ITRON, INC.
TEST REPORT

SCOPE OF WORK
RADIO TESTING – RIVA HW 4.1 METER MODULE C2PC (DTS)

REPORT NUMBER
106366295ATL-002

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23 January 2026

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RADIO TEST REPORT

Report Number:	**106366295ATL-002**
Project Number:	**G106366295**
Report Revision Date:	**16 December 2025**
Model(s) Tested:	**ACT2**
FCC ID:	**SK9ACT2**
IC:	**864G-ACT2**
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**

Test Location

Intertek
1950 Evergreen Blvd., Suite 100
Duluth, GA 30096 USA
FCC Designation: US1046
CAB Designator: US0128

Client

Itron Inc.
313 North Hwy 11
West Union, SC 29696-2706 USA

Report prepared by

Jeremy Pickens / Senior Staff Engineer

Report reviewed by

Uri Spector / Sr. EMC 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 S6.3.1(a) RSS-GEN S6.7	Compliant
6	Peak Output Power	15.247(b)(3)	RSS-247 S6.3.2	Compliant
7	Power Spectral Density	15.247(e)	RSS-247 S6.3.1(b)	Compliant
8	Conducted Spurious Emissions / Band Edge	15.247(d)	RSS-247 S6.6	Compliant
9	Radiated Spurious Emissions	15.247(d) 15.205(a), 15.209(a)	RSS-GEN S8.9-8.10	Compliant
NA	AC Conducted Emissions	15.207	RSS-GEN S8.8	NS[1]
NA	Antenna Requirement	15.203	RSS-GEN S6.8	Compliant[1]

1) There have been no hardware changes since the initial module certification.
2) The antenna is a ¼ Wave Embedded Slot Antenna which is not removable by the end user.

3 Client Information

This evaluation was performed at the request of:

Client: Itron Inc.
313 North Hwy 11
West Union, SC 29696-2706 USA

Contact: Christopher O'Steen

Email: christopher.o'steen@itron.com

4 Description of Equipment Under Test and Variant Models

Manufacturer: Itron Inc.
313 North Hwy 11
West Union, SC 29696-2706 USA

Equipment Under Test			
Description	**Manufacturer**	**Model Number**	**Serial Number**
Electricity Meter Module	Itron, Inc.	ACT2	105100513370

Receive Date:	28 October 2025
Received Condition:	Good
Type:	Production

Description of Equipment Under Test (provided by client)
The Itron ACT2 is an electricity metering module which includes a 902.3 to 927.6MHz transmitter as well as 2.4GHz WLAN. The module operates on 24Vdc which is supplied by a host device.

Certification Purpose
Class 2 Permissive Change: Itron has added additional data rates and modulations to the existing certification.

Radio/Receiver Characteristics	
Frequency Range / Number of Channels	FSK/50kbps: 902.4 – 927.6MHz, 64 Channels[1] FSK/100kbps: 902.3 – 926.9MHz, 83 Channels[2] FSK/150kbps: 902.3 – 926.9MHz, 64 Channels1 DSS/12.5kbps: 902.4 – 927.6MHz, 64 Channels[1] GFSK/150kbps: 902.3 – 926.9MHz, 83 Channels[2] GFSK/200kbps: 902.3 – 926.9MHz, 83 Channels[2] GFSK/300kbps: 902.4 – 927.6MHz, 64 Channels[2] OFDM/200kbps: 902.4 – 927.6MHz, 64 Channels[1] OFDM/600kbps: 902.4 – 927.6MHz, 64 Channels[1] Hybrid OFDM/1200kbps: 902.8 – 926.8MHz, 31 Channels[1] DTS OFDM/1200kbps: 903.2 – 926.0MHz, 20 Channels DTS OFDM/2400kbps: 903.2 – 926.0MHz, 20 Channels
Data Rate / Modulation Type(s)	DSS: 12.5kbps FSK: 50kbps/100kbps/150kbps GFSK: 150kbps/200kbps/300kbps OFDM: 200kbps/600kbps/1200kbps/2400kbps
Channel Separation:	DSS: 12.5kbps / FSK: 50kbps/150kbps / GFSK: 300kbps / OFDM: 200kbps/600kbps (400kHz) FSK: 100kbps / GFSK: 150kbps/200kbps (300kHz) Hybrid OFDM: 1200kbps (800kHz) DTS OFDM: 1200kbps/2400kbps (1200kHz)
Maximum Conducted Output Power:	29.47dBm
Equipment Type	Single Module
Antenna Type and Gain	¼ Wave Embedded Slot Antenna (2.5dBi) (Provided by Itron - Intertek takes no responsibility for the accuracy of this information.)

1) Previously certified data rates and channel usages
2) Note the FHSS (DSS) operations results are reported in a separate test report.

Software

No.	Description of EUT Software
1	MPU Firmware: Rel 10.9.507

4.1 Justification

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

For this evaluation, limited testing was performed to address the addition of new data rates and channel spacings. This report is specific to the OFDM 1200k and 2400k DTS operations.

For antenna port measurements, the ACT2 was directly connected to the test instruments using a u.fl to SMA adapter cable. The module was powered by a regulated 24V DC supply and transmit test commands were sent via the WiFi interface to the radio.

For radiated emission measurements the DUT was placed on a non-conductive platform (80cm or 1.5meters depending on the frequency range. The EUT was tested at low, mid, and high channels with the module oriented in three different axes. The test modes for all modulations produced a 100% duty cycle. The worst-case data is reported. The worst-case data is reported.

Software Setting for Power: 20dBm

The OFDM 2400kbps data rate was used as the worst-case modulation during radiated spurious emissions measurements.

4.2 Modifications Required for Compliance

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

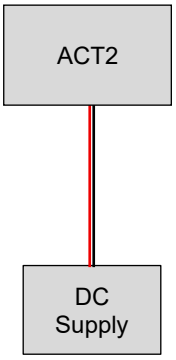
4.3 Additions, Deviations and Exclusions from Standards

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

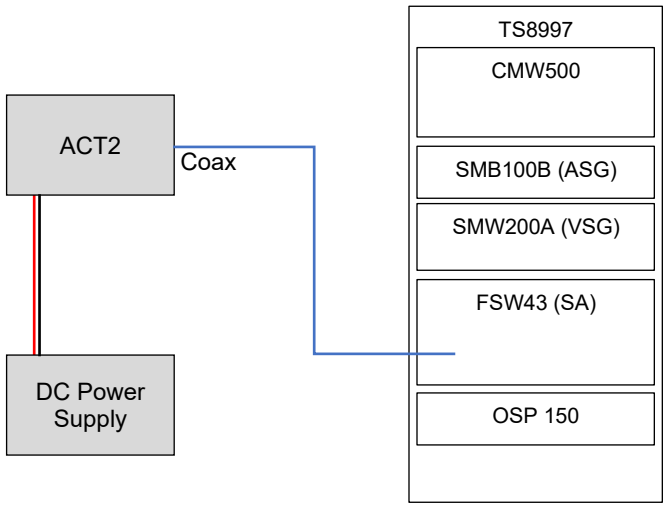
4.4 Method

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	Huber+Suhner	RF Test Cable	Enviroflex 400	213506-02	VBU	VBU
213507-20	Tojoin	20dB SMA Attenuator	20dB	241123	VBU	VBU

Software Utilized

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

5.3 Test Data

Modulation / Data Rate	Frequency (MHz)	6dB Bandwidth (kHz)	99% OBW (kHz)	Result
1200kbps / OFDM	903.2	1093.9	1137.92	Reported
1200kbps / OFDM	914.0	1113.9	1127.77	Reported
1200kbps / OFDM	926.0	1088.9	1140.05	Reported
2400kbps / OFDM	903.2	1073.9	1132.33	Reported
2400kbps / OFDM	914.0	1098.9	1137.42	Reported
2400kbps / OFDM	926.0	1113.9	1129.49	Reported

Sample Plot - 6dB Bandwidth (2400kbps LCH)

Sample Plot - 99% Occupied Bandwidth (1200kbps HCH)

Test Personnel:	Jeremy Pickens	Test Date:	28 October 2025
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	19.6ºC
Product Standard:	ANSI C63.10	Relative Humidity:	43.2%
Input Voltage:	24Vdc	Atmospheric Pressure:	98.1kPa

6 Peak Output Power

6.1 Method

The procedures from ANSI C63.10 Clause 11.9.1 were used to measure the peak 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	Huber+Suhner	RF Test Cable	Enviroflex 400	213506-02	VBU	VBU
213507-20	Tojoin	20dB SMA Attenuator	20dB	241123	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.

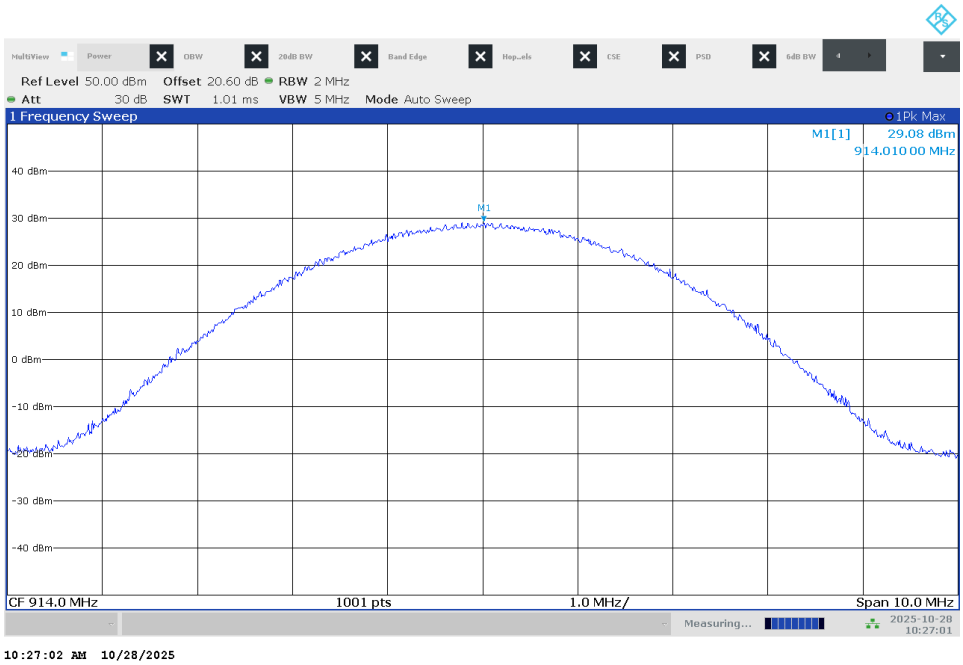
6.4 Test Data

Mode	Frequency (MHz)	Peak Power (dBm)	Limit (dBm)	Result
1200kbps / OFDM	903.2	28.54	30	Pass
1200kbps / OFDM	914.0	28.87	30	Pass
1200kbps / OFDM	926.0	28.45	30	Pass
2400kbps / OFDM	903.2	28.61	30	Pass
2400kbps / OFDM	914.0	29.08	30	Pass
2400kbps / OFDM	926.0	28.73	30	Pass

Mode	Frequency (MHz)	Conducted Peak Power	Antenna Gain (dBi)	EIRP (dBm)	IC EIRP Limit (dBm)	Result
1200kbps / OFDM	903.2	28.54	2.5	31.04	36	Pass
1200kbps / OFDM	914.0	28.87	2.5	31.37	36	Pass
1200kbps / OFDM	926.0	28.45	2.5	30.95	36	Pass
2400kbps / OFDM	903.2	28.61	2.5	31.11	36	Pass
2400kbps / OFDM	914.0	29.08	2.5	31.58	36	Pass
2400kbps / OFDM	926.0	28.73	2.5	31.23	36	Pass

EIRP = Peak Power + Antenna Gain

Sample Plot



Test Personnel:	Jeremy Pickens	Test Date:	28 October 2025
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	19.6ºC
Product Standard:	ANSI C63.10	Relative Humidity:	43.2%
Input Voltage:	24Vdc	Atmospheric Pressure:	98.1kPa

7 Power Spectral Density

7.1 Method

The procedures from KDB 558074 D01 DTS Meas Guidance v05r2 and ANSI C63.10 Clause 11.10.2 were used to measure the peak 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	Huber+Suhner	RF Test Cable	Enviroflex 400	213506-02	VBU	VBU
213507-20	Tojoin	20dB SMA Attenuator	20dB	241123	VBU	VBU

Software Utilized

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

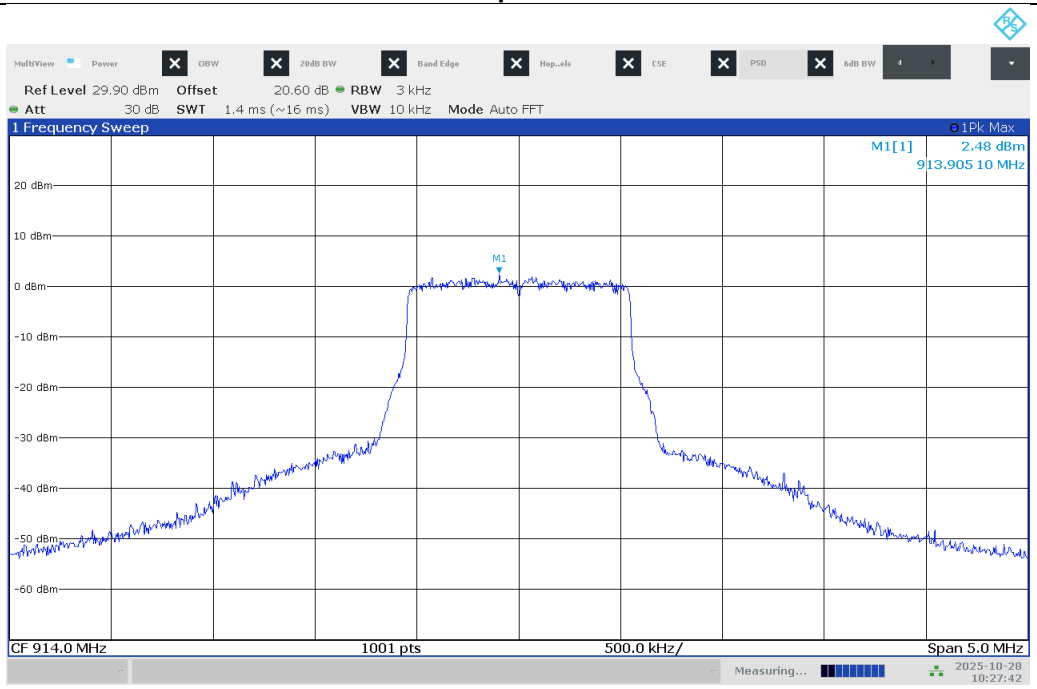
7.3 Results

The sample tested was found to Comply.

7.4 Test Data

Mode	Frequency (MHz)	Peak PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
1200kbps / OFDM	903.2	-0.07	8	Pass
1200kbps / OFDM	914.0	0.88	8	Pass
1200kbps / OFDM	926.0	0.34	8	Pass
2400kbps / OFDM	903.2	0.99	8	Pass
2400kbps / OFDM	914.0	2.48	8	Pass
2400kbps / OFDM	926.0	1.58	8	Pass

Sample Plot



Test Personnel:	Jeremy Pickens	Test Date:	28 October 2025
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	19.6ºC
Product Standard:	ANSI C63.10	Relative Humidity:	43.2%
Input Voltage:	24Vdc	Atmospheric Pressure:	98.1kPa

8 Conducted Spurious Emissions / Band Edge

8.1 Method

The procedures from ANSI C63.10 Clause 6.10 and 7.8.7 were used to measure the conducted spurious emissions and allocated band edges.

The limit is 20 dB below the measured peak power in any 100kHz band.

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	Huber+Suhner	RF Test Cable	Enviroflex 400	213506-02	VBU	VBU
213507-20	Tojoin	20dB SMA Attenuator	20dB	241123	VBU	VBU

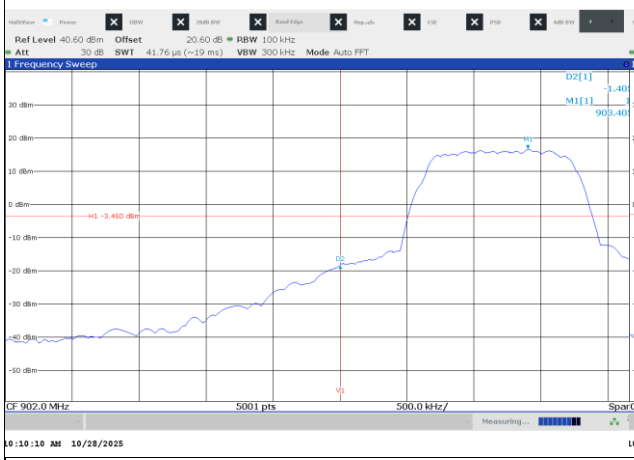
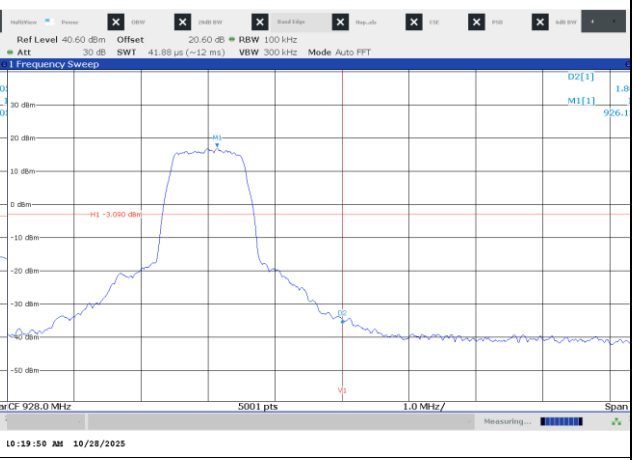
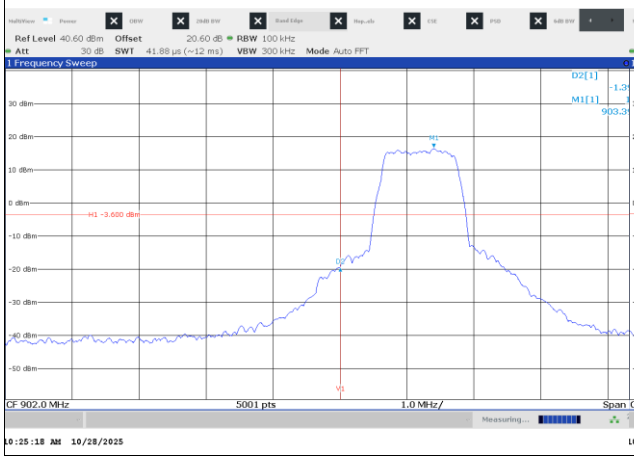
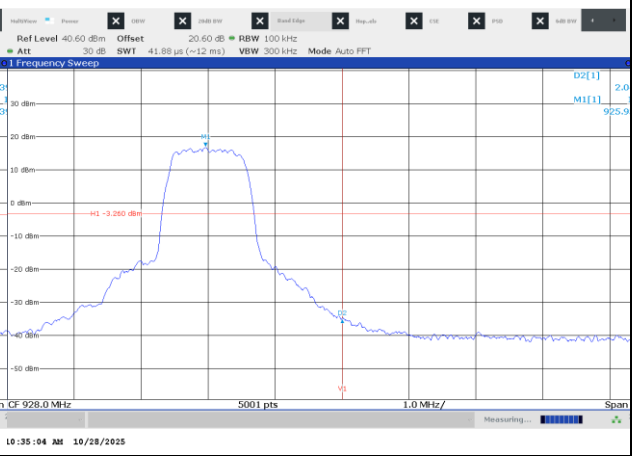
Software Utilized

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

8.3 Results

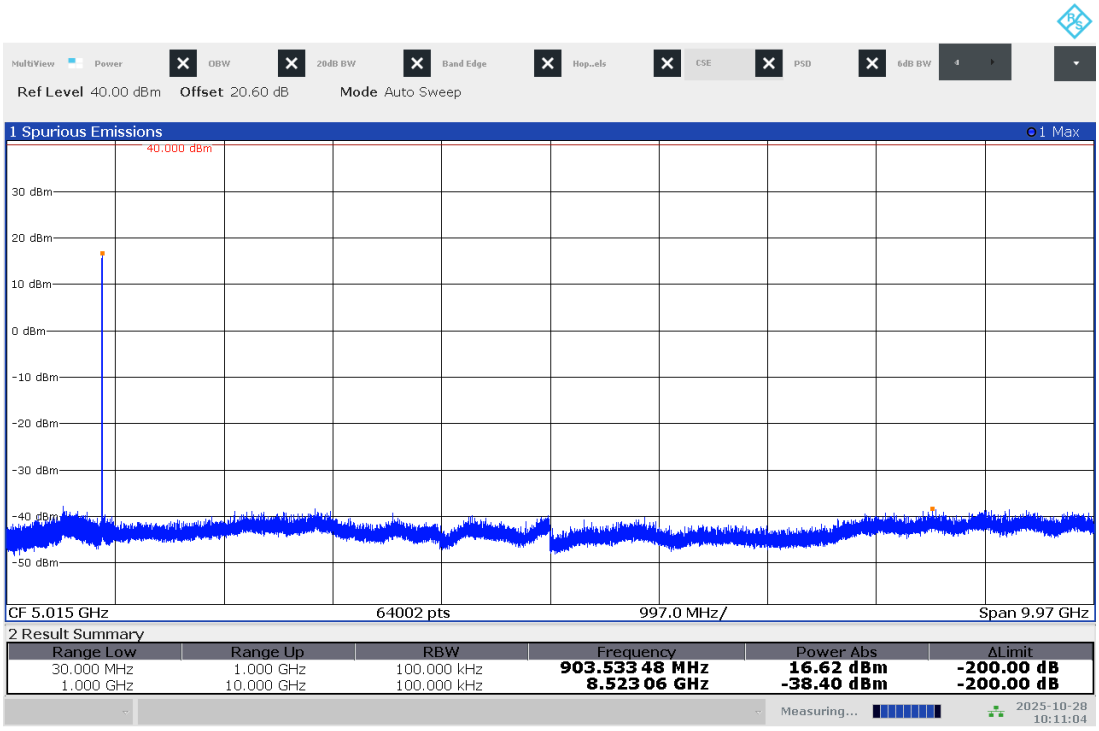
The sample tested was found to Comply.

8.4 Plots – Band Edges

OFDM 1200kbps	
LCH	HCH
	
OFDM 2400kbps	
LCH	HCH
	

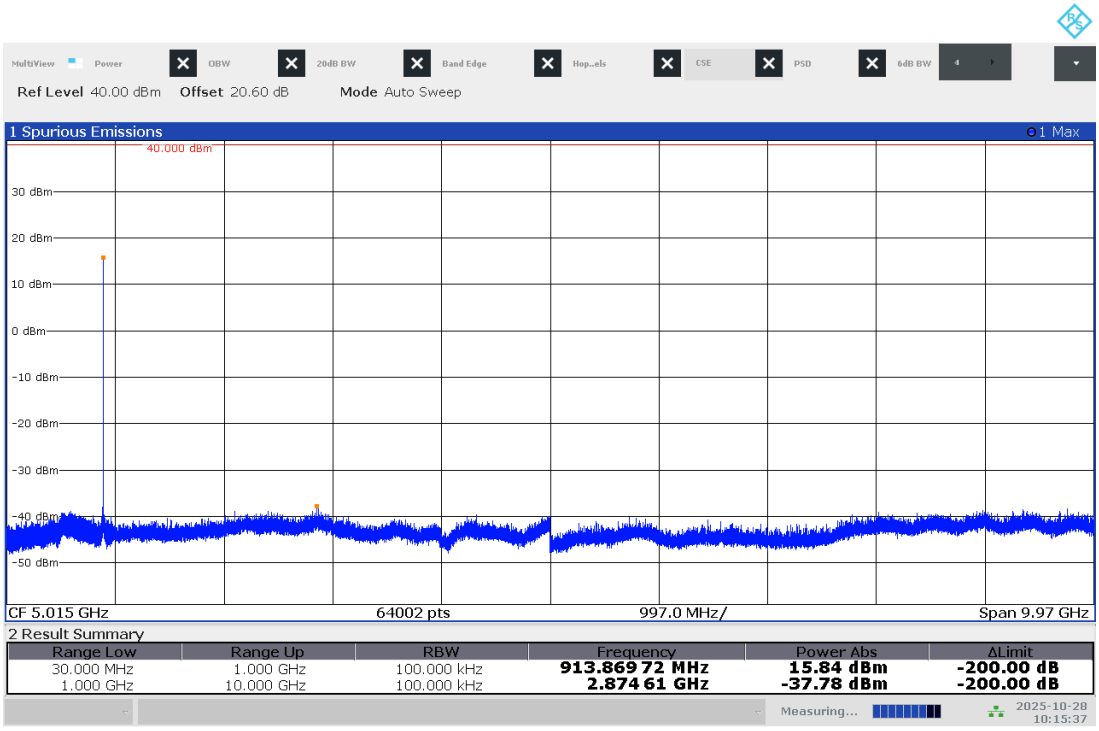
8.5 Test Data – Conducted Spurious

OFDM 1200kbps - LCH



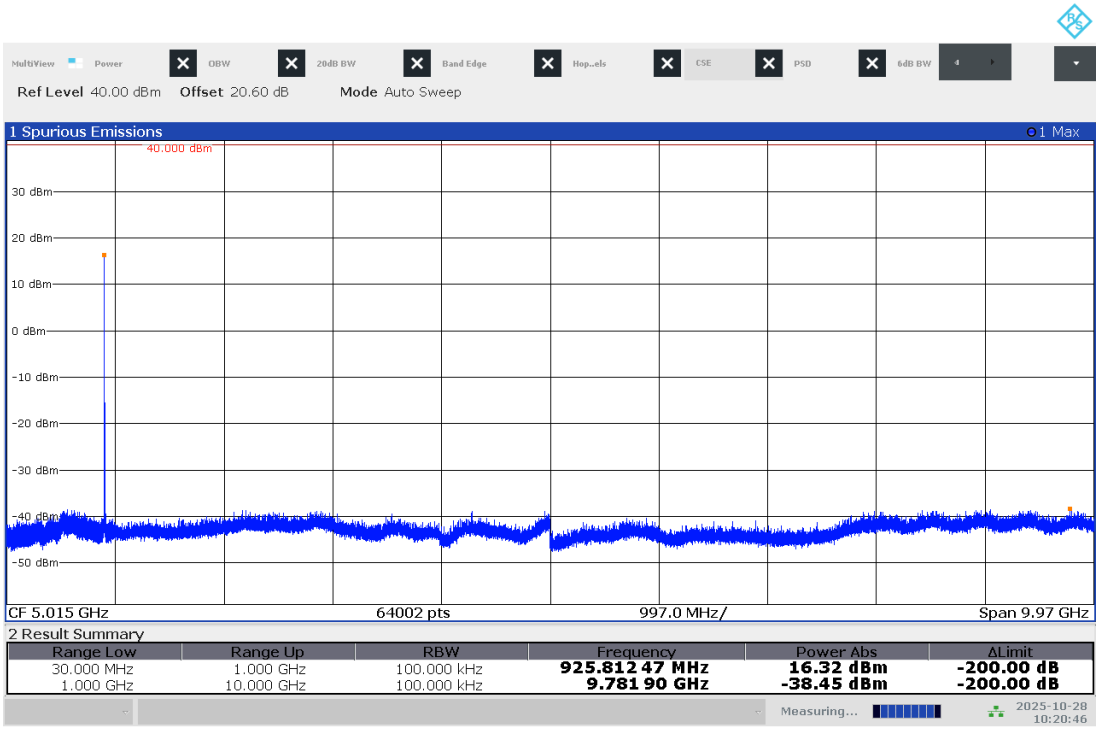
10:11:04 AM 10/28/2025

OFDM 1200kbps - MCH



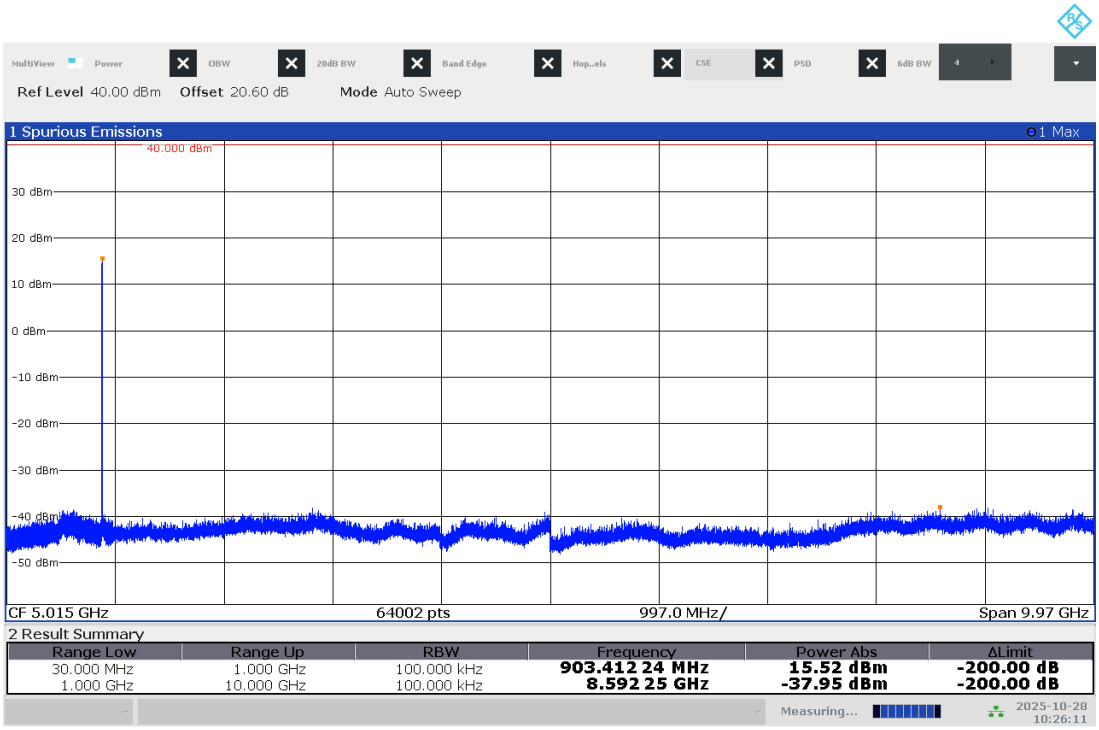
10:15:38 AM 10/28/2025

OFDM 1200kbps - HCH



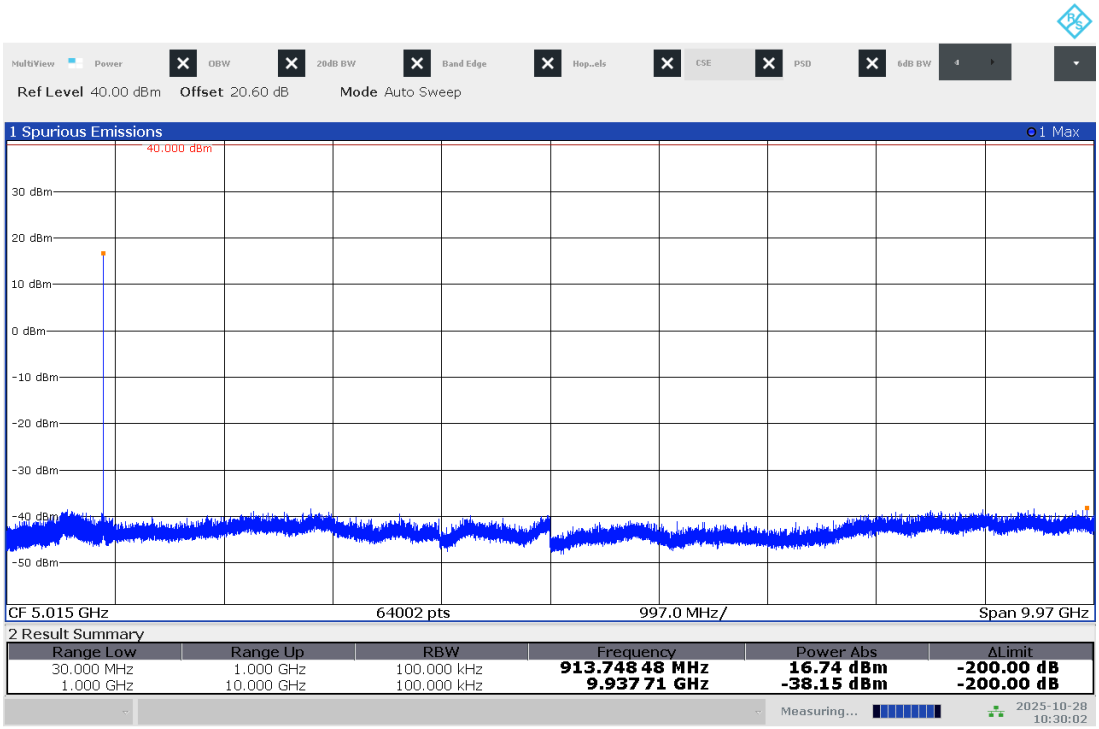
10:20:47 AM 10/28/2025

OFDM 2400kbps - LCH



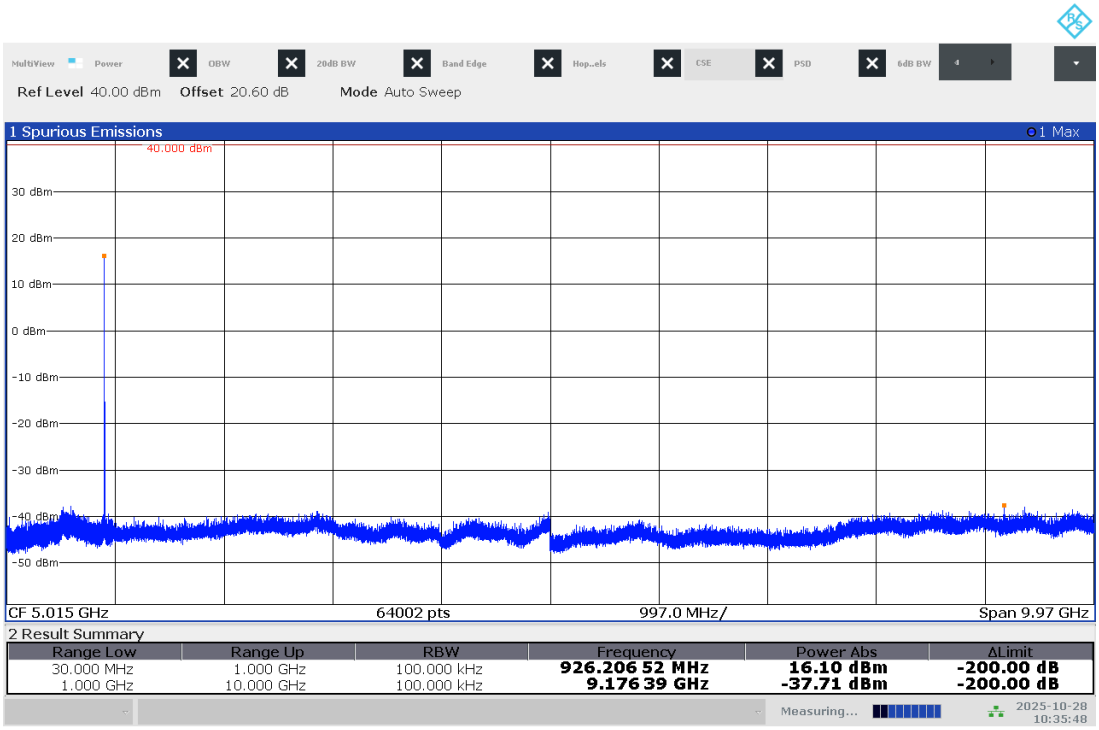
10:26:11 AM 10/28/2025

OFDM 2400kbps - MCH



10:30:03 AM 10/28/2025

OFDM 2400kbps - HCH



10:35:49 AM 10/28/2025

8.6 Tabular Data – Band Edges

Mode	TX Frequency (MHz)	Measured Frequency (MHz)	Measured Value (dBc)	Limit (dBc)	Margin (dB)	Result
OFDM 1200k	903.2	902	-34.70	-20	-14.70	Pass
OFDM 1200k	926.0	928	-51.44	-20	-31.44	Pass
OFDM 2400k	903.2	902	-35.76	-20	-15.76	Pass
OFDM 2400k	926.0	928	-51.65	-20	-31.65	Pass

Test Personnel:	Jeremy Pickens	Test Date:	28 October 2025
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	19.6ºC
Product Standard:	ANSI C63.10	Relative Humidity:	43.2%
Input Voltage:	24Vdc	Atmospheric Pressure:	98.1kPa

9 Radiated Spurious Emissions / Restricted Frequency Bands

9.1 Method

Tests were performed in accordance with ANSI C63.10.

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	Temperature/Pressure/Humidity Sensor	Extech	SD700	110392	4/2/2025	04/2/2026
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
213370	10dB Attenuator <18GHz	Centric RF	C18N5W-10	C18N5W-10-2	05/05/2025	05/05/2026
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-NM-36	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

Software Utilized

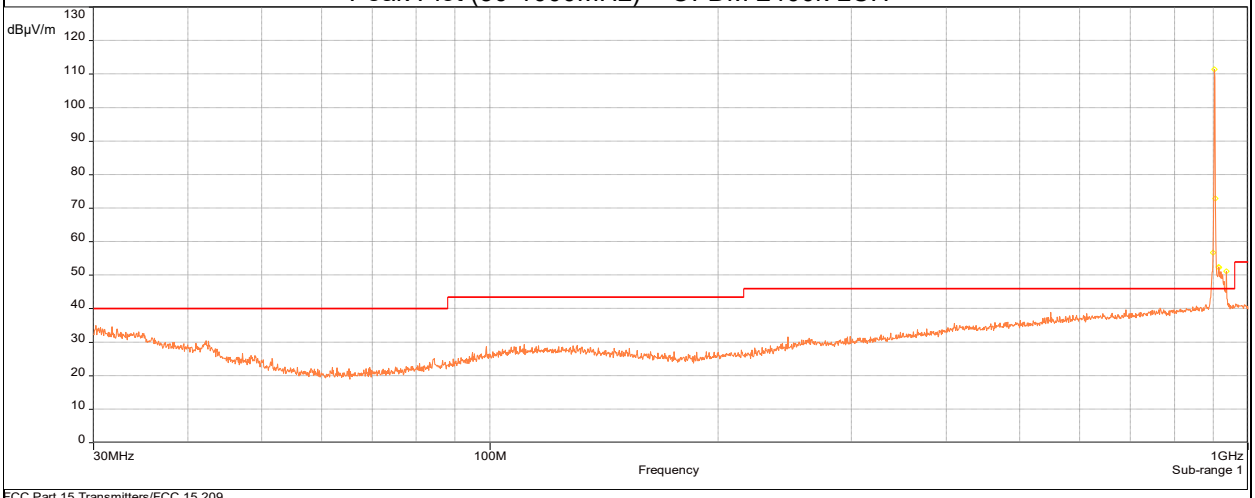
Name	Manufacturer	Version
BAT EMC	NEXIO	3.19.1.18

9.3 Results

The sample tested was found to Comply.

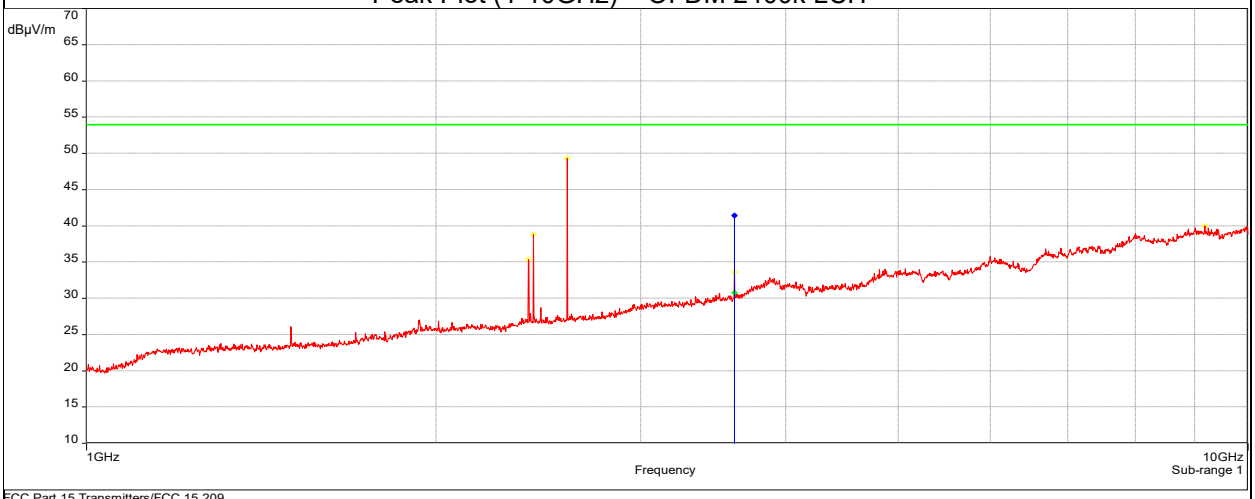
9.4 Plots/Data

Peak Plot (30-1000MHz) – OFDM 2400k LCH



FCC Part 15 Transmitters/FCC 15.209

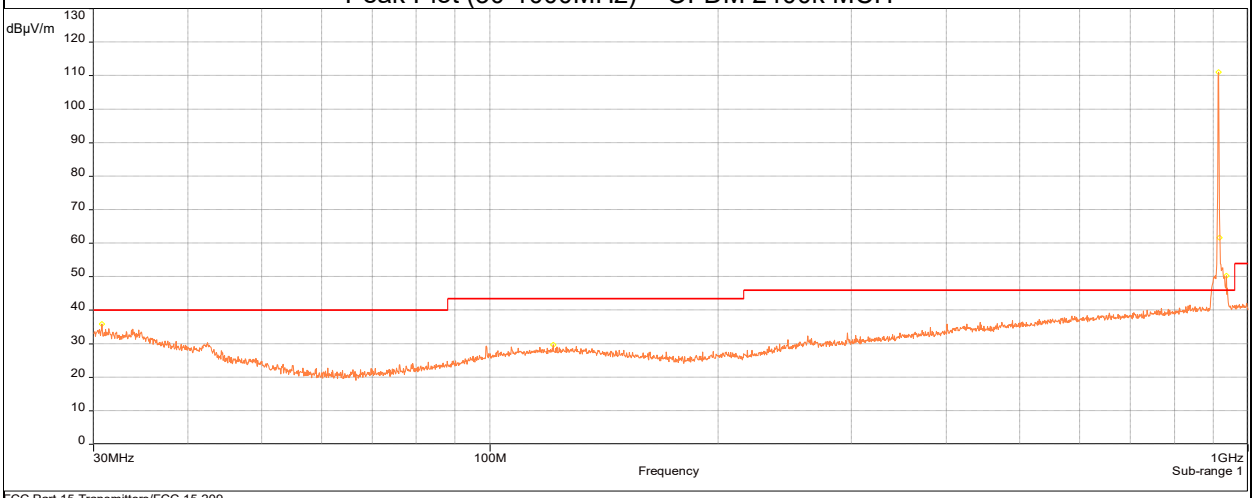
Peak Plot (1-10GHz) – OFDM 2400k LCH



FCC Part 15 Transmitters/FCC 15.209

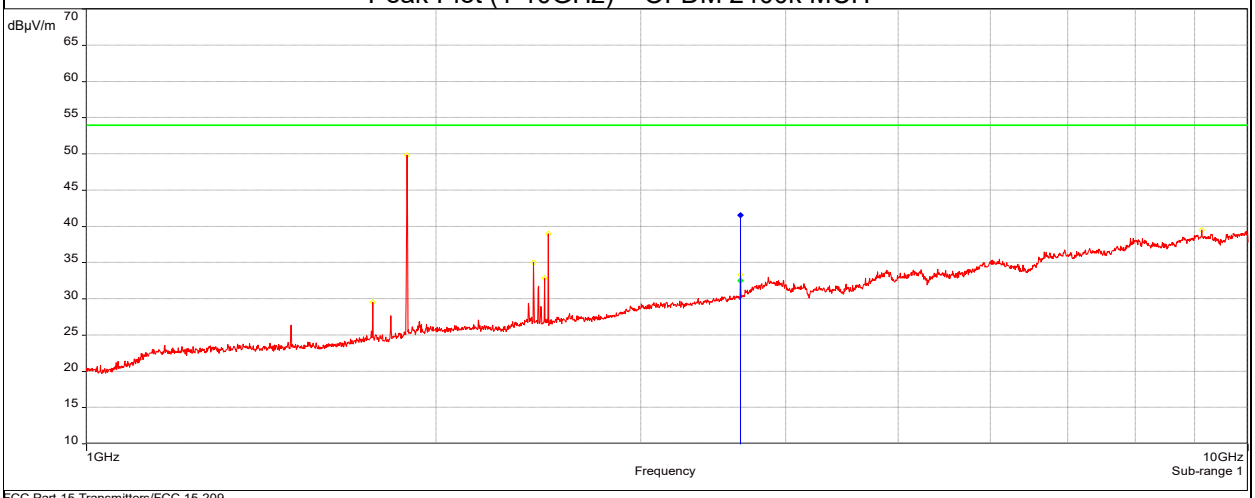
Note: Emissions in the 2.4GHz band were not associated with the DUT.

Peak Plot (30-1000MHz) – OFDM 2400k MCH



FCC Part 15 Transmitters/FCC 15.209

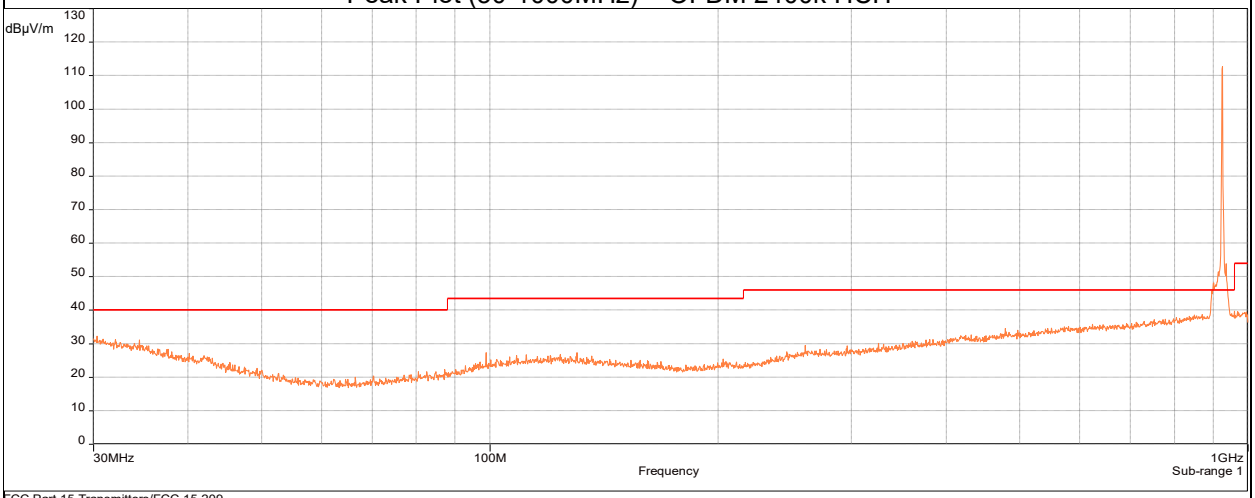
Peak Plot (1-10GHz) – OFDM 2400k MCH



FCC Part 15 Transmitters/FCC 15.209

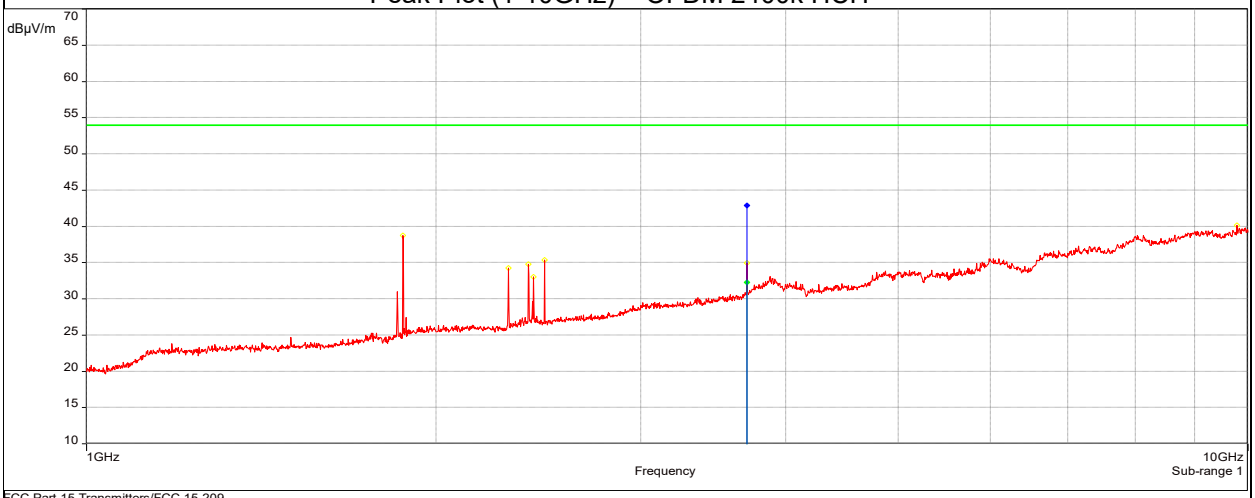
Note: The 2nd harmonic at 1824MHz was not in a restricted band

Peak Plot (30-1000MHz) – OFDM 2400k HCH



FCC Part 15 Transmitters/FCC 15.209

Peak Plot (1-10GHz) – OFDM 2400k HCH



FCC Part 15 Transmitters/FCC 15.209

Note: The 2nd harmonic at 1852MHz was not in a restricted band

Tabular Data

Peak

Frequency (MHz)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Peak Margin (dB)	Azimuth (°)	Height (m)	Polarity	RBW (MHz)	Correction (dB)
OFDM 2400k - LCH								
3612.801	41.45	74	-32.55	245	1.63	Horizontal	1	-7.68
OFDM 2400k - MCH								
3656.001	41.55	74	-32.45	225	2.25	Horizontal	1	-7.48
OFDM 2400k - HCH								
3704.001	42.91	74	-31.09	227	1.49	Horizontal	1	-7.15

Average

Frequency (MHz)	AVG Level (dBµV/m)	AVG Limit (dBµV/m)	AVG Margin (dB)	Azimuth (°)	Height (m)	Polarity	RBW (MHz)	Correction (dB)
OFDM 2400k - LCH								
3612.801	30.76	54	-23.24	245	1.63	Horizontal	1	-7.68
OFDM 2400k - MCH								
3656.001	32.52	54	-21.48	225	2.25	Horizontal	1	-7.48
OFDM 2400k - HCH								
3704.001	32.29	54	-21.71	227	1.49	Horizontal	1	-7.15

Test Personnel:	Jeremy Pickens	Test Date:	29-30 October 2025
Supervising/Reviewing Engineer: (Where Applicable)		v	
Product Standard:	ANSI C63.10	Limit Applied:	15.209
Input Voltage:	24Vdc		
Pretest Verification w/ Ambient Signals or BB Source:	BB	Ambient Temperature:	20.3 – 21.5ºC
		Relative Humidity:	43.2 – 45.8%
		Atmospheric Pressure:	98.1 – 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	Prepared By	Reviewed By	Notes
0	11 December 2025	JOP	US	Original Issue
1	16 December 2025	JOP	US	• Corrected modulation, channels, data rates table.
2	23 January 2026	JOP	US	• Updated ANSI C63.10 reference • Added cable and attenuator info in call conducted equipment tables • Added AC conducted emissions reference in summary table • Added statement of duty cycle in Section 4.1. • Correct ANS I Clause reference in Section 6.1

END OF REPORT