

**COMPLIANCE WORLDWIDE INC.
TEST REPORT 177-26R1**

**In Accordance with the Requirements of
Federal Communications Commission CFR Title 47 Part 15.231, Subpart C
Intentional Radiators**

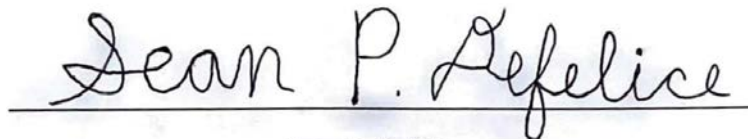
**Issued to
Cyber Cogs Corp.
1123 Akan Street SE
Leesburg, VA 20175**

**for the
Slate Key Fob
Model: CC-FOB200
433.92 MHz**

FCC ID: 2BV3QCCFOB200

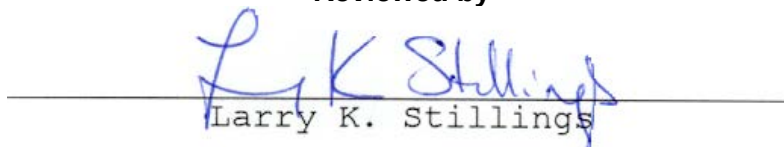
**Report Issued on June 26, 2026
Revision R1 Issued on August 20, 2026**

Tested by



Sean P. Defelice

Reviewed by



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1. Scope

This test report certifies that the Cyber Cogs Corp Slate Key Fob, Model CC-FOB200 433.92 MHz Transmitter, as tested, meets the Subpart C, FCC Part 15.231 requirements. The scope of this test report is limited to the test sample provided by the client, only in as much as that sample represents other production units. If any significant changes are made to the unit, the changes shall be evaluated and a retest may be required. Measurement Uncertainty will not be applied to any of the measurement / testing results in this test report to determine pass/fail criteria per the Decision Rule as defined in ISO/IEC Guide 17025-2017 Clause 3.7. Revision R1 corrects section 7.2.1 for a manually operated transmitter and removes 7.2.2 for automatic transmission. Updated data in Section 7.4 using a QP detector and removed Section 7.8

2. Product Details

2.1. Manufacturer:	Cyber Cogs Corp
2.2. Model Number:	CC-FOB200
2.3 Serial Number:	0009
2.4 Description of EUT:	Keyfob for automotive application
2.5 Power Source:	CR2032 Battery, 3 VDC
2.6 Hardware Revision:	Rev 06
2.7 Software/Firmware Revision:	N/A
2.8. Modulation Type:	Pulsed
2.9. Operating Frequency:	433.92 MHz
2.10. EMC Modifications:	None

3. Product Configuration

3.1. Operational Characteristics & Software

The EUT was configured to continuously transmit when a button is pressed.

3.2. EUT Hardware

Manufacturer	Model/Part # / Options	Serial Number	Volts	Freq (Hz)	Description/Function
Cyber Cogs	CC-FOB200	0009	3	DC	Key Fob for automotive application

3.3. Support Equipment

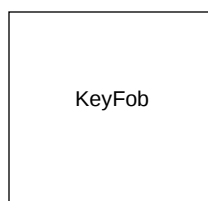
Manufacturer	Model/Part # / Options	Serial Number	Input Voltage	Freq (Hz)	Description/Function
None					

3. Product Configuration (continued)

3.4. Equipment Cables

Cable Type	Length	Shield	From	To
None				

3.5. Block Diagram



4. Measurements Parameters

4.1. Measurement Equipment and Software Used to Perform Test

Device	Manufacturer	Model No.	Serial No.	Cal Due	Interval
EMI Test Receiver, 9kHz - 7GHz ¹	Rohde & Schwarz	ESR7	101156	10/26/2026	5 Years
EMI Test Receiver, 10 Hz - 7GHz ¹	Rohde & Schwarz	ESR7	101770	7/23/2027	3 Years
EMI Test Receiver, 9 kHz – 26.5 GHz ¹	Rohde & Schwarz	ESR26	101693	6/26/2027	3 Years
Spectrum Analyzer, 2 Hz to 26.5 GHz ²	Rohde & Schwarz	FSW26	102057	6/26/2027	3 Years
Spectrum Analyzer, 9 kHz to 40 GHz ³	Rohde & Schwarz	FSV40	100899	6/27/2027	3 Years
Spectrum Analyzer 10 Hz – 40 GHz ¹	Rohde & Schwarz	FSVR40	100909	8/12/2028	2 Years
Biconilog Antenna, 30 MHz - 2 GHz	Sunol Sciences	JB1	A050913	7/1/2027	6 Years
Loop Antenna 9 kHz - 30 MHz	EMCO	6512	9309-1139	4/14/2027	5 Years
Dbl Ridged Guide Antenna 1- 18 GHz	ETS-Lindgren	3117	00143292	5/11/2027	5 Years
Dbl Ridged Guide Antenna 1- 18 GHz	ETS-Lindgren	3117	00227631	4/21/2027	5 Years
Preamplifier, 1 GHz to 26.5 GHz	Hewlett Packard	8449B	3008A01323	8/15/2026	1 Year
Preamplifier, 1 GHz to 26.5 GHz	Hewlett Packard	8449B H02	3008A00329	8/15/2026	1 Year
1 - 9.3 GHz Passband Filter	Mini-Circuits	VHP-16	0341	2/27/2027	1 Year
LISN	EMCO	3825/2	9109-1860	3/28/2027	3 Years
Digital Barometer	Control Company	4195	ID236	8/11/2028	2 Years
Barometric Pressure/Humidity & Temp Datalogger	Extech Instruments	SD700	Q590483	4/4/2027	3 Years

¹ ESR7/26 Firmware revision: V3.66 SP3, Date installed: 08/11/2026

² FSW26 Firmware revision: V4.71 SP1, Date installed: 11/16/2020

³ FSV40 Firmware revision: V2.30 SP4, Date installed: 05/04/2016

⁴ FSVR40 Firmware revision: V2.23 SP1, Date installed: 08/19/2016

Previous V3.48 SP3, installed 09/30/2020.

Previous V4.61, installed 08/11/2020.

Previous V2.30 SP1, installed 10/22/2014.

Previous V2.23, installed 10/22/2014.

4. Measurements Parameters (continued)

4.2. Software Used to Perform Test

Manufacturer	Software Description	Title or Model #	Rev.	Report Sections
Compliance Worldwide	Test Report Generation Software	Test Report Generator	1.0	Used to process conducted emissions data

4.3 Measurement & Equipment Setup

Test Dates: 5/20/2026, 5/21/2026 6/16/2026,
6/25/2026, 8/19/2026

Test Engineer: Sean Defelice

Site Temperature (°C): 21.5

Relative Humidity (%RH): 29

Frequency Range: 30 kHz to 5 GHz

Measurement Distance: 3 Meters and 1 Meter

EMI Receiver IF Bandwidth: 200 Hz (30 kHz – 150 kHz)
9 kHz (150 kHz – 30 MHz)
120 kHz (30 MHz – 1 GHz)
1 MHz (>1 GHz)

EMI Receiver Avg Bandwidth: $\geq 3 * \text{RBW or IF(BW)}$

Detector Functions: Peak, Quasi-Peak and Average

4.4 Test Procedure

Test measurements were made in accordance FCC Part 15.231: Periodic operation within the bands 40.66 – 40.70 MHz and above 70 MHz.

The test methods used to generate the data in this test report are in accordance with ANSI C63.10: 2020, American National Standard for Methods for Unlicensed Wireless Devices.

5. Choice of Equipment for Test Suites

5.1. Choice of Model

This test report is based on the test samples supplied by the manufacturer and are reported by the manufacturer to be equivalent to the production units.

5.2. Presentation

The test sample was tested complete with all required ancillary equipment. Refer to Section 3 of this report for the product equipment configuration.

5.3. Choice of Operating Frequencies

The transmitter in the unit under test utilizes a single operating frequency at approximately 433.92 MHz.

6. Measurement Summary

Test Requirement	FCC Requirement	Test Report Section	Result	Comment
Antenna Requirement	15.203	7.1	Compliant	The antenna is enclosed within the device under test.
Operational Requirements	15.231 (a)(1)	7.2.1	Compliant	The EUT is a manually operated transmitter
	15.231 (a)(2)	7.2.2	N/A	The EUT is a manually operated transmitter
	15.231 (a)(3)	7.2.3	Compliant	
	15.231 (a)(4)	7.2.4	N/A	Not something that is measured.
	15.231 (a)(5)	7.2.5	N/A	Not something that is measured
Radiated Field Strength of Fundamental	15.231 (b)	7.3	Compliant	
Radiated Field Strength of Harmonics	15.231 (b)(3)	7.4	Compliant	
Spurious Radiated Emissions	15.231 (b)(3), 15.209	7.5	Compliant	
Emission Bandwidth (20 dB)	15.231 (c)	7.6	Compliant	
Conducted Emissions	15.207	7.7	Compliant	

7. Measurement Data

7.1. Antenna Requirement (Section Part 15.203)

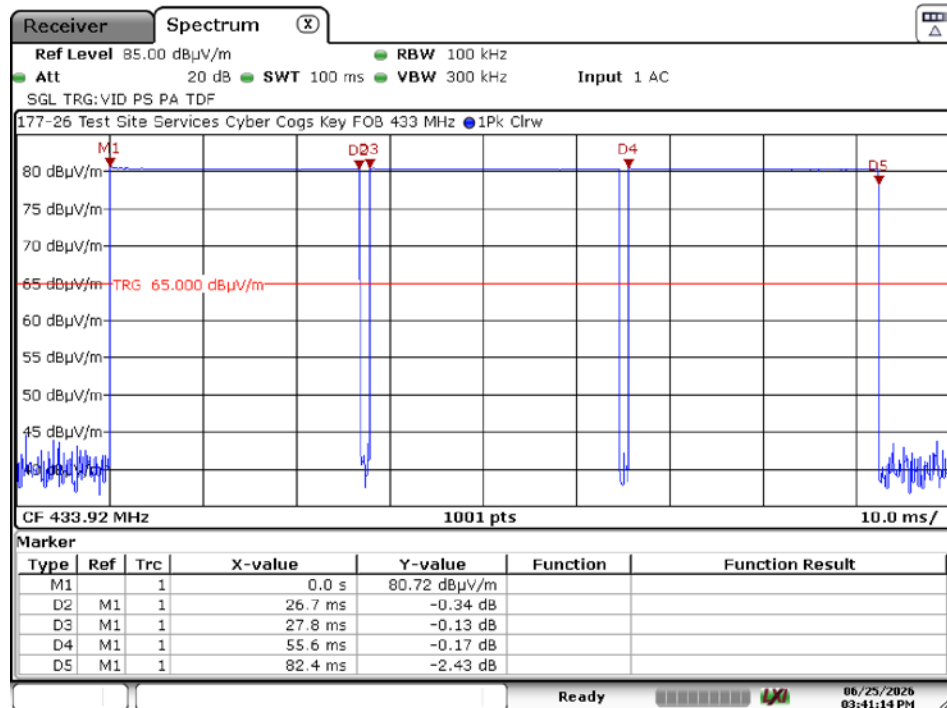
Requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section.

Status: Compliant - The antenna utilized by the device under test is etched on a printed circuit board

7.2. Operational Requirements (Section 15.231(a))

7.2.1. Requirement: A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released (Section 15.231(a)(1)).

Status: Compliant, When the EUTs button is pushed it sends out 3, 26.7 mS bursts over 0.0824 seconds to communicate with a device and then stops transmitting.



Date: 25 JUN 2026 15:41:14

7. Measurement Data (continued)

7.2. Operational Requirements (Section 15.231(a))

7.2.2. Requirement: A transmitter activated automatically shall cease transmission within 5 seconds after activation (Section 15.231(a)(2)).

Status: N/A, the device is a manually operated transmitter

7.2. Operational Requirements (Section 15.231(a))

- 7.2.3. Requirement: Periodic transmissions at regular predetermined intervals are not permitted. However, polling or supervision transmissions, including data, to determine system integrity of transmitters used in security or safety applications are allowed if the total duration of transmissions does not exceed more than two seconds per hour for each transmitter. There is no limit on the number of individual transmissions, provided the total transmission time does not exceed two seconds per hour (Section 15.231(a)(3)).

Status: Compliant, the device does not send periodic transmissions

- 7.2.4. Requirement: Intentional radiators which are employed for radio control purposes during emergencies involving fire, security, and safety of life, when activated to signal an alarm, may operate during the pendency of the alarm condition. (Section 15.231(a)(4)).

Status: Noted.

- 7.2.5. Requirement: Transmission of set-up information for security systems may exceed the transmission duration limits in paragraphs (a)(1) and (a)(2) of this section, provided such transmissions are under the control of a professional installer and do not exceed ten seconds after a manually operated switch is released or a transmitter is activated automatically. Such set-up information may include data.

Status: Noted.

7. Measurement Data (continued)

7.3. Radiated Field Strength of Fundamental (15.231, Section (b))

Requirement: The 3-meter field strength of the fundamental emissions from intentional radiators operating within the 260-470 MHz frequency bands shall comply with the limits specified in FCC Part 15.231, Section (b). The limit is based on a linear interpolation of the following field strength (or, alternatively, CISPR quasi-peak):

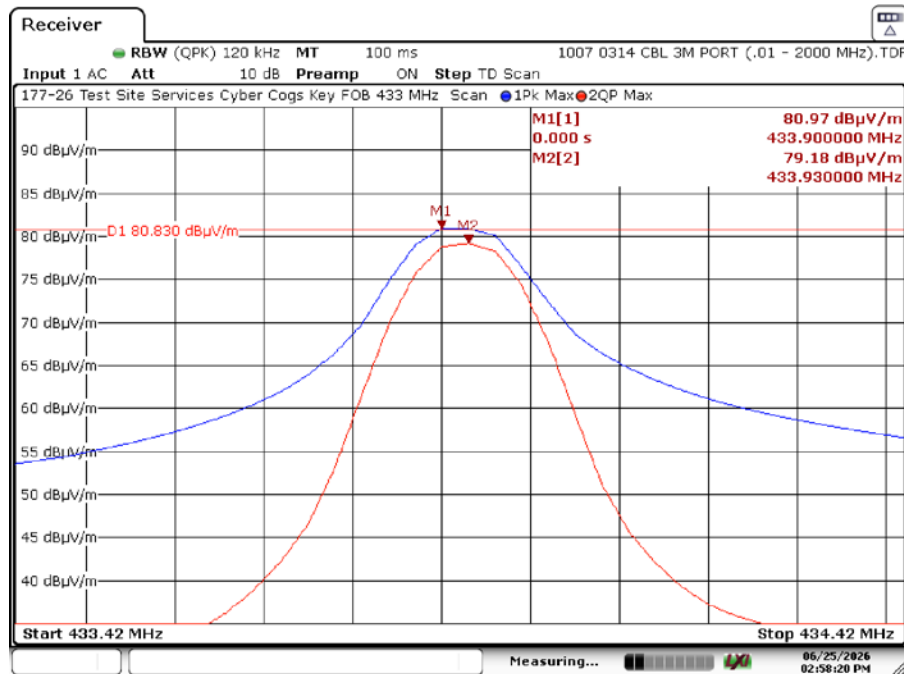
Fundamental Frequency (MHz)	Field Strength of Fundamental (μV/m)
260-470	3,750 to 12,500 μV/m

Fundamental Limit at 433.92 MHz = 10,997 μV/m = 80.83 dBμV/m

Conclusion: Compliant - The radiated field strength of the device under test complies with the requirements detailed in FCC Part 15.231, Section (b).

7.3.1. Worst Case Radiated Field Strength of Fundamental

Frequency (MHz)	Amplitude ¹ (dBμV/m)		Limit (dBμV/m)		Margin (dB)		Ant Polarity	Ant Height	Turntable Azimuth	Result
	Peak	QP	Peak	QP	Peak	QP	H/V	cm	Deg	
433.92	80.97	79.18	100.83	80.83	-19.86	-1.65	V	118	80	Compliant



Date: 25 JUN 2026 14:58:19

7. Measurement Data (continued)

7.4. Radiated Field Strength of Harmonics (15.231, Section (b))

Requirement: The 3-meter field strength of the harmonic emissions from intentional radiators operating within the 260-470 MHz frequency band shall comply with the limits specified in FCC Part 15.231, Section (b). The limit is based on a linear interpolation of the following field strength: As an alternative, compliance with the limits in the table may be based on the use of measurement instrumentation with a CISPR quasi-peak detector.

Fundamental Frequency (MHz)	Field Strength of Spurious Emissions (μV/m)
260–470	375 to 1250

Spurious Emissions Limit = 1,099.58 μV/m = 60.83 dBμV/m

Test Notes: The peak field strength may not be greater than 20 dB above the average limit.

Conclusion: Compliant - The device under test complies with the requirements detailed in FCC 15.231, Section (b).

7.4.1. Harmonics < 1 GHz

Freq. (MHz)	Measured Peak Field Strength (dBμV/m)		Limit (dBμV/m)		Margin (dBμV/m)		Ant. Pol. (H/V)	Ant. Ht. (cm)	Table Position (Deg)	Result
	Peak	QP	Peak	QP	Peak	QP				
867.84	51.92	46.77	80.83	60.83	-28.91	-14.06	H	167	354	Compliant
867.84	50.52	44.71	80.83	60.83	-30.31	-16.12	V	117	70	Compliant

7.4.2. Harmonics > 1 GHz

Freq. (MHz)	Measured Peak Field Strength (dBμV/m)		Limit (dBμV/m)		Margin (dBμV/m)		Ant. Pol. (H/V)	Ant. Ht. (cm)	Table Position (Deg)	Result
	Peak	QP	Peak	QP	Peak	QP				
1301.76	51.56	49.71	80.83	60.83	-29.27	-11.12	H	156	93	Compliant
1735.68	57.26	53.20	80.83	60.83	-23.57	-7.63	H	117	229	Compliant
2169.60	61.24	56.24	80.83	60.83	-19.59	-4.59	H	240	345	Compliant
2603.52	59.21	54.09	80.83	60.83	-21.62	-6.74	H	117	347	Compliant
3037.44	60.13	57.46	80.83	60.83	-20.70	-3.37	H	121	330	Compliant
3471.36	59.84	56.34	80.83	60.83	-20.99	-4.49	H	239	329	Compliant
3905.28	55.71	50.72	80.83	60.83	-25.12	-10.11	V	126	158	Compliant
4339.20	55.15	50.11	80.83	60.83	-25.68	-10.72	H	181	165	Compliant

7. Measurement Data (continued)

7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231, Section (b))

Requirement: The spurious radiated emissions requirements for intentional radiators shall demonstrate compliance with the field strength limits detailed in Part 15.231, Section b, based on the average value of the measured emissions. As an alternative, compliance with the limits in the above table may be based on the use of measurement instrumentation with a CISPR quasi-peak detector.

Procedure: This test was performed in accordance with the information provided in 47CFR Part 15.231, Section (b).

Test measurements were made in accordance with ANSI C63.10-2020, American National Standard for Testing Unlicensed Wireless Devices.

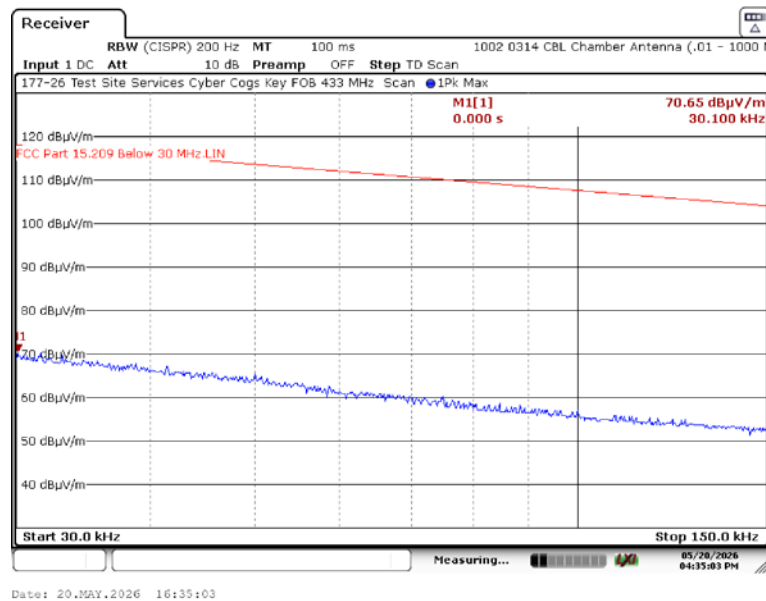
Conclusion: Compliant - The Emissions from the DUT did not exceed the field strength levels specified in Part 15.231, Section (b).

7. Measurement Data (continued)

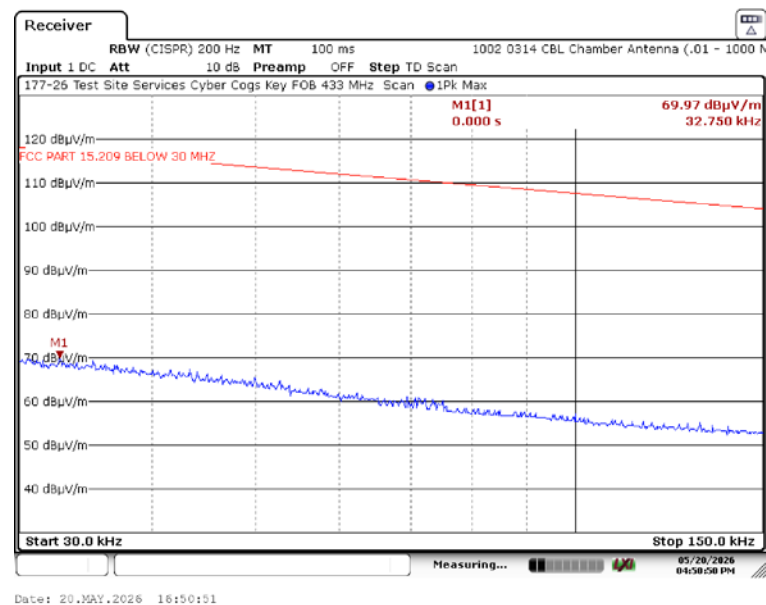
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.1. Spurious Radiated Emissions, 30 kHz to 150 kHz Test Results

7.5.1.1. Parallel Antenna, X-Axis



7.5.1.2. Perpendicular Antenna, X-Axis

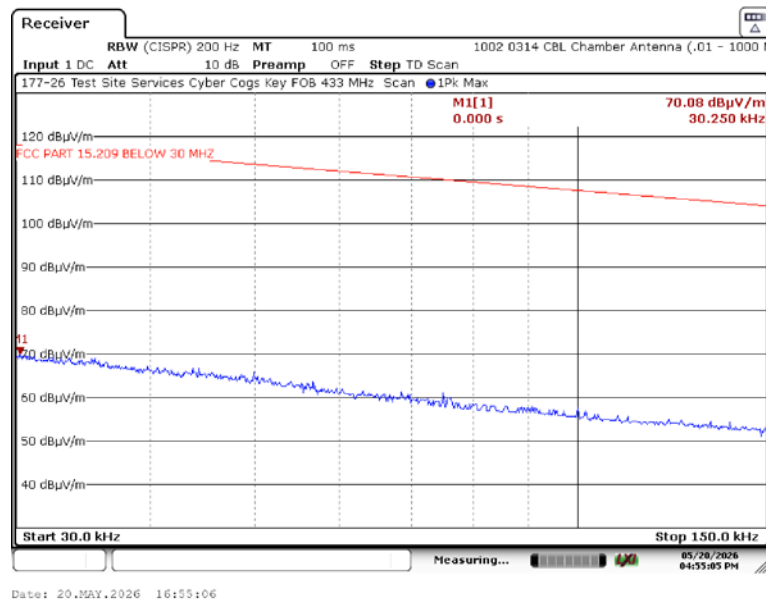


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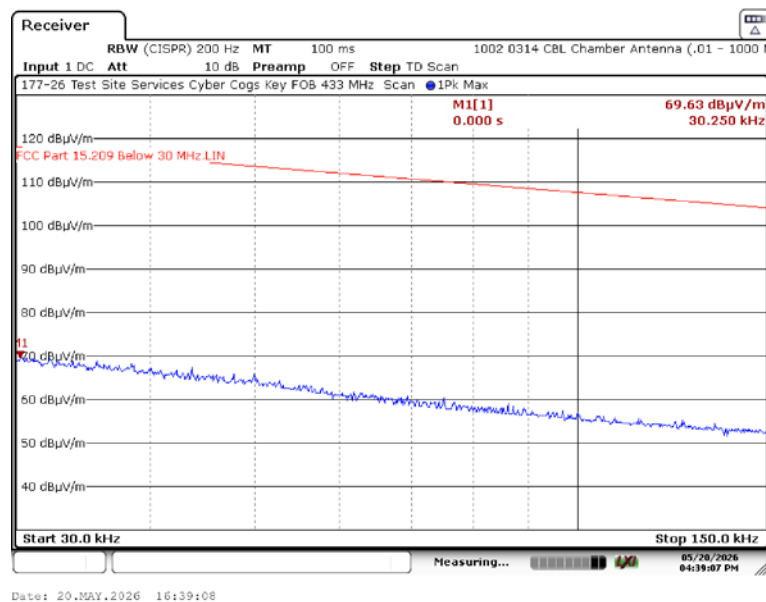
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.1. Spurious Radiated Emissions, 30 kHz to 150 kHz Test Results

7.5.1.3. Ground Parallel Antenna, X-Axis



7.5.1.4. Parallel Antenna, Y-Axis

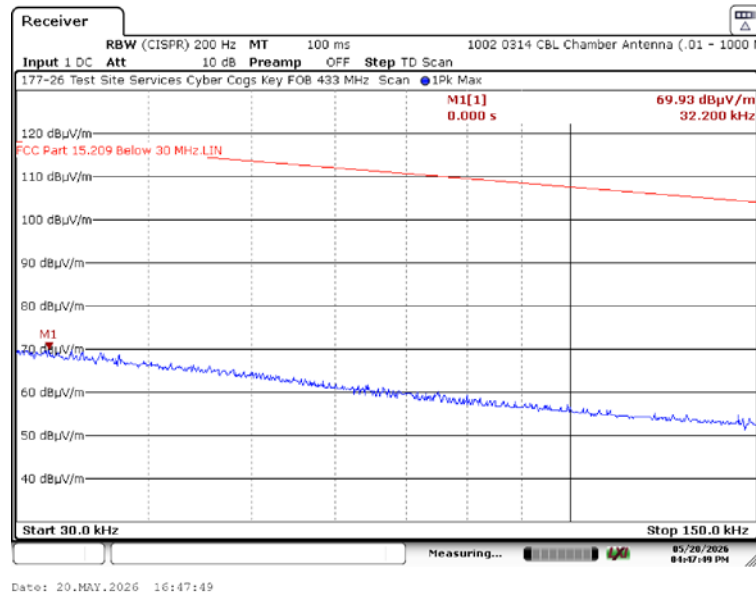


7. Measurement Data (continued)

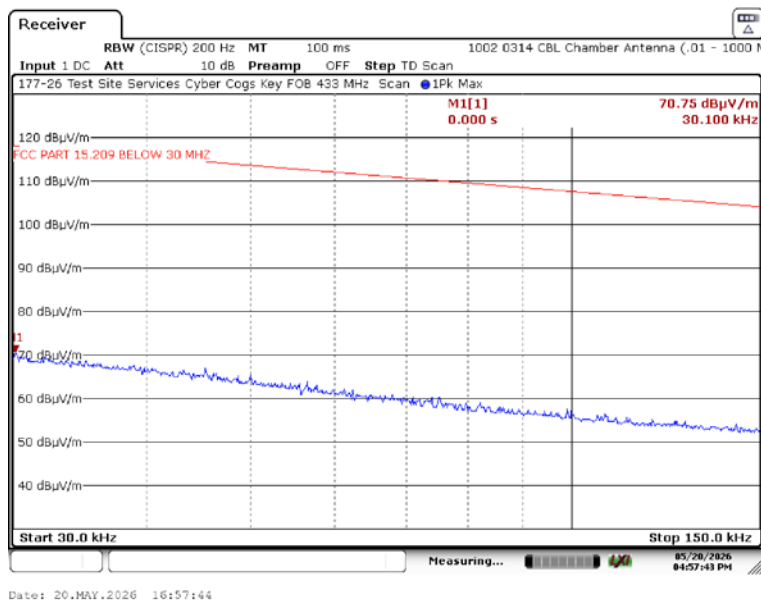
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.1. Spurious Radiated Emissions, 30 kHz to 150 kHz Test Results

7.5.1.5. Perpendicular Antenna, Y-Axis



7.5.1.6. Ground Parallel Antenna, Y-Axis

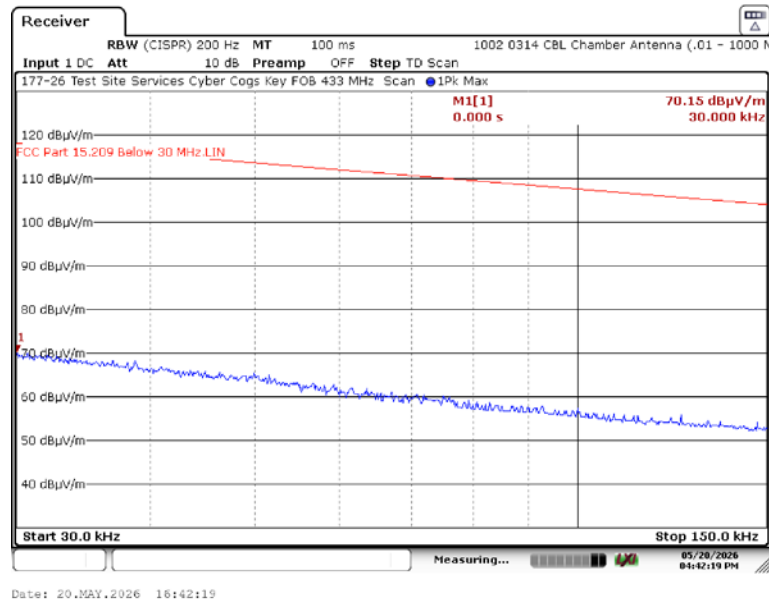


7. Measurement Data (continued)

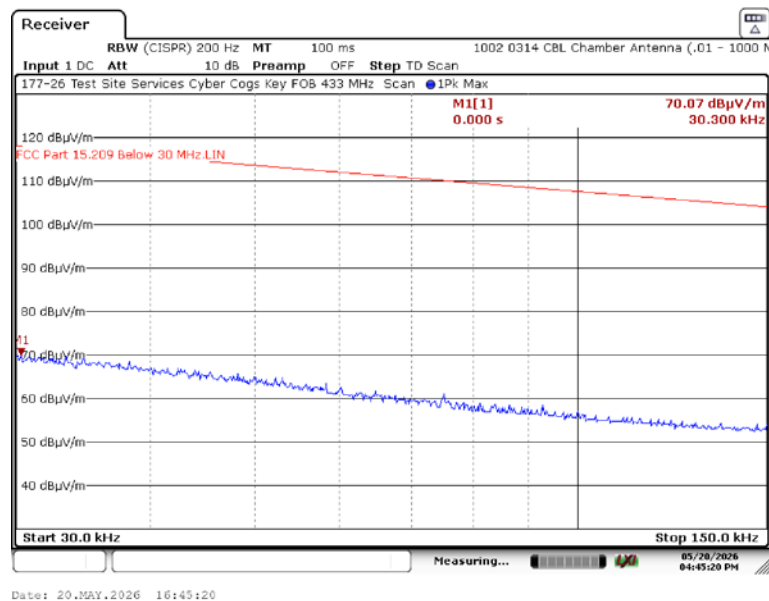
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.1. Spurious Radiated Emissions, 30 kHz to 150 kHz Test Results

7.5.1.7. Parallel Antenna, Z-Axis



7.5.1.8. Perpendicular Antenna, Z-Axis

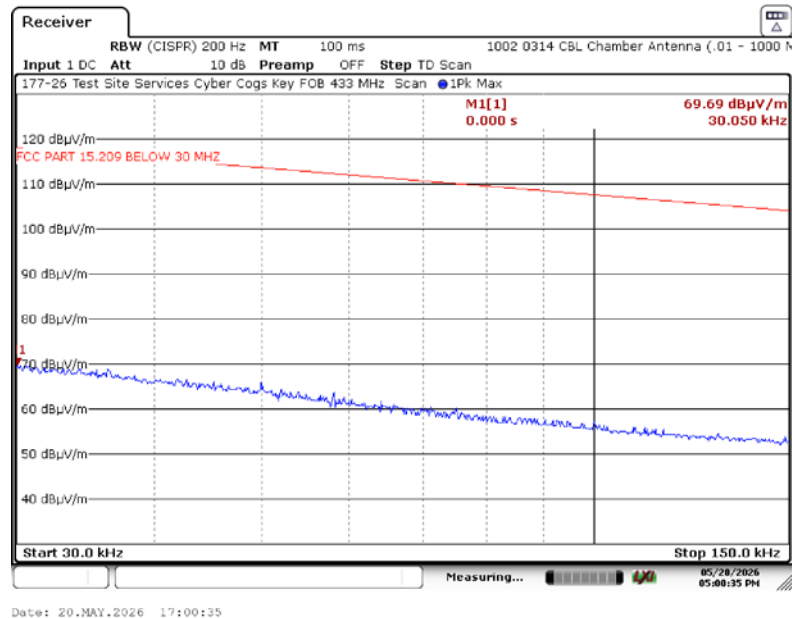


7. Measurement Data (continued)

7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.1. Spurious Radiated Emissions, 30 kHz to 150 kHz Test Results

7.5.1.9. Ground Parallel Antenna, Z-Axis

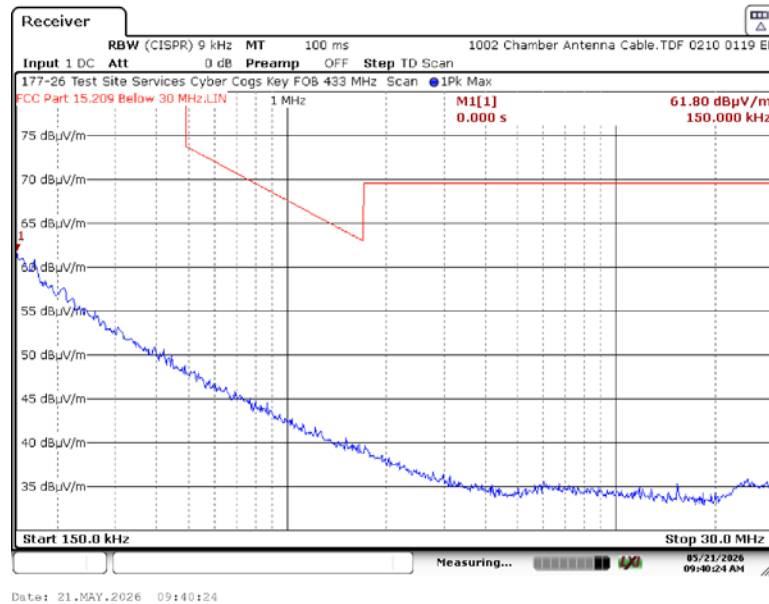


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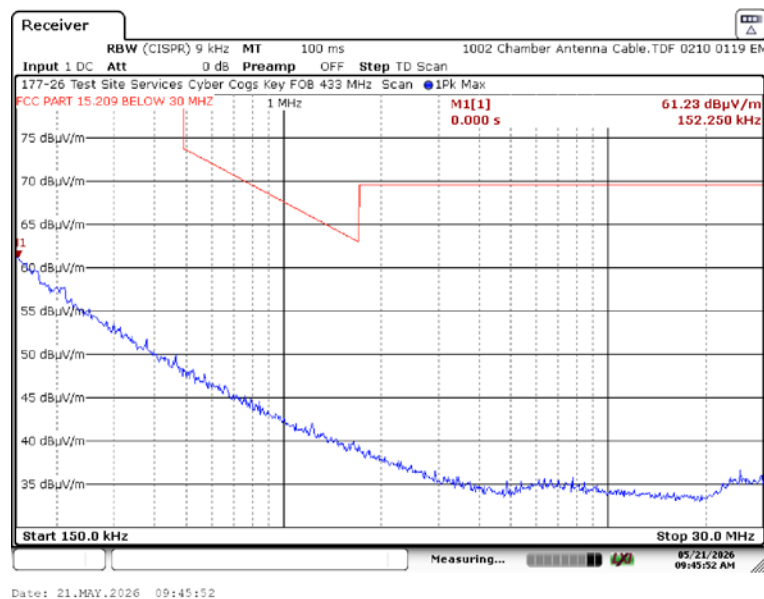
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.2. Spurious Radiated Emissions, 150 kHz to 30 MHz Test Results

7.5.2.1. Parallel Antenna, X-Axis



7.5.2.2. Perpendicular Antenna, X-Axis

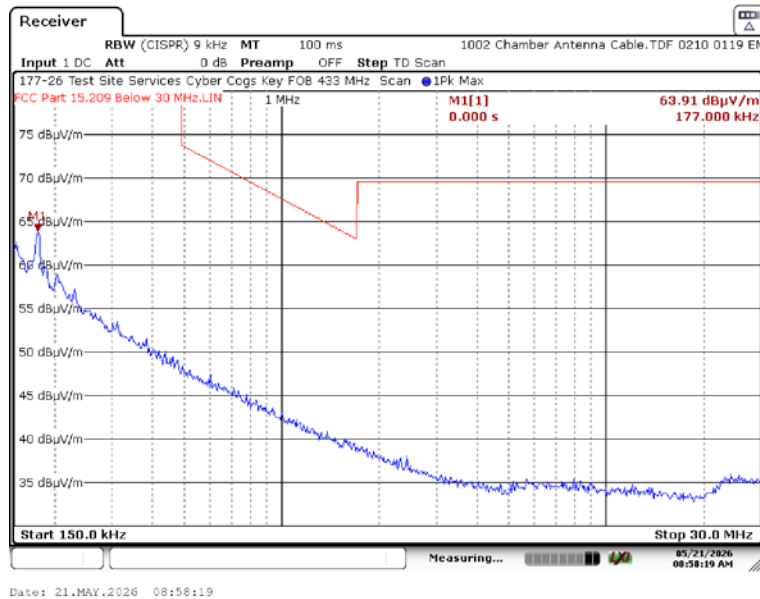


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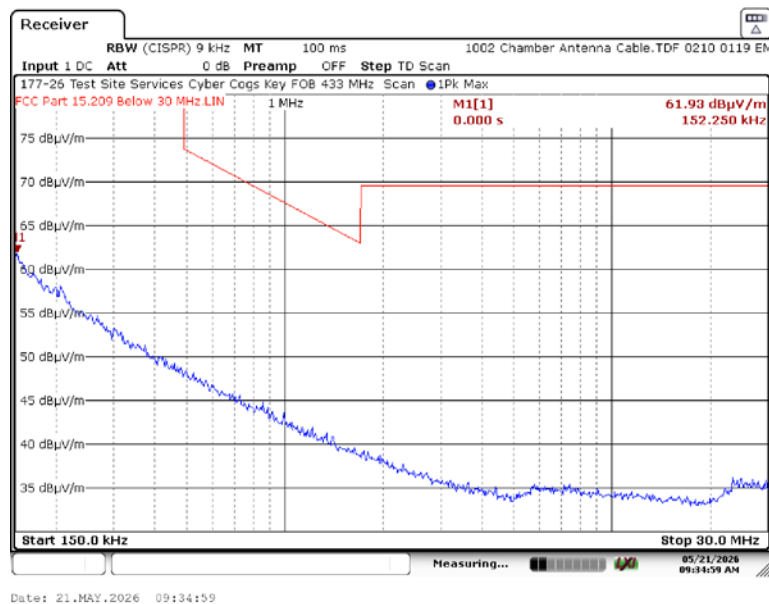
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.2. Spurious Radiated Emissions, 150 kHz to 30 MHz Test Results

7.5.2.3. Ground Parallel Antenna, X-Axis



7.5.2.4. Parallel Antenna, Y-Axis

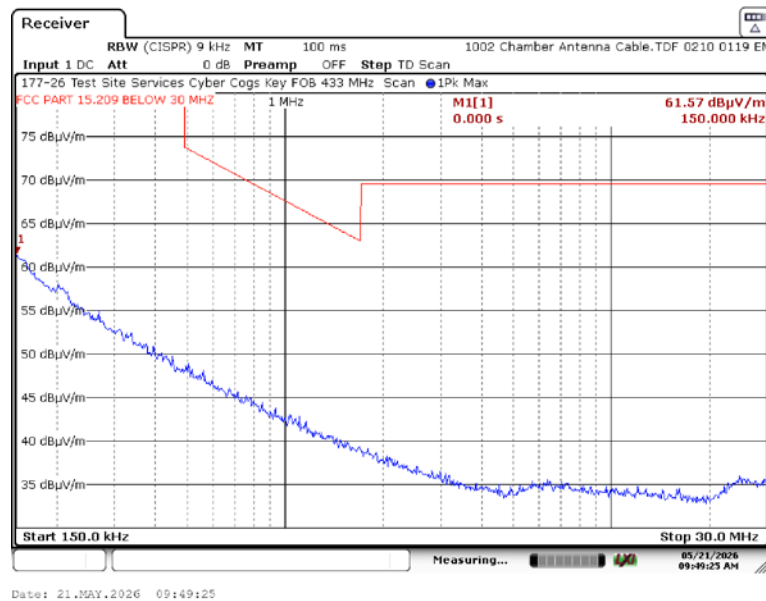


7. Measurement Data (continued)

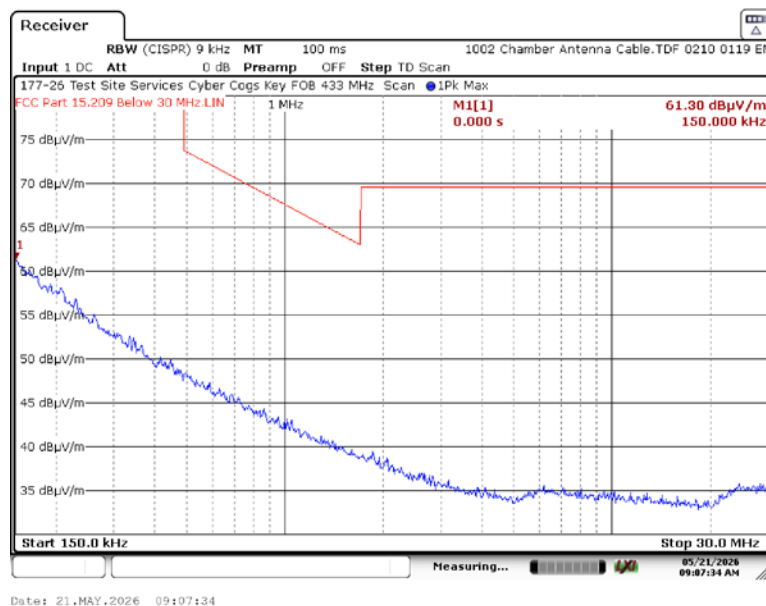
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.2. Spurious Radiated Emissions, 150 kHz to 30 MHz Test Results

7.5.2.5. Perpendicular Antenna, Y-Axis



7.5.2.6. Ground Parallel Antenna, Y-Axis

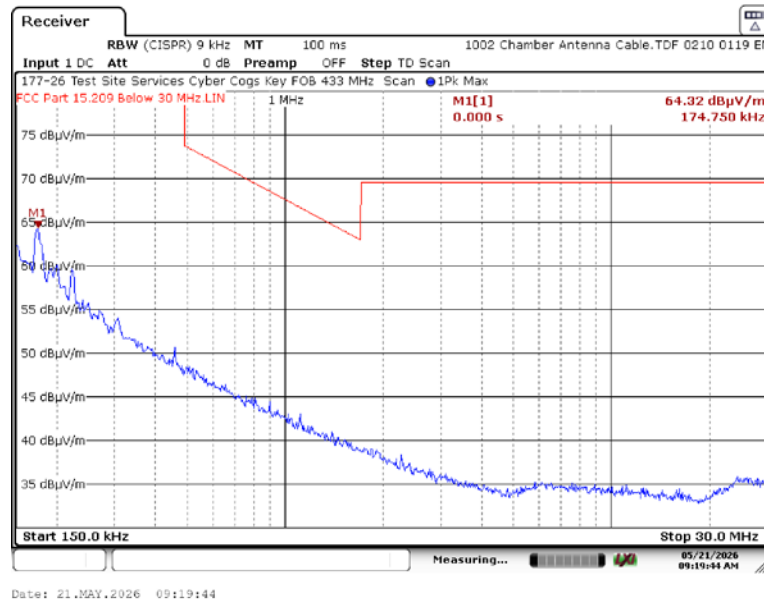


7. Measurement Data (continued)

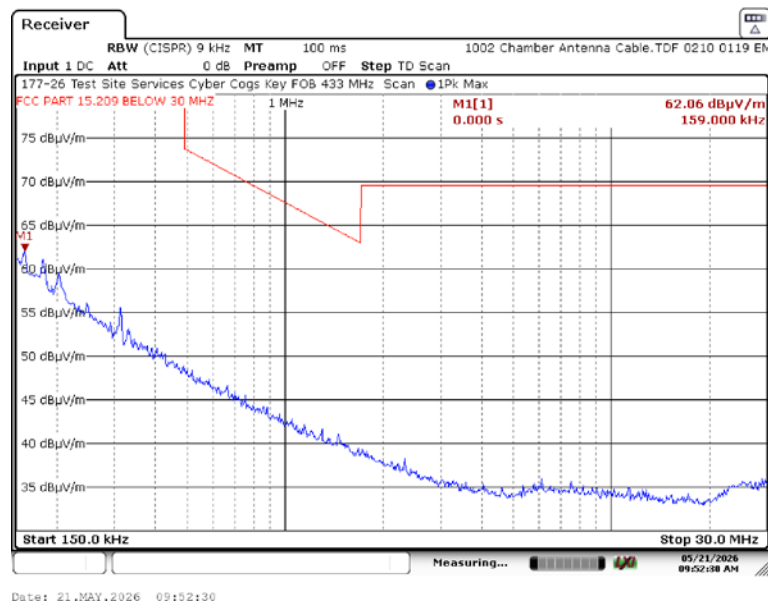
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.2. Spurious Radiated Emissions, 150 kHz to 30 MHz Test Results

7.5.2.7. Parallel Antenna, Z-Axis



7.5.2.8. Perpendicular Antenna, Z-Axis

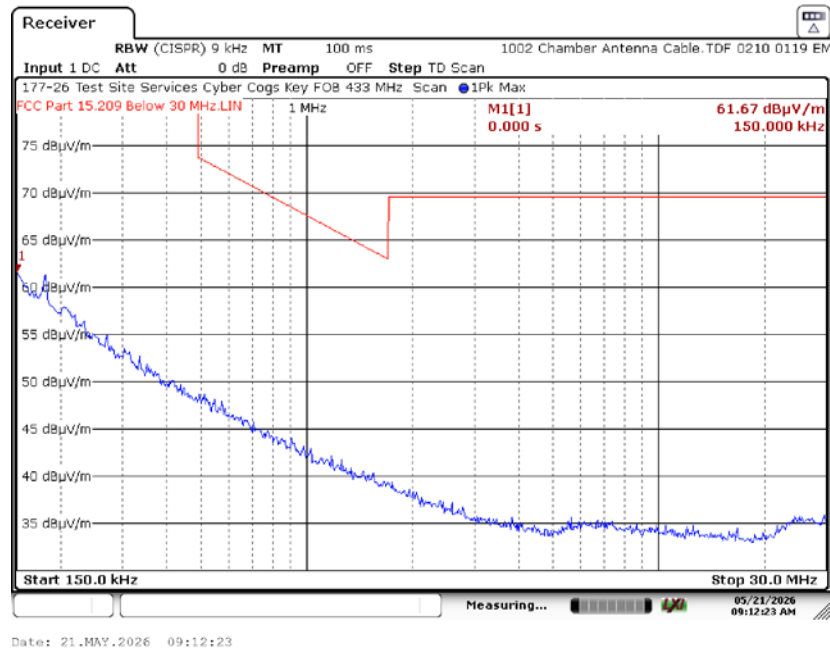


7. Measurement Data (continued)

7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.2. Spurious Radiated Emissions, 150 kHz to 30 MHz Test Results

7.5.2.9. Ground Parallel Antenna, Z-Axis

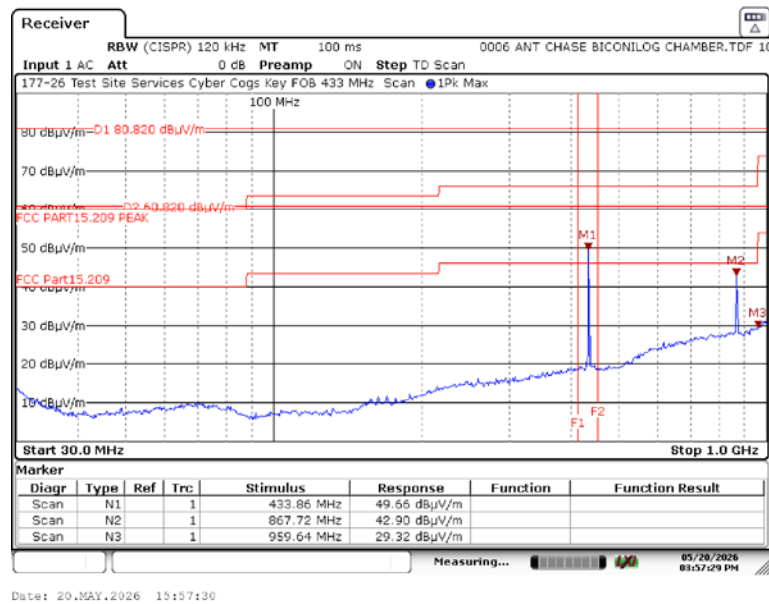


7. Measurement Data (continued)

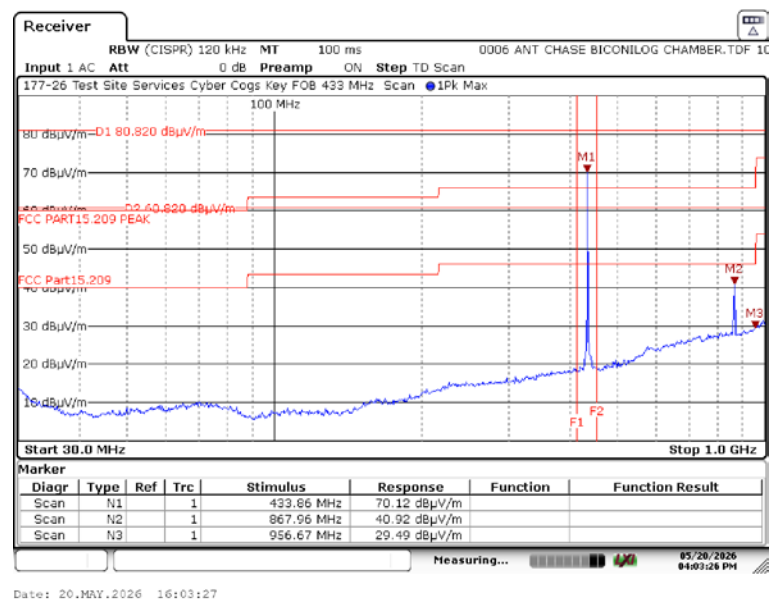
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.3. Spurious Radiated Emissions, 30 MHz to 1 GHz Test Results

7.5.3.1. Horizontal Polarity, X-Axis



7.5.3.2. Vertical Polarity, X-Axis

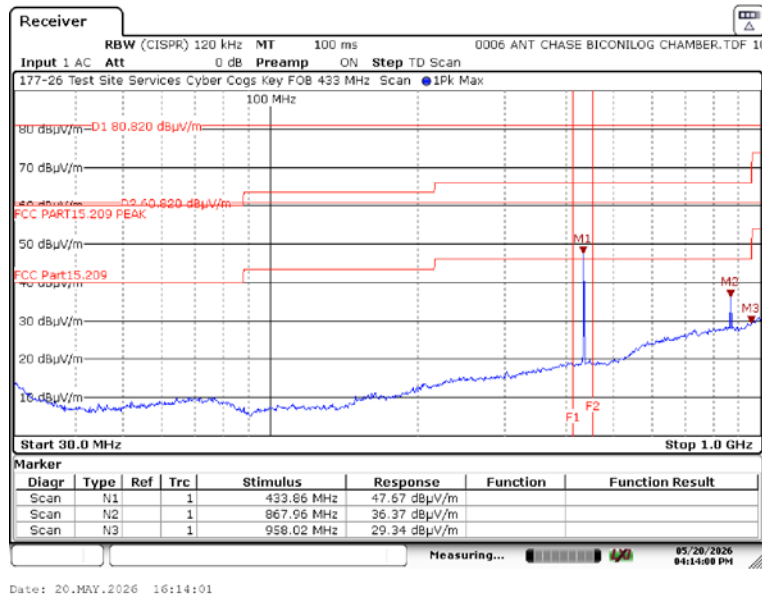


7. Measurement Data (continued)

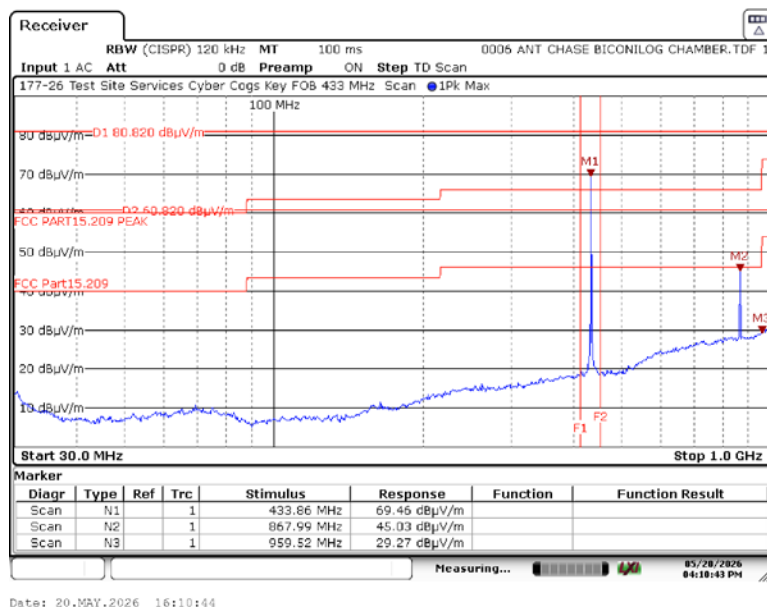
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.3. Spurious Radiated Emissions, 30 MHz to 1 GHz Test Results

7.5.3.3. Horizontal Polarity, Y-Axis



7.5.3.4. Vertical Polarity, Y-Axis

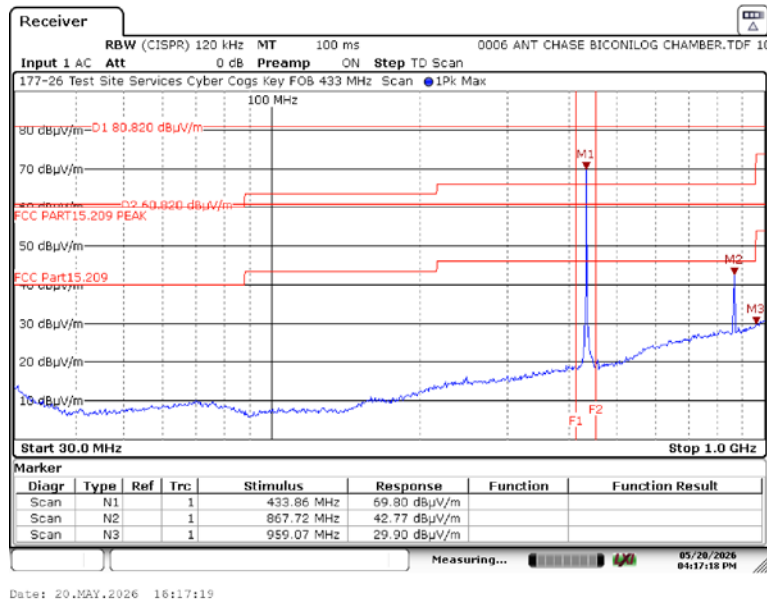


7. Measurement Data (continued)

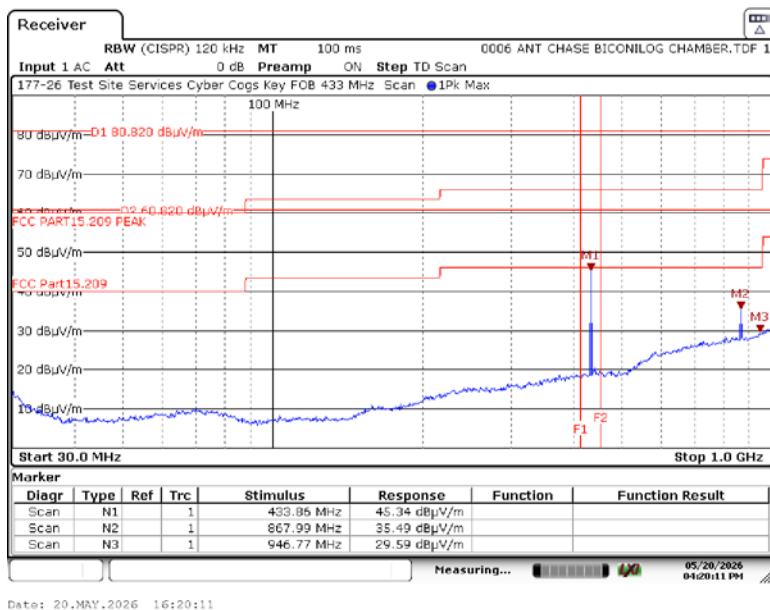
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.3. Spurious Radiated Emissions, 30 MHz to 1 GHz Test Results

7.5.3.5. Horizontal Polarity, Z-Axis



7.5.3.6. Vertical Polarity, Z-Axis

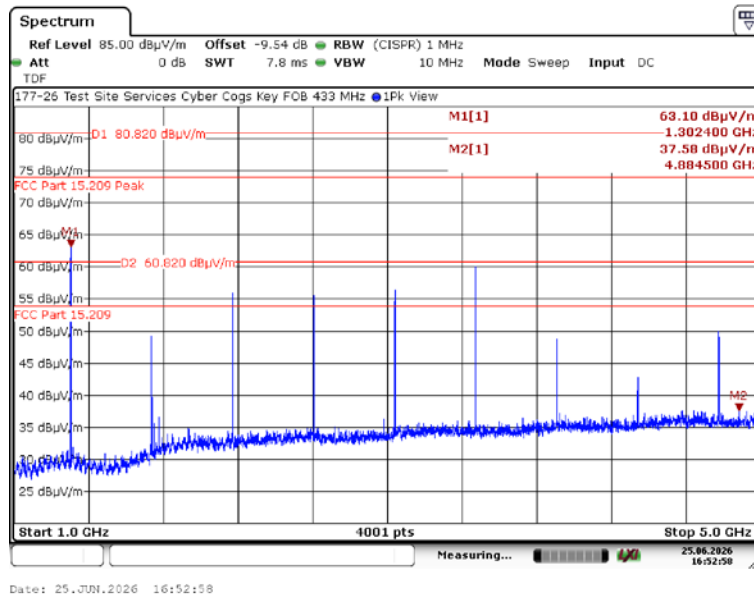


7. Measurement Data (continued)

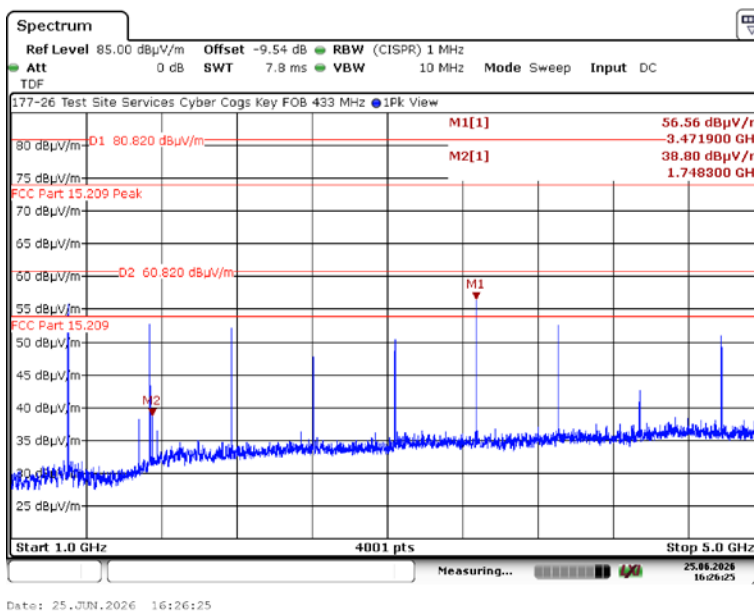
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.4. Spurious Radiated Emissions, 1 to 5 GHz Test Results

7.5.4.1. Horizontal Polarity, X-Axis



7.5.4.2. Vertical Polarity, X-Axis

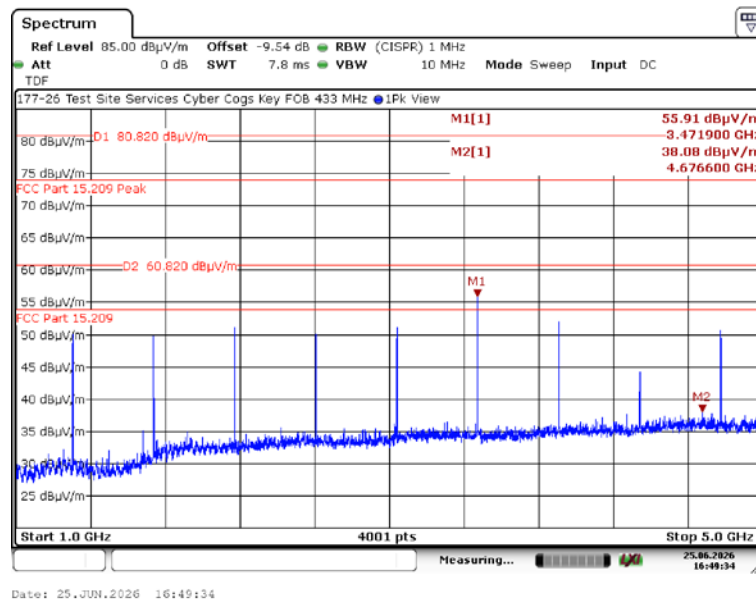


7. Measurement Data (continued)

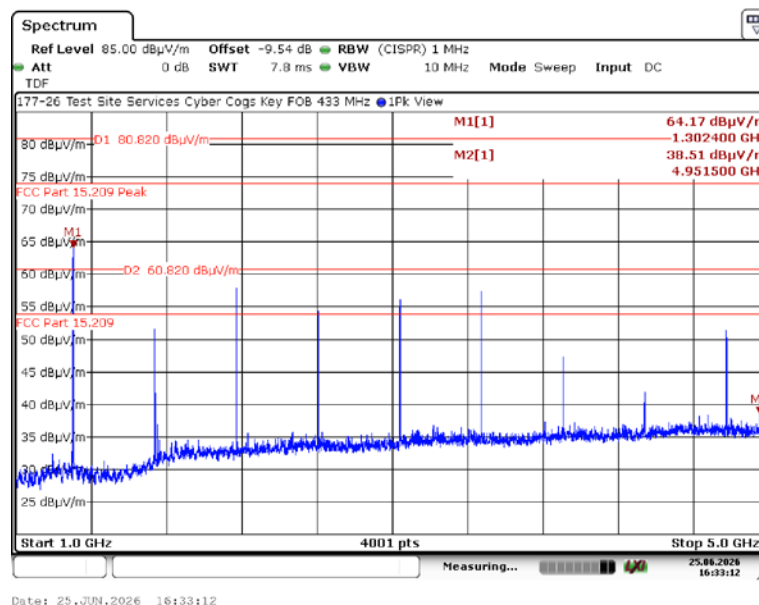
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.4. Spurious Radiated Emissions, 1 to 5 GHz Test Results

7.5.4.3. Horizontal Polarity, Y-Axis



7.5.4.4. Vertical Polarity, Y-Axis

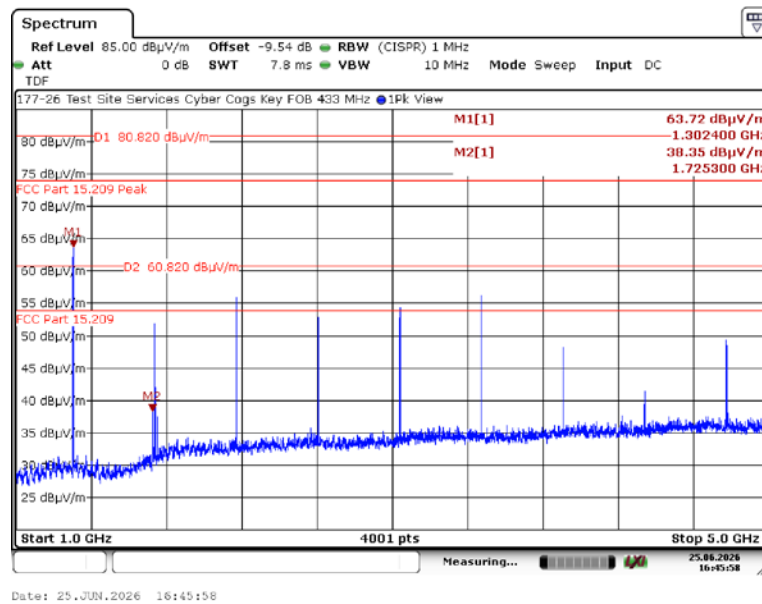


7. Measurement Data (continued)

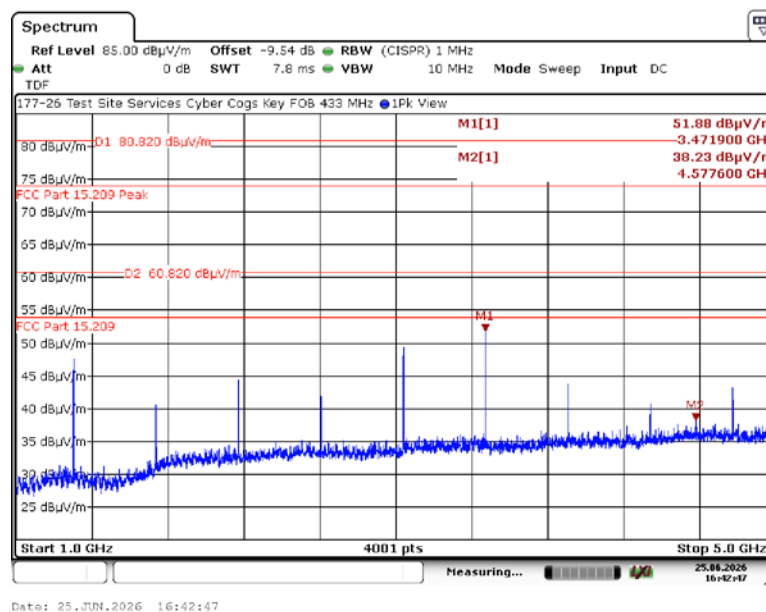
7.5. Spurious Radiated Emissions, 30 kHz to 5 GHz (15.231(b)) (continued)

7.5.4. Spurious Radiated Emissions, 1 to 5 GHz Test Results

7.5.4.5. Horizontal Polarity, Z-Axis



7.5.4.6. Vertical Polarity, Z-Axis



7. Measurement Data (continued)

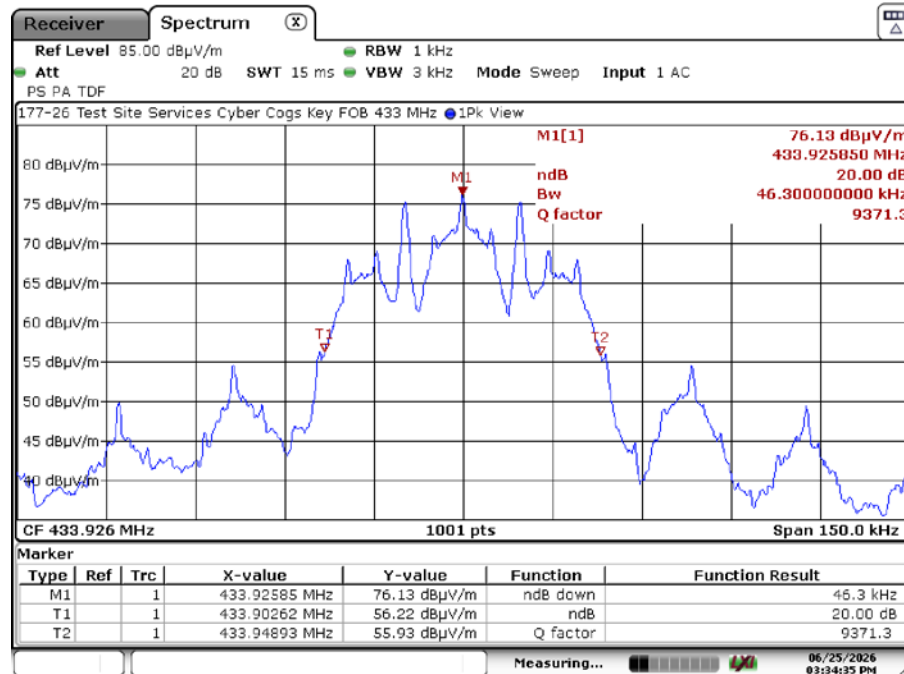
7.6. Emission Bandwidth (FCC P15.231 (c))

Requirement: The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. Bandwidth is determined at the points 20 dB down from the modulated carrier.

Test Note: Reference ANSI C63.10:2020, Section 6.9.2. The span range for the SA display shall be between two and five times the OBW. The nominal IF filter bandwidth (3 dB RBW) should be approximately 1% to 5% of the OBW, unless otherwise specified, depending on the applicable requirement. The dynamic range of the SA at the selected RBW shall be more than 10 dB below the target "dB down" (attenuation) requirement.

Conclusion: Compliant - The DUT emission bandwidth meets the above requirement.

Fundamental Frequency	-20 dB Bandwidth	Limit	Result
(MHz)	(MHz)	(MHz)	
433.92	0.0463	1.0848	Compliant



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7. Measurement Data (continued)

7.7. Conducted Emissions Test Setup

7.7.1. Regulatory Limit: FCC Part 15.207

Frequency Range (MHz)	Limits (dBμV)	
	Quasi-Peak	Average
0.15 to 0.50	66 to 56*	56 to 46*
0.50 to 5.0	56	46
5.0 to 30.0	60	50

* Decreases with the logarithm of the frequency.

7.7.2. Measurement Equipment and Software Used to Perform Test

Device	Manufacturer	Model No.	Serial No.	Cal Due
LISN	EMCO	3825/2	9109-1860	3/28/2027
EMI Test Receiver	Rohde & Schwarz	ESR7	101770	7/23/2027
Manufacturer	Software Description		Title/Model #	Rev.
Compliance Worldwide	Test Report Generation Software		Test Report Generator	1.0

7.7.3. Measurement & Equipment Setup

Test Date:	N/A
Test Engineer:	N/A
Site Temperature (°C):	N/A
Relative Humidity (%RH):	N/A
Frequency Range:	0.15 MHz to 30 MHz
EMI Receiver IF Bandwidth:	9 kHz
EMI Receiver Avg Bandwidth:	≥ 3 * RBW or IF(BW)
Detector Functions:	Peak, Quasi-Peak. & Average
Measurement Uncertainty	± 3.40 dB

7.7.4. Test Procedure

Test measurements were made in accordance with ANSI C63.4-2014, Standard Methods of Measurement of Radio Noise Emissions from Low-Voltage Electrical and Electronics Equipment in the Range of 9 kHz to 40 GHz.

Sample Calculation: Final Result = Measurement Value + LISN Factor + Cable Loss.

Note: All correction factors are loaded into the measurement instrument prior to testing to determine the final result.

8. Test Site Description

Compliance Worldwide is located at 357 Main Street in Sandown, New Hampshire. The test sites at Compliance Worldwide are used for conducted and radiated emissions testing in accordance with the Federal Communications Commission (FCC) and Innovation Science and Economic Development Canada (ISED) standards. Through our American Association for Laboratory Accreditation (A2LA) ISO Guide 17025 Accreditation our test sites are designated with the FCC (designation number **US1091**) and Industry Canada (file number **IC 3023A-1**).

Compliance Worldwide is also designated as a Phase 1 CAB under APEC-MRA (US0132) for Australia/New Zealand AS/NZS CISPR 11, AS/NZS CISPR 14-1, AS/NZS CISPR 15, AS/NZS CISPR 32, Chinese-Taipei (Taiwan) BSMI CNS 15936 and Korea (RRA) KS C 9811, KS C 9814-1, KS C 9815, KS C 9832, KS C 9610-6-3 & KS C 9610-6-4.

The radiated emissions test site is a 3-and 10-meter enclosed open area test site (OATS). Personnel, support equipment and test equipment are located in the basement beneath the OATS ground plane.

The conducted emissions site is part of a 16' x 20' x 12' ferrite tile chamber and uses one of the walls for the vertical ground plane required by EN 55022. A second conducted emissions site is also located in the basement of the OATS site with a 2.3 x 2.5-meter ground plane and a 2.4 x 2.4-meter vertical wall.

The radiated emissions test site for measurements above 1GHz is a 3 Meter open area test site (OATS) with a 3.6 by 3.6-meter anechoic absorber floor patch to achieve a quasi-free space measurement environment per ANSI C63.4/C63.10 and CISPR 16-1-4 standards.

The sites are designed to test products or systems 1.5 meters W x 1.5 meters L x 2.0 meters H, floor standing or tabletop.

9. Test Setup Photographs

9.1. Radiated Emissions Front View (Below 30 MHz)



9. Test Setup Photographs

9.2. Radiated Emissions Rear View < 30 MHz



9. Test Setup Photographs

9.3. Radiated Emissions Front View 30 MHz – 1 GHz



9. Test Setup Photographs

9.4. Radiated Emissions Rear View 30 MHz – 1 GHz



9. Test Setup Photographs

9.5. Radiated Emissions Front View > 1 GHz



9. Test Setup Photographs

9.6. Radiated Emissions Rear View > 1 GHz

