FCC Radio Test Report

FCC ID	:	**2BOYO-SRC-10**
Equipment	:	**Wireless Rolling Shutter Controller**
Brand Name	:	**SKS**
Model Name	:	**SRC-10-1**
Applicant	:	**TAIWAN SHIN KONG SECURITY CO.,LTD No. 128, Xing'ai Rd., Neihu Dist., Taipei City 114508, Taiwan**
Manufacturer	:	**TAIWAN SHIN KONG SECURITY CO.,LTD No. 128, Xing'ai Rd., Neihu Dist., Taipei City 114508, Taiwan**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Mar. 09, 2026, and testing was started from Mar. 14, 2026 and completed on Mar. 29, 2026. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR620621AF	01	Initial issue of report	Apr. 21, 2026
FR620621AF	02	Revise typo This report is the latest version replacing for the report issued on Apr. 21, 2026	Apr. 21, 2026

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	20dB Bandwidth	PASS	-
3.2	15.247(a)	Carrier Frequency Separation	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(a)	Number of Hopping Frequencies and Hopping Bandedge	PASS	-
3.6	15.247(a)	Time of Occupancy (Dwell Time)	PASS	-
3.7	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.8	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
None

Reviewed by: Ryan Hsiao
Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Modulation	Ch. Frequency (MHz)	Channel Number
902-928 MHz	LoRa (125kHz)	902.3-914.9	64
902-928 MHz	LoRa (500kHz)	923.3-927.5	8

Band	Mode	BWch (MHz)	Nant
902-928MHz	LoRa (125kHz)	0.2	1TX
902-928MHz	LoRa (500kHz)	0.5	1TX

Note:
- 902-928 MHz Band uses as a hybrid system using DTS & FHSS.
- LoRa (125kHz) uses FHSS.
- LoRa (500kHz) uses DTS.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support	Gain (dBi)
1	1	JESONcom	5Q004U	Dipole	I-Pex	Lora	2.39

For LoRa function:
For LoRa mode (1TX/1RX)
Ant. 1 (port 1) could transmit/receive.

1.1.3 Type of EUT

Operational Condition		
EUT Power Type	From Adapter	
Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Test Signal Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
LoRa (125kHz)	0.543	2.65	627.5m	10
LoRa (500kHz)	0.238	6.23	157.188m	10

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 558074 D01 v05r02
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Lego Lin	17.5~19.2°C / 57~61%	27/Mar/2026
RF Conducted	TH07-HY	Raven Chien	23.4~23.9°C / 52~55%	21/Mar/2026~29/Mar/2026
☒ **Wenhua 3rd. (TAF: 3785)**	**ADD:** No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH24-HY	Jack Tang	17.2~21.2°C / 53~62%	14/Mar/2026~26/Mar/2026

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	3.44 dB	Confidence levels of 95%
Conducted Output Power	1.48 dB	Confidence levels of 95%
Bandwidth	0.05 MHz	Confidence levels of 95%
Conducted Emission	1.48 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted-DTS	Abbreviation	Remark
TX-DTS	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	Tera Term Version 4.76

Mode	Power Setting
LoRa (500kHz)	-
923.3MHz	22
927.5MHz	12
LoRa (125kHz)	-
902.3MHz	22
908.7MHz	22
914.9MHz	22

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	RF Output Power, 20dB Bandwidth, Carrier Frequency Separation (ChS) Number of Hopping Frequencies (N), Hopping Bandedge Time of Occupancy (Dwell Time) Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
	☒ Non-adaptive frequency hopping systems (Non-AFH) ☐ adaptive frequency hopping systems (AFH)

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT			V

2.4 Accessories

Accessories				
AC Adapter (TAIWAN Plug)	Brand Name	SUNUN	Model Name	SA182V-050300U
	Manufacturer	Dongguan Sunun Power Co., Ltd		
	Power Rating	I/P: 100 - 240Vac, 0.4 A, O/P: 5 Vdc,3A		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		

Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

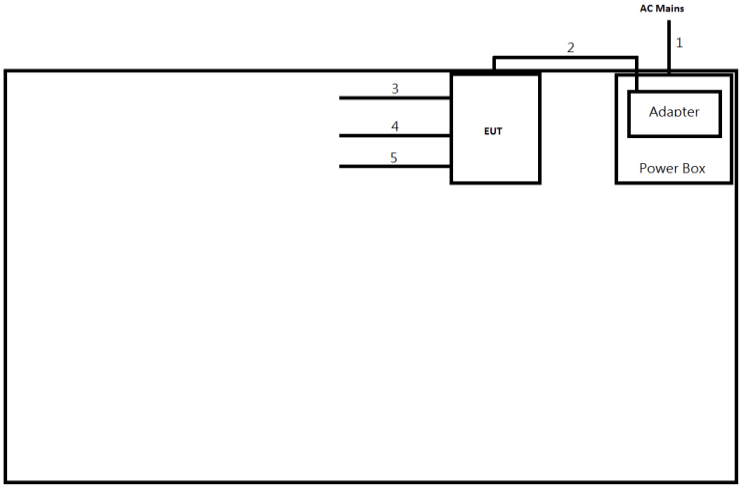
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	USB Fixture with Adapter	SUNUN	SA182V-050300U	-	Provided by Customer
2	Test Fixture	Xinwei	CH340G/T	-	Provided by Customer

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Test Fixture	Xinwei	CH340G/T	-	Provided by Customer
4	USB Fixture with Adapter	SUNUN	SA182V-050300U	-	Provided by Customer

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	USB Fixture with Adapter	SUNUN	SA182V-050300U	-	Provided by Customer
2	Test Fixture	Xinwei	CH340G/T	-	Provided by Customer

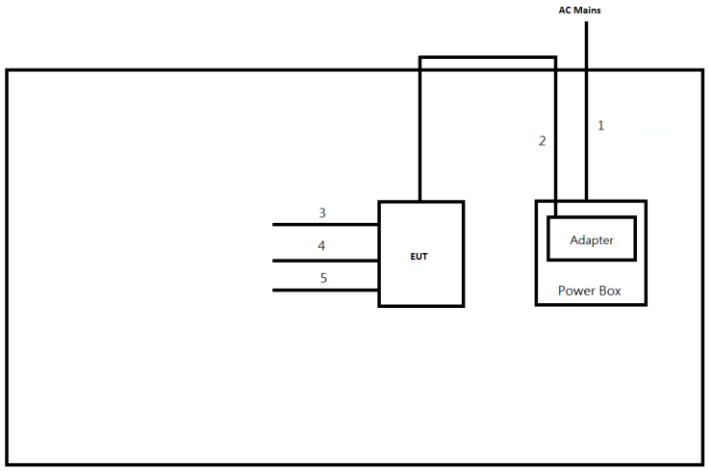
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-
3	Control Cable	No	0.3	-
4	Control Cable	No	0.3	-
5	Control Cable	No	0.3	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-
3	Control Cable	No	0.3	-
4	Control Cable	No	0.3	-
5	Control Cable	No	0.3	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

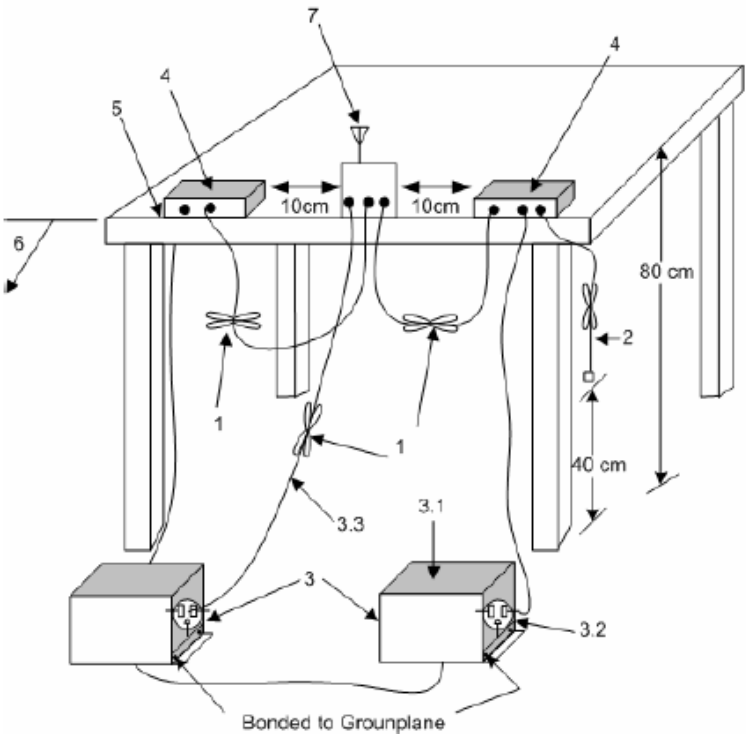
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 20dB Bandwidth and Carrier Frequency Separation

3.2.1 20dB Bandwidth and Carrier Frequency Separation Limit

20dB Bandwidth and Carrier Frequency Separation Limit for Frequency Hopping Systems
▪ 902-928 MHz Band:
N:Number of Hopping Frequencies; **ChS**: Hopping Channel Separation

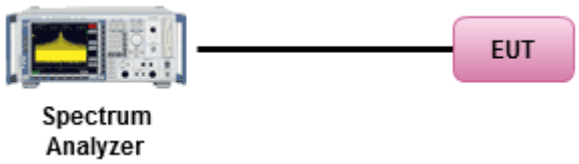
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10, clause 6.9.2 for 20 dB bandwidth measurement.
☒ Refer as ANSI C63.10, clause 7.8.2 for carrier frequency separation measurement.

3.2.4 Test Setup

20dB Bandwidth and Carrier Frequency Separation


3.2.5 Test Result of 20dB Bandwidth

Refer as Appendix B

3.2.6 Test Result of Carrier Frequency Separation

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
▪ 902-928 MHz Band:	
	▪ N ≥50 and hybrid system; Power 30dBm; EIRP 36dBm
	▪ 50 >N≥ 25; Power 24dBm; EIRP 30dBm
N:Number of Hopping Frequencies	

3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
	☐ Refer as KDB 558074, clause 8.3.1.2 integrated band power method.
	☒ Refer as KDB 558074, clause 8.3.1.3 (11.9.1.2 of ANSI C63.10) peak power meter.
▪ Maximum Average Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
	☒ Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD)≤8 dBm/3kHz

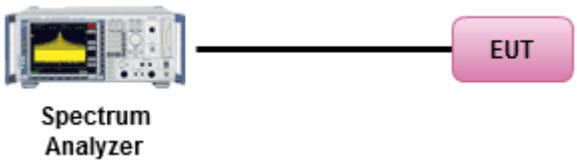
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Number of Hopping Frequencies and Hopping Bandedge

3.5.1 Number of Hopping Frequencies Limit

Number of Hopping Frequencies Limit
▪ 902-928 MHz Band:
▪ ChS ≥ MAX (20 dB bandwidth, 25 kHz); 20 dB bandwidth≤ 250 kHz.
▪ ChS ≥ MAX (20 dB bandwidth, 25 kHz); 20 dB bandwidth>250 kHz.
Note : **1. ChS** : Hopping Channel Separation **2.** There is no minimum number of hopping channels associated with this type of hybrid system.

3.5.2 Hopping Bandedge Limit

Refer clause 3.7.1 and clause 3.8.1

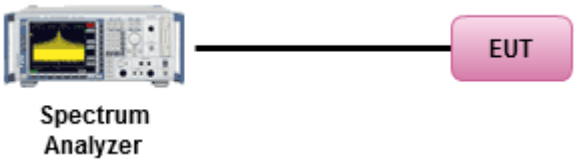
3.5.3 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.4 Test Procedures

Test Method
☒ Refer as ANSI C63.10, clause 7.8.3 for number of hopping frequencies measurement.
☒ Refer as ANSI C63.10, clause 7.8.7.2 for hopping frequencies Bandedge measurement.

3.5.5 Test Setup

Number of Hopping Frequencies


3.5.6 Test Result of Number of Hopping Frequencies

Refer as Appendix E

3.5.7 Test Result of Number of Hopping Frequencies Bandedge

Refer as Appendix E

3.6 Time of Occupancy (Dwell Time)

3.6.1 Time of Occupancy (Dwell Time) Limit

20dB Bandwidth and Carrier Frequency Separation Limit for Frequency Hopping Systems	
▪ 902-928 MHz Band:	
	▪ N ≥50; 0.4s in 20s period
	▪ 50 >N≥ 25; 0.4s in 10s period
N:Number of Hopping Frequencies	

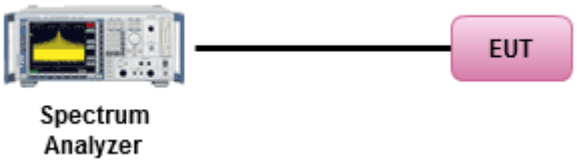
3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10, clause 7.8.4 for dwell time measurement.

3.6.4 Test Setup

Time of Occupancy (Dwell Time)
 Spectrum Analyzer

3.6.5 Test Result of Time of Occupancy (Dwell Time)

Refer as Appendix F

3.7 Emissions in Non-restricted Frequency Bands

3.7.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level.
Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.

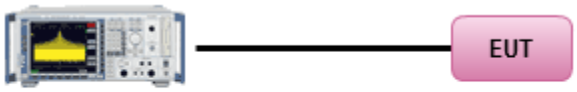
3.7.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10, clause 7.8.7 for unwanted emissions into non-restricted bands.

3.7.4 Test Setup

Emissions in Non-restricted Frequency Bands
 Spectrum Analyzer

3.7.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix G

3.8 Emissions in Restricted Frequency Bands

3.8.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.8.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

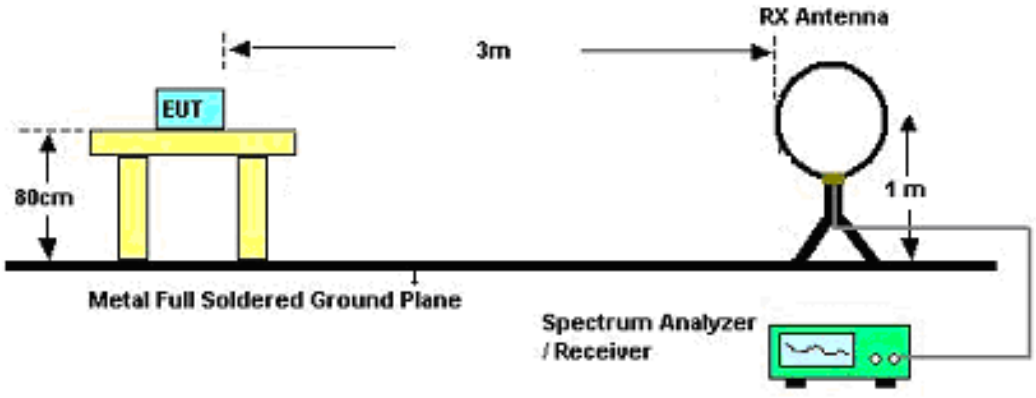
3.8.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [hopping duty factor].	
▪ Refer as ANSI C63.10; clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as ANSI C63.10, clause 4.1.5.2.1 QP value.
	▪ Refer as ANSI C63.10, clause 4.1.5.2.2 measurement procedure peak.
	▪ Refer as ANSI C63.10, clause 4.1.5.2.5 average value of hopping pulsed emissions.
▪	KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

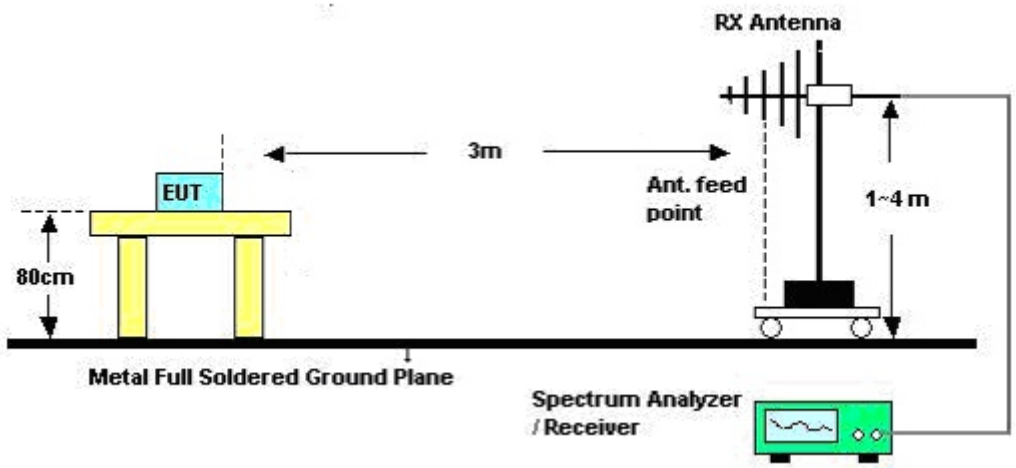
3.8.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

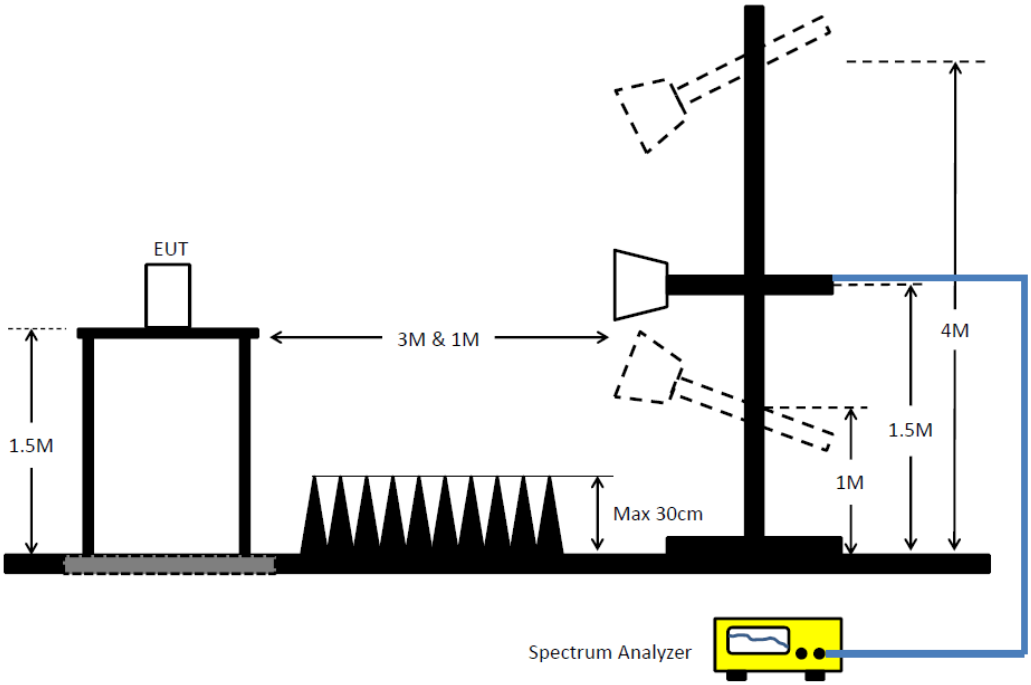
3.8.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz


30MHz~1GHz



Above 1GHz



3.8.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.8.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix H

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer/ Brand Name	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	25/Feb/2026	24/Feb/2027
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	1056	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
SENSE-EMI	Sporton	V5.11.6	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer/ Brand Name	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	15/Aug/2025	14/Aug/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	29/Jul/2025	28/Jul/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV40	101013	10Hz~44GHz	22/Apr/2025	21/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	13/Apr/2025	12/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	07/Aug/2025	06/Aug/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	08/Apr/2025	07/Apr/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026
SENSE-15247-FS	Sporton	V5.11.24	NA	NA	NA	NA

Instrument for Conducted Test

Instrument	Manufacturer/ Brand Name	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	05/Jan/2026	04/Jan/2027
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	17/Dec/2025	16/Dec/2026
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2025	16/Dec/2026
SENSE-15247_FS	Sporton	V5.11.28	N/A	N/A	N/A	N/A

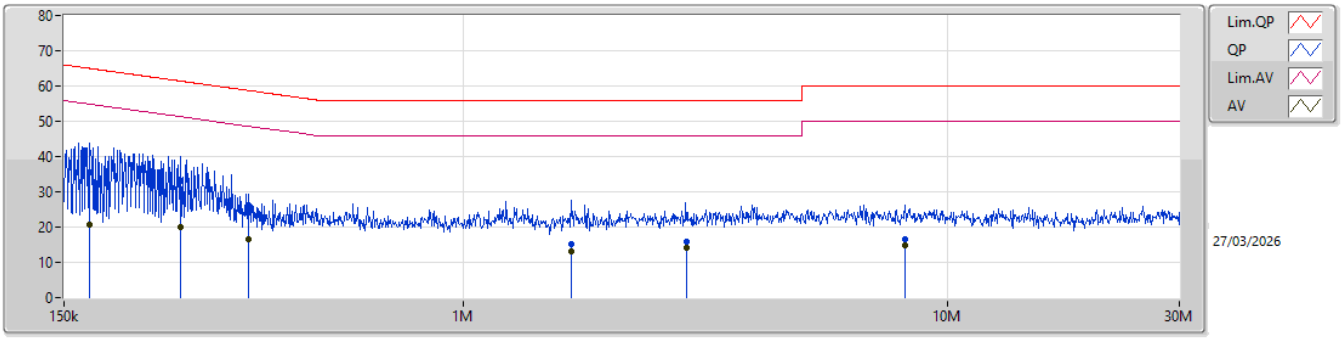
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	578.211k	22.83	46.00	-23.17	Neutral

Result

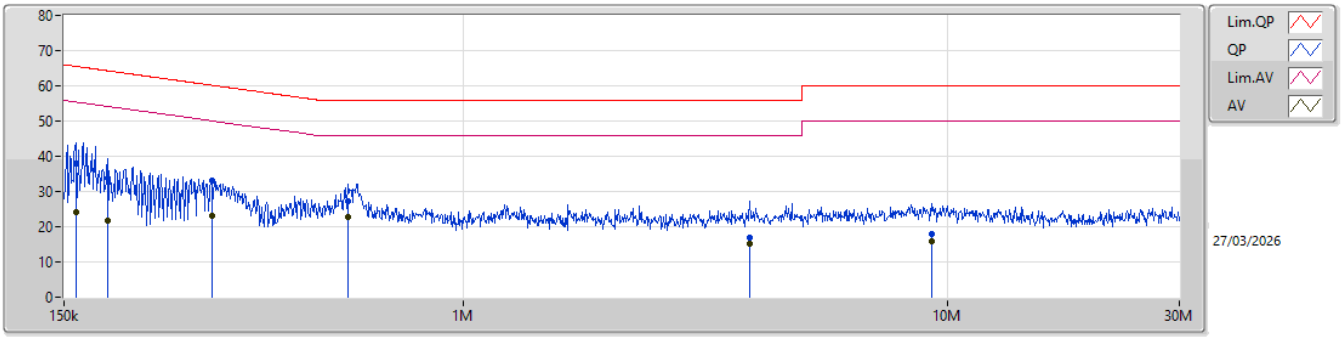
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	169.08k	35.35	65.01	-29.66	Line
Mode 1	Pass	AV	169.08k	20.57	55.01	-34.44	Line
Mode 1	Pass	QP	261.26k	33.26	61.39	-28.13	Line
Mode 1	Pass	AV	261.26k	19.95	51.39	-31.44	Line
Mode 1	Pass	QP	359.56k	26.27	58.73	-32.46	Line
Mode 1	Pass	AV	359.56k	16.49	48.73	-32.24	Line
Mode 1	Pass	QP	1.67M	15.05	56.00	-40.95	Line
Mode 1	Pass	AV	1.67M	13.23	46.00	-32.77	Line
Mode 1	Pass	QP	2.88M	15.74	56.00	-40.26	Line
Mode 1	Pass	AV	2.88M	13.97	46.00	-32.03	Line
Mode 1	Pass	QP	8.16M	16.43	60.00	-43.57	Line
Mode 1	Pass	AV	8.16M	14.99	50.00	-35.01	Line
Mode 1	Pass	QP	158.622k	38.10	65.54	-27.44	Neutral
Mode 1	Pass	AV	158.622k	24.04	55.54	-31.50	Neutral
Mode 1	Pass	QP	184.605k	33.76	64.28	-30.52	Neutral
Mode 1	Pass	AV	184.605k	21.78	54.28	-32.50	Neutral
Mode 1	Pass	QP	302.848k	33.01	60.17	-27.16	Neutral
Mode 1	Pass	AV	302.848k	22.95	50.17	-27.22	Neutral
Mode 1	Pass	QP	578.211k	27.25	56.00	-28.75	Neutral
Mode 1	Pass	AV	578.211k	22.83	46.00	-23.17	Neutral
Mode 1	Pass	QP	3.898M	17.00	56.00	-39.00	Neutral
Mode 1	Pass	AV	3.898M	15.11	46.00	-30.89	Neutral
Mode 1	Pass	QP	9.232M	17.96	60.00	-42.04	Neutral
Mode 1	Pass	AV	9.232M	15.92	50.00	-34.08	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)		(dBuV)	(dB)	(dB)	(dB)
QP	169.08k	35.35	65.01	-29.66	19.91	Line	15.44	9.64	0.15	10.12
AV	169.08k	20.57	55.01	-34.44	19.91	Line	0.66	9.64	0.15	10.12
QP	261.26k	33.26	61.39	-28.13	19.88	Line	13.38	9.64	0.12	10.12
AV	261.26k	19.95	51.39	-31.44	19.88	Line	0.07	9.64	0.12	10.12
QP	359.56k	26.27	58.73	-32.46	19.85	Line	6.42	9.63	0.10	10.12
AV	359.56k	16.49	48.73	-32.24	19.85	Line	-3.36	9.63	0.10	10.12
QP	1.67M	15.05	56.00	-40.95	19.83	Line	-4.78	9.65	0.05	10.13
AV	1.67M	13.23	46.00	-32.77	19.83	Line	-6.60	9.65	0.05	10.13
QP	2.88M	15.74	56.00	-40.26	19.88	Line	-4.14	9.66	0.09	10.13
AV	2.88M	13.97	46.00	-32.03	19.88	Line	-5.91	9.66	0.09	10.13
QP	8.16M	16.43	60.00	-43.57	20.04	Line	-3.61	9.68	0.22	10.14
AV	8.16M	14.99	50.00	-35.01	20.04	Line	-5.05	9.68	0.22	10.14

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)		(dBuV)	(dB)	(dB)	(dB)
QP	158.622k	38.10	65.54	-27.44	19.92	Neutral	18.18	9.64	0.16	10.12
AV	158.622k	24.04	55.54	-31.50	19.92	Neutral	4.12	9.64	0.16	10.12
QP	184.605k	33.76	64.28	-30.52	19.89	Neutral	13.87	9.63	0.14	10.12
AV	184.605k	21.78	54.28	-32.50	19.89	Neutral	1.89	9.63	0.14	10.12
QP	302.848k	33.01	60.17	-27.16	19.86	Neutral	13.15	9.63	0.11	10.12
AV	302.848k	22.95	50.17	-27.22	19.86	Neutral	3.09	9.63	0.11	10.12
QP	578.211k	27.25	56.00	-28.75	19.84	Neutral	7.41	9.63	0.09	10.12
AV	578.211k	22.83	46.00	-23.17	19.84	Neutral	2.99	9.63	0.09	10.12
QP	3.898M	17.00	56.00	-39.00	19.92	Neutral	-2.92	9.66	0.13	10.13
AV	3.898M	15.11	46.00	-30.89	19.92	Neutral	-4.81	9.66	0.13	10.13
QP	9.232M	17.96	60.00	-42.04	20.07	Neutral	-2.11	9.70	0.23	10.14
AV	9.232M	15.92	50.00	-34.08	20.07	Neutral	-4.15	9.70	0.23	10.14

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
902-928MHz	-	-	-	-	-
LoRa (125kHz)	144.1k	126.437k	126KF1D	141.9k	125.687k

Max-N dB = Maximum 20dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 20dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

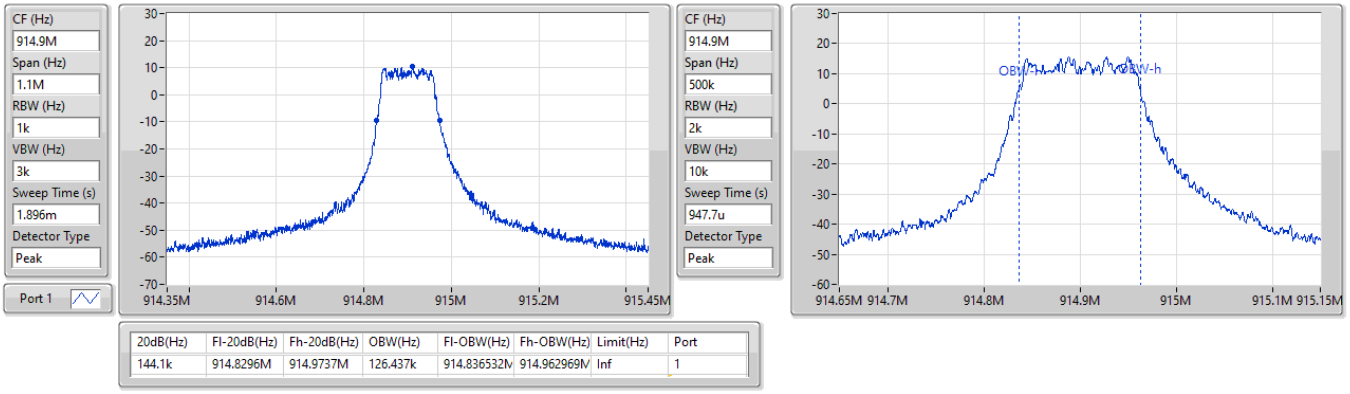
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
LoRa (125kHz)	-	-	-	-
902.3MHz	Pass	Inf	141.9k	126.437k
908.7MHz	Pass	Inf	142.45k	125.687k
914.9MHz	Pass	Inf	144.1k	126.437k

Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

902-928MHz_LoRa (125kHz) **EBW-FS**

914.9MHz

21/03/2026



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
144.1k	914.8296M	914.9737M	126.437k	914.836532M	914.962969M	Inf	1

Summary

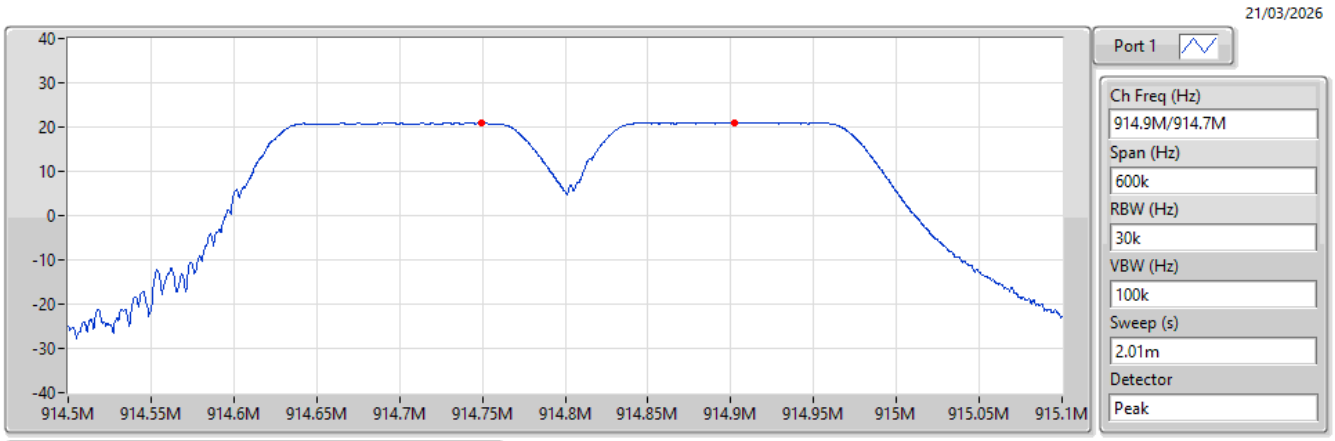
Mode	Max-Space (Hz)	Min-Space (Hz)
902-928MHz	-	-
LoRa (125kHz)	227.1k	152.7k

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
LoRa (125kHz)	-	-	-	-	-
902.3MHz	Pass	902.2698M	902.4969M	227.1k	141.9k
908.7MHz	Pass	908.6695M	908.8495M	180k	142.45k
914.9MHz	Pass	914.7499M	914.9026M	152.7k	144.1k

902-928MHz_LoRa (125kHz) Channel Separation-FS

914.9M/914.7MHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
914.7499M	914.9026M	152.7k	144.1k

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
902-928MHz	-	-	-	-	-
LoRa (500kHz)	613.75k	510.37k	510KF1D	613.125k	496.002k

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

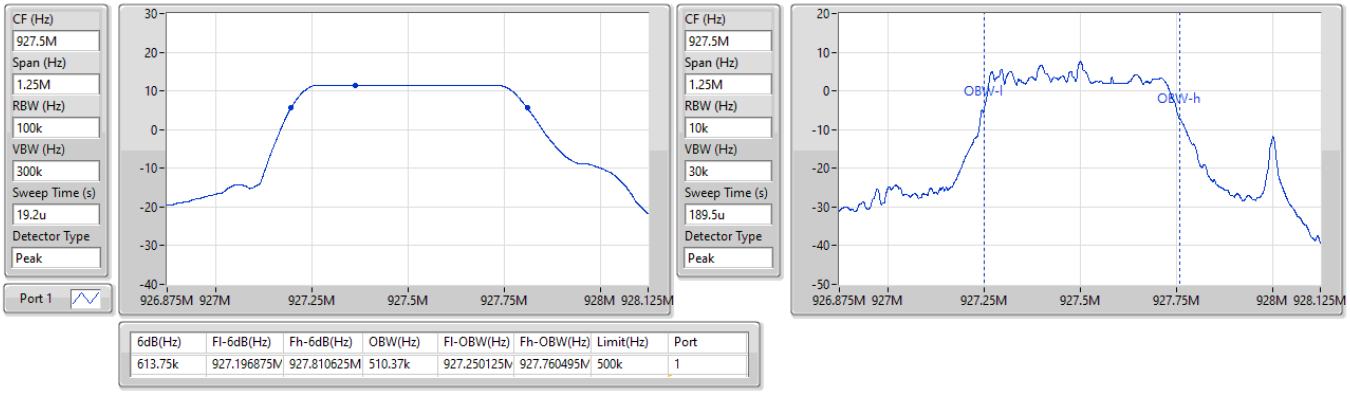
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
LoRa (500kHz)	-	-	-	-
923.3MHz	Pass	500k	613.125k	496.002k
927.5MHz	Pass	500k	613.75k	510.37k

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

902-928MHz_LoRa (500kHz) **EBW-DTS**

927.5MHz

21/03/2026



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
613.75k	927.196875M	927.810625M	510.37k	927.250125M	927.760495M	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
902-928MHz	-	-
LoRa (125kHz)	20.69	0.11722

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
LoRa (125kHz)	-	-	-	-
902.3MHz	Pass	2.39	20.25	30.00
908.7MHz	Pass	2.39	20.47	30.00
914.9MHz	Pass	2.39	20.69	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.

Summary

Mode	Total Power (dBm)	Total Power (W)
902-928MHz	-	-
LoRa (125kHz)	20.57	0.11402

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
LoRa (125kHz)	-	-	-	-
902.3MHz	Pass	2.39	20.14	30.00
908.7MHz	Pass	2.39	20.37	30.00
914.9MHz	Pass	2.39	20.57	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.

Summary

Mode	Total Power (dBm)	Total Power (W)
902-928MHz	-	-
LoRa (500kHz)	20.88	0.12246

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
LoRa (500kHz)	-	-	-	-
923.3MHz	Pass	2.39	20.88	30.00
927.5MHz	Pass	2.39	11.48	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.

Summary

Mode	Total Power (dBm)	Total Power (W)
902-928MHz	-	-
LoRa (500kHz)	20.42	0.11015

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
LoRa (500kHz)	-	-	-	-
923.3MHz	Pass	2.39	20.42	30.00
927.5MHz	Pass	2.39	11.26	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.

Summary

Mode	PD (dBm/RBW)
902-928MHz	-
LoRa (500kHz)	7.75

RBW = 3kHz;

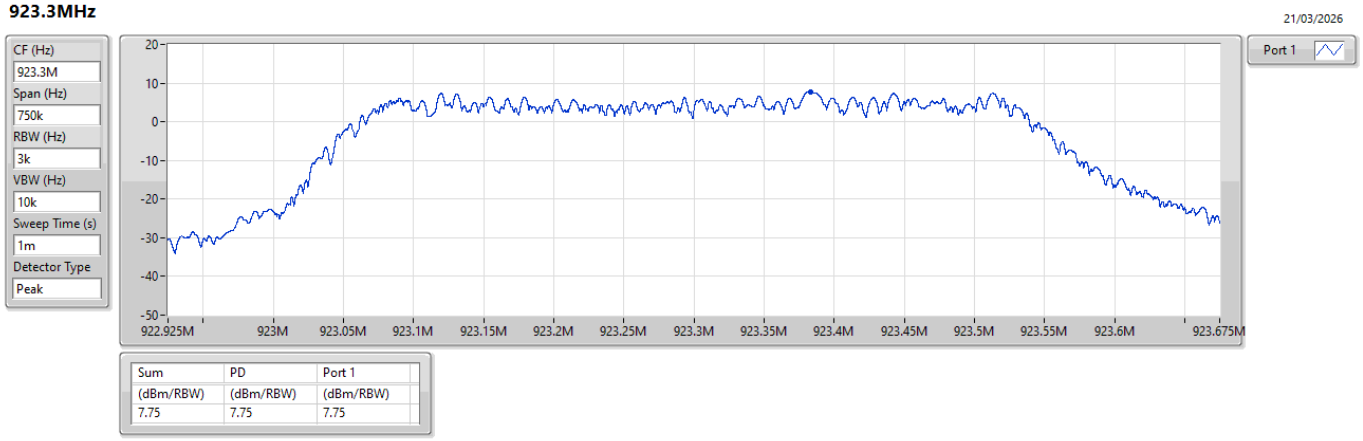
Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
LoRa (500kHz)	-	-	-	-
923.3MHz	Pass	2.39	7.75	8.00
927.5MHz	Pass	2.39	-1.00	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

902-928MHz_LoRa (500kHz) **PSD**

923.3MHz



Summary

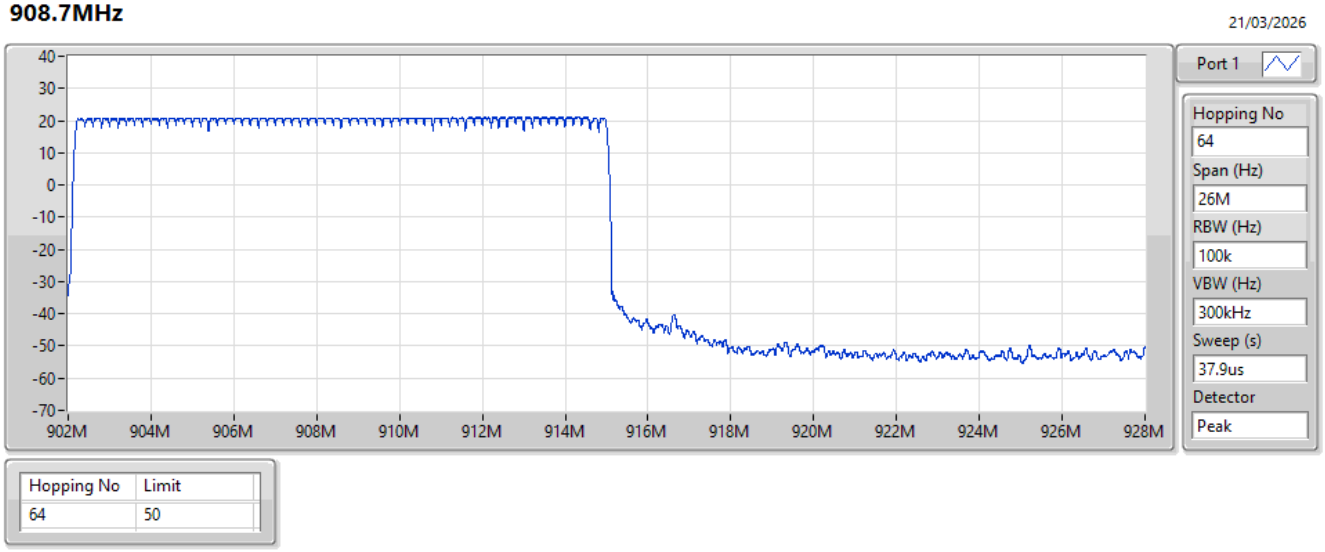
Mode 902-928MHz	Max-Hop No -
LoRa (125kHz)	64

Result

Mode LoRa (125kHz)	Result -	Hopping No -	Limit -
908.7MHz	Pass	64	50

902-928MHz_LoRa (125kHz) **Hopping-FS**

908.7MHz

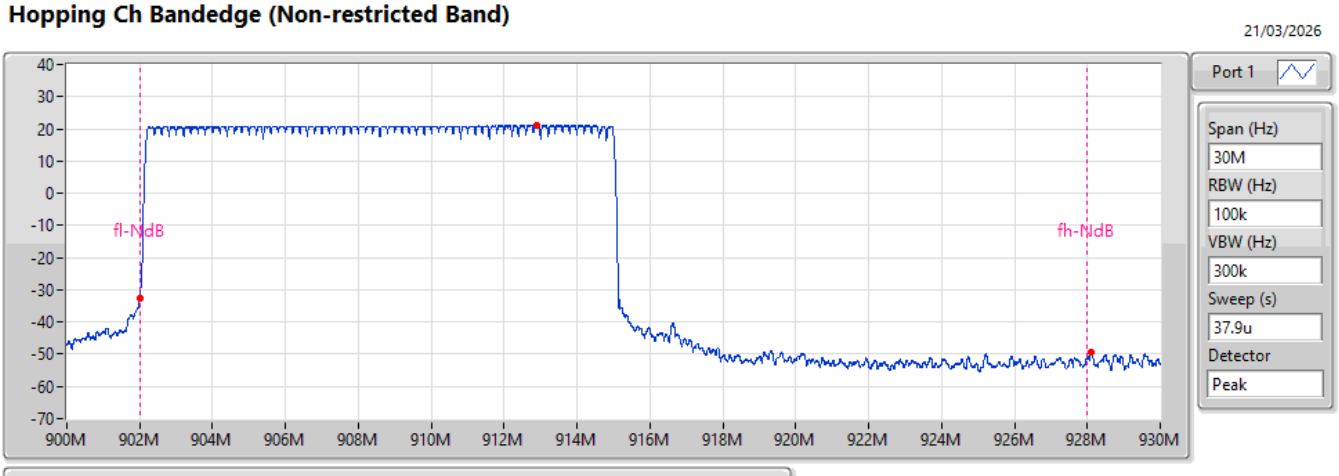


Hopping No	Limit
64	50

902-928MHz_LoRa (125kHz)

908.7MHz

Hopping Ch Bandedge (Non-restricted Band)



Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
0.95	912.88125M	20.95	901.99875M	-32.79	928.11375M	-49.34

Summary

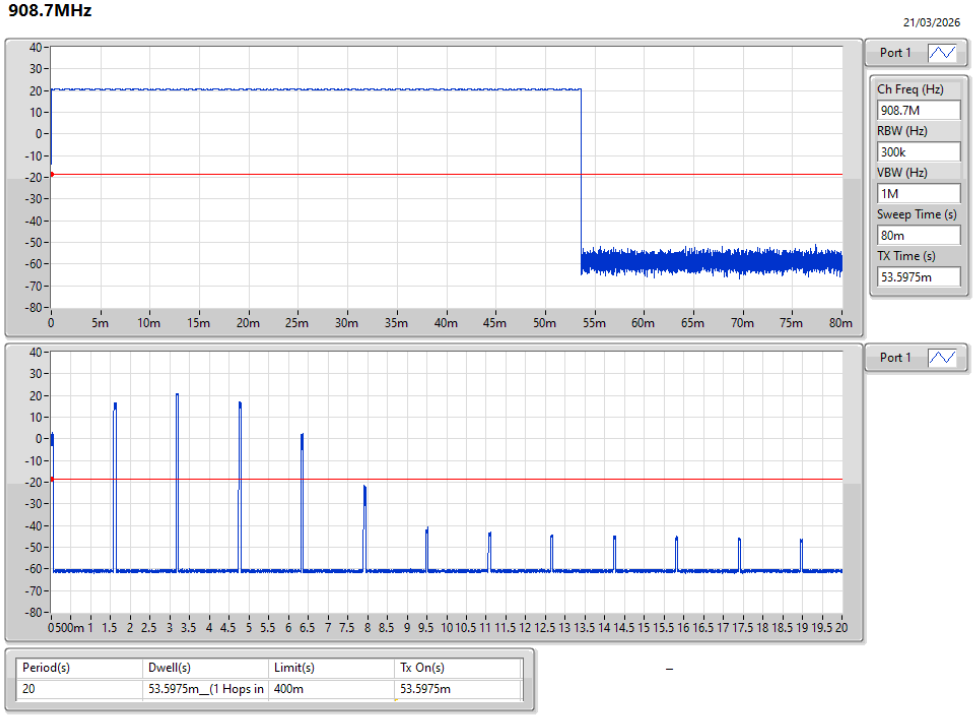
Mode	Dwell (s)
902-928MHz	**-**
LoRa (125kHz)	53.5975m

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
LoRa (125kHz)	-	-	-	-	-
908.7MHz	Pass	20	53.5975m	400m	53.5975m

902-928MHz_LoRa (125kHz) **Dwell-FS**

908.7MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
20	53.5975m__(1 Hops in	400m	53.5975m

Summary

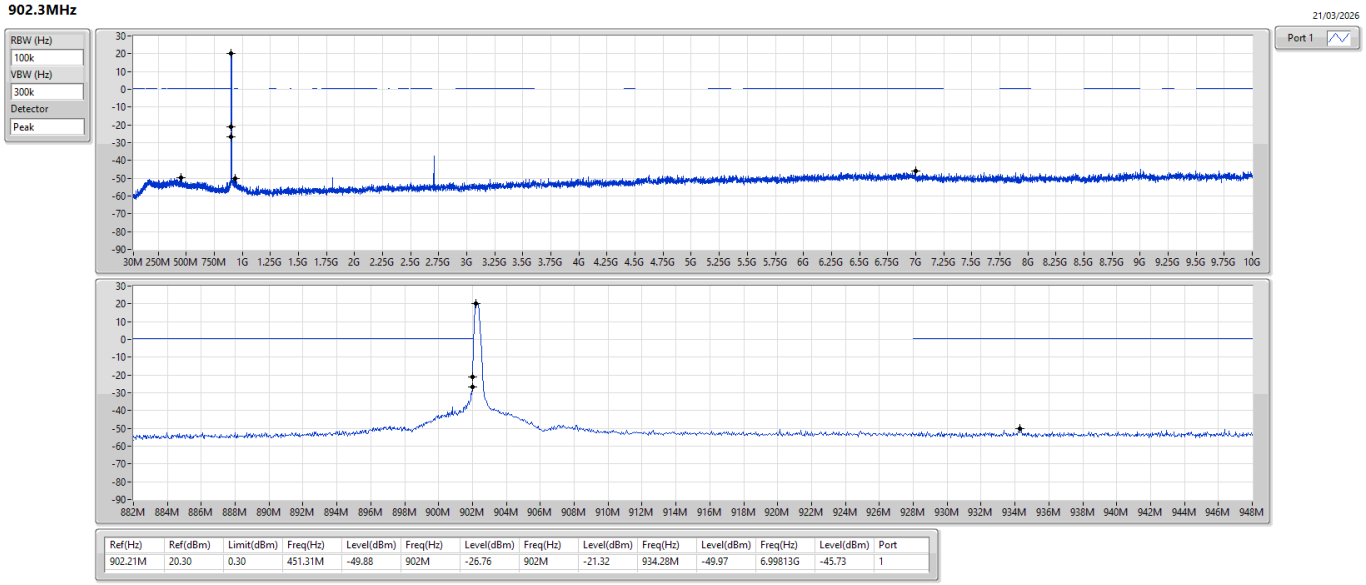
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
902-928MHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LoRa (125kHz)	Pass	902.21M	20.30	0.30	451.31M	-49.88	902M	-26.76	902M	-21.32	934.28M	-49.97	6.99813G	-45.73	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
LoRa (125kHz)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
902.3MHz	Pass	902.21M	20.30	0.30	451.31M	-49.88	902M	-26.76	902M	-21.32	934.28M	-49.97	6.99813G	-45.73	1
908.7MHz	Pass	908.66M	20.56	0.56	393.38M	-49.51	901.8M	-50.39	902M	-52.08	940.68M	-50.24	9.73297G	-46.02	1
914.9MHz	Pass	914.84M	20.79	0.79	192.73M	-49.77	882.84M	-51.14	902M	-53.15	946.92M	-50.01	6.4833G	-45.54	1

902-928MHz_LoRa (125kHz) CSENdB-FS

902.3MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
902.21M	20.30	0.30	451.31M	-49.88	902M	-26.76	902M	-21.32	934.28M	-49.97	6.99813G	-45.73	1

Summary

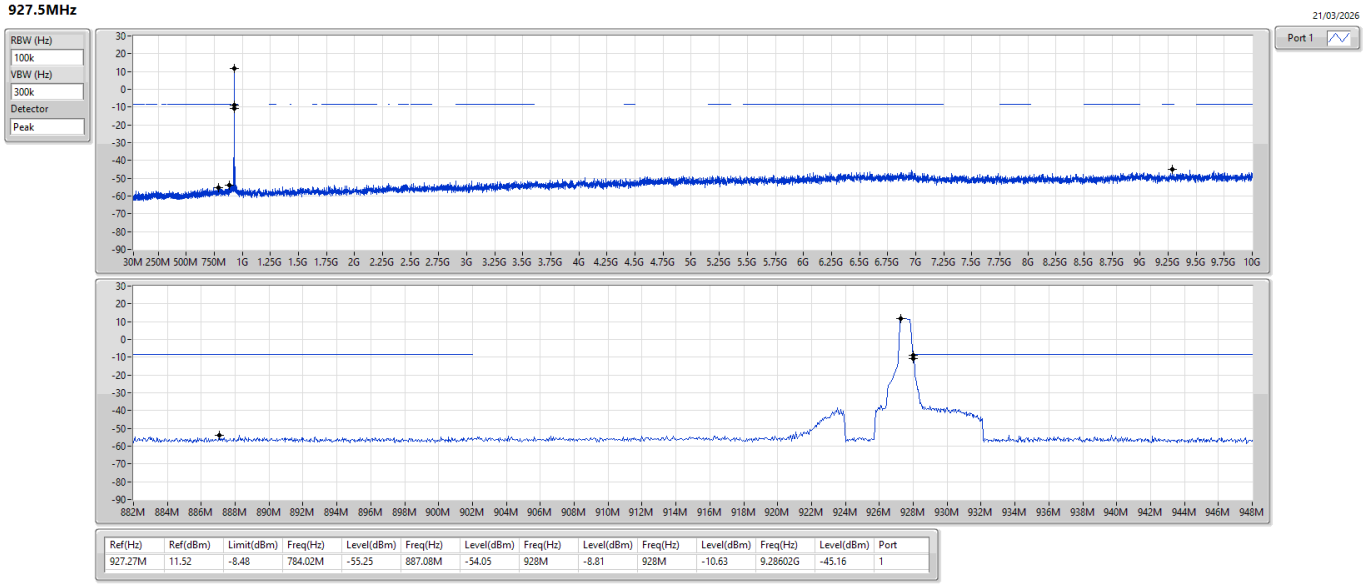
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
902-928MHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LoRa (500kHz)	Pass	927.27M	11.52	-8.48	784.02M	-55.25	887.08M	-54.05	928M	-8.81	928M	-10.63	9.28602G	-45.16	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
LoRa (500kHz)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
923.3MHz	Pass	923.06M	20.98	0.98	171.43M	-49.98	891.36M	-50.07	928M	-33.62	928.04M	-33.42	9.9819G	-45.59	1
927.5MHz	Pass	927.27M	11.52	-8.48	784.02M	-55.25	887.08M	-54.05	928M	-8.81	928M	-10.63	9.28602G	-45.16	1

902-928MHz_LoRa (500kHz) CSENdB-DTS

927.5MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
927.27M	11.52	-8.48	784.02M	-55.25	887.08M	-54.05	928M	-8.81	928M	-10.63	9.28602G	-45.16	1

Summary

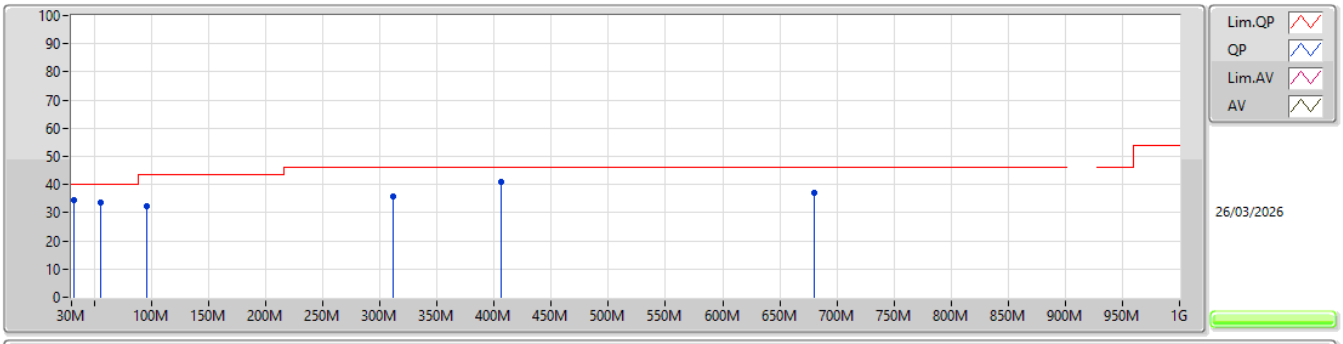
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
902-928MHz	-	-	-	-	-	-	-	-	-	-
LoRa (500kHz)	Pass	PK	313.24M	42.10	46.00	-3.90	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
LoRa (500kHz)	-	-	-	-	-	-	-	-	-	-
927.5MHz	Pass	PK	31.94M	34.66	40.00	-5.34	3	Vertical	0	1.00
927.5MHz	Pass	PK	55.22M	33.75	40.00	-6.25	3	Vertical	0	1.00
927.5MHz	Pass	PK	95.96M	32.40	43.50	-11.10	3	Vertical	0	1.00
927.5MHz	Pass	PK	311.3M	35.62	46.00	-10.38	3	Vertical	0	1.00
927.5MHz	Pass	PK	406.36M	40.81	46.00	-5.19	3	Vertical	0	1.00
927.5MHz	Pass	PK	679.9M	37.26	46.00	-8.74	3	Vertical	0	1.00
927.5MHz	Pass	PK	97.9M	33.31	43.50	-10.19	3	Horizontal	360	1.00
927.5MHz	Pass	PK	163.86M	32.08	43.50	-11.42	3	Horizontal	360	1.00
927.5MHz	Pass	PK	313.24M	42.10	46.00	-3.90	3	Horizontal	360	1.00
927.5MHz	Pass	PK	462.62M	35.80	46.00	-10.20	3	Horizontal	360	1.00
927.5MHz	Pass	PK	773.02M	34.22	46.00	-11.78	3	Horizontal	360	1.00
927.5MHz	Pass	QP	406.88M	39.42	46.00	-6.58	3	Horizontal	104	1.00

902-928MHz_LoRa (500kHz)

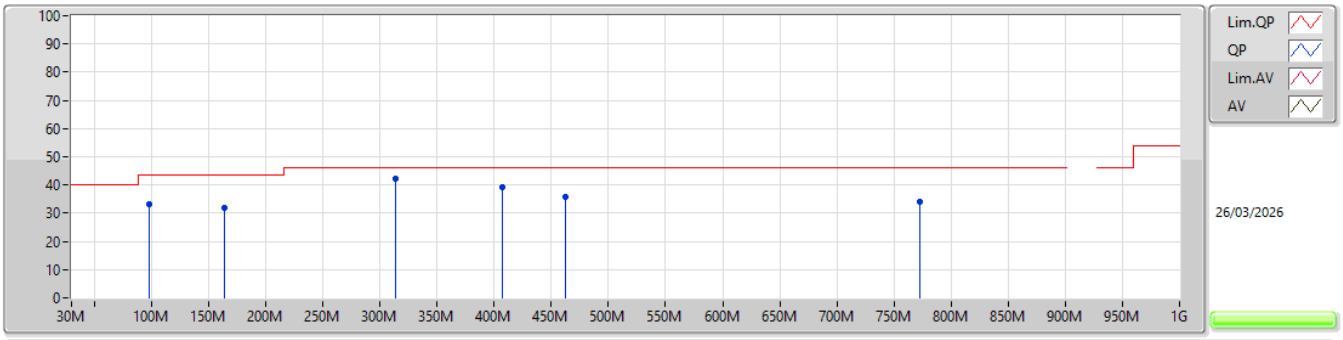
927.5MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	31.94M	34.66	40.00	-5.34	-4.96	3	Vertical	0	1.00	39.62	21.98	0.45	27.39
PK	55.22M	33.75	40.00	-6.25	-15.02	3	Vertical	0	1.00	48.77	11.65	0.66	27.33
PK	95.96M	32.40	43.50	-11.10	-11.17	3	Vertical	0	1.00	43.57	15.25	0.82	27.24
PK	311.3M	35.62	46.00	-10.38	-6.66	3	Vertical	0	1.00	42.28	18.64	1.38	26.68
PK	406.36M	40.81	46.00	-5.19	-4.84	3	Vertical	0	1.00	45.65	21.07	1.55	27.46
PK	679.9M	37.26	46.00	-8.74	-1.97	3	Vertical	0	1.00	39.23	24.22	2.01	28.20

902-928MHz_LoRa (500kHz)

927.5MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	97.9M	33.31	43.50	-10.19	-10.84	3	Horizontal	360	1.00	44.15	15.58	0.81	27.23
PK	163.86M	32.08	43.50	-11.42	-10.92	3	Horizontal	360	1.00	43.00	14.99	1.06	26.97
PK	313.24M	42.10	46.00	-3.90	-6.62	3	Horizontal	360	1.00	48.72	18.68	1.39	26.69
PK	462.62M	35.80	46.00	-10.20	-4.15	3	Horizontal	360	1.00	39.95	22.04	1.65	27.84
PK	773.02M	34.22	46.00	-11.78	-0.76	3	Horizontal	360	1.00	34.98	25.13	2.12	28.01
QP	406.88M	39.42	46.00	-6.58	-4.84	3	Horizontal	104	1.00	44.26	21.08	1.55	27.47

Summary

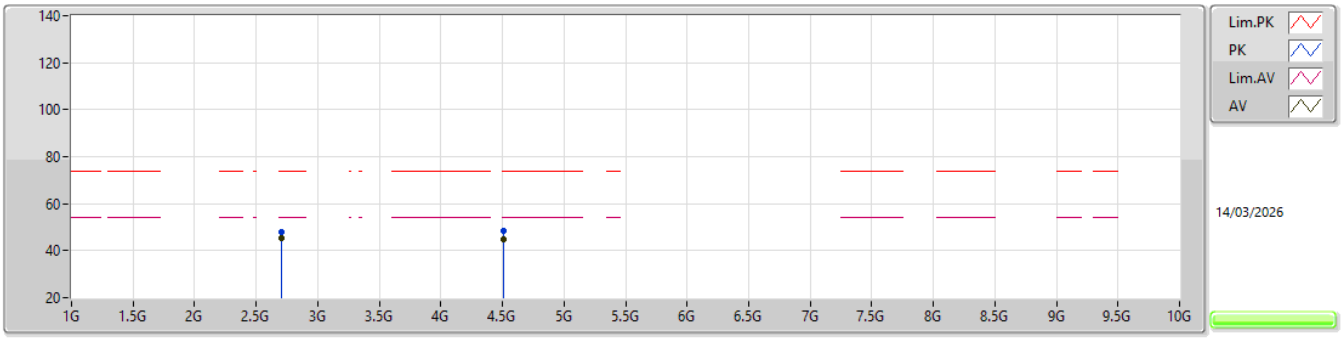
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
902-928MHz	-	-	-	-	-	-	-	-	-	-
LoRa (125kHz)	Pass	AV	2.7069G	45.28	54.00	-8.72	3	Vertical	109	2.40
LoRa (500kHz)	Pass	AV	2.78282G	43.59	54.00	-10.41	3	Vertical	100	1.28

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
LoRa (125kHz)	-	-	-	-	-	-	-	-	-	-
902.3MHz	Pass	AV	2.7069G	45.28	54.00	-8.72	3	Vertical	109	2.40
902.3MHz	Pass	AV	4.51152G	44.90	54.00	-9.10	3	Vertical	194	1.03
902.3MHz	Pass	PK	2.70676G	47.77	74.00	-26.23	3	Vertical	109	2.40
902.3MHz	Pass	PK	4.5113G	48.68	74.00	-25.32	3	Vertical	194	1.03
902.3MHz	Pass	AV	2.70693G	43.38	54.00	-10.62	3	Horizontal	164	1.50
902.3MHz	Pass	AV	4.51153G	41.52	54.00	-12.48	3	Horizontal	162	1.68
902.3MHz	Pass	PK	2.7067G	46.72	74.00	-27.28	3	Horizontal	164	1.50
902.3MHz	Pass	PK	4.51164G	46.35	74.00	-27.65	3	Horizontal	162	1.68
908.7MHz	Pass	AV	2.72611G	44.30	54.00	-9.70	3	Vertical	122	1.12
908.7MHz	Pass	AV	4.54352G	44.66	54.00	-9.34	3	Vertical	200	2.17
908.7MHz	Pass	PK	2.72612G	47.35	74.00	-26.65	3	Vertical	122	1.12
908.7MHz	Pass	PK	4.54356G	48.34	74.00	-25.66	3	Vertical	200	2.17
908.7MHz	Pass	AV	2.72611G	44.66	54.00	-9.34	3	Horizontal	167	1.59
908.7MHz	Pass	AV	4.54351G	40.64	54.00	-13.36	3	Horizontal	165	1.43
908.7MHz	Pass	PK	2.72624G	47.49	74.00	-26.51	3	Horizontal	167	1.59
908.7MHz	Pass	PK	4.5436G	46.06	74.00	-27.94	3	Horizontal	165	1.43
914.9MHz	Pass	AV	2.7447G	44.71	54.00	-9.29	3	Vertical	94	1.05
914.9MHz	Pass	AV	4.57456G	44.33	54.00	-9.67	3	Vertical	201	2.48
914.9MHz	Pass	PK	2.74468G	47.27	74.00	-26.73	3	Vertical	94	1.05
914.9MHz	Pass	PK	4.57479G	48.56	74.00	-25.44	3	Vertical	201	2.48
914.9MHz	Pass	AV	2.74474G	43.25	54.00	-10.75	3	Horizontal	168	1.68
914.9MHz	Pass	AV	4.57451G	41.93	54.00	-12.07	3	Horizontal	163	1.81
914.9MHz	Pass	PK	2.74483G	46.46	74.00	-27.54	3	Horizontal	168	1.68
914.9MHz	Pass	PK	4.57478G	47.01	74.00	-26.99	3	Horizontal	163	1.81
LoRa (500kHz)	-	-	-	-	-	-	-	-	-	-
923.3MHz	Pass	AV	2.7699G	42.49	54.00	-11.51	3	Vertical	93	1.00
923.3MHz	Pass	AV	4.61679G	34.24	54.00	-19.76	3	Vertical	205	1.42
923.3MHz	Pass	PK	2.76994G	48.72	74.00	-25.28	3	Vertical	93	1.00
923.3MHz	Pass	PK	4.61605G	46.85	74.00	-27.15	3	Vertical	205	1.42
923.3MHz	Pass	AV	2.7699G	40.22	54.00	-13.78	3	Horizontal	185	1.10
923.3MHz	Pass	AV	4.61662G	33.16	54.00	-20.84	3	Horizontal	162	1.39
923.3MHz	Pass	PK	2.77009G	47.01	74.00	-26.99	3	Horizontal	185	1.10
923.3MHz	Pass	PK	4.61638G	46.00	74.00	-28.00	3	Horizontal	162	1.39
927.5MHz	Pass	AV	2.78282G	43.59	54.00	-10.41	3	Vertical	100	1.28
927.5MHz	Pass	AV	4.63798G	33.96	54.00	-20.04	3	Vertical	204	1.52
927.5MHz	Pass	PK	2.78217G	49.80	74.00	-24.20	3	Vertical	100	1.28
927.5MHz	Pass	PK	4.6374G	46.35	74.00	-27.65	3	Vertical	204	1.52
927.5MHz	Pass	AV	2.78282G	40.47	54.00	-13.53	3	Horizontal	186	1.10
927.5MHz	Pass	AV	4.63771G	32.44	54.00	-21.56	3	Horizontal	160	1.16
927.5MHz	Pass	PK	2.78292G	47.24	74.00	-26.76	3	Horizontal	186	1.10
927.5MHz	Pass	PK	4.63775G	45.54	74.00	-28.46	3	Horizontal	160	1.16

902-928MHz_LoRa (125kHz)

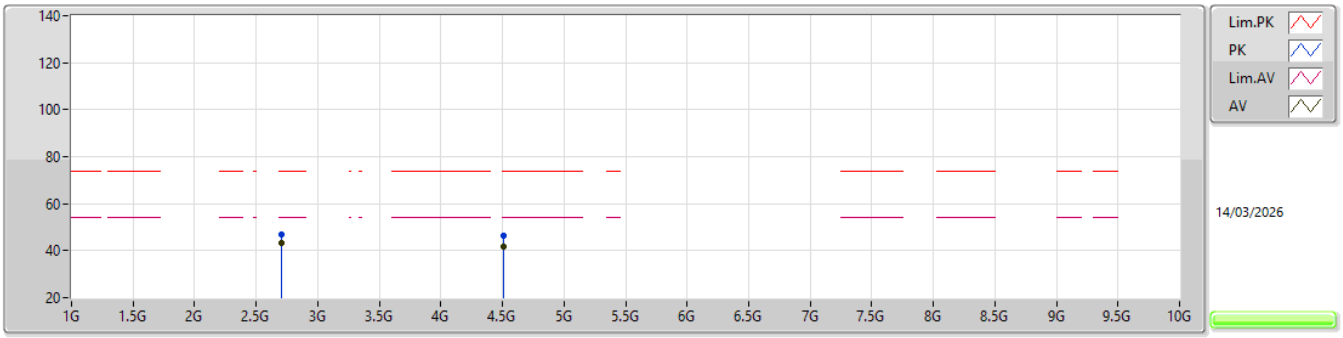
902.3MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.7069G	45.28	54.00	-8.72	-5.31	3	Vertical	109	2.40	50.59	28.27	4.21	37.79
AV	4.51152G	44.90	54.00	-9.10	-1.37	3	Vertical	194	1.03	46.27	31.62	5.39	38.38
PK	2.70676G	47.77	74.00	-26.23	-5.31	3	Vertical	109	2.40	53.08	28.27	4.21	37.79
PK	4.5113G	48.68	74.00	-25.32	-1.37	3	Vertical	194	1.03	50.05	31.62	5.39	38.38

902-928MHz_LoRa (125kHz)

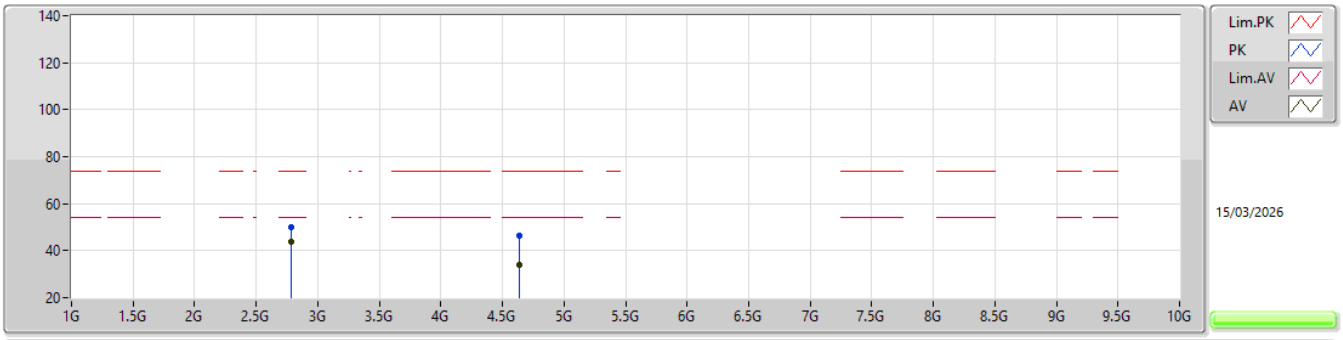
902.3MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.70693G	43.38	54.00	-10.62	-5.31	3	Horizontal	164	1.50	48.69	28.27	4.21	37.79
AV	4.51153G	41.52	54.00	-12.48	-1.37	3	Horizontal	162	1.68	42.89	31.62	5.39	38.38
PK	2.7067G	46.72	74.00	-27.28	-5.31	3	Horizontal	164	1.50	52.03	28.27	4.21	37.79
PK	4.51164G	46.35	74.00	-27.65	-1.37	3	Horizontal	162	1.68	47.72	31.62	5.39	38.38

902-928MHz_LoRa (500kHz)

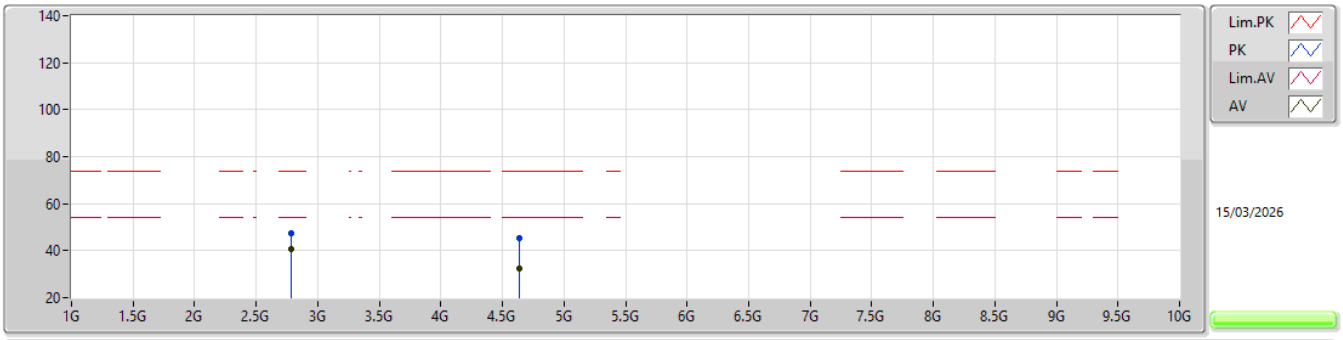
927.5MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.78282G	43.59	54.00	-10.41	-5.23	3	Vertical	100	1.28	48.82	28.30	4.31	37.84
AV	4.63798G	33.96	54.00	-20.04	-0.95	3	Vertical	204	1.52	34.91	31.88	5.47	38.30
PK	2.78217G	49.80	74.00	-24.20	-5.23	3	Vertical	100	1.28	55.03	28.30	4.31	37.84
PK	4.6374G	46.35	74.00	-27.65	-0.96	3	Vertical	204	1.52	47.31	31.87	5.47	38.30

902-928MHz_LoRa (500kHz)

927.5MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.78282G	40.47	54.00	-13.53	-5.23	3	Horizontal	186	1.10	45.70	28.30	4.31	37.84
AV	4.63771G	32.44	54.00	-21.56	-0.95	3	Horizontal	160	1.16	33.39	31.88	5.47	38.30
PK	2.78292G	47.24	74.00	-26.76	-5.23	3	Horizontal	186	1.10	52.47	28.30	4.31	37.84
PK	4.63775G	45.54	74.00	-28.46	-0.95	3	Horizontal	160	1.16	46.49	31.88	5.47	38.30