

Test Report

Prepared for: ITERIS, Inc

Model: DENSO-BT-RSU-SPECTRA

Description: C-V2X Road Side Unit(RSU)

Project #: p2580009

Test Results: Pass

FCC ID: OVH-BTSPCV2X54940

To

FCC Part 90 Subpart M

Date of Issue: November 5, 2025

On the behalf of the applicant:

Iteris, Inc
1700 Carnegie Avenue
Suite 100
Santa Ana, CA, 92705
United States of America

Attention of:

Peter Chan, Director – Sensor Development
Ph: 949-534-4971
E-Mail: pchan@iteris.com

Prepared By:

Compliance Testing, LLC
Mesa, AZ 85204
(480) 926-3100 phone / (480) 926-3598 fax
www.compliancetesting.com
ANAB Cert#: AT-2901
FCC Site Reg. #750616
ISED Site Reg. #2044A-2

Reviewed / Authorized By:



Madhava Gooduru
EMC RF Test Engineer

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All results contained herein relate only to the sample tested .

Test Result Summary

Specification	Test Name	Pass, Fail, N/A	Comments
FCC			
2.1046 90.205 90.391	EIRP Power and antenna height	Pass	
2.1049 90.210	Occupied Bandwidth	Pass	
2.1049 90.210 90.392	Out Of Band Emissions (OOBE)	Pass	
2.1051 90.210 90.392	Spurious Emissions at Antenna Terminals	Pass	
2.1053 90.210 90.392	Field Strength of Spurious Radiation	Pass	
2.1055 90.213	Frequency Stability	Pass	

Statements of conformity are reported as:

- Pass - the measured value is below the acceptance limit, *acceptance limit = test limit*.
- Fail - the measured value is above the acceptance limit, *acceptance limit = test limit*.

References/Methods	Description
ANSI C63.4-2014	Method and Measurements of Radio-Noise Emissions from low-Voltage Electrical and Electronic Equipment in the range 9kHz to 40GHz.
ANSI C63.10:2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
Ansi C63.26:2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
ANSI/TIA-603-E-2016	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards
ISO/IEC 17025:2017	General requirements for the Competence of Testing and Calibrations Laboratories

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	November 5, 2025	Madhava Gooduru	Original Document

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ANAB

Compliance Testing, LLC, has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to the joint ISO-ILAC-IAF Communiqué dated January 2009).

The tests results contained within this test report all fall within our scope of accreditation, unless noted below.

Please refer to <http://www.compliancetesting.com/labscope.html> for current scope of accreditation.



Test and Measurement Data- Applicable standards

All tests and measurement data shown were performed in accordance with following FCC Rules and Regulations,

- 1) 47 CFR Part 2 Subpart J – Certification
- 2) 47 CFR Part 90 Subpart M -Intelligent Transportation Systems Radio Service
- 3) KDB 511808 D01 C-V2X v02- Equipment Authorization for Cellular Vehicle-to-Everything (C-V2X) Devices for Operation according to Part 90 and Part 95 Rules
- 4) KDB 662911 D01 Multiple Transmitter Output v02r01 - Emissions Testing of Transmitters with Multiple Outputs in the Same Band
- 5) KDB 971168 D01 Power Meas License Digital Systems v03r01: Measurement Guidance for Certification Of Licensed Digital Transmitters

Standard Test Conditions and Engineering Practices

Except as noted herein, the following conditions and procedures were observed during the testing.

In accordance with ANSI/TIA 603C, and unless otherwise indicated in the specific measurement results, the ambient temperature of the actual EUT was maintained within the range of 20° to 35°C (68° to 95°F) unless the equipment requirements specified testing over a different temperature range. Also, unless otherwise indicated, the levels were in the range of 45% to 75% relative humidity and 860 hPa to 1060 hPa (860 mbar to 1060 mbar) Atmospheric Pressure.

Environmental Conditions		
Temp (°C)	Humidity (%)	Pressure (mbar)
25.5 – 31.2	33.5 – 51.8	962.3 – 971.3

Measurement results, unless otherwise noted, are worst-case measurements.

The Applicant has been cautioned as to the following:

15.21: Information to the User

The user's manual or instruction manual for an intentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.27(a): Special Accessories

Equipment marketed to a consumer must be capable of complying with the necessary regulations in the configuration in which the equipment is marketed. Where special accessories, such as shielded cables and/or special connectors are required to enable an unintentional or intentional radiator to comply with the emission limits in this part, the equipment must be marketed with, i.e. shipped and sold with, those special accessories. However, in lieu of shipping or packaging the special accessories with the unintentional or intentional radiator, the responsible party may employ other methods of ensuring that the special accessories are provided to the consumer, without an additional charge.

Information detailing any alternative method used to supply the special accessories for a grant of equipment authorization or retained in the verification records, as appropriate. The party responsible for the equipment, as detailed in § 2.909 of this chapter, shall ensure that these special accessories are provided with the equipment. The instruction manual for such devices shall include appropriate instructions on the first page of text concerned with the installation of the device that these special accessories must be used with the device. It is the responsibility of the user to use the needed special accessories supplied with the equipment.

EUT Description

Model:	DENSO-BT-RSU-SPECTRA
Serial:	A00250840661
Firmware:	SPECTRA-1040__DENSO-0.3.03_rc2
Software:	DNA
HVIN	SPECTRA-HW04.00.06__DENSO-PCBA-HW5940.MP1.0
PMN	SPECTRA_DENSO5940_RSU
UPN	DNA
FVIN	SPECTRA-FW1040__DENSO-FWv0.3.03_rc2
Description:	Road Side Unit – Bluetooth Detector/CV2X
Additional Information:	The EUT is a Road Side Unit transmitting the 5905-5925 MHz frequency band using 10 MHz bandwidth per channel. It supports transmission and reception on 2 antennas simultaneously (Tx/Rx antenna diversity). Supported channels: 183
Antenna	6dBi external omni directional Antenna with N-Female connector
Power	48VDC thru POE
Receipt of Sample(s):	9/10/2025
EUT Condition:	Visual Damage No State of Development Production/Production Equivalent

Note:

1. The BT module (Brand: Feasycom Model: FSC-BT909C; FCC ID: 2AMWOFSC-BT909C) is co-located in this EUT.
2. The above EUT information is declared by manufacturer and for more detailed features, description, please refer to the manufacturer specifications or user's manual.

EUT Operation during Tests

The transmitter is powered by 48 vdc.

Commands had been activated to set the EUT transmit continuously at channel 183 and the Tx power default was set to maximum power.

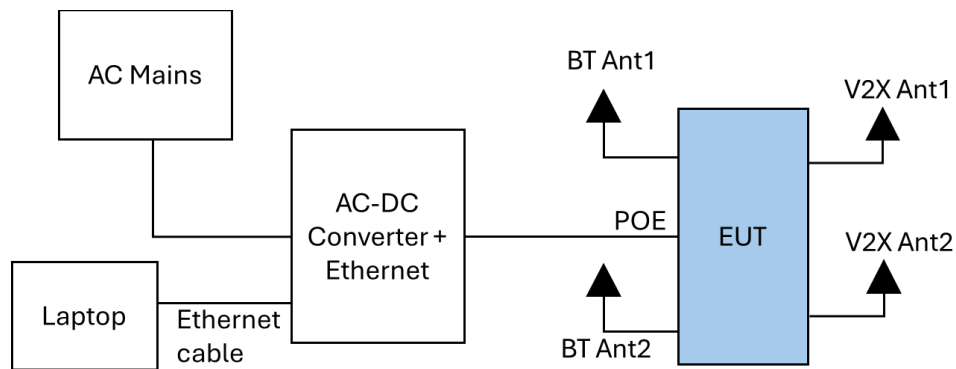
Table 1 – Frequency Range, Modulation Type and Emission Designators

Frequency Range (MHz)	Modulation and Emission Designators		
FCC	Modulation	Data rate	Designator
5905 – 5925 MHz	QPSK/16QAM	10kbytes/sec	17M5D1D

Table 2 - FCC Test Frequencies

Test Frequency (MHz)	Channel No
5915	183

Configuration of System under test- Conducted tests



Note:

- 1) Open the RSU GUI using the default IP address and port of the relevant radio and being configured using Google Chrome or Microsoft Edge browser
- 2) The CV2X antenna removed and connected to testing instrument for conducted RF tests
- 3) Laptop was not connected during Radiated Emission tests.

Accessories:					
Qty	Description	Length	Model	S/No	Comments
2	Omni directional antenna for CV2X	N/A	HGV-4958-06U	N/A	Mfg: L-com
2	Omni direction antenna for BT	N/A	HGV-2402U	N/A	Mfg: L-com
1	AC-DC Converter + Ethernet	N/A	NDR-120-48	N/A	Mfg: Meanwell
2	Ethernet cable	3 m	N/A	N/A	N/A
1	GPS Antenna with cable ⁽¹⁾	15 feet	M827B	213492	Mfg: Ublox
1	Laptop	N/A	Latitude 7490	PC19551	Mfg: Dell

N/A: Not Applicable

Note : ⁽¹⁾ The GPS antenna used for Frequency Stability test

Modifications: None

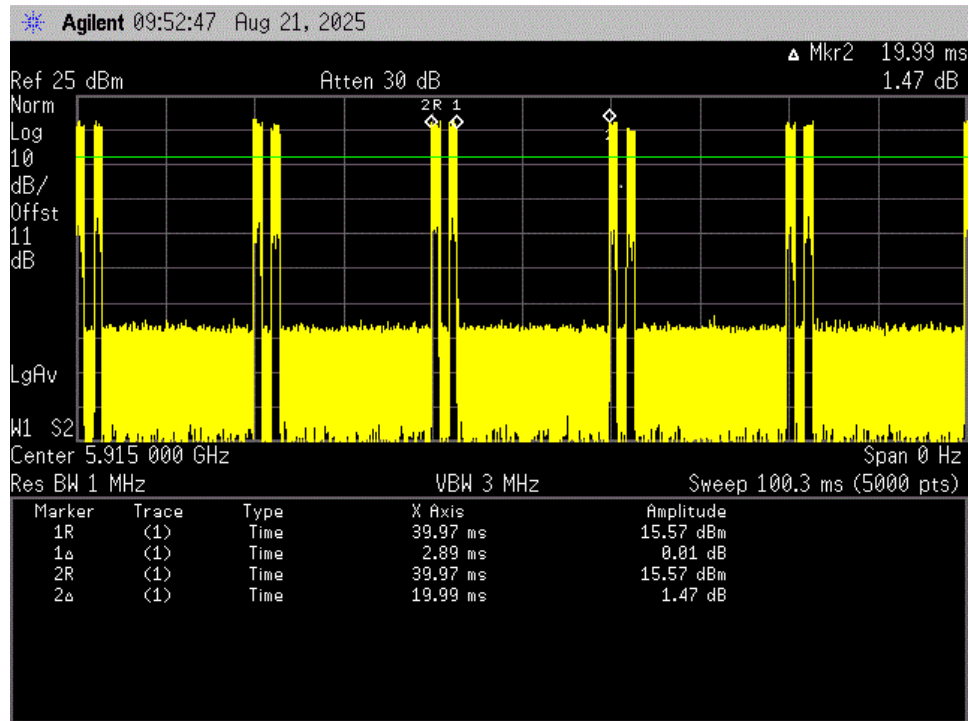
Duty Cycle Correction Factor (DCCF)

The duty cycle correction factor was added as the EUT configured <98% Duty cycle and applied only to average measurements

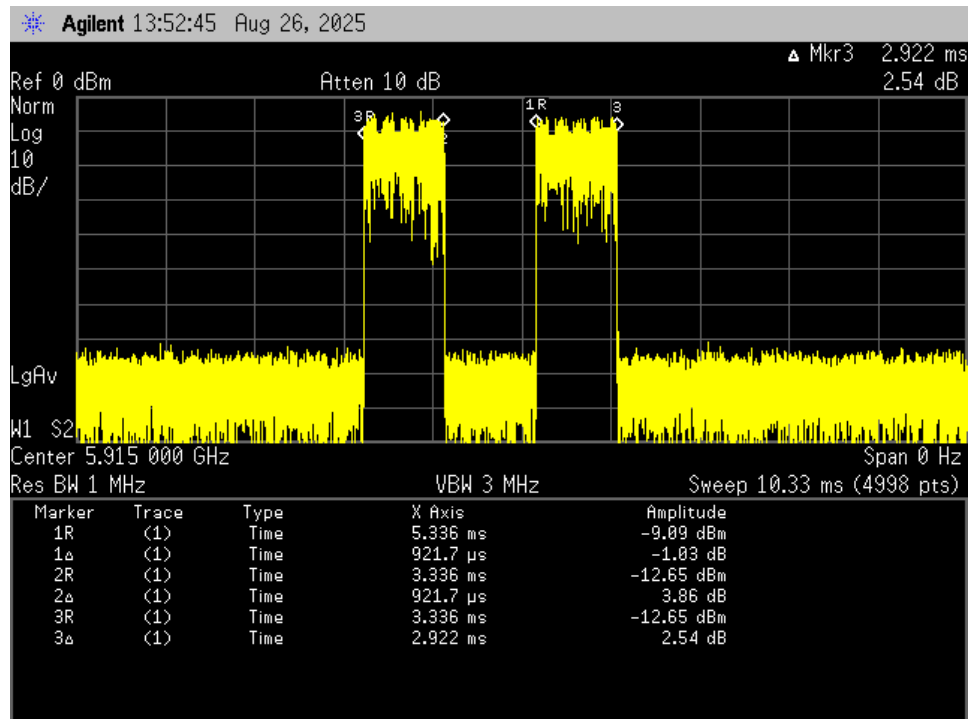
The correction factor was computed using formula $10\log(1/D)$ or $10\log(T_{on}/T_{total})$ where is the duty cycle.

Ch No	Freq(MHz)	Ton (ms)	Total Period T (ms)	Duty Cycle (Ton/T)	Duty Cycle Factor (dB)	Comment / Notes
183	5915	9.217	100	0.925	10.35 dB	

Duty Cycle_100ms_5.915GHz



Duty Cycle_10ms_5.915GHz



EIRP Power and antenna height

Engineer: Madhava Gooduru

Test Date: 10/6/2025

Limit:

Part 90.391 Maximum EIRP and antenna height. requirements

(a) C-V2X licensees must limit RSU equivalent isotopically radiated power (EIRP) to 33 dBm. This limit applies to any operation within the 5895-5925 MHz band as follows:

- (1) 33 dBm/10 MHz EIRP;
- (2) 33 dBm/20 MHz EIRP; and
- (3) 33 dBm/30 MHz EIRP.

(b) For purposes of this section, the EIRP is root mean squared (RMS) measured as the maximum EIRP toward the horizon or horizontal, whichever is greater, of the gain associated with the main or center of the transmission beam.

(c) The radiation center of an RSU antenna shall not exceed 8 meters above the roadway bed surface, except that an RSU may employ an antenna with a height exceeding 8 meters but not exceeding 15 meters provided the EIRP specified in paragraph (a) of this section is reduced by a factor of $20 \log(Ht/8)$ in dB where Ht is the height of the radiation center of the antenna in meters above the roadway bed surface. The RSU antenna height must not exceed 15 meters above the roadway bed surface.

Measurement Procedure

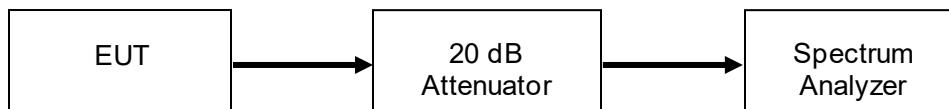
The maximum height of Antenna above roadway surface for this EUT is mentioned in user guide.

The Equipment Under Test (EUT) Antenna port was connected to a spectrum analyzer through a 20 dB power attenuator.

All cable and attenuator losses were input into the spectrum analyzer as a reference level offset to ensure accurate reading was obtained.

The channel power tool on the spectrum analyzer was used for performing output power measurements

Test Setup



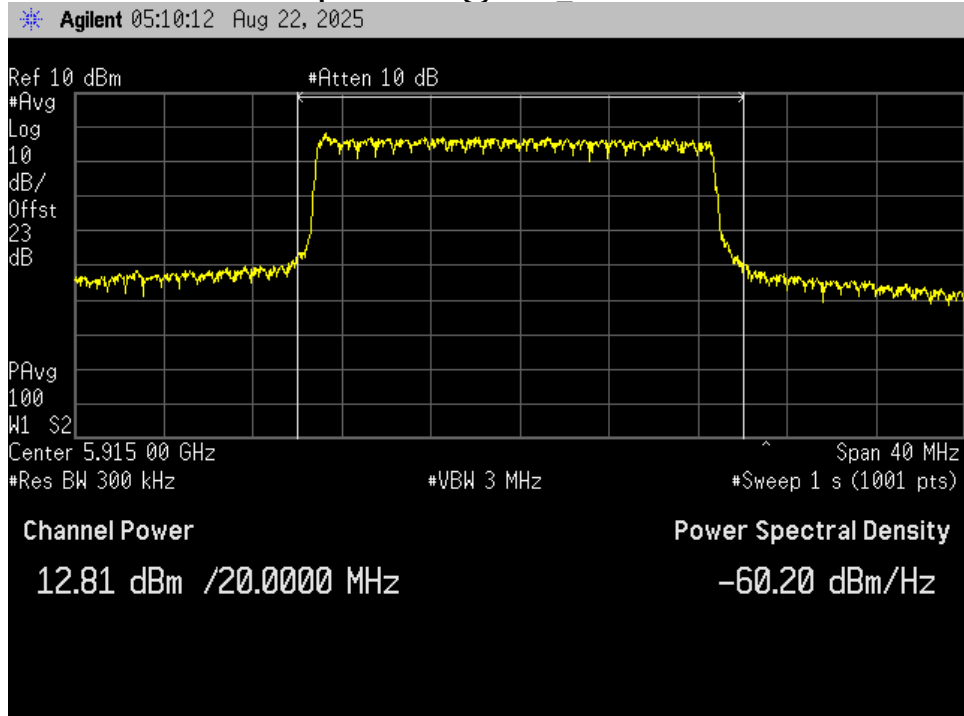
Transmitter Peak Output Power_ CW

Test Mode	Tuned Frequency	Measured Pout	¹ Duty Cycle correction	² 10 log(N _{ANT})	Antenna Gain	EIRP	EIRP Limit	Margin	Result
	MHz	dBm	dB	dB	dBi	dBm	dBm	dB	
Ant 1	5915	12.81	10.35	3.0	6.0	32.16	33.0	-0.84	Pass
Ant 2	5915	12.33	10.35	3.0	6.0	31.68	33.0	-1.32	Pass

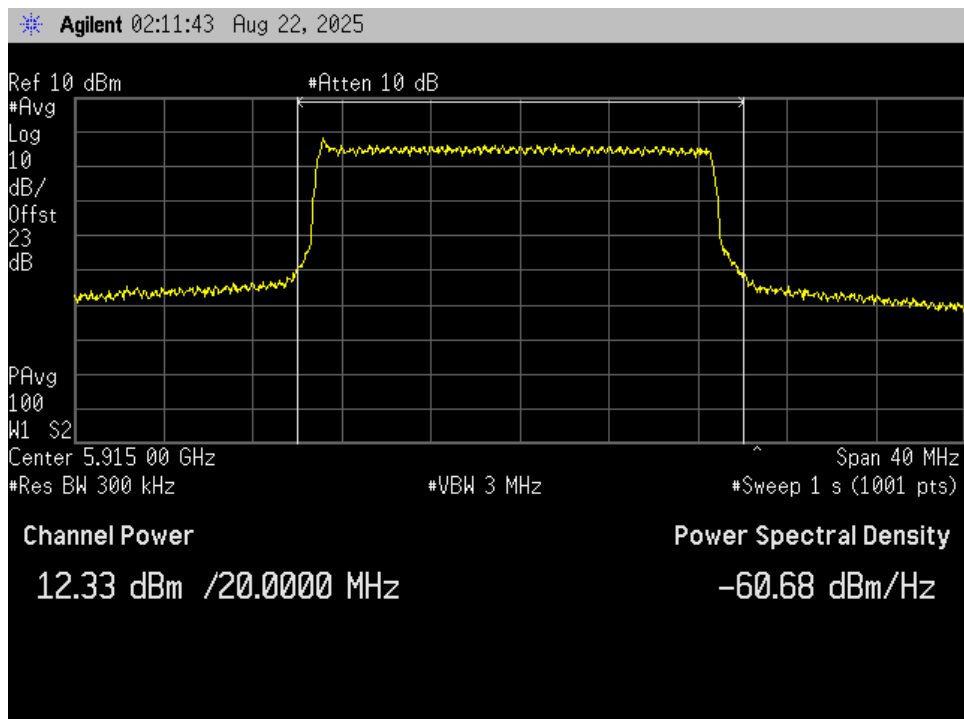
¹ Added as per KDB 558074 D01 section 8.2.4

² Added as per KDB 662911 D01 section E(c)

Output Power @Ant 1 5.915 GHz



Output Power @Ant 2_5.915 GHz



Occupied Bandwidth (OBW)

Engineer: Madhava Gooduru

Test Date: 10/6/2025

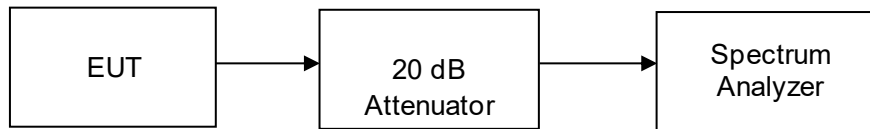
Limit: The OBW is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. i.e 20MHz (5905 – 5925 MHz)

Measurement Procedure

The EUT was connected to a spectrum analyzer through a 20 dB attenuator to verify that the EUT meets the required occupied bandwidth.

The internal occupied bandwidth tool built into the spectrum analyzer was used to record the -26 dB and 99% occupied bandwidth.

Test Setup

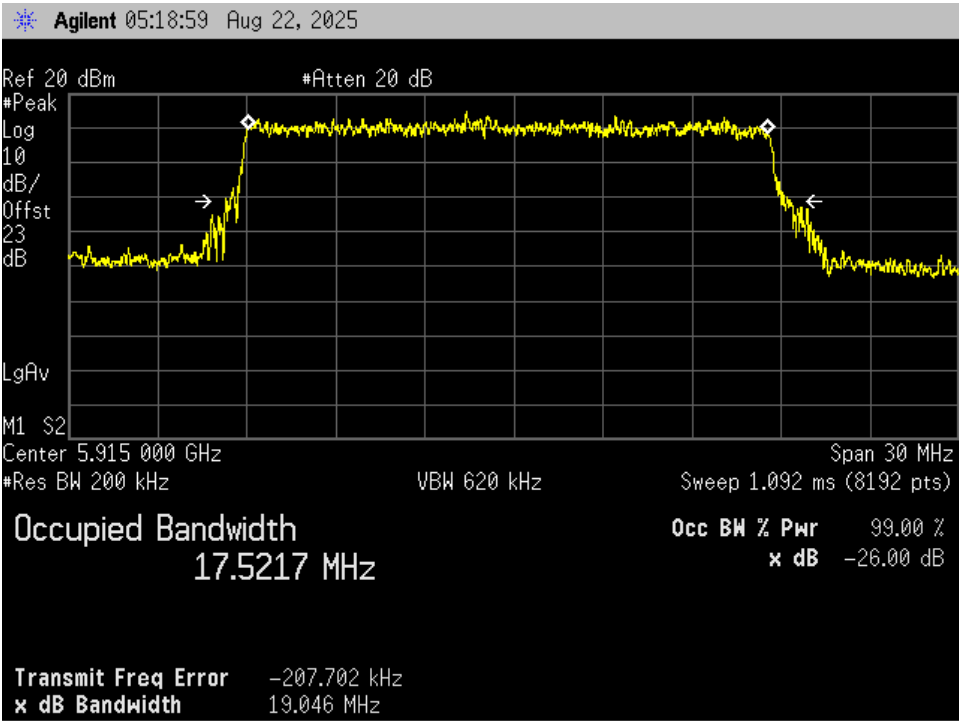


Occupied Bandwidth Summary Table

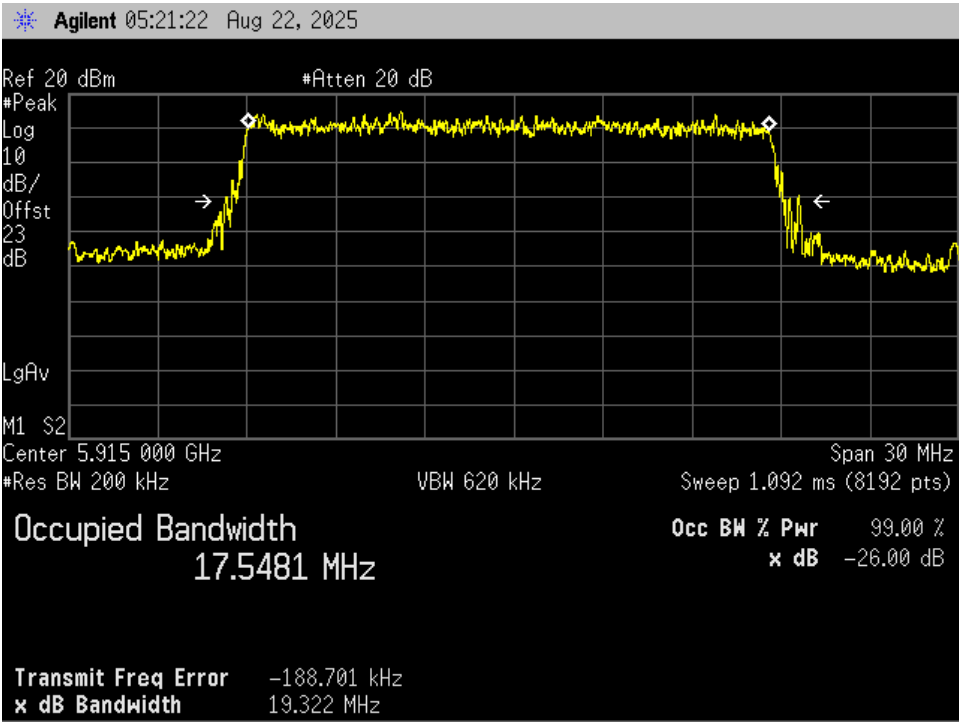
Tuned Frequency	Test Mode	99%	-26 dB
MHz	No.	MHz	MHz
5915	Ant 1	17.5217	19.046
5915	Ant 2	17.5481	19.322

Note: -26dB bandwidth was provided for report purpose only

Occupied BW_Ant 1_5.915 GHz



Occupied BW_Ant 2_5.915 GHz



Out Of Band Emissions (OOBE)

Engineer: Madhava Gooduru

Test Date: 10/7/2025

Limit: C-V2X Roadside Units (RSUs) must comply with the following out-of-band emissions limits.

(a) Conducted limits measured at the antenna input must not exceed:

- (1) -16 dBm/100 kHz within ± 1 megahertz of the band edges.
- (2) -13 dBm/MHz within ± 1 megahertz to ± 5 megahertz of the band edges.
- (3) -16 dBm/MHz within ± 5 megahertz to ± 30 megahertz of the band edges; and
- (4) -28 dBm/MHz beyond 30 megahertz from the band edges

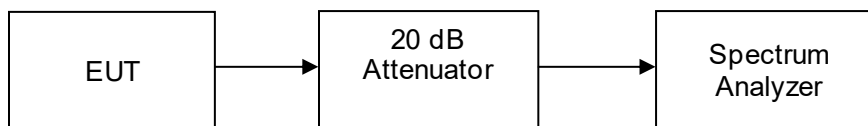
Measurement Procedure

The EUT was connected to a spectrum analyzer through a 20 dB attenuator to verify that the EUT meets the required emissions mask.

The conducted spurious emissions were recorded using standard modulation for channel 183.

Compliance was verified with RMS average detector.

Test Setup

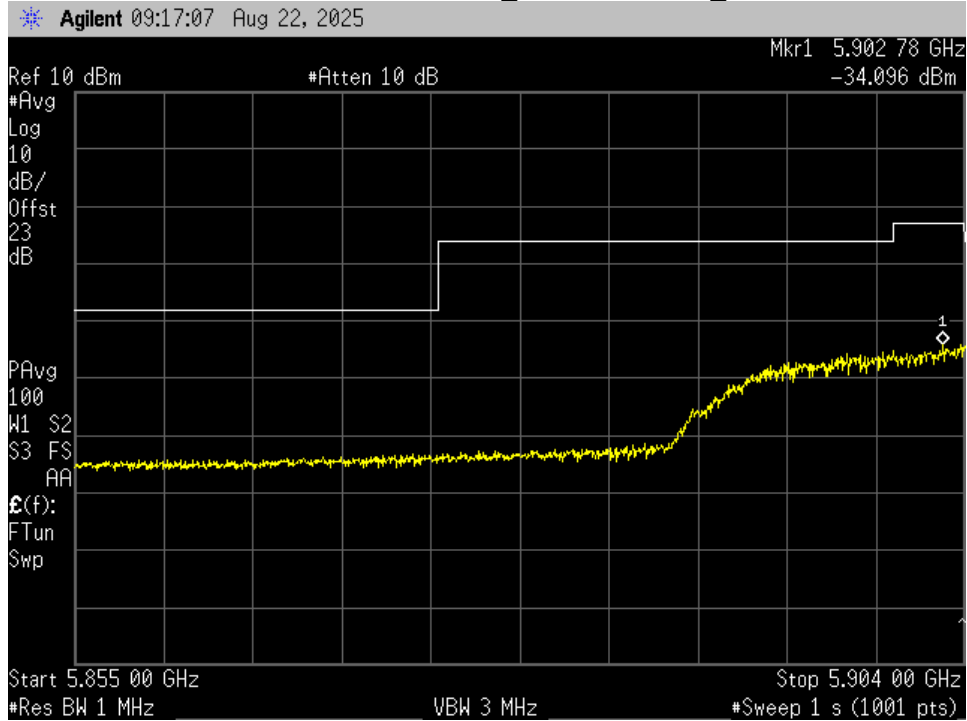


Out of band Emissions- Summary Table

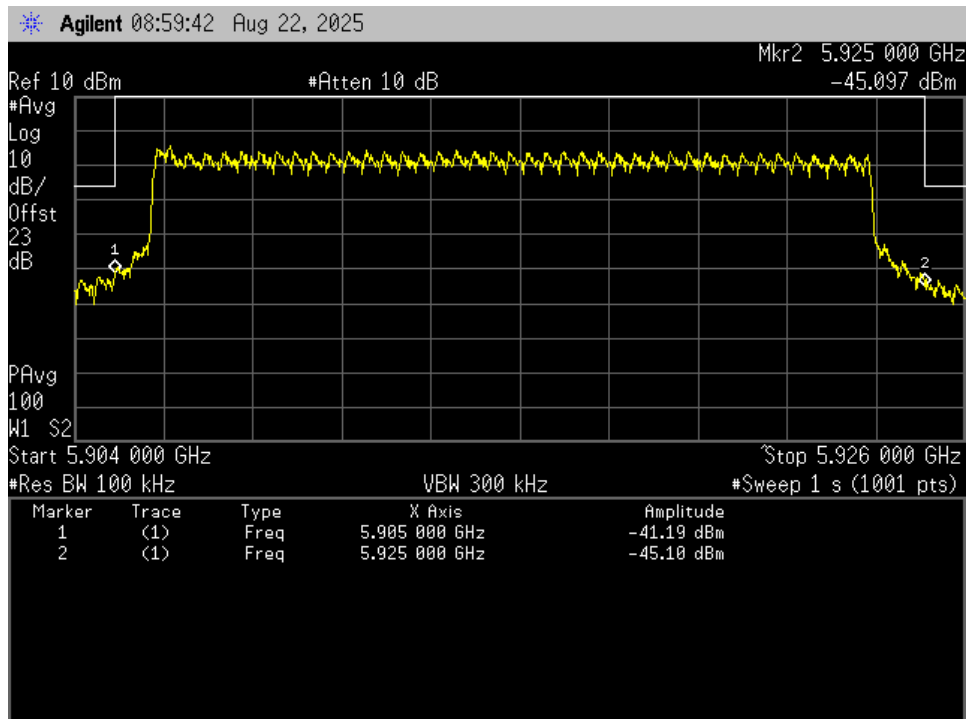
Test Mode	Range Frequency	Worst measured		Correction Factor ¹	Final Value	Limit	Margin	Result
		Frequency	Level					
No	MHz	MHz	dBm	dB	dBm	dBm	dB	
Ant 1	5865-5904	5902.78	-34.1	13.35	-20.75	-13.0	-7.75	Pass
	5904-5926	5905	-41.19	13.35	-27.84	-16.0	-11.84	Pass
	5926-5965	5926.1	-35.78	13.35	-22.43	-13.0	-9.43	Pass
Ant 2	5865-5904	5903.26	-36.37	13.35	-23.02	-13.0	-10.02	Pass
	5904-5926	5905	-42.54	13.35	-29.19	-16.0	-13.19	Pass
	5926-5965	5926.64	-37.98	13.35	-24.63	-13.0	-11.63	Pass

¹Duty cycle correction factor and $10\log(N)$ where $N=2$ were added as correction factor

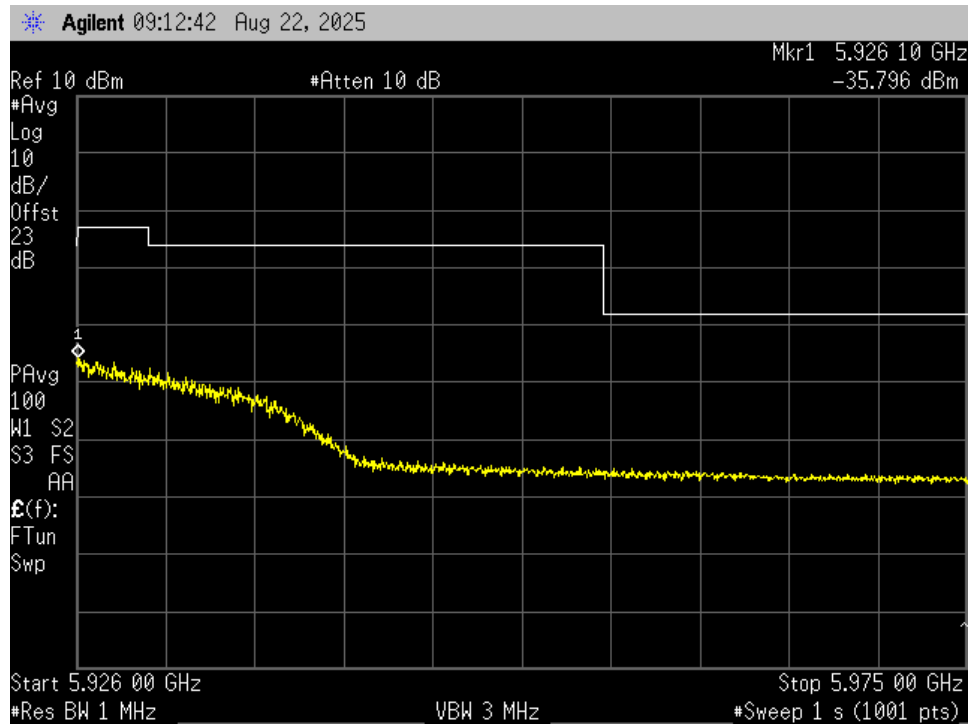
Out of Band Emissions Ant 1_5855-5904 MHz_5.915 GHz



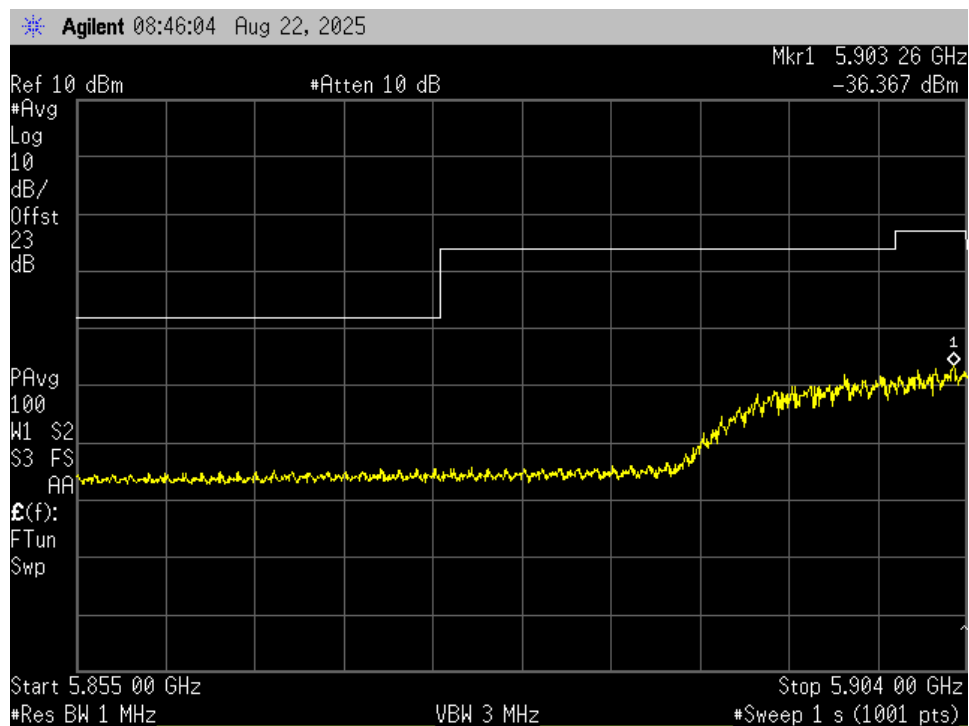
Out of Band Emissions Ant 1_5904-5926 MHz_5.915 GHz



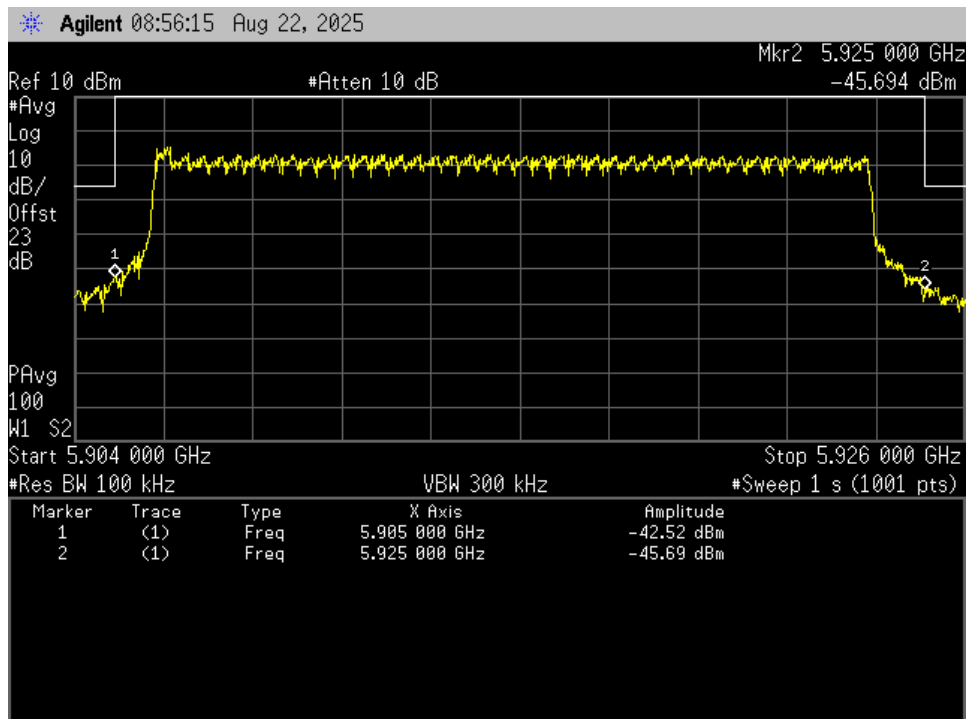
Out of Band Emissions Ant 1_5926-5975 MHz_5.915 GHz



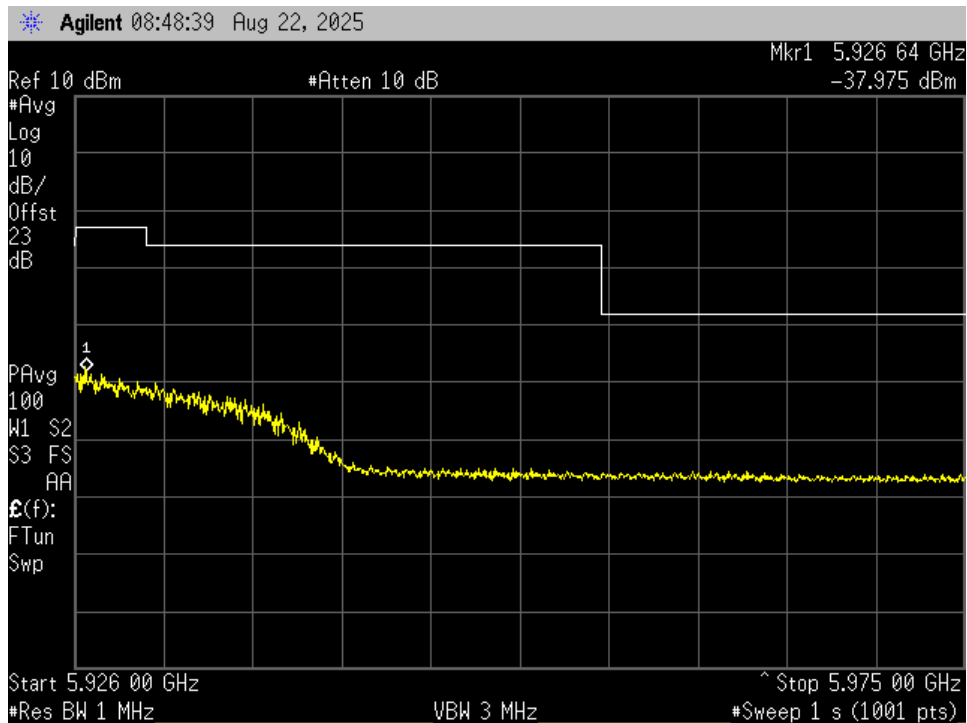
Out of Band Emissions Ant 2_5855-5904 MHz_5.915 GHz



Out of Band Emissions Ant 2_5904-5926 MHz_5.915 GHz



Out of Band Emissions Ant 2_5926-5975 MHz_5.915 GHz



Spurious Emissions at Antenna Terminals

Engineer: Madhava Gooduru

Test Date: 10/8/2025

Limit: C-V2X Roadside Units (RSUs) must comply with the following out-of-band emissions limits.

(a) Conducted limits measured at the antenna input must not exceed:

- (1) -16 dBm/100 kHz within ± 1 megahertz of the band edges;
- (2) -13 dBm/MHz within ± 1 megahertz to ± 5 megahertz of the band edges;
- (3) -16 dBm/MHz within ± 5 megahertz to ± 30 megahertz of the band edges; and
- (4) -28 dBm/MHz beyond 30 megahertz from the band edges

Test Procedure

The EUT was connected directly to a spectrum analyzer through a 20dB attenuator to verify that the EUT met the requirements for spurious emissions at antenna terminal.

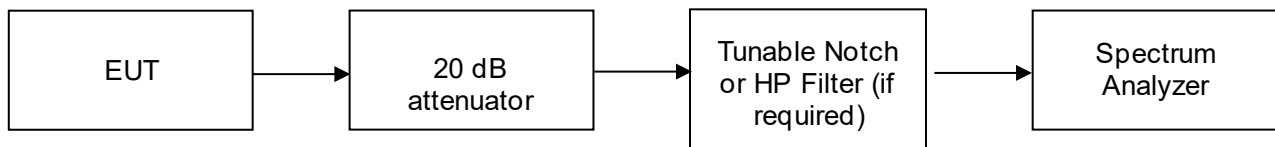
The resolution bandwidth was set for 100 kHz or 1 MHz as required per the rule section and the reference level was adjusted to ensure the system had sufficient dynamic range to measure spurious emissions.

The frequency range from 30 MHz to 40 GHz was observed and plotted.

All cable correction factors were input into the spectrum analyzer ensuring an accurate measurement

The conducted spurious emissions were recorded using standard modulation for channel 183.

Test Setup



Spurious Emissions at Antenna Terminals Summary Test Table

Frequency Span	Test Mode	Tuned Frequency	Conducted Spurious		Limit	Margin	Result
			Frequency	Level			
MHz		MHz	MHz	dBm	dBm	dB	
30 - 1000	Ant 1	5915	311.54	-57.32	-28	-29.32	Pass
1000-6000		5915	5741.25	-33.97	-28	-5.97	Pass
6000-10000		5915	6073.5	-41.39	-28	-13.39	Pass
10000-26000		5915	25506	-45.27	-28	-17.27	Pass
26000-40000		5915	37494	-39.45	-28	-11.45	Pass
30 - 1000	Ant 2	5915	731.07	-58.75	-28	-30.75	Pass
1000-6000		5915	5708.75	-34.15	-28	-6.15	Pass
6000-10000		5915	6074	-39.35	-28	-11.35	Pass
10000-26000		5915	24602	-45.04	-28	-17.04	Pass
26000-40000		5915	38272	-39.43	-28	-11.43	Pass

Annex A Spurious Emissions at Antenna Terminals

Refer to Annex A for Spurious Emissions at Antenna Terminals.

Field Strength of Spurious Radiation

Engineer: Madhava Gooduru

Test Date: 10/13/2025

Limit: C-V2X Roadside Units (RSUs) must comply with the following out-of-band emissions limits.

(a) Conducted limits measured at the antenna input must not exceed:

- (1) -16 dBm/100 kHz within ± 1 megahertz of the band edges;
- (2) -13 dBm/MHz within ± 1 megahertz to ± 5 megahertz of the band edges;
- (3) -16 dBm/MHz within ± 5 megahertz to ± 30 megahertz of the band edges; and
- (4) -28 dBm/MHz beyond 30 megahertz from the band edges

Test Procedure

The EUT was tested in a semi-anechoic chamber with the turntable set 3m from the receiving antenna.

The EUT was set to transmit at maximum power with the RF output terminated with a non-radiating 50-ohm loads.

A spectrum analyzer was used to verify that the EUT met the requirements for radiated emissions.

Radiated spurious emissions were recorded with the EUT using standard modulation.

Adequate dwell time was used to capture worst-case emission levels.

The EUT was tested by rotating it 360 degrees with the antenna in both the vertical and horizontal orientation while raised from 1 to 4 meters to ensure that the signal levels were maximized.

All cable and antenna correction factors were input into the spectrum analyzer ensuring an accurate measurement in EIRP with the resultant power in dBm.

The RBW was set to 100 kHz for measurements below 1 GHz and 1 MHz for measurements above 1 GHz.

The following formula was used for calculating the limits:

$$\text{EIRP (dBm)} = E (\text{dBuV/m}) + 20\log D - 104.77$$

Sample Calculations:

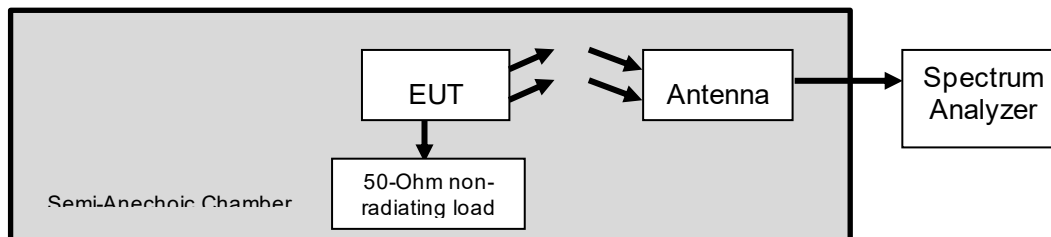
$$\text{EIRP (dBm)} = (\text{dBm} + 107) + 20\log D - 104.77$$

$$\text{EIRP (dBm)} = \text{dBm} + 107 + 9.54 - 104.77$$

Ref Offset = 11.8 dB was used in Spectrum Analyser to observe EIRP in dBm

On the 1000 - 18000 MHz plots, marker 1 and marker 2 are the fundamental transmit frequencies and is not subject to the -28 dBm limit.

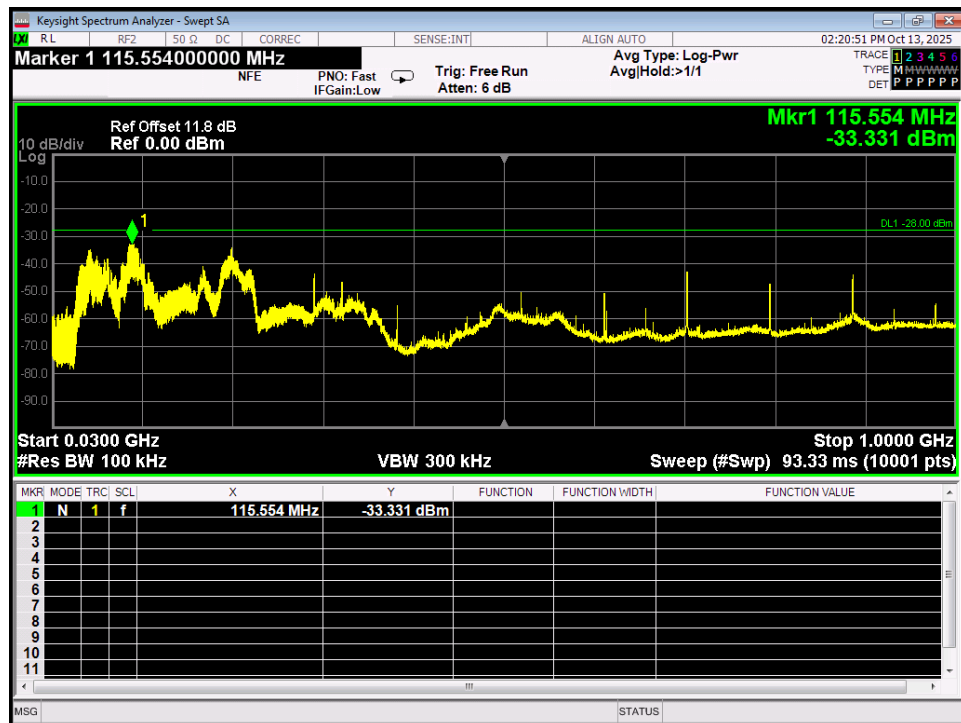
Test Setup



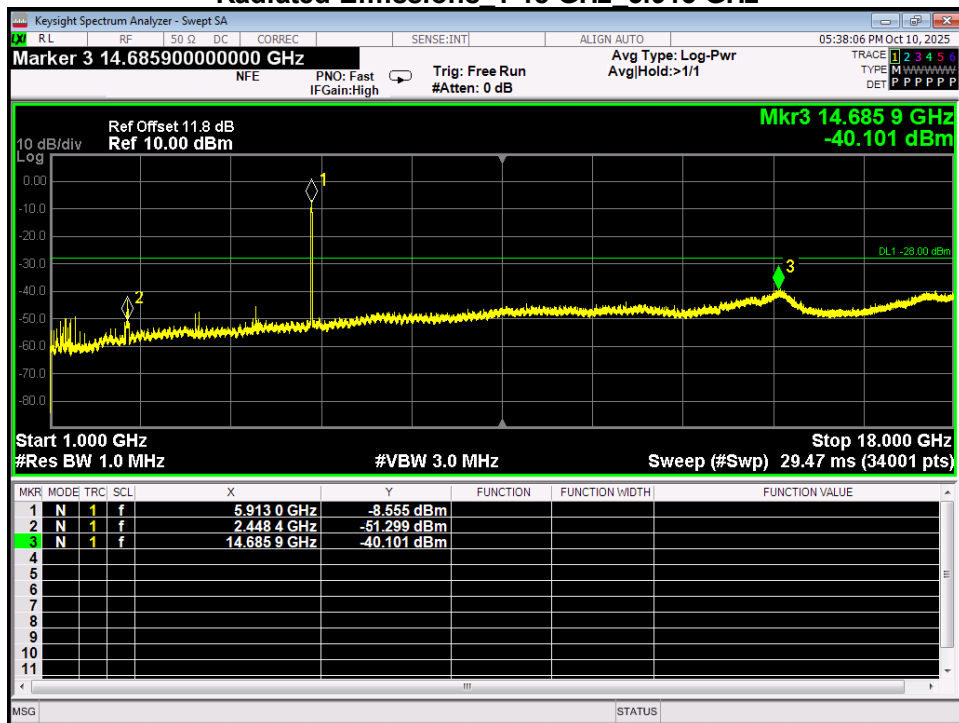
Radiated Spurious Emissions Summary Test Table

Frequency Span	Tuned Frequency	Radiated Spurious		Limit	Margin	Result
		Frequency	Level			
MHz	MHz	MHz	dBm	dBm	dB	
30 – 1000	5915MHz	115.554	-33.331	-28	-5.331	Pass
1000 – 18000	5915MHz	14685.9	-40.101	-28	-12.101	Pass
18000 - 40000	5915MHz	33962.5	-33.247	-28	-5.247	Pass

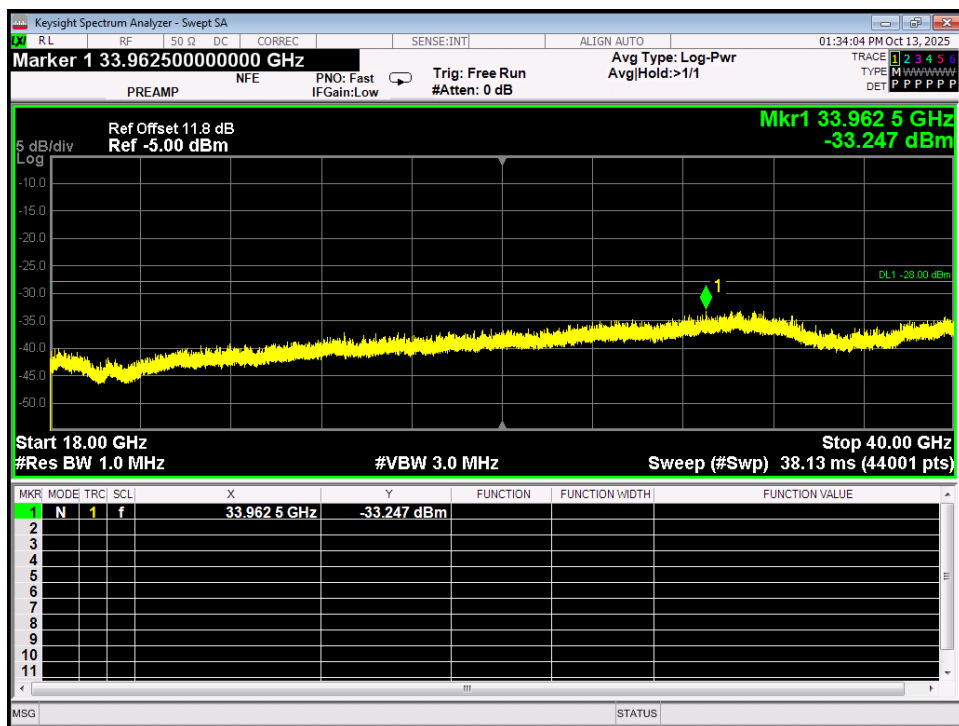
Radiated Emissions_30-1000 MHz_5.915 GHz



Radiated Emissions 1-18 GHz 5.915 GHz



Radiated Emissions_18-40 GHz_5.915 GHz



Frequency Stability

Engineer: Madhava Gooduru

Test Date: 11/4/2025

Limit: The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block

Measurement Procedure

The EUT was placed in an environmental test chamber and the RF output was connected directly to a spectrum analyzer thru 20 dB attenuator.

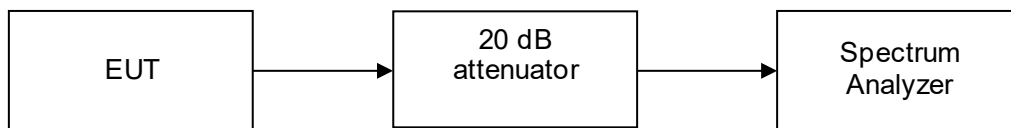
External GPS Antenna was connected to the required GPS port.

The temperature was varied from -30°C to 50°C in 10°C increments.

After sufficient time for temperature stabilization the RF output frequency was measured.

At 20°C the power supply voltage to the EUT varied from 85% to 115% of the nominal value and the RF output was measured.

Measurement Setup



Frequency Stability results Vs temperature vs Voltage

Test mode	Temp	AC Voltage	Tuned freq.	F _{lower}	Limit - F _{lower}	Margin - F _{lower}	F _{higher}	Limit - F _{higher}	Margin - F _{higher}	Result
	(°C)	(V)	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)	
Ant 1	-30	120	5915	5905.687201	5905	-0.687	5923.940201	5925	-1.060	Pass
	-20	120	5915	5905.618441	5905	-0.618	5923.984441	5925	-1.016	Pass
	-10	120	5915	5905.687201	5905	-0.687	5923.940201	5925	-1.060	Pass
	0	120	5915	5905.588330	5905	-0.588	5924.011330	5925	-0.989	Pass
	10	120	5915	5905.567442	5905	-0.567	5924.039442	5925	-0.961	Pass
	20	102	5915	5905.592575	5905	-0.593	5924.020575	5925	-0.979	Pass
	20	120	5915	5905.619686	5905	-0.620	5924.002686	5925	-0.997	Pass
	20	138	5915	5905.646698	5905	-0.647	5923.932698	5925	-1.067	Pass
	30	120	5915	5905.464579	5905	-0.465	5924.125579	5925	-0.874	Pass
	40	120	5915	5905.644313	5905	-0.644	5923.994313	5925	-1.006	Pass
	50	120	5915	5905.547295	5905	-0.547	5924.059295	5925	-0.941	Pass
Ant 2	-30	120	5915	5905.602577	5905	-0.603	5924.002577	5925	-0.997	Pass
	-20	120	5915	5905.635637	5905	-0.636	5923.983637	5925	-1.016	Pass
	-10	120	5915	5905.671092	5905	-0.671	5923.932092	5925	-1.068	Pass
	0	120	5915	5905.514561	5905	-0.515	5924.084561	5925	-0.915	Pass
	10	120	5915	5905.604609	5905	-0.605	5924.009609	5925	-0.990	Pass
	20	102	5915	5905.556135	5905	-0.556	5924.044135	5925	-0.956	Pass
	20	120	5915	5905.455700	5905	-0.456	5924.169700	5925	-0.830	Pass
	20	138	5915	5905.534432	5905	-0.534	5924.098432	5925	-0.902	Pass
	30	120	5915	5905.602246	5905	-0.602	5924.003246	5925	-0.997	Pass
	40	120	5915	5905.559849	5905	-0.560	5924.058849	5925	-0.941	Pass
	50	120	5915	5905.581310	5905	-0.581	5924.011310	5925	-0.989	Pass

Measurement Uncertainty

Measurement Uncertainty (U_{lab}) for Compliance Testing is listed in the table below.

Measurement	U_{lab}
Radio Frequency	$\pm 3.3 \times 10^{-8}$
RF Power, conducted	± 0.54 dB
RF Power Density, conducted	± 1.0 dB
Conducted Emissions	± 0.94 dB
Radiated Emissions 9kHz-30MHz	± 2.76 dB
Radiated Emissions 30MHz-1000MHz	± 4.25 dB
Radiated Emissions – 1GHz-18GHz	± 4.49 dB
Temperature	± 1.5 deg C
Humidity	± 4.3 %
DC voltage	± 0.20 VDC
AC Voltage	± 1.2 VAC

The reported expanded uncertainty $\pm U_{lab}(\text{dB})$ has been estimated at a 95% confidence level ($k=2$)

U_{lab} is less than or equal to U_{ETSI} therefore

- Compliance is deemed to occur if no measured disturbance exceeds the disturbance limit
- Non-Compliance is deemed to occur if any measured disturbance exceeds the disturbance limit

Test Equipment Utilized

Description	Manufacturer	Model #	CT Asset #	Last Cal Date	Cal Due Date
Horn Antenna	ARA	DRG-118/A	i00271	8/9/2024	8/9/2026
Temp./humidity/pressure monitor (Main Lab)	Omega Engineering	iBTHX-W-5	i00686	1/25/2025	1/25/2026
Data Logger	Fluke	Hydra Data Bucket	i00343	7/1/2025	7/1/2026
Attenuator, 20 dB, 5W	Minicircuits	BW-S20W5+	NA	Verified on: 10/6/25	
Bi-Log Antenna	Schaffner	CBL 6111D	i00349	2/27/25	2/27/27
Spectrum Analyzer	Agilent	E4445A	i00471	1/25/2025	1/25/2026
3 Meter Semi-Anechoic Chamber	Panashield	3 Meter Semi-Anechoic Chamber	i00428	7/13/23	7/13/26
Multimeter	Fluke	179	i00488	6/25/25	6/25/26
MXE EMI receiver	Keysight	N9038A	i00552	3/17/2025	3/17/2026
Temperature Chamber	Thermotron	SE-1000-3-3	i00557	Verified on: 11/4/25	
Preamplifier	COM-Power	PAM-103	i00734	Verified on: 9/8/25	
Preamplifier	Eravant	SBB-0115034019-2F2F-E3	i00756	Verified on: 9/8/25	

In addition to the above-listed equipment, standard RF connectors and cables were utilized in the testing of the equipment described. Prior to testing, these components were tested to verify proper operation.

END OF TEST REPORT