

July 24, 2026

Next Meters Global, LLC
Brett Jepsen
73 S Gateway Dr
Providence, UT 84332

Dear Brett Jepsen,

Enclosed is the Electromagnetic Compatibility for the Next Meters Global, LLC, NextConnect (NC5), tested to the requirements of:

- FCC Part 15 Subpart C §15.247 (per KDB 558074 D01 15.247 Meas Guidance v05r02; ANSI C63.10: 2020)
- Innovation, Science, and Economic Development (ISED) Canada RSS-247 Issue 4

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: WIRS141361-FCC 15.247_ISM



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Report Status Sheet

Revision	Report Date	Reason for Revision
Ø	July 24, 2026	Initial Issue.

Table of Contents

1.0	Testing Summary	6
2.0	Overview	8
2.1	Test Site	8
2.2	FCC ID and IC	8
2.3	Measurement Uncertainty	8
2.4	Equipment Overview and Test Configuration	9
2.5	Modifications to the EUT	11
2.6	Modifications to the Standard	11
2.7	Disposition of EUT	11
3.0	Electromagnetic Compatibility Criteria for Intentional Radiators	12
3.1	Antenna-Port Conducted Measurements	12
3.2.1	Carrier Frequency Separation	13
3.2.2	Number of Hopping Frequencies	14
3.2.3	Time of Occupancy (Dwell Time)	16
3.2.4	Duty Cycle	18
3.2.5	20 dB Bandwidth	19
3.2.6	99% Occupied Bandwidth	21
3.2.7	Maximum Peak Conducted Output Power	23
3.2.8	Conducted Spurious Emissions	25
3.2.9	Band Edge	27
3.2.10	Antenna-Port Conducted Measurements Test Equipment	30
3.2	Radiated Spurious Emissions	31

List of Tables

Table 1. Carrier Frequency Separation Test Results	13
Table 2. Number of Hopping Frequencies Test Results.....	14
Table 3. Time of Occupancy (Dwell Time) within 20 Second Period Test Results.....	16
Table 4. Time of Occupancy (Dwell Time) Test Results.....	17
Table 5. Duty Cycle Test Results.....	18
Table 6. 20dB Bandwidth Test Results	19
Table 7. 99% Occupied Bandwidth Test Results	21
Table 8. Maximum Peak Conducted Output Power Test Results	23
Table 9. Conducted Spurious Emissions, Test Results	25
Table 10. Band Edge Test Results	27
Table 11. Antenna-Port Conducted Measurements, Test Equipment	30
Table 12. Radiated Spurious Emissions, ISM Low Channel 910.2 MHz (30 MHz – 1 GHz) Test Results.....	35
Table 13. Radiated Spurious Emissions, ISM Low Channel 910.2 MHz (1 – 10 GHz) Test Results	36
Table 14. Radiated Spurious Emissions, ISM Mid Channel 915 MHz (30 MHz – 1 GHz) Test Results	37
Table 15. Radiated Spurious Emissions, ISM Mid Channel 915 MHz (1 – 10 GHz) Test Results	38
Table 16. Radiated Spurious Emissions, ISM High Channel 920 MHz (30 MHz – 1 GHz) Test Results.....	40
Table 17. Radiated Spurious Emissions, ISM High Channel 920 MHz (1 – 10 GHz) Test Results	41
Table 18. Radiated Spurious Emissions, Test Equipment.....	43

List of Figures

Figure 1. Carrier Frequency Separation: Hopping Plot.....	13
Figure 2. Number of Hopping Frequencies Plot	14
Figure 3. Number of Hopping Frequencies Plot	15
Figure 4. Number of Hopping Frequencies Plot	15
Figure 5. Time of Occupancy (Dwell Time) within 20 Second Period: 915MHz, Hopping Plot	16
Figure 6. Time of Occupancy (Dwell Time): 915MHz, Hopping Plot	17
Figure 7. Duty Cycle: Low Channel, 910.2 MHz, Plot.....	18
Figure 8. 20dB Bandwidth: Low Channel, 910.2 MHz, Plot	19
Figure 9. 20dB Bandwidth: Mid Channel, 915 MHz, Plot.....	20
Figure 10. 20dB Bandwidth: High Channel, 920 MHz, Plot	20
Figure 11. 99% OBW: Low Channel, 910.2 MHz, Plot.....	21
Figure 12. 99% OBW: Mid Channel, 915 MHz, Plot	22
Figure 13. 99% OBW: High Channel, 920 MHz, Plot.....	22
Figure 14. Maximum Peak Conducted Output Power: Low Channel, 910.2 MHz, Plot	23
Figure 15. Maximum Peak Conducted Output Power: Mid Channel, 915 MHz, Plot	24
Figure 16. Maximum Peak Conducted Output Power: High Channel, 920 MHz, Plot.....	24
Figure 17. Conducted Spurious Emissions, Low Channel, 910.2 MHz, Plot.....	25
Figure 18. Conducted Spurious Emissions, Mid Channel, 915 MHz, Plot	26
Figure 19. Conducted Spurious Emissions, High Channel, 920 MHz, Plot.....	26
Figure 20. Lower Band Edge: Low Channel, 910.2 MHz, Fixed Channel Plot	27
Figure 21. Upper Band Edge: High Channel, 920 MHz, Fixed Channel Plot.....	28
Figure 22. Lower Band Edge: Low Channel, 910.2 MHz, Hopping Plot	28
Figure 23. Upper Band Edge: High Channel, 920 MHz, Hopping Plot	29
Figure 24. Radiated Spurious Emissions, ISM Low Channel 910.2 MHz (30 MHz – 1 GHz) Plot	35
Figure 25. Radiated Spurious Emissions, ISM Low Channel 910.2 MHz (1 – 10 GHz) Plot	36
Figure 26. Radiated Spurious Emissions, ISM Mid Channel 915 MHz (30 MHz – 1 GHz) Plot	37
Figure 27. Radiated Spurious Emissions, ISM Mid Channel 915 MHz (1 – 10 GHz) Plot	39
Figure 28. Radiated Spurious Emissions, ISM High Channel 920 MHz (30 MHz – 1 GHz) Plot.....	40
Figure 29. Radiated Spurious Emissions, ISM High Channel 920 MHz (1 – 10 GHz) Plot.....	42

1.0 Testing Summary

The Next Meters Global, LLC, NextConnect (NC5) was found to be compliant to the following specification(s).

- FCC Part 15 Subpart C §15.247 (per KDB 558074 D01 15.247 Meas Guidance v05r02; ANSI C63.10: 2020)
- RSS-247 Issue 4



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.



Kevin Nguyen
Senior Wireless Test Engineer

Summary of Tests

Test Item	FCC Part	Industry Canada	Result
Carrier Frequency Separation	§15.247(a)(1)(i)	RSS-247, 6.2.1	Complies
Number of Hopping Frequencies	§15.247(a)(1)(i)	RSS-247, 6.2.2.1	Complies
Time of Occupancy (Dwell Time)	§15.247(a)(1)(i)	RSS-247, 6.2.2.1	Complies
20 dB Bandwidth	§15.247(a)(1)(i)	RSS-247, 6.2.2.1	Complies
99% Occupied Bandwidth	-	RSS-GEN	Complies
Maximum Conducted Output Power	§15.247(b)(2)	RSS-247, 6.2.2.2	Complies
Conducted Spurious Emissions	§15.247(d)	RSS-247, 6.6	Complies
Band-Edge	§15.247(d)	RSS-247, 6.6	Complies
Transmitter Radiated Emissions	§15.247(d), §15.209, §15.205	RSS-247, 6.6	Complies
Antenna Requirement	§15.203	RSS-GEN	Complies

2.0 Overview

Eurofins E&E Testing NA, LLC. was contracted by Next Meters Global, LLC to perform testing on the NextConnect (NC5), under purchase order number PO-NM7391.

This document describes the test setups, test methods, required test equipment, and the test limit criteria used to perform compliance testing of Next Meters Global, LLC, NextConnect (NC5).

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

Model(s) Tested:	NextConnect (NC5)
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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 FCC ID and IC

FCC ID: 2A8EC-NC5, **Contains FCC ID:** 2ANPO00NRF9151
IC: 28950-NC5, **Contains IC:** 24529-NRF9151

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)	±4.22	2	95%
Conducted Emission Voltage	±3.03	2	95%
Conducted Emission Telecom	±3.87	2	95%

2.4 Equipment Overview and Test Configuration

Name of EUT/Model:	NextConnect (NC5)
Additional Models Covered, but not tested:	N/A
Description of EUT and Intended Use:	The NextConnect (NC5) is a universal 5G LTE-M cellular meter endpoint. Capable of supporting fixed-network, walk-by, drive-by, and cellular applications, it's designed to scale metering deployments with the simplicity of a single device.
Mode(s) of Operation:	ISM: FHSS BLE: 1 Mbps and 2 Mbps
Configuration(s):	Test mode
EUT Power Requirement	
Voltage:	3.6V
AC or DC	DC
Voltage Frequency:	0 Hz
Number of Phases:	N/A
Amperage:	N/A
Uses an external AC/DC Adapter:	No
Battery Return Configuration (DC-C, DC-I, or either):	DC-I
Physical Description	
EUT Arrangement:	Mounted
System with Multiple Chassis:	N/A
Size (HxWxD) inches:	Height: 5.45 in, Outer Diameter: 3.93 in, Inner Diameter: 1.65 in
Weight (lbs):	0.7
Emissions Class Declaration:	B
Other Info:	
Highest frequency used in device:	2480 MHz (highest channel frequency of BLE radio)
EUT Software (internal to EUT):	Custom firmware by Next Meters Global, LLC
Support Software (used by support PC to exercise EUT):	PuTTY

Note: EUT information was provided by Next Meters Global, LLC.

Equipment Configuration List

N/A

Support Equipment List

N/A

Ports and Cabling List

N/A

Antenna Information

Radio	Antenna Type	Manufacturer	Part No	Frequency Range	Peak Gain
ISM	SMD	Antenova	SR4L099	698 – 960 MHz	0.15 dBi
BLE	PCB Trace	Next Meters Global, LLC	N/A	2400 – 2483.5 MHz	-1.0 dBi

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

Test Configuration

The ISM radio was configured to both hopping and fixed channel continuous transmission mode for testing.

Hopping mode was used for following test items: Carrier Frequency Separation, Number of Hopping Frequencies, Time of Occupancy (Dwell Time), and Band Edge.

Fixed channel continuous transmission mode was used for following test items: Duty Cycle, 20 dB Bandwidth, 99% Occupied Bandwidth, Maximum Peak Conducted Output Power, Conducted Spurious Emissions, Band Edge, and Radiated Spurious Emissions. The ISM radio in this mode was configured to low, middle, and high channels.

Channel	Frequency (MHz)	Power Setting
Low	910.2	40
Mid	915	40
High	920	40

2.5 Modifications to the EUT

No modifications were made to the EUT.

2.6 Modifications to the Standard

No modifications were made to the Test Standard.

2.7 Disposition of EUT

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

3.0 Electromagnetic Compatibility Criteria for Intentional Radiators

3.1 Antenna-Port Conducted Measurements

Test Method: ANSI C63.10: 2020; FCC KDB 558074 D01 15.247 Meas Guidance v05r02

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

- FCC Part 15 Subpart C §15.247
- ISSED RSS-247 Issue 4 Sections 6.2 & 6.6

Test Procedure: The EUT was configured to operate in both hopping mode and fixed channel continuous transmission mode continuous transmission mode within the 902-928 MHz ISM band.

- Hopping operating mode was used for following test items: Carrier Frequency Separation, Number of Hopping Frequencies, Time of Occupancy (Dwell Time), and Band Edge.
- Fixed channel operating mode was used for following test items: Duty Cycle, 20 dB Bandwidth, 99% Occupied Bandwidth, Maximum Peak Conducted Output Power, Conducted Spurious Emissions, Band Edge, and Radiated Spurious Emissions. The ISM radio in this mode was configured to low, middle, and high channels.
- Conducted measurements were performed at the antenna port of the EUT using a spectrum analyzer. Procedures for an unlicensed wireless device using frequency-hopping techniques were followed per ANSI C63.10: 2020 Section 7.8 Evaluation of frequency-hopping device parameters.
- The reference level was set based on the peak power of the fundamental channel.
- Emissions outside the 902-928 MHz band were measured and compared to the 20 dB attenuation requirement per FCC §15.247(d) and RSS-247 Section 6.6, using a resolution bandwidth (RBW) of 100 kHz and video bandwidth (VBW) of 300 kHz.
- Measurement traces were recorded for each tested channel.

Test Results:

Test Standard:	FCC Part 15 Subpart C §15.247 (Per FCC KDB 558074 D01 15.247 Meas Guidance v05r02; ANSI C63.10-2020) ISSED RSS-247 Issue 4 Sections 6.2 & 6.6
Test Name	Antenna-Port Conducted Measurements
Test Dates:	07/06/2026
Laboratory	Eurofins E&E Testing NA, LLC.
Test Engineer:	Chin Ming Lui
Test Results:	Compliant

Test Data (FCC 15.247 & RSS-247 Antenna-Port Conducted Measurements)

3.2.1 Carrier Frequency Separation

Mode	Adjacent Frequencies (MHz)	Measured Carrier Freq Separation (kHz)	Minimum Carrier Freq Separation
Hopping	915 MHz & 915.2 MHz	200.2	25 kHz or 20dB BW of hopping channel

Table 1. Carrier Frequency Separation Test Results

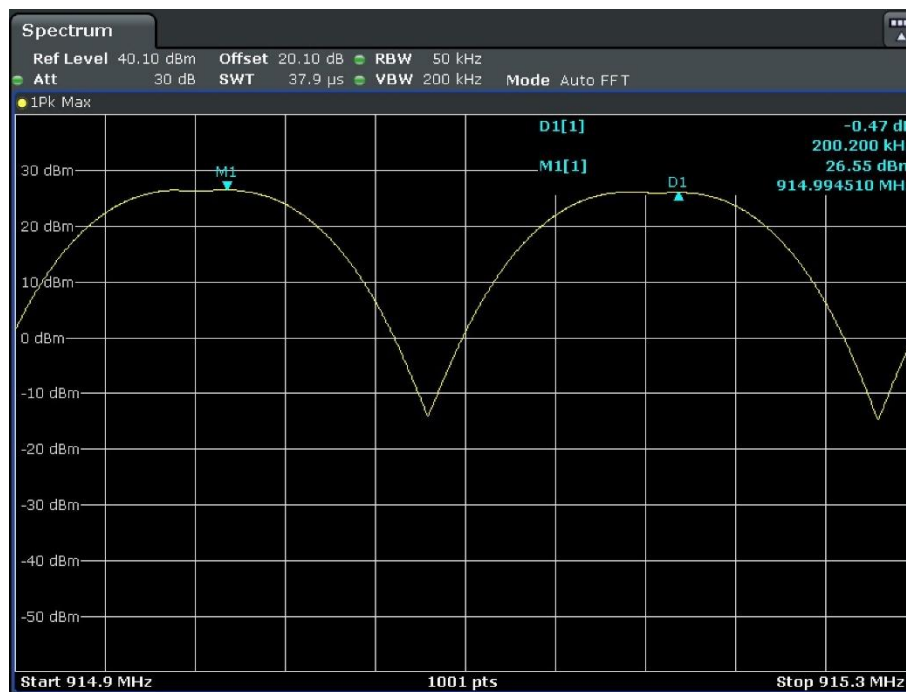


Figure 1. Carrier Frequency Separation: Hopping Plot

3.2.2 Number of Hopping Frequencies

Mode	Lowest Frequency (MHz)	Highest Frequency (MHz)	Number of Hopping Frequencies
Hopping	910.2	920	50

Table 2. Number of Hopping Frequencies Test Results

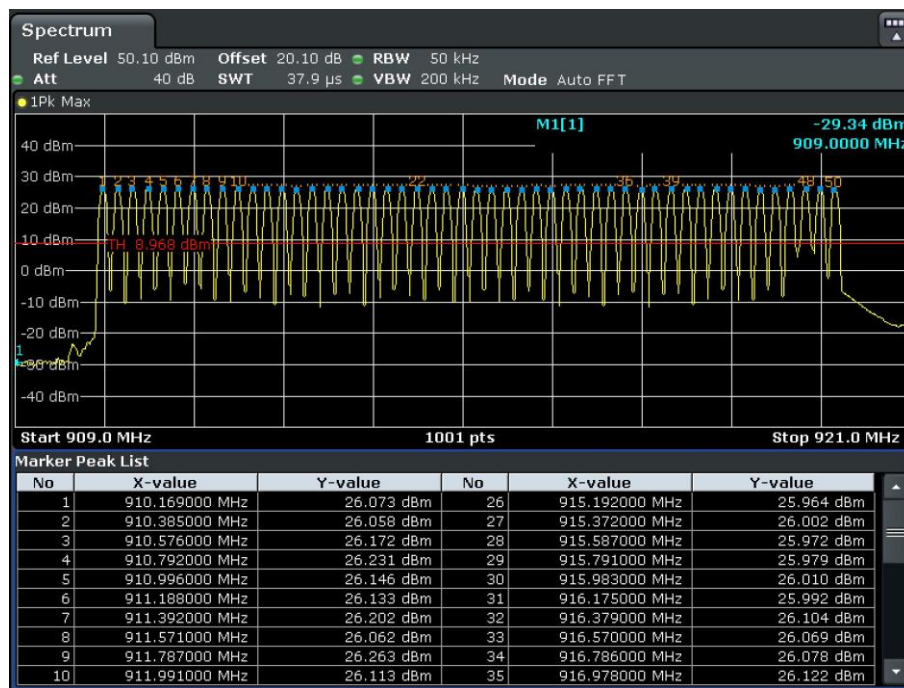


Figure 2. Number of Hopping Frequencies Plot

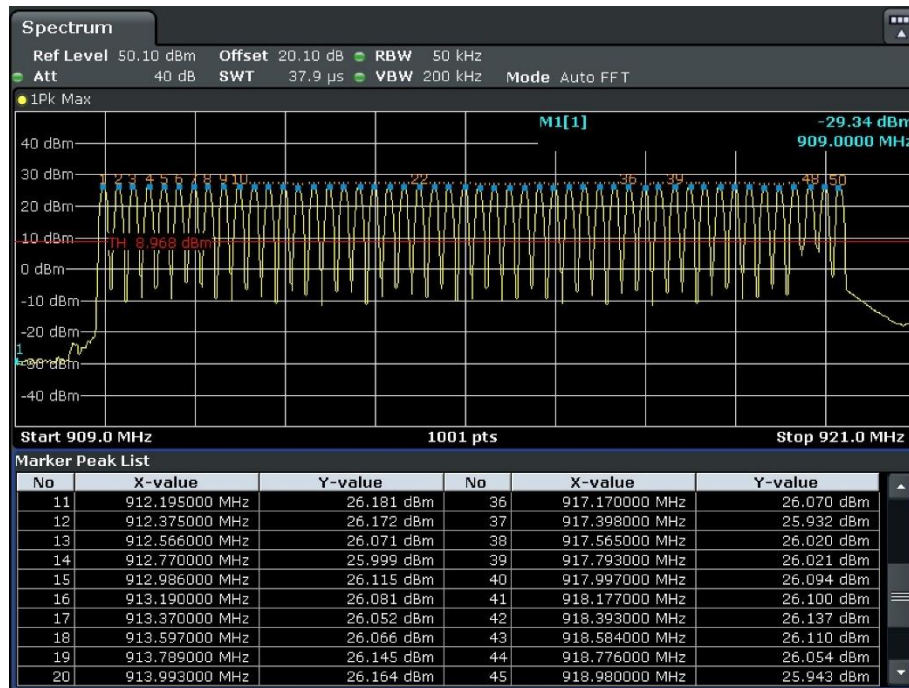


Figure 3. Number of Hopping Frequencies Plot

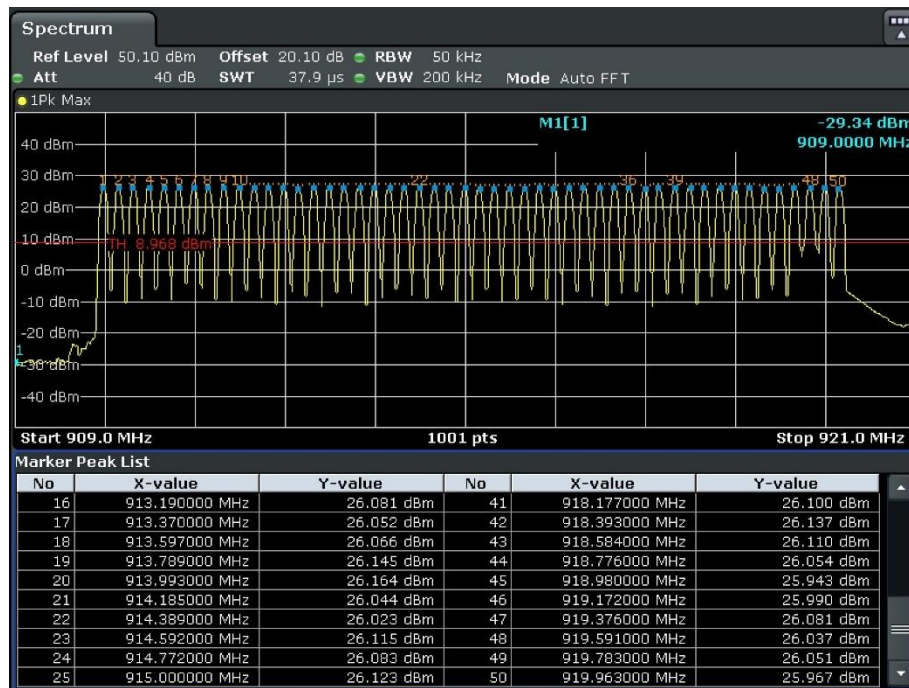


Figure 4. Number of Hopping Frequencies Plot

3.2.3 Time of Occupancy (Dwell Time)

Mode	Frequency	Channel	Measured Time of Occupancy (s)	Maximum Allowed Time of Occupancy (s)	Period (s)
Hopping	915	Mid	0.378	0.4	20

Table 3. Time of Occupancy (Dwell Time) within 20 Second Period Test Results

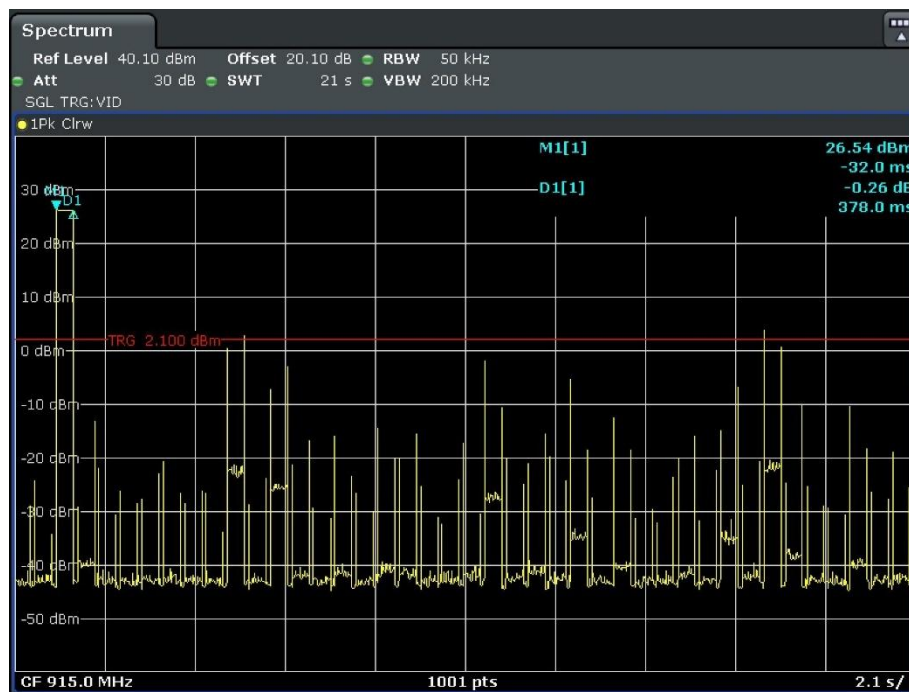


Figure 5. Time of Occupancy (Dwell Time) within 20 Second Period: 915MHz, Hopping Plot

Mode	Frequency (MHz)	Channel	Measured Time of Occupancy (s)	Maximum Allowed Time of Occupancy (s)
Hopping	915	Mid	0.3845	0.4

Table 4. Time of Occupancy (Dwell Time) Test Results



Figure 6. Time of Occupancy (Dwell Time): 915MHz, Hopping Plot

3.2.4 Duty Cycle

Frequency (MHz)	Channel	Duty Cycle	Duty Cycle Correction Factor
910.2	Low	100%	0

Table 5. Duty Cycle Test Results



Figure 7. Duty Cycle: Low Channel, 910.2 MHz, Plot

3.2.5 20 dB Bandwidth

Frequency (MHz)	Channel	20dB BW (kHz)
910.2	Low	41.66
915	Mid	41.81
920	High	41.81

Table 6. 20dB Bandwidth Test Results



Figure 8. 20dB Bandwidth: Low Channel, 910.2 MHz, Plot



Figure 9. 20dB Bandwidth: Mid Channel, 915 MHz, Plot



Figure 10. 20dB Bandwidth: High Channel, 920 MHz, Plot

3.2.6 99% Occupied Bandwidth

Frequency (MHz)	Channel	99% OBW (kHz)
910.2	Low	38.51
915	Mid	38.66
920	High	38.51

Table 7. 99% Occupied Bandwidth Test Results

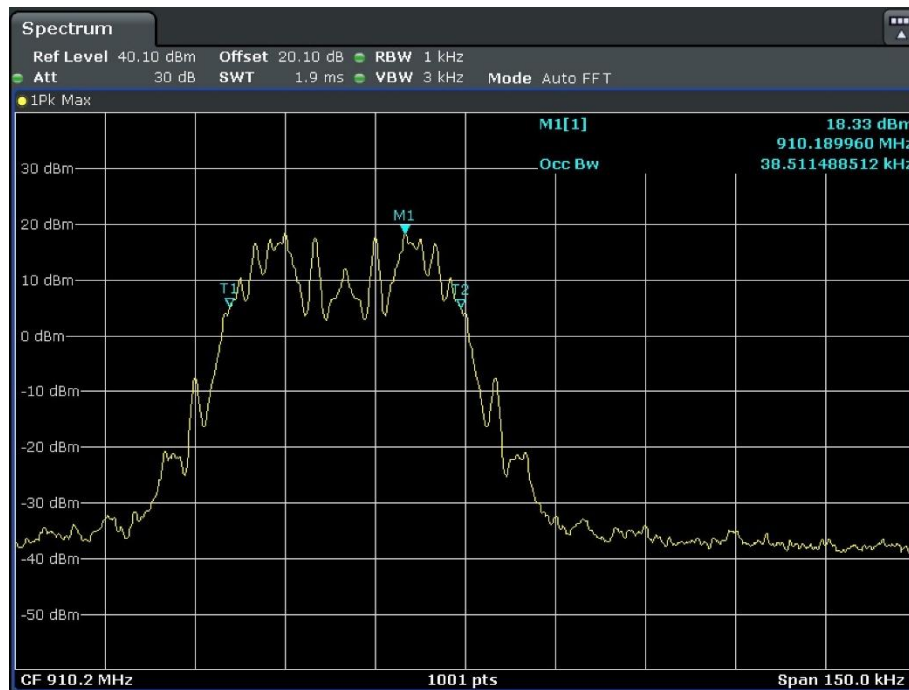


Figure 11. 99% OBW: Low Channel, 910.2 MHz, Plot

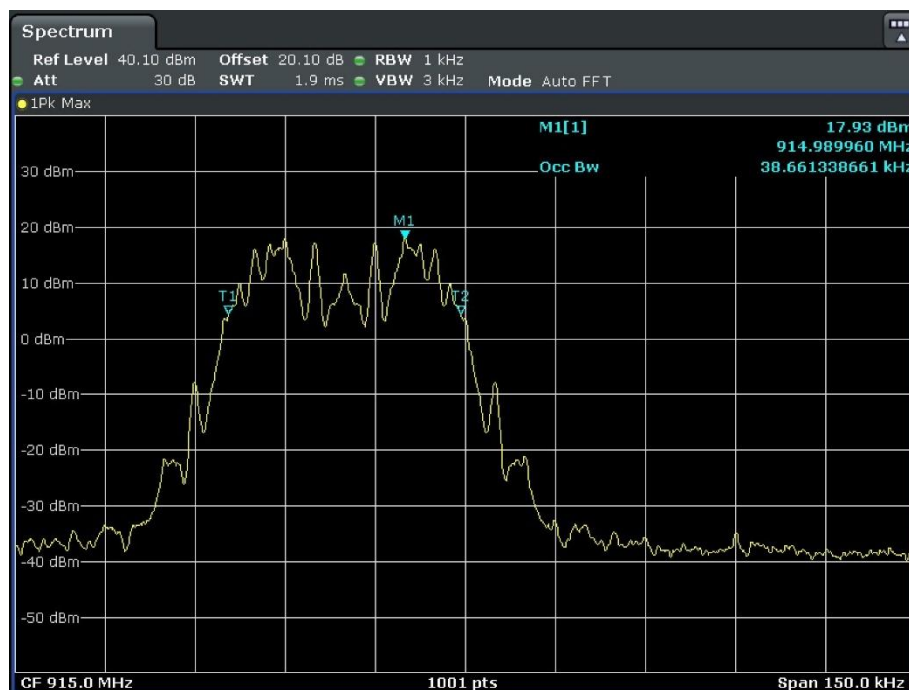


Figure 12. 99% OBW: Mid Channel, 915 MHz, Plot

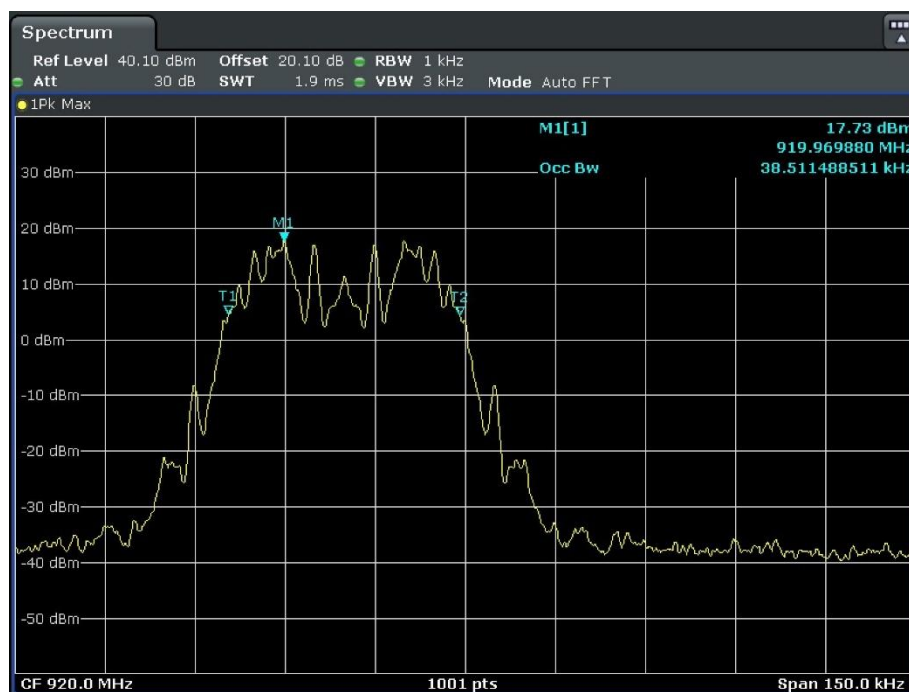


Figure 13. 99% OBW: High Channel, 920 MHz, Plot

3.2.7 Maximum Peak Conducted Output Power

Frequency (MHz)	Channel	Measured Max Peak Conducted Output Power (dBm)	Max Peak Conducted Output Power Limit (dBm)
910.2	Low	25.51	30
915	Mid	25.23	30
920	High	25.40	30

Table 8. Maximum Peak Conducted Output Power Test Results

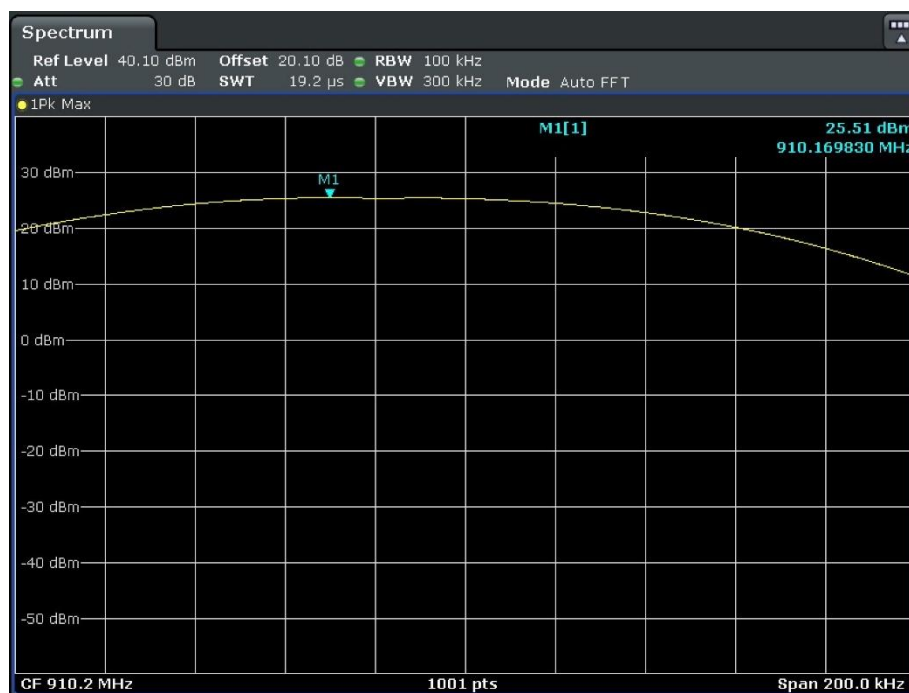


Figure 14. Maximum Peak Conducted Output Power: Low Channel, 910.2 MHz, Plot

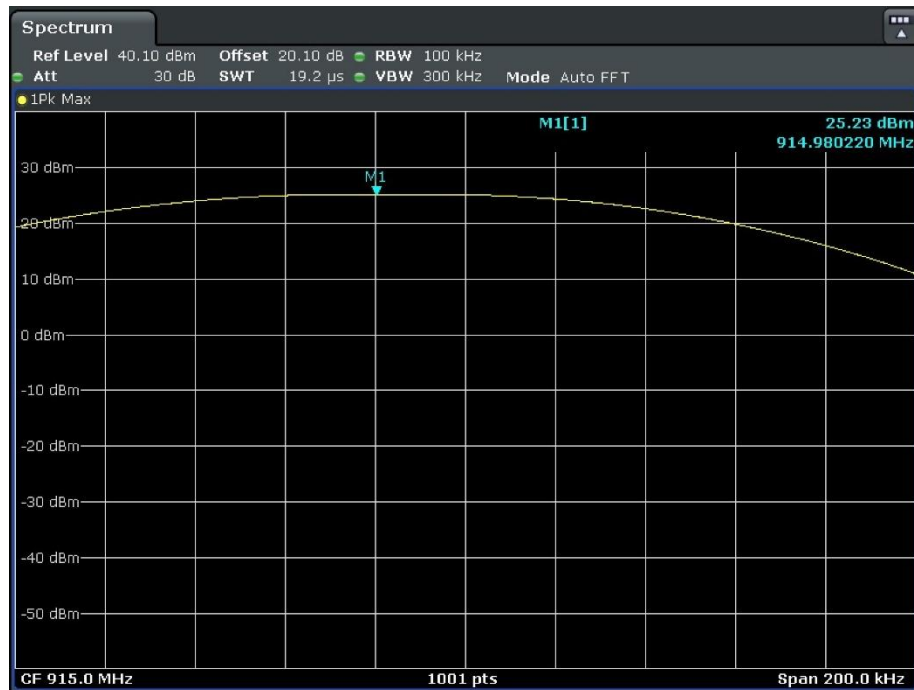


Figure 15. Maximum Peak Conducted Output Power: Mid Channel, 915 MHz, Plot

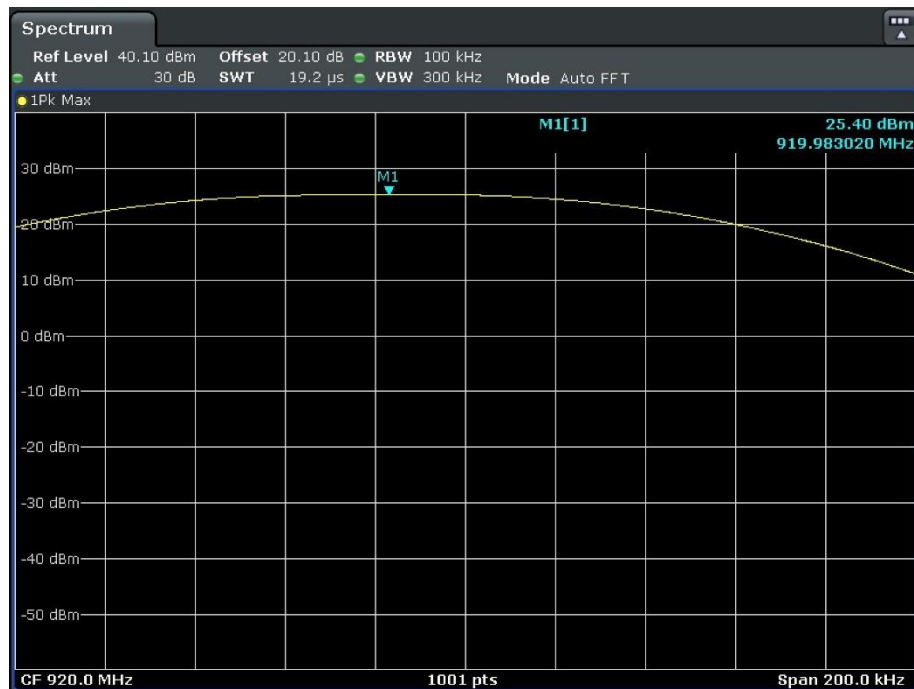


Figure 16. Maximum Peak Conducted Output Power: High Channel, 920 MHz, Plot

3.2.8 Conducted Spurious Emissions

Frequency (MHz)	Channel	Fundamental Peak (dBm)	Max Spurious Emission Freq (MHz)	Max Spurious Emission Level (dBm)	Peak-to-Unwanted Emission Delta (Δ) (dBc)	Limit (dBc)
910.2	Low	23.88	6966.53	-33.18	57.06	≥ 20
915	Mid	23.30	6842.91	-33.40	56.70	≥ 20
920	High	23.09	6851.88	-33.23	56.32	≥ 20

Table 9. Conducted Spurious Emissions, Test Results

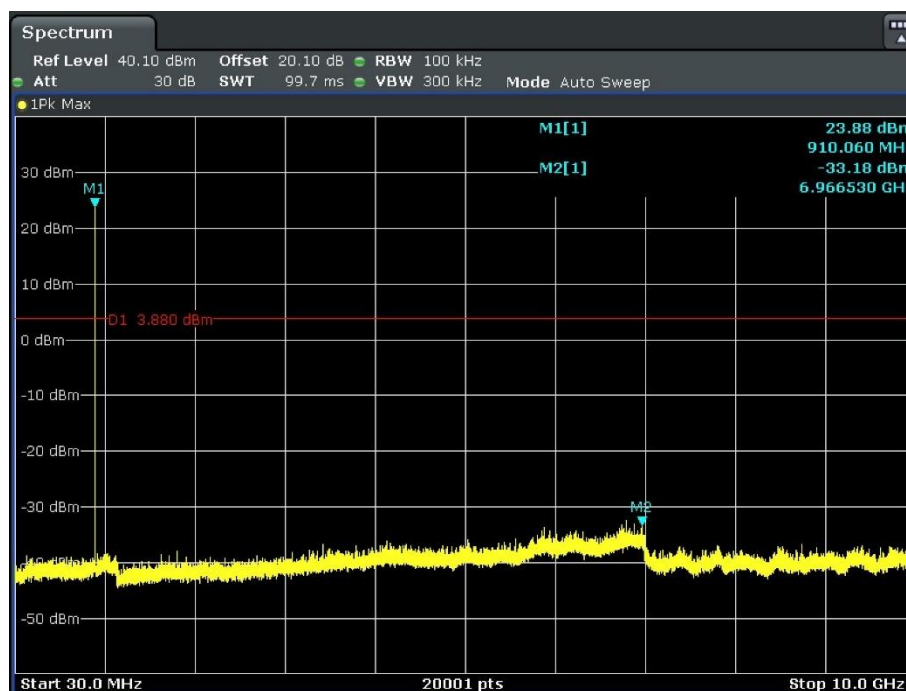


Figure 17. Conducted Spurious Emissions, Low Channel, 910.2 MHz, Plot

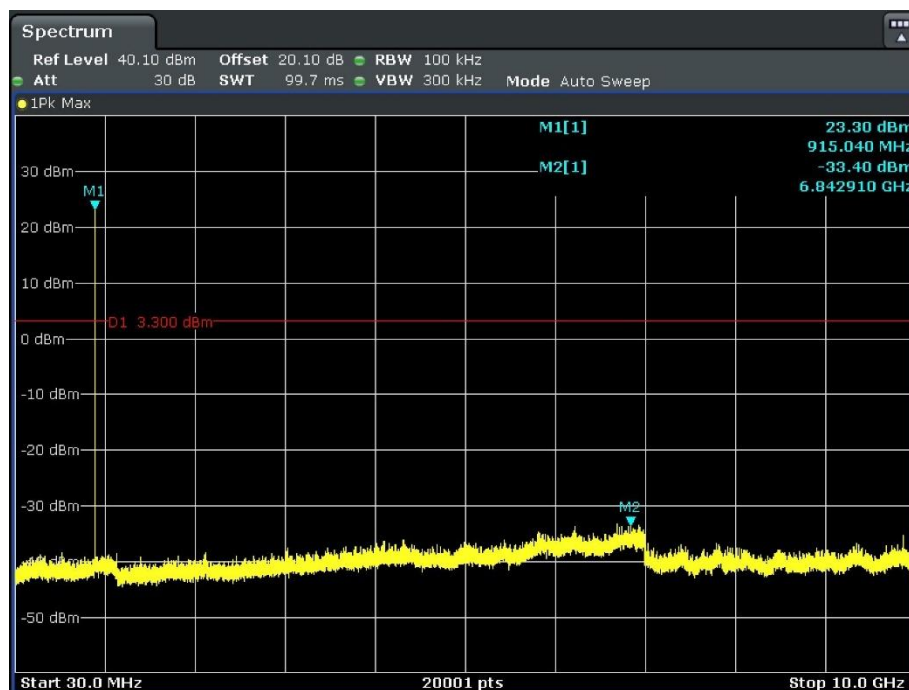


Figure 18. Conducted Spurious Emissions, Mid Channel, 915 MHz, Plot

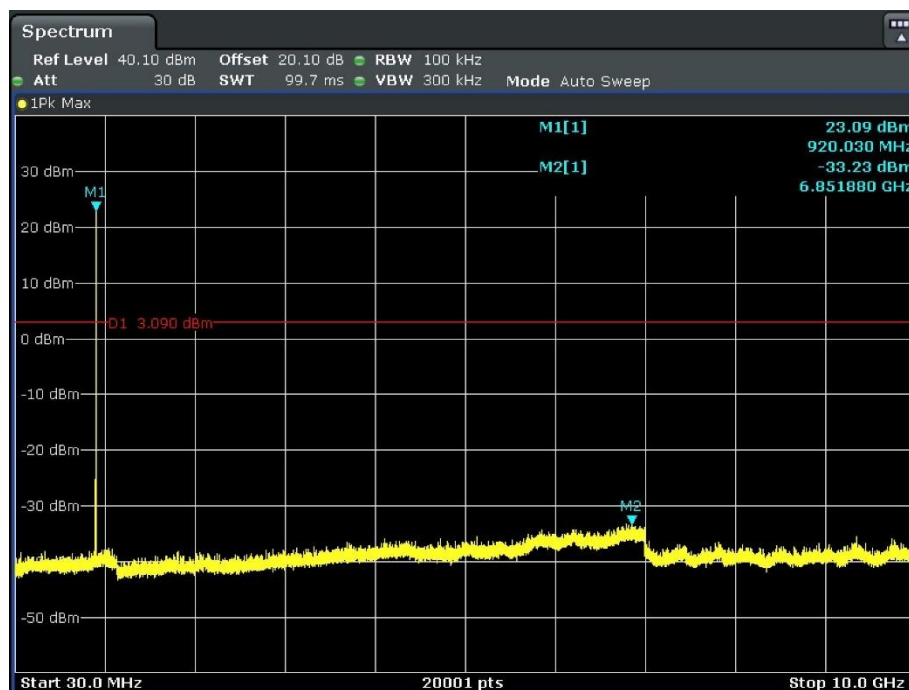


Figure 19. Conducted Spurious Emissions, High Channel, 920 MHz, Plot

3.2.9 Band Edge

Mode	Frequency (MHz)	Channel	Fundamental Peak (dBm)	Unwanted Emission Level (dBm)	Peak-to-Unwanted Emission Delta (Δ) (dBc)	Limit (dBc)
Fixed Channel	910.2	Low	23.21	-28.31	51.52	≥ 20
	920	High	22.52	-28.22	50.74	≥ 20
Hopping	910.2	Low	26.20	-27.88	54.08	≥ 20
	920	High	26.31	-26.93	53.24	≥ 20

Table 10. Band Edge Test Results

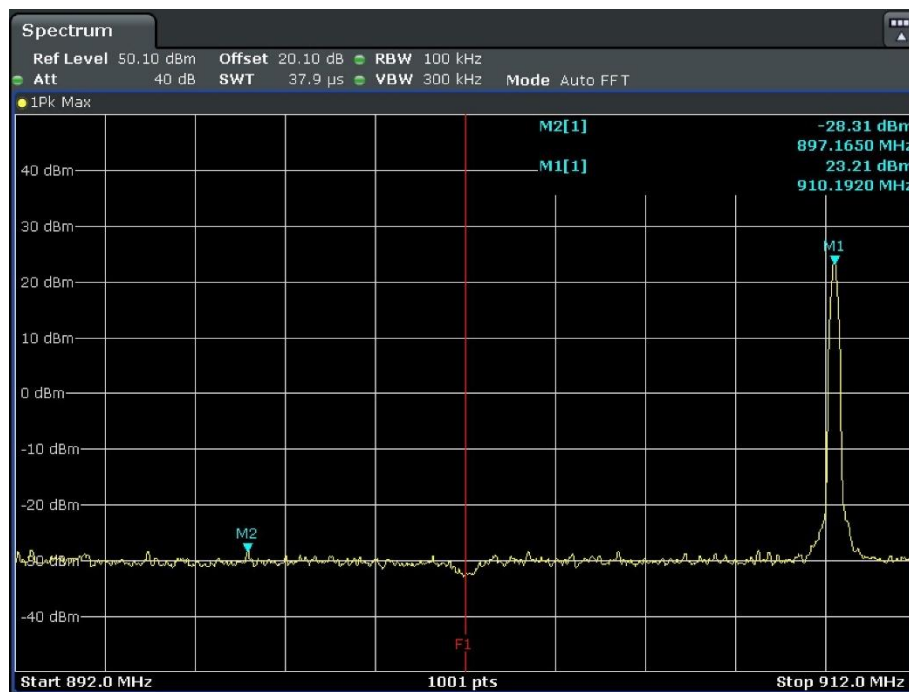


Figure 20. Lower Band Edge: Low Channel, 910.2 MHz, Fixed Channel Plot

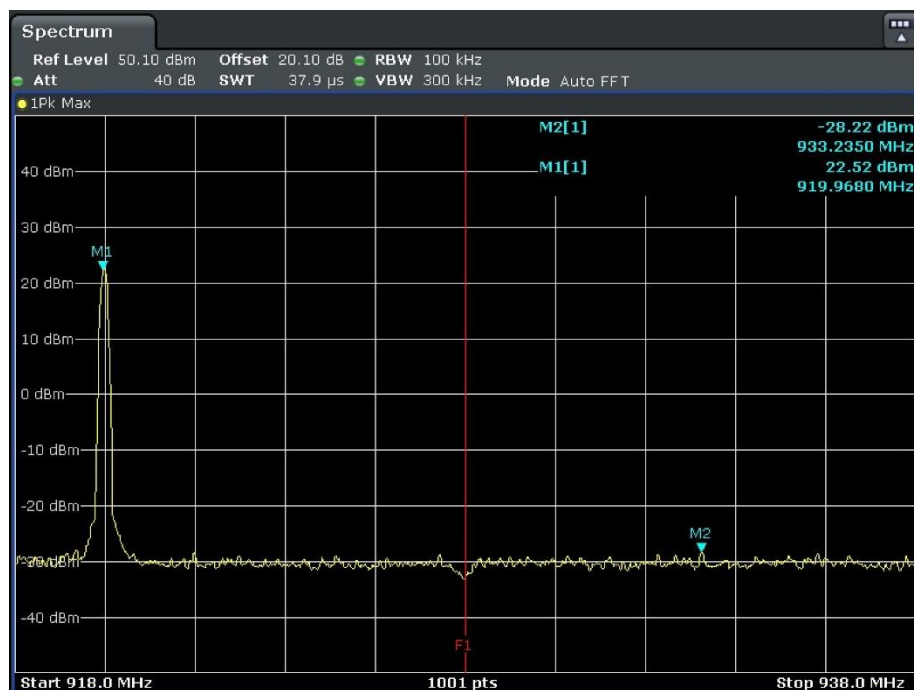


Figure 21. Upper Band Edge: High Channel, 920 MHz, Fixed Channel Plot

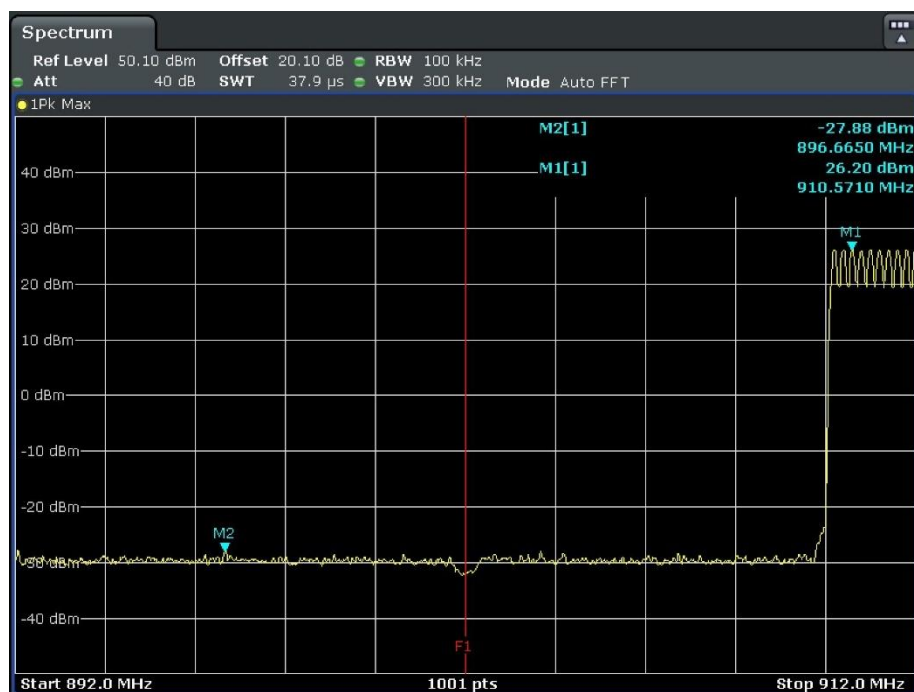


Figure 22. Lower Band Edge: Low Channel, 910.2 MHz, Hopping Plot



3.2.10 Antenna-Port Conducted Measurements Test Equipment

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

Test Name: FCC 15.247 & RSS-247			Test Date(s): 07/06/2026		
Asset #	Equipment	Manufacturer	Model	Last Cal Date	Cal Due Date
1S3812	Signal Analyzer	Rohde & Schwarz	FSV	01/10/2025	01/10/2027
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 11. Antenna-Port Conducted Measurements, Test Equipment

3.2 Radiated Spurious Emissions

Test Method: ANSI C63.10: 2020; FCC KDB 558074 D01 15.247 Meas Guidance v05r02

Test Requirement(s): The following standards specified below are covered in the scope of this section of the test report:

- FCC Part 15 Subpart C §15.247
- RSS-247 Issue 4

FCC – §15.209 Radiated emission limits; general requirements.

(a) Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (dBμV/m)	Measurement Distance (m)
30 - 88	40	3
88 - 216	43.5	3
216 - 960	46	3
Above 960	54	3

ISED – Transmitter emission limits:

Refer to RSS-Gen Issue 5 Section 8.9 Transmitter emission limits Table 5 – General field strength limits at frequencies above 30 MHz.

FCC – §15.205 Restricted bands of operation.

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹ Until February, 1999, this restricted band shall be 0.490-0.510 MHz.

² Above 38.6

ISED – Restricted frequency bands:

Refer to RSS-Gen Issue 5 Section 8.10 Restricted frequency bands Table 7 – Restricted frequency bands.

Sample Calculation for Distance Correction factor (DCF) measurement:

$$F_d = 20 \cdot \log_{10} (D_m/D_s)$$

where:

$$F_d = \text{Distance Factor in dB}$$

$$D_m = \text{Measurement Distance in meters}$$

$$D_s = \text{Specification Distance in meters}$$

Sample formula for calculating the Corrected Data for the Radiated Emissions Measurements:

Frequency (MHz)	Antenna Polarity	EUT Azimuth (Degrees)	Antenna Height (cm)	Uncorrected Amplitude (dBμV)	ACF (dB/m) (+)	Pre Amp Gain (dB)(-)	CBL (dB) (+)	DCF (dB) (+)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
249.99	V	359.9	240.7	55.46	11.4	28.335	0	0	38.505	47	-8.495

$$\begin{aligned} \text{Corrected Amplitude (dB}\mu\text{V/m)} &= \text{Uncorrected Amplitude (dB}\mu\text{V)} + \text{ACF (dB/m)} - \text{Preamp Gain (dB)} + \text{CBL (dB)} + \text{DCF (dB)} \\ &= 55.46 + 11.4 - 28.335 + 0 + 0 = \mathbf{38.505} \end{aligned}$$

Test Procedure:

The method of testing, test conditions, and test procedures of ANSI C63.10: 2020 were used in addition to FCC KDB 558074 D01 15.247 Meas Guidance v05r02. Any measured frequency that exhibits a margin of compliance that is less than 3 dB below the specification limit is marked. Eurofins E&E recommends that every emission measured, has at least a 3 dB margin to allow for deviations in the emission characteristics that may occur during the production process.

For emissions between 30 MHz and 1000 MHz, the EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber a biconilog antenna was located 3m from the EUT on an adjustable mast. A pre-scan was first performed to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT was rotated, and the antenna height was varied between 1 m and 4 m to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. Unless otherwise specified, measurements were made using a quasi-peak detector with a 120 kHz resolution bandwidth.

For emissions between 1 GHz and 18 GHz, a double ridged guide horn was located 3 m from the EUT on an adjustable mast. The EUT as placed on a non-metallic table 150 cm above the ground plane inside a semi-anechoic chamber. A pre-scan was performed and used to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT was rotated, and the antenna height was varied depending on the geometry of the EUT. To ensure maximized emissions, the horn antenna was positioned both vertically and horizontally. Unless otherwise specified, measurements were made using a peak and average detector with a 1 MHz resolution bandwidth.

For emission between 18 GHz and 26 GHz, a high frequency standard gain horn antenna was located 3 m from the EUT on an adjustable mast. The EUT as placed on a non-metallic table 150 cm above the ground plane inside a semi-anechoic chamber. A pre-scan was performed and used to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT was rotated, and the antenna height was varied depending on the geometry of the EUT. To ensure maximized emissions, the horn antenna was positioned both vertically and horizontally. Unless otherwise specified, measurements were made using a peak and average detector with a 1 MHz resolution bandwidth.

Radiated measurements were performed with the EUT setup in an orientation that is most representative of normal and typical use.

Test Software Used:

Nexio BAT-EMC was used to perform this test.

Test Results:

Test Standard:	FCC Part 15 Subpart C §15.247 (Per FCC KDB 558074 D01 15.247 Meas Guidance v05r02; ANSI C63.10-2020) ISED RSS-247 Issue 4
Test Name	Radiated Spurious Emissions
Test Dates:	06/29/2026 – 06/30/2026
Laboratory	Eurofins E&E Testing NA, LLC.
Test Engineer:	Chin Ming Lui
Test Results:	Compliant

Test Data (FCC 15.247 & RSS-247 Radiated Spurious Emissions)

ISM Radio

ISM Low Channel 910.2 MHz

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
116.40078	QuasiPeak (PASS)	28.788	43.5	-14.712	3.299	308	Vertical	120000	0.1	-10.116
117.85108	QuasiPeak (PASS)	25.196	43.5	-18.304	4	149	Horizontal	120000	0.1	-10.63
118.19814	QuasiPeak (PASS)	26.938	43.5	-16.562	3.811	173	Vertical	120000	0.1	-10.086
125.0482	QuasiPeak (PASS)	28.091	43.5	-15.409	2.56	34	Horizontal	120000	0.1	-9.235
127.25234	QuasiPeak (PASS)	23.002	43.5	-20.498	3.514	-5	Vertical	120000	0.1	-8.304
134.69772	QuasiPeak (PASS)	19.982	43.5	-23.518	3.924	271	Horizontal	120000	0.1	-9.184

Table 12. Radiated Spurious Emissions, ISM Low Channel 910.2 MHz (30 MHz – 1 GHz) Test Results

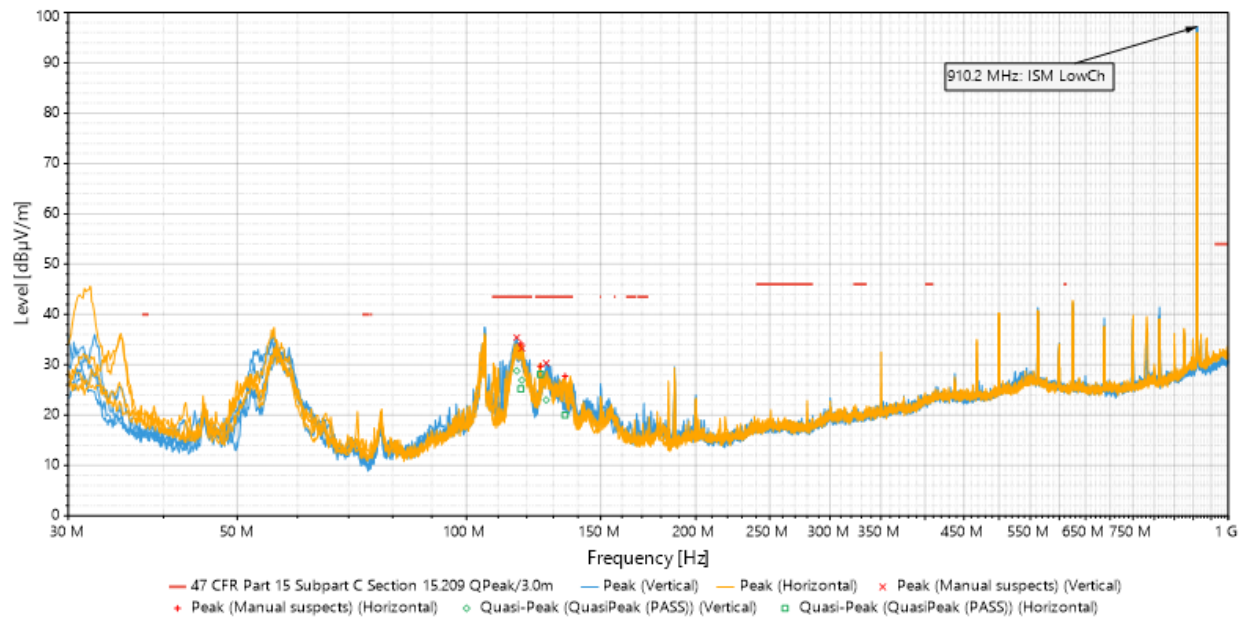


Figure 24. Radiated Spurious Emissions, ISM Low Channel 910.2 MHz (30 MHz – 1 GHz) Plot

Note: Fundamental signal was attenuated using a 902-928 MHz notch filter.

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
2730.5	Peak (PASS)	50.633	74	-23.367	2.518	263	Horizontal	1000000	0.1	0.565
2730.5	Average (PASS)	45.525	54	-8.475	2.518	263	Horizontal	1000000	0.1	0.565
3640.8	Peak (PASS)	56.857	74	-17.143	2.544	334	Horizontal	1000000	0.1	2.446
3640.8	Average (PASS)	53.045	54	-0.955	2.544	334	Horizontal	1000000	0.1	2.446

Table 13. Radiated Spurious Emissions, ISM Low Channel 910.2 MHz (1 – 10 GHz) Test Results

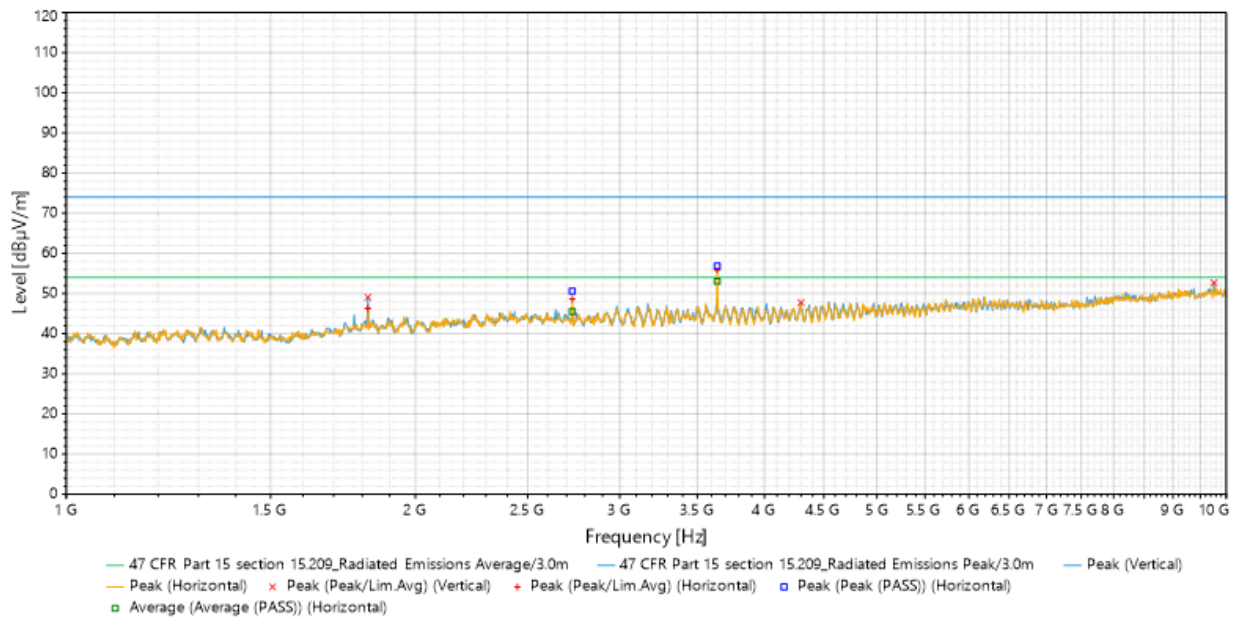


Figure 25. Radiated Spurious Emissions, ISM Low Channel 910.2 MHz (1 – 10 GHz) Plot

ISM Mid Channel 915 MHz

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
115.1009	QuasiPeak (PASS)	26.089	43.5	-17.411	2.925	132	Horizontal	120000	0.1	-10.487
116.29724	QuasiPeak (PASS)	27.76	43.5	-15.74	1.988	161	Vertical	120000	0.1	-10.105
117.1479	QuasiPeak (PASS)	26.805	43.5	-16.695	2.904	96	Vertical	120000	0.1	-10.168
125.04742	QuasiPeak (PASS)	27.838	43.5	-15.662	2.804	55	Horizontal	120000	0.1	-9.235
125.05066	QuasiPeak (PASS)	27.259	43.5	-16.241	1.524	159	Vertical	120000	0.1	-8.685
132.64988	QuasiPeak (PASS)	19.289	43.5	-24.211	1.86	223	Horizontal	120000	0.1	-9.35

Table 14. Radiated Spurious Emissions, ISM Mid Channel 915 MHz (30 MHz – 1 GHz) Test Results

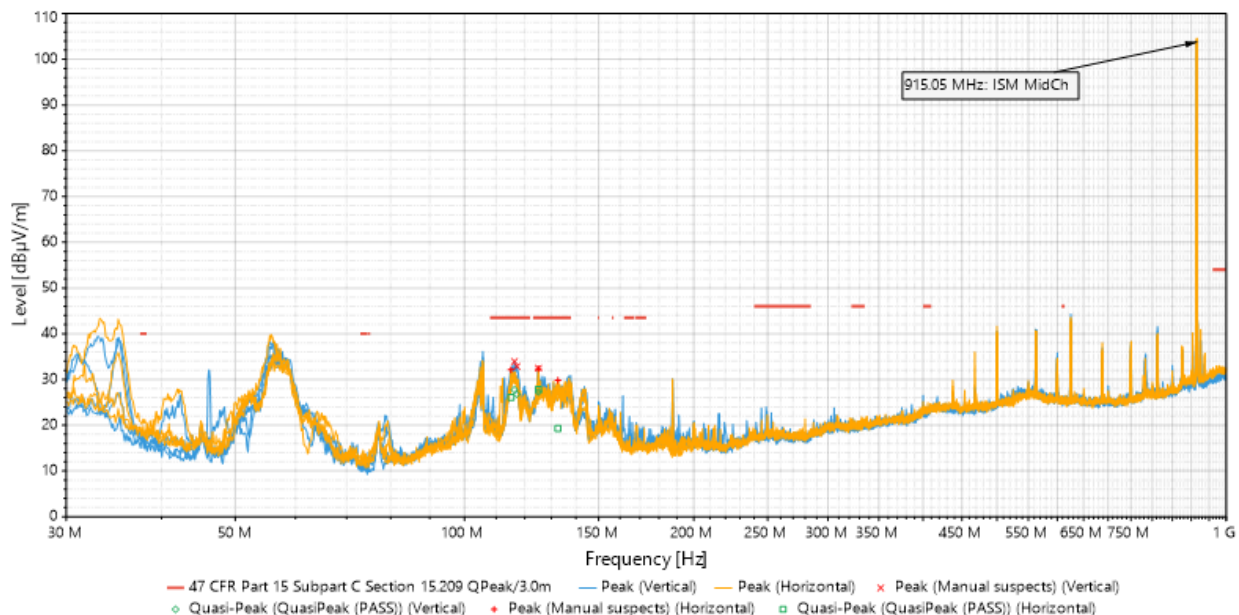


Figure 26. Radiated Spurious Emissions, ISM Mid Channel 915 MHz (30 MHz – 1 GHz) Plot

Note: Fundamental signal was attenuated using a 902-928 MHz notch filter.

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1830.1	Peak (PASS)	48.553	74	-25.447	1.03	358	Horizontal	1000000	0.1	-0.91
1830.1	Average (PASS)	41.412	54	-12.588	1.03	358	Horizontal	1000000	0.1	-0.91
1830.2	Peak (PASS)	50.852	74	-23.148	1.275	324	Vertical	1000000	0.1	-0.84
1830.2	Average (PASS)	45.311	54	-8.689	1.275	324	Vertical	1000000	0.1	-0.84
3659.9	Peak (PASS)	55.13	74	-18.87	2.297	51	Horizontal	1000000	0.1	2.471
3659.9	Average (PASS)	51.734	54	-2.266	2.297	51	Horizontal	1000000	0.1	2.471
3761.6	Peak (PASS)	48.5	74	-25.5	1.394	289	Vertical	1000000	0.1	2.71
3761.6	Average (PASS)	34.218	54	-19.782	1.394	289	Vertical	1000000	0.1	2.71
4666.2	Peak (PASS)	48.469	74	-25.531	3.52	103	Vertical	1000000	0.1	3.566
4666.2	Average (PASS)	34.541	54	-19.459	3.52	103	Vertical	1000000	0.1	3.566
9708.7	Peak (PASS)	51.408	74	-22.592	2.881	12	Horizontal	1000000	0.1	6.834
9708.7	Average (PASS)	38.011	54	-15.989	2.881	12	Horizontal	1000000	0.1	6.834

Table 15. Radiated Spurious Emissions, ISM Mid Channel 915 MHz (1 – 10 GHz) Test Results

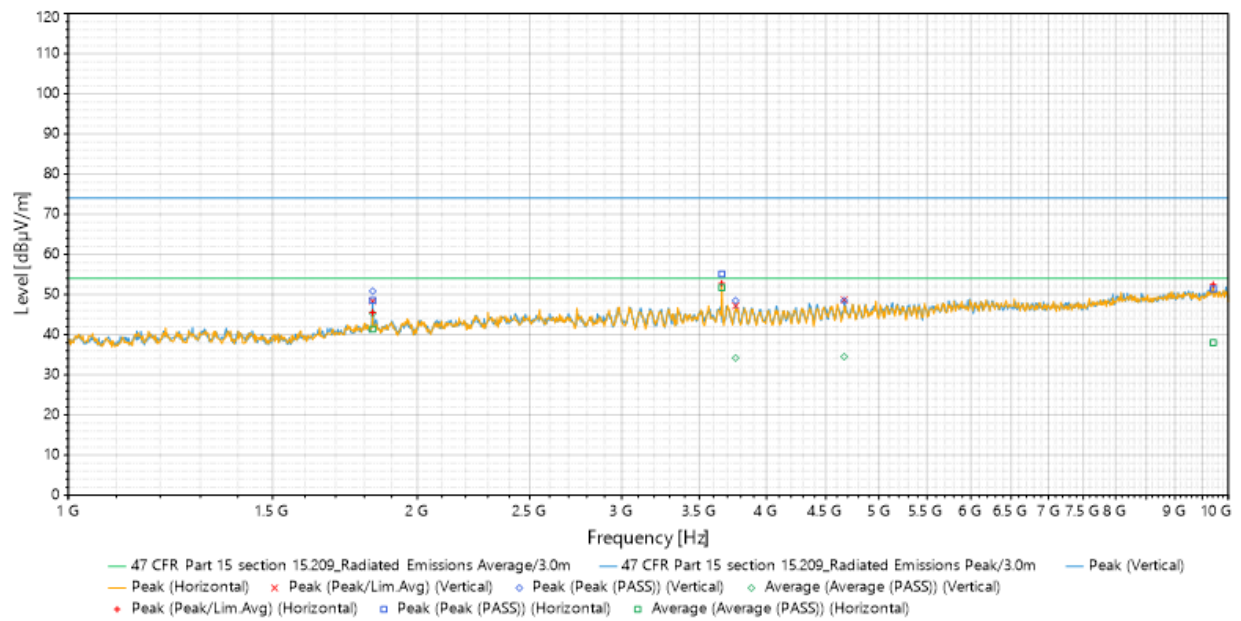


Figure 27. Radiated Spurious Emissions, ISM Mid Channel 915 MHz (1 – 10 GHz) Plot

ISM High Channel 920 MHz

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
115.10246	QuasiPeak (PASS)	25.797	43.5	-17.703	2.573	93	Vertical	120000	0.1	-9.876
116.0003	QuasiPeak (PASS)	26.631	43.5	-16.869	2.692	287	Horizontal	120000	0.1	-10.525
116.94958	QuasiPeak (PASS)	26.765	43.5	-16.735	1.508	117	Vertical	120000	0.1	-10.171
125.04832	QuasiPeak (PASS)	28.722	43.5	-14.778	3.281	216	Vertical	120000	0.1	-8.685
125.04886	QuasiPeak (PASS)	29.526	43.5	-13.974	3.862	164	Horizontal	120000	0.1	-9.235
127.20264	QuasiPeak (PASS)	22.415	43.5	-21.085	1.629	274	Horizontal	120000	0.1	-9.249

Table 16. Radiated Spurious Emissions, ISM High Channel 920 MHz (30 MHz – 1 GHz) Test Results

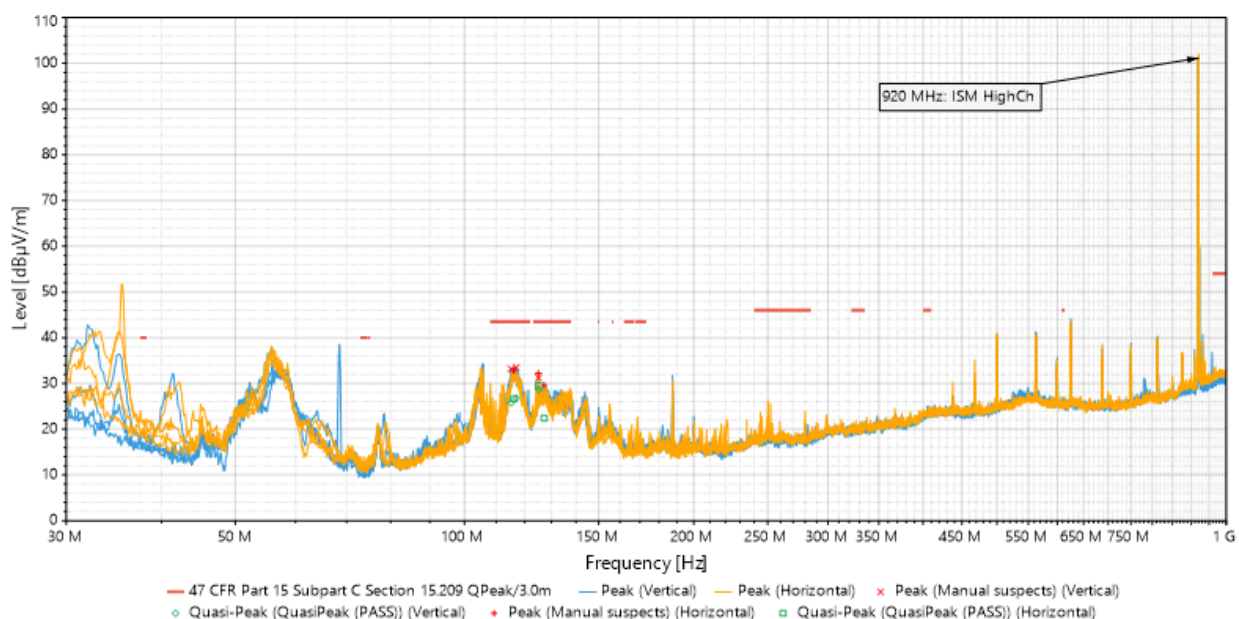


Figure 28. Radiated Spurious Emissions, ISM High Channel 920 MHz (30 MHz – 1 GHz) Plot

Note: Fundamental signal was attenuated using a 902-928 MHz notch filter.

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1840.1	Peak (PASS)	50.158	74	-23.842	1.393	337	Vertical	1000000	0.1	-0.811
1840.1	Average (PASS)	44.362	54	-9.638	1.393	337	Vertical	1000000	0.1	-0.811
2759.9	Peak (PASS)	51.279	74	-22.721	2.549	28	Horizontal	1000000	0.1	0.621
2759.9	Average (PASS)	44.155	54	-9.845	2.549	28	Horizontal	1000000	0.1	0.621
3680	Peak (PASS)	53.241	74	-20.759	2.314	320	Horizontal	1000000	0.1	2.506
3680	Average (PASS)	49.116	54	-4.884	2.314	320	Horizontal	1000000	0.1	2.506
4296.6	Peak (PASS)	48.627	74	-25.373	3.333	-9	Vertical	1000000	0.1	2.712
4296.6	Average (PASS)	34.249	54	-19.751	3.333	-9	Vertical	1000000	0.1	2.712
9757.1	Peak (PASS)	52.115	74	-21.885	3.514	1	Horizontal	1000000	0.1	6.752
9757.1	Average (PASS)	38.205	54	-15.795	3.514	1	Horizontal	1000000	0.1	6.752
9832.1	Peak (PASS)	52.34	74	-21.66	2.579	88	Vertical	1000000	0.1	6.962
9832.1	Average (PASS)	38.621	54	-15.379	2.579	88	Vertical	1000000	0.1	6.962

Table 17. Radiated Spurious Emissions, ISM High Channel 920 MHz (1 – 10 GHz) Test Results

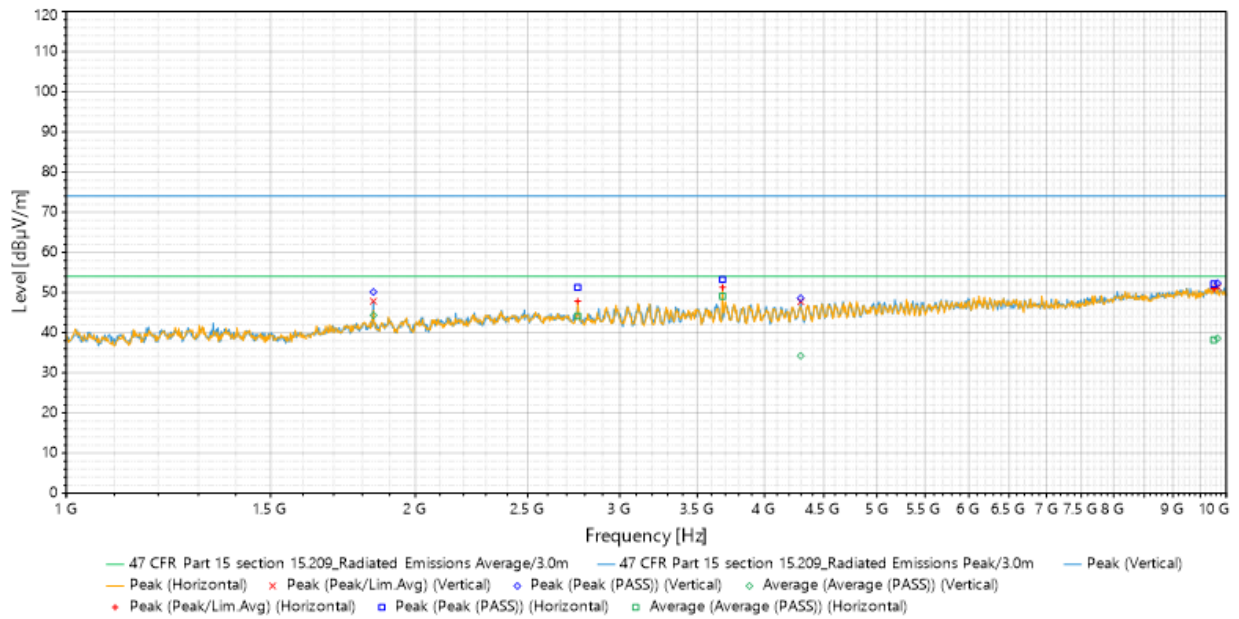


Figure 29. Radiated Spurious Emissions, ISM High Channel 920 MHz (1 – 10 GHz) Plot

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

Test Name: FCC 15.247 & RSS-247			Test Date(s): 06/29/2026 – 06/30/2026		
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
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
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 18. Radiated Spurious Emissions, Test Equipment

END OF REPORT