

Prüfbericht-Nr.: Test report no.:	CN26IZST 001	Auftrags-Nr.: Order no.:	27233906	Seite 1 von 20 Page 1 of 20
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2026-05-11	
Auftraggeber: Client:	Bear Robotics, Inc. 785 Broadway, Redwood City, CA 94063, United States			
Prüfgegenstand: Test item:	Lora module			
Bezeichnung / Typ-Nr.: Identification / Type no.:	WB26-9P			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR Title 47 FCC Part 15: Subpart C Section 15.247			
Wareneingangsdatum: Date of sample receipt:	2026-05-11	Please refer to photo documents		
Prüfmuster-Nr.: Test sample no.:	A004260088-001			
Prüfzeitraum: Testing period:	2026-06-02 - 2026-06-04			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:	<u>X Jonathan Li</u>		genehmigt von: authorized by:	<u>X Bell Hu</u>
Datum: Date:	2026-07-13	Ausstellungsdatum: Issue date:		2026-07-13
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:		Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2BAKL-WB26-9P			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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Anmerkungen
Remarks

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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2023, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 6dB BANDWIDTH

RESULT: Pass

5.1.5 99% BANDWIDTH

RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of Lora

Appendix B: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China

FCC Accreditation Designation No.: 694916

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing (SRD-Tonscend 2)					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
Wireless Connectivity Tester	R&S	CMW270	101375	2025-09-23	2026-09-22
Signal Analyzer	R&S	FSV 40	101441	2025-09-23	2026-09-22
Vector Signal Generator	R&S	SMBV100A	263301	2025-10-30	2026-10-29
Signal Generator	R&S	SMB100A	115186	2025-09-23	2026-09-22
Automation Control Unit	Tonscend	JS0806-2	21C8060396	2025-09-23	2026-09-22
Control PC	Lenovo	1HH43Q4	F807B09DD5F 1	N/A	N/A
Test Software	Tonscend	JS1120-3	N/A	N/A	N/A
Power Meter	R&S	NRP2	107105	2025-10-30	2026-10-29
Power Sensor	R&S	NRP-Z81	105677	2025-09-23	2026-09-22
Shielding Room	Albatross	SR1	APC17151-SR1	2024-09-14	2027-09-13
Unwanted Emission Testing (TS9975)					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	2025-09-22	2026-09-21
Signal Analyzer	R&S	FSV 40	101439	2025-09-22	2026-09-21
System Controller Interface	R&S	SCI-100	S10010038	N/A	N/A
Filterbank	R&S	Wlan	100759	2025-09-22	2026-09-21
OSP	R&S	OSP 120	102040	N/A	N/A
Pre-amplifier	R&S	SCU08F1	08320031	2025-09-22	2026-09-21
Amplifier	R&S	SCU-18F	180070	2025-09-22	2026-09-21
Amplifier	R&S	SCU40A	100475	2025-09-22	2026-09-21
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	2024-09-28	2026-09-27
Double-Ridged Antenna (1-18 GHz)	ETS-LINDGREN	3117	00218717	2024-09-28	2026-09-27
Wideband Ridged Horn Antenna	Steatite	QMS-00880	19067	2024-09-28	2026-09-27

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(18-40 GHz)					
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	2024-09-28	2026-09-27
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	2024-09-14	2027-09-13

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
RF output power, conducted	± 0.99 dB
Occupied Channel Bandwidth	± 2.08 %
RF power density, conducted	± 0.99 dB
Unwanted Emissions, conducted	± 0.89 dB
All emissions, radiated	± 4.17 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The Product is a Lora module which support Lora wireless technology.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment:	Lora module
Type Designation:	WB26-9P
FCC ID:	2BAKL-WB26-9P
Operating Voltage:	DC 3.3V
Technical Specification of Lora	
Operating Frequency:	920.43 MHz to 923.63 MHz
Type of Modulation:	FSK
Channel Number:	9 channels
Channel Separation:	400kHz
Antenna Type:	Integral Antenna
Antenna Number:	1Tx1Rx
Antenna Gain:	1.5 dBi (Provided by the Client)

Note: The correctness of all data provided by customer in the test report is ensured and responsible of the customer. Any misjudgment of the test results caused by the use of incorrect data provided by customer shall be borne by the customer.

Table 4: RF Channel and Frequency of Lora DTS

Lora DTS SF5					
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	920.43	3	921.63	6	922.83
1	920.83	4	922.03	7	923.23
2	921.23	5	922.43	8	923.63

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Lora DTS transmitting mode
 - 1) Low Channel
 - 2) Middle Channel
 - 3) High Channel
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|-------------------------|----------------------------------|
| - Application Form | - User Manual |
| - Operation Description | - FCC/IC Label and Location Info |

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024.

According to clause 3.1, all tests were performed on model *WB26-9P* in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
Laptop	Lenovo	T480	PF-16A6N8
DC Power Supply	Keysight	E3642A	MY61276100

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

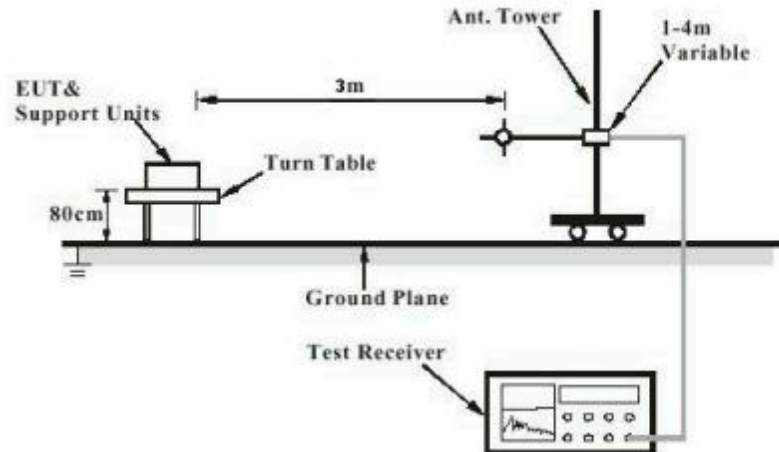


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

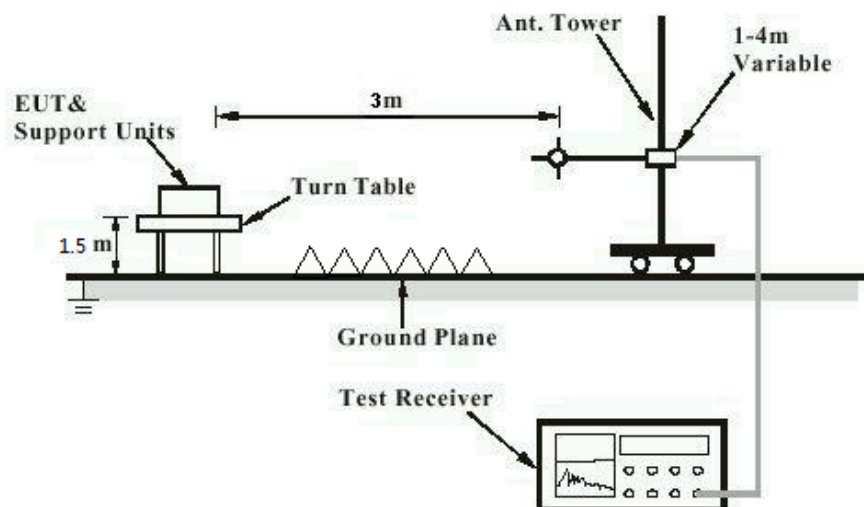
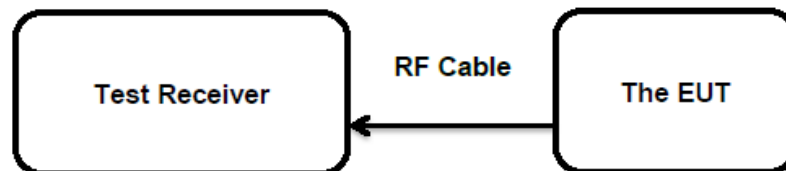


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(b)(4) and Part 15.203

According to the manufacturer declared, the EUT has Integral Antenna, permanent attachment and no consideration of replacement, refer to section 3.2 for details.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Maximum Peak Conducted Output Power

RESULT:**Pass****Test Specification**

Test standard : FCC Part 15.247(b)(3)
Basic standard : ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+
C63.10a:2024
Limits : < 1.0 W
Kind of test site : Shielded Room

Test Setup

Date of testing : 2026-06-02
Input voltage : DC 3.3V
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 23.2 °C
Relative humidity : 52 %
Atmospheric pressure : 101 kPa

For details refer to following test result.

Table 6: Test Result of Maximum Peak Conducted Output Power

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
LORA_DTS_SF5	Ant1	920.43	10.74	≤30	PASS
LORA_DTS_SF5	Ant1	922.03	10.68	≤30	PASS
LORA_DTS_SF5	Ant1	923.63	10.65	≤30	PASS

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna Gain: 1.5 dBi

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5.1.3 Conducted Power Spectral Density

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(e)
Basic standard	: ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024
Limits	: < 8 dBm / 3kHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-06-02
Input voltage	: DC 3.3V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 23.2 °C
Relative humidity	: 52 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

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5.1.4 6dB Bandwidth

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(a)(2)
Basic standard	: ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024
Limits	: > 500 kHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-06-02
Input voltage	: DC 3.3V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 23.2 °C
Relative humidity	: 52 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

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5.1.5 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(a)
Basic standard	: ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024
Limits	: Within assigned band 2400-2483.5MHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-06-02
Input voltage	: DC 3.3V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 23.2 °C
Relative humidity	: 52 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

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5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(d)
Basic standard	: ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024
Limits	: 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-06-02
Input voltage	: DC 3.3V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 23.2 °C
Relative humidity	: 52 %
Atmospheric pressure	: 101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to test plots, and compliance is achieved as well.

For the measurement records, refer to the appendix A.

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5.1.7 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(d) & FCC Part 15.205
Basic standard	: ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024
Limits	: Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Section 8.9 & 8.10
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2026-06-04
Input voltage	: DC 3.3V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: Refer to test results
Relative humidity	: Refer to test results
Atmospheric pressure	: 101 kPa

Remark:

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix B.

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Appendix A: Test Results of Lora

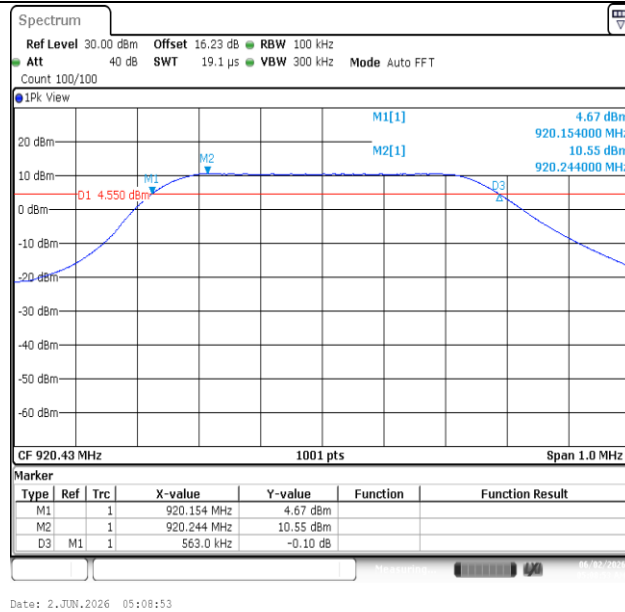
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Appendix A.1: Test Results of 6dB Bandwidth

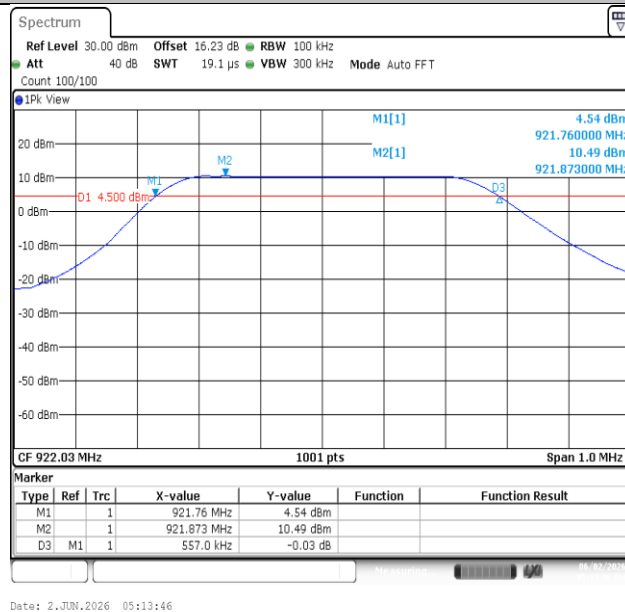
Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LORA_DTS_SF5	Ant1	920.43	0.56	920.15	920.72	0.5	PASS
LORA_DTS_SF5	Ant1	922.03	0.56	921.76	922.32	0.5	PASS
LORA_DTS_SF5	Ant1	923.63	0.56	923.36	923.92	0.5	PASS

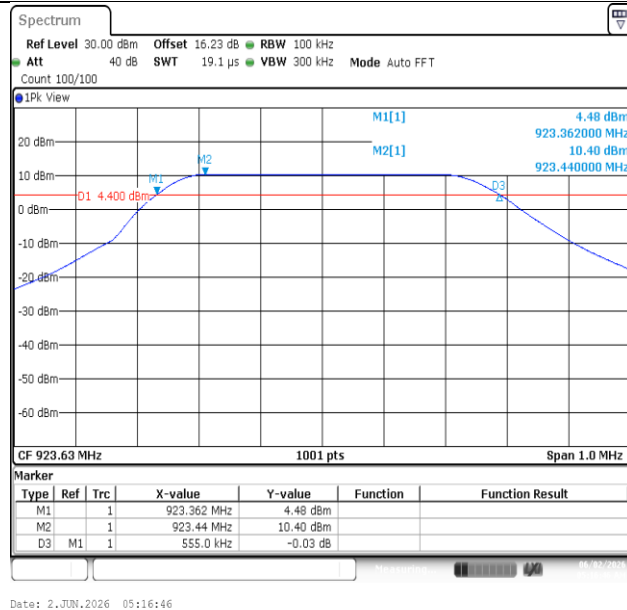
Test Graphs



LORA_DTS_SF5-Ant1-920.43-PASS



LORA_DTS_SF5-Ant1-922.03-PASS



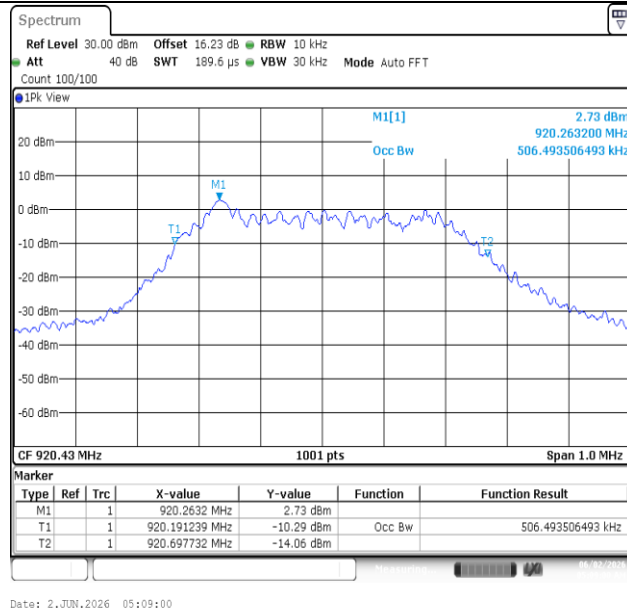
LORA_DTS_SF5-Ant1-923.63-PASS

Appendix A.2: Test Results of 99% Bandwidth

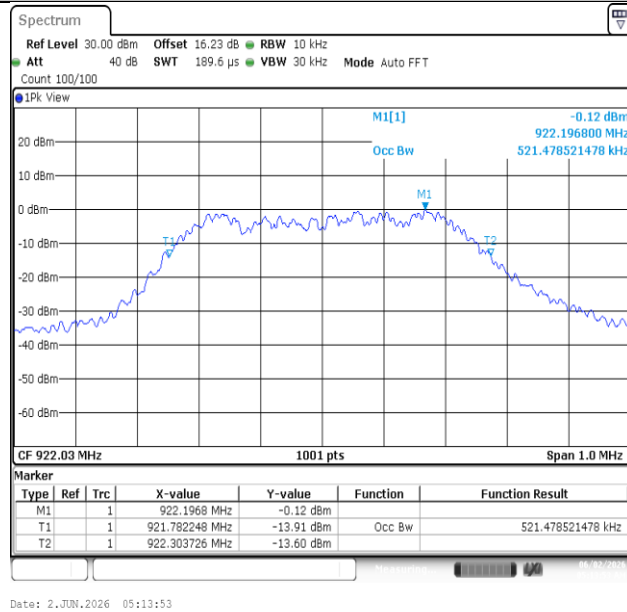
Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LORA_DTS_SF5	Ant1	920.43	0.50649	920.1912	920.6977	---	PASS
LORA_DTS_SF5	Ant1	922.03	0.52148	921.7822	922.3037	---	PASS
LORA_DTS_SF5	Ant1	923.63	0.51149	923.3862	923.8977	---	PASS

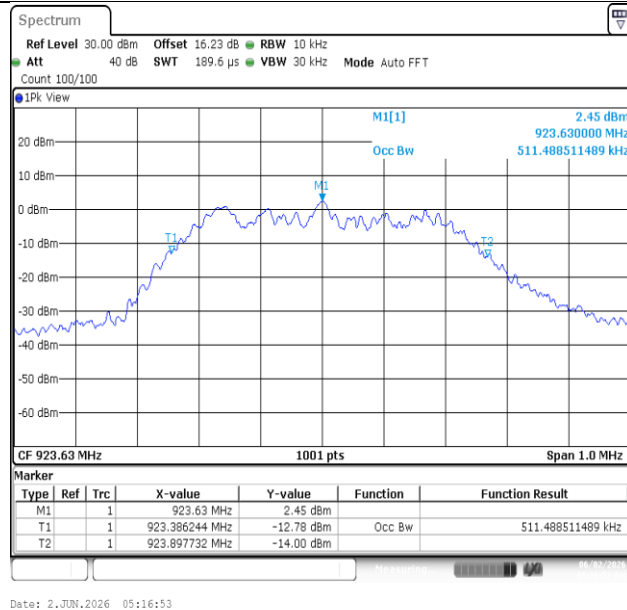
Test Graphs



LORA_DTS_SF5-Ant1-920.43



LORA_DTS_SF5-Ant1-922.03



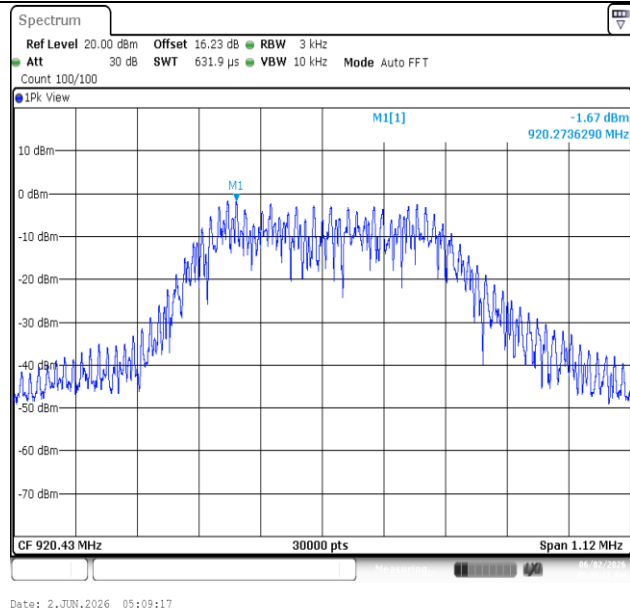
LORA_DTS_SF5-Ant1-923.63

Appendix A.3: Test Results of Conducted Power Spectral Density

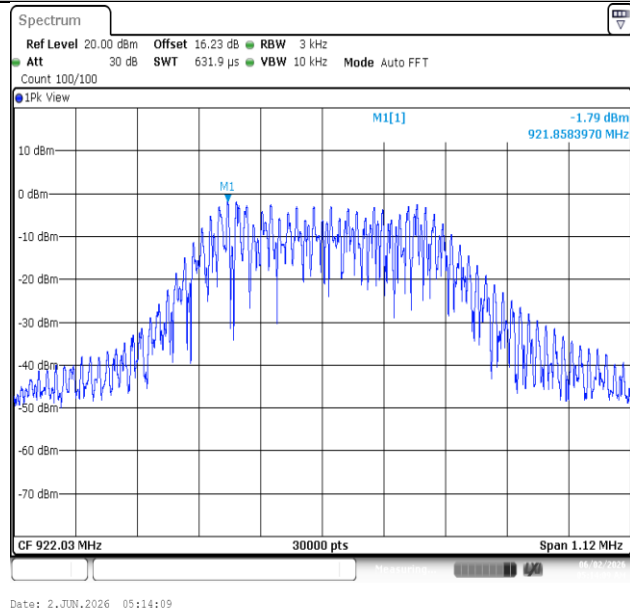
Test Result

TestMode	Antenna	Frequency [MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
LORA_DTS_SF5	Ant1	920.43	-1.67	≤8.00	PASS
LORA_DTS_SF5	Ant1	922.03	-1.79	≤8.00	PASS
LORA_DTS_SF5	Ant1	923.63	-1.79	≤8.00	PASS

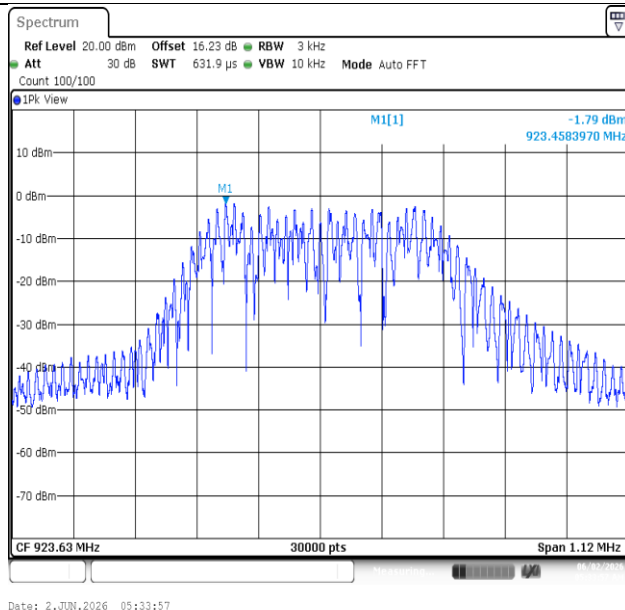
Test Graphs



LORA_DTS_SF5-Ant1-920.43-PASS



LORA_DTS_SF5-Ant1-922.03-PASS



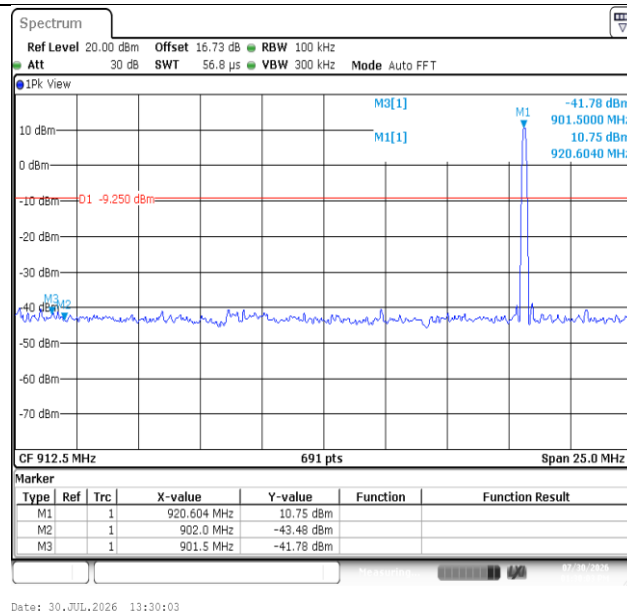
LORA_DTS_SF5-Ant1-923.63-PASS

Appendix A.4: Test Results of Band Edge Measurements

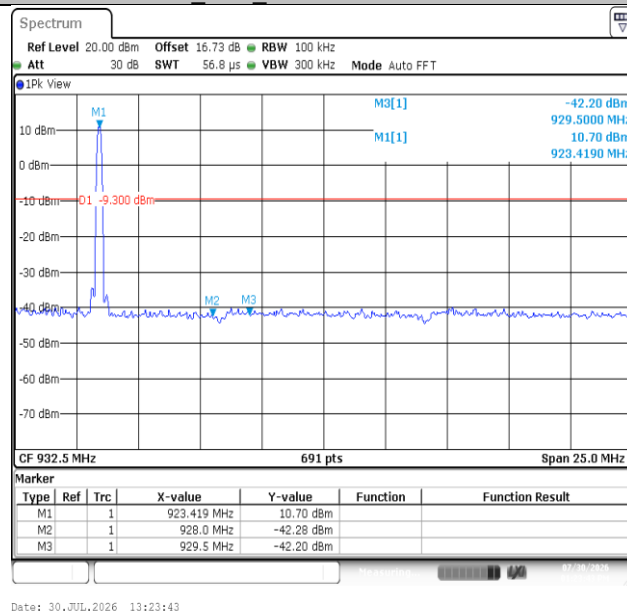
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
LORA_DTS_SF5	Ant1	Low	902	10.75	-41.78	≤-9.25	PASS
LORA_DTS_SF5	Ant1	High	928	10.70	-42.20	≤-9.30	PASS

Test Graphs



LORA DTS_SF5-Ant1-920.43-PASS

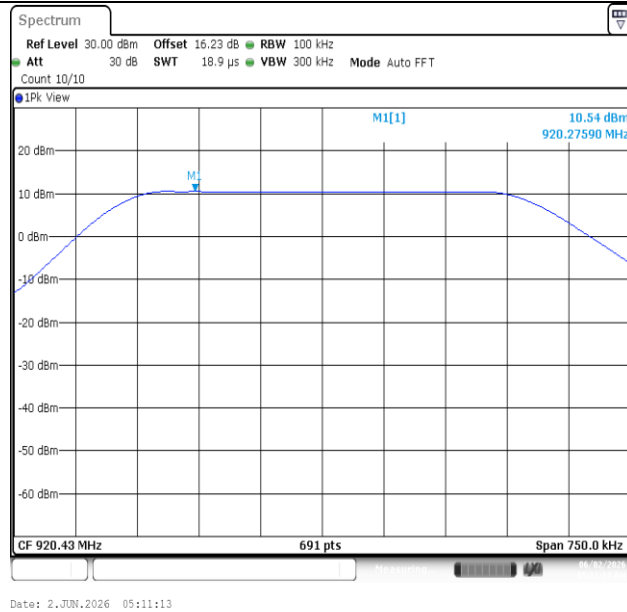


Appendix A.5: Test Results of Conducted Spurious Emission

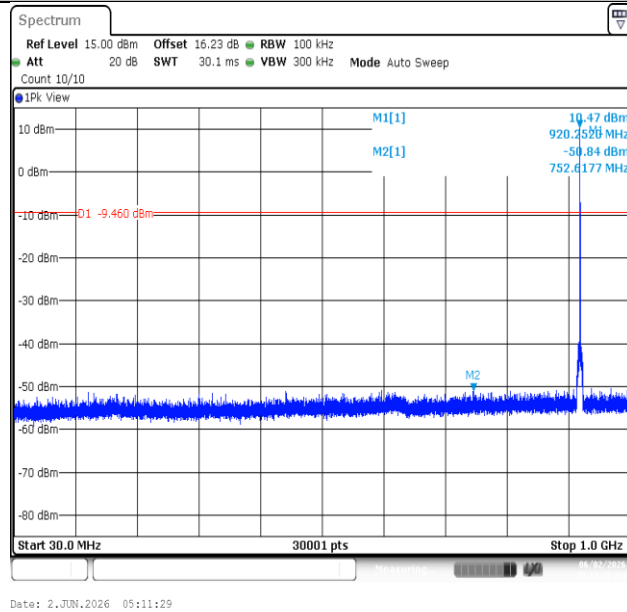
Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
LORA_DTS_SF5	Ant1	920.43	0~Reference	10.54	10.54	---	PASS
LORA_DTS_SF5	Ant1	920.43	30~1000	10.54	-50.84	≤-9.46	PASS
LORA_DTS_SF5	Ant1	920.43	1000~26500	10.54	-44.58	≤-9.46	PASS
LORA_DTS_SF5	Ant1	922.03	0~Reference	10.42	10.42	---	PASS
LORA_DTS_SF5	Ant1	922.03	30~1000	10.42	-50.5	≤-9.58	PASS
LORA_DTS_SF5	Ant1	922.03	1000~26500	10.42	-44.71	≤-9.58	PASS
LORA_DTS_SF5	Ant1	923.63	0~Reference	10.35	10.35	---	PASS
LORA_DTS_SF5	Ant1	923.63	30~1000	10.35	-50.84	≤-9.65	PASS
LORA_DTS_SF5	Ant1	923.63	1000~26500	10.35	-44.64	≤-9.65	PASS

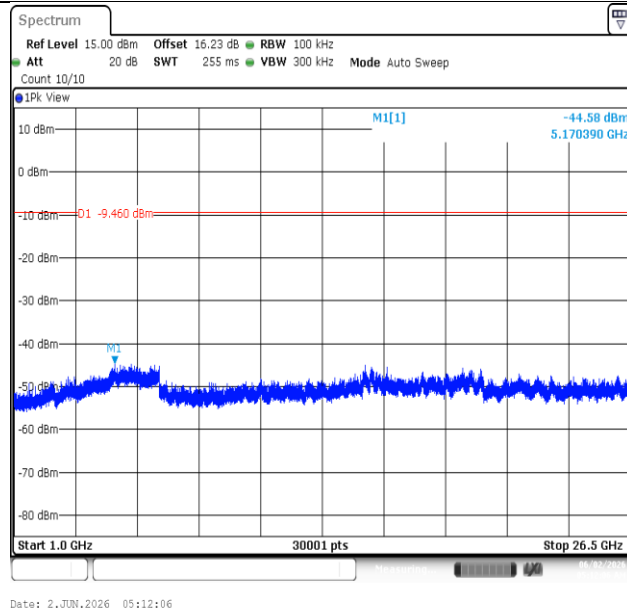
Test Graphs



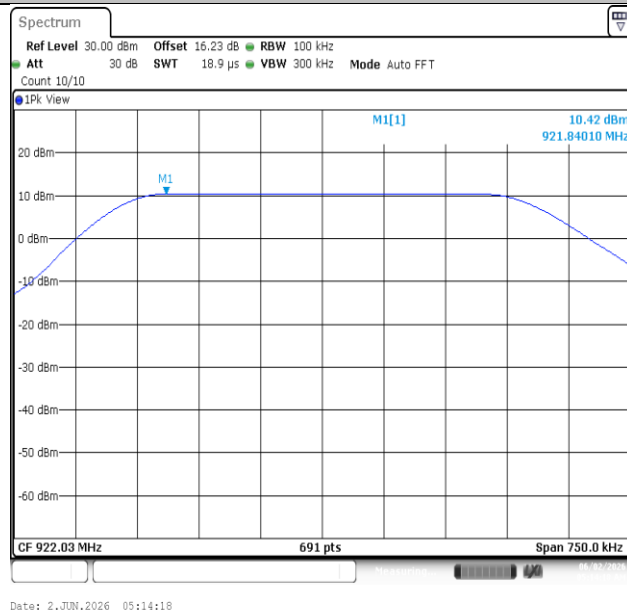
LORA_DTS_SF5-Ant1-920.43-0~Reference-PASS



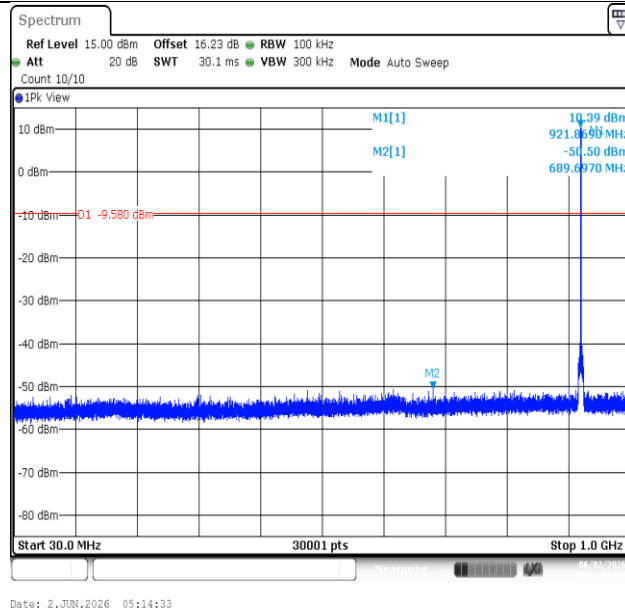
LORA_DTS_SF5-Ant1-920.43-30~1000-PASS



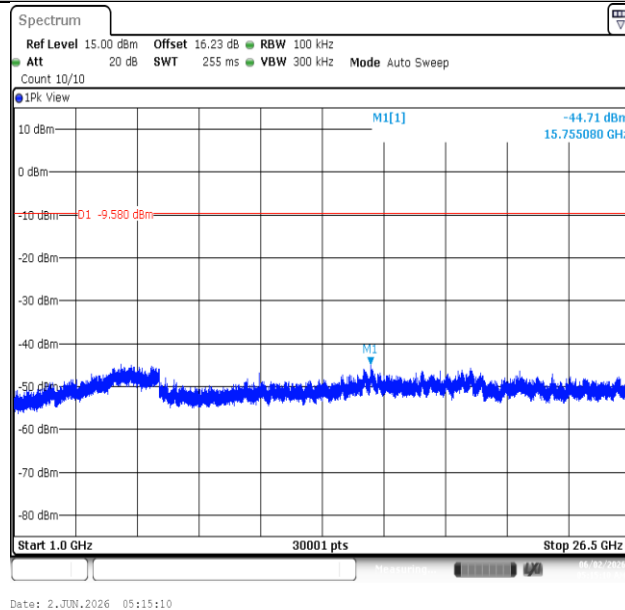
LORA_DTS_SF5-Ant1-920.43-1000~26500-PASS



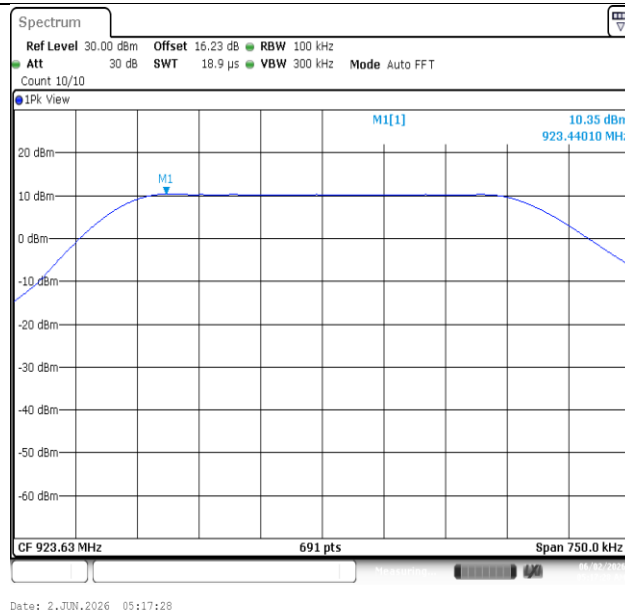
LORA_DTS_SF5-Ant1-922.03-0~Reference-PASS



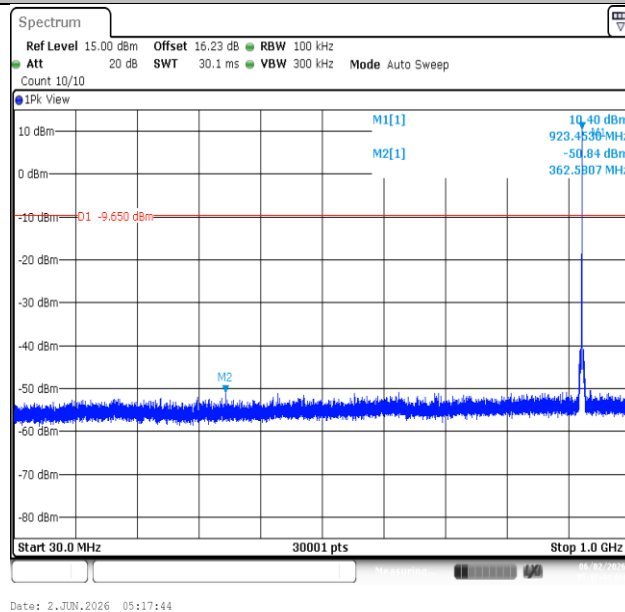
LORA_DTS_SF5-Ant1-922.03-30~1000-PASS



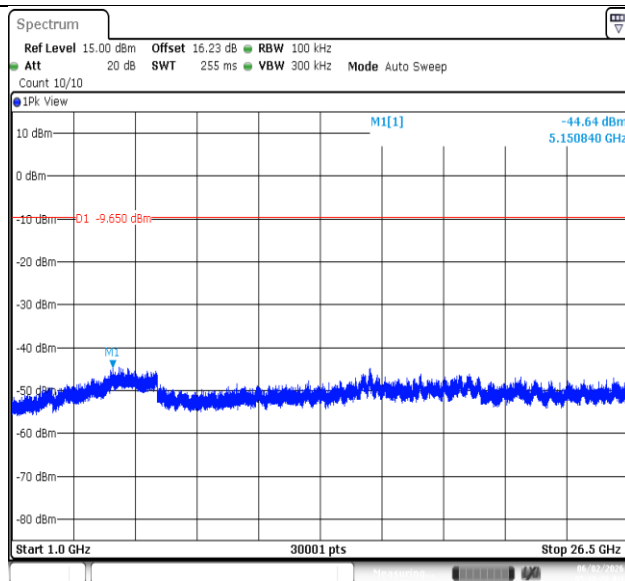
LORA_DTS_SF5-Ant1-922.03-1000~26500-PASS



LORA_DTS_SF5-Ant1-923.63-0~Reference-PASS



LORA_DTS_SF5-Ant1-923.63-30~1000-PASS



Date: 2.JUN.2026 05:18:20

LORA_DTS_SF5-Ant1-923.63-1000~26500-PASS

Appendix A.6: Test Results of Radiated Spurious Emissions

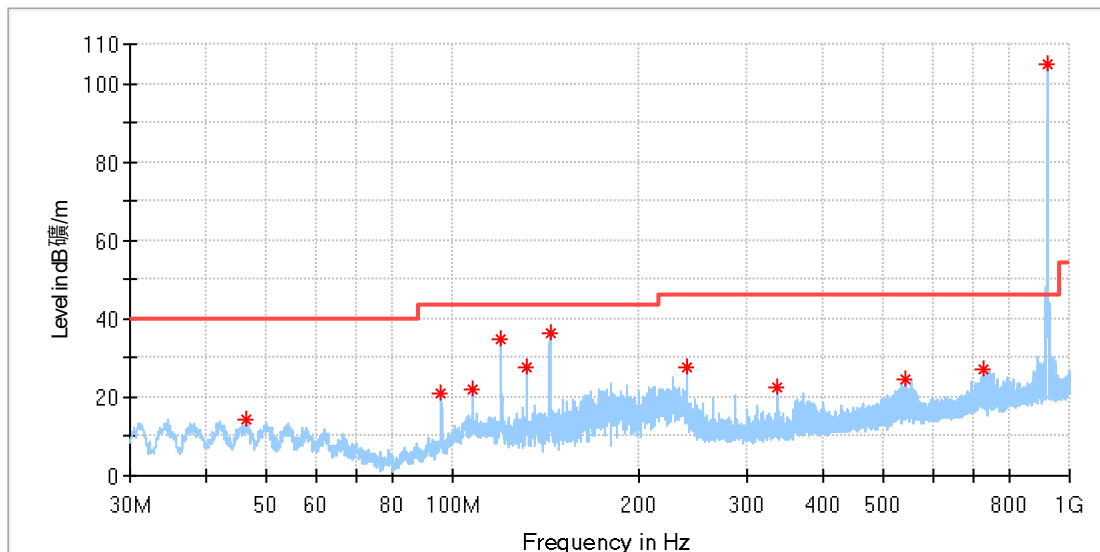
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz, so only the radiated spurious emissions from 30MHz to 10GHz were reported.
- 3) The highest waveform in the figure is Lora Fundamental.

30 MHz - 1GHz

EUT Information

EUT Name:	Lora Module
Model:	WB26-9P
Test Mode:	Lora DTS 500K_920.43MHz
Order No/Sample No:	A004260088-001
Test Voltage:	DC 3.3V From USB
Remark:	Temp 23.8°C Humi:57%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

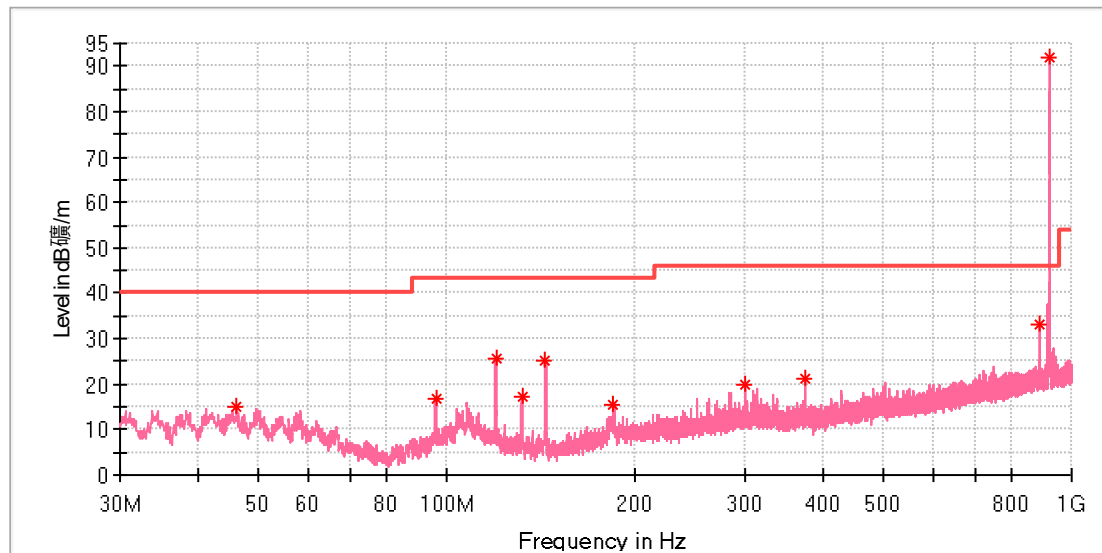


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.382222	14.18	40.00	25.82	100.0	H	32.0	-18.7
95.798333	20.73	43.50	22.77	100.0	H	220.0	-19.7
107.869444	22.16	43.50	21.34	100.0	H	25.0	-19.1
119.832778	34.75	43.50	8.75	100.0	H	200.0	-20.9
132.011667	27.74	43.50	15.76	100.0	H	226.0	-22.0
143.975000	36.18	43.50	7.32	100.0	H	65.0	-22.4
239.843333	27.88	46.00	18.12	100.0	H	160.0	-17.7
335.442222	22.58	46.00	23.42	100.0	H	154.0	-15.2
543.668889	24.32	46.00	21.68	100.0	H	240.0	-10.9
723.927222	26.93	46.00	19.07	100.0	H	71.0	-7.5
920.298333	105.04	---	---	100.0	H	232.0	-4.6

EUT Information

EUT Name: Lora Module
Model: WB26-9P
Test Mode: Lora DTS 500K_920.43MHz
Order No/Sample No: A004260088-001
Test Voltage: DC 3.3V From USB
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

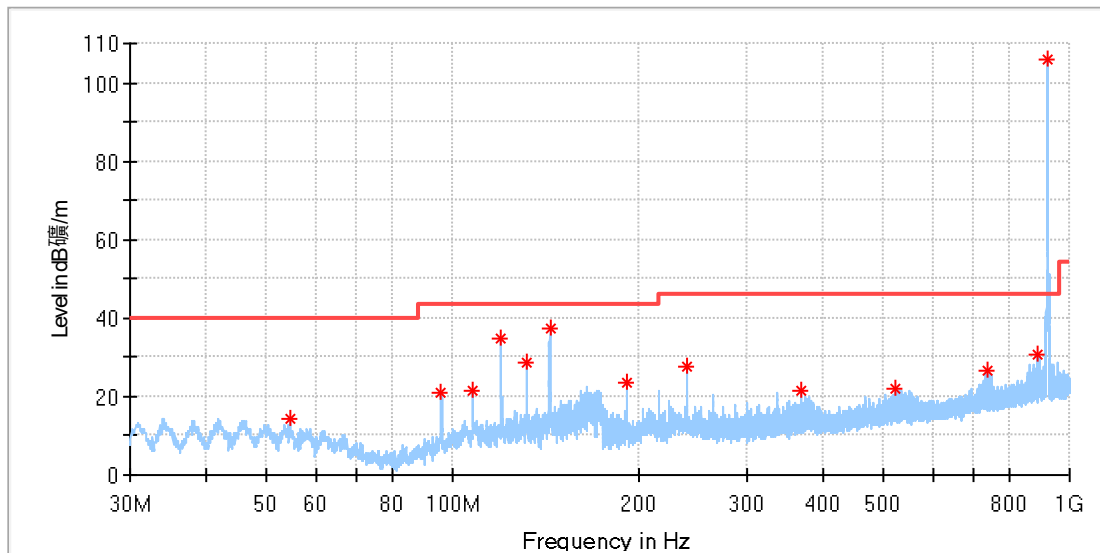
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.166667	14.96	40.00	25.04	100.0	V	275.0	-18.7
95.960000	16.86	43.50	26.64	100.0	V	159.0	-19.7
119.886667	25.48	43.50	18.02	100.0	V	146.0	-20.9
131.850000	17.16	43.50	26.34	100.0	V	308.0	-22.0
143.975000	25.02	43.50	18.48	100.0	V	126.0	-22.4
185.092222	15.26	43.50	28.24	100.0	V	126.0	-20.1
300.845556	19.70	46.00	26.30	100.0	V	194.0	-16.2
374.996667	21.20	46.00	24.80	100.0	V	194.0	-14.3
890.982778	32.94	46.00	13.06	100.0	V	181.0	-4.9
920.675556	92.03	---	---	100.0	V	335.0	-4.6

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Lora Module
Model: WB26-9P
Test Mode: Lora DTS 500K_922.03MHz
Order No/Sample No: A004260088-001
Test Voltage: DC 3.3V From USB
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

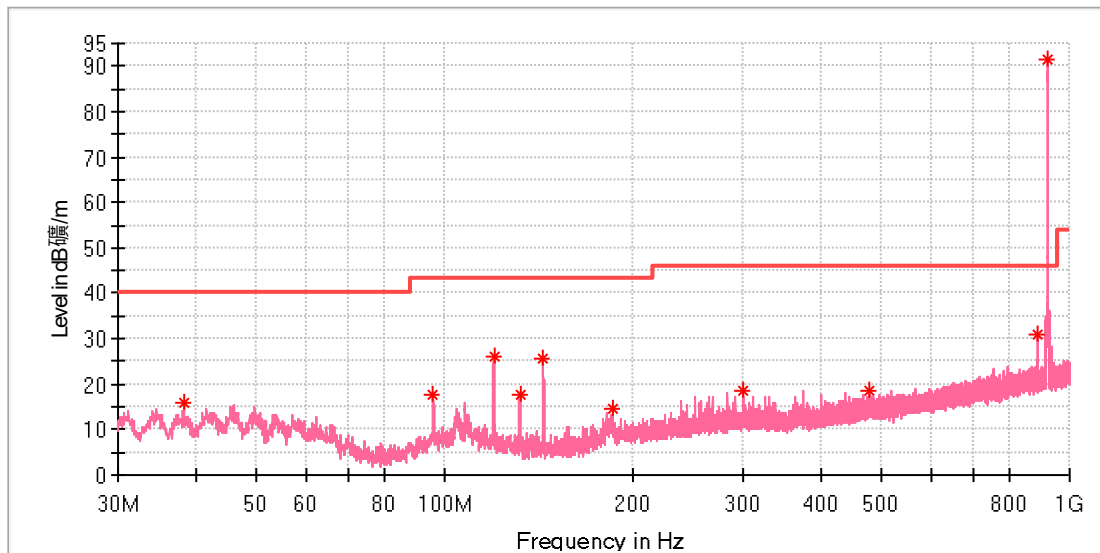
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.519444	14.37	40.00	25.63	100.0	H	160.0	-18.5
95.906111	20.79	43.50	22.71	100.0	H	208.0	-19.7
107.923333	21.54	43.50	21.96	100.0	H	31.0	-19.1
119.832778	34.59	43.50	8.91	100.0	H	31.0	-20.9
131.903889	28.66	43.50	14.84	100.0	H	208.0	-22.0
143.813333	37.25	43.50	6.25	100.0	H	208.0	-22.4
191.666667	23.32	43.50	20.18	100.0	H	160.0	-19.5
239.789444	27.54	46.00	18.46	100.0	H	170.0	-17.7
368.206667	21.25	46.00	24.75	100.0	H	234.0	-14.5
523.460556	22.00	46.00	24.00	100.0	H	0.0	-11.4
735.297778	26.84	46.00	19.16	100.0	H	93.0	-7.3
889.851111	30.68	46.00	15.32	100.0	H	266.0	-4.9
921.861111	105.78	---	---	100.0	H	266.0	-4.6

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Lora Module
Model: WB26-9P
Test Mode: Lora DTS 500K_922.03MHz
Order No/Sample No: A004260088-001
Test Voltage: DC 3.3V From USB
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

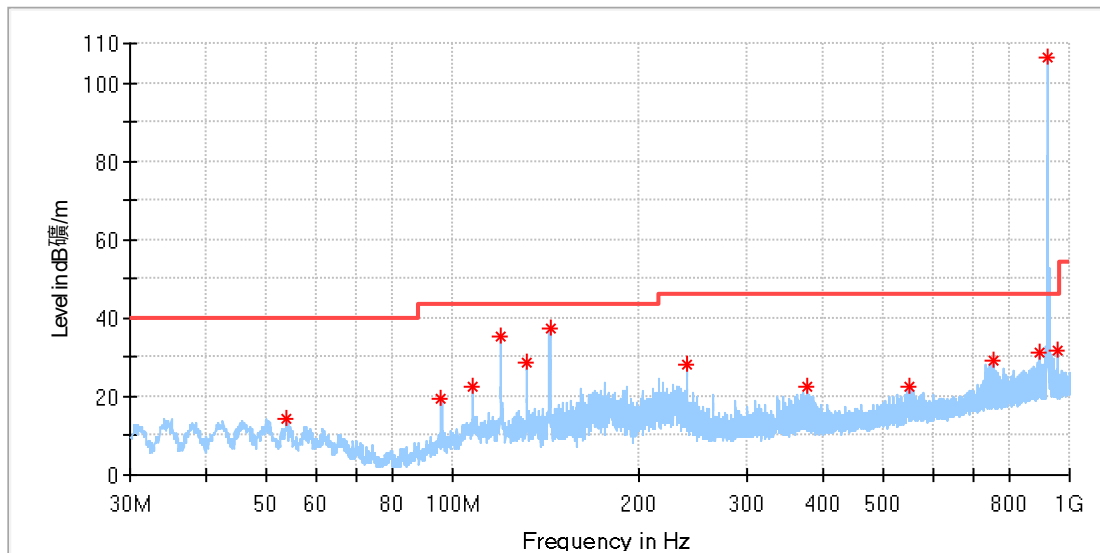
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.191111	15.72	40.00	24.28	100.0	V	220.0	-20.7
95.798333	17.78	43.50	25.72	100.0	V	158.0	-19.7
119.778889	26.03	43.50	17.47	100.0	V	145.0	-20.8
131.850000	17.51	43.50	25.99	100.0	V	145.0	-22.0
143.867222	25.78	43.50	17.72	100.0	V	321.0	-22.4
185.523333	14.51	43.50	28.99	100.0	V	220.0	-20.1
300.468333	18.77	46.00	27.23	100.0	V	185.0	-16.3
479.433333	18.41	46.00	27.59	100.0	V	42.0	-12.2
890.982778	30.86	46.00	15.14	100.0	V	225.0	-4.9
922.130556	91.64	---	---	100.0	V	314.0	-4.6

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Lora Module
Model: WB26-9P
Test Mode: Lora DTS 500K_923.63MHz
Order No/Sample No: A004260088-001
Test Voltage: DC 3.3V From USB
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

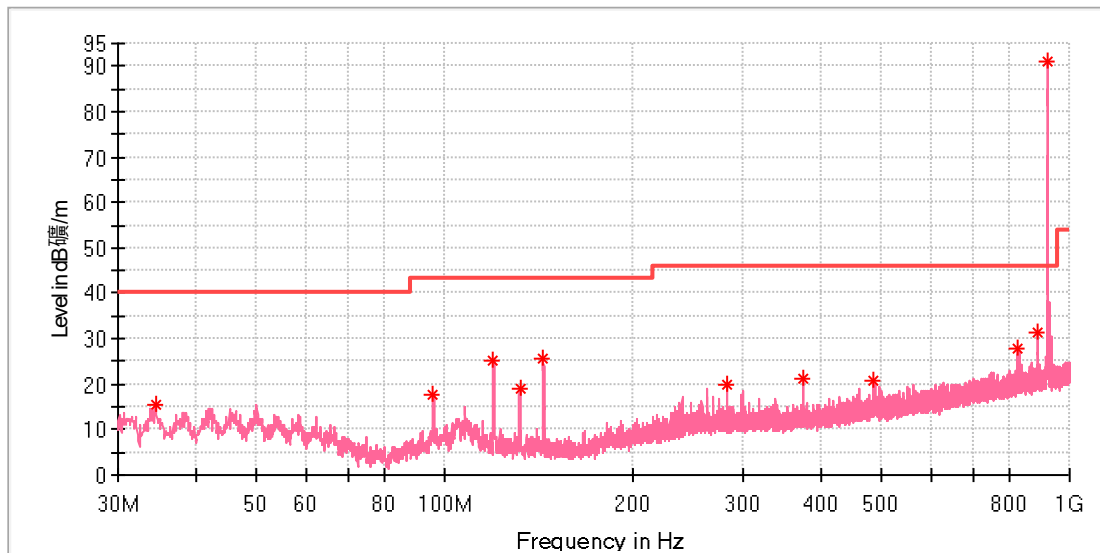
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.711111	14.54	40.00	25.46	100.0	H	341.0	-18.5
95.852222	19.39	43.50	24.11	100.0	H	220.0	-19.7
107.869444	22.34	43.50	21.16	100.0	H	33.0	-19.1
119.725000	35.51	43.50	7.99	100.0	H	208.0	-20.8
131.796111	28.75	43.50	14.75	100.0	H	208.0	-22.0
143.813333	37.12	43.50	6.38	100.0	H	200.0	-22.4
239.789444	27.93	46.00	18.07	100.0	H	187.0	-17.7
376.613333	22.57	46.00	23.43	100.0	H	239.0	-14.3
551.267222	22.69	46.00	23.31	100.0	H	120.0	-10.8
752.380556	29.06	46.00	16.94	100.0	H	232.0	-7.0
891.575556	31.40	46.00	14.60	100.0	H	293.0	-4.9
923.531667	106.55	---	---	100.0	H	293.0	-4.6
955.541667	31.65	46.00	14.35	100.0	H	266.0	-4.2

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: Lora Module
Model: WB26-9P
Test Mode: Lora DTS 500K_923.63MHz
Order No/Sample No: A004260088-001
Test Voltage: DC 3.3V From USB
Remark: Temp 23.8°C Humi:57%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.418889	15.29	40.00	24.71	100.0	V	120.0	-22.2
95.906111	17.60	43.50	25.90	100.0	V	120.0	-19.7
119.725000	25.19	43.50	18.31	100.0	V	166.0	-20.8
131.850000	18.95	43.50	24.55	100.0	V	140.0	-22.0
143.705556	25.84	43.50	17.66	100.0	V	326.0	-22.4
283.385556	19.91	46.00	26.09	100.0	V	152.0	-16.6
374.996667	21.33	46.00	24.67	100.0	V	93.0	-14.3
485.792222	20.82	46.00	25.18	100.0	V	220.0	-12.1
827.986667	27.92	46.00	18.08	100.0	V	152.0	-5.6
890.982778	31.47	46.00	14.53	100.0	V	173.0	-4.9
923.477778	91.02	---	---	100.0	V	0.0	-4.6

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	---	---	---	---	---		---	

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

