

FCC (USA)/ISED (Canada) TEST REPORT

47 CFR FCC Part 15, Subpart C (Section 15.247)

Digital Transmission System

Industry Canada RSS-247 Issue 4

Bluetooth LE

Report Reference No: LIG20250929-01

Testing Laboratory: ElectroMagnetic Investigations, LLC

Address: 8531 NE Cornell Road. Suite 600, Hillsboro, OR, USA

Accreditation: A2LA Accredited Testing Laboratory

Applicant's name: Leupold & Stevens, Inc.

Address: 14400 NW Greenbrier Parkway
Beaverton, OR 97006
United States

Testing specification

Standard: FCC 47 CFR Part 15C
FCC 47 CFR Part 15B
RSS-247 Issue 4
RSS-Gen, Issue 5, 2018-04
ANSI C63.10-2020 (Corrigendum 1:2023, Amendment 1:2024)
ANSI C63.4 :2014

Equipment Under test (EUT): BX-6 Range HD

Serial Number: 25050006

Product description: Laser Rangefinding Binocular

Model No. BX-6 Range HD

Additional Model(s): N/A

Hardware version: Rev.A

Firmware / Software version: V1.0.0

FCC ID: 2BSUZR519B

IC ID 846A-RF519B

Test result: Passed

Possible test case verdicts

Neither assessed nor tested:	N/N
Required by standard but not applicable:	N/A
Required by standard but not tested:	NOT PERFORMED
Not required by standard:	N/R
EUT meets the requirement:	P (Pass)
EUT does not meet the requirement:	F (Fail)

Testing

Test Lab Temperature:	20 – 28 C
Test Lab Humidity:	30 – 38 %
Date EUT received:	2025/10/22
Date(s) of performance of tests:	2025/10/22 – 2025/12/09
Complied by:	Ryan Benitez 
Tested by:	Ryan Benitez 
Approved by:	Henry Benitez 
Date of issue:	2025/12/22
Total number of pages:	59

General remarks

The test results presented in this report relate only to the object tested. The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report shall not be reproduced, except in full, without written approval of the issuing test laboratory.

Revision History

Version	Date Issued	Description of Revision
1.0	2025/12/22	Initial Release

Authorizations

FCC (USA): Accepted by FCC for performance of radiated emissions and conducted emissions measurements. FCC ID: US1092.

Industry Canada: Accepted by Industry Canada for performance of radiated emissions and conducted emissions measurements. ISED Canada CAB ID US0203.

European Union (CE): ElectroMagnetic Investigations, LLC is equipped and capable of performing EMC CE compliance testing to European Union EMC CE requirements for Information Technology Equipment (ITE), Measurement, Control and Laboratory Equipment (MCL), and other equipment.

American Association of Lab Accreditations (A2LA): ElectroMagnetic Investigations is accredited to perform the tests contained within this report to the standards listed.



Certificate #2569.01

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1 Equipment (Test item) description

Description: Laser Rangefinding Binocular
 Model: BX-6 Range HD
 Additional Model(s): N/A
 Brand Name(s): Leupold & Stevens, Inc.
 Serial number: 25050006
 Hardware version: Rev.A
 Software / Firmware version: V1.0.0
 FCC-ID: 2BSUZR519B
 IC: 846A-RF519B
 Equipment type: End product
 Radio type: BLE
 Number of radios: 1 BTLE transceiver built into device

Radio technology: BLE (Bluetooth Low Energy)
 Operating frequency range: 2402 – 2480 MHz
 Assigned frequency band: 2400 – 2483.5 MHz
 Number of RF channels: 40

Channels	F ₀	CH:0 / 2402 MHz
	F ₁	CH:1 / 2404 MHz
	F ₂	CH:20 / 2442 MHz
	F ₃	CH:38 / 2478 MHz
	F ₄	CH:39 / 2480 MHz

Main test frequencies	F _{low}	CH:0 / 2402 MHz
	F _{mid}	CH:20 / 2442 MHz
	F _{high}	CH:39 / 2480 MHz

Modulations: GFSK
 Emissions designator: 1M10FXW
 Nominal emission bandwidth: 680 kHz
 Channel spacing: 2000 kHz
 Spectrum access: Listen-before-talk
 Number of antennas: 1

Antenna 0	Type	Monopole
	Gain	3.35 dBi

Manufacturer: TAOGLAS

Power supply	V_{nom}	3 volts
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Temperature	T_{nom}	20 C
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1.1 Photos – Equipment external

See dedicated report

1.2 Photos – Equipment internal

See dedicated report

1.3 Photos – Test setup

See dedicated report

1.4 Supporting equipment used during testing

Product type*	Device	Manufacturer	Model No.	Comments
None				
*Note: Use the following abbreviations: AE : Auxiliary/Associated Equipment SIM : Simulator (Not Subject to Test) CABL : Connecting cables				

1.5 Test modes

Mode #	Description	
DTS	General conditions:	EUT powered by a laboratory power supply. Active connection to companion device. Tested with 100% duty cycle.
	Radio conditions:	Mode = Transmit mode Modulation = GFSK Power level = Maximum
Receive	General conditions:	EUT powered by a laboratory power supply.
	Radio conditions:	Mode = standalone receive Modulation = GFSK
AC-Powerline	General conditions:	Active data connection between EUT and companion device. EUT connected to AM main via AC/DC Adaptor
	Radio conditions:	Mode = Transmit mode Modulation = GFSK Power level = Maximum

1.6 Test equipment used during testing

Conducted				
Description	Manufacturer	Model	Cal. Date	Cal. Due
Analyzer	Agilent	E4440A	2025/06/18	2026/06/18
Radiated spurious emissions				
Description	Manufacturer	Model	Cal. Date	Cal. Due
Analyzer	Agilent	E4440A	2025/06/18	2026/06/18
Analyzer	Agilent	E4443A	2023/01/30	2026/01/30
Antenna	Com-Power	AC-220	2024/02/23	2026/02/23
Antenna	Com-Power	AHA-118	2023/02/21	2026/02/21
Antenna	Com-Power	AH-840	2022/11/11	2027/11/11
Pre-Amp	Amplifier Research	LN1000	2025/01/20	2026/01/20

1.7 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in dB μ V. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric field strength to voltage that can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

$$\text{Reading on analyzer (dB}\mu\text{V)} + \text{A.F. (dB)} = \text{Net field strength (dB}\mu\text{V/m)}$$

Measurement Uncertainty:

Test Measurement uncertainties (k=2.05):

Radiated Field strength at 3m measured with:

Bilog Antenna (30 MHz – 1 GHz)..... ± 5.6 dB

Horn Antenna (1-18 GHz) ± 4.0 dB

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dB μ V/m). The FCC limits are given in units of μ V/m. The following formula is used to convert the units of μ V/m to dB μ V/m:

$$\text{Limit (dB}\mu\text{V/m)} = 20 * \log(\mu\text{V/m})$$

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A positive margin indicates the emission was below the limit. A negative margin indicates that the emission exceeds the emission was below the limit.

Example only:

$$\begin{array}{rclclcl} \text{Reading} + \text{A.F.} & = & \text{Net Reading} & : & \text{FCC limit} - \text{Net reading} & = & \text{Margin} \\ 21.5 \text{ dB}\mu\text{V} + 26 \text{ db} & = & 47.5 \text{ dB}\mu\text{V/m} & : & 57.0 \text{ dB}\mu\text{V/m} - 47.5 \text{ dB}\mu\text{V/m} & = & 9.5 \text{ dB} \end{array}$$

2 Result summary

FCC 47 CFR Part 15C, IC RSS-247, IC RSS-Gen					
Section	Requirement - Test	FCC	IC	ANSI	Result
3.1	Channel Frequencies	---	---	---	PASS
3.2	AC power line conducted emissions	15.207(a)	RSS-247 RSS-Gen 8.8	C63.4 7	N/A
3.3	Antenna Requirement	15.203	RSS-GEN 6.8	---	PASS
3.4	99% Bandwidth	N/A	RSS-GEN 6.7	C63.4 6.9.2	PASS
3.5	6 dB Bandwidth	15.247(a)(2)	RSS-247 Issue 4 5.3(a)	C63.10 11.8.1	PASS
3.6	Peak transmit power	15.247(b)(3)	RSS-247 Issue 4 5.4(d)	C63.10 11.9.1.1	PASS
3.7	Power Spectral Density	15.247(e)	RSS-247 Issue 4 5.2(b)	C63.10 11.10.2.1	PASS
3.8	Out-of-band emissions	15.247(d) 15.209	RSS-247 Issue 4 5.5	C63.10 6.10.4 C63.10 11.11 C63.10 11.12.3 C63.10 6.5, 6.6	PASS
3.9	Band Edges compliance	15.247(d) 15.209 15.205	RSS-Gen 8.9, 8.10		

3 Test conditions and results

3.1 Channel Frequencies

FCC 15.247, RSS-247 Issue 4:

Within 2400 – 2483.5 MHz band for Digital Transmission System (DTS) devices.

BLE Channel	Frequency (MHz)
Upper Band Edge	2483.5
39 (Highest)	2480
38	2478
20	2442
1	2404
0 (Lowest)	2402
Lower Band Edge	2400

3.2 Test conditions and results – AC power line conducted emissions

Conducted emissions acc. to FCC 47 CFR 15C / IC RSS-247 Issue 4				Verdict: PASS	
Test performed by: ElectroMagnetic Investigations, LLC					
EUT requirement rule parts and clause			Reference		
			FCC 15.207(a) RSS-Gen 8.8		
Test according referenced standards			Reference Method		
			ANSI C63.4		
Fully configured sample scanned over the following frequency range			Frequency range		
			0.15 MHz to 30 MHz		
Points of Application			Application Interface		
AC Mains			LISN		
EUT test mode			AC-Powerline		
Limits and results					
Frequency [MHz]		Quasi-Peak [dBμV]	Result	Average [dBμV]	Result
0.15 to 0.5		66 to 56*	N/A	56 to 46*	N/A
0.5 to 5		56	N/A	46	N/A
5 to 30		60	N/A	50	N/A
Comments: Battery operated device					

Conducted Emissions Measurement System uncertainty ($k=2.05$) ± 3.7 dB

Sample conducted emissions measurement:

RF Reading from Spectrum Analyzer (dBuV) + Cable Loss Factor (dB) + LISN Factor (dB) = Final Conducted Emission Level (dBuV).

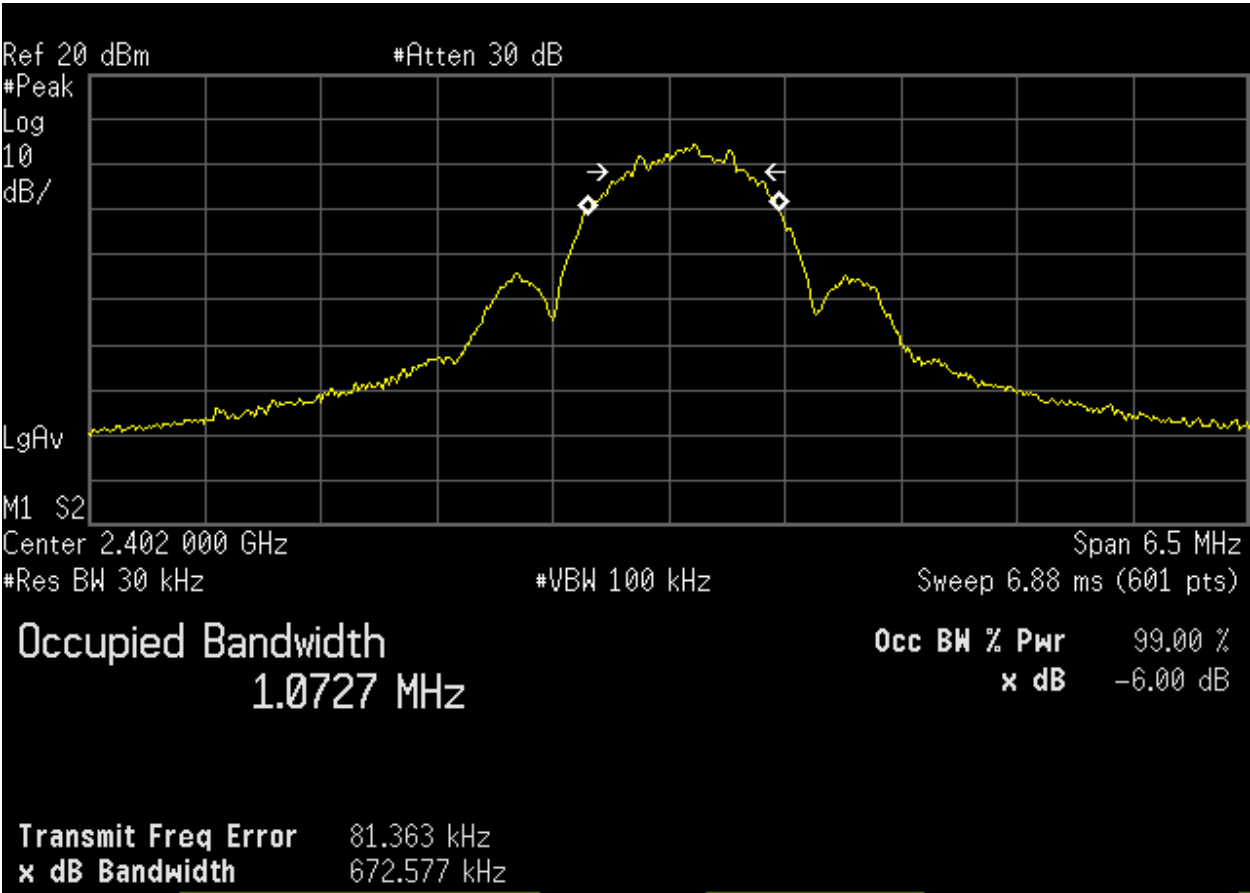
3.3 Test conditions and results – Antenna requirement

Antenna requirement acc. to FCC 47 CFR 15C / IC RSS-GEN			Verdict: PASS
Test performed by: ElectroMagnetic Investigations			
EUT requirement rule parts and clause		Reference	
		FCC 15.317, FCC 15.203, RSS-GEN 6.8	
Test according to measurement reference		Reference	
		Visual inspection & declaration	
Requirements			
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. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. When an antenna conducted measurement is used to determine the RF output power of the device, the effective gain of the antenna intended for the device must be stated based on measurement or on data from the measured RF output power before using the power limits.			
Results			
Antenna No.	Type	Antenna gain [dBi]	Antenna gain in excess of 6 dBi
0	internal	3.35	0
Comment:			

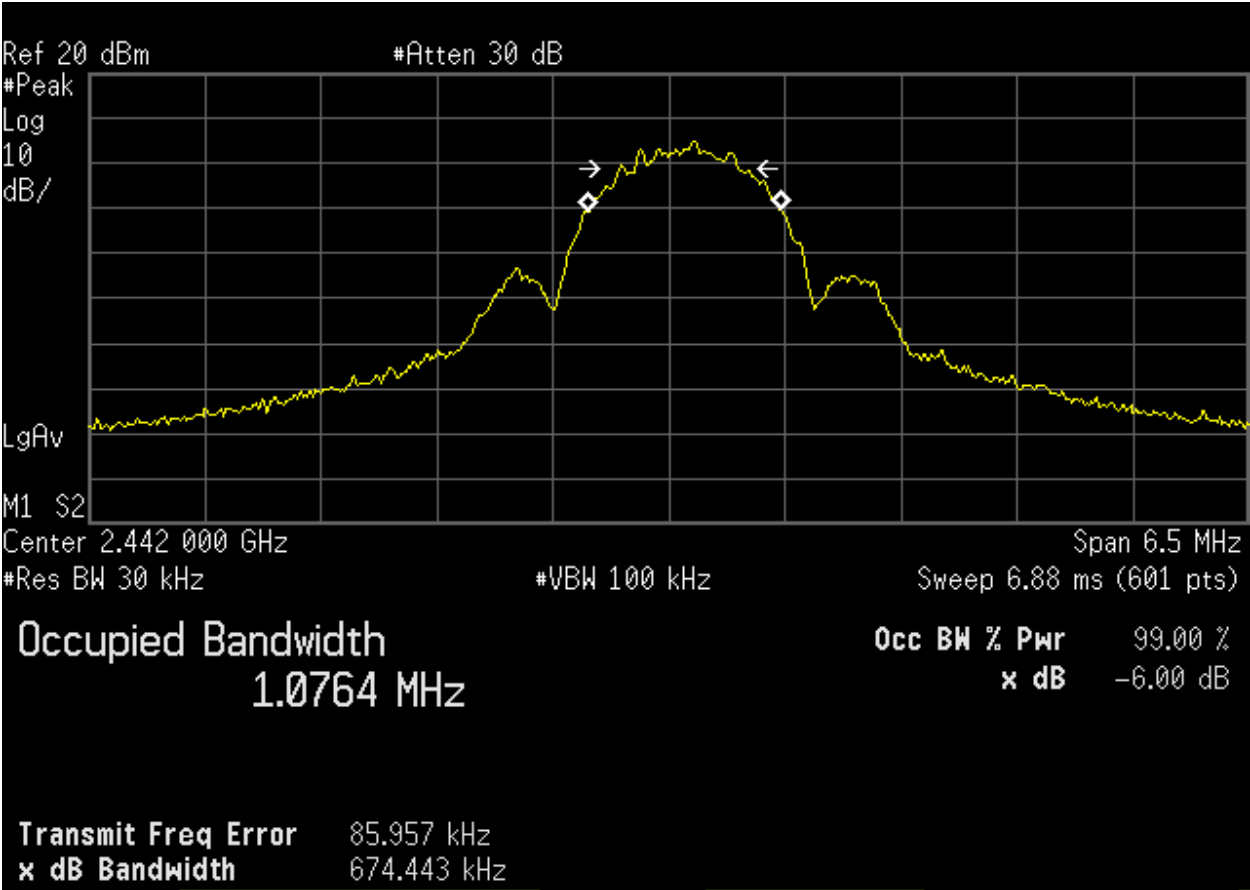
3.4 Test conditions and results – Occupied bandwidth

Occupied Bandwidth acc. to IC RSS-GEN		Verdict: PASS
Test performed by: ElectroMagnetic Investigations		
Test according to measurement reference	Reference Method	
	IC RSS-GEN 6.7	
EUT test mode	GSFK	
Occupied Bandwidth		
Test results		
Antenna 0		
Channel	Center frequency [MHz]	Occupied Bandwidth [MHz]
F _{LOW}	2402	1.0727
F _{MID}	2442	1.0764
F _{HIGH}	2480	1.0793
Comments:		

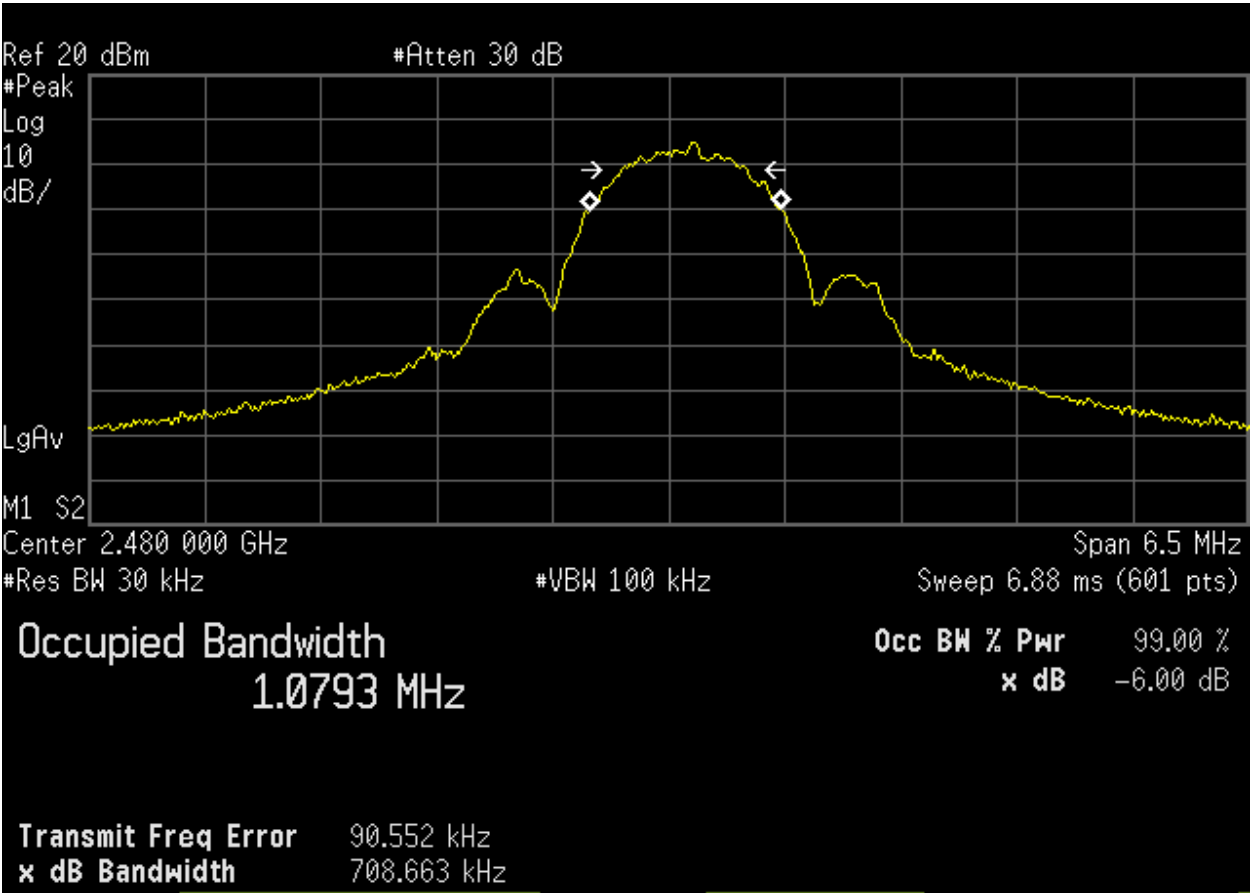
Antenna 0 F_{LOW}



Antenna 0 F_{MID}



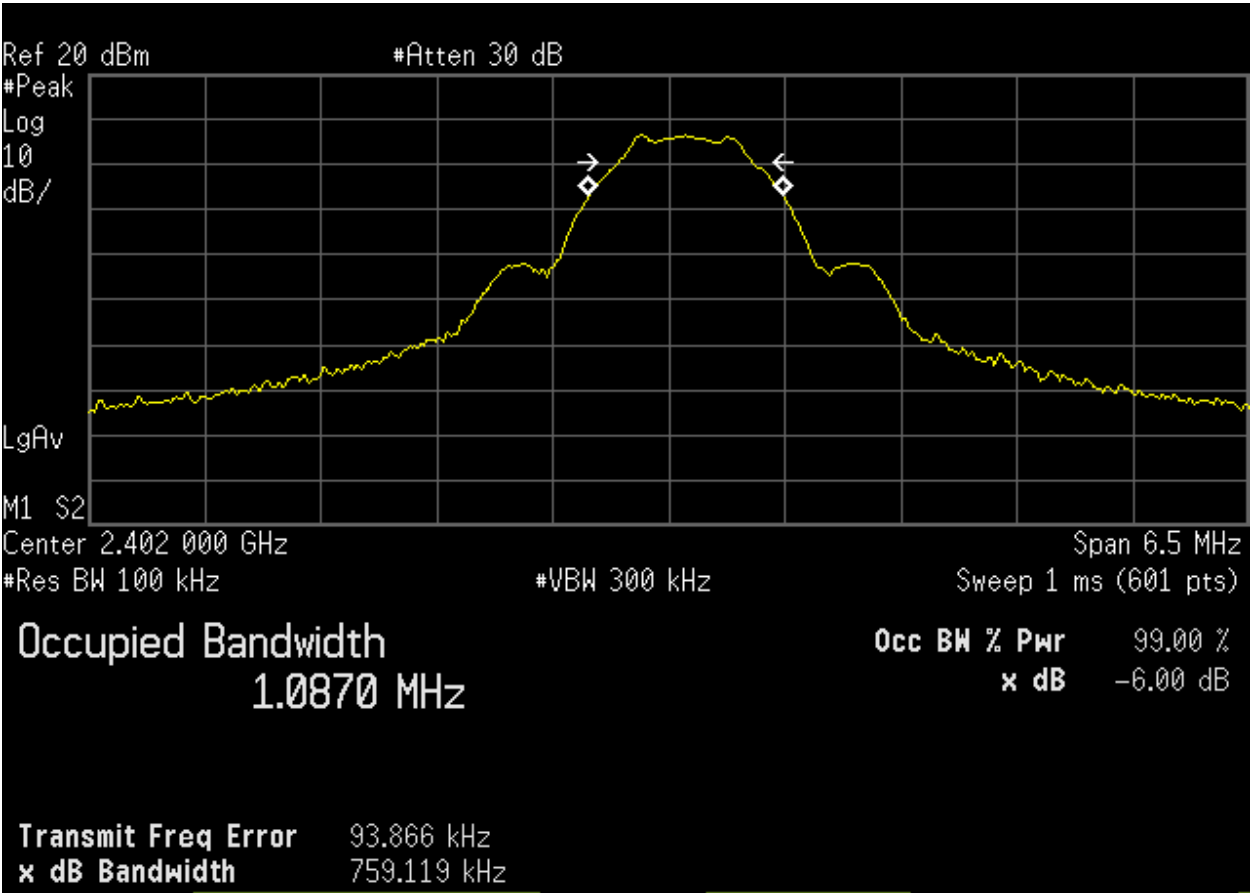
Antenna 0 F_{HIGH}



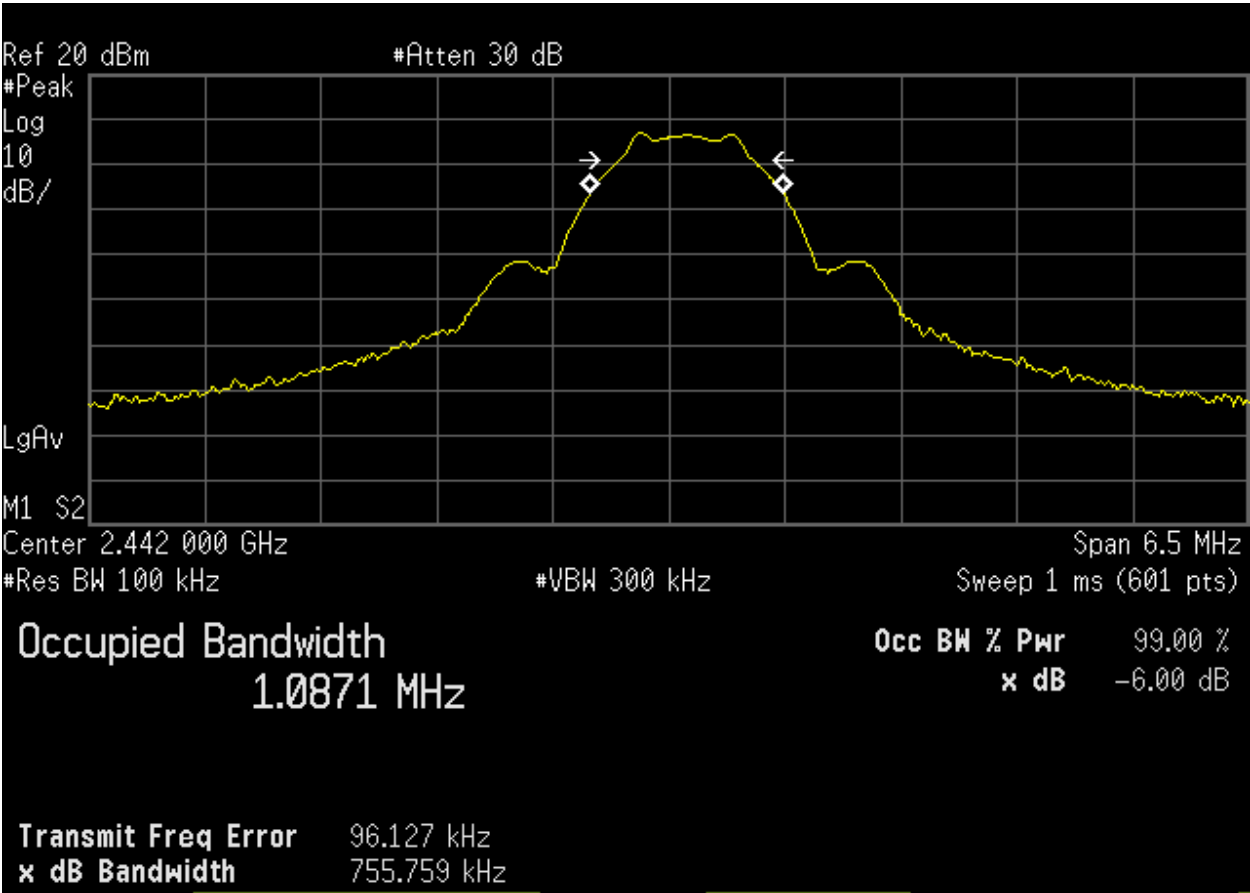
3.5 Test conditions and results – 6 dB Bandwidth

Emission Bandwidth acc. to FCC 47 CFR 15C and RSS-247 Issue 4			Verdict: PASS
Test performed by: ElectroMagnetic Investigations			
Test according to measurement reference	Reference		
	FCC 15.247(a)(2), IC RSS-247 Issue 4 5.2(a)		
Test according to measurement reference	Reference Method		
	ANSI C63.10-2020 (Corrigendum 1:2023, Amendment 1:2024) 11.8.1		
Tested frequencies	$F_{\text{low}} / F_{\text{MID}} / F_{\text{high}}$		
EUT test mode	Test Mode: GFSK (DTS)		
Limits			
Test results			
Antenna 0			
Channel	Center frequency [MHz]	Mode	Emission Bandwidth [MHz]
F_{low}	2402	-6 dB	0.759119
F_{MID}	2442	-6 dB	0.755759
F_{high}	2480	-6 dB	0.750719
Comments:			

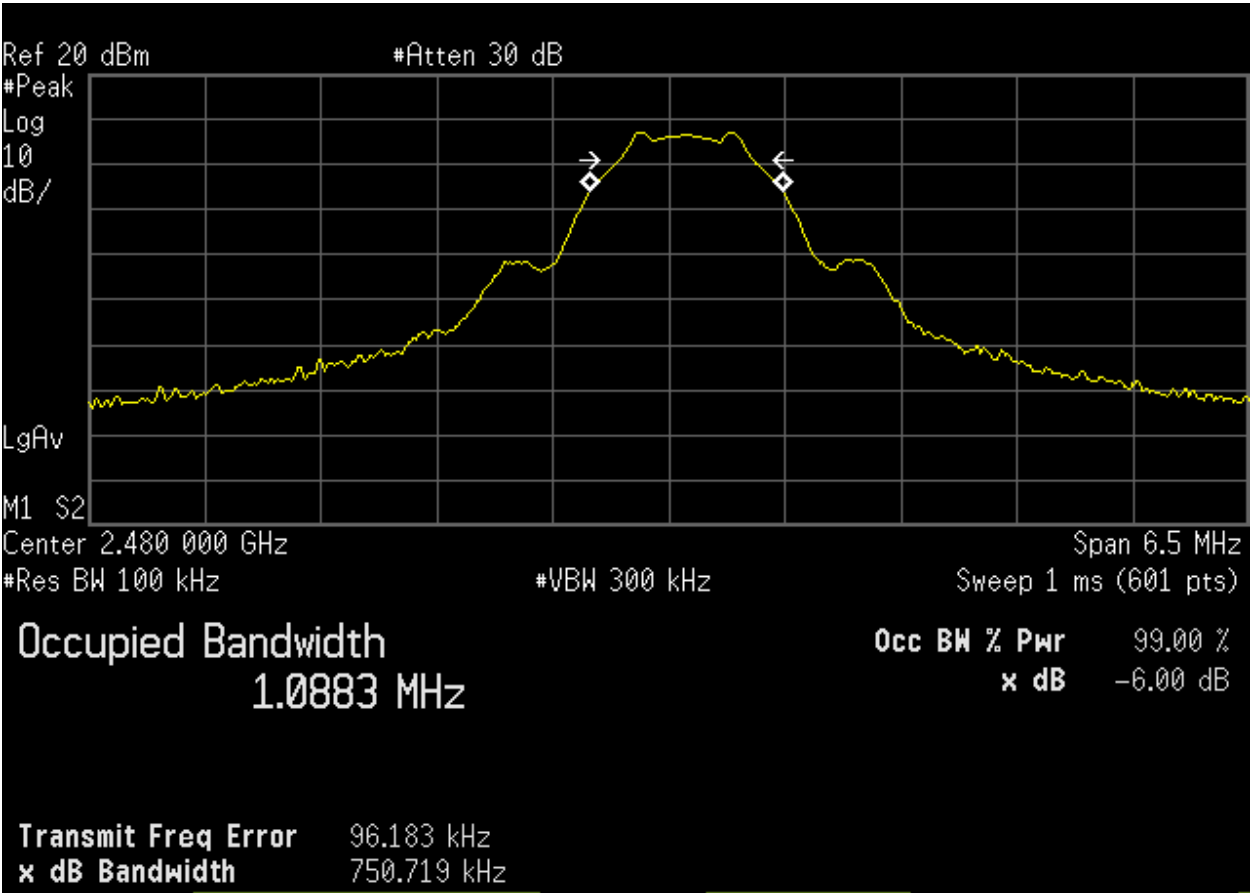
Antenna 0 F_{LOW}



Antenna 0 F_{MID}



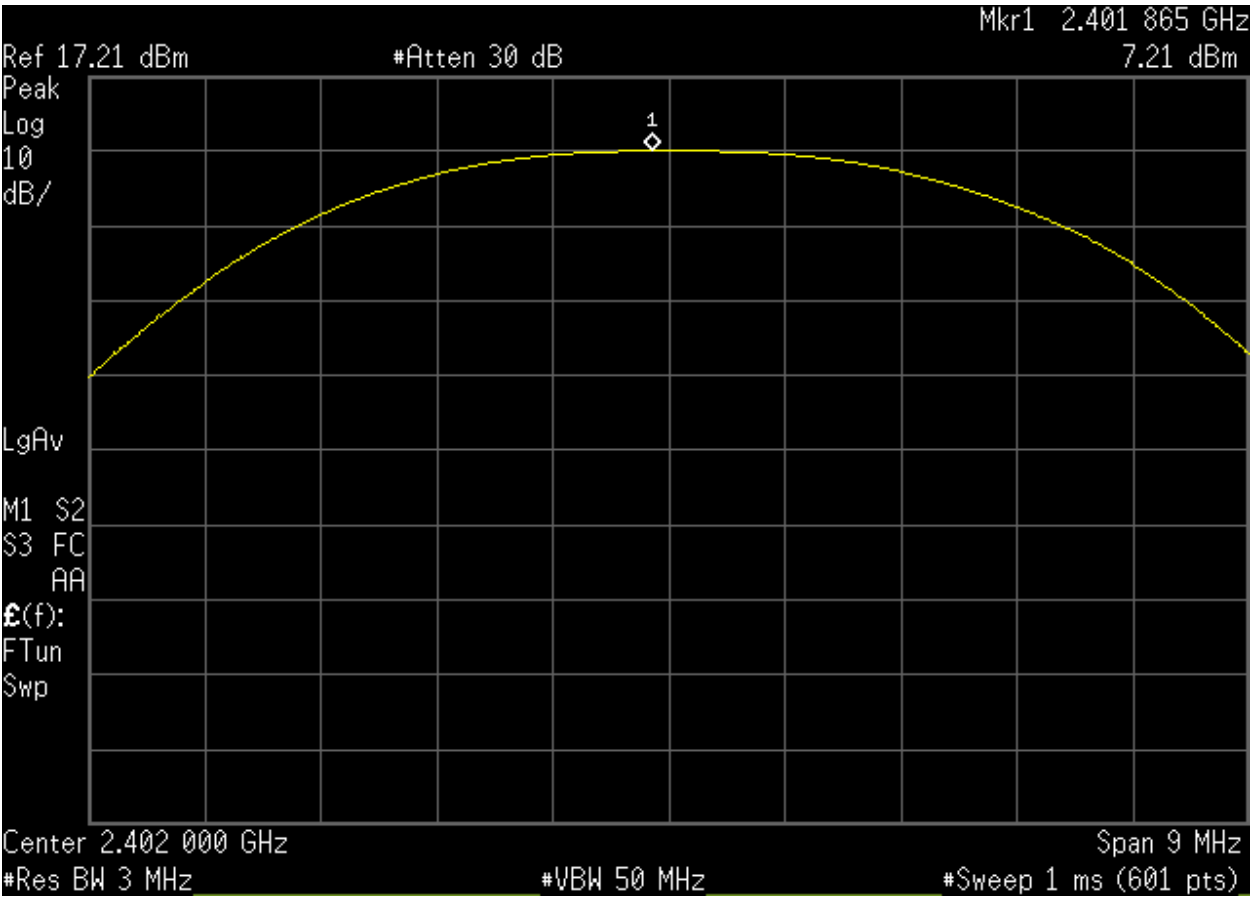
Antenna 0 F_{HIGH}



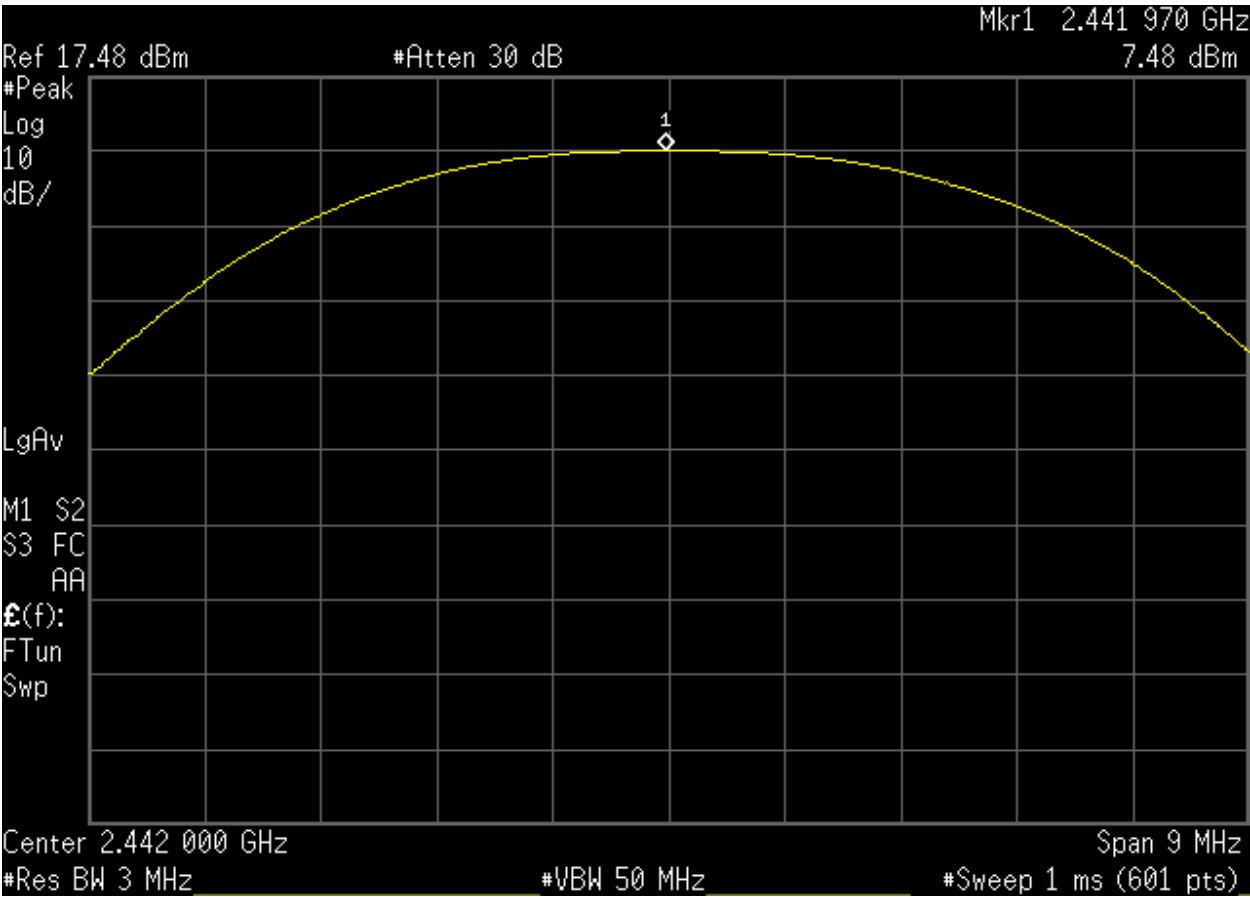
3.6 Test conditions and results – Peak transmit power

Peak transmit power acc. to FCC 47 CFR 15C / ICC RSS-247 Issue 4				Verdict: PASS	
Test performed by: ElectroMagnetic Investigations					
EUT requirement rule parts and clause			Reference		
			FCC 15.247(b)(3), IC RSS-247 Issue 4 5.4(d)		
Test according to measurement reference			Reference Method		
			ANSI C63.10-2020 (Corrigendum 1:2023, Amendment 1:2024) 11.9.1.1		
Tested frequencies			F _{LOW} / F _{MID} / F _{HIGH}		
EUT test mode			GFSK		
Limits					
1 Watt (30 dBm) maximum conducted output power. Additionally, the maximum EIRP (Effective Isotropic Radiated Power) is limited to 4 Watts (36 dBm) when using antennas with up to 6 dBi gain. If the antenna gain exceeds 6 dBi, the conducted output power must be reduced accordingly to maintain the 36 dBm EIRP limit					
Antenna 0					
Test results – FCC / IC					
Channel	Frequency [MHz]	Peak Power [dBm]	Peak power Limit [dBm]	Peak power EIRP	Peak power EIRP limit
F _{LOW}	2402	7.21	30	10.56	36
F _{MID}	2442	7.48	30	10.83	36
F _{HIGH}	2480	7.59	30	10.94	36
Comments:					

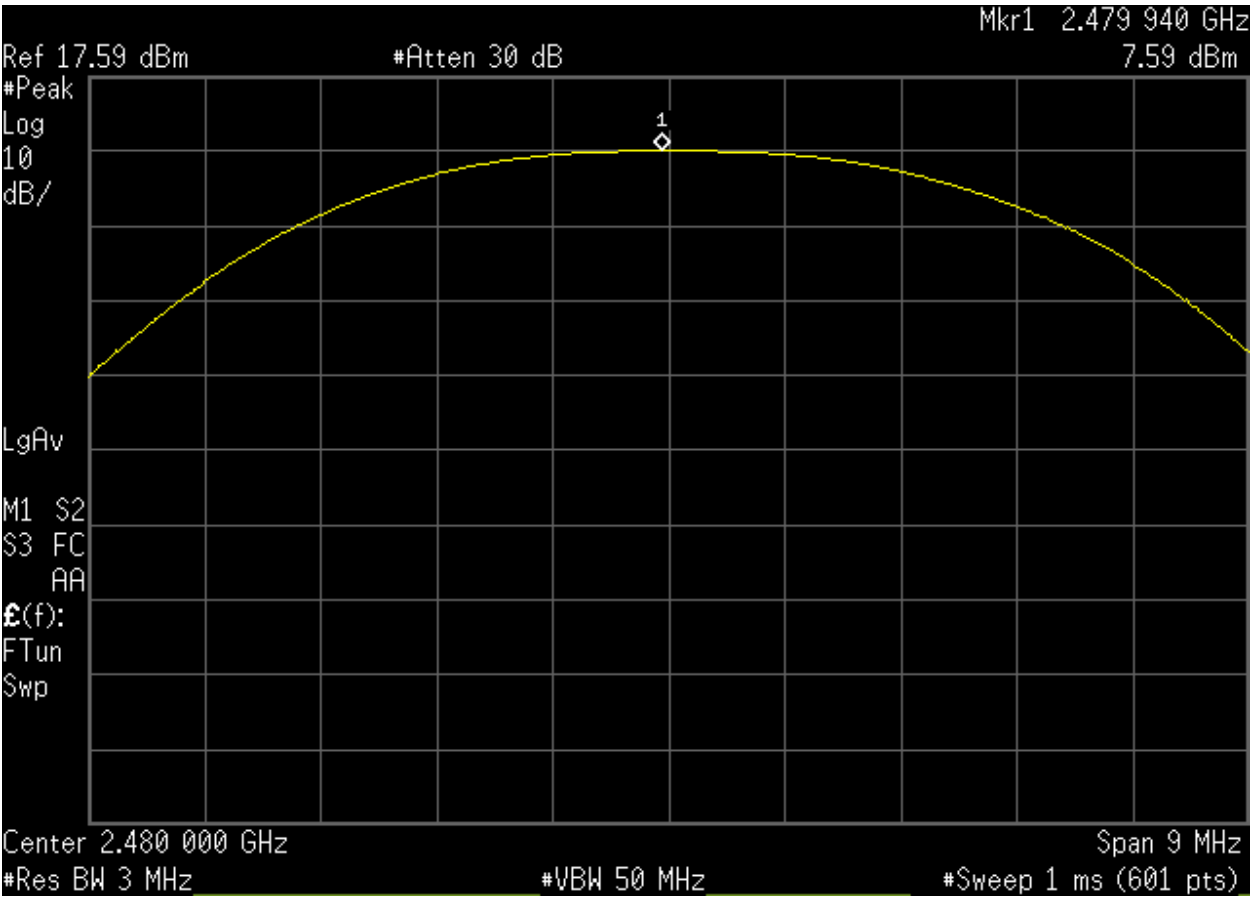
Antenna 0 F_{LOW}



Antenna 0 F_{MID}



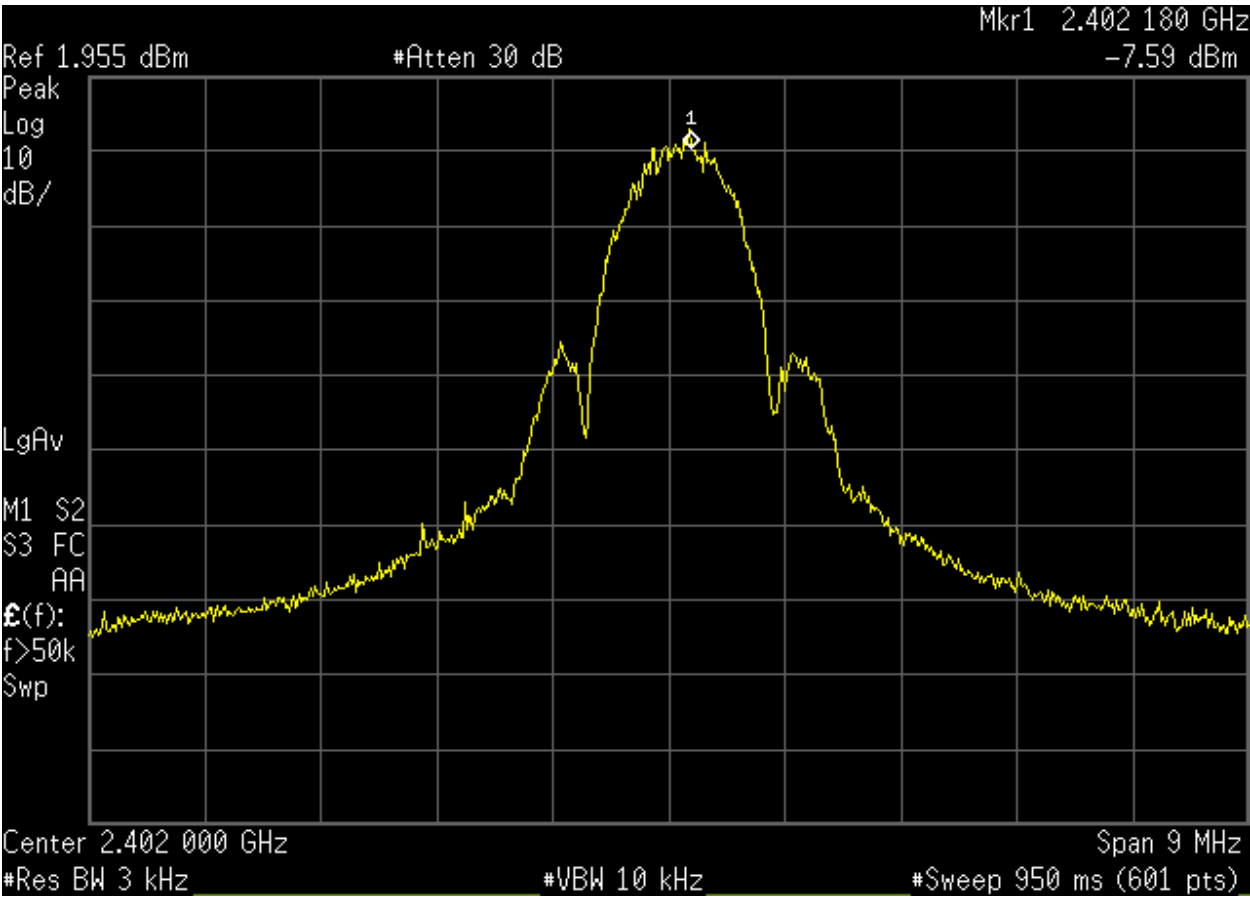
Antenna 0 F_{HIGH}



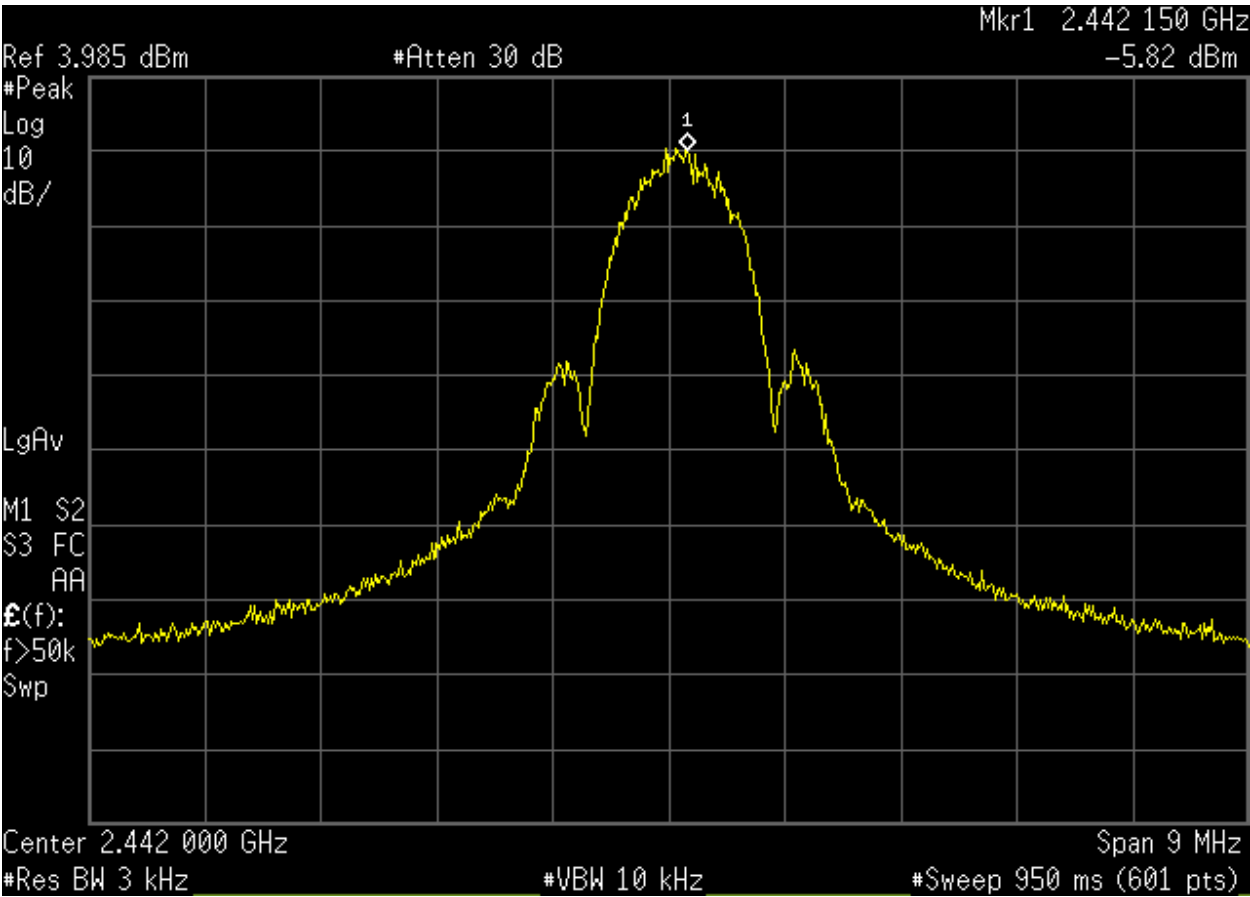
3.7 Test conditions and results – Power spectral density

Power spectral density acc. to FCC 47 CFR 15C / IC RSS-247 Issue 4			Verdict: PASS
Test performed by: ElectroMagnetic Investigations			
EUT requirement rule parts and clause		Reference	
		FCC 15.247(e) / IC RSS-247 Issue 4 5.2(b)	
Test according to measurement reference		Reference Method	
		ANSI C63.10-2020 (Corrigendum 1:2023, Amendment 1:2024) 11.10.2.1	
Tested frequencies		F _{low} / F _{high}	
EUT test mode		GFSK	
Limits			
≤ 8 dBm / 3 kHz			
Test results			
Channel	Frequency [MHz]	Peak Density [dBm/3kHz]	Limit [dBm/3kHz]
Antenna 0			
F _{LOW}	2402	-7.59	8
F _{MID}	2442	-5.82	8
F _{HIGH}	2480	-5.89	8
Comments:			

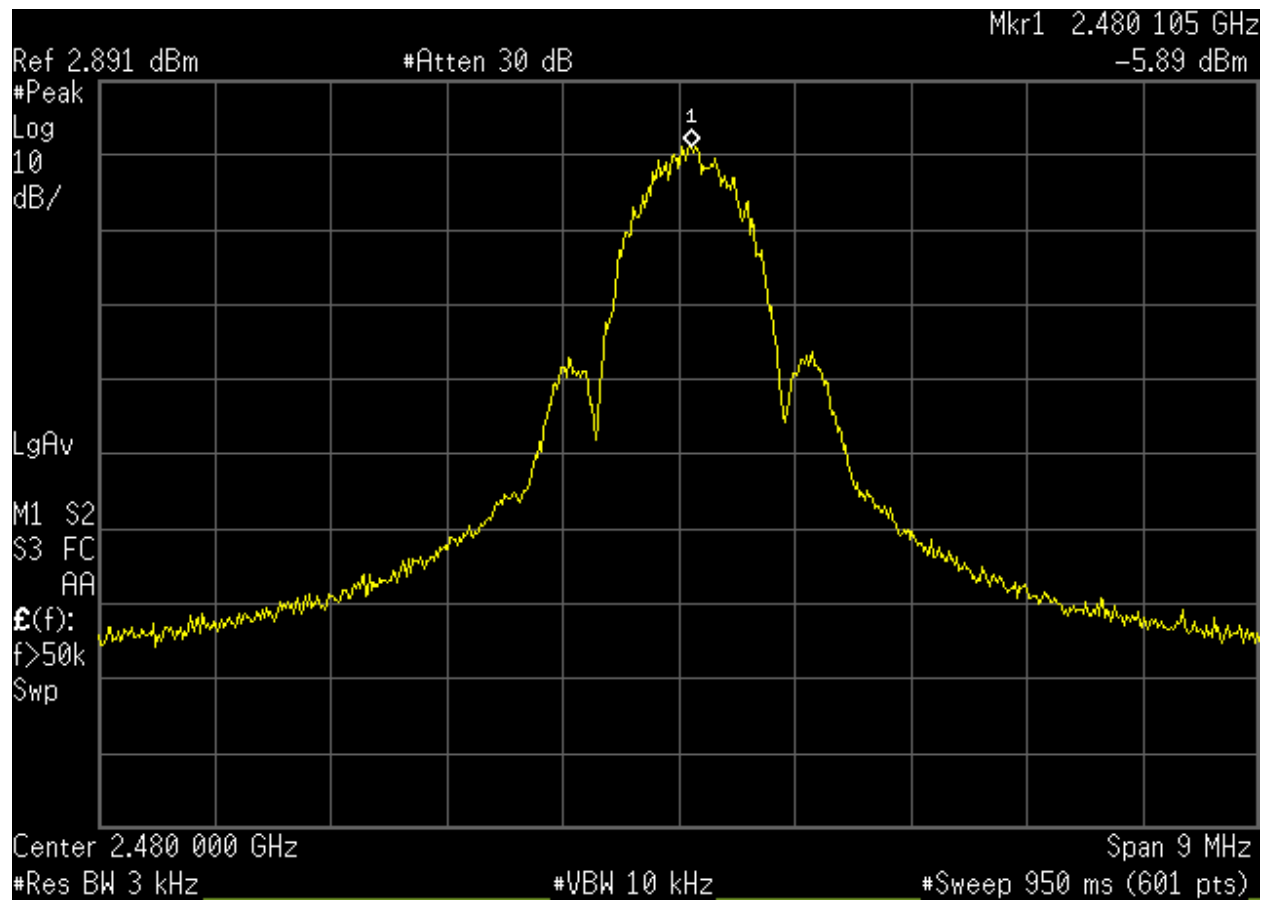
Antenna 0 F_{LOW}



Antenna 0 F_{MID}



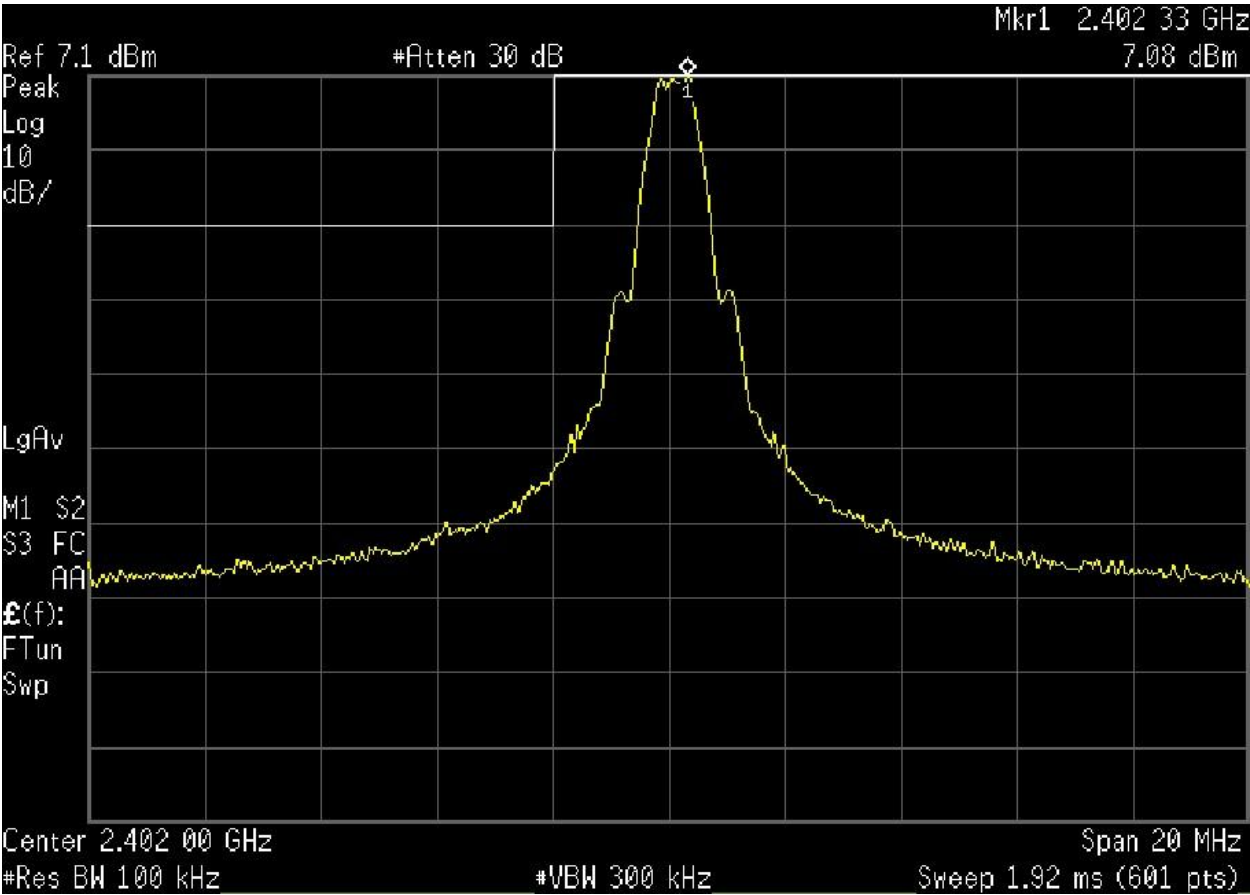
Antenna 0 F_{HIGH}



3.8 Test conditions and results – Transmitter out-of-band emissions

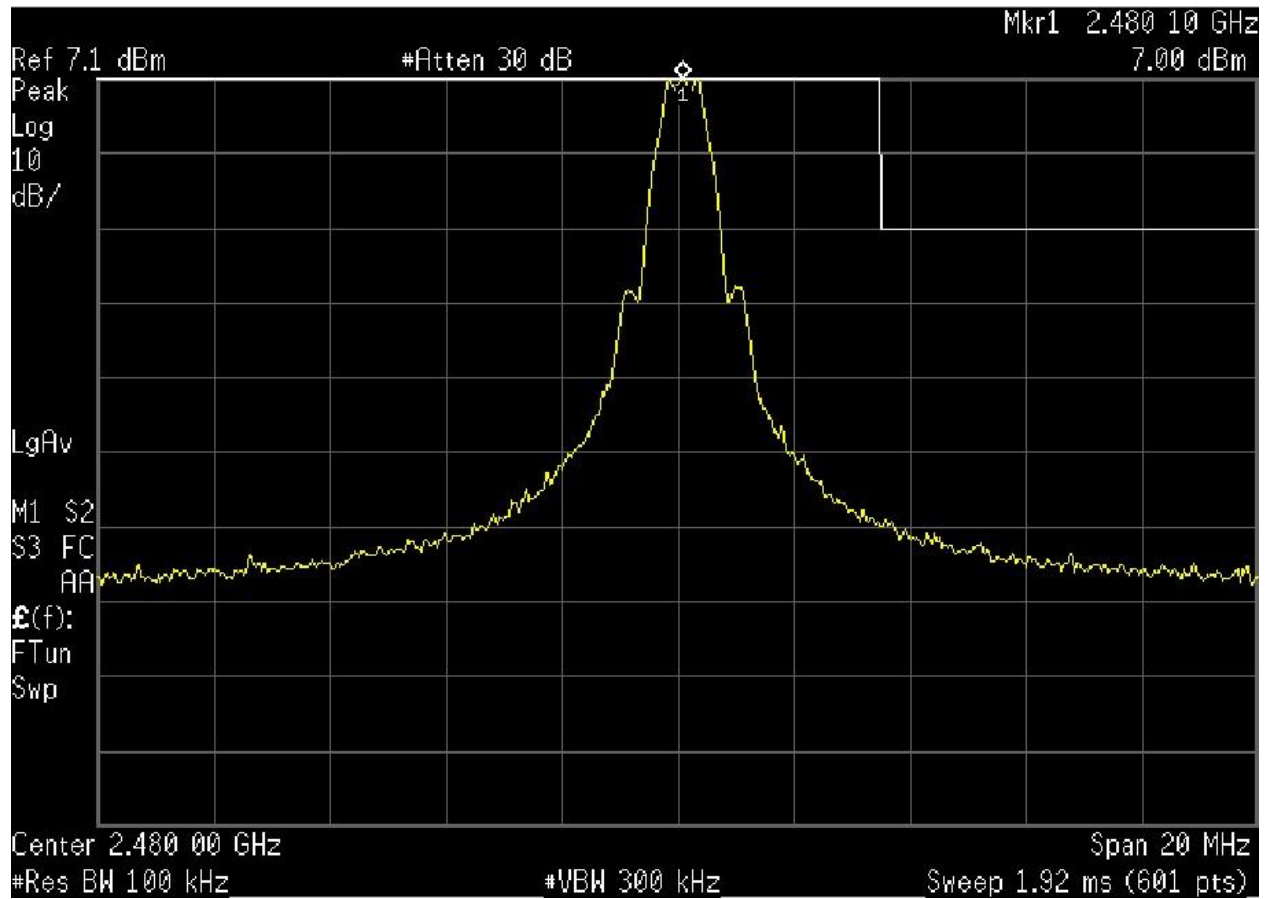
Out-of-band emissions acc. to FCC 47 CFR 15C / IC RSS-247 Issue 4			Verdict: PASS
Test performed by: ElectroMagnetic Investigations			
EUT requirement rule parts and clause		Reference	
		15.247(d) / IC RSS-247 Issue 4	
Test according to measurement reference		Reference Method	
		ANSI C63.10-2020 (Corrigendum 1:2023, Amendment 1:2024)	
Tested frequencies		F _{low} / F _{high}	
Test frequency range		30 MHz – 10 th Harmonic	
Limits			
Frequency range [MHz]	Detector	Limit	Limit Distance [meters]
30 – 88	Quasi-Peak	100 μV/m (40 dBμV/m)	3
88 – 216	Quasi-Peak	150 μV/m (43.5 dBμV/m)	3
216 – 960	Quasi-Peak	200 μV/m (46 dBμV/m)	3
960 – 1000	Quasi-Peak	500 μV/m (54 dBμV/m)	3
Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).			
When average radiated emission measurements are specified, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.			
*Measurement is performed with conducted measurement setup			
Conducted Out-of-Band Emission Limits			
Conducted Limit: In any 100 kHz bandwidth outside the frequency band, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. <i>Note: If peak power was measured using average methods, this limit increases to 30 dB.</i>			
Conducted Reference Method			
Reference Method (Conducted): ANSI C63.10-2020, Section 11.11 (Emissions in non-restricted frequency bands).			
Comments:			

Band Edge
Channel F_{Low}



Band Edge

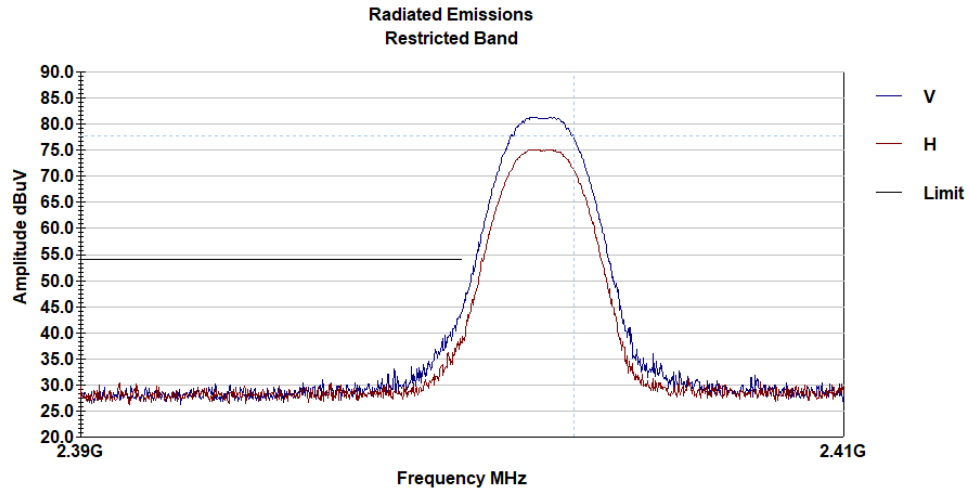
Channel F_{HIGH}



Restricted Band

Channel: Low

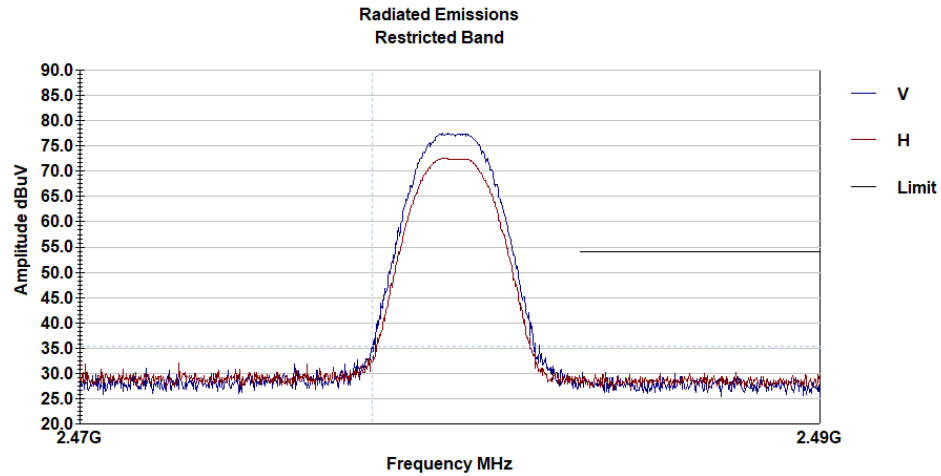
Limit @ 2400 MHz and below



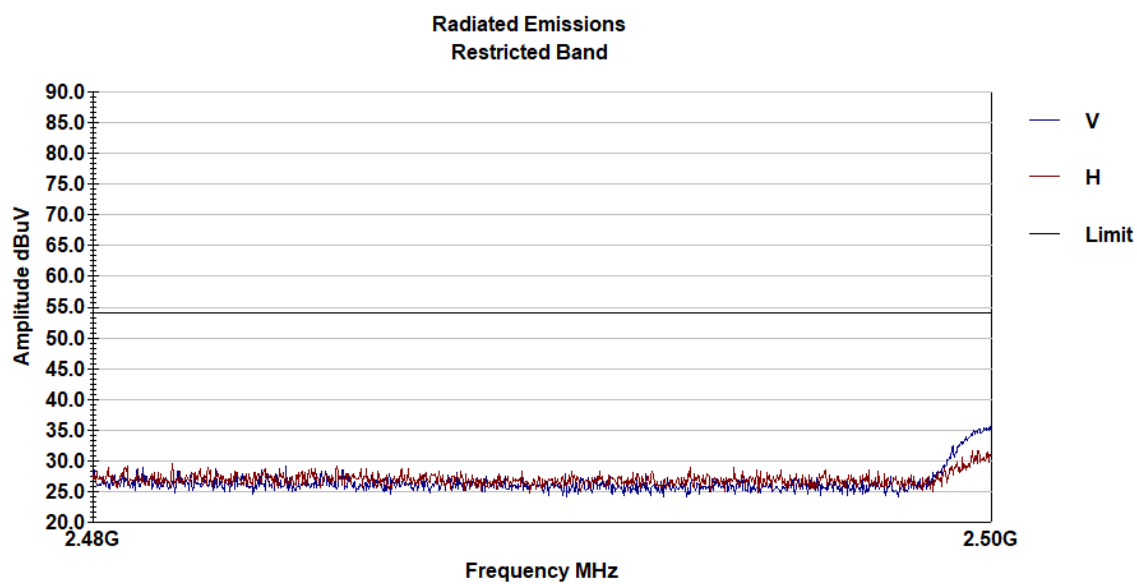
Peak 42.5 dBuV @ 2.4 GHz

Channel: High

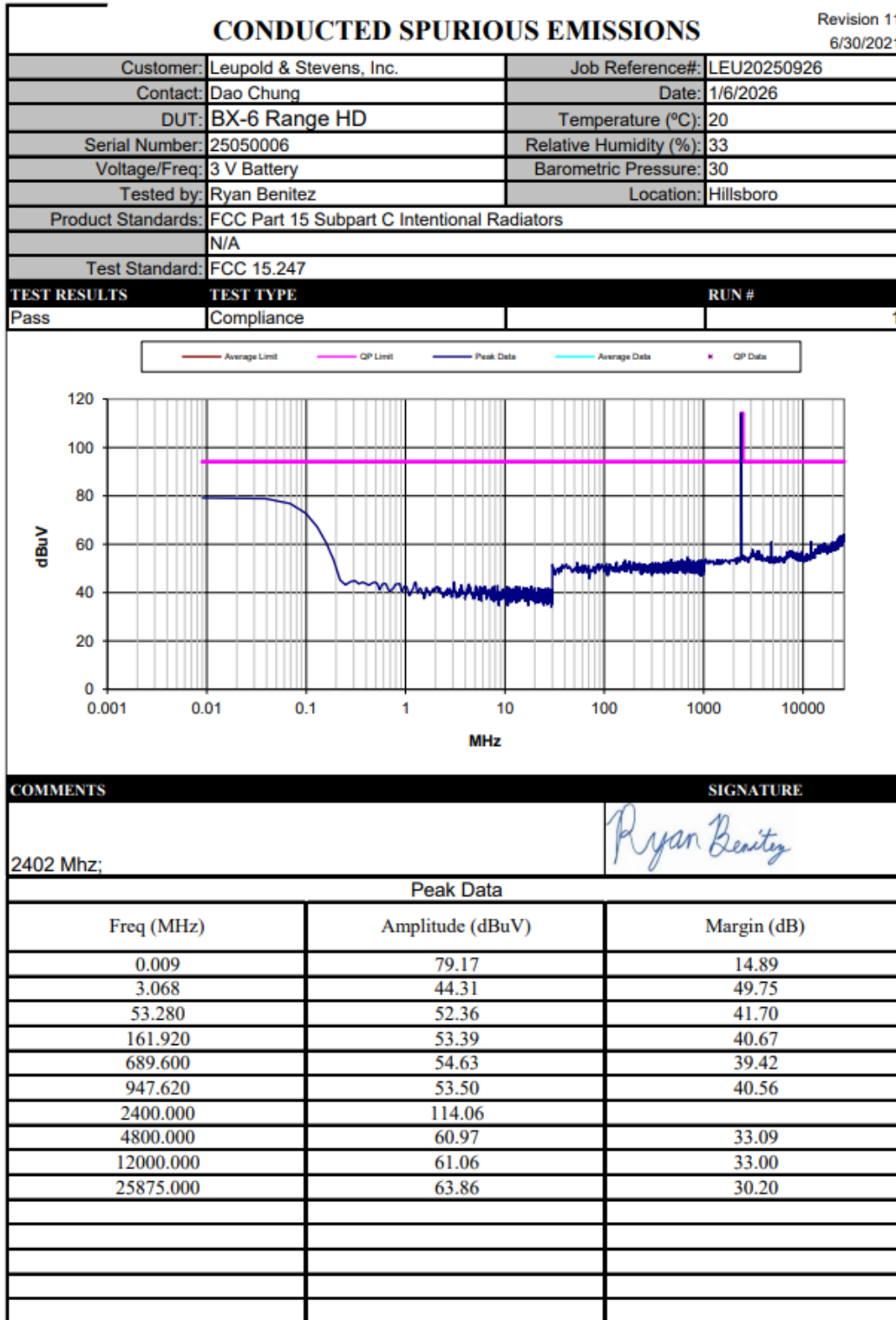
Limit @ 2483.5 MHz and above



Peak 36 dBuV @ 2.4835



Channel: Low



Magnetic Loop @ 3M

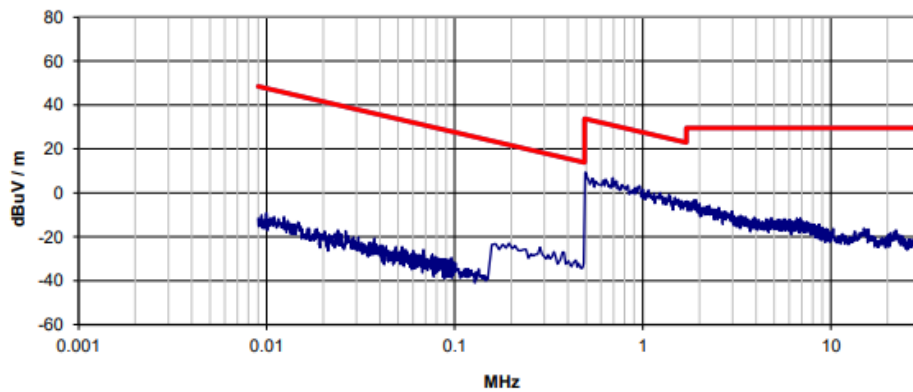
Channel: Low / Parallel



RADIATED EMISSIONS DATA SHEET

Revision 11
6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/2/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	\$15.209(a)		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	10



COMMENTS					SIGNATURE			
Par; low								
Freq (MHz)	Peak (dBuV/m)	QP (dBuV/m)	Distance factor (dB)	Peak Limit (dBuV/m)	QP Limit (dBuV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
0.01028	-10.62	-10.62	80.00	47.37	47.37	113°/101cm	57.99	57.99
0.01034	-10.63	-10.63	80.00	47.31	47.31	32°/101cm	57.95	57.95
0.01129	-10.72	-10.86	80.00	46.55	46.55	23°/101cm	57.28	57.42
0.01261	-10.47	-11.20	80.00	45.59	45.59	68°/101cm	56.06	56.79
0.01362	-11.20	-11.44	80.00	44.92	44.92	203°/101cm	56.12	56.36
4.02116	-8.91	-9.18	40.00	29.50	29.50	133°/101cm	38.41	38.68
4.46677	-9.11	-9.11	40.00	29.50	29.50	275°/101cm	38.61	38.61
5.67889	-9.19	-9.19	40.00	29.50	29.50	248°/101cm	38.69	38.69
5.68050	-9.19	-9.19	40.00	29.50	29.50	99°/101cm	38.69	38.69
6.24857	-9.25	-9.25	40.00	29.50	29.50	288°/101cm	38.75	38.75
7.22174	-9.15	-9.15	40.00	29.50	29.50	68°/101cm	38.65	38.65

Channel: Low / Perpendicular



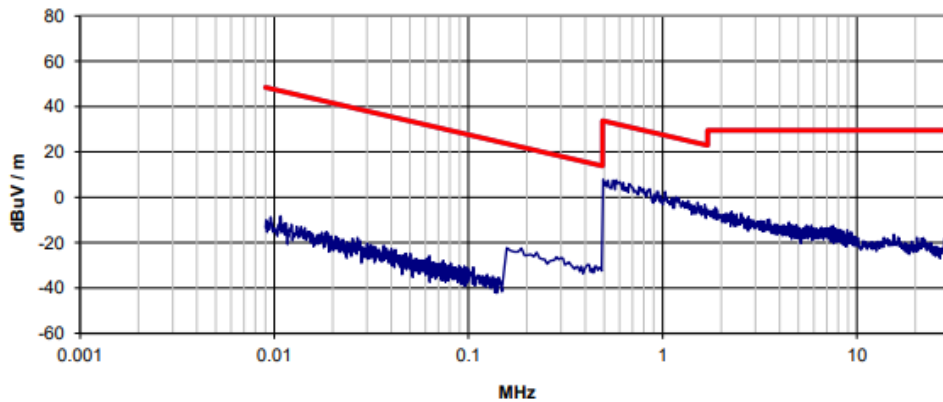
RADIATED EMISSIONS DATA SHEET

Revision 11

6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/2/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	§15.209(a)		

TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	11



COMMENTS	SIGNATURE
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Perp; low	<i>Ryan Benitez</i>
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Freq (MHz)	Peak (dBuV/m)	QP (dBuV/m)	Distance factor (dB)	Peak Limit (dBuV/m)	QP Limit (dBuV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
0.00914	-9.75	-9.75	80.00	48.39	48.39	113°/101cm	58.14	58.14
0.00927	-9.02	-9.77	80.00	48.27	48.27	113°/101cm	57.29	58.04
0.01091	-10.15	-10.15	80.00	46.85	46.85	287°/101cm	57.00	57.00
0.01211	-10.44	-10.44	80.00	45.94	45.94	298°/101cm	56.39	56.39
0.01267	-10.19	-10.58	80.00	45.55	45.55	23°/101cm	55.73	56.12
3.81907	-9.19	-9.68	40.00	29.50	29.50	68°/101cm	38.69	39.18
4.64449	-9.44	-9.58	40.00	29.50	29.50	248°/101cm	38.94	39.08
5.50271	-9.64	-9.64	40.00	29.50	29.50	316°/101cm	39.14	39.14
5.75926	-9.71	-9.71	40.00	29.50	29.50	203°/101cm	39.21	39.21
6.25294	-9.74	-9.74	40.00	29.50	29.50	203°/101cm	39.24	39.24
7.13404	-9.66	-9.66	40.00	29.50	29.50	163°/101cm	39.16	39.16

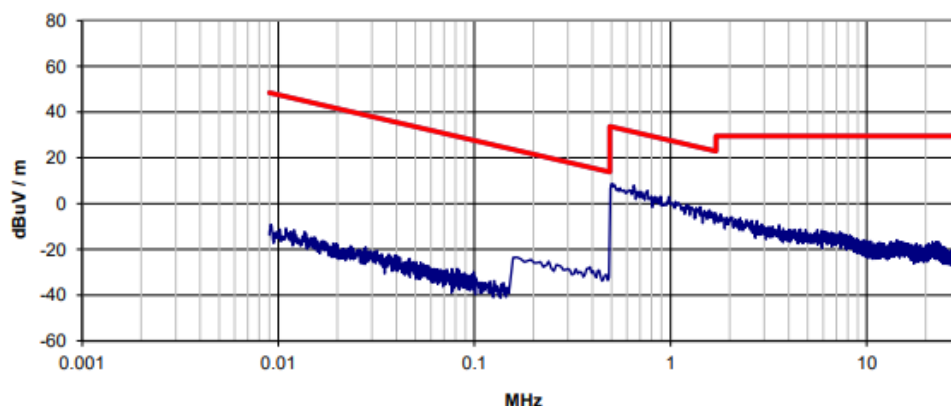
Channel: Low / Horizontal



RADIATED EMISSIONS DATA SHEET

Revision 11
6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/2/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	§15.209(a)		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	12



COMMENTS						SIGNATURE		
Horizontal; low								
Freq (MHz)	Peak (dBµV/m)	QP (dBµV/m)	Distance factor (dB)	Peak Limit (dBµV/m)	QP Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
0.00908	-10.08	-10.08	80.00	48.45	48.45	202°/101cm	58.53	58.53
0.00908	-9.70	-10.09	80.00	48.44	48.44	144°/101cm	58.14	58.53
0.01027	-9.56	-10.34	80.00	47.37	47.37	315°/101cm	56.94	57.72
0.01135	-10.47	-10.60	80.00	46.51	46.51	1°/101cm	56.98	57.11
0.01412	-10.35	-11.28	80.00	44.61	44.61	248°/101cm	54.96	55.89
3.95827	-9.50	-9.50	40.00	29.50	29.50	248°/101cm	39.00	39.00
4.49674	-9.36	-9.42	40.00	29.50	29.50	276°/101cm	38.86	38.92
5.49563	-9.46	-9.46	40.00	29.50	29.50	163°/101cm	38.96	38.96
5.79874	-9.53	-9.53	40.00	29.50	29.50	122°/101cm	39.03	39.03
5.87550	-9.55	-9.55	40.00	29.50	29.50	247°/101cm	39.05	39.05
7.19011	-9.47	-9.47	40.00	29.50	29.50	64°/101cm	38.97	38.97

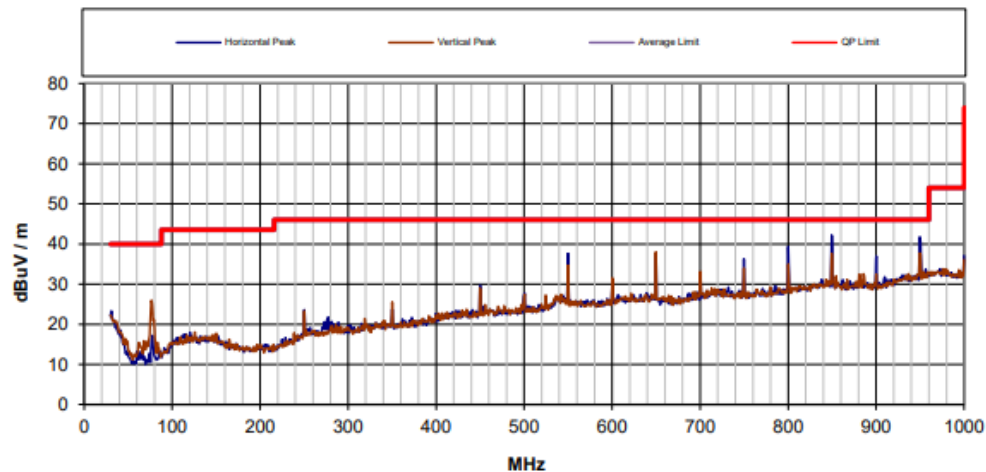


RADIATED EMISSIONS DATA SHEET

Revision 11

6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	7



COMMENTS

SIGNATURE

2402 MHz;

Horizontal

Freq (MHz)	Peak (dBμV/m)	QP (dBμV/m)	Factors (dB)	Peak Limit (dBμV/m)	QP Limit (dBμV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
30.62	20.31	16.38	23.28	40.00	40.00	119°/400cm	19.69	23.62
550.01	38.49	37.75	27.06	46.02	46.02	261°/182cm	7.53	8.27
649.99	37.96	37.06	28.27	46.02	46.02	140°/175cm	8.06	8.96
800.00	40.45	39.56	30.59	46.02	46.02	36°/101cm	5.57	6.46
849.98	42.82	41.76	31.79	46.02	46.02	0°/101cm	3.20	4.26
949.92	39.73	32.96	33.89	46.02	46.02	88°/159cm	6.29	13.06

Vertical

Freq (MHz)	Peak (dBμV/m)	QP (dBμV/m)	Factors (dB)	Peak Limit (dBμV/m)	QP Limit (dBμV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
30.35	20.85	16.74	23.35	40.00	40.00	290°/197cm	19.15	23.26
76.68	28.27	24.09	12.02	40.00	40.00	133°/225cm	11.73	15.91
550.01	36.14	35.22	27.06	46.02	46.02	157°/99cm	9.88	10.80
649.99	39.09	38.16	28.27	46.02	46.02	88°/99cm	6.93	7.86
949.90	35.95	28.08	33.89	46.02	46.02	2°/116cm	10.07	17.94

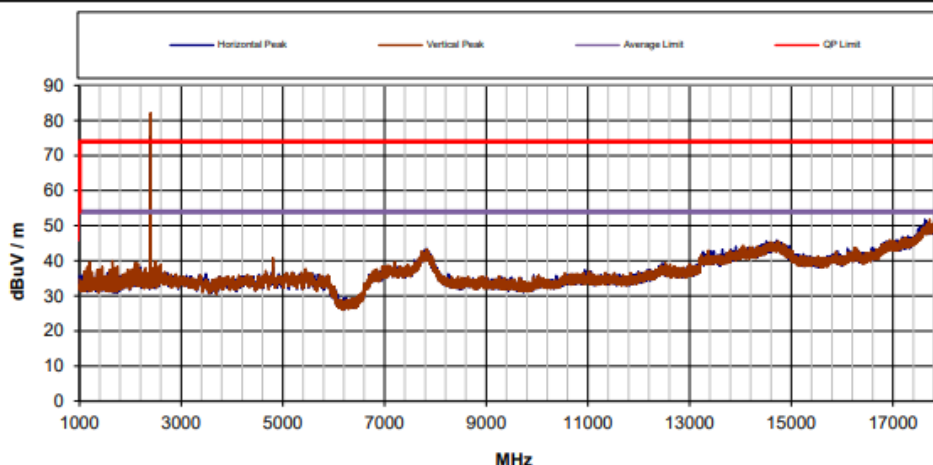


RADIATED EMISSIONS DATA SHEET

Revision 11
6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		

TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	1



COMMENTS	SIGNATURE
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2402 MHz;

Ryan Benitez

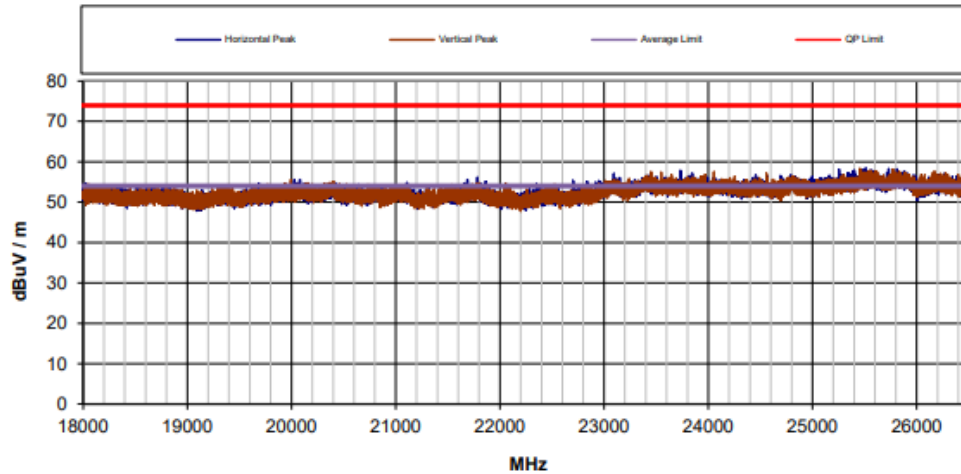
Horizontal								
Freq (MHz)	Peak (dBμV/m)	Final (dBμV/m)	Factors (dB)	Peak Limit (dBμV/m)	Final Limit (dBμV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Final Margin (dB)
2402.12	69.48	61.70	-9.48	73.98	53.98	65°/101cm	4.50	N/A
7831.75	29.81	22.47	10.81	73.98	53.98	123°/102cm	44.17	31.51
14718.00	30.23	25.61	11.92	73.98	53.98	8°/125cm	43.75	28.37
17996.51	37.35	31.75	18.03	73.98	53.98	216°/175cm	36.63	22.23
Vertical								
Freq (MHz)	Peak (dBmV/m)	Final (dBμV/m)	Factors (dB)	Peak Limit (dBmV/m)	Final Limit (dBμV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Final Margin (dB)
2402.14	73.25	67.33	-9.48	73.98	53.98	281°/150cm	0.73	N/A
4803.68	30.48	28.46	-3.44	73.98	53.98	287°/101cm	43.50	25.52
7834.13	27.12	22.36	10.80	73.98	53.98	23°/127cm	46.86	31.62
14725.07	30.15	25.47	11.87	73.98	53.98	163°/167cm	43.83	28.51
17717.92	35.80	30.82	17.25	73.98	53.98	88°/100cm	38.18	23.16



RADIATED EMISSIONS DATA SHEET

Revision 11
6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	4



COMMENTS						SIGNATURE			
2402 MHz;									
Horizontal									
Freq (MHz)	Peak (dBµV/m)	Average (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	Average Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Average Margin (dB)	
25253.61	47.88	38.73	9.04	73.98	53.98	34°/100cm	26.10	15.25	
25401.76	49.29	39.07	9.57	73.98	53.98	283°/200cm	24.69	14.91	
25484.08	49.73	39.86	9.83	73.98	53.98	57°/136cm	24.25	14.12	
25508.46	50.10	40.01	9.88	73.98	53.98	58°/101cm	23.88	13.97	
25732.57	48.89	39.29	9.68	73.98	53.98	194°/200cm	25.09	14.69	
25810.71	51.08	39.92	9.48	73.98	53.98	149°/101cm	22.90	14.06	
Vertical									
Freq (MHz)	Peak (dBµV/m)	Average (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	Average Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Average Margin (dB)	
25454.54	50.09	39.66	9.74	73.98	53.98	123°/102cm	23.89	14.32	
25552.20	49.07	39.95	9.85	73.98	53.98	86°/101cm	24.91	14.03	
25607.06	50.30	39.74	9.82	73.98	53.98	203°/100cm	23.68	14.24	
25770.42	49.98	39.60	9.59	73.98	53.98	176°/100cm	24.00	14.38	
25828.58	49.79	39.87	9.44	73.98	53.98	248°/200cm	24.19	14.11	
26167.20	48.40	38.83	9.50	73.98	53.98	202°/174cm	25.58	15.15	

Channel: Mid

CONDUCTED SPURIOUS EMISSIONS			Revision 11 6/30/2021
Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	1/6/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	33
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC 15.247		
TEST RESULTS	TEST TYPE	RUN #	
Pass	Compliance	1	

— Average Limit
 — QP Limit
 — Peak Data
 — Average Data
 x QP Data

MHz

COMMENTS	SIGNATURE
2442 Mhz;	

Peak Data		
Freq (MHz)	Amplitude (dBuV)	Margin (dB)
0.009	78.93	15.17
160.950	53.96	40.14
368.530	54.24	39.86
450.980	53.84	40.26
495.600	53.82	40.28
675.050	53.99	40.11
2450.000	114.10	
4875.000	60.09	34.01
12200.000	60.61	33.49
25725.000	63.88	30.22

Magnetic Loop @ 3M

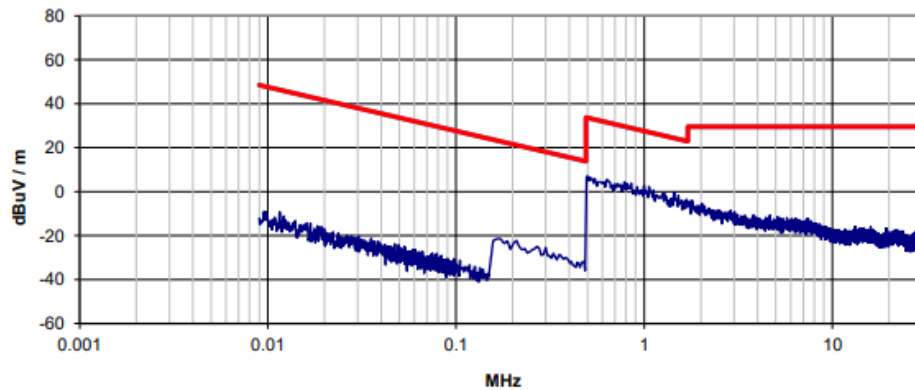
Channel: Mid / Parallel



RADIATED EMISSIONS DATA SHEET

Revision 11
6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/2/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	\$15.209(a)		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	15



COMMENTS						SIGNATURE		
Par; mid								
Freq (MHz)	Peak (dBuV/m)	QP (dBuV/m)	Distance factor (dB)	Peak Limit (dBuV/m)	QP Limit (dBuV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
0.00964	-7.40	-10.05	80.00	47.92	47.92	202°/101cm	55.32	57.97
0.01009	-10.14	-10.14	80.00	47.53	47.53	23°/101cm	57.67	57.67
0.01640	-11.68	-11.68	80.00	43.31	43.31	22°/101cm	54.99	54.99
3.92812	-8.99	-9.41	40.00	29.50	29.50	270°/101cm	38.49	38.91
4.44921	-9.34	-9.34	40.00	29.50	29.50	73°/101cm	38.84	38.84
5.78710	-9.44	-9.44	40.00	29.50	29.50	101°/101cm	38.94	38.94
6.01819	-9.35	-9.49	40.00	29.50	29.50	158°/101cm	38.85	38.99
6.11432	-9.48	-9.48	40.00	29.50	29.50	312°/101cm	38.98	38.98
7.41911	-9.35	-9.35	40.00	29.50	29.50	81°/101cm	38.85	38.85

Channel: Mid / Perpendicular

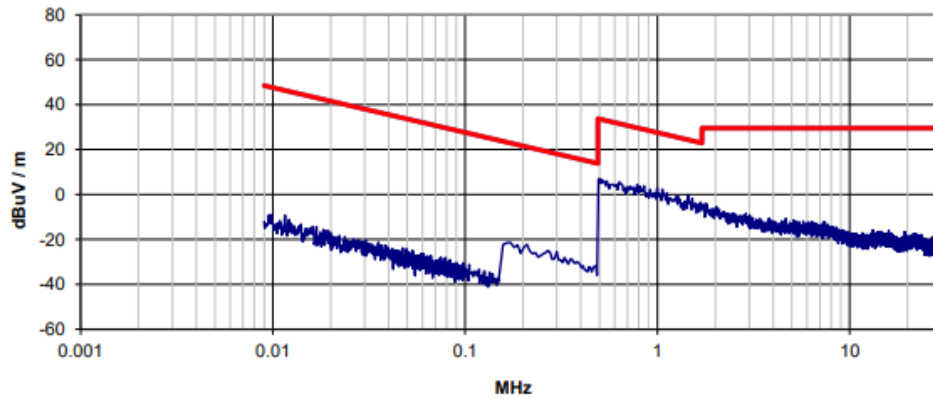


RADIATED EMISSIONS DATA SHEET

Revision 11
6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/2/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	§15.209(a)		

TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	14



COMMENTS	SIGNATURE
Perp; mid	<i>Ryan Benitez</i>

Freq (MHz)	Peak (dBuV/m)	QP (dBuV/m)	Distance factor (dB)	Peak Limit (dBuV/m)	QP Limit (dBuV/m)	Turntable (deg)/Height (cm)	Peak Margin (dB)	QP Margin (dB)
0.01286	-11.11	-11.11	80.00	45.42	45.42	84°/101cm	56.53	56.53
0.01318	-11.19	-11.19	80.00	45.21	45.21	1°/101cm	56.40	56.40
3.88797	-8.81	-10.26	40.00	29.50	29.50	315°/101cm	38.31	39.76
4.78296	-9.24	-9.55	40.00	29.50	29.50	1°/101cm	38.74	39.05
5.55044	-9.65	-9.65	40.00	29.50	29.50	104°/101cm	39.15	39.15
5.83544	-9.71	-9.71	40.00	29.50	29.50	248°/101cm	39.21	39.21
5.90548	-9.73	-9.73	40.00	29.50	29.50	315°/101cm	39.23	39.23
7.16611	-9.65	-9.65	40.00	29.50	29.50	315°/101cm	39.15	39.15

Channel: Mid / Horizontal



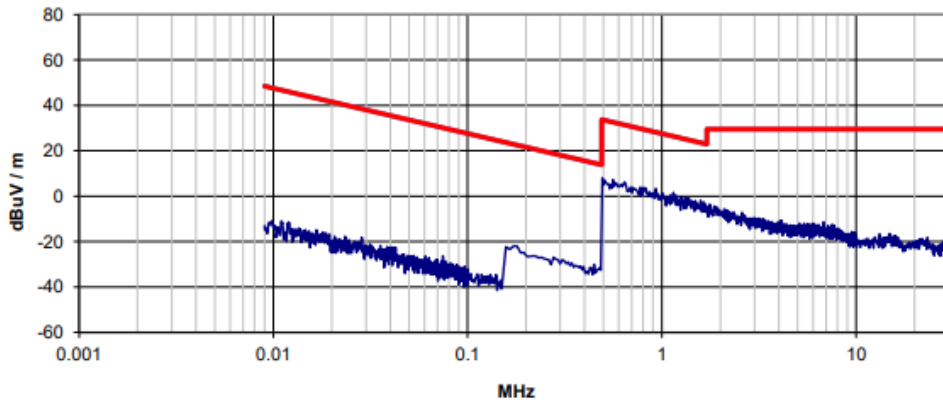
RADIATED EMISSIONS DATA SHEET

Revision 11

6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/2/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	§15.209(a)		

TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	13



COMMENTS	SIGNATURE
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Horizontal; mid	<i>Ryan Benitez</i>
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Freq (MHz)	Peak (dBuV)	QP (dBuV)	Distance factor (dB)	Peak Limit (dBuV)	QP Limit (dBuV)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
0.00920	-10.07	-10.65	80.00	48.33	48.33	292°/101cm	58.40	58.98
0.00996	-10.81	-10.81	80.00	47.64	47.64	75°/101cm	58.45	58.45
0.01002	-10.70	-10.82	80.00	47.59	47.59	22°/101cm	58.29	58.41
0.01053	-10.27	-10.95	80.00	47.16	47.16	203°/101cm	57.42	58.10
3.84392	-8.62	-10.07	40.00	29.50	29.50	68°/101cm	38.12	39.57
4.52111	-9.45	-9.99	40.00	29.50	29.50	183°/101cm	38.95	39.49
5.67620	-9.67	-10.08	40.00	29.50	29.50	0°/101cm	39.17	39.58
5.87667	-1.04	-10.13	40.00	29.50	29.50	248°/101cm	30.54	39.63
6.21587	-10.02	-10.14	40.00	29.50	29.50	226°/101cm	39.52	39.64
7.37774	-9.71	-10.02	40.00	29.50	29.50	67°/101cm	39.21	39.52

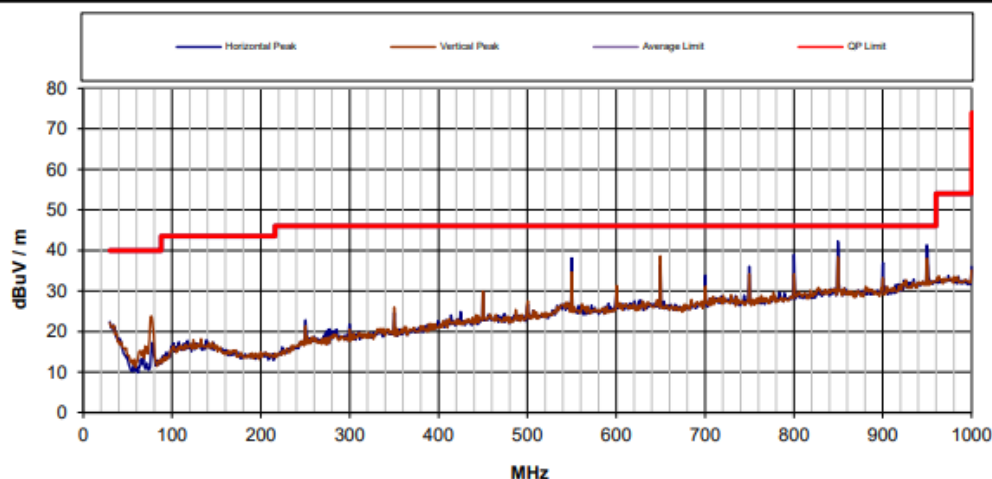


RADIATED EMISSIONS DATA SHEET

Revision 11

6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	8



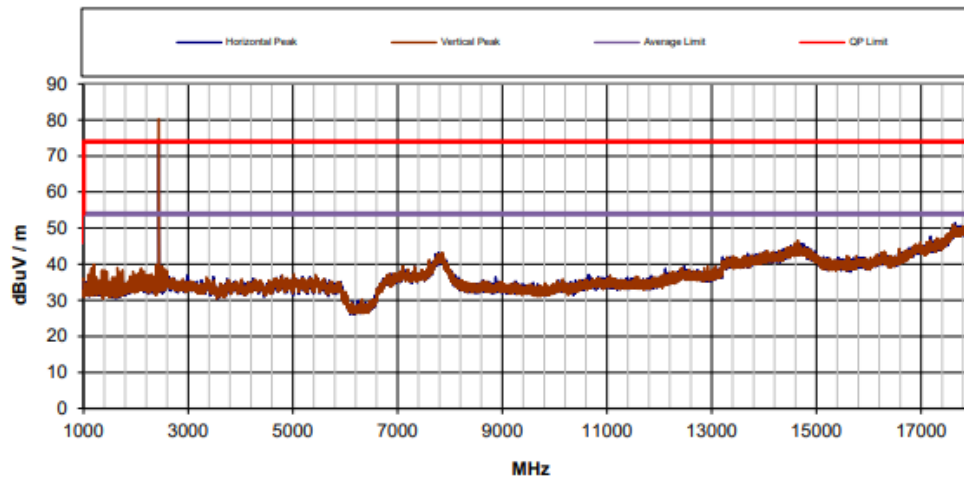
COMMENTS					SIGNATURE			
2442 MHz;								
Horizontal								
Freq (MHz)	Peak (dBµV/m)	QP (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	QP Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
30.16	20.85	16.44	23.40	40.00	40.00	315°/400cm	19.15	23.56
550.00	38.54	37.88	27.06	46.02	46.02	269°/174cm	7.48	8.14
650.02	37.54	36.33	28.27	46.02	46.02	134°/147cm	8.48	9.69
800.01	40.26	39.09	30.59	46.02	46.02	22°/102cm	5.76	6.93
850.01	43.21	42.41	31.79	46.02	46.02	23°/103cm	2.81	3.61
949.37	30.86	26.41	33.89	46.02	46.02	82°/104cm	15.16	19.61
Vertical								
Freq (MHz)	Peak (dBµV/m)	QP (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	QP Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
30.20	20.28	16.52	23.39	40.00	40.00	2°/275cm	19.72	23.48
76.72	25.57	20.74	12.02	40.00	40.00	2°/225cm	14.43	19.26
550.01	35.94	35.01	27.06	46.02	46.02	164°/100cm	10.08	11.01
650.02	38.46	37.36	28.27	46.02	46.02	82°/100cm	7.56	8.66
850.00	39.55	38.02	31.79	46.02	46.02	315°/148cm	6.47	8.00



RADIATED EMISSIONS DATA SHEET

Revision 11
6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	2



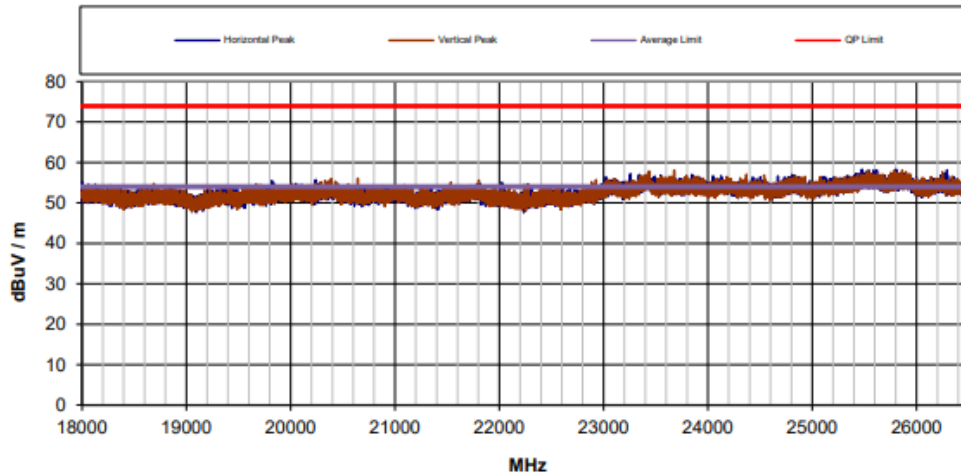
COMMENTS						SIGNATURE		
2442 MHz;								
Horizontal								
Freq (MHz)	Peak (dBµV/m)	Final (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	Final Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Final Margin (dB)
2442.07	61.57	56.75	-9.10	73.98	53.98	307°/175cm	12.41	N/A
7786.69	27.06	22.16	10.43	73.98	53.98	315°/172cm	46.92	31.82
14721.00	29.54	25.49	11.90	73.98	53.98	315°/126cm	44.44	28.44
17953.87	34.08	31.12	17.59	73.98	53.98	248°/125cm	39.90	22.86
Vertical								
Freq (MHz)	Peak (dBµV/m)	Final (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	Final Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Final Margin (dB)
2442.05	72.99	66.50	-9.10	73.98	53.98	260°/157cm	0.99	N/A
7870.56	27.69	21.89	10.49	73.98	53.98	315°/105cm	46.29	32.09
14648.27	29.85	25.55	11.97	73.98	53.98	16°/134cm	44.13	28.43
17972.10	38.80	31.42	17.76	73.98	53.98	288°/194cm	35.18	22.56



RADIATED EMISSIONS DATA SHEET

Revision 11
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Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	5



COMMENTS						SIGNATURE		
2442 MHz;								
Horizontal								
Freq (MHz)	Peak (dBµV/m)	Average (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	Average Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Average Margin (dB)
25477.47	36.70	28.14	9.82	73.98	53.98	0°/100cm	37.28	25.84
25542.68	38.14	28.22	9.86	73.98	53.98	65°/100cm	35.84	25.76
25588.44	37.40	28.11	9.84	73.98	53.98	203°/100cm	36.58	25.87
25618.79	36.93	27.93	9.81	73.98	53.98	0°/100cm	37.05	26.05
25802.51	37.77	28.21	9.51	73.98	53.98	110°/124cm	36.21	25.77
26291.09	35.55	27.13	9.78	73.98	53.98	203°/101cm	38.43	26.85
Vertical								
Freq (MHz)	Peak (dBµV/m)	Average (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	Average Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Average Margin (dB)
23436.16	37.22	27.29	9.35	73.98	53.98	203°/154cm	36.76	26.69
23675.46	35.42	26.80	9.36	73.98	53.98	315°/100cm	38.56	27.18
25524.35	38.76	28.27	9.87	73.98	53.98	112°/154cm	35.22	25.71
25780.62	36.84	28.02	9.56	73.98	53.98	158°/200cm	37.14	25.96
25862.65	36.03	28.19	9.36	73.98	53.98	68°/153cm	37.95	25.79
26495.03	35.20	26.45	10.03	73.98	53.98	248°/100cm	38.78	27.53

Channel: High

CONDUCTED SPURIOUS EMISSIONS			Revision 11 6/30/2021
Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/11/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	33
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards: FCC Part 15 Subpart C Intentional Radiators			
N/A			
Test Standard: FCC 15.247			
TEST RESULTS	TEST TYPE	RUN #	
Pass	Compliance	1	

— Average Limit
 — QP Limit
 — Peak Data
 — Average Data
 x QP Data

COMMENTS	SIGNATURE
2480 Mhz:	

Peak Data		
Freq (MHz)	Amplitude (dBuV)	Margin (dB)
0.009	76.81	17.49
4.418	44.51	49.79
93.050	53.09	41.21
259.890	54.41	39.89
807.940	53.79	40.51
907.850	53.87	40.43
2475.000	114.30	
4950.000	59.23	35.07
12400.000	61.60	32.70
25250.000	63.74	30.56

Magnetic Loop @ 3M

Channel: High / Parallel

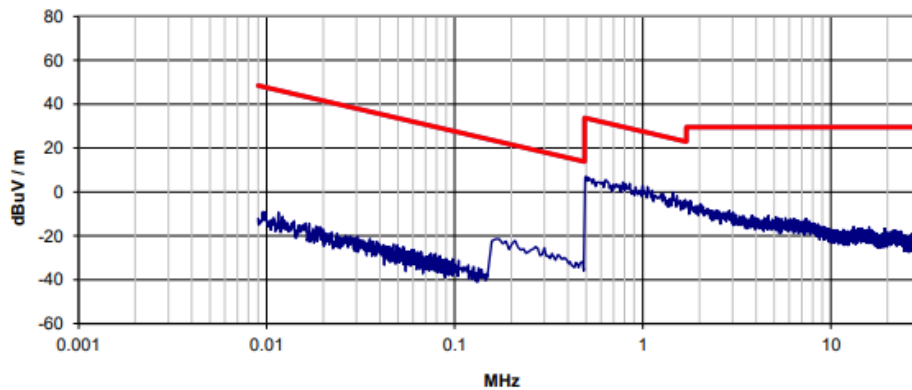


RADIATED EMISSIONS DATA SHEET

Revision 11

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Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/2/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	\$15.209(a)		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	16



COMMENTS						SIGNATURE		
Par; high								
Freq (MHz)	Peak (dBuV/m)	QP (dBuV/m)	Distance factor (dB)	Peak Limit (dBuV/m)	QP Limit (dBuV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
0.00920	109.50	109.50	80.00	48.33	48.33	68°/101cm	-61.17	-61.17
0.00939	109.65	109.46	80.00	48.15	48.15	113°/101cm	-61.50	-61.31
0.00946	111.35	109.45	80.00	48.09	48.09	22°/101cm	-63.26	-61.36
4.06035	50.95	50.67	40.00	29.50	29.50	203°/101cm	-21.45	-21.17
4.56156	50.75	50.75	40.00	29.50	29.50	82°/101cm	-21.25	-21.25
5.74209	50.64	50.64	40.00	29.50	29.50	113°/101cm	-21.14	-21.14
6.00200	50.86	50.86	40.00	29.50	29.50	262°/101cm	-21.36	-21.36
6.13185	50.87	50.87	40.00	29.50	29.50	248°/101cm	-21.37	-21.37
7.48207	51.01	51.01	40.00	29.50	29.50	23°/101cm	-21.51	-21.51

Channel: High / Perpendicular



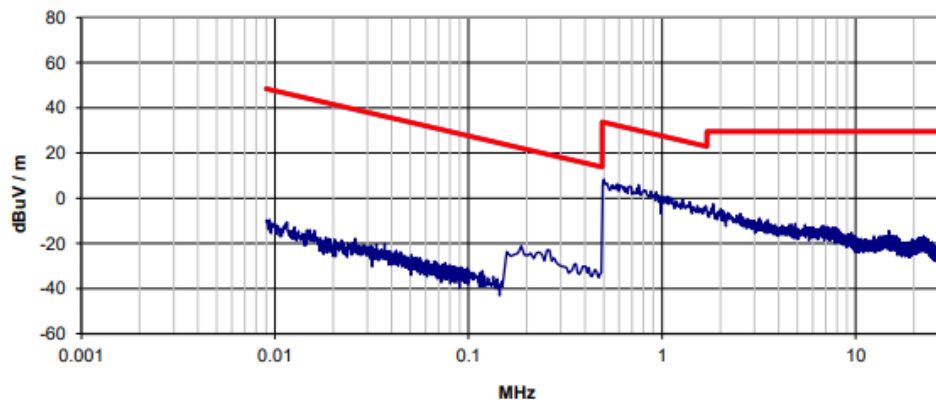
RADIATED EMISSIONS DATA SHEET

Revision 11

6/30/2021

Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	2/2/2026
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	\$15.209(a)		

TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	17



COMMENTS	SIGNATURE
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Perp; high

Ryan Beasley

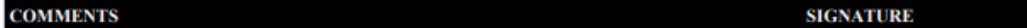
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EMI
Electromagnetic Investigations

Revision 11
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TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	18



Ryan Benitez

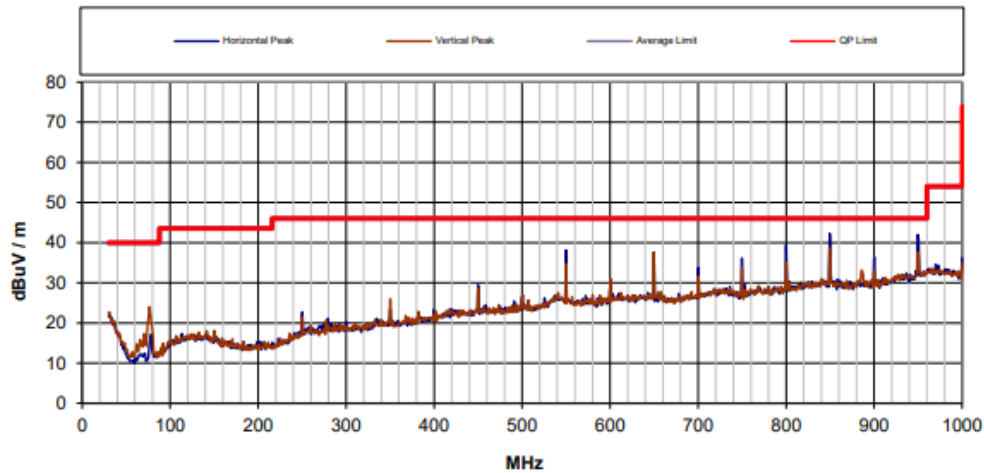
Page 54 of 59
BX-6 Range HD



RADIATED EMISSIONS DATA SHEET

Revision 11
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Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	9



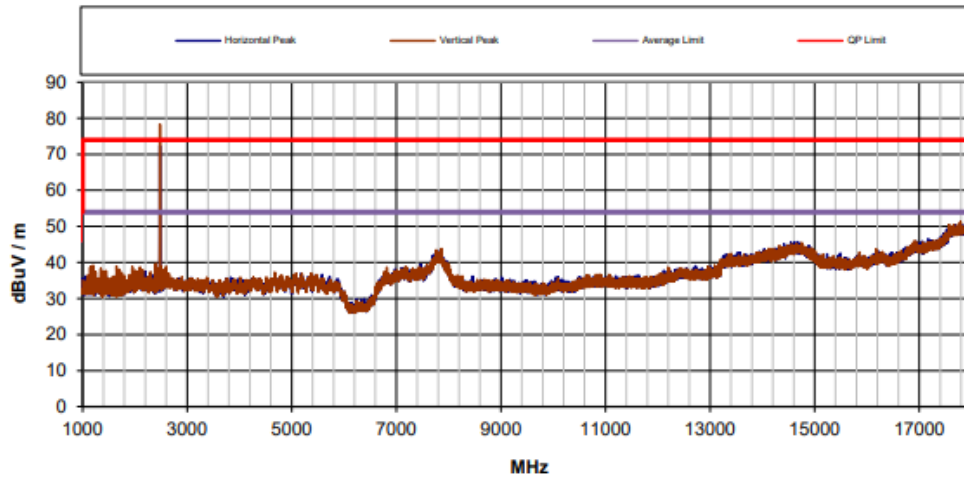
COMMENTS						SIGNATURE		
2480 MHz;								
Horizontal								
Freq (MHz)	Peak (dBµV/m)	QP (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	QP Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
30.02	21.31	16.55	23.44	40.00	40.00	315°/146cm	18.69	23.45
550.00	38.61	37.70	27.05	46.02	46.02	255°/176cm	7.41	8.32
649.98	38.00	36.65	28.27	46.02	46.02	134°/147cm	8.02	9.37
800.00	40.15	39.30	30.59	46.02	46.02	44°/102cm	5.87	6.72
850.00	42.81	42.12	31.79	46.02	46.02	0°/102cm	3.21	3.90
949.94	40.73	36.05	33.89	46.02	46.02	89°/102cm	5.29	9.97
Vertical								
Freq (MHz)	Peak (dBµV/m)	QP (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	QP Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	QP Margin (dB)
31.12	21.01	16.56	23.08	40.00	40.00	67°/100cm	18.99	23.44
76.67	21.88	17.67	12.02	40.00	40.00	0°/248cm	18.12	22.33
550.00	35.92	35.14	27.05	46.02	46.02	164°/100cm	10.10	10.88
650.00	38.67	37.99	28.27	46.02	46.02	81°/100cm	7.35	8.03
850.01	38.22	36.93	31.79	46.02	46.02	315°/175cm	7.80	9.09



RADIATED EMISSIONS DATA SHEET

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Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	3



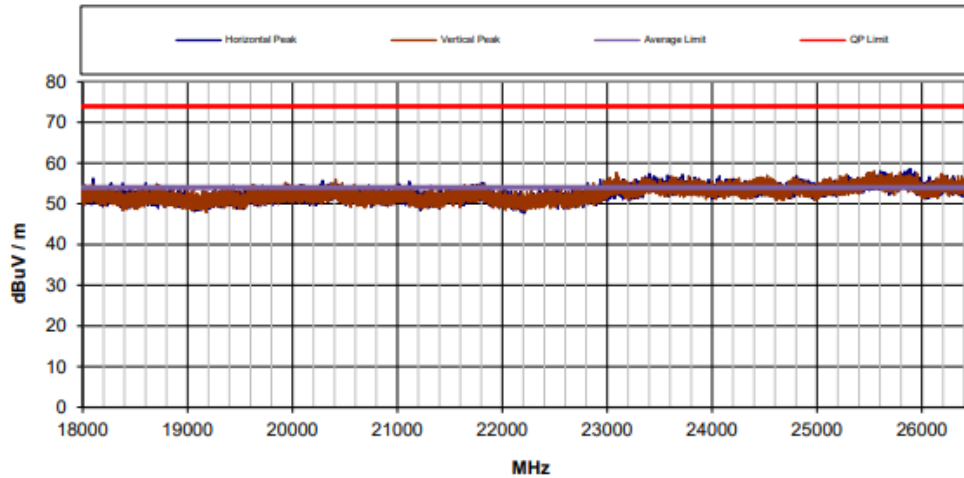
COMMENTS						SIGNATURE		
2480 MHz;								
Horizontal								
Freq (MHz)	Peak (dBµV/m)	Final (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	Final Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Final Margin (dB)
2480.03	64.03	56.79	-8.89	73.98	53.98	313°/178cm	9.95	N/A
7842.72	25.36	22.27	10.77	73.98	53.98	109°/184cm	48.62	31.7
14679.13	31.42	25.46	11.92	73.98	53.98	307°/170cm	42.56	28.5
17999.31	33.95	26.20	18.04	73.98	53.98	52°/176cm	40.03	27.7
Vertical								
Freq (MHz)	Peak (dBµV/m)	Final (dBµV/m)	Factors (dB)	Peak Limit (dBµV/m)	Final Limit (dBµV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Final Margin (dB)
2480.05	69.09	63.14	-8.89	73.98	53.98	302°/125cm	4.89	N/A
7861.56	30.26	22.02	10.61	73.98	53.98	303°/125cm	43.72	31.9
14745.70	29.65	25.35	11.79	73.98	53.98	140°/133cm	44.33	28.6
17790.92	37.28	30.98	17.45	73.98	53.98	91°/191cm	36.70	23.0



RADIATED EMISSIONS DATA SHEET

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Customer:	Leupold & Stevens, Inc.	Job Reference#:	LEU20250926
Contact:	Dao Chung	Date:	10/22/2025
DUT:	BX-6 Range HD	Temperature (°C):	20
Serial Number:	25050006	Relative Humidity (%):	30
Voltage/Freq:	3 V Battery	Barometric Pressure:	30
Tested by:	Ryan Benitez	Location:	Hillsboro
Product Standards:	FCC Part 15 Subpart C Intentional Radiators		
	N/A		
Test Standard:	FCC Part 15.209		
TEST RESULTS	TEST TYPE	DISTANCE (meters)	RUN #
Pass	Compliance	3	6



COMMENTS SIGNATURE

2480 MHz; *Ryan Benitez*

Horizontal								
Freq (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Factors (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Average Margin (dB)
25601.37	34.98	28.05	9.82	73.98	53.98	293°/175cm	39.00	25.93
25640.06	36.11	27.71	9.80	73.98	53.98	293°/168cm	37.87	26.27
25838.88	38.24	28.19	9.42	73.98	53.98	110°/100cm	35.74	25.79
25872.43	37.08	28.18	9.34	73.98	53.98	141°/175cm	36.90	25.80
25892.73	37.12	28.17	9.29	73.98	53.98	2°/200cm	36.86	25.81
25936.99	36.33	27.44	9.23	73.98	53.98	194°/100cm	37.65	26.54
Vertical								
Freq (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Factors (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Turntable (deg) / Height (cm)	Peak Margin (dB)	Average Margin (dB)
23089.52	34.90	26.66	9.43	73.98	53.98	171°/137cm	39.08	27.32
25484.07	38.85	28.18	9.83	73.98	53.98	0°/104cm	35.13	25.80
25504.92	39.11	28.32	9.88	73.98	53.98	0°/153cm	34.87	25.66
25541.29	36.13	28.22	9.87	73.98	53.98	214°/200cm	37.85	25.76
25709.83	35.53	27.34	9.73	73.98	53.98	239°/100cm	38.45	26.64
25793.92	36.71	28.17	9.53	73.98	53.98	315°/200cm	37.27	25.81

3.9 Test conditions and results – Radiofrequency radiation exposure

Radiofrequency radiation exposure acc. to FCC 47 CFR 15C / IC RSS-247		Verdict: N/A
Test performed by: ElectroMagnetic Investigations		
EUT requirement rule parts and clause	Reference	
	FCC 15.247(i) / IC RSS-102	
Requirements		
Digital Transmission System (DTS) devices are subject to the radiofrequency radiation exposure requirements specified in §§ 1.1307(b), 2.1091 and 2.1093. All equipment shall be considered to operate in a 'general population/uncontrolled' environment.		
Result		
Reference		Verdict
RF Exposure is addressed in a separate exhibit.		Pass

END OF REPORT