

February 11, 2026

Zoox
Alex Poux
1149 Chess Drive
Foster City, CA 94404

Dear Alex Poux,

Enclosed is the Electromagnetic Compatibility for the Zoox, PROX Controller, tested to the requirements of:

- FCC 47 CFR Part 15 Subpart F, §15.519

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: WIRS137766-FCC 15.519



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Report Status Sheet

Revision	Report Date	Reason for Revision
Ø	February 11, 2026	Initial Issue.

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1.0 Testing Summary

The Zoox, PROX Controller was found to be compliant to the following specification(s).

- FCC 47 CFR Part 15 Subpart F, §15.519



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
Peak EIRP Level	§15.519(e), §15.521(g)	Complies
10 dB Bandwidth	§15.519(b), §15.503(d)	Complies
Transmitter On/Off Time	§15.519(a)	Complies
Radiated Spurious Emissions	§15.519(c)(d), §15.521(c)(d)	Complies

2.0 Overview

Eurofins E&E Testing NA, LLC was contracted by Zoox to perform testing on the PROX Controller, under purchase order number 4300046331.

This document describes the test setups, test methods, required test equipment, and the test limit criteria used to perform compliance testing of Zoox, PROX Controller.

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

Model(s) Tested:	PROX Controller
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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 Equipment Overview and Test Configuration

Name of EUT/Model:	PROX Controller
Additional Models Covered, but not tested:	N/A
Description of EUT and Intended Use:	The PROX system, short for Proximity Detection ECU (Electronic Control Unit), is a proprietary technology developed by Zoox to facilitate a seamless and automated entry and exit experience for riders. PROX is used for authentication and distance estimation of a rider when they are near a Zoox vehicle at a pick up or drop off location. PROX communicates with the rider's mobile app using Bluetooth and Ultra-wideband radios.
Mode(s) of Operation:	UWB Ch 5: 6489.6MHz : BPRF (62.4M, 6.8Mbps), HPRF (124.8M, 6.8Mbps), HPRF (249.6M, 27.2Mbps) Ch 9: 7987.2MHz : BPRF (62.4M, 6.8Mbps), HPRF (124.8M, 6.8Mbps), HPRF (249.6M, 27.2Mbps)
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:	9-16 VDC
AC or DC	DC
Voltage Frequency:	DC
Number of Phases:	1

Amperage:	~500 mA
Uses an external AC/DC Adapter:	No
Battery Return Configuration (DC-C, DC-I, or either):	N/A
Physical Description	
EUT Arrangement:	Battery Operated
System with Multiple Chassis:	No
Size (HxWxD):	0.47 x 3.46 x 3.5 inches
Weight:	150 g
Emissions Class Declaration:	A
Other Info:	
Highest frequency used in device:	7987.2 MHz
EUT Software (internal to EUT):	Yes
Support Software (used by support PC to exercise EUT):	Test_GUI_terminal

Note: EUT information was provided by Zoxx, Inc.

Equipment Configuration List

Name/Description	Part Number	Serial Number
PROX Controller	P000000300-08-AB	25244.00012

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

Support Equipment List

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

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

Ports and Cabling List

N/A

Antenna Information

Radio	Antenna Type	Manufacturer	Part No	Frequency Range	Peak Gain
BLE	Chip Antenna	Abracon	NINA-B416	2402 – 2480 MHz	3.0 dBi
UWB	Chip Antenna	TDK	ZDEA167250 T-02222A1	CH5: 6489.6 MHz CH9: 7987.2 MHz	3.7 dBi

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

2.3 Modifications to the EUT

No modifications were made to the EUT.

2.4 Modifications to the Standard

No modifications were made to the Test Standard.

2.5 Disposition of EUT

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

3.0 Electromagnetic Compatibility Criteria

3.1 Peak EIRP Level

Test Standard: FCC 47 CFR Part 15 Subpart F, §15.519: Technical requirements for hand held UWB systems:

- §15.519(e): There is a limit on the peak level of the emissions contained within a 50 MHz bandwidth centered on the frequency at which the highest radiated emission occurs, f_M . That limit is 0 dBm EIRP. It is acceptable to employ a different resolution bandwidth, and a correspondingly different peak emission limit, following the procedures described in §15.521.

FCC 47 CFR Part 15 Subpart F, §15.521: Technical requirements applicable to all UWB devices:

- §15.521(g): When a peak measurement is required, it is acceptable to use a resolution bandwidth other than the 50 MHz specified in this subpart. This resolution bandwidth shall not be lower than 1 MHz or greater than 50 MHz, and the measurement shall be centered on the frequency at which the highest radiated emission occurs, f_M . If a resolution bandwidth other than 50 MHz is employed, the peak EIRP limit shall be $20 \log (RBW/50)$ dBm where RBW is the resolution bandwidth in megahertz that is employed. This may be converted to a peak field strength level at 3 meters using $E(dBuV/m) = P(dBm \text{ EIRP}) + 95.2$. If RBW is greater than 3 MHz, the application for certification filed with the Commission must contain a detailed description of the test procedure, calibration of the test setup, and the instrumentation employed in the testing.

ANSI C63.10-2020: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

Test Method: EIRP values from the UWB transmitter were measured in a semi-anechoic chamber in accordance with ANSI C63.10-2020 UWB procedures, while applying the technical requirements of FCC §15.519(e) and FCC §15.521(g).

The UWB radio was configured for continuous transmission on the worst-case operating channels (e.g., channels 5 and 9) and for all supported PRF modes and data rates identified as worst-case in the test configuration table to determine the maximum EIRP value.

Test Procedure: The UWB radio was configured for continuous transmission on the selected channel (5 or 9) using the worst-case PRF mode and data rate identified in the Test Configuration table. The EUT was installed on a non-conductive support 1.5m above the ground plane for above 1 GHz on a motorized turntable in a semi-anechoic chamber with all support equipment and loads connected to represent normal operation. EIRP values were measured at 3m distance using appropriate horn antenna.

The turntable was rotated 0-360° and the antenna height was varied from 1m to 4m in both horizontal and vertical polarizations to maximize the EIRP level. Measurements were performed using a peak detector with a 50 MHz RBW. All readings were corrected for antenna factor, cable loss, pre-amplifier gain, and distance to derive the final EIRP values reported.

Test Results:

Test Standard:	FCC 15.519(e), FCC 15.521(g)
Test Name	Peak EIRP Level
Test Dates:	12/22/2025
Laboratory	Eurofins E&E Testing NA, LLC
Test Engineer:	Chin Ming Lui
Test Results:	Compliant

Test Configuration:

The UWB radio was configured to channels 5 and 9 as follows:

Channel	Frequency (MHz)	PRF Mode	Data Rate (Mbps)	RFRAME_CONFIG	Number of STS Segments	Payload	Offset
5	6489.6	BPRF (62.4M)	6.8	SP0	-	127	0
		HPRF (124.8M)	6.8	SP3	1	0	0
		HPRF (249.6M)	27.2	SP0	-	1023	0
9	7987.2	BPRF (62.4M)	6.8	SP0	-	127	0
		HPRF (124.8M)	6.8	SP3	2	0	0
		HPRF (249.6M)	27.2	SP0	-	1023	0

FCC Inquiry:

KDB Inquiry Tracking Number: 442552

Per FCC 47 CFR Part 15 Subpart F, §15.521(g): If RBW is greater than 3 MHz, the application for certification filed with the Commission must contain a detailed description of the test procedure, calibration of the test setup, and the instrumentation employed in the testing. The following steps are part of the system calibration and were performed before testing:

- 1) Check calibration of test receiver:
R&S EMI Receiver ESW44 Serial Number 103151 was calibrated for 50 MHz BW by HCT Calibration (A2LA Accredited Calibration Lab) on 2025-08-15. The calibration certification number is HA2025C002279.
- 2) Check that margin of noise floor is greater than 6dB below the limit line:
As part of the system calibration, the noise floor was checked in two required ranges: 6-7 GHz and 7.5-8.5GHz with RBW=50 MHz (UWB Channel 5 and channel 9)
Noise floor level was verified to have a greater than 6dB margin from the limit line.
- 3) Verify the amplitude level with known source:
A comb generator used for daily verification was used for amplitude verification bandwidth settings RBW=50 MHz & VBW=80 MHz. The amplitude of the comb generator was verified to be within ± 3 dB of the daily values taken with bandwidth settings RBW=1MHz and VBW=3MHz.

UWB Peak EIRP Measurements

Channel	Frequency (MHz)	Data Rate	Peak EIRP (dBm / 50 MHz RBW)	Peak EIRP Limit (dBm / 50 MHz RBW)
5	6489.6	BPRF (62.4M)	-5.313	0
		HPRF (124.8M)	-14.77	0
		HPRF (249.6M)	-20.413	0
9	7987.2	BPRF (62.4M)	-9.153	0
		HPRF (124.8M)	-16.729	0
		HPRF (249.6M)	-18.355	0

Table 1. UWB EIRP Measurements Test Results

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
6488.75	Peak (PASS)	-5.313	0	-5.313	2.173	54	Horizontal	50000000	0.1	3.282
6491.25	Peak (PASS)	-9.861	0	-9.861	2.065	101	Vertical	50000000	0.1	3.105

Table 2. Peak EIRP, UWB Channel 5 6489.6MHz BPRF 62.4M, Test Results

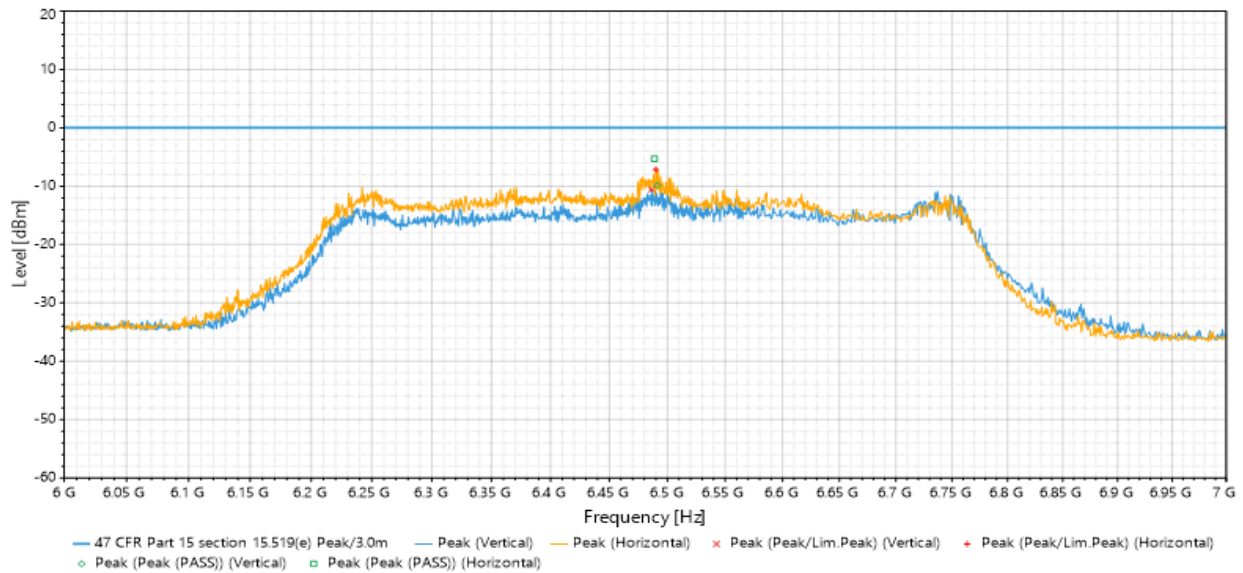


Figure 1. Peak EIRP, UWB Channel 5 6489.6MHz BPRF 62.4M, Plot

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
6427.125	Peak (PASS)	-14.77	0	-14.77	2.176	55	Horizontal	50000000	0.1	3.247
6550.75	Peak (PASS)	-17.575	0	-17.575	2.064	88	Vertical	50000000	0.1	3.16

Table 3. Peak EIRP, UWB Channel 5 6489.6MHz HPRF 124.8M, Test Results

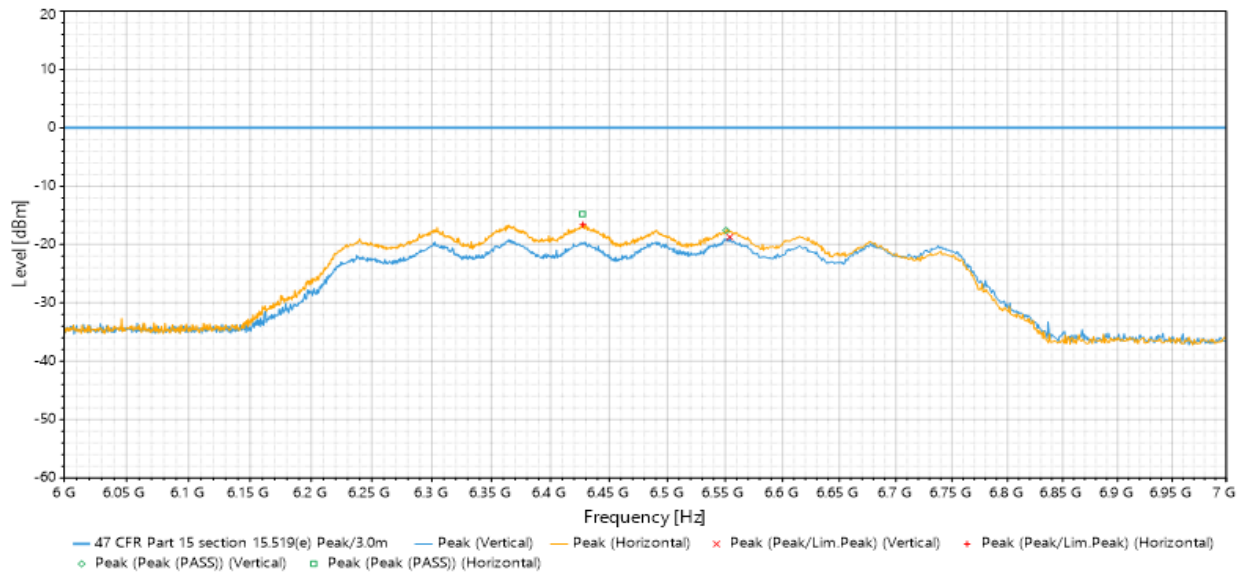


Figure 2. Peak EIRP, UWB Channel 5 6489.6MHz HPRF 124.8M, Plot

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
6490.75	Peak (PASS)	-21.186	0	-21.186	2.175	12	Horizontal	50000000	0.1	3.283
6708.12	Peak (PASS)	-20.413	0	-20.413	2.056	-23	Vertical	50000000	0.1	3.282

Table 4. Peak EIRP, UWB Channel 5 6489.6MHz HPRF 249.6M, Test Results

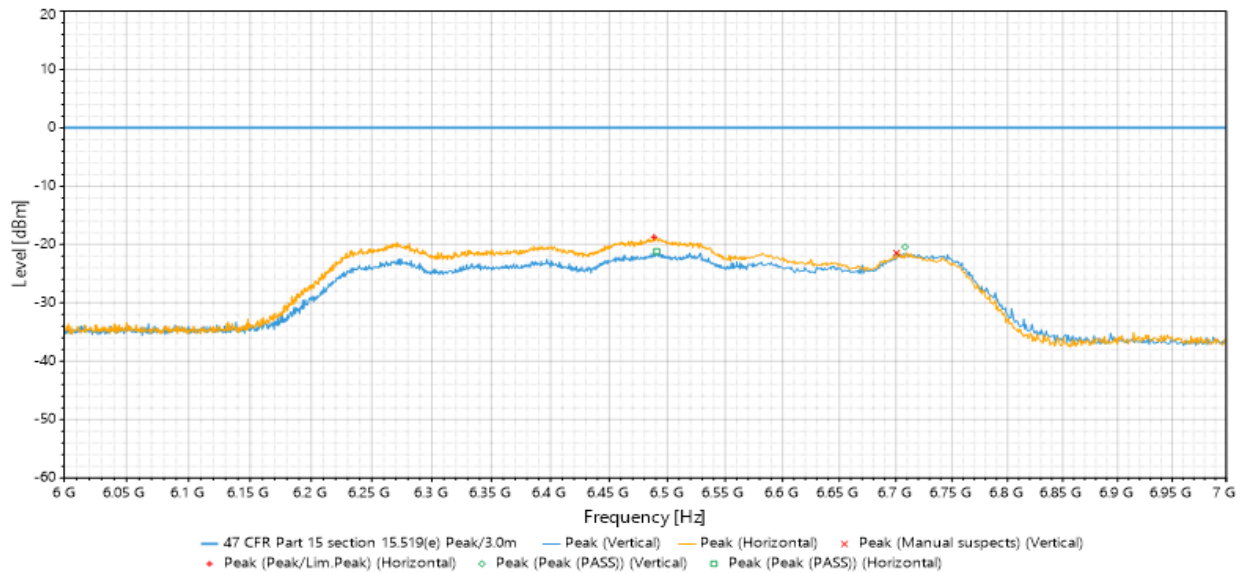


Figure 3. Peak EIRP, UWB Channel 5 6489.6MHz HPRF 249.6M, Plot

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
7987.37	Peak (PASS)	-9.153	0	-9.153	2.051	-28	Vertical	50000000	0.1	5.779
8000.25	Peak (PASS)	-17.305	0	-17.305	1.589	125	Horizontal	50000000	0.1	5.69

Table 5. Peak EIRP, UWB Channel 9 7987.2MHz BPRF 62.4M, Test Results

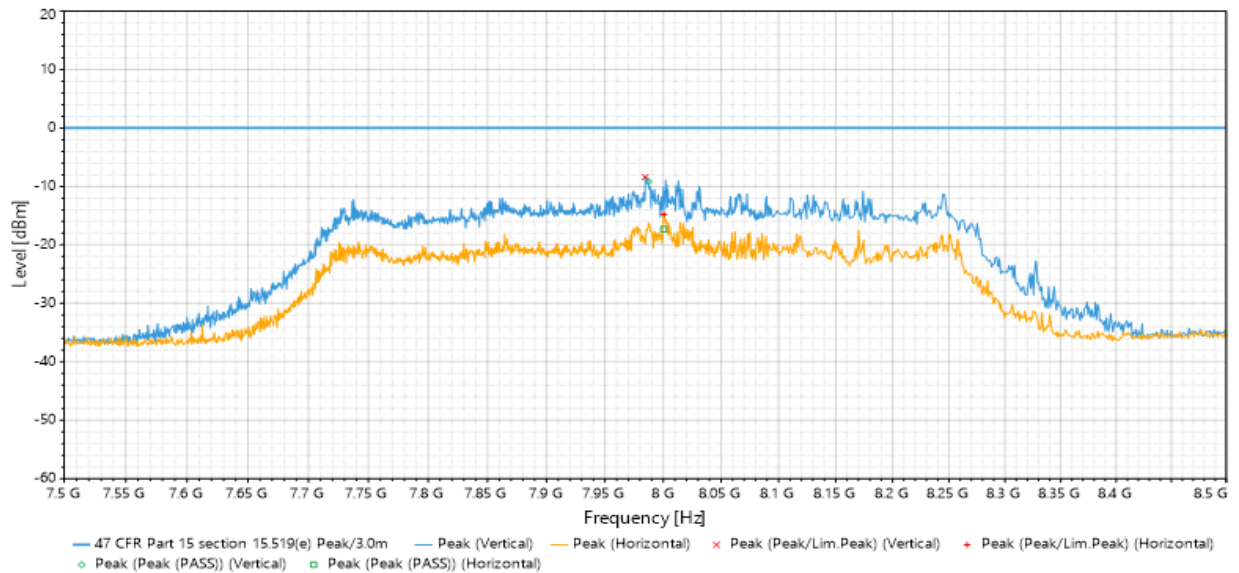


Figure 4. Peak EIRP, Channel 9 7987.2MHz BPRF 62.4M, Plot

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
8052.705	Peak (PASS)	-16.729	0	-16.729	2.043	-24	Vertical	50000000	0.1	5.928
8052.88	Peak (PASS)	-23.582	0	-23.582	1.594	127	Horizontal	50000000	0.1	5.81

Table 6. Peak EIRP, UWB Channel 9 7987.2MHz HPRF 124.8M, Test Results

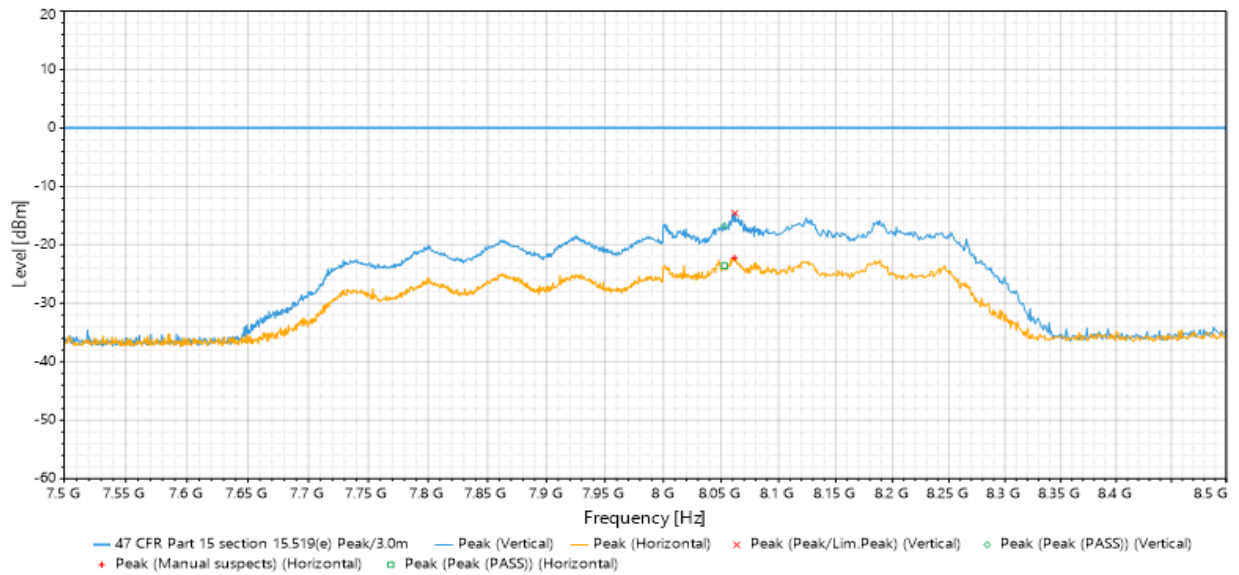


Figure 5. Peak EIRP, UWB Channel 9 7987.2MHz HPRF 124.8M, Plot

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
8000.039	Peak (PASS)	-26.17	0	-26.17	1.479	126	Horizontal	50000000	0.1	5.69
8210.354	Peak (PASS)	-18.355	0	-18.355	2.03	-24	Vertical	50000000	0.1	6.293

Table 7. Peak EIRP, UWB Channel 9 7987.2MHz HPRF 249.6M, Test Results

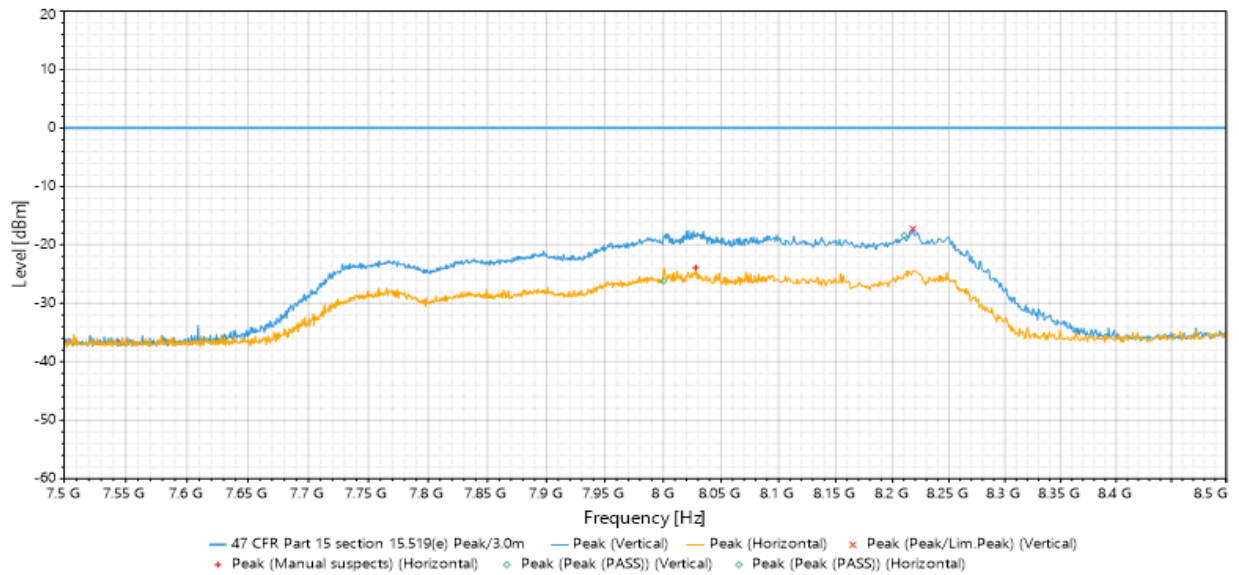


Figure 6. Peak EIRP, UWB Channel 9 7987.2MHz HPRF 249.6M, Plot

3.2 10 dB Bandwidth

Test Standard:	FCC 47 CFR Part 15 Subpart F, §15.519: Technical requirements for hand held UWB systems: §15.519(b): The UWB bandwidth of a device operating under the provisions of this section must be contained between 3100 MHz and 10,600 MHz. FCC 47 CFR Part 15 Subpart F, §15.503: Definitions: §15.503(d): Ultra-wideband (UWB) transmitter. An intentional radiator that, at any point in time, has a fractional bandwidth equal to or greater than 0.20 or has a UWB bandwidth equal to or greater than 500 MHz, regardless of the fractional bandwidth. ANSI C63.10-2020: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
Test Method:	10dB Bandwidth measurements from the UWB transmitter were measured in a semi-anechoic chamber in accordance with ANSI C63.10-2020 UWB procedures, while applying the technical requirements of FCC §15.519(b) and FCC §15.503(d). The UWB radio was configured for continuous transmission on the worst-case operating channels (e.g., channels 5 and 9) and for all supported PRF modes and data rates identified as worst-case in the test configuration table to determine the 10 dB Bandwidth.
Test Procedure:	The UWB radio was configured for continuous transmission on the selected channel (5 or 9) using the worst-case PRF mode and data rate identified in the Test Configuration table. The EUT was installed on the turntable inside a semi-anechoic chamber. A spectrum analyzer with measurement antenna was used to measure the 10 dB bandwidth.

Test Results:

Test Standard:	FCC 15.519(b), FCC 15.503(d)
Test Name	10 dB Bandwidth
Test Dates:	01/15/2026
Laboratory	Eurofins E&E Testing NA, LLC
Test Engineer:	Chin Ming Lui
Test Results:	Compliant

Test Configuration:

The UWB radio was configured to channels 5 and 9 as follows:

Channel	Frequency (MHz)	PRF Mode	Data Rate (Mbps)	RFRAME CONFIG	Number of STS Segments	Payload	Offset
5	6489.6	BPRF (62.4M)	6.8	SP0	-	127	0
		HPRF (124.8M)	6.8	SP3	1	0	0
		HPRF (249.6M)	27.2	SP0	-	1023	0
9	7987.2	BPRF (62.4M)	6.8	SP0	-	127	0
		HPRF (124.8M)	6.8	SP3	2	0	0
		HPRF (249.6M)	27.2	SP0	-	1023	0

10 dB Bandwidth

Channel	Frequency (MHz)	Data Rate	Lower Frequency (MHz)	Upper Frequency (MHz)	Measured 10 dB BW (MHz)	Limit	
						Lower Frequency (MHz)	Upper Frequency (MHz)
5	6489.6	BPRF (62.4M)	6229.1	6747.2	518.1	3100	10600
		HPRF (124.8M)	6211.7	6761.7	549.9	3100	10600
		HPRF (249.6M)	6214.6	6764.6	549.9	3100	10600
9	7987.2	BPRF (62.4M)	7728.2	8233.2	505	3100	10600
		HPRF (124.8M)	7716.6	8247.7	531.1	3100	10600
		HPRF (249.6M)	7718	8257.8	539.8	3100	10600

Table 8. 10 dB Bandwidth Test Results

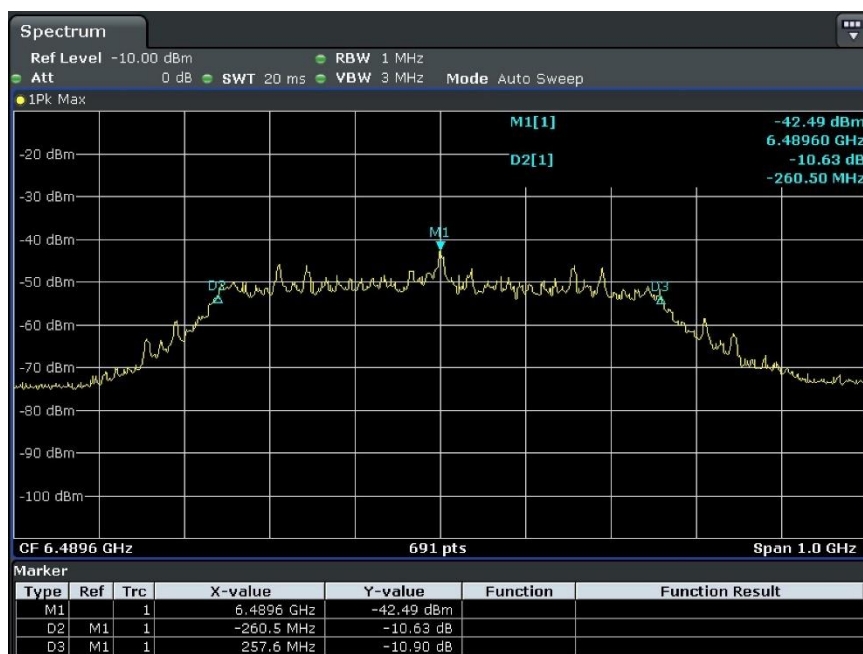


Figure 7. 10 dB Bandwidth: UWB Channel 5 6489.6MHz BPRF 62.4M, Plot

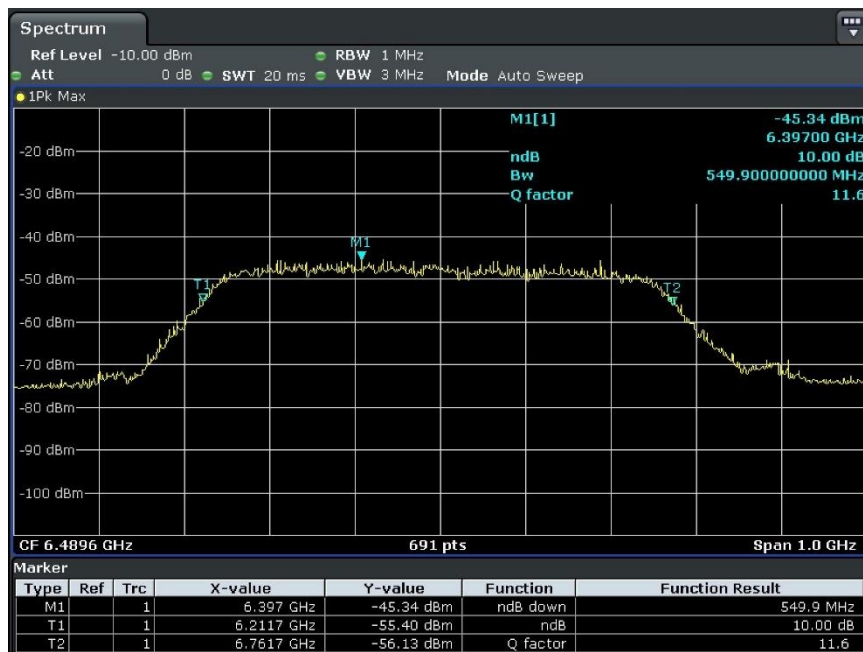


Figure 8. 10 dB Bandwidth: UWB Channel 5 6489.6MHz HPRF 124.8M, Plot

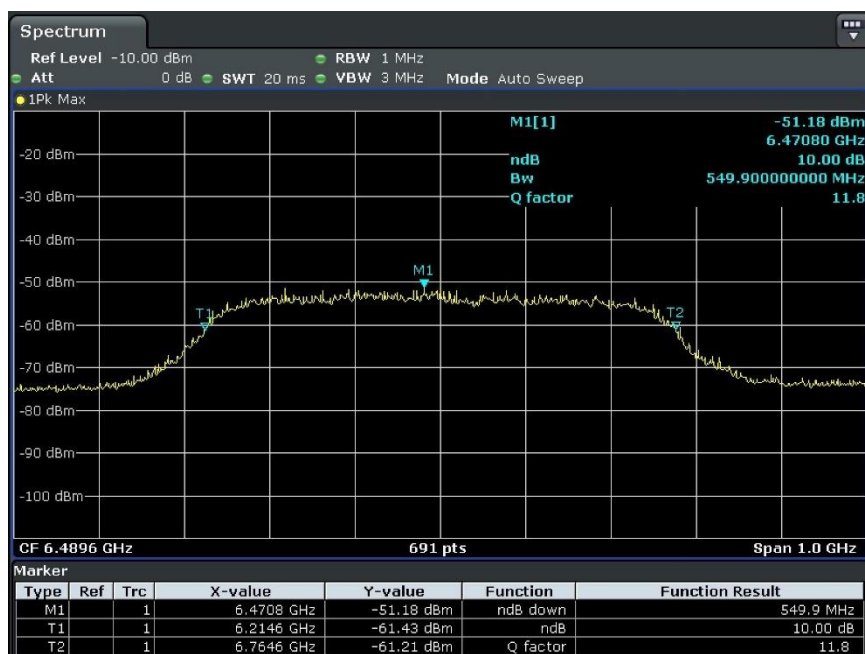


Figure 9. 10 dB Bandwidth: UWB Channel 5 6489.6MHz HPRF 249.6M, Plot



Figure 10. 10 dB Bandwidth: UWB Channel 9 7987.2MHz BPRF 62.4M, Plot

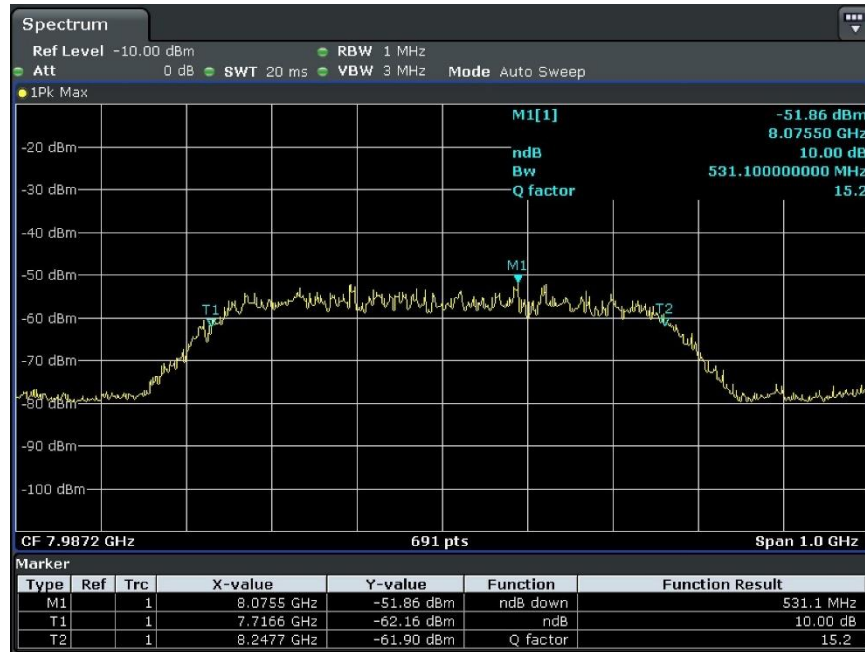


Figure 11. 10 dB Bandwidth: UWB Channel 9 7987.2MHz HPRF 124.8M, Plot

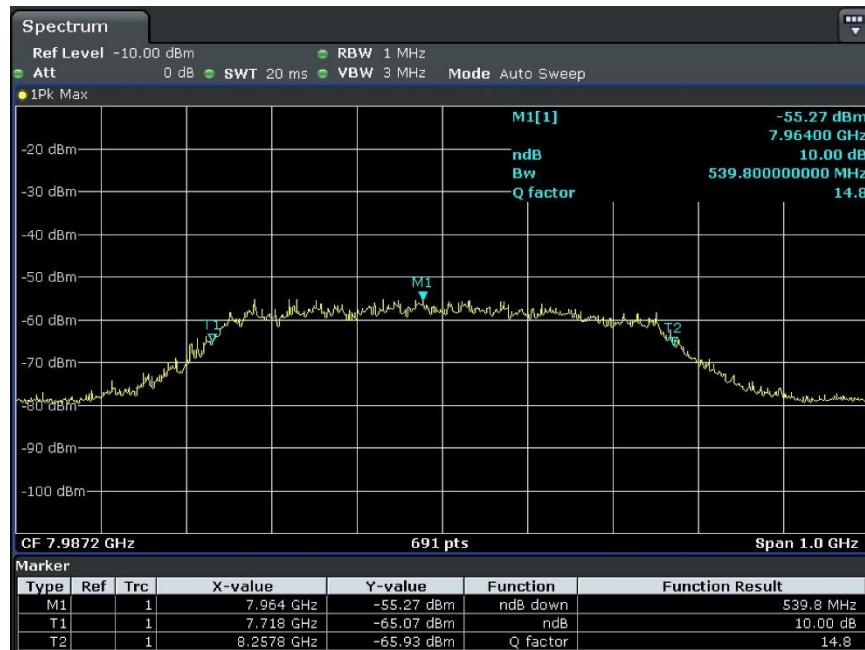


Figure 12. 10 dB Bandwidth: UWB Channel 9 7987.2MHz BPRF 62.4M, Plot

3.3 Transmitter On/Off Time

- Test Standard:** FCC 47 CFR Part 15 Subpart F, §15.519: Technical requirements for hand held UWB systems:
- §15.519(a)(1): A UWB device operating under the provisions of this section shall transmit only when it is sending information to an associated receiver. The UWB intentional radiator shall cease transmission within 10 seconds unless it receives an acknowledgement from the associated receiver that its transmission is being received. An acknowledgment of reception must continue to be received by the UWB intentional radiator at least every 10 seconds or the UWB device must cease transmitting.

ANSI C63.10-2020: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

Test Method: The UWB transmitter on/off time was measured in a semi-anechoic chamber in accordance with ANSI C63.10-2020 UWB procedures, while applying the technical requirements of FCC §15.519(a).

Test Procedure: The UWB radio was configured for continuous transmission on a selected channel (5 or 9). The EUT was installed on the turntable inside a semi-anechoic chamber. A spectrum analyzer with measurement antenna was used to monitor the On/Off time of the transmitter within a 10 second window.

Test Results:

Test Standard:	FCC 15.519(a)
Test Name	Transmitter On/Off Time
Test Dates:	01/15/2026
Laboratory	Eurofins E&E Testing NA, LLC
Test Engineer:	Chin Ming Lui
Test Results:	Compliant

Transmitter On/Off Time

Frequency (MHz)	Measured Time (s)	Time Limit (s)
7987.2	1.4406	10

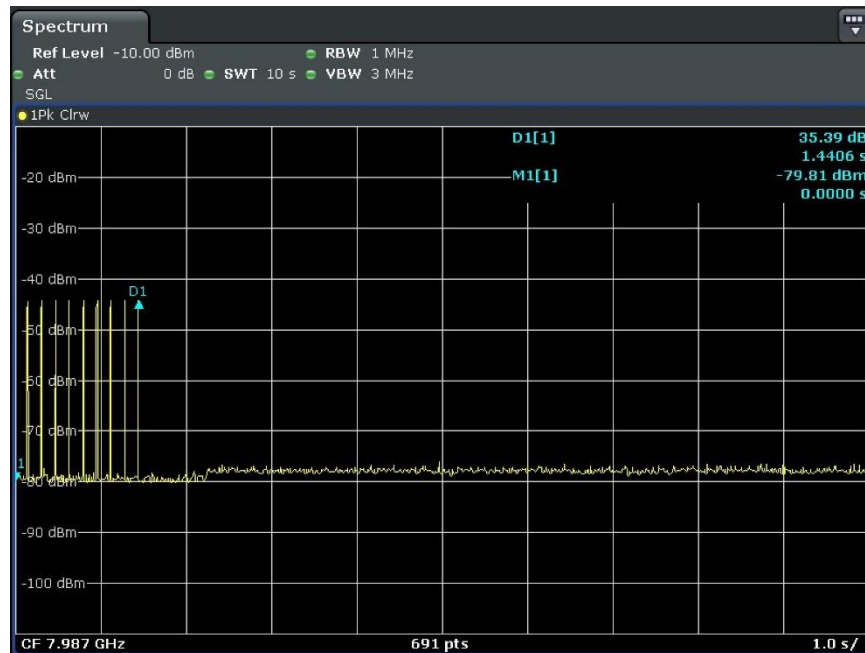


Figure 13. Transmitter On/Off Time in 10 Second Window, Plot

3.4 Radiated Spurious Emissions

Test Standard:	FCC 47 CFR Part 15 Subpart F, §15.519: Technical requirements for hand held UWB systems. FCC 47 CFR Part 15 Subpart F, §15.521: Technical requirements applicable to all UWB devices. FCC 47 CFR §15.209: Radiated emissions limits; general requirements ANSI C63.10-2020: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
Test Method:	Radiated spurious emissions from the UWB transmitter were measured in a semi-anechoic chamber in accordance with ANSI C63.10-2020 UWB procedures, while applying the technical requirements of FCC §15.519 and the general radiated emission rules of Part 15. The UWB radio was configured for continuous transmission on the worst-case operating channels (e.g., channels 5 and 9) and for all supported PRF modes and data rates identified as worst-case in the test configuration table. Emissions were scanned from the lowest required frequency up to 40 GHz, and the maximum field strength/EIRP was determined for each significant emission.
Test Procedure:	The UWB radio was configured for continuous transmission on the selected channel (5 or 9) using the worst-case PRF mode and data rate identified in the Test Configuration table. The EUT was installed on a non-conductive support 0.8m and 1.5m above the ground plane for 30 MHz to 1 GHz and above 1 GHz, respectively, above the ground plane on a motorized turntable in a semi-anechoic chamber with all support equipment and loads connected to represent normal operation. Radiated emissions were measured at 3m from 30 MHz to 1 GHz and at 1m or 3m above 1 GHz, using appropriate loop, biconical/log-periodic, and horn antennas. The measurement range extended from the lowest required frequency up to 40 GHz. For each emission, the turntable was rotated 0-360° and the antenna height was varied from 1m to 4m in both horizontal and vertical polarizations to maximize the level. Below 960 MHz, emissions were measured with CISPR quasi-peak detector and bandwidths. Above 960 MHz, measurements used an RMS-average detector with 1 MHz RBW (and RBW ≥ 1 kHz in the GNSS bands), with additional peak measurements where required. All readings were corrected for antenna factor, cable loss, pre-amplifier gain, and distance to derive the final field-strength/EIRP values reported.

Test Results:

Test Standard:	FCC 15.519, FCC 15.521, FCC 15.209
Test Name	Radiated Spurious Emissions
Test Dates:	12/22/2025 – 12/23/2025 01/05/2026 – 01/06/2026
Laboratory	Eurofins E&E Testing NA, LLC
Test Engineer:	Chin Ming Lui
Test Results:	Compliant

Test Configuration:

The UWB radio was configured to channels 5 and 9 as follows:

Channel	Frequency (MHz)	PRF Mode	Data Rate (Mbps)	RFRAME_CONFIG	Number of STS Segments	Payload	Offset
5	6489.6	BPRF (62.4M)	6.8	SP0	-	127	0
		HPRF (124.8M)	6.8	SP3	1	0	0
		HPRF (249.6M)	27.2	SP0	-	1023	0
9	7987.2	BPRF (62.4M)	6.8	SP0	-	127	0
		HPRF (124.8M)	6.8	SP3	2	0	0
		HPRF (249.6M)	27.2	SP0	-	1023	0

Test Data

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
31.23	QuasiPeak (PASS)	18.795	40	-21.205	1.316	5	Horizontal	120000	0.1	-3.379
37.312	QuasiPeak (PASS)	22.341	40	-17.659	2.967	290	Horizontal	120000	0.1	-8.092
39.192	QuasiPeak (PASS)	17.541	40	-22.459	2.763	7	Vertical	120000	0.1	-12.198
43.476	QuasiPeak (PASS)	12.616	40	-27.384	2.525	215	Horizontal	120000	0.1	-12.496
56.162	QuasiPeak (PASS)	18.628	40	-21.372	2.069	167	Vertical	120000	0.1	-15.197
105.806	QuasiPeak (PASS)	14.976	43.522	-28.546	1.03	363	Vertical	120000	0.1	-10.026

Table 9. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (30 – 960 MHz) Test Results

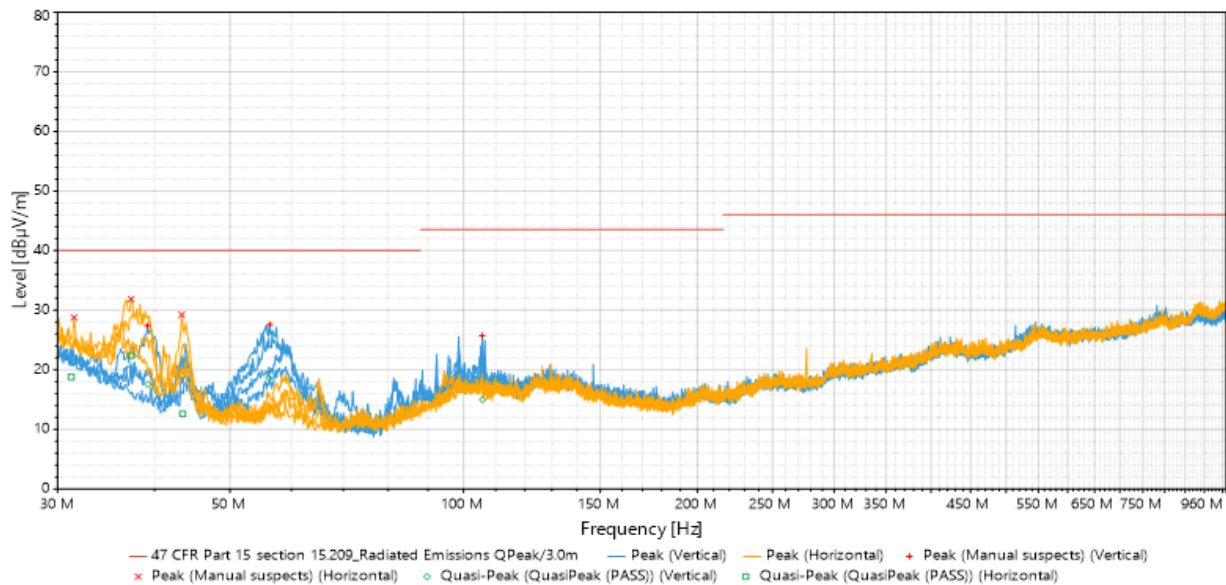


Figure 14. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (30 – 960 MHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=120kHz, VBW=500kHz, Final: RBW = 120kHz, VBW=500kHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
32.356	QuasiPeak (PASS)	17.777	40	-22.223	1.069	272	Horizontal	120000	0.1	-4.182
57.888	QuasiPeak (PASS)	18.502	40	-21.498	2.733	299	Vertical	120000	0.1	-14.761
58.668	QuasiPeak (PASS)	9.597	40	-30.403	2.224	15	Horizontal	120000	0.1	-14.993
98.392	QuasiPeak (PASS)	20.494	43.522	-23.028	1.619	333	Vertical	120000	0.1	-10.473
105.766	QuasiPeak (PASS)	14.709	43.522	-28.813	2.735	236	Vertical	120000	0.1	-10.029
843.712	QuasiPeak (PASS)	21.384	46.021	-24.637	2.119	7	Horizontal	120000	0.1	0.738

Table 10. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (30 – 960 MHz) Test Results

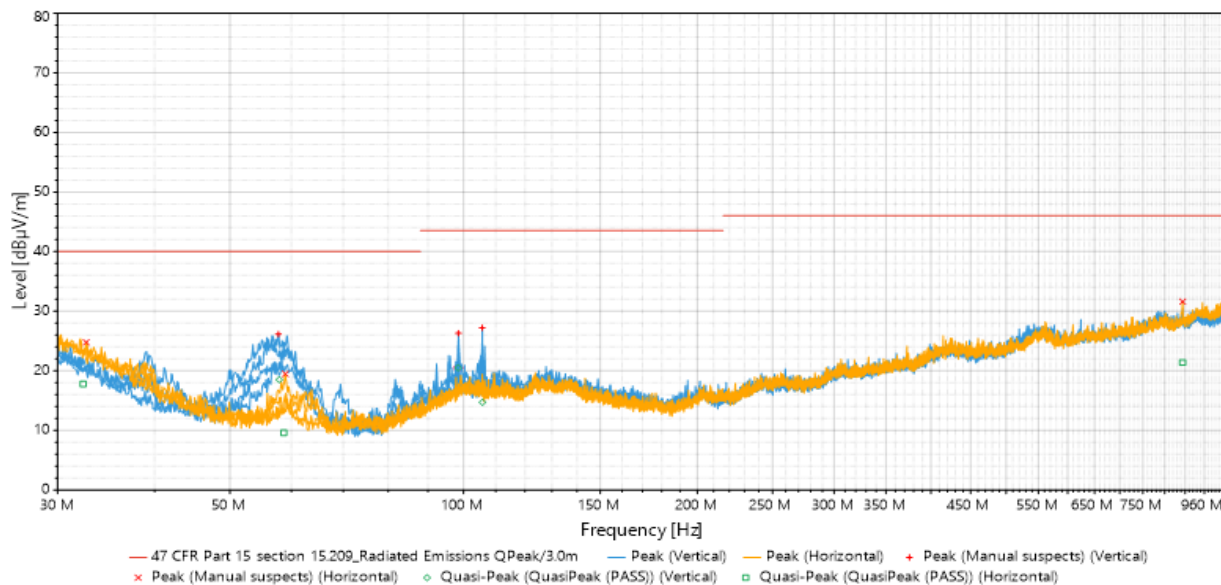


Figure 15. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (30 – 960 MHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=120kHz, VBW=500kHz, Final: RBW = 120kHz, VBW=500kHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
30.58	QuasiPeak (PASS)	20.303	40	-19.697	2.192	123	Horizontal	120000	0.1	-2.932
32.066	QuasiPeak (PASS)	19.421	40	-20.579	3.469	264	Horizontal	120000	0.1	-3.986
38.816	QuasiPeak (PASS)	16.825	40	-23.175	1.16	224	Vertical	120000	0.1	-11.964
58.344	QuasiPeak (PASS)	21.016	40	-18.984	1.962	46	Vertical	120000	0.1	-14.582
98.846	QuasiPeak (PASS)	13.145	43.522	-30.377	2.783	306	Vertical	120000	0.1	-10.41
315.83	QuasiPeak (PASS)	12.816	46.021	-33.205	1.381	73	Horizontal	120000	0.1	-7.317

Table 11. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (30 – 960 MHz) Test Results

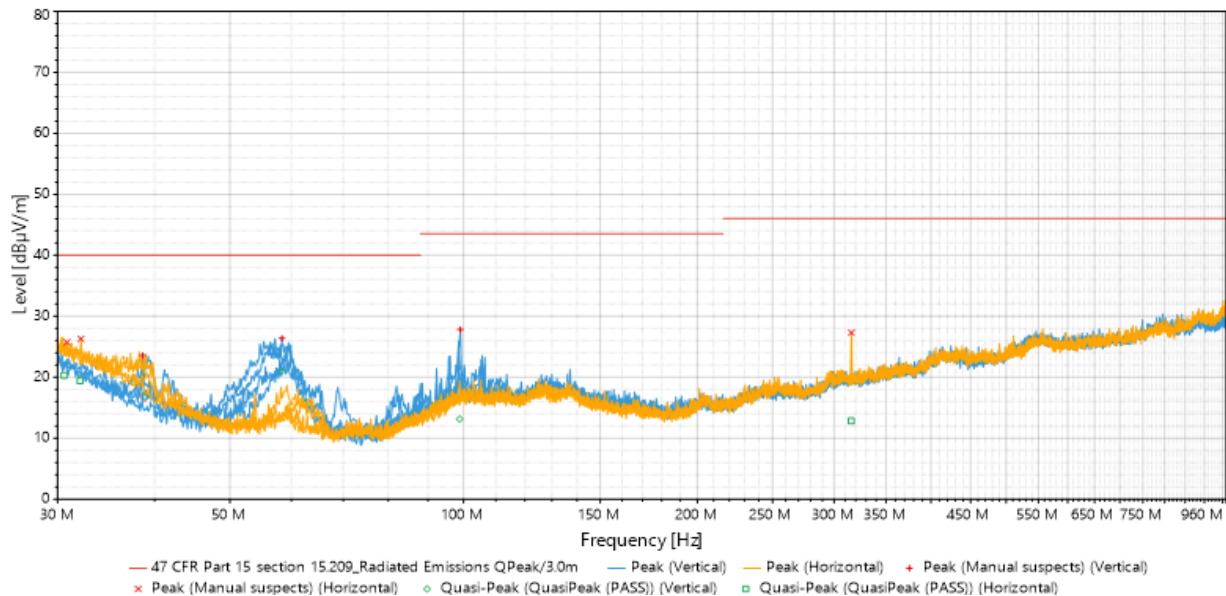


Figure 16. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (30 – 960 MHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=120kHz, VBW=500kHz, Final: RBW = 120kHz, VBW=500kHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
961.64	RMS (PASS)	-92.258	-75.3	-16.958	1.03	286	Vertical	1000000	0.1	6.925
967.435	RMS (PASS)	-90.416	-75.3	-15.116	1.03	341	Horizontal	1000000	0.1	8.423
982.9875	RMS (PASS)	-89.961	-75.3	-14.661	1.03	243	Horizontal	1000000	0.1	8.531
989.3175	RMS (PASS)	-91.96	-75.3	-16.66	1.03	52	Vertical	1000000	0.1	7.198
990.905	RMS (PASS)	-90.164	-75.3	-14.864	1.03	148	Horizontal	1000000	0.1	8.577
999.4325	RMS (PASS)	-92.158	-75.3	-16.858	1.03	366	Vertical	1000000	0.1	7.285

Table 12. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (960 MHz – 1 GHz) Test Results

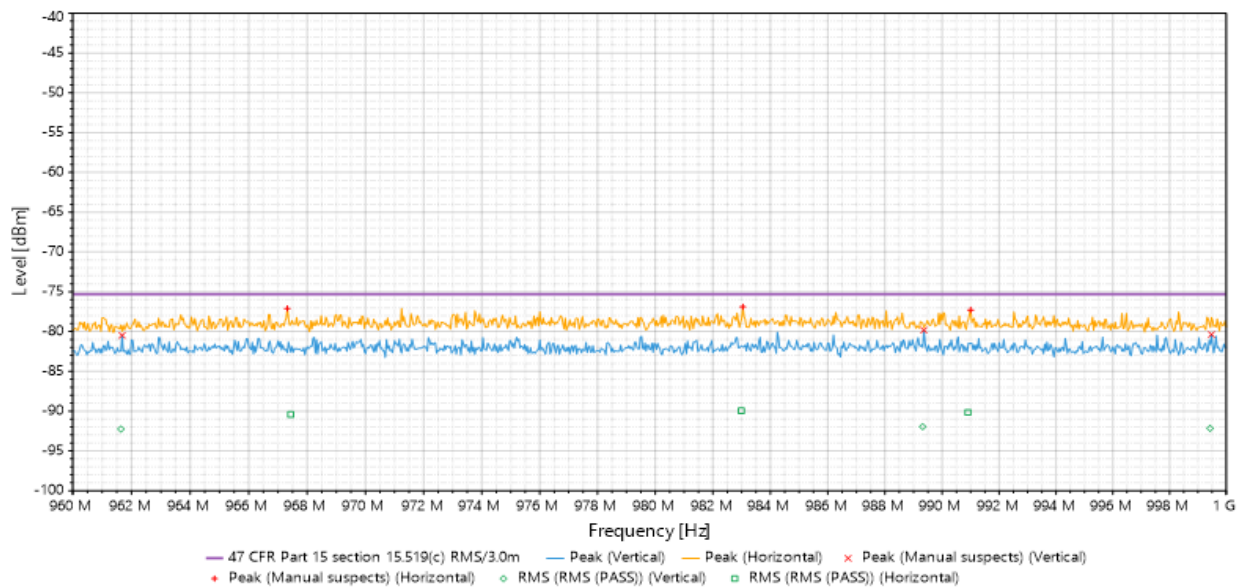


Figure 17. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (960 MHz – 1 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1MHz, VBW=3MHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
964.5325	RMS (PASS)	-90.205	-75.3	-14.905	1.03	72	Horizontal	1000000	0.1	8.397
966.2425	RMS (PASS)	-91.579	-75.3	-16.279	1.03	-15	Vertical	1000000	0.1	6.978
978.915	RMS (PASS)	-91.277	-75.3	-15.977	1.03	102	Vertical	1000000	0.1	7.107
981.2175	RMS (PASS)	-89.616	-75.3	-14.316	1.03	53	Horizontal	1000000	0.1	8.52
993.7475	RMS (PASS)	-90.129	-75.3	-14.829	1.03	173	Horizontal	1000000	0.1	8.593
997.1975	RMS (PASS)	-91.897	-75.3	-16.597	1.03	328	Vertical	1000000	0.1	7.266

Table 13. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (960 MHz – 1 GHz) Test Results

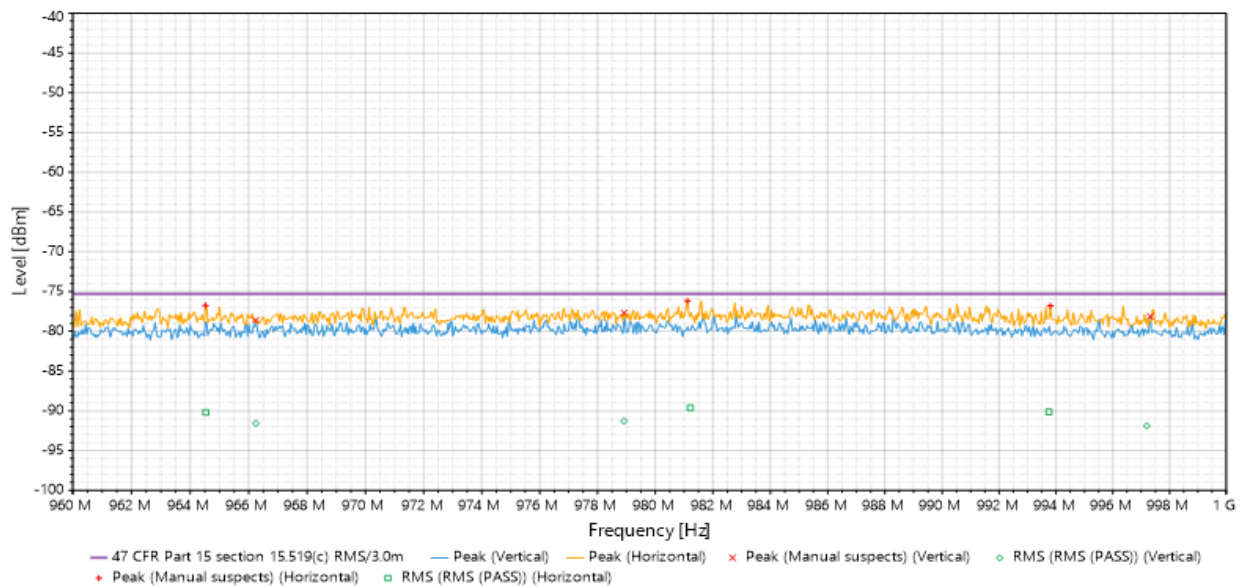


Figure 18. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (960 MHz – 1 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1MHz, VBW=3MHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
971.8725	RMS (PASS)	-90.412	-75.3	-15.112	1.03	162	Horizontal	1000000	0.1	8.458
978.9175	RMS (PASS)	-91.543	-75.3	-16.243	1.03	83	Vertical	1000000	0.1	7.107
980.9875	RMS (PASS)	-89.963	-75.3	-14.663	1.03	221	Horizontal	1000000	0.1	8.519
984.5175	RMS (PASS)	-89.877	-75.3	-14.577	1.03	12	Horizontal	1000000	0.1	8.54
986.76	RMS (PASS)	-91.366	-75.3	-16.066	1.03	271	Vertical	1000000	0.1	7.176
989.435	RMS (PASS)	-91.504	-75.3	-16.204	1.03	-30	Vertical	1000000	0.1	7.199

Table 14. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (960 MHz – 1 GHz) Test Results

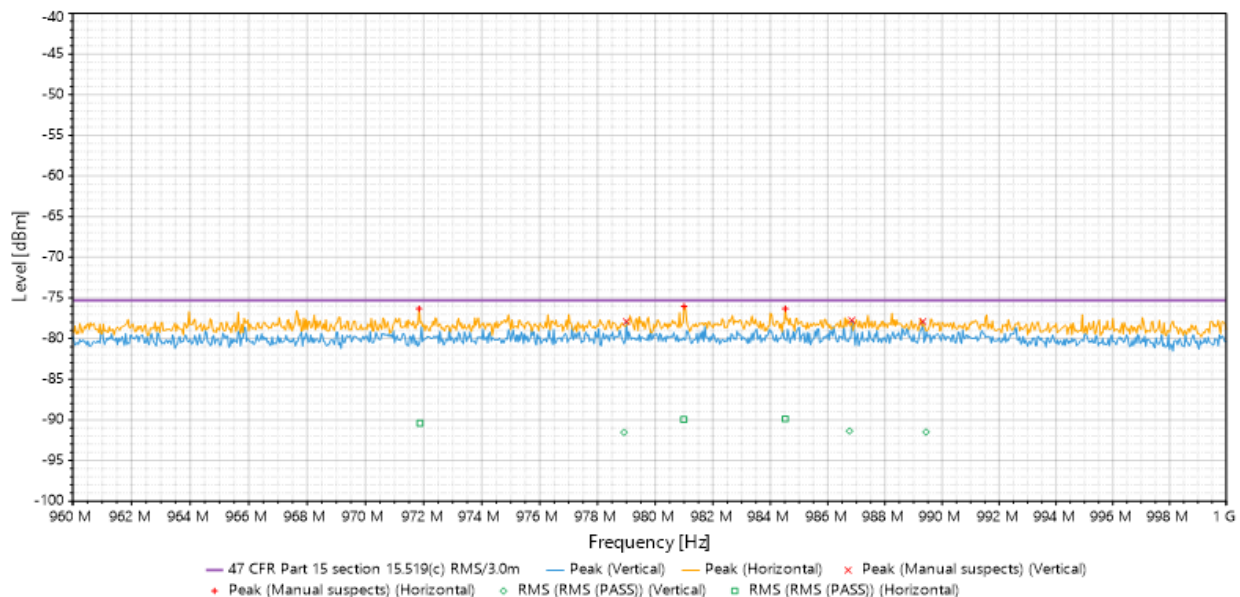


Figure 19. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (960 MHz – 1 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1MHz, VBW=3MHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1002.82	RMS (PASS)	-78.213	-75.3	-2.913	1.5	222	Horizontal	1000000	0.1	-16.85
1393.02	RMS (PASS)	-79.069	-75.3	-3.769	1.5	-5	Vertical	1000000	0.1	-15.847
1520.15	RMS (PASS)	-79.777	-75.3	-4.477	1.5	-30	Horizontal	1000000	0.1	-16.471
1520.71	RMS (PASS)	-79.8	-75.3	-4.5	1.5	25	Vertical	1000000	0.1	-16.473
1529.29	RMS (PASS)	-79.481	-75.3	-4.181	1.5	-5	Vertical	1000000	0.1	-16.427
1530.38	RMS (PASS)	-79.423	-75.3	-4.123	1.5	20	Horizontal	1000000	0.1	-16.425
1543.97	RMS (PASS)	-79.23	-75.3	-3.93	1.5	19	Horizontal	1000000	0.1	-16.363
1558.92	RMS (PASS)	-79.127	-75.3	-3.827	1.5	30	Vertical	1000000	0.1	-16.268
1559.58	RMS (PASS)	-79.125	-75.3	-3.825	1.5	30	Vertical	1000000	0.1	-16.265
1565	RMS (PASS)	-79.074	-75.3	-3.774	1.5	-13	Horizontal	1000000	0.1	-16.266
1578.34	RMS (PASS)	-79.009	-75.3	-3.709	1.5	-23	Vertical	1000000	0.1	-16.162
12978.9 2	RMS (PASS)	-64.765	-61.3	-3.465	1.5	125	Horizontal	1000000	0.1	-3.455
17158.5 7	RMS (PASS)	-64.644	-61.3	-3.344	1.5	328	Horizontal	1000000	0.1	-0.745
17774.4 4	RMS (PASS)	-63.421	-61.3	-2.121	1.5	260	Vertical	1000000	0.1	0.909

Table 15. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (1 – 18 GHz) Test Results

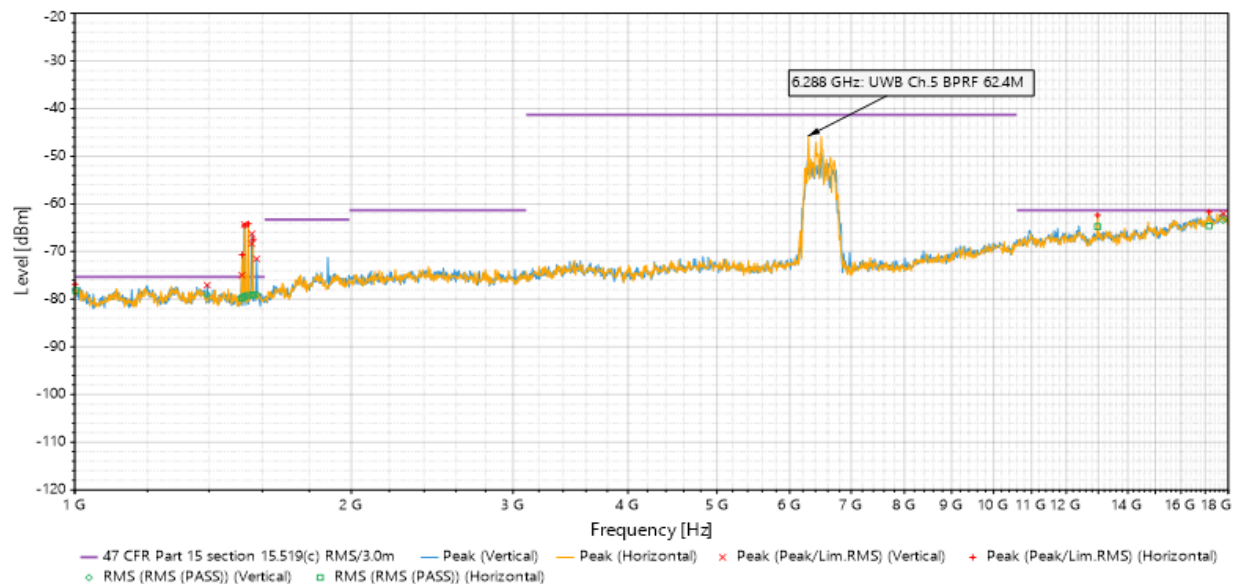


Figure 20. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (1 – 18 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375.25	RMS (PASS)	-75.772	-75.3	-0.472	1.5	71	Vertical	1000000	0.1	-15.813
1500.26	RMS (PASS)	-80.005	-75.3	-4.705	1.5	221	Horizontal	1000000	0.1	-16.559
1522.43	RMS (PASS)	-79.722	-75.3	-4.422	1.5	1	Horizontal	1000000	0.1	-16.461
1527.01	RMS (PASS)	-79.555	-75.3	-4.255	1.5	11	Horizontal	1000000	0.1	-16.44
1537.55	RMS (PASS)	-79.266	-75.3	-3.966	1.5	-30	Horizontal	1000000	0.1	-16.392
1553.27	RMS (PASS)	-79.233	-75.3	-3.933	1.5	23	Horizontal	1000000	0.1	-16.32
1563.03	RMS (PASS)	-79.129	-75.3	-3.829	1.5	23	Horizontal	1000000	0.1	-16.275
1573.63	RMS (PASS)	-79.016	-75.3	-3.716	1.5	19	Horizontal	1000000	0.1	-16.226
12854.4 1	RMS (PASS)	-62.259	-61.3	-0.959	1.5	126	Horizontal	1000000	0.1	-3.41
12978.9 8	RMS (PASS)	-64.111	-61.3	-2.811	1.5	109	Vertical	1000000	0.1	-3.207
13103.9 4	RMS (PASS)	-64.692	-61.3	-3.392	1.5	218	Vertical	1000000	0.1	-2.971
13104	RMS (PASS)	-65.414	-61.3	-4.114	1.5	174	Horizontal	1000000	0.1	-3.211

Table 16. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (1 – 18 GHz) Test Results

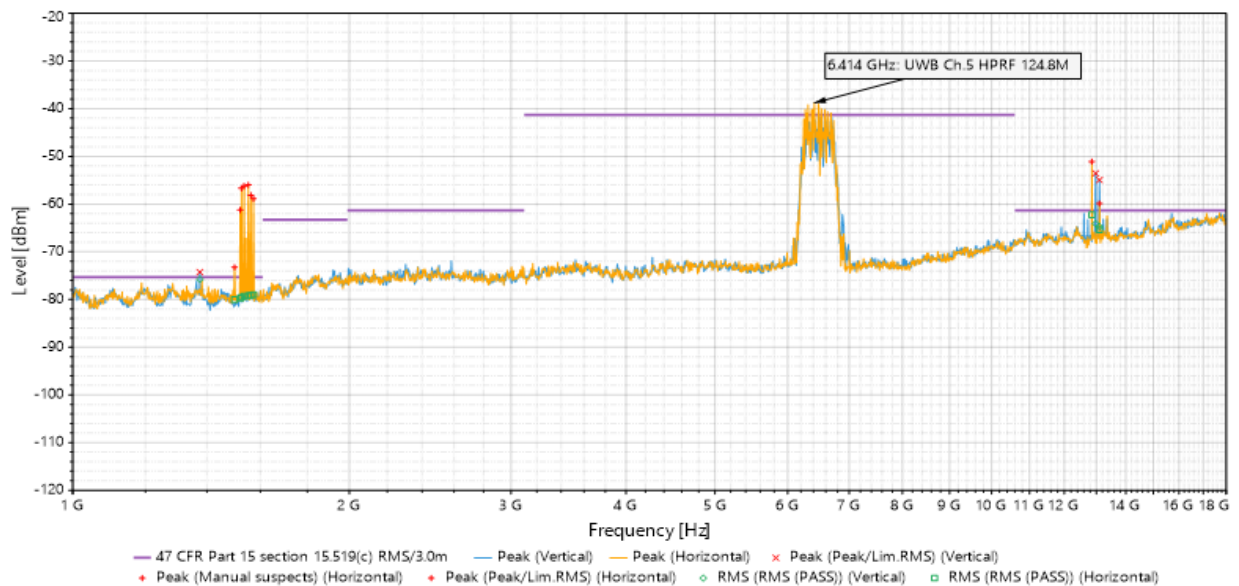


Figure 21. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (1 – 18 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1003.75	RMS (PASS)	-78.063	-75.3	-2.763	1.5	366	Vertical	1000000	0.1	-16.634
1368.01	RMS (PASS)	-78.082	-75.3	-2.782	1.5	130	Horizontal	1000000	0.1	-15.867
1526.38	RMS (PASS)	-79.631	-75.3	-4.331	1.5	1	Vertical	1000000	0.1	-16.443
1541.05	RMS (PASS)	-79.277	-75.3	-3.977	1.5	-11	Horizontal	1000000	0.1	-16.376
1541.58	RMS (PASS)	-79.268	-75.3	-3.968	1.5	-7	Vertical	1000000	0.1	-16.362
1552.84	RMS (PASS)	-79.276	-75.3	-3.976	1.5	-30	Horizontal	1000000	0.1	-16.322
1554.75	RMS (PASS)	-79.2	-75.3	-3.9	1.5	28	Vertical	1000000	0.1	-16.291
1558.56	RMS (PASS)	-79.138	-75.3	-3.838	1.5	-23	Vertical	1000000	0.1	-16.27
1570.36	RMS (PASS)	-79.118	-75.3	-3.818	1.5	7	Horizontal	1000000	0.1	-16.241
1575.43	RMS (PASS)	-79.024	-75.3	-3.724	1.5	-30	Vertical	1000000	0.1	-16.178
17117.73	RMS (PASS)	-64.336	-61.3	-3.036	1.5	99	Vertical	1000000	0.1	-0.59
17673.19	RMS (PASS)	-63.815	-61.3	-2.515	1.5	373	Horizontal	1000000	0.1	0.377

Table 17. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (1 – 18 GHz) Test Results

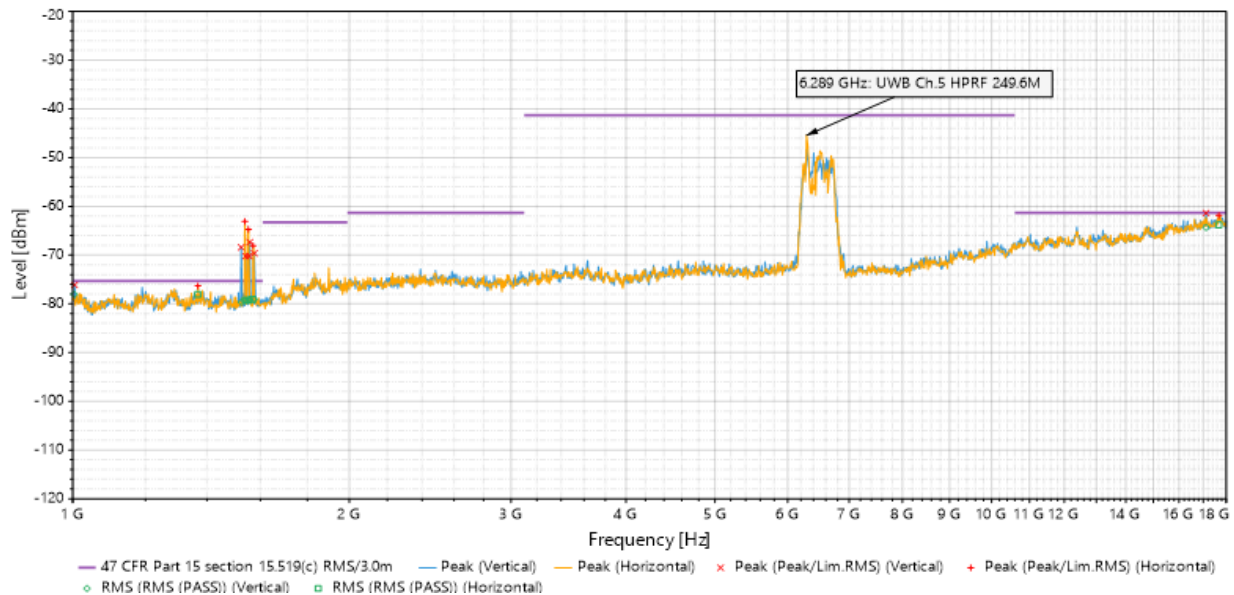


Figure 22. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (1 – 18 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
34249.2	RMS (PASS)	-70.78	-61.3	-9.48	2.58	-5	Vertical	1000000	0.1	0.982
36517.2	RMS (PASS)	-68.668	-61.3	-7.368	2.314	27	Horizontal	1000000	0.1	2.462
36705.3	RMS (PASS)	-68.517	-61.3	-7.217	3.873	-16	Vertical	1000000	0.1	2.318
38244	RMS (PASS)	-69.143	-61.3	-7.843	1.726	-8	Horizontal	1000000	0.1	3.168

Table 18. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (18 – 40 GHz) Test Results

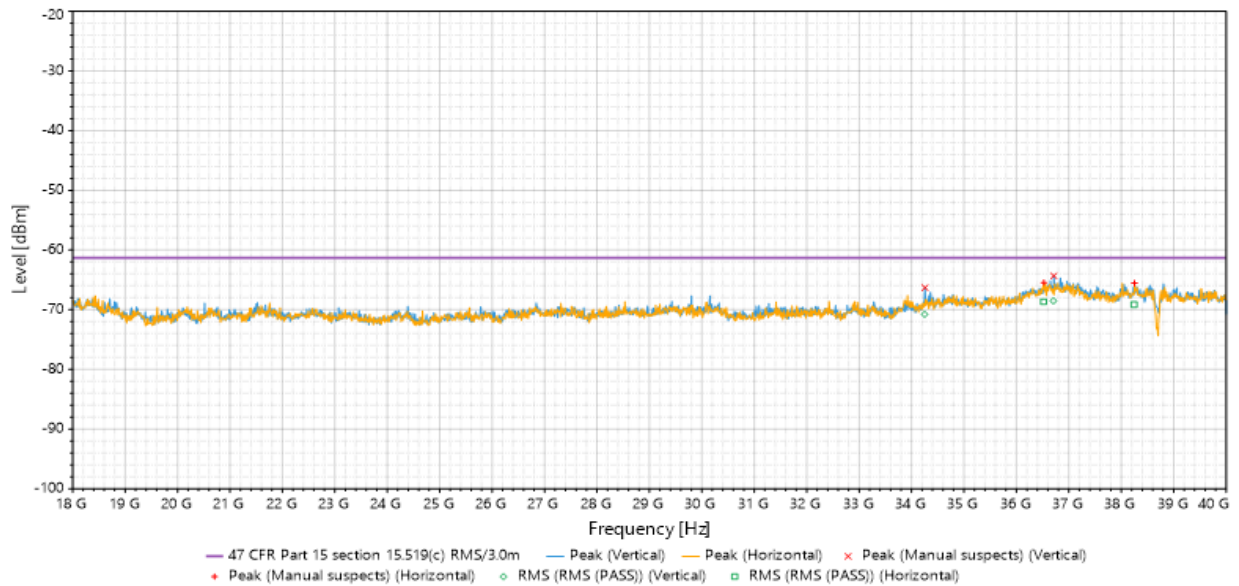


Figure 23. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (18 – 40 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
36742	RMS (PASS)	-68.601	-61.3	-7.301	3.979	-11	Vertical	1000000	0.1	2.339
37490.8	RMS (PASS)	-70.277	-61.3	-8.977	3.426	19	Horizontal	1000000	0.1	2.076

Table 19. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (18 – 40 GHz) Test Results

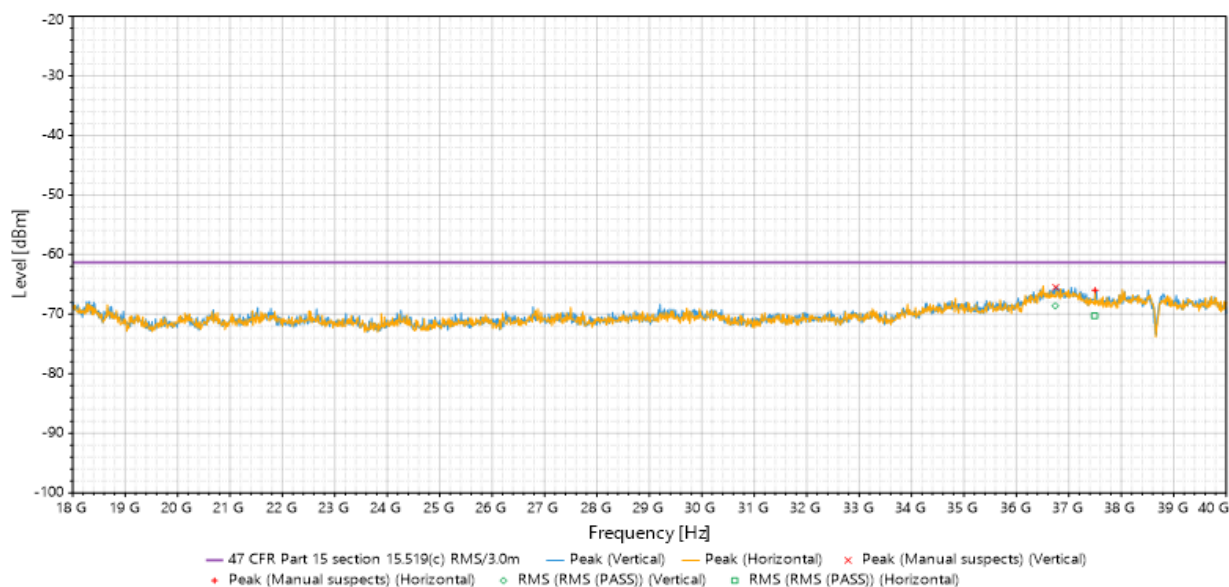


Figure 24. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (18 – 40 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
36715.9	RMS (PASS)	-68.778	-61.3	-7.478	1.959	99	Vertical	1000000	0.1	2.324
38860.3	RMS (PASS)	-69.007	-61.3	-7.707	3.796	184	Horizontal	1000000	0.1	3.091

Table 20. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (18 – 40 GHz) Test Results

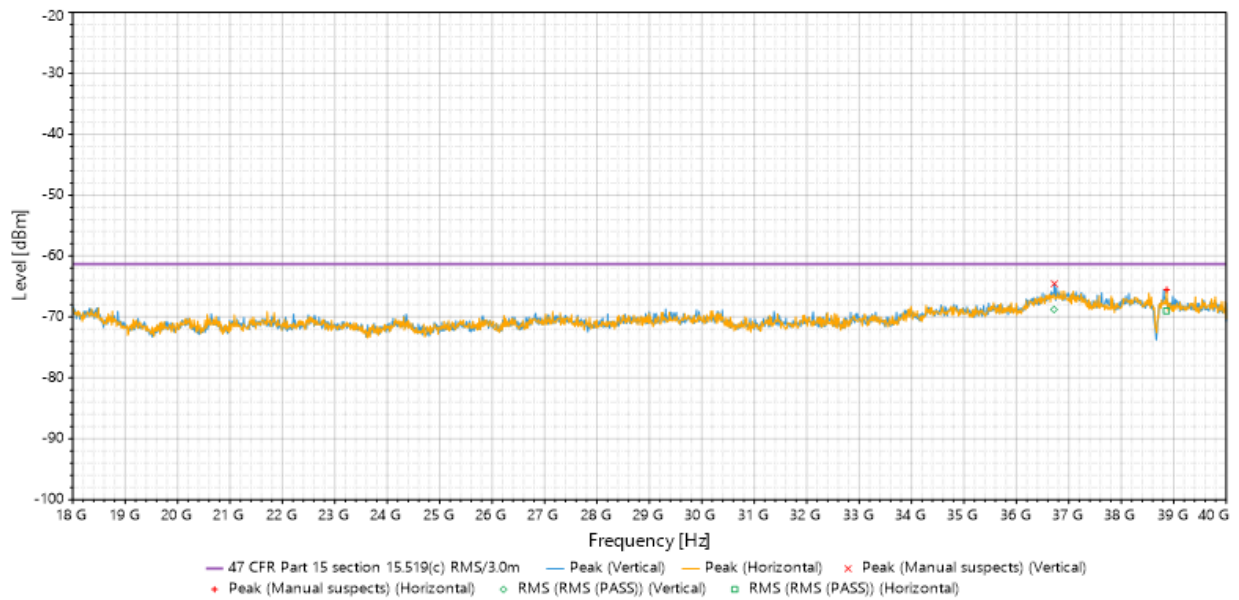


Figure 25. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (18 – 40 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1187.7107	RMS (PASS)	-106.315	-85.3	-21.015	1.5	73	Vertical	1000	0.05	-15.954
1199.9998	RMS (PASS)	-89.918	-85.3	-4.618	1.5	355	Horizontal	1000	0.05	-16
1200	RMS (PASS)	-91.274	-85.3	-5.974	1.5	93	Vertical	1000	0.05	-15.79

Table 21. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (1.164 – 1.240 GHz) Test Results

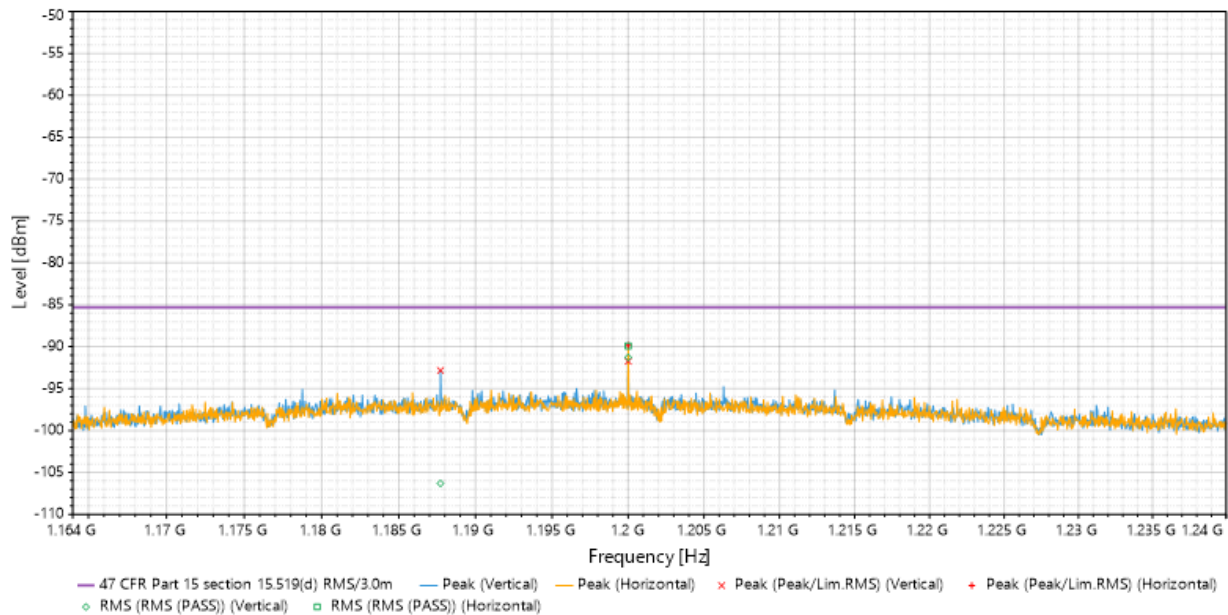


Figure 26. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (1.164 – 1.240 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1187.7117	RMS (PASS)	-106.311	-85.3	-21.011	1.5	342	Vertical	1000	0.05	-15.954
1200	RMS (PASS)	-91.656	-85.3	-6.356	1.5	304	Horizontal	1000	0.05	-16
1200.0002	RMS (PASS)	-92.816	-85.3	-7.516	1.5	-24	Vertical	1000	0.05	-15.79

Table 22. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (1.164 – 1.240 GHz) Test Results

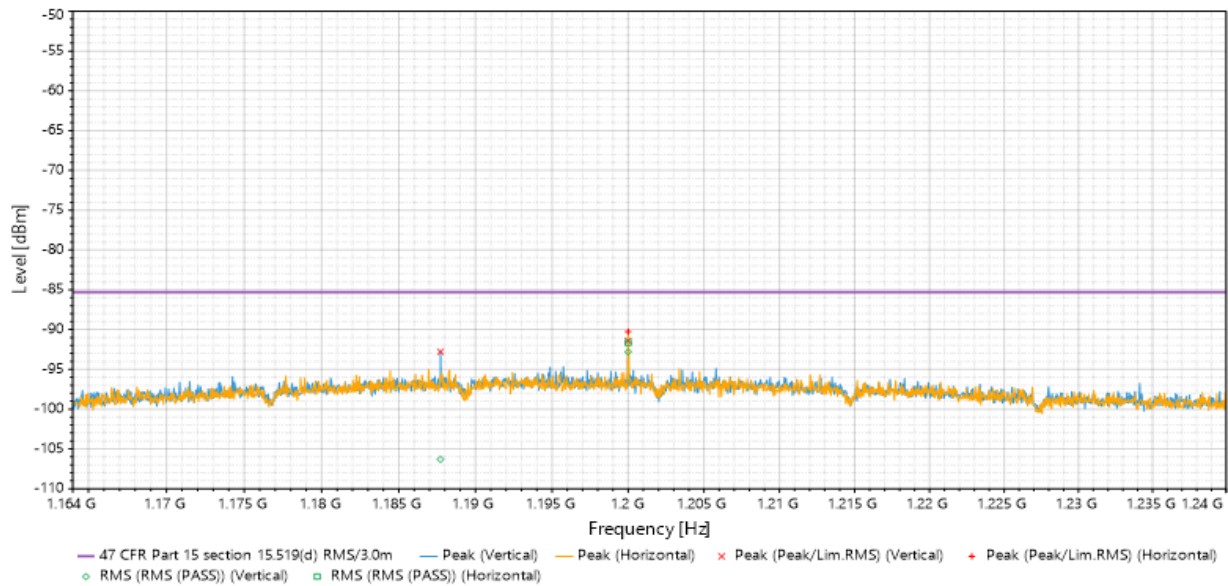


Figure 27. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (1.164 – 1.240 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1199.9999	RMS (PASS)	-92.361	-85.3	-7.061	1.5	18	Vertical	1000	0.05	-15.79
1200.0001	RMS (PASS)	-89.996	-85.3	-4.696	1.5	357	Horizontal	1000	0.05	-16

Table 23. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (1.164 – 1.240 GHz) Test Results

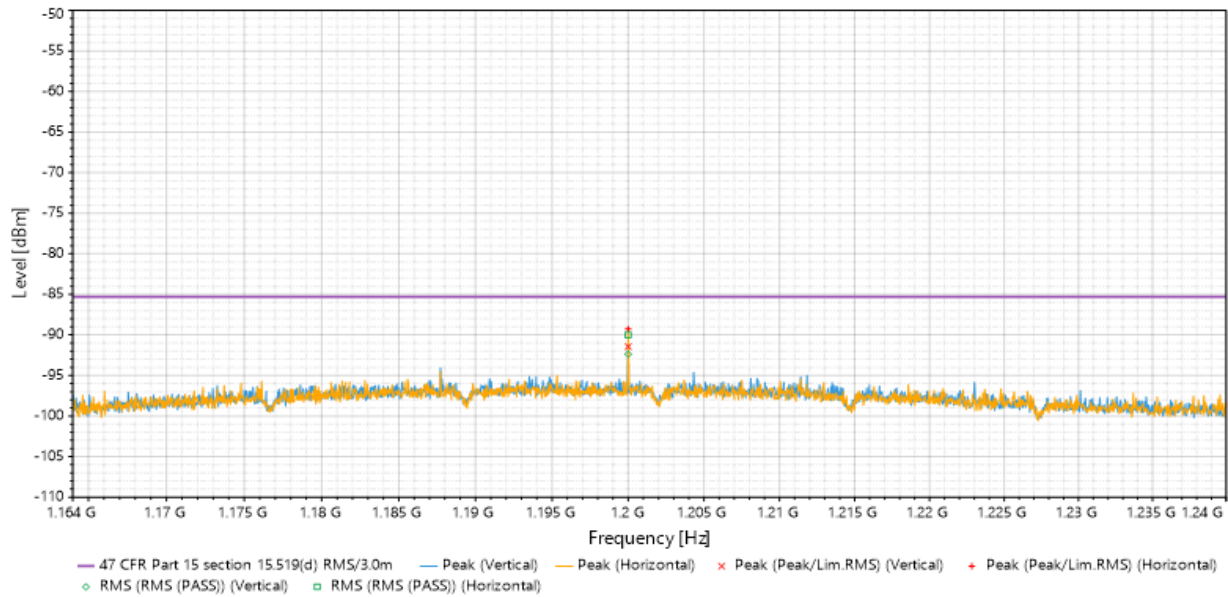


Figure 28. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (1.164 – 1.240 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1574.9931	RMS (PASS)	-107.513	-85.3	-22.213	1.5	-30	Horizontal	1000	0.05	-16.219
1574.9932	RMS (PASS)	-107.341	-85.3	-22.041	1.5	350	Vertical	1000	0.05	-16.18
1584.6271	RMS (PASS)	-107.542	-85.3	-22.242	1.5	-3	Vertical	1000	0.05	-16.127
1599.9998	RMS (PASS)	-92.245	-85.3	-6.945	1.5	63	Vertical	1000	0.05	-16.04
1600.0002	RMS (PASS)	-97.079	-85.3	-11.779	1.5	22	Horizontal	1000	0.05	-16.1

Table 24. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (1.559– 1.610 GHz) Test Results

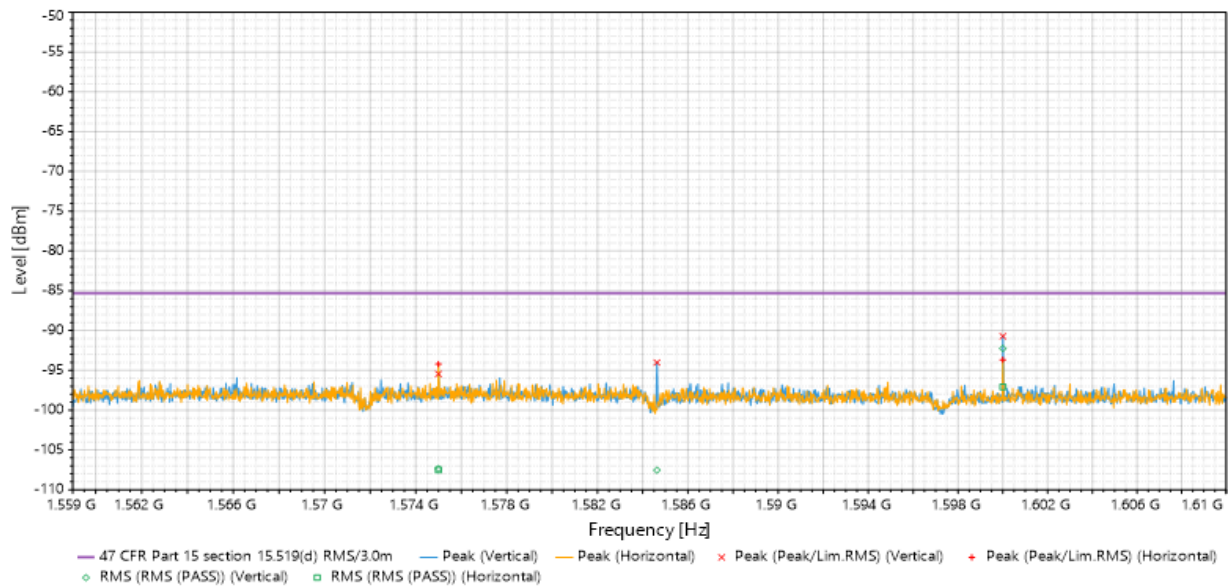


Figure 29. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz BPRF 62.4M (1.559– 1.610 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1574.9929	RMS (PASS)	-107.444	-85.3	-22.144	1.5	34	Horizontal	1000	0.05	-16.219
1574.9932	RMS (PASS)	-107.358	-85.3	-22.058	1.5	-7	Vertical	1000	0.05	-16.18
1584.6278	RMS (PASS)	-107.554	-85.3	-22.254	1.5	1	Vertical	1000	0.05	-16.127
1584.6289	RMS (PASS)	-107.511	-85.3	-22.211	1.5	21	Horizontal	1000	0.05	-16.174
1600	RMS (PASS)	-91.226	-85.3	-5.926	1.5	31	Vertical	1000	0.05	-16.04
1600	RMS (PASS)	-94.065	-85.3	-8.765	1.5	375	Horizontal	1000	0.05	-16.1

Table 25. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (1.559– 1.610 GHz) Test Results

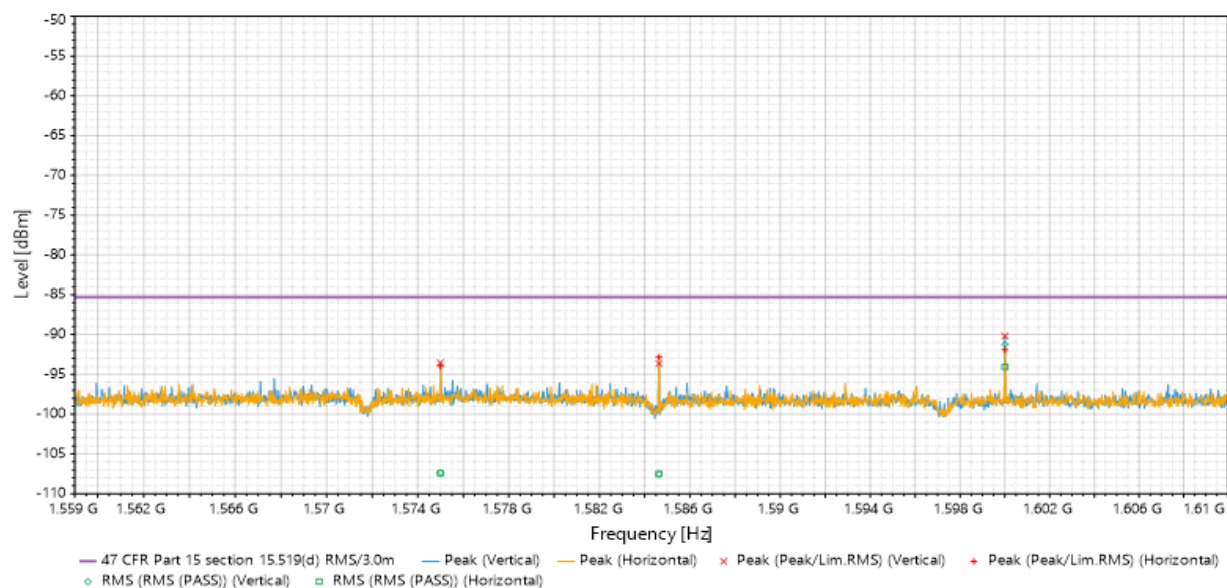


Figure 30. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 124.8M (1.559– 1.610 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1562.7799	RMS (PASS)	-107.533	-85.3	-22.233	1.5	-27	Horizontal	1000	0.05	-16.276
1584.6266	RMS (PASS)	-107.559	-85.3	-22.259	1.5	-27	Horizontal	1000	0.05	-16.174
1584.6272	RMS (PASS)	-107.539	-85.3	-22.239	1.5	-30	Vertical	1000	0.05	-16.127
1600	RMS (PASS)	-93.186	-85.3	-7.886	1.5	-1	Vertical	1000	0.05	-16.04
1600.0002	RMS (PASS)	-93.915	-85.3	-8.615	1.5	1	Horizontal	1000	0.05	-16.1

Table 26. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (1.559– 1.610 GHz) Test Results

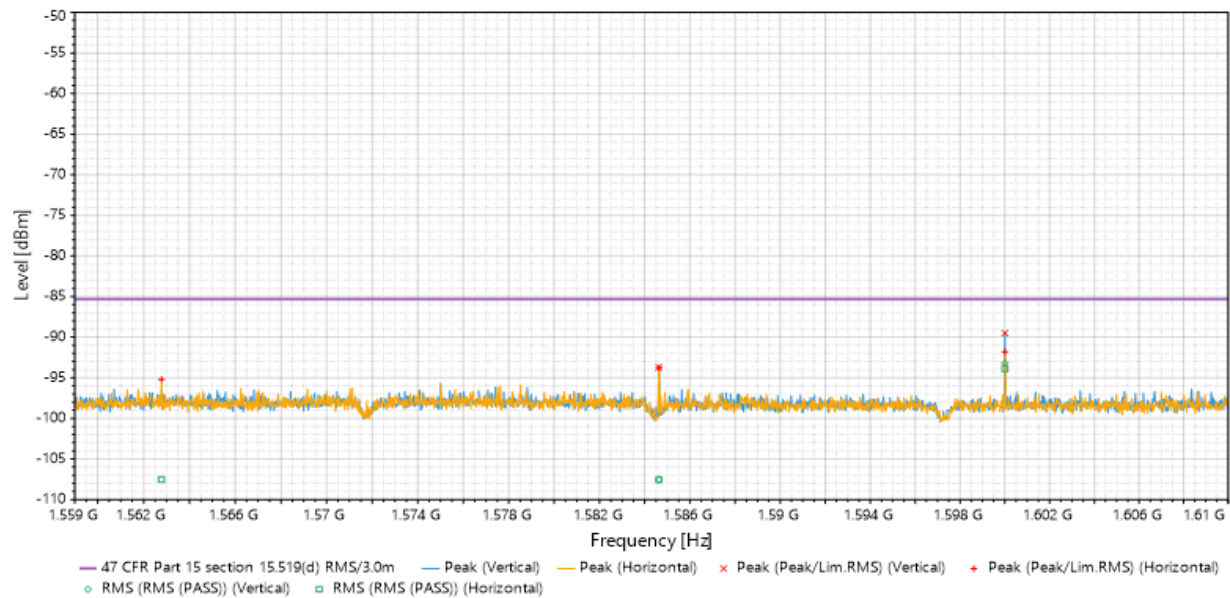


Figure 31. Radiated Spurious Emissions, UWB Channel 5 6489.6MHz HPRF 249.6M (1.559– 1.610 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
31.38	QuasiPeak (PASS)	18.262	40	-21.738	3.404	179	Horizontal	120000	0.1	-3.487
57.372	QuasiPeak (PASS)	21.297	40	-18.703	1.623	341	Vertical	120000	0.1	-14.915
98.452	QuasiPeak (PASS)	21.104	43.522	-22.418	1.835	150	Vertical	120000	0.1	-10.465
844.816	QuasiPeak (PASS)	21.348	46.021	-24.673	3.5	-12	Horizontal	120000	0.1	0.724

Table 27. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (30 – 960 MHz) Test Results

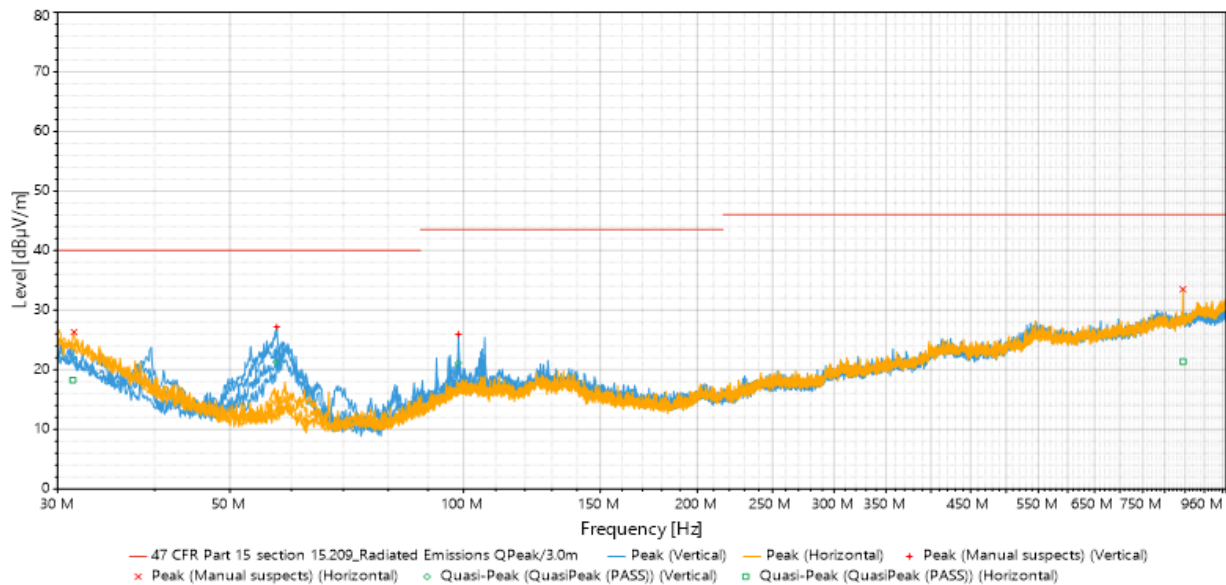


Figure 32. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (30 – 960 MHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=120kHz, VBW=500kHz, Final: RBW = 120kHz, VBW=500kHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
31.584	QuasiPeak (PASS)	24.651	40	-15.349	2.064	342	Horizontal	120000	0.1	-3.635
57.968	QuasiPeak (PASS)	17.911	40	-22.089	3.33	244	Vertical	120000	0.1	-14.737
58.992	QuasiPeak (PASS)	9.499	40	-30.501	2.781	163	Horizontal	120000	0.1	-14.966
98.378	QuasiPeak (PASS)	19.789	43.522	-23.733	1.165	207	Vertical	120000	0.1	-10.475

Table 28. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (30 – 960 MHz) Test Results

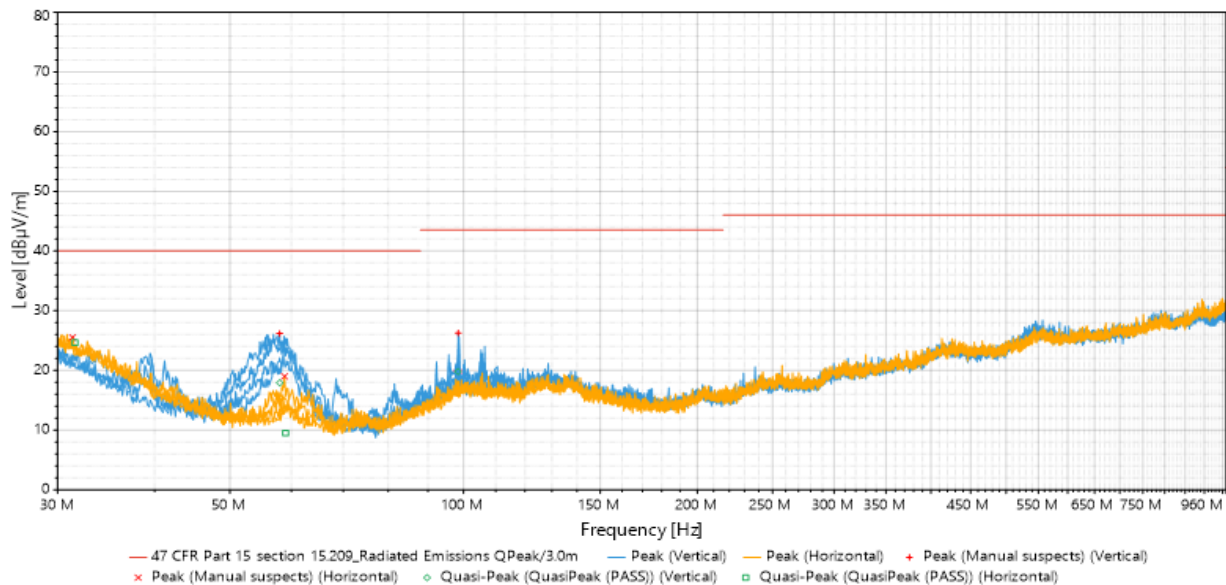


Figure 33. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (30 – 960 MHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=120kHz, VBW=500kHz, Final: RBW = 120kHz, VBW=500kHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
38.164	QuasiPeak (PASS)	13.879	40	-26.121	1.721	302	Horizontal	120000	0.1	-8.805
56.152	QuasiPeak (PASS)	21.328	40	-18.672	1.851	47	Vertical	120000	0.1	-15.2

Table 29. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (30 – 960 MHz) Test Results

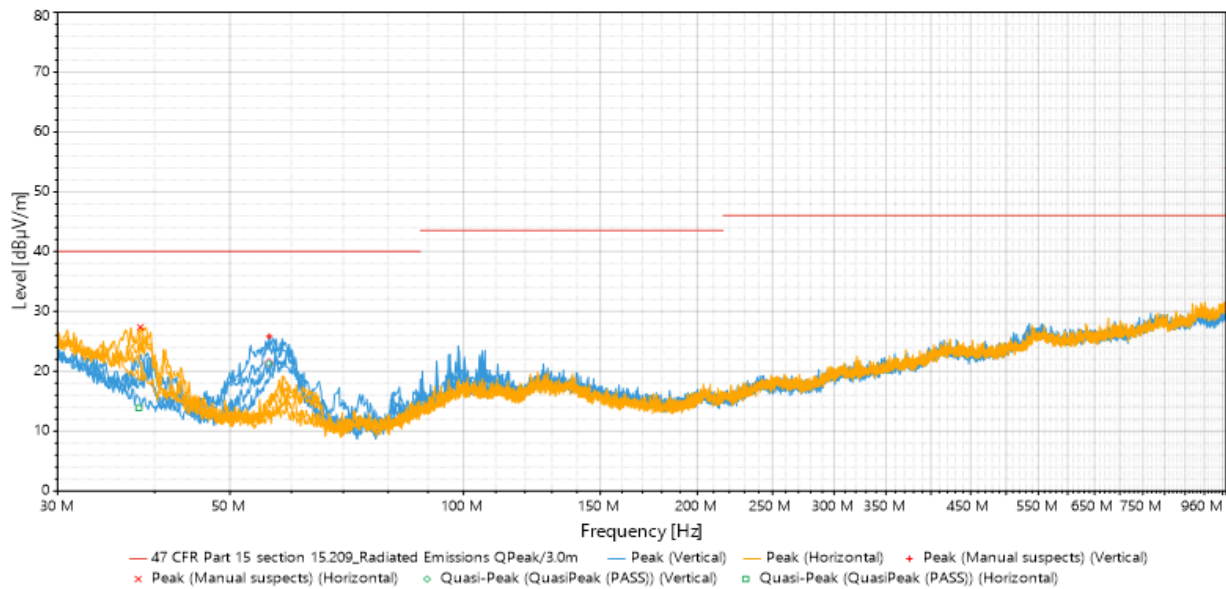


Figure 34. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (30 – 960 MHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=120kHz, VBW=500kHz, Final: RBW = 120kHz, VBW=500kHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
969.0525	RMS (PASS)	-89.986	-75.3	-14.686	1.03	359	Horizontal	1000000	0.1	8.437
976.08	RMS (PASS)	-91.132	-75.3	-15.832	1.03	59	Vertical	1000000	0.1	7.08
985.785	RMS (PASS)	-90.888	-75.3	-15.588	1.03	341	Vertical	1000000	0.1	7.168
991.41	RMS (PASS)	-89.942	-75.3	-14.642	1.03	328	Horizontal	1000000	0.1	8.58
992.725	RMS (PASS)	-90.007	-75.3	-14.707	1.03	137	Horizontal	1000000	0.1	8.587
995.725	RMS (PASS)	-91.613	-75.3	-16.313	1.03	153	Vertical	1000000	0.1	7.253

Table 30. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (960 MHz – 1 GHz) Test Results

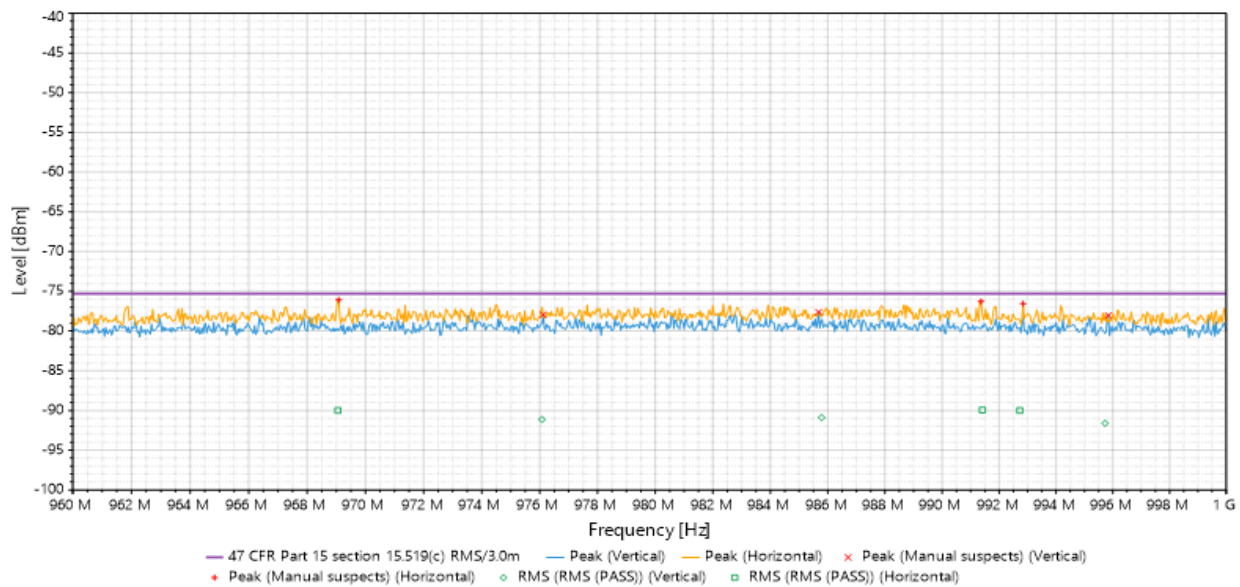


Figure 35. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (960 MHz – 1 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
970.7525	RMS (PASS)	-91.332	-75.3	-16.032	1.03	318	Vertical	1000000	0.1	7.029
982.445	RMS (PASS)	-90.982	-75.3	-15.682	1.03	153	Vertical	1000000	0.1	7.139
984.4625	RMS (PASS)	-89.57	-75.3	-14.27	1.03	339	Horizontal	1000000	0.1	8.539
987.81	RMS (PASS)	-89.749	-75.3	-14.449	1.03	26	Horizontal	1000000	0.1	8.559
988.52	RMS (PASS)	-91.137	-75.3	-15.837	1.03	298	Vertical	1000000	0.1	7.191
998.43	RMS (PASS)	-90.549	-75.3	-15.249	1.03	24	Horizontal	1000000	0.1	8.621

Table 31. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (960 MHz – 1 GHz) Test Results

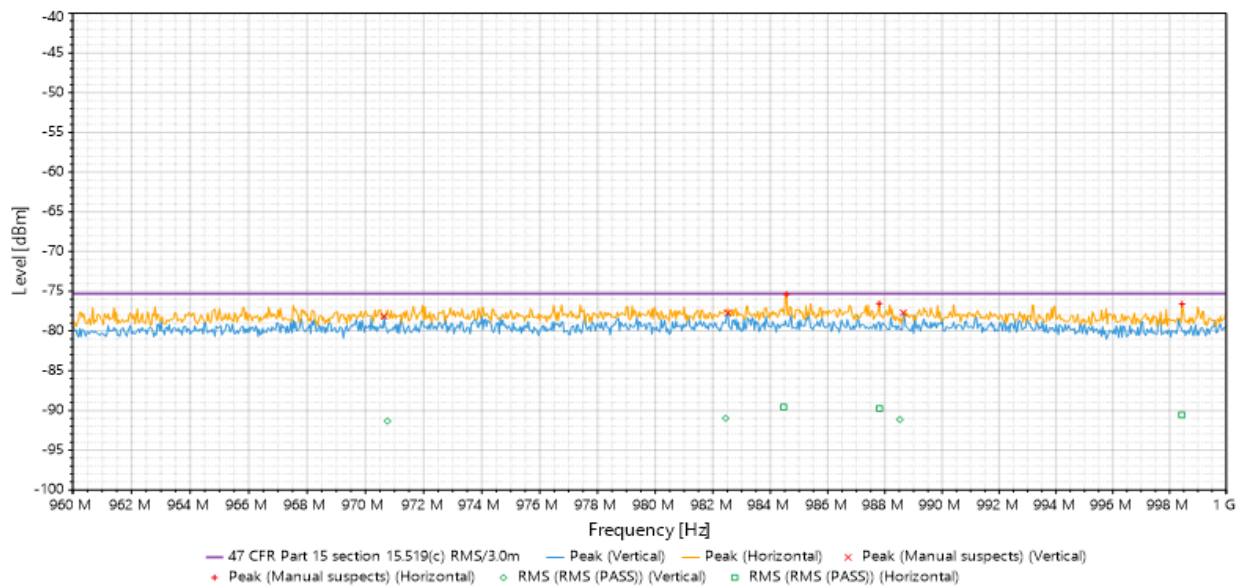


Figure 36. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (960 MHz – 1 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
966.1175	RMS (PASS)	-91.499	-75.3	-16.199	1.03	304	Vertical	1000000	0.1	6.977
976.07	RMS (PASS)	-89.866	-75.3	-14.566	1.03	-23	Horizontal	1000000	0.1	8.487
979.8075	RMS (PASS)	-91.121	-75.3	-15.821	1.03	304	Vertical	1000000	0.1	7.116
980.445	RMS (PASS)	-91.106	-75.3	-15.806	1.03	126	Vertical	1000000	0.1	7.122
985.8575	RMS (PASS)	-89.779	-75.3	-14.479	1.03	227	Horizontal	1000000	0.1	8.547
997.2325	RMS (PASS)	-90.45	-75.3	-15.15	1.03	302	Horizontal	1000000	0.1	8.614

Table 32. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (960 MHz – 1 GHz) Test Results

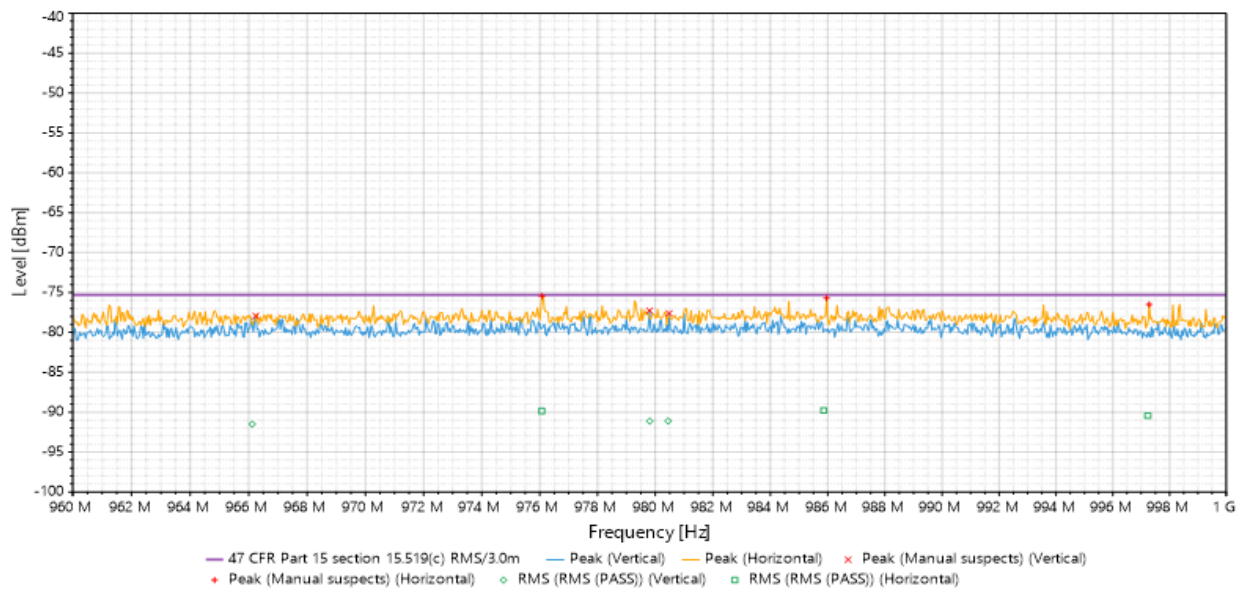


Figure 37. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (960 MHz – 1 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 0.8m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1375.24	RMS (PASS)	-76.714	-75.3	-1.414	1.5	269	Vertical	1000000	0.1	-15.813
1500.26	RMS (PASS)	-78.91	-75.3	-3.61	1.5	277	Horizontal	1000000	0.1	-16.559
1672.97	RMS (PASS)	-77.349	-63.3	-14.049	1.5	-30	Vertical	1000000	0.1	-15.071
1683.42	RMS (PASS)	-77.713	-63.3	-14.413	1.5	20	Vertical	1000000	0.1	-14.979
1691.98	RMS (PASS)	-78.145	-63.3	-14.845	1.5	-30	Vertical	1000000	0.1	-14.903
1699.59	RMS (PASS)	-78.524	-63.3	-15.224	1.5	24	Horizontal	1000000	0.1	-15.024
1709.75	RMS (PASS)	-78.364	-63.3	-15.064	1.5	28	Vertical	1000000	0.1	-14.681
1719.52	RMS (PASS)	-77.996	-63.3	-14.696	1.5	28	Vertical	1000000	0.1	-14.528
1720.49	RMS (PASS)	-78.013	-63.3	-14.713	1.5	7	Horizontal	1000000	0.1	-14.688
17685.07	RMS (PASS)	-64.265	-61.3	-2.965	1.5	-3	Horizontal	1000000	0.1	0.421
17713.06	RMS (PASS)	-63.543	-61.3	-2.243	1.5	271	Vertical	1000000	0.1	0.644

Table 33. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (1 – 18 GHz) Test Results

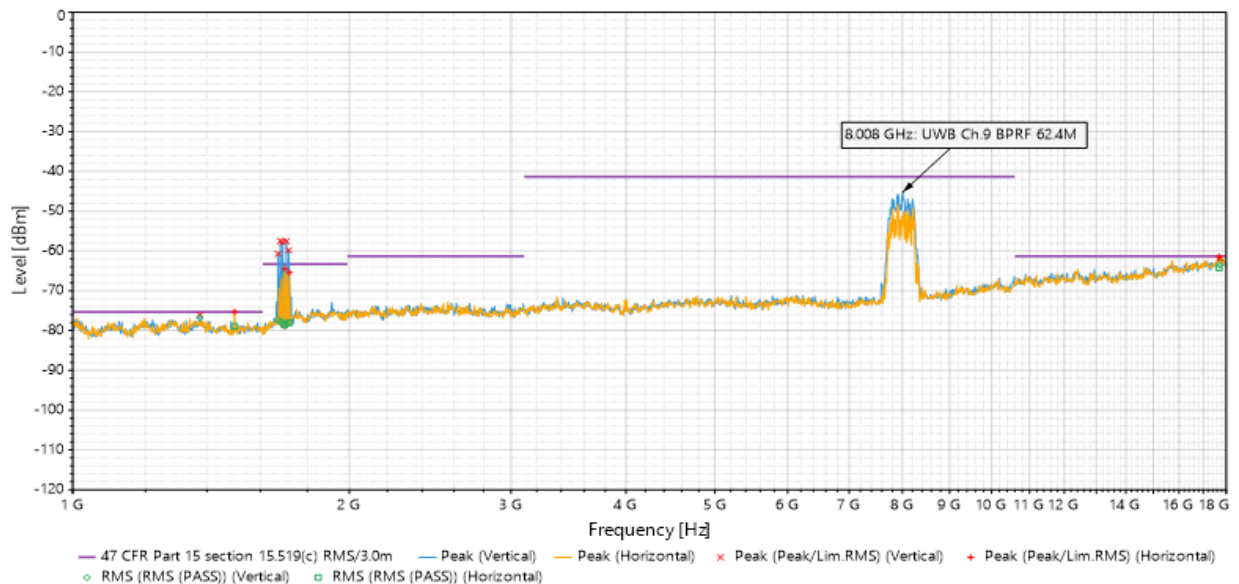


Figure 38. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (1 – 18 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1373.26	RMS (PASS)	-77.987	-75.3	-2.687	1.5	150	Horizontal	1000000	0.1	-15.896
1375.27	RMS (PASS)	-76.581	-75.3	-1.281	1.5	191	Vertical	1000000	0.1	-15.813
1500.26	RMS (PASS)	-78.644	-75.3	-3.344	1.5	206	Horizontal	1000000	0.1	-16.559
1677.11	RMS (PASS)	-77.454	-63.3	-14.154	1.5	28	Vertical	1000000	0.1	-15.035
1680.81	RMS (PASS)	-77.769	-63.3	-14.469	1.5	20	Horizontal	1000000	0.1	-15.2
1687.86	RMS (PASS)	-77.933	-63.3	-14.633	1.5	-27	Vertical	1000000	0.1	-14.939
1688.14	RMS (PASS)	-78.112	-63.3	-14.812	1.5	-5	Horizontal	1000000	0.1	-15.132
1699.49	RMS (PASS)	-78.423	-63.3	-15.123	1.5	-23	Vertical	1000000	0.1	-14.835
1700.69	RMS (PASS)	-78.567	-63.3	-15.267	1.5	19	Horizontal	1000000	0.1	-15.009
1704.09	RMS (PASS)	-78.446	-63.3	-15.146	1.5	30	Vertical	1000000	0.1	-14.768
1704.25	RMS (PASS)	-78.556	-63.3	-15.256	1.5	27	Horizontal	1000000	0.1	-14.952
1715.36	RMS (PASS)	-78.215	-63.3	-14.915	1.5	-27	Vertical	1000000	0.1	-14.594
1725.5	RMS (PASS)	-77.604	-63.3	-14.304	1.5	28	Vertical	1000000	0.1	-14.433
15974.41	RMS (PASS)	-62.887	-61.3	-1.587	1.5	248	Vertical	1000000	0.1	-2.304
16099.15	RMS (PASS)	-64.223	-61.3	-2.923	1.5	229	Vertical	1000000	0.1	-2.315
17867.63	RMS (PASS)	-63.621	-61.3	-2.321	1.5	309	Horizontal	1000000	0.1	1.301

Table 34. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (1 – 18 GHz) Test Results

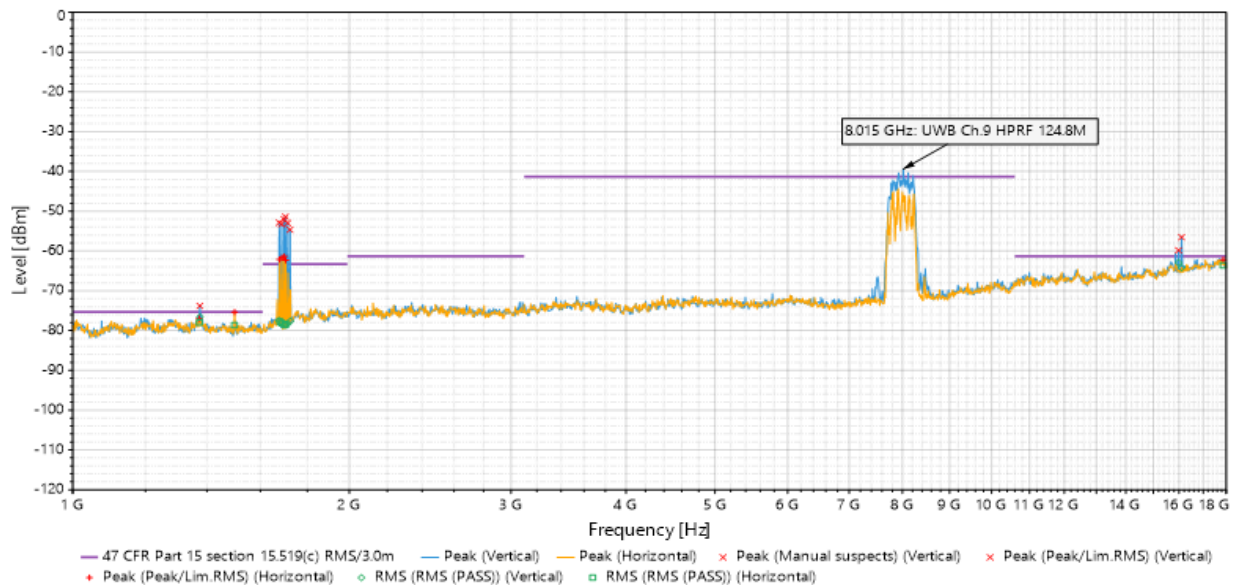


Figure 39. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (1 – 18 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1285.16	RMS (PASS)	-77.581	-75.3	-2.281	1.5	260	Vertical	1000000	0.1	-15.688
1500.26	RMS (PASS)	-78.77	-75.3	-3.47	1.5	277	Horizontal	1000000	0.1	-16.559
1672.63	RMS (PASS)	-77.382	-63.3	-14.082	1.5	30	Vertical	1000000	0.1	-15.074
1684.7	RMS (PASS)	-77.845	-63.3	-14.545	1.5	13	Vertical	1000000	0.1	-14.968
1692.48	RMS (PASS)	-78.231	-63.3	-14.931	1.5	17	Vertical	1000000	0.1	-14.898
1701.04	RMS (PASS)	-78.49	-63.3	-15.19	1.5	11	Vertical	1000000	0.1	-14.814
1711.64	RMS (PASS)	-78.394	-63.3	-15.094	1.5	-20	Vertical	1000000	0.1	-14.652
1711.98	RMS (PASS)	-78.427	-63.3	-15.127	1.5	-27	Horizontal	1000000	0.1	-14.828
1720.59	RMS (PASS)	-77.996	-63.3	-14.696	1.5	28	Vertical	1000000	0.1	-14.512
15738.3	RMS (PASS)	-64.57	-61.3	-3.27	1.5	159	Horizontal	1000000	0.1	-2.269
17643.2 7	RMS (PASS)	-63.676	-61.3	-2.376	1.5	108	Vertical	1000000	0.1	0.38

Table 35. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (1 – 18 GHz) Test Results

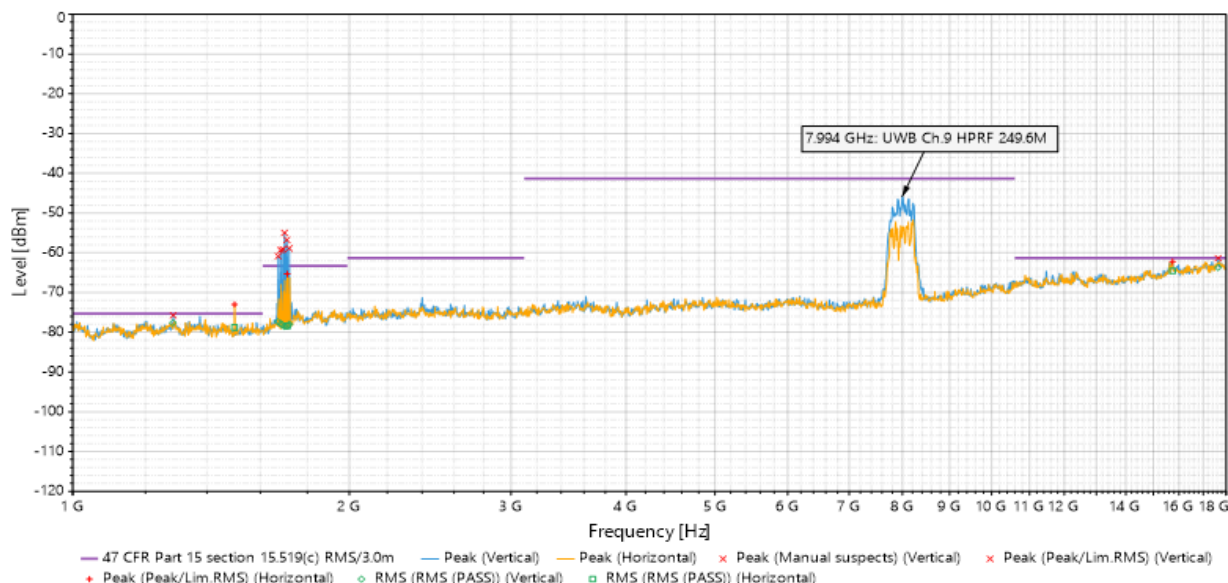


Figure 40. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (1 – 18 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
36512.7	RMS (PASS)	-69.041	-61.3	-7.741	1.68	146	Vertical	1000000	0.1	2.346
38113.5	RMS (PASS)	-69.506	-61.3	-8.206	2.94	110	Horizontal	1000000	0.1	2.991

Table 36. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (18 – 40 GHz) Test Results

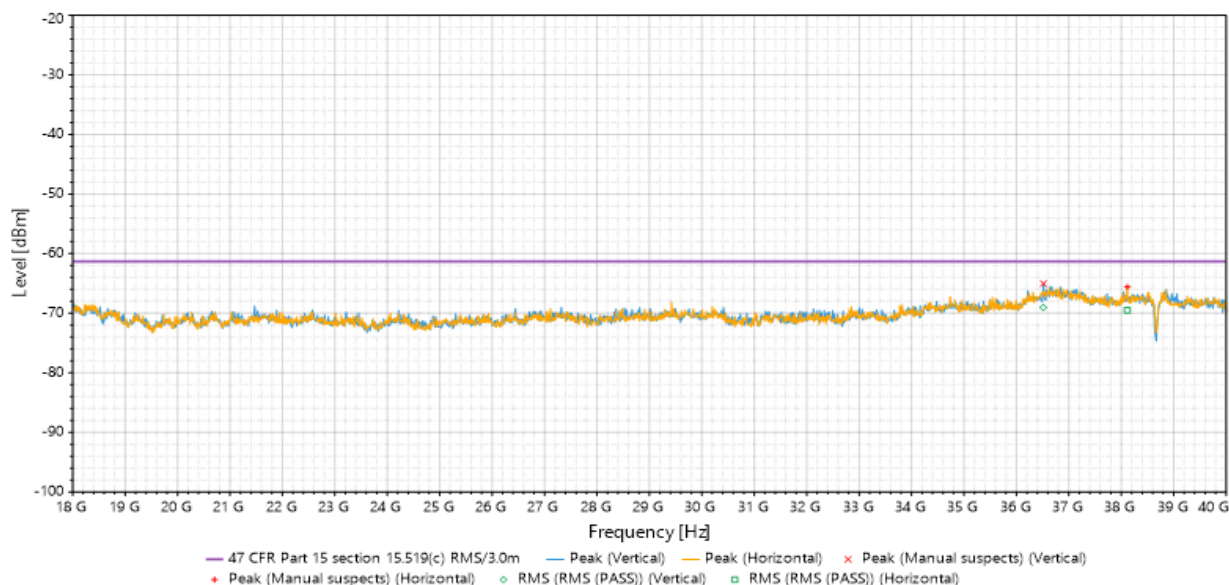


Figure 41. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (18 – 40 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
36522.7	RMS (PASS)	-68.931	-61.3	-7.631	1.164	91	Vertical	1000000	0.1	2.346
37292.3	RMS (PASS)	-69.271	-61.3	-7.971	4	115	Horizontal	1000000	0.1	2.077

Table 37. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (18 – 40 GHz) Test Results

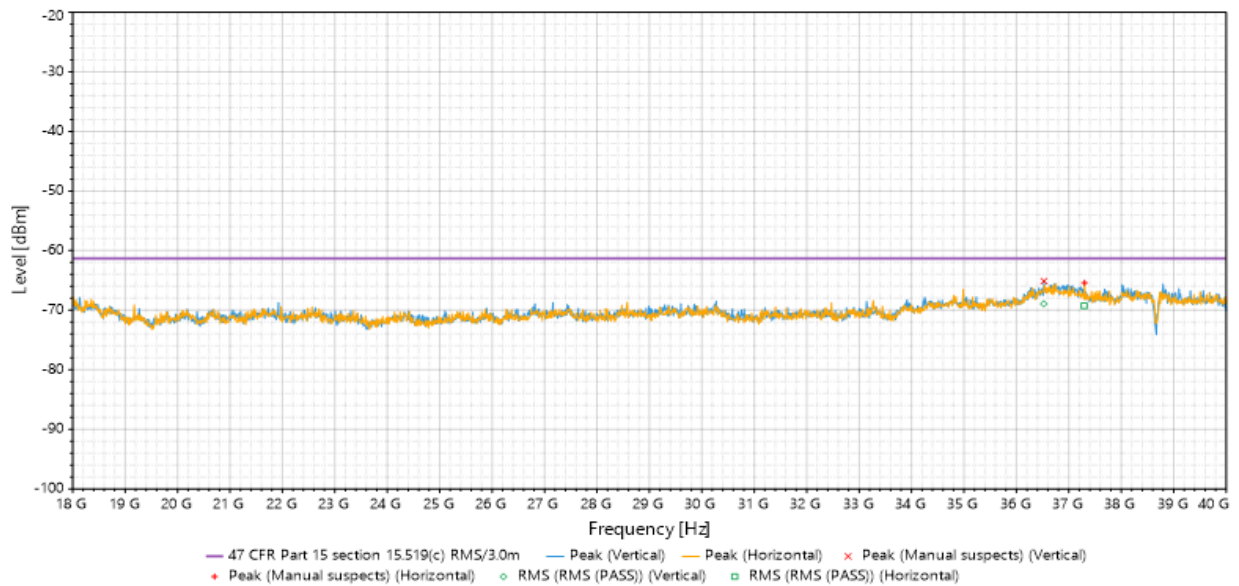


Figure 42. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (18 – 40 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
36782.5	RMS (PASS)	-68.835	-61.3	-7.535	3.54	59	Horizontal	1000000	0.1	2.121
37082.4	RMS (PASS)	-68.537	-61.3	-7.237	2.171	213	Vertical	1000000	0.1	2.317

Table 38. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (18 – 40 GHz) Test Results

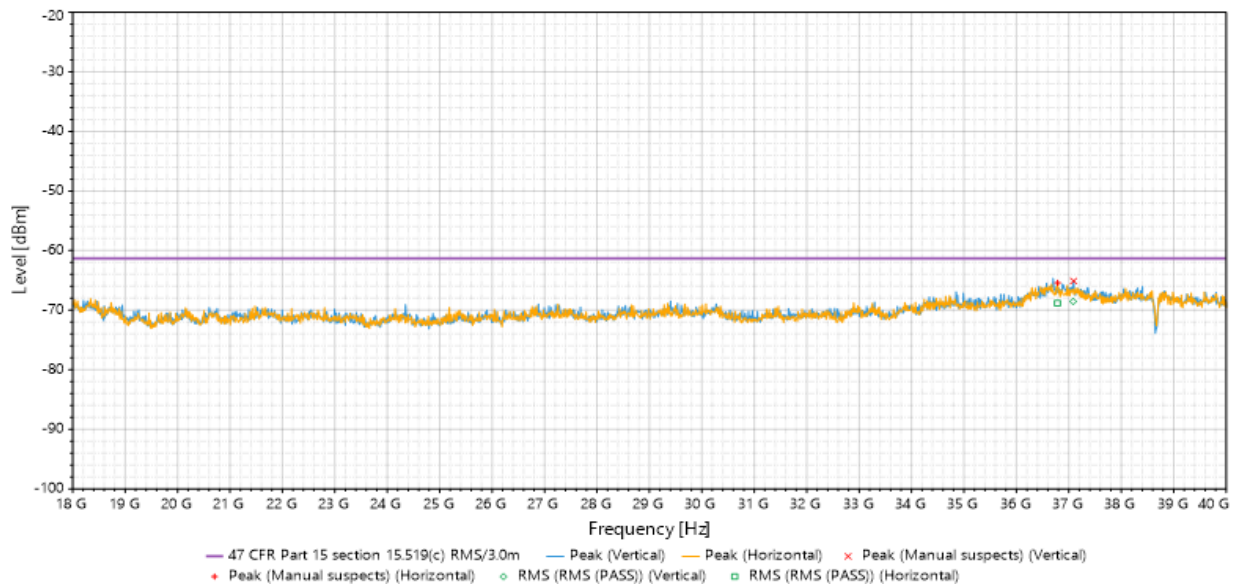


Figure 43. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (18 – 40 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=100kHz, VBW=300kHz, Final: RBW = 1MHz, VBW=3MHz
- Distance between Measurement Antenna and EUT: 3m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1187.7116	RMS (PASS)	-106.247	-85.3	-20.947	1.5	342	Vertical	1000	0.05	-15.954
1199.9999	RMS (PASS)	-90.242	-85.3	-4.942	1.5	278	Horizontal	1000	0.05	-16
1200.0001	RMS (PASS)	-92.071	-85.3	-6.771	1.5	288	Vertical	1000	0.05	-15.79

Table 39. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (1.164 – 1.240 GHz) Test Results

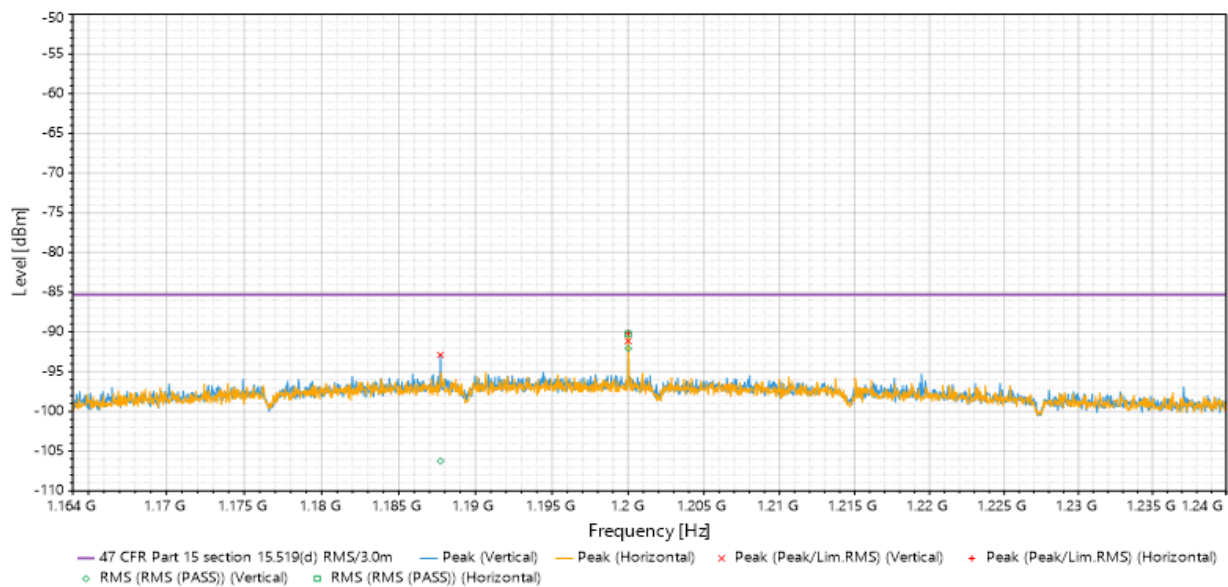


Figure 44. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (1.164 – 1.240 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1199.9999	RMS (PASS)	-91.578	-85.3	-6.278	1.5	174	Horizontal	1000	0.05	-16
1199.9999	RMS (PASS)	-92.499	-85.3	-7.199	1.5	184	Vertical	1000	0.05	-15.79

Table 40. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (1.164 – 1.240 GHz) Test Results

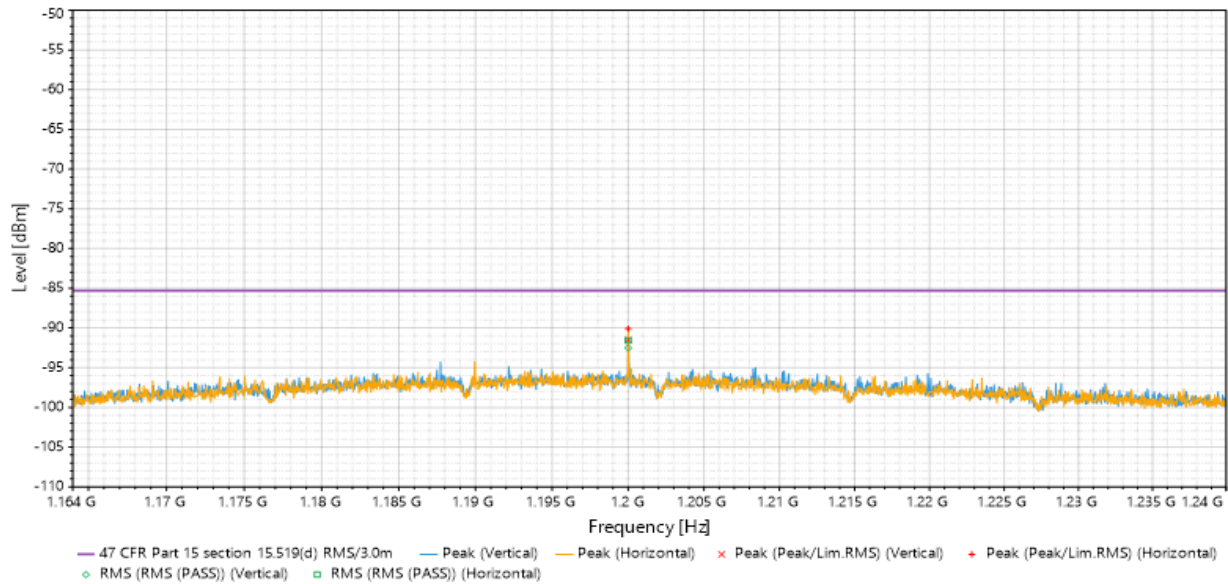


Figure 45. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (1.164 – 1.240 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1187.7117	RMS (PASS)	-106.23	-85.3	-20.93	1.5	338	Vertical	1000	0.05	-15.954
1199.9998	RMS (PASS)	-91.47	-85.3	-6.17	1.5	14	Vertical	1000	0.05	-15.79
1200	RMS (PASS)	-89.08	-85.3	-3.78	1.5	282	Horizontal	1000	0.05	-16

Table 41. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (1.164 – 1.240 GHz) Test Results

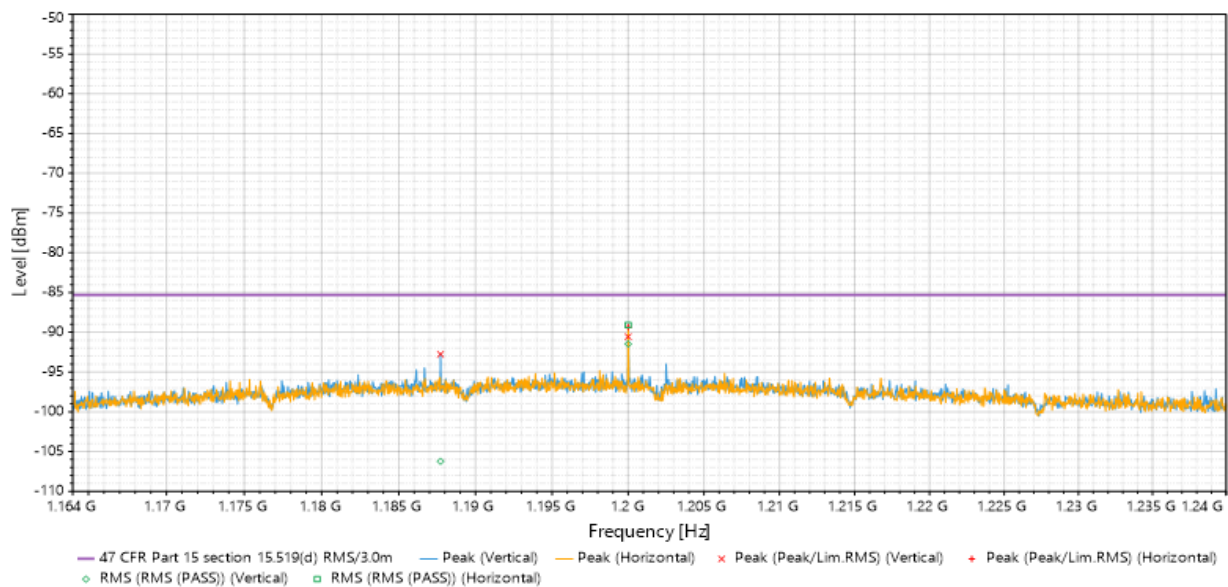


Figure 46. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (1.164 – 1.240 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1562.7806	RMS (PASS)	-107.448	-85.3	-22.148	1.5	30	Horizontal	1000	0.05	-16.276
1584.6279	RMS (PASS)	-107.61	-85.3	-22.31	1.5	22	Horizontal	1000	0.05	-16.174
1584.6281	RMS (PASS)	-107.496	-85.3	-22.196	1.5	-19	Vertical	1000	0.05	-16.127
1600.0001	RMS (PASS)	-90.194	-85.3	-4.894	1.5	17	Vertical	1000	0.05	-16.04
1600.0002	RMS (PASS)	-92.988	-85.3	-7.688	1.5	360	Horizontal	1000	0.05	-16.1

Table 42. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (1.559– 1.610 GHz) Test Results

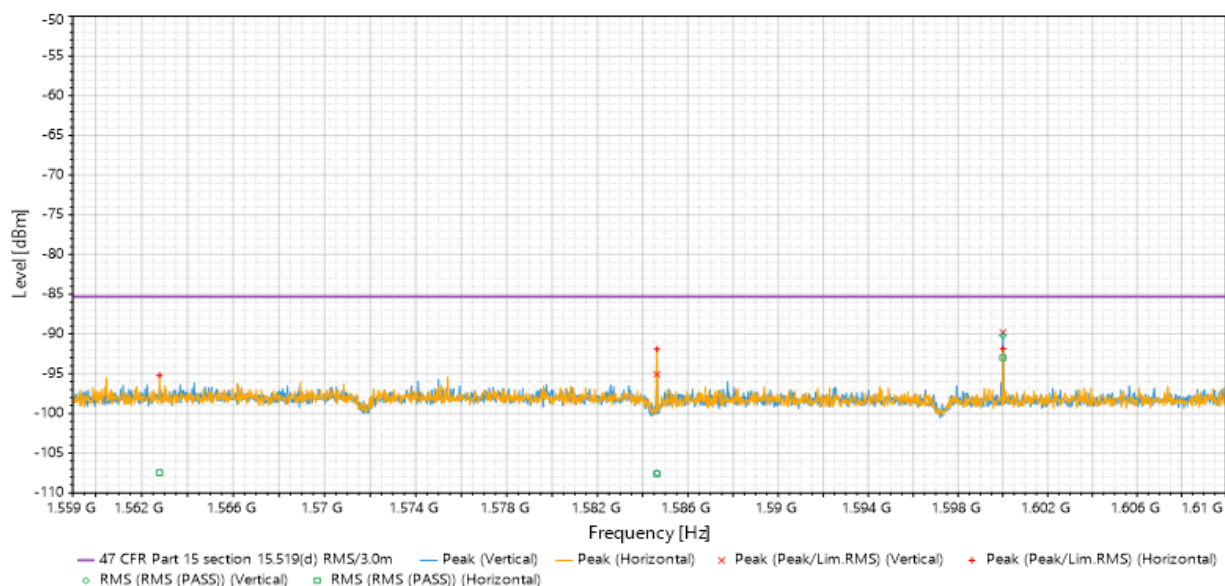


Figure 47. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz BPRF 62.4M (1.559– 1.610 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1562.7819	RMS (PASS)	-107.355	-85.3	-22.055	1.5	141	Vertical	1000	0.05	-16.247
1574.9927	RMS (PASS)	-107.333	-85.3	-22.033	1.5	14	Horizontal	1000	0.05	-16.219
1574.9931	RMS (PASS)	-107.339	-85.3	-22.039	1.5	-13	Vertical	1000	0.05	-16.18
1584.6285	RMS (PASS)	-107.564	-85.3	-22.264	1.5	9	Vertical	1000	0.05	-16.127
1599.9998	RMS (PASS)	-93.678	-85.3	-8.378	1.5	11	Horizontal	1000	0.05	-16.1
1600.0001	RMS (PASS)	-92.002	-85.3	-6.702	1.5	294	Vertical	1000	0.05	-16.04

Table 43. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (1.559– 1.610 GHz) Test Results

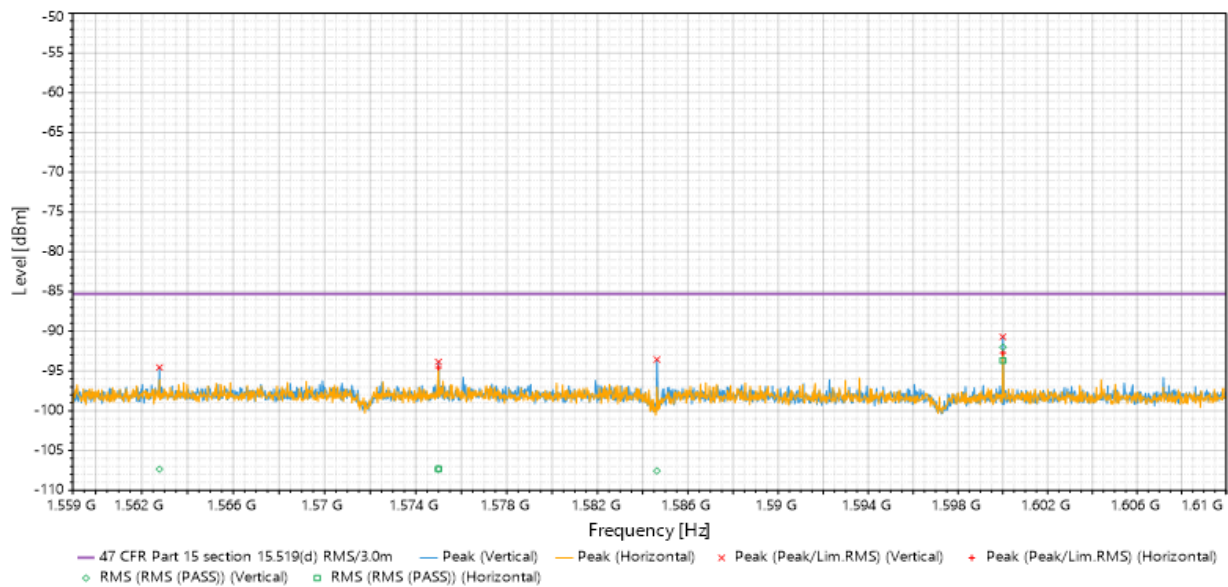


Figure 48. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 124.8M (1.559– 1.610 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

Frequency (MHz)	Source	Level (dBm)	Limit (dBm)	Margin (dB)	Height (m)	Azimuth (°)	Pol.	RBW (Hz)	Meas. Time (s)	Correction (dB)
1574.993	RMS (PASS)	-107.407	-85.3	-22.107	1.5	-16	Horizontal	1000	0.05	-16.219
1584.6272	RMS (PASS)	-107.506	-85.3	-22.206	1.5	-13	Vertical	1000	0.05	-16.127
1599.9998	RMS (PASS)	-92.396	-85.3	-7.096	1.5	15	Horizontal	1000	0.05	-16.1
1600.0001	RMS (PASS)	-91.788	-85.3	-6.488	1.5	8	Vertical	1000	0.05	-16.04

Table 44. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (1.559– 1.610 GHz) Test Results

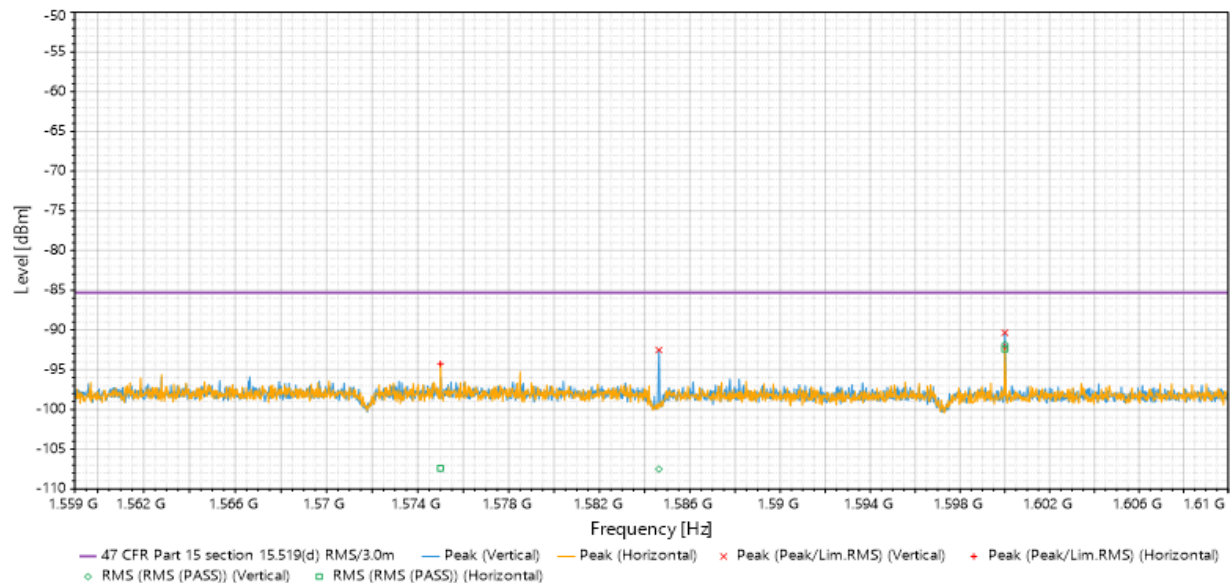


Figure 49. Radiated Spurious Emissions, UWB Channel 9 7987.2MHz HPRF 249.6M (1.559– 1.610 GHz) Plot

Note:

- Measurement Bandwidth: Prescan: RBW=1kHz, VBW=3kHz, Final: RBW = 1kHz, VBW=3kHz
- Distance between Measurement Antenna and EUT: 1m
- Height of EUT: 1.5m

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 15.519			Test Date(s): 12/22/2025 – 12/23/2025, 01/05/2026 – 01/06/2026		
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
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
1S2755	Low Noise Amplifier	EMC Shop	PA18G-HB	12/03/2024	12/03/2026
1S3866	Table Top Amplifier	MITEQ	TTA1840-35-HG	12/03/2024	12/03/2026
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 45. Radiated Spurious Emissions, Test Equipment

END OF REPORT