

Life Sensing Instruments, Inc.

EMC TEST REPORT FOR

AxisO2 Transmitter

Tested to The Following Standards:

SpecLimit:

FCC Part 95 SUBPART H

Report No.: 111600-7

Date of issue: March 17, 2026



Test Certificate # 803.01

This test report bears the accreditation symbol indicating that the testing performed herein meets the test and reporting requirements of ISO/IEC 17025 under the applicable scope of testing for CKC Laboratories, Inc.

We strive to create long-term, trust based relationships by providing sound, adaptive, customer first testing services. We embrace each of our customers' unique EMC challenges, not as an interruption to set processes, but rather as the reason we are in business.

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TABLE OF CONTENTS

Administrative Information	3
Test Report Information	3
Report Authorization	3
Test Facility Information	4
Software Versions	4
Site Registration & Accreditation Information	4
Summary of Results	5
Standard / Specification: FCC Part 95 Subpart H	5
Modifications During Testing	5
Conditions During Testing	5
Equipment Under Test (EUT)	6
General Product Information	7
FCC Part 95 Subpart H	14
95.2369 WMTS Field Strength Limits	14
2.1049 20dB Bandwidth	24
95.2379(a)/95.2379(b) WMTS Unwanted Emissions Limits	29
95.2365 WMTS frequency accuracy	74
Supplemental Information	79
Measurement Uncertainty	79
Emissions Test Details	79

Administrative Information

Test Report Information

REPORT PREPARED FOR:

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Charlotte, NC 28273

Representatives:

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Customer Reference Number: 7133

REPORT PREPARED BY:

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Project Number: 111600

DATE OF EQUIPMENT RECEIPT:

January 19, 2026

DATE(S) OF TESTING:

January 20, 22, and 23, 2026
and February 3, 5, 6, 10, and 11, 2026

Report Authorization

The test data contained in this report documents the observed testing parameters pertaining to and are relevant for only the equipment provided by the client, tested in the agreed upon operational mode(s) and configuration(s) as identified herein. Compliance assessment remains the client's responsibility. This report may not be used to claim product endorsement by A2LA or any government agencies. This test report has been authorized for release under quality control from CKC Laboratories, Inc.

A handwritten signature in black ink that reads "Steve Behm".

Steve Behm
Director of Quality Assurance & Engineering Services
CKC Laboratories, Inc.

Test Facility Information



Our laboratories are configured to effectively test a wide variety of product types. CKC utilizes first class test equipment, anechoic chambers, data acquisition and information services to create accurate, repeatable and affordable test results.

TEST LOCATION(S):
CKC Laboratories, Inc.
110 North Olinda Place
Brea, CA 92823

Software Versions

CKC Laboratories Proprietary Software	Version
EMITest Emissions	5.03.20
EMITest Immunity	5.03.10

Site Registration & Accreditation Information

Location	*NIST CB #	FCC	Canada	Japan
Canyon Park, Bothell, WA	US0103	US1024	3082C	A-0136
Brea, CA	US0103	US1024	3082D	A-0136
Fremont, CA	US0103	US1024	3082B	A-0136
Mariposa, CA	US0103	US1024	3082A	A-0136

*CKC's list of NIST designated countries can be found at: <https://standards.gov/cabs/designations.html>

Summary of Results

Standard / Specification: FCC Part 95 Subpart H

Test Procedure	Description	Modifications	Results
95.2369	WMTS field strength limits	Mod. #1	Pass
2.1049	Occupied bandwidth	Mod. #1	Pass
95.2379(a) 95.2379(b)	WMTS unwanted emissions limits	Mod. #1	Pass
95.2365	WMTS frequency accuracy	Mod. #1	Pass

NA = Not applicable

ISO/IEC 17025 Decision Rule

The equipment sample utilized for testing is selected by the manufacturer. The declaration of pass or fail herein is a binary statement for simple acceptance rule (ILAC G8) based upon assessment to the specification(s) listed above, without consideration of measurement uncertainties. For performance related tests, equipment was monitored for specified criteria identified in that section of testing.

Modifications During Testing

This list is a summary of the modifications made to the equipment during testing.

Summary of Conditions

Modification. #1: Test procedure 95.2369
The transmit output power setting was reduced by two less than the setting for maximum output power. Maximum power setting 40, reduced power setting 38. This applies to the 608MHz to 614MHz band only.

Modifications listed above must be incorporated into all production units.

Conditions During Testing

This list is a summary of the conditions noted to the equipment during testing.

Summary of Conditions

None

Equipment Under Test (EUT)

During testing numerous configurations may have been utilized. The configurations listed below support compliance to the standard(s) listed in the Summary of Results section.

Configuration 1

Equipment Tested:

Device	Manufacturer	Model #	S/N
AxisO2 Transmitter	Life Sensing Instruments, Inc.	AxisO2 Transmitter	00001318

Support Equipment:

Device	Manufacturer	Model #	S/N
Nexus Telemetry Receiver	Life Sensing Instruments, Inc.	Nexus	1209
Laptop Computer	Lenovo	20L5-001GUS	PF-1QJW TJ

Configuration 2

Equipment Tested:

Device	Manufacturer	Model #	S/N
AxisO2 Transmitter	Life Sensing Instruments, Inc.	AxisO2 Transmitter	00001320

Support Equipment:

Device	Manufacturer	Model #	S/N
Nexus Telemetry Receiver	Life Sensing Instruments, Inc.	Nexus	1209
Laptop Computer	Lenovo	20L5-001GUS	PF-1QJW TJ

General Product Information

Description of EUT
AxisO2 WMTS Transmitter

Product Information	Manufacturer-Provided Details
Operating Frequencies Tested:	608.300MHz, 613.700MHz, 1395.300MHz, 1399.650MHz, 1427.300MHz, 1431.800MHz
Equipment Type:	Stand-Alone Equipment
Type of Wideband System:	DTS
Maximum Duty Cycle:	39%
Modulation Type(s):	4GFSK
Number of TX Chains:	1
Beamforming Type:	N/A
Antenna Type(s) and Gain:	Dipole Flex Film / NA
Antenna Connection Type:	Integral
Nominal Input Voltage:	(4) AAA Batteries
Firmware / Software Version(s):	Revision 54
Firmware / Software Description:	AxisO2 Firmware
Firmware / Software Setting(s):	N/A
Tune-up or Adjustment(s):	Tune up can be the command that is sent to the AxisO2 using tera term. There are no adjustments.
The validity of results is dependent on the stated product details, the accuracy of which the manufacturer assumes full responsibility.	

EUT and Accessory Photo(s)



Overall View of EUT



EUT, View 1



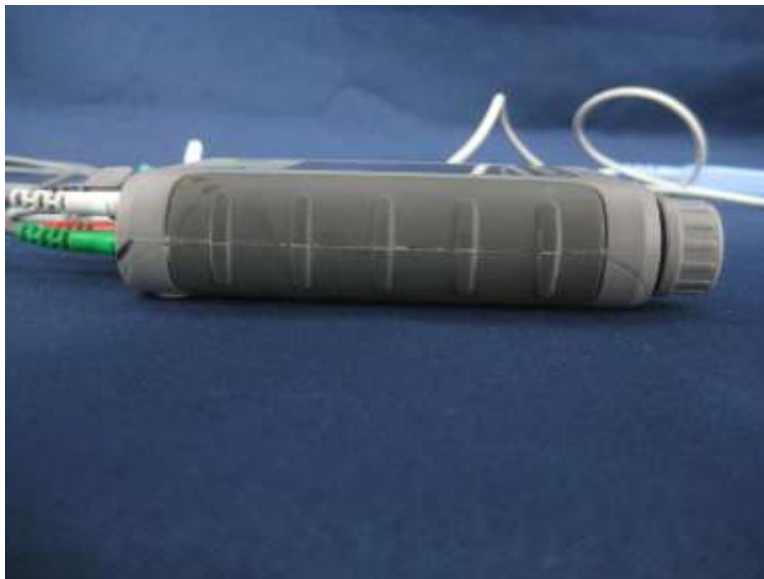
EUT, View 2



EUT, View 3



EUT, View 4



EUT, View 5



EUT, View 6

Support Equipment Photo(s)



Computer

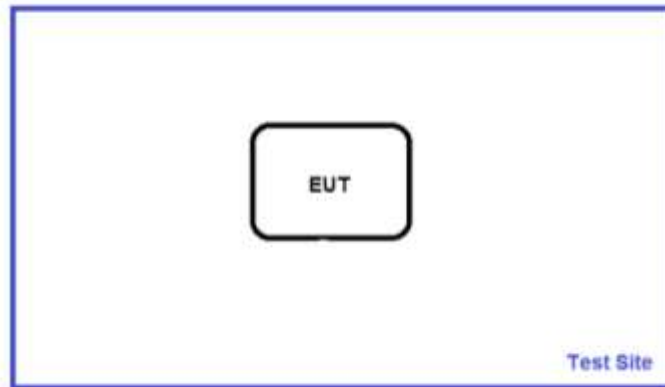


Receiver

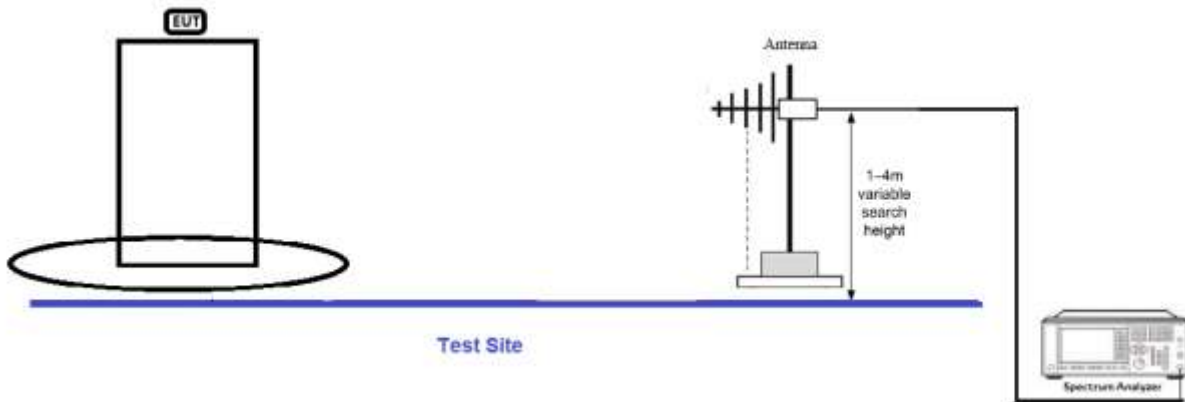
Block Diagram(s) of Test Setup

Config#	Setup Description of Block Diagram
Generic Block Diagram EUT	General EUT equipment setup
Generic Block Diagram	General setup for radiated emissions testing on OATS

Generic Block Diagram EUT Test Setup Block Diagram



Generic Block Diagram



FCC PART 95 SUBPART H

95.2369 WMTS Field Strength Limits

Test Setup/Conditions			
Test Location:	Brea Lab A and D	Test Engineer:	S. Yamamoto/K. Navarro
Test Method:	ANSI C63.26 (2015)	Test Date(s):	1/22/2026, 1/23/2026, 2/3/2026
Configuration:	1		
Test Setup:	The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new internal AAA batteries. The EUT is set up to transmit on the lowest and highest channels within each of its three transmit bands (608MHz to 614MHz. 1395MHz to 1400MHz. 1427MHz to 1432MHz). The EUT was tested in three orientations and the worst case emissions are reported.		
Declaration:	Modification #1 was in place during testing.		

Environmental Conditions			
Temperature (°C)	20	Relative Humidity (%):	52

Test Equipment					
Asset#	Description	Manufacturer	Model	Cal Date	Cal Due
02869	Spectrum analyzer	Agilent	E4440A	1/9/2026	1/9/2027
P04382	Cable	andrew	LDF-50	6/4/2024	6/4/2026
P08191	Cable	Andrews	ANDL1-PNMNM-50	11/11/2024	11/11/2026
01646	Horn antenna	Emco	3115	3/8/2024	3/8/2026
P07691	Cable	CommScope	LDF1-50	9/23/2024	9/23/2026
03873	Horn antenna	ETS-Lindgren	3115	9/4/2025	9/4/2027
03470	Spectrum analyzer	Agilent	E4440A	12/19/2025	12/19/2026
P05198	Cable	Belden	8268	1/10/2025	1/10/2027
03850	Biconilog antenna	ETS-Lindgren	3142E	5/23/2024	5/23/2026

Test Data Summary - Radiated Measurement					
Frequency (MHz)	Modulation	Ant. Type / Gain (dBi)	(mV/m)		Results
			Measured	Limit	
608.300	4GFSK	Dipole Flex Film / NA	105.9	≤200	Pass
613.700	4GFSK	Dipole Flex Film / NA	110.9	≤200	Pass
1395.300	4GFSK	Dipole Flex Film / NA	85.1	≤740	Pass
1399.650	4GFSK	Dipole Flex Film / NA	29.9	≤740	Pass
1427.300	4GFSK	Dipole Flex Film / NA	64.6	≤740	Pass
1431.800	4GFSK	Dipole Flex Film / NA	61.7	≤740	Pass

Test Data

Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
 Customer: **Life Sensing Instruments, Inc.**
 Specification: **95.2369 Radiated Emissions Field Strength**
 Work Order #: **111600** Date: 1/22/2026
 Test Type: **Radiated Scan** Time: 10:31:04
 Tested By: S. Yamamoto Sequence#: 1
 Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new internal AAA batteries (6VDC).

The EUT is set up to transmit on the lowest and highest channels within the 608MHz to 614MHz band.

Low channel 608.300MHz

High channel 613.700MHz

Power Setting 38

The EUT is tested in three orientations.

Data listed represents worse case readings.

Site A

Test Environment Conditions:

Temperature: 20°C

Humidity: 52%

Pressure: 99kPa

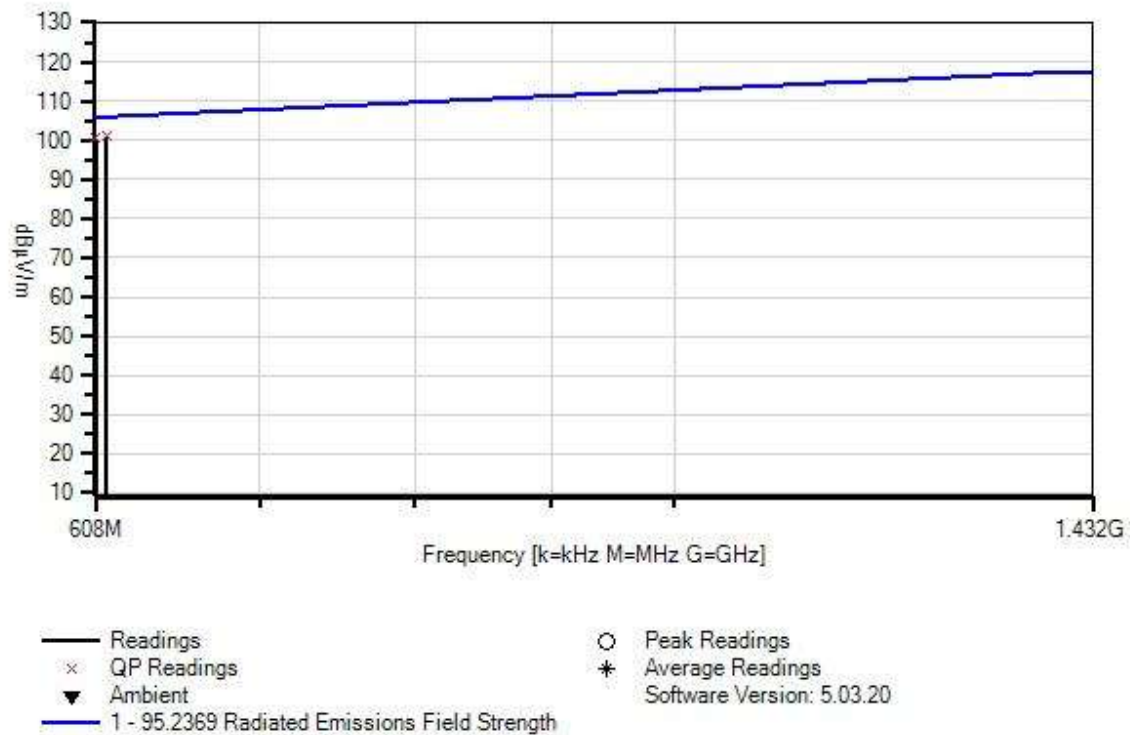
Test Method: ANSI C63.26 (2015)

RBW=120kHz

VBW=360kHz

Modification #1 was in place during testing.

Life Sensing Instruments, Inc. W/O#: 111600 Sequence#: 1 Date: 1/22/2026
95.2369 Radiated Emissions Field Strength Test Distance: 3 Meters Vert



Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN03470	Spectrum Analyzer	E4440A	7/29/2025	7/29/2026
T1	ANP05198	Cable-Amplitude +15C to +45C (dB)	RG214/U	1/10/2025	1/10/2027
T2	AN03850	Biconilog Antenna	3142E	5/23/2024	5/23/2026

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB			Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	613.700M	69.4	+4.8	+26.7			+0.0	100.9	106.0	-5.1	Vert
	QP										
^	613.700M	69.5	+4.8	+26.7			+0.0	101.0	106.0	-5.0	Vert
3	608.300M	69.2	+4.7	+26.6			+0.0	100.5	106.0	-5.5	Horiz
	QP										
^	608.300M	69.3	+4.7	+26.6			+0.0	100.6	106.0	-5.4	Horiz



Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
 Customer: **Life Sensing Instruments, Inc.**
 Specification: **95.2369 Radiated Emissions Field Strength**
 Work Order #: **111600** Date: 2/3/2026
 Test Type: **Radiated Scan** Time: 12:23:55
 Tested By: K. Navarro Sequence#: 3
 Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new internal AAA batteries (6VDC).

The EUT is set up to transmit on the lowest and highest channels within the 1395MHz to 1400MHz band.
High channel 1399.650MHz

The EUT is tested in three orientations.
Data listed represents worse case readings.

Site D

Test Environment Conditions:

Temperature: 20°C

Humidity: 52%

Pressure: 99kPa

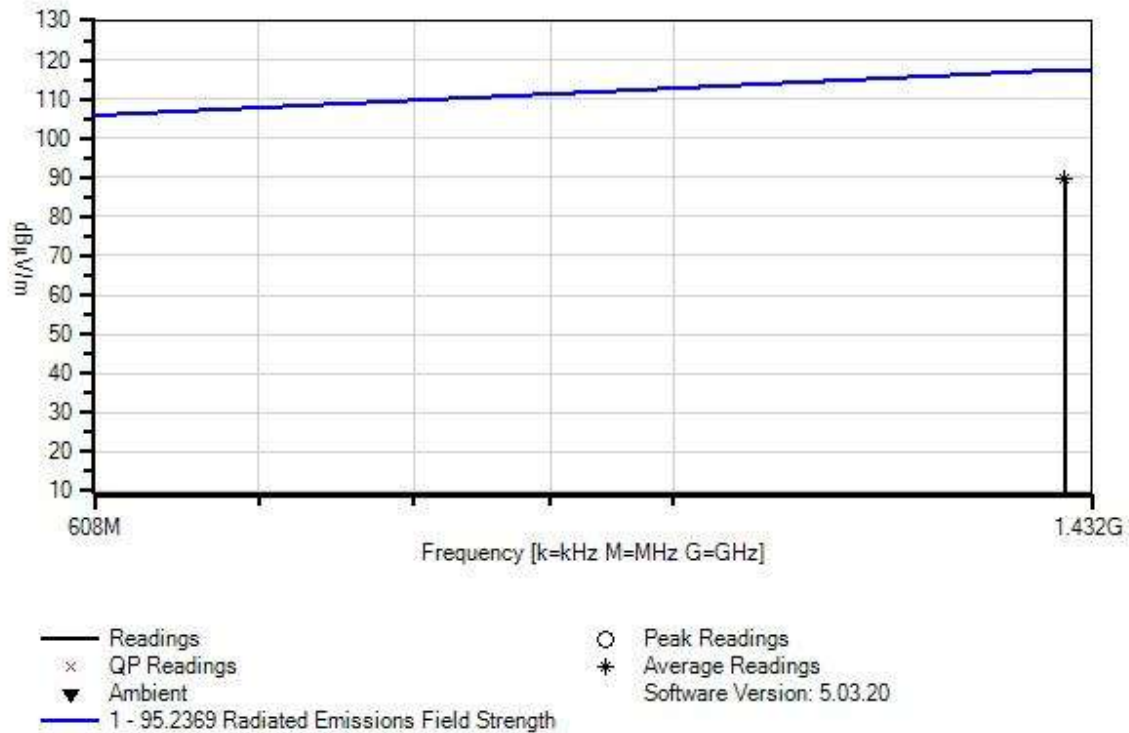
Test Method: ANSI C63.26 (2015)

RBW=1MHz

VBW=3MHz

Modification #1 was in place during testing.

Life Sensing Instruments, Inc. W/O#: 111600 Sequence#: 3 Date: 2/3/2026
95.2369 Radiated Emissions Field Strength Test Distance: 3 Meters Horiz



Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02869	Spectrum Analyzer	E4440A	1/9/2026	1/9/2027
T1	ANP04382	Cable	LDF-50	6/4/2024	6/4/2026
T2	ANP08191	Cable	ANDL1-PNMNM-50	11/11/2024	11/11/2026
T3	AN01646	Horn Antenna	3115	3/8/2024	3/8/2026

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	T3 dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	1399.650M	57.5	+4.1	+2.5	+25.4	+0.0	89.5	117.4	-27.9	Horiz
Ave										
^	1399.650M	65.8	+4.1	+2.5	+25.4	+0.0	97.8	117.4	-19.6	Horiz



Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
Customer: **Life Sensing Instruments, Inc.**
Specification: **95.2369 Radiated Emissions Field Strength**
Work Order #: **111600** Date: 1/23/2026
Test Type: **Radiated Scan** Time: 15:56:03
Tested By: S. Yamamoto Sequence#: 3
Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new internal AAA batteries (6VDC).

The EUT is setup to transmit on the lowest channel within the 1395MHz to 1400MHz band.
Low channel 1395.300MHz

The EUT is set up to transmit on the lowest and highest channels within the 1427MHz to 1432MHz band.
Low channel 1427.300MHz
High channel 1431.800MHz

The EUT is tested in three orientations.
Data listed represents worse case readings.

Site A

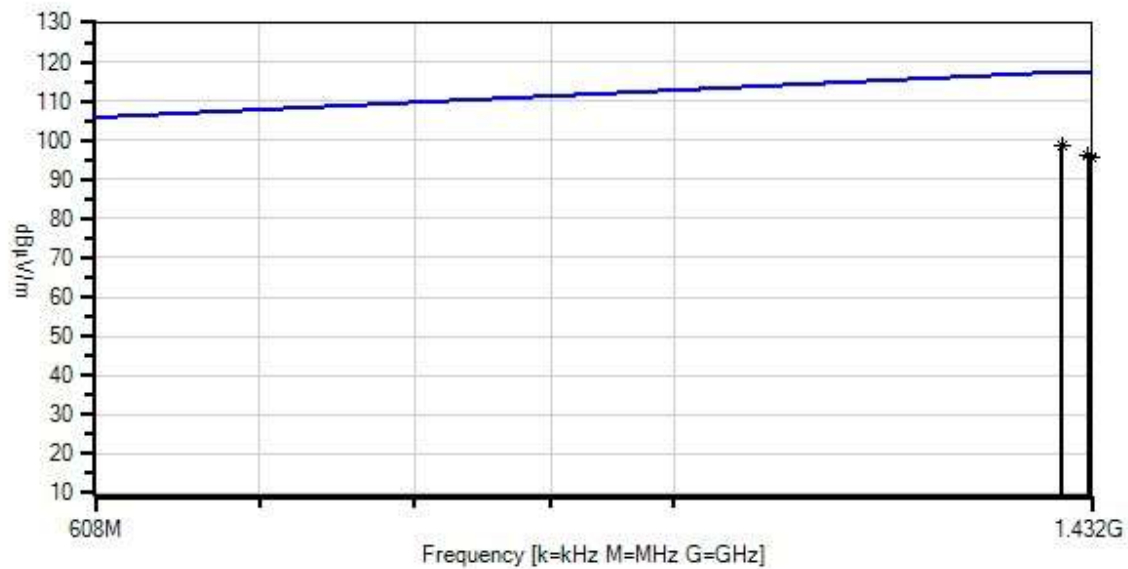
Test Environment Conditions:
Temperature: 20°C
Humidity: 52%
Pressure: 99kPa

Test Method: ANSI C63.26 (2015)

RBW=1MHz
VBW=3MHz

Modification #1 was in place during testing.

Life Sensing Instruments, Inc. WO#: 111600 Sequence#: 3 Date: 1/23/2026
95.2369 Radiated Emissions Field Strength Test Distance: 3 Meters Horiz



— Readings
× QP Readings
▼ Ambient
○ Peak Readings
* Average Readings
Software Version: 5.03.24

1 - 95.2369 Radiated Emissions Field Strength

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02869	Spectrum Analyzer	E4440A	1/9/2026	1/9/2027
T1	ANP07691	Cable	LDF1-50	9/23/2024	9/23/2026
T2	AN03873	Horn Antenna	3115	9/4/2025	9/4/2027

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB			Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	1395.300M	71.2	+2.7	+24.7			+0.0	98.6	117.4	-18.8	Horiz
	Ave										
^	1395.300M	75.3	+2.7	+24.7			+0.0	102.7	117.4	-14.7	Horiz
3	1427.300M	68.8	+2.7	+24.7			+0.0	96.2	117.4	-21.2	Horiz
	Ave										
^	1427.300M	73.0	+2.7	+24.7			+0.0	100.4	117.4	-17.0	Horiz
5	1431.800M	68.4	+2.7	+24.7			+0.0	95.8	117.4	-21.6	Horiz
	Ave										
^	1431.800M	72.7	+2.7	+24.7			+0.0	100.1	117.4	-17.3	Horiz

Test Setup Photo(s)



Below 1GHz



Above 1GHz

2.1049 20dB Bandwidth

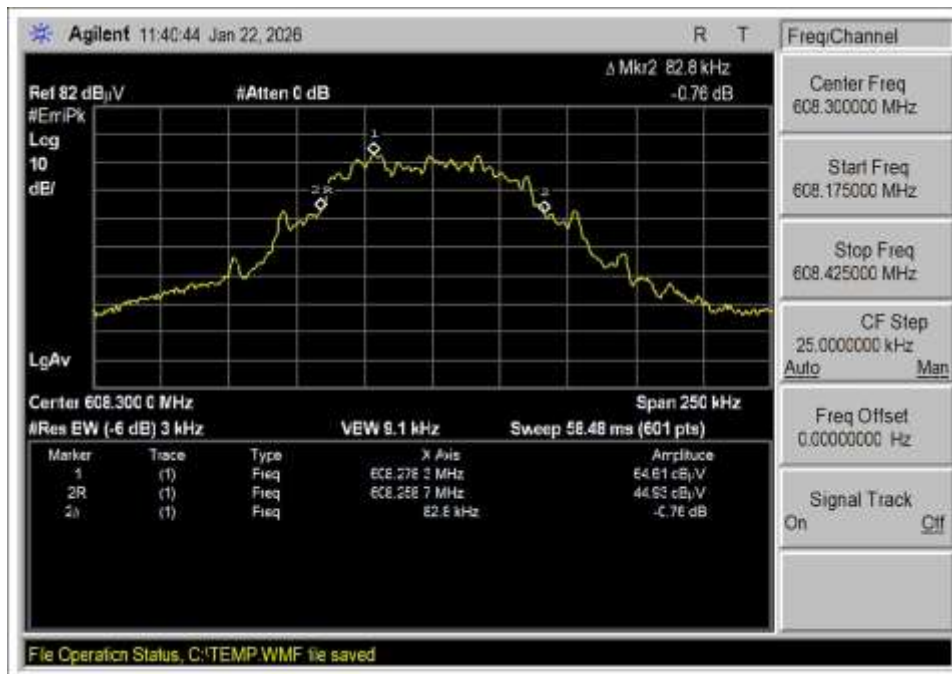
Test Setup/Conditions			
Test Location:	Brea Lab A and D	Test Engineer:	S. Yamamoto/K. Navarro
Test Method:	ANSI C63.26 (2015)	Test Date(s):	1/22/2026, 1/23/2026, 2/3/2026
Configuration:	1		
Test Setup:	The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new internal AAA batteries. The EUT is set up to transmit on the lowest and highest channels within each of its three transmit bands (608MHz to 614MHz. 1395MHz to 1400MHz. 1427MHz to 1432MHz).		
Declaration:	Modification #1 was in place during testing.		

Environmental Conditions			
Temperature (°C)	20	Relative Humidity (%):	52

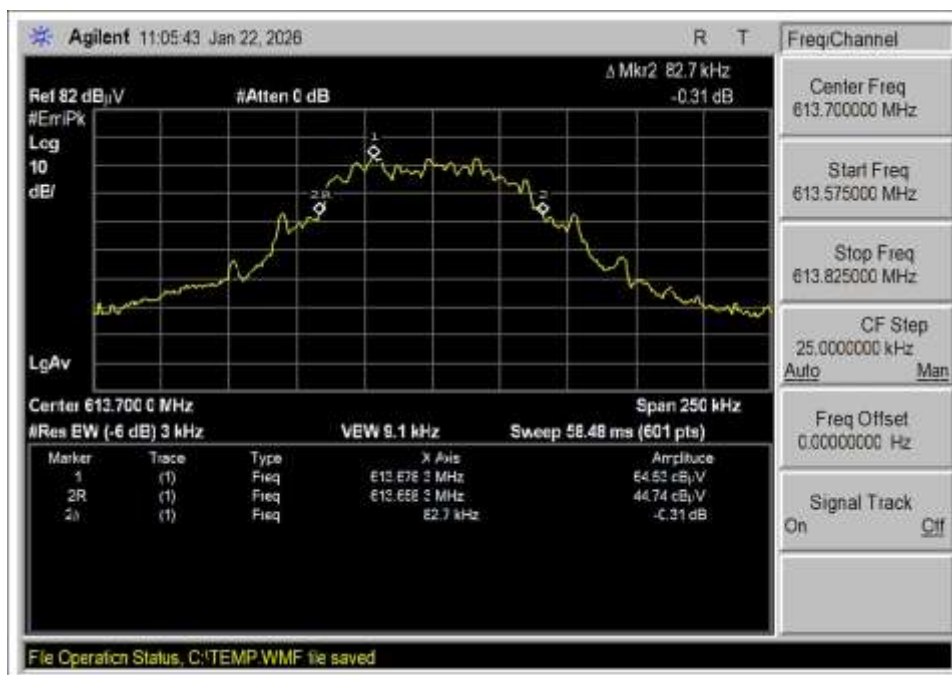
Test Equipment					
Asset#	Description	Manufacturer	Model	Cal Date	Cal Due
02869	Spectrum analyzer	Agilent	E4440A	1/9/2026	1/9/2027
P04382	Cable	andrew	LDF-50	6/4/2024	6/4/2026
P08191	Cable	Andrews	ANDL1-PNMNM-50	11/11/2024	11/11/2026
01646	Horn antenna	Emco	3115	3/8/2024	3/8/2026
P07691	Cable	CommScope	LDF1-50	9/23/2024	9/23/2026
03873	Horn antenna	ETS-Lindgren	3115	9/4/2025	9/4/2027
03470	Spectrum analyzer	Agilent	E4440A	12/19/2025	12/19/2026
P05198	Cable	Belden	8268	1/10/2025	1/10/2027
03850	Biconilog antenna	ETS-Lindgren	3142E	5/23/2024	5/23/2026

Test Data Summary				
Frequency (MHz)	Modulation	Measured (kHz)	Limit (kHz)	Results
608.300	4GFSK	82.8	N/A	Pass
613.700	4GFSK	82.7	N/A	Pass
1395.300	4GFSK	109.58	N/A	Pass
1399.650	4GFSK	110.35	N/A	Pass
1427.300	4GFSK	109.07	N/A	Pass
1431.800	4GFSK	109.32	N/A	Pass

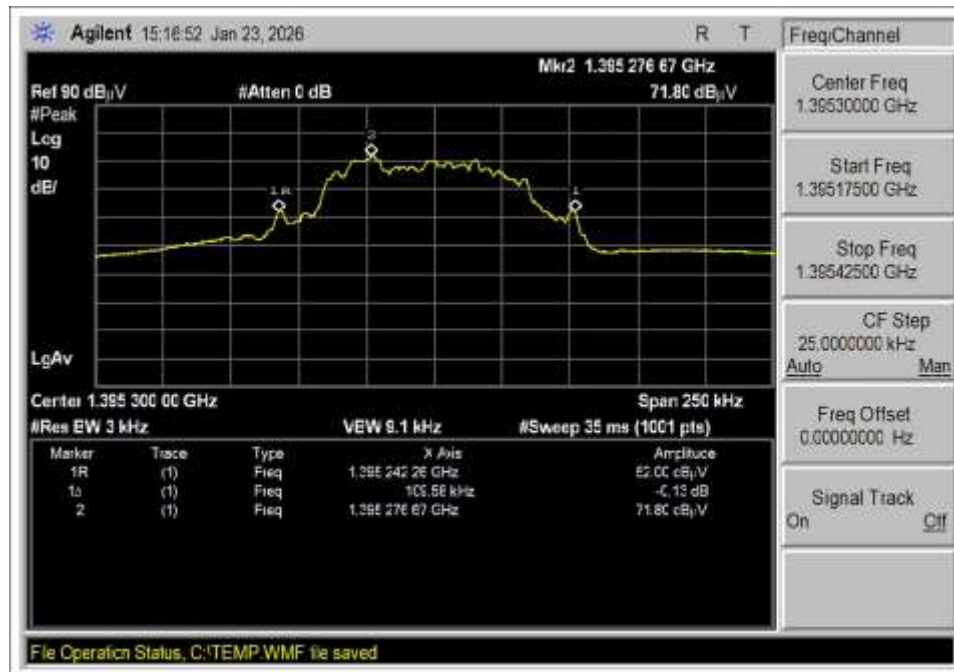
Plot(s)



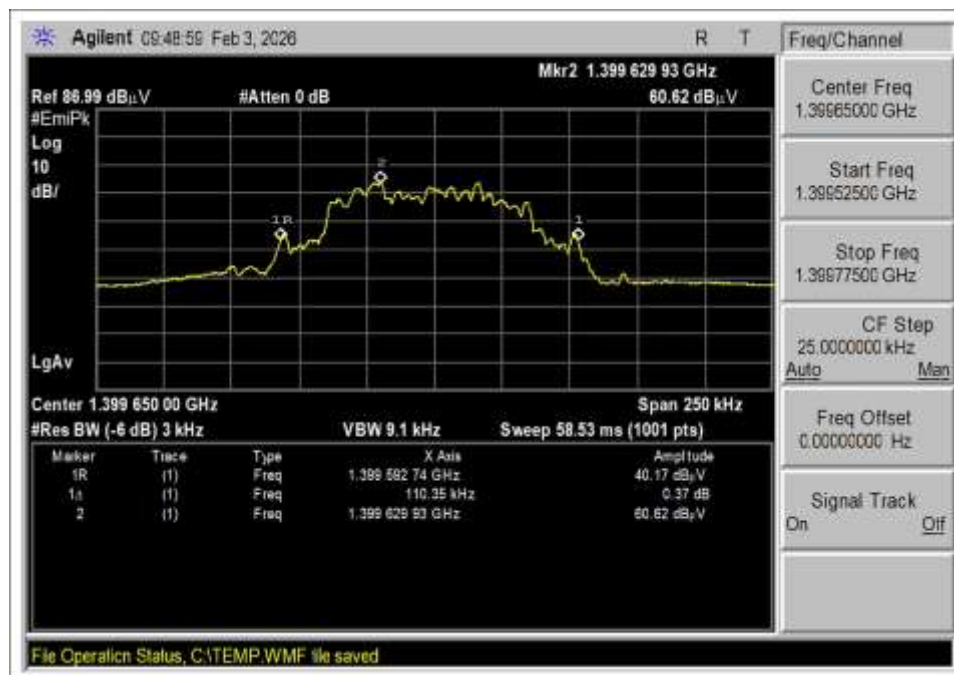
Low Band, Low Channel, 608.300MHz



Low Band, High Channel, 613.700MHz



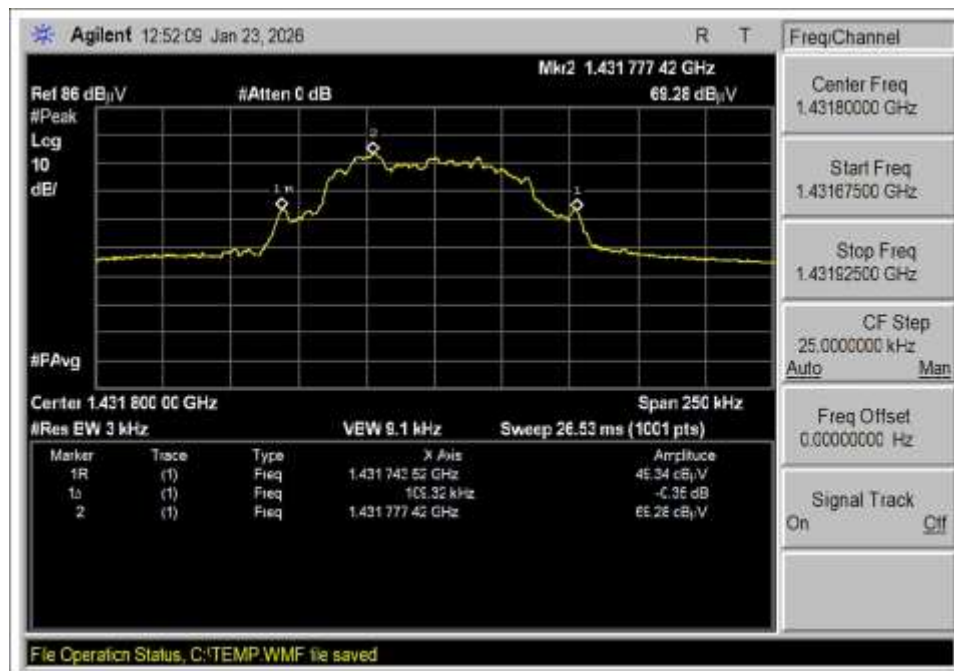
Middle Band, Low Channel, 1395.300MHz



Middle Band, High Channel, 1399.650MHz



High Band, Low Channel, 1427.300MHz



High Band, High Channel, 1431.800MHz

Test Setup Photo(s)



Test Setup, View 1



Test Setup, View 2

95.2379(a)/95.2379(b) WMTS Unwanted Emissions Limits

Test Setup/Conditions			
Test Location:	Brea Lab A	Test Engineer:	S. Yamamoto/K. Navarro
Test Method:	ANSI C63.26 (2015)	Test Date(s):	1/22/2026, 1/23/2026, 2/3/2026, 2/5/2026, 2/6/2026, 2/10/2026, 2/11/2026
Configuration:	1		
Declaration:	Modification #1 was in place during testing.		

Environmental Conditions				Date(s)
Temperature (°C)	20	Relative Humidity (%):	52	1/22,23 2/3
Temperature (°C)	20	Relative Humidity (%):	35	2/5
Temperature (°C)	20	Relative Humidity (%):	43	2/6
Temperature (°C)	19	Relative Humidity (%):	50	2/10
Temperature (°C)	19	Relative Humidity (%):	54	2/11

Test Data

Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
 Customer: **Life Sensing Instruments, Inc.**
 Specification: **95.2379(a) and (b) Unwanted Emissions**
 Work Order #: **111600** Date: 2/5/2026
 Test Type: **Radiated Scan** Time: 14:32:21
 Tested By: S. Yamamoto Sequence#: 4
 Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new AAA batteries. The EUT is set up and transmitting continuously. The EUT is also continuously receiving.

The EUT is tested transmitting at the following frequencies for this data sheet.

Middle band, low channel 1395.300MHz
 Middle band, high channel 1399.650MHz
 Low band, low channel 608.300MHz
 Low band, high channel 613.700MHz
 High band, low channel 1427.300MHz
 High band, high channel 1431.800MHz

Site A

Test Environment Conditions:

Temperature: 20°C
 Humidity: 35%
 Pressure: 99kPa

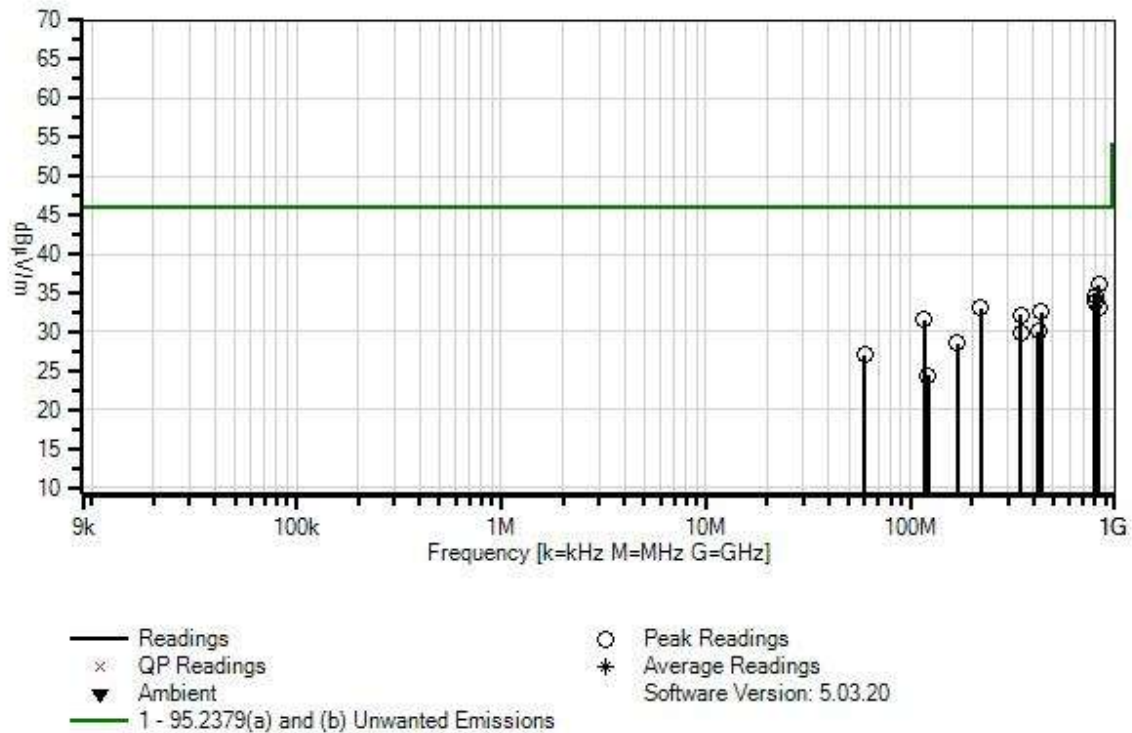
Test Method: ANSI C63.26 (2015)

Frequency range of data sheet and measurement 9kHz to 1000MHz

9kHz to 150kHz, RBW=200Hz VBW=600Hz
 150kHz to 30MHz, RBW=9kHz VBW=30kHz
 30MHz to 1000MHz, RBW=120kHz VBW=360kHz

Modification #1 was in place during testing.

Life Sensing Instruments, Inc. W/O#: 111600 Sequence#: 4 Date: 2/5/2026
95.2379(a) and (b) Unwanted Emissions Test Distance: 3 Meters Vert



Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN03834	Spectrum Analyzer	E4448A	5/6/2024	5/6/2026
T1	ANP06662	Cable	PHASEFLEX EJR01N01024.0	5/3/2024	5/3/2026
T2	AN00010	Preamplifier	8447D	12/31/2025	12/31/2027
T3	ANP05198	Cable-Amplifier +15C to +45C (dB)	RG214/U	1/10/2025	1/10/2027
T4	AN03850	Biconilog Antenna	3142E	5/23/2024	5/23/2026
	AN00314	Loop Antenna	6502	5/3/2024	5/3/2026

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	832.053M	28.5	+0.2	-27.5	+5.6	+29.2	+0.0	36.0	46.0	-10.0	Horiz
2	800.046M	26.9	+0.2	-27.6	+5.5	+29.6	+0.0	34.6	46.0	-11.4	Horiz
3	800.046M	26.2	+0.2	-27.6	+5.5	+29.6	+0.0	33.9	46.0	-12.1	Vert
4	832.048M	25.6	+0.2	-27.5	+5.6	+29.2	+0.0	33.1	46.0	-12.9	Vert
5	220.130M	40.2	+0.1	-26.5	+2.6	+16.6	+0.0	33.0	46.0	-13.0	Vert
6	434.500M	33.2	+0.1	-27.5	+3.8	+22.9	+0.0	32.5	46.0	-13.5	Horiz
7	346.448M	34.5	+0.1	-26.8	+3.4	+21.0	+0.0	32.2	46.0	-13.8	Vert
8	117.416M	43.1	+0.0	-26.9	+1.9	+13.5	+0.0	31.6	46.0	-14.4	Vert
9	420.100M	30.2	+0.1	-27.4	+3.8	+23.3	+0.0	30.0	46.0	-16.0	Horiz
10	346.467M	32.1	+0.1	-26.8	+3.4	+21.0	+0.0	29.8	46.0	-16.2	Horiz
11	169.939M	37.6	+0.1	-26.7	+2.3	+15.3	+0.0	28.6	46.0	-17.4	Horiz
12	60.000M	40.2	+0.0	-27.0	+1.3	+12.5	+0.0	27.0	46.0	-19.0	Vert
13	122.130M	36.2	+0.0	-26.9	+1.9	+13.2	+0.0	24.4	46.0	-21.6	Horiz



Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
Customer: **Life Sensing Instruments, Inc.**
Specification: **95.2379(a) and (b) Unwanted Emissions**
Work Order #: **111600** Date: 2/11/2026
Test Type: **Radiated Scan** Time: 14:57:31
Tested By: S. Yamamoto Sequence#: 4
Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new AAA batteries. The EUT is set up and transmitting continuously. The EUT is also continuously receiving.

The EUT is tested transmitting at the following frequencies for this data sheet.

Middle band, low channel 1395.300MHz
Middle band, high channel 1399.650MHz
Low band, low channel 608.300MHz
Low band, high channel 613.700MHz
High band, low channel 1427.300MHz
High band, high channel 1431.800MHz

Site D

Test Environment Conditions:

Temperature: 19°C
Humidity: 54%
Pressure: 99kPa

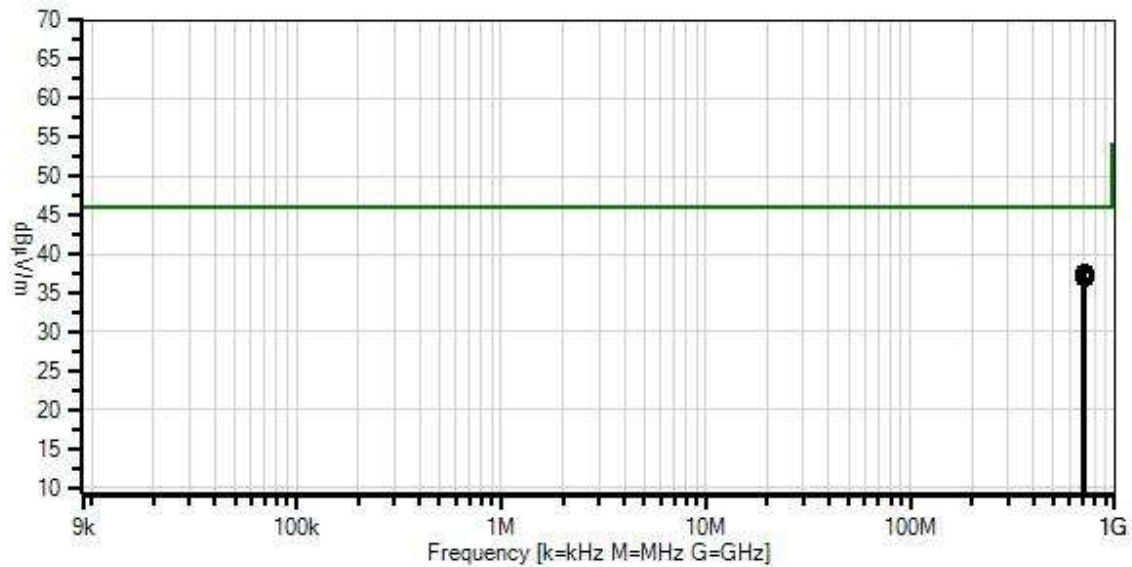
Test Method: ANSI C63.26 (2015)

Frequency range of data sheet and measurement 30MHz to 1000MHz

RBW=120kHz
VBW=360kHz

Modification #1 was in place during testing.

Life Sensing Instruments, Inc. WO#: 111600 Sequence#: 4 Date: 2/11/2026
95.2379(a) and (b) Unwanted Emissions Test Distance: 3 Meters Vert



— Readings
× QP Readings
▼ Ambient
— 1 - 95.2379(a) and (b) Unwanted Emissions

○ Peak Readings
* Average Readings
Software Version: 5.03.20

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02869	Spectrum Analyzer	E4440A	1/9/2026	1/9/2027
T1	ANP06985	Cable	Sucoflex 104A	9/12/2024	9/12/2026
T2	AN00309	Preamp	8447D	11/19/2025	11/19/2027
T3	ANP04382	Cable	LDF-50	6/4/2024	6/4/2026
T4	ANP01911	Cable-Amplitude +15C to +45C (dB)	RG214/U	12/31/2025	12/31/2027
T5	AN03628	Biconilog Antenna	CBL6111C	5/16/2024	5/16/2026

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 T5 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	713.651M	30.9	+0.3 +28.2	-27.3	+2.8	+2.8	+0.0	37.7	46.0	-8.3	Horiz
2	697.650M	30.4	+0.3 +28.6	-27.3	+2.8	+2.7	+0.0	37.5	46.0	-8.5	Horiz
3	715.901M	30.7	+0.3 +28.2	-27.3	+2.8	+2.8	+0.0	37.5	46.0	-8.5	Vert
4	699.827M	30.6	+0.3 +28.3	-27.3	+2.8	+2.7	+0.0	37.4	46.0	-8.6	Horiz
5	697.649M	30.0	+0.3 +28.6	-27.3	+2.8	+2.7	+0.0	37.1	46.0	-8.9	Vert
6	713.648M	30.3	+0.3 +28.2	-27.3	+2.8	+2.8	+0.0	37.1	46.0	-8.9	Vert
7	699.828M	30.2	+0.3 +28.3	-27.3	+2.8	+2.7	+0.0	37.0	46.0	-9.0	Vert
8	715.901M	30.1	+0.3 +28.2	-27.3	+2.8	+2.8	+0.0	36.9	46.0	-9.1	Horiz



Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
Customer: **Life Sensing Instruments, Inc.**
Specification: **95.2379(b) Radiated Unwanted Emissions**
Work Order #: **111600** Date: 2/6/2026
Test Type: **Radiated Scan** Time: 16:52:56
Tested By: S. Yamamoto Sequence#: 6
Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new AAA batteries. The EUT is set up and transmitting continuously. The EUT is also continuously receiving.

The EUT is tested transmitting at the following frequencies for this data sheet.

High band, low channel 1427.300MHz

High band, high channel 1431.800MHz

Middle band, low channel 1395.300MHz

Site A

Test Environment Conditions:

Temperature: 20°C

Humidity: 35%

Pressure: 99kPa

Test Method: ANSI C63.26 (2015)

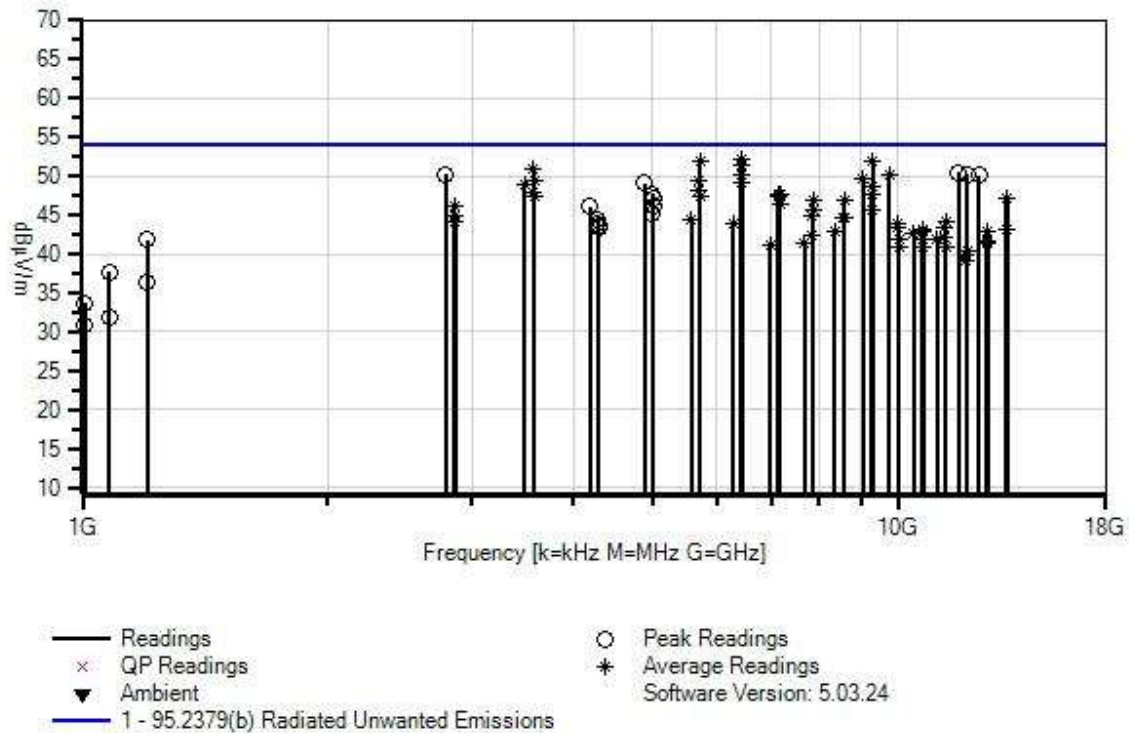
The manufacturer declares that the highest frequency used or generated in the device is less than 1432MHz.

Frequency range of data sheet and measurement 1GHz to 14.5GHz

RBW=1MHz

VBW=3MHz

Life Sensing Instruments, Inc. W/O#: 111600 Sequence#: 6 Date: 2/6/2026
95.2379(b) Radiated Unwanted Emissions Test Distance: 3 Meters Vert



Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN03834	Spectrum Analyzer	E4448A	5/6/2024	5/6/2026
T1	ANP07630	Cable	Sucoflex 104	5/3/2024	5/3/2026
T2	AN03873	Horn Antenna	3115	9/4/2025	9/4/2027
T3	ANP07691	Cable	LDF1-50	9/23/2024	9/23/2026
T4	AN00786	Preamp	83017A	2/4/2025	2/4/2027
	AN02749	High Pass Filter	9SH10- 1000/T10000- O/O	5/12/2025	5/12/2027
T5	AN03385	High Pass Filter	11SH10- 3000/T10000- O/O	5/9/2025	5/9/2027

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 T5 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	6443.100M Ave	47.4	+0.6 +0.3	+35.1	+6.3	-37.4	+0.0	52.3	54.0	-1.7	Vert
^	6443.100M	53.7	+0.6 +0.3	+35.1	+6.3	-37.4	+0.0	58.6	54.0	+4.6	Vert
3	9306.700M Ave	43.0	+0.7 +0.1	+37.5	+7.5	-36.8	+0.0	52.0	54.0	-2.0	Horiz
^	9306.700M	50.1	+0.7 +0.1	+37.5	+7.5	-36.8	+0.0	59.1	54.0	+5.1	Horiz
5	5727.200M Ave	49.0	+0.5 +0.3	+33.7	+5.8	-37.3	+0.0	52.0	54.0	-2.0	Vert
^	5727.200M	54.7	+0.5 +0.3	+33.7	+5.8	-37.3	+0.0	57.7	54.0	+3.7	Vert
7	6422.850M Ave	46.9	+0.6 +0.3	+35.0	+6.2	-37.5	+0.0	51.5	54.0	-2.5	Vert
^	6422.850M	53.4	+0.6 +0.3	+35.0	+6.2	-37.5	+0.0	58.0	54.0	+4.0	Vert
9	3568.250M Ave	53.3	+0.4 +0.7	+30.2	+4.4	-38.2	+0.0	50.8	54.0	-3.2	Vert
^	3568.250M	59.1	+0.4 +0.7	+30.2	+4.4	-38.2	+0.0	56.6	54.0	+2.6	Vert
11	11860.050 M	38.9	+0.8 +0.2	+38.4	+8.8	-36.7	+0.0	50.4	54.0	-3.6	Vert
12	12170.300 M	38.9	+0.8 +0.2	+38.0	+9.0	-36.6	+0.0	50.3	54.0	-3.7	Vert
13	2790.600M	50.4	+0.4 +5.5	+28.4	+3.9	-38.4	+0.0	50.2	54.0	-3.8	Vert
14	9767.100M Ave	40.7	+0.7 +0.2	+37.2	+7.8	-36.5	+0.0	50.1	54.0	-3.9	Vert
^	9767.100M	47.6	+0.7 +0.2	+37.2	+7.8	-36.5	+0.0	57.0	54.0	+3.0	Vert
16	6443.100M Ave	45.2	+0.6 +0.3	+35.1	+6.3	-37.4	+0.0	50.1	54.0	-3.9	Horiz
^	6443.100M	51.8	+0.6 +0.3	+35.1	+6.3	-37.4	+0.0	56.7	54.0	+2.7	Horiz
18	12557.700 M	38.0	+0.8 +0.1	+38.5	+9.1	-36.5	+0.0	50.0	54.0	-4.0	Vert
19	9069.450M Ave	41.1	+0.7 +0.2	+37.0	+7.5	-36.9	+0.0	49.6	54.0	-4.4	Vert
^	9069.450M	48.5	+0.7 +0.2	+37.0	+7.5	-36.9	+0.0	57.0	54.0	+3.0	Vert
21	3579.500M Ave	51.9	+0.4 +0.7	+30.2	+4.4	-38.2	+0.0	49.4	54.0	-4.6	Vert
^	3579.500M	57.8	+0.4 +0.7	+30.2	+4.4	-38.2	+0.0	55.3	54.0	+1.3	Vert

23	5709.200M Ave	46.5	+0.5 +0.3	+33.6	+5.8	-37.3	+0.0	49.4	54.0	-4.6	Vert
^	5709.200M	52.9	+0.5 +0.3	+33.6	+5.8	-37.3	+0.0	55.8	54.0	+1.8	Vert
25	6422.850M Ave	44.6	+0.6 +0.3	+35.0	+6.2	-37.5	+0.0	49.2	54.0	-4.8	Horiz
^	6422.850M	52.1	+0.6 +0.3	+35.0	+6.2	-37.5	+0.0	56.7	54.0	+2.7	Horiz
27	4883.550M	48.5	+0.4 +0.2	+32.2	+5.3	-37.5	+0.0	49.1	54.0	-4.9	Vert
28	3488.250M Ave	51.5	+0.4 +0.7	+30.1	+4.3	-38.2	+0.0	48.8	54.0	-5.2	Vert
^	3488.250M	57.4	+0.4 +0.7	+30.1	+4.3	-38.2	+0.0	54.7	54.0	+0.7	Vert
30	9306.700M Ave	39.6	+0.7 +0.1	+37.5	+7.5	-36.8	+0.0	48.6	54.0	-5.4	Vert
^	9306.700M	47.2	+0.7 +0.1	+37.5	+7.5	-36.8	+0.0	56.2	54.0	+2.2	Vert
32	5709.200M Ave	45.3	+0.5 +0.3	+33.6	+5.8	-37.3	+0.0	48.2	54.0	-5.8	Horiz
^	5709.200M	52.3	+0.5 +0.3	+33.6	+5.8	-37.3	+0.0	55.2	54.0	+1.2	Horiz
34	3568.250M Ave	50.5	+0.4 +0.7	+30.2	+4.4	-38.2	+0.0	48.0	54.0	-6.0	Horiz
^	3568.250M	56.4	+0.4 +0.7	+30.2	+4.4	-38.2	+0.0	53.9	54.0	-0.1	Horiz
36	4995.550M	46.8	+0.4 +0.2	+32.5	+5.3	-37.4	+0.0	47.8	54.0	-6.2	Vert
37	9277.450M Ave	38.6	+0.7 +0.2	+37.5	+7.5	-36.8	+0.0	47.7	54.0	-6.3	Vert
^	9277.450M	46.6	+0.7 +0.2	+37.5	+7.5	-36.8	+0.0	55.7	54.0	+1.7	Vert
39	7136.500M Ave	41.7	+0.6 +0.2	+36.2	+6.3	-37.4	+0.0	47.6	54.0	-6.4	Vert
^	7136.500M	49.6	+0.6 +0.2	+36.2	+6.3	-37.4	+0.0	55.5	54.0	+1.5	Vert
41	7159.000M Ave	41.6	+0.6 +0.2	+36.3	+6.3	-37.4	+0.0	47.6	54.0	-6.4	Vert
^	7159.000M	49.7	+0.6 +0.2	+36.3	+6.3	-37.4	+0.0	55.7	54.0	+1.7	Vert
43	7136.500M Ave	41.6	+0.6 +0.2	+36.2	+6.3	-37.4	+0.0	47.5	54.0	-6.5	Horiz
^	7136.500M	48.9	+0.6 +0.2	+36.2	+6.3	-37.4	+0.0	54.8	54.0	+0.8	Horiz
45	3579.500M Ave	49.9	+0.4 +0.7	+30.2	+4.4	-38.2	+0.0	47.4	54.0	-6.6	Horiz
^	3579.500M	56.3	+0.4 +0.7	+30.2	+4.4	-38.2	+0.0	53.8	54.0	-0.2	Horiz
47	5727.200M Ave	44.4	+0.5 +0.3	+33.7	+5.8	-37.3	+0.0	47.4	54.0	-6.6	Horiz
^	5727.200M	51.9	+0.5 +0.3	+33.7	+5.8	-37.3	+0.0	54.9	54.0	+0.9	Horiz

49	13559.350 M Ave	33.3	+0.9 +0.2	+39.0	+9.6	-35.8	+0.0	47.2	54.0	-6.8	Horiz
^	13559.350 M	42.4	+0.9 +0.2	+39.0	+9.6	-35.8	+0.0	56.3	54.0	+2.3	Horiz
51	13602.100 M Ave	33.2	+0.9 +0.2	+39.2	+9.6	-35.9	+0.0	47.2	54.0	-6.8	Horiz
^	13602.100 M	42.9	+0.9 +0.2	+39.2	+9.6	-35.9	+0.0	56.9	54.0	+2.9	Horiz
53	5011.304M	46.1	+0.4 +0.2	+32.5	+5.3	-37.4	+0.0	47.1	54.0	-6.9	Vert
54	8590.800M Ave	39.1	+0.7 +0.3	+37.0	+7.2	-37.5	+0.0	46.8	54.0	-7.2	Horiz
^	8590.800M	47.8	+0.7 +0.3	+37.0	+7.2	-37.5	+0.0	55.5	54.0	+1.5	Horiz
56	7874.900M Ave	40.2	+0.6 +0.3	+36.4	+6.9	-37.6	+0.0	46.8	54.0	-7.2	Horiz
^	7874.900M	48.2	+0.6 +0.3	+36.4	+6.9	-37.6	+0.0	54.8	54.0	+0.8	Horiz
58	7159.000M Ave	40.4	+0.6 +0.2	+36.3	+6.3	-37.4	+0.0	46.4	54.0	-7.6	Horiz
^	7159.000M	48.5	+0.6 +0.2	+36.3	+6.3	-37.4	+0.0	54.5	54.0	+0.5	Horiz
60	5011.308M	45.3	+0.4 +0.2	+32.5	+5.3	-37.4	+0.0	46.3	54.0	-7.7	Horiz
61	2854.600M Ave	50.0	+0.4 +2.0	+28.2	+4.0	-38.4	+0.0	46.2	54.0	-7.8	Horiz
^	2854.600M	57.1	+0.4 +2.0	+28.2	+4.0	-38.4	+0.0	53.3	54.0	-0.7	Horiz
63	4185.900M	46.6	+0.4 +0.3	+31.8	+4.8	-37.8	+0.0	46.1	54.0	-7.9	Vert
64	7874.900M Ave	39.1	+0.6 +0.3	+36.4	+6.9	-37.6	+0.0	45.7	54.0	-8.3	Vert
^	7874.900M	47.2	+0.6 +0.3	+36.4	+6.9	-37.6	+0.0	53.8	54.0	-0.2	Vert
66	9277.450M Ave	36.6	+0.7 +0.2	+37.5	+7.5	-36.8	+0.0	45.7	54.0	-8.3	Horiz
^	9277.450M	45.3	+0.7 +0.2	+37.5	+7.5	-36.8	+0.0	54.4	54.0	+0.4	Horiz
68	4995.552M	44.0	+0.4 +0.2	+32.5	+5.3	-37.4	+0.0	45.0	54.0	-9.0	Horiz
69	2863.600M Ave	48.8	+0.4 +1.8	+28.3	+4.0	-38.4	+0.0	44.9	54.0	-9.1	Vert
^	2863.600M	55.5	+0.4 +1.8	+28.3	+4.0	-38.4	+0.0	51.6	54.0	-2.4	Vert
71	7850.150M Ave	38.2	+0.6 +0.3	+36.5	+6.8	-37.5	+0.0	44.9	54.0	-9.1	Horiz
^	7850.150M	47.7	+0.6 +0.3	+36.5	+6.8	-37.5	+0.0	54.4	54.0	+0.4	Horiz

73	8563.800M Ave	37.1	+0.7 +0.3	+36.9	+7.2	-37.5	+0.0	44.7	54.0	-9.3	Horiz
^	8563.800M	46.1	+0.7 +0.3	+36.9	+7.2	-37.5	+0.0	53.7	54.0	-0.3	Horiz
75	8590.800M Ave	37.0	+0.7 +0.3	+37.0	+7.2	-37.5	+0.0	44.7	54.0	-9.3	Vert
^	8590.800M	44.9	+0.7 +0.3	+37.0	+7.2	-37.5	+0.0	52.6	54.0	-1.4	Vert
77	8563.800M Ave	37.0	+0.7 +0.3	+36.9	+7.2	-37.5	+0.0	44.6	54.0	-9.4	Vert
^	8563.800M	44.3	+0.7 +0.3	+36.9	+7.2	-37.5	+0.0	51.9	54.0	-2.1	Vert
79	5581.200M Ave	42.0	+0.5 +0.3	+33.4	+5.7	-37.4	+0.0	44.5	54.0	-9.5	Vert
^	5581.200M	50.5	+0.5 +0.3	+33.4	+5.7	-37.4	+0.0	53.0	54.0	-1.0	Vert
81	4281.899M	45.2	+0.4 +0.3	+31.5	+4.8	-37.8	+0.0	44.4	54.0	-9.6	Horiz
82	2863.600M Ave	48.0	+0.4 +1.8	+28.3	+4.0	-38.4	+0.0	44.1	54.0	-9.9	Horiz
^	2863.600M	54.8	+0.4 +1.8	+28.3	+4.0	-38.4	+0.0	50.9	54.0	-3.1	Horiz
84	2854.600M Ave	47.9	+0.4 +2.0	+28.2	+4.0	-38.4	+0.0	44.1	54.0	-9.9	Vert
^	2854.600M	54.9	+0.4 +2.0	+28.2	+4.0	-38.4	+0.0	51.1	54.0	-2.9	Vert
86	11454.400 M Ave	32.9	+0.8 +0.3	+38.5	+8.4	-36.8	+0.0	44.1	54.0	-9.9	Horiz
^	11454.400 M	43.2	+0.8 +0.3	+38.5	+8.4	-36.8	+0.0	54.4	54.0	+0.4	Horiz
88	6278.778M Ave	39.2	+0.5 +0.3	+35.0	+6.1	-37.2	+0.0	43.9	54.0	-10.1	Vert
^	6278.778M	47.9	+0.5 +0.3	+35.0	+6.1	-37.2	+0.0	52.6	54.0	-1.4	Vert
90	9991.100M Ave	33.8	+0.8 +0.3	+37.4	+7.9	-36.4	+0.0	43.8	54.0	-10.2	Vert
^	9991.100M	43.0	+0.8 +0.3	+37.4	+7.9	-36.4	+0.0	53.0	54.0	-1.0	Vert
92	4281.897M	44.6	+0.4 +0.3	+31.5	+4.8	-37.8	+0.0	43.8	54.0	-10.2	Vert
93	4295.412M	44.5	+0.4 +0.3	+31.4	+4.8	-37.8	+0.0	43.6	54.0	-10.4	Vert
94	4295.400M	44.3	+0.4 +0.3	+31.4	+4.8	-37.8	+0.0	43.4	54.0	-10.6	Horiz
95	9991.100M Ave	33.3	+0.8 +0.3	+37.4	+7.9	-36.4	+0.0	43.3	54.0	-10.7	Horiz
^	9991.100M	43.4	+0.8 +0.3	+37.4	+7.9	-36.4	+0.0	53.4	54.0	-0.6	Horiz

97	11418.400 M Ave	32.2	+0.8 +0.3	+38.4	+8.4	-36.8	+0.0	43.3	54.0	-10.7	Horiz
^	11418.400 M	42.4	+0.8 +0.3	+38.4	+8.4	-36.8	+0.0	53.5	54.0	-0.5	Horiz
99	10738.500 M Ave	32.5	+0.7 +0.3	+38.2	+8.1	-36.6	+0.0	43.2	54.0	-10.8	Horiz
^	10738.500 M	42.7	+0.7 +0.3	+38.2	+8.1	-36.6	+0.0	53.4	54.0	-0.6	Horiz
101	13559.350 M Ave	29.2	+0.9 +0.2	+39.0	+9.6	-35.8	+0.0	43.1	54.0	-10.9	Vert
^	13559.350 M	40.4	+0.9 +0.2	+39.0	+9.6	-35.8	+0.0	54.3	54.0	+0.3	Vert
103	13602.100 M Ave	29.1	+0.9 +0.2	+39.2	+9.6	-35.9	+0.0	43.1	54.0	-10.9	Vert
^	13602.100 M	39.7	+0.9 +0.2	+39.2	+9.6	-35.9	+0.0	53.7	54.0	-0.3	Vert
105	12886.200 M Ave	30.0	+0.9 +0.2	+39.0	+9.2	-36.3	+0.0	43.0	54.0	-11.0	Horiz
^	12886.200 M	41.8	+0.9 +0.2	+39.0	+9.2	-36.3	+0.0	54.8	54.0	+0.8	Horiz
107	12845.700 M Ave	30.1	+0.9 +0.2	+38.9	+9.2	-36.4	+0.0	42.9	54.0	-11.1	Horiz
^	12845.700 M	41.0	+0.9 +0.2	+38.9	+9.2	-36.4	+0.0	53.8	54.0	-0.2	Horiz
109	10704.750 M Ave	32.3	+0.7 +0.3	+38.1	+8.1	-36.6	+0.0	42.9	54.0	-11.1	Horiz
^	10704.750 M	43.3	+0.7 +0.3	+38.1	+8.1	-36.6	+0.0	53.9	54.0	-0.1	Horiz
111	8371.800M Ave	35.2	+0.6 +0.4	+36.6	+7.1	-37.0	+0.0	42.9	54.0	-11.1	Vert
^	8371.800M	45.0	+0.6 +0.4	+36.6	+7.1	-37.0	+0.0	52.7	54.0	-1.3	Vert
113	10464.750 M Ave	32.2	+0.7 +0.3	+37.8	+8.1	-36.4	+0.0	42.7	54.0	-11.3	Vert
^	10464.750 M	42.3	+0.7 +0.3	+37.8	+8.1	-36.4	+0.0	52.8	54.0	-1.2	Vert

115	7850.150M Ave	35.8	+0.6 +0.3	+36.5	+6.8	-37.5	+0.0	42.5	54.0	-11.5	Vert
^	7850.150M	45.4	+0.6 +0.3	+36.5	+6.8	-37.5	+0.0	52.1	54.0	-1.9	Vert
117	11418.405 M Ave	31.0	+0.8 +0.3	+38.4	+8.4	-36.8	+0.0	42.1	54.0	-11.9	Vert
^	11418.405 M	40.1	+0.8 +0.3	+38.4	+8.4	-36.8	+0.0	51.2	54.0	-2.8	Vert
119	1199.998M	55.1	+0.2 +0.0	+24.0	+2.5	-39.9	+0.0	41.9	54.0	-12.1	Horiz
120	10022.600 M Ave	31.8	+0.8 +0.3	+37.4	+7.9	-36.4	+0.0	41.8	54.0	-12.2	Horiz
^	10022.600 M	42.9	+0.8 +0.3	+37.4	+7.9	-36.4	+0.0	52.9	54.0	-1.1	Horiz
122	10704.750 M Ave	31.2	+0.7 +0.3	+38.1	+8.1	-36.6	+0.0	41.8	54.0	-12.2	Vert
^	10704.750 M	40.8	+0.7 +0.3	+38.1	+8.1	-36.6	+0.0	51.4	54.0	-2.6	Vert
124	11162.400 M Ave	30.9	+0.7 +0.3	+38.4	+8.2	-36.7	+0.0	41.8	54.0	-12.2	Vert
^	11162.400 M	41.7	+0.7 +0.3	+38.4	+8.2	-36.7	+0.0	52.6	54.0	-1.4	Vert
126	12886.200 M Ave	28.7	+0.9 +0.2	+39.0	+9.2	-36.3	+0.0	41.7	54.0	-12.3	Vert
^	12886.200 M	39.2	+0.9 +0.2	+39.0	+9.2	-36.3	+0.0	52.2	54.0	-1.8	Vert
128	12845.700 M Ave	28.7	+0.9 +0.2	+38.9	+9.2	-36.4	+0.0	41.5	54.0	-12.5	Vert
^	12845.700 M	39.0	+0.9 +0.2	+38.9	+9.2	-36.4	+0.0	51.8	54.0	-2.2	Vert
130	7674.150M Ave	34.2	+0.6 +0.2	+36.9	+6.7	-37.1	+0.0	41.5	54.0	-12.5	Vert
^	7674.150M	44.2	+0.6 +0.2	+36.9	+6.7	-37.1	+0.0	51.5	54.0	-2.5	Vert
132	6976.500M Ave	35.5	+0.5 +0.2	+36.0	+6.4	-37.4	+0.0	41.2	54.0	-12.8	Vert
^	6976.500M	45.6	+0.5 +0.2	+36.0	+6.4	-37.4	+0.0	51.3	54.0	-2.7	Vert

134	11454.400 M Ave	29.6	+0.8 +0.3	+38.5	+8.4	-36.8	+0.0	40.8	54.0	-13.2	Vert
^	11454.400 M	41.5	+0.8 +0.3	+38.5	+8.4	-36.8	+0.0	52.7	54.0	-1.3	Vert
136	10022.600 M Ave	30.8	+0.8 +0.3	+37.4	+7.9	-36.4	+0.0	40.8	54.0	-13.2	Vert
^	10022.600 M	42.0	+0.8 +0.3	+37.4	+7.9	-36.4	+0.0	52.0	54.0	-2.0	Vert
138	10738.500 M Ave	30.1	+0.7 +0.3	+38.2	+8.1	-36.6	+0.0	40.8	54.0	-13.2	Vert
^	10738.500 M	41.0	+0.7 +0.3	+38.2	+8.1	-36.6	+0.0	51.7	54.0	-2.3	Vert
140	12170.300 M Ave	29.0	+0.8 +0.2	+38.0	+9.0	-36.6	+0.0	40.4	54.0	-13.6	Horiz
^	12170.300 M	40.0	+0.8 +0.2	+38.0	+9.0	-36.6	+0.0	51.4	54.0	-2.6	Horiz
142	12132.050 M Ave	28.6	+0.8 +0.2	+38.0	+9.0	-36.7	+0.0	39.9	54.0	-14.1	Horiz
^	12132.050 M	40.4	+0.8 +0.2	+38.0	+9.0	-36.7	+0.0	51.7	54.0	-2.3	Horiz
144	12132.050 M Ave	27.7	+0.8 +0.2	+38.0	+9.0	-36.7	+0.0	39.0	54.0	-15.0	Vert
^	12132.050 M	39.3	+0.8 +0.2	+38.0	+9.0	-36.7	+0.0	50.6	54.0	-3.4	Vert
146	1080.005M	52.3	+0.2 +0.0	+23.5	+2.3	-40.6	+0.0	37.7	54.0	-16.3	Horiz
147	1200.040M	49.6	+0.2 +0.0	+24.0	+2.5	-39.9	+0.0	36.4	54.0	-17.6	Vert
148	1008.028M	49.7	+0.2 +0.0	+22.7	+2.2	-41.1	+0.0	33.7	54.0	-20.3	Horiz
149	1080.000M	46.3	+0.2 +0.0	+23.5	+2.3	-40.6	+0.0	31.7	54.0	-22.3	Vert
150	1008.000M	46.7	+0.2 +0.0	+22.7	+2.2	-41.1	+0.0	30.7	54.0	-23.3	Vert



Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
Customer: **Life Sensing Instruments, Inc.**
Specification: **95.2379(b) Radiated Unwanted Emissions**
Work Order #: **111600** Date: 2/10/2026
Test Type: **Radiated Scan** Time: 15:44:47
Tested By: S. Yamamoto Sequence#: 7
Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new AAA batteries. The EUT is set up and transmitting continuously. The EUT is also continuously receiving.

The EUT is tested transmitting at the following frequencies for this data sheet.

Middle band, low channel 1395.300MHz

Middle band, high channel 1399.650MHz

Low band, low channel 608.300MHz

Low band, high channel 613.700MHz

Site D

Test Environment Conditions:

Temperature: 19°C

Humidity: 50%

Pressure: 99kPa

Test Method: ANSI C63.26 (2015)

The manufacturer declares that the highest frequency used or generated in the device is less than 1432MHz.

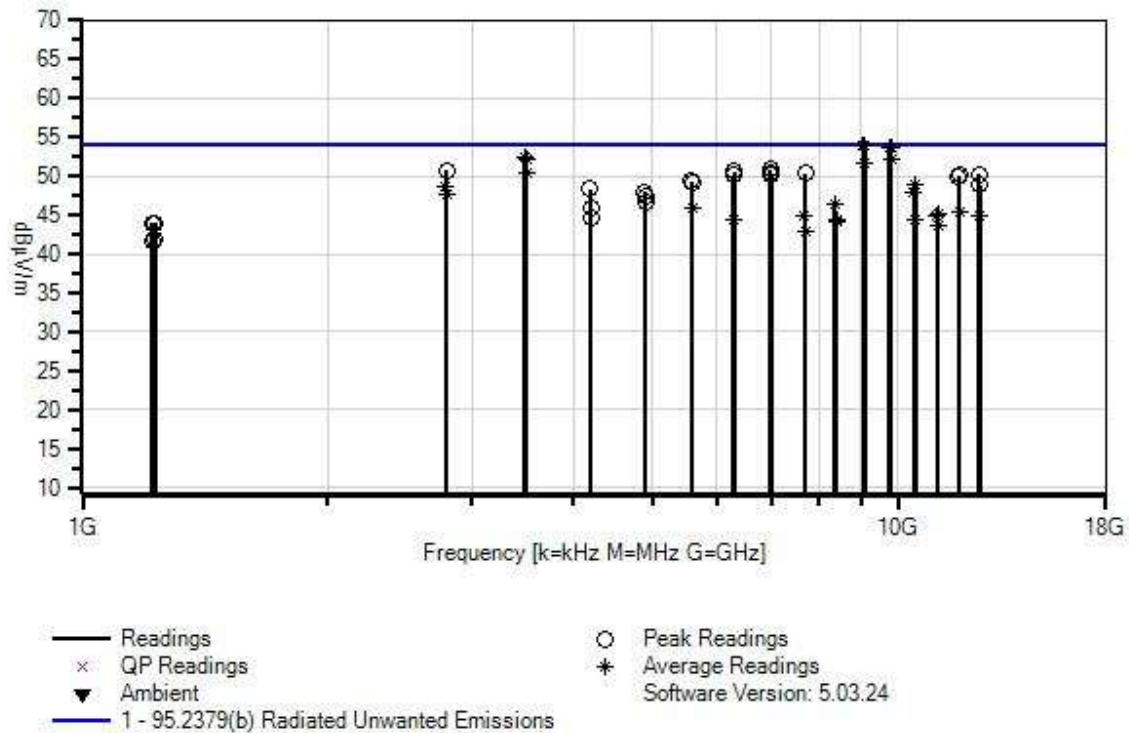
Frequency range of data sheet and measurement 1GHz to 14.5GHz

RBW=1MHz

VBW=3MHz

Modification #1 was in place during testing.

Life Sensing Instruments, Inc. WO#: 111600 Sequence#: 7 Date: 2/10/2026
95.2379(b) Radiated Unwanted Emissions Test Distance: 3 Meters Horiz



Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	AN02749	High Pass Filter	9SH10-1000/T10000-O/O	5/12/2025	5/12/2027
T2	AN03385	High Pass Filter	11SH10-3000/T10000-O/O	5/9/2025	5/9/2027
	AN02869	Spectrum Analyzer	E4440A	1/9/2026	1/9/2027
T3	ANP04382	Cable	LDF-50	6/4/2024	6/4/2026
T4	ANP08191	Cable	ANDL1-PNMNM-50	11/11/2024	11/11/2026
T5	AN00787	Preamp	83017A	6/16/2025	6/16/2027
T6	ANP07656	Cable	32022-29094K-29094K-24TC	7/20/2024	7/20/2026
T7	AN01646	Horn Antenna	3115	3/8/2024	3/8/2026

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 T5 dB	T2 T6 dB	T3 T7 dB	T4 dB	Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	9069.450M Ave	34.0	+0.0 -38.7	+0.2 +0.8	+12.4 +38.5	+6.7	+0.0	53.9	54.0	-0.1	Horiz
^	9069.450M	41.4	+0.0 -38.7	+0.2 +0.8	+12.4 +38.5	+6.7	+0.0	61.3	54.0	+7.3	Horiz
3	9097.725M Ave	34.1	+0.0 -38.7	+0.2 +0.8	+12.4 +38.4	+6.7	+0.0	53.9	54.0	-0.1	Horiz
^	9097.725M	40.9	+0.0 -38.7	+0.2 +0.8	+12.4 +38.4	+6.7	+0.0	60.7	54.0	+6.7	Horiz
5	9797.550M Ave	33.1	+0.0 -38.5	+0.2 +0.9	+13.0 +38.1	+7.0	+0.0	53.8	54.0	-0.2	Horiz
^	9797.550M	40.2	+0.0 -38.5	+0.2 +0.9	+13.0 +38.1	+7.0	+0.0	60.9	54.0	+6.9	Horiz
7	9767.100M Ave	33.0	+0.0 -38.5	+0.2 +0.9	+13.0 +38.1	+7.0	+0.0	53.7	54.0	-0.3	Horiz
^	9767.100M	40.2	+0.0 -38.5	+0.2 +0.9	+13.0 +38.1	+7.0	+0.0	60.9	54.0	+6.9	Horiz
9	3488.250M Ave	48.5	+0.0 -39.6	+0.7 +0.5	+7.1 +31.1	+4.1	+0.0	52.4	54.0	-1.6	Horiz
^	3488.250M	54.9	+0.0 -39.6	+0.7 +0.5	+7.1 +31.1	+4.1	+0.0	58.8	54.0	+4.8	Horiz
11	9797.550M Ave	31.6	+0.0 -38.5	+0.2 +0.9	+13.0 +38.1	+7.0	+0.0	52.3	54.0	-1.7	Vert
^	9797.550M	38.8	+0.0 -38.5	+0.2 +0.9	+13.0 +38.1	+7.0	+0.0	59.5	54.0	+5.5	Vert
13	3499.125M Ave	48.4	+0.0 -39.6	+0.7 +0.5	+7.1 +31.1	+4.1	+0.0	52.3	54.0	-1.7	Horiz
^	3499.125M	53.8	+0.0 -39.6	+0.7 +0.5	+7.1 +31.1	+4.1	+0.0	57.7	54.0	+3.7	Horiz
15	9097.725M Ave	32.0	+0.0 -38.7	+0.2 +0.8	+12.4 +38.4	+6.7	+0.0	51.8	54.0	-2.2	Vert
^	9097.725M	39.8	+0.0 -38.7	+0.2 +0.8	+12.4 +38.4	+6.7	+0.0	59.6	54.0	+5.6	Vert
17	6976.500M	36.9	+0.0 -39.2	+0.2 +0.7	+10.9 +35.3	+6.0	+0.0	50.8	54.0	-3.2	Horiz
18	2799.300M	46.3	+0.0 -39.4	+4.8 +0.4	+5.9 +29.0	+3.7	+0.0	50.7	54.0	-3.3	Vert
19	6298.425M	38.8	+0.0 -39.1	+0.3 +0.7	+9.8 +34.4	+5.7	+0.0	50.6	54.0	-3.4	Horiz
20	6998.250M	36.5	+0.0 -39.2	+0.2 +0.7	+10.9 +35.3	+6.0	+0.0	50.4	54.0	-3.6	Vert
21	7698.075M	34.5	+0.0 -39.1	+0.2 +0.8	+11.4 +36.4	+6.1	+0.0	50.3	54.0	-3.7	Horiz
22	12557.698 M	25.1	+0.0 -38.4	+0.1 +1.0	+15.1 +38.8	+8.6	+0.0	50.3	54.0	-3.7	Horiz

23	3499.125M Ave	46.4	+0.0 -39.6	+0.7 +0.5	+7.1 +31.1	+4.1	+0.0	50.3	54.0	-3.7	Vert
^	3499.125M	51.5	+0.0 -39.6	+0.7 +0.5	+7.1 +31.1	+4.1	+0.0	55.4	54.0	+1.4	Vert
25	6998.250M	36.3	+0.0 -39.2	+0.2 +0.7	+10.9 +35.3	+6.0	+0.0	50.2	54.0	-3.8	Horiz
26	6278.850M	38.5	+0.0 -39.1	+0.3 +0.7	+9.7 +34.4	+5.7	+0.0	50.2	54.0	-3.8	Horiz
27	11897.025 M	25.3	+0.0 -38.6	+0.2 +1.0	+14.4 +39.7	+8.1	+0.0	50.1	54.0	-3.9	Vert
28	11860.048 M	25.2	+0.0 -38.6	+0.2 +1.0	+14.4 +39.7	+8.1	+0.0	50.0	54.0	-4.0	Horiz
29	5580.993M	39.6	+0.0 -39.1	+0.3 +0.6	+8.9 +34.0	+5.1	+0.0	49.4	54.0	-4.6	Horiz
30	5598.600M	39.3	+0.0 -39.1	+0.3 +0.6	+9.0 +34.0	+5.1	+0.0	49.2	54.0	-4.8	Horiz
31	10497.375 M Ave	27.1	+0.0 -38.6	+0.3 +0.9	+13.4 +38.2	+7.5	+0.0	48.8	54.0	-5.2	Horiz
^	10497.375 M	35.7	+0.0 -38.6	+0.3 +0.9	+13.4 +38.2	+7.5	+0.0	57.4	54.0	+3.4	Horiz
33	12596.850 M	23.4	+0.0 -38.3	+0.1 +1.0	+15.2 +38.8	+8.6	+0.0	48.8	54.0	-5.2	Vert
34	2790.600M Ave	43.7	+0.0 -39.4	+5.5 +0.4	+5.9 +28.9	+3.7	+0.0	48.7	54.0	-5.3	Horiz
^	2790.600M	50.7	+0.0 -39.4	+5.5 +0.4	+5.9 +28.9	+3.7	+0.0	55.7	54.0	+1.7	Horiz
36	4185.900M	42.2	+0.0 -39.4	+0.3 +0.5	+8.0 +32.2	+4.6	+0.0	48.4	54.0	-5.6	Horiz
37	4883.573M	39.8	+0.0 -39.2	+0.2 +0.5	+8.5 +33.2	+4.9	+0.0	47.9	54.0	-6.1	Horiz
38	10464.750 M Ave	26.1	+0.0 -38.6	+0.3 +0.9	+13.4 +38.2	+7.5	+0.0	47.8	54.0	-6.2	Horiz
^	10464.750 M	35.2	+0.0 -38.6	+0.3 +0.9	+13.4 +38.2	+7.5	+0.0	56.9	54.0	+2.9	Horiz
40	2799.300M Ave	43.3	+0.0 -39.4	+4.8 +0.4	+5.9 +29.0	+3.7	+0.0	47.7	54.0	-6.3	Horiz
^	2799.300M	50.4	+0.0 -39.4	+4.8 +0.4	+5.9 +29.0	+3.7	+0.0	54.8	54.0	+0.8	Horiz
42	4898.773M	39.3	+0.0 -39.2	+0.2 +0.5	+8.5 +33.2	+4.9	+0.0	47.4	54.0	-6.6	Horiz
43	4898.775M	38.6	+0.0 -39.2	+0.2 +0.5	+8.5 +33.2	+4.9	+0.0	46.7	54.0	-7.3	Vert

44	8371.800M Ave	28.3	+0.0 -38.9	+0.4 +0.8	+11.7 +37.6	+6.4	+0.0	46.3	54.0	-7.7	Horiz
^	8371.800M	37.2	+0.0 -38.9	+0.4 +0.8	+11.7 +37.6	+6.4	+0.0	55.2	54.0	+1.2	Horiz
46	4198.948M	39.7	+0.0 -39.4	+0.3 +0.5	+8.0 +32.2	+4.6	+0.0	45.9	54.0	-8.1	Horiz
47	5598.600M Ave	35.9	+0.0 -39.1	+0.3 +0.6	+9.0 +34.0	+5.1	+0.0	45.8	54.0	-8.2	Vert
^	5598.600M	42.3	+0.0 -39.1	+0.3 +0.6	+9.0 +34.0	+5.1	+0.0	52.2	54.0	-1.8	Vert
49	11897.025 M Ave	20.7	+0.0 -38.6	+0.2 +1.0	+14.4 +39.7	+8.1	+0.0	45.5	54.0	-8.5	Horiz
^	11897.030 M	29.1	+0.0 -38.6	+0.2 +1.0	+14.4 +39.7	+8.1	+0.0	53.9	54.0	-0.1	Horiz
51	11197.200 M Ave	22.2	+0.0 -38.6	+0.3 +0.9	+14.0 +38.6	+7.8	+0.0	45.2	54.0	-8.8	Horiz
^	11197.200 M	29.9	+0.0 -38.6	+0.3 +0.9	+14.0 +38.6	+7.8	+0.0	52.9	54.0	-1.1	Horiz
53	7674.150M Ave	29.3	+0.0 -39.2	+0.2 +0.8	+11.4 +36.4	+6.1	+0.0	45.0	54.0	-9.0	Horiz
^	7674.150M	38.3	+0.0 -39.2	+0.2 +0.8	+11.4 +36.4	+6.1	+0.0	54.0	54.0	+0.0	Horiz
55	11162.400 M Ave	21.9	+0.0 -38.5	+0.3 +0.9	+13.9 +38.6	+7.8	+0.0	44.9	54.0	-9.1	Horiz
^	11162.400 M	29.5	+0.0 -38.5	+0.3 +0.9	+13.9 +38.6	+7.8	+0.0	52.5	54.0	-1.5	Horiz
57	12596.850 M Ave	19.5	+0.0 -38.3	+0.1 +1.0	+15.2 +38.8	+8.6	+0.0	44.9	54.0	-9.1	Horiz
^	12596.850 M	28.9	+0.0 -38.3	+0.1 +1.0	+15.2 +38.8	+8.6	+0.0	54.3	54.0	+0.3	Horiz
59	4198.953M	38.5	+0.0 -39.4	+0.3 +0.5	+8.0 +32.2	+4.6	+0.0	44.7	54.0	-9.3	Vert
60	10497.375 M Ave	22.8	+0.0 -38.6	+0.3 +0.9	+13.4 +38.2	+7.5	+0.0	44.5	54.0	-9.5	Vert
^	10497.375 M	32.9	+0.0 -38.6	+0.3 +0.9	+13.4 +38.2	+7.5	+0.0	54.6	54.0	+0.6	Vert
62	8397.900M Ave	26.1	+0.0 -38.9	+0.4 +0.8	+11.8 +37.7	+6.5	+0.0	44.4	54.0	-9.6	Horiz
^	8397.900M	35.1	+0.0 -38.9	+0.4 +0.8	+11.8 +37.7	+6.5	+0.0	53.4	54.0	-0.6	Horiz

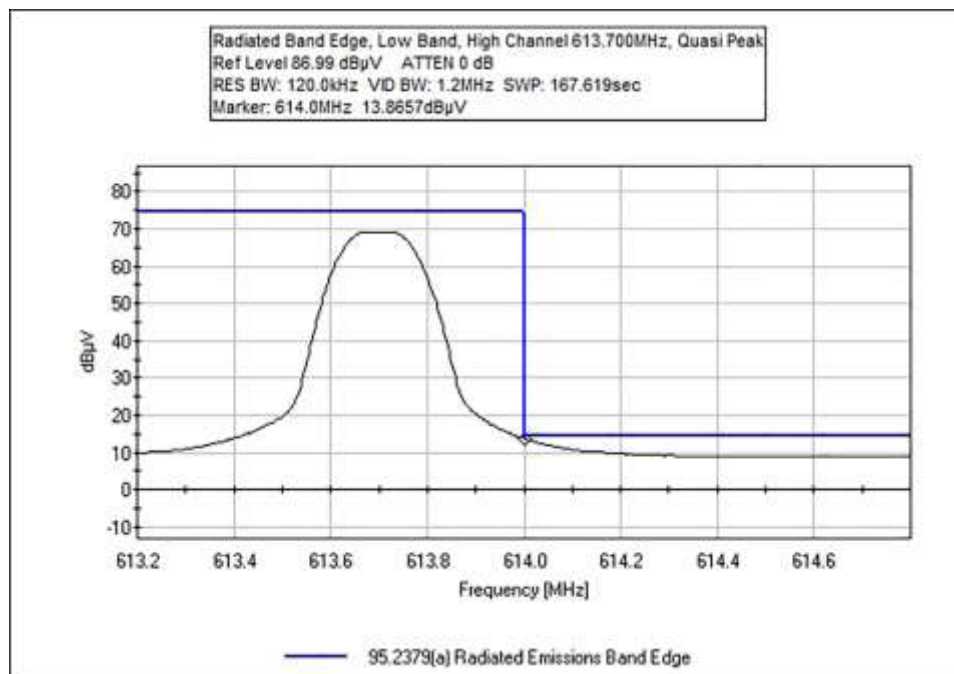
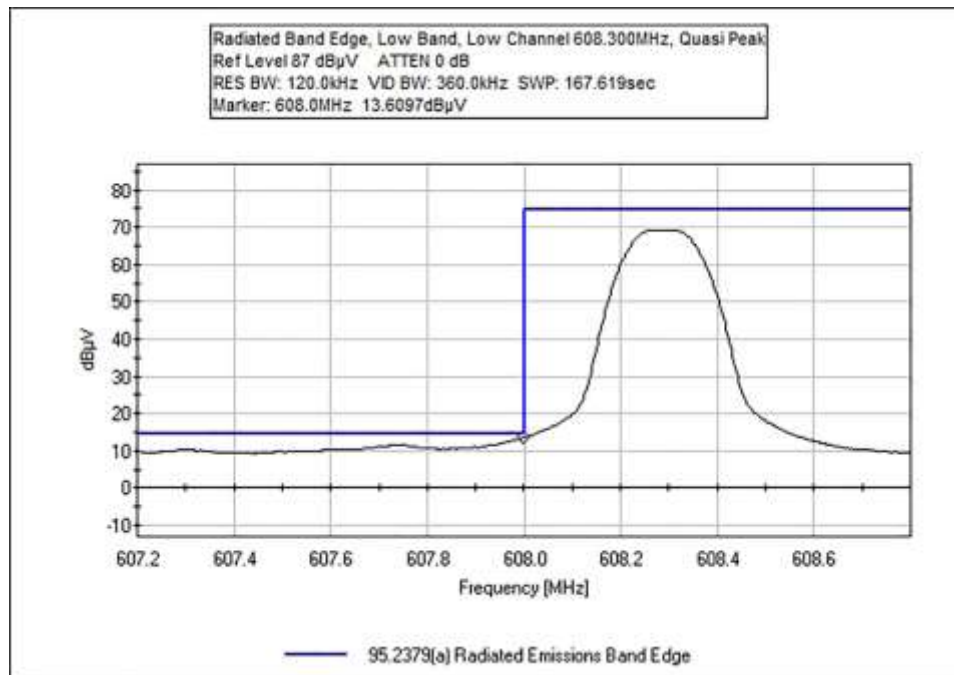
64	6298.425M	32.5	+0.0	+0.3	+9.8	+5.7	+0.0	44.3	54.0	-9.7	Vert
	Ave		-39.1	+0.7	+34.4						
^	6298.425M	41.5	+0.0	+0.3	+9.8	+5.7	+0.0	53.3	54.0	-0.7	Vert
			-39.1	+0.7	+34.4						
66	8397.900M	25.8	+0.0	+0.4	+11.8	+6.5	+0.0	44.1	54.0	-9.9	Vert
	Ave		-38.9	+0.8	+37.7						
^	8397.900M	35.2	+0.0	+0.4	+11.8	+6.5	+0.0	53.5	54.0	-0.5	Vert
			-38.9	+0.8	+37.7						
68	1227.400M	52.1	+0.6	+0.0	+3.8	+2.4	+0.0	44.0	54.0	-10.0	Vert
			-40.3	+0.3	+25.1						
69	1216.600M	52.0	+0.7	+0.0	+3.8	+2.4	+0.0	44.0	54.0	-10.0	Vert
			-40.3	+0.3	+25.1						
70	11197.200	20.6	+0.0	+0.3	+14.0	+7.8	+0.0	43.6	54.0	-10.4	Vert
	M		-38.6	+0.9	+38.6						
	Ave										
^	11197.200	32.3	+0.0	+0.3	+14.0	+7.8	+0.0	55.3	54.0	+1.3	Vert
	M		-38.6	+0.9	+38.6						
72	7698.075M	27.0	+0.0	+0.2	+11.4	+6.1	+0.0	42.8	54.0	-11.2	Vert
	Ave		-39.1	+0.8	+36.4						
^	7698.075M	37.2	+0.0	+0.2	+11.4	+6.1	+0.0	53.0	54.0	-1.0	Vert
			-39.1	+0.8	+36.4						
74	1227.400M	50.0	+0.6	+0.0	+3.8	+2.4	+0.0	41.9	54.0	-12.1	Horiz
			-40.3	+0.3	+25.1						
75	1216.600M	49.6	+0.7	+0.0	+3.8	+2.4	+0.0	41.6	54.0	-12.4	Horiz
			-40.3	+0.3	+25.1						

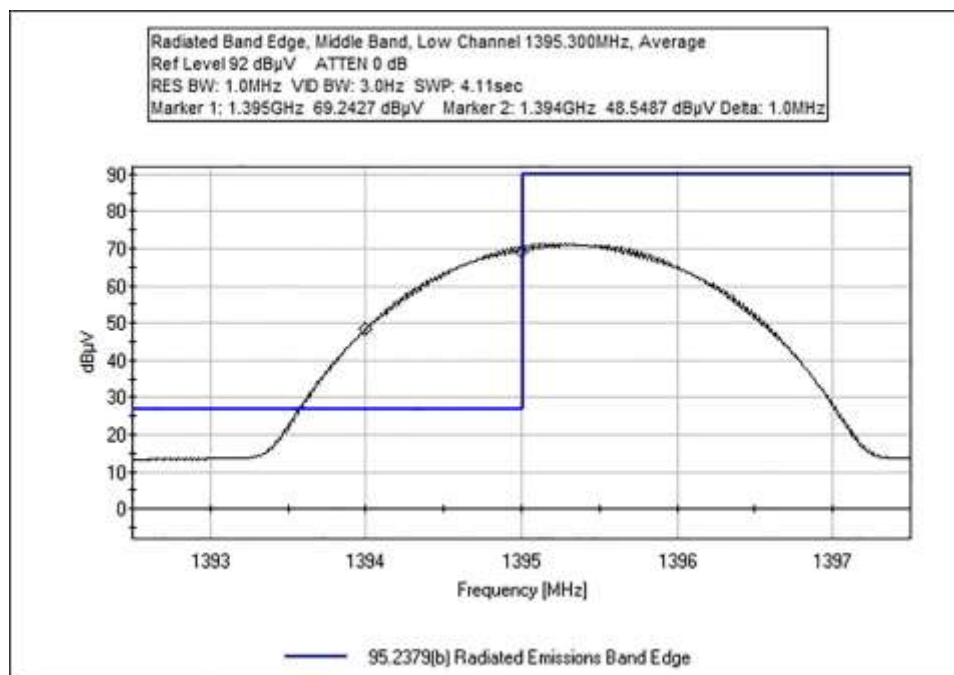
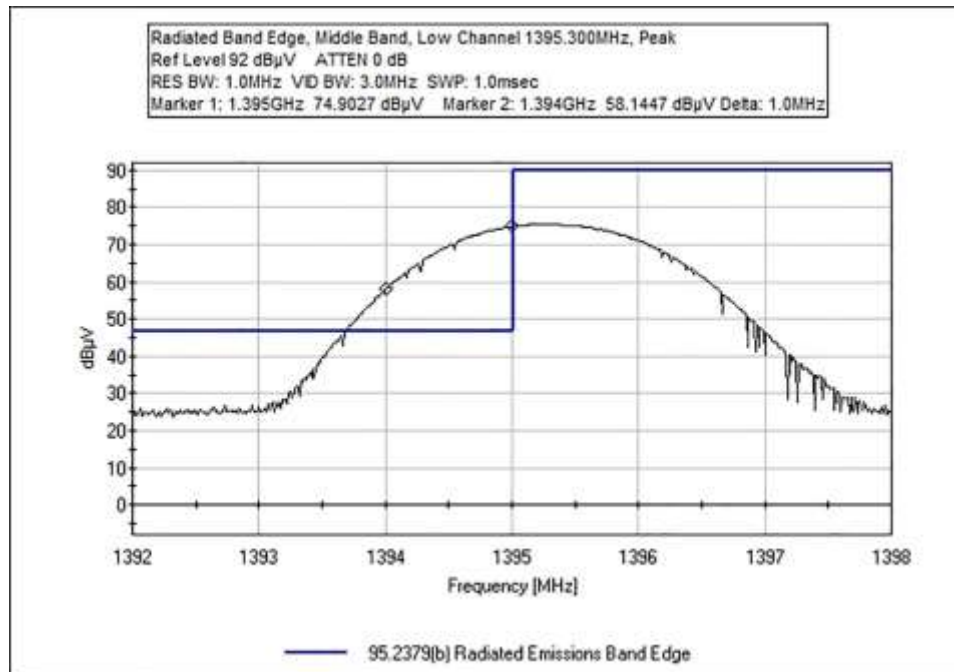
Band Edge

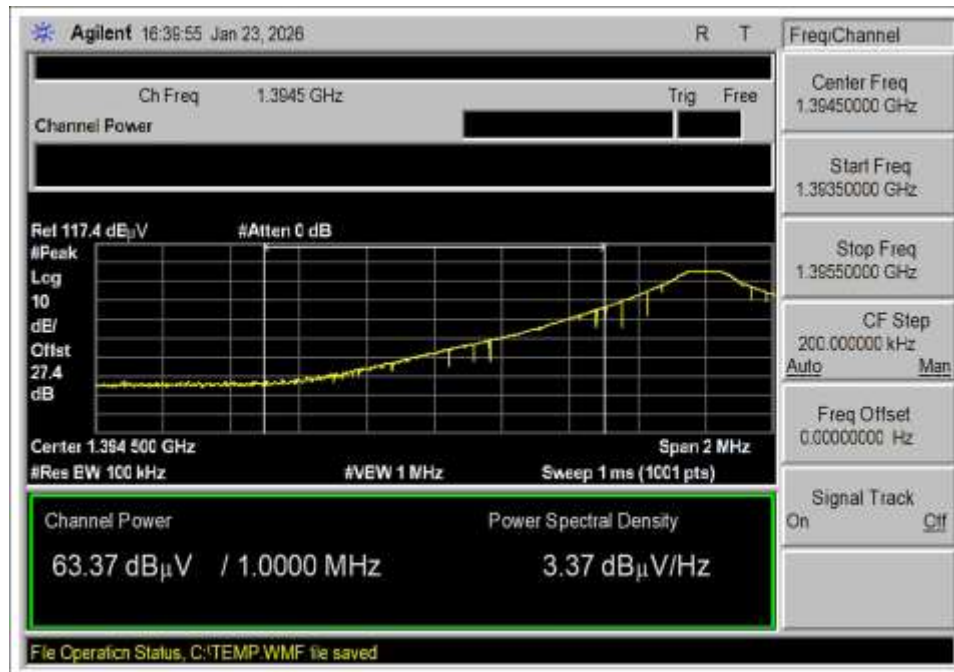
Band Edge Summary					
Frequency (MHz)	Modulation	Ant. Type	Field Strength (dBuV/m @3m)	Limit (dBuV/m @3m)	Results
608.000	4GFSK	Dipole Flex Film	44.9	<46	Pass
614.000			45.4	<46	Pass
1395.000*			46.5	< 54	Pass
1400.000*			44.2	<54	Pass
1427.000*			46.7	< 54	Pass
1432.000*			48.1	<54	Pass

*Note: The initial measurement was captured with spectrum analyzer trace, however, the RBW used included out of band emissions. Integration was employed to show compliance in areas where the initial plot capture indicates emissions over the emission limit.

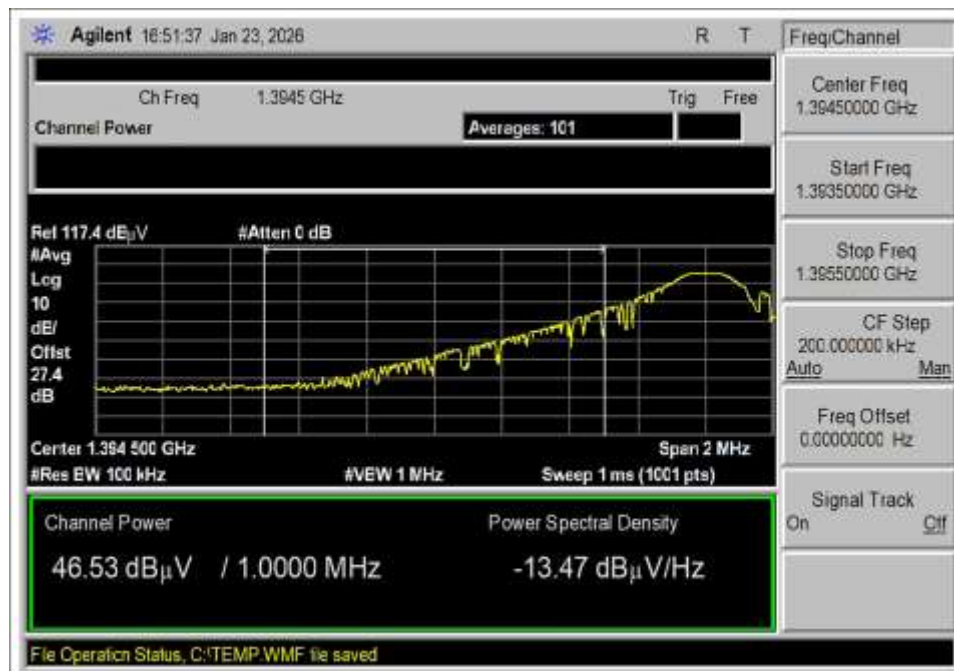
Band Edge Plots



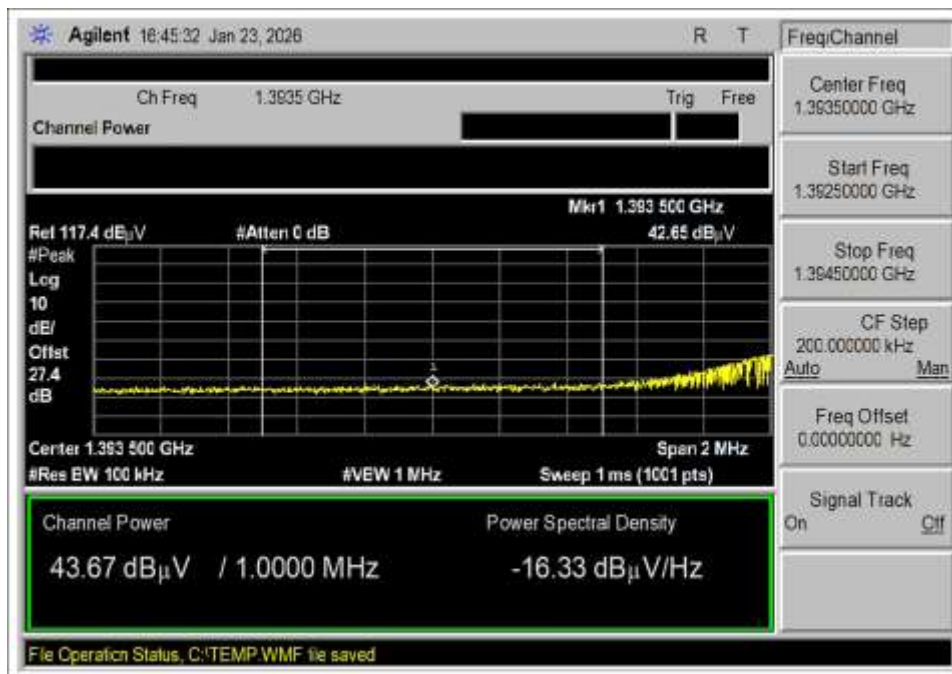




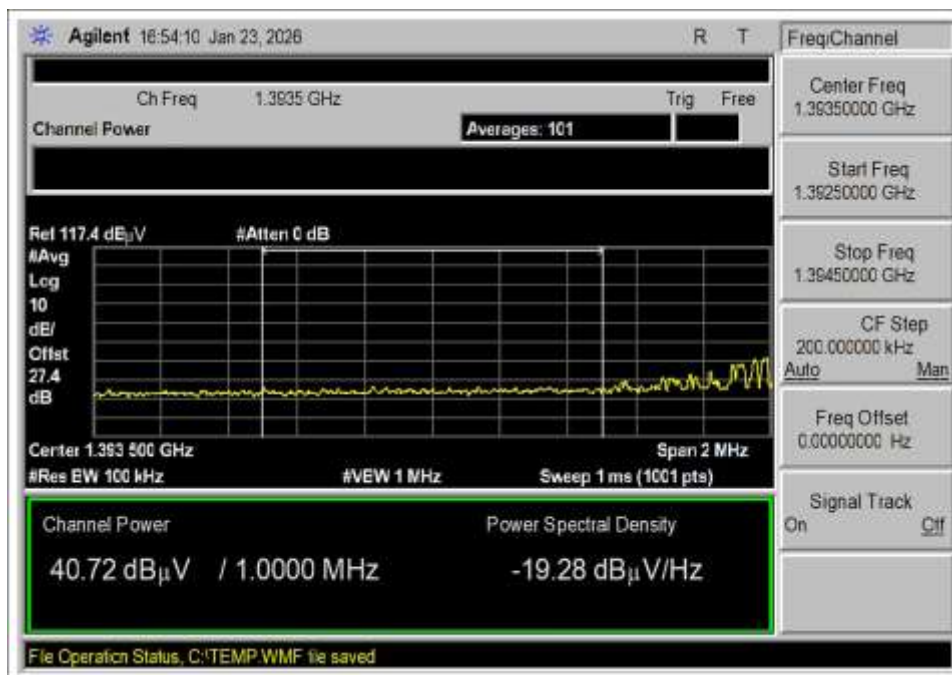
Middle Band, Low Channel, 1395.300MHz, Peak, Integration 1



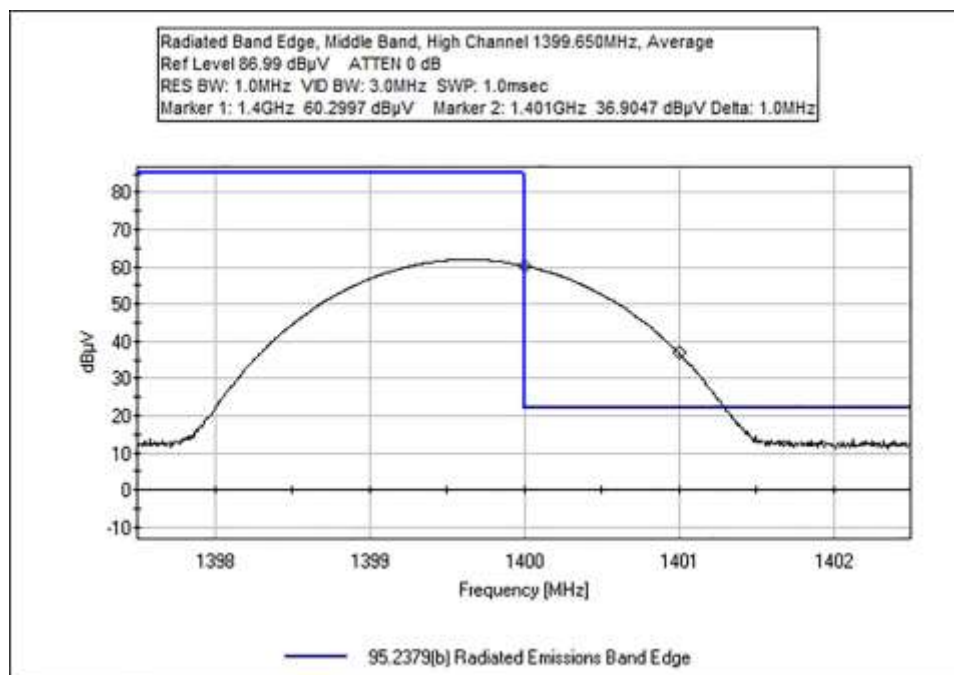
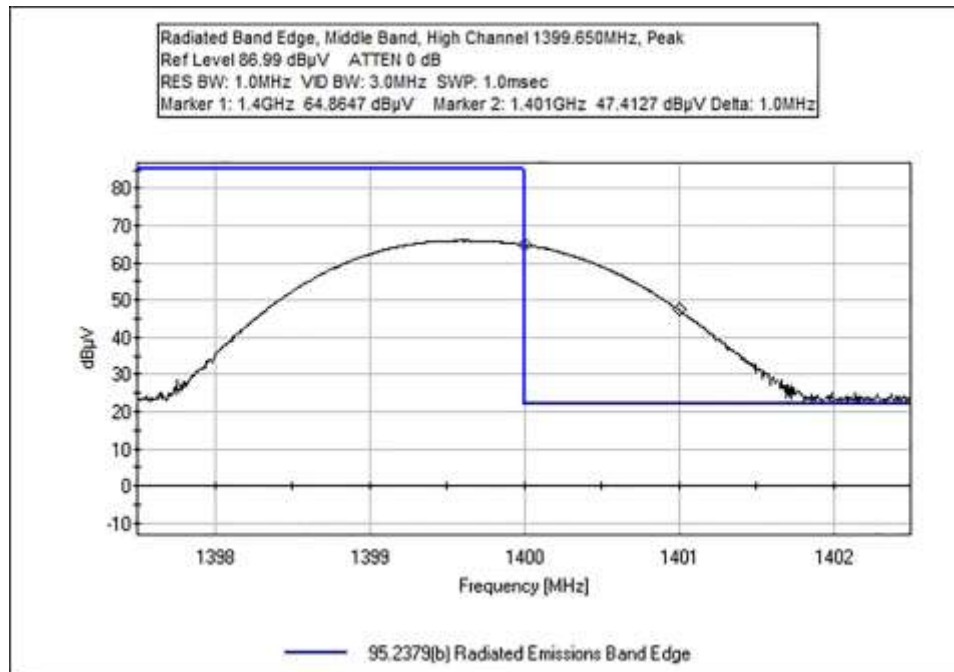
Middle Band, Low Channel, 1395.300MHz, Average, Integration 1

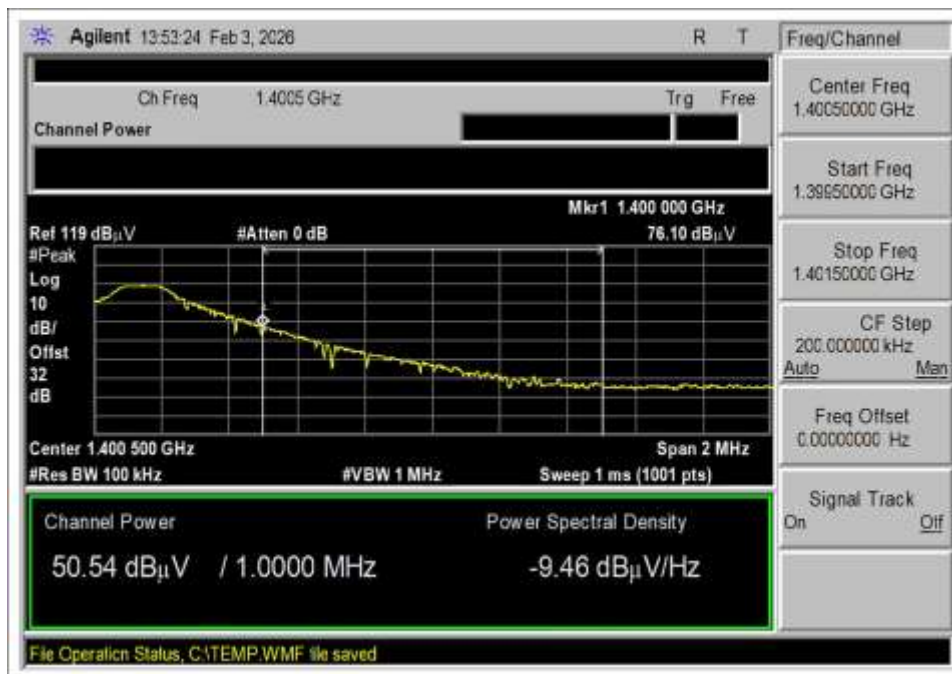


Middle Band, Low Channel, 1395.300MHz, Peak, Integration 2

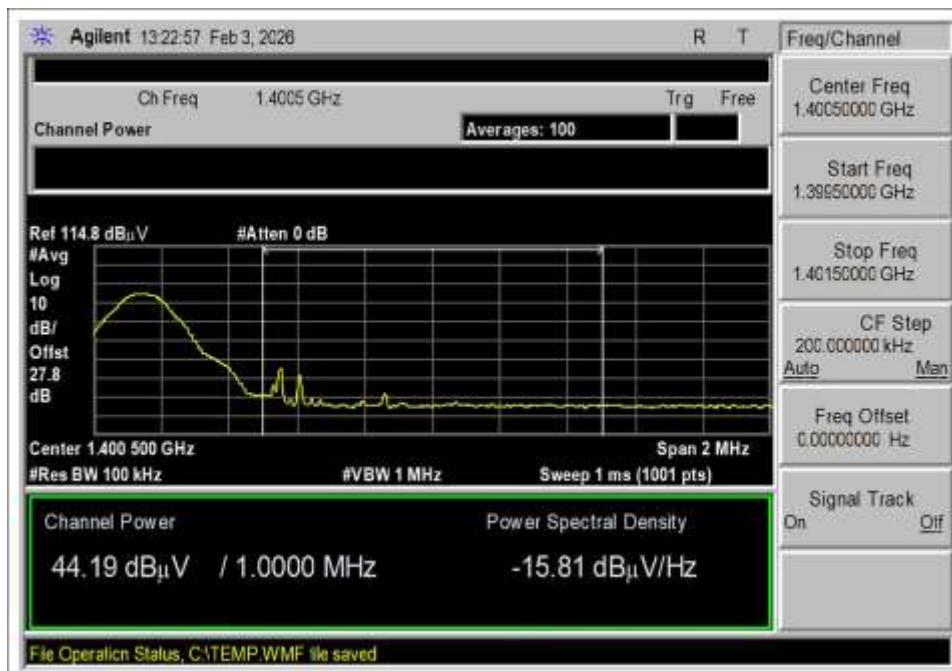


Middle Band, Low Channel, 1395.300MHz, Average, Integration 1

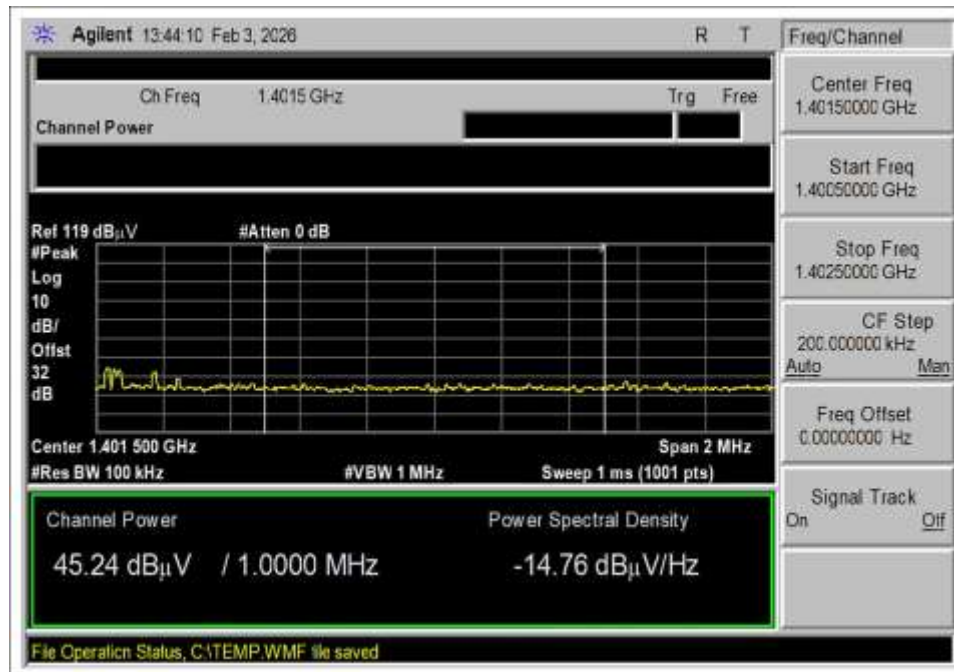




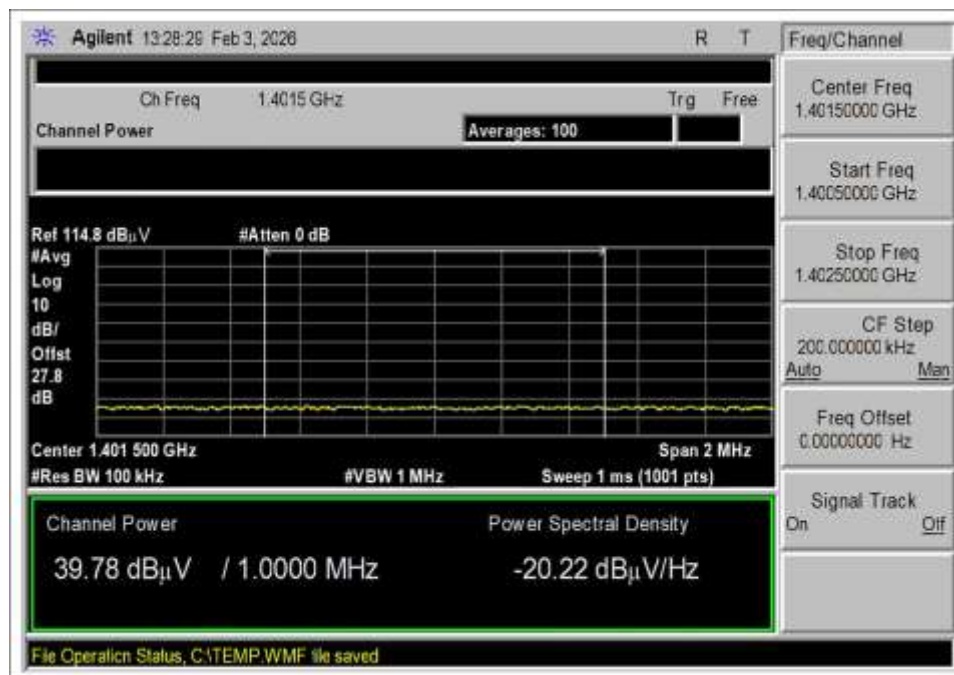
Middle Band, High Channel, 1399.650MHz, Peak, Corrected, IBM 1



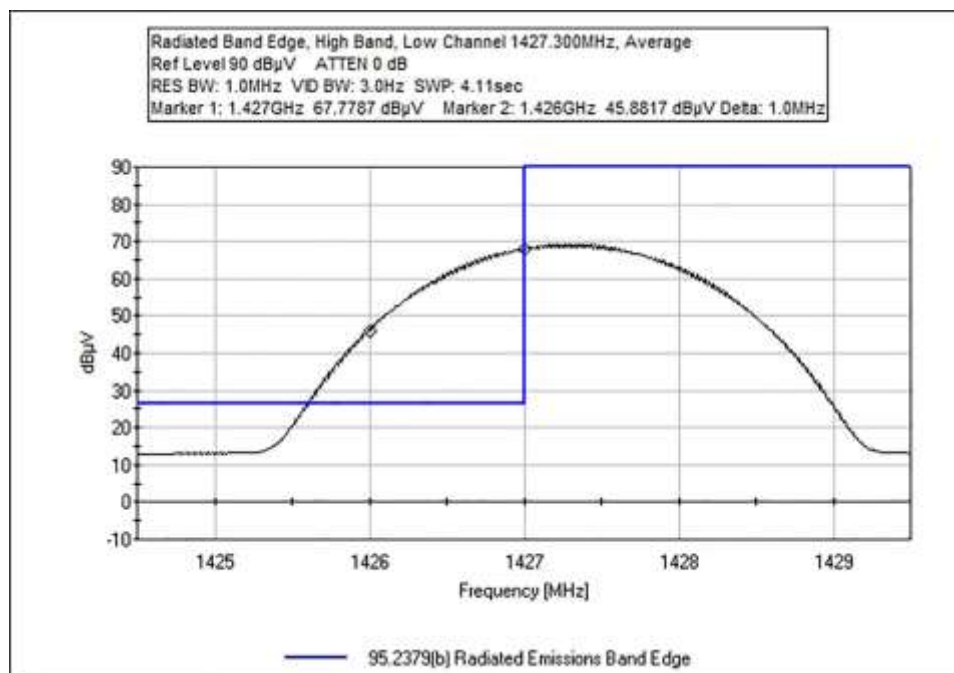
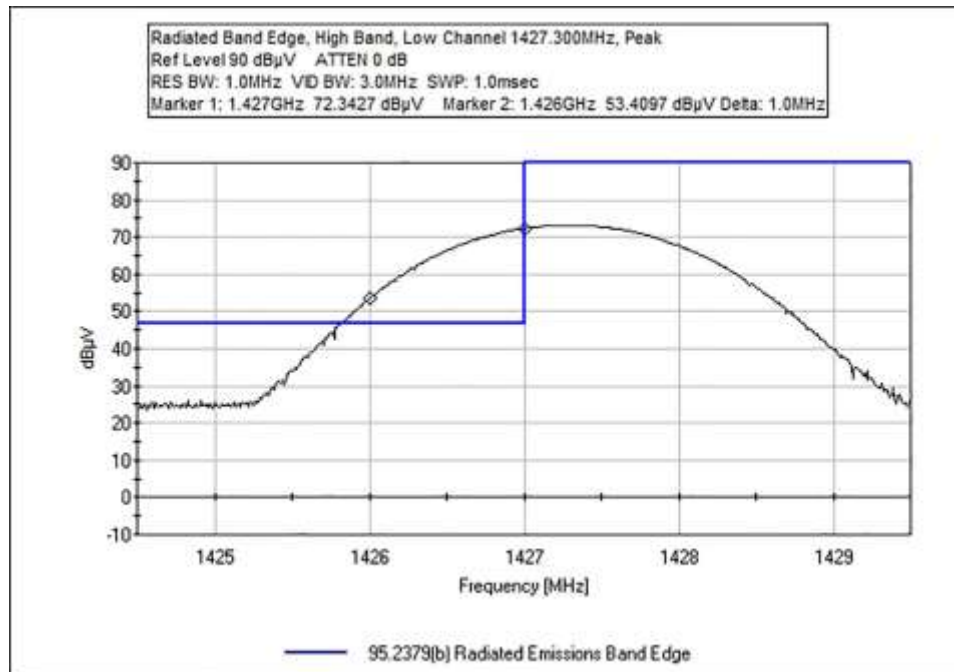
Middle Band, High Channel, 1399.650MHz, Average, Corrected, IBM 1

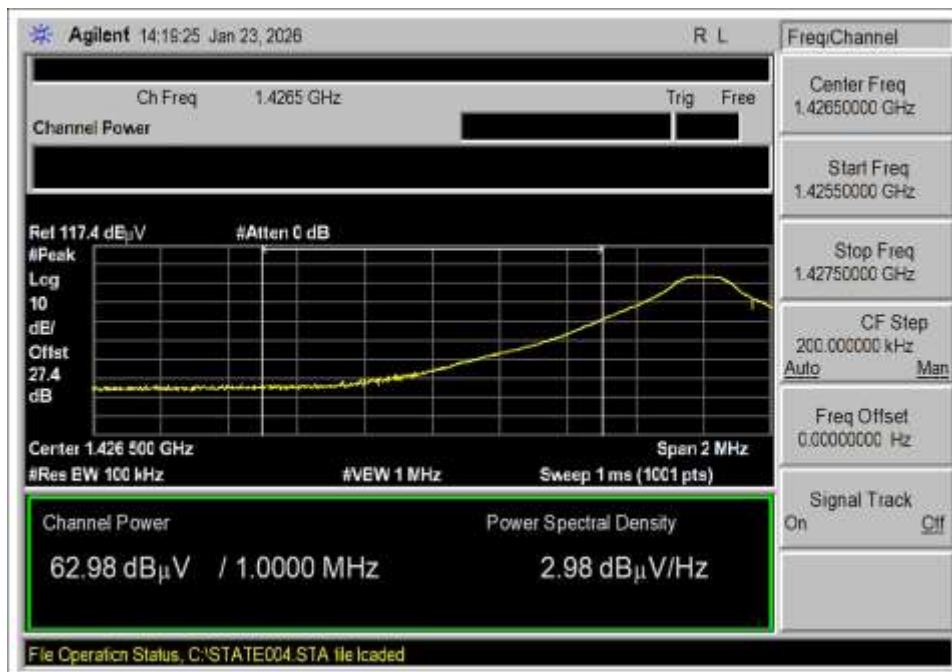


Middle Band, High Channel, 1399.650MHz, Peak, Corrected, IBM 2

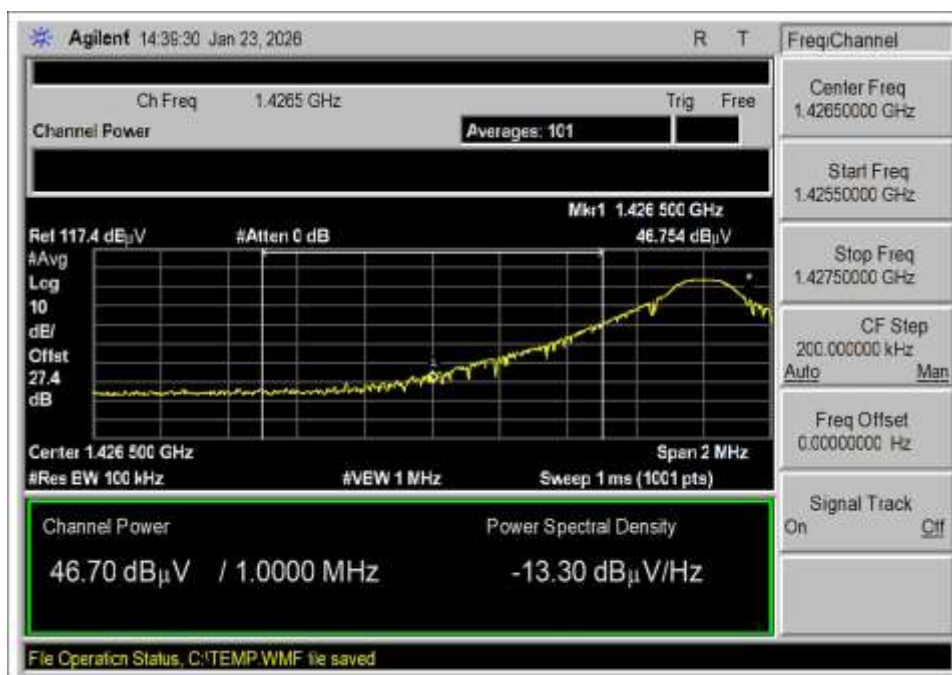


Middle Band, High Channel, 1399.650MHz, Average, Corrected, IBM 2

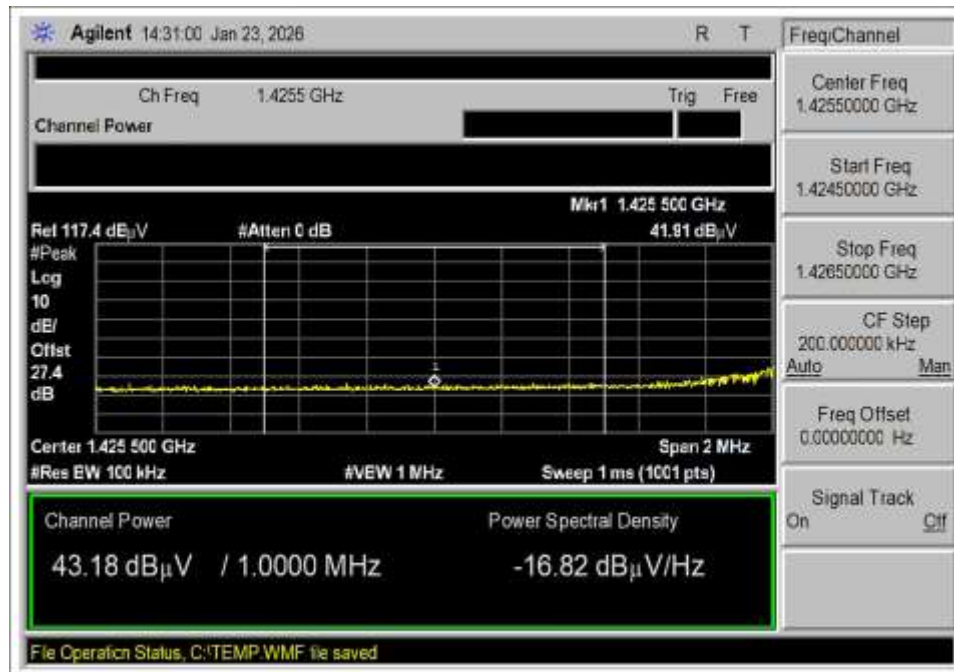




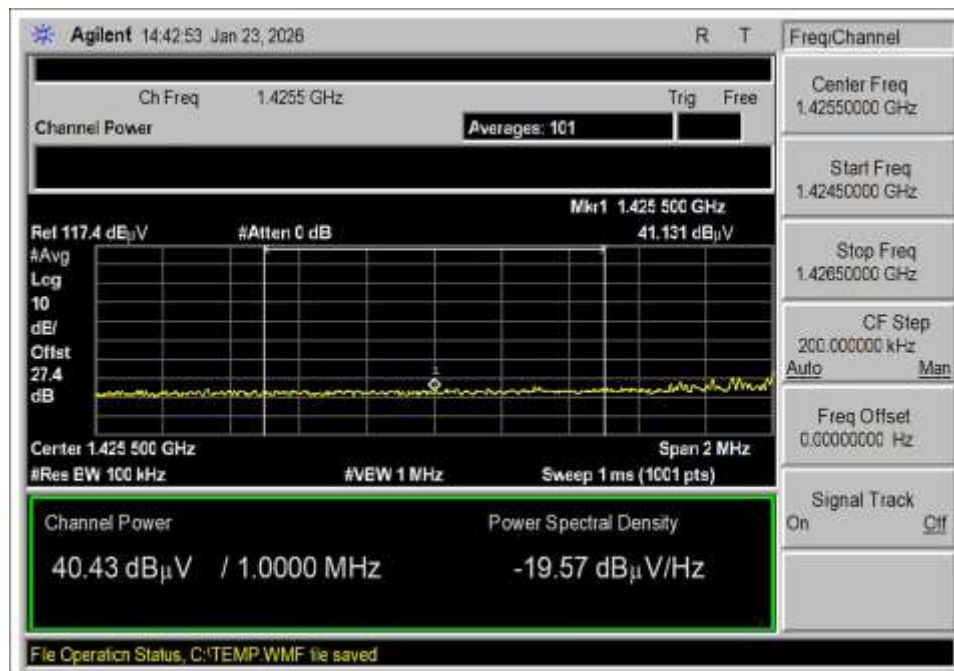
High Band, Low Channel, 1427.300MHz, Peak, Integration 1



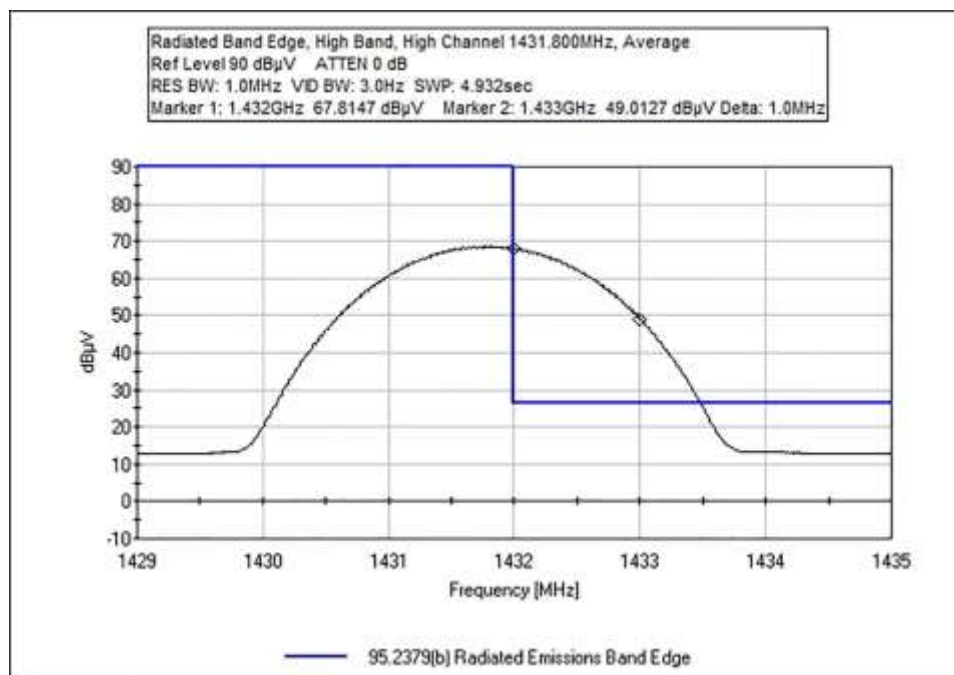
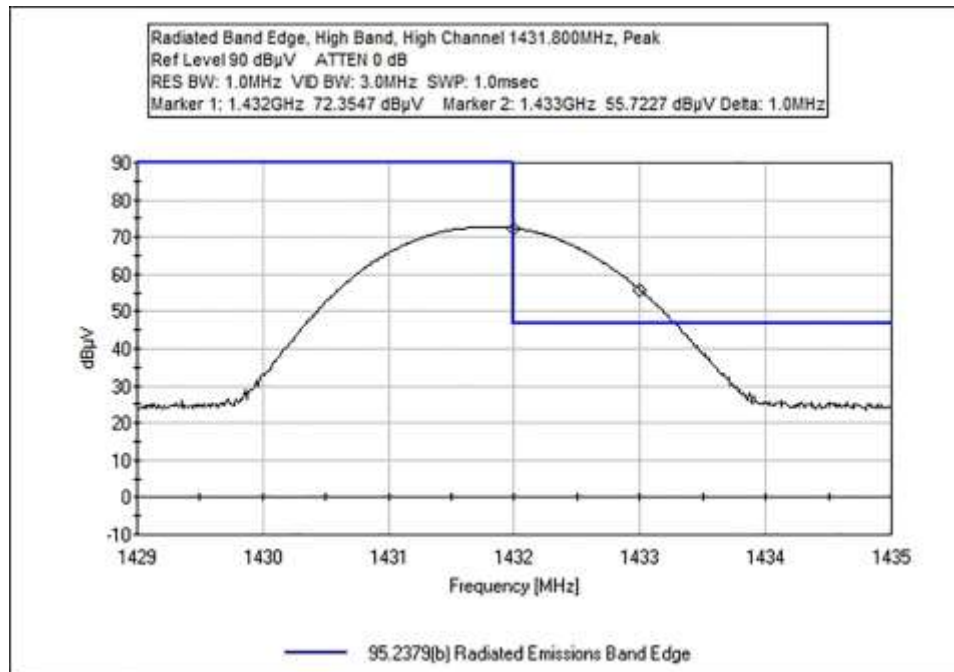
High Band, Low Channel, 1427.300MHz, Average, Integration 1

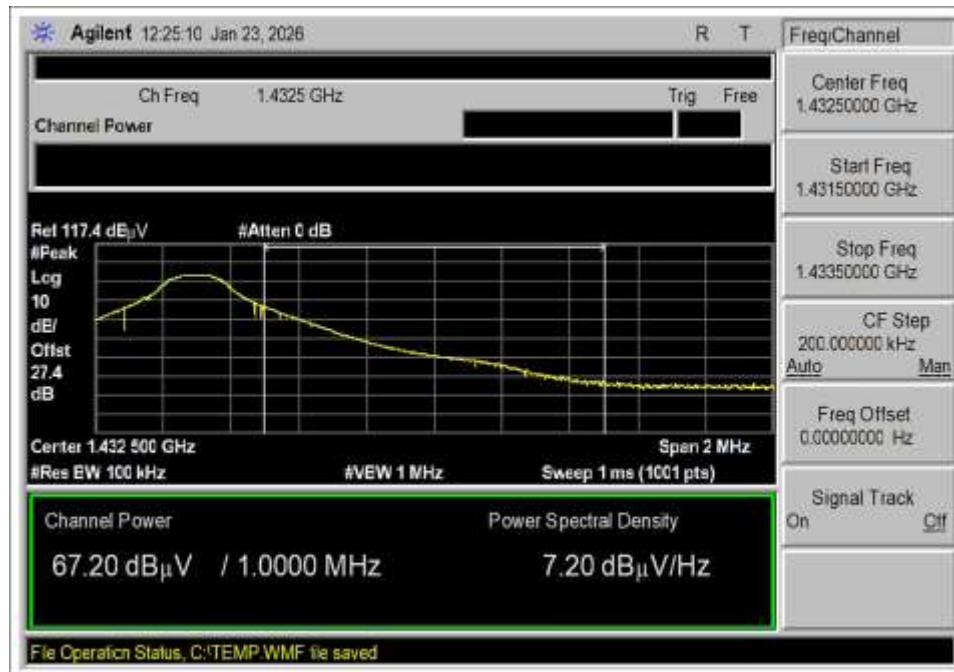


High Band, Low Channel, 1427.300MHz, Peak, Integration 2

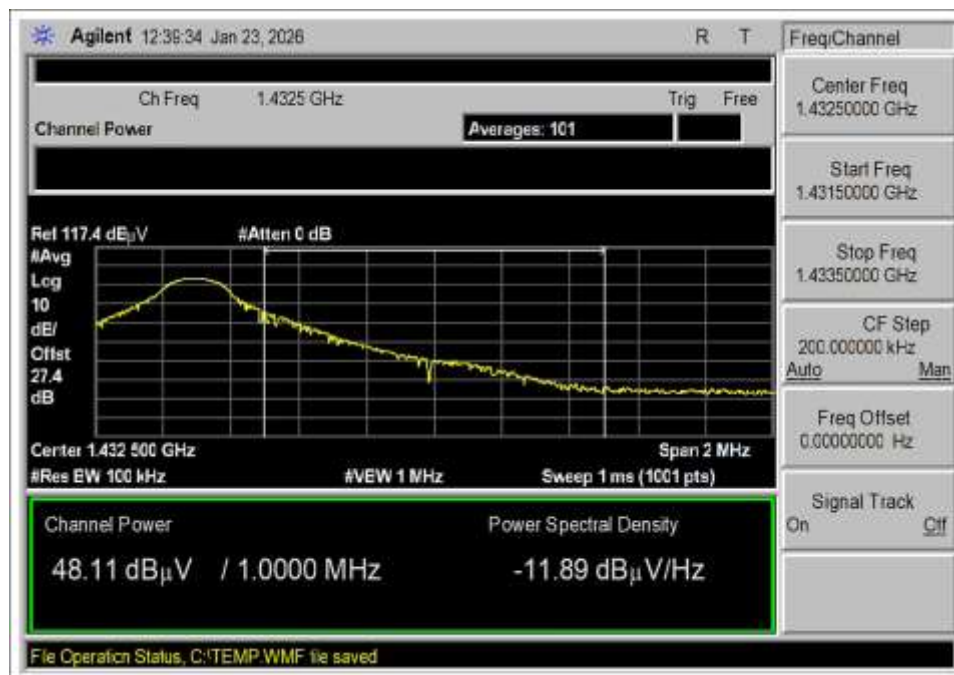


High Band, Low Channel, 1427.300MHz, Average, Integration 2

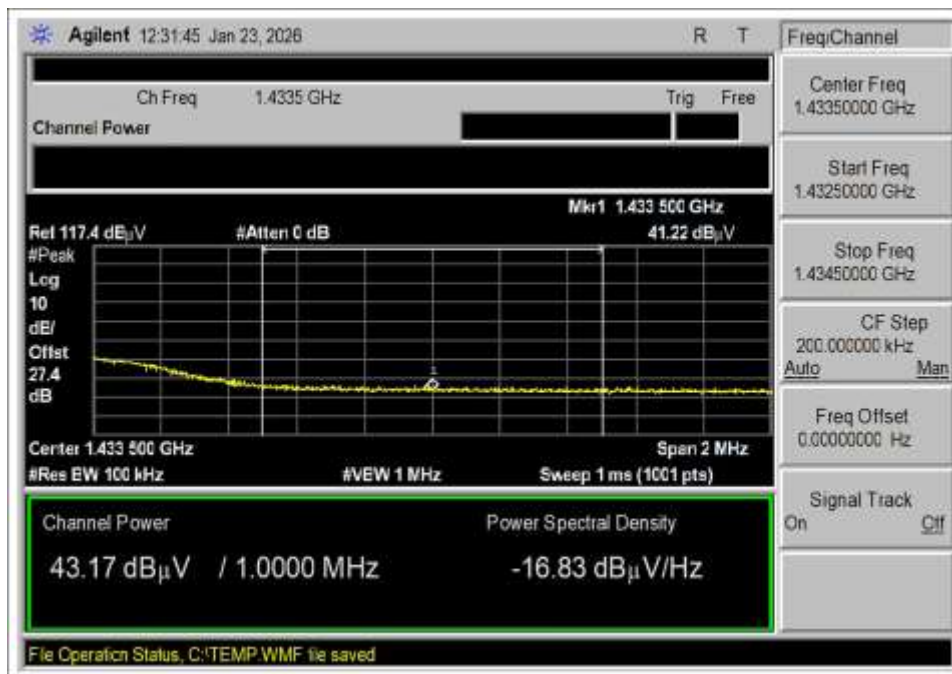




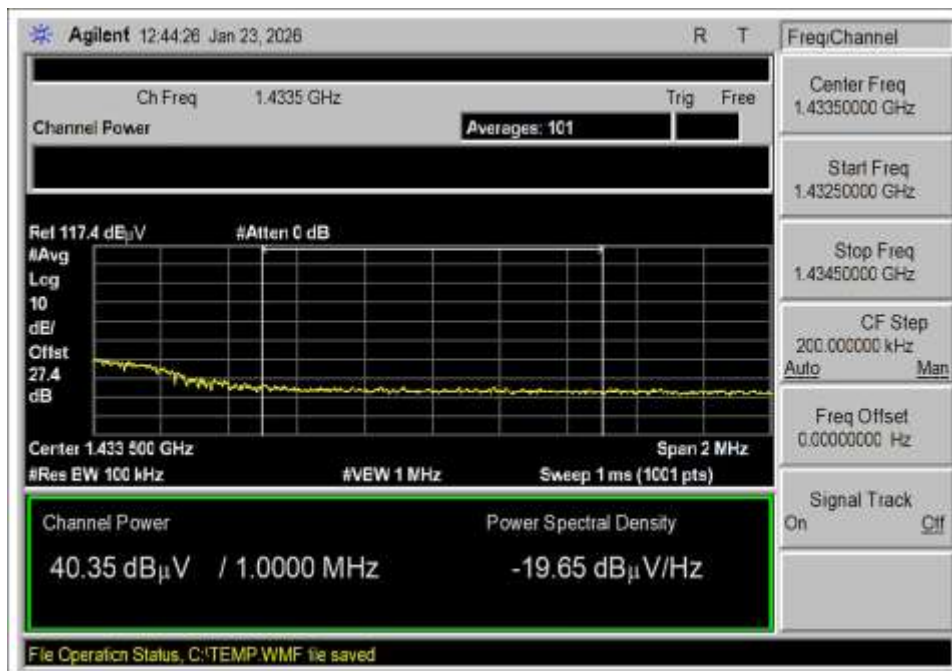
High Band, High Channel, 1431.800MHz, Peak, Integration 1



High Band, High Channel, 1431.800MHz, Average, Integration 1



High Band, High Channel, 1431.800MHz, Peak, Integration 2



High Band, High Channel, 1431.800MHz, Average, Integration 2

Test Data

Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
 Customer: **Life Sensing Instruments, Inc.**
 Specification: **95.2379(a) Radiated Emissions Band Edge**
 Work Order #: **111600** Date: 1/22/2026
 Test Type: **Radiated Scan** Time: 10:34:22
 Tested By: S. Yamamoto Sequence#: 2
 Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new internal AAA batteries (6VDC).

The EUT is set up to transmit on the lowest and highest channels within the 608MHz to 614MHz band.

Low channel 608.300MHz

High channel 613.700MHz

Power Setting 38

The EUT is tested in three orientations.

Data listed represents worse case readings.

Site A

Test Environment Conditions:

Temperature: 20°C

Humidity: 52%

Pressure: 99kPa

Test Method: ANSI C63.26 (2015)

RBW=120kHz

VBW=360kHz

Modification #1 was in place during testing.

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN03470	Spectrum Analyzer	E4440A	7/29/2025	7/29/2026
T1	ANP05198	Cable-Amplitude +15C to +45C (dB)	RG214/U	1/10/2025	1/10/2027
T2	AN03850	Biconilog Antenna	3142E	5/23/2024	5/23/2026

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dB μ V	T1 dB	T2 dB		Dist Table	Corr dB μ V/m	Spec dB μ V/m	Margin dB	Polar Ant
1	614.000M QP	13.9	+4.8	+26.7		+0.0	45.4	46.0 back power setting 38	-0.6	Horiz
2	608.000M QP	13.6	+4.7	+26.6		+0.0	44.9	46.0 back power setting 38	-1.1	Horiz



Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
 Customer: **Life Sensing Instruments, Inc.**
 Specification: **95.2379(b) Radiated Emissions Band Edge**
 Work Order #: **111600** Date: 2/3/2026
 Test Type: **Radiated Scan** Time: 12:53:22
 Tested By: K. Navarro Sequence#: 4
 Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new internal AAA batteries (6VDC).

The EUT is set up to transmit on the lowest and highest channels within the 1395MHz to 1400MHz band.
High channel 1399.650MHz

The EUT is tested in three orientations.
Data listed represents worse case readings.

Site A

Test Environment Conditions:

Temperature: 20°C

Humidity: 52%

Pressure: 99kPa

Test Method: ANSI C63.26 (2015)

RBW=1MHz

VBW=3MHz

For integrated power, transducer factors T1, T2, and T3 were turned off and the correction factor was entered into the spectrum analyzer as an amplitude offset.

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	ANP04382	Cable	LDF-50	6/4/2024	6/4/2026
T2	ANP08191	Cable	ANDL1-PNMNM-50	11/11/2024	11/11/2026
T3	AN01646	Horn Antenna	3115	3/8/2024	3/8/2026
	AN02869	Spectrum Analyzer	E4440A	1/9/2026	1/9/2027

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB	T3 dB		Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	1400.000M Ave	60.3	+4.1	+2.5	+25.4		+0.0	92.3	54.0	+38.3	Horiz
2	1401.000M Ave	36.9	+4.1	+2.5	+25.4		+0.0	68.9	54.0	+14.9	Horiz
3	1400.000M Ave	44.2	+0.0	+0.0	+0.0		+0.0	44.2	54.0 Integration	-9.8	Horiz
^	1400.000M	64.9	+4.1	+2.5	+25.4		+0.0	96.9	54.0	+42.9	Horiz
^	1400.000M	50.5	+0.0	+0.0	+0.0		+0.0	50.5	74.0 Integration	-23.5	Horiz
6	1401.000M Ave	39.8	+0.0	+0.0	+0.0		+0.0	39.8	54.0 Integration	-14.2	Horiz
^	1401.000M	47.4	+4.1	+2.5	+25.4		+0.0	79.4	54.0	+25.4	Horiz
^	1401.000M	45.2	+4.1	+2.5	+25.4		+0.0	45.2	74.0 Integration	-28.8	Horiz



Test Location: CKC Laboratories, Inc. • 110 North Olinda Place • Brea, CA 92823 • (714) 993-6112
 Customer: **Life Sensing Instruments, Inc.**
 Specification: **95.2379(b) Radiated Emissions Band Edge**
 Work Order #: **111600** Date: 1/23/2026
 Test Type: **Radiated Scan** Time: 16:56:23
 Tested By: S. Yamamoto Sequence#: 4
 Software: EMITest 5.03.20

Equipment Tested:

Device	Manufacturer	Model #	S/N
Configuration 1			

Support Equipment:

Device	Manufacturer	Model #	S/N
Configuration 1			

Test Conditions / Notes:

The equipment under test (EUT) is placed stand alone on the Styrofoam tabletop. The EUT is powered from four new internal AAA batteries (6VDC).

The EUT is set up to transmit on the lowest and highest channels within the 1427MHz to 1432MHz band.

Low channel 1427.300MHz

High channel 1431.800MHz

The EUT is set up to transmit on the lowest and highest channels within the 1395MHz to 1400MHz band.

Low channel 1395.300MHz

The EUT is tested in three orientations.

Data listed represents worse case readings.

Site A

Test Environment Conditions:

Temperature: 20°C

Humidity: 52%

Pressure: 99kPa

Test Method: ANSI C63.26 (2015)

RBW=1MHz

VBW=3MHz

For integrated power, transducer factors T1, T2, and T3 were turned off and the correction factor was entered into the spectrum analyzer as an amplitude offset.

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
	AN02869	Spectrum Analyzer	E4440A	1/9/2026	1/9/2027
T1	ANP07691	Cable	LDF1-50	9/23/2024	9/23/2026
T2	AN03873	Horn Antenna	3115	9/4/2025	9/4/2027

Measurement Data:

Reading listed by margin.

Test Distance: 3 Meters

#	Freq MHz	Rdng dBμV	T1 dB	T2 dB		Dist Table	Corr dBμV/m	Spec dBμV/m	Margin dB	Polar Ant
1	1395.000M Ave	69.2	+2.7	+24.7		+0.0	96.6	54.0	+42.6	Horiz
2	1427.000M Ave	67.8	+2.7	+24.7		+0.0	95.2	54.0	+41.2	Horiz
3	1432.000M Ave	67.8	+2.7	+24.7		+0.0	95.2	54.0	+41.2	Horiz
4	1433.000M Ave	49.0	+2.7	+24.7		+0.0	76.4	54.0	+22.4	Horiz
5	1394.000M Ave	48.5	+2.7	+24.7		+0.0	75.9	54.0	+21.9	Horiz
6	1426.000M Ave	45.9	+2.7	+24.7		+0.0	73.3	54.0	+19.3	Horiz
7	1432.000M Ave	48.1	+0.0	+0.0		+0.0	48.1	54.0	-5.9	Horiz
								Integration		
^	1432.000M	72.4	+2.7	+24.7		+0.0	99.8	74.0	+25.8	Horiz
^	1432.000M	67.2	+0.0	+0.0		+0.0	67.2	74.0	-6.8	Horiz
								Integration		
10	1427.000M Ave	46.7	+0.0	+0.0		+0.0	46.7	54.0	-7.3	Horiz
								Integration		
^	1427.000M	72.3	+2.7	+24.7		+0.0	99.7	74.0	+25.7	Horiz
^	1427.000M	63.0	+0.0	+0.0		+0.0	63.0	74.0	-11.0	Horiz
								Integration		
13	1395.000M Ave	46.5	+0.0	+0.0		+0.0	46.5	54.0	-7.5	Horiz
								Integration		
^	1395.000M	74.9	+2.7	+24.7		+0.0	102.3	74.0	+28.3	Horiz
^	1395.000M	63.4	+0.0	+0.0		+0.0	63.4	74.0	-10.6	Horiz
								Integration		
16	1394.000M Ave	40.7	+0.0	+0.0		+0.0	40.7	54.0	-13.3	Horiz
								Integration		
^	1394.000M	58.1	+2.7	+24.7		+0.0	85.5	74.0	+11.5	Horiz
^	1394.000M	43.7	+0.0	+0.0		+0.0	43.7	74.0	-30.3	Horiz
								Integration		

19	1426.000M	40.4	+0.0	+0.0	+0.0	40.4	54.0	-13.6	Horiz
	Ave						Integration		
^	1426.000M	53.4	+2.7	+24.7	+0.0	80.8	74.0	+6.8	Horiz
^	1426.000M	43.2	+0.0	+0.0	+0.0	43.2	74.0	-30.8	Horiz
							Integration		
22	1433.000M	40.4	+0.0	+0.0	+0.0	40.4	54.0	-13.6	Horiz
	Ave						Integration		
^	1433.000M	55.7	+2.7	+24.7	+0.0	83.1	74.0	+9.1	Horiz
^	1433.000M	43.2	+0.0	+0.0	+0.0	43.2	74.0	-30.8	Horiz
							Integration		

Test Setup Photo(s)



Below 1GHz



Above 1GHz, View 1



Above 1GHz, View 2

95.2365 WMTS frequency accuracy

Test Setup/Conditions

Test Location:	Brea Lab Bench	Test Engineer:	E. Wong
Test Method:	ANSI C63.26 (2015)	Test Date(s):	1/20/2026, 1/22/2026
Configuration:	2		
Declaration:	Modification #1 was in place during testing.		

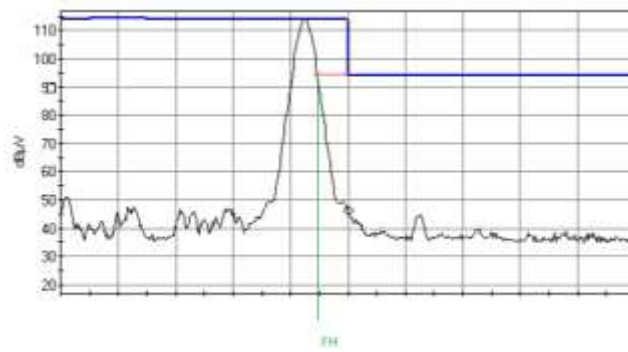
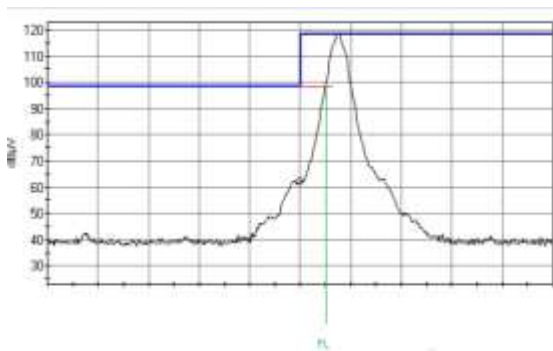
Environmental Conditions

Temperature (°C)	23	Relative Humidity (%):	40
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Test Equipment

Asset#	Description	Manufacturer	Model	Cal Date	Cal Due
03634	Spectrum Analyzer	Agilent	E4445A	04/22/2025	04/22/2026
P08330	Cable	Fluke Pomona	2249-C-240 BNC	8/25/2025	8/25/2027
P07164	Multimeter	Fluke	8845A/G	07/18/2025	07/18/2027
P05947	Thermometer	Fluke	51	5/21/2024	5/21/2026

Frequency stability was evaluated with FI, Fh obtained at frequency where WMTS unwanted emissions limits. (radiated field strength) is extrapolated to the transmit signal and calculated with relative measurement, then the EUT is placed in the temperature chamber and powered with a support power supply with variable voltage output. The voltage to the EUT was monitored via the DVM. Reference frequency measurement (-10dBc) at 20DegC and Full battery Voltage was obtained, and the deviation at the various Temperature /voltage range was collected and applied to the FI,Fh. The calculated FI, Fh shall maintain within the band 608-614MHz, 1395-1400MHz, 1427-1432MHz



§ 2.1055 Measurements required: Frequency stability.

(a) The frequency stability shall be measured with variation of ambient temperature as follows:

(1) From -30° to $+50^{\circ}$ centigrade for all equipment except that specified in [paragraphs \(a\) \(2\)](#) and [\(3\)](#) of this

(d) The frequency stability shall be measured with variation of primary supply voltage as follows

(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment

		Projected OATS reading at extreme condition	
		Fl at limit	Fh at limit
		608.0224	613.9824
Temp (C)	Voltage		
-30	6	608.02240	613.98220
-20	6	608.02240	613.98220
-10	6	608.02240	613.98220
0	6	608.02210	613.98220
10	6	608.02260	613.98240
20	6	608.02240	613.98240
30	6	608.02260	613.98240
40	6	608.02240	613.98240
50	6	608.02210	613.98240

Voltage Variations (Full Battery- End point)			
Temp (C)	Voltage	(MHz)	(MHz)
20	2.4	608.029100	613.98240
20	6	608.022400	613.98240

	FL min	FH max
	608.02210	613.98240
Designated band	608.00000	614.00000

		Projected OATS reading at extreme condition	
		Fl at limit	Fh at limit
		1395.3	1399.65
Temp (C)	Voltage		
-30	6	1395.29980	1399.64980
-20	6	1395.29980	1399.64960
-10	6	1395.29980	1399.64960
0	6	1395.29980	1399.64980
10	6	1395.29960	1399.64990
20	6	1395.30000	1399.65000
30	6	1395.30000	1399.64980
40	6	1395.30000	1399.64990
50	6	1395.30030	1399.65000

Voltage Variations Full Battery- End point)			
Temp (C)	Voltage	(MHz)	(MHz)
20	2.4	1395.30000	1399.65000
20	6	1395.30000	1399.65000

	FL min	FH max
	1395.29960	1399.65000
Designated band	1395.00000	1400.00000

		Projected OATS reading at extreme condition	
		Fl at limit	Fh at limit
		1427.3	1431.8
Temp (C)	Voltage		
-30	6	1427.29980	1431.79950
-20	6	1427.29950	1431.79970
-10	6	1427.29970	1431.79970
0	6	1427.29990	1431.79980
10	6	1427.30020	1431.79980
20	6	1427.30000	1431.80000
30	6	1427.29970	1431.80000
40	6	1427.29970	1431.79980
50	6	1427.30000	1431.80000

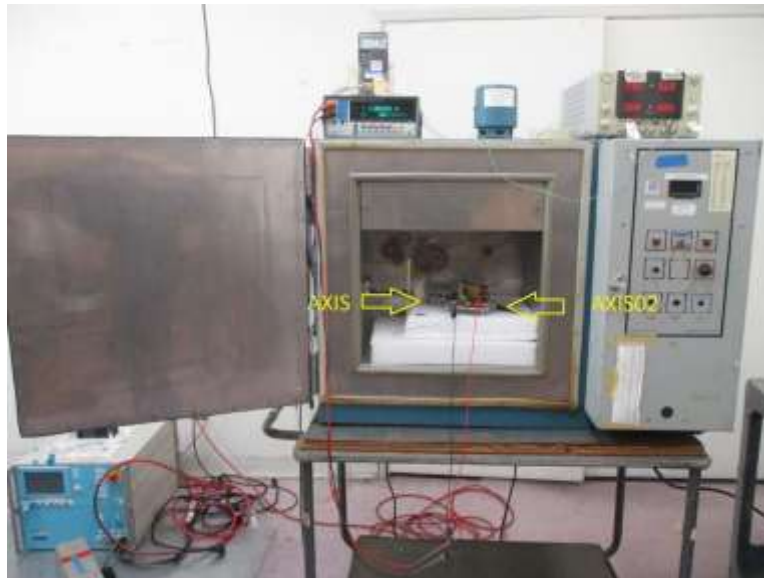
Voltage Variations ($\pm 15\%$)			
Temp (C)	Voltage	(MHz)	(MHz)
20	2.4	1427.29530	1431.80000
20	6	1427.30000	1431.80000

	FL min	FH max
	1427.29530	1431.80000
Designated band	1427.00000	1432.00000

Limit

Manufacturers of wireless medical telemetry devices are responsible for ensuring frequency accuracy such that all emissions are maintained within the designated bands of operation under all of the manufacturer's specified conditions.

Test Setup Photo(s)



Temperature Test, View 1



Temperature Test, View 2

Supplemental Information

Measurement Uncertainty

Uncertainty Value	Parameter
5.77 dB	Radiated Emissions
0.673 dB	RF Conducted Measurements
5.77×10^{-10}	Frequency Deviation
0.00005 s	Time Deviation
3.18 dB	Mains Conducted Emissions

Uncertainties reported are worst case for all CKC Laboratories' sites and represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k=2$. Compliance is deemed to occur provided measurements are below the specified limits.

Emissions Test Details

TESTING PARAMETERS

Unless otherwise indicated, the following configuration parameters are used for equipment setup: The cables were routed consistent with the typical application by varying the configuration of the test sample. Interface cables were connected to the available ports of the test unit. The effect of varying the position of the cables was investigated to find the configuration that produced maximum emissions. Cables were of the type and length specified in the individual requirements. The length of cable that produced maximum emissions was selected.

The equipment under test (EUT) was set up in a manner that represented its normal use, as shown in the setup photographs. Any special conditions required for the EUT to operate normally are identified in the comments that accompany the emissions tables.

The emissions data was taken with a spectrum analyzer or receiver. Incorporating the applicable correction factors for distance, antenna, cable loss and amplifier gain, the data was reduced as shown in the table below. The corrected data was then compared to the applicable emission limits. Preliminary and final measurements were taken in order to ensure that all emissions from the EUT were found and maximized.

CORRECTION FACTORS

The basic spectrum analyzer reading was converted using correction factors as shown in the highest emissions readings in the tables. For radiated emissions in dB μ V/m, the spectrum analyzer reading in dB μ V was corrected by using the following formula. This reading was then compared to the applicable specification limit. Individual measurements were compared with the displayed limit value in the margin column. The margin was calculated based on subtracting the limit value from the corrected measurement value; a positive margin represents a measurement exceeding the limit, while a negative margin represents a measurement less than the limit.

SAMPLE CALCULATIONS		
	Meter reading	(dB μ V)
+	Antenna Factor	(dB/m)
+	Cable Loss	(dB)
-	Distance Correction	(dB)
-	Preamplifier Gain	(dB)
=	Corrected Reading	(dB μ V/m)

TEST INSTRUMENTATION AND ANALYZER SETTINGS

The test instrumentation and equipment listed were used to collect the emissions data. A spectrum analyzer or receiver was used for all measurements. Unless otherwise specified, the following table shows the measuring equipment bandwidth settings that were used in designated frequency bands. For testing emissions, an appropriate reference level and a vertical scale size of 10 dB per division were used.

MEASURING EQUIPMENT BANDWIDTH SETTINGS PER FREQUENCY RANGE			
TEST	BEGINNING FREQUENCY	ENDING FREQUENCY	BANDWIDTH SETTING
CONDUCTED EMISSIONS	150 kHz	30 MHz	9 kHz
RADIATED EMISSIONS	9 kHz	150 kHz	200 Hz
RADIATED EMISSIONS	150 kHz	30 MHz	9 kHz
RADIATED EMISSIONS	30 MHz	1000 MHz	120 kHz
RADIATED EMISSIONS	1000 MHz	>1 GHz	1 MHz

SPECTRUM ANALYZER/RECEIVER DETECTOR FUNCTIONS

The notes that accompany the measurements contained in the emissions tables indicate the type of detector function used to obtain the given readings. Unless otherwise noted, all readings were made in the "positive peak" detector mode. Whenever a "quasi-peak" or "average" reading was recorded, the measurement was annotated with a "QP" or an "Ave" on the appropriate rows of the data sheets. In cases where quasi-peak or average limits were employed and data exists for multiple measurement types for the same frequency then the peak measurement was retained in the report for reference, however the numbering for the affected row was removed and an arrow or caret ("^") was placed in the far left-hand column indicating that the row above takes precedence for comparison to the limit. The following paragraphs describe in more detail the detector functions and when they were used to obtain the emissions data.

Peak

In this mode, the spectrum analyzer or receiver recorded all emissions at their peak value as the frequency band selected was scanned. By combining this function with another feature called "peak hold," the measurement device had the ability to measure intermittent or low duty cycle transient emission peak levels. In this mode the measuring device made a slow scan across the frequency band selected and measured the peak emission value found at each frequency across the band.

Quasi-Peak

Quasi-peak measurements were taken using the quasi-peak detector when the true peak values exceeded or were within 2 dB of a quasi-peak specification limit. Additional QP measurements may have been taken at the discretion of the operator.

Average

Average measurements were taken using the average detector when the true peak values exceeded or were within 2 dB of an average specification limit. Additional average measurements may have been taken at the discretion of the operator. If the specification or test procedure requires trace averaging, then the averaging was performed using 100 samples or as required by the specification. All other average measurements are performed using video bandwidth averaging. To make these measurements, the test engineer reduces the video bandwidth on the measuring device until the modulation of the signal is filtered out. At this point, the measuring device is set into the linear mode and the scan time is reduced.

End of Report