



427 West 12800 South
Draper, UT 84020

Test Report Certification

FCC ID	SWX-U6PROR
ISED ID	6545A-U6PROR
Equipment Under Test	U6-Pro
Test Report Serial Number	TR5784_01
Date of Test(s)	13, 14, 21, 27 January 2021; 2 February 2021
Report Issue Date	4 February 2021

Test Specification	Applicant
47 CFR FCC Part 15, Subpart E	Ubiquiti Inc. 685 Third Avenue New York, NY 10019 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 E. 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-Pro
FCC ID	SWX-U6PROR
	6545A-U6PROR

On this 4th day of February 2021, 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: Noah Vickers



Reviewed By: Alex Macon

Revision History		
Revision	Description	Date
01	Original Report Release	4 February 2021

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1 Client Information

1.1 Applicant

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

1.2 Manufacturer

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

2 Equipment Under Test (EUT)

2.1 Identification of EUT

Brand Name	Unifi
Model Number	U6-Pro
Serial Number	FCECDAFFA7DA
Dimensions (cm)	19.7 x 19.7 x 3.5

2.2 Description of EUT

The U6-Pro is a WiFi 6 access point with 5.3Gbps throughput and a 300+ client capacity. The U6-Pro provides reliable wireless coverage across device-dense environments. The U6-Pro is powered from a PoE 802.3at power adapter.

Band	Modulation Bandwidth	Frequency (MHz)
UNII-1	20 MHz	5180, 5200, 5220, 5240
	40 MHz	5190, 5230
	80 MHz	5210
UNII-3	20 MHz	5745, 5765, 5785, 5805, 5825
	40 MHz	5755, 5795
	80 MHz	5775

This report covers the circuitry of the device subject to FCC Part 15, Subpart E. 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 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-Pro (Note 1) SN: FCECDAFFA7DA	WiFi Access Point	See Section 2.4
BN: Ubiquiti MN: U-POE-at SN: N/A	PoE Power Adapter	Shielded or Un-Shielded Cat 5e cable (Note 2)
BN: Toshiba MN: Satellite SN: N/A	Laptop Personal 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
Ethernet/PoE	1	Shielded or Un-Shielded Cat 5e cable

2.5 Operating Environment

Power Supply	120 VAC
AC Mains Frequency	60 Hz
Temperature	21.8 – 22.9 °C
Humidity	13.65 – 25.06 %
Barometric Pressure	1015 mBar

2.6 Operating Modes

The U6-Pro was tested using test software in order to enable to constant transmission of over 98%
All emission modes of 802.11 a/n/ac/ax 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

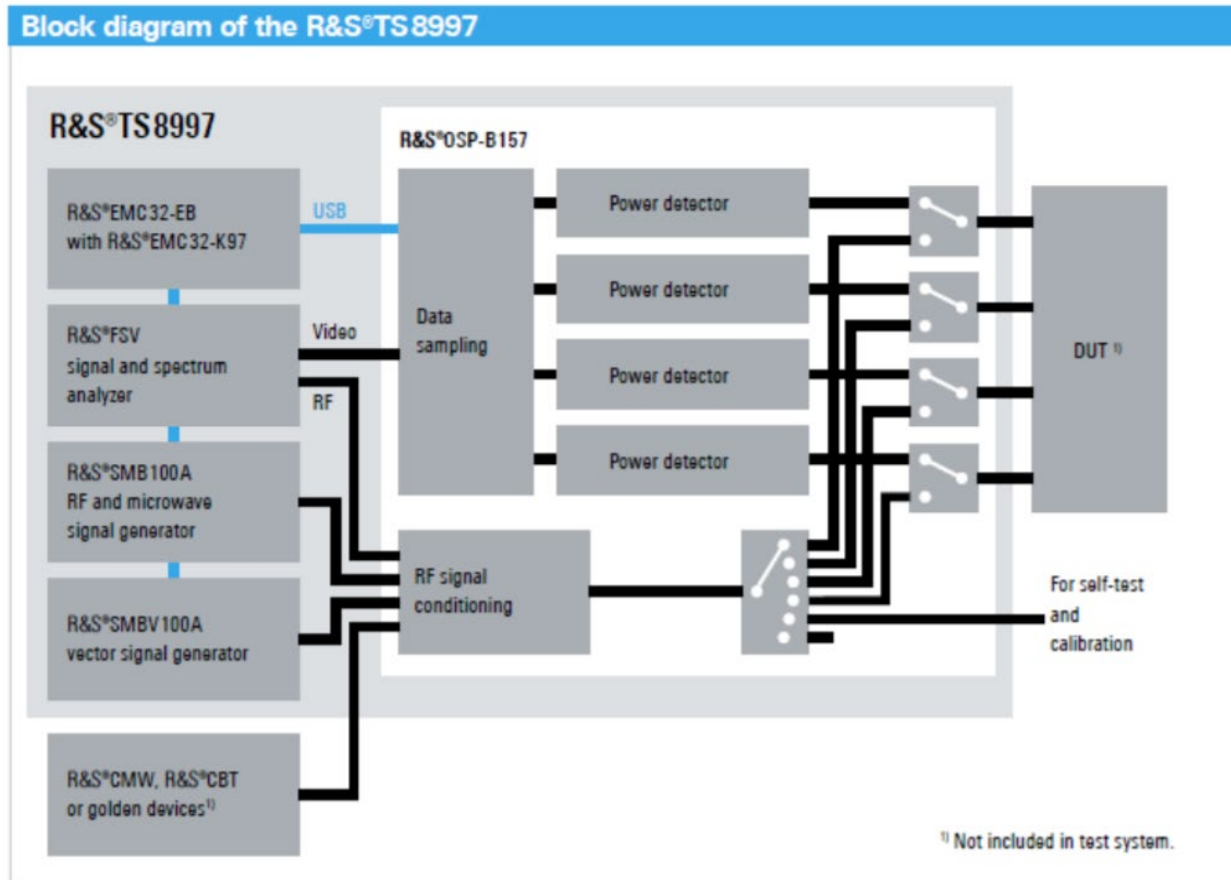


Diagram 1: Test Configuration Block Diagram

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 E, Section 15.407 Limits and methods of measurement of radio interference characteristics of Unlicensed National Information Infrastructure 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 15.407

See test standard for details.

3.3 FCC Part 15, Subpart E

3.3.1 Summary of Tests

FCC Section	ISED Section	Environmental Phenomena	Frequency Range (MHZ)	Result
15.407(a)	N/A	Antenna requirements	Structural Requirement	Compliant
15.407(b)	RSS-Gen	Conducted Disturbance at Mains Port	0.15 to 30	Compliant
15.407(c)	RSS-247 §6.2.2, §6.2.3	Bandwidth Requirement	5150 to 5250	Compliant
15.407(e)	RSS-247 §6.2.2, §6.2.3	Peak Output Power	5150 to 5250	Compliant
15.407(f)	RSS-247 §6.2.2, §6.2.3	Antenna Conducted Spurious Emissions	0.009 to 40000	Compliant
15.407(g)	RSS-247 §6.2.2, §6.2.3	Radiated Spurious Emissions	0.009 to 40000	Compliant
15.407(h)	RSS-247 §6.2.2, §6.2.3	Peak Power Spectral Density	5150 to 5250	Compliant
The testing was performed according to the procedures in ANSI C63.10-2013, KDB 789033 and 47 CFR Part 15.				

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 10-Meter chamber 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, effective until June 30, 2021. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED.

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
EMI Receiver	AFJ	FFT3010	UCL-2500	9/18/2020	9/18/2021
LISN	AFJ	LS16C/10	UCL-2512	5/26/2020	5/26/2021
Cat6 ISN	Teseq	ISN T8-Cat6	UCL-2971	5/18/2020	5/18/2021
ISN	Teseq	ISN T800	UCL-2974	6/1/2020	6/1/2021
LISN	Com-Power	LIN-120C	UCL-2612	5/19/2020	5/19/2021
AC Power Source	Laplace Instruments	AC1000A	UCL-2857	N/A	N/A
Test Software	UCL	Revision 1	UCL-3107	N/A	N/A

Table 1: List of equipment used for Conducted Emissions Testing at Mains Port

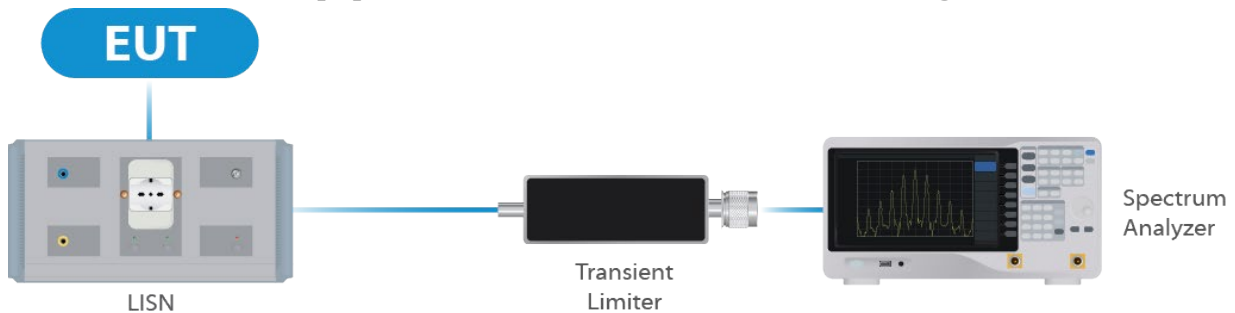


Figure 1: Conducted Emissions Test

4.2 Direct Connect at the Antenna Port Tests

Type of Equipment	Manufacturer	Model Number	Asset Number	Date of Last Calibration	Due Date of Calibration
Spectrum Analyzer	R&S	FSV40	UCL-2861	8/24/2020	8/24/2021
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	8/25/2020	8/25/2021
Switch Extension	R&S	OSP-150W	UCL-2870	8/21/2020	8/21/2021

Table 2: List of equipment used for Direct Connect at the Antenna Port

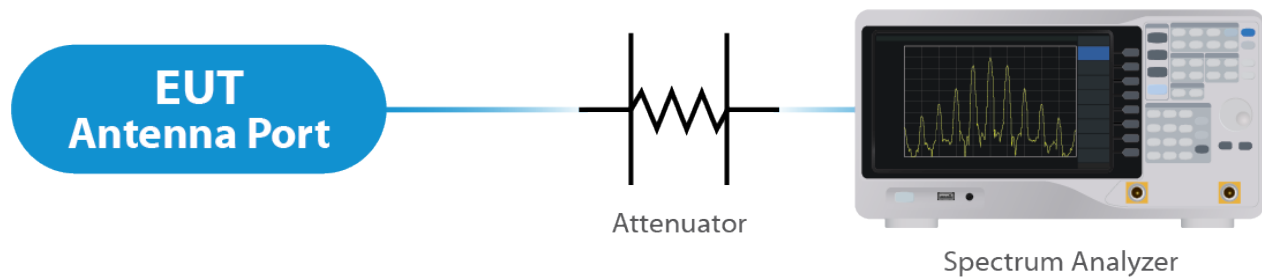


Figure 2: Direct Connect at the Antenna Port Test

4.3 Radiated Emissions

Type of Equipment	Manufacturer	Model Number	Asset Number	Date of Last Calibration	Due Date of Calibration
EMI Receiver	Keysight	N9038A	UCL-2778	6/1/2020	6/1/2021
Pre-Amplifier 9 kHz – 1 GHz	Sonoma Instruments	310N	UCL-2889	9/10/2020	9/10/2021
Double Ridge Horn Antenna	Scwarzbeck	BBHA 9120D	UCL-3065	7/8/2020	7/8/2021
Log Periodic	Scwarzbeck	STLP 9129	UCL-3068	5/20/2020	5/20/2021
15 - 40 GHz Horn Antenna	Scwarzbeck	BBHA 9170	UCL-2487	5/21/2020	5/21/2021
1 – 18 GHz Amplifier	Com-Power	PAM 118A	UCL-3833	9/29/2020	9/29/2021
Test Software	UCL	Revision 1	UCL-3108	N/A	N/A

Table 3:List of equipment used for Radiated Emissions

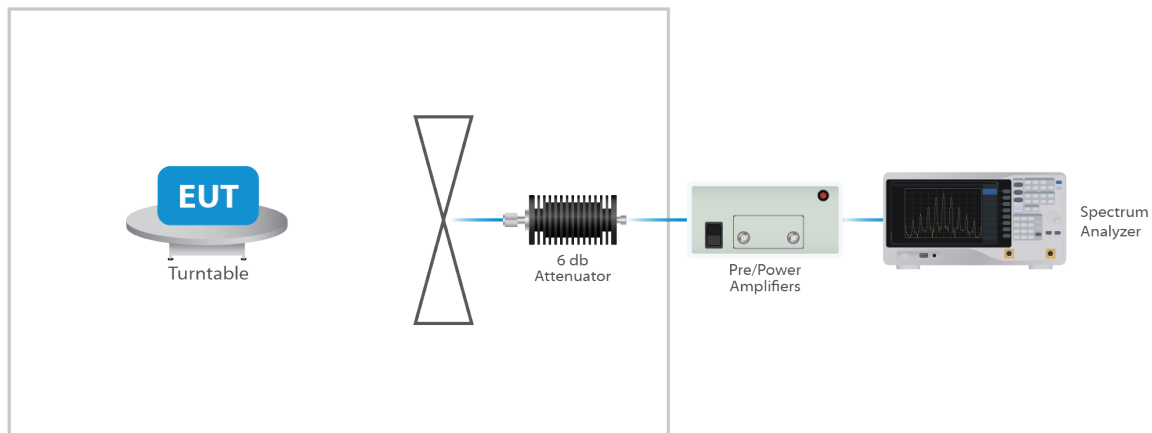


Figure 3: Radiated Emissions Test

4.4 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.

4.5 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

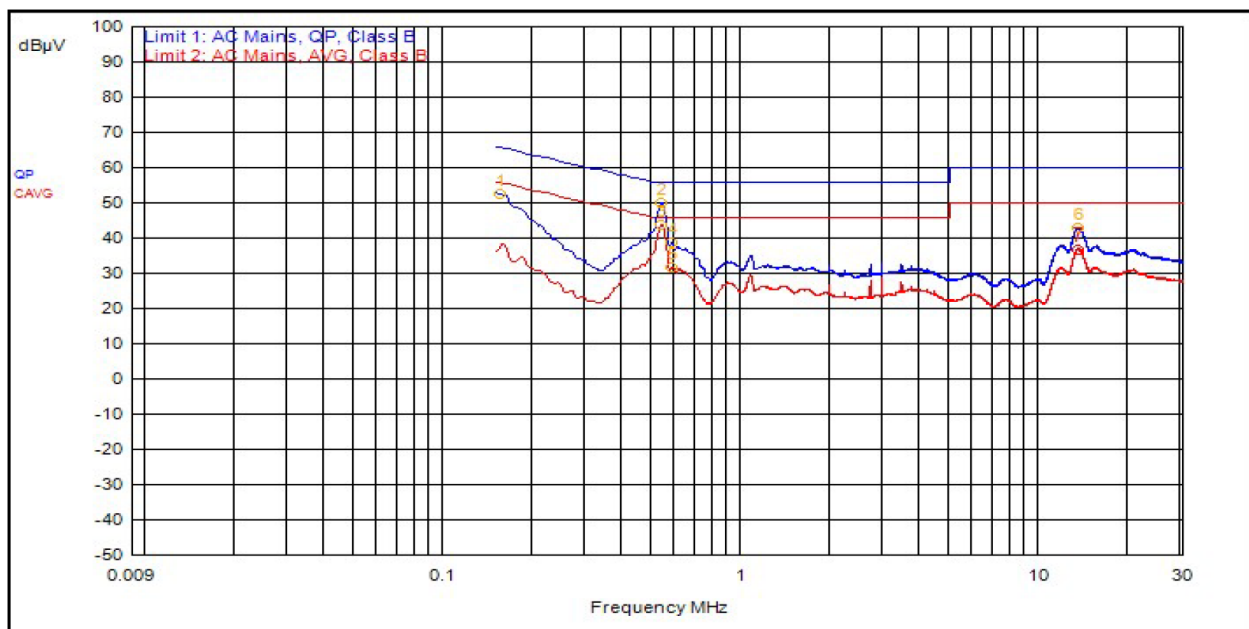
The EUT uses an integral antenna. The Maximum gain of the antenna is 6.0 dBi. The antenna is not user replaceable.

Results

The EUT complied with the specification

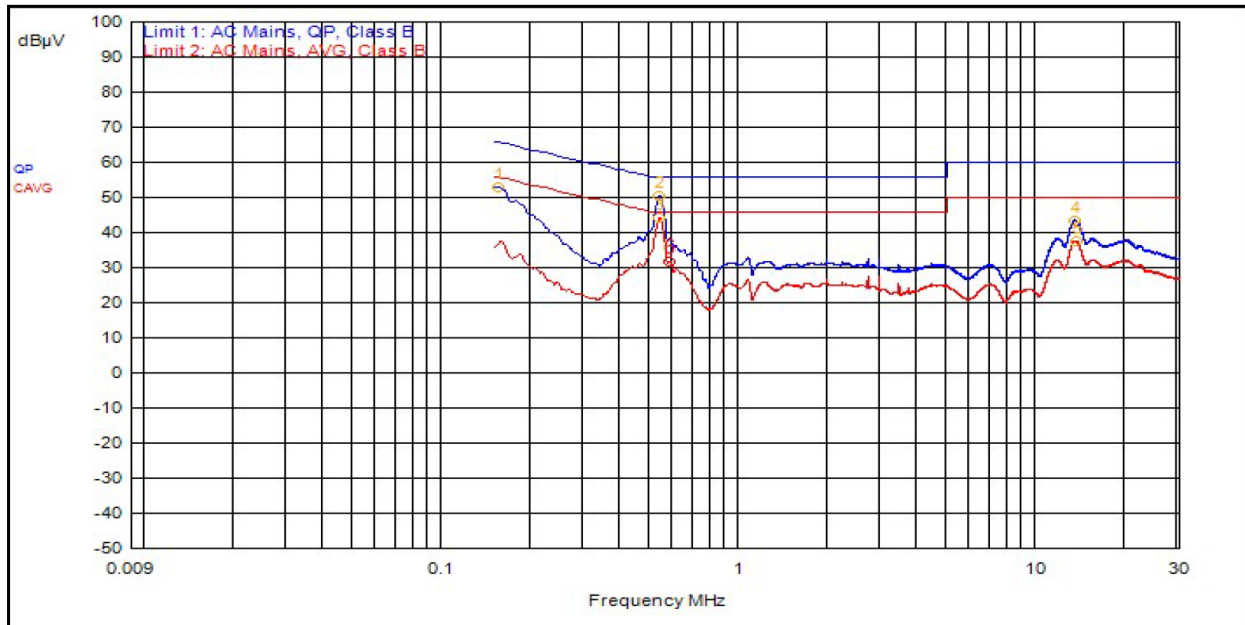
5.2 Conducted Emissions at Mains Ports Data

5.2.1 Line



ID	Frequency	Probe	Cable	Atten.	Detector	Meter Read	Meas Level	Limit	Limit Dist.
3	537.000kHz	12.4	0.0		C_AVG	31.2	43.7	46.0	-2.3
2	537.000kHz	12.4	0.0		QPeak	37.7	50.1	56.0	-5.9
1	153.000kHz	12.4	0.0		QPeak	40.3	52.6	65.8	-13.2
7	13.320MHz	12.4	0.2		C_AVG	24.1	36.8	50.0	-13.2
5	582.000kHz	12.4	0.0		C_AVG	19.4	31.8	46.0	-14.2
6	13.380MHz	12.4	0.2		QPeak	30.3	42.9	60.0	-17.1
4	579.000kHz	12.4	0.0		QPeak	26.4	38.8	56.0	-17.2

5.2.2 Neutral



ID	Frequency	Probe	Cable	Atten.	Detector	Meter Read	Meas Level	Limit	Limit Dist.
3	537.000kHz	12.4	0.0		C_AVG	31.9	44.3	46.0	-1.7
2	537.000kHz	12.4	0.0		QPeak	38.1	50.6	56.0	-5.4
5	13.440MHz	12.4	0.2		C_AVG	25.0	37.7	50.0	-12.3
1	153.000kHz	12.4	0.0		QPeak	40.7	53.1	65.8	-12.7
6	579.000kHz	12.4	0.0		C_AVG	19.4	31.8	46.0	-14.2
4	13.380MHz	12.4	0.2		QPeak	30.8	43.4	60.0	-16.6

Result

The EUT complied with the specification limit.

5.3 §15.403(i) 26 dB Emissions Bandwidth

Nominal BW (MHz)	Frequency (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)
20	5180	19.1	21.4
20	5210	19.3	24.8
20	5240	20.2	41.9
40	5190	37.8	39.9
40	5230	37.8	39.9
80	5210	77.0	83.0

Result

The bandwidths are reported for information purposes. Please see Annex for all bandwidth measurements.

5.4 §15.403(a)(1) Maximum Average Output Power

The maximum average RF conducted output power measured for this device was 26.5 dBm or 446.7 mW. The limit is 30 dBm, or 1 Watt when using antennas with 6 dBi or less gain. The antenna has a gain of 6.0 dBi.

Modulation (BW)	Frequency (MHz)	Data Rate	TP Setting	Conducted Output Power	Measured PSD
OFDM 20	5180	Mcs0	17	21.2	7.4
OFDM 20	5210	Mcs0	21	25	11.3
OFDM 20	5240	Mcs0	22.5	26.5	12.6
HT 20	5180	Mcs0	16.5	20.6	5.9
HT 20	5210	Mcs0	21.5	25.5	10.9
HT 20	5240	Mcs0	22.5	26.5	11.8
HT 40	5190	Mcs0	12.5	16.9	-0.8
HT 40	5230	Mcs0	18.5	22.9	5.1
VHT 20	5180	Mcs0	16.5	20.5	5.8
VHT 20	5210	Mcs0	21.5	25.5	10.9
VHT 20	5240	Mcs0	22.5	26.5	11.8
VHT 40	5190	Mcs0	12	16.4	1.2
VHT 40	5230	Mcs0	18.5	22.8	5.2
VHT 80	5210	Mcs0	12	16.2	-4.3
HE 20	5180	Mcs0	15.5	20	5.1
HE 20	5210	Mcs0	20.5	24.8	10
HE 20	5240	Mcs0	22	26.3	11.4
HE 40	5190	Mcs0	12	16.6	-1.3
HE 40	5230	Mcs0	18	22.4	4.6
HE 80	5210	Mcs0	11.5	16.0	-4.6

Result

In the configuration tested, the maximum average RF outpower was less than 1 watt; therefore, the EUT complied with the requirements of the specification (see spectrum analyzer plots in attached Annex).

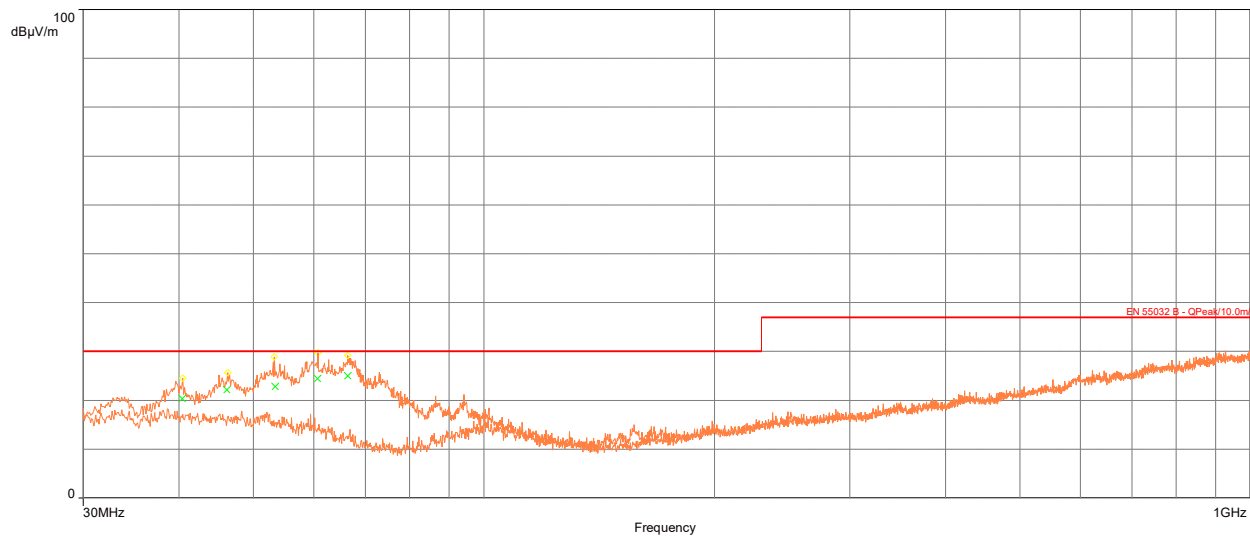
5.5 §15.407(b) Spurious Emissions

5.5.1 Radiated Spurious Emissions in the Restricted Bands of § 15.205

The EUT uses various power settings based on the channel in use. In order to reduce test time, the radiated spurious emissions at the lowest, middle, and highest channel were measured at the maximum power of TP 22.5, as this setting was found to be worst case for spurious emissions. Power was subsequently reduced during in-band and band edge testing. The band edge at the restricted band ending at 5150 MHz was measured using radiated measurement. All emissions modes were tested and the worst-case measurements are shown below. For frequencies above 1 GHz, a measurement distance of 3 meters was used. For frequencies below 1 GHz, a measurement distance of 10 meters was used. When performing measurements at a distance other than that specified, the results have been extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements) e.g. $20\log(3\text{m}/10\text{m}) = -10.45$

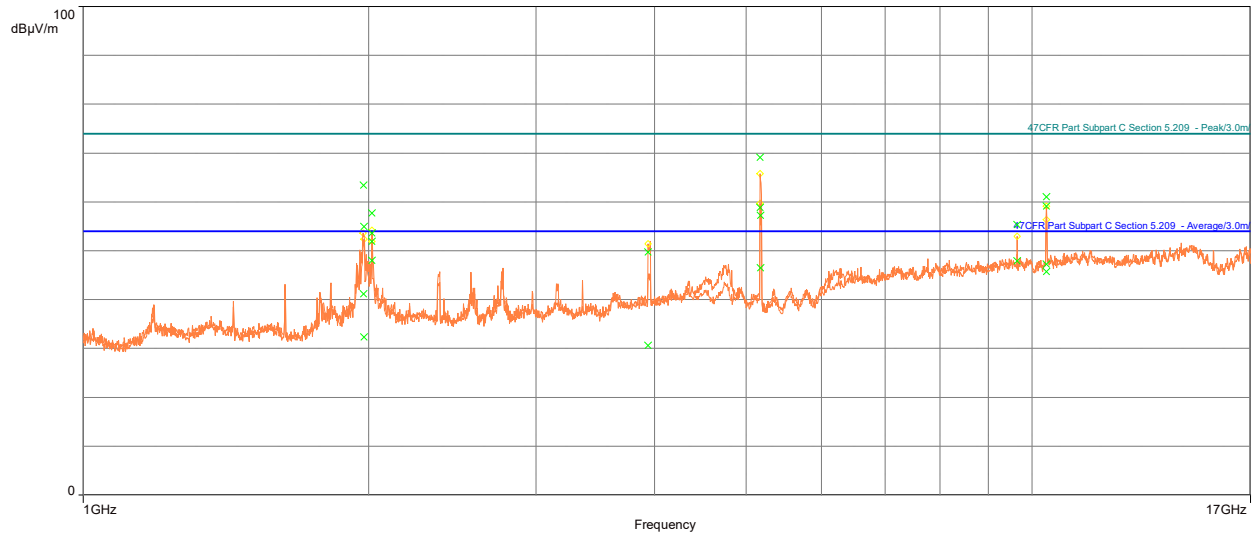
Result

All emissions in the restricted bands of § 15.205 met the limits specified in § 15.209; therefore, the EUT complies with the specification. All emissions met the limits specified in 15.407(b). Representative band edge plots are included in this report.



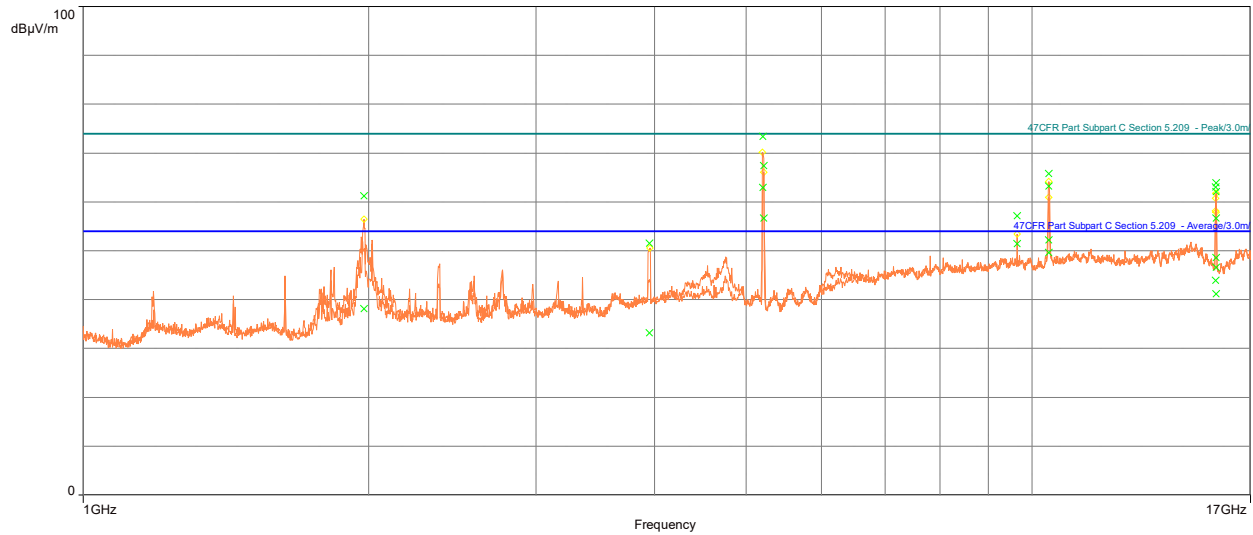
Frequency (MHz)	Det.	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarization	Correction (dB)
40.37	QP	20.39	30.00	-9.61	338.00	2.10	Vertical	-11.27
46.198	QP	22.18	30.00	-7.82	154.00	2.53	Vertical	-11.23
53.368	QP	22.81	30.00	-7.19	307.00	2.22	Vertical	-12.10
60.662	QP	24.45	30.00	-5.55	351.00	3.87	Vertical	-14.15
66.367	QP	25.01	30.00	-4.99	346.00	3.81	Vertical	-15.87

Table 4: 30 to 1000 MHz



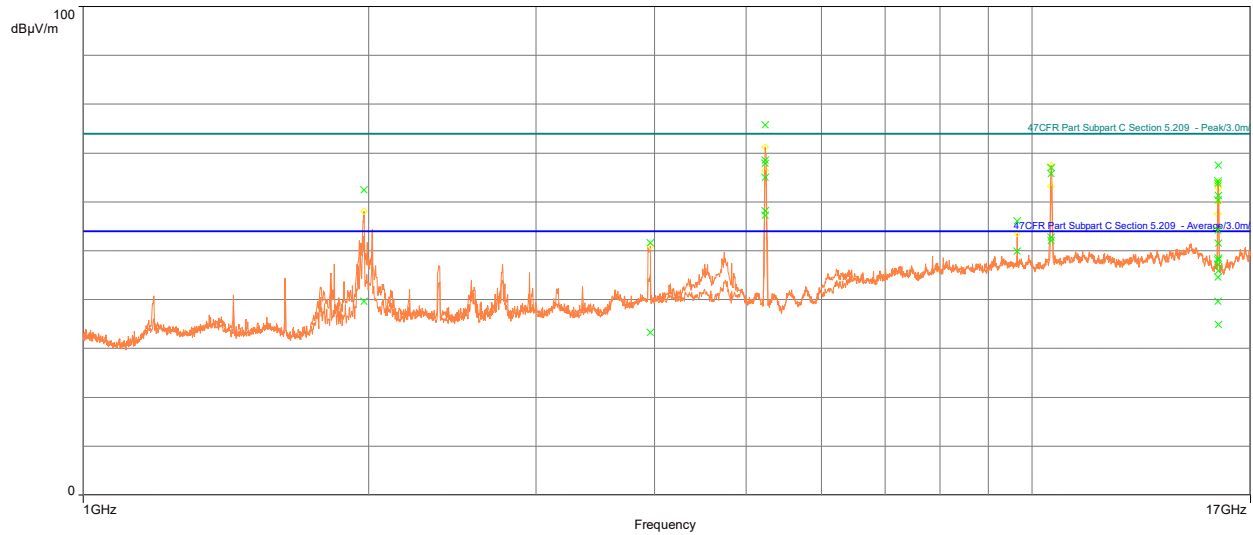
Frequency (MHz)	Det.	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarization	Correction (dB)
1973.6	A	41.16	54.00	-12.84	162.00	3.46	Vertical	-9.67
2016.1	A	51.89	54.00	-2.11	171.00	3.21	Vertical	-9.41
3939.8	A	30.61	54.00	-23.39	95.00	3.58	Vertical	-1.82
9647.9	A	47.95	54.00	-6.05	108.00	3.58	Vertical	9.24
10357	A	45.74	54.00	-8.26	237.00	2.39	Vertical	9.67
1977.1	A	32.36	54.00	-21.64	111.00	2.70	Horizontal	-9.63
2016.1	A	48.03	54.00	-5.97	34.00	1.80	Horizontal	-9.41
10360	A	47.23	54.00	-6.77	166.00	3.73	Horizontal	9.68
1973.6	P	63.37	74.00	-10.63	162.00	3.46	Vertical	-9.67
2016.1	P	57.72	74.00	-16.28	171.00	3.21	Vertical	-9.41
3939.8	P	49.70	74.00	-24.30	95.00	3.58	Vertical	-1.82
9647.9	P	55.31	74.00	-18.69	108.00	3.58	Vertical	9.24
10357	P	61.00	74.00	-13.00	237.00	2.39	Vertical	9.67
1977.1	P	54.95	74.00	-19.05	111.00	2.70	Horizontal	-9.63
2016.1	P	53.65	74.00	-20.35	34.00	1.80	Horizontal	-9.41
10360	P	59.15	74.00	-14.85	166.00	3.73	Horizontal	9.68

Table 5: 1 to 17 GHz Transmitting on the Lowest Frequency 5180 MHz



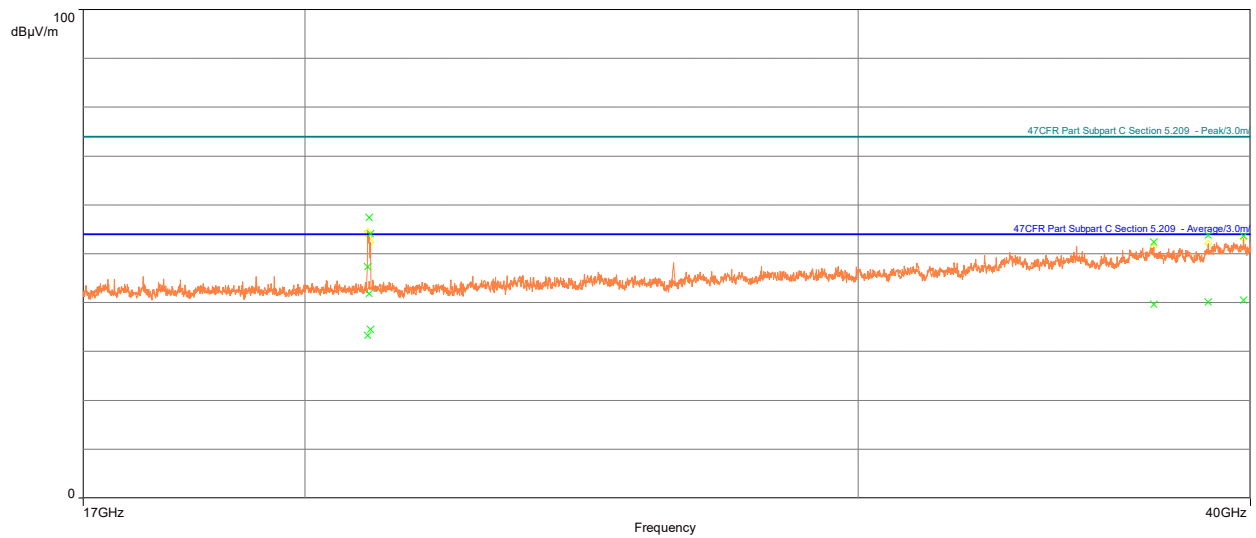
Frequency (MHz)	Det.	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarization	Correction (dB)
1977.3	A	38.16	54.00	-15.84	136.00	4.00	Vertical	-9.62
3954.3	A	33.16	54.00	-20.84	94.00	3.11	Vertical	-1.93
9648.1	A	51.44	54.00	-2.56	177.00	2.27	Vertical	9.24
10421	A	52.17	54.00	-1.83	231.00	3.11	Vertical	9.65
15630	A	48.59	54.00	-5.41	95.00	3.34	Vertical	11.10
15638	A	46.63	54.00	-7.37	146.00	3.23	Vertical	11.14
10422	A	49.63	54.00	-4.37	163.00	3.81	Horizontal	9.66
15616	A	43.93	54.00	-10.07	122.00	3.15	Horizontal	11.10
15638	A	41.13	54.00	-12.87	124.00	3.57	Horizontal	11.14
1977.3	P	61.20	74.00	-12.80	136.00	4.00	Vertical	-9.62
3954.3	P	51.51	74.00	-22.49	94.00	3.11	Vertical	-1.93
9648.1	P	57.17	74.00	-16.83	177.00	2.27	Vertical	9.24
10421	P	65.75	74.00	-8.25	231.00	3.11	Vertical	9.65
15630	P	63.88	74.00	-10.12	95.00	3.34	Vertical	11.10
15638	P	62.10	74.00	-11.90	146.00	3.23	Vertical	11.14
10422	P	63.18	74.00	-10.82	163.00	3.81	Horizontal	9.66
15616	P	63.04	74.00	-10.96	122.00	3.15	Horizontal	11.10
15638	P	56.64	74.00	-17.36	124.00	3.57	Horizontal	11.14

Table 6: 1 to 17 GHz Transmitting on the Middle Frequency 5210 MHz



Frequency (MHz)	Det.	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarization	Correction (dB)
1977	A	39.60	54.00	-14.40	160.00	3.46	Vertical	-9.63
3959.5	A	33.32	54.00	-20.68	94.00	3.20	Vertical	-1.95
9647.7	A	49.93	54.00	-4.07	176.00	2.48	Vertical	9.24
10474	A	52.78	54.00	-1.22	156.00	3.93	Vertical	10.33
15706	A	47.13	54.00	-6.87	180.00	2.47	Vertical	11.08
15707	A	48.08	54.00	-5.92	207.00	3.59	Vertical	11.09
15727	A	51.54	54.00	-2.46	164.00	3.47	Vertical	11.20
10480	A	52.10	54.00	-1.90	161.00	3.82	Horizontal	10.34
15708	A	44.58	54.00	-9.42	129.00	2.75	Horizontal	11.11
15730	A	45.91	54.00	-8.09	125.00	2.75	Horizontal	11.19
1977	P	62.47	74.00	-11.53	160.00	3.46	Vertical	-9.63
3959.5	P	51.65	74.00	-22.35	94.00	3.20	Vertical	-1.95
9647.7	P	56.10	74.00	-17.90	176.00	2.48	Vertical	9.24
10474	P	66.98	74.00	-7.02	156.00	3.93	Vertical	10.33
15706	P	63.77	74.00	-10.23	180.00	2.47	Vertical	11.08
15707	P	64.28	74.00	-9.72	207.00	3.59	Vertical	11.09
15726	P	48.50	74.00	-25.50	155.00	2.11	Vertical	11.20
15727	P	67.50	74.00	-6.50	164.00	3.47	Vertical	11.20
10480	P	65.83	74.00	-8.17	161.00	3.82	Horizontal	10.34
15708	P	60.38	74.00	-13.62	129.00	2.75	Horizontal	11.11
15730	P	61.32	74.00	-12.68	125.00	2.75	Horizontal	11.19

Table 7: 1 to 17 GHz Transmitting on the Highest Frequency 5240 MHz



Frequency (MHz)	Det.	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Azimuth (°)	Pol.	Correction (dB)
20945	A	33.30	54.00	-20.70	252.00	Vertical	-5.71
20966	A	41.88	54.00	-12.12	294.00	Vertical	-5.57
20987	A	34.48	54.00	-19.52	293.00	Vertical	-5.39
38775	A	40.15	54.00	-13.85	195.00	Vertical	1.88
37257	A	39.62	54.00	-14.38	34.00	Horizontal	1.66
39797	A	40.50	54.00	-13.50	111.00	Horizontal	3.28
20945	P	47.33	74.00	-26.67	252.00	Vertical	-5.71
20966	P	57.42	74.00	-16.58	294.00	Vertical	-5.57
20987	P	54.13	74.00	-19.87	293.00	Vertical	-5.39
38775	P	53.81	74.00	-20.19	195.00	Vertical	1.88
37257	P	52.39	74.00	-21.61	34.00	Horizontal	1.66
39797	P	53.66	74.00	-20.34	111.00	Horizontal	3.28

Table 8: 17 to 40 GHz Transmitting on the Highest Frequency 5240 MHz (worst case)

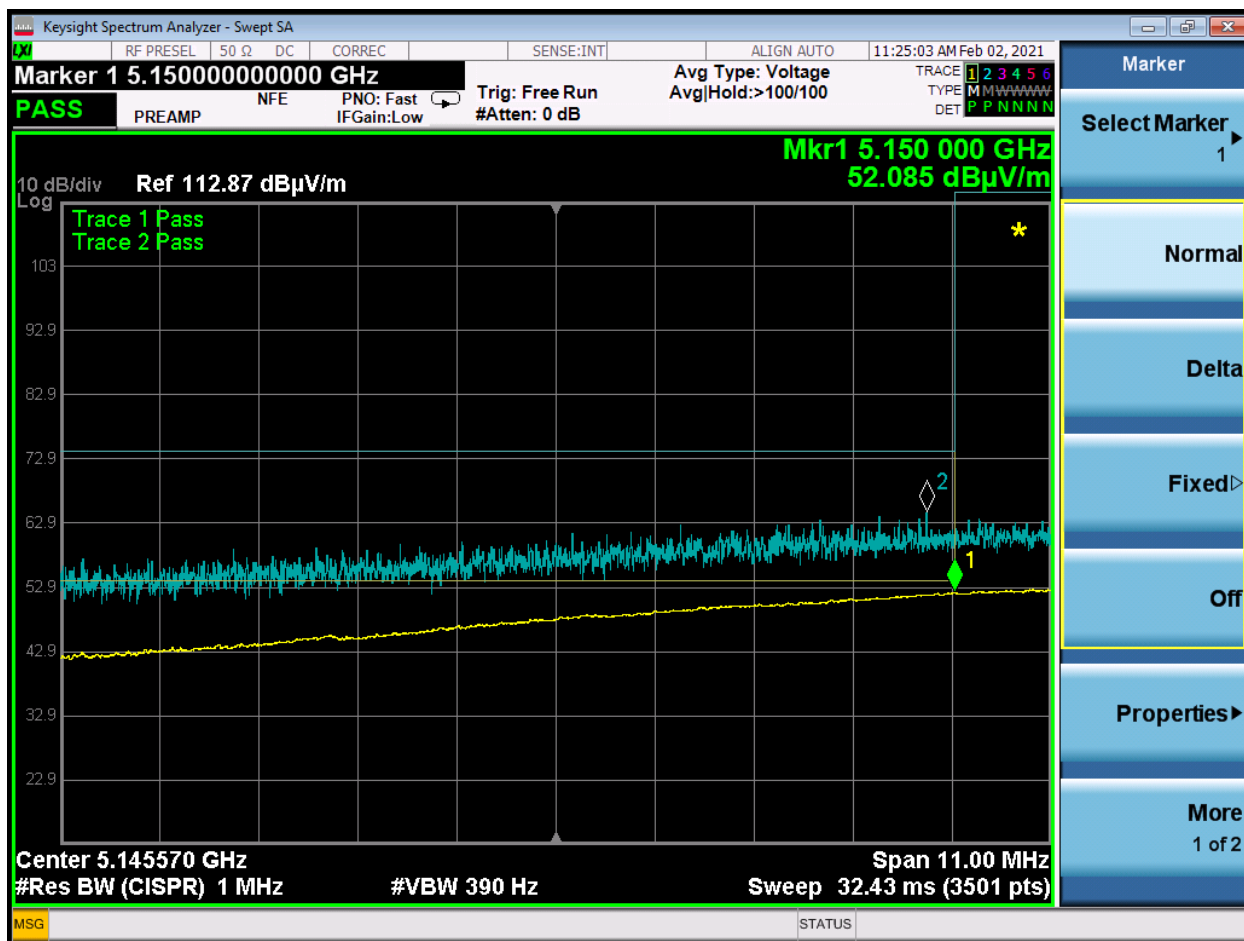


Figure 4: 20 MHz 5180 MHz Band Edge

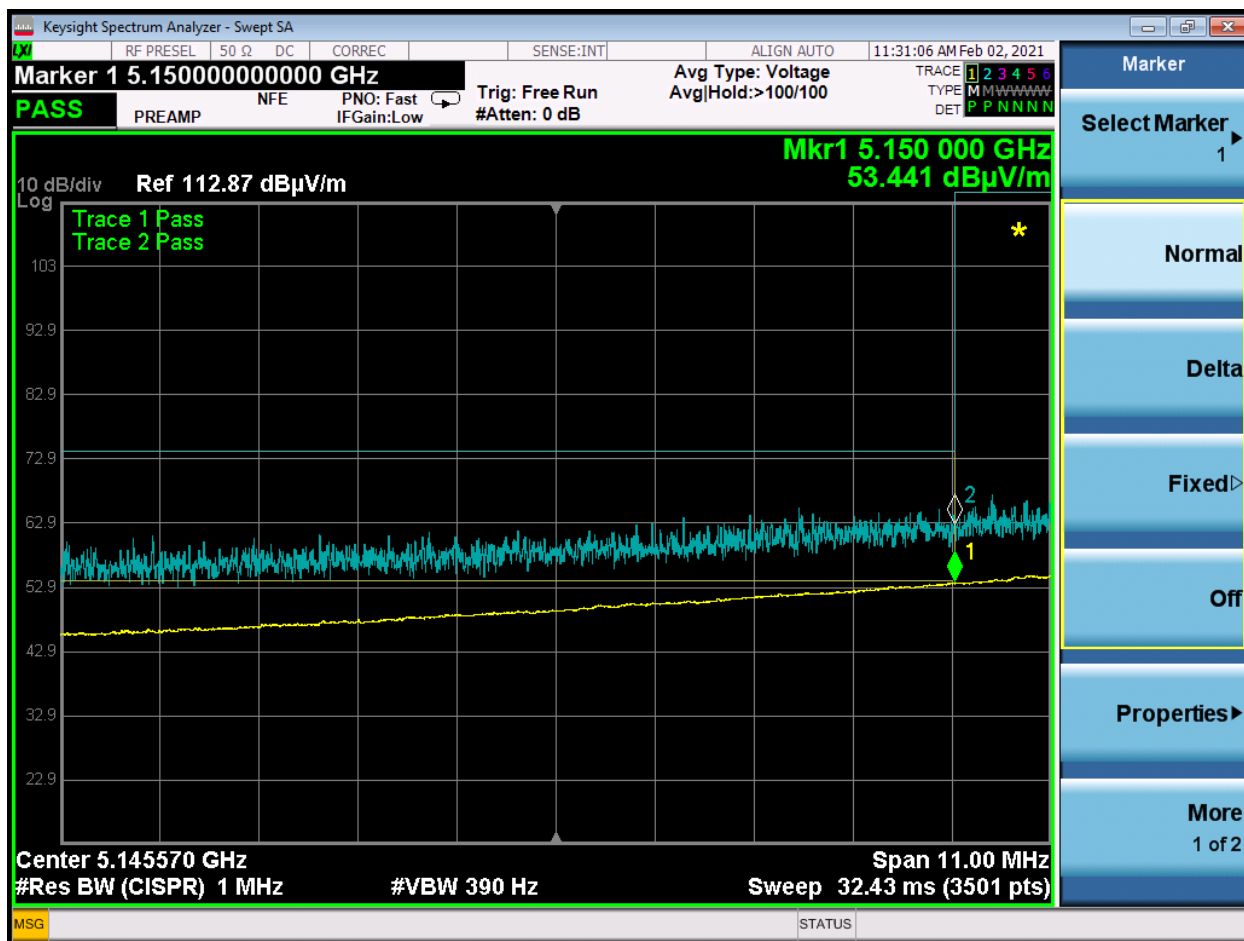


Figure 5: 20 MHz 5200 MHz Band Edge

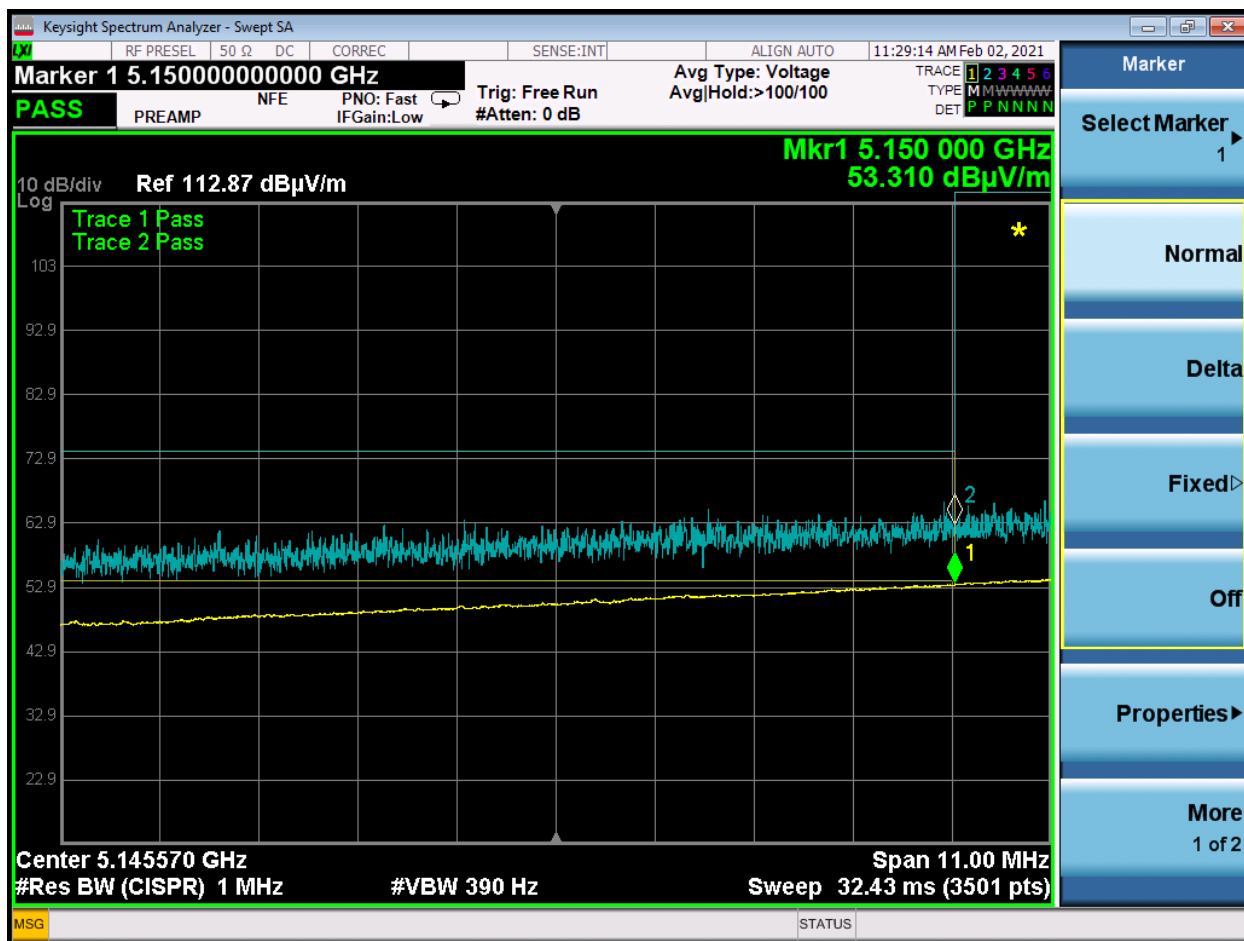


Figure 6: 20 MHz 5210 MHz Band Edge

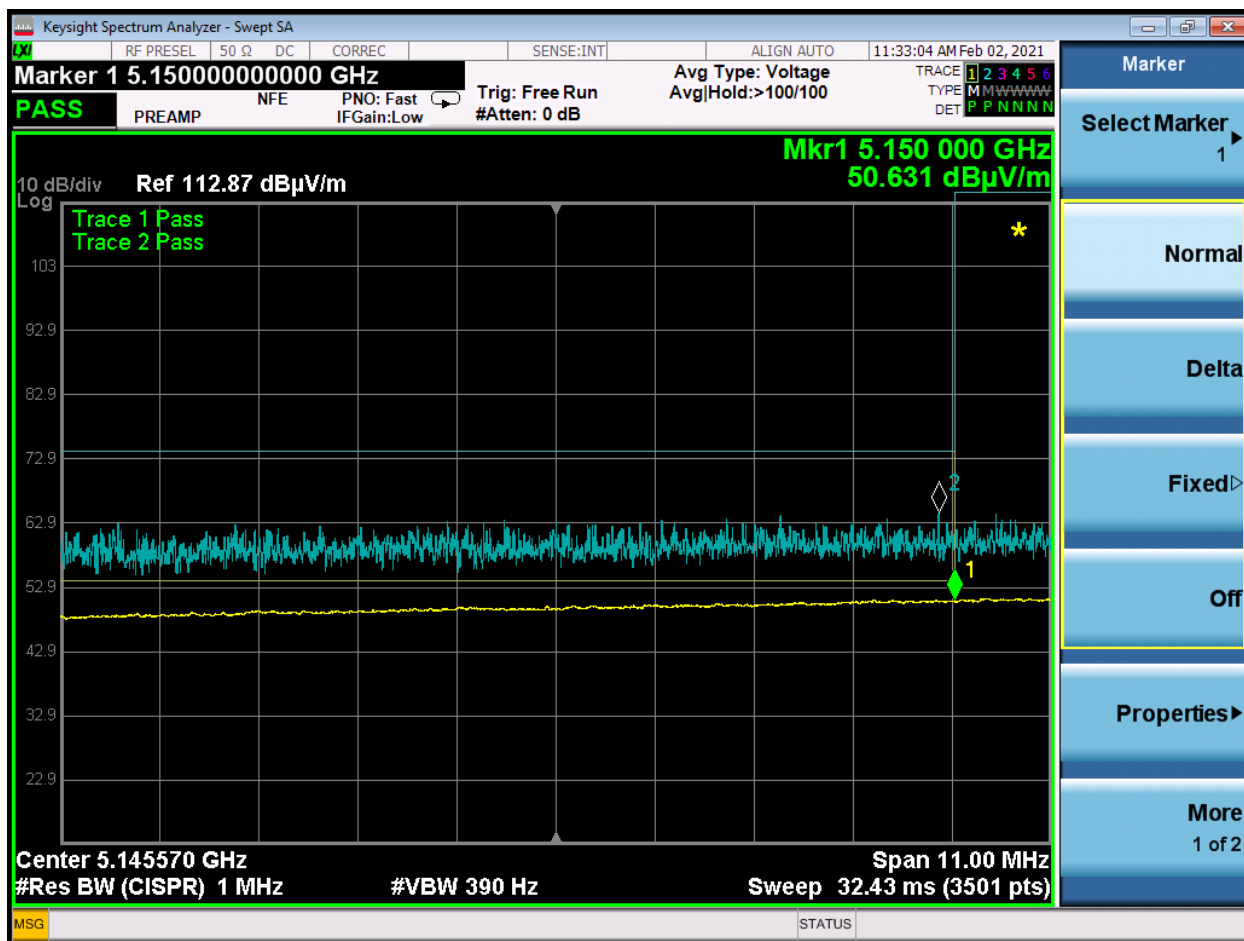


Figure 7: 20 MHz 5240 MHz Band Edge

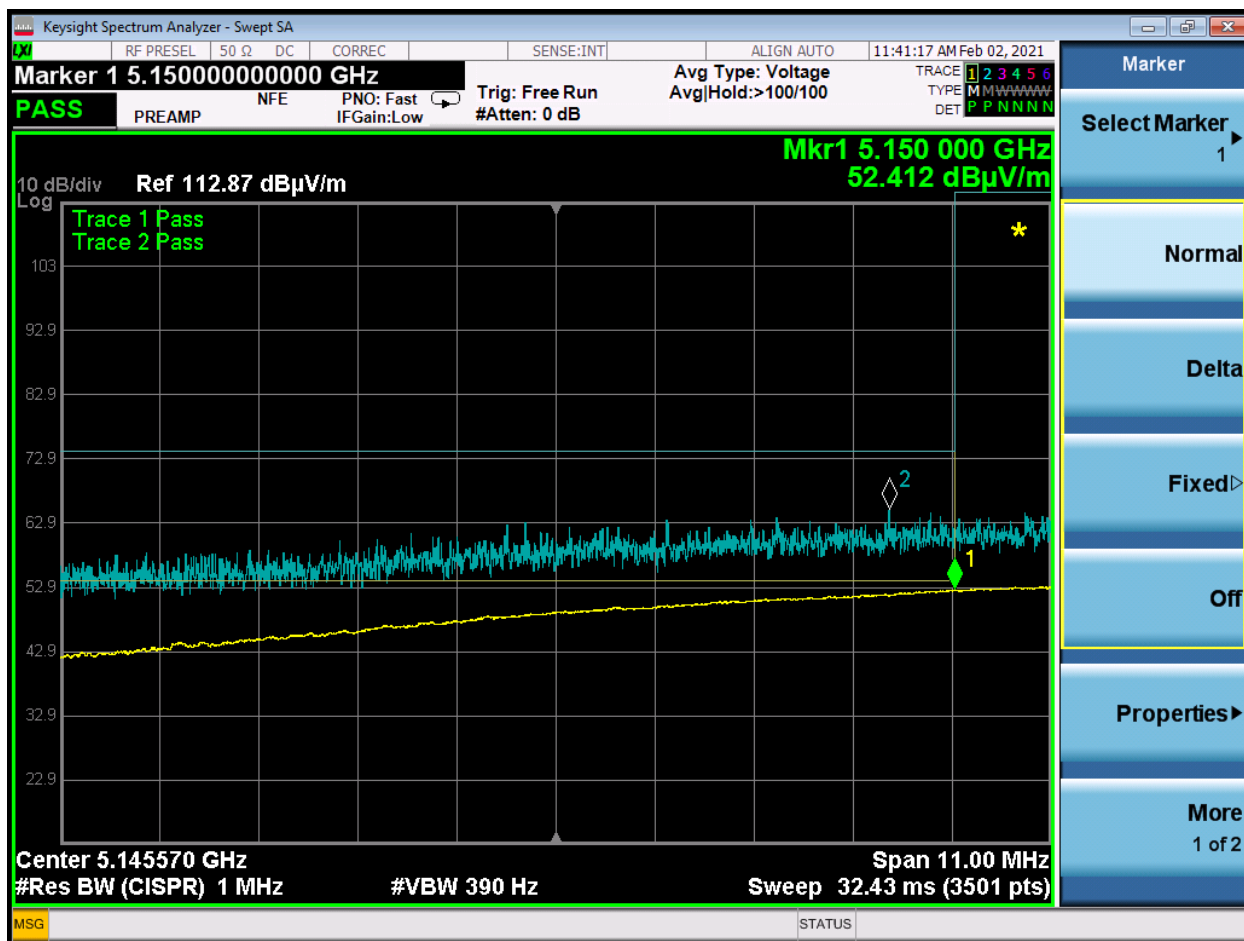


Figure 8: 40 MHz 5190 MHz Band Edge

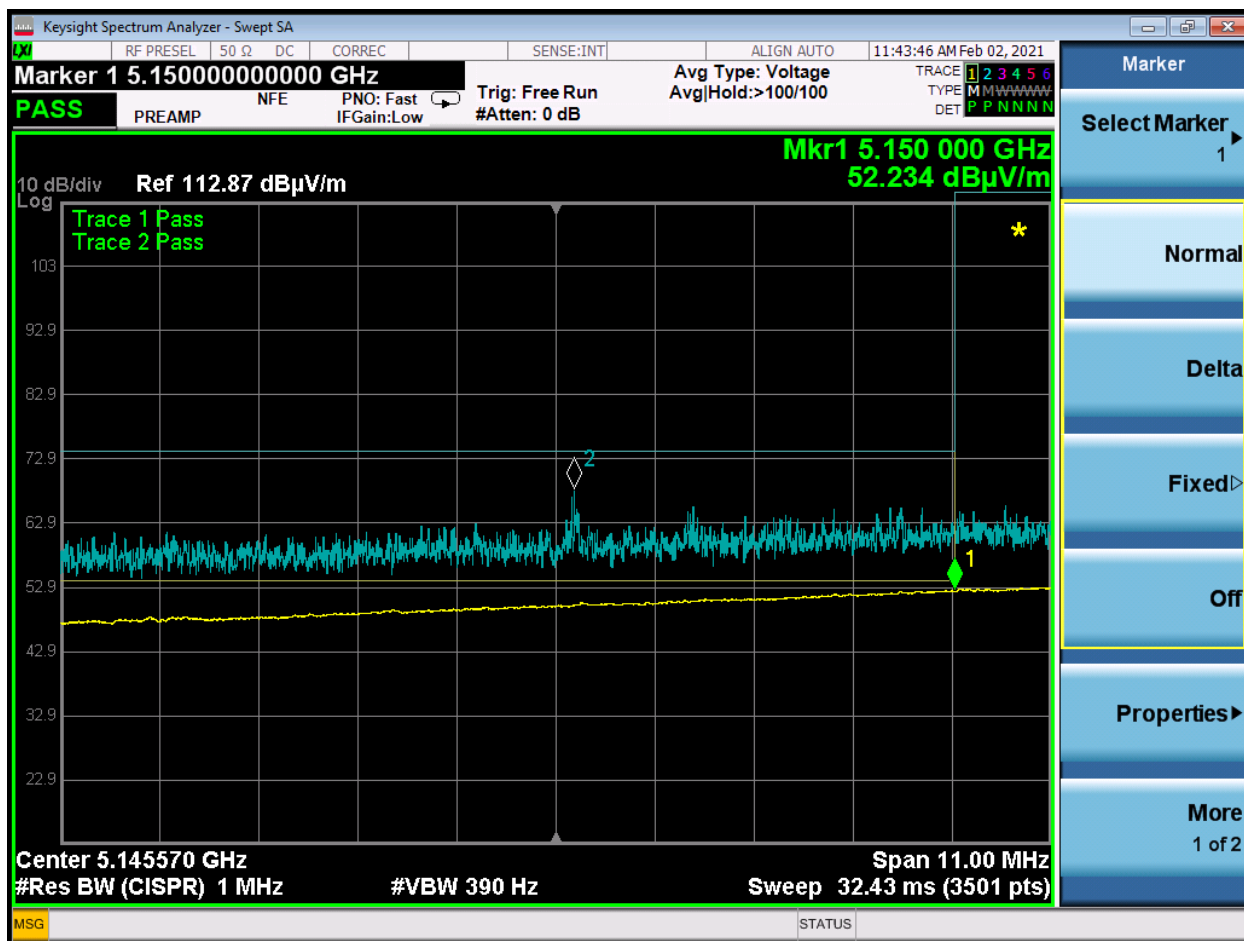


Figure 9: 40MHz 5230 MHz Band Edge

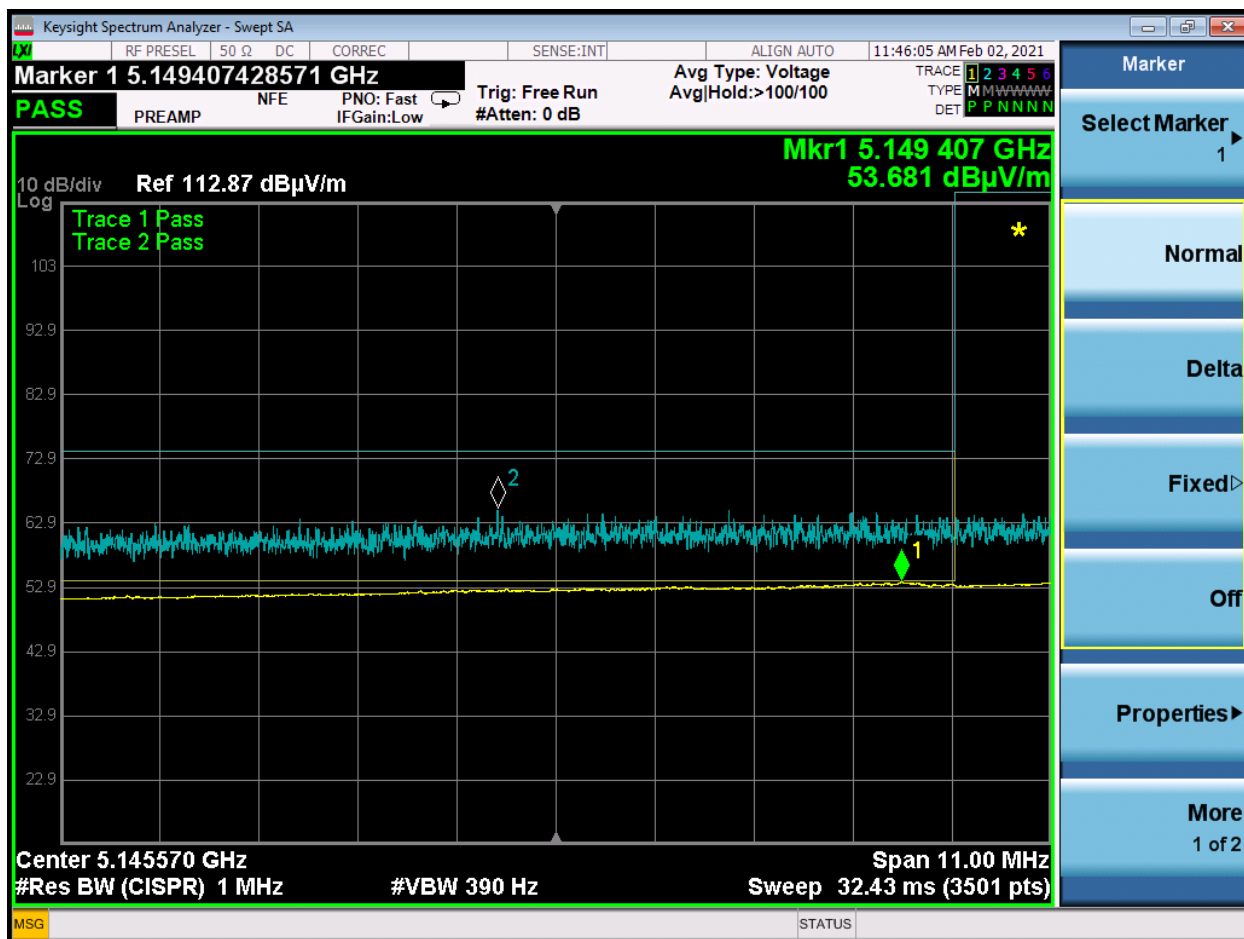


Figure 10: 80 MHz 5210 MHz Band Edge

5.6 §15.407(a) Maximum Power Spectral Density

The maximum average power spectral density conducted from the intentional radiator of the antenna shall not be greater than 17 dBm in any 1 MHz band during any time interval of continuous transmission. Results of this testing are summarized.

Modulation (BW)	Frequency (MHz)	Data Rate	TP Setting	Measured PSD
OFDM 20	5180	Mcs0	17	7.4
OFDM 20	5210	Mcs0	21	11.3
OFDM 20	5240	Mcs0	22.5	12.6
HT 20	5180	Mcs0	16.5	5.9
HT 20	5210	Mcs0	21.5	10.9
HT 20	5240	Mcs0	22.5	11.8
HT 40	5190	Mcs0	12.5	-0.8
HT 40	5230	Mcs0	18.5	5.1
VHT 20	5180	Mcs0	16.5	5.8
VHT 20	5210	Mcs0	21.5	10.9
VHT 20	5240	Mcs0	22.5	11.8
VHT 40	5190	Mcs0	12	1.2
VHT 40	5230	Mcs0	18.5	5.2
VHT 80	5210	Mcs0	12	-4.3
HE 20	5180	Mcs0	15.5	5.1
HE 20	5210	Mcs0	20.5	10
HE 20	5240	Mcs0	22	11.4
HE 40	5190	Mcs0	12	-1.3
HE 40	5230	Mcs0	18	4.6
HE 80	5210	Mcs0	11.5	-4.6

Result

The maximum average power spectral density was less than the limit of 17dBm; therefore, the EUT complies with the specification.

-- End of Test Report --