.85	12.23	52.61	-9.54	32.22	73.9	41.6	175	300	-
Vert.	21708.000	PK	49.11	33.46	13.08	51.04	-9.54	35.07	73.9	38.8	180	287	-
Vert.	24120.000	PK	47.47	33.96	13.72	50.46	-9.54	35.15	73.9	38.7	164	306	-
Vert.	7236.000	AV	37.11	36.40	-34.49	-	2.37	41.39	53.9	12.5	150	0	Floor Noise
Vert.	9648.000	AV	36.12	38.04	-31.42	-	2.37	45.11	53.9	8.7	150	0	Floor Noise

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

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.94[m]/3.0[m]) = 2.37 [dB]$

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2390.000	AV	37.55	27.71	-28.24	-	0.16	2.37	39.55	53.9	14.3	*1)
Hori.	3618.000	AV	39.30	30.04	-36.13	-	0.16	2.37	35.74	53.9	18.1	*2)
Hori.	4824.000	AV	39.79	31.95	-36.15	-	0.16	2.37	38.12	53.9	15.7	-
Hori.	18090.000	AV	42.14	32.57	11.84	53.37	0.16	-9.54	23.80	53.9	30.1	*2)
Hori.	19296.000	AV	44.14	32.85	12.23	52.61	0.16	-9.54	27.23	53.9	26.6	-
Hori.	21708.000	AV	42.83	33.46	13.08	51.04	0.16	-9.54	28.95	53.9	24.9	-
Hori.	24120.000	AV	37.92	33.96	13.72	50.46	0.16	-9.54	25.76	53.9	28.1	-
Vert.	2390.000	AV	39.35	27.71	-28.24	-	0.16	2.37	41.35	53.9	12.5	*1)
Vert.	3618.000	AV	40.00	30.04	-36.13	-	0.16	2.37	36.44	53.9	17.4	*2)
Vert.	4824.000	AV	39.82	31.95	-36.15	-	0.16	2.37	38.15	53.9	15.7	-
Vert.	19296.000	AV	42.65	32.85	12.23	52.61	0.16	-9.54	25.74	53.9	28.1	-
Vert.	21708.000	AV	43.31	33.46	13.08	51.04	0.16	-9.54	29.43	53.9	24.4	-
Vert.	24120.000	AV	37.42	33.96	13.72	50.46	0.16	-9.54	25.26	53.9	28.6	-

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.94[m]/3.0[m]) = 2.37 [dB]$

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

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2412.000	PK	87.35	27.77	-28.22	-	2.37	89.27	-	-	Carrier
Hori.	2400.000	PK	47.12	27.73	-28.23	-	2.37	48.99	69.2	20.2	-
Vert.	2412.000	PK	90.35	27.77	-28.22	-	2.37	92.27	-	-	Carrier
Vert.	2400.000	PK	49.11	27.73	-28.23	-	2.37	50.98	72.2	21.2	-

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.94[m]/3.0[m]) = 2.37 [dB]$

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