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Date: 17 March 2025

I.T.L. Product Testing Ltd.
FCC/ISED Radio Test Report
for

Nexite Ltd.

Equipment under test:

BLE Tag

NX-TAG-3000-LB

FCC ID: 2A6MX13EATG30

IC: 31515-NXTAG3000HB

Tested by: _____
L. Tenenbaum

Approved by: _____
M. Zohar

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This report concerns: Original Grant

Equipment type: FCC: (DTS) Digital Transmission System
IC: Spread Spectrum Digital Device (2400-2483.5)

Limits used: 47CFR15 Section 15.247
RSS-247, Issue 2, February 2017, Section 5
RSS-Gen, Issue 5, April 2018

Measurement procedure used: KDB 558074 D01 v03r05
ANSI C63.10:2013

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Table of Contents

1. GENERAL INFORMATION ---------- 5
1.1 Administrative Information 5
1.2 List of Accreditations 5
1.3 E.U.T. Description 5
1.4 Test Methodology 6
1.5 Test Facility 6
1.6 Measurement Uncertainty 6

2. SYSTEM TEST CONFIGURATION ---------- 7
2.1 Justification 7
2.2 EUT Exercise Software 7
2.3 Special Accessories 7
2.4 Equipment Modifications 7
2.5 Configuration of the Tested System 7

3. 6 DB MINIMUM BANDWIDTH ---------- 8
3.1 Test Specification 8
3.2 Test Procedure 8
3.3 Test Limit 8
3.4 Test Results 8
3.5 Test Equipment Used; 6dB Bandwidth 10

4. MAXIMUM CONDUCTED OUTPUT POWER ---------- 11
4.1 Test Specification 11
4.2 Test Procedure 11
4.3 Test Limit 11
4.4 Test Results 11
4.5 Test Equipment 11

5. BAND EDGE SPECTRUM ---------- 14
5.1 Test Specification 14
5.2 Test Procedure 14
5.3 Test Limit 14
5.4 Test Results 14
5.5 Test Equipment 16

6. TRANSMITTED POWER DENSITY ---------- 17
6.1 Test Specification 17
6.2 Test Procedure 17
6.3 Test Limit 17
6.4 Test Results 17
6.5 Test Equipment 19

7. OCCUPIED BANDWIDTH ---------- 20
7.1 Test Specification 20
7.2 Test Procedure 20
7.3 Test Limit 20
7.4 Test Results 20
7.5 Test Equipment Used; Bandwidth 22

8. EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS ---------- 23
8.1 Test Specification 23
8.2 Test Procedure 23
8.3 Test Limit 23
8.4 Test Results 23
8.5 Test Equipment 23

9. EMISSIONS IN RESTRICTED FREQUENCY BANDS ---------- 24
9.1 Test Specification 24

9.3 FCC Test Limit 24
9.4 IC Test Limit 25
9.5 Test Results.....25
9.6 Test Equipment 26

10. R.F. EXPOSURE/SAFETY ----------27

11. SETUP PHOTOS ----------27

12. APPENDIX A - CORRECTION FACTORS ----------30

1. General Information

1.1 Administrative Information

Manufacturer:	Nexite Ltd.
Manufacturer's Address:	126 Yigal Alon Street, Tel Aviv-Yafo 6744332, Israel
Equipment Under Test (E.U.T):	BLE Tag
Equipment Model No./PMN:	NX-TAG-3000-LB
Other Models:	NX-TAG-3000-HB
HVIN:	NX-TAG-3000-LB
FVIN:	3.0
Equipment Serial No.:	N/A
Date of Receipt of E.U.T:	8 Aug. 2024
Start of Test:	8 Aug. 2024
End of Test:	20 Feb. 2025
Test Laboratory Location:	I.T.L Product Testing Ltd. 3 Ha'oreg Street, Modi'in 7177909, Israel
Test Specifications:	FCC, 47CFR15 Section 15.247 ISED, RSS-247

1.2 List of Accreditations

The EMC laboratory of I.T.L. is accredited by the following bodies:

1. The American Association for Laboratory Accreditation (A2LA) (U.S.A.), Certificate No. 1152.01.
2. The Federal Communications Commission (FCC) (U.S.A.), FCC Designation No. IL1005.
3. Department of Innovation, Science and Economic Development (ISED) Canada, CAB identifier: IL1002

I.T.L. Product Testing Ltd. is accredited by the American Association for Laboratory Accreditation (A2LA) and the results shown in this test report have been determined in accordance with I.T.L.'s terms of accreditation unless stated otherwise in the report.

1.3 E.U.T. Description

EUT (Equipment Under Test)	Nexite Tag V3 EU and US	
Brand	Nexite	
Test Model	NX-TAG-3000-LB NX-TAG-3000-HB	
Equipment Type	☒	Stand Alone
	☐	Combined/integrated
	☐	Plug-in
Intended Use	☐	Fixed (min. distance of 200 cm from human body)

		☐	Mobile (minimum distance of 200 cm from human body)	
		☐	Portable (max. distance of 20 cm from human body)	
Assigned frequency band/s				
Operational frequencies		2.4-2.5 GHz		
Maximum rated output power		At transmitter's 50 Ω RF output connector (dBm)		
		Effective radiated power (for equipment with no RF connector)		-15dbm
Antenna	☐ Unique Coupling	☐ Standard Connection		☒ Integral
	☐ Temporary RF connector	Gain (peak):		
Operating channel bandwidth				
Modulation type	BLE			
Bit rate	N/A			
Transmitter	Max. duty cycle	<0.1%		
	Power source	☐ AC	Nominal rated voltage	
		☐ DC		Wireless charging
		☐ Battery		
Receiver Class				
Extreme temperature conditions		+5 to +35 (indoor use only)		

1.4 Test Methodology

Both conducted and radiated testing was performed according to the procedures in KDB 558074 D01 v03r05 and ANSI C63.10: 2013.

Radiated testing was performed at an antenna-to-EUT distance of three meters.

1.5 Test Facility

Emissions tests were performed at I.T.L.'s testing facility in Modi'in, Israel.

1.6 Measurement Uncertainty

Conducted Emission
Conducted Emission (CISPR 11, EN 55011, CISPR 22, EN 55022, ANSI C63.4)

0.15 – 30 MHz:
Expanded Uncertainty (95% Confidence, K=2): ± 3.44 dB

Radiated Emission
Radiated Emission (CISPR 11, EN 55011, CISPR 22, EN 55022, ANSI C63.4):

30-1000MHz:
Expanded Uncertainty (95% Confidence, K=2): ± 4.96 dB
1 GHz to 6 GHz
Expanded Uncertainty (95% Confidence, K=2): ±5.19 dB
>6 GHz
Expanded Uncertainty (95% Confidence, K=2): ±5.51 dB

2. System Test Configuration

2.1 Justification

1. The E.U.T. contains an IEEE 802.15.1 (BLE) transceiver.
2. The E.U.T. was evaluated while transmitting at the low channel (2402 MHz), the mid channel (2426 MHz), and the high channel (2480 MHz)[1].
3. Final radiated emission tests were performed after exploratory emission testing that was performed in three orthogonal polarities, to determine the "worst case" radiation which was found to be at the Z axis. See the result tables below.

Orientation	Frequency	2nd Harmonic	3rd Harmonic
	(MHz)	(dBuV/m)	(dBuV/m)
Z axis	2402.0	46.7	--
	2426.0	47.7	--
	2480.0	46.4	--

Figure 1. Screening Results BLE

2.2 EUT Exercise Software

N/A

2.3 Special Accessories

N/A

2.4 Equipment Modifications

No modifications were necessary to achieve compliance.

2.5 Configuration of the Tested System

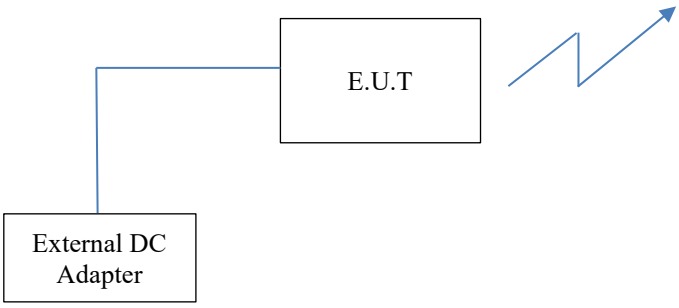

Figure 2. Configuration of the E.U.T. - Radiated

[1] The middle frequency was determined according to the operative frequencies of the EUT, as described by the customer.

3. 6 dB Minimum Bandwidth

3.1 Test Specification

FCC Part 15, Subpart C, Section 247(a)(2)

RSS-247, Issue 2, Section 5.2(a)

3.2 Test Procedure

(Temperature (20°C)/ Humidity (52%RH))

The E.U.T operation mode and test set-up are as described in Section 2 of this report.

The E.U.T was tested in the chamber, and placed on a remote-controlled turntable. The E.U.T was placed on a non-metallic table, 1.5 meters above the ground. The readings were maximized by the turntable azimuth between 0-360°, and the antenna polarization. The emissions were measured at a distance of 3 meters.

The E.U.T was powered from 2 V DC
The RBW was set to 100 kHz.

3.3 Test Limit

Systems using digital modulation techniques may operate in2400-2483.5 MHz band. The minimum 6 dB bandwidth shall be at least 500 kHz.

3.4 Test Results

Operation Frequency	Reading	Limit
(MHz)	(kHz)	(kHz)
2402	788.0	>500.0
2426	818.0	>500.0
2480	768.0	>500.0

Figure 3 6 dB Minimum Bandwidth

JUDGEMENT: Pass

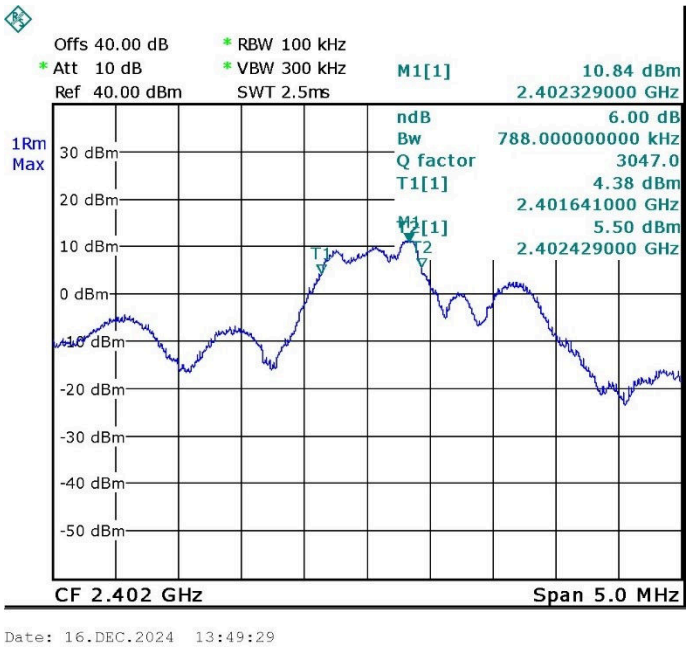

Figure 4. 2402.0 MHz, BLE

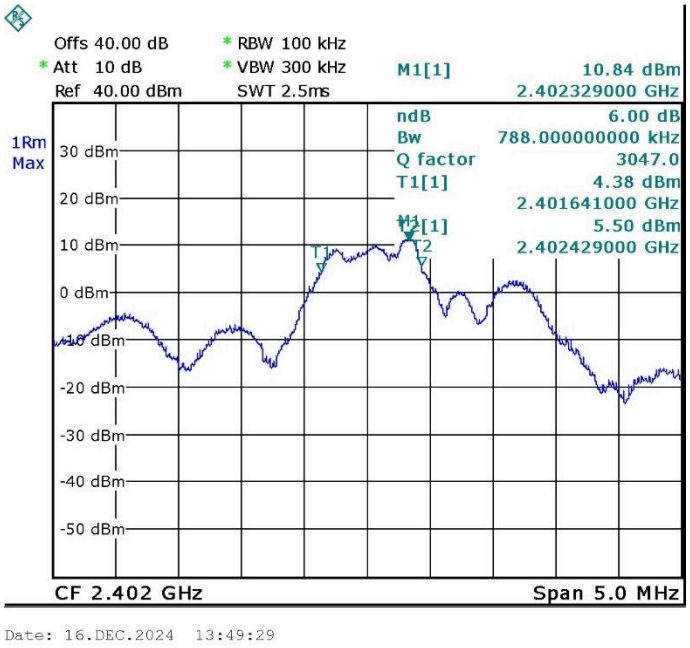

Figure 5. 2426.0 MHz, BLE

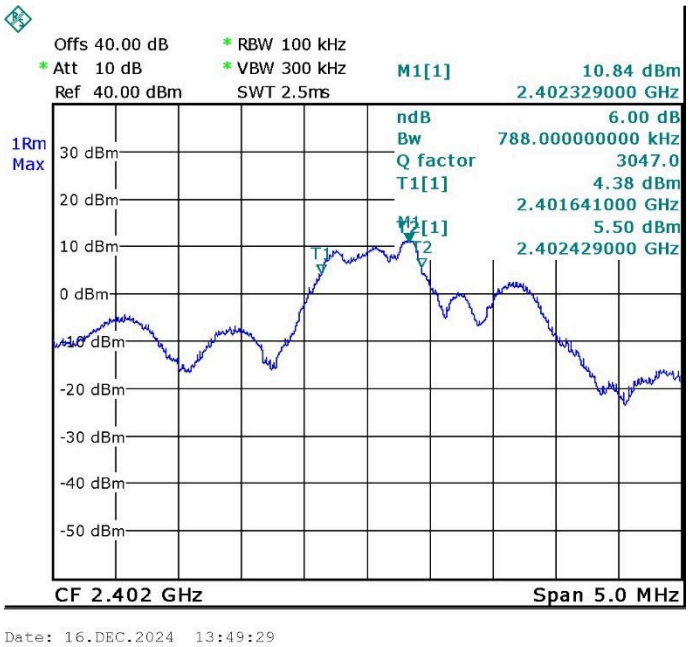

Figure 6. 2480.0 MHz, BLE

3.5 Test Equipment Used; 6dB Bandwidth

ITL #	Instrument	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
1507	EMI Receiver	Rohde & Schwarz	ESCI7	100794	7 Feb 2024	28 Feb 2025
1778	Antenna Cable for KA Band	OSR Electronics	37297C KPS	1503-590 (05032006)	9 Aug 2024	9 Aug 2025
2199	Trilog Broadband Antenna 30 MHz-7 GHz	Schwarzbeck	VULB 9162	585	16 Oct 2023	16 Oct 2025

Figure 7 Test Equipment Used

4. Maximum Conducted Output Power

4.1 Test Specification

FCC, Part 15, Subpart C, Section 247(b)(3)

RSS-247, Issue 3, Section 5.4(d)

4.2 Test Procedure

(Temperature (20°C)/ Humidity (51%RH))

The E.U.T operation mode and test set-up are as described in Section 2 of this report.

The E.U.T was tested in the chamber and placed on a remote-controlled turntable. The E.U.T was placed on a non-metallic table, 1.5 meters above the ground. The readings were maximized by the turntable azimuth between 0-360°, and the antenna polarization. The emissions were measured at a distance of 3 meters.

The E.U.T was powered from 2 V DC

4.3 Test Limit

The maximum peak conducted output power of the intentional radiator for systems using digital modulation in the 2400-2483.5 MHz band: 1 Watt.

4.4 Test Results

Operation Frequency	Power	Power	Power	Limit	Margin
(MHz)	(dBuV)	(dBm)	(mW)	(mW)	(mW)
2402.00	85.39	-9.49	0.11	1000.00	-999.89
2426.00	73.27	-17.97	0.02	1000.00	-999.98
2480.00	70.75	-20.27	0.01	1000.00	-999.99

4.5 Test Equipment

ITL #	Instrument	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
1507	EMI Receiver	Rohde & Schwarz	ESCI7	100794	Feb. 7, 2024	Feb. 7, 2025
1778	Antenna Cable for KA Band	OSR Electronics	37297C KPS	1503-590 (05032006)	Aug. 9, 2024	9 Aug 2025
2199	Trilog Broadband Antenna 30 MHz -7 GHz	Schwarzbeck	VULB 9162	585	Oct. 16, 2023	Oct. 16, 2025

Figure 8 Test Equipment

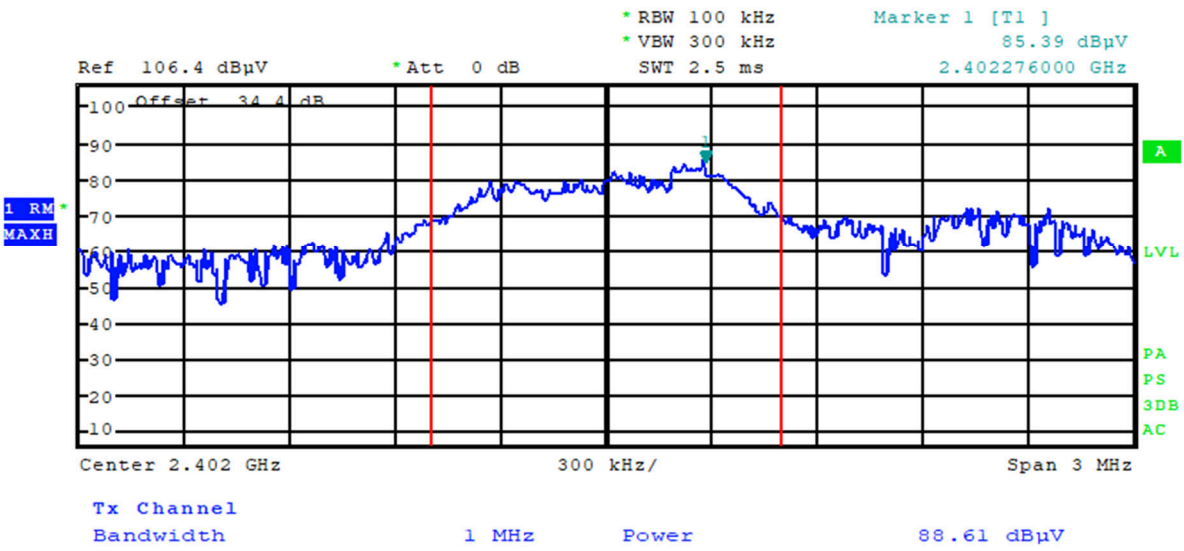

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Figure 9 2402.0 MHz

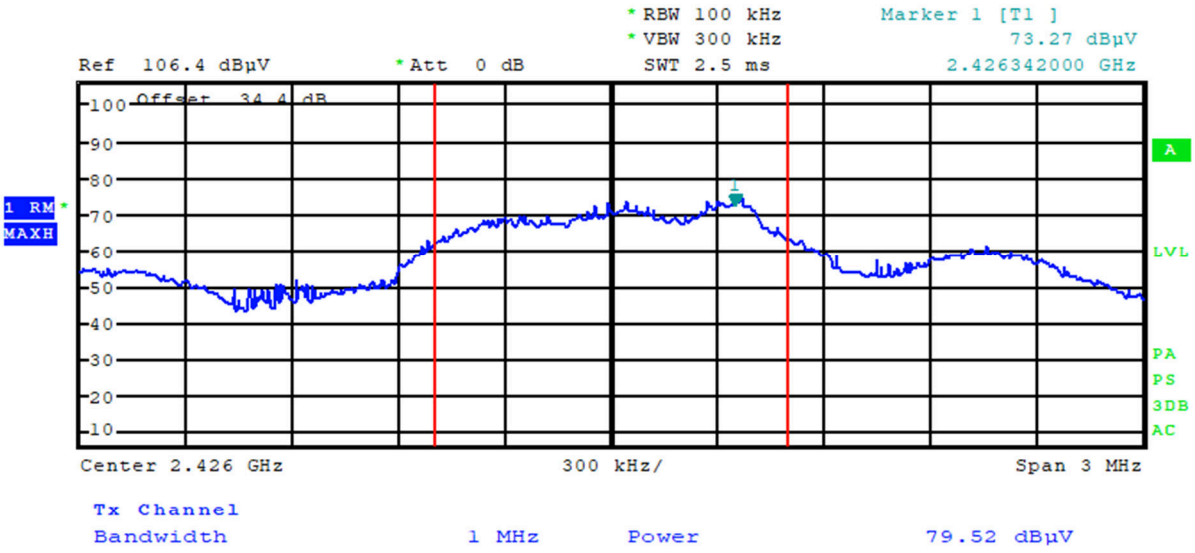

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Figure 10 2426.0 MHz

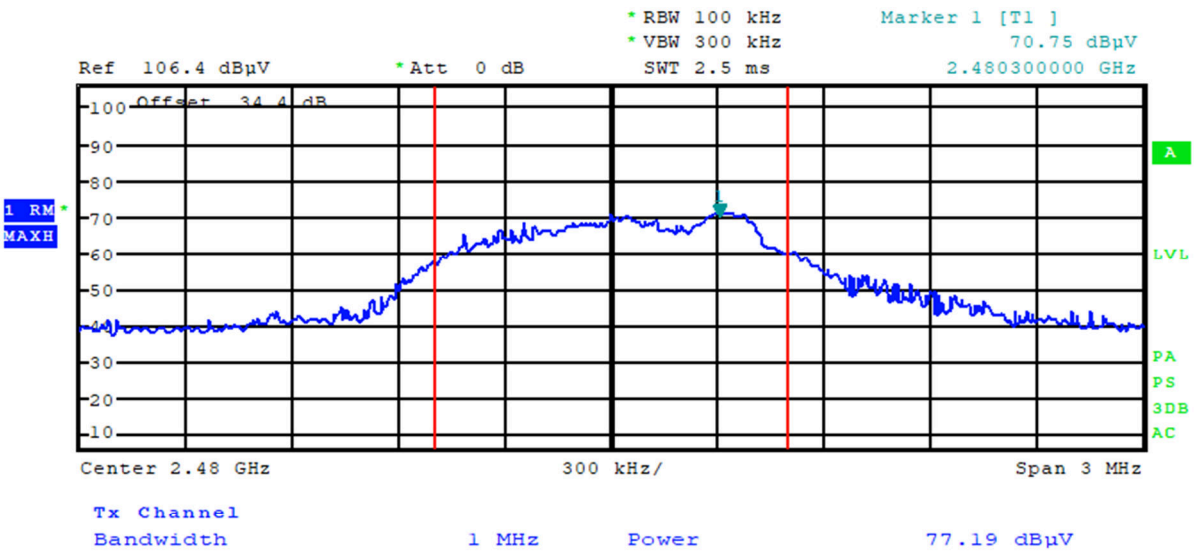

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Figure 11 2480.0 MHz

5. Band Edge Spectrum

5.1 Test Specification

FCC, Part 15, Subpart C, Section 247(d)

RSS-247, Issue 2, Section 5.5

5.2 Test Procedure

(Temperature (20°C)/ Humidity (51%RH))

The E.U.T operation mode and test set-up are as described in Section 2 of this report.

The RBW was set to 100 kHz.

5.3 Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be more than 20 dBc in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

5.4 Test Results

5.4.1 BLE

Operation Frequency	Band Edge Frequency	Spectrum Level	Spectrum Peak	Limit	Margin
(MHz)	(MHz)	(dBuV)	(dBuV)	(dBc)	(dB)
2402.0	2400.0	71.5	94.4	-20.0	-22.9
2480.0	2483.5	39.5	84.6	-20.0	-45.1

Figure 12 Band Edge Spectrum

JUDGEMENT: PASS

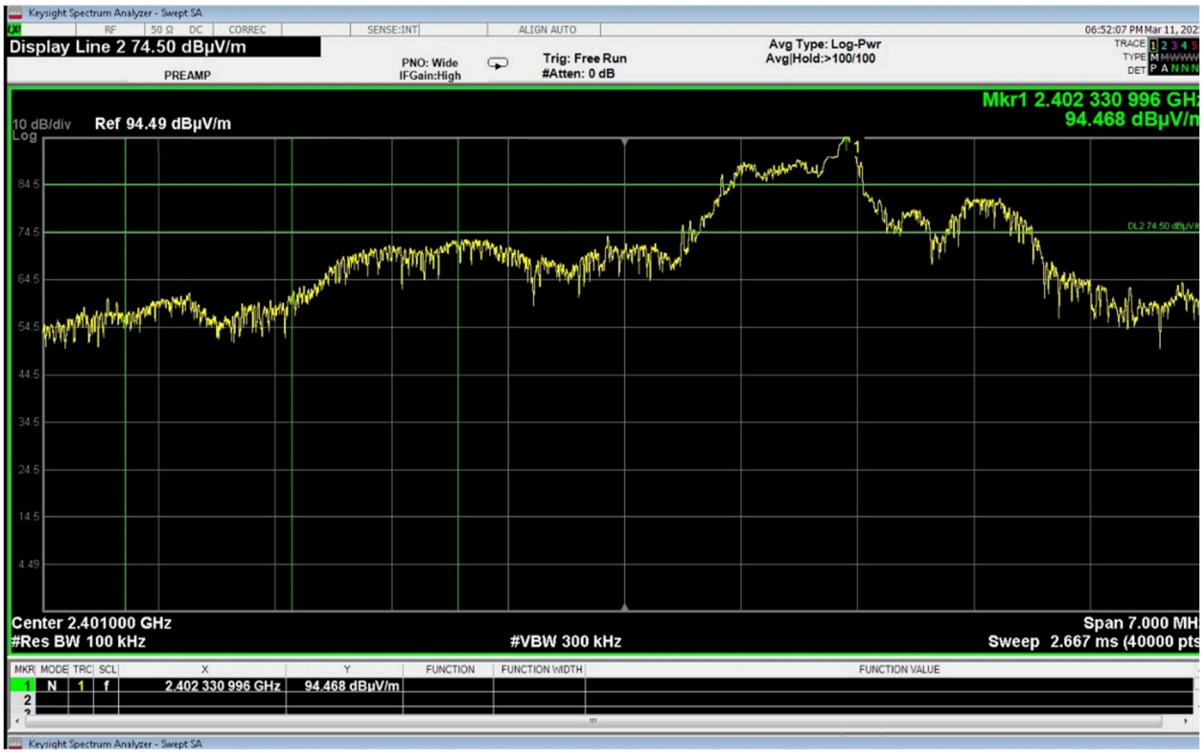

Figure 13. 2402.0 MHz, BLE

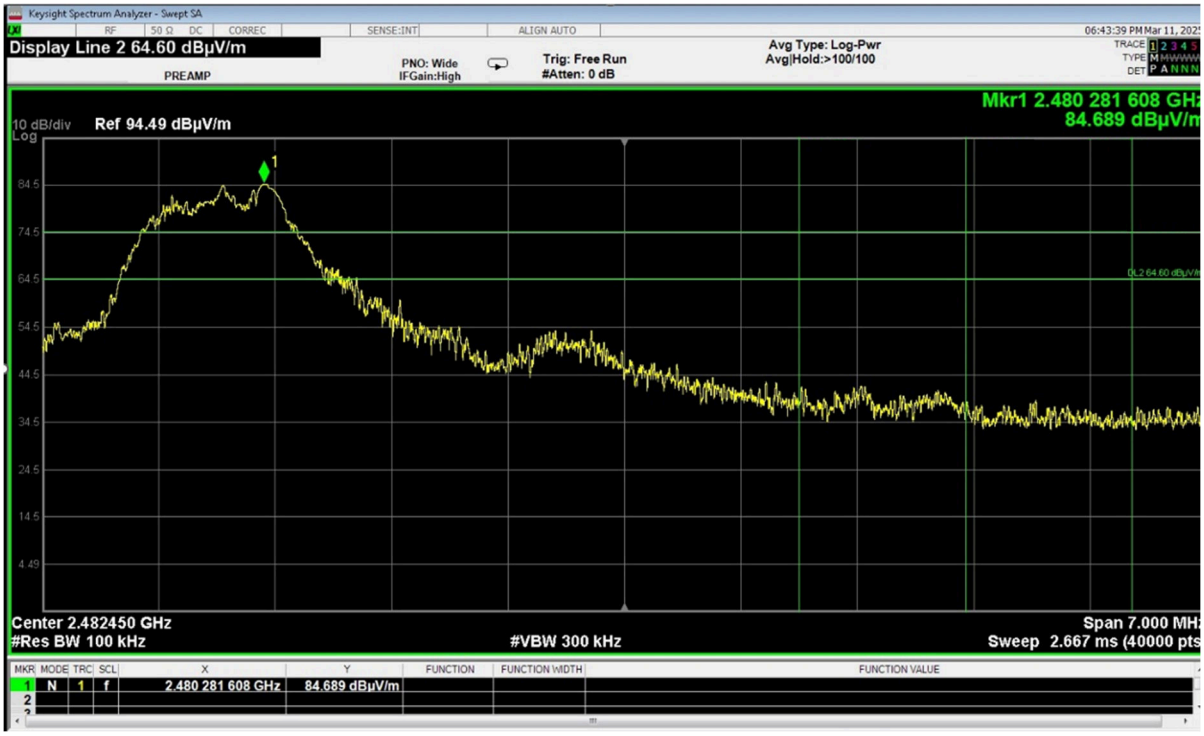

Figure 14. 2480.0 MHz, BLE

5.5 Test Equipment

ITL #	Instrument	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
2163	Signal Analyzer	Keysight	WO-00400256-23	MY54430182	25 Feb 2023	25 Feb 2026
1778	Antenna Cable for KA Band	OSR Electronics	37297C KPS	1503-590 (05032006)	Aug. 9, 2024	9 Aug 2025
1366	Horn Antenna	EMCO	3115	9702-511	18 Oct 2023	18 Oct 2025

Figure 15 Test Equipment Used

6. Transmitted Power Density

6.1 Test Specification

FCC, Part 15, Subpart C, Section 247(e)

RSS-247, Issue 2, Section 5.2(b)

6.2 Test Procedure

(Temperature (20°C)/ Humidity (52%RH))

The E.U.T operation mode and test set-up are as described in Section 2 of this report.

The spectrum analyzer was set to 3kHz RBW.

6.3 Test Limit

For digitally modulated systems, the power spectral density radiated shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

6.4 Test Results

Operation Frequency	PSD Reading	PSD Reading	Limit	Margin
(MHz)	(dBuV)	(dBm)	(dBm)	(dB)
2402.0	65.9	-31.4	8.0	-39.4
2426.0	58.2	-38.9	8.0	-46.9
2480.0	61.6	-35.8	8.0	-43.8

Figure 16 Test Results

JUDGEMENT: PASS

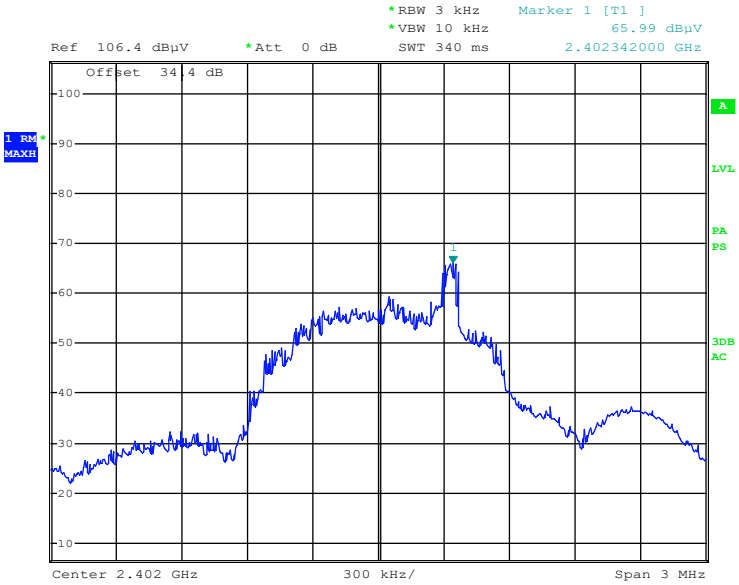

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Figure 17. 2402.0 MHz, BLE

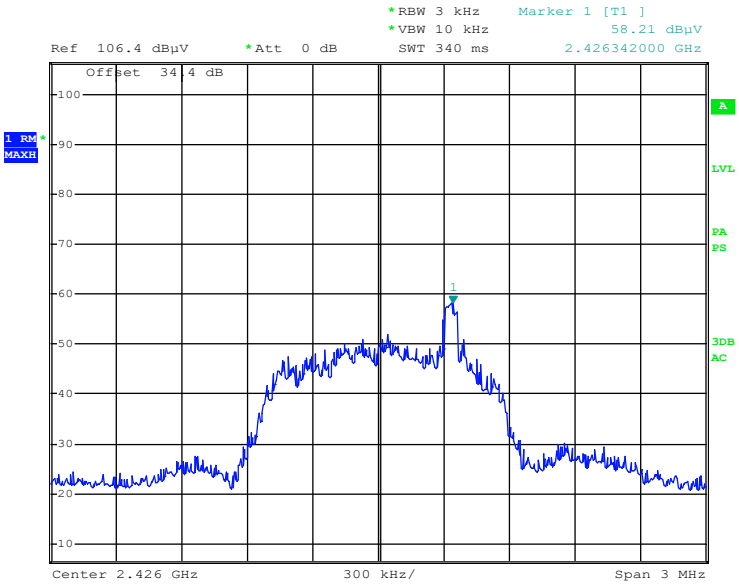

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Figure 18. 2426.0 MHz, BLE

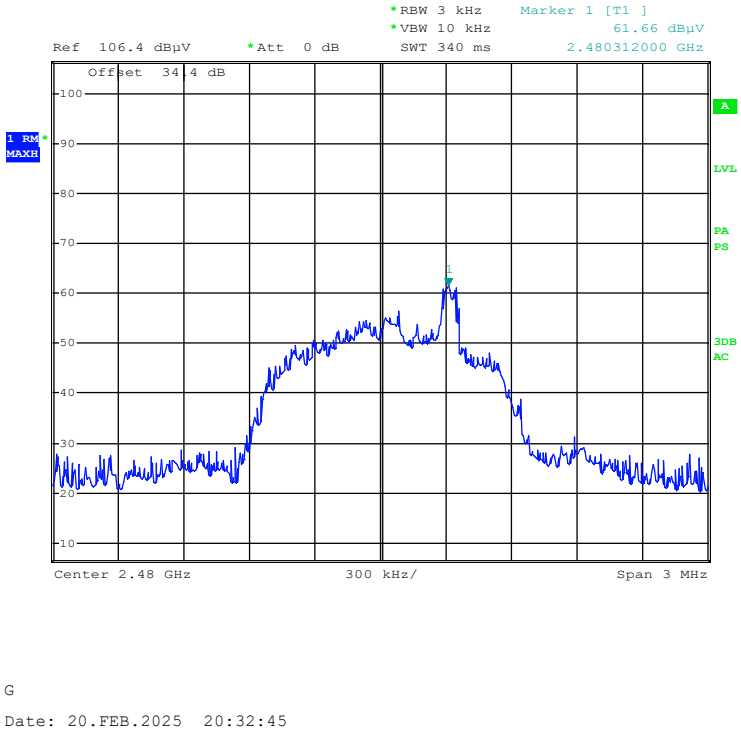

Figure 19. 2480.0 MHz, BLE

6.5 Test Equipment

ITL #	Instrument	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
1507	EMI Receiver	Rohde & Schwarz	ESCI7	100794	Feb. 7, 2024	Feb. 7, 2025
1778	Antenna Cable for KA Band	OSR Electronics	37297C KPS	1503-590 (05032006)	Aug. 9, 2024	9 Aug 2025
2199	Trilog Broadband Antenna 30 MHz -7 GHz	Schwarzbeck	VULB 9162	585	Oct. 16, 2023	Oct. 16, 2025

Figure 20 Test Equipment Used

7. Occupied Bandwidth

7.1 Test Specification

FCC, Part 2, Sub part J, Section 2.1049

RSS-Gen, Issue 5: 2014, Section 6.6

7.2 Test Procedure

(Temperature (21°C)/ Humidity (53%RH))
The E.U.T. operation mode and test set-up are as described in Section 2 .
The E.U.T tested radiated

The RBW set to the range of 1% to 5% of the OBW.

The span was set between 1.5 to 5 times of the OBW (2MHz).
99% occupied bandwidth function was set on.

7.3 Test Limit

N/A

7.4 Test Results

JUDGEMENT: Pass

7.4.1 BLE

Operation Frequency	Reading
(MHz)	(MHz)
2402.0	1.24
2426.0	1.19
2480.0	1.09

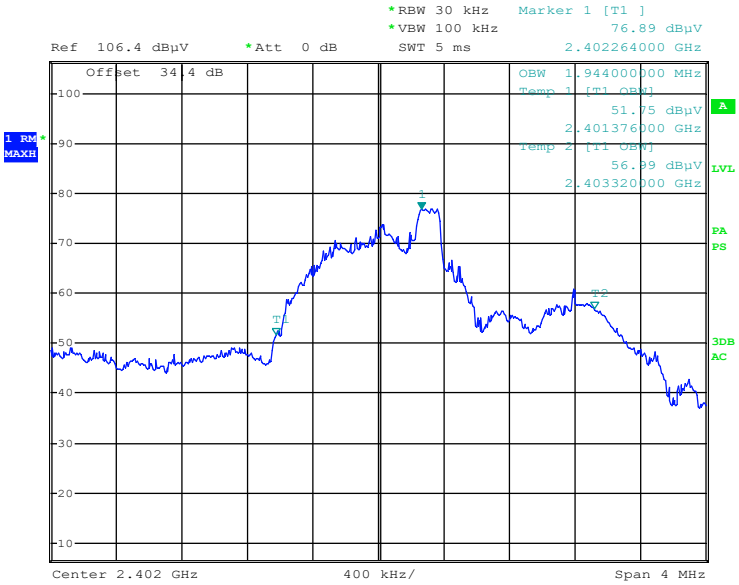

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Figure 21. 2402.0 MHz

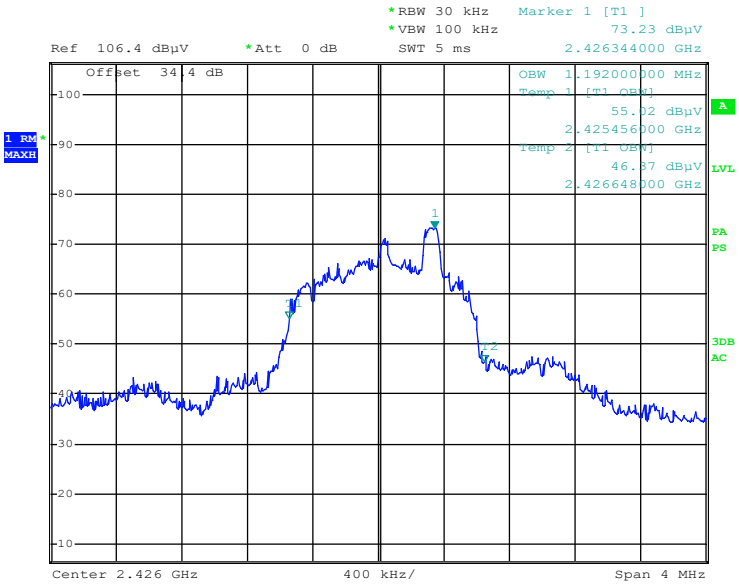

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Figure 22. 2426.0 MHz

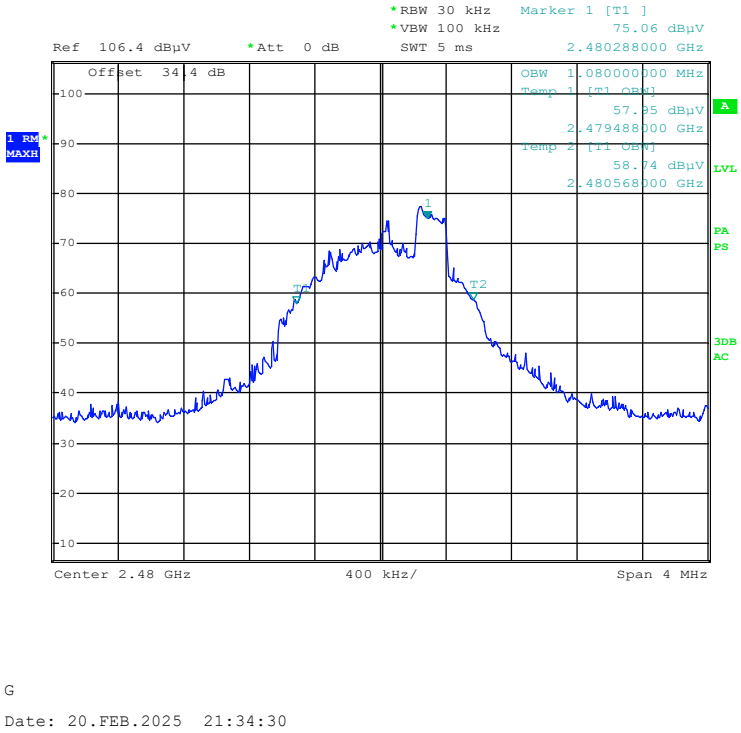


Figure 23. 2480.0 MHz

7.5 Test Equipment Used; Bandwidth

ITL #	Instrument	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
1507	EMI Receiver	Rohde & Schwarz	ESCI7	100794	Feb. 7, 2024	Feb. 7, 2025
1778	Antenna Cable for KA Band	OSR Electronics	37297C KPS	1503-590 (05032006)	Aug. 9, 2024	9 Aug 2025
2199	Trilog Broadband Antenna 30 MHz -7 GHz	Schwarzbeck	VULB 9162	585	Oct. 16, 2023	Oct. 16, 2025

8. Emissions in Non-Restricted Frequency Bands

8.1 Test Specification

FCC, Part 15, Subpart C, Section 247(d)

RSS-247, Issue 2, Section 5.5

8.2 Test Procedure

(Temperature (20°C)/ Humidity (51%RH))

The E.U.T operation mode and test set-up are as described in Section 2 of this report.

The E.U.T was tested in the chamber and placed on a remote-controlled turntable. The E.U.T was placed on a non-metallic table, 1.5 meters above the ground. The readings were maximized by the turntable azimuth between 0-360°, and the antenna polarization. The emissions were measured at a distance of 3 meters.

The E.U.T was powered from 2 V DC
RBW was set to 100kHz, detector set to max peak and trace to “max hold”.

8.3 Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, 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.

8.4 Test Results

JUDGEMENT: Passed
The EUT met the requirements of the F.C.C. Part 15, Subpart C, Section 247(d) specification. No emissions were detected 20dBc from the fundamental signal

8.5 Test Equipment

ITL #	Instrument	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
1366	Horn Antenna	EMCO	3115	9702-511	18 Oct 2023	18 Oct 2025
1699	Low Loss cable	Huber Suhner	Sucoflex	27502/4PEA	Aug. 9, 2024	9 Aug 2025
2199	Trilog Broadband Antenna 30 MHz-7 GHz	Schwarzbeck	VULB 9162	585	16 Oct 2023	16 Oct 2025

Figure 24 Test Equipment

9. Emissions in Restricted Frequency Bands

9.1 Test Specification

FCC Part 15, Subpart C, Sections 15.209, 15.205, 15.247(d)

RSS-247, Issue 2, Section 3.3

RSS Gen, Issue 5, Section 8.10

9.2 *Test Procedure*

(Temperature (23°C)/ Humidity (65%RH))
The E.U.T. operation mode and test setup are as described in Section 2 of this report.

The E.U.T was tested inside the shielded room and placed on a non-metallic table, 0.8 meters above the ground. The emissions were measured at a distance of 3 meters.

The readings were maximized by the turntable azimuth between 0-360°, and the antenna polarization.

The frequency range 0.009MHz -25GHz was scanned.

The tests were taken for every "worst case" of each protocol type. The highest radiation is described in the tables below

The levels of the emissions within the frequency ranges of the restricted bands (Section 15.205 of FCC Part 15) were compared to the limits of the table in Section 15.209 (a), General Requirements.

9.3 FCC Test Limit

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement distance (meters)	Field Strength* (dBµV/m)	Field Strength* (dBµV/m)@3m
0.009-0.490	2400/F(kHz)	300	48.5-13.8	128.5-73.8
0.490-1.705	24000/F(kHz)	30	33.8-23.0	73.8-63.0
1.705-30.0	30	30	29.5	69.5
30-88	100	3	40.0	40.0
88-216	150	3	43.5	43.5
216-960	200	3	46.0	46.0
Above 960	500	3	54.0	54.0

*The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

9.4 IC Test Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Magnetic Field strength (microampere/meter)	Measurement distance (meters)	Magnetic Field strength (dBµA/m)	Magnetic Field strength* (dBµA/m)@3m
0.009-0.490	6.37/F(kHz)	300	-3.0-(-37.7)	77.0-42.2
0.490-1.705	63.7/F(kHz)	30	-17.7-(-28.5)	22.3-11.4
1.705-30.0	0.08	30	-21.9	18.0
Frequency (MHz)	**Field strength (microvolts/meter)**	**Measurement distance (meters)**	**Field strength (dBµV/m)**	**Field strength* (dBµV/m)@3m**
30-88	100	3	40.0	40.0
88-216	150	3	43.5	43.5
216-960	200	3	46.0	46.0
Above 960	500	3	54.0	54.0

*The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table specified when measuring with peak detector function.

9.5 Test Results

JUDGEMENT: PASS

The EUT met the requirements of the F.C.C. Part 15, Subpart C Sections 15.209, 15.205, 15.247(d) specifications.

Antenna Polarization: Horizontal/Vertical Frequency Range: 9kHz to 25.0 GHz
BLE, Detector: Peak, Average

Operation Frequency	Freq.	Pol	Peak Reading	Peak Limit	Peak Margin	Average Reading	Average Limit	Average Margin
(MHz)	(MHz)	(H/V)	(dBµV/m)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV/m)	(dB)
2402.0	2390.0	V	47.1	74.0	-26.9	37.1	54	-16.9
	2390.0	H	48.2	74.0	-25.8	36.2	54	-17.8
	4804.0	V	51.2	74.0	-22.8	36.1	54	-17.9
	4804.0	H	52.3	74.0	-21.7	35.1	54	-18.9
2426.0	4874.0	V	45.2	74.0	-28.8	37.1	54	-16.9
	4874.0	H	46.1	74.0	-27.9	36.9	54	-17.1

Operation Frequency	Freq.	Pol	Peak Reading	Peak Limit	Peak Margin	Average Reading	Average Limit	Average Margin
(MHz)	(MHz)	(H/V)	(dBµV/m)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV/m)	(dB)
2480.0	4920.0	V	51.7	74.0	-22.3	36.1	54	-17.9
	4920.0	H	52.4	74.0	-21.6	31.9	54	-22.1
	2483.5	V	47.6	74.0	-26.4	37.5	54	-16.5
	2483.5	H	49.8	74.0	-24.2	38.5	54	-15.5

9.6 Test Equipment

ITL #	Instrument	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
1366	Horn Antenna	EMCO	3115	9702-511	18 Oct 2023	18 Oct 2025
1499	Spectrum Analyzer	Rohde & Schwarz	FSL6	100194	5 Feb 2024	5 Feb 2025
1699	Low Loss cable	Huber Suhner	Sucoflex	27502/4PEA	Aug. 9, 2024	9 Aug 2025
1778	Antenna Cable for KA Band	OSR Electronics	37297C KPS	1503-590 (05032006)	Aug. 9, 2024	9 Aug 2025
1844	Low-loss Coax Cable 1m	EIM	705A00930 1EIM	-	Aug. 9, 2024	9 Aug 2025
2163	Signal Analyzer	Keysight	WO-00400256-23	MY54430182	25 Feb 2023	25 Feb 2025
2199	Trilog Broadband Antenna 30 MHz-7 GHz	Schwarzbeck	VULB 9162	585	16 Oct 2023	16 Oct 2025

10. R.F. Exposure/Safety

See a separate document.

11. Setup Photos

Figure 25 30MHz-1GHz

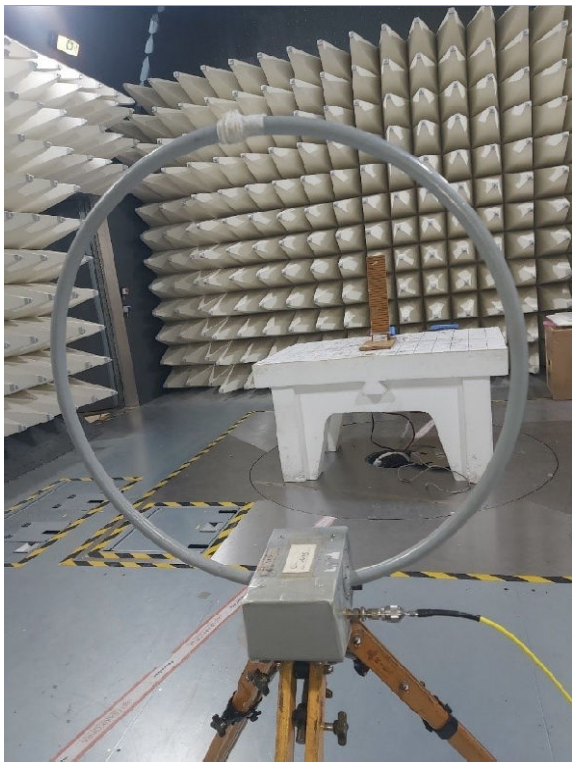


Figure 26 9kHz-30MHz

Figure 27 8GHz-25GHz

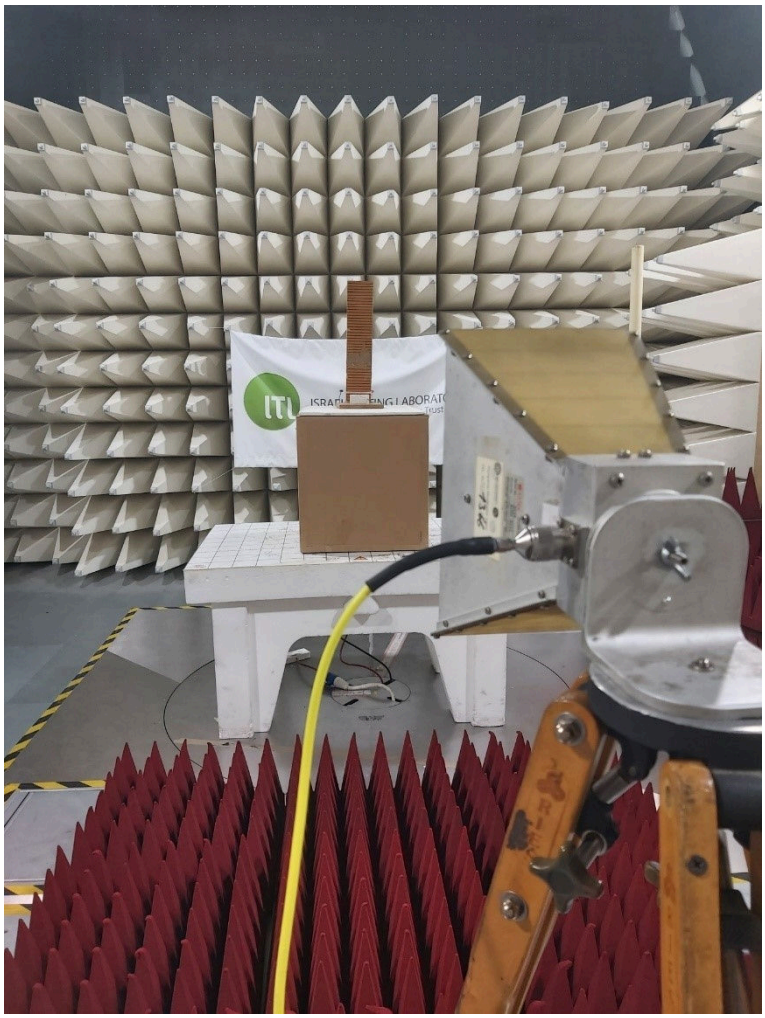


Figure 28 1GHz-8GHz

12. Appendix A - Correction Factors

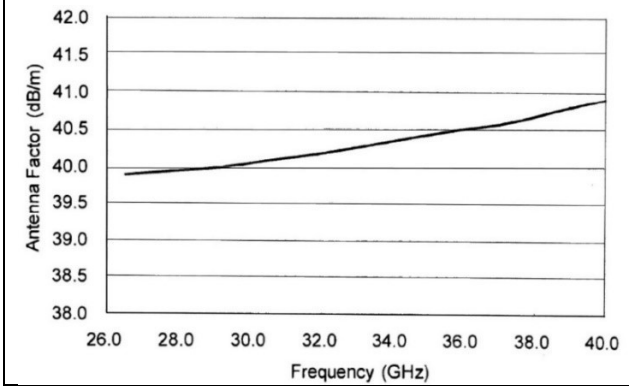
ITL # 1075: Active Loop Antenna						
Frequency (MHz)	MAF (dBs/m)	AF (dB/m)		Frequency (MHz)	MAF (dBs/m)	AF (dB/m)
0.01	-33.1	18.4		2	-40.0	11.5
0.02	-37.2	14.3		3	-40.0	11.5
0.03	-38.2	13.3		4	-40.1	11.4
0.05	-39.8	11.7		5	-40.2	11.3
0.1	-40.1	11.4		6	-40.4	11.1
0.2	-40.3	11.2		7	-40.4	11.1
0.3	-40.3	11.2		8	-40.4	11.1
0.5	-40.3	11.2		9	-40.5	11.0
0.7	-40.3	11.2		10	-40.5	11.0
1	-40.1	11.4		20	-41.5	10.0

ITL # 1353: Horn Antenna (@ 3m distance)[2]				
Frequency (MHz)	Measured antenna factor (dB/m)		Frequency (MHz)	Measured antenna factor (dB/m)
18000	32.4		22500	33.0
18500	32.0		23000	33.1
19000	32.3		23500	33.8
19500	32.4		24000	33.5
20000	32.3		24500	33.5
20500	32.8		25000	33.8
21000	32.8		25500	33.9
21500	32.7		26000	34.2
22000	33.1		26500	34.7

ITL #1356: Biconical Antenna				
Frequency (MHz)	AF (dB/m)		Frequency (MHz)	AF (dB/m)
30	13.00		90	8.23
35	10.89		100	11.12
40	10.59		120	13.16
45	10.63		140	13.07
50	10.12		160	14.80
60	9.26		180	16.95
70	7.74		200	17.17
80	6.63			

[2] The antenna factor shall be added to the receiver reading in dBµV to obtain field strength in dBµ V/m

ITL # 1777: 26.5-40 GHz Horn Antenna



ITL # 1366: Horn Antenna				
Frequency (MHz)	**AF (dB/m)**		**Frequency (MHz)**	**AF (dB/m)**
750	25		10000	38.5
1000	23.5		10500	38.5
1500	26.0		11000	38.5
2000	29.0		11500	38.5
2500	27.5		12000	38.0
3000	30.0		12500	38.5
3500	31.5		13000	40.0
4000	32.5		13500	41.0
4500	32.5		14000	40.0
5000	33.0		14500	39.0
5500	35.0		15000	38.0
6000	36.5		15500	37.5
6500	36.5		16000	37.5
7000	37.5		16500	39.0
7500	37.5		17000	40.0
8000	37.5		17500	42.0
8500	38.0		18000	42.5
9000	37.5			
9500	38			

ITL # 1778: Low-loss RF cable	
Frequency (GHz)	**Loss (dB)**
10.0	-2.3
20.0	-3.5
30.0	-4.5
40.0	-6.0

ITL #2199 Trilog Broadband Antenna + ITL #1911 RF cable				
Frequency (MHz)	AF (dB/m)		Frequency (MHz)	AF (dB/m)
30.00	14.30		80.00	11.10
40.00	16.20		90.00	13.40
50.00	17.40		100.00	15.20
60.00	16.30		150.00	11.40
70.00	13.00		200.00	14.10
80.00	11.10		300.00	16.10
90.00	13.40		400.00	18.10
100.00	15.20		500.00	19.50
150.00	11.40		600.00	21.10
30.00	14.30		700.00	22.50
40.00	16.20		800.00	23.50
50.00	17.40		900.00	24.70
60.00	16.30		1000.00	25.50
70.00	13.00			

ITL # 2215 BBHA 9120 L - Double Ridged Broadband Horn Antenna				
Frequency (MHz)	AF (dB/m)		Frequency (MHz)	AF (dB/m)
2500	38.30		14000	40.70
3000	37.90		14500	40.30
3500	35.50		15000	40.70
4000	37.70		15500	41.10
4500	36.50		16000	41.00
5000	37.40		16500	41.80
5500	37.30		17000	41.50
6000	36.50		17500	42.10
6500	37.10		18000	42.50
7000	37.20		18500	42.20
7500	37.40		19000	42.30
8000	37.20		19500	42.40
8500	38.30		20000	42.70
9000	37.90		20500	42.90
9500	38.70		21000	43.20
10000	39.10		21500	43.60
10500	38.60		22000	43.80
11000	38.90		22500	43.80
11500	39.30		23000	44.20
12000	39.10		23500	44.40
12500	39.20		24000	45.20

ITL # 2215 BBHA 9120 L - Double Ridged Broadband Horn Antenna				
Frequency (MHz)	**AF (dB/m)**		**Frequency (MHz)**	**AF (dB/m)**
13000	39.80		24500	46.30
13500	39.90		25000	47.40
25500	47.80		33000	45.20
26000	46.70		33500	45.10
26500	45.90		34000	44.90
27000	45.70		34500	44.60
27500	45.40		35000	44.60
28000	45.10		35500	44.60
28500	45.10		36000	44.60
29000	45.00		36500	45.00
29500	45.30		37000	45.20
30000	45.20		37500	45.00
30500	45.20		38000	44.80
31000	45.00		38500	45.30
31500	45.00		39000	45.30
32000	45.00		39500	45.70
32500	44.90		40000	45.90

End of Report