

TEST REPORT

Report Number: 16025787-E4V2

Applicant : Garmin International Inc.
1200 East 151st Street
Olathe, KS 66062-3426 USA

Model : A05115

Brand : Garmin

FCC ID : IPH-05115

IC : 1792A-05115

EUT Description : Portable Digital Transceiver

Test Standard(s) : FCC 47 CFR PART 15 SUBPART C
ISED RSS-247 ISSUE 4
ISED RSS-GEN ISSUE 5 + A1 + A2

Date Of Issue:
2026-01-09

Prepared by:
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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	2026-01-07	Initial Issue	---
V2	2026-01-09	Updated Section 6.1 and 9.3	Tina Chu

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	5
2. TEST RESULTS SUMMARY	6
3. TEST METHODOLOGY	6
4. FACILITIES AND ACCREDITATION	6
5. DECISION RULES AND MEASUREMENT UNCERTAINTY	7
5.1. METROLOGICAL TRACEABILITY	7
5.2. DECISION RULES	7
5.3. MEASUREMENT UNCERTAINTY	7
5.4. SAMPLE CALCULATION	7
6. EQUIPMENT UNDER TEST	8
6.1. EUT DESCRIPTION	8
6.2. MAXIMUM OUTPUT POWER	8
6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS	8
6.4. SOFTWARE AND FIRMWARE	8
6.5. WORST-CASE CONFIGURATION AND MODE	8
6.6. DESCRIPTION OF TEST SETUP	9
7. MEASUREMENT METHOD	11
8. TEST AND MEASUREMENT EQUIPMENT	11
9. ANTENNA PORT TEST RESULTS	12
9.1. ON TIME AND DUTY CYCLE	12
9.2. 99% BANDWIDTH	13
9.3. 6dB BANDWIDTH	15
9.4. OUTPUT POWER AND POWER SPECTRAL DENSITY	17
9.5. CONDUCTED SPURIOUS EMISSIONS	19
9.5.1. 802.11b MODE	20
9.5.2. 802.11g MODE	21
9.5.3. 802.11n HT20 MODE	23
10. RADIATED TEST RESULTS	25
10.1. TRANSMITTER ABOVE 1 GHz	27
10.1.1. LOW BANDEDGE	27
10.1.2. HIGH BANDEDGE	29
10.1.3. 802.11b MODE – HARMONIC AND SPURIOUS EMISSIONS	31
10.1.4. 802.11g MODE – HARMONIC AND SPURIOUS EMISSIONS	33
10.1.5. 802.11n HT20 MODE – HARMONIC AND SPURIOUS EMISSIONS	35

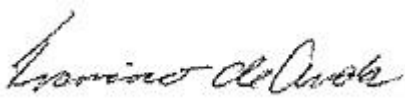
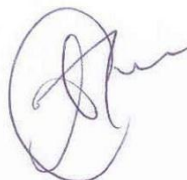
10.2. TRANSMITTER WORST CASE BELOW 30MHz37

10.3. TRANSMITTER WORST CASE BELOW 1 GHz38

10.4. TRANSMITTER WORST CASE 18-26 GHz.....40

11. SETUP PHOTOS.....42

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	Garmin International Inc. 1200 East 151 st Street Olathe, KS 66062-3426, USA
Model	A05115
Brand	Garmin
FCC ID	IPH-05115
IC	1792A-05115
EUT Description	Portable Digital Transceiver
Serial Number	352203550 (Conducted); 3522388756 (Radiated)
Sample Receipt Date	2025-10-14
Date Tested	2025-10-15 to 2025-11-17, 2026-01-09
Applicable Standards	FCC 47 CFR Part 15 Subpart C ISED RSS-247 Issue 4 ISED RSS-GEN Issue 5 + A1 + A2
Test Results	COMPLIES
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to ensure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. This document may not be altered or revised in any way unless done so by UL Verification Services Inc., and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.	
Approved & Released By:	Prepared & Reviewed By:
	
Francisco deAnda Staff Engineer UL Verification Services Inc.	Tina Chu Senior Project Engineer UL Verification Services, Inc.

2. TEST RESULTS SUMMARY

This report contains data provided by the customer, which can impact the validity of the results. UL Verification Services Inc. is only responsible for correctly integrating customer-provided data with measurements performed by UL Verification Services Inc.

Below is a list of the data provided by the customer:

1. Antenna gain and type (see section 6.3)
2. Cable loss (see section 6.3)

Requirement Description	Requirement Clause Number (FCC)	Requirement Clause Number (ISED)	Result
Duty Cycle	-	-	Reporting purposes only
99% OBW	-	RSS-GEN 6.7	Complies
6dB BW	15.247 (a) (2)	RSS-247 6.3.1 (a)	Complies
Output Power	15.247 (b) (3)	RSS-247 6.3.2	Complies
PSD	15.247 (e)	RSS-247 6.3.1 (b)	Complies
Conducted Spurious Emissions	15.247 (d)	RSS-247 6.6	Complies
Radiated Emissions	15.209, 15.205	RSS-GEN 8.9, 8.10	Complies
AC Mains Conducted Emissions	15.207	RSS-Gen 8.8	Not applicable. EUT is powered by battery/DC power supply

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with:

- ANSI C63.10-2020 (FCC)
- ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+ Errata to C63.10a-2024 (ISED)
- FCC 47 CFR Part 2
- FCC 47 CFR Part 15C
- KDB 558074 D01 15.247 Meas Guidance
- KDB 414788 D01 Radiated Test Site
- RSS-GEN Issue 5 + A1 + A2
- RSS-247 Issue 4

4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☐	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☐	Building 3: 843 Auburn Court, Fremont, CA 94538 USA			
☒	Building 4: 47658 Kato Rd, Fremont, CA 94538 USA			
☐	Building 5: 47670 Kato Rd, Fremont, CA 94538 USA			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated regularly, with a maximum time between calibrations of one year or the manufacturer's recommendation, whichever is less, and, where applicable, is traceable to recognized national standards.

5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{LAB}
Conducted Antenna Port Emission Measurement	1.94 dB
Power Spectral Density	2.466 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using a Power Meter	0.45 dB (Ave), 1.30 dB Peak)
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22 %
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB

Uncertainty figures are valid to a confidence level of 95%.

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
 36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) + LISN Insertion Loss.
 36.5 dBuV + 0 dB + 10.1 dB + 0 dB = 46.6 dBuV

6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

The EUT is a Portable Digital Transceiver.

6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak conducted output power as follows:

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
1Tx			
2412 - 2462	802.11b	20.85	121.62
	802.11g	25.68	369.83
	802.11n HT20	25.5	354.81

6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS

The antenna(s) gain and type, as provided by the manufacturer' are as follows:

The radio utilizes a PIFA antenna with a maximum gain of -0.5 dBi and 0.71dB cable loss.

The cables were used for RF antenna port tests that had been offset to the test equipment during testing.

6.4. SOFTWARE AND FIRMWARE

The EUT firmware and software installed during testing were versions 0.74.

6.5. WORST-CASE CONFIGURATION AND MODE

Radiated emissions below 1GHz, above 18GHz were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

Band edge and radiated emissions between 1GHz and 18GHz were performed with the EUT set to transmit at the highest power on low, middle and high channels.

EUT was investigated in three orthogonal orientations: X (Flatbed), Y (Landscape), and Z (Portrait). The X (Flatbed) is the worst-case orientation. Full tests on the EUT were made on X (Flatbed) orientation. After investigation, the worst configuration set for all radiated tests is with EUT powered by Powered Mount via DC power supply and the USB-C port is terminated by a laptop via USB cable.

Worst data rates provided by manufacturer as follows:

802.11b mode: 1 Mbps
 802.11g mode : 6 Mbps
 802.11n HT20 mode: MCS0

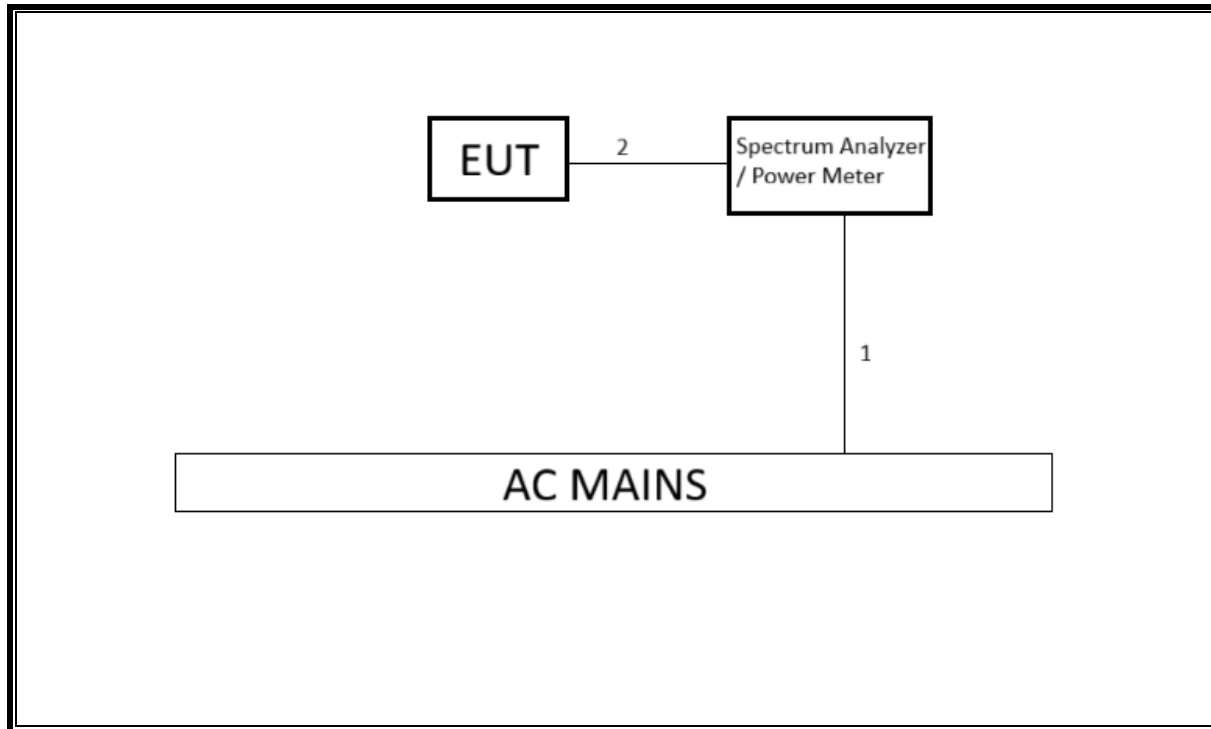
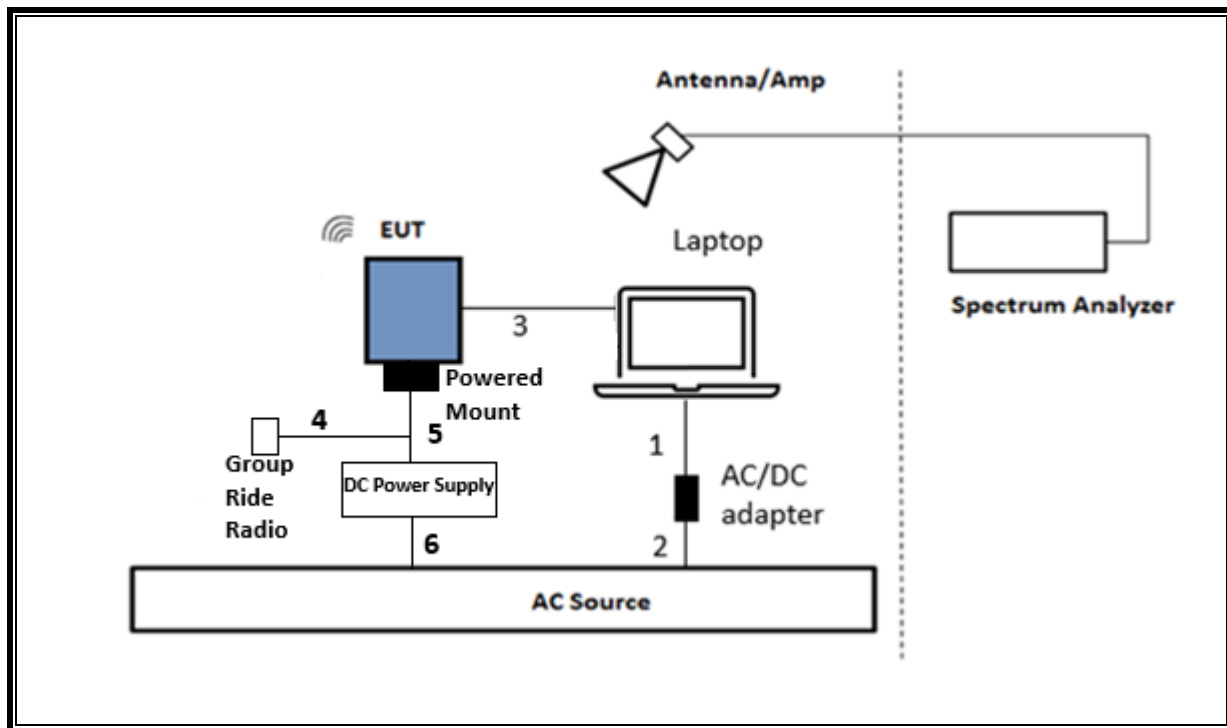
Plots included in the report are representative of the method and settings parameters used for the test.

6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number		FCC ID/ DoC
Laptop		Lenovo	T460s	PC0K7DPE		DOC
Laptop AC/DC adapter		Lenovo	ADLX65NCC2A	11S36200284ZZ10046BP9N		DOC
Powered Mount		Garmin	N/A	N/A		DoC
Group Ride Radio		Garmin	N/A	N/A		DoC
DC Power Supply		ABM	8185D	D021366		DoC
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	1	3-prongs	Un-Shielded	1.8	AC Mains to Analyzer/Power Meter
2	Antenna	1	SMA	Shielded	0.1	Analyzer/Power Meter to EUT
I/O CABLES (RF RADIATED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC	1	DC	Shielded	1.8	AC/DC Adapter to Laptop
2	AC	1	2-prongs	Unshielded	1.8	AC Mains to AC/DC Adapter
3	USB	1	USB-C	Shielded	1	Laptop to EUT
4	DC	1	USB-micro	Shielded	0.7	Powered Mount to Group Ride Radio
5	DC	1	DC	Unshielded	2.45	Powered Mount to DC Power Supply
6	AC	1	3-prongs	Unshielded	1.8	AC Mains to DC power supply

TEST SETUP

The EUT setup is shown below. Test software exercised the radio card.

SETUP DIAGRAM FOR CONDUCTED TESTS**SETUP DIAGRAM FOR RADIATED TESTS**

7. MEASUREMENT METHOD

Test Item	Test Method
On Time and Duty Cycle	ANSI C63.10 Section 11.6
6 dB BW	ANSI C63.10 Subclause -11.8.1 RBW $\geq$ DTS BW
99% BW	ANSI C63.10, Subclause 6.9.3.
Conducted Output Power	ANSI C63.10 Subclause -11.9.2.3.2 Method AVGPM G (Measurement using an RF average-reading power meter), 11.9.1.2 Method PKPM1 Peak-reading power meters
Power Spectral Density	ANSI C63.10 Subclause -11.10.2 Method PKPSD (peak PSD)
Radiated emissions non-restricted frequency bands	ANSI C63.10 Subclause -11.11
Radiated emissions restricted frequency bands	ANSI C63.10 Subclause -11.12.1
Conducted emissions in restricted frequency bands	ANSI C63.10 Subclause -11.12.2
Band-edge	ANSI C63.10 Subclause -11.12.2.4: Peak Measurement
Band-edge	ANSI C63.10 Subclause -11.12.2.5: Average Measurement
Radiated Spurious Emissions Below 30MHz	ANSI C63.10 Subclause 6.4

8. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	ID Num	Cal Due
Antenna, Horn 18 to 26.5GHz	A.R.A.	MWH-1826/B	81140	2027-05-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gainr	UL-FR1	AMP18G26.5-60	215705	2026-10-31
EMI Test Receiver	Rohde & Schwarz	ESW44	225688	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	80707	2027-08-31
RF Filter Box, 1-18GHz	UL-FR1	RATS 1.0, 2 Amp, 6 Port	171875	2026-03-31
Antenna, Passive Loop 100kHz to 30MHz	ELECTRO-METRICS	EM-6872	219910	2026-08-31
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	219908	2026-08-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	202329	2027-04-30
Link File, 9KHz-1GHz Port 0 Factors	UL-FR1	Port 0 Factors	213877	2026-03-31
EMI TEST RECEIVER, with B8 option	Rohde & Schwarz	ESW44	245268	2026-02-28
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	252765	Verified
P-Series Power Meter	Keysight Technologies Inc	N1912A-CFG003	259286	2026-03-31
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257703	2026-03-31
Spectrum Analyzer, PXA, 3Hz to 44GHz	N9030A	Keysight Technologies Inc	80396	2026-01-31

UL AUTOMATION SOFTWARE			
Radiated Software	UL	UL EMC	Ver 9.5, 25 Aug 2025
Conducted Software	UL	UL EMC	2024.2.23

9. ANTENNA PORT TEST RESULTS

9.1. ON TIME AND DUTY CYCLE LIMITS

None; for reporting purposes only.

PROCEDURE

ANSI C63.10, Section 11.6: Zero-Span Spectrum Analyzer Method.

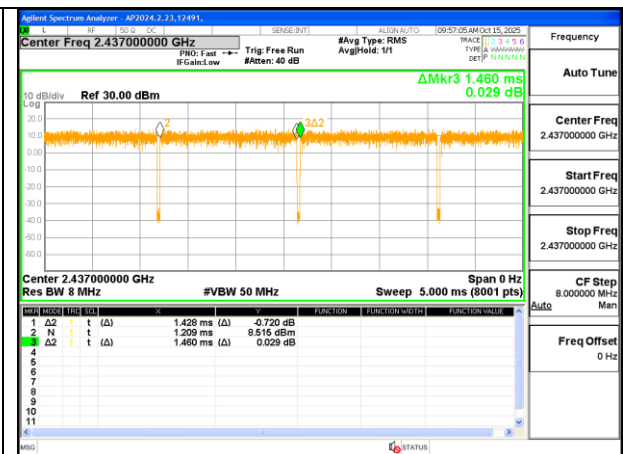
ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time T (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)
b	8.607	8.634	0.9969	99.69	0.00	0.010
g	1.428	1.460	0.9782	97.82	0.10	0.700
HT20	1.336	1.367	0.9771	97.71	0.10	0.749

DUTY CYCLE PLOTS



DUTY CYCLE b mode



DUTY CYCLE g mode



DUTY CYCLE HT20 mode

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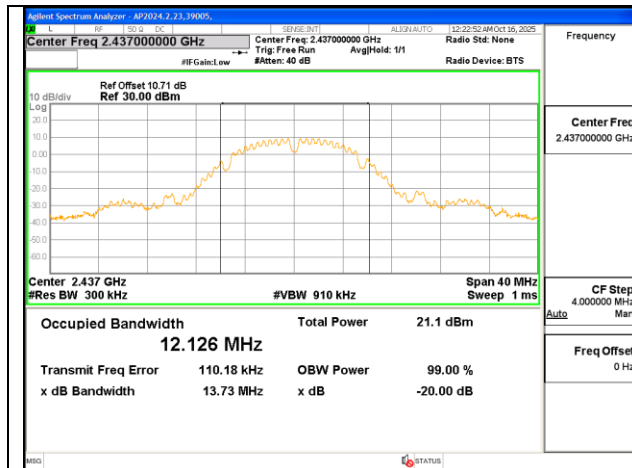
9.2. 99% BANDWIDTH LIMITS

None; for reporting purposes only.

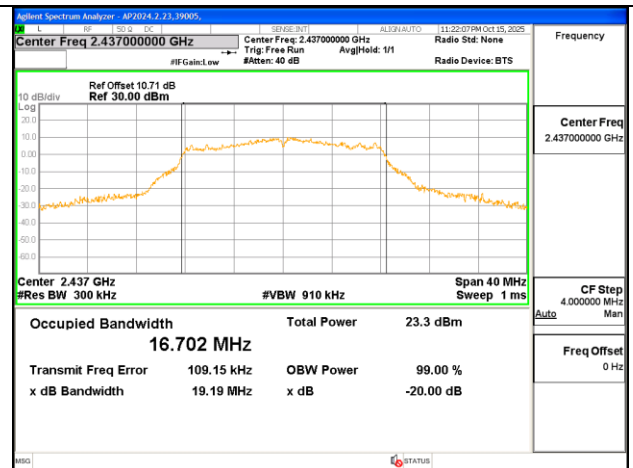
RESULTS

Only the mid-channel plot is reported to show that the setting parameter complies with the testing method/procedure.

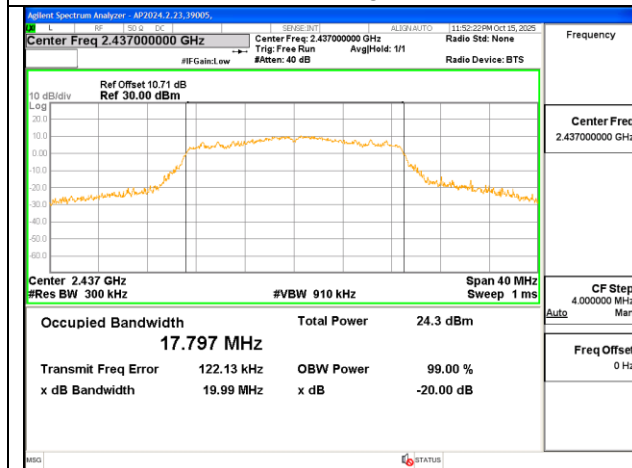
Mode	Frequency (MHz)	Channel Number	99% Bandwidth (MHz)
b	2412	1	12.053
	2437	6	12.126
	2462	11	12.234
g	2412	1	16.570
	2417	2	16.648
	2422	3	16.442
	2437	6	16.702
	2457	10	16.388
	2462	11	16.663
HT20	2412	1	17.660
	2417	2	17.770
	2437	6	17.797
	2457	10	17.686
	2462	11	17.713



b-mode – Mid Channel



g-mode – Mid Channel



HT20-mode – Mid Channel

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9.3. 6dB BANDWIDTH

LIMITS

FCC §15.247 (a) (2)

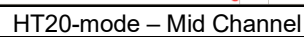
RSS-247 6.3.1 (a)

The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

Only the mid-channel plot is reported to show that the setting parameter complies with the testing method/procedure.

Mode (SISO)	Frequency (MHz)	Channel Number	6dB Bandwidth (MHz)
b	2412	1	8.32
	2437	6	8.76
	2462	11	8.76
g	2412	1	13.76
	2417	2	12.76
	2422	3	16.36
	2437	6	15.84
	2457	10	15.64
	2462	11	14.68
HT20	2412	1	15.72
	2417	2	15.28
	2437	6	17.64
	2457	10	17.28
	2462	11	17.00



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9.4. OUTPUT POWER AND POWER SPECTRAL DENSITY

LIMITS

FCC §15.247 (b) (3) & (e)

RSS-247 6.3.2 & 6.3.1 (b)

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt, based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

TEST PROCEDURE

Measurements are performed using a wideband RF power meter.

The power output was measured on the EUT antenna port using an SMA cable with a 10dB attenuator connected to a power meter via a wideband power sensor. Both peak and Gated average output power was read directly from the power meter.

DIRECTIONAL ANTENNA GAIN

For 1 TX:

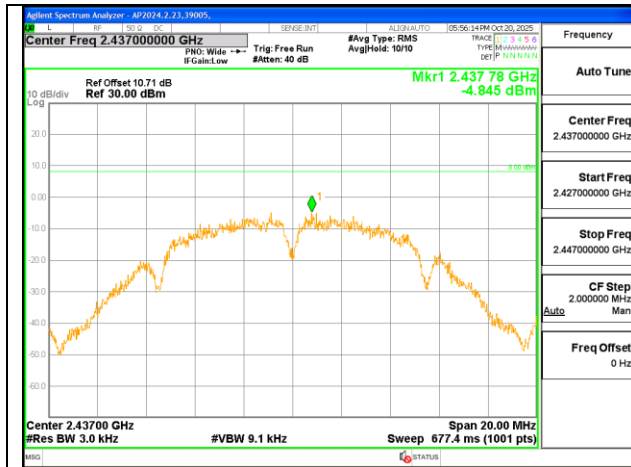
There is only one transmitter output; therefore, the directional gain is equal to the antenna gain of -0.5 dBi.

RESULTS

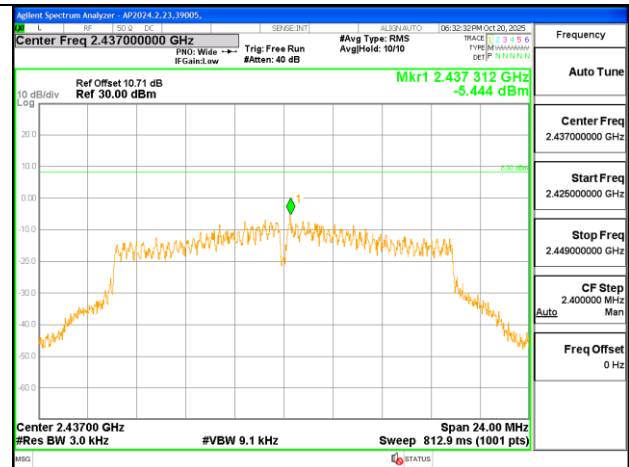
Only the mid-channel plot is reported to show that the setting parameters comply with the testing method/procedure.

Mode	No. of Tx	Channel	Freq (MHz)	Measured Conducted Avg Power (dBm)	Measured Conducted Peak Power (dBm)	Outpower Power Limit (dBm)	Power Margin (dB)	Measured PSD (dBm/3kHz)	*DCCF (dB)	Corrected Total PSD with DCCF (dBm/3kHz)	PSD Limit (dBm/3kHz)	PSD Margin (dB)
b	1Tx	1	2412	17.90	20.85	30.00	-9.15	-4.89	0.00	-4.89	8.00	-12.89
		6	2437	17.15	20.10	30.00	-9.90	-4.85	0.00	-4.85	8.00	-12.85
		11	2462	17.87	20.72	30.00	-9.28	-4.26	0.00	-4.26	8.00	-12.26
g	1Tx	1	2412	14.63	24.90	30.00	-5.10	-7.74	0.00	-7.74	8.00	-15.74
		2	2417	15.65	25.47	30.00	-4.53	-6.81	0.00	-6.81	8.00	-14.81
		3	2422	17.58	24.64	30.00	-5.36	-5.25	0.00	-5.25	8.00	-13.25
		6	2437	17.10	24.68	30.00	-5.32	-5.44	0.00	-5.44	8.00	-13.44
		10	2457	17.92	25.68	30.00	-4.32	-5.11	0.00	-5.11	8.00	-13.11
		11	2462	16.75	24.61	30.00	-5.39	-6.02	0.00	-6.02	8.00	-14.02
HT20	1Tx	1	2412	15.00	23.32	30.00	-6.68	-7.60	0.00	-7.60	8.00	-15.60
		2	2417	17.20	25.19	30.00	-4.81	-5.76	0.00	-5.76	8.00	-13.76
		6	2437	17.67	24.95	30.00	-5.05	-5.23	0.00	-5.23	8.00	-13.23
		10	2457	18.50	25.50	30.00	-4.50	-4.54	0.00	-4.54	8.00	-12.54
		11	2462	16.13	23.60	30.00	-6.40	-6.69	0.00	-6.69	8.00	-14.69

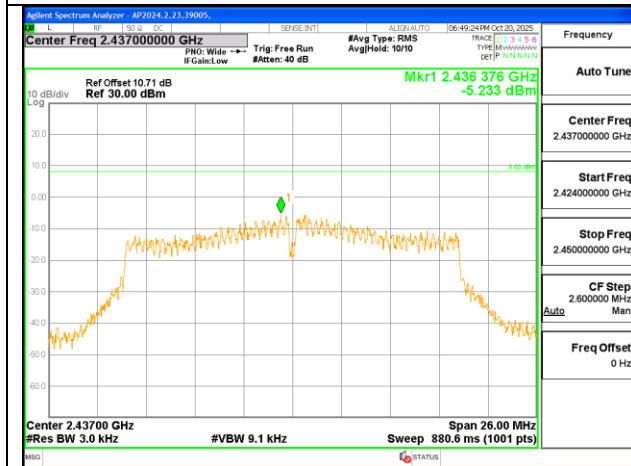
*PSD using Method PKPSD (peak PSD), DCCF=0

PSD PLOT

b-mode – Mid Channel



g-mode – Mid Channel



HT20-mode – Mid Channel

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9.5. CONDUCTED SPURIOUS EMISSIONS

LIMITS

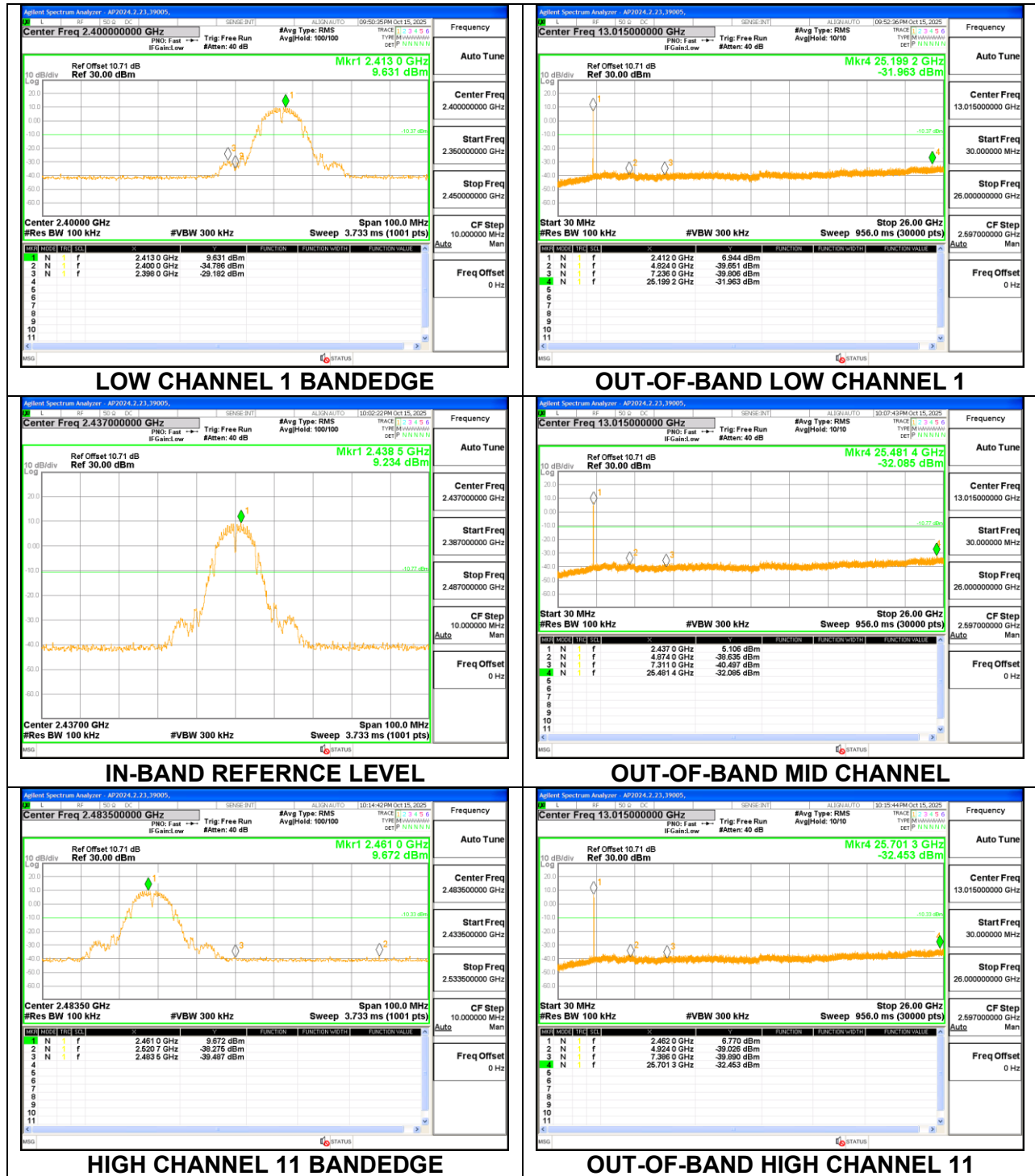
FCC §15.247 (d)

RSS-247 6.6

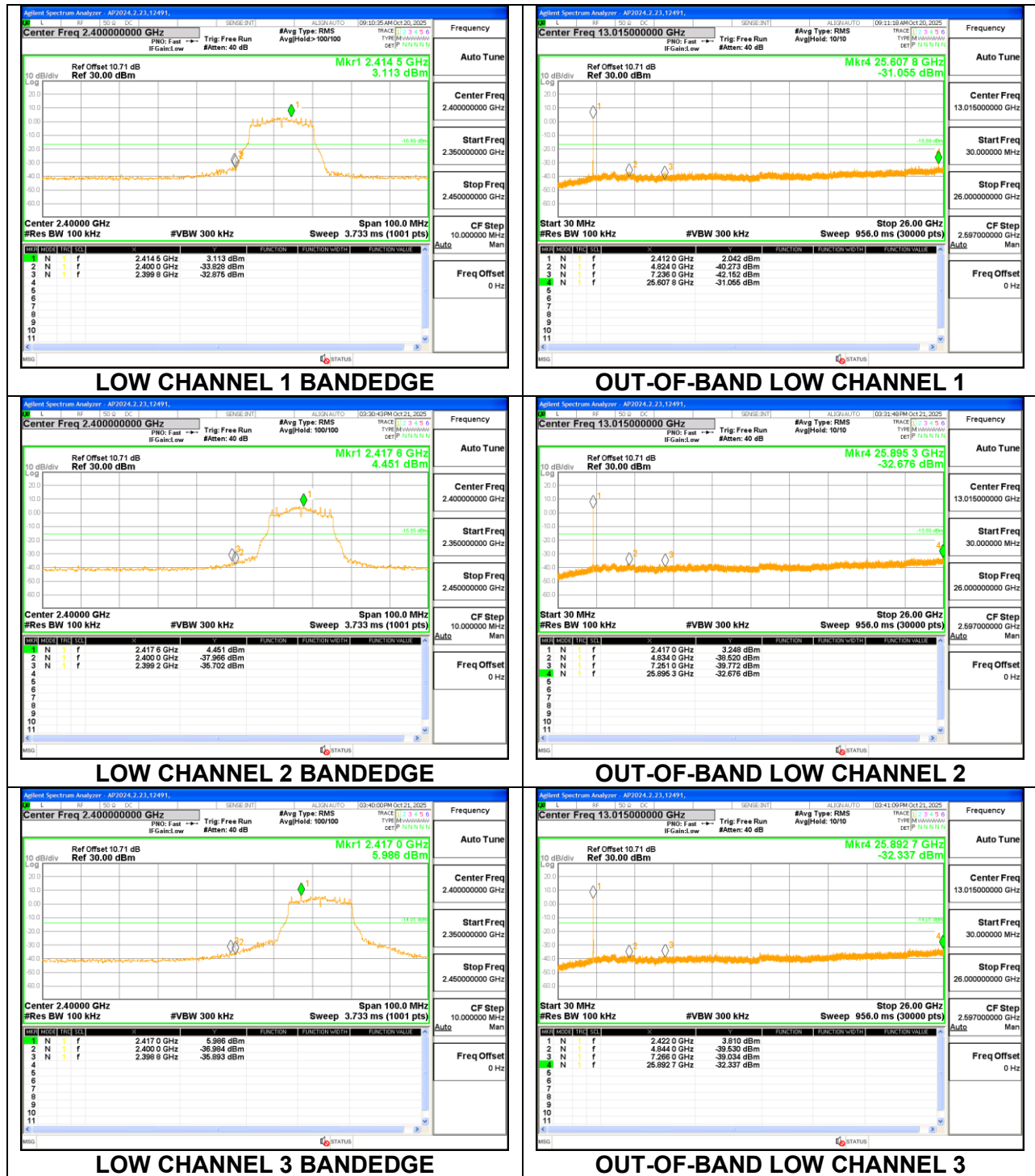
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

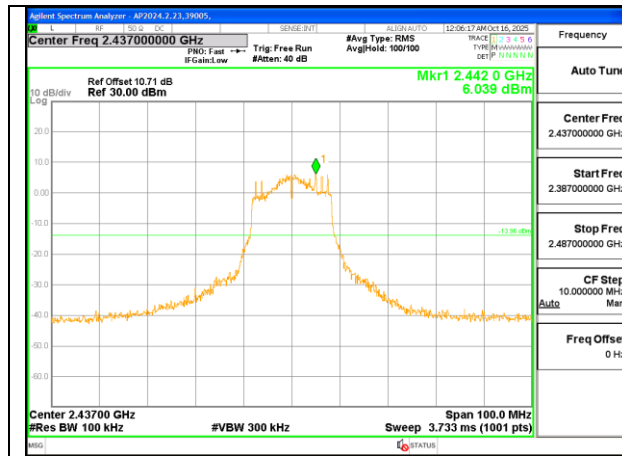
RESULTS

9.5.1. 802.11b MODE

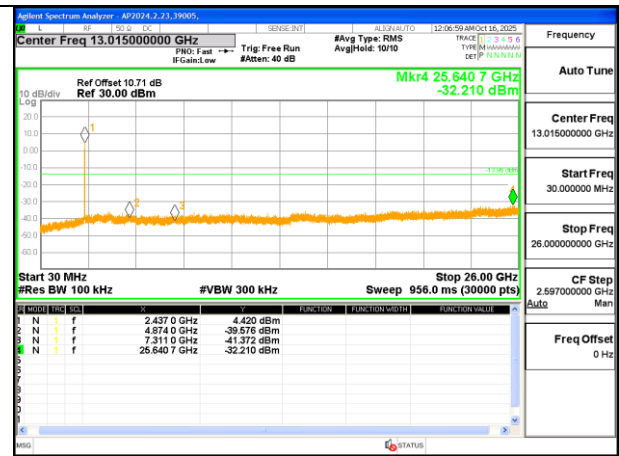


9.5.2. 802.11g MODE

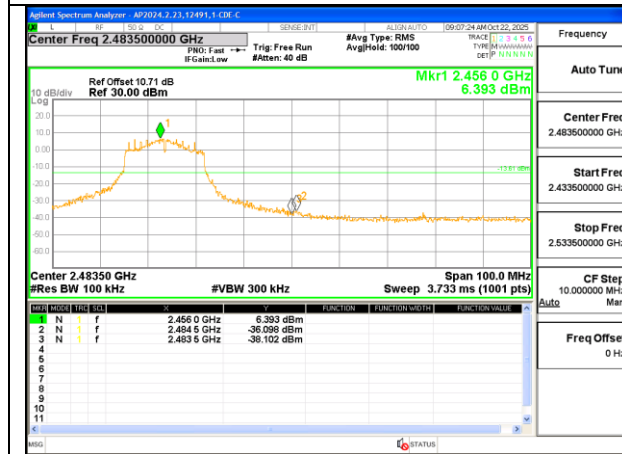




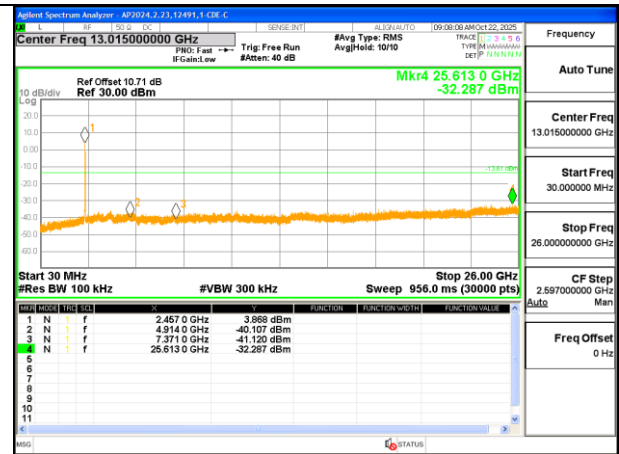
IN-BAND REFERENCE LEVEL



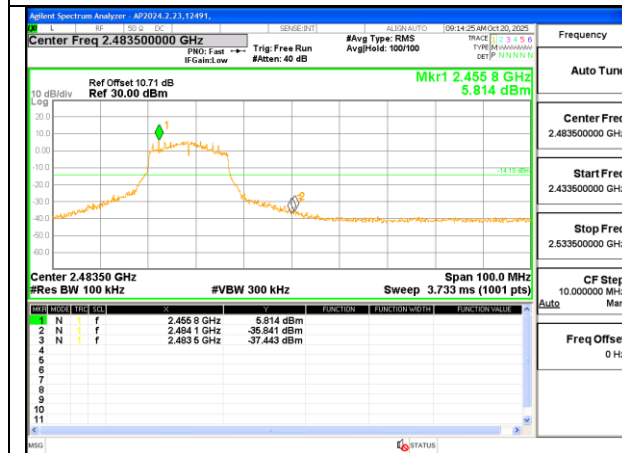
OUT-OF-BAND MID CHANNEL



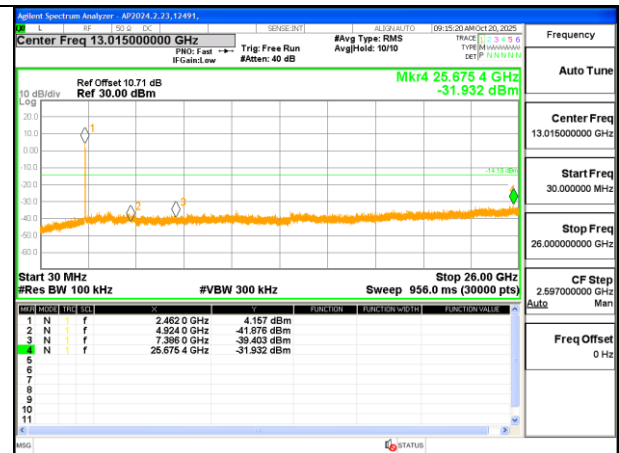
HIGH CHANNEL 10 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 10

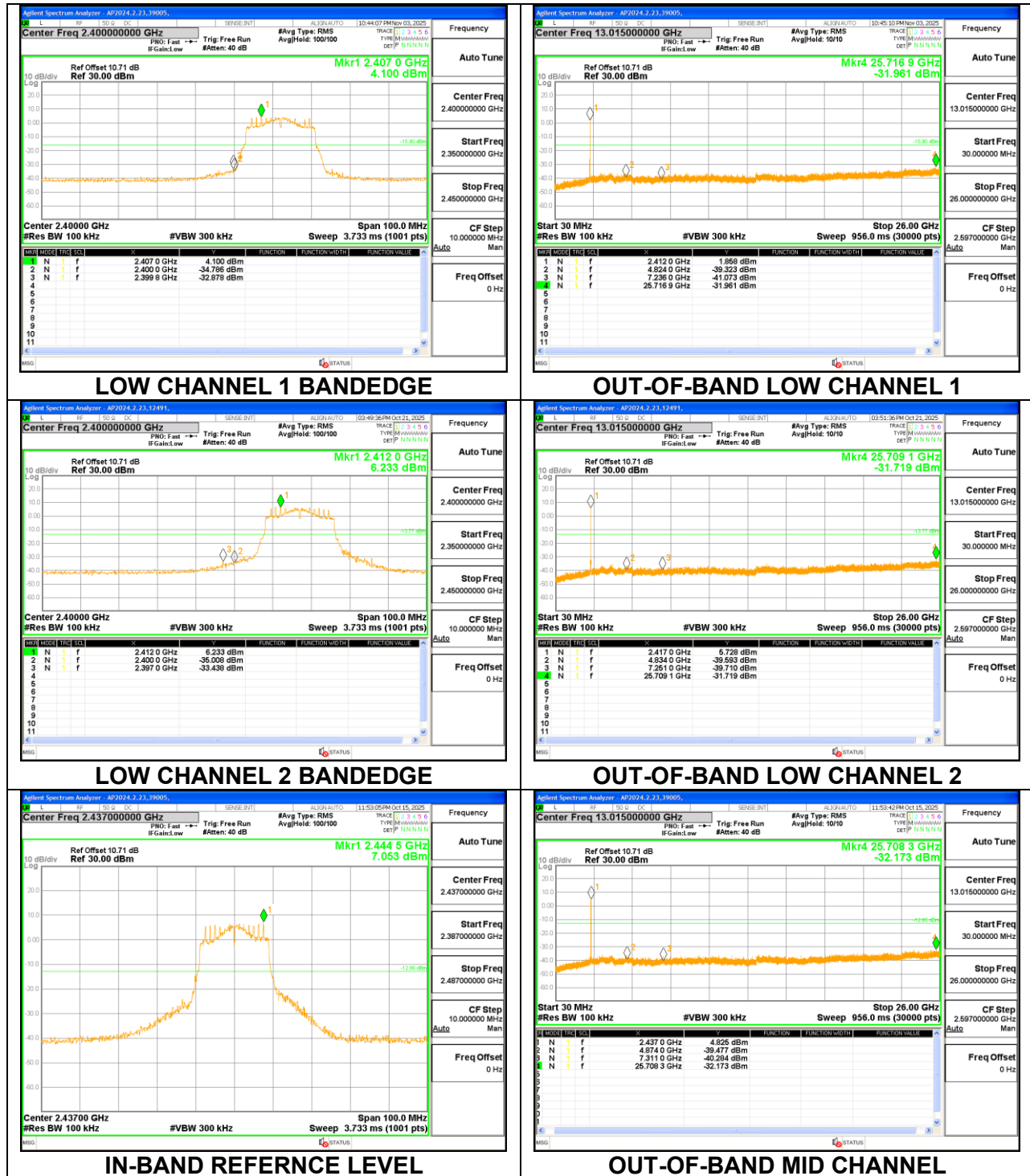


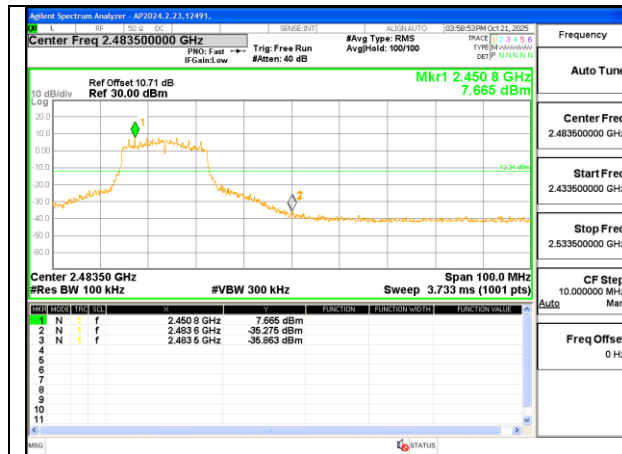
HIGH CHANNEL 11 BANDEDGE



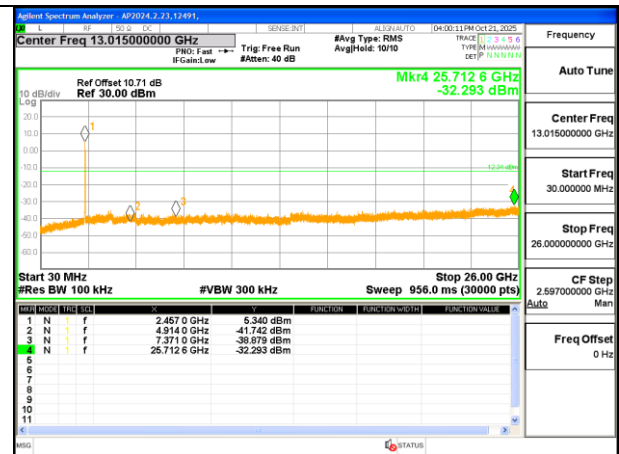
OUT-OF-BAND HIGH CHANNEL 11

9.5.3. 802.11n HT20 MODE

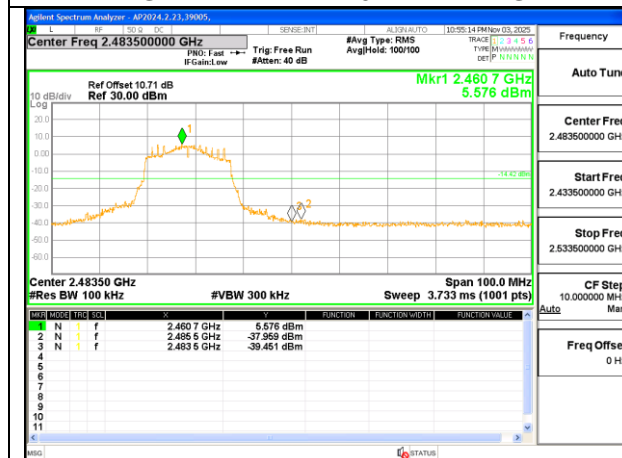




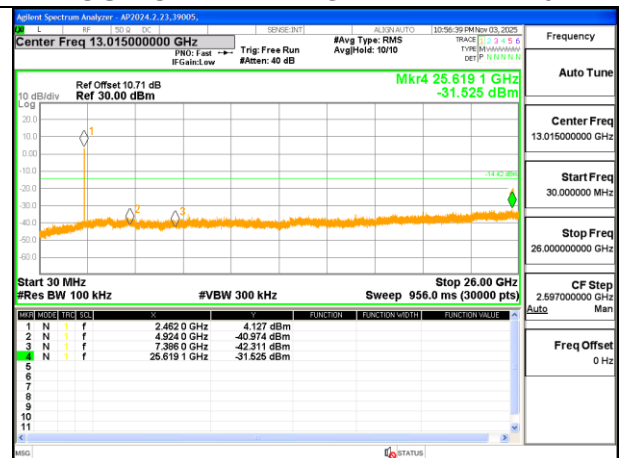
HIGH CHANNEL 10 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 10



HIGH CHANNEL 11 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 11

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209
RSS-GEN, Section 8.9 and 8.10

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz, the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as a quasi-peak.

For pre-scans above 1 GHz, the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 kHz for peak measurements.

For final measurements above 1 GHz, the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only. Blue color trace on plots: Parallel orientation. Green color trace on plots: Perpendicular orientation.

Note: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB to the corresponding RSS-Gen Table 6 limit as the 15.209(a) limit.

KDB 414788 Open Field Site (OFS) and Chamber Correlation Justification

Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed, and the measured test result is the worst-case test result.

RESULTS

The plots in these sections are for reference settings only for different bandwidths and different antennas.

10.1. TRANSMITTER ABOVE 1 GHz

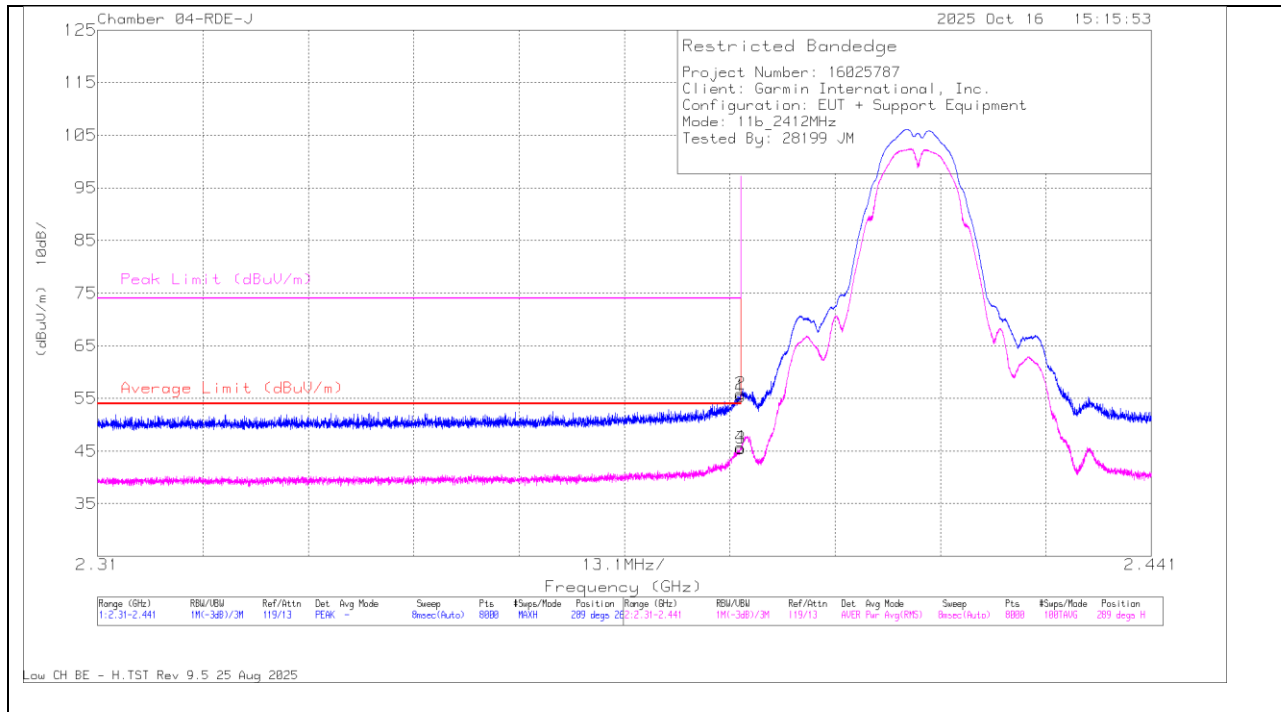
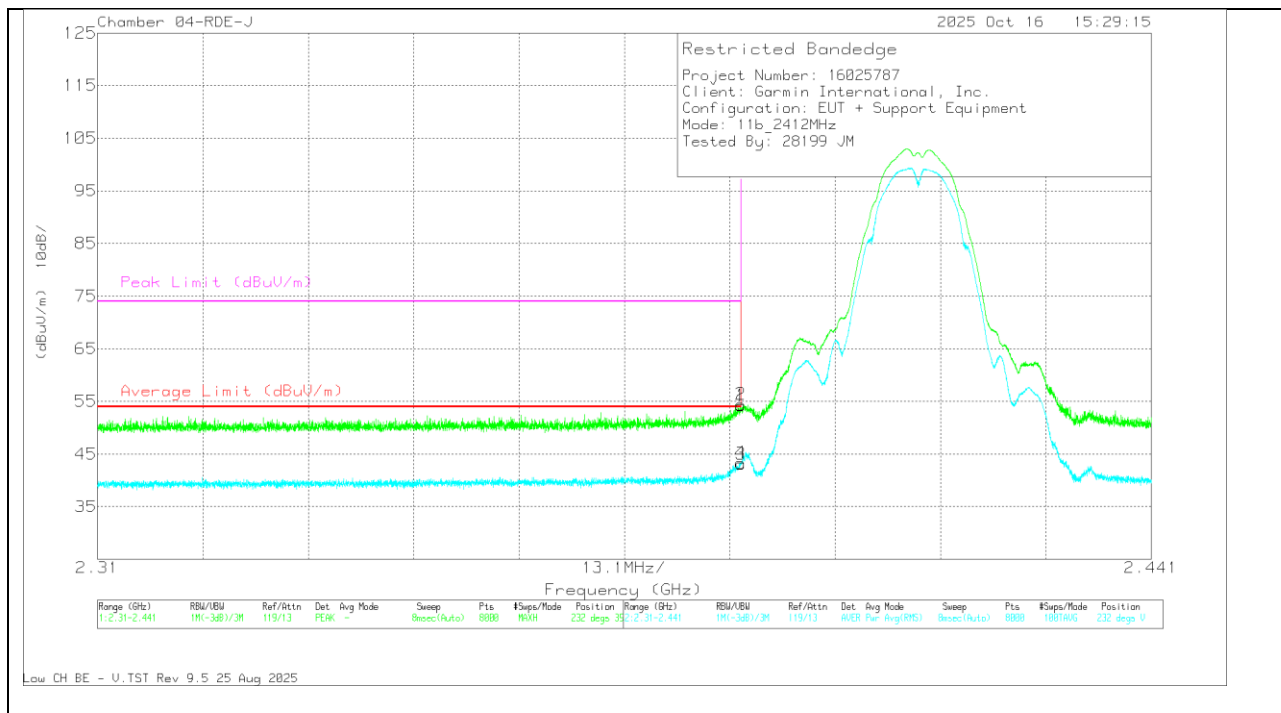
10.1.1. LOW BANDEDGE

DTS (SISO)	Channel Frequency (MHz)	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2412	* 2.39	60.35	Pk	32.2	-37.1	0	55.45	-	-	74	-18.55	289	264	H
		* 2.389953	60.76	Pk	32.2	-37.1	0	55.86	-	-	74	-18.14	289	264	H
		* 2.39	50.4	RMS	32.2	-37.1	0	45.5	54	-8.5	-	-	289	264	H
		* 2.389887	50.56	RMS	32.2	-37.1	0	45.66	54	-8.34	-	-	289	264	H
		* 2.39	59.09	Pk	32.2	-37.1	0	54.19	-	-	74	-19.81	232	392	V
		* 2.389985	59.29	Pk	32.2	-37.1	0	54.39	-	-	74	-19.61	232	392	V
		* 2.39	47.99	RMS	32.2	-37.1	0	43.09	54	-10.91	-	-	232	392	V
g- Mode	2412	* 2.389953	48.18	RMS	32.2	-37.1	0	43.28	54	-10.72	-	-	232	392	V
		* 2.39	67.19	Pk	32.2	-28.2	0	71.19	-	-	74	-2.81	192	260	H
		* 2.389953	67.62	Pk	32.2	-28.2	0	71.62	-	-	74	-2.38	192	260	H
		* 2.39	46.21	RMS	32.2	-28.2	0.1	50.31	54	-3.69	-	-	192	260	H
		* 2.389887	48.03	RMS	32.2	-28.2	0.1	52.13	54	-1.87	-	-	192	260	H
		* 2.39	64.61	Pk	32.2	-28.2	0	68.61	-	-	74	-5.39	136	293	V
		* 2.38838	65.04	Pk	32.2	-28.2	0	69.04	-	-	74	-4.96	136	293	V
g-Mode	2417	* 2.39	43.41	RMS	32.2	-28.2	0.1	47.51	54	-6.49	-	-	136	293	V
		* 2.389265	46.14	RMS	32.2	-28.2	0.1	50.24	54	-3.76	-	-	136	293	V
		* 2.39	60.13	Pk	32.2	-28.2	0	64.13	-	-	74	-9.87	307	116	H
		* 2.389396	62.49	Pk	32.2	-28.2	0	66.49	-	-	74	-7.51	307	116	H
		* 2.39	43.23	RMS	32.2	-28.2	0.1	47.33	54	-6.67	-	-	307	116	H
		* 2.38933	44.7	RMS	32.2	-28.2	0.1	48.8	54	-5.2	-	-	307	116	H
		* 2.39	50.91	Pk	32.2	-28.2	0	54.91	-	-	74	-19.09	271	110	V
g-Mode	2422	* 2.389641	53.33	Pk	32.2	-28.2	0	57.33	-	-	74	-16.67	271	110	V
		* 2.39	35.09	RMS	32.2	-28.2	0.1	39.19	54	-14.81	-	-	271	110	V
		* 2.38985	36.43	RMS	32.2	-28.2	0.1	40.53	54	-13.47	-	-	271	110	V
		* 2.39	57.84	Pk	32.2	-28.2	0	61.84	-	-	74	-12.16	310	109	H
		* 2.389903	58.95	Pk	32.2	-28.2	0	62.95	-	-	74	-11.05	310	109	H
		* 2.39	44.24	RMS	32.2	-28.2	0.1	48.34	54	-5.66	-	-	310	109	H
		* 2.389723	45.4	RMS	32.2	-28.2	0.1	49.5	54	-4.5	-	-	310	109	H
HT20- Mode	2412	* 2.39	52.82	Pk	32.2	-28.2	0	56.82	-	-	74	-17.18	295	145	V
		* 2.389985	52.83	Pk	32.2	-28.2	0	56.83	-	-	74	-17.17	295	145	V
		* 2.39	38.79	RMS	32.2	-28.2	0.1	42.89	54	-11.11	-	-	295	145	V
		* 2.389347	39.13	RMS	32.2	-28.2	0.1	43.23	54	-10.77	-	-	295	145	V
		* 2.39	62.65	Pk	32.2	-28.2	0	66.65	-	-	74	-7.35	266	142	H
		* 2.389854	65.1	Pk	32.2	-28.2	0	69.1	-	-	74	-4.9	266	142	H
		* 2.39	44.05	RMS	32.2	-28.2	0.1	48.15	54	-5.85	-	-	266	142	H
HT20- Mode	2417	* 2.389953	45.84	RMS	32.2	-28.2	0.1	49.94	54	-4.06	-	-	266	142	H
		* 2.39	58.37	Pk	32.2	-28.2	0	62.37	-	-	74	-11.63	335	263	V
		* 2.389936	61.68	Pk	32.2	-28.2	0	65.68	-	-	74	-8.32	335	263	V
		* 2.39	42.88	RMS	32.2	-28.2	0.1	46.98	54	-7.02	-	-	335	263	V
		* 2.38992	42.4	RMS	32.2	-28.2	0.1	46.5	54	-7.5	-	-	335	263	V
		* 2.39	62.61	Pk	32.2	-28.2	0	66.61	-	-	74	-7.39	306	160	H
		* 2.389756	65.01	Pk	32.2	-28.2	0	69.01	-	-	74	-4.99	306	160	H
HT20- Mode	2417	* 2.39	44.69	RMS	32.2	-28.2	0.1	48.79	54	-5.21	-	-	306	160	H
		* 2.389838	45.95	RMS	32.2	-28.2	0.1	50.05	54	-3.95	-	-	306	160	H
		* 2.39	52.68	Pk	32.2	-28.2	0	56.68	-	-	74	-17.32	326	290	V
		* 2.389379	55.46	Pk	32.2	-28.2	0	59.46	-	-	74	-14.54	326	290	V
		* 2.39	36.1	RMS	32.2	-28.2	0.1	40.2	54	-13.8	-	-	326	290	V
		* 2.389838	37.79	RMS	32.2	-28.2	0.1	41.89	54	-12.11	-	-	326	290	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL / 2412MHz), 802.11b Mode**HORIZONTAL RESULT****VERTICAL RESULT**

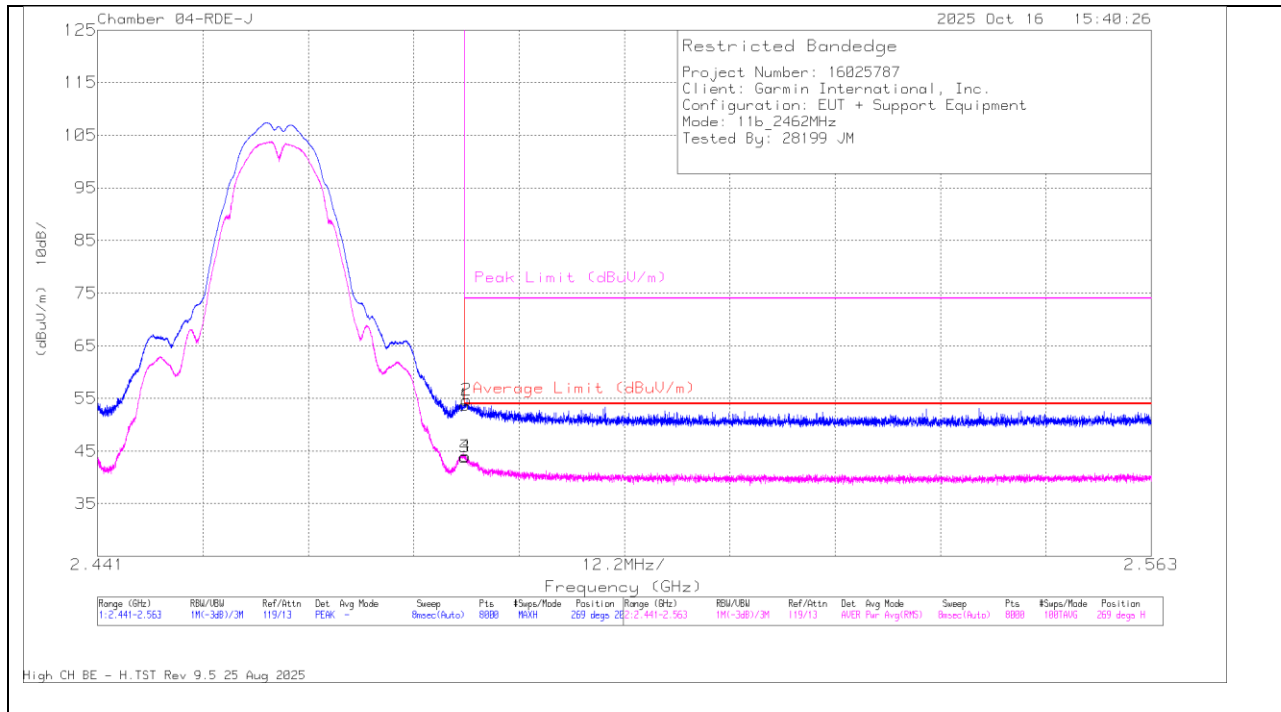
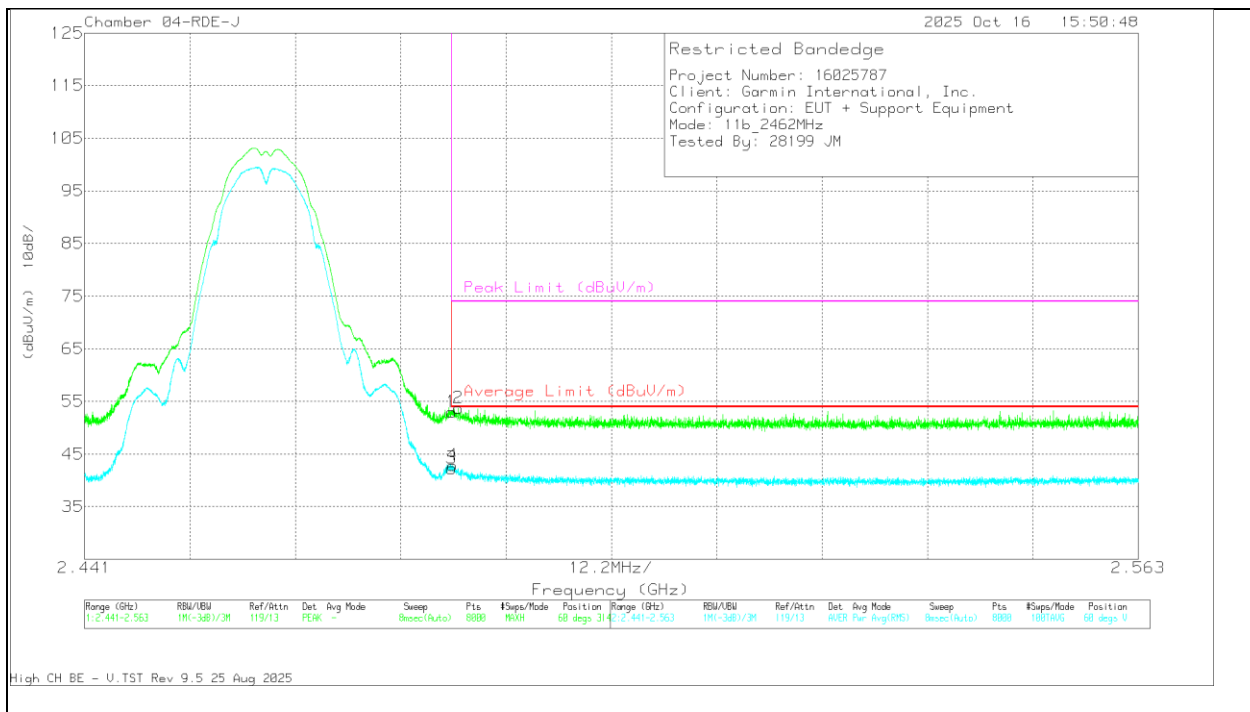
10.1.2. HIGH BANDEDGE

DTS (SISO)	Channel Frequency (MHz)	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2462	* 2.4835	58.23	Pk	32.4	-36.9	0	53.73	-	-	74	-20.27	269	201	H
		* 2.483736	59.18	Pk	32.4	-36.9	0	54.68	-	-	74	-19.32	269	201	H
		* 2.4835	48.38	RMS	32.4	-36.9	0	43.88	54	-10.12	-	-	269	201	H
		* 2.483584	48.55	RMS	32.4	-36.9	0	44.05	54	-9.95	-	-	269	201	H
		* 2.4835	57.48	Pk	32.4	-36.9	0	52.98	-	-	74	-21.02	60	314	V
		* 2.48427	58.25	Pk	32.4	-36.9	0	53.75	-	-	74	-20.25	60	314	V
		* 2.4835	46.82	RMS	32.4	-36.9	0	42.32	54	-11.68	-	-	60	314	V
		* 2.483629	47.36	RMS	32.4	-36.9	0	42.86	54	-11.14	-	-	60	314	V
g-Mode	2457	* 2.4835	61.49	Pk	32.4	-28.1	0	65.79	-	-	74	-8.21	312	339	H
		* 2.483523	61.77	Pk	32.4	-28.1	0	66.07	-	-	74	-7.93	312	339	H
		* 2.4835	46.41	RMS	32.4	-28.1	0.1	50.81	54	-3.19	-	-	312	339	H
		* 2.484163	47.32	RMS	32.4	-28.1	0.1	51.72	54	-2.28	-	-	312	339	H
		* 2.4835	57.19	Pk	32.4	-28.1	0	61.49	-	-	74	-12.51	259	228	V
		* 2.483523	57.63	Pk	32.4	-28.1	0	61.93	-	-	74	-12.07	259	228	V
		* 2.4835	42.07	RMS	32.4	-28.1	0.1	46.47	54	-7.53	-	-	259	228	V
		* 2.484026	43.15	RMS	32.4	-28.1	0.1	47.55	54	-6.45	-	-	259	228	V
g- Mode	2462	* 2.4835	61.89	Pk	32.4	-28.1	0	66.19	-	-	74	-7.81	270	205	H
		* 2.483599	61.91	Pk	32.4	-28.1	0	66.21	-	-	74	-7.79	270	205	H
		* 2.4835	47.3	RMS	32.4	-28.1	0.1	51.7	54	-2.3	-	-	270	205	H
		* 2.48395	47.89	RMS	32.4	-28.1	0.1	52.29	54	-1.71	-	-	270	205	H
		* 2.4835	60.72	Pk	32.4	-28.1	0	65.02	-	-	74	-8.98	70	277	V
		* 2.483584	61.27	Pk	32.4	-28.1	0	65.57	-	-	74	-8.43	70	277	V
		* 2.4835	46.9	RMS	32.4	-28.1	0.1	51.3	54	-2.7	-	-	70	277	V
		* 2.483614	47.62	RMS	32.4	-28.1	0.1	52.02	54	-1.98	-	-	70	277	V
HT20-Mode	2457	* 2.4835	60.33	Pk	32.4	-28.1	0	64.63	-	-	74	-9.37	180	127	H
		* 2.483873	63.6	Pk	32.4	-28.1	0	67.9	-	-	74	-6.1	180	127	H
		* 2.4835	45.1	RMS	32.4	-28.1	0.1	49.5	54	-4.5	-	-	180	127	H
		* 2.483812	46.23	RMS	32.4	-28.1	0.1	50.63	54	-3.37	-	-	180	127	H
		* 2.4835	61.47	Pk	32.4	-28.1	0	65.77	-	-	74	-8.23	328	313	V
		* 2.483889	63.18	Pk	32.4	-28.1	0	67.48	-	-	74	-6.52	328	313	V
		* 2.4835	45.64	RMS	32.4	-28.1	0.1	50.04	54	-3.96	-	-	328	313	V
		* 2.483645	46.72	RMS	32.4	-28.1	0.1	51.12	54	-2.88	-	-	328	313	V
HT20-Mode	2462	* 2.4835	63.76	Pk	32.4	-28.1	0	68.06	-	-	74	-5.94	296	199	H
		* 2.483523	65.59	Pk	32.4	-28.1	0	69.89	-	-	74	-4.11	296	199	H
		* 2.4835	44.64	RMS	32.4	-28.1	0.1	49.04	54	-4.96	-	-	296	199	H
		* 2.483706	45.85	RMS	32.4	-28.1	0.1	50.25	54	-3.75	-	-	296	199	H
		* 2.4835	64.84	Pk	32.4	-28.1	0	69.14	-	-	74	-4.86	334	255	V
		* 2.483553	64.86	Pk	32.4	-28.1	0	69.16	-	-	74	-4.84	334	255	V
		* 2.4835	43.85	RMS	32.4	-28.1	0.1	48.25	54	-5.75	-	-	334	255	V
		* 2.483523	45.02	RMS	32.4	-28.1	0.1	49.42	54	-4.58	-	-	334	255	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL / 2462MHz), 802.11b Mode**HORIZONTAL RESULT****VERTICAL RESULT**

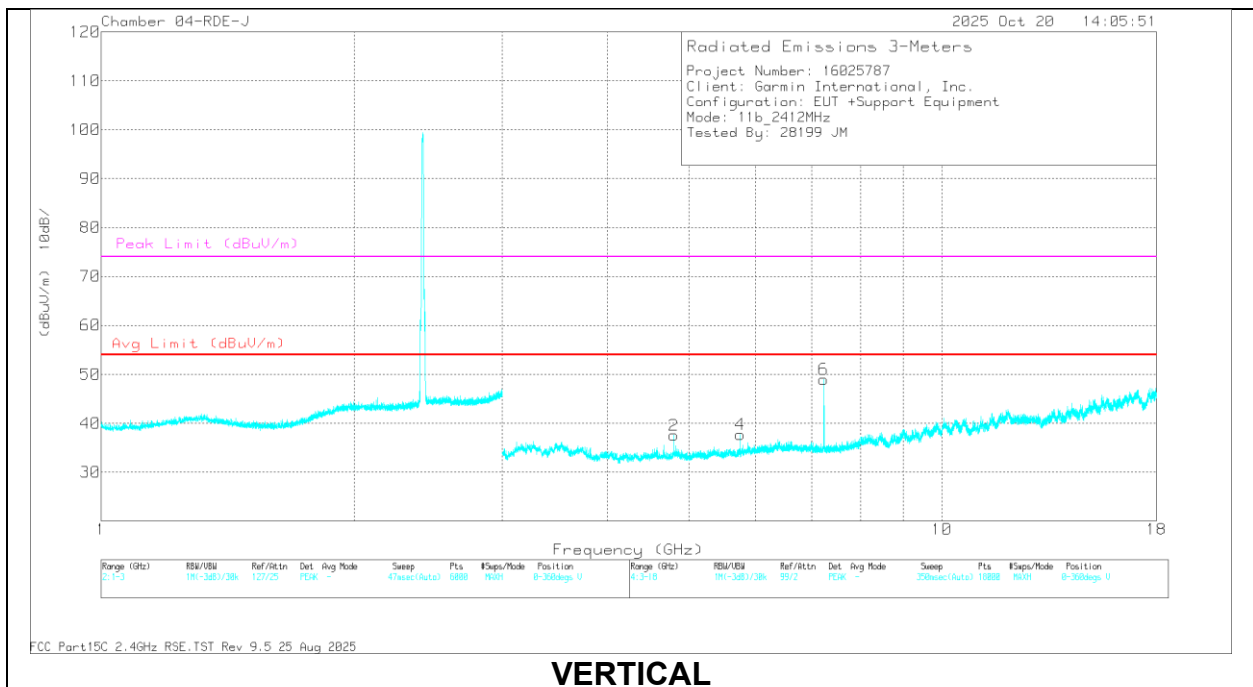
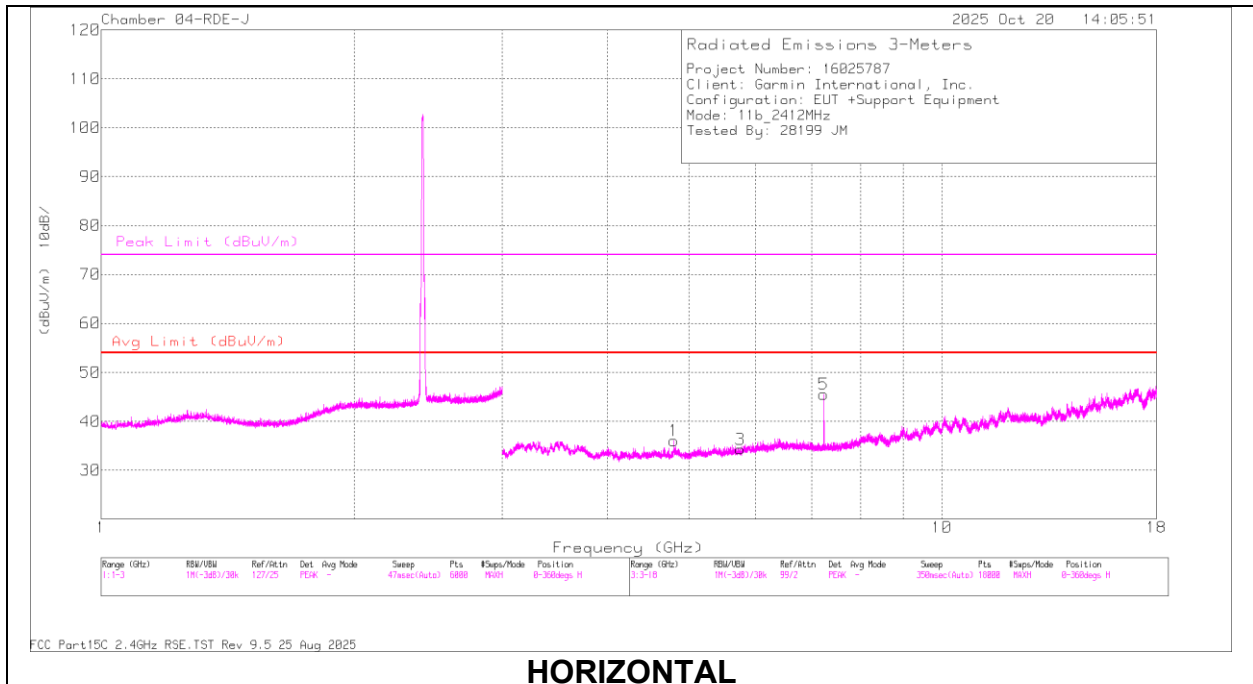
10.1.3. 802.11b MODE – HARMONIC AND SPURIOUS EMISSIONS

DTS (SISO)	Channel Frequency (MHz)	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
b-Mode	2412	* 4.798845	54.93	MAv1	34.3	-45.4	0	43.83	54	-10.17	-	-	339	127	H
		* 4.798952	68.46	PK2	34.3	-45.4	0	57.36	-	-	74	-16.64	339	127	H
		* 4.798974	53.72	MAv1	34.3	-45.4	0	42.62	54	-11.38	-	-	56	124	V
		* 4.799765	67.21	PK2	34.3	-45.4	0	56.11	-	-	74	-17.89	56	124	V
		5.760042	54.07	PK2	34.8	-43.3	0	45.57	-	-	-	-	21	106	V
		5.773555	53.13	PK2	34.9	-43.3	0	44.73	-	-	-	-	213	108	H
		7.237205	60.55	PK2	35.5	-42.6	0	53.45	-	-	-	-	295	109	V
		7.237639	60.93	PK2	35.5	-42.7	0	53.73	-	-	-	-	314	181	H
b-Mode	2437	* 4.798452	71.37	PK2	34.3	-45.4	0	60.27	-	-	74	-13.73	312	182	H
		* 4.798571	66.78	PK2	34.3	-45.4	0	55.68	-	-	74	-18.32	59	105	V
		* 4.798879	59.43	MAv1	34.3	-45.4	0	48.33	54	-5.67	-	-	312	182	H
		* 4.79922	52.66	MAv1	34.3	-45.4	0	41.56	54	-12.44	-	-	59	105	V
		* 4.87389	48.22	MAv1	34.3	-44.8	0	37.72	54	-16.28	-	-	36	220	V
		* 4.873896	49.69	MAv1	34.3	-44.8	0	39.19	54	-14.81	-	-	34	222	H
		* 4.873936	57.11	PK2	34.3	-44.8	0	46.61	-	-	74	-27.39	34	222	H
		* 4.873997	56.44	PK2	34.3	-44.8	0	45.94	-	-	74	-28.06	36	220	V
		* 7.309869	56.19	MAv1	35.5	-42.5	0	49.19	54	-4.81	-	-	287	153	V
		* 7.310976	61.55	PK2	35.5	-42.5	0	54.55	-	-	74	-19.45	287	153	V
		* 7.311047	63.21	PK2	35.5	-42.5	0	56.21	-	-	74	-17.79	307	166	H
		* 7.312064	58.12	MAv1	35.5	-42.6	0	51.02	54	-2.98	-	-	307	166	H
b-Mode	2462	* 4.798807	57.38	MAv1	34.3	-45.4	0	46.28	54	-7.72	-	-	319	141	H
		* 4.799136	54.86	MAv1	34.3	-45.4	0	43.76	54	-10.24	-	-	54	108	V
		* 4.799412	67.9	PK2	34.3	-45.4	0	56.8	-	-	74	-17.2	54	108	V
		* 4.799803	70.25	PK2	34.3	-45.4	0	59.15	-	-	74	-14.85	319	141	H
		* 7.384894	59.12	PK2	35.5	-42.5	0	52.12	-	-	74	-21.88	288	102	V
		* 7.385074	54.59	MAv1	35.5	-42.5	0	47.59	54	-6.41	-	-	309	159	H
		* 7.385081	52.55	MAv1	35.5	-42.5	0	45.55	54	-8.45	-	-	288	102	V
		* 7.385918	60.32	PK2	35.5	-42.5	0	53.32	-	-	74	-20.68	309	159	H
		5.759833	54.34	PK2	34.8	-43.3	0	45.84	-	-	-	-	73	182	V
		5.760454	53.33	PK2	34.8	-43.3	0	44.83	-	-	-	-	12	288	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL, CH 1 RESULTS, 802.11b Mode

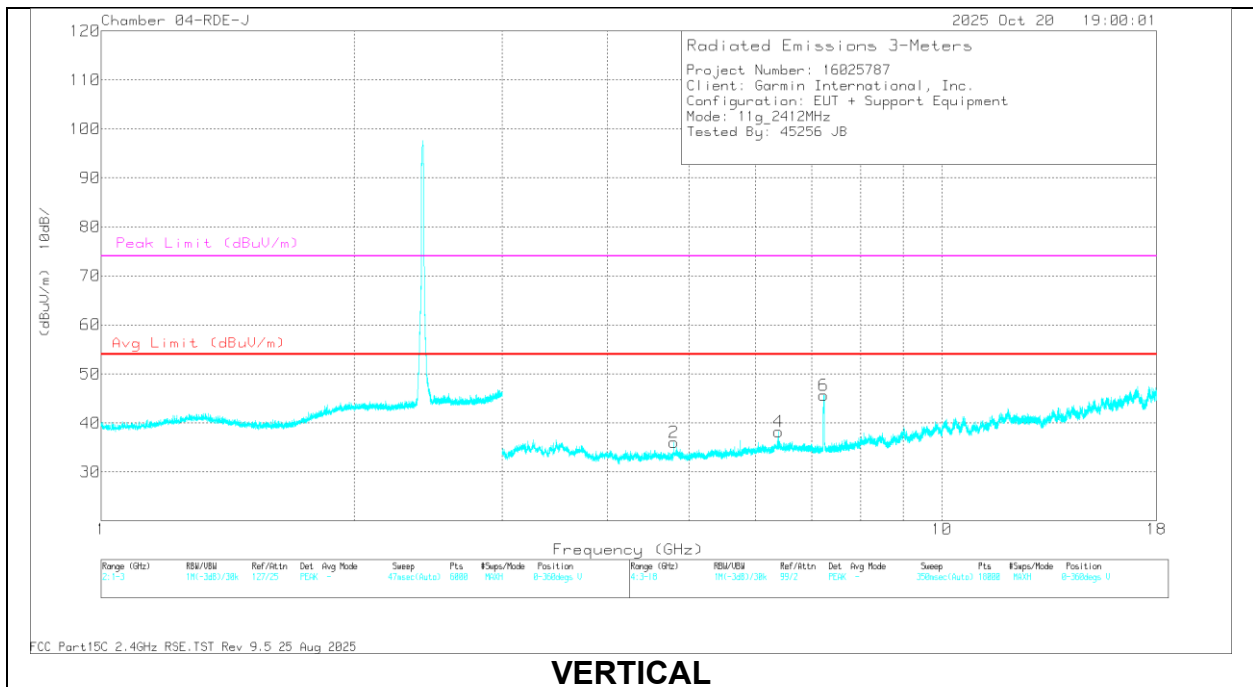
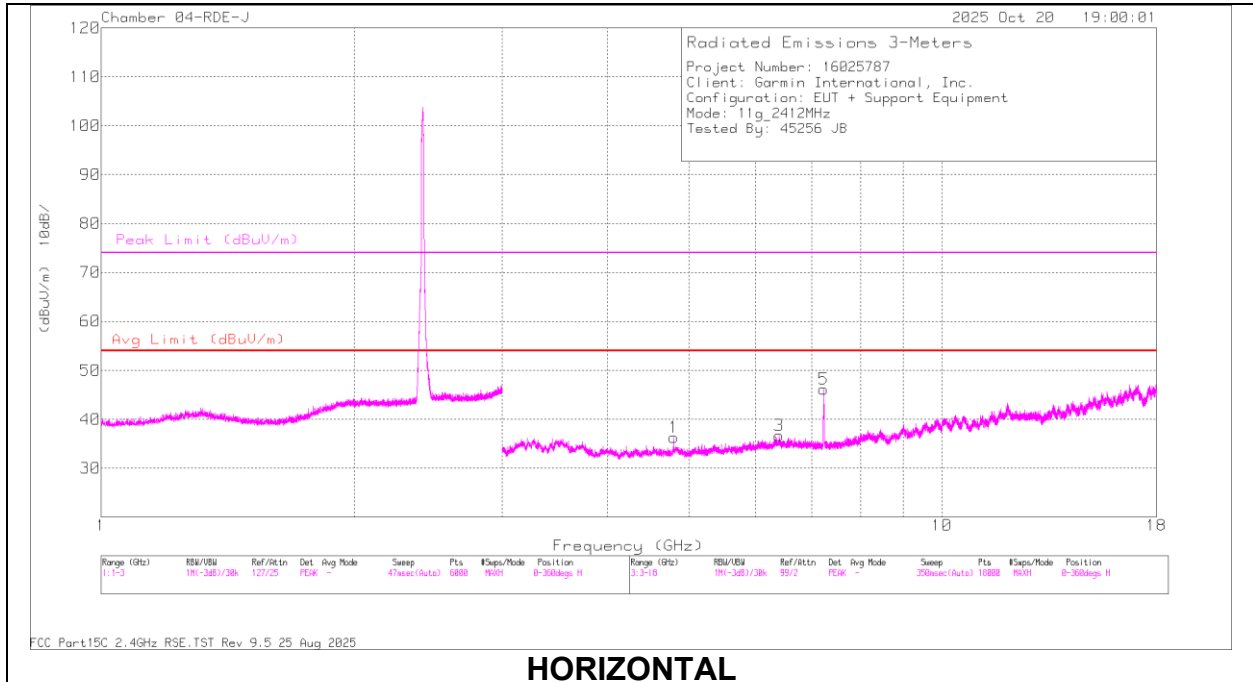
10.1.4. 802.11g MODE – HARMONIC AND SPURIOUS EMISSIONS

DTS (SISO)	Channel Frequency (MHz)	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
g-Mode	2412	* 4.798836	56.76	MAv1	34.3	-45.4	0.1	45.76	54	-8.24	-	-	85	145	H
		* 4.798995	68.3	PK2	34.3	-45.4	0	57.2	-	-	74	-16.8	75	172	V
		* 4.799133	54.92	MAv1	34.3	-45.4	0.1	43.92	54	-10.08	-	-	75	172	V
		* 4.799356	69.46	PK2	34.3	-45.4	0	58.36	-	-	74	-15.64	85	145	H
		6.393829	57.61	PK2	35.8	-42.2	0	51.21	-	-	-	-	1	134	V
		6.398788	52.55	PK2	35.8	-42.2	0	46.15	-	-	-	-	3	393	H
		7.234963	67.6	PK2	35.5	-42.6	0	60.5	-	-	-	-	308	149	H
		7.239772	66.15	PK2	35.5	-42.7	0	58.95	-	-	-	-	289	103	V
g-Mode	2437	* 12.275685	52	PK2	39.4	-39.7	0	51.7	-	-	74	-22.3	250	296	H
		* 12.28077	51.53	PK2	39.4	-39.7	0	51.23	-	-	74	-22.77	3	218	V
		* 12.294059	40.13	MAv1	39.4	-40	0.1	39.63	54	-14.37	-	-	250	296	H
		* 12.296805	39.84	MAv1	39.4	-40.1	0.1	39.24	54	-14.76	-	-	3	218	V
		* 4.798922	69.03	PK2	34.3	-45.4	0	57.93	-	-	74	-16.07	316	145	V
		* 4.799175	55.69	MAv1	34.3	-45.4	0.1	44.69	54	-9.31	-	-	316	145	V
		* 4.799216	57.27	MAv1	34.3	-45.4	0.1	46.27	54	-7.73	-	-	314	245	H
		* 4.799447	70.5	PK2	34.3	-45.4	0	59.4	-	-	74	-14.6	314	245	H
		* 7.309796	69.84	PK2	35.5	-42.5	0	62.84	-	-	74	-11.16	307	169	H
		* 7.312346	53.69	MAv1	35.5	-42.6	0.1	46.69	54	-7.31	-	-	290	113	V
		* 7.312552	56.24	MAv1	35.5	-42.6	0.1	49.24	54	-4.76	-	-	307	169	H
		* 7.315582	66.28	PK2	35.5	-42.6	0	59.18	-	-	74	-14.82	290	113	V
g-Mode	2462	* 4.2594	62.48	PK2	33.8	-45	0	51.28	-	-	74	-22.72	53	142	V
		* 4.263943	44.84	MAv1	33.8	-45	0.1	33.74	54	-20.26	-	-	53	142	V
		* 4.266443	56.64	PK2	33.8	-45	0	45.44	-	-	74	-28.56	45	284	H
		* 4.26759	43.1	MAv1	33.8	-45	0.1	32	54	-22	-	-	45	284	H
		* 4.798847	69.22	PK2	34.3	-45.4	0	58.12	-	-	74	-15.88	85	157	H
		* 4.799007	55.18	MAv1	34.3	-45.4	0.1	44.18	54	-9.82	-	-	315	101	V
		* 4.799074	69.11	PK2	34.3	-45.4	0	58.01	-	-	74	-15.99	315	101	V
		* 4.799433	56.24	MAv1	34.3	-45.4	0.1	45.24	54	-8.76	-	-	85	157	H
		* 7.384005	52.92	MAv1	35.5	-42.5	0.1	46.02	54	-7.98	-	-	307	182	H
		* 7.384342	50.94	MAv1	35.5	-42.5	0.1	44.04	54	-9.96	-	-	290	101	V
		* 7.384724	64.26	PK2	35.5	-42.5	0	57.26	-	-	74	-16.74	290	101	V
		* 7.385236	65.25	PK2	35.5	-42.5	0	58.25	-	-	74	-15.75	307	182	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL, CH 1 RESULTS, 802.11g Mode

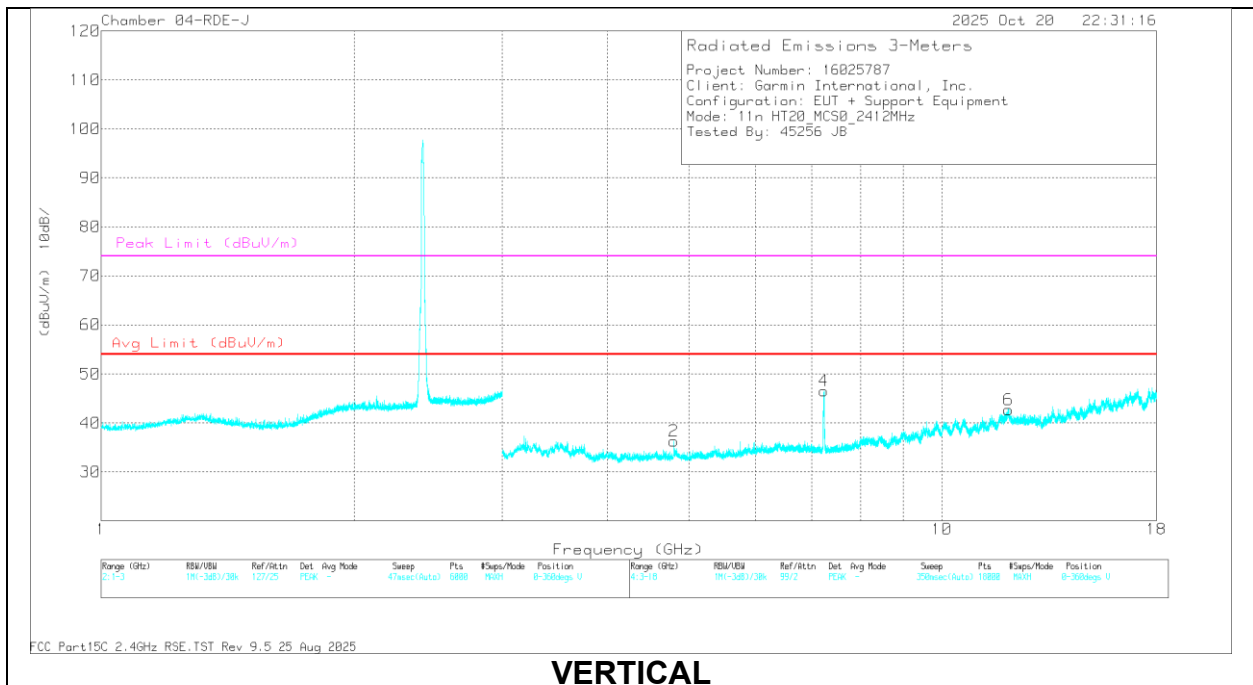
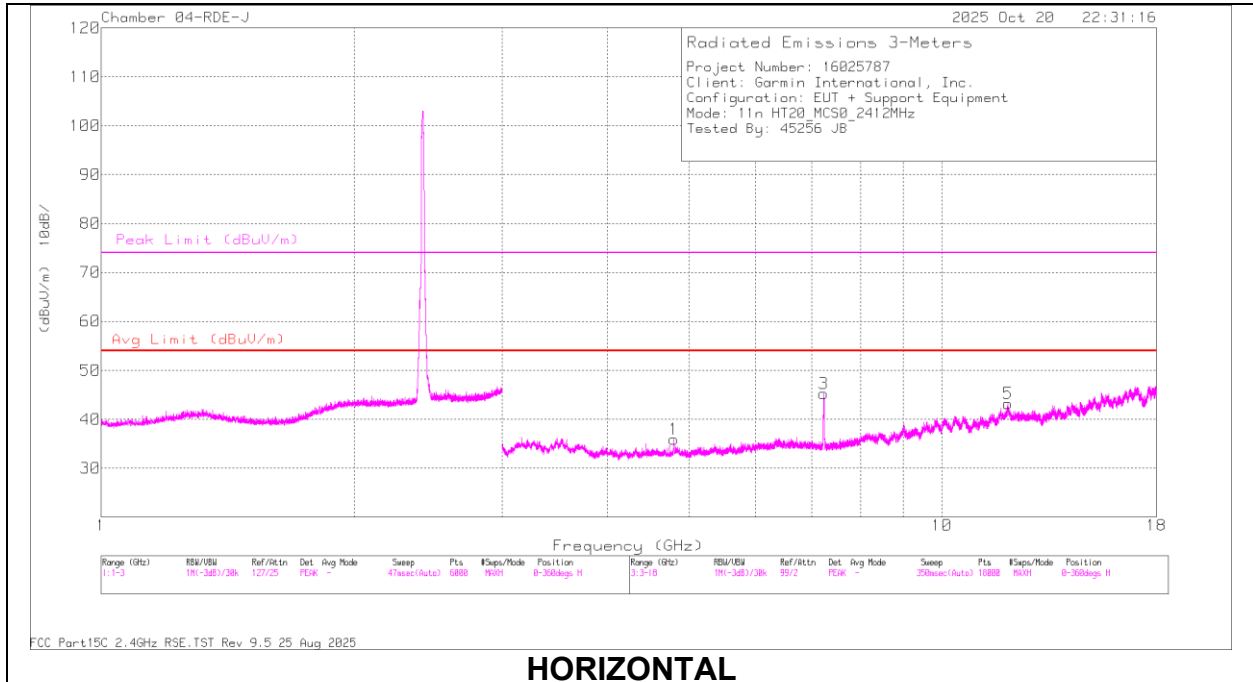
10.1.5. 802.11n HT20 MODE – HARMONIC AND SPURIOUS EMISSIONS

DTS (SISO)	Channel Frequency (MHz)	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HT20-Mode	2412	* 11.976416	52.05	PK2	39.7	-39.5	0	52.25	-	-	74	-21.75	19	148	V
		* 11.984786	52.02	PK2	39.7	-39.3	0	52.42	-	-	74	-21.58	20	351	H
		* 11.994599	40.47	MAv1	39.7	-39.3	0.1	40.97	54	-13.03	-	-	20	351	H
		* 11.997358	40.42	MAv1	39.7	-39.4	0.1	40.82	54	-13.18	-	-	19	148	V
		* 4.799117	53.98	MAv1	34.3	-45.4	0.1	42.98	54	-11.02	-	-	313	156	V
		* 4.799146	56.99	MAv1	34.3	-45.4	0.1	45.99	54	-8.01	-	-	320	137	H
		* 4.799221	69.97	PK2	34.3	-45.4	0	58.87	-	-	74	-15.13	320	137	H
		* 4.799308	67.65	PK2	34.3	-45.4	0	56.55	-	-	74	-17.45	313	156	V
		7.235473	69.01	PK2	35.5	-42.6	0	61.91	-	-	-	-	307	171	H
		7.23558	67.72	PK2	35.5	-42.6	0	60.62	-	-	-	-	288	115	V
HT20-Mode	2437	2.125174	62.73	PK2	31.8	-37.1	0	57.43	-	-	-	-	91	129	V
		2.128399	58.78	PK2	31.8	-37.1	0	53.48	-	-	-	-	206	237	H
		* 4.798258	69.01	PK2	34.3	-45.4	0	57.91	-	-	74	-16.09	83	138	H
		* 4.798938	53.05	MAv1	34.3	-45.4	0.1	42.05	54	-11.95	-	-	75	224	V
		* 4.799289	55.61	MAv1	34.3	-45.4	0.1	44.61	54	-9.39	-	-	83	138	H
		* 4.799316	66.15	PK2	34.3	-45.4	0	55.05	-	-	74	-18.95	75	224	V
		* 7.309597	55.02	MAv1	35.5	-42.5	0.1	48.12	54	-5.88	-	-	288	101	V
		* 7.310027	56.25	MAv1	35.5	-42.5	0.1	49.35	54	-4.65	-	-	308	171	H
		* 7.310726	69.29	PK2	35.5	-42.5	0	62.29	-	-	74	-11.71	288	101	V
		* 7.310734	70.52	PK2	35.5	-42.5	0	63.52	-	-	74	-10.48	308	171	H
HT20-Mode	2462	* 4.057034	54.98	PK2	33.8	-44.5	0	44.28	-	-	74	-29.72	28	156	H
		* 4.059563	42.71	MAv1	33.8	-44.5	0.1	32.11	54	-21.89	-	-	28	156	H
		* 4.036192	54.52	PK2	33.8	-44.3	0	44.02	-	-	74	-29.98	26	228	V
		* 4.050094	42.98	MAv1	33.8	-44.4	0.1	32.48	54	-21.52	-	-	26	228	V
		* 4.79851	72.17	PK2	34.3	-45.4	0	61.07	-	-	74	-12.93	315	172	H
		* 4.799341	58.81	MAv1	34.3	-45.4	0.1	47.81	54	-6.19	-	-	315	172	H
		* 4.79951	68.39	PK2	34.3	-45.4	0	57.29	-	-	74	-16.71	173	114	V
		* 4.799327	55.44	MAv1	34.3	-45.4	0.1	44.44	54	-9.56	-	-	173	114	V
		* 7.385599	62.66	PK2	35.5	-42.5	0	55.66	-	-	74	-18.34	303	158	H
		* 7.384252	48.93	MAv1	35.5	-42.5	0.1	42.03	54	-11.97	-	-	303	158	H
		* 7.385623	65.08	PK2	35.5	-42.5	0	58.08	-	-	74	-15.92	295	145	V
		* 7.387872	51.21	MAv1	35.5	-42.5	0.1	44.31	54	-9.69	-	-	295	145	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL, CH 1 RESULTS, 802.11n HT20 Mode

10.2. TRANSMITTER WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30MHz (WORST-CASE CONFIGURATION)



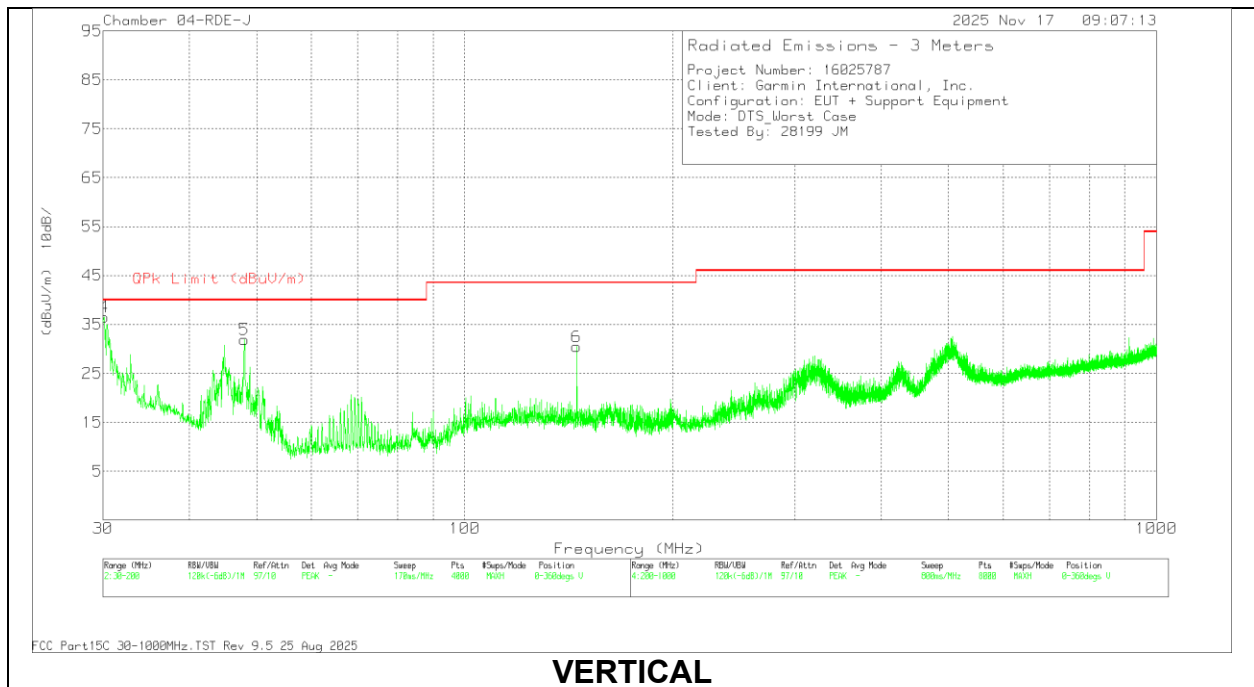
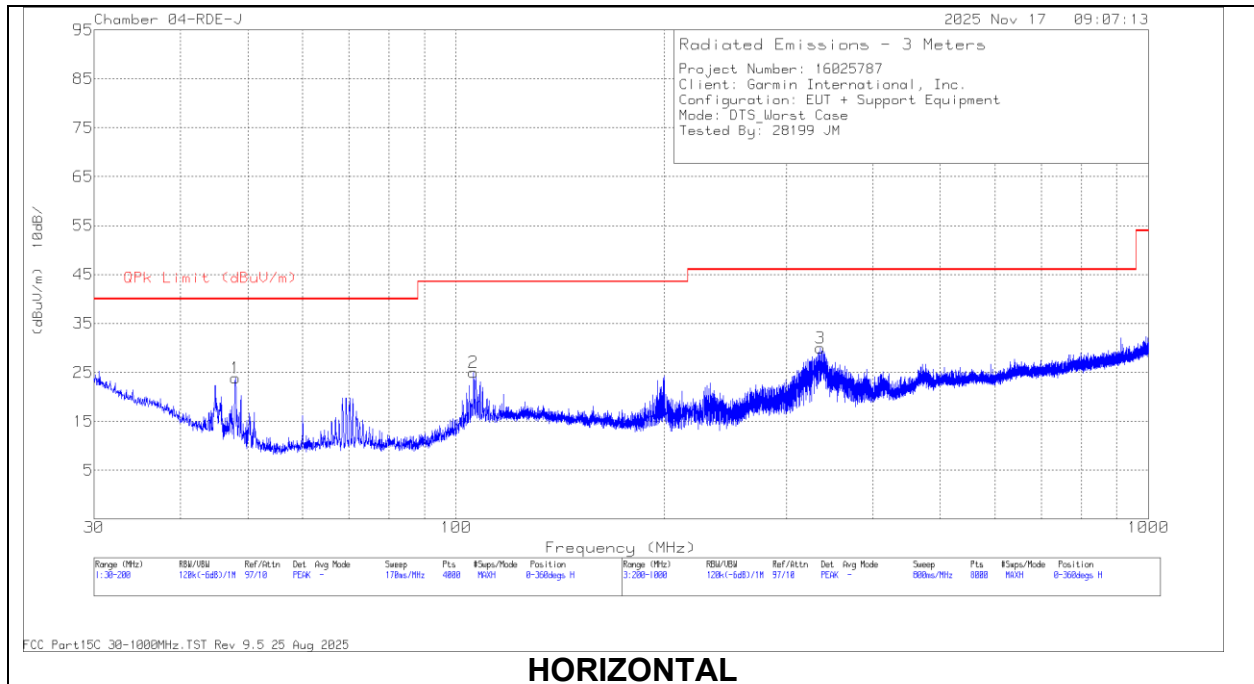
Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL/AMP (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.012	24.71	Pk	60.2	-30.4	-80	-25.49	65.97	-91.46	45.97	-71.46	0-360
2	.0255	11.44	Pk	58.5	-31.7	-80	-41.76	59.46	-101.22	39.46	-81.22	0-360
3	.0512	3.8	Pk	57	-31.7	-80	-50.9	53.41	-104.31	33.41	-84.31	0-360
6	.0122	18.97	Pk	60.1	-30.4	-80	-31.33	65.85	-97.18	45.85	-77.18	0-360
7	.0255	10.78	Pk	58.5	-31.7	-80	-42.42	59.47	-101.89	39.47	-81.89	0-360
8	.0509	4.41	Pk	57.1	-31.7	-80	-50.19	53.44	-103.63	33.44	-83.63	0-360

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (dB/m)	CBL/AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	.8064	14.94	Pk	56.4	-32.3	-40	-9.6	29.48	-30.44	0-360
5	29.4875	15.64	Pk	33.3	-31.3	-40	-22.36	29.5	-51.86	0-360
9	.9343	14.43	Pk	56.5	-32.1	-40	-1.17	28.21	-29.38	0-360
10	27.9637	21.77	Pk	33.2	-31.6	-40	-16.63	29.5	-46.13	0-360

PK - Peak detector

10.3. TRANSMITTER WORST CASE BELOW 1 GHz

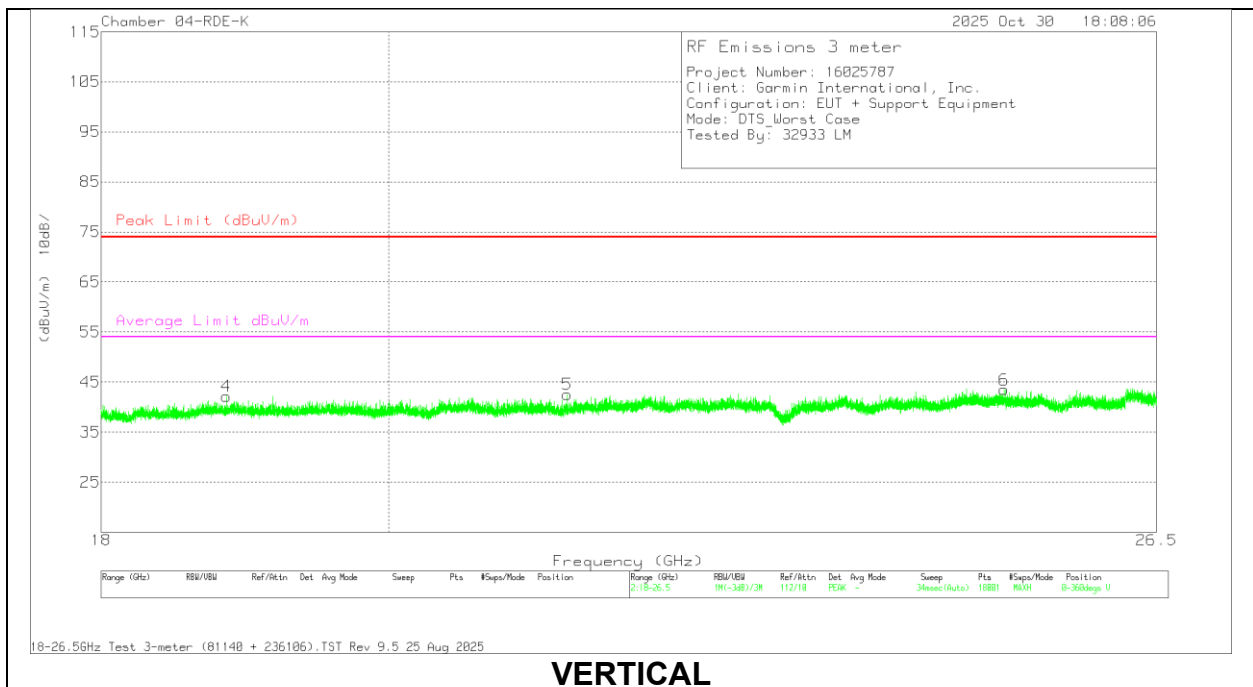
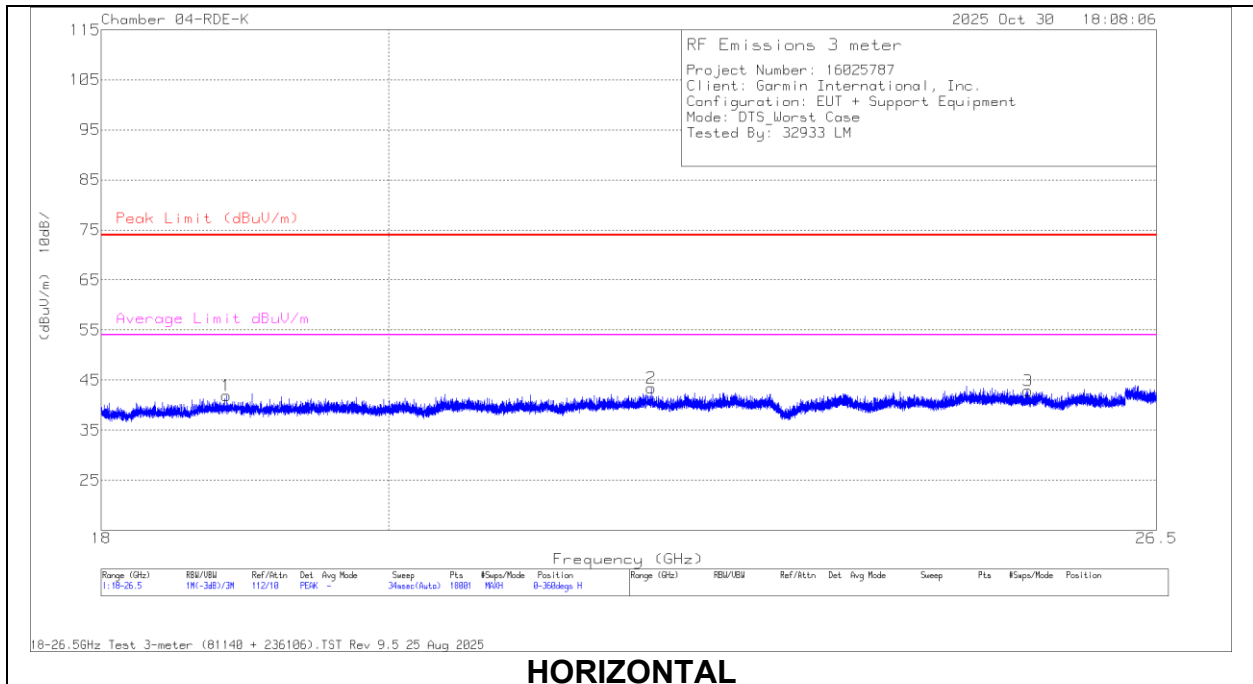


Radiated Emissions

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	202329 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.9822	41.07	Pk	14.4	-31.6	23.87	40	-16.13	0-360	399	H
2	105.967	38.39	Pk	17.8	-31.2	24.99	43.52	-18.53	0-360	299	H
3	335.518	40.36	Pk	19.8	-30.2	29.96	46.02	-16.06	0-360	99	H
4	32.8981	25.42	Qp	24.3	-31.7	18.02	40	-21.98	189	175	V
5	48.0247	49.07	Pk	14.4	-31.6	31.87	40	-8.13	0-360	100	V
6	145.162	42.65	Pk	18.7	-30.9	30.45	43.52	-13.07	0-360	100	V

Pk - Peak detector

Qp - Quasi-Peak detector

10.4. TRANSMITTER WORST CASE 18-26 GHz

18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81140 ACF (dB/m)	CBL/AMP (dB)	CBL (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18.846222	52.91	Pk	32.1	-62.7	19.6	41.91	74	-32.09	-	-	0-360	200	H
2	* 22.019554	51.69	Pk	33	-62.3	21	43.39	74	-30.61	-	-	0-360	200	H
3	25.278358	49.95	Pk	33.8	-63.3	22.4	42.85	74	-31.15	-	-	0-360	200	H
4	* 18.843861	53.17	Pk	32.1	-62.7	19.6	42.17	74	-31.83	-	-	0-360	200	V
5	* 21.355137	51.55	Pk	32.7	-62.4	20.7	42.55	74	-31.45	-	-	0-360	200	V
6	25.061136	50.27	Pk	33.8	-62.9	22.3	43.47	74	-30.53	-	-	0-360	200	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

11. SETUP PHOTOS

Please refer to 16025787-EP1 for setup photos.

END OF REPORT