ASSA ABLOY INC.

TEST REPORT

SCOPE OF WORK
RADIO TESTING – ADA1028W2

REPORT NUMBER
106579497ATL-001

ISSUE DATE
04 June 2026

REVISED DATE
15 July 2026

PAGES
27

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

RADIO TEST REPORT

Report Number:	**106579497ATL-001**
Project Number:	**G106579497**
Revised Date:	**15 July 2026**
PMN:	**ADA1028W**
Model/HVIN:	**ADA1028W2**
FCC ID:	**U4A-ADA1028W2**
IC:	**6982A-ADA1028W2**
Standards:	**47 CFR Part 15 Subpart C, 15.231** **RSS-210, Issue 11** **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

ASSA ABLOY Inc.
110 Sargent Drive
PO Box 9725
New Haven, Connecticut 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	Bandwidth	15.215(c)	RSS-GEN S6.7	Compliant
6	Field Strength / Spurious Emissions	15.231(b) 15.209	RSS-210 A.1.4 RSS-GEN S8.9	Compliant
7	AC Mains Conducted Emissions	15.207	RSS-GEN S8.8	Compliant
7	Deactivation Time	15.231(a)(1)	RSS-210 A.1.2(a)	Compliant
NA	Antenna Requirement	15.203	RSS-GEN S6.8	Compliant[1]

1) The antenna is an integrated PCB antenna which is not removable by the end user.

3 Client Information

This evaluation was performed at the request of:

Client: ASSA ABLOY Inc.
110 Sargent Drive
PO Box 9725
New Haven, Connecticut USA

Contact: Tommy McNally

Email: tommy.mcnally@assaabloy.com

4 Description of Equipment Under Test and Variant Models

Manufacturer: ASSA ABLOY Inc.
110 Sargent Drive
PO Box 9725
New Haven, Connecticut USA

Equipment Under Test			
Description	**Manufacturer**	**Model Number**	**Serial Number**
Wireless Interface Module	ASSA ABLOY Inc	ADA1028W2	Not Labeled

Receive Date:	19 May 2026
Received Condition:	Good
Type:	Production

Description of Equipment Under Test (provided by client)
The DUT was a wireless controller board for an automated door system.

Certification Purpose
Original Certification

Radio/Receiver Characteristics	
Frequency Range	315MHz
Field Strength (3m):	73.46dBµV/m (measured)
Antenna Type	Printed Circuit Board

Software

No.	Description of EUT Software
1	NA

4.1 Justification

All testing performed in this report was for the radio only. Once the system was powered, the radio automatically went into a constant transmit state.

4.2 Modifications Required for Compliance

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

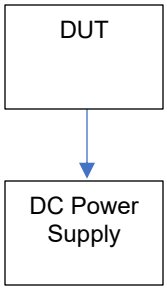
4.3 Additions, Deviations and Exclusions from Standards

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



5 Bandwidth

5.1 Method

The procedures from ANSI C63.10 Clause 6.9.3 were used to measure the 20dB and 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. 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
213502	Spectrum Analyzer (2Hz-43.5GHz)	Rohde & Schwarz	FSW43	102972	08/01/2024	08/01/2026

Software Utilized

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

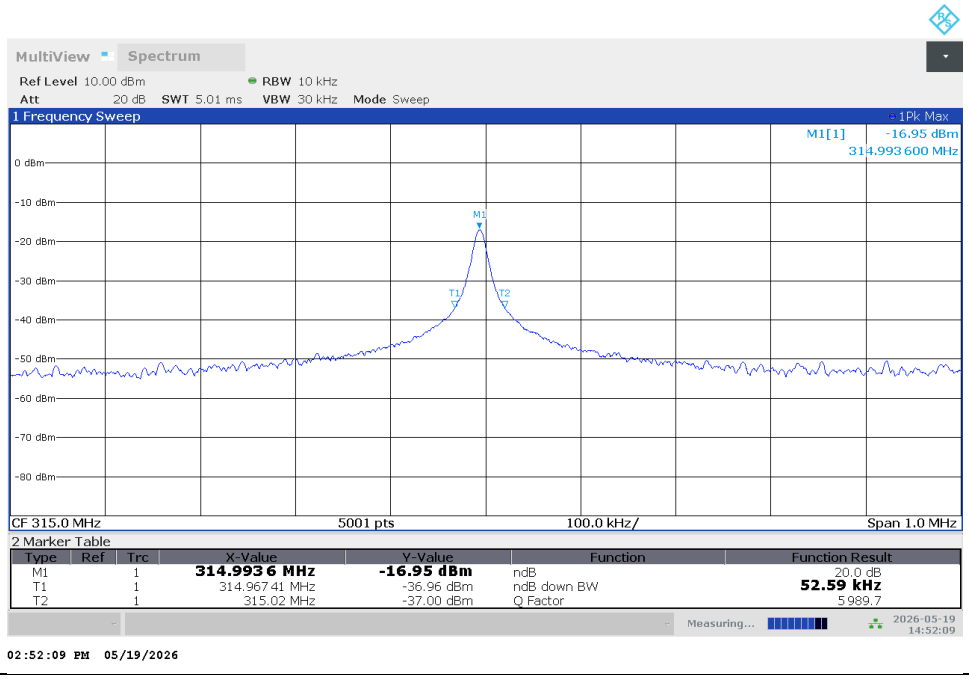
5.3 Test Data

Frequency (MHz)	Bandwidth Measurement	F_{LOW} (MHz)	F_{HIGH} (MHz)	Bandwidth (kHz)	Limit (kHz)	Result
315	20dB	314.967	315.020	52.59	787.5	Compliant
315	99% OBW	314.767	315.221	453.95	787.5	Compliant

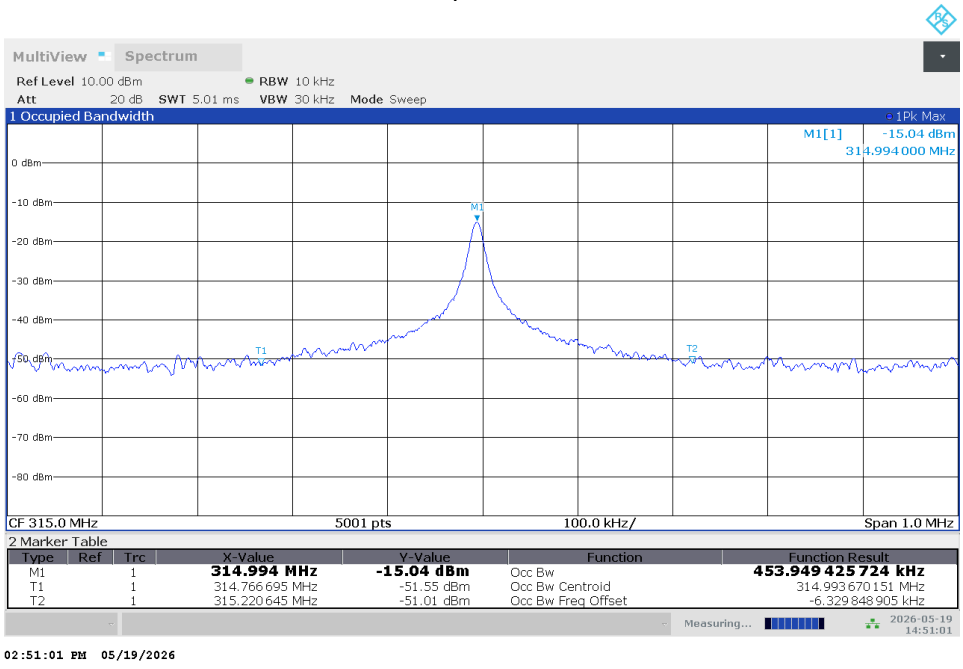
Note: Limit is 0.25% of the fundamental (315MHz)

BW Plots

20dB Bandwidth



99% Occupied Bandwidth



Test Personnel:	Jeremy Pickens	Test Date:	19 May 2026
Supervising/Reviewing Engineer: (Where Applicable)		Ambient Temperature:	21.5ºC
Product Standard:	ANSI C63.10	Relative Humidity:	43.8%
Input Voltage:	24Vdc	Atmospheric Pressure:	98.5kPa

6 Field Strength of the Fundamental / Radiated Spurious Emissions

6.1 Method

Tests were performed in accordance with ANSI C63.10 using the following bandwidth settings:

Below 150 kHz	Pre-scans: RBW: 300 Hz / VBW: 1kHz; Finals: RBW: 200Hz
150 kHz to 30 MHz	Pre-scans: RBW: 10 kHz VBW: 30kHz; Finals: RBW: 9kHz
30 MHz to 1000 MHz	Pre-scans: RBW: 120 kHz VBW: 500kHz, Finals: RBW: 120kHz
Above 1GHz	Pre-scans: RBW: 1MHz VBW: 3MHz, Finals: RBW: 1MHz

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.

Limits – Fundamental and Spurious Emissions

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emissions (microvolts/meter)
40.66-40.70	2,250	225
70-130	1,250	125
130-174	[1] 1,250 to 3,750	[1] 125 to 375
174-260	3,750	375
260-470	[1] 3,750 to 12,500	[1] 375 to 1,250
Above 470	12,500	1,250

[1] *Linear interpolations.*

For a 315MHz transmitter, the fundamental average limit is 75.62dBµV/m @ 3 meters and the average spurious emissions limit is 55.62dBµV/m. Spurious emissions that fell within restricted bands were tested to limits defined in 15.209 and RSS-GEN Section 8.10 (Table 7).

Note: For measurements below 30MHz the limits were adjusted by 40dB per decade to account for measurements at 3 meters.

Example

30µV/m at 30 meters = 20*log (30) = 29.5dBµV/m
At 3 meters: 29.5dBµV/m + 40dB = 69.5dBµV/m.

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

6.2 Test Equipment

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
200074	Preamplifier, 10 MHz to 2000 MHz	Mini-Circuits	ZKL-2	D052005	08/04/2025	08/04/2026
200162	EMI Receiver (20Hz-40GHz)	Rohde & Schwarz	ESU 40	100314	10/07/2025	10/07/2026
211262	Controller - Turntable and Mast	Sunol	SC99V	SC99V-1	VBU	VBU
211264	Mast - Antenna	Sunol	TWR95	NNN2	VBU	VBU
211386	Antenna, BiLog, 20-2000MHz	Chase	CBL6112B	2622	06/30/2025	06/30/2026
212166	Temperature/ Pressure/Humidity Sensor	Extech	SD700	110392	03/23/2026	03/23/2027
213073	Antenna positioning tower	Sunol	TLT2	040314-5	VBU	VBU
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
BOX-HORN1	Antenna, Horn, <18 GHz	EMCO	3115	9512-4632	06/25/2025	06/25/2026
MM2	RF Coax Cable 9kHz-18GHz	Maury Microwave	UC-N-MM78	1514381	07/28/2025	07/28/2026
MM36	RF Coax Cable 9kHz-18GHz	Maury Microwave	UC-N-NM-36	16 32 10	06/18/2025	06/18/2026
MM12	RF Coax Cable 9kHz-18GHz	Fairview Microwave	SCE18110505-600CM	MM12	09/11/2025	09/11/2026
MP14	RF Coax Cable 9kHz-18GHz	Megaphase	EC29-N1N1-276-H	20938802	09/19/2025	09/19/2026
TW4 211413	RF Coax Cable 9kHz-18GHz	Fairview Microwave	FMCA1282-472	TW4	06/10/2025	06/10/2026

Software Utilized

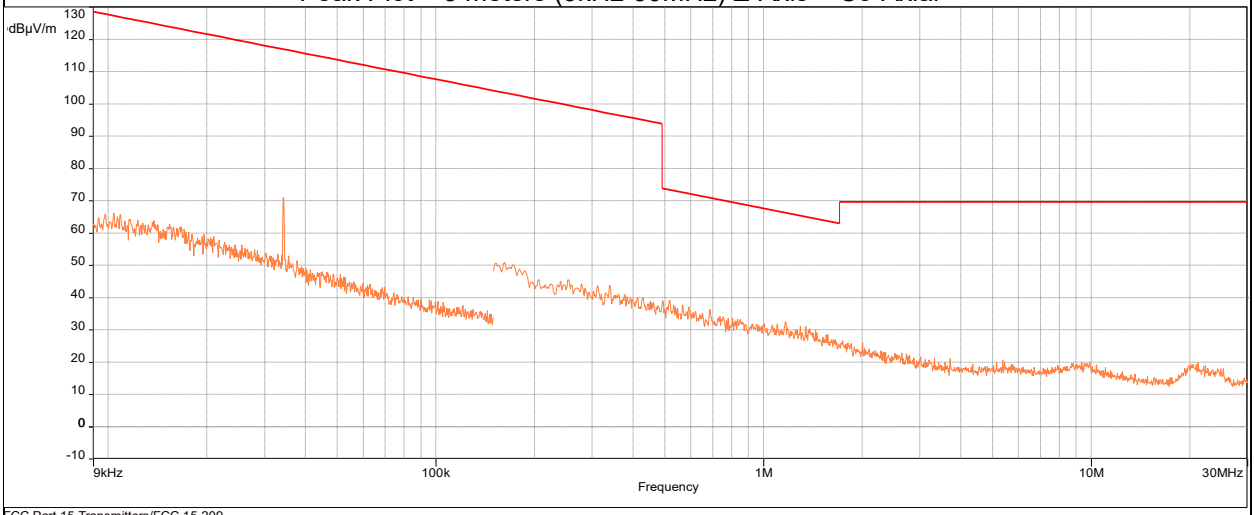
Name	Manufacturer	Version
BAT EMC	NEXIO	3.19.1.18

6.3 Results

The sample tested was found to Comply.

6.4 Plots/Data

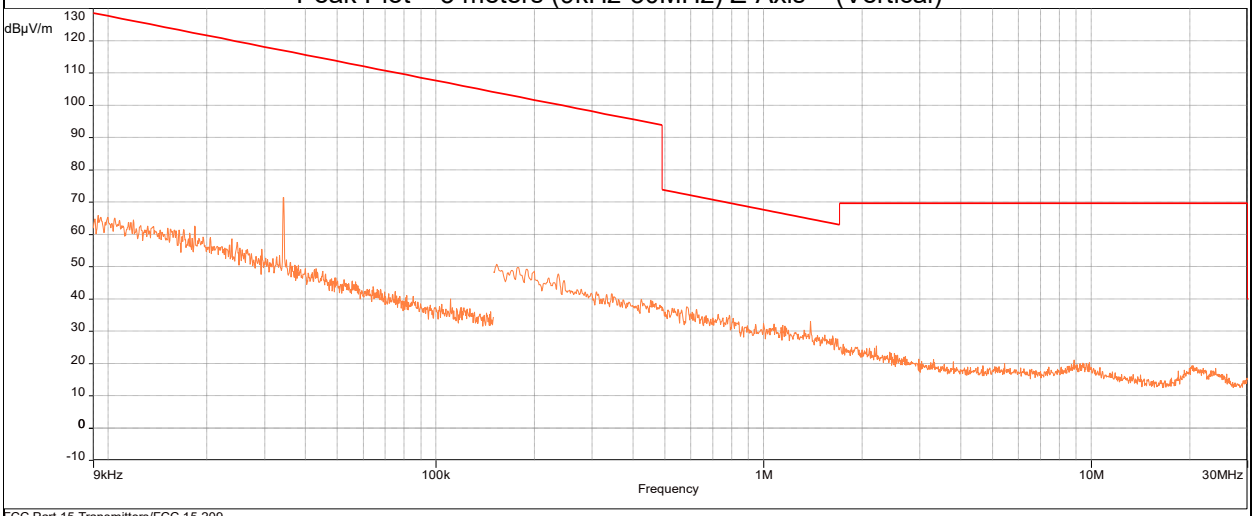
Peak Plot – 3 meters (9kHz-30MHz) Z-Axis – Co-Axial



FCC Part 15 Transmitters/FCC 15.209

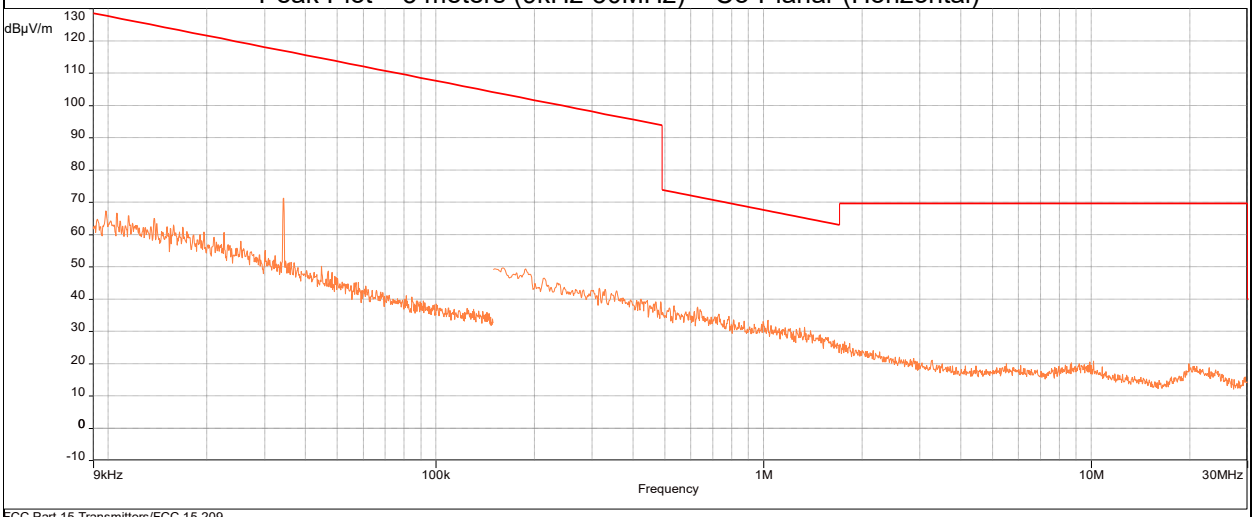
Note emissions this range did not change discernably with DUT orientation

Peak Plot – 3 meters (9kHz-30MHz) Z-Axis – (Vertical)



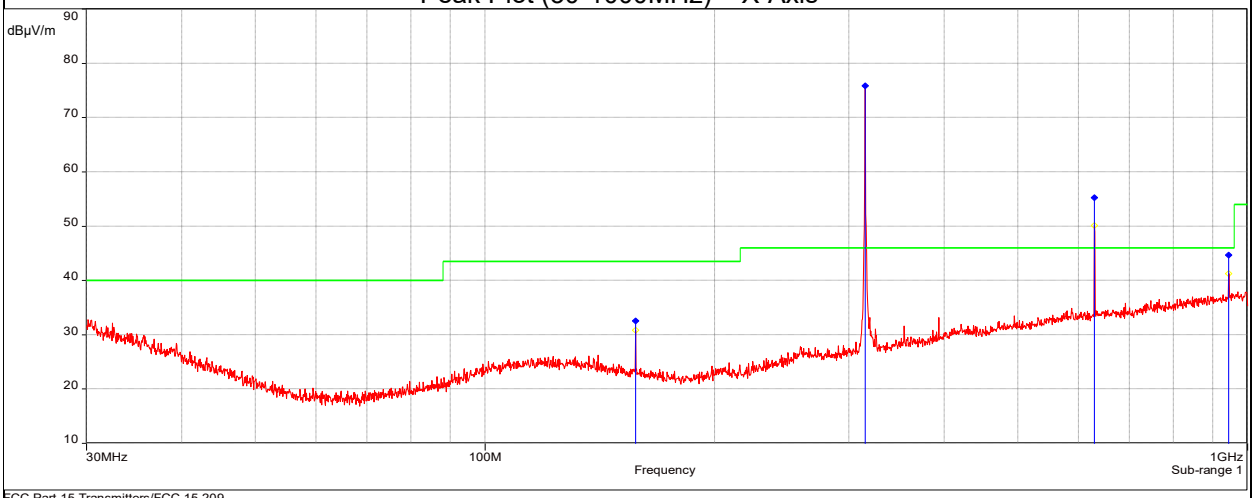
FCC Part 15 Transmitters/FCC 15.209

Peak Plot – 3 meters (9kHz-30MHz) – Co-Planar (Horizontal)



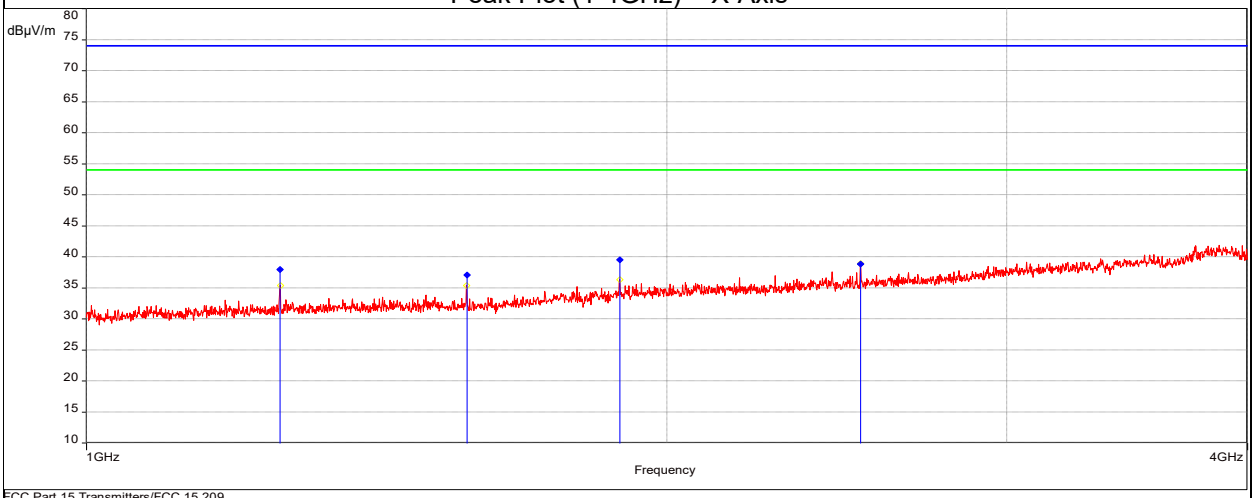
FCC Part 15 Transmitters/FCC 15.209

Peak Plot (30-1000MHz) – X-Axis



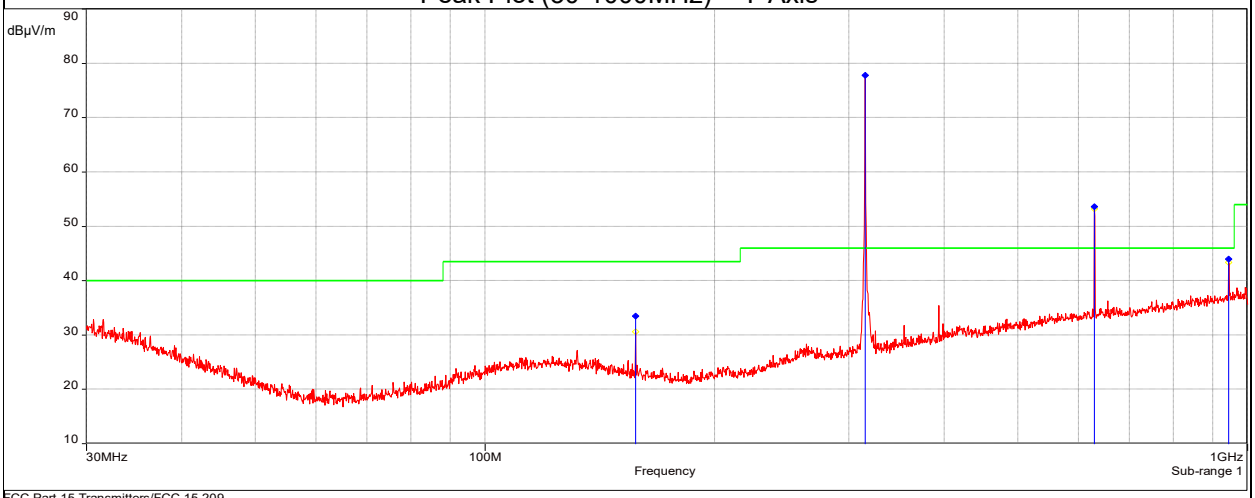
FCC Part 15 Transmitters/FCC 15.209

Peak Plot (1-4GHz) – X-Axis



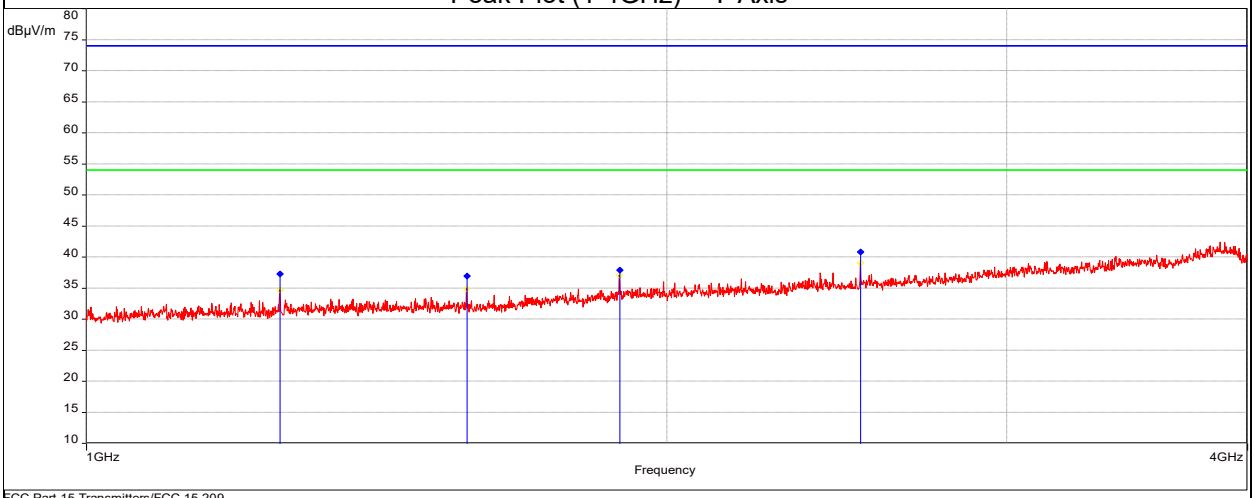
FCC Part 15 Transmitters/FCC 15.209

Peak Plot (30-1000MHz) – Y-Axis



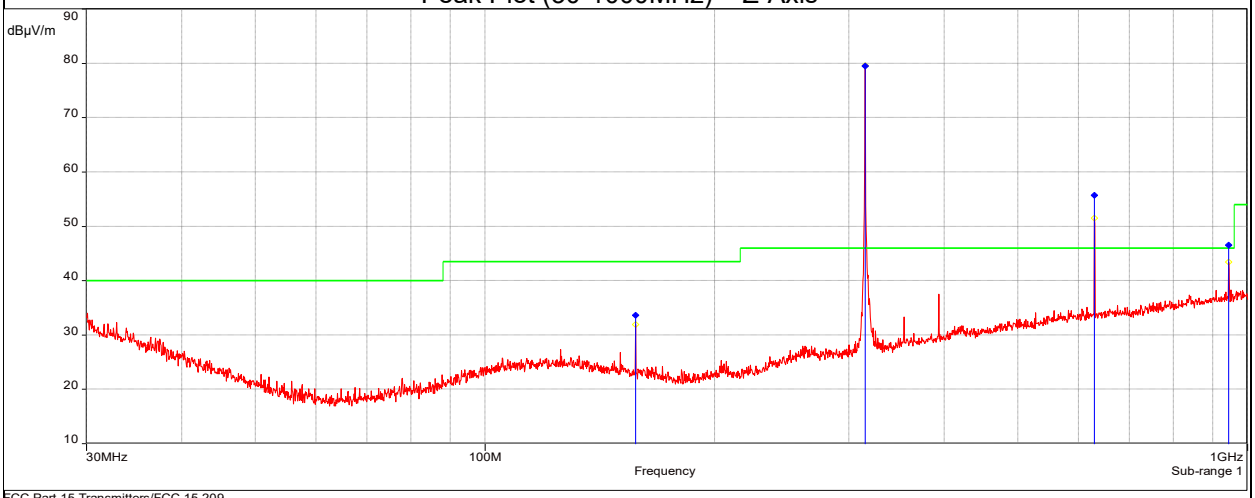
FCC Part 15 Transmitters/FCC 15.209

Peak Plot (1-4GHz) – Y-Axis



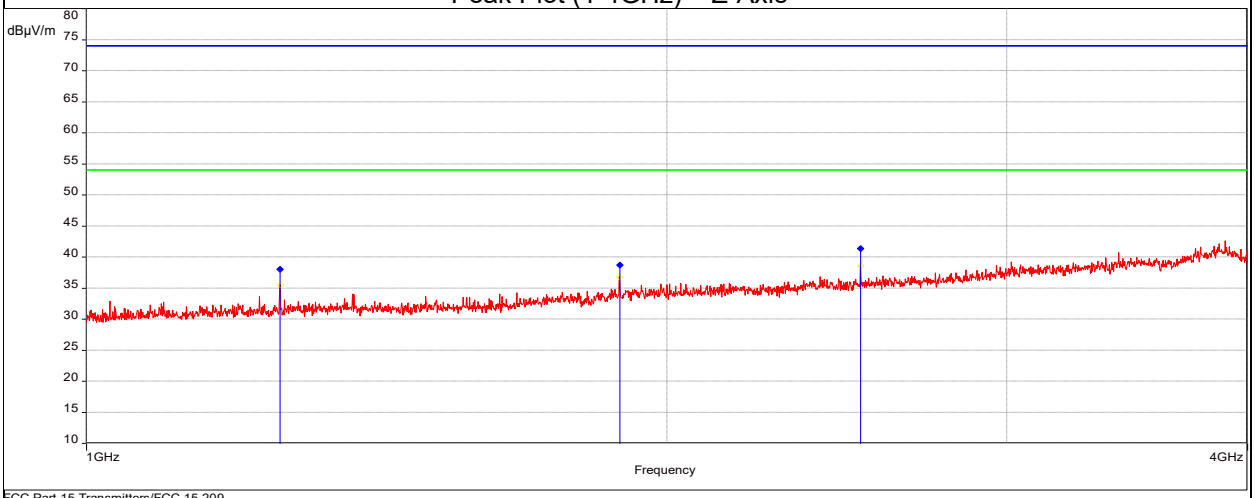
FCC Part 15 Transmitters/FCC 15.209

Peak Plot (30-1000MHz) – Z-Axis



FCC Part 15 Transmitters/FCC 15.209

Peak Plot (1-4GHz) – Z-Axis



FCC Part 15 Transmitters/FCC 15.209

Tabular Data – Fundamental

Orientation	Frequency (MHz)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Peak Margin (dB)	AVG Level (dBµV/m)	AVG Limit (dBµV/m)	AVG Margin (dB)	Correction (dB/m)	Polarity
X-Axis	315.000	75.86	95.62	-19.76	69.86	75.62	-5.76	-12.33	Horizontal
Y-Axis	315.000	77.8	95.62	-17.82	71.8	75.62	-3.82	-12.33	Horizontal
Z-Axis	315.000	79.48	95.62	-16.14	73.48	75.62	-2.14	-12.33	Horizontal

Tabular Data – Spurious Emissions

Orientation	Frequency (MHz)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Peak Margin (dB)	AVG Level (dBµV/m)	AVG Limit (dBµV/m)	AVG Margin (dB)	Correction (dB/m)	Polarity	
X-Axis	157.497	32.58	75.62	-43.04	26.58	55.62	-29.04	-16.67	Vertical	
X-Axis	629.987	55.25	75.62	-20.37	49.25	55.62	-6.37	-5.74	Horizontal	
X-Axis	944.981	44.66	66	-21.34	38.66	46	-7.34	-2.88	Horizontal	*
X-Axis	1259.975	37.95	75.62	-36.05	31.95	55.62	-23.67	-13.14	Horizontal	
X-Axis	1574.970	37.1	74	-36.9	31.1	54	-22.9	-12.97	Vertical	*
X-Axis	1889.962	39.52	75.62	-34.48	33.52	55.62	-22.1	-11.14	Horizontal	
X-Axis	2519.952	38.82	75.62	-35.18	32.82	55.62	-22.8	-10.3	Vertical	
Y-Axis	157.490	33.49	75.62	-42.13	27.49	55.62	-28.13	-16.67	Vertical	
Y-Axis	629.977	53.64	75.62	-21.98	47.64	55.62	-7.98	-5.74	Vertical	
Y-Axis	944.969	44	66	-36.05	38	46	-8	-2.88	Vertical	*
Y-Axis	1259.976	37.3	75.62	-36.7	31.3	55.62	-24.32	-13.14	Horizontal	
Y-Axis	1574.969	36.92	74	-37.08	30.92	54	-23.08	-12.97	Horizontal	*
Y-Axis	1889.964	37.87	75.62	-36.13	31.87	55.62	-23.75	-11.14	Vertical	
Y-Axis	2519.952	40.79	75.62	-33.21	34.79	55.62	-20.83	-10.3	Horizontal	
Z-Axis	157.497	33.61	75.62	-42.01	27.61	55.62	-28.01	-16.67	Horizontal	
Z-Axis	629.988	55.73	75.62	-19.89	49.73	55.62	-5.89	-5.74	Horizontal	
Z-Axis	944.981	46.58	66	-36.05	40.58	46	-5.42	-2.88	Horizontal	*
Z-Axis	1259.975	38.06	75.62	-35.94	32.06	55.62	-23.56	-13.14	Vertical	
Z-Axis	1889.963	38.74	75.62	-35.26	32.74	55.62	-22.88	-11.14	Vertical	
Z-Axis	2519.951	41.33	75.62	-32.67	35.33	55.62	-20.29	-10.3	Horizontal	

* Emissions falling in restricted bands

A duty cycle correction factor (DCCF) of -6.00dB was used to calculate the average measurement from the peak measurement. Refer to Appendix A for details.

Test Personnel:	Jeremy Pickens	Test Date:	19-20 May 2026
Supervising/Reviewing Engineer: (Where Applicable)		v	
Product Standard:	ANSI C63.10	Limit Applied:	15.209
Input Voltage:	12Vdc		
Pretest Verification w/ Ambient Signals or BB Source:	BB	Ambient Temperature:	21.4ºC
		Relative Humidity:	42.8%
		Atmospheric Pressure:	97.9kPa

Deviations, Additions, or Exclusions: None

7 Deactivation Time

7.1 Method

Per §15.231(a) (1), a manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

Per RSS-210 Issue 11 §A.1.2(a), A manually operated transmitter shall be equipped with a push-to-operate switch and be under manual control at all times during transmission. When released, the transmitter shall cease transmission within no more than 5 seconds of being released.

The analyzer was set to the center frequency and configured with a zero span (time domain) with video triggering active, and single-sweep operation. The EUT was manually activated, and the analyzer was monitored to verify that the signal ceased transmission within the specified deactivation time.

TEST SITE: RF Bench

The RF bench consists of a Rohde & Schwarz TS8997 automated test system coupled with a temperature/humidity environmental chamber. Where applicable, 2.4 and 5GHz radio 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
211992	Digital thermometer - Two channel.	General Tool	DT80-2	140402566	02/27/2025	02/27/2026
213502	Spectrum Analyzer (2Hz-43.5GHz)	Rohde & Schwarz	FSW43	102972	08/01/2024	08/01/2026

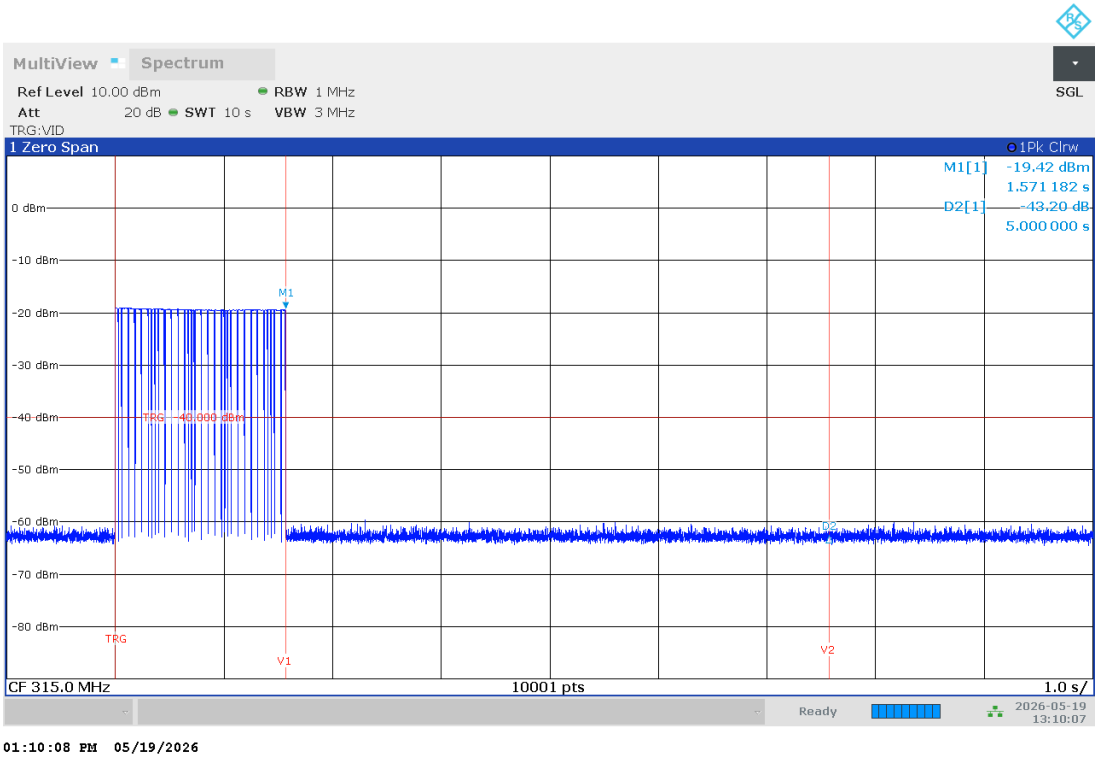
Software Utilized

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



On-Time (s)	Limit (s)	Result
1.57	5	Compliant

Test Personnel: Jeremy Pickens

Test Date: 19 May 2026

Ambient Temperature: 21.4ºC

Reference Standard: ANSI C63.10

Relative Humidity: 43.6%

Atmospheric Pressure: 98.1kPa

8 AC Mains Conducted Emissions

8.1 Method

Tests were performed in accordance with ANSI C63.10 Clause 6.2.

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.

Measurement Uncertainty

Measurement	Frequency Range	Expanded Uncertainty (k=2)	U_{CISPR}
AC Line Conducted Emissions	150 kHz - 30 MHz	2.8 dB	3.4dB
Telco Port Emissions	150 kHz - 30 MHz	2.4 dB	5.0dB

As shown in the table above our conducted emissions U_{lab} is less than the corresponding U_{CISPR} reference reference value in CISPR 16-4-2 Table 1, hence the compliance of the product is only based on the measured value, and no measurement uncertainty correction is required, based on CISPR 22 and CISPR 11 (for 2006 and later revisions) Clause 11.

Sample Calculations

The following calculations were used to determine the net line-conducted measurements:

NF = RF + LF + CF + AF

Where NF = Net Reading in dBμV
RF = Reading from receiver in dBμV
LF = LISN or ISN Correction Factor in dB
CF = Cable Correction Factor in dB
AF = Attenuator Loss Factor in 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:

NF = RF + LF + CF + AF = 28.5 + 0.2 + 0.4 + 20.0 = 49.1 dBμV
$UF = 10^{(49.1\ dB\mu V / 20)}$ = 285.1 μV

8.2 Test Equipment Used

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
212164	Temperature/Pressure/Humidity Sensor	Extech	SD700	109402	07/08/2025	07/08/2026
213498	2-Line LISN	Rohde & Schwarz	ENV216	101577	10/25/2025	10/25/2026
232944	EMI Receiver 10Hz-26.5GHz	Agilent	MXE-9038A	MY51210135	03/27/2026	03/27/2027
MM8	RF Coax Cable 9KHz-18GHz	Maury Microwave	UC-N-MM-267	1635289	06/18/2025	06/18/2026

Software Utilized

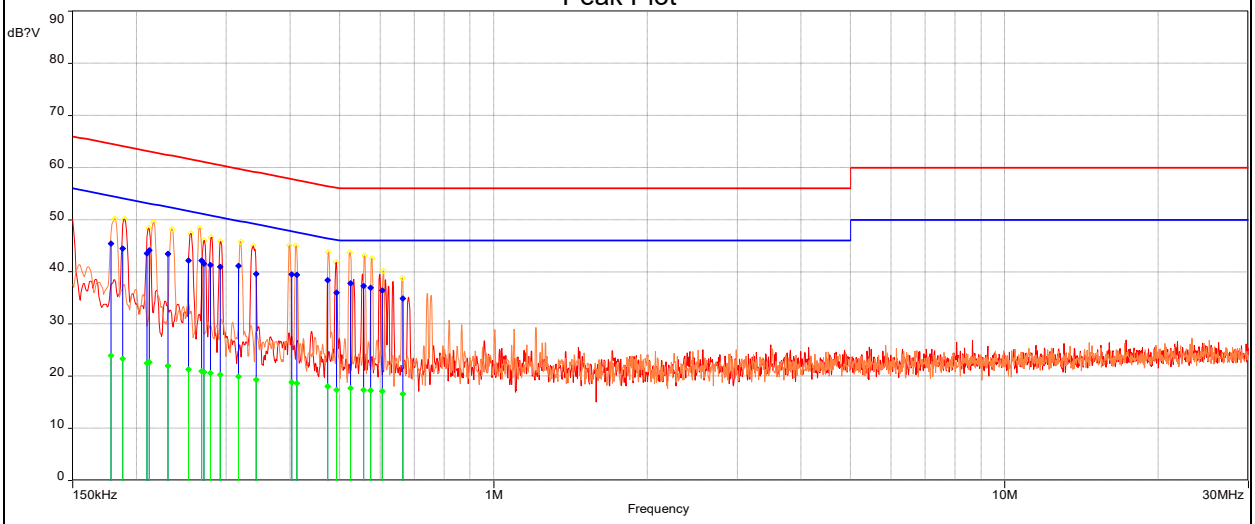
Name	Manufacturer	Version
EMC BAT	Nexio	3.19.1.18

8.3 Results

The sample tested was found to Comply.

8.4 Plots/Data

Peak Plot



Tabular Data

Frequency (MHz)	AVG Level (dBµV)	QP Level (dBµV)	Limit AVG (dBuV)	Limit QP (dBuV)	AVG Margin (dB)	QP Margin (dB)	Line	Correction (dB)
0.178	23.92	45.44	54.56	64.56	-30.64	-19.12	Phase 1	10.02
0.212	22.65	44.12	53.13	63.13	-30.48	-19.01	Phase 1	9.91
0.231	21.96	43.46	52.43	62.43	-30.47	-18.97	Phase 1	9.8
0.268	20.95	42.16	51.18	61.18	-30.24	-19.03	Phase 1	9.7
0.317	19.95	41.14	49.8	59.8	-29.85	-18.66	Phase 1	9.74
0.402	18.79	39.56	47.81	57.81	-29.02	-18.25	Phase 1	9.87
0.412	18.7	39.48	47.61	57.61	-28.91	-18.13	Phase 1	9.88
0.473	18.05	38.45	46.46	56.46	-28.41	-18.01	Phase 1	9.91
0.524	17.71	37.78	46	56	-28.29	-18.22	Phase 1	9.92
0.556	17.4	37.29	46	56	-28.6	-18.71	Phase 1	9.93
0.575	17.3	36.98	46	56	-28.7	-19.02	Phase 1	9.93
0.606	17.13	36.44	46	56	-28.87	-19.56	Phase 1	9.93
0.664	16.63	34.94	46	56	-29.37	-21.06	Phase 1	9.91
0.188	23.32	44.47	54.12	64.12	-30.8	-19.65	Phase 2	9.77
0.210	22.5	43.56	53.22	63.22	-30.72	-19.66	Phase 2	9.78
0.253	21.3	42.18	51.66	61.66	-30.36	-19.48	Phase 2	9.79
0.271	20.79	41.56	51.09	61.09	-30.3	-19.53	Phase 2	9.79
0.279	20.64	41.35	50.84	60.84	-30.21	-19.5	Phase 2	9.8
0.292	20.32	41.03	50.47	60.47	-30.16	-19.45	Phase 2	9.8
0.343	19.32	39.62	49.12	59.12	-29.8	-19.5	Phase 2	9.8
0.492	17.34	36.04	46.13	56.13	-28.79	-20.09	Phase 2	9.8

Test Personnel: Jeremy Pickens Test Date: 19 May 2026

Supervising/Reviewing Engineer: (Where Applicable)

Product Standard: ANSI C63.10 Limit Applied: 15.207

Input Voltage: 120Vac, 60Hz (12Vdc to DUT)

Pretest Verification w/ Ambient Signals or BB Source: BB

Ambient Temperature: 22.2ºC

Relative Humidity: 43.6%

Atmospheric Pressure: 98.2kPa

Deviations, Additions, or Exclusions: None

9 Measurement Uncertainty

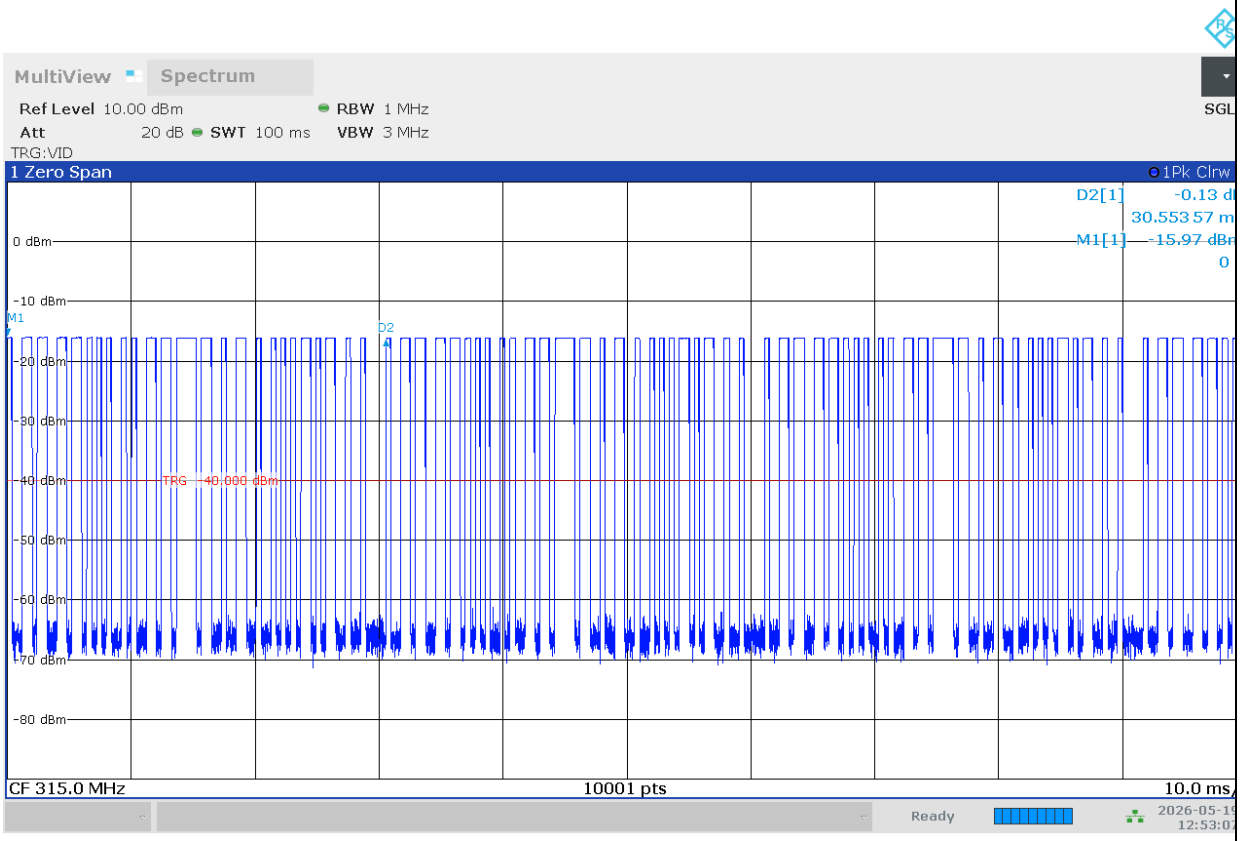
Parameter	Expanded Uncertainty for Normal k factor equal to 2
Radio Frequency	0.07
Total RF Power (Conducted)	0.65
Power Density (Conducted)	0.65
RF Spurious (Conducted)	1.8 dB
Radiated Emissions (9kHz-30MHz)	4.7 dB
Radiated Emissions (30MHz-1GHz)	4.1 dB
Radiated Emissions (1GHz-18GHz)	4.5dB
Radiated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

10 Revision History

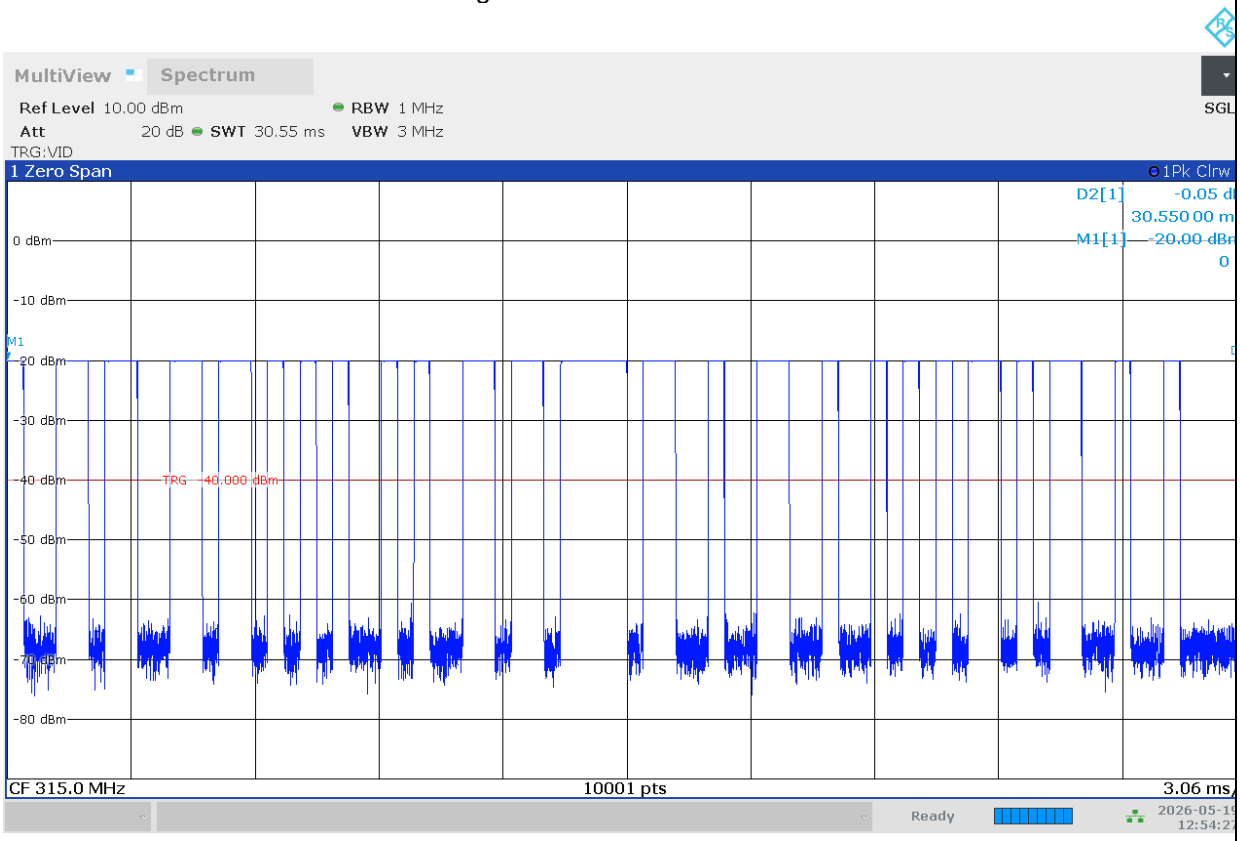
Revision Level	Date	Prepared By	Reviewed By	Notes
0	04 June 2026	JOP	US	Original Issue
1	15 July 2026	JOP	US	• Added PMN to title page and corrected HVIN

APPENDIX: DUTY-CYCLE CORRECTION

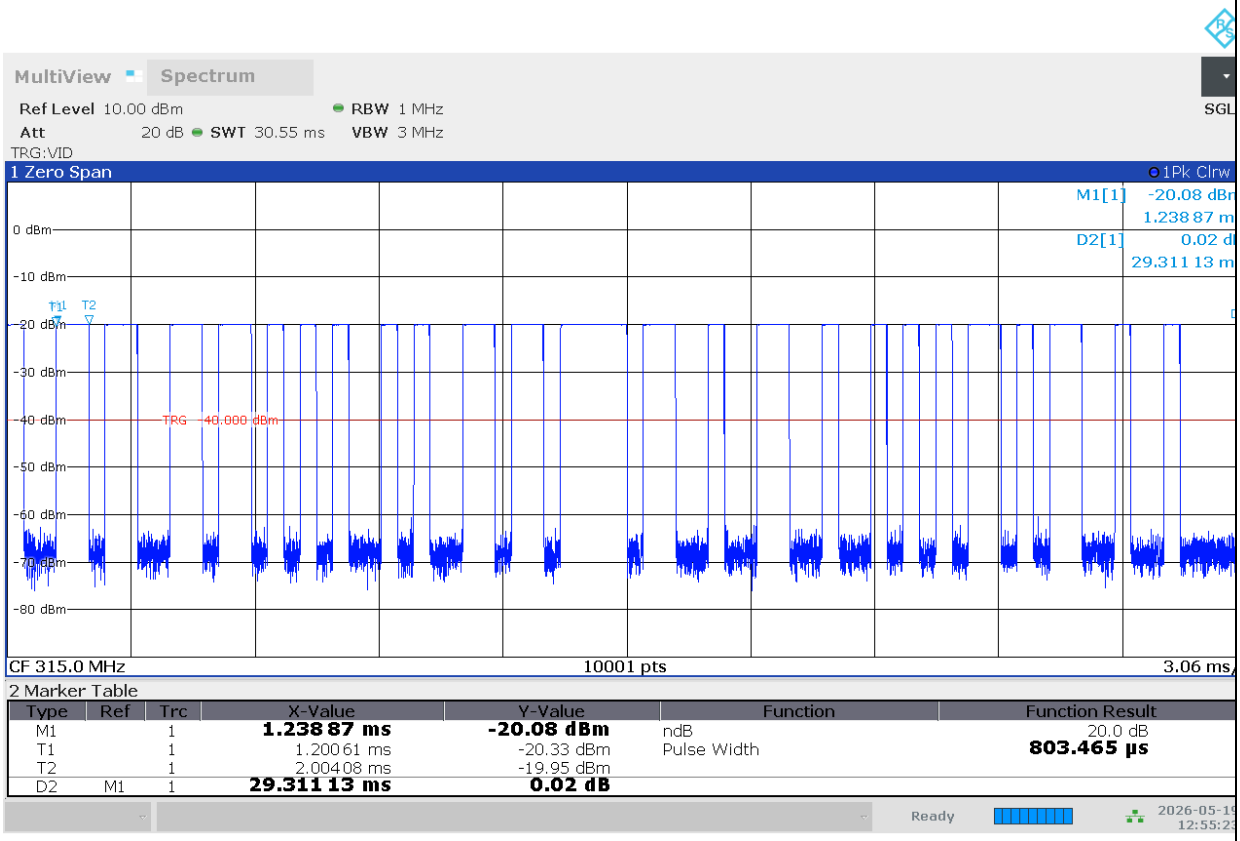
100ms Plot



Single Pulse Train – 30.55ms

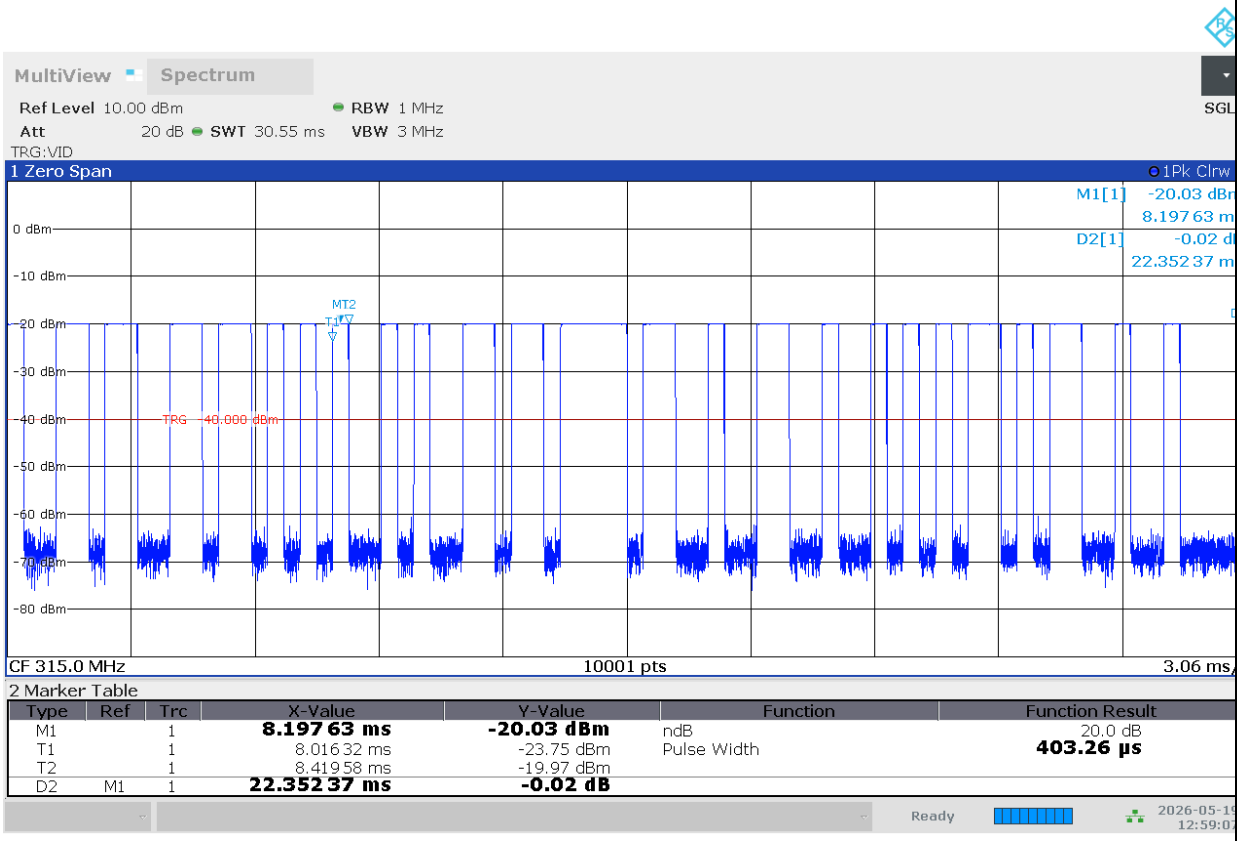


Pulse 1 Width



12:55:24 PM 05/19/2026

Pulse 2 Width



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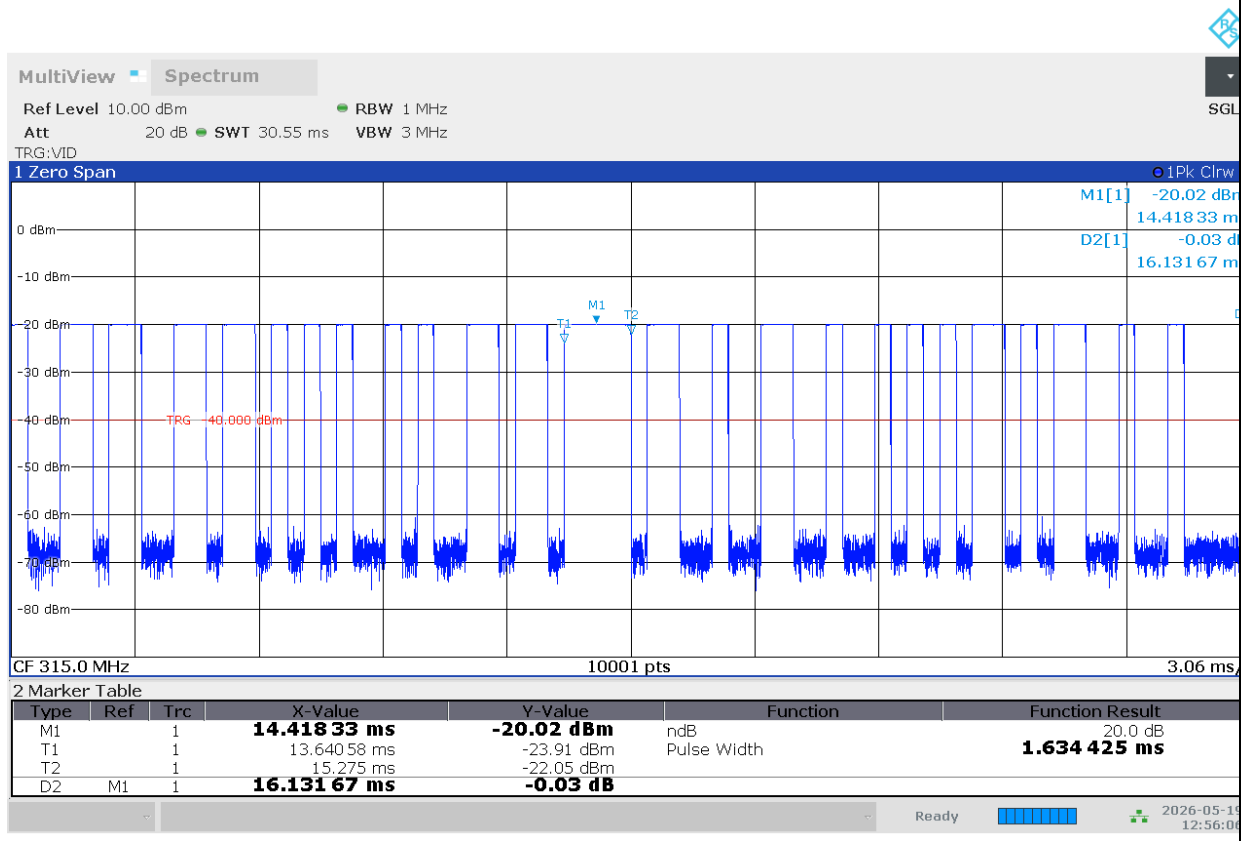
Pulse 3 Width



	QTY	Duration (ms)	Total On Time (ms)	On-Time / 30.55ms (%)
Pulse 1	10	0.803	8.03	26.28%
Pulse 2	14	0.403	5.642	18.47%
Pulse 3	1	1.634	1.634	5.35%
			Sum:	50.10%
			DCCF (dB):	-6.003

DCCF = 20*LOG(%$_{TIME\ ON}$)

END OF REPORT