SENSUS METERING SYSTEMS INC.

TEST REPORT

SCOPE OF WORK
RADIO TESTING –525M SMARTPOINT

REPORT NUMBER
106310015ATL-005

ISSUE DATE
18 February 2026

REVISED DATE
N/A

PAGES
27

DOCUMENT CONTROL NUMBER
Non-Specific Radio Report Shell Rev. January 2025

RADIO TEST REPORT

Report Number:	**106310015ATL-005**
Project Number:	**G106310015**
Report Issue Date:	**18 February 2026**
PMN:	**525M**
Model/HVIN:	**525M**
FCC ID:	**SDBWFL3**
IC:	**2220A-WFL3**
Standards:	**47 CFR Part 15 Subpart C, 15.247** **RSS-247, Issue 4** **ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024** **+ Errata to C63.10a-2024** **RSS-GEN, Issue 5**

Test Location

Intertek
1950 Evergreen Blvd., Suite 100
Duluth, GA 30096 USA
FCC Designation: US1046
ISED CAB Designator: US0128
ISO 17025 A2LA Accreditation: 1455.01

Client

Sensus Metering Systems Inc.
639 Davis Drive
Morrisville, NC 27560 USA

Report prepared by

Jeremy Pickens / Senior Staff Engineer

Report reviewed by

Michael Carlson / Staff Engineer

Table of Contents

1 Introduction and Conclusion

The tests indicated in Section 2 were performed on the product constructed as described in Section 4. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard(s) unless specifically noted.

Based on the results of our investigation, we have concluded the product tested **complies** with the requirements of the standard(s) indicated. The results obtained in this test report pertain only to the item(s) tested. Intertek does not make any claims of compliance for samples or variants which were not tested.

2 Test Summary

Section	Test Description	Test Specification		Result
		FCC	ISED	
5	Occupied and DTS Bandwidth	15.247(a)(2)	RSS-247 S5.2(a) RSS-GEN S6.7	Compliant
6	Output Power	15.247(b)(3)	RSS-247 S5.4(d)	Compliant
7	Power Spectral Density	15.247(e)	RSS-247 S5.2(b)	Compliant
8	Conducted Spurious Emissions / Band Edge	15.247(d)	RSS-247 S5.5	Compliant
9	Emissions in Restricted Frequency Bands	15.247(d) 15.205(a), 15.209(a)	RSS-GEN S8.9-8.10	Compliant
NA	AC Mains Conducted Emissions	15.207	RSS-GEN S8.8	NA[1]
NA	Antenna Requirement	15.203	RSS-GEN S6.8	Compliant[2]

1) The device was battery-powered with no facility for connection to the AC mains.
2) The antenna is a PCB patch antenna internal to the device

3 Client Information

This evaluation was performed at the request of:

Client: Sensus Metering Systems Inc.
639 Davis Drive
Morrisville, NC 27560 USA

Contact: Tyler Leeson

Email: Tyler.Leeson@xylem.com

4 Description of Equipment Under Test and Variant Models

Manufacturer: Sensus Metering Systems Inc.
639 Davis Drive
Morrisville, NC 27560 USA

Equipment Under Test			
Description	**Manufacturer**	**Model Number**	**Serial Number**
Transceiver Module	Sensus Metering Systems Inc.	525M	125852716[1] 125852710[2] 125852688[3]

1) Interquip TCXO – Conducted (Power, Spurious Emissions, and PSD)
2) KDS TCXO – Conducted (All measurements)
3) KDS TCXO – Radiated

Receive Date:	03 September 2025
Received Condition:	Good
Type:	Production

Description of Equipment Under Test (provided by client)
The equipment under test was the 525M SmartPoint that incorporates a Sensus FLEXNET 900MHz transceiver, a sub-GHz 902-928MHz DTS transceiver, and a Cat M / NBIoT cellular modem. The device does not support simultaneous transmission among the radios. The SmartPoint® 525M pit set module is a radio transceiver designed for use in submersible, pit set environments. With true two-way communication ability, it serves as a walk-by end point, drive-by end point, fixed-base end point or any combination of those. This versatility gives you highly flexible data collection options and simplifies both current operations and network evolution.

Certification Purpose
This test report is to support the original certification of the sub-GHz DTS radio with both TCXO options. Testing related to the FlexNet radio and the cellular radio are documented in separate test reports.

Radio/Receiver Characteristics	
Frequency Range / Channel Spacing	902.75 – 914.75MHz
Data Rate / Modulation Type(s)	2-FSK, 100kbps
Channel Separation:	750kHz
Maximum Conducted Output Power:	19.26dBm (84.33mW)
Equipment Type	Mobile – 20cm Separation Distance
Antenna Type and Gain	PCB Patch Antenna (-0.2dBi)
TCXO 1	Interquip, P/N: TC950-39.000-YTGKD
TCXO 2	KDS, P/N: 7EF03900A06

Software

No.	Description of EUT Software
1	FieldLogic NAMU 2.4.34.14

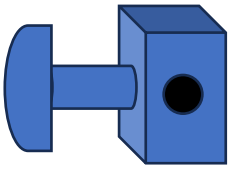
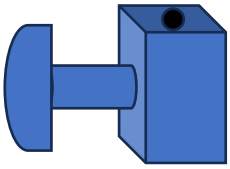
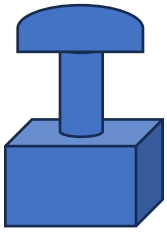
4.1 Justification

All testing performed in this report was for the sub-GHz radio only.

For antenna conducted port measurements, the DUT was directly connected to the measurement equipment using an SMA pigtail, coaxial cable, and a 10dB attenuator. The pathloss was accounted for in all measurements via an offset on the spectrum analyzer. Both TCXO options were fully tested for power, conducted spurious emissions, and PSD and the worst case was used for the remaining tests (KDS).

For radiated emission measurements the DUT was placed on a non-conductive platform (80cm or 1.5meters depending on the frequency range). The DUT was tested at low, mid, and high channels in three axes. The worst-case axis is reported (Z-Axis).

Software Setting for Power: 0x7E (100% Duty Cycle)

X-Axis	Y-Axis	Z-Axis
		

4.2 Modifications Required for Compliance

No modifications were made during compliance testing in order to bring the product into compliance.

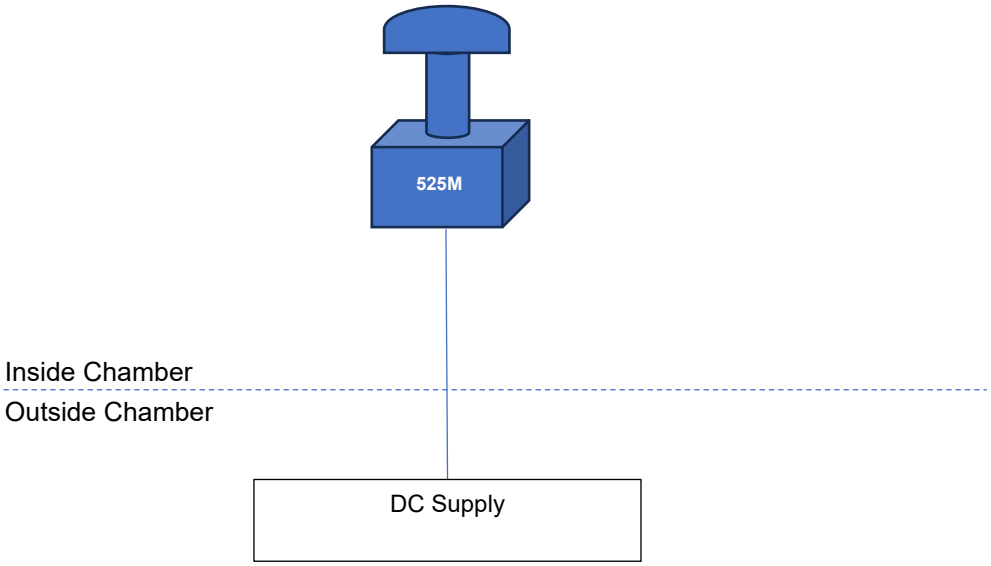
4.3 Additions, Deviations and Exclusions from Standards

No additions, deviations or exclusion have been made from standard.

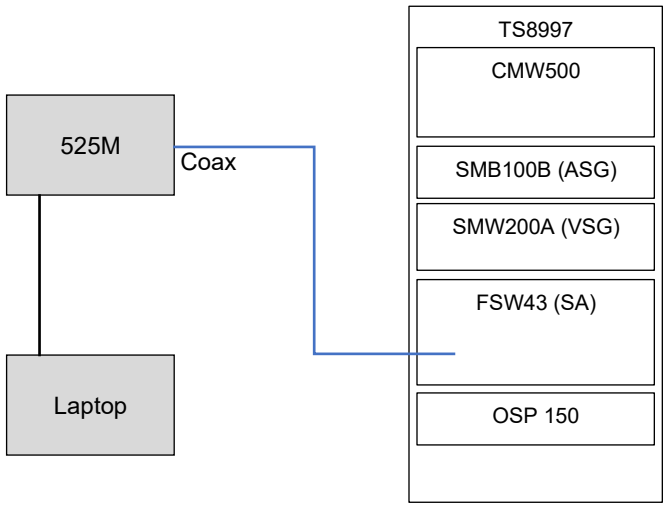
4.4 Method

Configuration as required by ANSI C63.10.

4.5 EUT Block Diagram – Radiated Measurements



4.6 EUT Block Diagram – Conducted Measurements



5 Bandwidth

5.1 Method

The procedures from ANSI C63.10 clause 11.8 and 558074 D01 DTS Meas Guidance v05r2 were used to determine the 6 dB bandwidth.

The procedures from ANSI C63.10 clause 6.9.3 were used to measure the 99% Occupied Bandwidth.

TEST SITE: RF Bench

The RF bench consists of a Rohde & Schwarz TS8997 automated test system coupled with a temperature/humidity environmental chamber. Measurements are automated using the Rohde & Schwarz EMC32 test software. The TS8997 system houses a switch matrix (OSP), along with a spectrum analyzer, vector network analyzer, and analog signal generator.

5.2 Test Equipment

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
212164	Temperature/Pressure/Humidity Sensor	Extech	SD700	109402	07/08/2025	07/08/2026
213500	Analog Signal Generator (8kHz-40GHz)	Rohde & Schwarz	SMB100B	106096	05/08/2025	05/08/2027
213502	Spectrum Analyzer (2Hz-43.5GHz)	Rohde & Schwarz	FSW43	102972	08/01/2024	08/01/2026
213506-02	RF Test Cable	Huber+Suhner	Enviroflex 400	213506-02	VBU	VBU
213507-10	10dB SMA Attenuator	Tojoin	10dB	241120	VBU	VBU

Software Utilized

Name	Manufacturer	Version
RSCommander	Rohde & Schwarz	2.4.2 64-bit (2023)

5.3 Results

The sample tested was found to Comply.

5.4 Test Data

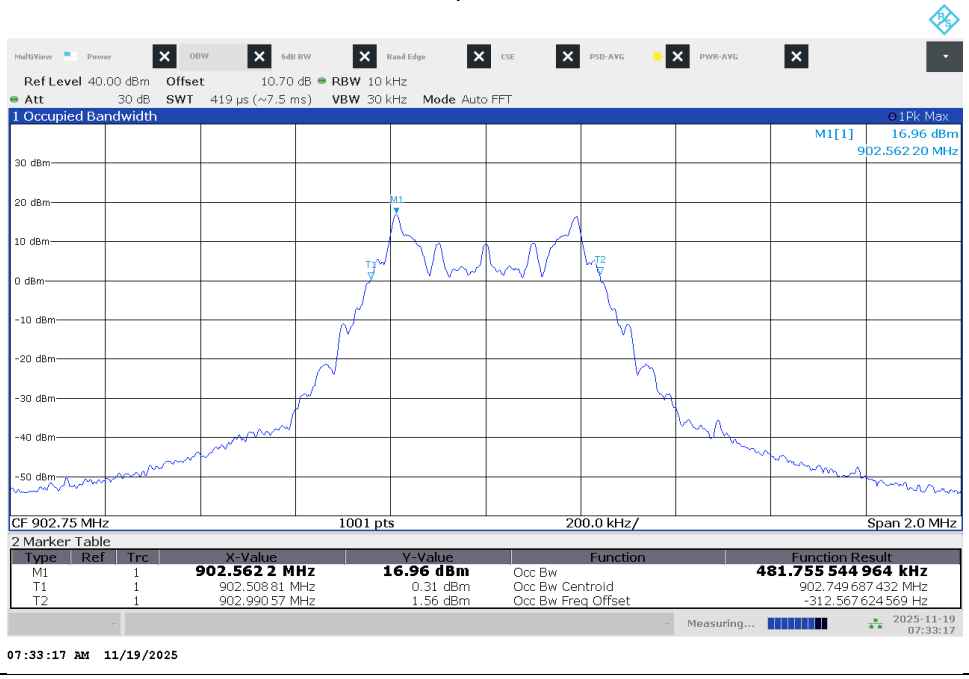
Frequency (MHz)	6dB Bandwidth (kHz)	Limit (kHz)	Result
902.75	539.5	>500	Compliant
908.75	539.5	>500	Compliant
914.75	537.5	>500	Compliant

Frequency (MHz)	99% OBW (kHz)	Limit (kHz)	Result
902.75	481.8	NA	Reported
908.75	480.8	NA	Reported
914.75	479.7	NA	Reported

Sample Plots

6dB Bandwidth

99% Occupied Bandwidth



Test Personnel:	Jeremy Pickens	Test Date:	19 November 2025
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	21.8ºC
Product Standard:	ANSI C63.10	Relative Humidity:	45.2%
Input Voltage:	3.65Vdc	Atmospheric Pressure:	98.4kPa

6 Output Power

6.1 Method

The procedures from KDB 558074 D01 DTS Meas Guidance v05r2 and ANSI C63.10 Clause 11.9.2.2.2 were used to measure the average output power.

TEST SITE: RF Bench

The RF bench consists of a Rohde & Schwarz TS8997 automated test system coupled with a temperature/humidity environmental chamber. Measurements are automated using the Rohde & Schwarz EMC32 test software. The TS8997 system houses a switch matrix (OSP), along with a spectrum analyzer, vector network analyzer, and analog signal generator.

6.2 Test Equipment

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
212164	Temperature/Pressure/Humidity Sensor	Extech	SD700	109402	07/08/2025	07/08/2026
213500	Analog Signal Generator (8kHz-40GHz)	Rohde & Schwarz	SMB100B	106096	05/08/2025	05/08/2027
213502	Spectrum Analyzer (2Hz-43.5GHz)	Rohde & Schwarz	FSW43	102972	08/01/2024	08/01/2026
213506-02	RF Test Cable	Huber+Suhner	Enviroflex 400	213506-02	VBU	VBU
213507-10	10dB SMA Attenuator	Tojoin	10dB	241120	VBU	VBU

Software Utilized

Name	Manufacturer	Version
RSCommander	Rohde & Schwarz	2.4.2 64-bit (2023)

6.3 Results

The sample tested was found to Comply.

6.4 Test Data – Interquip TCXO

Frequency (MHz)	Conducted AVG Power (dBm)	Conducted Limit (dBm)	Result
902.75	19.14	30	Pass
908.75	19.03	30	Pass
914.75	18.96	30	Pass

Frequency (MHz)	Conducted AVG Power	Worst-case Antenna Gain (dBi)	EIRP (dBm)	ISED EIRP Limit (dBm)	Result
902.75	19.14	-0.2	18.94	36	Pass
908.75	19.03	-0.2	18.83	36	Pass
914.75	18.96	-0.2	18.76	36	Pass

EIRP = Power + Antenna Gain

6.5 Test Data – KDS TCXO

Frequency (MHz)	Conducted AVG Power (dBm)	Conducted Limit (dBm)	Result
902.75	19.10	30	Pass
908.75	19.26	30	Pass
914.75	19.06	30	Pass

Frequency (MHz)	Conducted AVG Power	Worst-case Antenna Gain (dBi)	EIRP (dBm)	ISED EIRP Limit (dBm)	Result
902.75	19.10	-0.2	18.90	34	Pass
908.75	19.26	-0.2	19.06	34	Pass
914.75	19.06	-0.2	18.86	34	Pass

EIRP = Power + Antenna Gain

Sample Plot

Test Personnel:	Jeremy Pickens	Test Date:	19 November 2025
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	21.8°C
Product Standard:	ANSI C63.10	Relative Humidity:	45.2%
Input Voltage:	3.65Vdc	Atmospheric Pressure:	98.4kPa

7 Power Spectral Density

7.1 Method

The procedures from KDB 558074 D01 DTS Meas Guidance v05r2 and ANSI C63.10 Clause 11.10.3 were used to measure the average PSD.

TEST SITE: RF Bench

The RF bench consists of a Rohde & Schwarz TS8997 automated test system coupled with a temperature/humidity environmental chamber. Measurements are automated using the Rohde & Schwarz EMC32 test software. The TS8997 system houses a switch matrix (OSP), along with a spectrum analyzer, vector network analyzer, and analog signal generator.

7.2 Test Equipment

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
212164	Temperature/Pressure/Humidity Sensor	Extech	SD700	109402	07/08/2025	07/08/2026
213500	Analog Signal Generator (8kHz-40GHz)	Rohde & Schwarz	SMB100B	106096	05/08/2025	05/08/2027
213502	Spectrum Analyzer (2Hz-43.5GHz)	Rohde & Schwarz	FSW43	102972	08/01/2024	08/01/2026
213506-02	RF Test Cable	Huber+Suhner	Enviroflex 400	213506-02	VBU	VBU
213507-10	10dB SMA Attenuator	Tojoin	10dB	241120	VBU	VBU

Software Utilized

Name	Manufacturer	Version
RSCommander	Rohde & Schwarz	2.4.2 64-bit (2023)

7.3 Results

The sample tested was found to Comply.

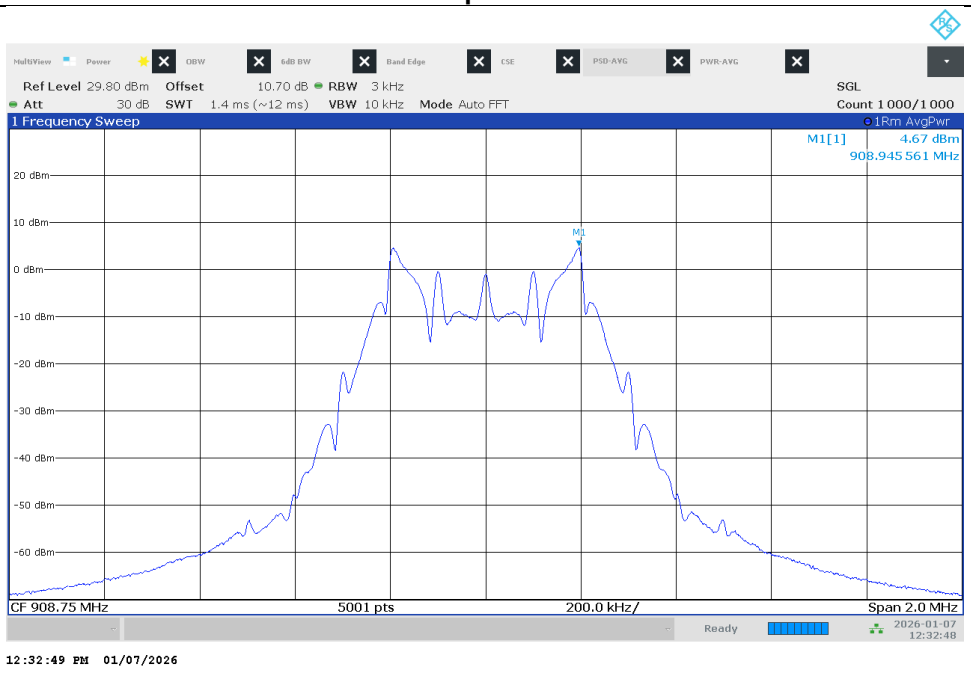
7.4 Test Data – Interquip TCXO

Frequency (MHz)	AVG PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
902.75	4.28	8	Pass
908.75	4.25	8	Pass
914.75	4.38	8	Pass

7.5 Test Data – KDS TCXO

Frequency (MHz)	AVG PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
902.75	4.65	8	Pass
908.75	4.67	8	Pass
914.75	4.41	8	Pass

Sample Plot



Test Personnel:	Jeremy Pickens	Test Date:	07 January 2026
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	20.4ºC
Product Standard:	ANSI C63.10	Relative Humidity:	50.4%
Input Voltage:	3.65Vdc	Atmospheric Pressure:	98.2kPa

8 Conducted Spurious Emissions / Band Edge

8.1 Method

The procedures from KDB 558074 D01 DTS Meas Guidance v05r2 and ANSI C63.10 Clause 11.11 were used to measure the conducted spurious emissions and allocated band edges.

The limit is 30 dB below the measured peak power in any 100kHz band when average power and PSD are reported.

TEST SITE: RF Bench

The RF bench consists of a Rohde & Schwarz TS8997 automated test system coupled with a temperature/humidity environmental chamber. Measurements are automated using the Rohde & Schwarz EMC32 test software. The TS8997 system houses a switch matrix (OSP), along with a spectrum analyzer, vector network analyzer, and analog signal generator.

8.2 Test Equipment

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
212164	Temperature/Pressure/Humidity Sensor	Extech	SD700	109402	07/08/2025	07/08/2026
213500	Analog Signal Generator (8kHz-40GHz)	Rohde & Schwarz	SMB100B	106096	05/08/2025	05/08/2027
213502	Spectrum Analyzer (2Hz-43.5GHz)	Rohde & Schwarz	FSW43	102972	08/01/2024	08/01/2026
213506-02	RF Test Cable	Huber+Suhner	Enviroflex 400	213506-02	VBU	VBU
213507-10	10dB SMA Attenuator	Tojoin	10dB	241120	VBU	VBU

Software Utilized

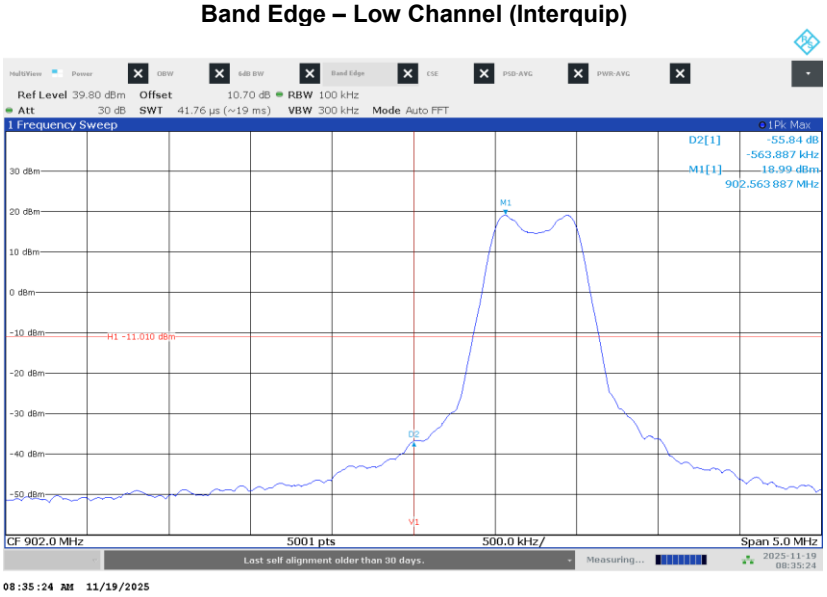
Name	Manufacturer	Version
RSCommander	Rohde & Schwarz	2.4.2 64-bit (2023)

8.3 Results

The sample tested was found to Comply.

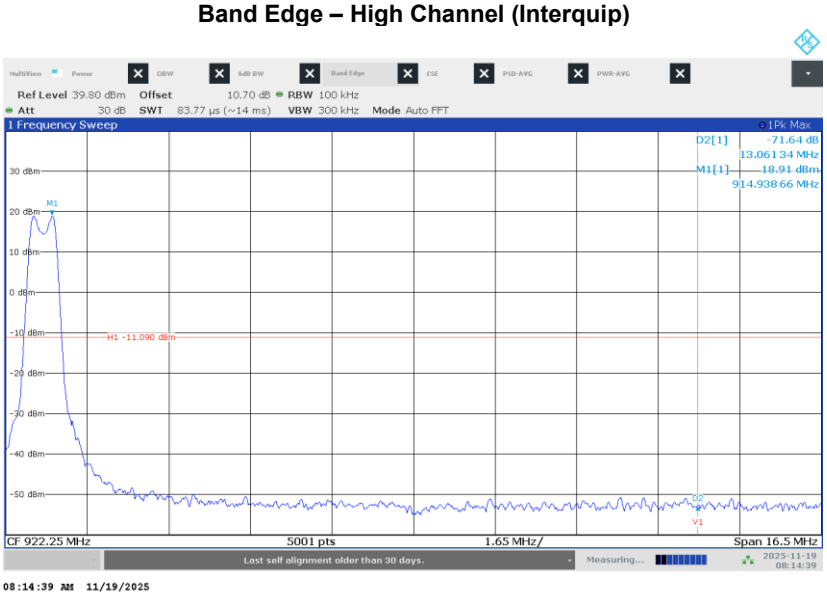
8.4 Plots

Band Edge – Low Channel (Interquip)



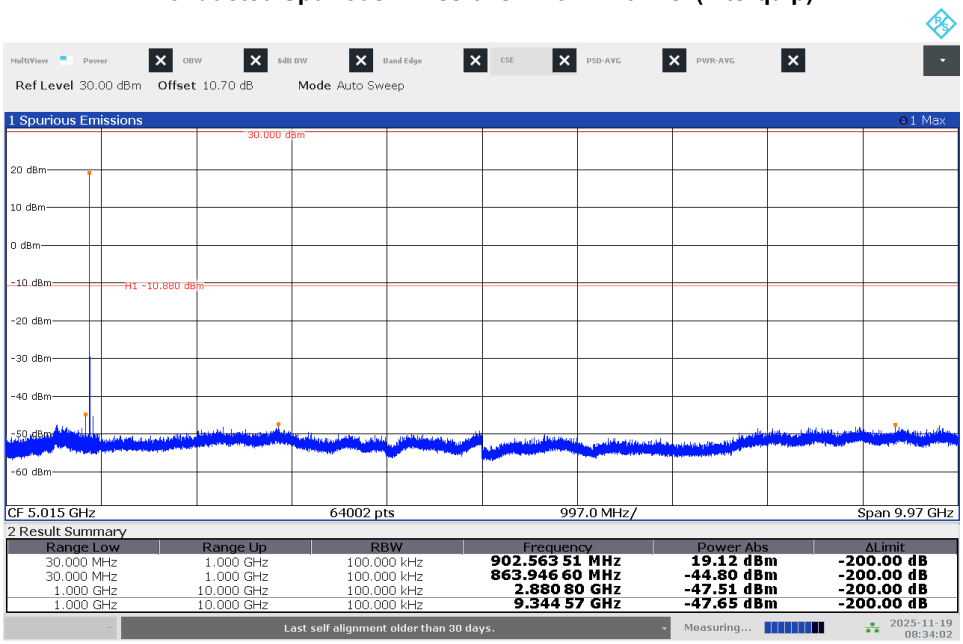
Frequency	Measurement (dBc)	Limit (dBc)	Result
902.000MHz	-55.84	-30	Compliant

Band Edge – High Channel (Interquip)



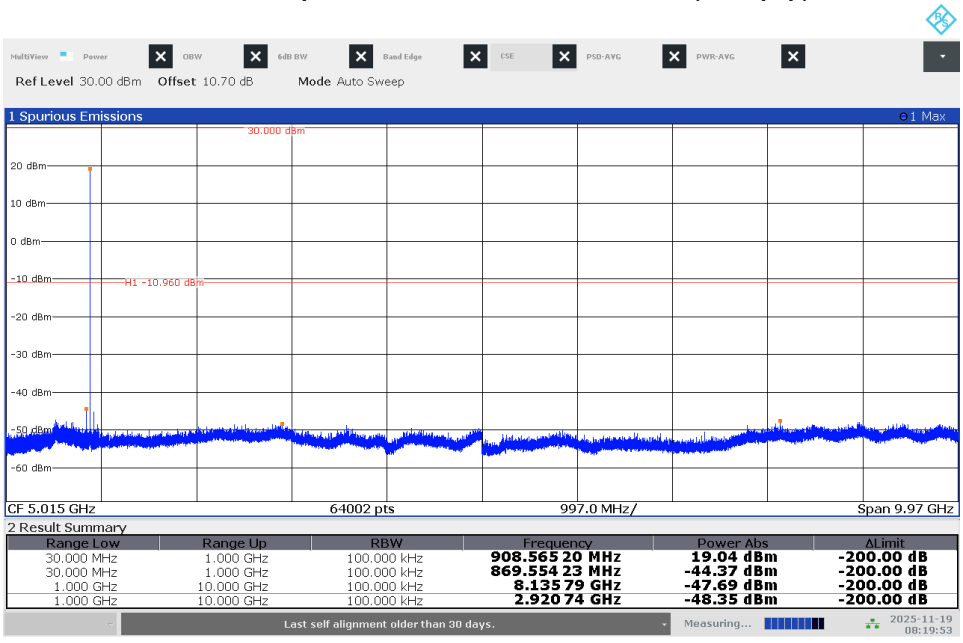
Frequency	Measurement (dBc)	Limit (dBc)	Result
928.000MHz	-71.64	-30	Compliant

Conducted Spurious Emissions – Low Channel (Interquip)



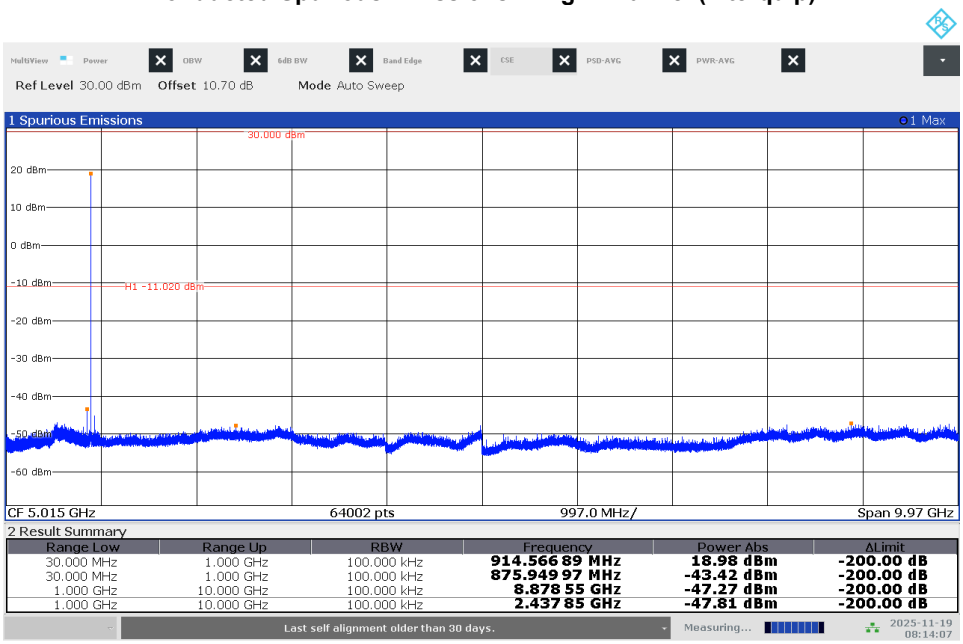
08:34:02 AM 11/19/2025

Conducted Spurious Emissions – Mid Channel (Interquip)

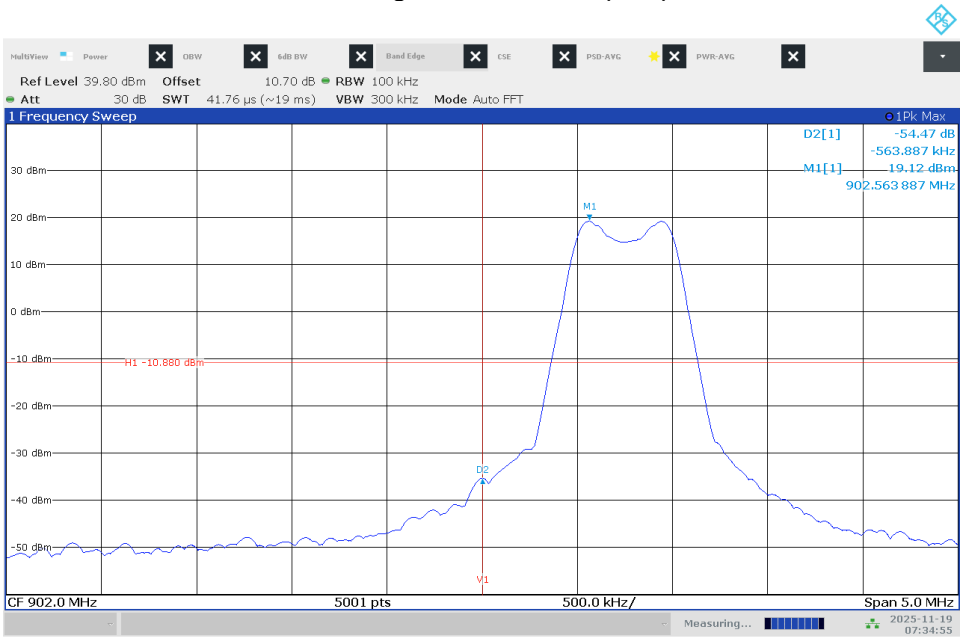


08:19:53 AM 11/19/2025

Conducted Spurious Emissions – High Channel (Interquip)

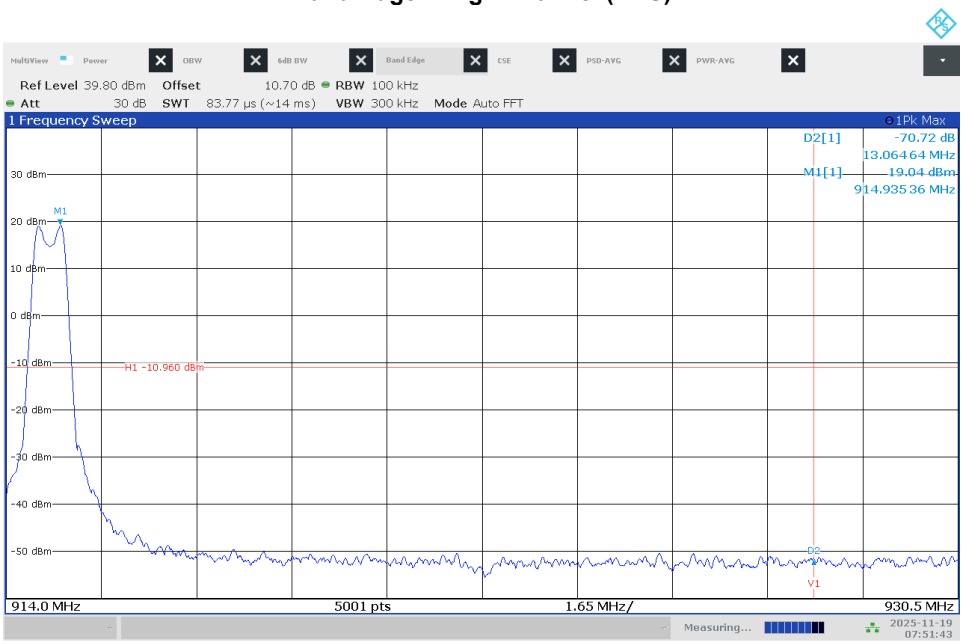


Band Edge – Low Channel (KDS)



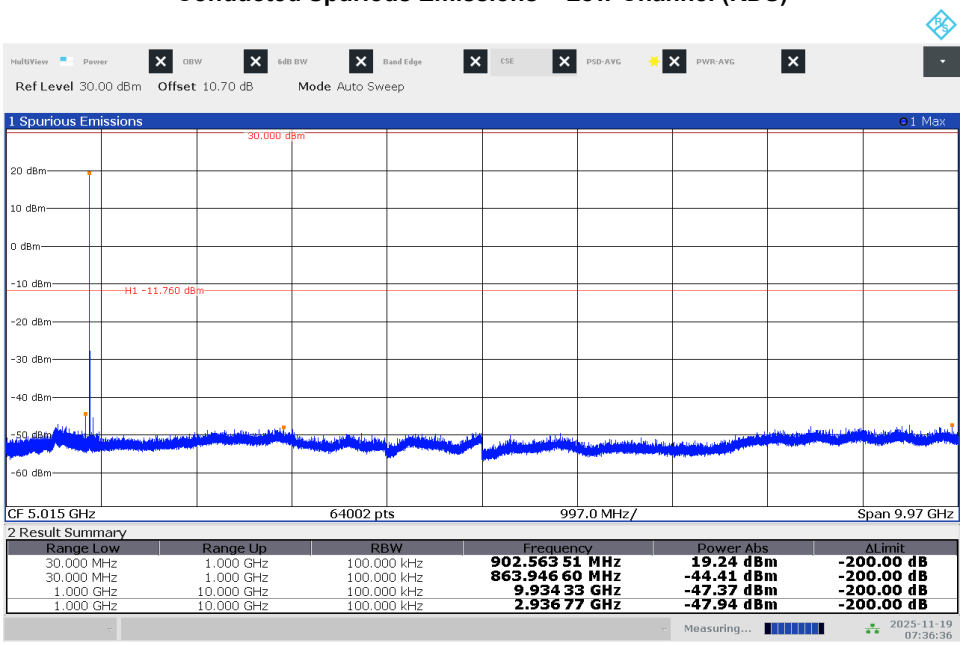
Frequency	Measurement (dBc)	Limit (dBc)	Result
902.000MHz	-54.47	-30	Compliant

Band Edge – High Channel (KDS)

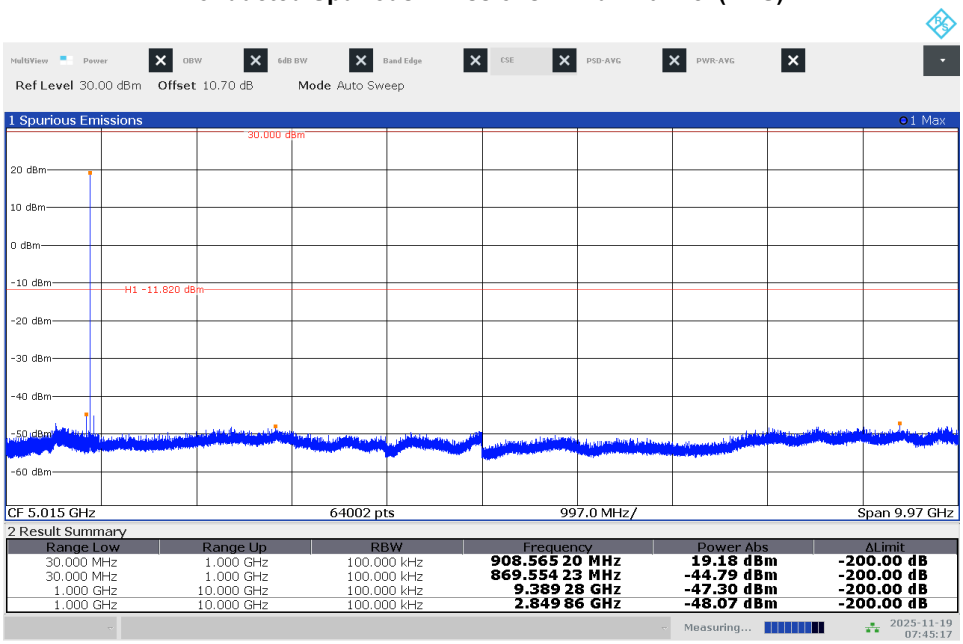


Frequency	Measurement (dBc)	Limit (dBc)	Result
928.000MHz	-70.72	-30	Compliant

Conducted Spurious Emissions – Low Channel (KDS)

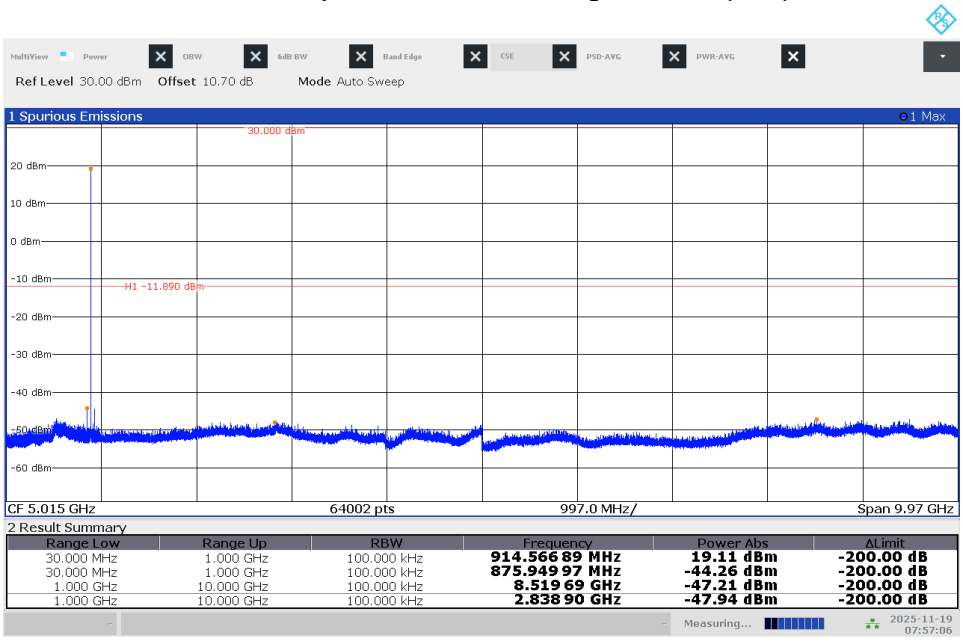


Conducted Spurious Emissions – Mid Channel (KDS)



07:45:17 AM 11/19/2025

Conducted Spurious Emissions – High Channel (KDS)



07:57:07 AM 11/19/2025

Note: No spurious emissions were within 30dB of the applicable limit

Test Personnel:	Jeremy Pickens	Test Date:	19 November 2025
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	21.8ºC
Product Standard:	ANSI C63.10	Relative Humidity:	45.2%
Input Voltage:	3.65Vdc	Atmospheric Pressure:	98.4kPa

9 Radiated Spurious Emissions / Restricted Frequency Bands

9.1 Method

Tests were performed in accordance with ANSI C63.10. The EUT was tested at a height of 0.8m for measurements below 1GHz and at 1.5 meters for measurements above 1GHz.

TEST SITE: 10 Meter Chamber

10 Meter Semi-Anechoic Chamber The test site for radiated emissions is located at 1950 Evergreen Blvd, Suite 100, Duluth, Georgia 30096. It is a 10-meter semi-anechoic chamber manufactured by Panashield. Embedded in the floor is a 3-meter diameter turntable.

Sample Calculation

The field strength was calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CF - AG

Where FS = Field Strength in dBμV/m
RA = Receiver Amplitude (including preamplifier) in dBμV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB
AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows.
Assume a receiver reading of 52.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dBμV/m. This value in dBμV/m was converted to its corresponding level in μV/m.

FS = 32 dBμV/m
RA = 52.0 dBμV
CF = 1.6 dB
AF = 7.4 dB/m
AG = 29.0 dB

To convert from dBμV to μV or mV the following was used

$UF = 10^{(NF / 20)}$ where UF = Net Reading in μV
NF = Net Reading in dBμV

Example

FS = RA + AF + CF – AG = 52.0 + 7.4 + 1.6 – 29.0 = 32.0dBμV/m
$UF = 10^{(32\ dB\mu V/m\ /\ 20)}$ = 39.8 μV/m

9.2 Test Equipment

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
200074	Preamplifier, 10 MHz to 2000 MHz	Mini-Circuits	ZKL-2	D011105	1/24/2025	01/24/2026
200162	EMI Receiver (20Hz-40GHz)	Rohde & Schwarz	ESU 40	100314	10/7/2025	10/07/2026
211262	Controller - Turntable and Mast	Sunol	SC99V	SC99V-1	VBU	VBU
211264	Mast - Antenna	Sunol	TWR95	NNN2	VBU	VBU
212166	Barometric Pressure/Humidity Datalogger	Extech	SD700	110392	4/2/2025	04/02/2026
213073	Antenna positioning tower	Sunol	TLT2	040314-5	VBU	VBU
213103	1GHz High Pass Filter	Micro-Tronics	HPM50108	140	6/18/2025	06/18/2026
213365	PreAmplifier 100Hz-30MHz	Com-Power	PAL-010	181492	06/18/2025	06/18/2026
213451	Omni -directional Comb Generator	Com-Power	CGO-520	281266	VBU	VBU
213453	Preamplifier 500MHz-18GHz	Com-Power	PAM-118A	18040030	10/20/2025	10/20/2026
213058A	Antenna, Horn, <18 GHz	A.H. Systems	SAS-200/571	246	4/3/2025	04/03/2026
MM5	RF Coax Cable 9KHz-18GHz	Maury Microwave	UC-N-MM78	1514381	04/01/2025	04/01/2026
MM8	RF Coax Cable 9kHz-18GHz	Maury Microwave	UC-N-MM-267	1635289	6/18/2025	06/18/2026
MM36	RF Coax Cable 9kHz-18GHz	Maury Microwave	UC-N-MM36	16 32 10	06/18/2025	06/18/2026
MP10	RF Coax Cable 9KHz-18GHz	Fairview Microwave	FMCA1282-394	MP10	6/18/2025	06/18/2026
MP12	RF Coax Cable 9KHz-18GHz	Fairview Microwave	SCE180060505-700CM	MP12	1/23/2025	01/23/2026
MP14	RF Coax Cable 9kHz-18GHz	Megaphase	EC29-N1N1-276-H	20938802	9/19/2025	09/19/2026
NYM-EMC-36	Antenna, Loop, Passive (10 kHz - 30 MHz)	EMCO	6512	9810-1228	07/14/2025	07/14/2026

Software Utilized

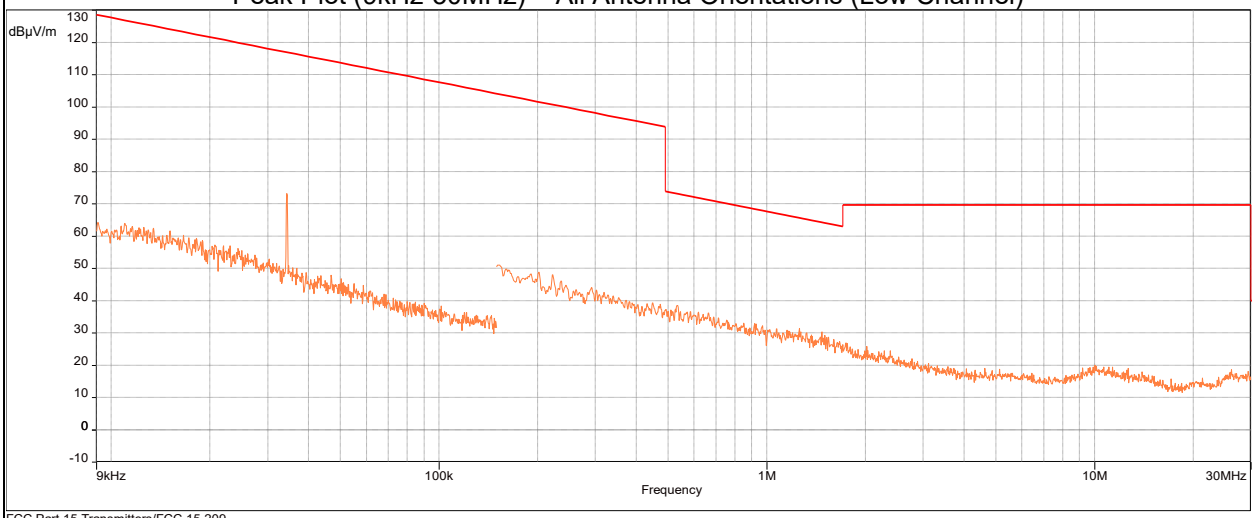
Name	Manufacturer	Version
BAT EMC	NEXIO	3.19.1.18

9.3 Results

The sample tested was found to Comply.

9.4 Plots/Data – Spurious Emissions

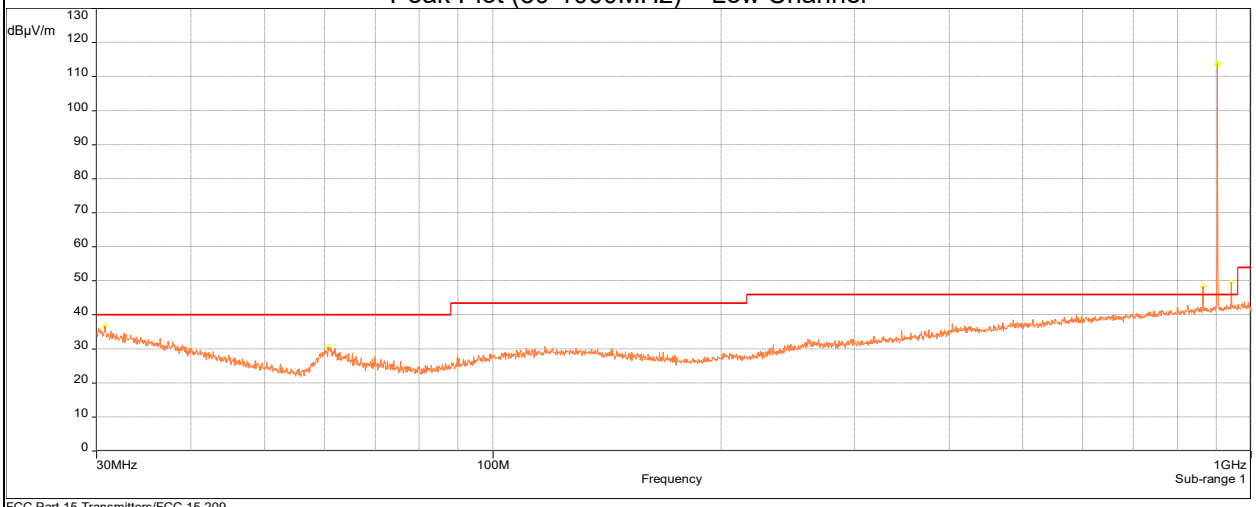
Peak Plot (9kHz-30MHz) – All Antenna Orientations (Low Channel)



FCC Part 15 Transmitters/FCC 15.209

Note: The emissions profile below 30MHz did not change among channels – worst-case Power/PSD reported.

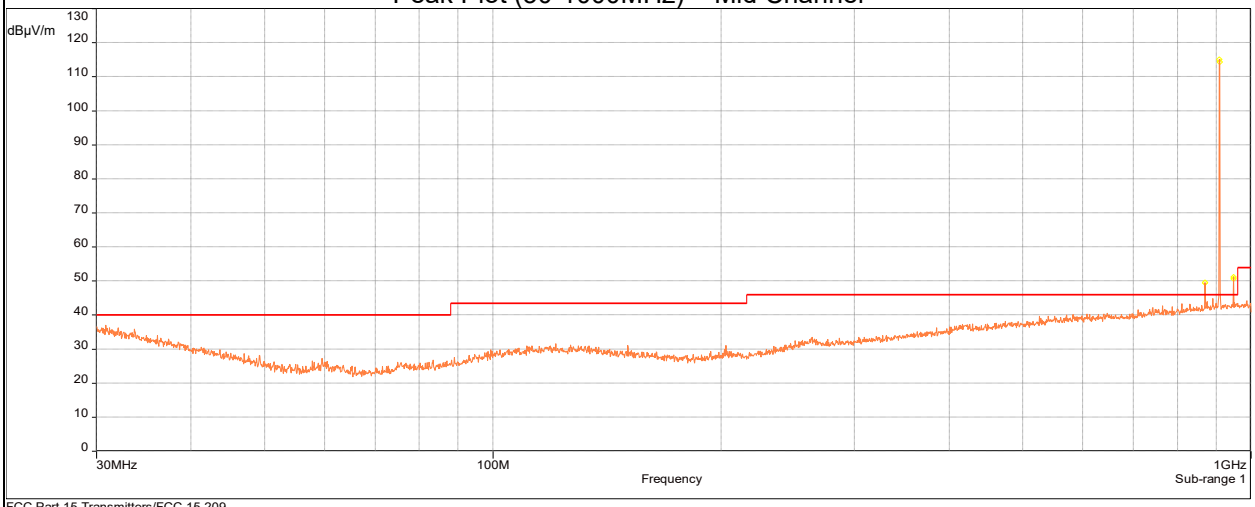
Peak Plot (30-1000MHz) – Low Channel



FCC Part 15 Transmitters/FCC 15.209

Note: Spurs above and below the fundamental were not in restricted bands.

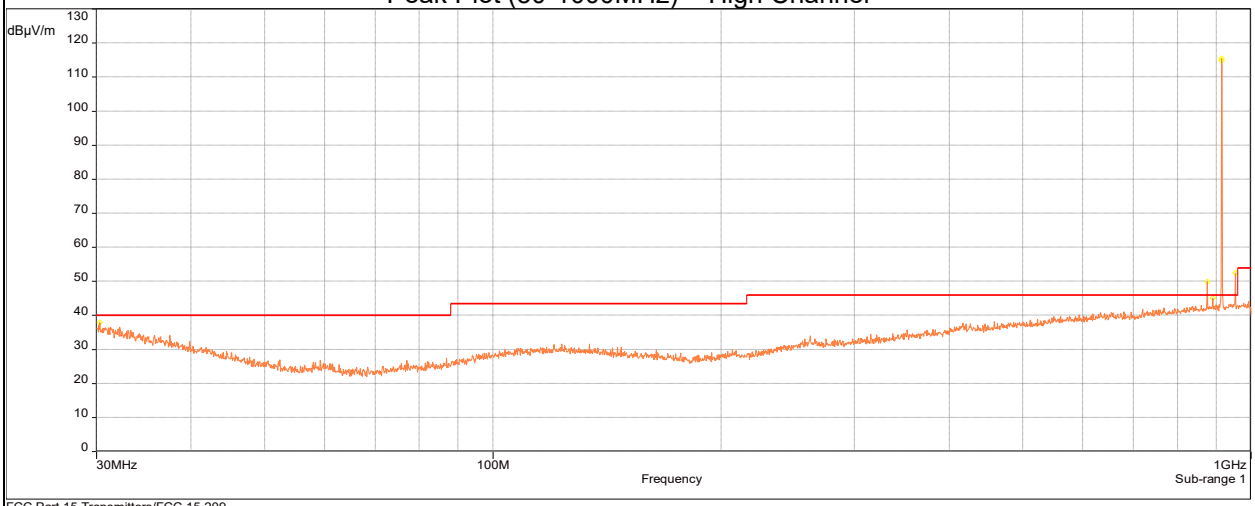
Peak Plot (30-1000MHz) – Mid Channel



FCC Part 15 Transmitters/FCC 15.209

Note: Spurs above and below the fundamental were not in restricted bands.

Peak Plot (30-1000MHz) – High Channel



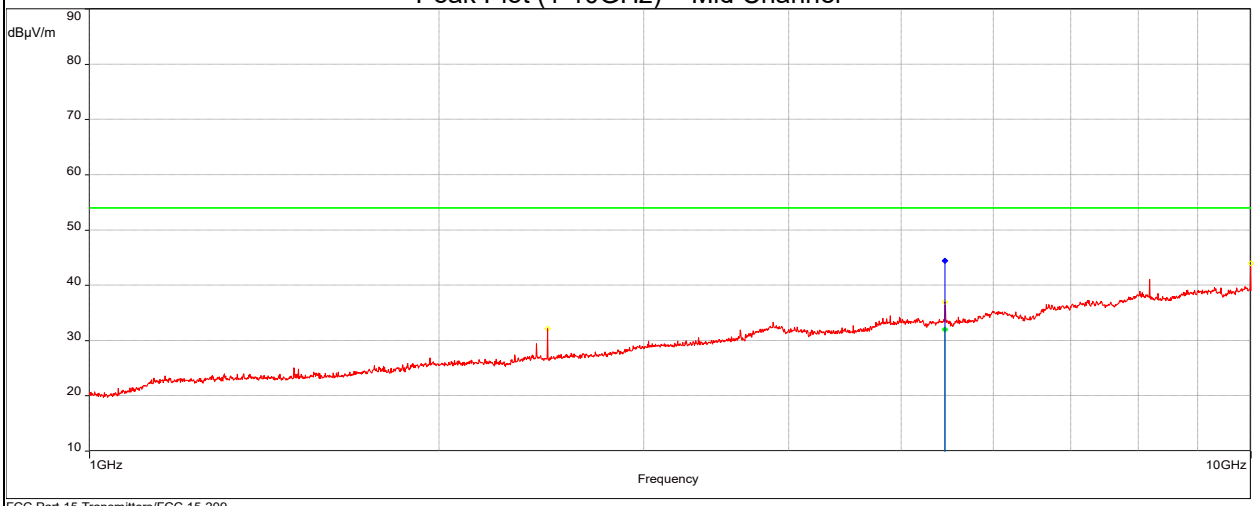
FCC Part 15 Transmitters/FCC 15.209

Note: Spurs above and below the fundamental were not in restricted bands.

Peak Plot (1-10GHz) – Low Channel

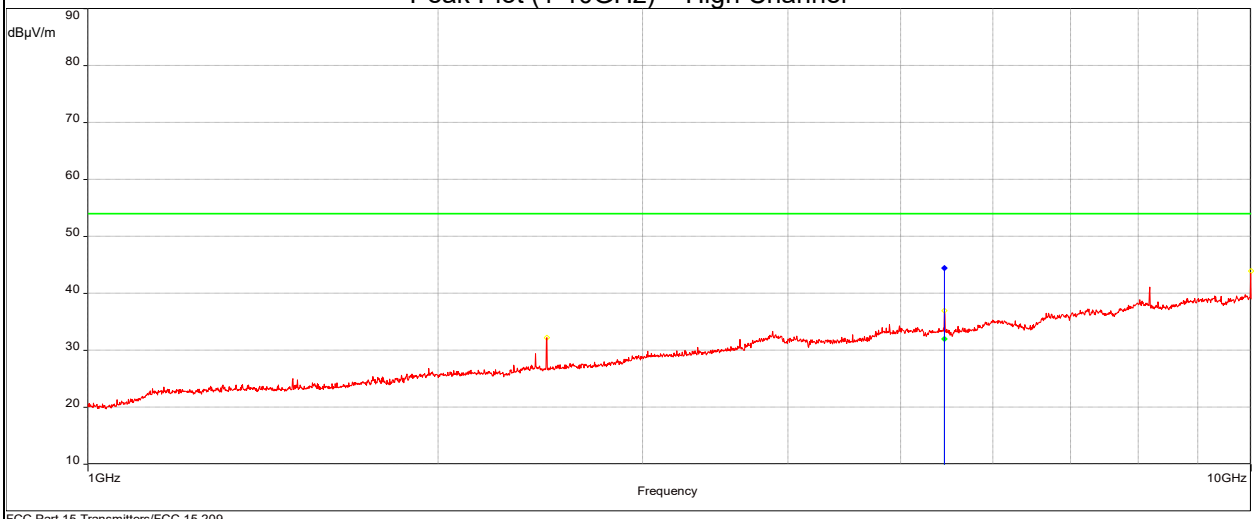
FCC Part 15 Transmitters/FCC 15.209

Peak Plot (1-10GHz) – Mid Channel



FCC Part 15 Transmitters/FCC 15.209

Peak Plot (1-10GHz) – High Channel



FCC Part 15 Transmitters/FCC 15.209

Tabular Data (1-10GHz)

Peak

Frequency (MHz)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Peak Margin (dB)	Azimuth (°)	Height (m)	Polarity	RBW (MHz)	Correction (dB)
Low Channel (902.75MHz)								
2707.690	38.64	74	-35.36	177	2.8	Vertical	1	-9.41
Mid Channel (908.75MHz)								
5452.572	44.42	74	-29.58	94	2.72	Vertical	1	-3.73
High Channel (914.75MHz)								
5488.382	44.42	74	-29.58	94	2.72	Vertical	1	-3.73

Average

Frequency (MHz)	AVG Level (dBµV/m)	AVG Limit (dBµV/m)	AVG Margin (dB)	Azimuth (°)	Height (m)	Polarity	RBW (MHz)	Correction (dB)
Low Channel (902.75MHz)								
2707.690	27.04	54	-26.96	177	2.8	Vertical	1	-9.41
Mid Channel (908.75MHz)								
5452.572	32.04	54	-21.96	94	2.72	Vertical	1	-3.73
High Channel (914.75MHz)								
5488.382	24.58	54	-29.42	246	1.39	Vertical	1	-9.61

Test Personnel: Jeremy Pickens
Test Date: 20-21 November 2025
Supervising/Reviewing Engineer: (Where Applicable)
Product Standard: ANSI C63.10
Limit Applied: 15.209
Input Voltage: 3.65Vdc
Pretest Verification w/ Ambient Signals or BB Source: BB
Ambient Temperature: 21.8 – 22.0ºC
Relative Humidity: 44.2 – 44.9%
Atmospheric Pressure: 98.3 – 98.4kPa

Deviations, Additions, or Exclusions: None

10 Measurement Uncertainty

Parameter	Expanded Uncertainty for Normal k factor equal to 2
Radio Frequency	0.07
Total RF Power (Conducted)	0.65
Power Density (Conducted)	0.65
RF Spurious (Conducted)	1.8 dB
Radiated Emissions (9kHz-30MHz)	4.7 dB
Radiated Emissions (30MHz-1GHz)	4.1 dB
Radiated Emissions (1GHz-18GHz)	4.5dB
Radiated Emissions (18GHz-40GHz)	4.7 dB
AC Line Conducted Emissions	2.8 dB
Temperature	0.7°
Humidity	3.9%

11 Revision History

Revision Level	Date	Report Number	Prepared By	Reviewed By	Notes
0	18 February 2026	106310015ATL-005	JOP	MC	Original Issue

END OF REPORT