

July 10, 2026

Zoox Inc.
Justin Chua
1149 Chess Drive
Foster City, CA 94404

Dear Justin Chua,

Enclosed is the Electromagnetic Compatibility for the Zoox Inc., Rovebot Remote Controller (RRC), tested to the requirements of:

- FCC 47 CFR§15.407(b)
- FCC CFR §15.205, §15.209, §15.35
- KDB 996369 D04 Module Integration Guide v02

Thank you for using the services of Eurofins E&E Testing NA, LLC. Please contact me if you have any questions regarding these results or if Eurofins E&E can be of further service to you.

Sincerely,

Rheine Nguyen

Documentation Department
Eurofins E&E Testing NA, LLC

Reference: WIRS142353-FCC 15.407_C2PC



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Report Status Sheet

Revision	Report Date	Reason for Revision
Ø	July 10, 2026	Initial Issue.

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1.0 Testing Summary

The Zoox Inc., Rovebot Remote Controller (RRC) was found to be compliant to the following specification(s).

- FCC 47 CFR §15.407(b)
- FCC CFR §15.205, §15.209, §15.35
- KDB 996369 D04 Module Integration Guide v02



Chin Ming Lui
Senior Wireless Test Engineer

Engineering Statement: The measurements shown in this report were made in accordance with the procedures indicated. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements.

Summary of Tests

Test Item	FCC Part	Result
Maximum Conducted Output Power	§15.407(a)	Complies
Transmitter Radiated Emissions	§15.407(b), §15.209, §15.205	Complies

2.0 Overview

Eurofins E&E Testing NA, LLC was contracted by Zoox Inc. to perform testing on the Rovebot Remote Controller (RRC), under purchase order number 4300061946.

This document is issued as a Class II Permissive Change (C2PC) report, and describes the test setups, test methods, required test equipment, and the test limit criteria used to perform compliance testing of Zoox Inc., Rovebot Remote Controller (RRC).

The results obtained relate only to the item(s) tested.

Model(s) Tested:	Rovebot Remote Controller (RRC)
-------------------------	---------------------------------

2.1 Test Site

All testing was performed at Eurofins E&E Testing NA, LLC, 3162 Belick St. Santa Clara, CA 95054. All equipment used in making physical determinations is accurate and bears recent traceability to the National Institute of Standards and Technology. Eurofins E&E Testing NA, LLC has been accredited by the American Association for Laboratory Accreditation (A2LA) (Certificate #: 0591.02) in accordance with ISO/IEC 17025:2017.

2.2 Equipment Overview and Test Configuration

Name of EUT/Model:	Rovebot Remote Controller
Additional Models Covered, but not tested:	N/A
Description of EUT and Intended Use:	The Rovebot Remote Controller (RRC) is a proprietary technology developed by Zoox to facilitate a seamless and manual method of controlling the Zoox vehicles. RRC is used to manually control the Zoox vehicles around the manufacturing line, test tracks, depots and in emergency situations.
Radio Specifications:	U-NII 1: 5180 – 5240 MHz: 802.11a/n HT20 U-NII 2A: 5260 – 5320 MHz: 802.11a/n HT20 U-NII 2C: 5500 – 5700 MHz: 802.11a/n HT20 U-NII 3: 5745 – 5825 MHz: 802.11a/n HT20
Mode(s) of Operation:	5 GHz WiFi 802.11a: 6 Mbps 802.11n HT20: MCS0
Rationale for the selection of the Operation Mode(s):	Worst case data rate (highest power reported)
Monitoring Method(s):	N/A
Configuration(s):	N/A
EUT Power Requirement	
Voltage:	3.7V (Battery Operated)
AC or DC	DC (Battery Operated)
Voltage Frequency:	DC (Battery Operated)
Number of Phases:	N/A

Amperage:	2A max
Physical Description	
EUT Arrangement:	Battery Operated
System with Multiple Chassis:	No
Size (HxWxD) inches:	8.87 x 8.15 x 2.24 inches
Weight (lbs):	1.43lb
Emissions Class Declaration:	A
Other Info:	
Highest frequency used in device:	5825 MHz (5 GHz WiFi U-NII-3 Channel 165)
EUT Software (internal to EUT):	Yes
Support Software (used by support PC to exercise EUT):	wifi_uart_terminal-2.7.0

Note: EUT information was provided by Zoox, Inc.

Equipment Configuration List

Name/Description	Part Number	Serial Number	Rev. #
Rovebot Remote Controller	P00007878-02-AA	26170 00013	D

Note: Equipment Configuration information was provided by Zoox, Inc.

Support Equipment List

Name/Description	Manufacturer	Model	Serial Number
Test Laptop	Lenovo	ThinkPad	183UB3

Note: Support Equipment information was provided by Zoox, Inc.

Ports and Cabling List

N/A

Antenna Information

Radio	Antenna Type	Manufacturer	Part No	Frequency Range	Peak Gain
WiFi (Internal)	Chip Antenna	Silicon Labs	RS9116 CC0	2412MHz - 2462MHz 5180MHz - 5240MHz 5260MHz - 5320MHz (future use)	0.712 dBi (2.4GHz), 1.25 dBi (5.0GHz)
WiFi (External)	Flat Patch	Taoglas	FXP840.07.0055B	5500MHz - 5700MHz (future use) 5745MHz - 5825MHz	3.35dBi (2.4GHz), 3.37dBi (5.0GHz)
NFC	FPC Coil Antenna	Molex	RFID ANTENNA 13.56MHZ NFC	13.56MHz	-

Note: Antenna information was provided by Zoox, Inc. Eurofins E&E Testing NA, LLC did not test or verify the accuracy of the antenna information.

2.3 Measurement Uncertainty

Measurement uncertainty calculated as per NIST Technical Note (TN) 1297 and ANSI / NCSL Z540-2, as equivalent to EN 55016-4-2 / IEC CISPR 16-4-2.

Test Method	Typical Expanded Uncertainty (dB)	K	Confidence Level
Radiated Emissions, (30 MHz – 1 GHz)	±4.61	2	95%
Radiated Emissions, (1 GHz – 18 GHz)	±4.63	2	95%
Radiated Emissions, (18 GHz – 40 GHz)	±4.20	2	95%
Conducted Emission Voltage	±3.03	2	95%
Conducted Emission Telecom	±3.87	2	95%

2.4 Modifications to the EUT

No modifications were made to the EUT.

2.5 Modifications to the Standard

No modifications were made to the Test Standard.

2.6 Disposition of EUT

The test sample including all support equipment (if any), submitted to the Electromagnetic Compatibility Lab for testing was returned to Zoox Inc. upon completion of testing.

3.0 Electromagnetic Compatibility Criteria

3.1 Antenna-Port Conducted Output Power Measurements

Test Method: ANSI C63.10-2020; FCC KDB 789033 D02 General U-NII Test Procedures New Rules v02r01

Test Requirements: The following standards are covered under this test:

- FCC 47 CFR §15.407(a): Power Limits for U-NII devices

Test Procedure: The EUT was configured to operate in continuous transmission mode with maximum packet length and defined power setting for 5 GHz WiFi U-NII-1, U-NII-2A, U-NII-2C, and U-NII-3 802.11a and n-HT20 modes using the lowest, middle, and highest channel frequencies for each mode.

- Conducted output power measurements were performed at the antenna port of the EUT using a spectrum analyzer. Procedures for testing of Unlicensed National Information Infrastructure (U-NII) devices per Section 12 of ANSI C63.10: 2020 were followed.
- The reference level was set based on the average power of the fundamental channel.
- Measurement traces were recorded for each tested channel.

Test Results:

Test Standard:	FCC 47 CFR §15.407(a) (Per FCC KDB 789033 D02 General U-NII Test Procedures New Rules v02r01; ANSI C63.10-2020)
Test Name	Antenna-Port Conducted Output Power Measurements
Test Dates:	06/17/2026
Laboratory	Eurofins E&E Testing NA, LLC
Test Engineer:	Chin Ming Lui
Test Results:	Compliant
Ambient Temperature (°C):	23.1
Relative Humidity (%):	42
Atmospheric Pressure (kPa):	101.3

Test Configuration:

Mode	Data Rate	TX Channel	Frequency (MHz)	Power Setting
U-NII-1 802.11a	6 Mbps	36	5180	8
		40	5200	7
		48	5240	8
U-NII-1 802.11n HT20	MCS 0	36	5180	8
		40	5200	8
		48	5240	8
U-NII-2A 802.11a	6 Mbps	52	5260	12
		60	5300	12
		64	5320	12
U-NII-2A 802.11n HT20	MCS 0	52	5260	12
		60	5300	12
		64	5320	12
U-NII-2C 802.11a	6 Mbps	100	5500	13
		116	5580	13
		140	5700	10
U-NII-2C 802.11n HT20	MCS 0	100	5500	13
		116	5580	13
		140	5700	9
U-NII-3 802.11a	6 Mbps	149	5745	16
		157	5785	16
		165	5825	16
U-NII-3 802.11n HT20	MCS 0	149	5745	16
		157	5785	16
		165	5825	16

3.1.1 Maximum Conducted Output Power

Mode	Data Rate	TX Channel	Frequency (MHz)	Average Conducted Output Power (dBm)	Max Conducted Output Power Limit (dBm)
U-NII-1 802.11a	6 Mbps	36	5180	8.19	24
		40	5200	7.46	24
		48	5240	7.52	24
U-NII-1 802.11n HT20	MCS 0	36	5180	8.03	24
		40	5200	8.21	24
		48	5240	7.66	24
U-NII-2A 802.11a	6 Mbps	52	5260	9.67	24
		60	5300	8.25	24
		64	5320	7.47	24
U-NII-2A 802.11n HT20	MCS 0	52	5260	9.77	24
		60	5300	8.49	24
		64	5320	7.59	24
U-NII-2C 802.11a	6 Mbps	100	5500	12.17	24
		116	5580	12.27	24
		140	5700	8.44	24
U-NII-2C 802.11n HT20	MCS 0	100	5500	12.45	24
		116	5580	12.43	24
		140	5700	8.12	24
U-NII-3 802.11a	6 Mbps	149	5745	9.75	30
		157	5785	10.50	30
		165	5825	11.47	30
U-NII-3 802.11n HT20	MCS 0	149	5745	9.95	30
		157	5785	10.56	30
		165	5825	11.61	30

Table 1. Antenna-Port Conducted Output Power Measurements, Average Conducted Output Power Test Results

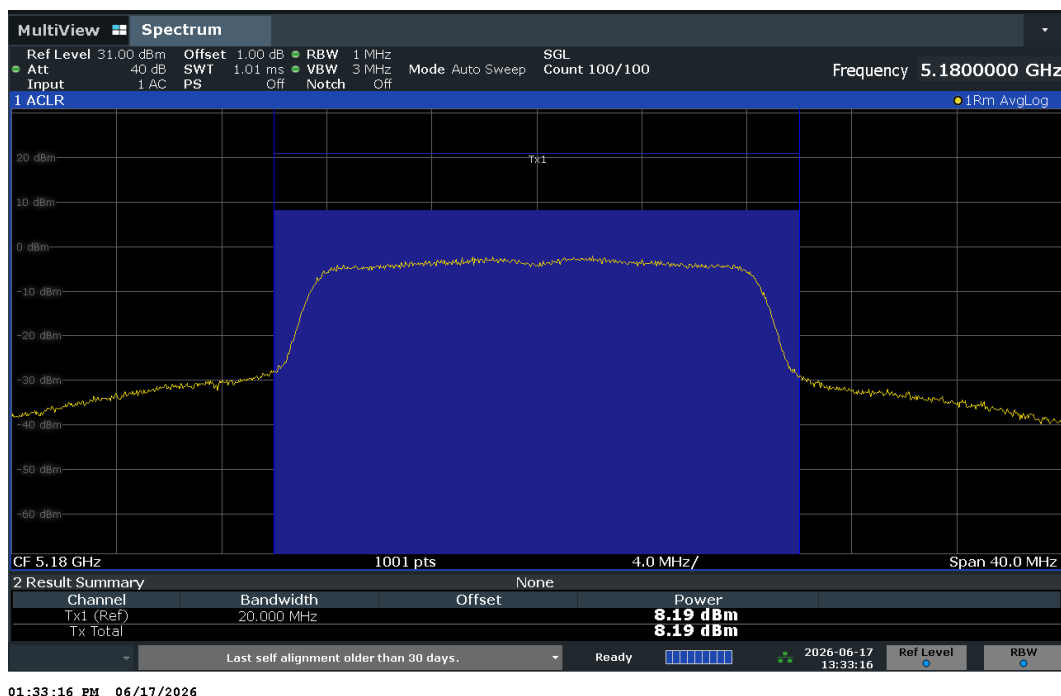


Figure 1. Average Conducted Output Power: 5 GHz WiFi, U-NII-1 802.11a, 6 Mbps, Ch. 36, 5180 MHz, Plot

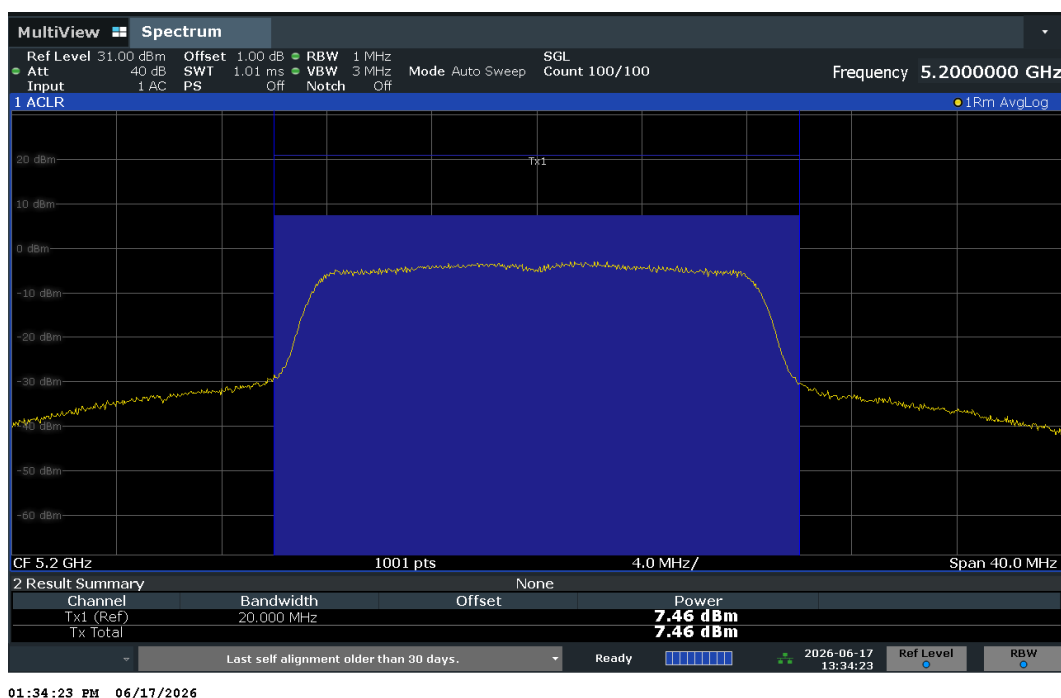


Figure 2. Average Conducted Output Power: 5 GHz WiFi, U-NII-1 802.11a, 6 Mbps, Ch. 40, 5200 MHz, Plot

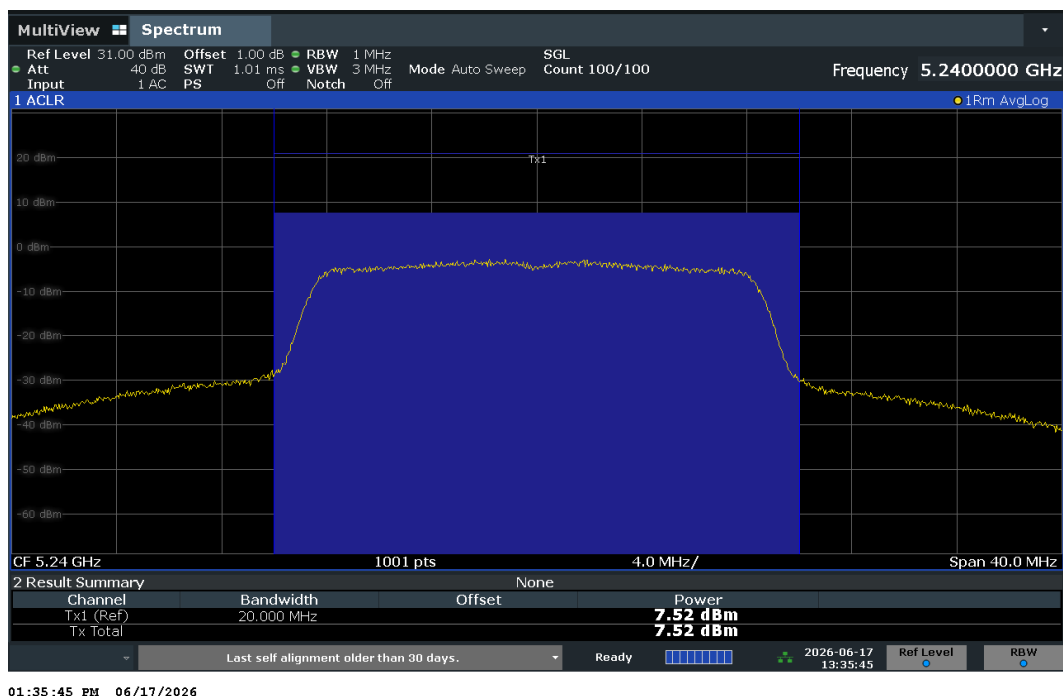


Figure 3. Average Conducted Output Power: 5 GHz WiFi, U-NII-1 802.11a, 6 Mbps, Ch. 48, 5240 MHz, Plot

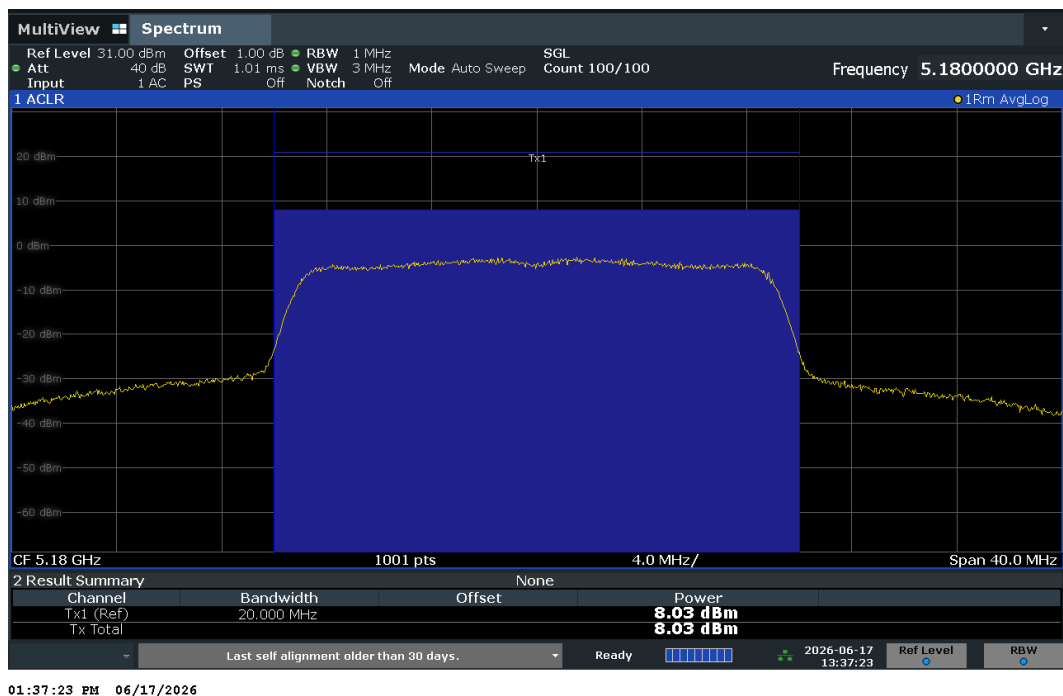


Figure 4. Average Conducted Output Power: 5 GHz WiFi, U-NII-1 802.11n HT20, MCS 0, Ch. 36, 5180 MHz, Plot

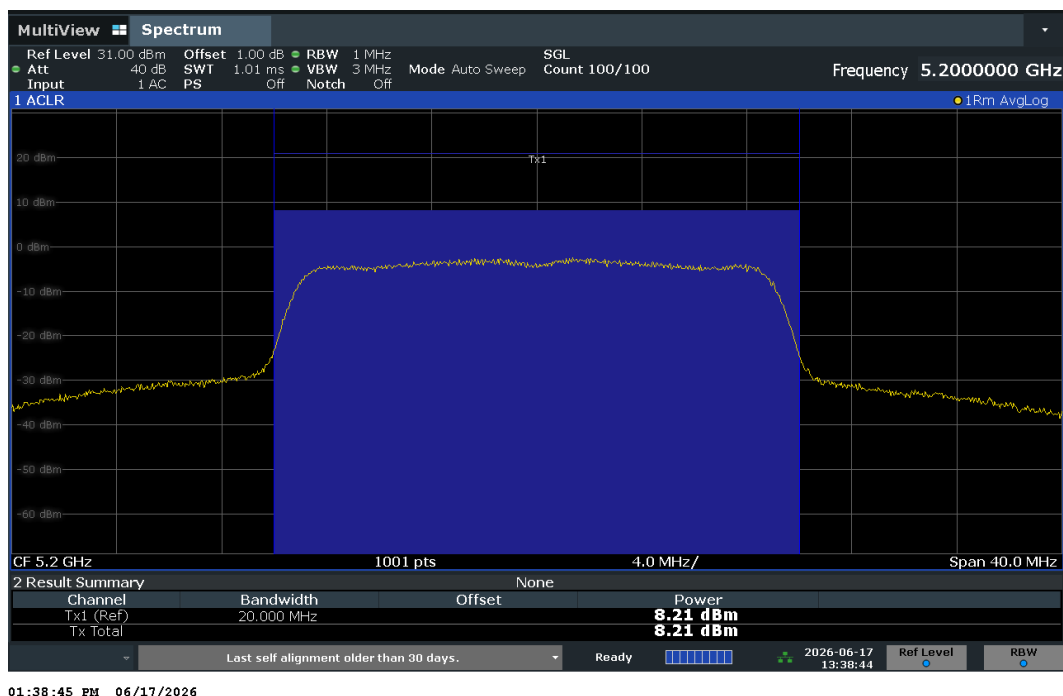


Figure 5. Average Conducted Output Power: 5 GHz WiFi, U-NII-1 802.11n HT20, MCS 0, Ch. 40, 5200 MHz, Plot

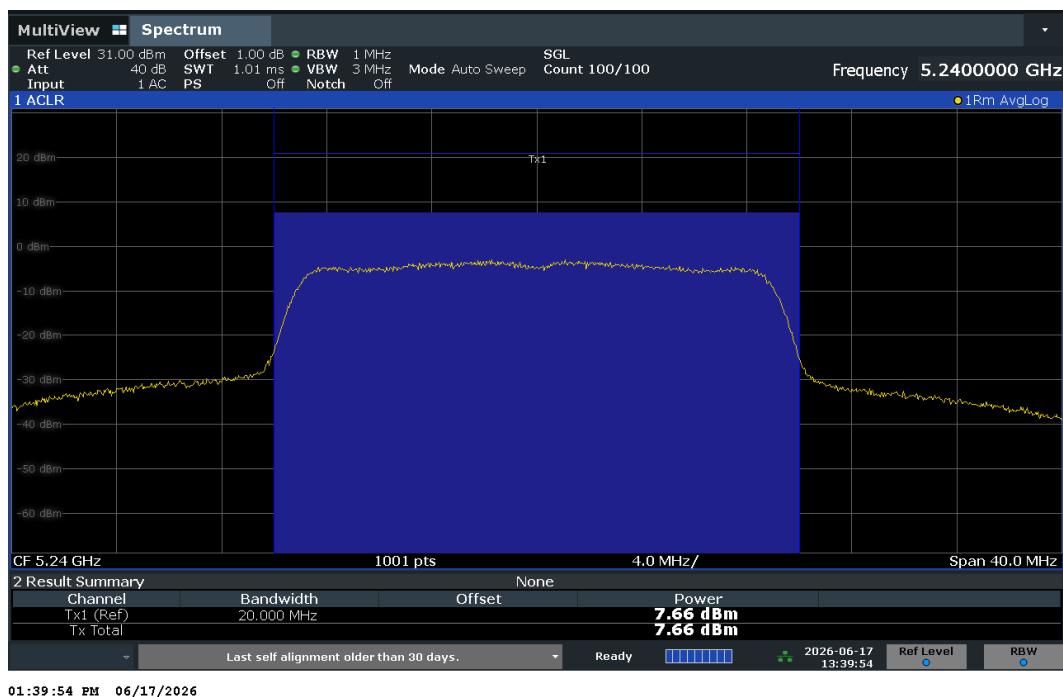


Figure 6. Average Conducted Output Power: 5 GHz WiFi, U-NII-1 802.11n HT20, MCS 0, Ch. 48, 5240 MHz, Plot

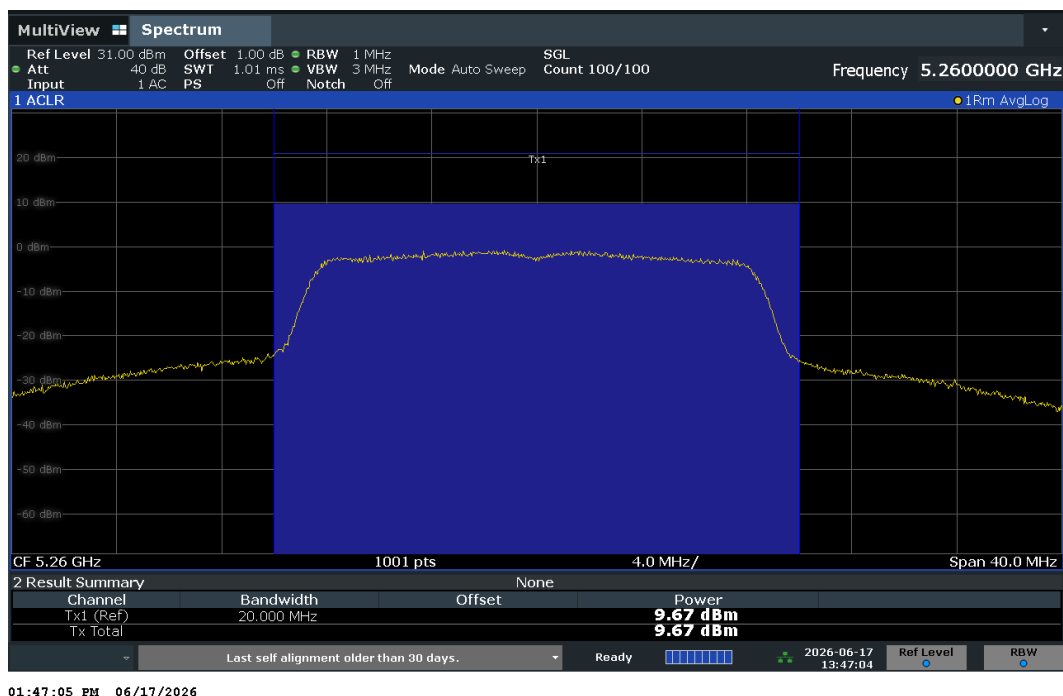


Figure 7. Average Conducted Output Power: 5 GHz WiFi, U-NII-2A 802.11a, 6 Mbps, Ch. 52, 5260 MHz, Plot

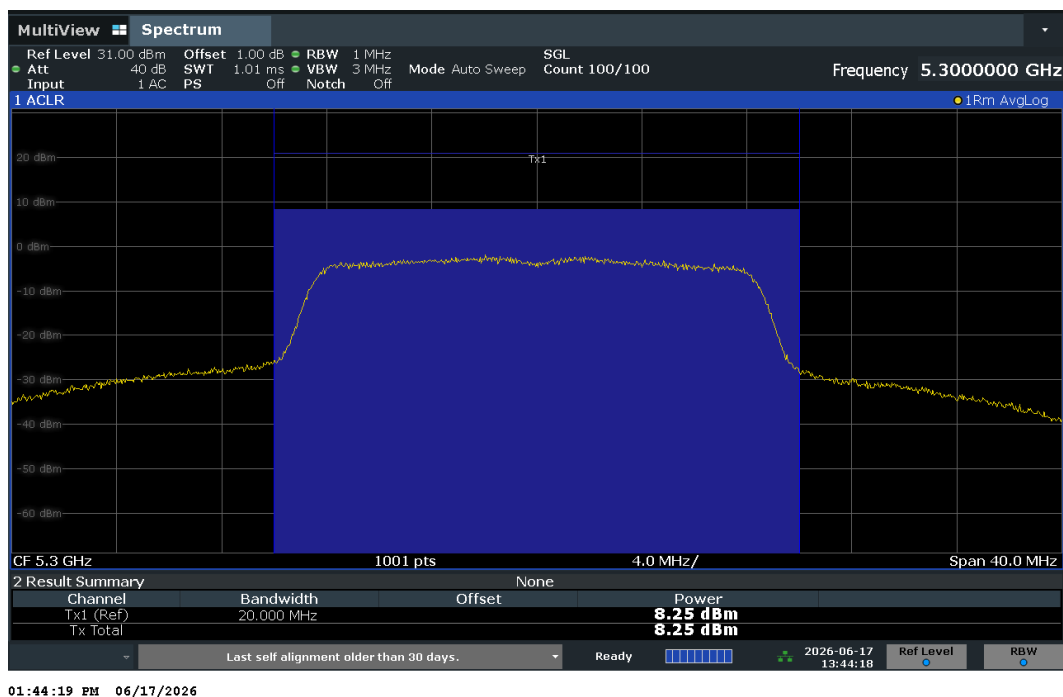


Figure 8. Average Conducted Output Power: 5 GHz WiFi, U-NII-2A 802.11a, 6 Mbps, Ch. 60, 5300 MHz, Plot

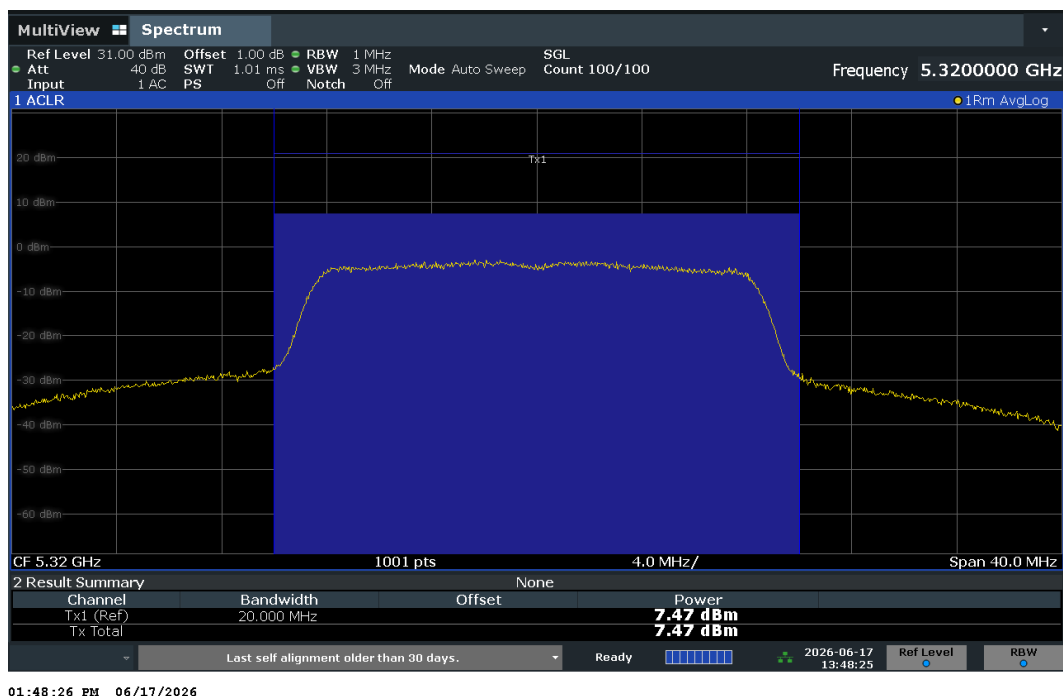


Figure 9. Average Conducted Output Power: 5 GHz WiFi, U-NII-2A 802.11a, 6 Mbps, Ch. 64, 5320 MHz, Plot

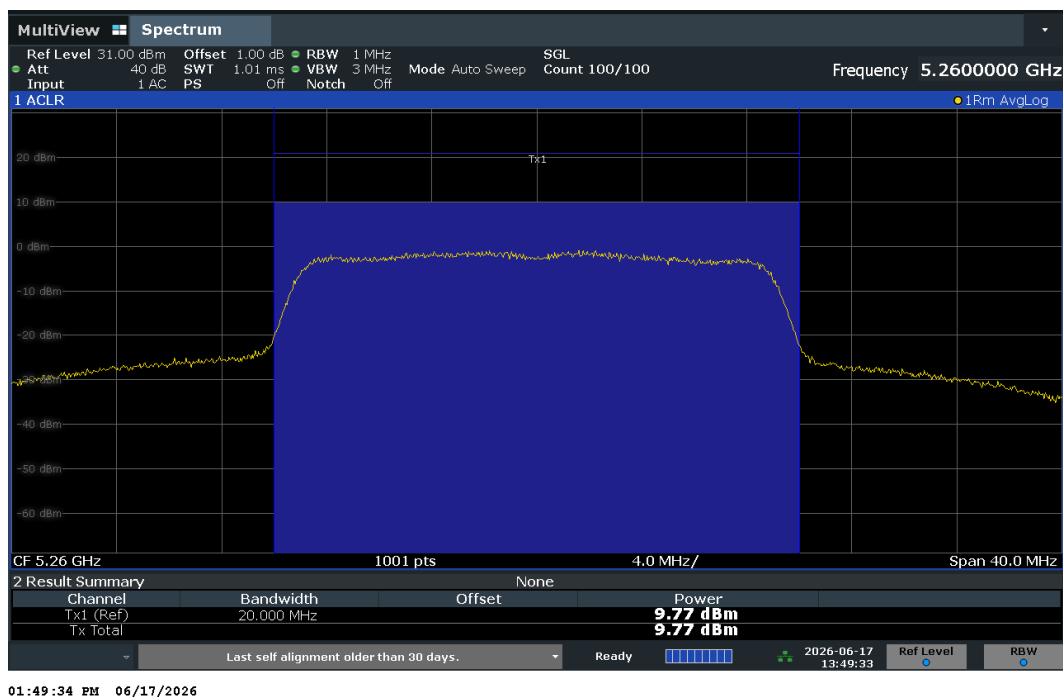


Figure 10. Average Conducted Output Power: 5 GHz WiFi, U-NII-2A 802.11n HT20, MCS 0, Ch. 52, 5260 MHz, Plot

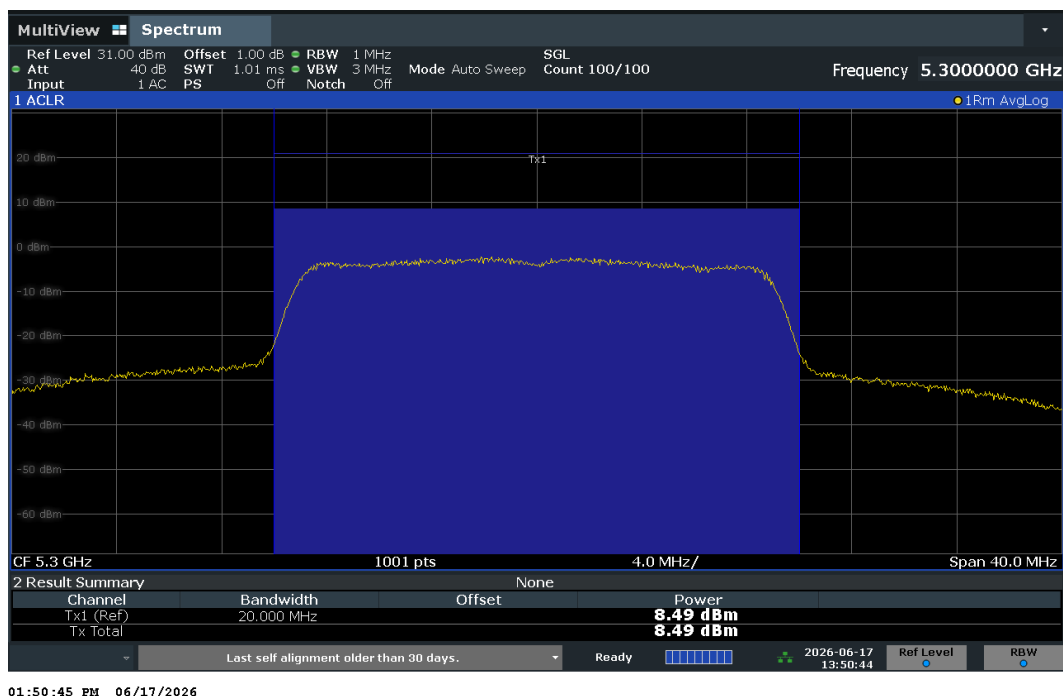


Figure 11. Average Conducted Output Power: 5 GHz WiFi, U-NII-2A 802.11n HT20, MCS 0, Ch. 60, 5300 MHz, Plot

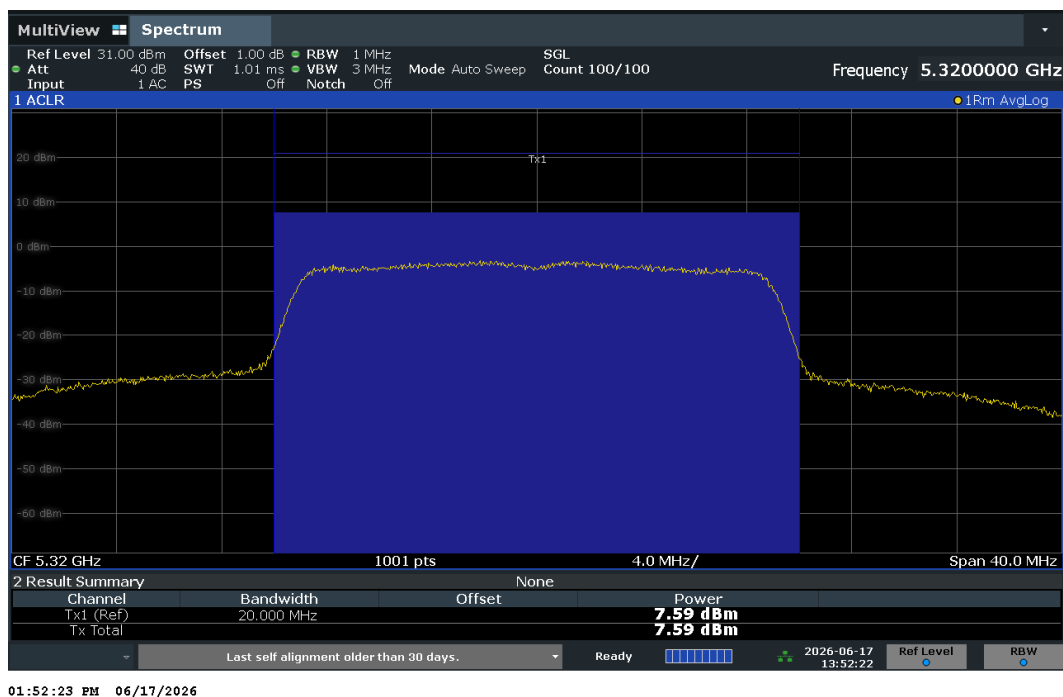


Figure 12. Average Conducted Output Power: 5 GHz WiFi, U-NII-2A 802.11n HT20, MCS 0, Ch. 64, 5320 MHz, Plot

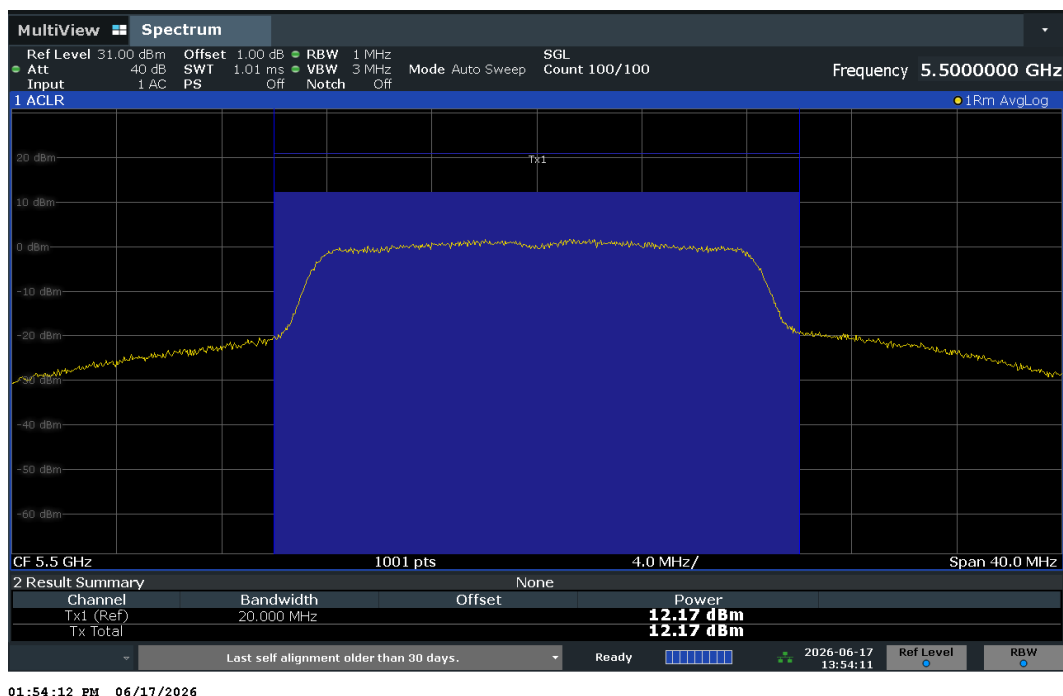


Figure 13. Average Conducted Output Power: 5 GHz WiFi, U-NII-2C 802.11a, 6 Mbps, Ch. 100, 5500 MHz, Plot

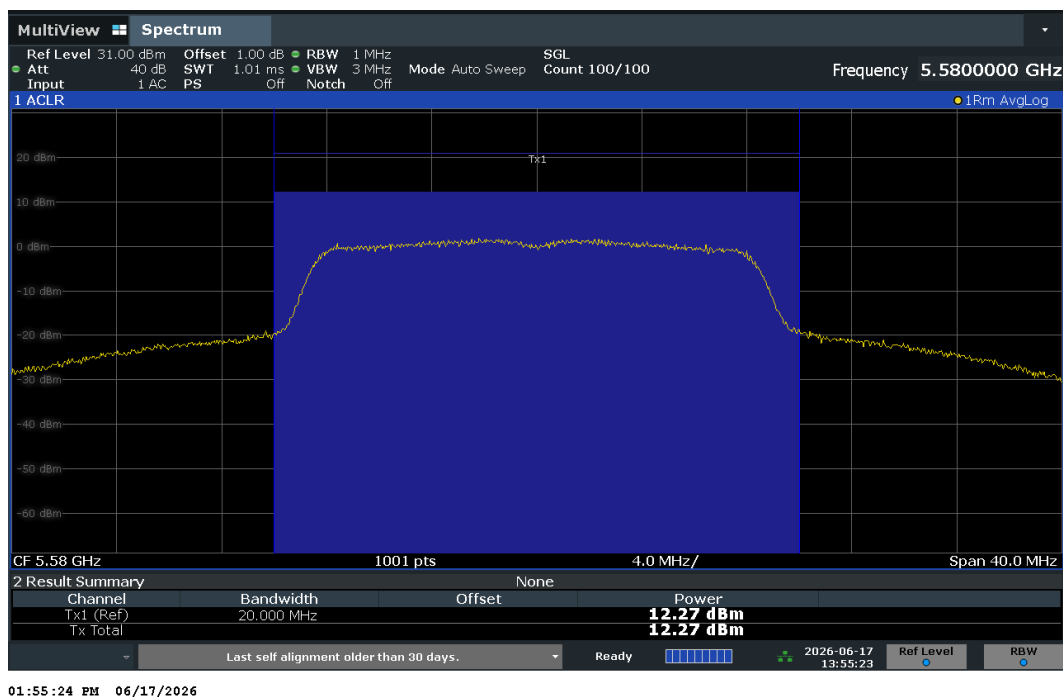


Figure 14. Average Conducted Output Power: 5 GHz WiFi, U-NII-2C 802.11a, 6 Mbps, Ch. 116, 5580 MHz, Plot

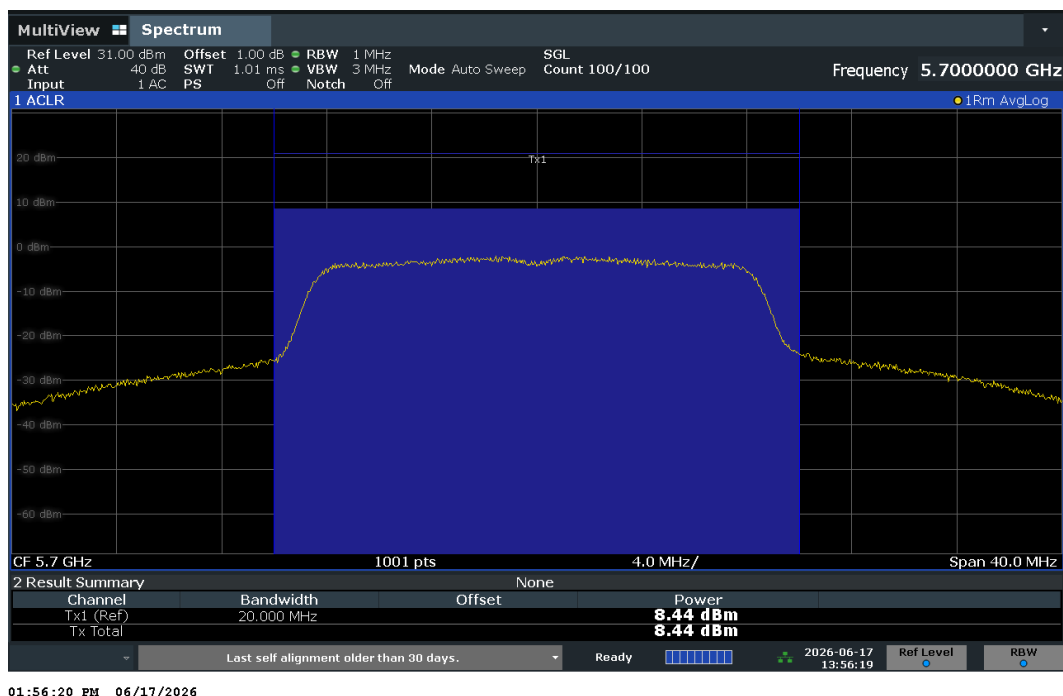


Figure 15. Average Conducted Output Power: 5 GHz WiFi, U-NII-2C 802.11a, 6 Mbps, Ch. 140, 5700 MHz, Plot

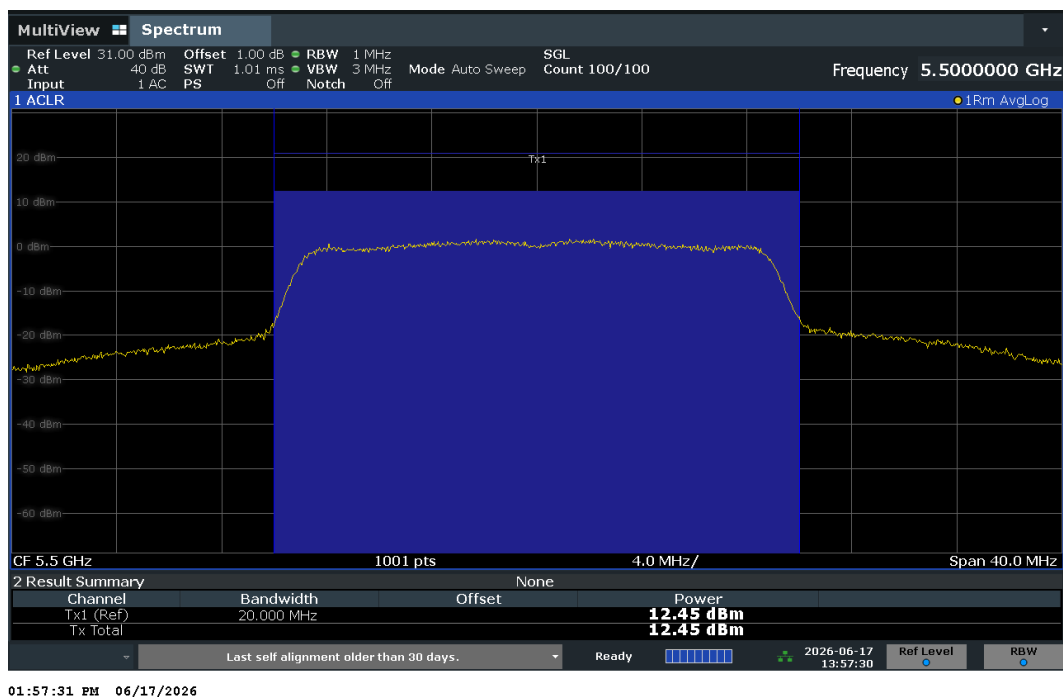


Figure 16. Average Conducted Output Power: 5 GHz WiFi, U-NII-2C 802.11n HT20, MCS 0, Ch. 100, 5500 MHz, Plot

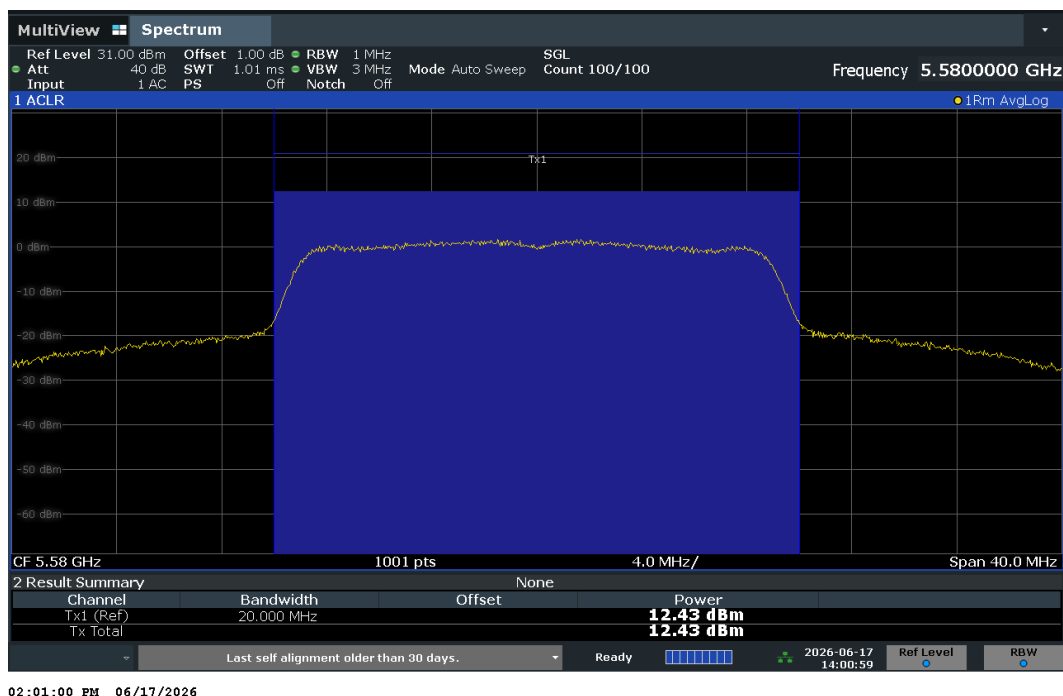


Figure 17. Average Conducted Output Power: 5 GHz WiFi, U-NII-2C 802.11n HT20, MCS 0, Ch. 116, 5580 MHz, Plot

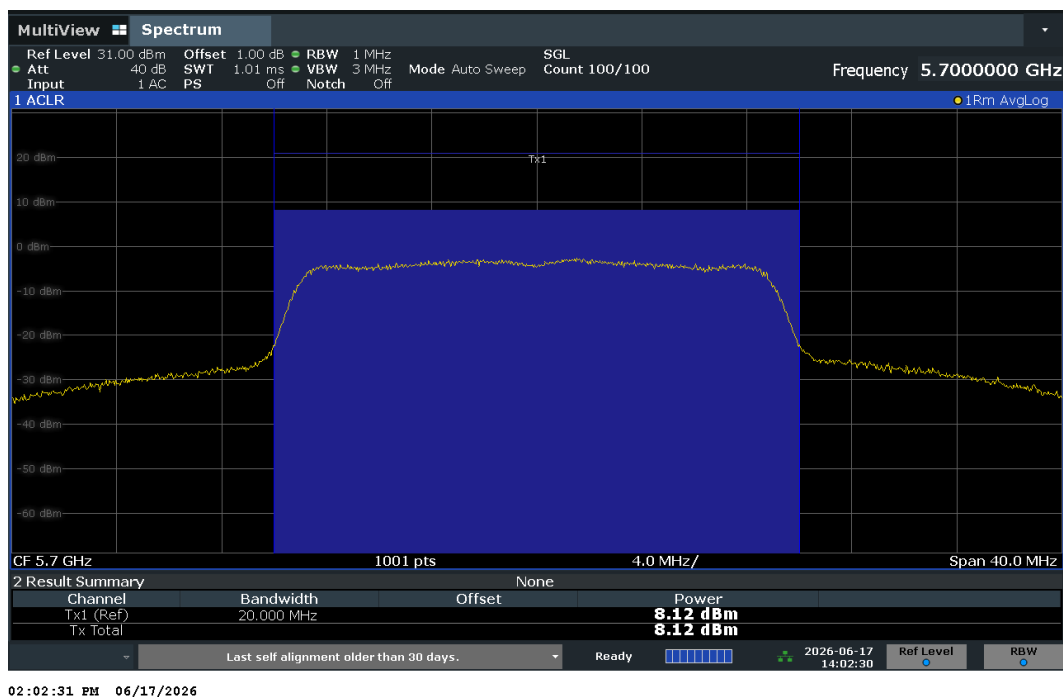


Figure 18. Average Conducted Output Power: 5 GHz WiFi, U-NII-2C 802.11n HT20, MCS 0, Ch. 140, 5700 MHz, Plot

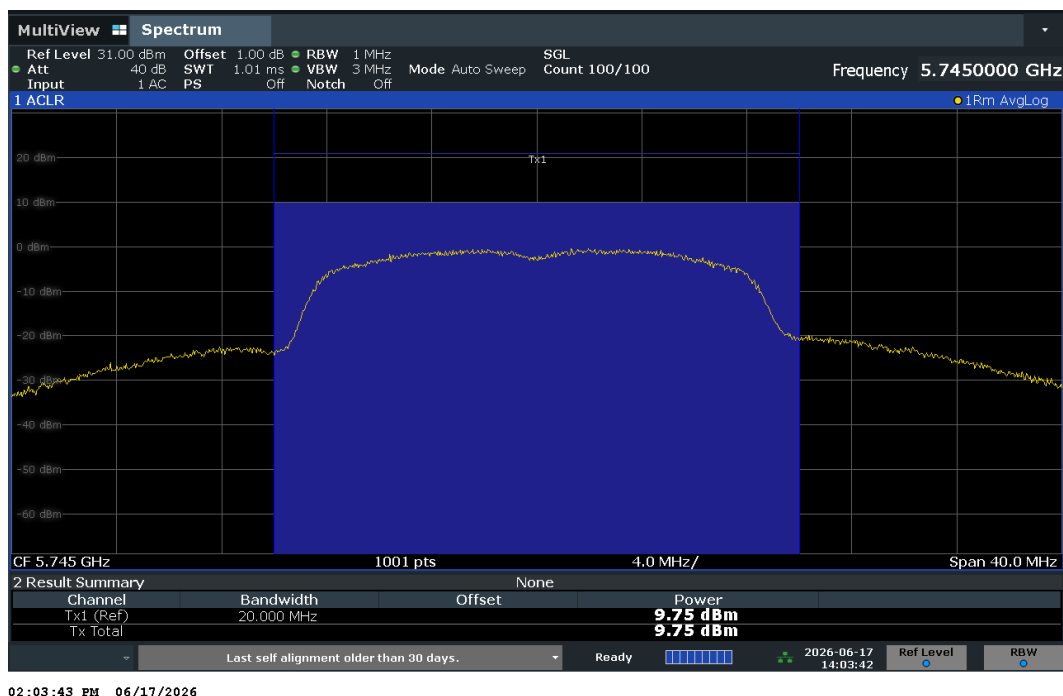


Figure 19. Average Conducted Output Power: 5 GHz WiFi, U-NII-3 802.11a, 6 Mbps, Ch. 149, 5745 MHz, Plot

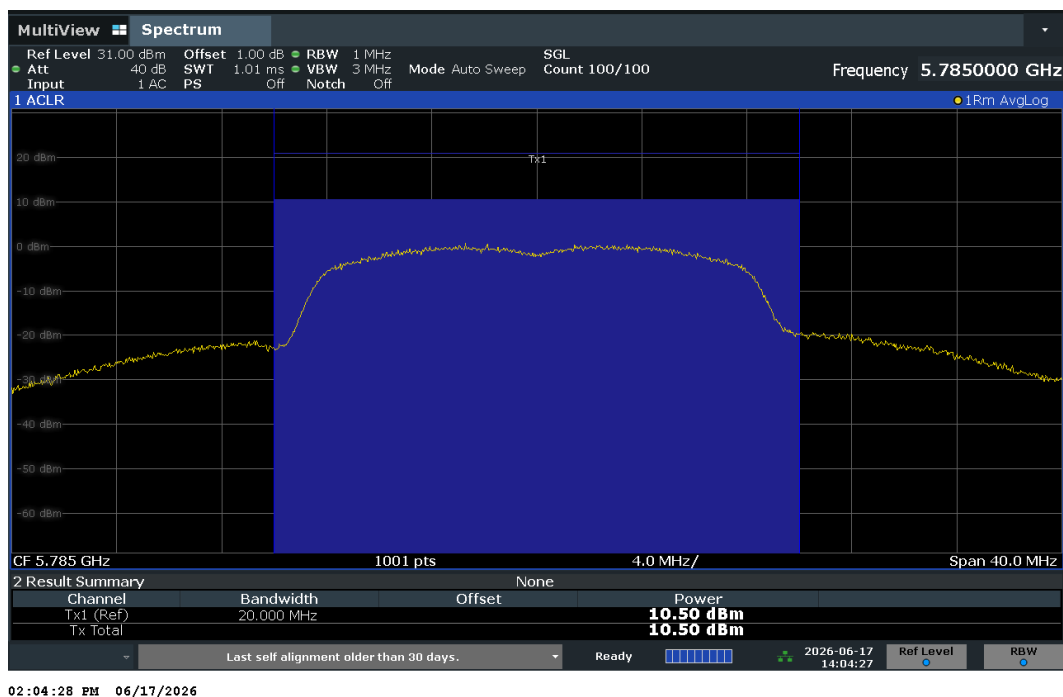


Figure 20. Average Conducted Output Power: 5 GHz WiFi, U-NII-3 802.11a, 6 Mbps, Ch. 157, 5785 MHz, Plot

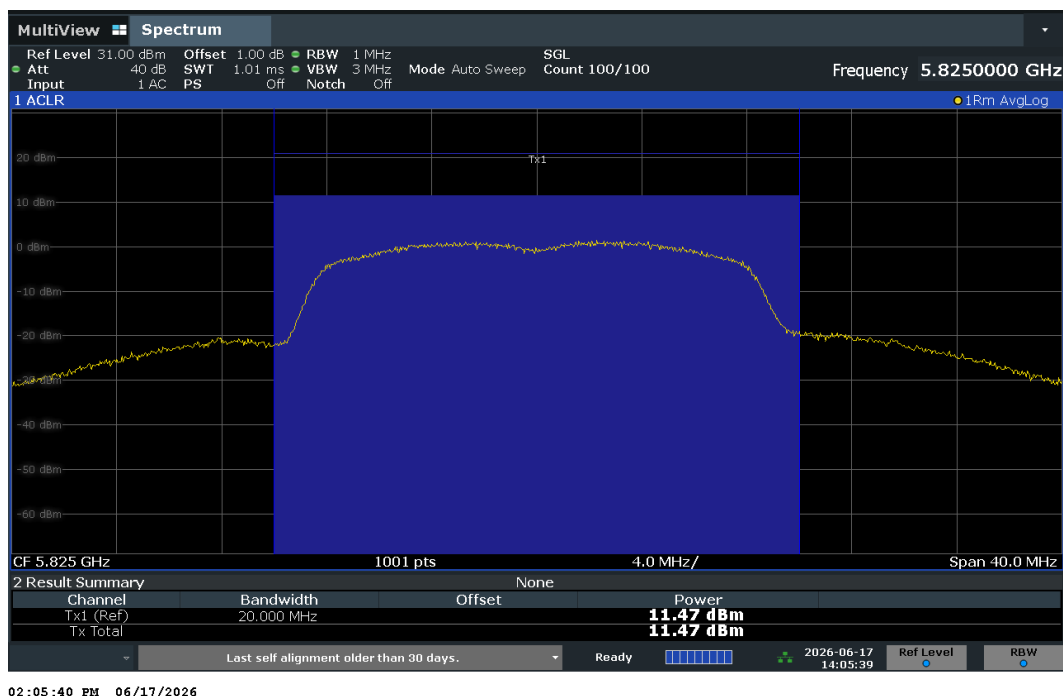


Figure 21. Average Conducted Output Power: 5 GHz WiFi, U-NII-3 802.11a, 6 Mbps, Ch. 165, 5825 MHz, Plot

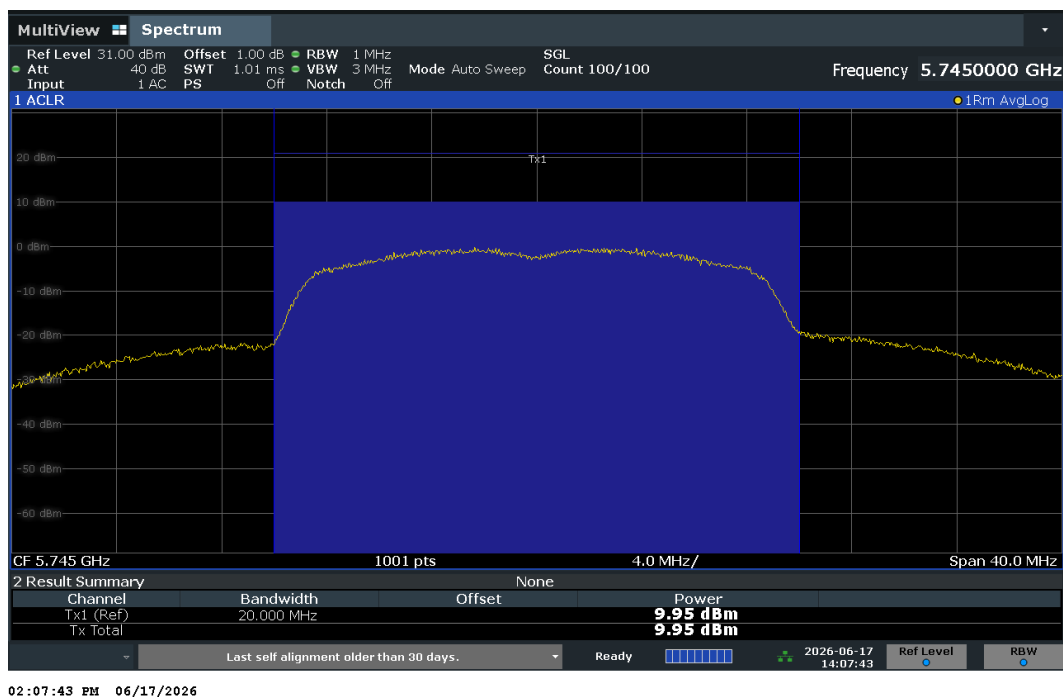


Figure 22. Average Conducted Output Power: 5 GHz WiFi, U-NII-3 802.11n HT20, MCS 0, Ch. 149, 5745 MHz, Plot

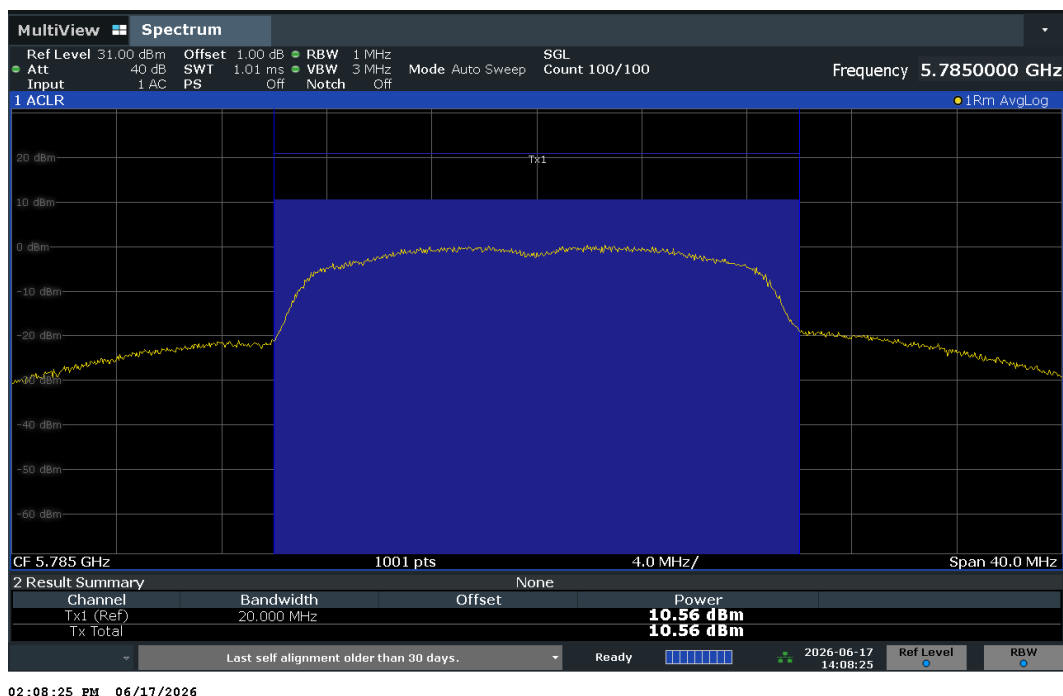


Figure 23. Average Conducted Output Power: 5 GHz WiFi, U-NII-3 802.11n HT20, MCS 0, Ch. 157, 5785 MHz, Plot

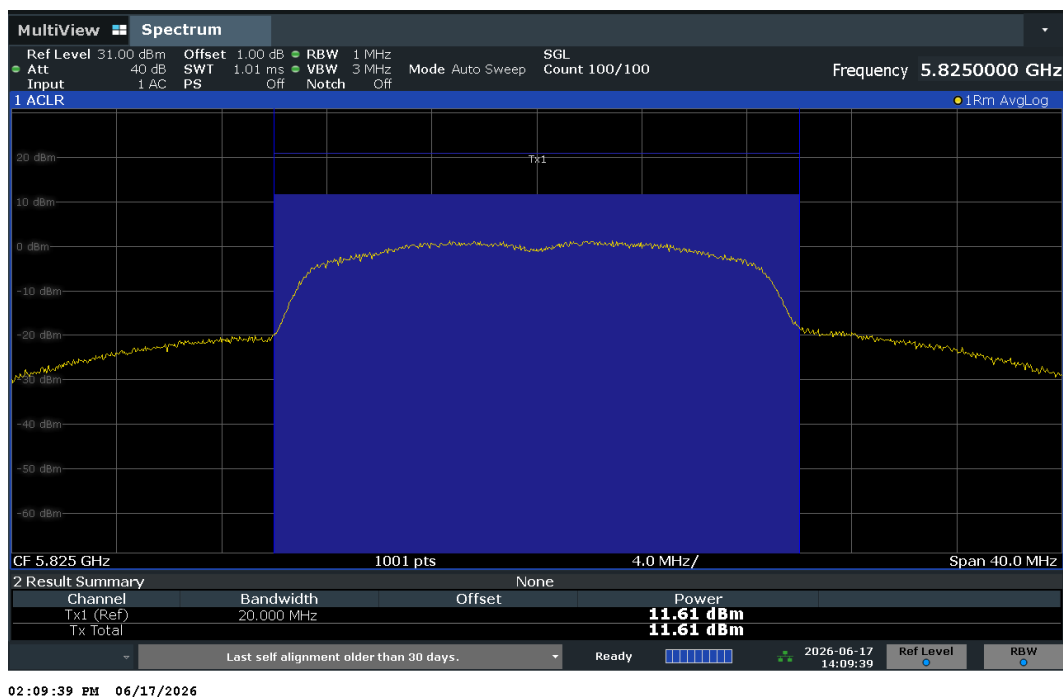


Figure 24. Average Conducted Output Power: 5 GHz WiFi, U-NII-3 802.11n HT20, MCS 0, Ch. 165, 5825 MHz, Plot

3.2 Radiated Spurious Emissions

Test Standard:	FCC 47 CFR §15.407(b) Emission limits for U-NII devices FCC 47 CFR §15.205, §15.209, §15.35 Restricted bands and general radiated emission limits ANSI C63.10-2020 Measurement procedures for unlicensed intentional radiators. KDB 996369 D04 Module Integration Guide v02
Test Method:	Radiated spurious and harmonic emissions from the U-NII radio operating under FCC Part 15E were measured in a semi-anechoic chamber in accordance with ANSI C63.10-2020. The transmitter was exercised on the low, middle, and high channels for 802.11a and 802.11n HT20 modes, using the worst-case data rate and power setting defined in the Test Configuration table. Emissions were scanned from 30 MHz up to at least the 10 th harmonic of the highest fundamental frequency or 40 GHz, whichever was lower, and the measured data were used to demonstrate compliance with FCC §15.407(b) and the applicable restricted-band requirements.
Test Procedures:	For each test channel, the EUT was configured for continuous transmission with maximum packet length and defined power setting. The EUT was placed on a non-conductive support 0.8 m above the ground plane for below 1 GHz scans and 1.5 m above the ground plane for above 1 GHz scans on a motorized turntable in a semi-anechoic chamber, with all required support equipment and loads connected to represent normal operation. Radiated emissions were measured at a distance of 3 m from 30 MHz to 1 GHz and at 3 m (or 1 m, as applicable) above 1 GHz using appropriate loop, biconical/log-periodic, and horn antennas. For each significant emission, the turntable was rotated through 0-360° and the receive antenna height was varied from 1 m to 4 m in both horizontal and vertical polarizations to maximize the received level. Below 1 GHz, emissions were measured using a CISPR quasi-peak detector and applicable bandwidths. Above 1 GHz, emissions were measured using peak and average detectors with 1 MHz RBW and suitable VBW in accordance with ANSI C63.10 and FCC §15.35. Analyzer readings were corrected for antenna factor, cable loss, pre-amplifier gain, and distance to obtain the final field strength values reported or compliance. The worst-case orientation was confirmed with the EUT flat and radiated measurements were performed with this setup.

Test Results:

Test Standard:	FCC 47 CFR §15.407(b) FCC 47 CFR §15.205, §15.209, §15.35
Test Name	Radiated Spurious Emissions
Test Dates:	02/04/2026 – 02/26/2026
Laboratory	Eurofins E&E Testing NA, LLC
Test Engineer:	Chin Ming Lui/Alex Chen
Test Results:	Compliant
Ambient Temperature (°C):	23.1
Relative Humidity (%):	42
Atmospheric Pressure (kPa):	101.3

Test Configuration:

Mode	Data Rate	TX Channel	Frequency (MHz)	Power Setting
U-NII-1 802.11a	6 Mbps	36	5180	8
		40	5200	7
		48	5240	8
U-NII-1 802.11n HT20	MCS 0	36	5180	8
		40	5200	8
		48	5240	8
U-NII-2A 802.11a	6 Mbps	52	5260	12
		60	5300	12
		64	5320	12
U-NII-2A 802.11n HT20	MCS 0	52	5260	12
		60	5300	12
		64	5320	12
U-NII-2C 802.11a	6 Mbps	100	5500	13
		116	5580	13
		140	5700	10
U-NII-2C 802.11n HT20	MCS 0	100	5500	13
		116	5580	13
		140	5700	9
U-NII-3 802.11a	6 Mbps	149	5745	16
		157	5785	16
		165	5825	16
U-NII-3 802.11n HT20	MCS 0	149	5745	16
		157	5785	16
		165	5825	16

Test Data (FCC 15.407 Radiated Spurious Emissions)

WiFi 5GHz U-NII-1 802.11a 6Mbps 5180MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
4719.100069	Peak (PASS)	62.05	74	-11.95	2.883	12	Horizontal	1000000	0.1	39.762
4719.100069	Average (PASS)	46.383	54	-7.617	2.883	12	Horizontal	1000000	0.1	39.762
4906.000355	Peak (PASS)	63.434	74	-10.566	3.75	384	Vertical	1000000	0.1	40.105
4906.000355	Average (PASS)	48.14	54	-5.86	3.75	384	Vertical	1000000	0.1	40.105
4982.300185	Peak (PASS)	64.655	74	-9.345	1.402	17	Horizontal	1000000	0.1	40.005
4982.300185	Average (PASS)	49.605	54	-4.395	1.402	17	Horizontal	1000000	0.1	40.005
5088.000047	Peak (PASS)	63.341	74	-10.659	2.664	331	Vertical	1000000	0.1	40.435
5088.000047	Average (PASS)	47.497	54	-6.503	2.664	331	Vertical	1000000	0.1	40.435
5146.100463	Peak (PASS)	67.163	74	-6.837	1.284	245	Vertical	1000000	0.1	40.552
5146.100463	Average (PASS)	48.676	54	-5.324	1.284	245	Vertical	1000000	0.1	40.552
5146.799619	Peak (PASS)	63.805	74	-10.195	2.656	22	Horizontal	1000000	0.1	40.257
5146.799619	Average (PASS)	47.801	54	-6.199	2.656	22	Horizontal	1000000	0.1	40.257

Table 2. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11a 6Mbps 5180MHz RSE – Lower Band Edge Test Results

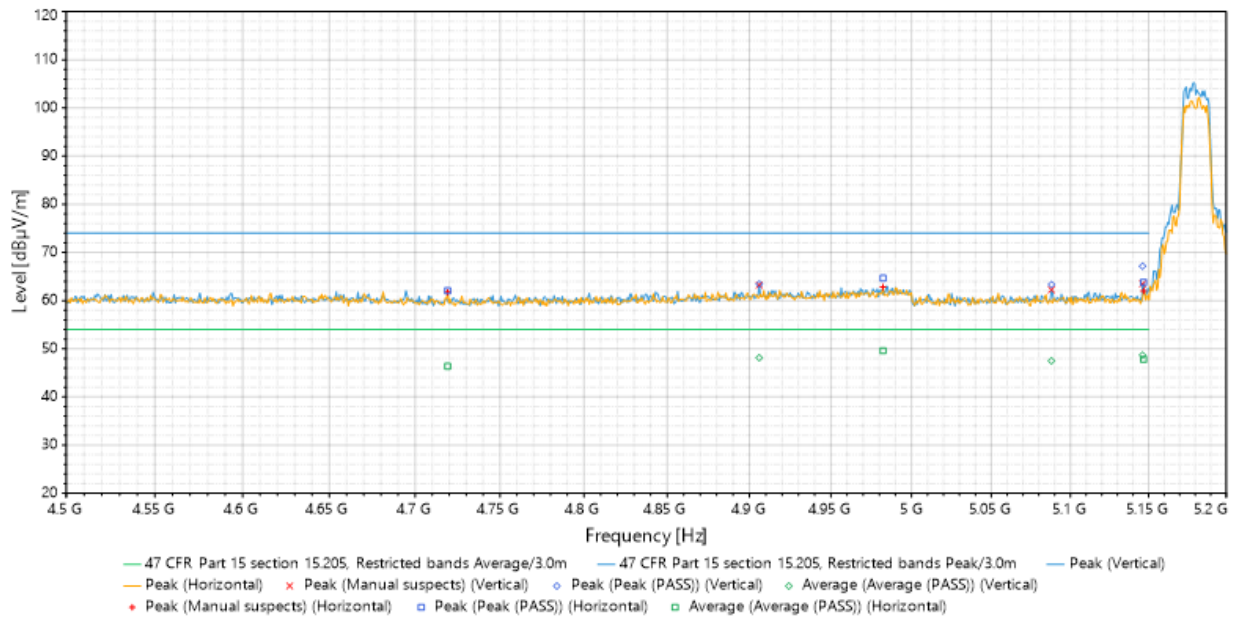


Figure 25. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11a 6Mbps 5180MHz RSE – Lower Band Edge Plot

WiFi 5GHz U-NII-1 802.11a 6Mbps 5180MHz External Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
4644.199925	Peak (PASS)	63.222	74	-10.778	1.963	389	Vertical	1000000	0.1	39.776
4644.199925	Average (PASS)	47.09	54	-6.91	1.963	389	Vertical	1000000	0.1	39.776
4874.500405	Peak (PASS)	62.938	74	-11.062	3.274	101	Horizontal	1000000	0.1	39.912
4874.500405	Average (PASS)	47.246	54	-6.754	3.274	101	Horizontal	1000000	0.1	39.912
4915.099789	Peak (PASS)	63.595	74	-10.405	2.207	-11	Horizontal	1000000	0.1	39.926
4915.099789	Average (PASS)	47.924	54	-6.076	2.207	-11	Horizontal	1000000	0.1	39.926
4931.899881	Peak (PASS)	63.698	74	-10.302	1.262	24	Vertical	1000000	0.1	40.125
4931.899881	Average (PASS)	48.18	54	-5.82	1.262	24	Vertical	1000000	0.1	40.125
4996.299936	Peak (PASS)	64.92	74	-9.08	3.241	337	Horizontal	1000000	0.1	40.033
4996.299936	Average (PASS)	49.977	54	-4.023	3.241	337	Horizontal	1000000	0.1	40.033
4999.100465	Peak (PASS)	65.537	74	-8.463	1.599	7	Vertical	1000000	0.1	40.228
4999.100465	Average (PASS)	50.254	54	-3.746	1.599	7	Vertical	1000000	0.1	40.228

Table 3. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11a 6Mbps 5180MHz RSE – Lower Band Edge Test Results

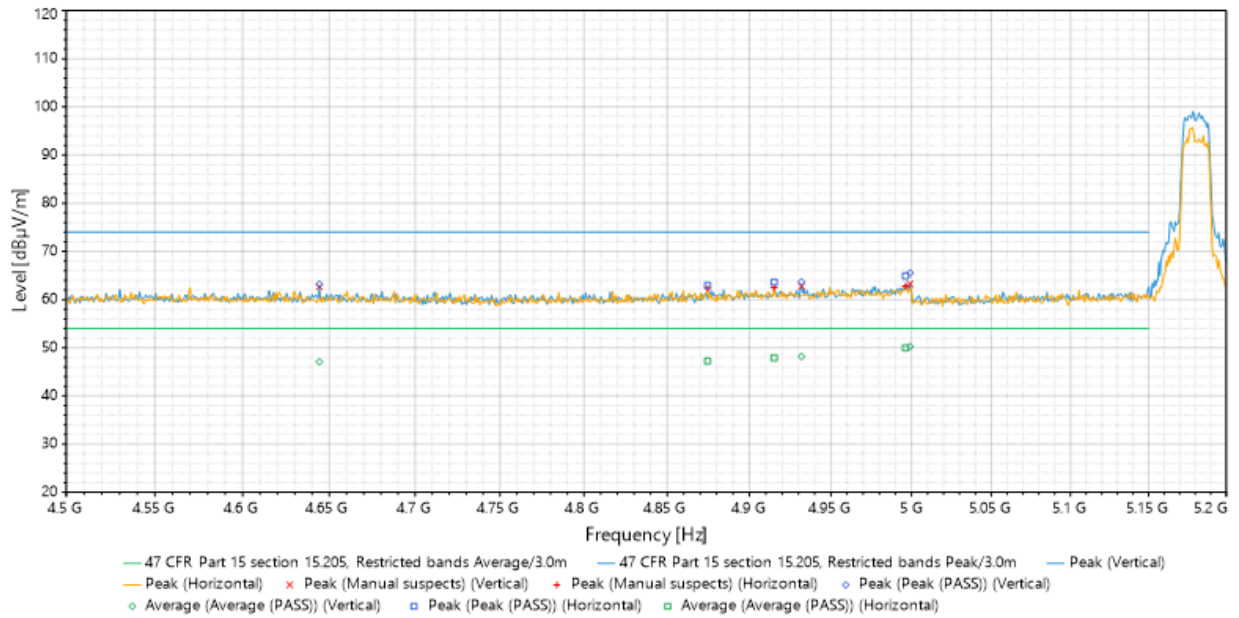


Figure 26. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11a 6Mbps 5180MHz RSE – Lower Band Edge Plot

WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5180MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
4685.500251	Peak (PASS)	62.329	74	-11.671	3.75	228	Vertical	1000000	0.1	39.847
4685.500251	Average (PASS)	46.845	54	-7.155	3.75	228	Vertical	1000000	0.1	39.847
4814.300091	Peak (PASS)	62.846	74	-11.154	1.961	249	Horizontal	1000000	0.1	39.887
4814.300091	Average (PASS)	47.544	54	-6.456	1.961	249	Horizontal	1000000	0.1	39.887
4973.200012	Peak (PASS)	64.151	74	-9.849	3.87	321	Horizontal	1000000	0.1	39.986
4973.200012	Average (PASS)	48.522	54	-5.478	3.87	321	Horizontal	1000000	0.1	39.986
4993.50018	Peak (PASS)	65.059	74	-8.941	2.299	-11	Vertical	1000000	0.1	40.218
4993.50018	Average (PASS)	50.105	54	-3.895	2.299	-11	Vertical	1000000	0.1	40.218
5144.700187	Peak (PASS)	64.146	74	-9.854	1.627	283	Vertical	1000000	0.1	40.549
5144.700187	Average (PASS)	48.066	54	-5.934	1.627	283	Vertical	1000000	0.1	40.549
5147.500403	Peak (PASS)	67.002	74	-6.998	1.03	114	Horizontal	1000000	0.1	40.258
5147.500403	Average (PASS)	48.525	54	-5.475	1.03	114	Horizontal	1000000	0.1	40.258

Table 4. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5180MHz RSE – Lower Band Edge Test Results

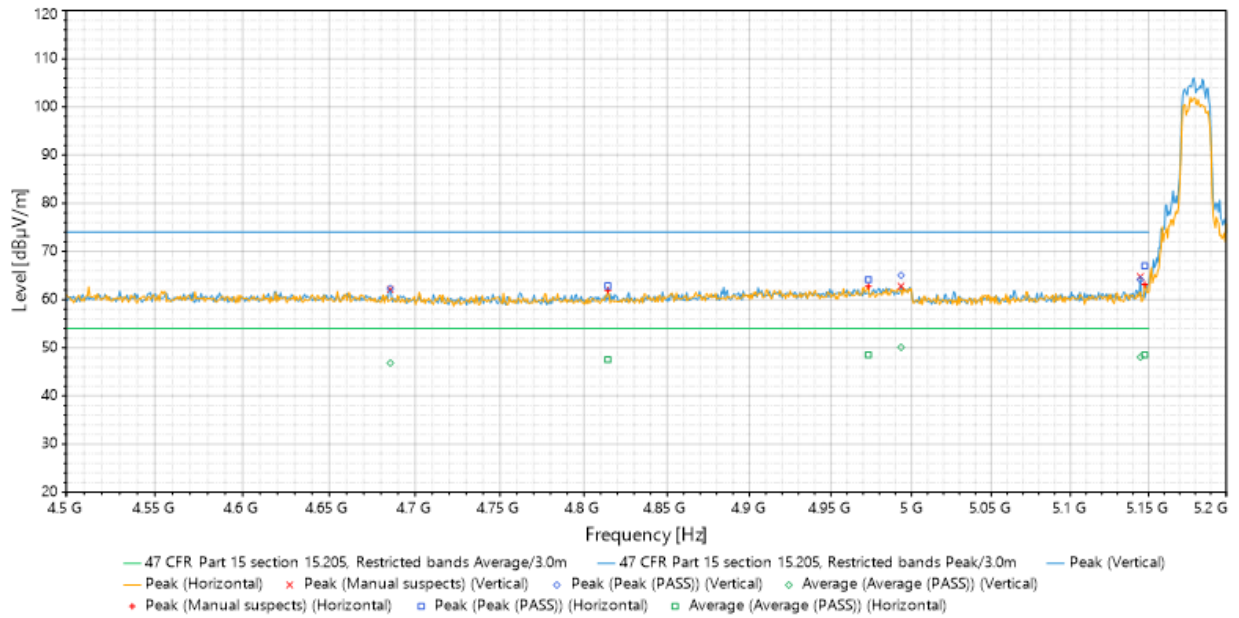


Figure 27. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5180MHz RSE – Lower Band Edge Plot

WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
37.5485	QuasiPeak (PASS)	13.968	40	-26.032	3.814	268	Horizontal	120000	0.1	-8.287
250.00075	QuasiPeak (PASS)	31.187	46	-14.813	1.513	314	Horizontal	120000	0.1	-8.876

Table 5. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (30 MHz – 1 GHz) Test Results

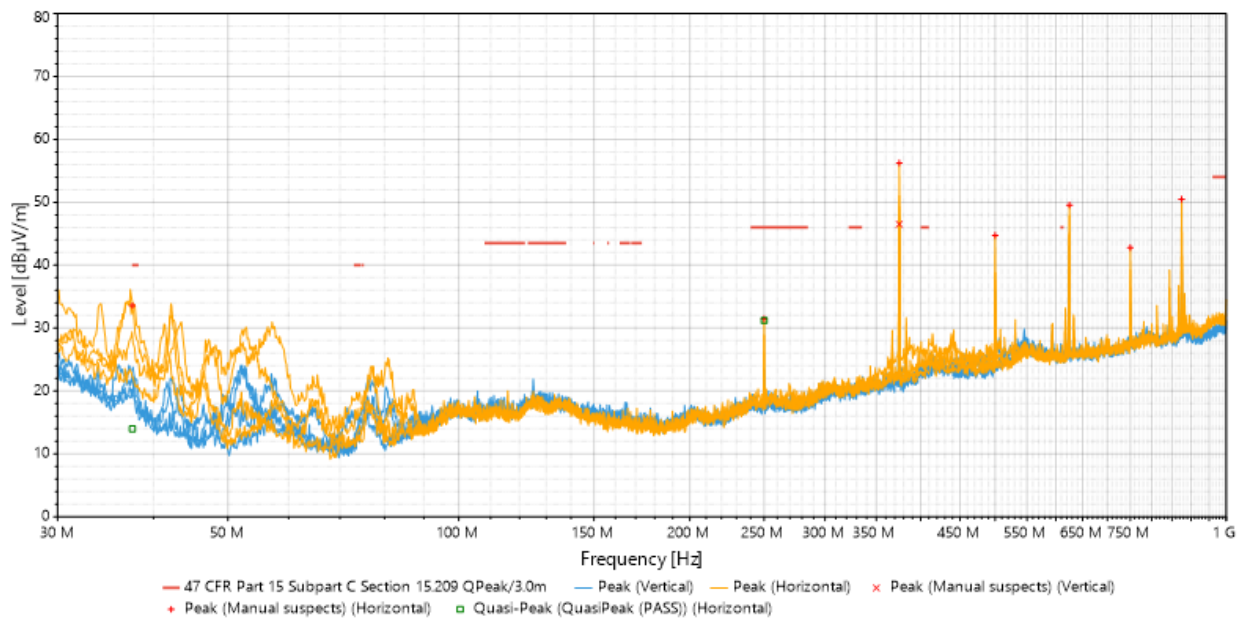


Figure 28. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (30 MHz – 1 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
2125.1	Peak (PASS)	48.57	68.23	-19.66	1.03	331	Vertical	1000000	0.1	-0.913
2125.1	Average (PASS)	40.685	54	-13.315	1.03	331	Vertical	1000000	0.1	-0.913
2624.9	Peak (PASS)	49.513	68.23	-18.717	1.03	3	Horizontal	1000000	0.1	0.017
2624.9	Average (PASS)	43.005	54	-10.995	1.03	3	Horizontal	1000000	0.1	0.017
5947.1	Peak (PASS)	47.726	68.23	-20.504	1.696	30	Horizontal	1000000	0.1	3.694
5947.1	Average (PASS)	33.081	54	-20.919	1.696	30	Horizontal	1000000	0.1	3.694
5951.8	Peak (PASS)	47.122	68.23	-21.108	3.299	1	Vertical	1000000	0.1	3.661
5951.8	Average (PASS)	33.071	54	-20.929	3.299	1	Vertical	1000000	0.1	3.661
16853.9	Peak (PASS)	56.814	68.23	-11.416	2.884	263	Vertical	1000000	0.1	6.845
16853.9	Average (PASS)	42.696	54	-11.304	2.884	263	Vertical	1000000	0.1	6.845
17122.5	Peak (PASS)	55.064	68.23	-13.166	2.457	21	Horizontal	1000000	0.1	6.453
17122.5	Average (PASS)	41.699	54	-12.301	2.457	21	Horizontal	1000000	0.1	6.453

Table 6. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (1 – 18 GHz) Test Results

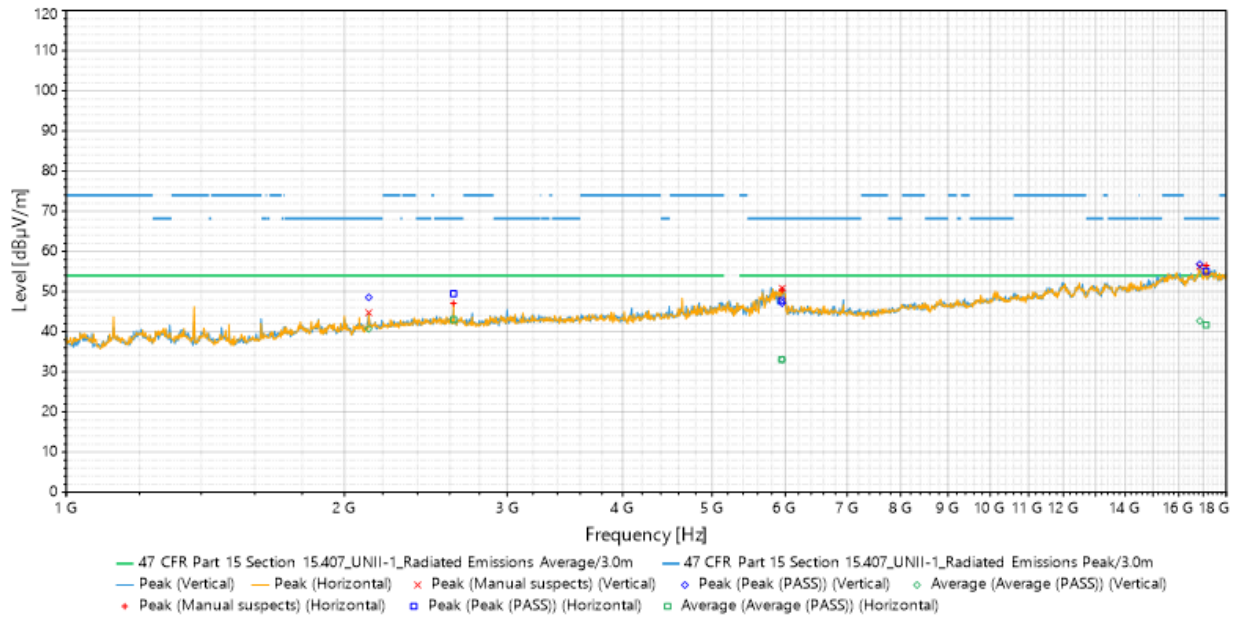


Figure 29. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (1 – 18 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
22722.7	Peak (PASS)	37.891	74	-36.109	2.201	30	Horizontal	1000000	0.1	-1.452
22722.7	Average (PASS)	24.411	54	-29.589	2.201	30	Horizontal	1000000	0.1	-1.452
22892.4	Peak (PASS)	37.737	74	-36.263	2.436	-30	Vertical	1000000	0.1	-1.492
22892.4	Average (PASS)	23.855	54	-30.145	2.436	-30	Vertical	1000000	0.1	-1.492
33310	Peak (PASS)	42.899	68.23	-25.331	1.168	336	Vertical	1000000	0.1	2.081
33310	Average (PASS)	29.294	54	-24.706	1.168	336	Vertical	1000000	0.1	2.081
35384.9	Peak (PASS)	45.569	68.23	-22.661	1.179	339	Horizontal	1000000	0.1	2.287
35384.9	Average (PASS)	31.805	54	-22.195	1.179	339	Horizontal	1000000	0.1	2.287
39829.9	Peak (PASS)	49.019	74	-24.981	1.856	0	Horizontal	1000000	0.1	5.522
39829.9	Average (PASS)	35.053	54	-18.947	1.856	0	Horizontal	1000000	0.1	5.522
39990.6	Peak (PASS)	49.399	74	-24.601	1.406	96	Vertical	1000000	0.1	5.698
39990.6	Average (PASS)	35.182	54	-18.818	1.406	96	Vertical	1000000	0.1	5.698

Table 7. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (18 – 40 GHz) Test Results

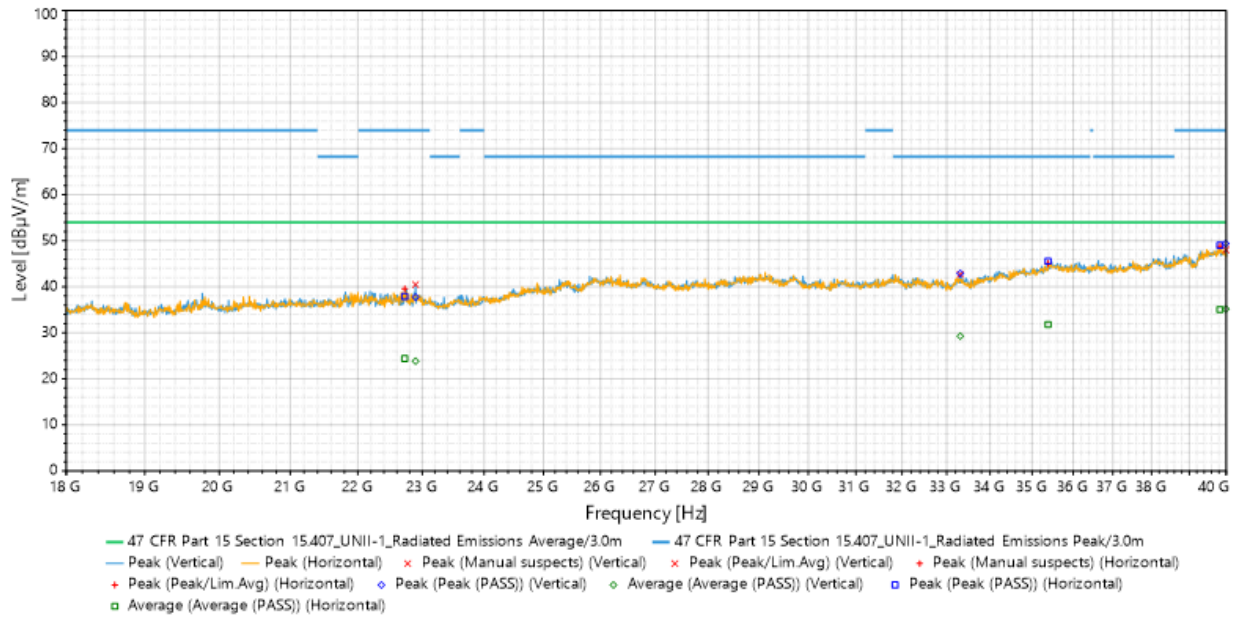


Figure 30. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (18 – 40 GHz) Plot

WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz External Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
37.5512	QuasiPeak (PASS)	31.701	40	-8.299	4	103	Horizontal	120000	0.1	-8.29
250	QuasiPeak (PASS)	31.848	46	-14.152	1.521	158	Horizontal	120000	0.1	-8.876

Table 8. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (30 MHz – 1 GHz) Test Results

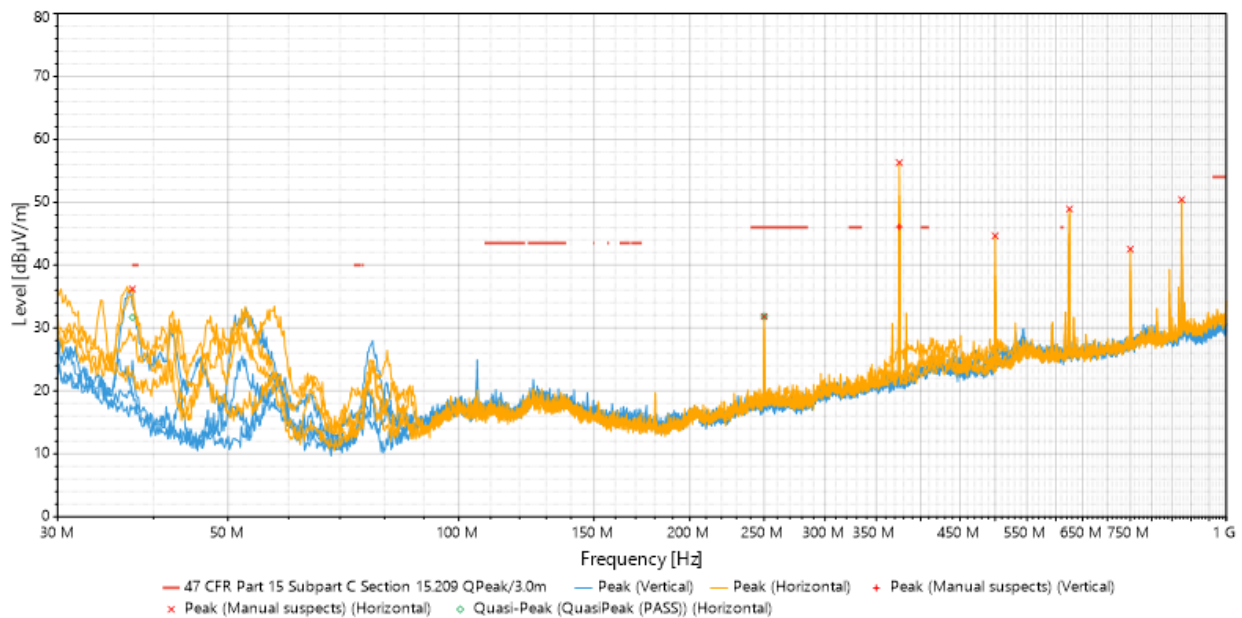


Figure 31. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (30 MHz – 1 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1374.9	Peak (PASS)	48.923	74	-25.077	1.514	116	Horizontal	1000000	0.1	-4.203
1374.9	Average (PASS)	42.228	54	-11.772	1.514	116	Horizontal	1000000	0.1	-4.203
2624.9	Peak (PASS)	49.087	68.23	-19.143	1.399	263	Vertical	1000000	0.1	0.057
2624.9	Average (PASS)	41.948	54	-12.052	1.399	263	Vertical	1000000	0.1	0.057
6933.2	Peak (PASS)	50.984	68.23	-17.246	1.746	289	Vertical	1000000	0.1	3.977
6933.2	Average (PASS)	43.568	54	-10.432	1.746	289	Vertical	1000000	0.1	3.977
6933.2	Peak (PASS)	51.425	68.23	-16.805	3.005	13	Horizontal	1000000	0.1	3.907
6933.2	Average (PASS)	44.636	54	-9.364	3.005	13	Horizontal	1000000	0.1	3.907
16828.4	Peak (PASS)	56.397	68.23	-11.833	3.75	104	Vertical	1000000	0.1	6.82
16828.4	Average (PASS)	42.202	54	-11.798	3.75	104	Vertical	1000000	0.1	6.82
17316.7	Peak (PASS)	56.207	68.23	-12.023	3.011	23	Horizontal	1000000	0.1	5.773
17316.7	Average (PASS)	42.404	54	-11.596	3.011	23	Horizontal	1000000	0.1	5.773

Table 9. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (1 – 18 GHz) Test Results

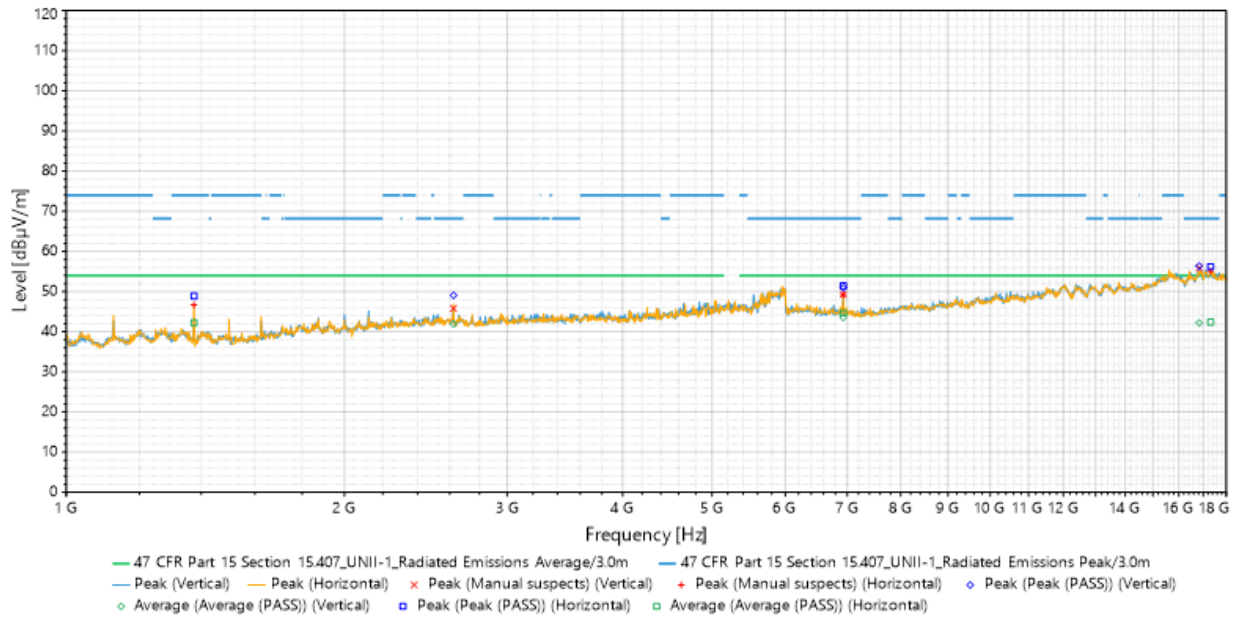


Figure 32. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (1 – 18 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
21900.1	Peak (PASS)	37.751	68.23	-30.479	2.581	-30	Horizontal	1000000	0.1	-1.485
21900.1	Average (PASS)	24.048	54	-29.952	2.581	-30	Horizontal	1000000	0.1	-1.485
22735.7	Peak (PASS)	38.266	74	-35.734	3.352	1	Vertical	1000000	0.1	-1.447
22735.7	Average (PASS)	24.382	54	-29.618	3.352	1	Vertical	1000000	0.1	-1.447
38133.1	Peak (PASS)	47.107	68.23	-21.123	2.58	30	Vertical	1000000	0.1	3.642
38133.1	Average (PASS)	33.159	54	-20.841	2.58	30	Vertical	1000000	0.1	3.642
39509.4	Peak (PASS)	48.535	74	-25.465	1.063	-27	Horizontal	1000000	0.1	5.172
39509.4	Average (PASS)	34.765	54	-19.235	1.063	-27	Horizontal	1000000	0.1	5.172

Table 10. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (18 – 40 GHz) Test Results

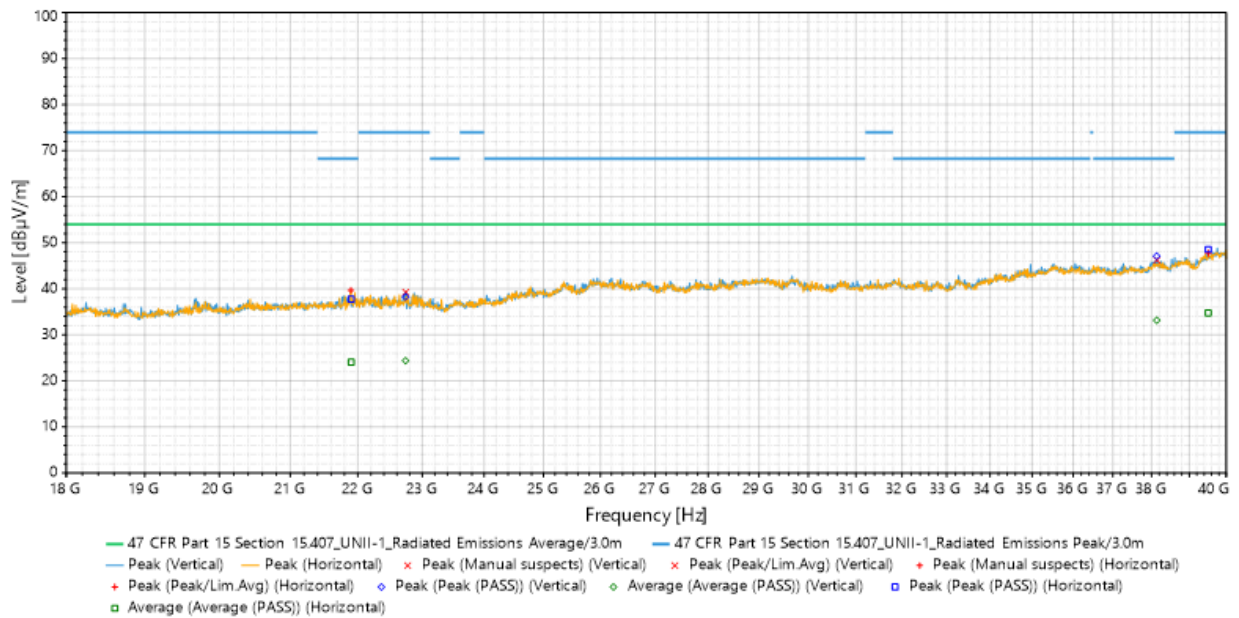


Figure 33. Radiated Spurious Emissions, WiFi 5GHz U-NII-1 802.11n HT20 MCS0 5200MHz RSE – (18 – 40 GHz) Plot

WiFi 5GHz U-NII-2A 802.11n HT20 MCS0 5260MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
133.988	QuasiPeak (PASS)	11.284	43.5	-32.216	3.053	171	Horizontal	120000	0.1	-9.248
250	QuasiPeak (PASS)	30.459	46	-15.541	1.626	316	Horizontal	120000	0.1	-8.876

Table 11. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (30 MHz – 1 GHz) Test Results

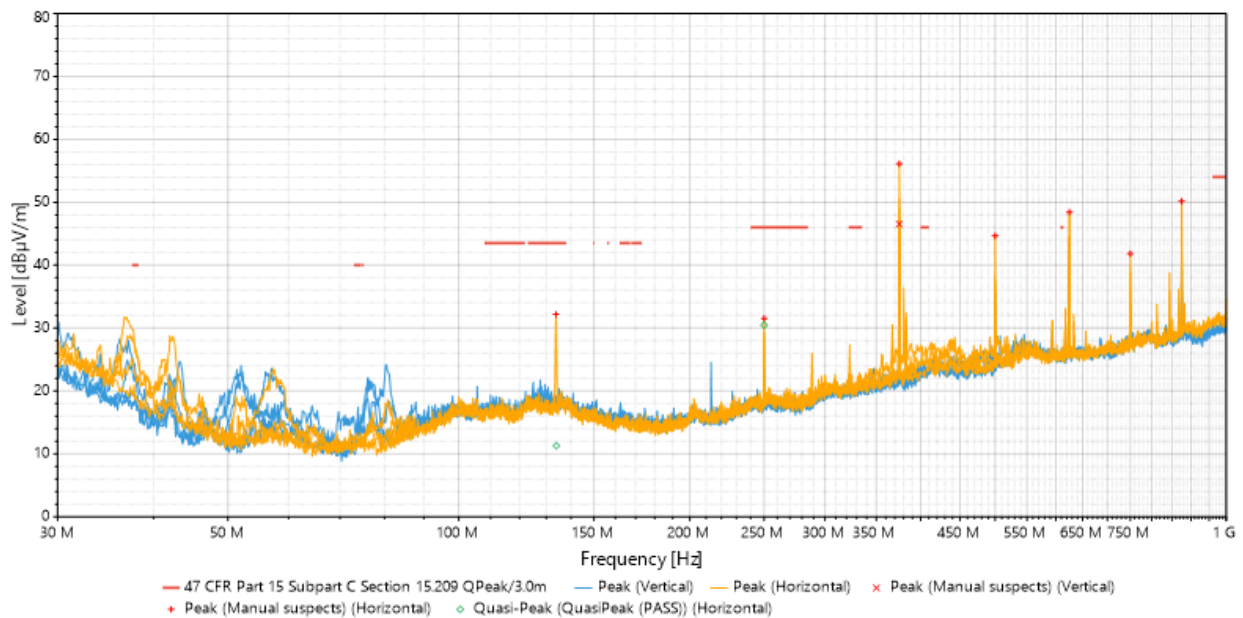


Figure 34. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (30 MHz – 1 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375.2	Peak (PASS)	48.272	74	-25.728	2.001	79	Horizontal	1000000	0.1	-4.203
1375.2	Average (PASS)	42.159	54	-11.841	2.001	79	Horizontal	1000000	0.1	-4.203
5823.7	Peak (PASS)	47.367	68.23	-20.863	2.891	-27	Vertical	1000000	0.1	3.602
5823.7	Average (PASS)	32.889	54	-21.111	2.891	-27	Vertical	1000000	0.1	3.602
5947.2	Peak (PASS)	47.205	68.23	-21.025	3.394	1	Horizontal	1000000	0.1	3.695
5947.2	Average (PASS)	33.102	54	-20.898	3.394	1	Horizontal	1000000	0.1	3.695
7013.3	Peak (PASS)	51.797	68.23	-16.433	1.398	271	Vertical	1000000	0.1	3.997
7013.3	Average (PASS)	44.86	54	-9.14	1.398	271	Vertical	1000000	0.1	3.997
15641	Peak (PASS)	55.202	74	-18.798	3.958	147	Vertical	1000000	0.1	7.701
15641	Average (PASS)	41.413	54	-12.587	3.958	147	Vertical	1000000	0.1	7.701
16898.5	Peak (PASS)	56.677	68.23	-11.553	4	232	Horizontal	1000000	0.1	6.721
16898.5	Average (PASS)	42.863	54	-11.137	4	232	Horizontal	1000000	0.1	6.721

Table 12. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (1 – 18 GHz)
Test Results

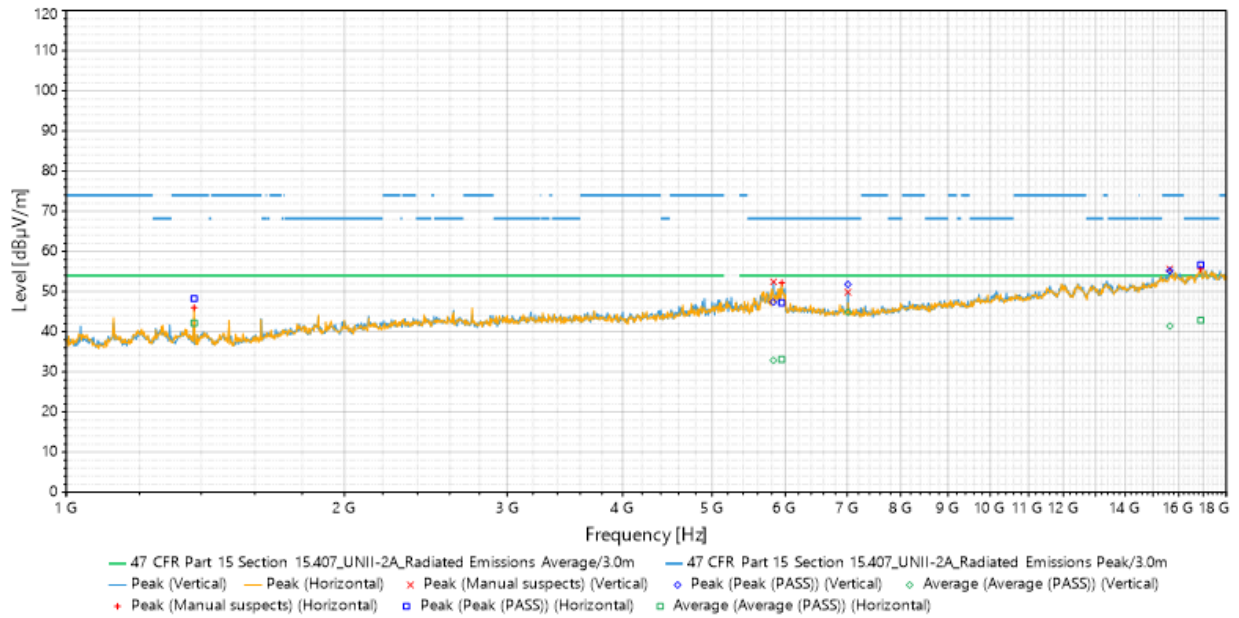


Figure 35. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (1 – 18 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
22842.5	Peak (PASS)	38.06	74	-35.94	2.826	7	Vertical	1000000	0.1	-1.448
22842.5	Average (PASS)	23.965	54	-30.035	2.826	7	Vertical	1000000	0.1	-1.448
22896	Peak (PASS)	37.218	74	-36.782	4	-23	Horizontal	1000000	0.1	-1.572
22896	Average (PASS)	23.765	54	-30.235	4	-23	Horizontal	1000000	0.1	-1.572
28748.8	Peak (PASS)	44.404	68.23	-23.826	1.971	138	Vertical	1000000	0.1	1.946
28748.8	Average (PASS)	29.521	54	-24.479	1.971	138	Vertical	1000000	0.1	1.946
29673.6	Peak (PASS)	43.668	68.23	-24.562	3.497	237	Horizontal	1000000	0.1	2.367
29673.6	Average (PASS)	29.806	54	-24.194	3.497	237	Horizontal	1000000	0.1	2.367
39609.3	Peak (PASS)	48.873	74	-25.127	2.121	299	Horizontal	1000000	0.1	5.306
39609.3	Average (PASS)	34.895	54	-19.105	2.121	299	Horizontal	1000000	0.1	5.306
39612.5	Peak (PASS)	48.554	74	-25.446	2.434	98	Vertical	1000000	0.1	5.266
39612.5	Average (PASS)	34.777	54	-19.223	2.434	98	Vertical	1000000	0.1	5.266

**Table 13. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (18 – 40 GHz)
Test Results**

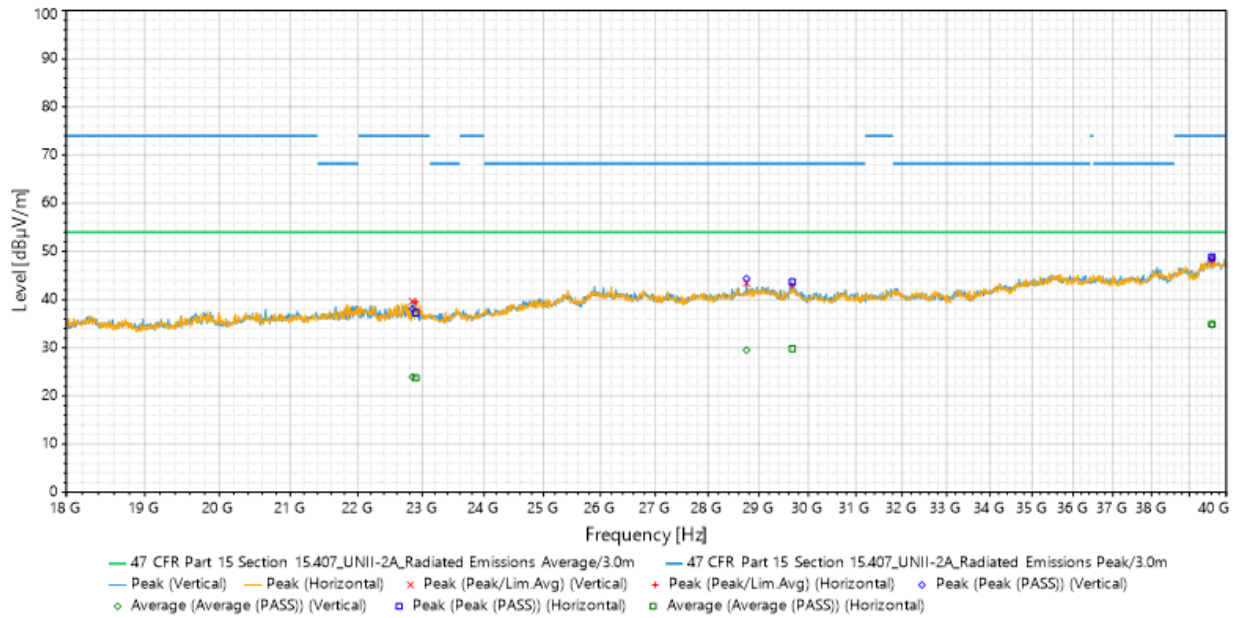


Figure 36. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (18 – 40 GHz) Plot

WiFi 5GHz U-NII-2A 802.11n HT20 MCS0 5260MHz External Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
249.994	QuasiPeak (PASS)	13.568	46	-32.432	3.18	334	Horizontal	120000	0.1	-8.876

Table 14. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (30 MHz – 1 GHz) Test Results

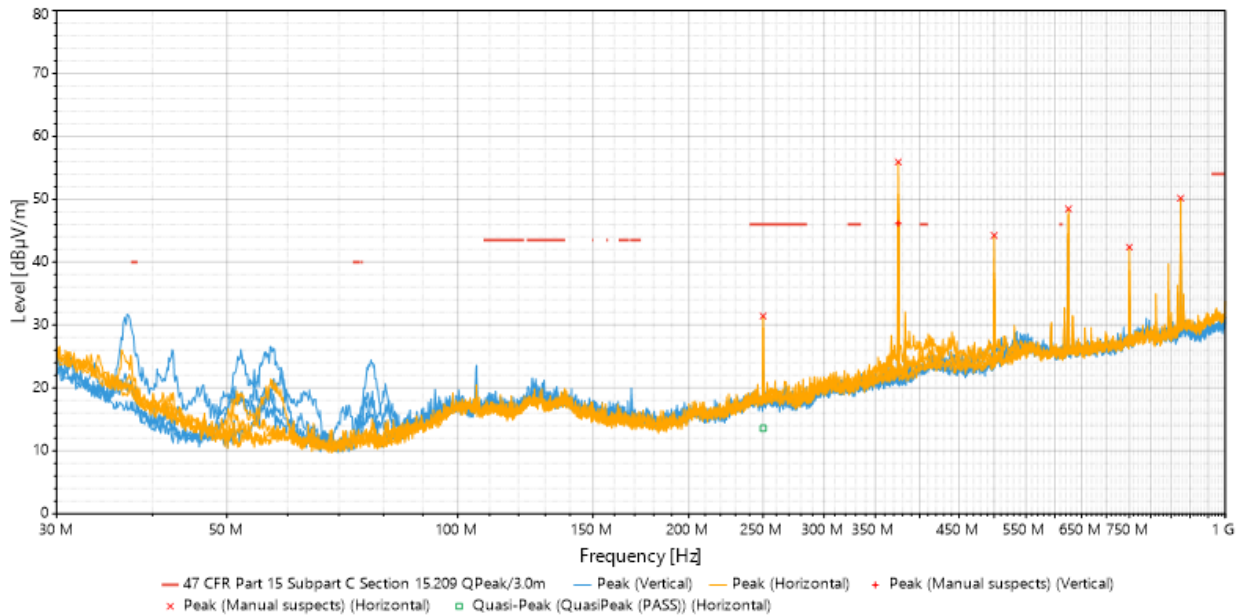


Figure 37. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (30 MHz – 1 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375	Peak (PASS)	48.171	74	-25.829	1.521	74	Horizontal	1000000	0.1	-4.203
1375	Average (PASS)	42.131	54	-11.869	1.521	74	Horizontal	1000000	0.1	-4.203
7013.2	Peak (PASS)	53.125	68.23	-15.105	1.517	275	Vertical	1000000	0.1	3.997
7013.2	Average (PASS)	47.941	54	-6.059	1.517	275	Vertical	1000000	0.1	3.997
7013.4	Peak (PASS)	52.522	68.23	-15.708	2.779	-30	Horizontal	1000000	0.1	3.913
7013.4	Average (PASS)	46.66	54	-7.34	2.779	-30	Horizontal	1000000	0.1	3.913
11974.2	Peak (PASS)	52.883	74	-21.117	2.446	-30	Vertical	1000000	0.1	6.239
11974.2	Average (PASS)	38.666	54	-15.334	2.446	-30	Vertical	1000000	0.1	6.239
16878.9	Peak (PASS)	56.309	68.23	-11.921	3.224	225	Vertical	1000000	0.1	6.821
16878.9	Average (PASS)	42.822	54	-11.178	3.224	225	Vertical	1000000	0.1	6.821
16908.6	Peak (PASS)	56.968	68.23	-11.262	3.377	13	Horizontal	1000000	0.1	6.704
16908.6	Average (PASS)	42.587	54	-11.413	3.377	13	Horizontal	1000000	0.1	6.704

**Table 15. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (1 – 18 GHz)
Test Results**

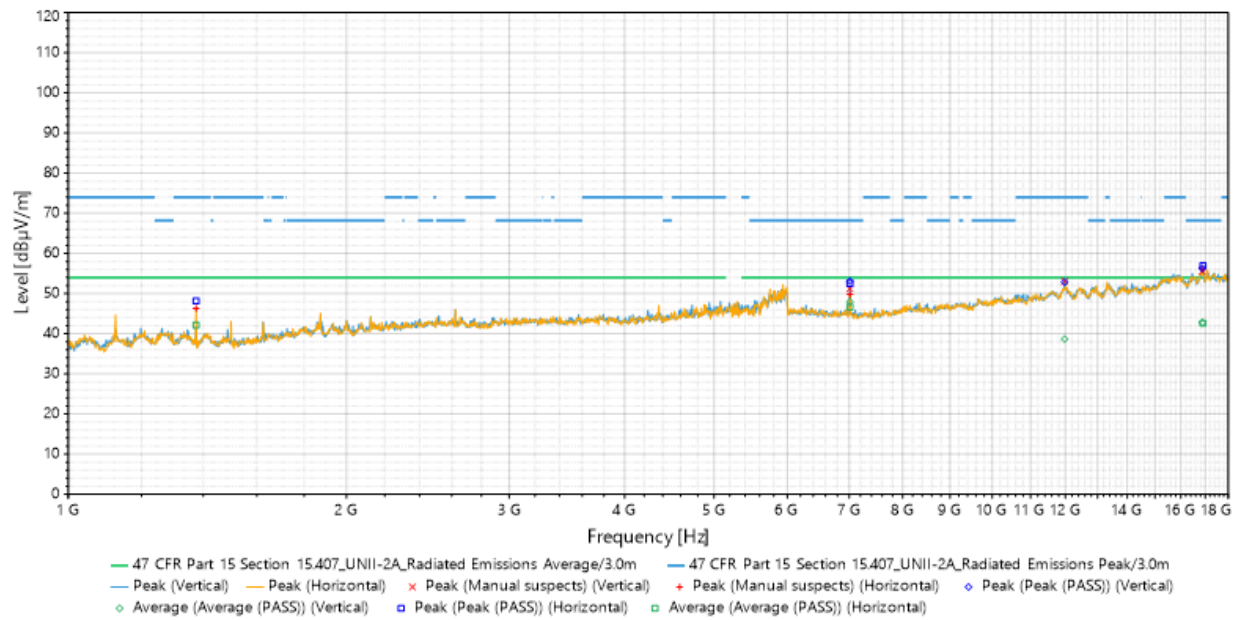


Figure 38. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (1 – 18 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
21889.2	Peak (PASS)	37.945	68.23	-30.285	1.41	-5	Horizontal	1000000	0.1	-1.497
21889.2	Average (PASS)	24.043	54	-29.957	1.41	-5	Horizontal	1000000	0.1	-1.497
25411.6	Peak (PASS)	42.098	68.23	-26.132	1.857	248	Vertical	1000000	0.1	-0.609
25411.6	Average (PASS)	28.501	54	-25.499	1.857	248	Vertical	1000000	0.1	-0.609
34820.5	Peak (PASS)	45.253	68.23	-22.977	2.474	44	Horizontal	1000000	0.1	1.537
34820.5	Average (PASS)	31.074	54	-22.926	2.474	44	Horizontal	1000000	0.1	1.537
39894.5	Peak (PASS)	49.004	74	-24.996	1.066	25	Vertical	1000000	0.1	5.665
39894.5	Average (PASS)	35.029	54	-18.971	1.066	25	Vertical	1000000	0.1	5.665

Table 16. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (18 – 40 GHz) Test Results

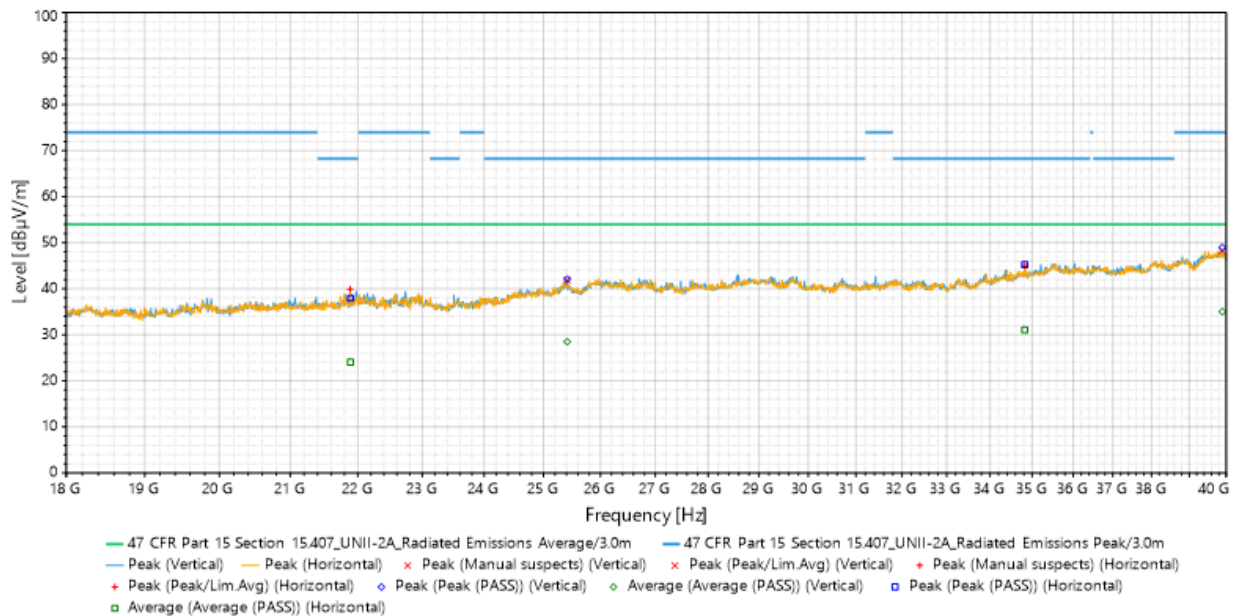


Figure 39. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5260MHz RSE – (18 – 40 GHz) Plot

WiFi 5GHz U-NII-2A 802.11a 6Mbps 5320MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
5351.040488	Peak (PASS)	70.255	74	-3.745	1.623	251	Vertical	1000000	0.1	40.775
5351.040488	Average (PASS)	49.57	54	-4.43	1.623	251	Vertical	1000000	0.1	40.775
5352.479507	Peak (PASS)	65.26	74	-8.74	2.425	306	Horizontal	1000000	0.1	40.438
5352.479507	Average (PASS)	48.354	54	-5.646	2.425	306	Horizontal	1000000	0.1	40.438
5357.11996	Peak (PASS)	64.255	74	-9.745	1.164	1	Vertical	1000000	0.1	40.777
5357.11996	Average (PASS)	48.459	54	-5.541	1.164	1	Vertical	1000000	0.1	40.777
5359.199675	Peak (PASS)	63.454	74	-10.546	1.397	-17	Horizontal	1000000	0.1	40.445
5359.199675	Average (PASS)	48.108	54	-5.892	1.397	-17	Horizontal	1000000	0.1	40.445
5387.359657	Peak (PASS)	63.8	74	-10.2	1.741	179	Vertical	1000000	0.1	40.786
5387.359657	Average (PASS)	48.603	54	-5.397	1.741	179	Vertical	1000000	0.1	40.786
5391.360275	Peak (PASS)	64.396	74	-9.604	2.796	315	Horizontal	1000000	0.1	40.48
5391.360275	Average (PASS)	48.312	54	-5.688	2.796	315	Horizontal	1000000	0.1	40.48

Table 17. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5320MHz RSE – Upper Band Edge Test Results

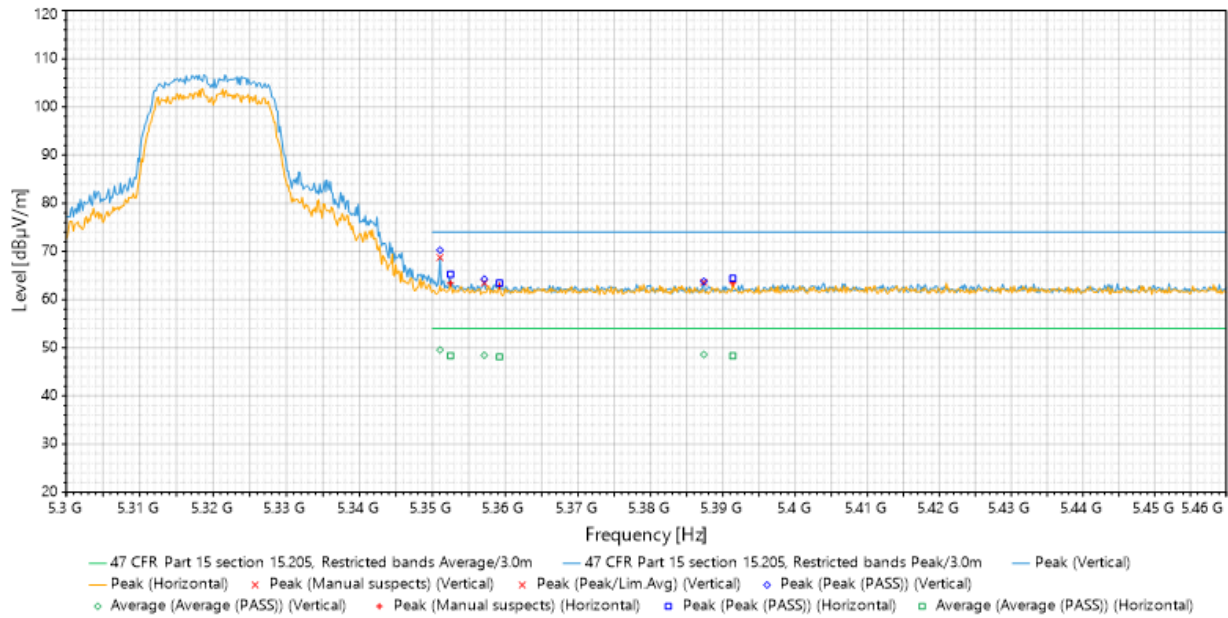


Figure 40. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5320MHz RSE – Upper Band Edge Plot

WiFi 5GHz U-NII-2A 802.11n HT20 MCS0 5320MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
5350.559682	Peak (PASS)	69.574	74	-4.426	1.065	63	Horizontal	1000000	0.1	40.436
5350.559682	Average (PASS)	50.086	54	-3.914	1.065	63	Horizontal	1000000	0.1	40.436
5352.319736	Peak (PASS)	69.696	74	-4.304	1.745	244	Vertical	1000000	0.1	40.776
5352.319736	Average (PASS)	50.386	54	-3.614	1.745	244	Vertical	1000000	0.1	40.776
5355.519526	Peak (PASS)	67.531	74	-6.469	1.03	65	Horizontal	1000000	0.1	40.441
5355.519526	Average (PASS)	48.777	54	-5.223	1.03	65	Horizontal	1000000	0.1	40.441
5356.639819	Peak (PASS)	69.217	74	-4.783	1.97	225	Vertical	1000000	0.1	40.777
5356.639819	Average (PASS)	49.6	54	-4.4	1.97	225	Vertical	1000000	0.1	40.777
5361.12039	Peak (PASS)	64.592	74	-9.408	2.585	265	Vertical	1000000	0.1	40.778
5361.12039	Average (PASS)	48.444	54	-5.556	2.585	265	Vertical	1000000	0.1	40.778
5368.159587	Peak (PASS)	64.304	74	-9.696	2.701	201	Horizontal	1000000	0.1	40.455
5368.159587	Average (PASS)	48.147	54	-5.853	2.701	201	Horizontal	1000000	0.1	40.455

Table 18. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5320MHz RSE – Upper Band Edge Test Results

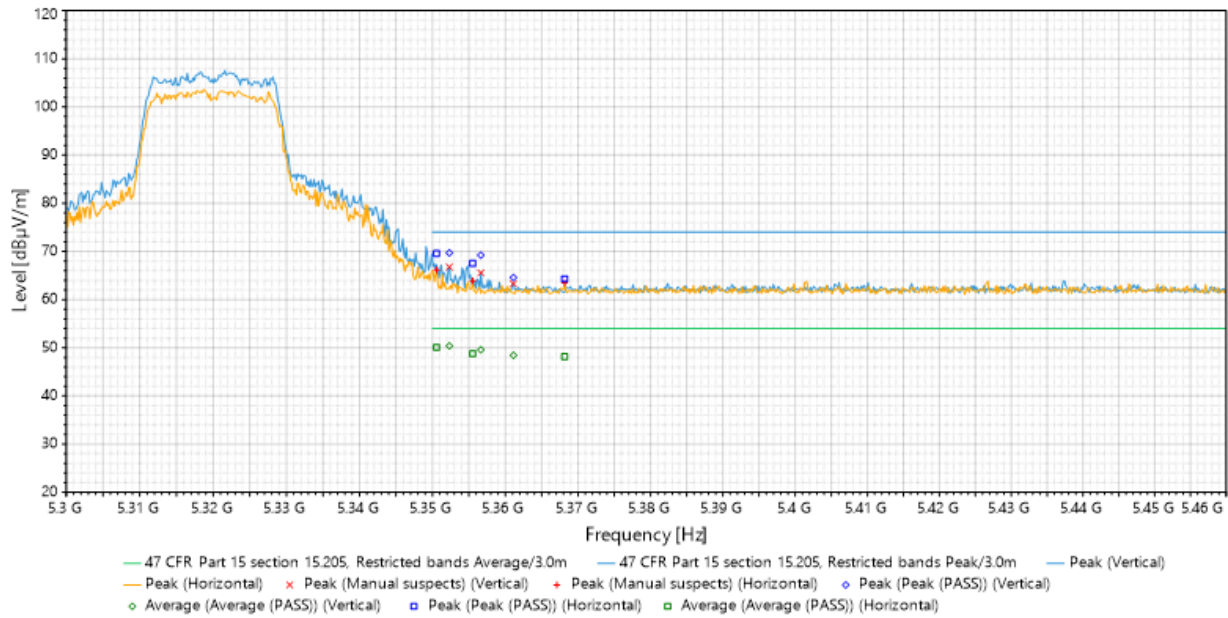


Figure 41. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11a 6Mbps 5320MHz RSE – Upper Band Edge Plot

WiFi 5GHz U-NII-2A 802.11n HT20 MCS0 5320MHz External Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
5351.04014	Peak (PASS)	63.482	74	-10.518	2.078	174	Horizontal	1000000	0.1	40.436
5351.04014	Average (PASS)	48.116	54	-5.884	2.078	174	Horizontal	1000000	0.1	40.436
5351.520436	Peak (PASS)	63.763	74	-10.237	2.314	331	Vertical	1000000	0.1	40.775
5351.520436	Average (PASS)	48.436	54	-5.564	2.314	331	Vertical	1000000	0.1	40.775
5354.880179	Peak (PASS)	66.307	74	-7.693	1.03	357	Vertical	1000000	0.1	40.776
5354.880179	Average (PASS)	48.793	54	-5.207	1.03	357	Vertical	1000000	0.1	40.776
5356.000232	Peak (PASS)	64.911	74	-9.089	1.03	-1	Vertical	1000000	0.1	40.777
5356.000232	Average (PASS)	48.717	54	-5.283	1.03	-1	Vertical	1000000	0.1	40.777
5358.559692	Peak (PASS)	63.485	74	-10.515	2.333	351	Horizontal	1000000	0.1	40.444
5358.559692	Average (PASS)	48.1	54	-5.9	2.333	351	Horizontal	1000000	0.1	40.444
5364.640028	Peak (PASS)	63.906	74	-10.094	1.859	255	Horizontal	1000000	0.1	40.451
5364.640028	Average (PASS)	48.153	54	-5.847	1.859	255	Horizontal	1000000	0.1	40.451

Table 19. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11n HT20 MCS0 5320MHz RSE – Upper Band Edge Test Results

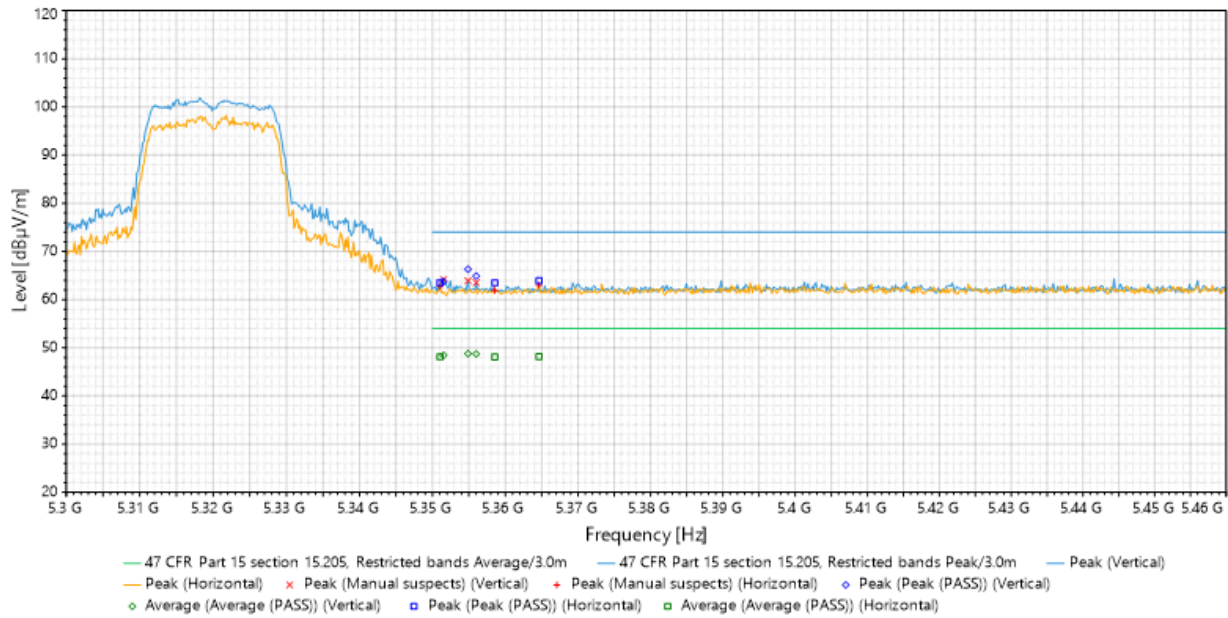


Figure 42. Radiated Spurious Emissions, WiFi 5GHz U-NII-2A 802.11n HT20 MCS0 5320MHz RSE – Upper Band Edge Plot

WiFi 5GHz U-NII-2C 802.11a 6Mbps 5500MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
5452.34025	Peak (PASS)	63.278	74	-10.722	3.247	15	Horizontal	1000000	0.1	40.516
5452.34025	Average (PASS)	48.369	54	-5.631	3.247	15	Horizontal	1000000	0.1	40.516
5453.530253	Peak (PASS)	65.561	74	-8.439	1.733	232	Vertical	1000000	0.1	40.715
5453.530253	Average (PASS)	48.802	54	-5.198	1.733	232	Vertical	1000000	0.1	40.715
5455.740282	Peak (PASS)	63.52	74	-10.48	1.869	11	Horizontal	1000000	0.1	40.517
5455.740282	Average (PASS)	48.411	54	-5.589	1.869	11	Horizontal	1000000	0.1	40.517
5457.270101	Peak (PASS)	65.164	74	-8.836	1.623	174	Vertical	1000000	0.1	40.716
5457.270101	Average (PASS)	49.015	54	-4.985	1.623	174	Vertical	1000000	0.1	40.716
5458.290253	Peak (PASS)	63.547	74	-10.453	2.204	-14	Horizontal	1000000	0.1	40.517
5458.290253	Average (PASS)	48.456	54	-5.544	2.204	-14	Horizontal	1000000	0.1	40.517
5458.9702	Peak (PASS)	65.982	74	-8.018	1.742	246	Vertical	1000000	0.1	40.716
5458.9702	Average (PASS)	49.425	54	-4.575	1.742	246	Vertical	1000000	0.1	40.716

Table 20. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11a 6Mbps 5500MHz RSE – Lower Band Edge Test Results

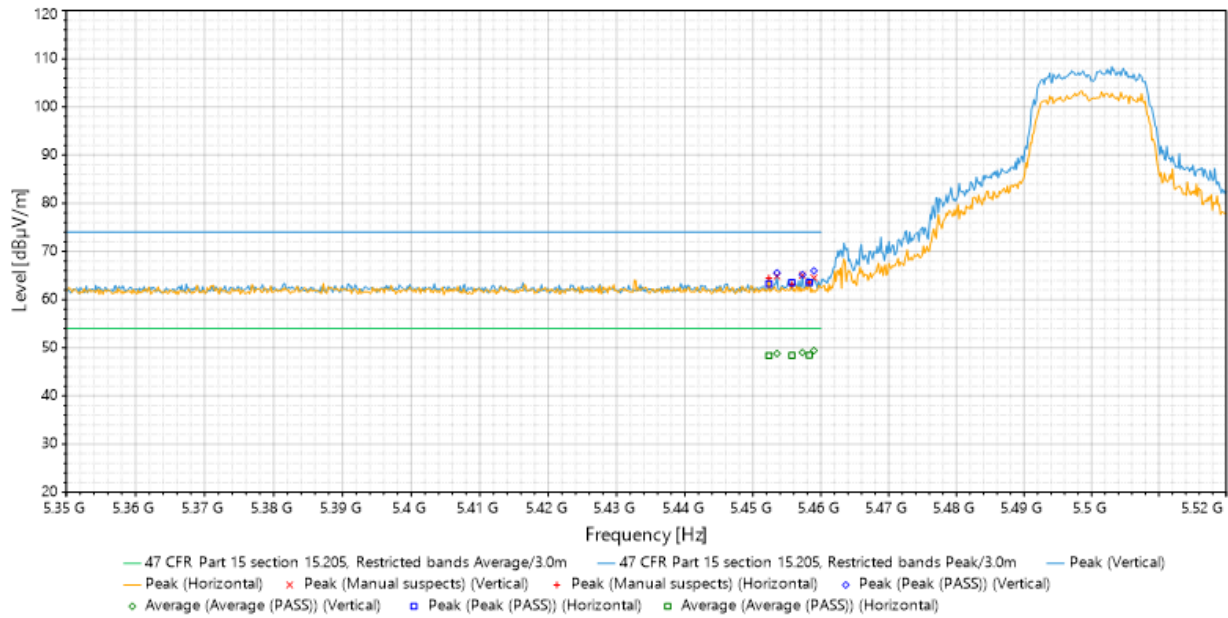


Figure 43. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11a 6Mbps 5500MHz RSE – Lower Band Edge Plot

WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
5452.679715	Peak (PASS)	63.749	74	-10.251	1.166	-17	Horizontal	1000000	0.1	40.516
5452.679715	Average (PASS)	48.418	54	-5.582	1.166	-17	Horizontal	1000000	0.1	40.516
5455.399775	Peak (PASS)	69.735	74	-4.265	1.168	163	Vertical	1000000	0.1	40.716
5455.399775	Average (PASS)	49.965	54	-4.035	1.168	163	Vertical	1000000	0.1	40.716
5455.400396	Peak (PASS)	65.806	74	-8.194	1.971	58	Horizontal	1000000	0.1	40.517
5455.400396	Average (PASS)	48.882	54	-5.118	1.971	58	Horizontal	1000000	0.1	40.517
5457.77968	Peak (PASS)	68.779	74	-5.221	1.509	266	Vertical	1000000	0.1	40.716
5457.77968	Average (PASS)	49.88	54	-4.12	1.509	266	Vertical	1000000	0.1	40.716
5457.779723	Peak (PASS)	65.085	74	-8.915	1.03	63	Horizontal	1000000	0.1	40.517
5457.779723	Average (PASS)	48.96	54	-5.04	1.03	63	Horizontal	1000000	0.1	40.517
5458.969923	Peak (PASS)	68.195	74	-5.805	1.619	243	Vertical	1000000	0.1	40.716
5458.969923	Average (PASS)	50.159	54	-3.841	1.619	243	Vertical	1000000	0.1	40.716

Table 21. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – Lower Band Edge Test Results

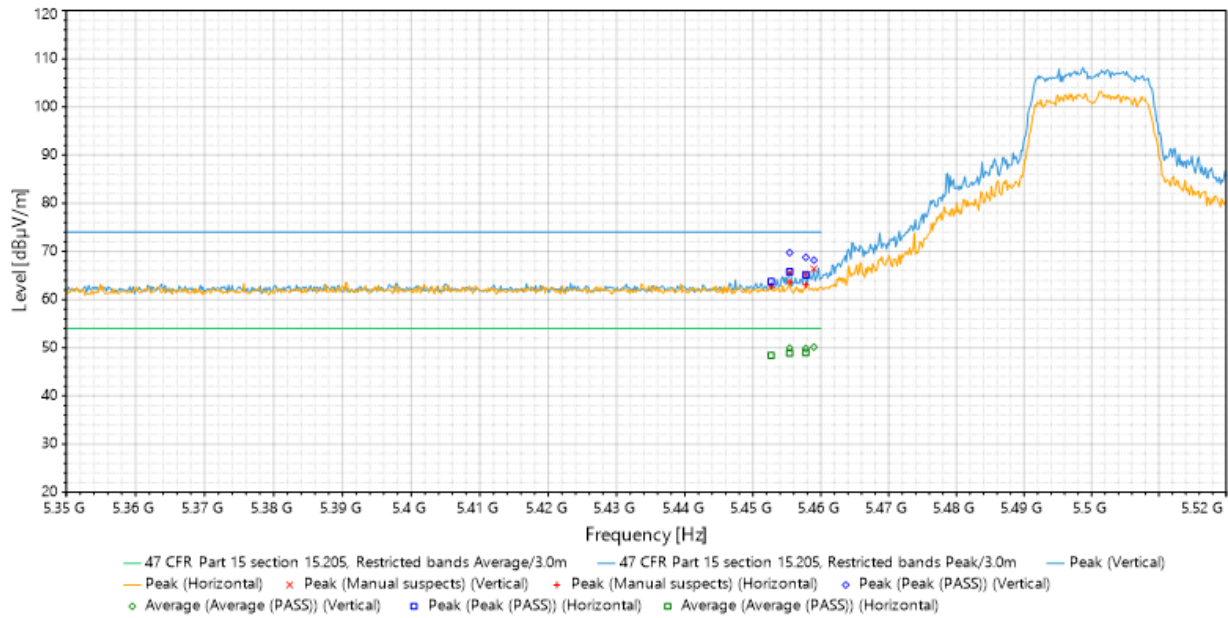


Figure 44. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – Lower Band Edge Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
37.73	QuasiPeak (PASS)	12.684	40	-27.316	1.414	210	Horizontal	120000	0.1	-8.44
249.976	QuasiPeak (PASS)	30.666	46	-15.334	1.514	328	Horizontal	120000	0.1	-8.877

Table 22. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (30 MHz – 1 GHz) Test Results

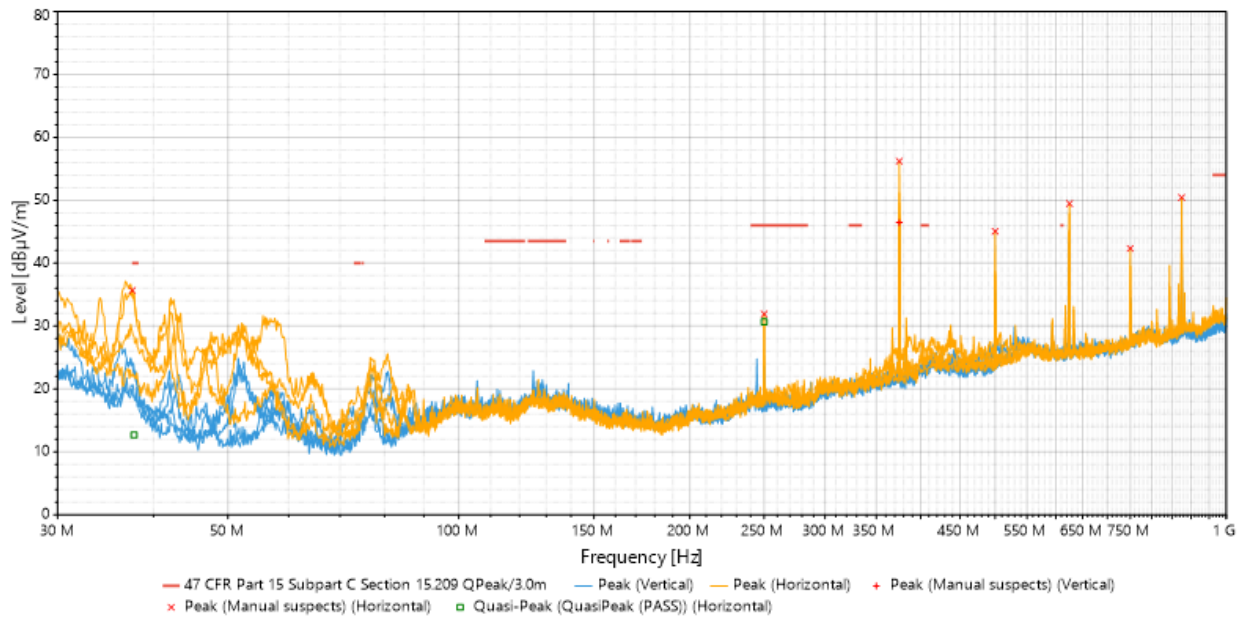


Figure 45. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (30 MHz – 1 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375.2	Peak (PASS)	47.712	74	-26.288	1.282	33	Horizontal	1000000	0.1	-4.203
1375.2	Average (PASS)	40.704	54	-13.296	1.282	33	Horizontal	1000000	0.1	-4.203
5912.2	Peak (PASS)	47.669	68.23	-20.561	1.164	28	Vertical	1000000	0.1	3.553
5912.2	Average (PASS)	33.12	54	-20.88	1.164	28	Vertical	1000000	0.1	3.553
5920.1	Peak (PASS)	47.104	68.23	-21.126	1.243	-11	Horizontal	1000000	0.1	3.595
5920.1	Average (PASS)	33.04	54	-20.96	1.243	-11	Horizontal	1000000	0.1	3.595
7333.3	Peak (PASS)	51.496	74	-22.504	1.514	276	Vertical	1000000	0.1	3.82
7333.3	Average (PASS)	45.041	54	-8.959	1.514	276	Vertical	1000000	0.1	3.82
17187.8	Peak (PASS)	54.961	68.23	-13.269	1.588	288	Horizontal	1000000	0.1	6.16
17187.8	Average (PASS)	41.224	54	-12.776	1.588	288	Horizontal	1000000	0.1	6.16
17305.7	Peak (PASS)	56.957	68.23	-11.273	3.695	1	Vertical	1000000	0.1	5.914
17305.7	Average (PASS)	43.056	54	-10.944	3.695	1	Vertical	1000000	0.1	5.914

Table 23. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (1 – 18 GHz) Test Results

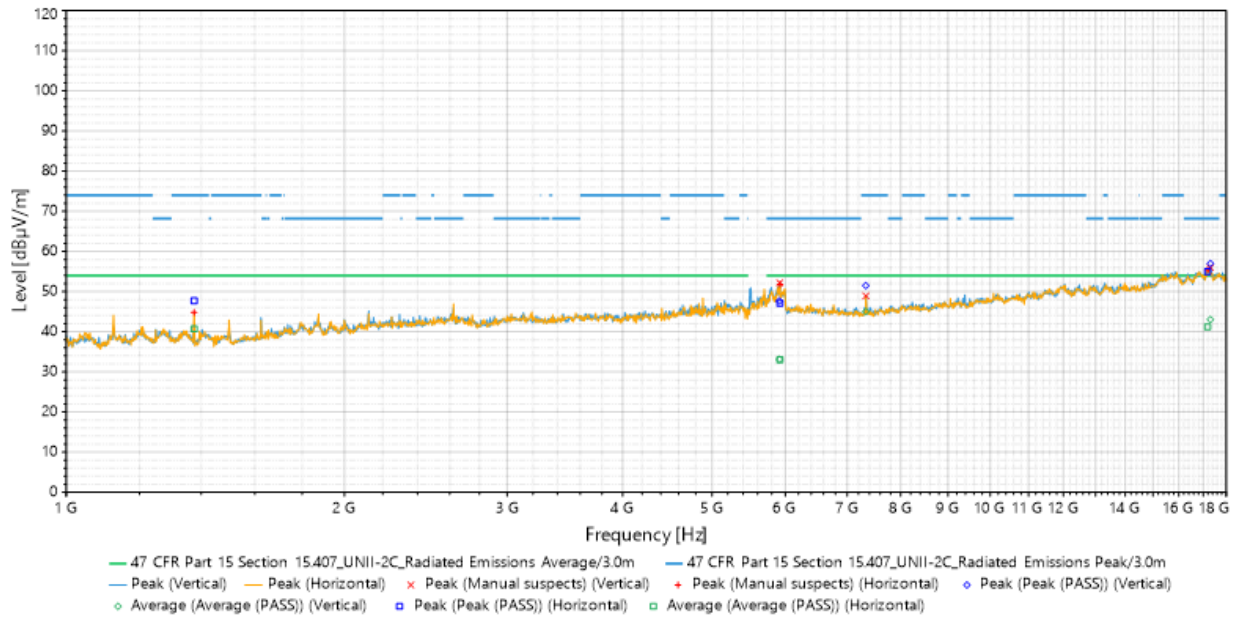


Figure 46. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (1 – 18 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375.2	Peak (PASS)	47.712	74	-26.288	1.282	33	Horizontal	1000000	0.1	-4.203
1375.2	Average (PASS)	40.704	54	-13.296	1.282	33	Horizontal	1000000	0.1	-4.203
5912.2	Peak (PASS)	47.669	68.23	-20.561	1.164	28	Vertical	1000000	0.1	3.553
5912.2	Average (PASS)	33.12	54	-20.88	1.164	28	Vertical	1000000	0.1	3.553
5920.1	Peak (PASS)	47.104	68.23	-21.126	1.243	-11	Horizontal	1000000	0.1	3.595
5920.1	Average (PASS)	33.04	54	-20.96	1.243	-11	Horizontal	1000000	0.1	3.595
7333.3	Peak (PASS)	51.496	74	-22.504	1.514	276	Vertical	1000000	0.1	3.82
7333.3	Average (PASS)	45.041	54	-8.959	1.514	276	Vertical	1000000	0.1	3.82
17187.8	Peak (PASS)	54.961	68.23	-13.269	1.588	288	Horizontal	1000000	0.1	6.16
17187.8	Average (PASS)	41.224	54	-12.776	1.588	288	Horizontal	1000000	0.1	6.16
17305.7	Peak (PASS)	56.957	68.23	-11.273	3.695	1	Vertical	1000000	0.1	5.914
17305.7	Average (PASS)	43.056	54	-10.944	3.695	1	Vertical	1000000	0.1	5.914

Table 24. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (18 – 40 GHz) Test Results

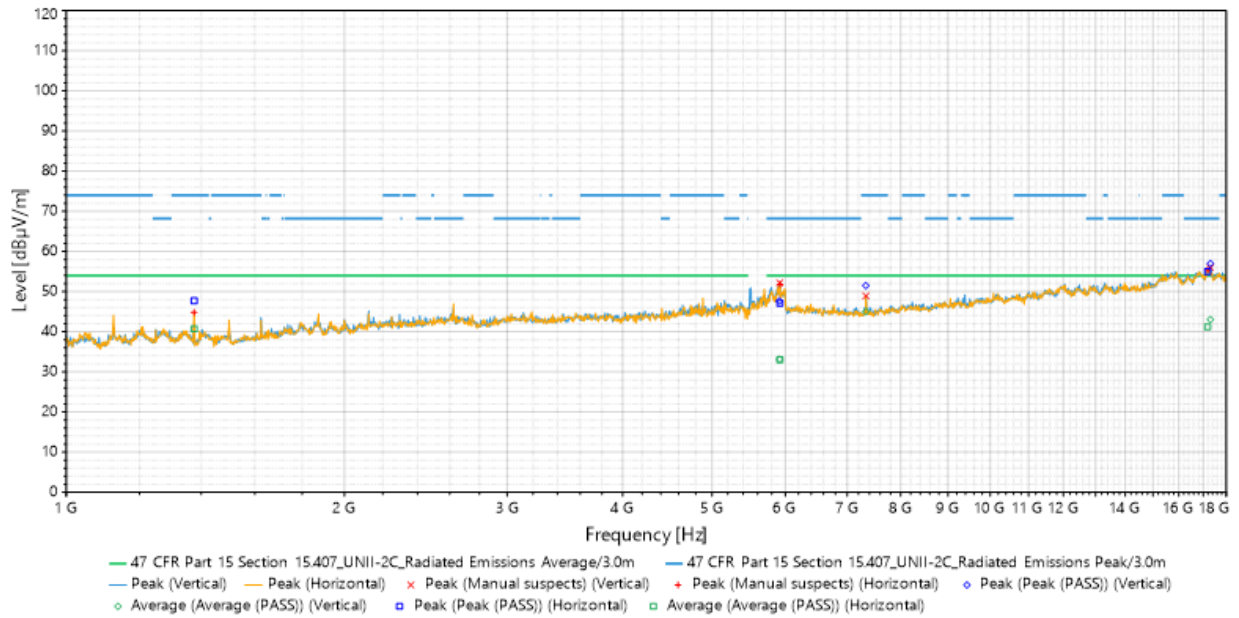


Figure 47. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (18 – 40 GHz) Plot

WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz External Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
5451.660269	Peak (PASS)	66.271	74	-7.729	1.063	-11	Vertical	1000000	0.1	40.715
5451.660269	Average (PASS)	49.037	54	-4.963	1.063	-11	Vertical	1000000	0.1	40.715
5453.359965	Peak (PASS)	64.088	74	-9.912	1.389	52	Horizontal	1000000	0.1	40.516
5453.359965	Average (PASS)	48.565	54	-5.435	1.389	52	Horizontal	1000000	0.1	40.516
5455.06034	Peak (PASS)	68.464	74	-5.536	1.279	350	Vertical	1000000	0.1	40.716
5455.06034	Average (PASS)	49.484	54	-4.516	1.279	350	Vertical	1000000	0.1	40.716
5456.759899	Peak (PASS)	65.41	74	-8.59	1.063	57	Horizontal	1000000	0.1	40.517
5456.759899	Average (PASS)	48.932	54	-5.068	1.063	57	Horizontal	1000000	0.1	40.517
5458.800372	Peak (PASS)	66.343	74	-7.657	1.062	57	Horizontal	1000000	0.1	40.518
5458.800372	Average (PASS)	49.126	54	-4.874	1.062	57	Horizontal	1000000	0.1	40.518
5458.969688	Peak (PASS)	69.305	74	-4.695	1.066	340	Vertical	1000000	0.1	40.716
5458.969688	Average (PASS)	50.397	54	-3.603	1.066	340	Vertical	1000000	0.1	40.716

Table 25. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – Lower Band Edge Test Results

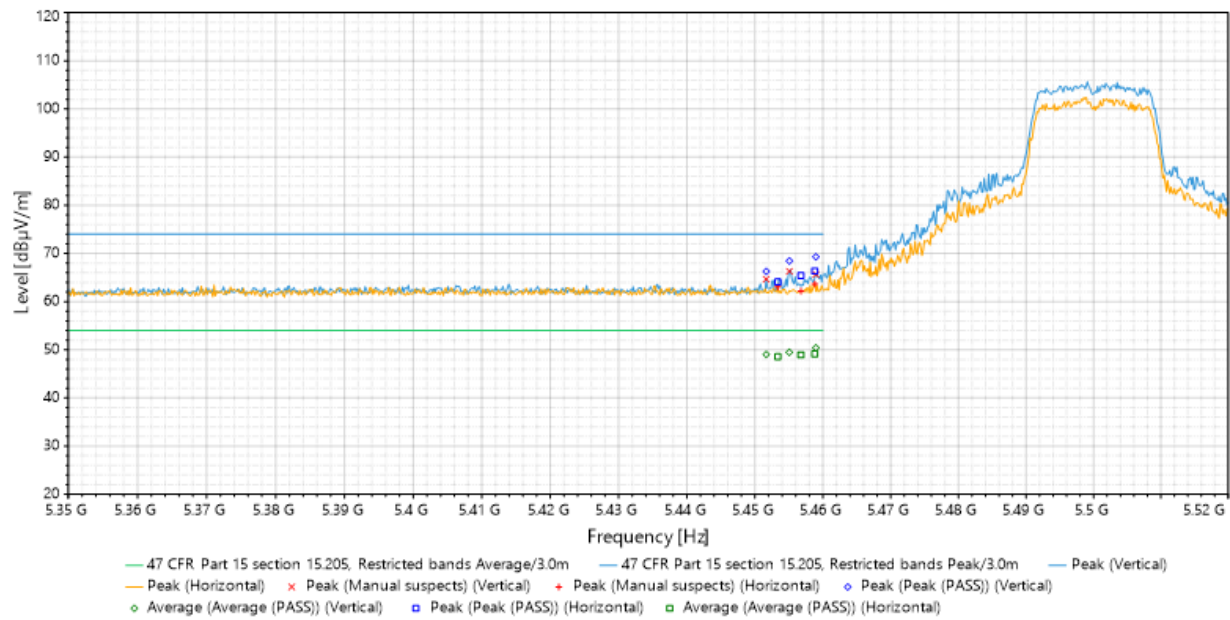


Figure 48. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – Lower Band Edge Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
37.54877	QuasiPeak (PASS)	30.538	40	-9.462	2.355	325	Horizontal	120000	0.1	-8.288
250.00141	QuasiPeak (PASS)	31.261	46	-14.739	1.504	164	Horizontal	120000	0.1	-8.876

Table 26. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (30 MHz – 1 GHz) Test Results

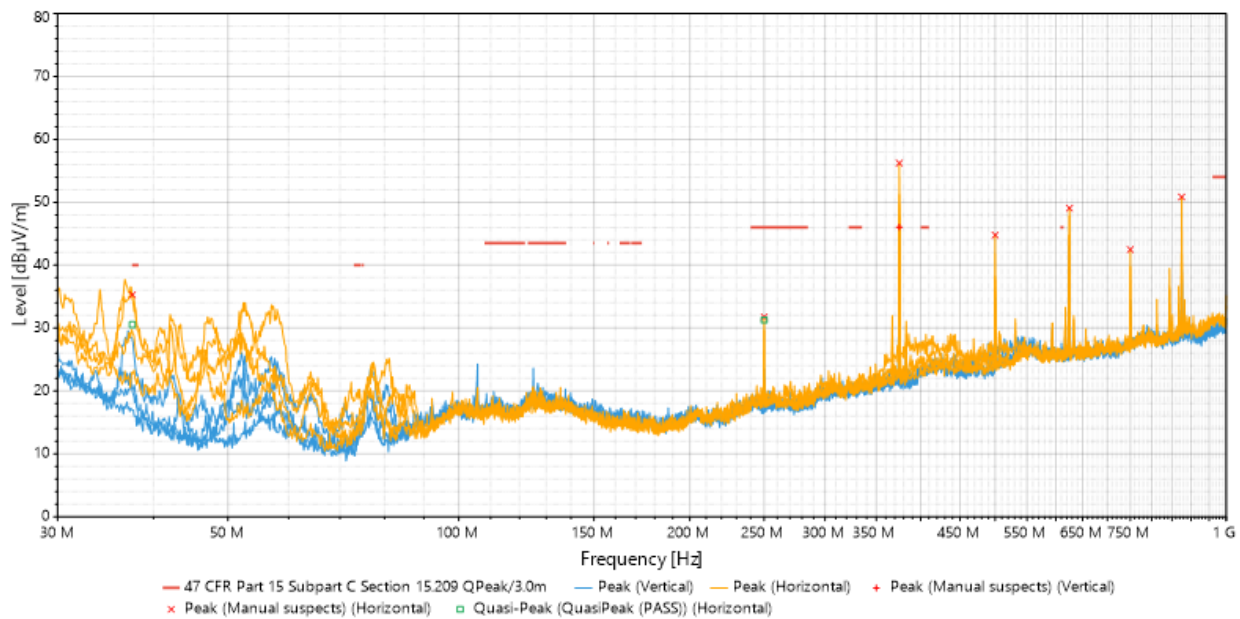


Figure 49. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (30 MHz – 1 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375	Peak (PASS)	47.893	74	-26.107	1.291	45	Horizontal	1000000	0.1	-4.203
1375	Average (PASS)	43.869	54	-10.131	1.291	45	Horizontal	1000000	0.1	-4.203
5108.2	Peak (PASS)	46.511	74	-27.489	3.139	19	Vertical	1000000	0.1	2.66
5108.2	Average (PASS)	32.487	54	-21.513	3.139	19	Vertical	1000000	0.1	2.66
7333.3	Peak (PASS)	56.775	74	-17.225	2.433	123	Vertical	1000000	0.1	3.82
7333.3	Average (PASS)	52.986	54	-1.014	2.433	123	Vertical	1000000	0.1	3.82
7333.4	Peak (PASS)	57.235	74	-16.765	2.439	334	Horizontal	1000000	0.1	3.733
7333.4	Average (PASS)	53.701	54	-0.299	2.439	334	Horizontal	1000000	0.1	3.733
15786.5	Peak (PASS)	54.134	74	-19.866	2.314	-17	Horizontal	1000000	0.1	7.361
15786.5	Average (PASS)	40.296	54	-13.704	2.314	-17	Horizontal	1000000	0.1	7.361
17218.3	Peak (PASS)	55.269	68.23	-12.961	3.001	153	Vertical	1000000	0.1	6.154
17218.3	Average (PASS)	41.376	54	-12.624	3.001	153	Vertical	1000000	0.1	6.154

Table 27. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (1 – 18 GHz) Test Results

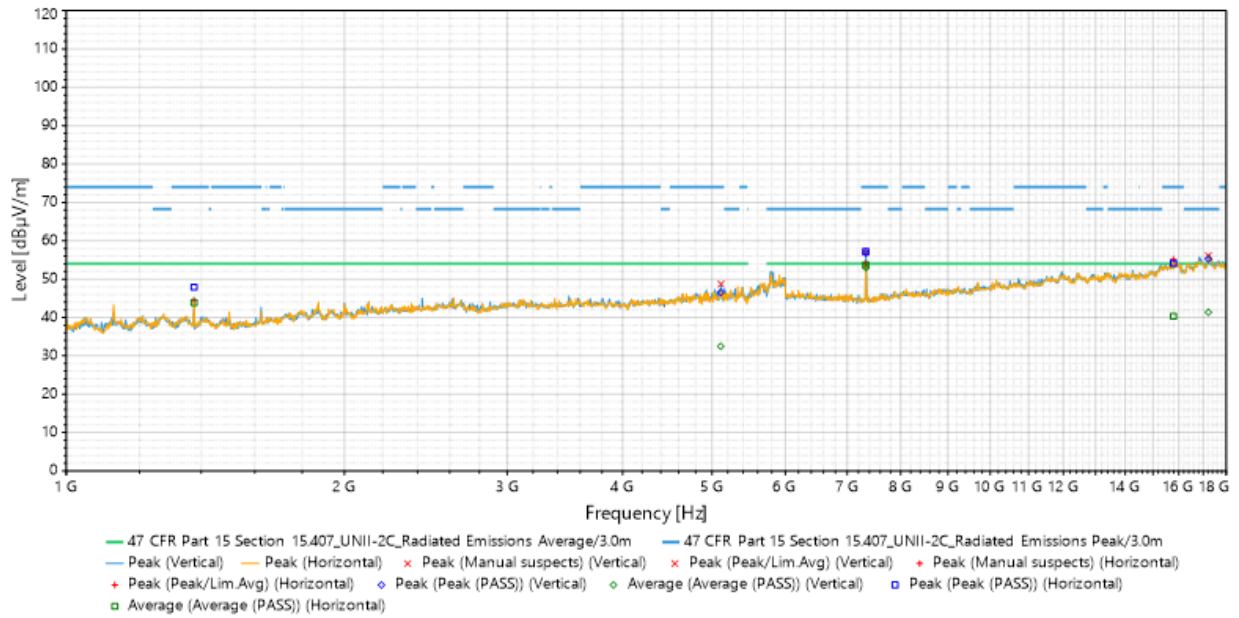


Figure 50. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (1 – 18 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
22726.3	Peak (PASS)	38.069	74	-35.931	3.416	30	Vertical	1000000	0.1	-1.453
22726.3	Average (PASS)	24.421	54	-29.579	3.416	30	Vertical	1000000	0.1	-1.453
29726.1	Peak (PASS)	43.467	68.23	-24.763	2.664	236	Horizontal	1000000	0.1	2.429
29726.1	Average (PASS)	29.627	54	-24.373	2.664	236	Horizontal	1000000	0.1	2.429
36699.8	Peak (PASS)	46.096	68.23	-22.134	3.469	44	Vertical	1000000	0.1	2.9
36699.8	Average (PASS)	32.227	54	-21.773	3.469	44	Vertical	1000000	0.1	2.9
39857	Peak (PASS)	48.912	74	-25.088	3.7	331	Horizontal	1000000	0.1	5.57
39857	Average (PASS)	34.952	54	-19.048	3.7	331	Horizontal	1000000	0.1	5.57

Table 28. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (18 – 40 GHz) Test Results

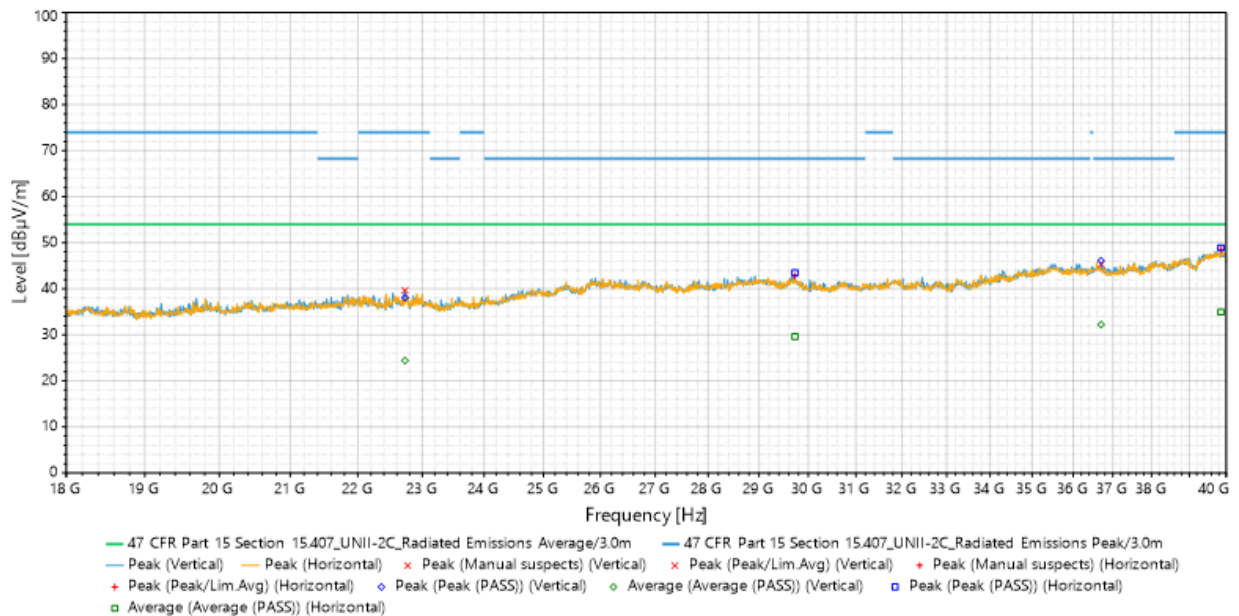


Figure 51. Radiated Spurious Emissions, WiFi 5GHz U-NII-2C 802.11n HT20 MCS0 5500MHz RSE – (18 – 40 GHz) Plot

WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz Internal Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
249.994	QuasiPeak (PASS)	30.312	46	-15.688	1.643	161	Horizontal	120000	0.1	-8.876

Table 29. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (30 MHz – 1 GHz) Test Results

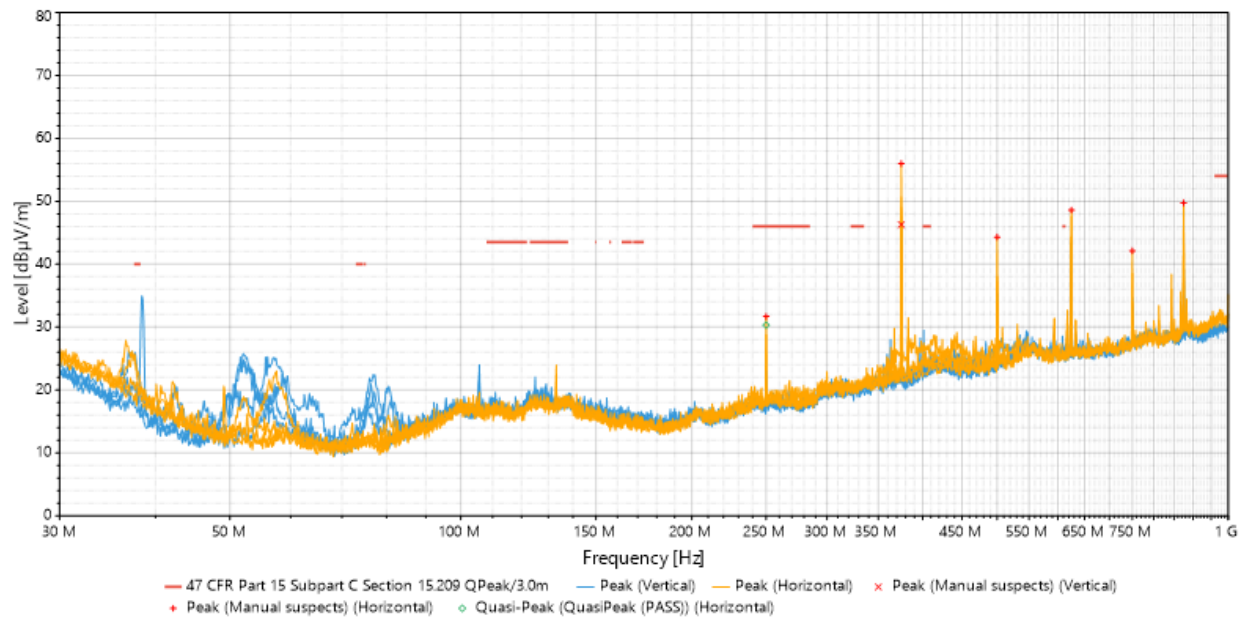


Figure 52. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (30 MHz – 1 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375	Peak (PASS)	48.743	74	-25.257	1.512	102	Horizontal	1000000	0.1	-4.203
1375	Average (PASS)	42.283	54	-11.717	1.512	102	Horizontal	1000000	0.1	-4.203
2125	Peak (PASS)	48.8	68.23	-19.43	1.062	301	Vertical	1000000	0.1	-0.913
2125	Average (PASS)	41.726	54	-12.274	1.062	301	Vertical	1000000	0.1	-0.913
2624.9	Peak (PASS)	49.838	68.23	-18.392	1.03	252	Vertical	1000000	0.1	0.057
2624.9	Average (PASS)	41.923	54	-12.077	1.03	252	Vertical	1000000	0.1	0.057
2625.1	Peak (PASS)	48.714	68.23	-19.516	1.619	155	Horizontal	1000000	0.1	0.018
2625.1	Average (PASS)	39.941	54	-14.059	1.619	155	Horizontal	1000000	0.1	0.018
15834.7	Peak (PASS)	55.247	74	-18.753	1.743	255	Vertical	1000000	0.1	7.534
15834.7	Average (PASS)	41.676	54	-12.324	1.743	255	Vertical	1000000	0.1	7.534
16795.4	Peak (PASS)	55.209	68.23	-13.021	2.894	13	Horizontal	1000000	0.1	6.697
16795.4	Average (PASS)	41.651	54	-12.349	2.894	13	Horizontal	1000000	0.1	6.697

Table 30. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (1 – 18 GHz) Test Results

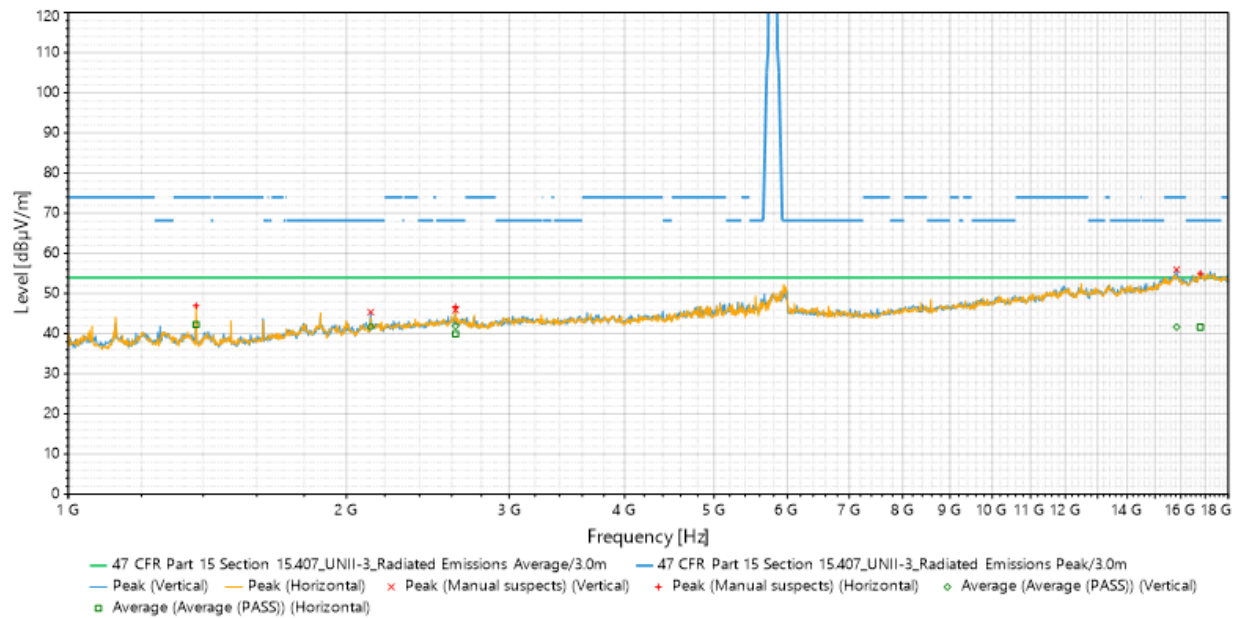


Figure 53. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (1 – 18 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
21759.1	Peak (PASS)	38.007	68.23	-30.223	3.741	28	Horizontal	1000000	0.1	-1.615
21759.1	Average (PASS)	24.398	54	-29.602	3.741	28	Horizontal	1000000	0.1	-1.615
29187.2	Peak (PASS)	43.373	68.23	-24.857	3.244	-11	Vertical	1000000	0.1	2.349
29187.2	Average (PASS)	29.8	54	-24.2	3.244	-11	Vertical	1000000	0.1	2.349
35511.7	Peak (PASS)	46.037	68.23	-22.193	1.064	-23	Horizontal	1000000	0.1	2.646
35511.7	Average (PASS)	32.412	54	-21.588	1.064	-23	Horizontal	1000000	0.1	2.646
39646.9	Peak (PASS)	48.921	74	-25.079	2.446	1	Vertical	1000000	0.1	5.374
39646.9	Average (PASS)	34.979	54	-19.021	2.446	1	Vertical	1000000	0.1	5.374

Table 31. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (18 – 40 GHz) Test Results

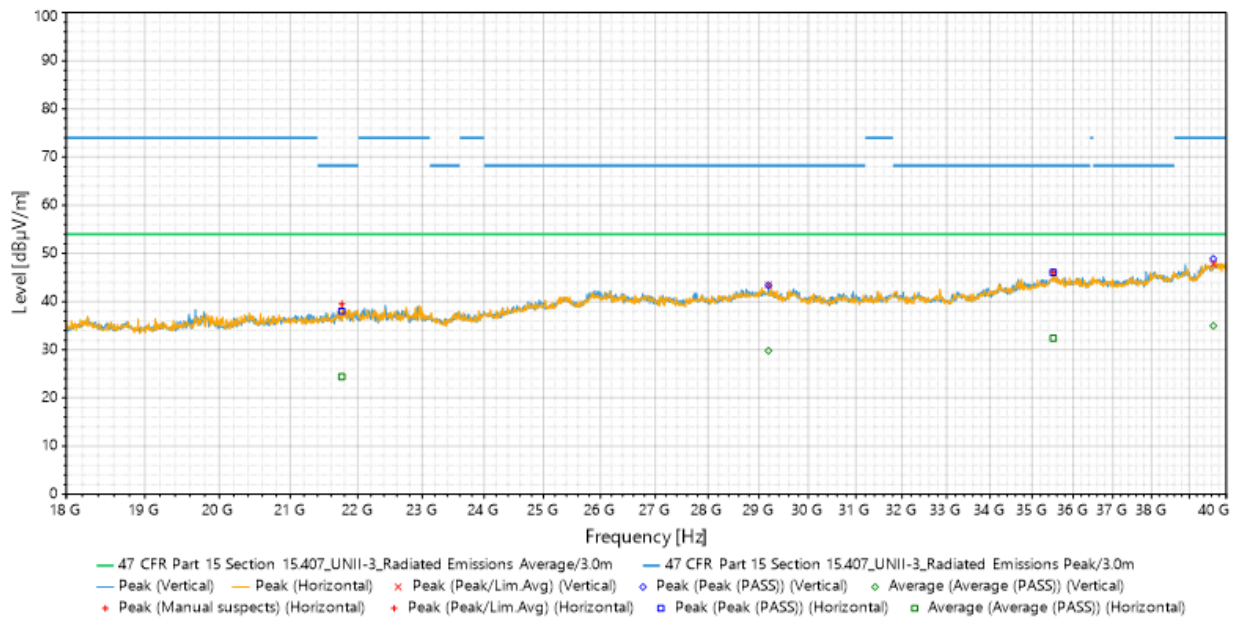


Figure 54. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (18 – 40 GHz) Plot

WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz External Antenna

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
37.55099	QuasiPeak (PASS)	12.273	40	-27.727	3.111	300	Vertical	120000	0.1	-11.162
119.3994	QuasiPeak (PASS)	10.991	43.5	-32.509	3.506	78	Vertical	120000	0.1	-9.951
250.0006	QuasiPeak (PASS)	31.92	46	-14.08	1.512	322	Horizontal	120000	0.1	-8.876

Table 32. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (30 MHz – 1 GHz) Test Results

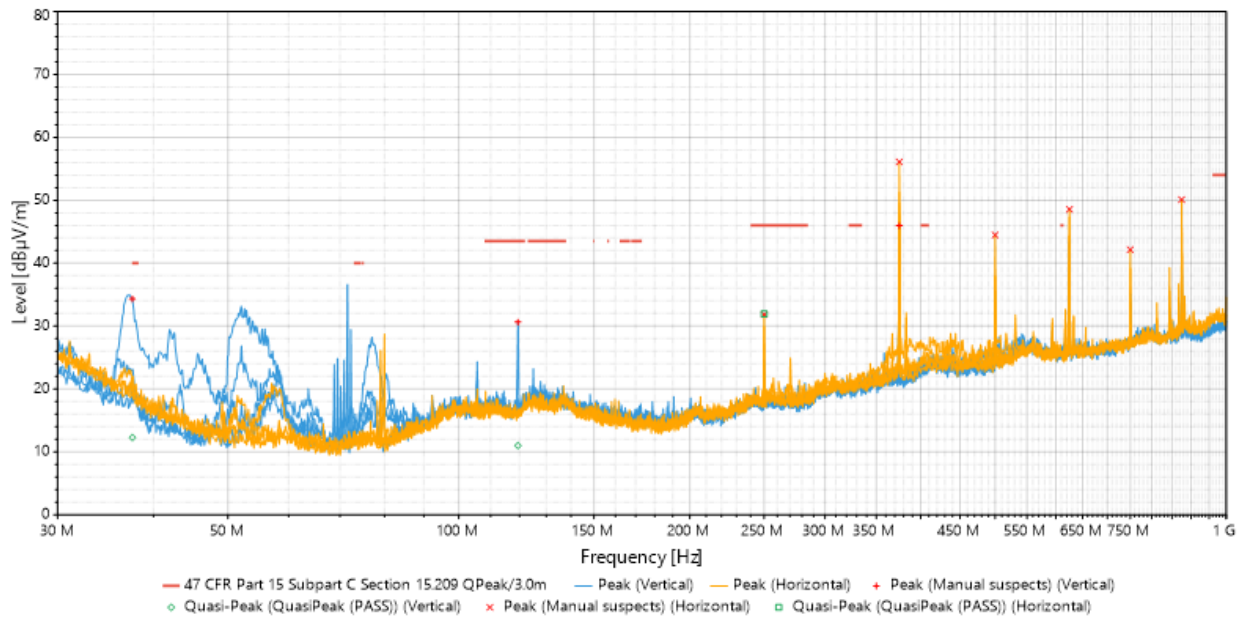


Figure 55. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (30 MHz – 1 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375	Peak (PASS)	48.491	74	-25.509	1.504	105	Horizontal	1000000	0.1	-4.203
1375	Average (PASS)	41.832	54	-12.168	1.504	105	Horizontal	1000000	0.1	-4.203
2624.9	Peak (PASS)	48.201	68.23	-20.029	1.398	228	Vertical	1000000	0.1	0.057
2624.9	Average (PASS)	39.241	54	-14.759	1.398	228	Vertical	1000000	0.1	0.057
5920.5	Peak (PASS)	46.83	71.547	-24.717	1.063	-27	Vertical	1000000	0.1	3.575
5920.5	Average (PASS)	32.386	54	-21.614	1.063	-27	Vertical	1000000	0.1	3.575
5994.5	Peak (PASS)	47.772	68.23	-20.458	3.963	28	Horizontal	1000000	0.1	3.879
5994.5	Average (PASS)	33.605	54	-20.395	3.963	28	Horizontal	1000000	0.1	3.879
16861.2	Peak (PASS)	56.668	68.23	-11.562	1.525	105	Horizontal	1000000	0.1	6.758
16861.2	Average (PASS)	42.437	54	-11.563	1.525	105	Horizontal	1000000	0.1	6.758
17695.4	Peak (PASS)	54.722	68.23	-13.508	1.971	284	Vertical	1000000	0.1	4.955
17695.4	Average (PASS)	40.598	54	-13.402	1.971	284	Vertical	1000000	0.1	4.955

Table 33. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (1 – 18 GHz) Test Results

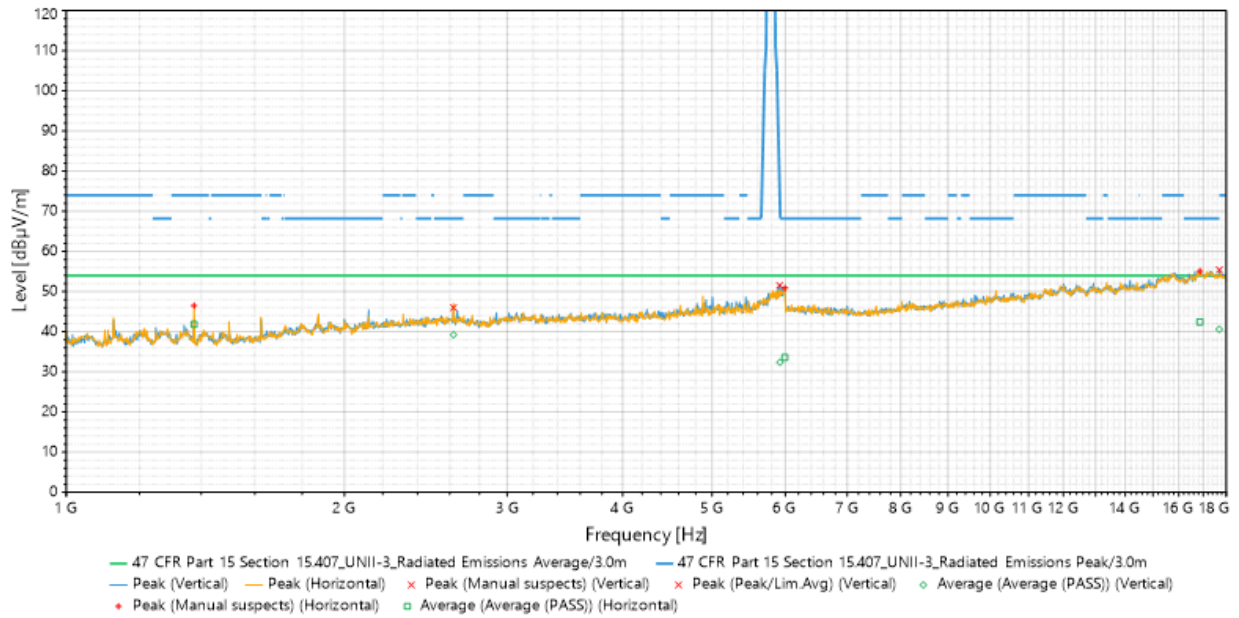


Figure 56. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (1 – 18 GHz) Plot

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
21799.3	Peak (PASS)	37.931	68.23	-30.299	1.881	-30	Vertical	1000000	0.1	-1.496
21799.3	Average (PASS)	24.397	54	-29.603	1.881	-30	Vertical	1000000	0.1	-1.496
21984	Peak (PASS)	37.818	68.23	-30.412	2.791	7	Horizontal	1000000	0.1	-1.559
21984	Average (PASS)	24.298	54	-29.702	2.791	7	Horizontal	1000000	0.1	-1.559
29673.3	Peak (PASS)	43.572	68.23	-24.658	1.513	335	Vertical	1000000	0.1	2.404
29673.3	Average (PASS)	29.832	54	-24.168	1.513	335	Vertical	1000000	0.1	2.404
38849.1	Peak (PASS)	47.314	74	-26.686	1.526	69	Horizontal	1000000	0.1	3.805
38849.1	Average (PASS)	33.676	54	-20.324	1.526	69	Horizontal	1000000	0.1	3.805
39475.1	Peak (PASS)	49.193	74	-24.807	3.609	152	Vertical	1000000	0.1	5.254
39475.1	Average (PASS)	34.916	54	-19.084	3.609	152	Vertical	1000000	0.1	5.254

Table 34. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (18 – 40 GHz) Test Results

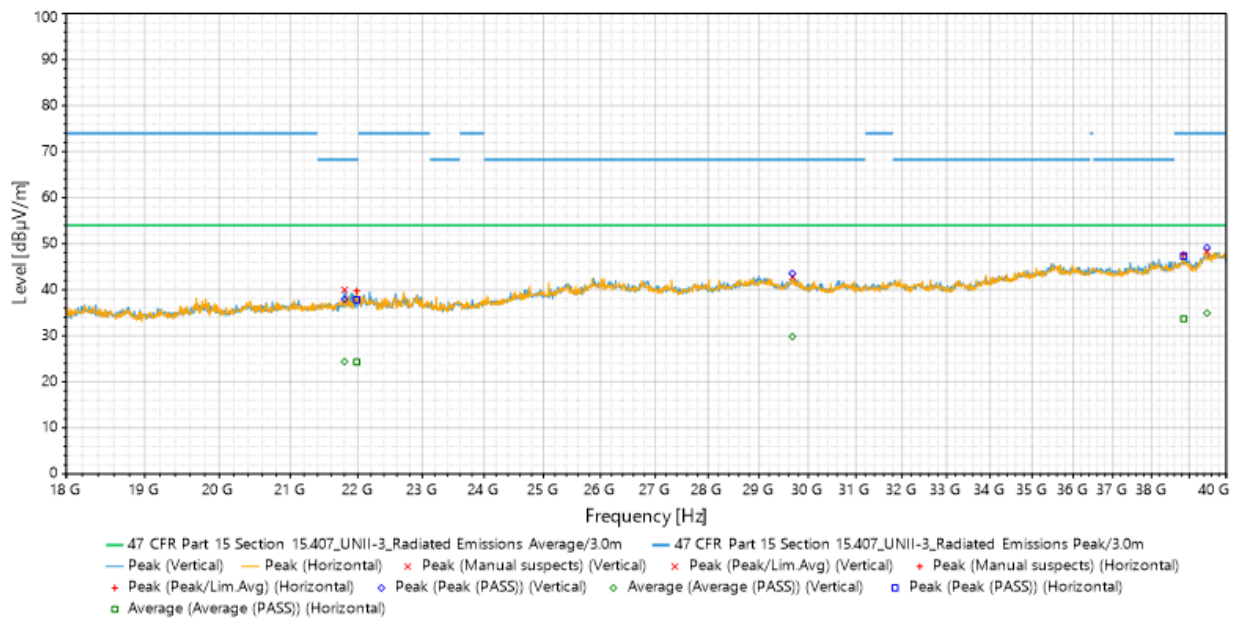


Figure 57. Radiated Spurious Emissions, WiFi 5GHz U-NII-3 802.11n HT20 MCS0 5825MHz RSE – (18 – 40 GHz) Plot

Calibrated test equipment utilized during testing was maintained in a current state of calibration per the requirements of ISO/IEC 17025:2017.

Asset #	Equipment	Manufacturer	Model	Last Cal Date	Cal Due Date
1S2399	Turntable Controller	Sunol Sciences	SC99V	See Note 1	
1S4856	Antenna Positioning Tower	ETS-Lindgren	2171B	See Note 1	
1S2482	5 Meter Chamber	Panashield - ETS	5 Meter Semi-Anechoic Chamber	See Note 2	
1S4804	EMI Test Receiver	Rohde & Schwarz	ESW44	08/15/2025	08/15/2026
1S2600	Bilog Antenna	Teseq	CBL6112D	06/10/2025	06/10/2027
1S2435	Horn Antenna	ETS-Lindgren	3117	03/17/2025	03/17/2027
1U0327	DRG Horn Antenna	A.H. Systems, Inc.	SAS-574	11/28/2024	11/28/2026
1S2668	Pre-Amplifier	Sonoma Instruments	310 N	03/18/2025	03/18/2027
1S4802	Pre-Amplifier	EMC Instruments Corporation	EMC118A45SE	05/06/2026	05/06/2027
1S3865	Table Top Amplifier	MITEQ	TTA1840-35-HG	05/01/2026	05/01/2027
Note 1: Functionally tested equipment is verified using calibrated instrumentation at the time of testing.					
Note 2: Latest NSA and VSWR data available upon request.					

Table 35. Radiated Spurious Emissions, Test Equipment

END OF REPORT