



427 West 12800 South
Draper, UT 84020

Test Report Certification

FCC ID	SWX-U6PLR
IC ID	6545A-U6PLR
Equipment Under Test	U6+LR
Test Report Serial Number	TR7537_02
Date of Test(s)	September 11 through October 12, 2022
Report Issue Date	October 14, 2022

Test Specification	Applicant
47 CFR FCC Part 15, Subpart C RSS-GEN Issue 5	Ubiquiti Inc. 685 Third Avenue New York, NY 10017 U.S.A.



NVLAP LAB CODE 600241-0

Certification of Engineering Report

This report has been prepared by Unified Compliance Laboratory (UCL) to document compliance of the device described below with the requirement of Federal Communication Commissions (FCC) Part 15, Subpart C. This report may be reproduced in full. Partial reproduction of this report may only be made with the written consent of the laboratory. The results in this report apply only to the sample tested.

Applicant	Ubiquiti Inc.
Manufacturer	Ubiquiti Inc.
Brand Name	UniFi
Model Number	U6+LR
FCC ID	SWX-U6PLR
IC ID	6545A-U6PLR

On this 14th day of October 2022, I individually and for Unified Compliance Laboratory certify that the statements made in this engineering report are true, complete, and correct to the best of my knowledge and are made in good faith.

Although NVLAP has accredited the Unified Compliance Laboratory testing facilities, this report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the U.S. federal government.

Unified Compliance Laboratory



Written By: Clay Allred



Reviewed By: Richard L. Winter

Revision History		
Revision	Description	Date
01	Original Report Release	October 13, 2022
02	Added MRA information and Beamforming information.	October 14, 2022

Table of Contents

1	Client Information.....	5
1.1	Applicant.....	5
1.2	Manufacturer.....	5
2	Equipment Under Test (EUT).....	6
2.1	Identification of EUT	6
2.2	Description of EUT	6
2.3	EUT and Support Equipment.....	6
2.4	Interface Ports on EUT	7
2.5	Operating Environment.....	7
2.6	Operating Modes.....	7
2.7	EUT Exercise Software.....	7
2.8	Block Diagram of Test Configuration	8
2.9	Modification Incorporated/Special Accessories on EUT.....	8
2.10	Deviation, Opinions Additional Information or Interpretations from Test Standard.....	8
3	Test Specification, Method and Procedures.....	9
3.1	Test Specification.....	9
3.2	Methods & Procedures.....	9
3.3	FCC Part 15, Subpart C	9
3.4	Results.....	10
3.5	Test Location	10
4	Test Equipment.....	11
4.1	Conducted Emissions at Mains Ports.....	11
4.2	Radiated Emissions	12
4.3	Equipment Calibration	12
4.4	Measurement Uncertainty	13
5	Test Results.....	14
5.1	§15.203 Antenna Requirements.....	14
5.2	§15.247(a)(2) Emissions Bandwidth.....	15
5.3	§15.247(b)(3) Maximum Average Output Power.....	16
5.4	§15.247(d) Spurious Emissions	18
5.5	§15.247(e) Maximum Average Power Spectral Density	29

1 Client Information

1.1 Applicant

Company	Ubiquiti Inc. 685 Third Avenue New York, NY 10017 U.S.A.
Contact Name	Alex Macon
Title	Compliance Manager

1.2 Manufacturer

Company	Ubiquiti Inc. 685 Third Avenue New York, NY 10017 U.S.A.
Contact Name	Alex Macon
Title	Compliance Manager

2 Equipment Under Test (EUT)

2.1 Identification of EUT

Brand Name	UniFi
Model Number	U6+LR
Serial Number	N/A
Dimensions (cm)	17.6 x 17.6 x 0.43

2.2 Description of EUT

The U6+LR is a Wi-Fi 6 access point designed for long range wireless coverage while maintaining overall network capacity. It delivers an aggregate radio rate of up to 1.5 Gbps with 5 GHz (3x3 MU-MIMO and OFDMA) and 2.4 GHz (2x2 MIMO) radios. U6+LR uses a sophisticated antenna design with sideways amplification to offer excellent range when mounted horizontally. U6+LR combines its purpose-built antenna with powerful Wi-Fi 6 features like OFDMA, beamforming, and BSS coloring for reliable long-range wireless performance.

This report covers the circuitry of the device subject to FCC Part 15, Subpart C. The circuitry of the device subject to FCC Part 15 Subpart B was found to be compliant and is covered under a separate Unified Compliance Laboratory test report.

2.3 EUT and Support Equipment

The EUT and support equipment used during the test are listed below.

Brand Name Model Number Serial Number	Description	Name of Interface Ports / Interface Cables
BN: UniFi MN: U6+LR SN: N/A	Wireless Access Point	See Section 2.4
BN: Ubiquiti, Inc. MN: U-POE-at SN: N/A	PoE Injector Power Supply	Shielded or Un-shielded Cat 5e cable (Note 2)
BN: Dell MN: XPS 13 SN: N/A	Laptop Computer	Shielded or Un-shielded Cat 5e cable (Note 2)

Notes: (1) EUT

(2) Interface port connected to EUT (See Section 2.4)

The support equipment listed above was not modified in order to achieve compliance with this standard.

2.4 Interface Ports on EUT

Name of Ports	No. of Ports Fitted to EUT	Cable Description/Length
PoE	1	Shielded or Un-Shielded Cat 5e Cable/> 3 Meters

2.5 Operating Environment

Power Supply	48 Volts PoE
AC Mains Frequency	-
Temperature	22.0-23.0 °C
Humidity	19.9-22.2 %
Barometric Pressure	1009 mBar

2.6 Operating Modes

The U6+LR was tested using test software in order to enable a constant transmission. The measurements within this report are corrected to reference a 100% duty cycle. All emission modes of 802.11 ax, a, ac and n were investigated.

2.7 EUT Exercise Software

EUT firmware version 1.0 was used to operate the transmitter using a constant transmit mode.

2.8 Block Diagram of Test Configuration

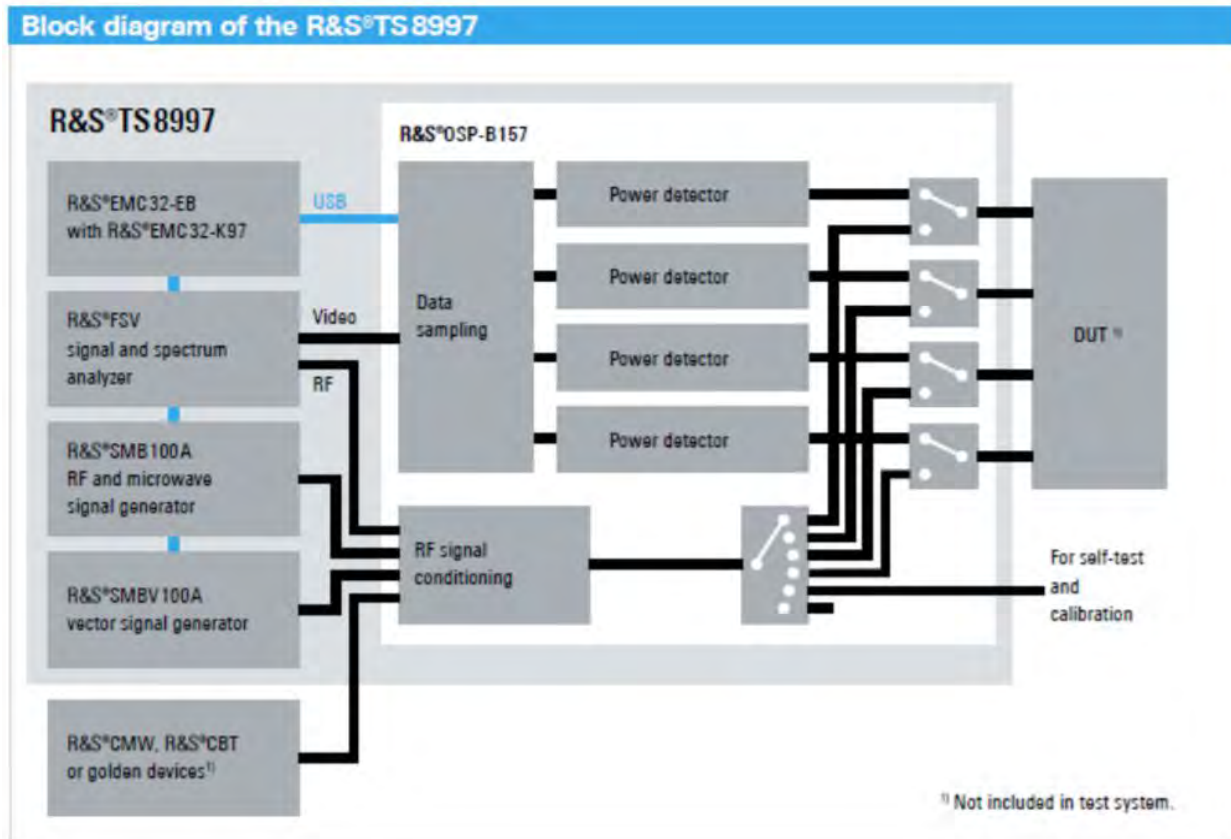


Diagram 1: Test Configuration Block Diagram

2.9 Modification Incorporated/Special Accessories on EUT

There were no modifications made to the EUT during testing to comply with the specification.

2.10 Deviation, Opinions Additional Information or Interpretations from Test Standard

There were no deviations, opinions, additional information or interpretations from the test specification.

3 Test Specification, Method and Procedures

3.1 Test Specification

Title	47 CFR FCC Part 15, Subpart C 15.203, 15.209 and 15.247 Limits and methods of measurement of radio interference characteristics of radio frequency devices. -RSS-Gen, issue 5, General Requirements for Compliance of Radio Apparatus -RSS-247, Issue Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and License-Exempt Local Area Network (LE-LAN) Devices
Purpose of Test	The tests were performed to demonstrate initial compliance

3.2 Methods & Procedures

3.2.1 47 CFR FCC Part 15 Section 15.203 / RSS-Gen Section 6.8

See test standard for details.

3.2.2 47 CFR FCC Part 15 Section 15.209 / RSS-Gen Section 6.13

See test standard for details.

3.2.3 47 CFR FCC Part 15 Section 15.247 / RSS-247 Section 5

See test standard for details.

3.3 FCC Part 15, Subpart C

3.3.1 Summary of Tests

FCC Section	ISED Section	Environmental Phenomena	Frequency Range (MHZ)	Result
15.203	N/A	Antenna requirements	Structural Requirement	Compliant
15.207	RSS-Gen	Conducted Disturbance at Mains Port	0.15 to 30	N/A
15.247(a)	RSS-247 § 5.2	Bandwidth Requirement	2412 to 2462	Compliant
15.247(b)	RSS-247 § 5.4	Peak Output Power	2412 to 2462	Compliant
15.247(d)	RSS-247 § 5.4	Antenna Conducted Spurious Emissions	0.009 to 40000	N/A
15.247(d)	RSS-247 § 5.4	Radiated Spurious Emissions	0.009 to 40000	Compliant
15.247(e)	RSS-247 § 5.2	Peak Power Spectral Density	2412 to 2462	Compliant

The testing was performed according to the procedures in ANSI C63.10-2013, KDB 558074 and 47 CFR Part 15. Where applicable, KDB 662911 was followed to sum required measurements.

3.4 Results

In the configuration tested, the EUT complied with the requirements of the specification.

3.5 Test Location

Testing was performed at the Unified Compliance Laboratory 3-Meter and 10-Meter chambers located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2021. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and has registered MRA Test Site number US5037.

4 Test Equipment

4.1 Conducted Emissions at Mains Ports

Type of Equipment	Manufacturer	Model Number	Asset Number	Date of Last Calibration	Due Date of Calibration
Spectrum Analyzer	R&S	FSV40	UCL-2861	1/03/2022	1/03/2023
Signal Generator	R&S	SMB100A	UCL-2864	N/A	N/A
Vector Signal Generator	R&S	SMBV100A	UCL-2873	N/A	N/A
Switch Extension	R&S	OSP-B157WX	UCL-2867	1/03/2022	1/03/2023
Switch Extension	R&S	OSP-150W	UCL-2870	1/03/2022	1/03/2023

Table 1: List of equipment used for Direct Connect at the Antenna Port

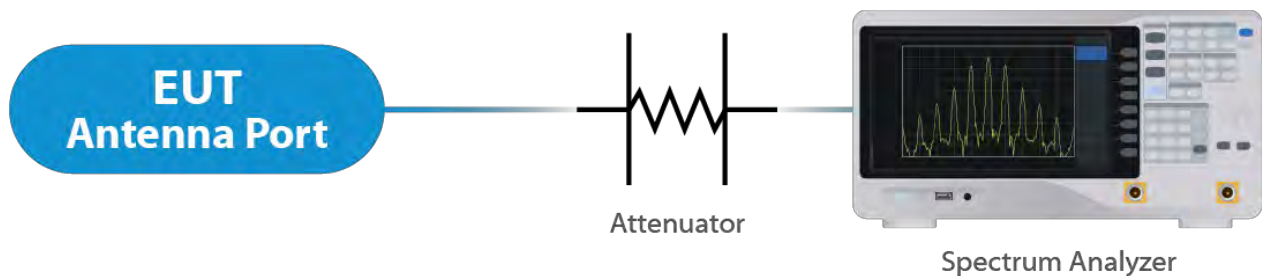


Figure 1: Direct Connect at the Antenna Port Test



Figure 2: Output Power Measurement

4.2 Radiated Emissions

Type of Equipment	Manufacturer	Model Number	Asset Number	Date of Last Calibration	Due Date of Calibration
EMI Receiver	Keysight	N9038A	UCL-2778	1/4/2022	1/4/2023
Pre-Amplifier 9 kHz – 1 GHz	Sonoma Instruments	310N	UCL-2889	10/7/2021	11/7/2022
Broadband Antenna	Scwarzbeck	VULB 9163	UCL-3062	9/13/2022	9/13/2024
Broadband Antenna	Scwarzbeck	VULB 9163	UCL-3071	6/08/2022	6/22/2024
Double Ridge Horn Antenna	Scwarzbeck	BBHA 9120D	UCL-3065	9/22/2022	9/22/2024
Log Periodic	Scwarzbeck	STLP 9129	UCL-3068	11/16/2020	11/16/2022
15 - 40 GHz Horn Antenna	Scwarzbeck	BBHA 9170	UCL-2487	6/09/2022	6/09/2024
1 – 18 GHz Amplifier	Com-Power	PAM 118A	UCL-3833	10/7/2021	11/7/2022
Test Software	UCL	Revision 1	UCL-3108	N/A	N/A

Table 2:List of equipment used for Radiated Emissions

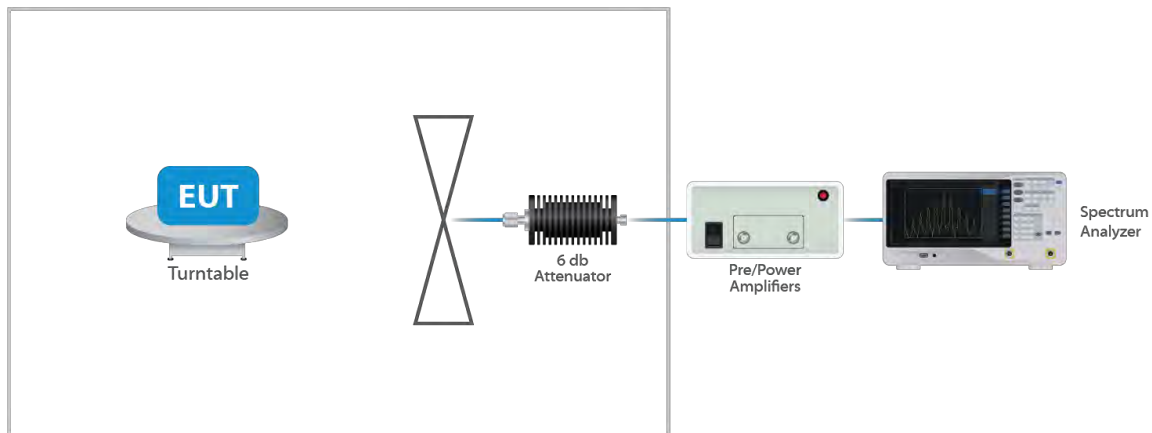


Figure 3: Radiated Emissions Test

4.3 Equipment Calibration

All applicable equipment is calibrated using either an independent calibration laboratory or Unified Compliance Laboratory personnel at intervals defined in ANSI C63.4:2014 following outlined calibration procedures. All measurement instrumentation is traceable to the National Institute of Standards and Technology (NIST). Supporting documentation relative to traceability is on file and is available for examination upon request.

4.4 Measurement Uncertainty

Test	Uncertainty ($\pm$ dB)	Confidence (%)
Conducted Emissions	1.44	95
Radiated Emissions (9 kHz to 30 MHz)	2.50	95
Radiated Emissions (30 MHz to 1 GHz)	4.38	95
Radiated Emissions (1 GHz to 18 GHz)	4.37	95
Radiated Emissions (18 GHz to 40 GHz)	3.93	95
Direct Connect Tests	K Factor	Value
Emissions Bandwidth	2	2.0%
Output Power	2	1.0 dB
Peak Power Spectral Density	2	1.3 dB
Band Edge	2	0.8 dB
Transmitter Spurious Emissions	2	1.8 dB

5 Test Results

5.1 §15.203 Antenna Requirements

The EUT uses an integral antenna. The maximum gain of the antenna per chain is 4.0 dBi. This is an 802.11 device and utilizes CDD as described in KDB 662911 D01. The antenna is not user replaceable.

For power measurements on IEEE 802.11 devices, Array Gain = 0 dB for $N_{ANT} \leq 4$;

For PSD measurements Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB = 3.01dB

The Directional Gain shall be considered Per KDB 662911 D01 Multiple Transmitter Output v02r01 Section 2 e) (iii) and the following equation:

Directional Gain = $G_{antMax} + 10\log(N_{ant}/N_{ss})$ dBi.

Where:

G_{antMax} = 4.0 (max gain for UNII-1 band from Antenna Report)

N_{ant} = 1 (Single Antenna)

N_{ss} = 1 (Single Spatial stream considered worst cast)

Directional Gain = $4.0 + 10\log(1/1) = 4.0$ dBi

Results

The EUT complied with the specification

5.2 §15.247(a)(2) Emissions Bandwidth

All chains were measured under the guidance of KDB 558074 Section 8.2. and KDB 66291 D01. Please see associated annex for details on instrument settings.

Mode	Frequency (MHz)	99% Bandwidth (MHz)	6 dB Bandwidth (MHz)
b	2412	12.6	8.2
	2437	12.3	8.2
	2462	12.6	8.2
g	2412	16.6	16.5
	2437	16.6	16.5
	2462	16.7	16.5
n 20	2412	17.7	17.7
	2437	17.8	17.7
	2462	17.7	17.7
n 40	2422	36.3	35.2
	2437	36.5	36.4
	2452	36.3	34.8
ax 20	2412	18.9	18.8
	2437	19.1	18.3
	2462	18.9	18.7
ax 40	2422	37.8	38.0
	2437	37.8	37.9
	2452	37.8	32.7

Result

All chains were tested and the highest bandwidth per chain is reported above.

In the configuration tested, the 6 dB bandwidth was greater than 500 kHz; therefore, the EUT complied with the requirements of the specification (see spectrum analyzer plot within the Annex).

5.3 §15.247(b)(3) Maximum Average Output Power

All chains were measured and summed under the guidance of KDB 558074 Section 8.3.2.3. and KDB 66291 D01. Please see associated annex for details on instrument settings.

The maximum average RF conducted output power measured for this device was 25.61 dBm or 458.14 mW. The limit is 30 dBm or 1 Watt when using antennas with 6 dBi or less gain. The antenna has a gain of 4.0 dBi.

Modulation (BW)	Frequency (MHz)	Data Rate	TP Setting	Conducted Output Power *	Measured EIRP
b 20	2412	Msc0	17.5	22.84	26.84
	2417	Msc0	18	23.31	27.31
	2422	Msc0	19	24.26	28.26
	2427	Msc0	20	24.98	28.98
	2432	Msc0	20.5	25.26	29.26
	2437	Msc0	20.5	25.41	29.41
	2442	Msc0	21	25.61	29.61
	2447	Msc0	20.5	25.35	29.35
	2452	Msc0	20	25.12	29.12
	2457	Msc0	19.5	24.76	28.76
	2462	Msc0	18.5	23.79	27.79
a 20	2412	Msc0	14.5	18.87	22.87
	2417	Msc0	16	20.34	24.34
	2422	Msc0	16	20.42	24.42
	2427	Msc0	17	21.45	25.45
	2432	Msc0	17.5	21.95	25.95
	2437	Msc0	18	22.73	26.73
	2442	Msc0	17.5	22.16	26.16
	2447	Msc0	17.5	22.14	26.14
	2452	Msc0	17	21.68	25.68
	2457	Msc0	17	21.68	25.68
	2462	Msc0	16.5	20.97	24.97
n 20	2412	Msc0	14	18.37	22.37
	2417	Msc0	15.5	19.80	23.80
	2422	Msc0	16.5	20.87	24.87
	2427	Msc0	17	21.35	25.35
	2432	Msc0	17	21.37	25.37

Modulation (BW)	Frequency (MHz)	Data Rate	TP Setting	Conducted Output Power *	Measured EIRP
	2437	Msc0	17.5	22.19	26.19
	2442	Msc0	17.5	22.11	26.11
	2447	Msc0	17.5	22.09	26.09
	2452	Msc0	17	21.60	25.60
	2457	Msc0	16.5	21.12	25.12
	2462	Msc0	16	20.34	24.34
n 40	2422	Msc0	14.5	18.68	22.68
	2437	Msc0	16.5	20.91	24.91
	2452	Msc0	15.5	19.95	23.95
ax 20	2412	Msc0	14	18.55	22.55
	2417	Msc0	15.5	19.97	23.97
	2422	Msc0	16	20.49	24.49
	2427	Msc0	16.5	21.02	25.02
	2432	Msc0	17	21.52	25.52
	2437	Msc0	17.5	22.34	26.34
	2442	Msc0	17	21.80	25.80
	2447	Msc0	17	21.75	25.75
	2452	Msc0	17	21.71	25.71
	2457	Msc0	16.5	21.24	25.24
	2462	Msc0	16	20.49	24.49
ax 40	2422	Msc0	14	18.38	22.38
	2437	Msc0	16	20.59	24.59
	2452	Msc0	15	19.62	23.62

Result

In the configuration tested, the maximum average RF output power was less than 1 watt; therefore, the EUT complied with the requirements of the specification (see spectrum analyzer plot within the Annex).

*** Gated EIRP shown in the Annex is the conducted measurement**

5.4 §15.247(d) Spurious Emissions

5.4.1 Radiated Spurious Emissions in the Restricted Bands of §15.205

The frequency range from the lowest frequency generated or used in the device to the tenth harmonic of the highest fundamental emissions was investigated to measure any radiated emissions in the restricted bands. The following tables show measurements of any emissions that fell into the restricted bands of §15.205. The tables show the worst-case emissions measured from the EUT. For frequencies above 18.0 GHz, a measurement distance of 1 meter was used. The noise floor was a minimum of 6 dB below the limits. The emissions in the restricted bands must meet the limits specified in §15.209. Tabular data for each of the spurious emissions is shown below for each of the units. Plots of the band edges are also shown.

Correction Factor = Antenna Factor + Cable Loss - Pre-Amplifier Gain, and is added to the Receiver reading.

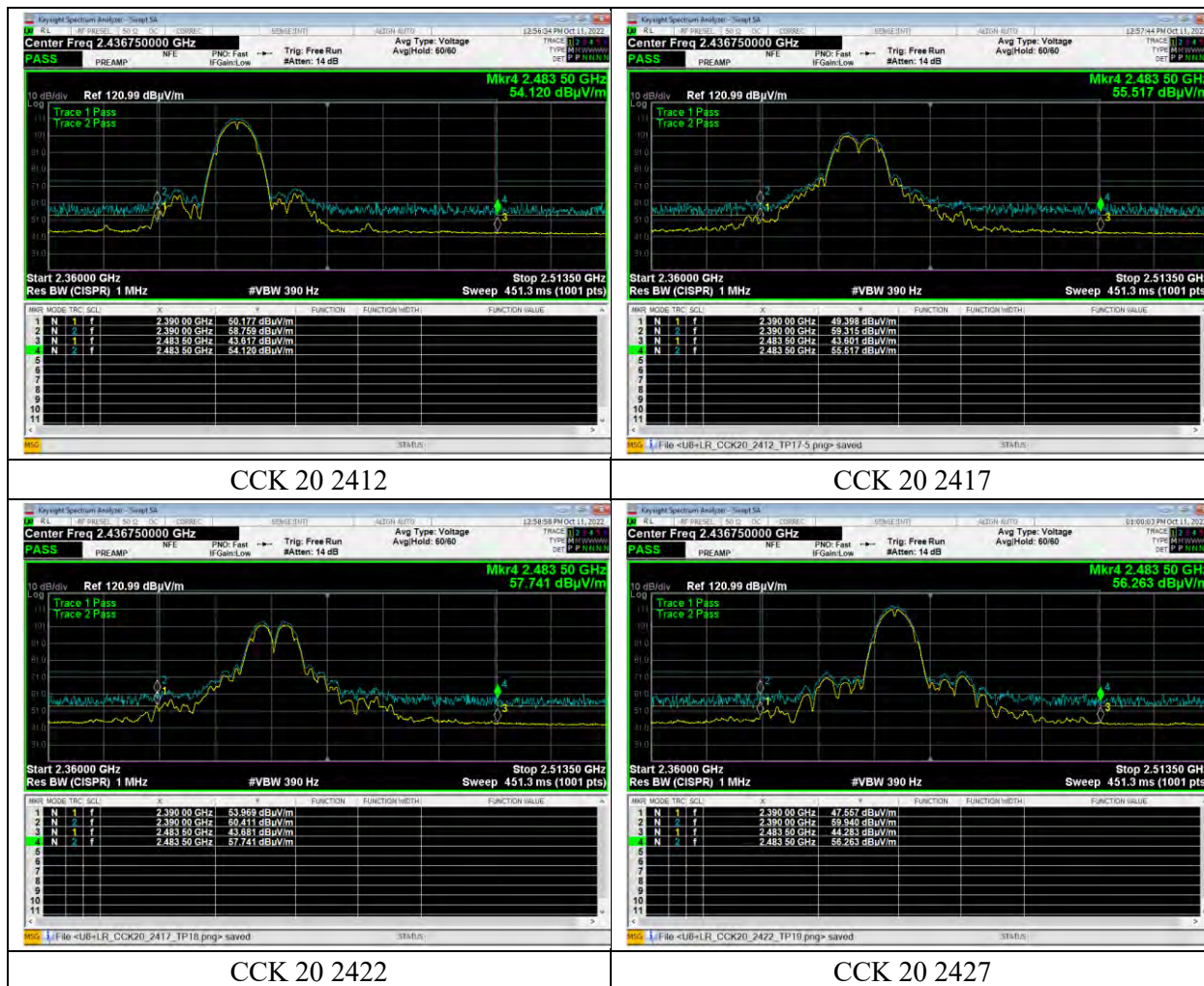
Result

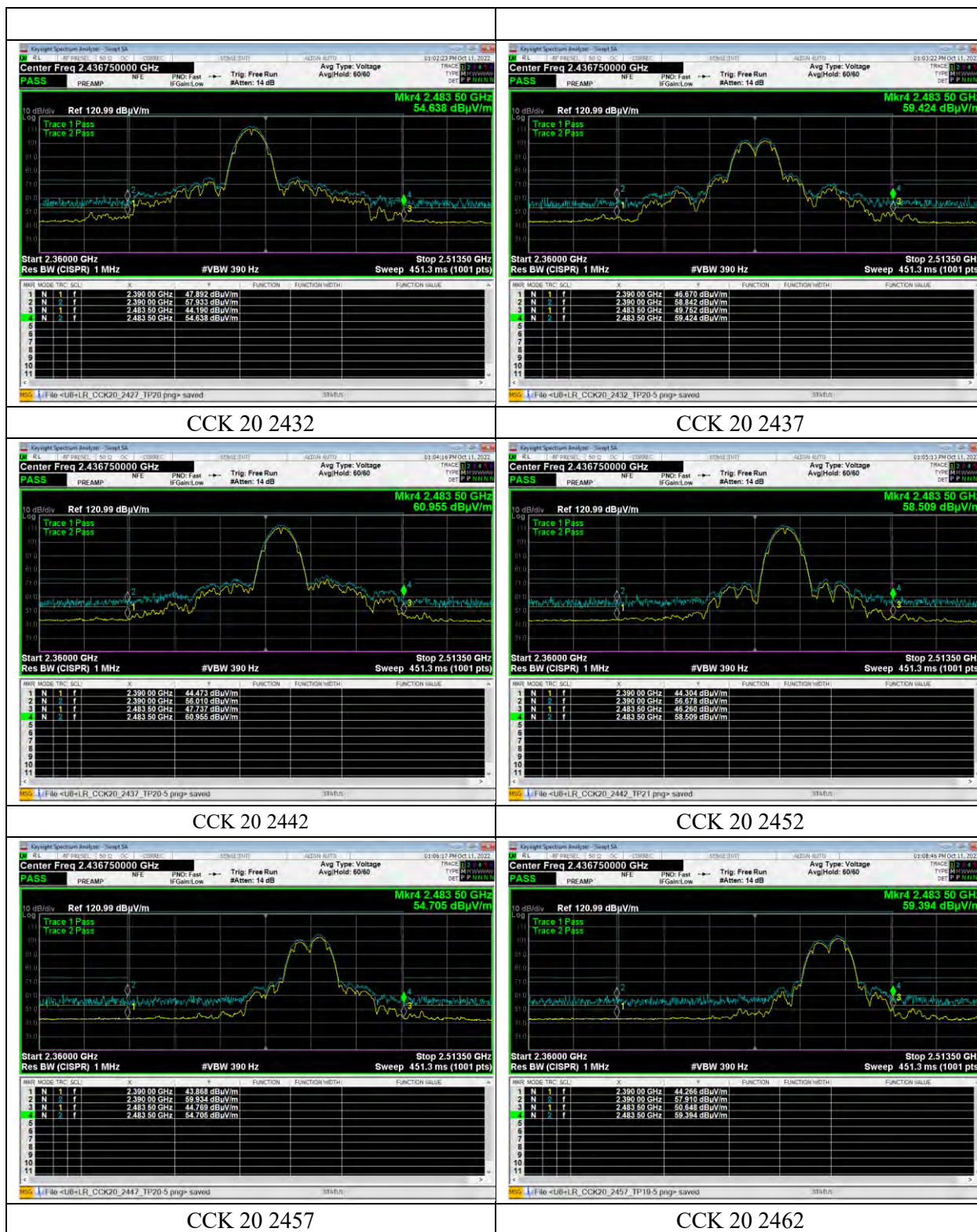
All emissions in the restricted bands of §15.205 met the limits specified in §15.209; therefore, the EUT complies with the specification.

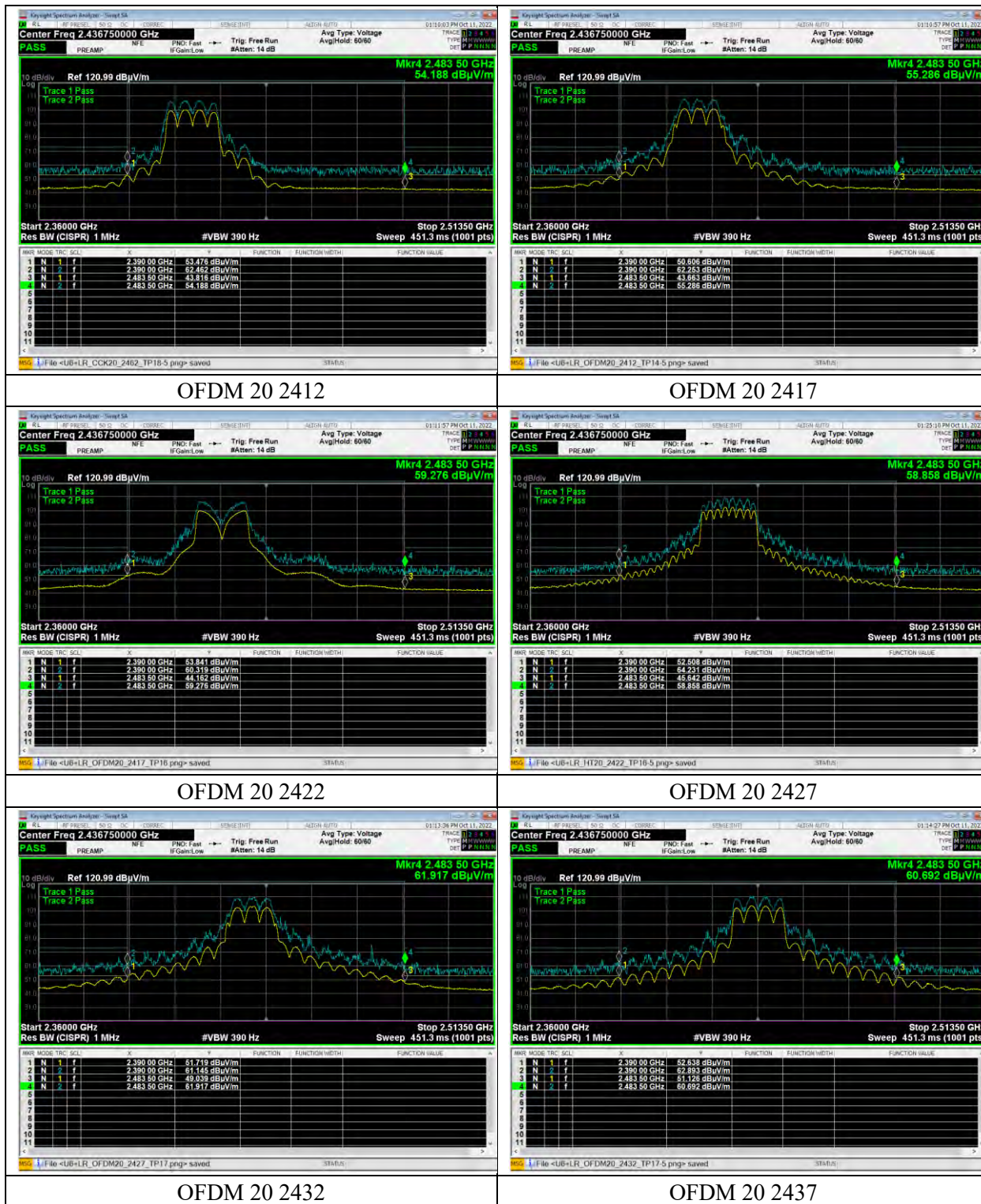
Frequency	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Azimuth (°)	Height (m)	Pol.	Meas. Time (s)	RBW (Hz)	Det.	Correction (dB)
2.2493 GHz	57.242	74	-16.758	195	2.65	Vertical	5	1000000	PK	-17.387
4.9248 GHz	55.987	74	-18.013	76	2.645	Vertical	5	1000000	PK	-10.434
7.3849 GHz	65.605	74	-8.395	164	2.645	Vertical	5	1000000	PK	-3.612
2.2493 GHz	32.352	54	-21.648	195	2.65	Vertical	5	1000000	Avg	-17.387
4.9248 GHz	42.005	54	-11.995	76	2.645	Vertical	5	1000000	Avg	-10.434
7.3849 GHz	51.115	54	-2.885	164	2.645	Vertical	5	1000000	Avg	-3.612
2.2349 GHz	55.907	74	-18.093	228	4	Vertical	5	1000000	PK	-17.343
4.8763 GHz	53.336	74	-20.664	80	1.5	Vertical	5	1000000	PK	-10.105
7.312 GHz	65.936	74	-8.064	163	2.645	Vertical	5	1000000	PK	-3.65
2.2349 GHz	32.682	54	-21.318	228	4	Vertical	5	1000000	Avg	-17.343
4.8763 GHz	39.767	54	-14.233	80	1.5	Vertical	5	1000000	Avg	-10.105
7.312 GHz	51.771	54	-2.229	163	2.645	Vertical	5	1000000	Avg	-3.65
2.2539 GHz	55.328	74	-18.672	48	2.146	Vertical	5	1000000	PK	-17.425
4.8276 GHz	53.623	74	-20.377	77	2.65	Vertical	5	1000000	PK	-10.576
7.2294 GHz	62.689	74	-11.311	159	2.65	Vertical	5	1000000	PK	-4.074
2.2539 GHz	34.629	54	-19.371	48	2.146	Vertical	5	1000000	Avg	-17.425
4.8276 GHz	40.015	54	-13.985	77	2.65	Vertical	5	1000000	Avg	-10.576
7.2294 GHz	48.267	54	-5.733	159	2.65	Vertical	5	1000000	Avg	-4.074
2.239 GHz	47.873	74	-26.127	146	1.643	Horizontal	5	1000000	PK	-17.314
4.8219 GHz	46.122	74	-27.878	301	2.65	Horizontal	5	1000000	PK	-10.509
7.2282 GHz	56.285	74	-17.715	128	3.154	Horizontal	5	1000000	PK	-4.012
2.239 GHz	24.647	54	-29.353	146	1.643	Horizontal	5	1000000	Avg	-17.314
4.8219 GHz	31.692	54	-22.308	301	2.65	Horizontal	5	1000000	Avg	-10.509
7.2282 GHz	42.018	54	-11.982	128	3.154	Horizontal	5	1000000	Avg	-4.012
2.2348 GHz	52.053	74	-21.947	335	3.798	Horizontal	5	1000000	PK	-17.344

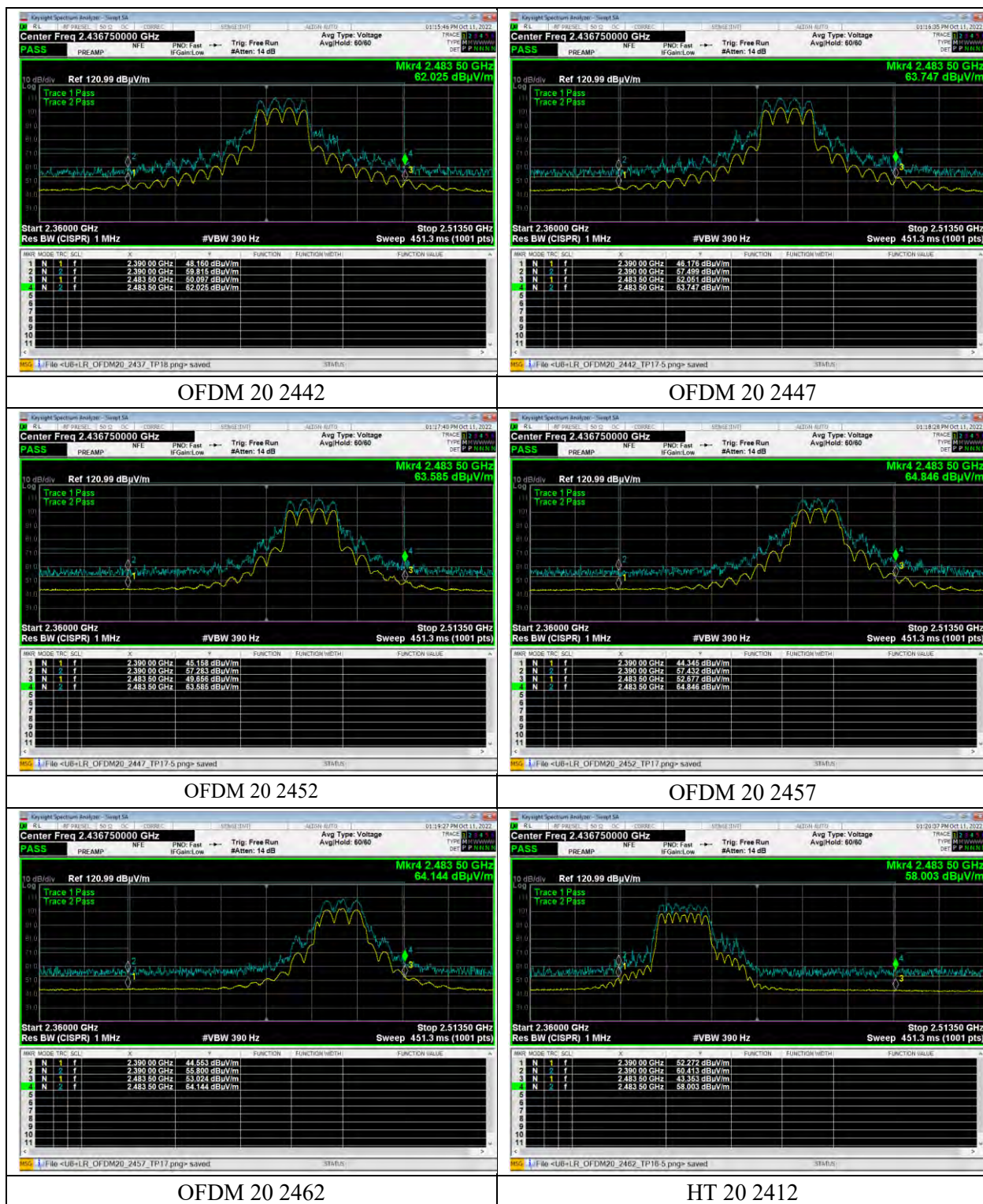
Frequency	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Azimuth (°)	Height (m)	Pol.	Meas. Time (s)	RBW (Hz)	Det.	Correctio n (dB)
7.3111 GHz	58.251	74	-15.749	167	4	Horizontal	5	1000000	PK	-3.648
14.91 GHz	50.56	74	-23.44	41	3.802	Horizontal	5	1000000	PK	7.305
2.2348 GHz	27.056	54	-26.944	335	3.798	Horizontal	5	1000000	Avg	-17.344
7.3111 GHz	44.393	54	-9.607	167	4	Horizontal	5	1000000	Avg	-3.648
14.91 GHz	37.892	54	-16.108	41	3.802	Horizontal	5	1000000	Avg	7.305
2.2177 GHz	43.774	74	-30.226	17	2.65	Horizontal	5	1000000	PK	-17.32
4.92 GHz	49.684	74	-24.316	18	4	Horizontal	5	1000000	PK	-10.391
7.3849 GHz	60.324	74	-13.676	136	3.802	Horizontal	5	1000000	PK	-3.612
2.2177 GHz	24.214	54	-29.786	17	2.65	Horizontal	5	1000000	Avg	-17.32
4.92 GHz	35.413	54	-18.587	18	4	Horizontal	5	1000000	Avg	-10.391
7.3849 GHz	46.067	54	-7.933	136	3.802	Horizontal	5	1000000	Avg	-3.612

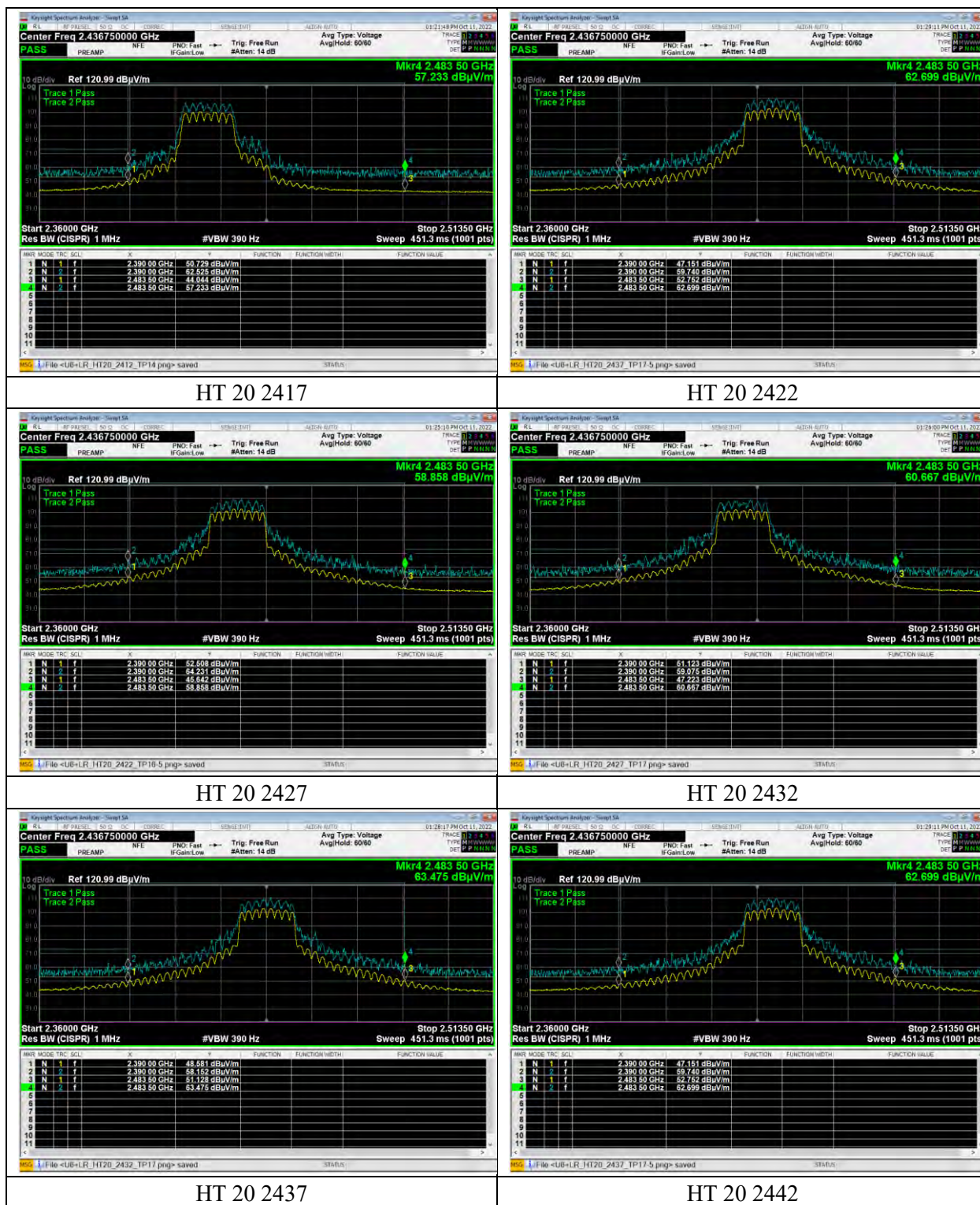
5.4.2 Band Edge Results

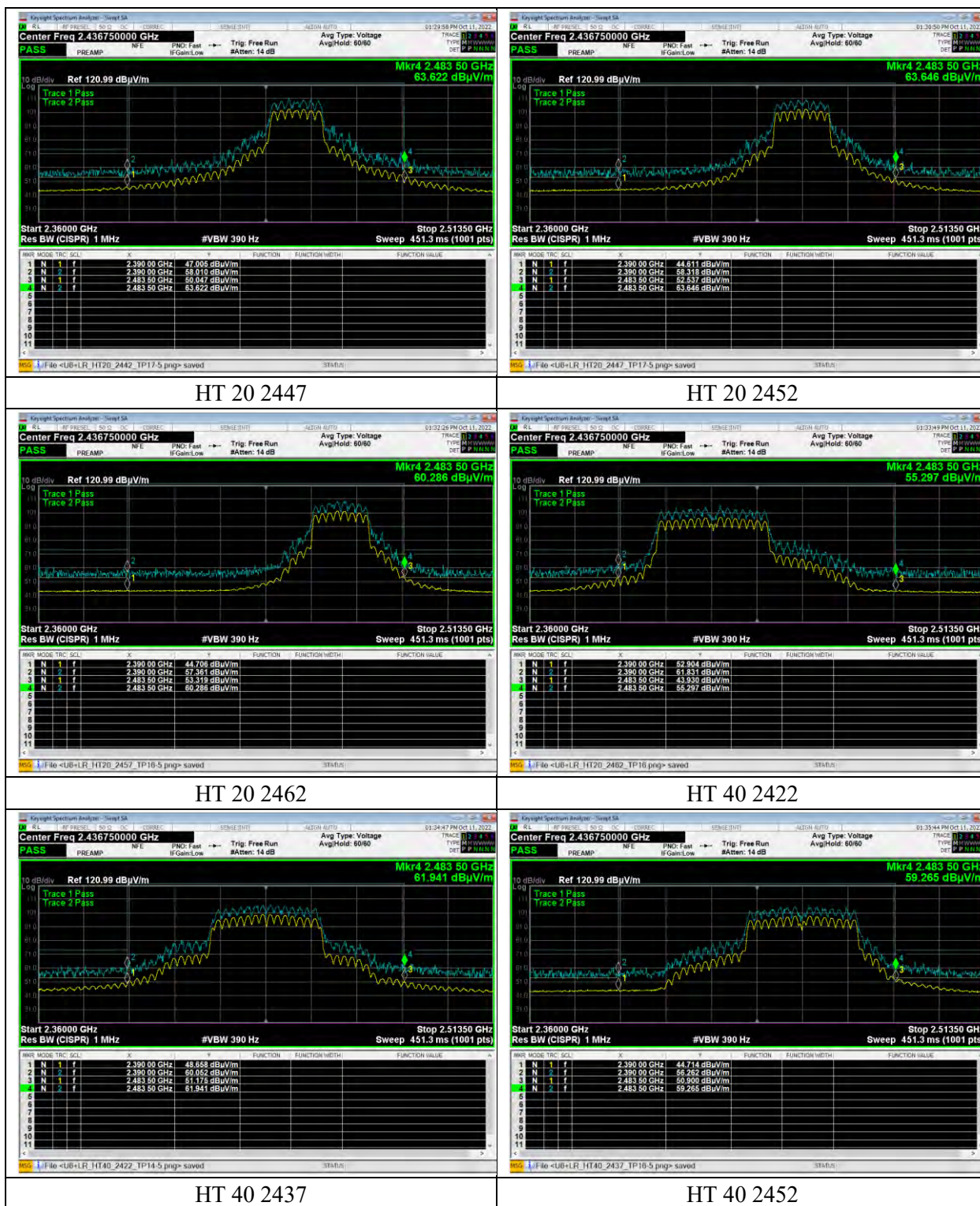


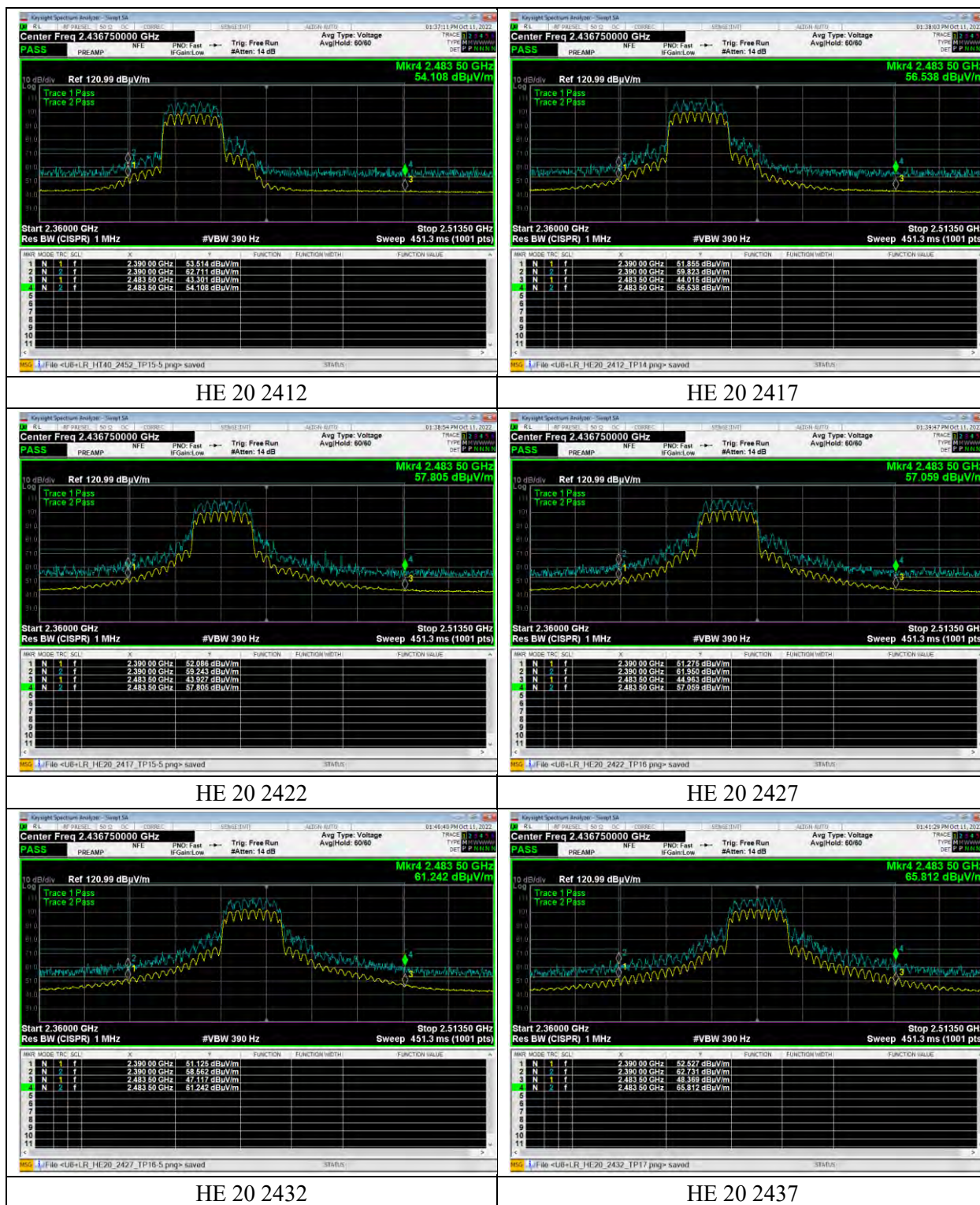


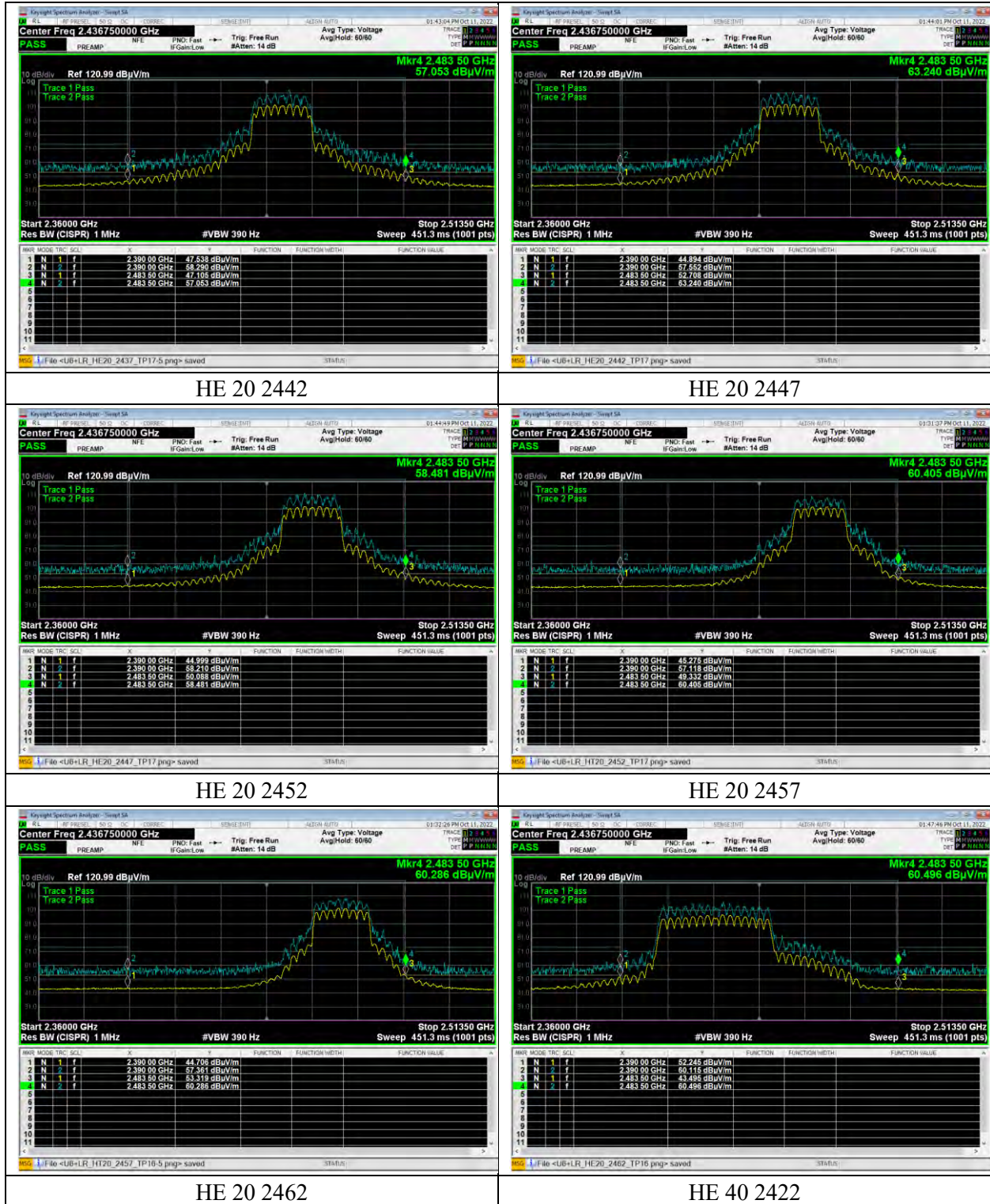














5.5 §15.247(e) Maximum Average Power Spectral Density

All chains were measured and summed under the guidance of KDB 558074 Section 8.4. and KDB 66291 D01. Please see associated annex for details on instrument settings.

The maximum average power spectral density conducted from the intentional radiator of the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. The antenna gain is 4.0 dBi.

Modulation (BW)	Frequency (MHz)	Data Rate	TP Setting	Measured PSD
b 20	2412	Mcs0	21	-10.70
	2417	Mcs0	21.5	-9.74
	2422	Mcs0	22.5	-9.27
	2427	Mcs0	22.5	-8.91
	2432	Mcs0	23	-8.36
	2437	Mcs0	23.5	-8.27
	2442	Mcs0	23.5	-7.61
	2447	Mcs0	23	-8.22
	2452	Mcs0	22.5	-8.69
	2457	Mcs0	22.5	-8.09
	2462	Mcs0	21.5	-9.43
a 20	2412	Mcs0	17	-18.15
	2417	Mcs0	19	-16.86
	2422	Mcs0	19.5	-16.19
	2427	Mcs0	20	-15.43
	2432	Mcs0	20	-14.64
	2437	Mcs0	21	-13.99
	2442	Mcs0	21	-14.44
	2447	Mcs0	20.5	-14.59
	2452	Mcs0	19.5	-14.91
	2457	Mcs0	19	-14.91
	2462	Mcs0	17.5	-15.82
n 20	2412	Mcs0	17	-18.67
	2417	Mcs0	18.5	-17.22
	2422	Mcs0	19	-15.73
	2427	Mcs0	19.5	-15.68
	2432	Mcs0	20	-15.72

Modulation (BW)	Frequency (MHz)	Data Rate	TP Setting	Measured PSD
	2437	Mcs0	20.5	-14.69
	2442	Mcs0	21	-15.00
	2447	Mcs0	20	-15.03
	2452	Mcs0	19.5	-15.33
	2457	Mcs0	18.5	-15.71
	2462	Mcs0	17.5	-16.62
n 40	2422	Mcs0	16	-20.78
	2437	Mcs0	19	-18.79
	2452	Mcs0	18	-19.24
ax 20	2412	Mcs0	16.5	-18.67
	2417	Mcs0	18	-16.46
	2422	Mcs0	19	-16.70
	2427	Mcs0	19.5	-15.48
	2432	Mcs0	20	-15.66
	2437	Mcs0	20.5	-14.83
	2442	Mcs0	21	-15.50
	2447	Mcs0	20	-15.70
	2452	Mcs0	19.5	-15.04
	2457	Mcs0	19	-15.50
	2462	Mcs0	17.5	-16.81
ax 40	2422	Mcs0	16	-21.30
	2437	Mcs0	18.5	-19.45
	2452	Mcs0	18	-19.75

Result

The maximum average power spectral density was less than the limit of 8 dBm; therefore, the EUT complies with the specification.

Test Results AX mode

(Note AX mode is considered worst case and is displayed here. All other modes were tested but omitted due to report size.)

FCC Part 47 §15.247 2400-2483.5 MHz 2018

Hardware Setup: WMS Measurements\TS8997 Hardware Setup

Spectrum Analyzer:	SA FSV 40 (SA FSV 40) @ VISA (ADR TCPIP::192.168.48.100::inst0::instr), SN 1321.3008K40/101752, FW 3.70
Vector Generator:	VG SMW200A (VG SMW200A) @ VISA (ADR TCPIP0::A-N5182B- 301471::inst0::INSTR), SN 101752, FW 3.70
Generator:	SMB100A (SMB100A) @ VISA (ADR TCPIP::192.168.48.110::inst0::INSTR), SN 180599, FW 3.20.390.24 / Drv:Rev 2.21.0, 07/2016, CVI 2015
OSP:	OSP-B157W8PLUS (OSP-B157W8PLUS) @ VISA (ADR TCPIP::192.168.48.157::inst0::instr), SN 1527.1144.06 / 100955, FW 2.00.1.0

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
RF output power	2412.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	2412.000	24.0	20.000000	PASS
Power Spectral Density	2412.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	2412.000	24.0	20.000000	PASS
Tx Spurious Emission	2412.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	2437.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	2437.000	24.0	20.000000	PASS
Tx Spurious Emission	2437.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	2462.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%	2462.000	24.0	20.000000	PASS
Tx Spurious Emission	2462.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB	2422.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	2422.000	24.0	40.000000	PASS
Tx Spurious Emission	2422.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	2437.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	2437.000	24.0	40.000000	PASS
Tx Spurious Emission	2437.000	24.0	40.000000	PASS
Minimum Emission Bandwidth 6 dB	2452.000	24.0	40.000000	PASS
Occupied Channel Bandwidth 99%	2452.000	24.0	40.000000	PASS
Tx Spurious Emission	2452.000	24.0	40.000000	PASS

RF output power (2412 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
2412.000000	18.6	30.0	18.6	87.566	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Minimum Emission Bandwidth 6 dB (2412 MHz; 24.000 dBm; 20 MHz)

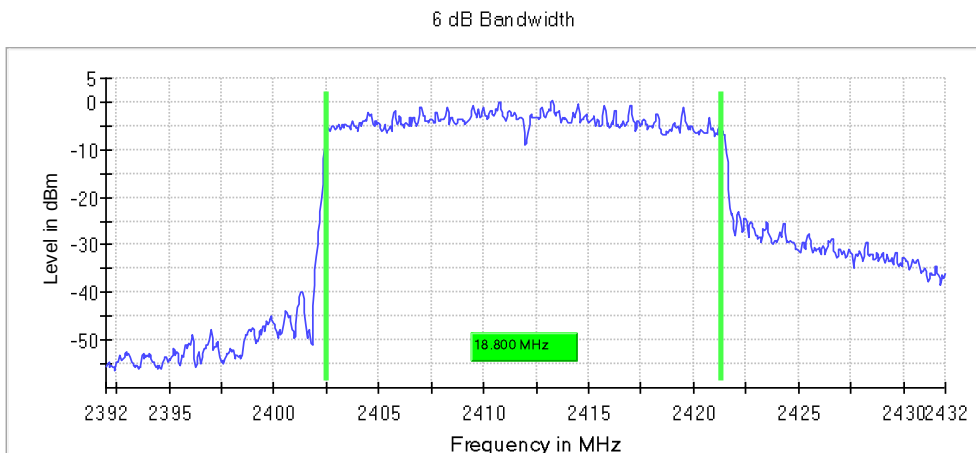
Customized settings.

6 dB Bandwidth

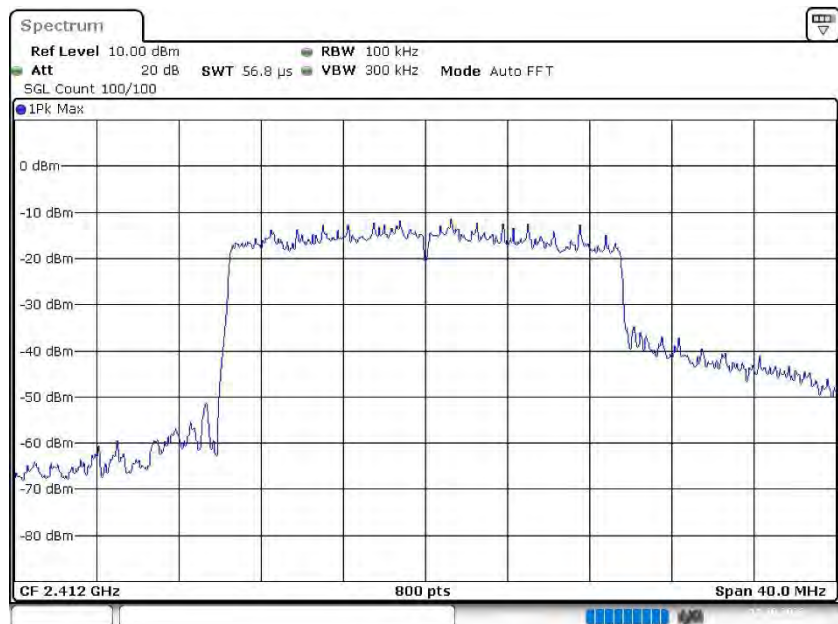
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	18.800000	0.500000	---	2402.525000	2421.325000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2412.000000	0.2	PASS



Bandwidth



Date: 11.OCT.2022 05:21:16

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	800	~ 800
SweepTime	56.836 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Power Spectral Density (2412 MHz; 24.000 dBm; 20 MHz)

Customized settings.

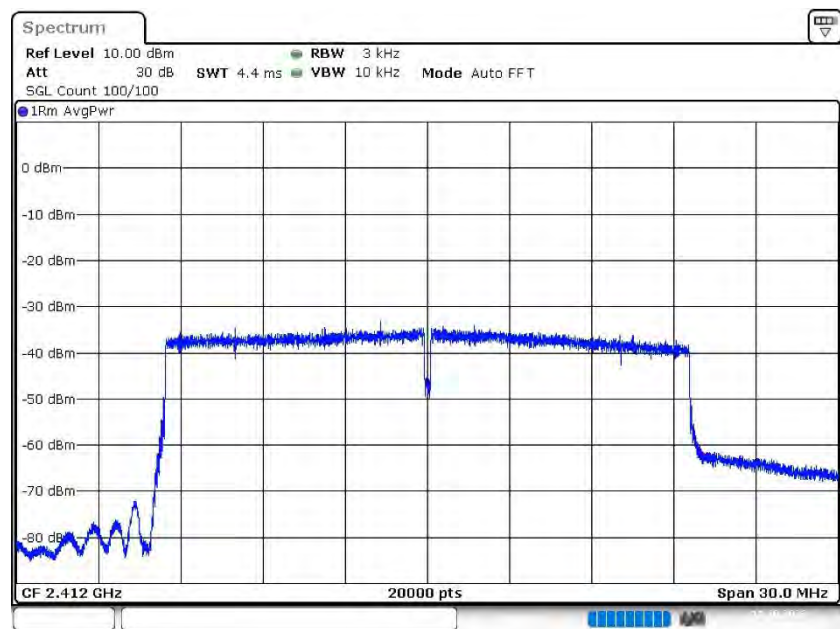
Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000	2413.713750	-18.666	8.0	PASS

Ports

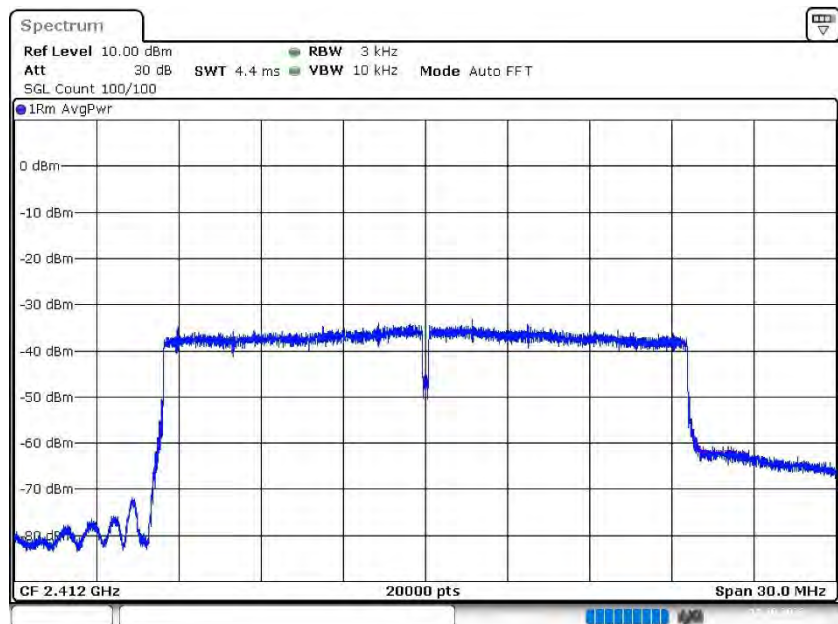
Port	State
1	used
2	used

PSD Connector 1



Date: 11.OCT.2022 09:21:41

PSD Connector 2



Date: 11.OCT.2022 05:22:02

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39700 GHz	2.39700 GHz
Stop Frequency	2.42700 GHz	2.42700 GHz
Span	30.000 MHz	30.000 MHz
RBW	3.000 kHz	<= 3.000 kHz
VBW	10.000 kHz	>= 9.000 kHz
SweepPoints	20000	~ 20000
SweepTime	4.424 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

Occupied Channel Bandwidth 99% (2412 MHz; 24.000 dBm; 20 MHz)

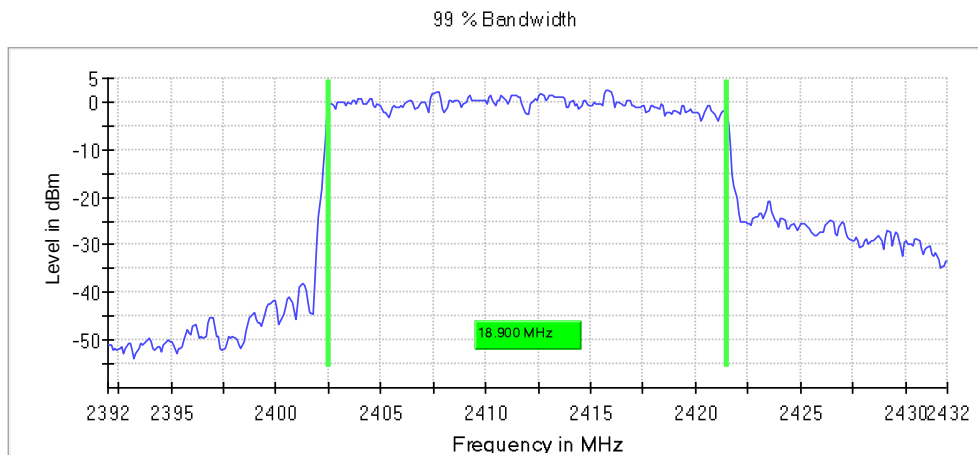
Customized settings.

99 % Bandwidth

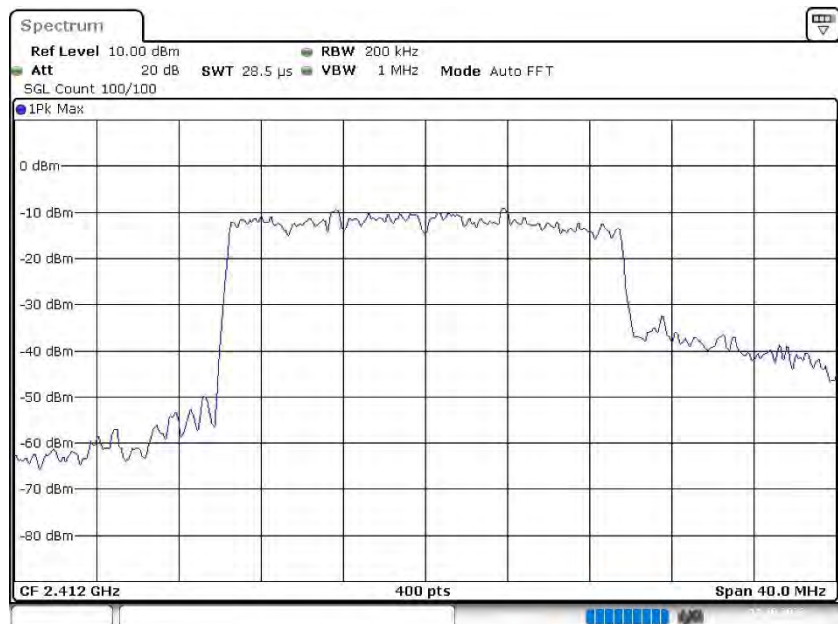
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2412.000000	18.900000	---	---	2402.550000	2421.450000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2412.000000	PASS



Bandwidth



Date: 11.OCT.2022 05:22:09

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39200 GHz	2.39200 GHz
Stop Frequency	2.43200 GHz	2.43200 GHz
Span	40.000 MHz	40.000 MHz
RBW	200.000 kHz	≥ 200.000 kHz
VBW	1.000 MHz	≥ 600.000 kHz
SweepPoints	400	~ 400
SweepTime	28.477 μ s	AUTO
Reference Level	10.000 dBm	AUTO
Attenuation	20.000 dB	20.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Tx Spurious Emission (2412 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
2412.000000	PASS

Final measurements

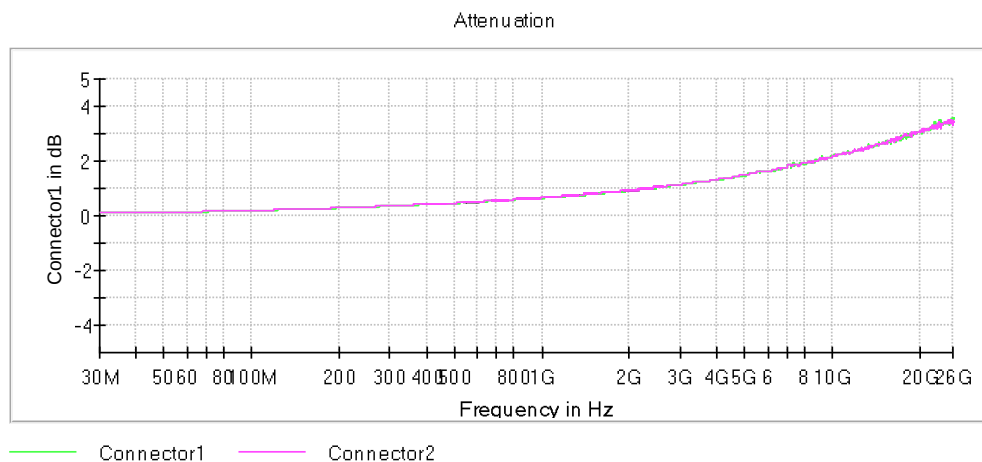
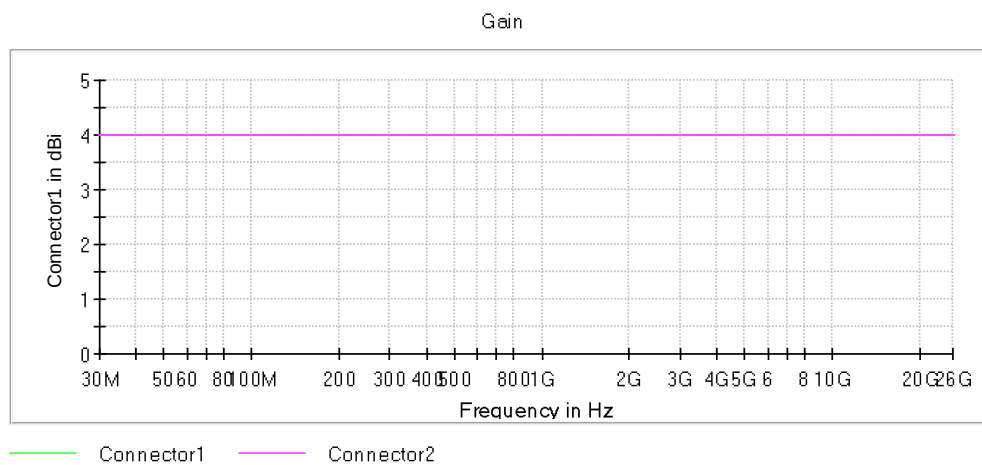
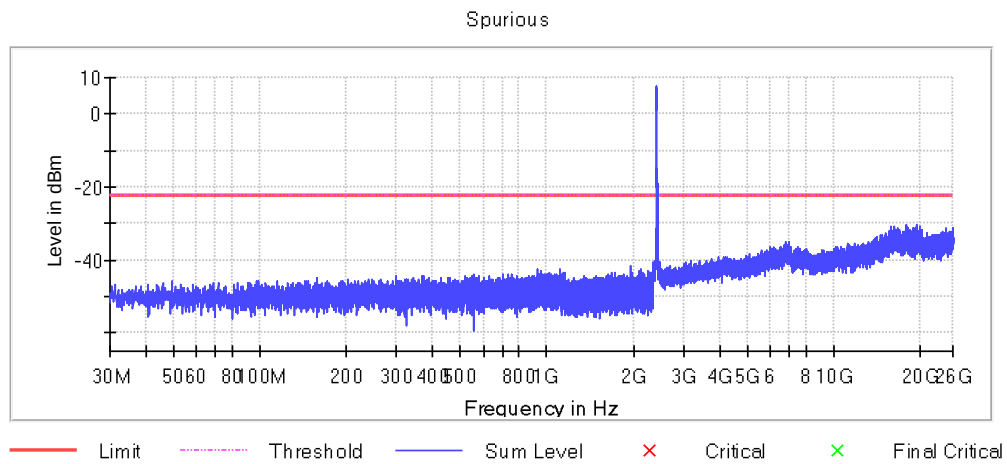
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
19536.471493	-30.2	7.9	-22.3
17886.693596	-30.5	8.2	-22.3
17899.921213	-30.6	8.3	-22.3
17908.004758	-30.6	8.3	-22.3
17911.679096	-30.7	8.4	-22.3
19535.736625	-30.8	8.5	-22.3
15901.816045	-30.8	8.5	-22.3
17891.837669	-30.9	8.6	-22.3
16179.596020	-30.9	8.7	-22.3
19886.268499	-31.0	8.7	-22.3
19523.978743	-31.0	8.7	-22.3
25916.592521	-31.0	8.7	-22.3
17874.200845	-31.0	8.7	-22.3
18225.467587	-31.1	8.8	-22.3
16224.422948	-31.1	8.8	-22.3

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2350.000000	1	1
2350.000000	2483.500000	2	1
2483.500000	26000.000000	1	1



Pre Measurement 1

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz

VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	32001	~ 46400
SweepTime	32.100 ms	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off

Pre Measurement 2

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	2670	~ 2670
SweepTime	151.563 μs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	300	300
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

Minimum Emission Bandwidth 6 dB (2437 MHz; 24.000 dBm; 20 MHz)

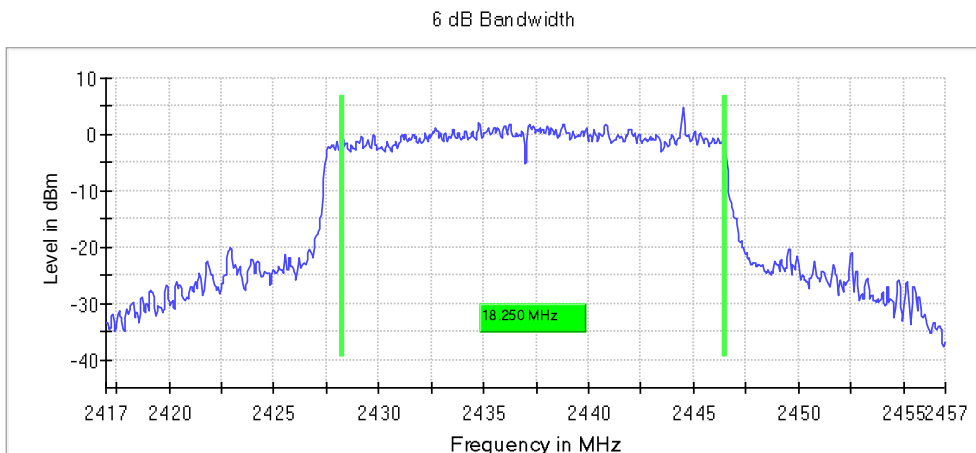
Customized settings.

6 dB Bandwidth

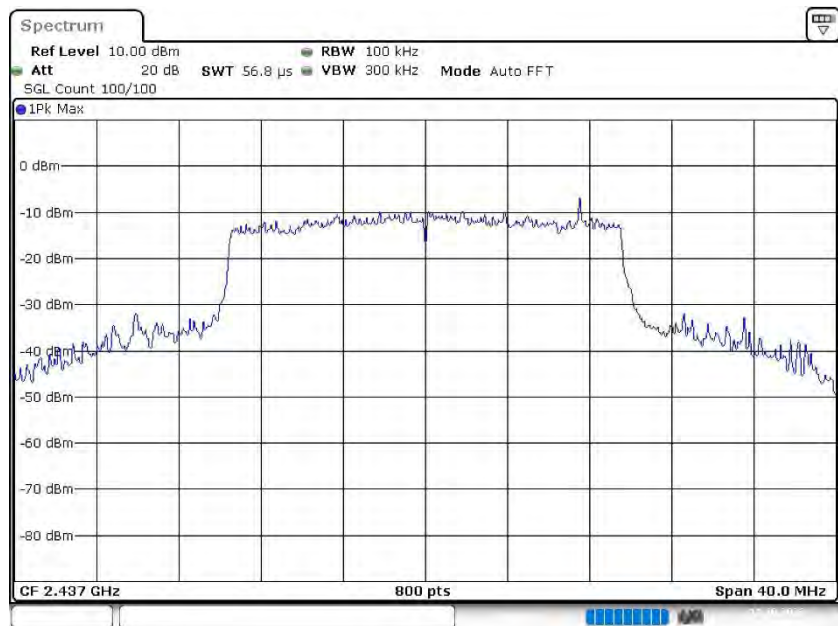
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	18.250000	0.500000	---	2428.225000	2446.475000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	4.9	PASS



Bandwidth



Occupied Channel Bandwidth 99% (2437 MHz; 24.000 dBm; 20 MHz)

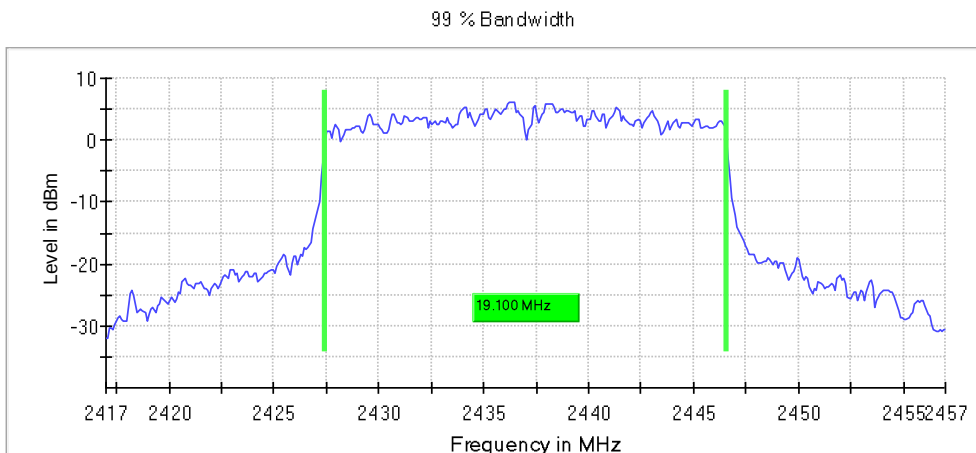
Customized settings.

99 % Bandwidth

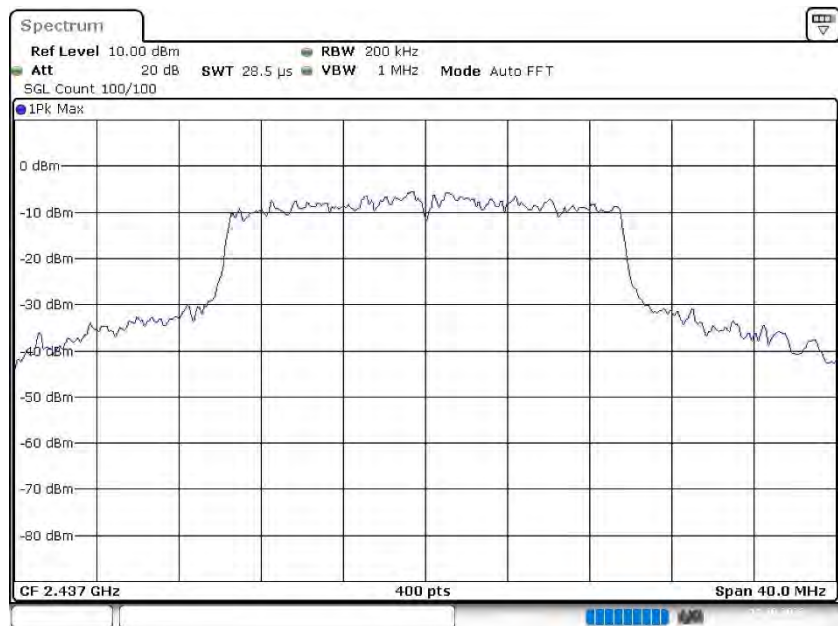
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	19.100000	---	---	2427.450000	2446.550000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS



Bandwidth



Date: 11.OCT.2022 05:32:05

Tx Spurious Emission (2437 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Final measurements

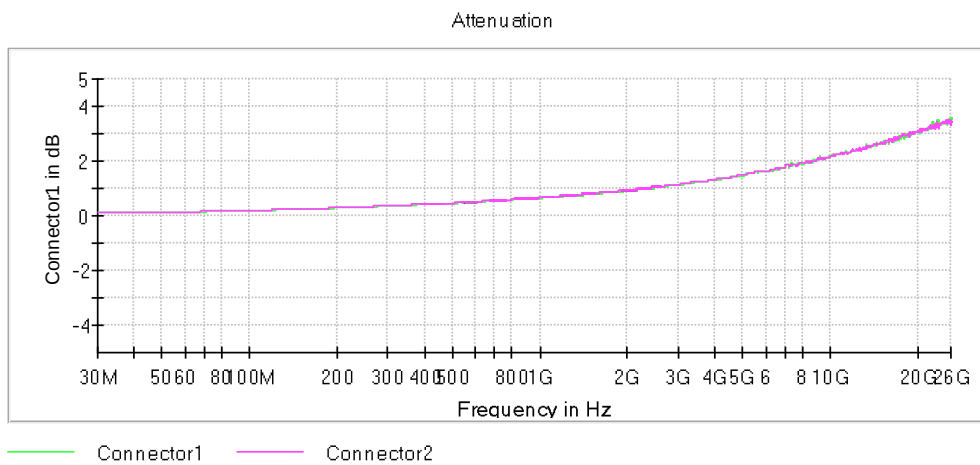
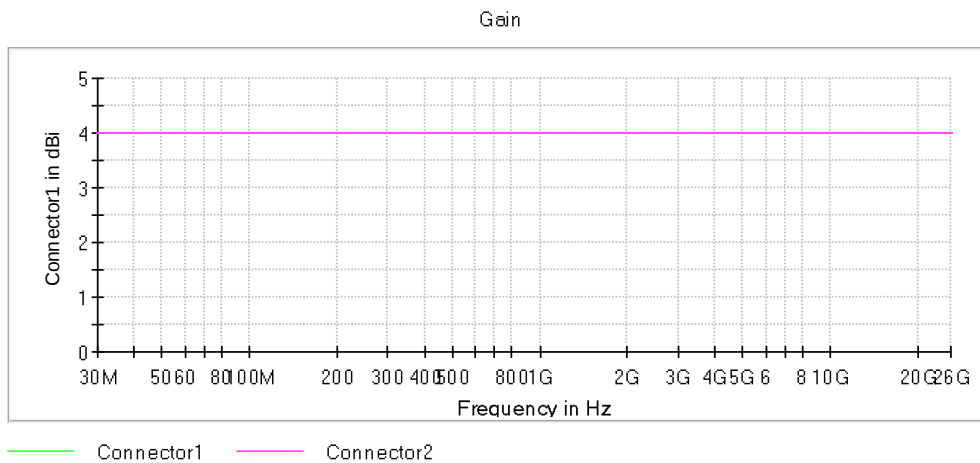
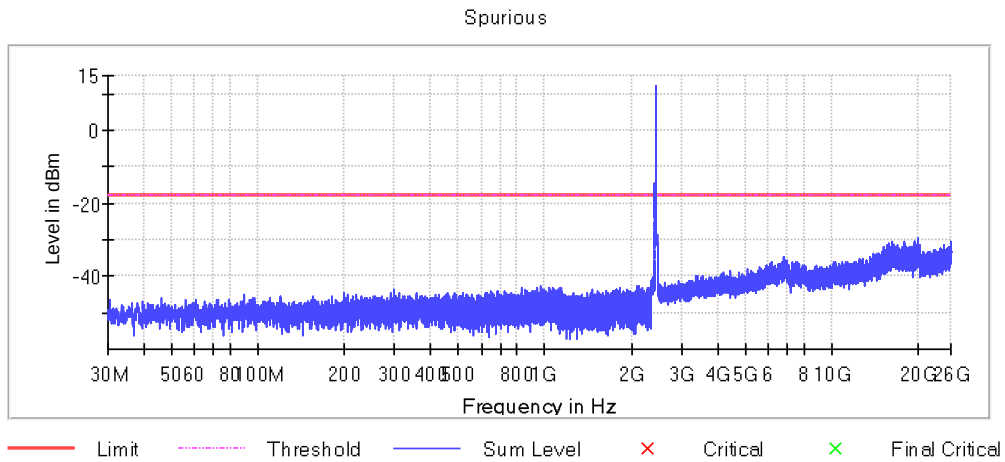
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
19903.905323	-29.8	12.1	-17.6
19934.034897	-30.0	12.3	-17.6
19865.692205	-30.2	12.6	-17.6
17888.898198	-30.5	12.8	-17.6
19535.001758	-30.6	12.9	-17.6
25970.237860	-30.6	12.9	-17.6
19536.471493	-30.6	13.0	-17.6
19902.435588	-30.6	13.0	-17.6
16149.466446	-30.6	13.0	-17.6
19510.751125	-30.7	13.1	-17.6
19882.594161	-30.7	13.1	-17.6
19887.003367	-30.8	13.2	-17.6
15865.807529	-30.8	13.2	-17.6
19942.853309	-30.9	13.3	-17.6
16156.080255	-30.9	13.3	-17.6

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2350.000000	1	1
2350.000000	2483.500000	2	1
2483.500000	26000.000000	1	1



Minimum Emission Bandwidth 6 dB (2462 MHz; 24.000 dBm; 20 MHz)

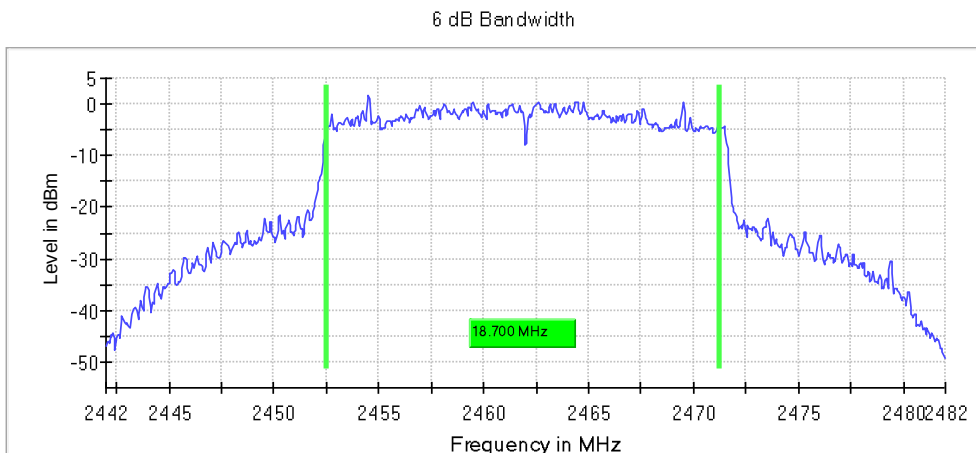
Customized settings.

6 dB Bandwidth

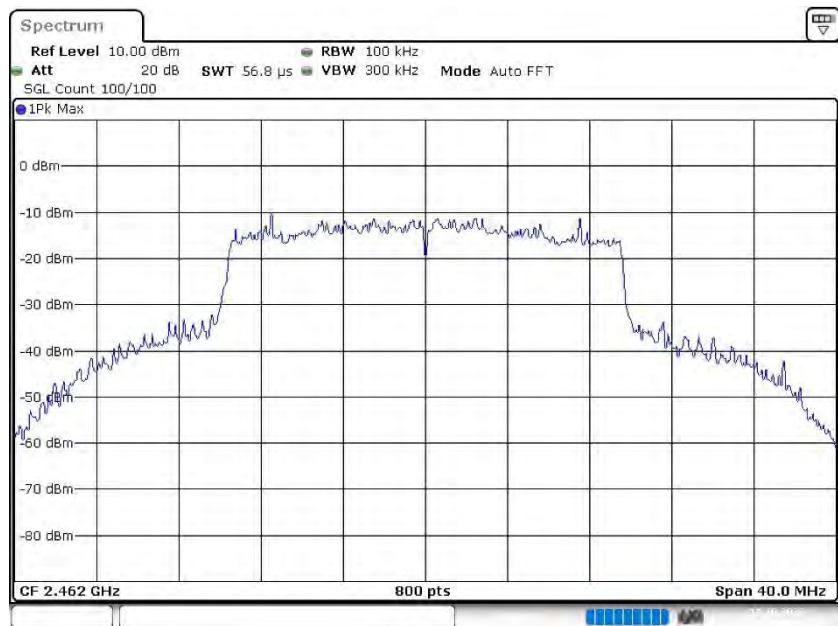
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	18.700000	0.500000	---	2452.525000	2471.225000

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2462.000000	1.6	PASS



Bandwidth



Date: 11.OCT.2022 05:40:18

Occupied Channel Bandwidth 99% (2462 MHz; 24.000 dBm; 20 MHz)

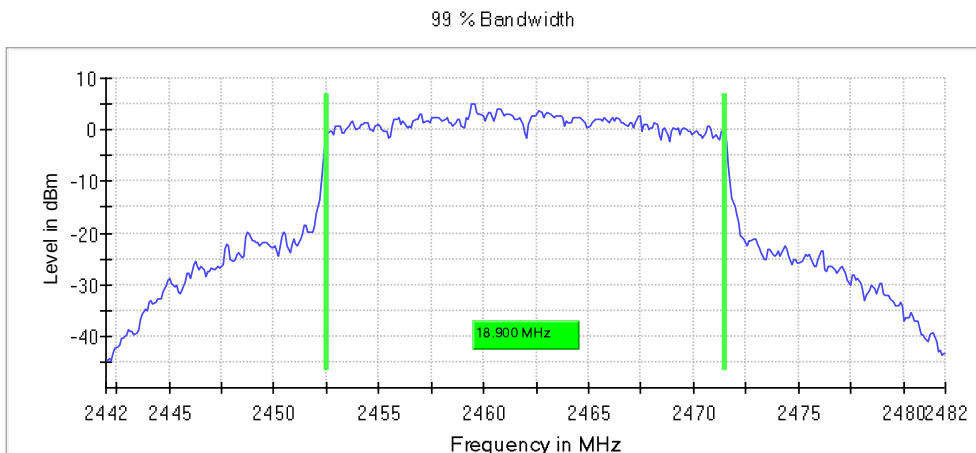
Customized settings.

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000	18.900000	---	---	2452.550000	2471.450000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2462.000000	PASS



Bandwidth



Date: 11.OCT.2022 05:41:13

Tx Spurious Emission (2462 MHz; 24.000 dBm; 20 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
2462.000000	PASS

Final measurements

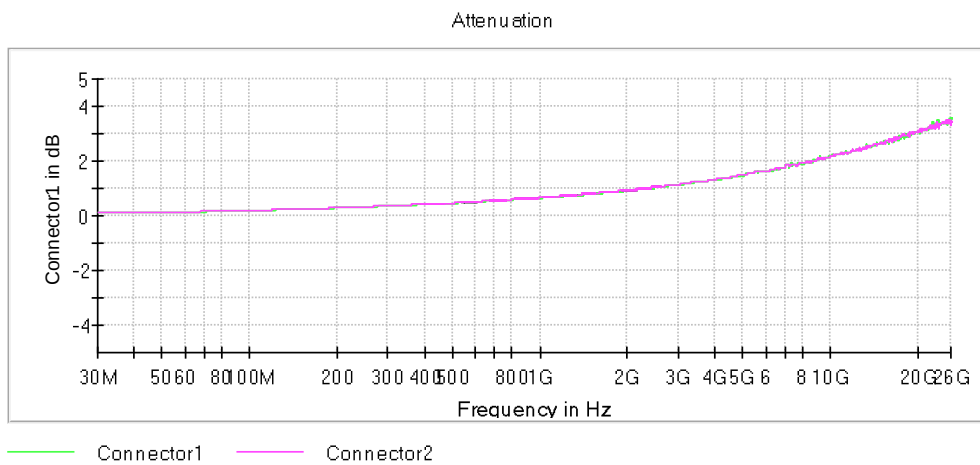
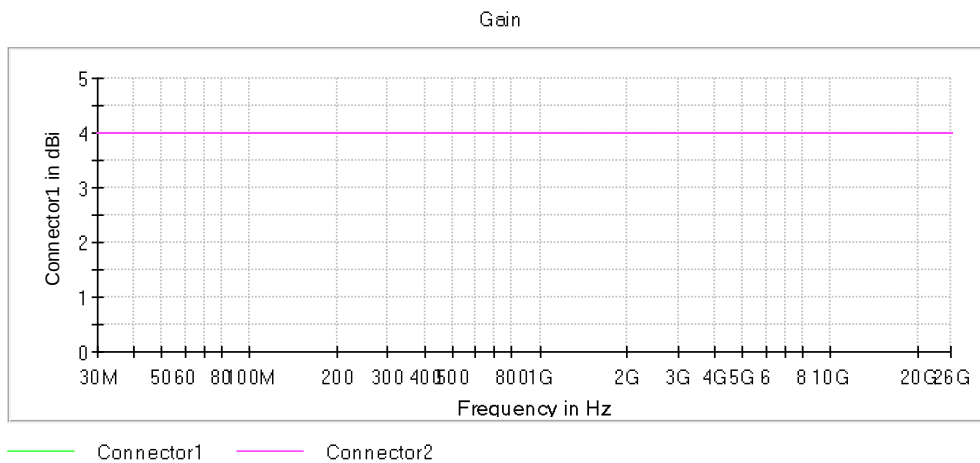
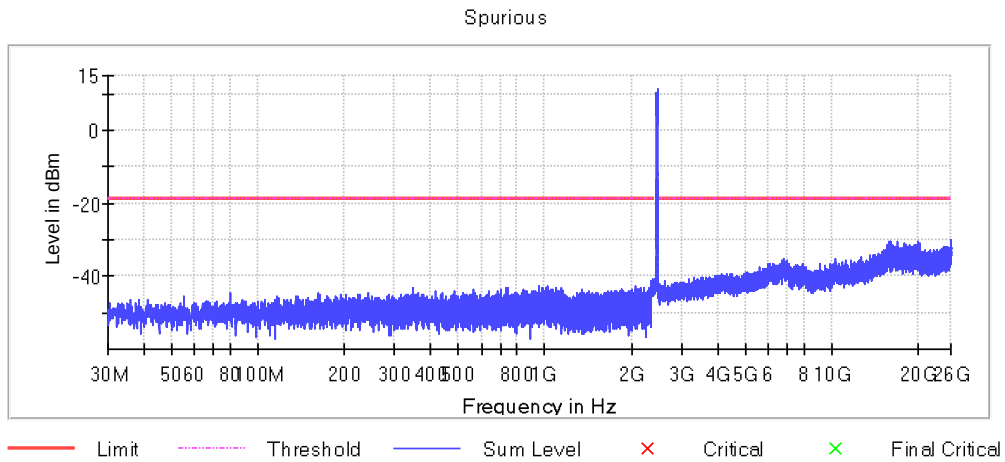
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
25957.010242	-30.0	11.4	-18.6
16094.351372	-30.5	11.9	-18.6
15819.510867	-30.6	11.9	-18.6
16890.213048	-30.6	12.0	-18.6
19889.207970	-30.6	12.0	-18.6
15920.922604	-30.7	12.0	-18.6
19862.017867	-30.8	12.1	-18.6
19901.700720	-30.9	12.3	-18.6
20145.676784	-30.9	12.3	-18.6
19857.608661	-31.0	12.4	-18.6
17864.647566	-31.1	12.4	-18.6
25918.062256	-31.1	12.5	-18.6
15853.314779	-31.1	12.5	-18.6
16196.497977	-31.2	12.5	-18.6
16215.604536	-31.2	12.6	-18.6

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2350.000000	1	1
2350.000000	2483.500000	2	1
2483.500000	26000.000000	1	1



Minimum Emission Bandwidth 6 dB (2422 MHz; 24.000 dBm; 40 MHz)

Customized settings.

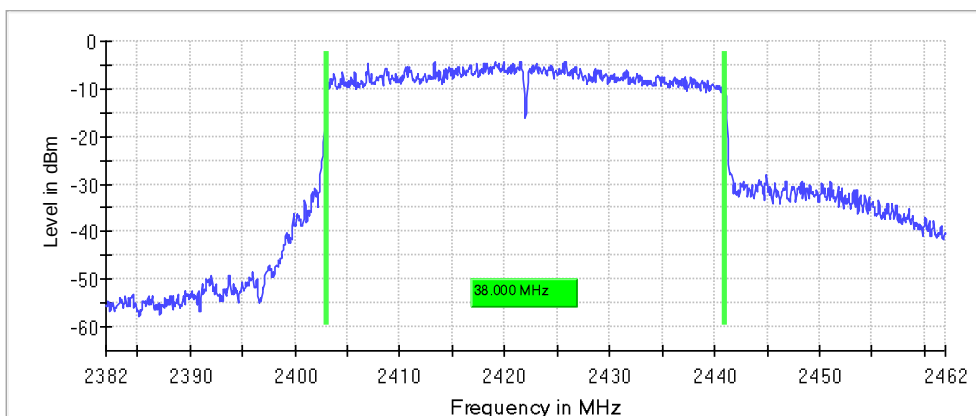
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	38.000000	0.500000	---	2402.975000	2440.975000

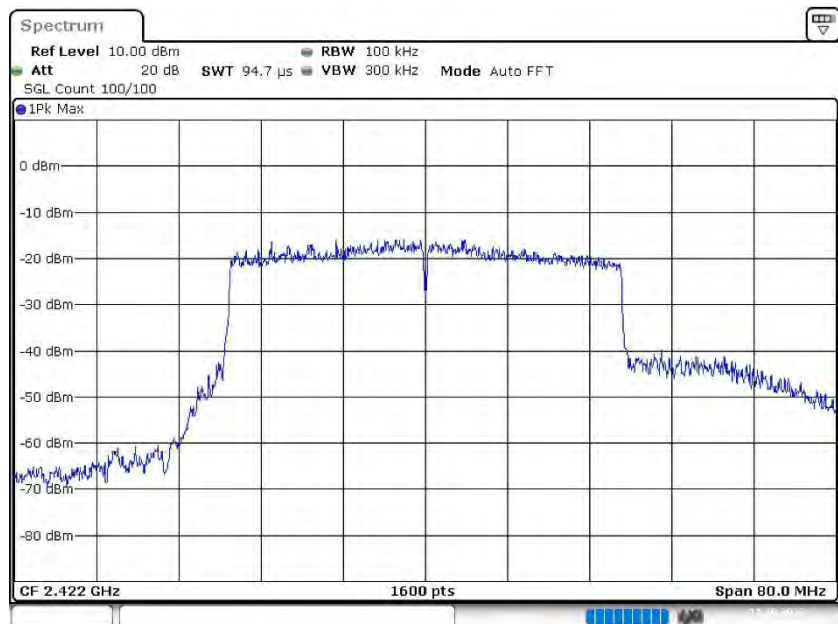
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2422.000000	-4.2	PASS

6 dB Bandwidth



Bandwidth



Date: 11.OCT.2022 05:43:59

Occupied Channel Bandwidth 99% (2422 MHz; 24.000 dBm; 40 MHz)

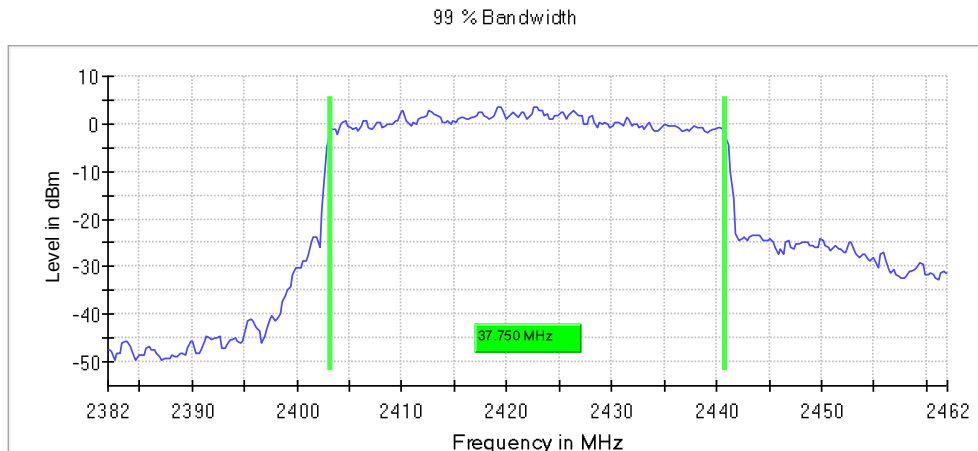
Customized settings.

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2422.000000	37.750000	---	---	2403.125000	2440.875000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2422.000000	PASS



Bandwidth



Date: 11.OCT.2022 05:45:41

Tx Spurious Emission (2422 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
2422.000000	PASS

Final measurements

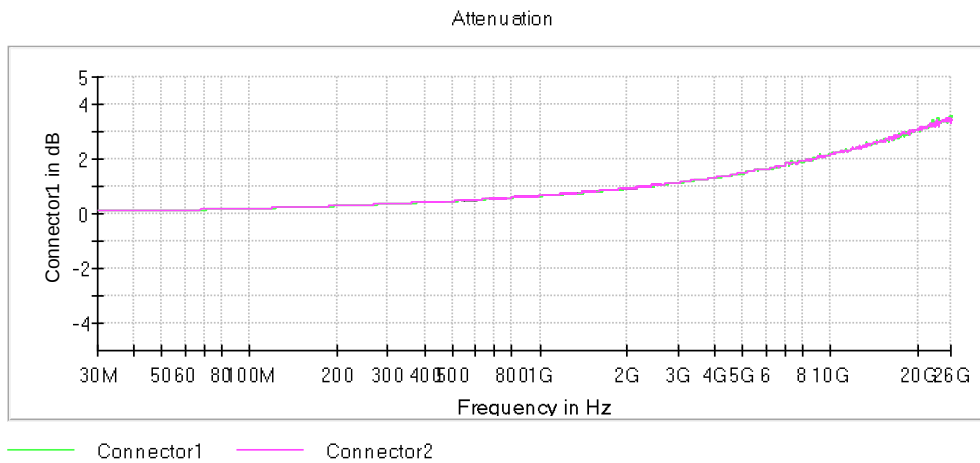
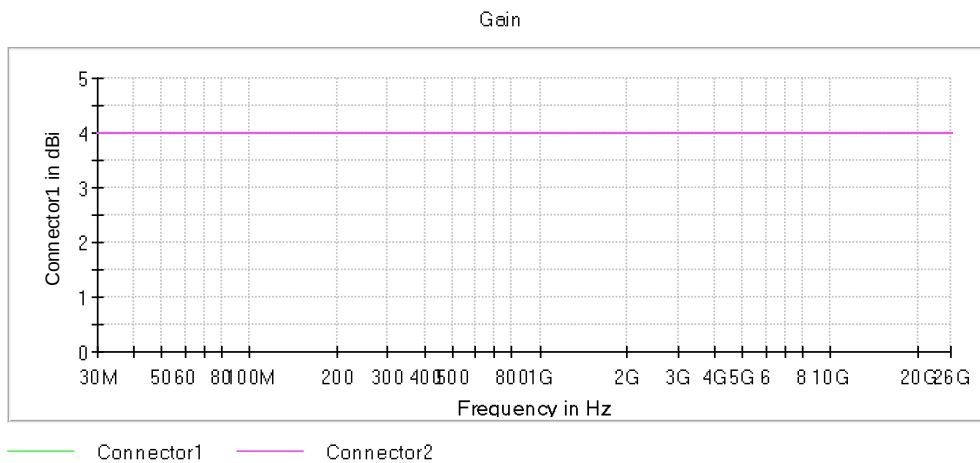
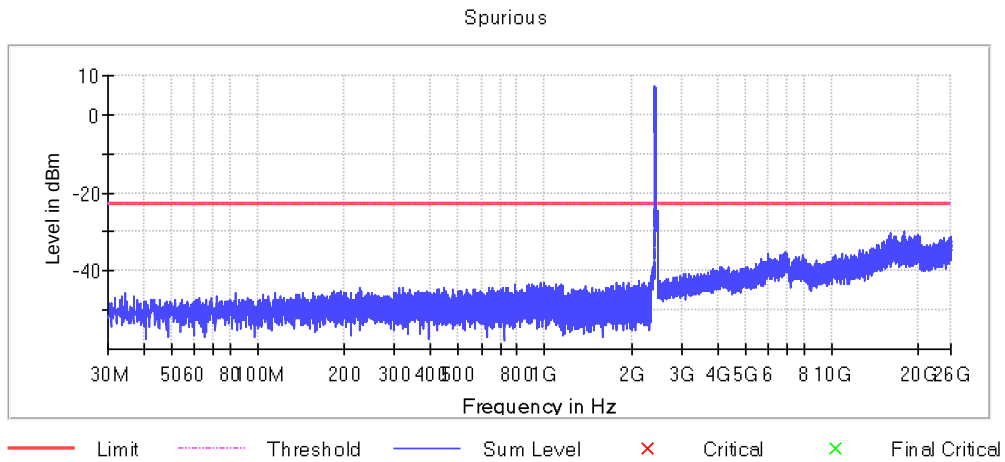
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
17886.693596	-29.9	7.1	-22.8
16123.011211	-30.4	7.5	-22.8
19900.965853	-30.7	7.9	-22.8
2399.575000	-30.7	7.9	-22.8
2399.625000	-30.8	8.0	-22.8
2399.375000	-30.8	8.0	-22.8
2399.475000	-30.9	8.1	-22.8
17863.177830	-30.9	8.1	-22.8
19540.880699	-31.0	8.1	-22.8
2399.425000	-31.0	8.2	-22.8
16466.929276	-31.0	8.2	-22.8
20227.247094	-31.0	8.2	-22.8
25974.647066	-31.1	8.2	-22.8
17880.814654	-31.1	8.3	-22.8
15888.588427	-31.1	8.3	-22.8

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2350.000000	1	1
2350.000000	2483.500000	2	1
2483.500000	26000.000000	1	1



Minimum Emission Bandwidth 6 dB (2437 MHz; 24.000 dBm; 40 MHz)

Customized settings.

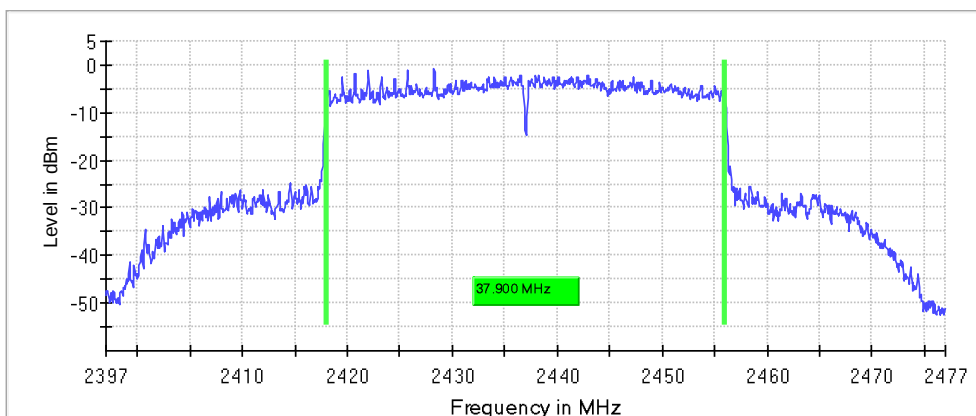
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	37.900000	0.500000	---	2418.075000	2455.975000

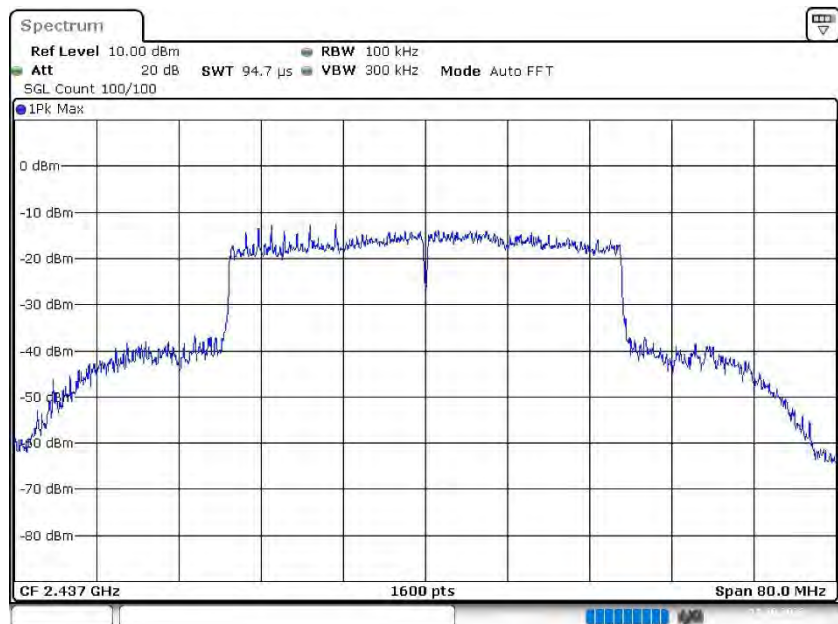
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2437.000000	-0.9	PASS

6 dB Bandwidth



Bandwidth



Date: 11.OCT.2022 05:48:28

Occupied Channel Bandwidth 99% (2437 MHz; 24.000 dBm; 40 MHz)

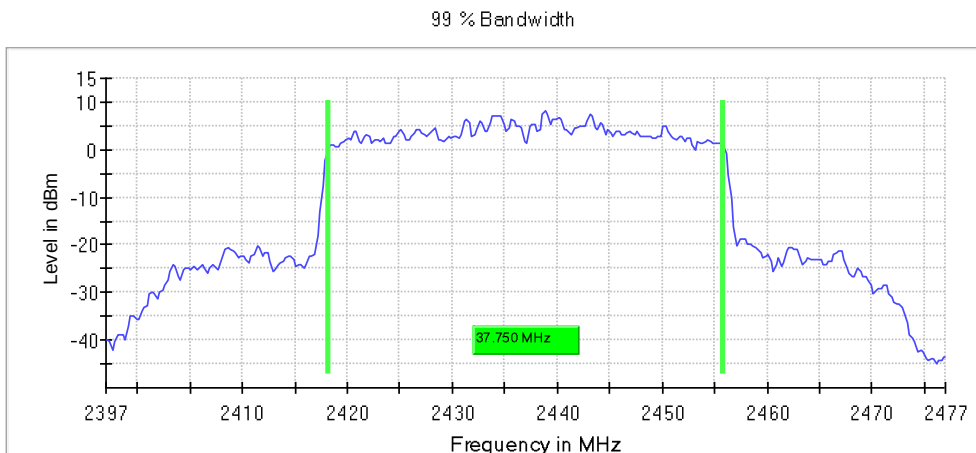
Customized settings.

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	37.750000	---	---	2418.125000	2455.875000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2437.000000	PASS



Bandwidth



Date: 11.OCT.2022 05:49:45

Tx Spurious Emission (2437 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
2437.000000	PASS

Final measurements

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

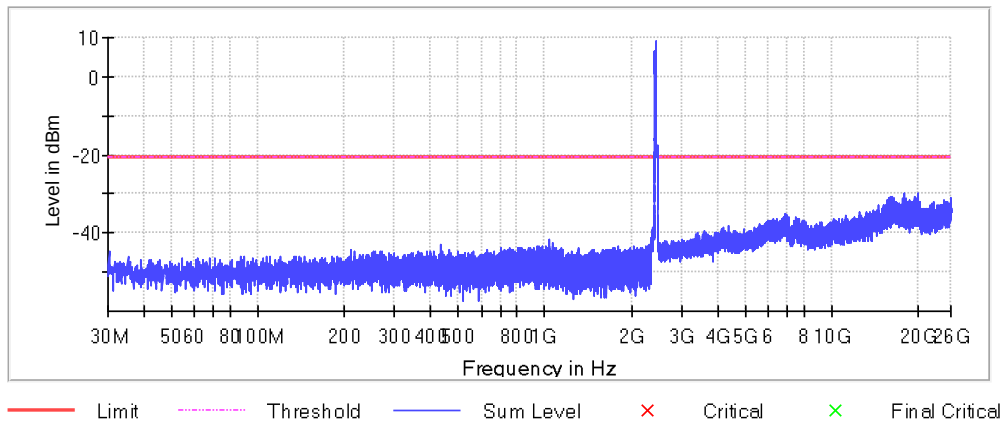
Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
17866.117301	-29.6	8.9	-20.8
19876.715220	-29.9	9.2	-20.8
19917.132941	-30.5	9.7	-20.8
19886.268499	-30.7	9.9	-20.8
16160.489461	-30.7	9.9	-20.8
19565.131332	-30.8	10.0	-20.8
16109.783593	-30.8	10.1	-20.8
16442.678643	-31.0	10.3	-20.8
15876.830544	-31.1	10.3	-20.8
19843.646175	-31.1	10.3	-20.8
25904.099770	-31.1	10.3	-20.8
15845.231235	-31.1	10.3	-20.8
19557.782655	-31.1	10.4	-20.8
15815.836529	-31.2	10.4	-20.8
17664.028694	-31.2	10.4	-20.8

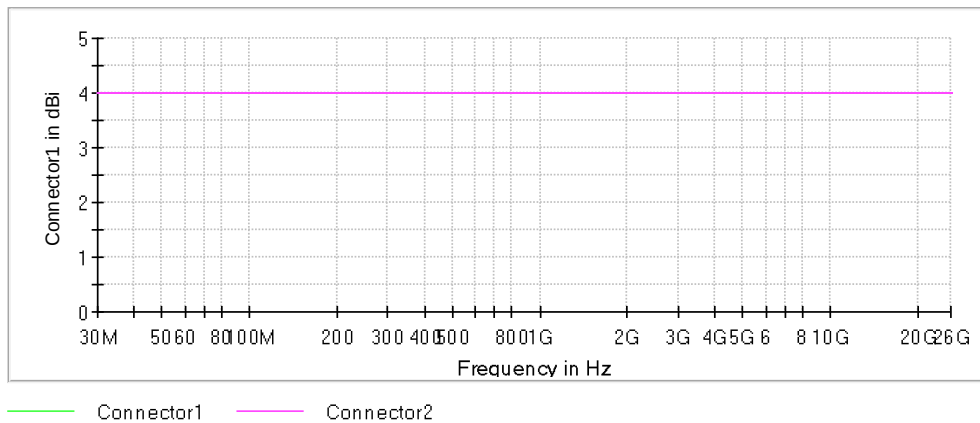
Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2350.000000	1	1
2350.000000	2483.500000	2	1
2483.500000	26000.000000	1	1

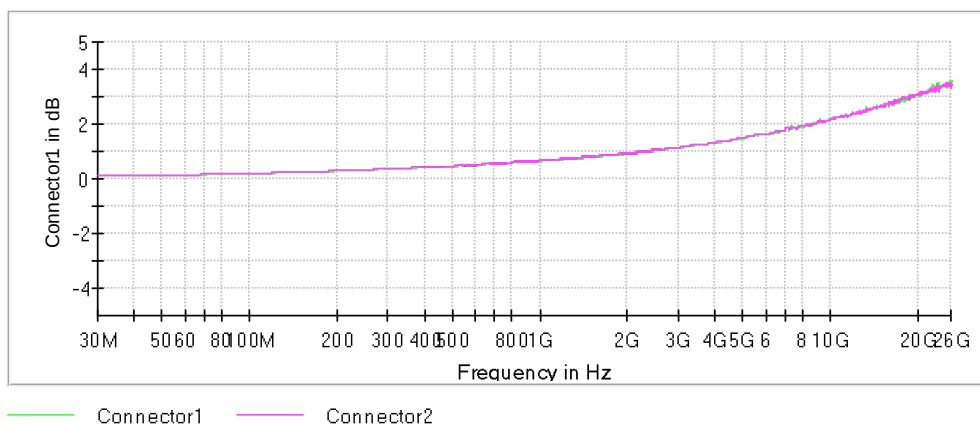
Spurious



Gain



Attenuation



Minimum Emission Bandwidth 6 dB (2452 MHz; 24.000 dBm; 40 MHz)

Customized settings.

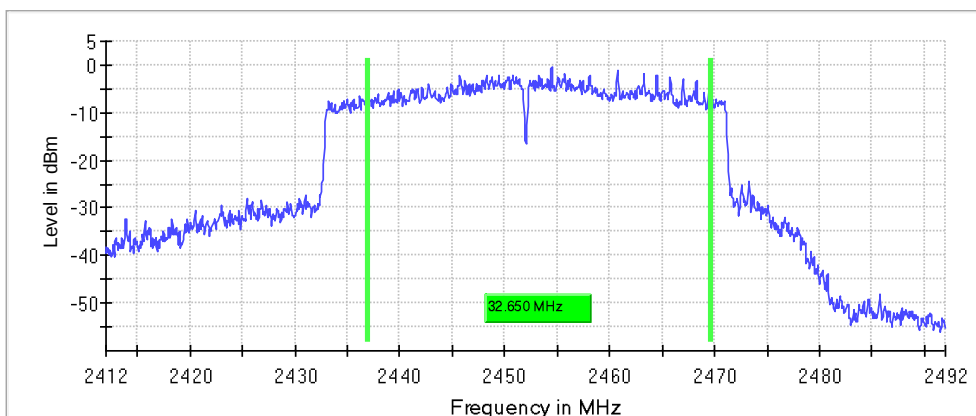
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	32.650000	0.500000	---	2436.975000	2469.625000

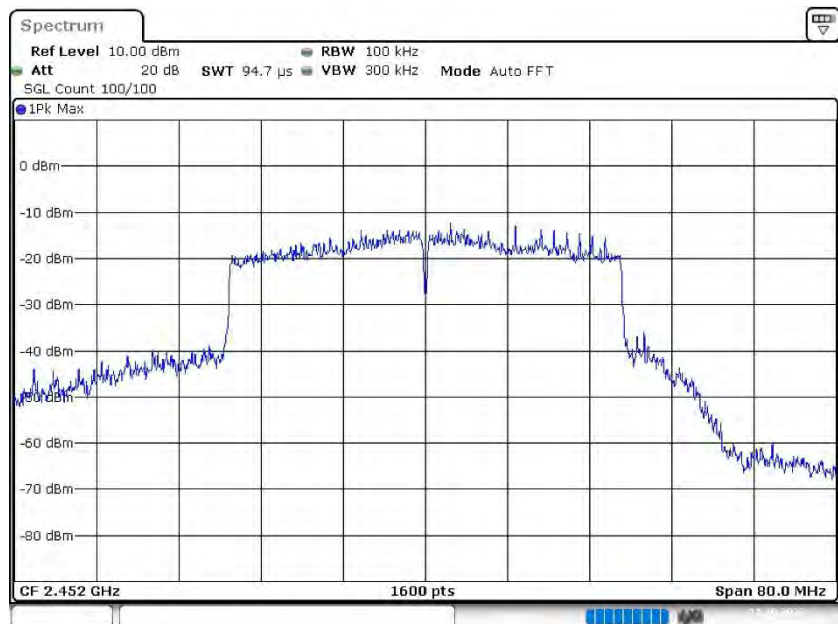
(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2452.000000	-0.5	PASS

6 dB Bandwidth



Bandwidth



Date: 11.OCT.2022 05:53:32

Occupied Channel Bandwidth 99% (2452 MHz; 24.000 dBm; 40 MHz)

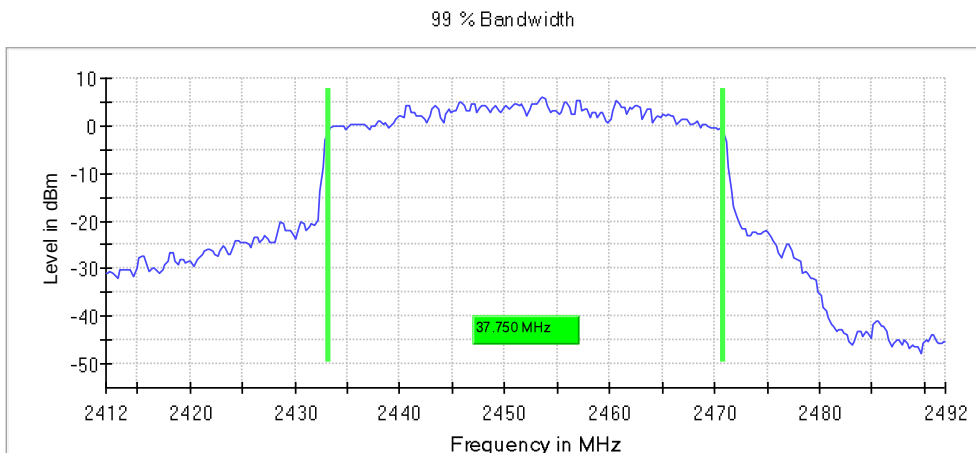
Customized settings.

99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2452.000000	37.750000	---	---	2433.125000	2470.875000

(continuation of the "99 % Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2452.000000	PASS



Bandwidth



Date: 11.OCT.2022 05:55:14

Tx Spurious Emission (2452 MHz; 24.000 dBm; 40 MHz)

Customized settings.

Result

DUT Frequency (MHz)	Result
2452.000000	PASS

Final measurements

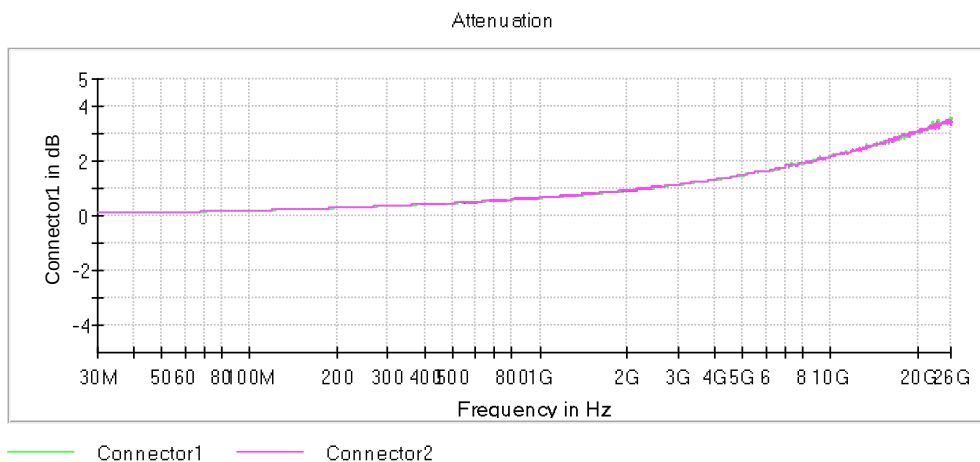
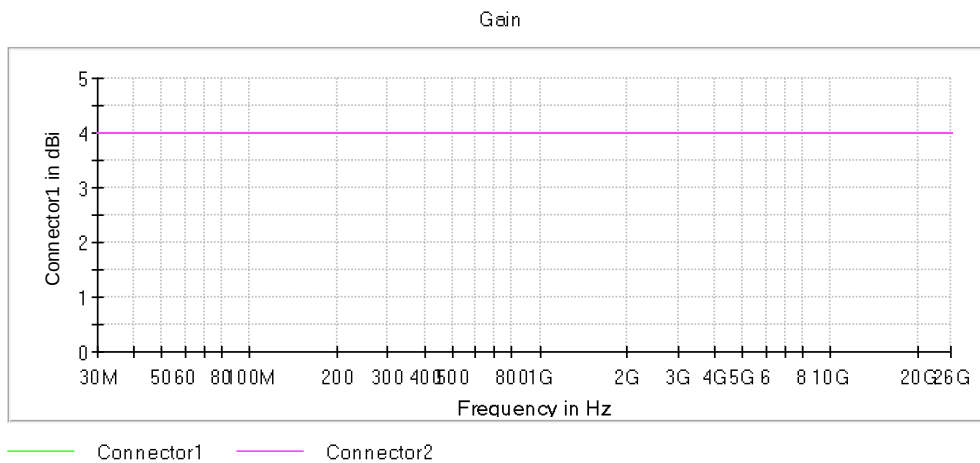
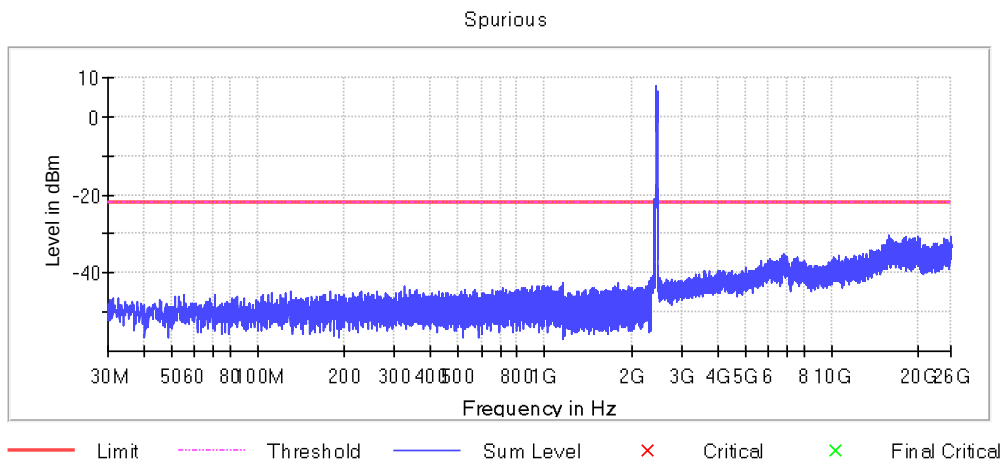
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
15910.634457	-30.3	8.2	-22.1
19890.677705	-30.5	8.4	-22.1
19906.844794	-30.6	8.5	-22.1
19896.556647	-30.6	8.5	-22.1
25881.318873	-30.6	8.6	-22.1
19907.579662	-30.8	8.8	-22.1
15891.527898	-30.9	8.8	-22.1
18233.551131	-30.9	8.8	-22.1
18526.028460	-30.9	8.8	-22.1
19867.896808	-30.9	8.8	-22.1
19919.337544	-30.9	8.8	-22.1
18216.649175	-30.9	8.9	-22.1
19897.291514	-30.9	8.9	-22.1
15874.625941	-31.0	8.9	-22.1
19550.433979	-31.0	8.9	-22.1

Measurement Settings

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	2350.000000	1	1
2350.000000	2483.500000	2	1
2483.500000	26000.000000	1	1



-- End of Test Report --