

FCC C2PC Test Report

FCC ID : KQL-1110200
Equipment : 915 MHz Wireless Module
Model No. : LT1110-200
Brand Name : Ezurio
Applicant : Ezurio LLC
Address : W66N220 Commerce Court, Cedarburg, WI
53012, USA
Standard : 47 CFR FCC Part 15.247
Received Date : May 14, 2025
Tested Date : May 16 ~ May 22, 2025

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:


Along Chen / Assistant Manager

Approved by:


Gary Chang / Manager

Table of Contents

| | | |
|---|--|-----------|
| 1 | GENERAL DESCRIPTION | 5 |
| 1.1 | Information..... | 5 |
| 1.2 | Local Support Equipment List | 7 |
| 1.3 | Test Setup Chart | 7 |
| 1.4 | The Equipment List | 8 |
| 1.5 | Test Standards | 9 |
| 1.6 | Reference Guidance | 9 |
| 1.7 | Deviation from Test Standard and Measurement Procedure..... | 9 |
| 1.8 | Measurement Uncertainty | 9 |
| 2 | TEST CONFIGURATION | 10 |
| 2.1 | Testing Facility..... | 10 |
| 2.2 | The Worst Test Modes and Channel Details | 10 |
| 3 | TRANSMITTER TEST RESULTS..... | 11 |
| 3.1 | Unwanted Emissions into Restricted Frequency Bands | 11 |
| 3.2 | Unwanted Emissions into Non-Restricted Frequency Bands | 13 |
| 3.3 | Conducted Output Power | 14 |
| 3.4 | Number of Hopping Frequency | 15 |
| 3.5 | 20dB and Occupied Bandwidth | 16 |
| 3.6 | Channel Separation..... | 17 |
| 3.7 | Number of Dwell Time | 18 |
| 3.8 | AC Power Line Conducted Emissions | 19 |
| 4 | TEST LABORATORY INFORMATION | 20 |
| | | |
| Appendix A. Unwanted Emissions into Restricted Frequency Bands | | |
| Appendix B. Unwanted Emissions into Non-Restricted Frequency Bands | | |
| Appendix C. Conducted Output Power | | |
| Appendix D. Number of Hopping Frequency | | |
| Appendix E. 20dB and Occupied Bandwidth | | |
| Appendix F. Channel Separation | | |
| Appendix G. Number of Dwell Time | | |
| Appendix H. AC Power Line Conducted Emissions | | |

Release Record

| Report No. | Version | Description | Issued Date |
|------------|---------|---------------|---------------|
| FR551403 | Rev. 01 | Initial issue | Jun. 17, 2025 |

Summary of Test Results

| FCC Rules | Test Items | Measured | Result |
|---------------------|----------------------------------|---|--------|
| 15.207 | AC Power Line Conducted Emission | [dBuV]: 0.507MHz 40.78 (Margin -15.22dB) - QP | Pass |
| 15.247(d) 15.209 | Unwanted Emissions | [dBuV/m at 3m]: 71.71MHz 36.97 (Margin -3.03dB) - PK | Pass |
| 15.247(d) | Band Edge | Meet the requirement of limit | Pass |
| 15.247(b)(2)(3) | Conducted Output Power | Power [dBm]: 23.04 | Pass |
| 15.247(a)(1)(i) | Number of Hopping Channels | Meet the requirement of limit | Pass |
| 15.247(a)(1) | Hopping Channel Separation | Meet the requirement of limit | Pass |
| 15.247(f) | Dwell Time | Meet the requirement of limit | Pass |
| 15.203 | Antenna Requirement | Meet the requirement of limit | 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:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

This is a Class II Permissive Change report (C2PC).
The modifications are concerned with following items:

- Power amplifier IC is replacing and hardware modification

1.1.1 Specification of the Equipment under Test (EUT)

| RF General Information | | | | | |
|---|-----------------|--------------|---------------------|--------------------------|-------------------------|
| Frequency Range (MHz) | Ch. Freq. (MHz) | Channel List | Data Rate (bit/sec) | Channel Separation (kHz) | Channel Bandwidth (kHz) |
| 902.4 ~ 927.6 | 902.37 ~ 927.62 | 53 channels | 230 kbps | 485.6 | 500 |
| Note 1: RF output power specifies that Maximum Peak Conducted Output Power. | | | | | |
| Note 2: The device uses FSK modulation. | | | | | |

1.1.2 Antenna Details

| Brand | Model | Part Number | Type | Connector | Gain (dBi) | Remarks |
|----------------------|---------------------------------|-----------------------|------------------------|-------------|------------|----------|
| TE | 0600-00048 | S467FL-6-Px-9 15S | Dipole | U.FL plug | 2 | Original |
| Ezurio | FlexDIPOLE | EFH8631A3S- 10MHF1 | FlexDIPOLE | MHF1 (U.FL) | 2.4 | C2PC |
| Laird | Nevco PCB Trace L Antenna | NA | PCB trace antenna | N/A | 0.9 | C2PC |
| Pulse Electronics | W3113 | W3113 | Helical SMD-Antenna | N/A | 0.8 | C2PC |

1.1.3 Power Supply Type of Equipment under Test (EUT)

| | |
|-------------------|------------------|
| Power Supply Type | 3.3Vdc from host |
|-------------------|------------------|

1.1.4 Accessories

N/A

1.1.5 Channel List

| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| 0 | 902.37 | 14 | 909.17 | 28 | 915.97 | 42 | 922.77 |
| 1 | 902.86 | 15 | 909.66 | 29 | 916.45 | 43 | 923.25 |
| 2 | 903.34 | 16 | 910.14 | 30 | 916.94 | 44 | 923.74 |
| 3 | 903.83 | 17 | 910.63 | 31 | 917.43 | 45 | 924.22 |
| 4 | 904.31 | 18 | 911.11 | 32 | 917.91 | 46 | 924.71 |
| 5 | 904.80 | 19 | 911.60 | 33 | 918.40 | 47 | 925.20 |
| 6 | 905.29 | 20 | 912.08 | 34 | 918.88 | 48 | 925.68 |
| 7 | 905.77 | 21 | 912.57 | 35 | 919.37 | 49 | 926.17 |
| 8 | 906.26 | 22 | 913.06 | 36 | 919.85 | 50 | 926.65 |
| 9 | 906.74 | 23 | 913.54 | 37 | 920.34 | 51 | 927.14 |
| 10 | 907.23 | 24 | 914.03 | 38 | 920.82 | 52 | 927.62 |
| 11 | 907.71 | 25 | 914.51 | 39 | 921.31 | - | - |
| 12 | 908.20 | 26 | 915.00 | 40 | 921.80 | - | - |
| 13 | 908.68 | 27 | 915.48 | 41 | 922.28 | - | - |

1.1.6 Test Tool and Duty Cycle

| Test Tool | Laird Technologies Config, version: 6.1.0.0 | |
|-----------------|---|------------------|
| Modulation Mode | Duty Cycle (%) | Duty Factor (dB) |
| FSK | 60.87 | 2.16 |

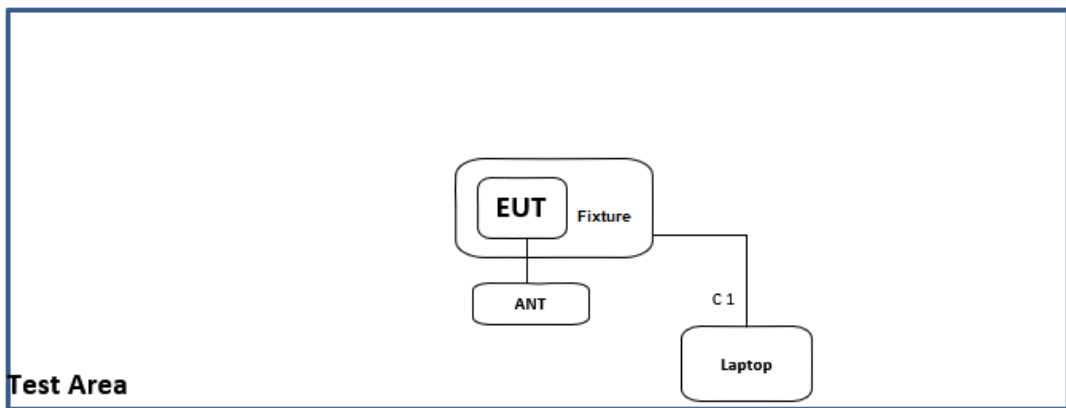
1.1.7 Power Index of Test Tool

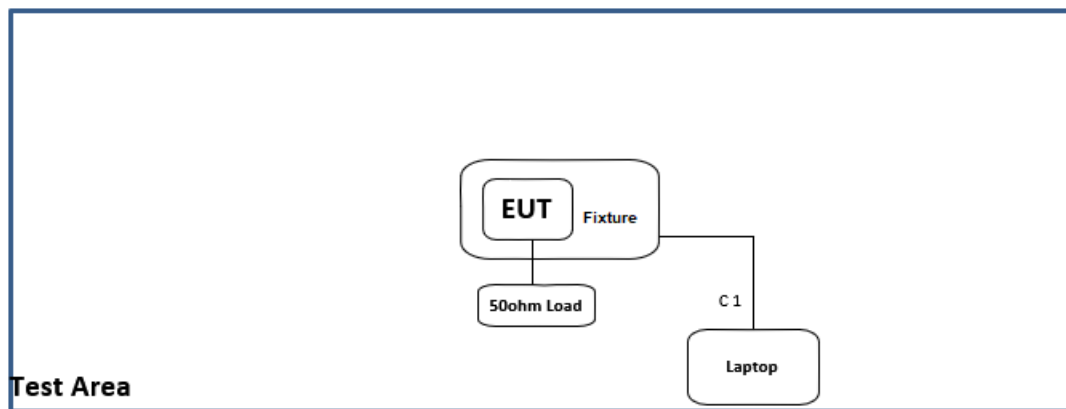
| Test Frequency (MHz) | Power Index |
|----------------------|-------------|
| 902.37 | 0x00 |
| 915 | 0x00 |
| 927.62 | 0x00 |

1.2 Local Support Equipment List

| Support Equipment List | | | | | |
|------------------------|-------------|-------|----------------|--------|------------------------|
| No. | Equipment | Brand | Model | FCC ID | Remarks |
| 1 | Laptop | DELL | Latitude E5470 | DoC | --- |
| 2 | Fixture | --- | --- | --- | Provided by applicant. |
| 3 | 50 ohm load | woken | WTER-18S2 | --- | --- |

1.3 Test Setup Chart

| Test Setup Diagram – Conducted Emission | |
|---|---------------------------|
|  | |
| No. | Signal cable / Length (m) |
| 1 | USB, 1m shielded. |

| Test Setup Diagram – Radiated Emission | |
|--|---------------------------|
|  | |
| No. | Signal cable / Length (m) |
| 1 | USB, 1m shielded. |

1.4 The Equipment List

| | | | | | |
|---|-------------------------------|--------------------------|-------------------|-------------------------|--------------------------|
| Test Item | Conducted Emission | | | | |
| Test Site | Conduction room 1 / (CO01-WS) | | | | |
| Tested Date | May 22, 2025 | | | | |
| Instrument | Brand | Model No. | Serial No. | Calibration Date | Calibration Until |
| Receiver | R&S | ESR3 | 101658 | Feb. 25, 2025 | Feb. 24, 2026 |
| LISN | R&S | ENV216 | 101579 | May 07, 2025 | May 06, 2026 |
| LISN (Support Unit) | SCHWARZBECK | Schwarzbeck 8127 | 8127-666 | Mar. 21, 2025 | Mar. 20, 2026 |
| RF Cable-CON | EMC | EMCCFD300-BM-B M-6000 | 50821 | Oct. 09, 2024 | Oct. 08, 2025 |
| 50 ohm terminal | NA | 50 | 01 | Jun. 19, 2024 | Jun. 18, 2025 |
| Measurement Software | AUDIX | e3 | 6.120210g | NA | NA |
| Note: Calibration Interval of instruments listed above is one year. | | | | | |

| | | | | | |
|---|----------------------------|---------------------------|-------------------|-------------------------|--------------------------|
| Test Item | Radiated Emission | | | | |
| Test Site | 966 chamber1 / (03CH01-WS) | | | | |
| Tested Date | May 19, 2025 | | | | |
| Instrument | Brand | Model No. | Serial No. | Calibration Date | Calibration Until |
| Receiver | R&S | ESR3 | 101657 | Mar. 11, 2025 | Mar. 10, 2026 |
| Spectrum Analyzer | R&S | FSV40 | 101498 | Nov. 12, 2024 | Nov. 11, 2025 |
| Loop Antenna | R&S | HFH2-Z2 | 100330 | Nov. 05, 2024 | Nov. 04, 2025 |
| Bilog Antenna | SCHWARZBECK | VULB9168 | VULB9168-522 | Aug. 09, 2024 | Aug. 08, 2025 |
| Horn Antenna 1G-18G | SCHWARZBECK | BBHA 9120 D | BBHA 9120 D 1096 | Nov. 28, 2024 | Nov. 27, 2025 |
| Horn Antenna 18G-40G | SCHWARZBECK | BBHA 9170 | BBHA 9170517 | Nov. 18, 2024 | Nov. 17, 2025 |
| Preamplifier | EMC | EMC02325 | 980225 | Jun. 17, 2024 | Jun. 16, 2025 |
| Preamplifier | EMC | EMC118A45SE | 980898 | Jul. 05, 2024 | Jul. 04, 2025 |
| Preamplifier | EMC | EMC184045SE | 980903 | Jul. 30, 2024 | Jul. 29, 2025 |
| Loop Antenna Cable | KOAX KABEL | 101354-BW | 101354-BW | Oct. 02, 2024 | Oct. 01, 2025 |
| LF cable 3M | Woken | CFD400NL-LW | CFD400NL-001 | Oct. 02, 2024 | Oct. 01, 2025 |
| LF cable 11M | EMC | EMCCFD400-NW-N W-11000 | 200801 | Oct. 02, 2024 | Oct. 01, 2025 |
| LF cable 1M | EMC | EMCCFD400-NM-N M-1000 | 160502 | Oct. 02, 2024 | Oct. 01, 2025 |
| RF Cable | EMC | EMC104-35M-35M- 8000 | 210920 | Oct. 02, 2024 | Oct. 01, 2025 |
| RF Cable | EMC | EMC104-35M-35M- 3000 | 210922 | Oct. 02, 2024 | Oct. 01, 2025 |
| Attenuator | Pasternack | PE7005-10 | 10-1 | Oct. 02, 2024 | Oct. 01, 2025 |
| HIGHPASS FILTER 1.5-15G | WHK | WHK1.5/15G-10ST | 21 | Oct. 02, 2024 | Oct. 01, 2025 |
| Measurement Software | Sporton | SENSE-EMI | V5.11 | NA | NA |
| Measurement Software | Sporton | SENSE-15247_FS | V5.11 | NA | NA |
| Note: Calibration Interval of instruments listed above is one year. | | | | | |

| | | | | | |
|---|--------------|------------------|-------------------|-------------------------|--------------------------|
| Test Item | RF Conducted | | | | |
| Test Site | (TH01-WS) | | | | |
| Tested Date | May 16, 2025 | | | | |
| Instrument | Brand | Model No. | Serial No. | Calibration Date | Calibration Until |
| Spectrum Analyzer | R&S | FSV3044 | 101516 | Nov. 12, 2024 | Nov. 11, 2025 |
| Power Meter | Anritsu | ML2495A | 1241002 | Nov. 26, 2024 | Nov. 25, 2025 |
| Power Sensor | Anritsu | MA2411B | 1207366 | Nov. 26, 2024 | Nov. 25, 2025 |
| Attenuator | Pasternack | PE7005-20 | 20-1 | Oct. 04, 2024 | Oct. 03, 2025 |
| HIGHPASS FILTER 1.5-15G | WHK | WHK1.5/15G-10ST | 21 | Oct. 02, 2024 | Oct. 01, 2025 |
| Measurement Software | Sporton | SENSE-15247_FS | V5.11 | NA | NA |
| Note: Calibration Interval of instruments listed above is one year. | | | | | |

1.5 Test Standards

47 CFR FCC Part 15.247
ANSI C63.10-2013

1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

| Measurement Uncertainty | |
|--------------------------------|-----------------|
| Parameters | Uncertainty |
| Bandwidth | ± 34.130 Hz |
| Conducted power | ± 0.808 dB |
| Power density | ± 0.583 dB |
| Unwanted Emission ≤ 1 GHz | ± 3.41 dB |
| Unwanted Emission > 1 GHz | ± 4.59 dB |

2 Test Configuration

2.1 Testing Facility

| | |
|-----------------------------|--|
| Test Laboratory | International Certification Corporation |
| Test Site | CO01-WS, 03CH01-WS, TH01-WS |
| Address of Test Site | No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.) |

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

| Test item | Channel Bandwidth (kHz) | Test Frequency (MHz) | Test Configuration |
|--|-------------------------|-----------------------|--------------------|
| AC Power Line Conducted Emission Unwanted Emissions Conducted Output Power Hopping Channel Separation 20dB and Occupied bandwidth Power Spectral Density | 500 | 902.37 / 915 / 927.62 | -- |
| Number of Hopping Channels | 500 | 902.37 ~ 927.62 | -- |
| Dwell Time | 500 | 902.37 | -- |
| NOTE: 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Z-plane results were found as the worst case and were shown in this report. 2. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement. | | | |

3 Transmitter Test Results

3.1 Unwanted Emissions into Restricted Frequency Bands

3.1.1 Limit of Unwanted Emissions into Restricted Frequency Bands

| 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:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.1.2 Test Procedures

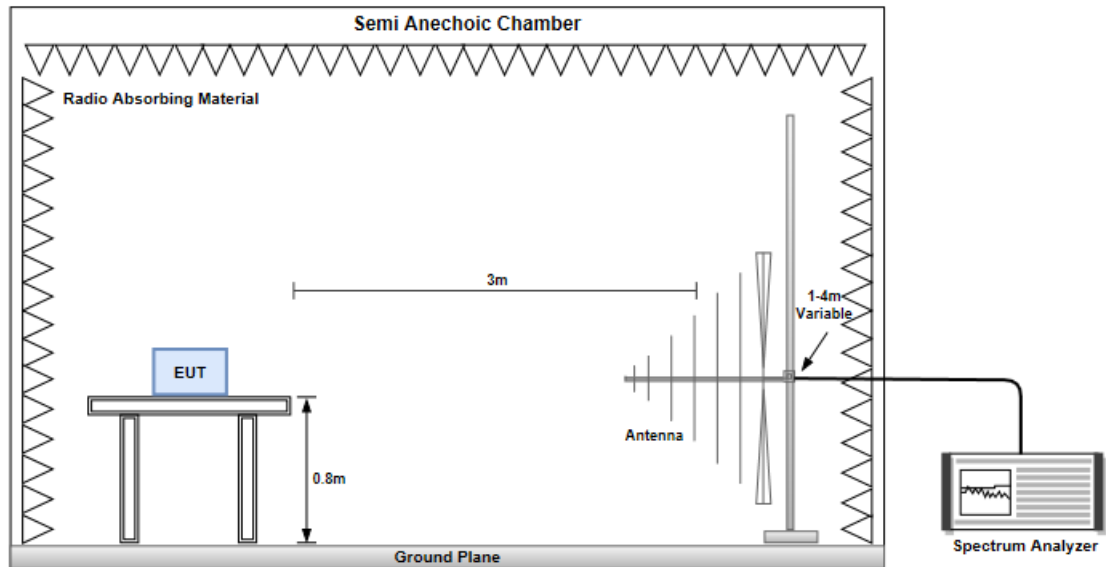
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

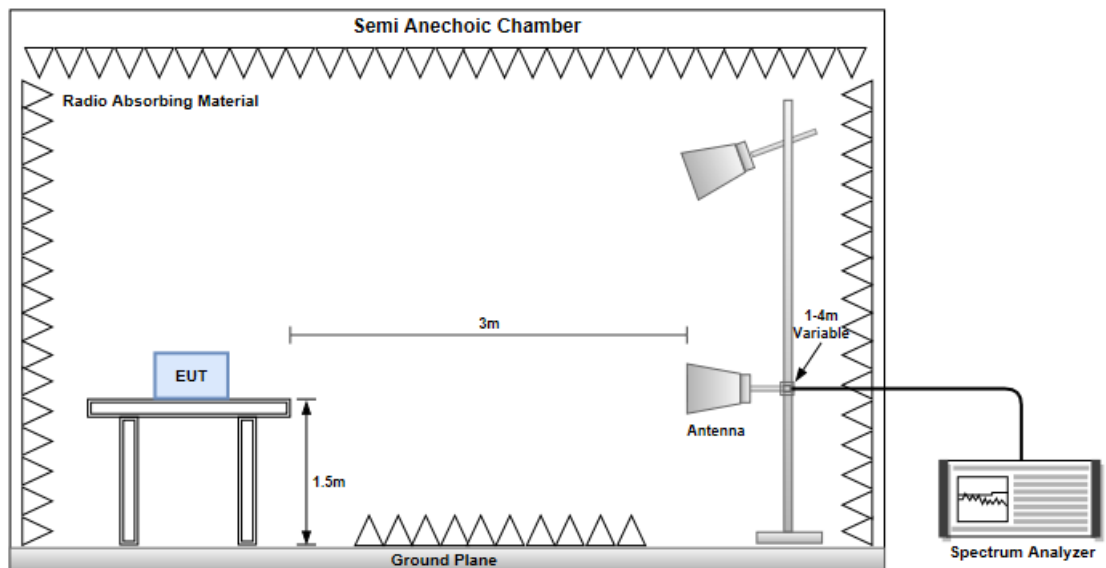
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.1.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.1.4 Test Results

| | | | |
|-------------------|------------|-----------|-----------|
| Ambient Condition | 27°C / 63% | Tested By | Allen Lee |
|-------------------|------------|-----------|-----------|

Refer to Appendix A.

3.2 Unwanted Emissions into Non-Restricted Frequency Bands

3.2.1 Limit of Unwanted Emissions into Non-Restricted Frequency Bands

The peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.2.2 Test Procedures

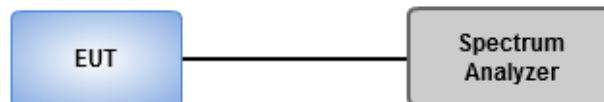
Reference Level Measurement

1. Set the RBW = 100 kHz, VBW = 300 kHz, Detector = peak.
2. Set Sweep time = auto couple, Trace mode = max hold.
3. Allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

Unwanted Emissions Level Measurement

1. Set RBW = 100 kHz, VBW = 300 kHz, Detector = peak.
2. Trace Mode = max hold, Sweep = auto couple.
3. Allow the trace to stabilize.
4. Use peak marker function to determine maximum amplitude of all unwanted emissions within any 100 kHz bandwidth.

3.2.3 Test Setup



3.2.4 Test Results

| | | | |
|-------------------|------------|-----------|------------|
| Ambient Condition | 23°C / 66% | Tested By | Akun Chung |
|-------------------|------------|-----------|------------|

Refer to Appendix B.

3.3 Conducted Output Power

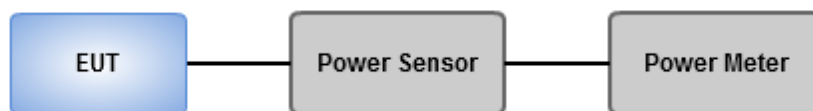
3.3.1 Limit of Conducted Output Power

- ☒ 1 watt for systems employing at least 50 hopping channels;
- ☐ 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels

3.3.2 Test Procedures

1. A wideband power meter is used for power measurement. Bandwidth of power sensor and meter is 50MHz
2. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power

3.3.3 Test Setup



3.3.4 Test Results

| | | | |
|-------------------|------------|-----------|------------|
| Ambient Condition | 23°C / 66% | Tested By | Akun Chung |
|-------------------|------------|-----------|------------|

Refer to Appendix C.

3.4 Number of Hopping Frequency

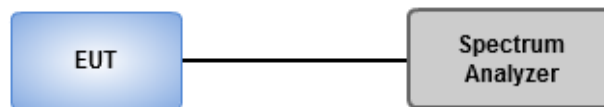
3.4.1 Limit of Number of Hopping Frequency

| Number of Hopping Frequencies Limit for Frequency Hopping Systems | |
|---|---|
| <input type="checkbox"/> | $N \geq 50$, 20 dB bandwidth of the hopping channel is less than 250 kHz |
| <input checked="" type="checkbox"/> | $N \geq 25$, 20 dB bandwidth of the hopping channel is 250 kHz or greater |
| <input type="checkbox"/> | Hybrid mode, No minimum number of hopping channels associated with hybrid system. |
| N: Number of Hopping Frequencies | |

3.4.2 Test Procedures

1. Set RBW = 100kHz, VBW = 300kHz, Sweep time = Auto, Detector = Peak Trace max hold.
2. Allow trace to stabilize.

3.4.3 Test Setup



3.4.4 Test Results

| | | | |
|-------------------|------------|-----------|------------|
| Ambient Condition | 23°C / 66% | Tested By | Akun Chung |
|-------------------|------------|-----------|------------|

Refer to Appendix D.

3.5 20dB and Occupied Bandwidth

The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz

3.5.1 Test Procedures

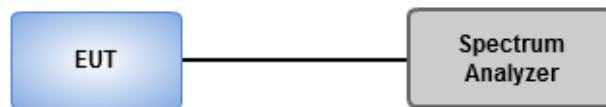
20dB Bandwidth

1. Set RBW= 5kHz, VBW= 20kHz, Sweep time=Auto, Detector=Peak Trace max hold.
2. Allow trace to stabilize.
3. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

Occupied Bandwidth

1. Set RBW= 5kHz, VBW= 20kHz, Sweep time = Auto, Detector=Peak, Trace max hold
2. Allow trace to stabilize
3. Use Occupied bandwidth function of spectrum analyzer to measuring 99% occupied bandwidth

3.5.2 Test Setup



3.5.3 Test Results

| | | | |
|-------------------|------------|-----------|------------|
| Ambient Condition | 23°C / 66% | Tested By | Akun Chung |
|-------------------|------------|-----------|------------|

Refer to Appendix E.

3.6 Channel Separation

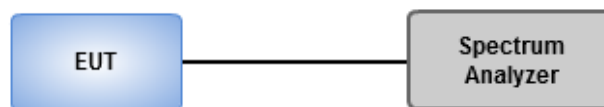
3.6.1 Limit of Channel Separation

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

3.6.2 Test Procedures

1. Set RBW=10kHz, VBW=30kHz, Sweep time=Auto, Detector=Peak Trace max hold.
2. Allow trace to stabilize.
3. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The EUT shall show compliance with the appropriate regulatory limit

3.6.3 Test Setup



3.6.4 Test Results

| | | | |
|-------------------|------------|-----------|------------|
| Ambient Condition | 23°C / 66% | Tested By | Akun Chung |
|-------------------|------------|-----------|------------|

Refer to Appendix F.

3.7 Number of Dwell Time

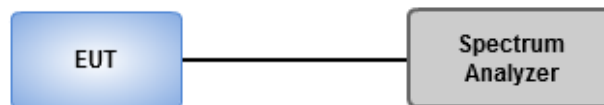
3.7.1 Limit of Dwell time

| Time of Occupancy (Dwell Time) Limit for Frequency Hopping Systems | |
|--|--|
| <input type="checkbox"/> | ≤ 0.4 second within a 20 second period, 20 dB bandwidth of the hopping channel is less than 250 kHz |
| <input checked="" type="checkbox"/> | ≤ 0.4 second within a 10 second period, 20 dB bandwidth of the hopping channel is 250 kHz or greater |
| <input type="checkbox"/> | Hybrid mode, an average time of occupancy on any frequency not to exceed 0.4 seconds within a time period in seconds equal to the number of hopping frequencies employed multiplied by 0.4 |

3.7.2 Test Procedures

1. Set RBW=100kHz, VBW=300kHz, Sweep time= 10s / 30ms, Detector=Peak, Span=0Hz, Trace max hold
4. Measure and record the burst on time.

3.7.3 Test Setup



3.7.4 Test Results

| | | | |
|-------------------|------------|-----------|------------|
| Ambient Condition | 23°C / 66% | Tested By | Akun Chung |
|-------------------|------------|-----------|------------|

Refer to Appendix G.

3.8 AC Power Line Conducted Emissions

3.8.1 Limit of AC Power Line Conducted Emissions

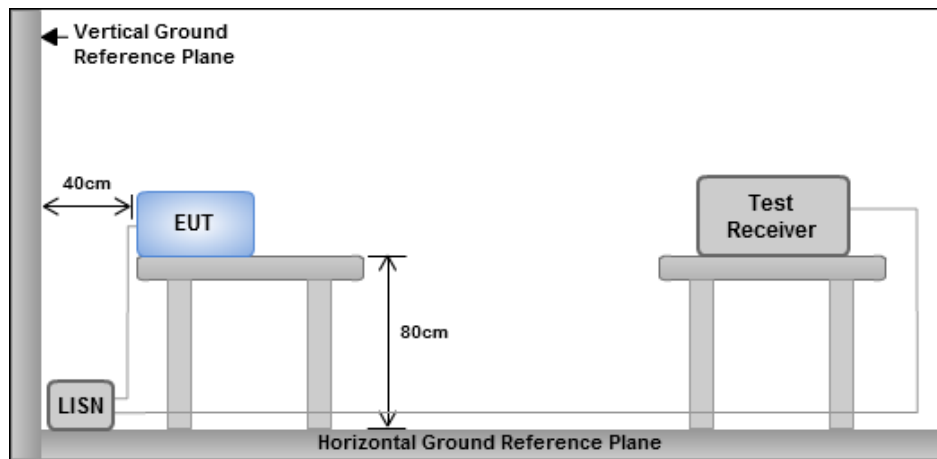
| Conducted Emissions Limit | | |
|---------------------------|------------|-----------|
| Frequency Emission (MHz) | Quasi-Peak | Average |
| 0.15-0.5 | 66 - 56 * | 56 - 46 * |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

Note 1: * Decreases with the logarithm of the frequency.

3.8.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V / 60Hz.

3.8.3 Test Setup



Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.8.4 Test Result of Conducted Emissions

Refer to Appendix H.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

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Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

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Unwanted Conducted Emissions into Restricted Frequency Bands (30MHz ~1.5GHz)

Appendix A.1

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | GRF (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|------------|--------|--------------|-------------|------|-----------|----------|------------|----------|------------|-------------|-------------|
| 902-928MHz | - | - | - | - | - | - | - | | - | - | - |
| FSK | Pass | 30M | 88M | PK | 73.76M | 2.40 | -70.14 | 4.7 | -63.04 | -55.20 | -7.84 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | GRF (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----------|--------|-----------------|----------------|------|--------------|-------------|---------------|-------------|---------------|----------------|----------------|
| FSK | - | - | - | - | - | - | - | - | - | - | - |
| 902.37MHz | Pass | 1G | 1.5G | AV | 1G | 2.40 | -70.85 | - | -68.45 | -41.20 | -27.25 |
| 902.37MHz | Pass | 30M | 88M | PK | 73.99M | 2.40 | -70.54 | 4.7 | -63.44 | -55.20 | -8.24 |
| 902.37MHz | Pass | 88M | 216M | QP | 134.09M | 2.40 | -68.00 | 4.7 | -60.90 | -51.70 | -9.2 |
| 902.37MHz | Pass | 216M | 902M | PK | 240.35M | 2.40 | -64.48 | 4.7 | -57.38 | -49.20 | -8.18 |
| 902.37MHz | Pass | 928M | 1G | PK | 960.08M | 2.40 | -62.11 | 4.7 | -55.01 | -41.20 | -13.81 |
| 902.37MHz | Pass | 1G | 1.5G | PK | 1.01625G | 2.40 | -60.66 | - | -58.26 | -21.20 | -37.06 |
| 915MHz | Pass | 1G | 1.5G | AV | 1.001G | 2.40 | -70.06 | - | -67.66 | -41.20 | -26.46 |
| 915MHz | Pass | 30M | 88M | PK | 73.18M | 2.40 | -70.67 | 4.7 | -63.57 | -55.20 | -8.37 |
| 915MHz | Pass | 88M | 216M | QP | 134.72M | 2.40 | -68.24 | 4.7 | -61.14 | -51.70 | -9.44 |
| 915MHz | Pass | 216M | 902M | PK | 245.5M | 2.40 | -64.55 | 4.7 | -57.45 | -49.20 | -8.25 |
| 915MHz | Pass | 928M | 1G | PK | 960.18M | 2.40 | -60.81 | 4.7 | -53.71 | -41.20 | -12.51 |
| 915MHz | Pass | 1G | 1.5G | PK | 1.006G | 2.40 | -59.96 | - | -57.56 | -21.20 | -36.36 |
| 927.62MHz | Pass | 1G | 1.5G | AV | 1.0005G | 2.40 | -67.67 | - | -65.27 | -41.20 | -24.07 |
| 927.62MHz | Pass | 30M | 88M | PK | 73.76M | 2.40 | -70.14 | 4.7 | -63.04 | -55.20 | -7.84 |
| 927.62MHz | Pass | 88M | 216M | QP | 134.67M | 2.40 | -68.57 | 4.7 | -61.47 | -51.70 | -9.77 |
| 927.62MHz | Pass | 216M | 902M | PK | 240.01M | 2.40 | -64.83 | 4.7 | -57.73 | -49.20 | -8.53 |
| 927.62MHz | Pass | 928M | 1G | PK | 961.3M | 2.40 | -56.77 | 4.7 | -49.67 | -41.20 | -8.47 |
| 927.62MHz | Pass | 1G | 1.5G | PK | 1.0005G | 2.40 | -57.51 | - | -55.11 | -21.20 | -33.91 |

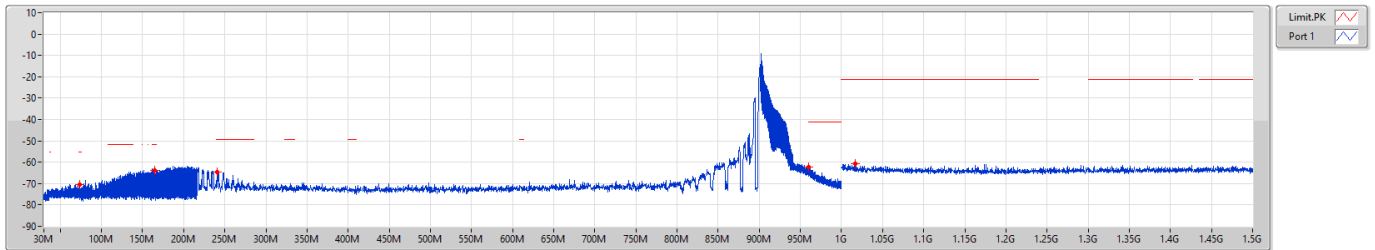
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



902-928MHz

CSE Bandedge-FS [PK]

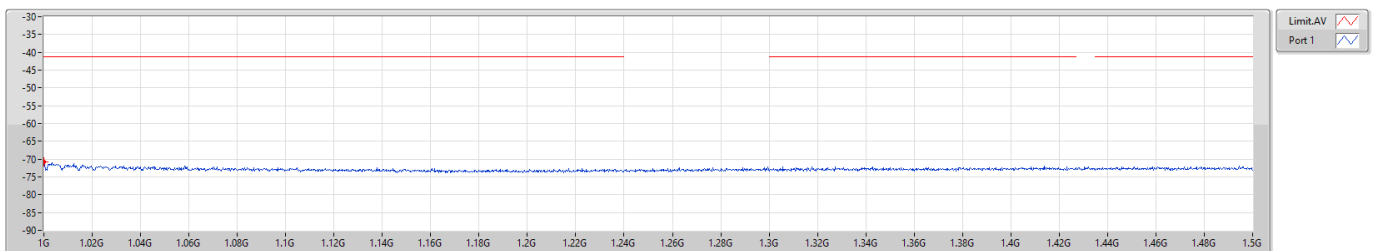
902.37MHz



902-928MHz

CSE Bandedge-FS [AV]

902.37MHz





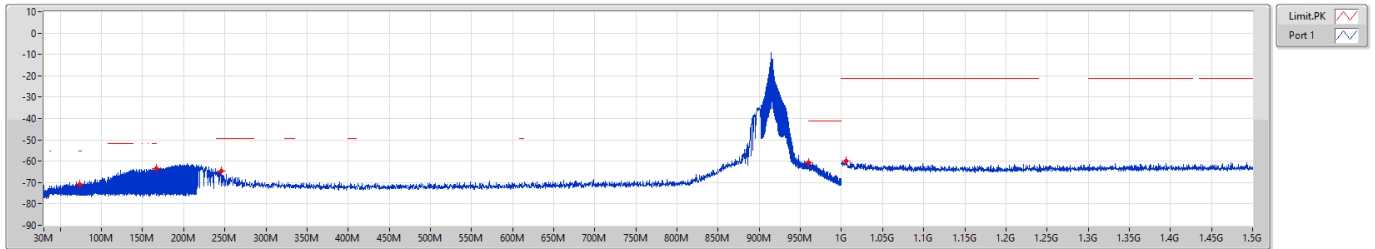
Unwanted Conducted Emissions into Restricted Frequency Bands (30MHz ~1.5GHz)

Appendix A.1

902-928MHz

CSE Bandedge-FS [PK]

915MHz

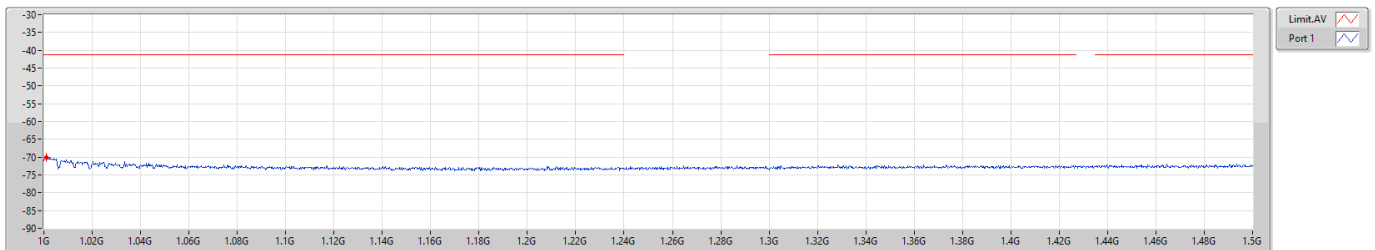


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 30M | 88M | 100k | PK | 73.18M | -70.67 | -70.67 |
| 88M | 216M | 100k | PK | 166.72M | -63.63 | -63.63 |
| 216M | 902M | 100k | PK | 245.5M | -64.55 | -64.55 |
| 928M | 1G | 100k | PK | 960.18M | -60.81 | -60.81 |
| 1G | 1.5G | 1M | PK | 1.006G | -59.96 | -59.96 |

902-928MHz

CSE Bandedge-FS [AV]

915MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 1.5G | 1M | AV | 1.001G | -70.06 | -70.06 |



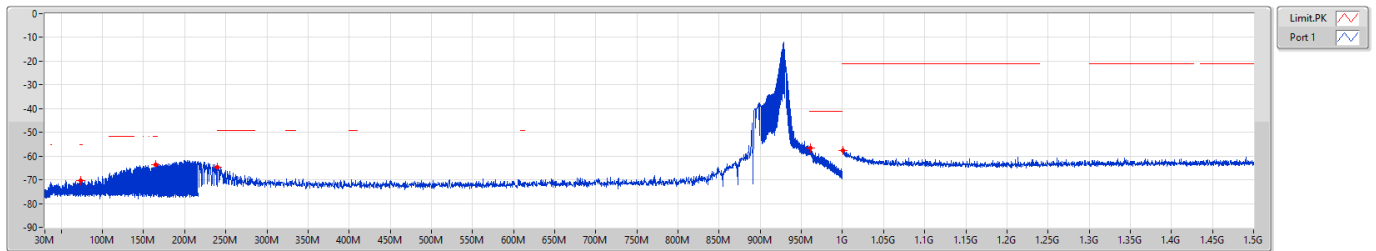
Unwanted Conducted Emissions into Restricted Frequency Bands (30MHz ~1.5GHz)

Appendix A.1

902-928MHz

CSE Bandedge-FS [PK]

927.62MHz

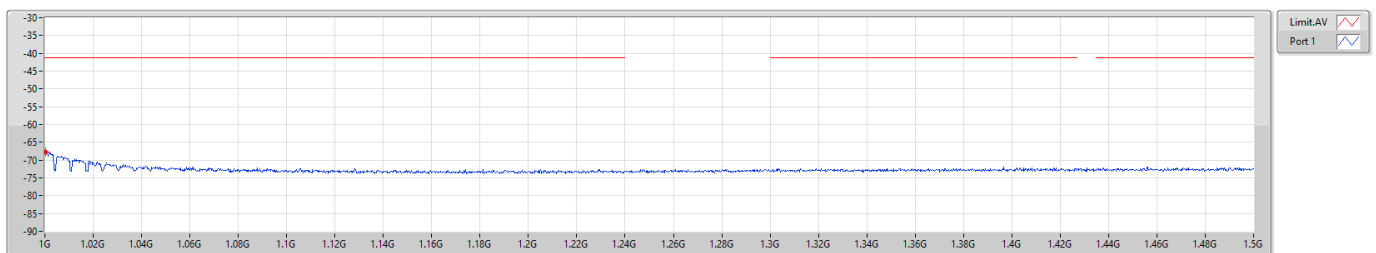


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 30M | 88M | 100k | PK | 73.76M | -70.14 | -70.14 |
| 88M | 216M | 100k | PK | 164.67M | -63.57 | -63.57 |
| 216M | 902M | 100k | PK | 240.01M | -64.83 | -64.83 |
| 928M | 1G | 100k | PK | 961.3M | -56.77 | -56.77 |
| 1G | 1.5G | 1M | PK | 1.0005G | -57.51 | -57.51 |

902-928MHz

CSE Bandedge-FS [AV]

927.62MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 1.5G | 1M | AV | 1.0005G | -67.67 | -67.67 |



Unwanted Conducted Emissions into Restricted Frequency Bands (1.5GHz ~ 10GHz)

Appendix A.2

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|------------|--------|--------------|-------------|------|-----------|------------|-------------|-------------|
| 902-928MHz | - | - | - | - | - | - | - | - |
| FSK | Pass | 1.5G | 4G | AV | 2.70688G | -54.88 | -41.20 | -13.68 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----------|--------|--------------|-------------|------|-----------|------------|-------------|-------------|
| FSK | - | - | - | - | - | - | - | - |
| 902.37MHz | Pass | 1.5G | 4G | AV | 2.70688G | -54.88 | -41.20 | -13.68 |
| 902.37MHz | Pass | 4G | 7G | AV | 5.41488G | -55.46 | -41.20 | -14.26 |
| 902.37MHz | Pass | 7G | 10G | AV | 7.48075G | -55.30 | -41.20 | -14.10 |
| 902.37MHz | Pass | 1.5G | 4G | PK | 2.74438G | -46.16 | -21.20 | -24.96 |
| 902.37MHz | Pass | 4G | 7G | PK | 4.86288G | -45.19 | -21.20 | -23.99 |
| 902.37MHz | Pass | 7G | 10G | PK | 7.40613G | -45.65 | -21.20 | -24.45 |
| 915MHz | Pass | 1.5G | 4G | AV | 2.745G | -55.87 | -41.20 | -14.67 |
| 915MHz | Pass | 4G | 7G | AV | 5.35338G | -56.23 | -41.20 | -15.03 |
| 915MHz | Pass | 7G | 10G | AV | 7.49163G | -55.15 | -41.20 | -13.95 |
| 915MHz | Pass | 1.5G | 4G | PK | 2.79719G | -45.37 | -21.20 | -24.17 |
| 915MHz | Pass | 4G | 7G | PK | 5.42575G | -45.40 | -21.20 | -24.20 |
| 915MHz | Pass | 7G | 10G | PK | 7.41475G | -44.88 | -21.20 | -23.68 |
| 927.62MHz | Pass | 1.5G | 4G | AV | 2.78313G | -56.58 | -41.20 | -15.38 |
| 927.62MHz | Pass | 4G | 7G | AV | 4.63825G | -55.91 | -41.20 | -14.71 |
| 927.62MHz | Pass | 7G | 10G | AV | 7.49575G | -55.35 | -41.20 | -14.15 |
| 927.62MHz | Pass | 1.5G | 4G | PK | 2.76719G | -46.13 | -21.20 | -24.93 |
| 927.62MHz | Pass | 4G | 7G | PK | 5.43288G | -44.87 | -21.20 | -23.67 |
| 927.62MHz | Pass | 7G | 10G | PK | 7.46313G | -45.18 | -21.20 | -23.98 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



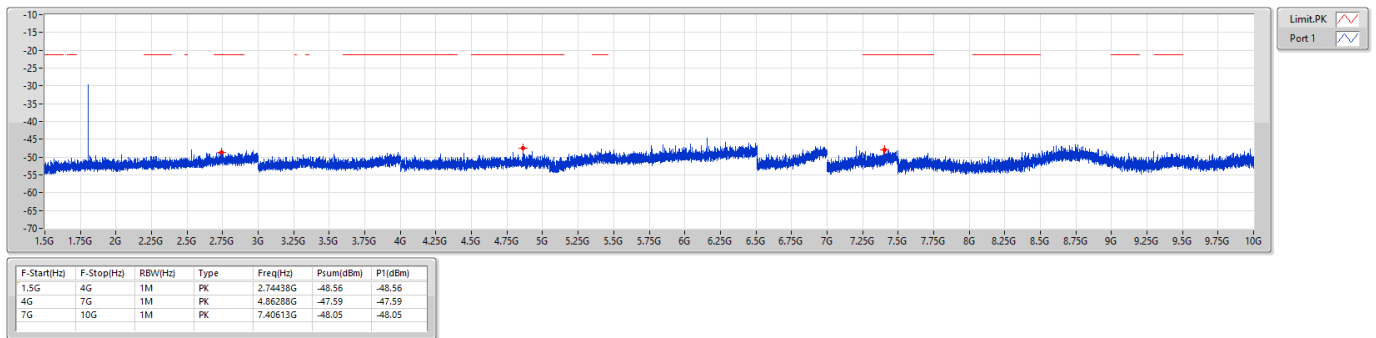
Unwanted Conducted Emissions into Restricted Frequency Bands (1.5GHz ~ 10GHz)

Appendix A.2

902-928MHz

CSE-FS [PK]

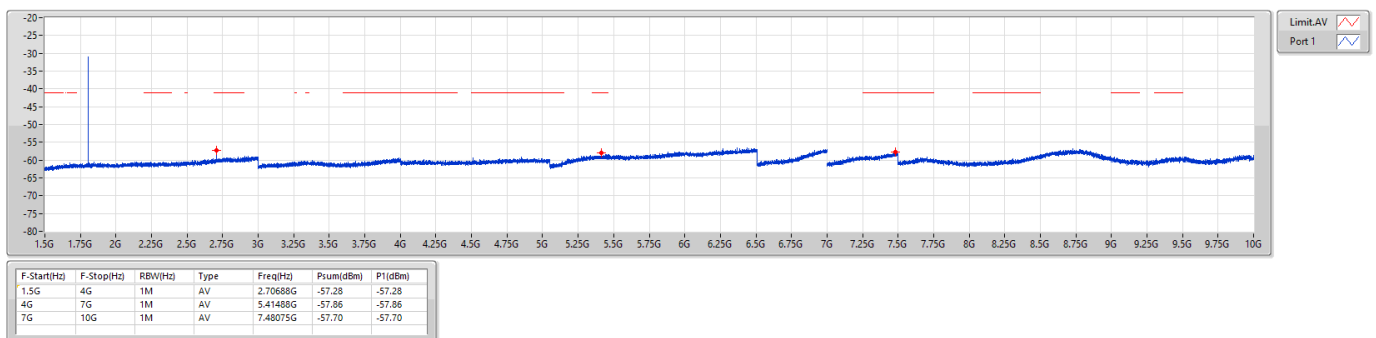
902.37MHz



902-928MHz

CSE-FS [AV]

902.37MHz





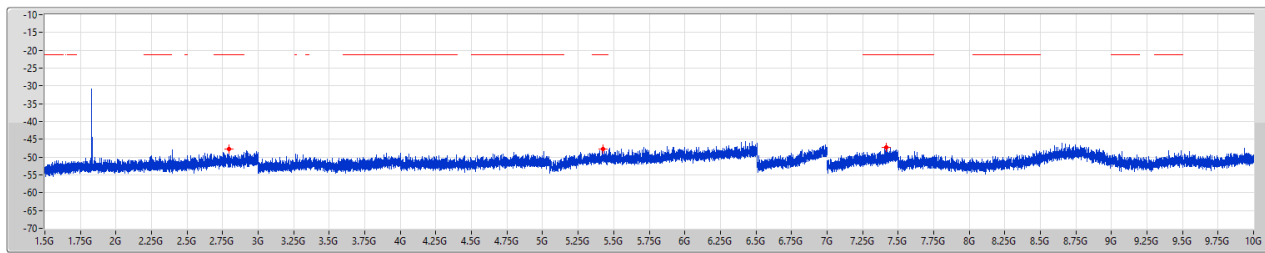
Unwanted Conducted Emissions into Restricted Frequency Bands (1.5GHz ~ 10GHz)

Appendix A.2

902-928MHz

CSE-FS [PK]

915MHz

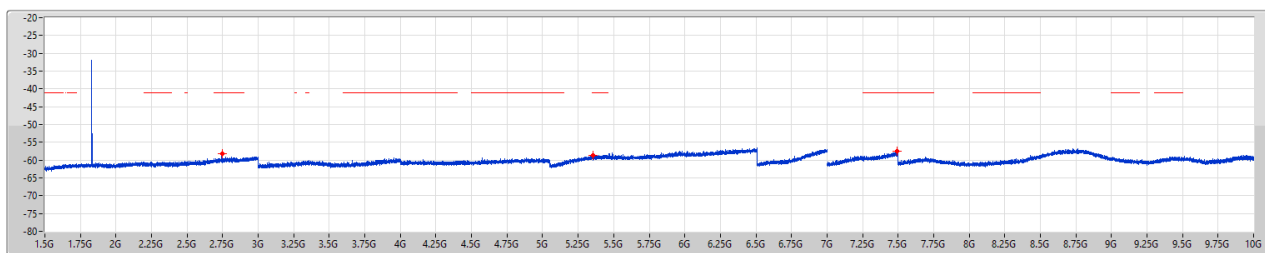


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1.5G | 4G | 1M | PK | 2.79719G | -47.77 | -47.77 |
| 4G | 7G | 1M | PK | 5.42575G | -47.80 | -47.80 |
| 7G | 10G | 1M | PK | 7.41475G | -47.28 | -47.28 |

902-928MHz

CSE-FS [AV]

915MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1.5G | 4G | 1M | AV | 2.745G | -58.27 | -58.27 |
| 4G | 7G | 1M | AV | 5.35338G | -58.63 | -58.63 |
| 7G | 10G | 1M | AV | 7.48916G | -57.55 | -57.55 |



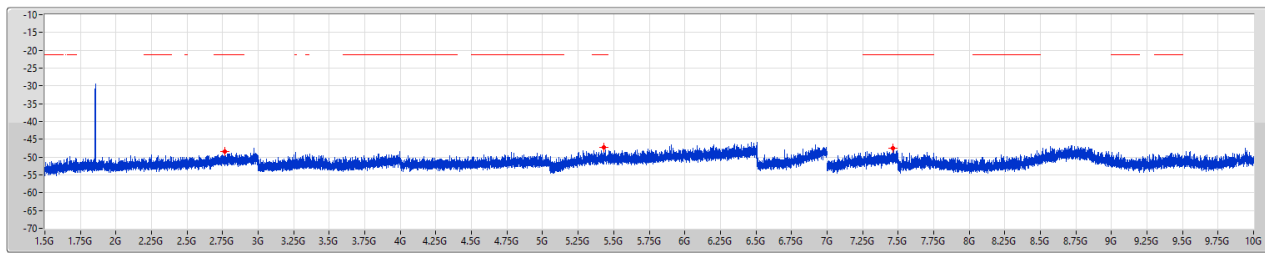
Unwanted Conducted Emissions into Restricted Frequency Bands (1.5GHz ~ 10GHz)

Appendix A.2

902-928MHz

CSE-FS [PK]

927.62MHz

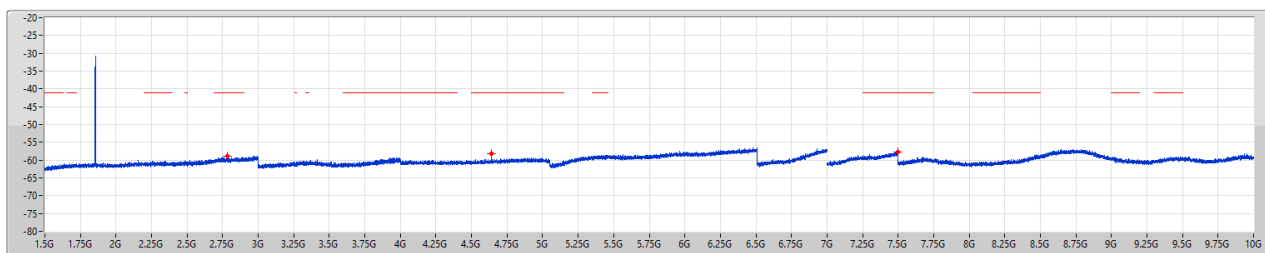


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1.5G | 4G | 1M | PK | 2.76719G | -48.53 | -48.53 |
| 4G | 7G | 1M | PK | 5.43288G | -47.27 | -47.27 |
| 7G | 10G | 1M | PK | 7.46313G | -47.58 | -47.58 |

902-928MHz

CSE-FS [AV]

927.62MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1.5G | 4G | 1M | AV | 2.78313G | -58.98 | -58.98 |
| 4G | 7G | 1M | AV | 4.63825G | -58.31 | -58.31 |
| 7G | 10G | 1M | AV | 7.48575G | -57.75 | -57.75 |



Summary

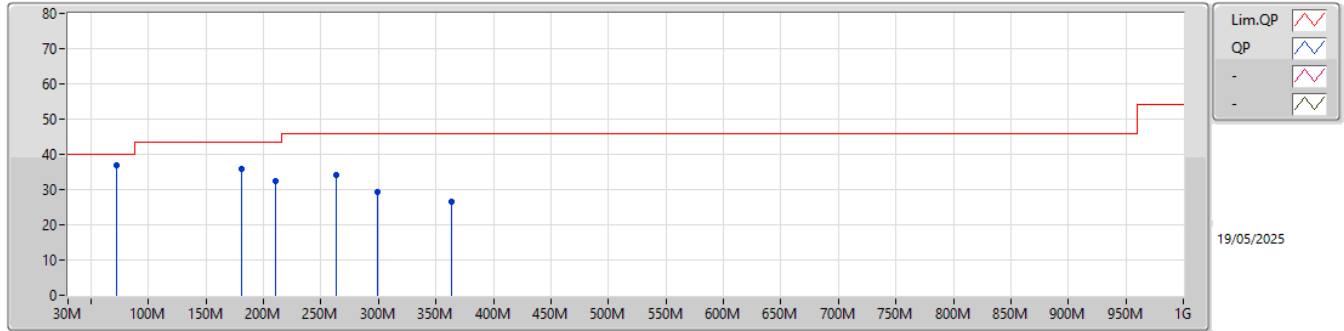
| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Condition |
|--------|--------|------|--------------|-------------------|-------------------|----------------|------------|
| Mode 1 | Pass | PK | 71.71M | 36.97 | 40.00 | -3.03 | Horizontal |
| Mode 2 | Pass | PK | 71.71M | 36.05 | 40.00 | -3.95 | Horizontal |
| Mode 3 | Pass | PK | 71.6M | 36.93 | 40.00 | -3.07 | Horizontal |



Unwanted Radiated Emissions into Restricted Frequency Bands Below 1GHz

Appendix A.3

Mode 1



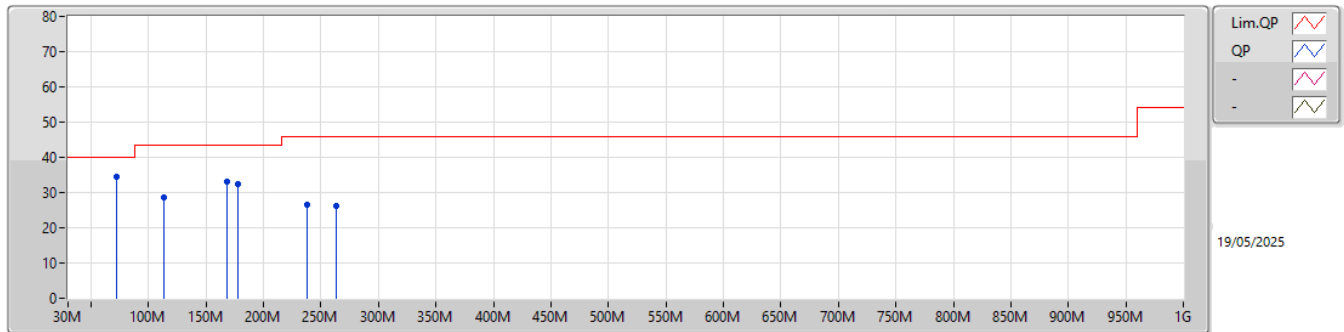
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB/m) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB/m) | CL (dB) | PA (dB) | | |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|------------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| PK | 71.71M | 36.97 | 40.00 | -3.03 | -11.19 | 3 | Horizontal | - | - | - | 48.16 | 16.13 | 0.86 | 28.18 | | |
| PK | 181.32M | 35.89 | 43.50 | -7.61 | -10.35 | 3 | Horizontal | - | - | - | 46.24 | 16.57 | 1.35 | 28.27 | | |
| PK | 210.42M | 32.34 | 43.50 | -11.16 | -11.82 | 3 | Horizontal | - | - | - | 44.16 | 15.01 | 1.44 | 28.27 | | |
| PK | 263.77M | 34.09 | 46.00 | -11.91 | -9.17 | 3 | Horizontal | - | - | - | 43.26 | 17.45 | 1.63 | 28.25 | | |
| PK | 298.69M | 29.34 | 46.00 | -16.66 | -7.88 | 3 | Horizontal | - | - | - | 37.22 | 18.57 | 1.78 | 28.23 | | |
| PK | 363.68M | 26.67 | 46.00 | -19.33 | -6.48 | 3 | Horizontal | - | - | - | 33.15 | 19.87 | 1.84 | 28.19 | | |



Unwanted Radiated Emissions into Restricted Frequency Bands Below 1GHz

Appendix A.3

Mode 1



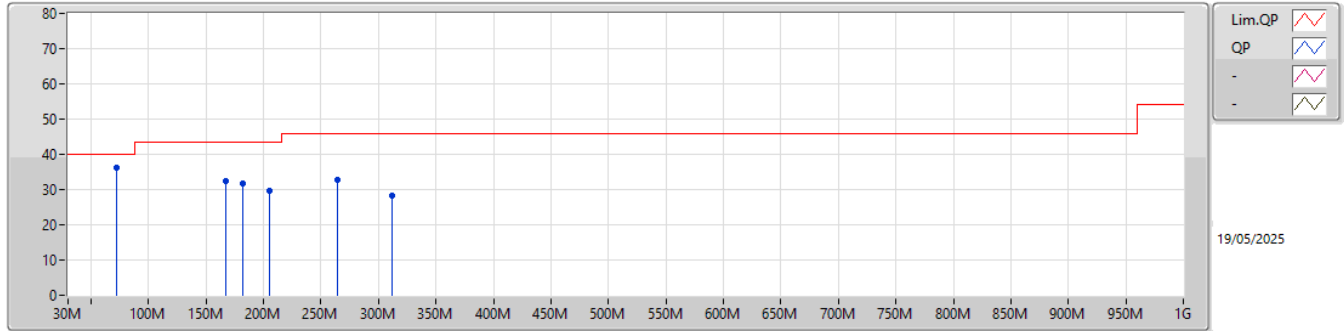
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB/m) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB/m) | CL (dB) | PA (dB) | | |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|-----------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| PK | 71.71M | 34.52 | 40.00 | -5.48 | -11.19 | 3 | Vertical | - | - | - | 45.71 | 16.13 | 0.86 | 28.18 | | |
| PK | 113.42M | 28.60 | 43.50 | -14.90 | -11.63 | 3 | Vertical | - | - | - | 40.23 | 15.54 | 1.07 | 28.24 | | |
| PK | 168.71M | 33.27 | 43.50 | -10.23 | -9.04 | 3 | Vertical | - | - | - | 42.31 | 17.93 | 1.29 | 28.26 | | |
| PK | 177.44M | 32.53 | 43.50 | -10.97 | -9.92 | 3 | Vertical | - | - | - | 42.45 | 17.01 | 1.34 | 28.27 | | |
| PK | 237.58M | 26.57 | 46.00 | -19.43 | -10.47 | 3 | Vertical | - | - | - | 37.04 | 16.26 | 1.53 | 28.26 | | |
| PK | 263.77M | 26.36 | 46.00 | -19.64 | -9.17 | 3 | Vertical | - | - | - | 35.53 | 17.45 | 1.63 | 28.25 | | |



Unwanted Radiated Emissions into Restricted Frequency Bands Below 1GHz

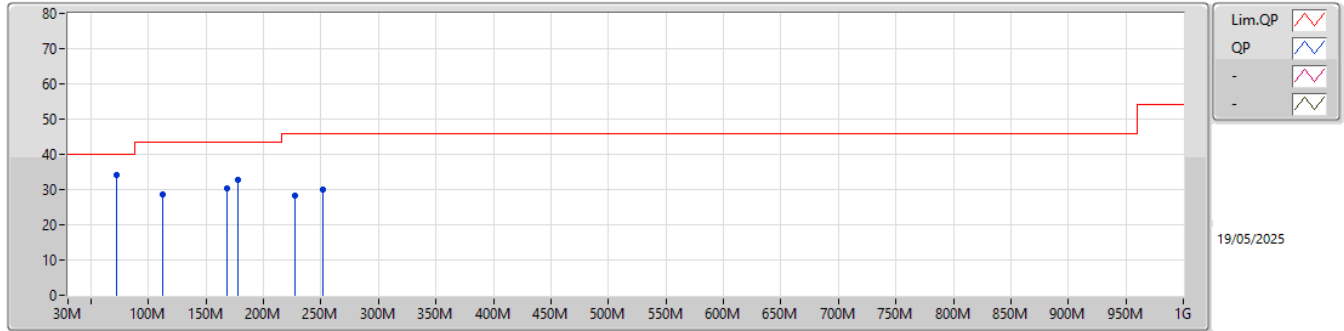
Appendix A.3

Mode 2



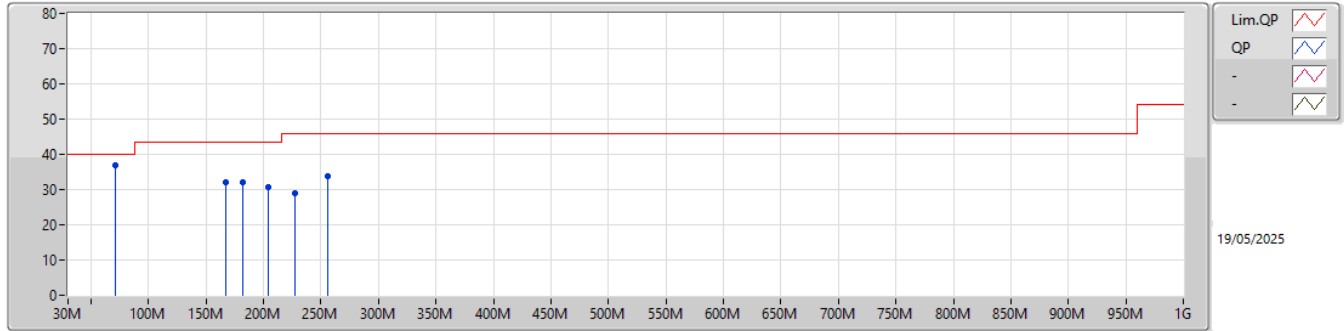
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB/m) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB/m) | CL (dB) | PA (dB) | | |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|------------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| PK | 71.71M | 36.05 | 40.00 | -3.95 | -11.19 | 3 | Horizontal | - | - | - | 47.24 | 16.13 | 0.86 | 28.18 | | |
| PK | 167.74M | 32.51 | 43.50 | -10.99 | -8.97 | 3 | Horizontal | - | - | - | 41.48 | 18.00 | 1.29 | 28.26 | | |
| PK | 182.29M | 31.59 | 43.50 | -11.91 | -10.41 | 3 | Horizontal | - | - | - | 42.00 | 16.50 | 1.36 | 28.27 | | |
| PK | 205.57M | 29.57 | 43.50 | -13.93 | -11.67 | 3 | Horizontal | - | - | - | 41.24 | 15.18 | 1.43 | 28.28 | | |
| PK | 264.74M | 32.69 | 46.00 | -13.31 | -9.13 | 3 | Horizontal | - | - | - | 41.82 | 17.49 | 1.63 | 28.25 | | |
| PK | 312.27M | 28.17 | 46.00 | -17.83 | -7.43 | 3 | Horizontal | - | - | - | 35.60 | 18.99 | 1.80 | 28.22 | | |

Mode 2



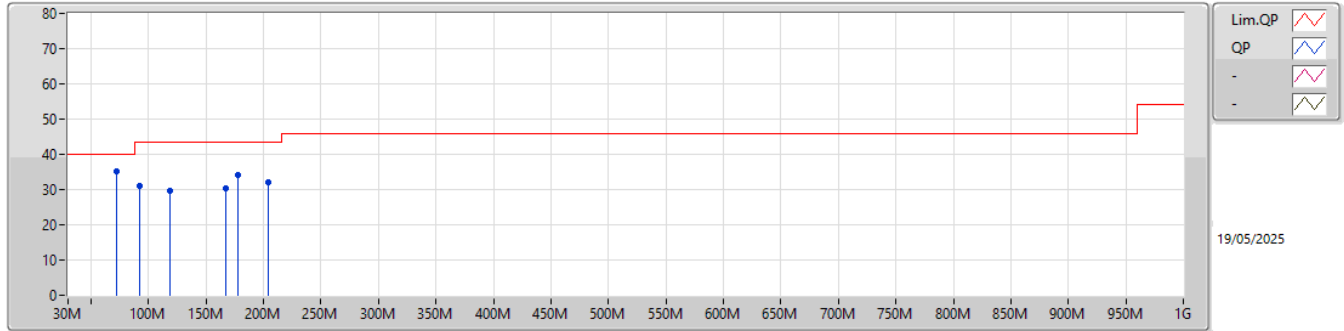
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB/m) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB/m) | CL (dB) | PA (dB) | | |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|-----------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| PK | 71.71M | 34.01 | 40.00 | -5.99 | -11.19 | 3 | Vertical | - | - | - | 45.20 | 16.13 | 0.86 | 28.18 | | |
| PK | 112.45M | 28.61 | 43.50 | -14.89 | -11.67 | 3 | Vertical | - | - | - | 40.28 | 15.50 | 1.07 | 28.24 | | |
| PK | 168.71M | 30.35 | 43.50 | -13.15 | -9.04 | 3 | Vertical | - | - | - | 39.39 | 17.93 | 1.29 | 28.26 | | |
| PK | 177.44M | 32.66 | 43.50 | -10.84 | -9.92 | 3 | Vertical | - | - | - | 42.58 | 17.01 | 1.34 | 28.27 | | |
| PK | 227.88M | 28.42 | 46.00 | -17.58 | -11.65 | 3 | Vertical | - | - | - | 40.07 | 15.12 | 1.50 | 28.27 | | |
| PK | 251.16M | 29.94 | 46.00 | -16.06 | -9.72 | 3 | Vertical | - | - | - | 39.66 | 16.95 | 1.58 | 28.25 | | |

Mode 3



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB/m) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB/m) | CL (dB) | PA (dB) | | |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|------------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| PK | 71.6M | 36.93 | 40.00 | -3.07 | -11.18 | 3 | Horizontal | - | - | - | 48.11 | 16.14 | 0.86 | 28.18 | | |
| PK | 167.74M | 31.90 | 43.50 | -11.60 | -8.97 | 3 | Horizontal | - | - | - | 40.87 | 18.00 | 1.29 | 28.26 | | |
| PK | 182.29M | 32.02 | 43.50 | -11.48 | -10.41 | 3 | Horizontal | - | - | - | 42.43 | 16.50 | 1.36 | 28.27 | | |
| PK | 203.63M | 30.58 | 43.50 | -12.92 | -11.61 | 3 | Horizontal | - | - | - | 42.19 | 15.25 | 1.42 | 28.28 | | |
| PK | 226.91M | 29.11 | 46.00 | -16.89 | -11.69 | 3 | Horizontal | - | - | - | 40.80 | 15.08 | 1.50 | 28.27 | | |
| PK | 256.01M | 33.89 | 46.00 | -12.11 | -9.51 | 3 | Horizontal | - | - | - | 43.40 | 17.14 | 1.60 | 28.25 | | |

Mode 3



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB/m) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB/m) | CL (dB) | PA (dB) | | |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|-----------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| PK | 71.71M | 35.24 | 40.00 | -4.76 | -11.19 | 3 | Vertical | - | - | - | 46.43 | 16.13 | 0.86 | 28.18 | | |
| PK | 92.08M | 31.09 | 43.50 | -12.41 | -14.41 | 3 | Vertical | - | - | - | 45.50 | 12.83 | 0.98 | 28.22 | | |
| PK | 118.27M | 29.72 | 43.50 | -13.78 | -11.23 | 3 | Vertical | - | - | - | 40.95 | 15.93 | 1.08 | 28.24 | | |
| PK | 167.74M | 30.43 | 43.50 | -13.07 | -8.97 | 3 | Vertical | - | - | - | 39.40 | 18.00 | 1.29 | 28.26 | | |
| PK | 177.44M | 34.13 | 43.50 | -9.37 | -9.92 | 3 | Vertical | - | - | - | 44.05 | 17.01 | 1.34 | 28.27 | | |
| PK | 203.63M | 32.02 | 43.50 | -11.48 | -11.61 | 3 | Vertical | - | - | - | 43.63 | 15.25 | 1.42 | 28.28 | | |



**Unwanted Radiated Emissions into Restricted Frequency
Bands Above 1GHz**

Appendix A.4

Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 902-928MHz | - | - | - | - | - | - | - | - | - | - | - |
| FSK | Pass | AV | 5.41422G | 35.15 | 54.00 | -18.85 | 3 | Vertical | 7 | 3.20 | - |

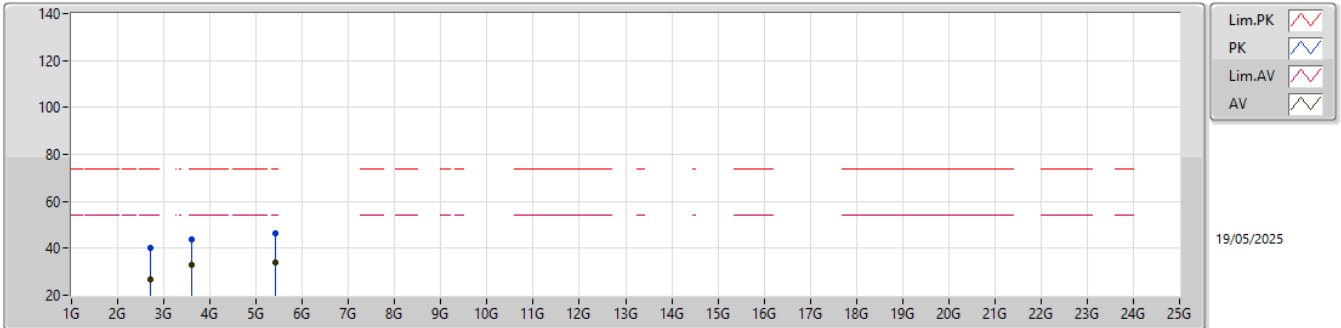


Unwanted Radiated Emissions into Restricted Frequency Bands Above 1GHz

Appendix A.4

902-928MHz_FSK

902.37MHz_TX

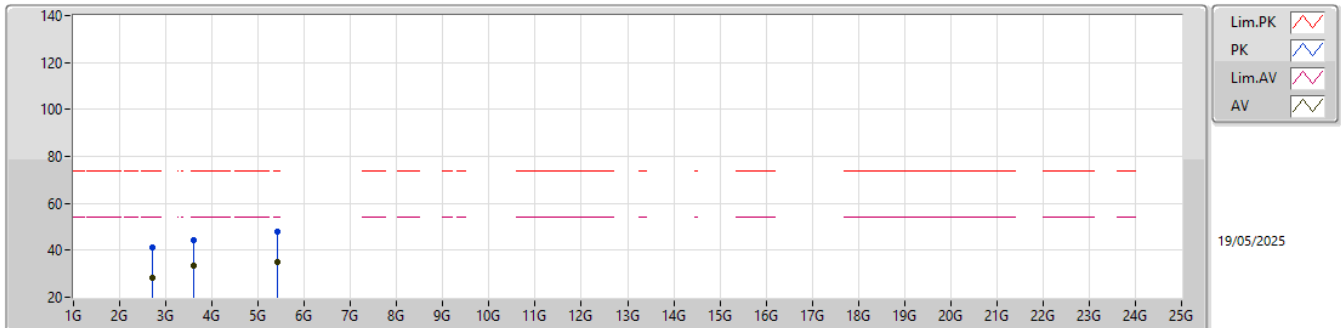


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB/m) | CL (dB) | PA (dB) | | | |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| AV | 2.70711G | 26.87 | 54.00 | -27.13 | 31.06 | 3 | Horizontal | 1 | 2.31 | - | 27.70 | 5.08 | 36.97 | | | |
| PK | 2.70711G | 40.32 | 74.00 | -33.68 | 44.51 | 3 | Horizontal | 1 | 2.31 | - | 27.70 | 5.08 | 36.97 | | | |
| AV | 3.60948G | 32.71 | 54.00 | -21.29 | 34.98 | 3 | Horizontal | 83 | 2.36 | - | 29.24 | 5.88 | 37.39 | | | |
| PK | 3.60948G | 43.97 | 74.00 | -30.03 | 46.24 | 3 | Horizontal | 83 | 2.36 | - | 29.24 | 5.88 | 37.39 | | | |
| AV | 5.41422G | 33.80 | 54.00 | -20.20 | 33.65 | 3 | Horizontal | 337 | 1.83 | - | 31.73 | 7.22 | 38.80 | | | |
| PK | 5.41422G | 46.19 | 74.00 | -27.81 | 46.04 | 3 | Horizontal | 337 | 1.83 | - | 31.73 | 7.22 | 38.80 | | | |



902-928MHz_FSK

902.37MHz_TX

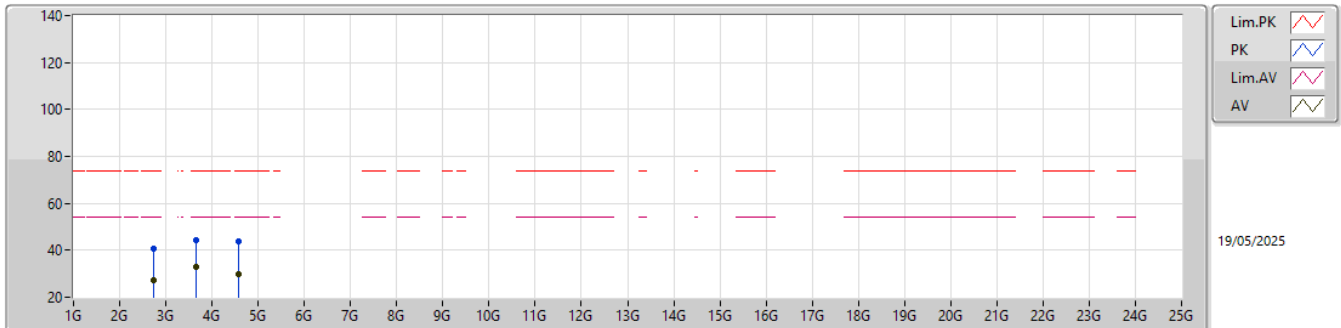


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB/m) | CL (dB) | PA (dB) | | | |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| AV | 2.70711G | 28.48 | 54.00 | -25.52 | 32.67 | 3 | Vertical | 332 | 1.03 | - | 27.70 | 5.08 | 36.97 | | | |
| PK | 2.70711G | 41.06 | 74.00 | -32.94 | 45.25 | 3 | Vertical | 332 | 1.03 | - | 27.70 | 5.08 | 36.97 | | | |
| AV | 3.60948G | 33.34 | 54.00 | -20.66 | 35.61 | 3 | Vertical | 342 | 1.17 | - | 29.24 | 5.88 | 37.39 | | | |
| PK | 3.60948G | 44.49 | 74.00 | -29.51 | 46.76 | 3 | Vertical | 342 | 1.17 | - | 29.24 | 5.88 | 37.39 | | | |
| AV | 5.41422G | 35.15 | 54.00 | -18.85 | 35.00 | 3 | Vertical | 7 | 3.20 | - | 31.73 | 7.22 | 38.80 | | | |
| PK | 5.41422G | 48.15 | 74.00 | -25.85 | 48.00 | 3 | Vertical | 7 | 3.20 | - | 31.73 | 7.22 | 38.80 | | | |



902-928MHz_FSK

915MHz_TX

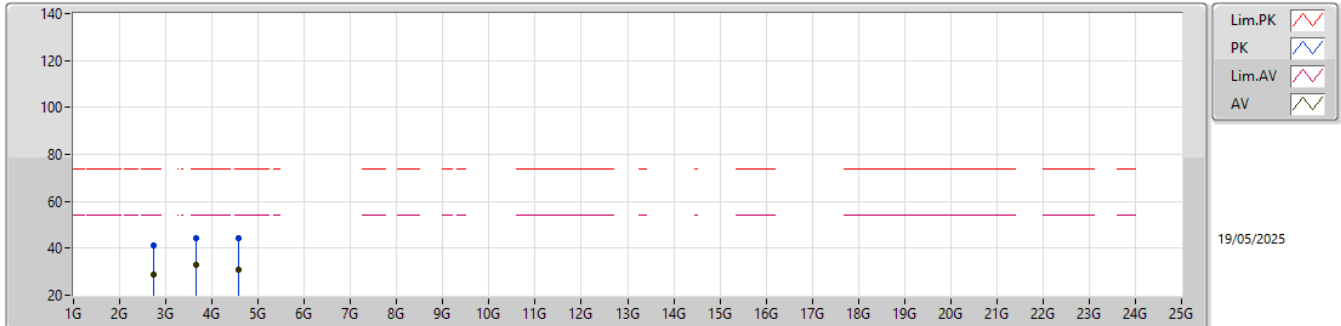


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB/m) | CL (dB) | PA (dB) | | | |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| AV | 2.745G | 27.50 | 54.00 | -26.50 | 31.45 | 3 | Horizontal | 264 | 1.30 | - | 27.90 | 5.12 | 36.97 | | | |
| PK | 2.745G | 40.45 | 74.00 | -33.55 | 44.40 | 3 | Horizontal | 264 | 1.30 | - | 27.90 | 5.12 | 36.97 | | | |
| AV | 3.66G | 33.10 | 54.00 | -20.90 | 35.29 | 3 | Horizontal | 71 | 1.99 | - | 29.38 | 5.90 | 37.47 | | | |
| PK | 3.66G | 44.09 | 74.00 | -29.91 | 46.28 | 3 | Horizontal | 71 | 1.99 | - | 29.38 | 5.90 | 37.47 | | | |
| AV | 4.575G | 30.02 | 54.00 | -23.98 | 30.89 | 3 | Horizontal | 185 | 1.87 | - | 31.00 | 6.49 | 38.36 | | | |
| PK | 4.575G | 43.58 | 74.00 | -30.42 | 44.45 | 3 | Horizontal | 185 | 1.87 | - | 31.00 | 6.49 | 38.36 | | | |



902-928MHz_FSK

915MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB/m) | CL (dB) | PA (dB) | | | |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| AV | 2.745G | 28.55 | 54.00 | -25.45 | 32.50 | 3 | Vertical | 210 | 2.42 | - | 27.90 | 5.12 | 36.97 | | | |
| PK | 2.745G | 41.08 | 74.00 | -32.92 | 45.03 | 3 | Vertical | 210 | 2.42 | - | 27.90 | 5.12 | 36.97 | | | |
| AV | 3.66G | 32.89 | 54.00 | -21.11 | 35.08 | 3 | Vertical | 343 | 1.27 | - | 29.38 | 5.90 | 37.47 | | | |
| PK | 3.66G | 44.56 | 74.00 | -29.44 | 46.75 | 3 | Vertical | 343 | 1.27 | - | 29.38 | 5.90 | 37.47 | | | |
| AV | 4.575G | 30.98 | 54.00 | -23.02 | 31.85 | 3 | Vertical | 6 | 3.39 | - | 31.00 | 6.49 | 38.36 | | | |
| PK | 4.575G | 44.44 | 74.00 | -29.56 | 45.31 | 3 | Vertical | 6 | 3.39 | - | 31.00 | 6.49 | 38.36 | | | |

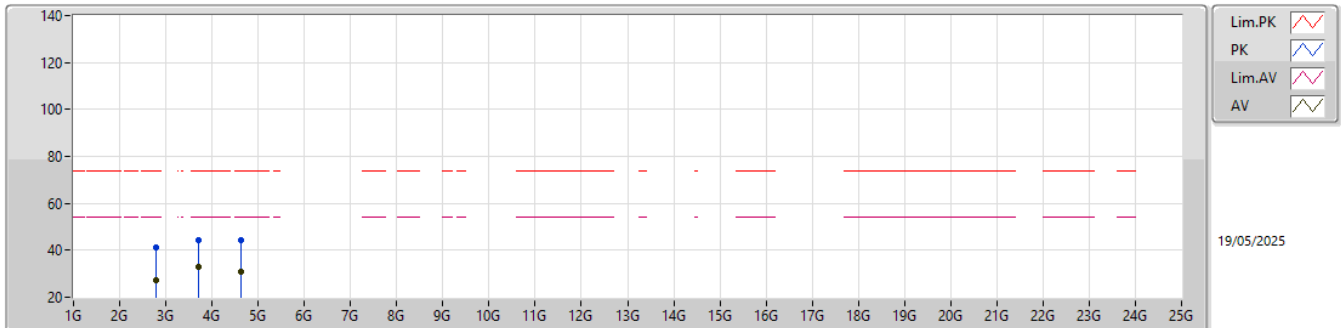


Unwanted Radiated Emissions into Restricted Frequency Bands Above 1GHz

Appendix A.4

902-928MHz_FSK

927.62MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB/m) | CL (dB) | PA (dB) | | | |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| AV | 2.78286G | 27.40 | 54.00 | -26.60 | 30.87 | 3 | Horizontal | 271 | 1.12 | - | 28.33 | 5.16 | 36.96 | | | |
| PK | 2.78286G | 41.05 | 74.00 | -32.95 | 44.52 | 3 | Horizontal | 271 | 1.12 | - | 28.33 | 5.16 | 36.96 | | | |
| AV | 3.71048G | 33.18 | 54.00 | -20.82 | 35.49 | 3 | Horizontal | 335 | 2.10 | - | 29.32 | 5.91 | 37.54 | | | |
| PK | 3.71048G | 44.39 | 74.00 | -29.61 | 46.70 | 3 | Horizontal | 335 | 2.10 | - | 29.32 | 5.91 | 37.54 | | | |
| AV | 4.6381G | 30.72 | 54.00 | -23.28 | 31.34 | 3 | Horizontal | 278 | 3.06 | - | 31.23 | 6.55 | 38.40 | | | |
| PK | 4.6381G | 44.54 | 74.00 | -29.46 | 45.16 | 3 | Horizontal | 278 | 3.06 | - | 31.23 | 6.55 | 38.40 | | | |

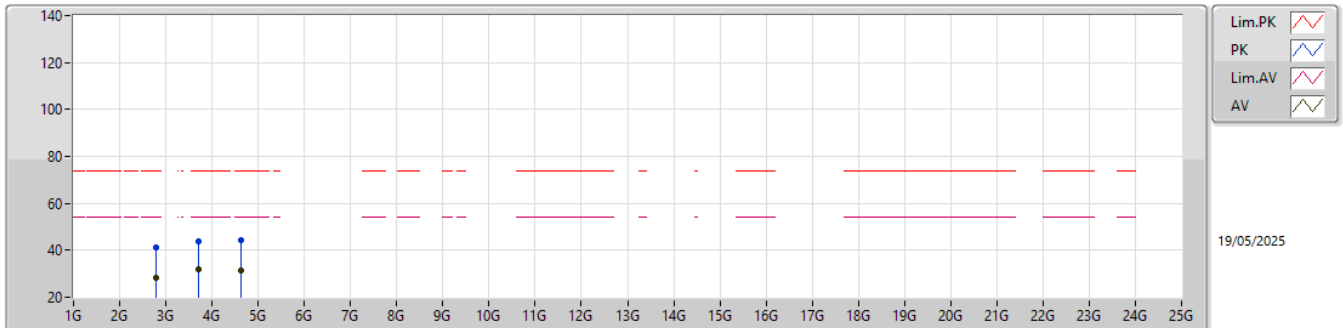


Unwanted Radiated Emissions into Restricted Frequency Bands Above 1GHz

Appendix A.4

902-928MHz_FSK

927.62MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB/m) | CL (dB) | PA (dB) | | | |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| AV | 2.78286G | 28.46 | 54.00 | -25.54 | 31.93 | 3 | Vertical | 222 | 2.29 | - | 28.33 | 5.16 | 36.96 | | | |
| PK | 2.78286G | 41.19 | 74.00 | -32.81 | 44.66 | 3 | Vertical | 222 | 2.29 | - | 28.33 | 5.16 | 36.96 | | | |
| AV | 3.71048G | 31.87 | 54.00 | -22.13 | 34.18 | 3 | Vertical | 344 | 1.22 | - | 29.32 | 5.91 | 37.54 | | | |
| PK | 3.71048G | 43.78 | 74.00 | -30.22 | 46.09 | 3 | Vertical | 344 | 1.22 | - | 29.32 | 5.91 | 37.54 | | | |
| AV | 4.6381G | 31.26 | 54.00 | -22.74 | 31.88 | 3 | Vertical | 337 | 3.14 | - | 31.23 | 6.55 | 38.40 | | | |
| PK | 4.6381G | 44.51 | 74.00 | -29.49 | 45.13 | 3 | Vertical | 337 | 3.14 | - | 31.23 | 6.55 | 38.40 | | | |

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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FSK | Pass | 902.23M | 22.39 | 2.39 | 45.16M | -52.07 | 901.95M | 2.10 | 902M | 0.24 | 928.03M | -37.98 | 1.80412G | -30.84 | 1 |

Result

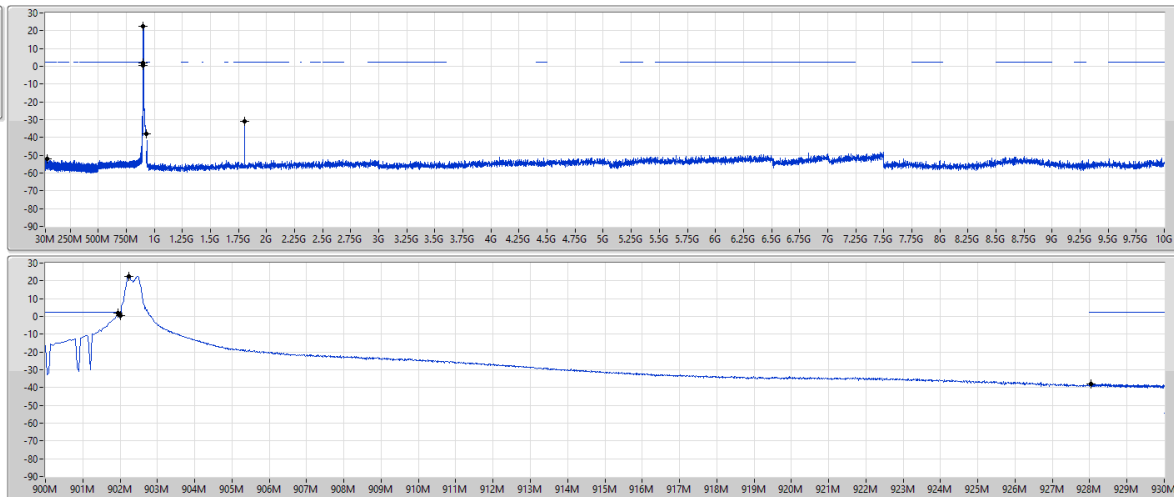
| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|----------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| FSK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 902.37MHz | Pass | 902.23M | 22.39 | 2.39 | 45.16M | -52.07 | 901.95M | 2.10 | 902M | 0.24 | 928.03M | -37.98 | 1.80412G | -30.84 | 1 |
| 915MHz | Pass | 914.87M | 22.65 | 2.65 | 184.28M | -52.41 | 901.7M | -32.81 | 928M | -30.73 | 928.03M | -29.64 | 1.8302G | -31.10 | 1 |
| 927.62MHz | Pass | 927.51M | 22.35 | 2.35 | 97.97M | -52.27 | 899.29M | -36.02 | 928M | -1.97 | 928M | -1.07 | 930M | -23.94 | 1 |
| 902.37MHz-Hopping On | Pass | 912.44M | 22.85 | 2.85 | 901.96M | -0.89 | 902M | -2.36 | 928.01M | -1.61 | - | - | - | - | 1 |

902-928MHz

CSENdB-FS

902.37MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



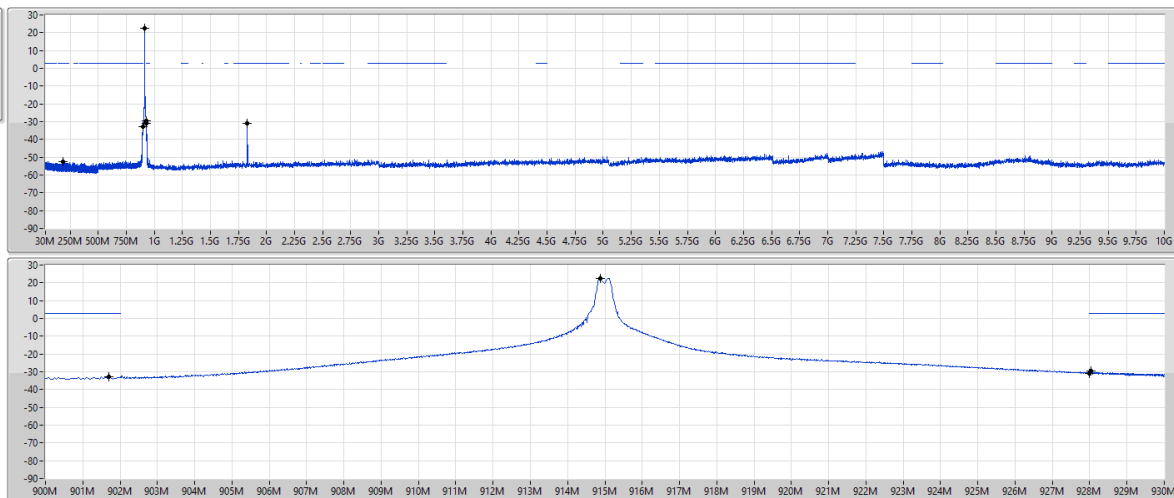
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 902.23M | 22.39 | 2.39 | 45.16M | -52.07 | 901.95M | 2.10 | 902M | 0.24 | 928.03M | -37.98 | 1.80412G | -30.84 | 1 |

902-928MHz

CSENdB-FS

915MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



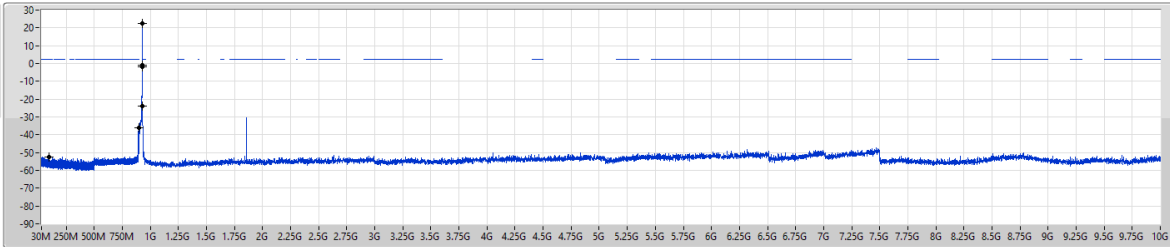
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 914.87M | 22.65 | 2.65 | 184.28M | -52.41 | 901.7M | -32.81 | 928M | -30.73 | 928.03M | -29.64 | 1.8302G | -31.10 | 1 |

902-928MHz

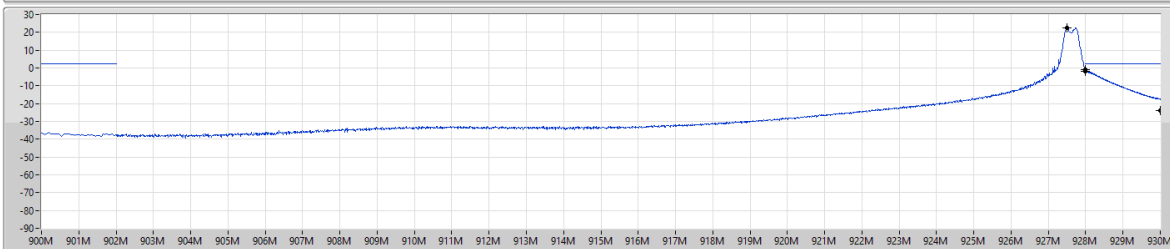
CSENdB-FS

927.62MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1



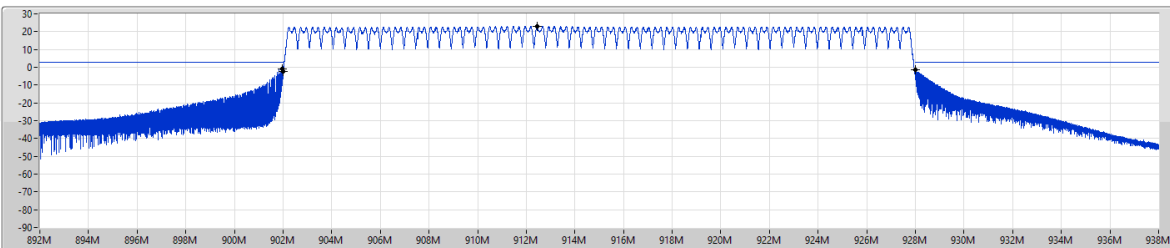
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 927.51M | 22.35 | 2.35 | 97.97M | -52.27 | 899.29M | -36.02 | 928M | -1.97 | 928M | -1.07 | 930M | -23.94 | 1 |

902-928MHz

CSENdB-FS

902.37MHz-Hopping On

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



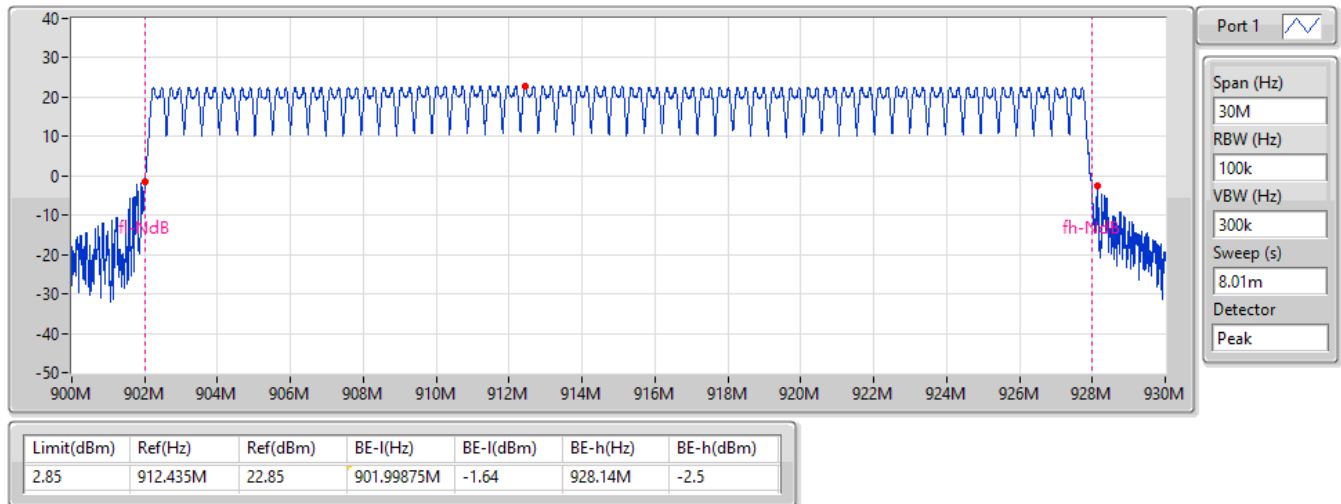
Port 1

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 912.44M | 22.85 | 2.85 | 901.96M | -0.89 | 902M | -2.36 | 928.01M | -1.61 | 1 |

902-928MHz

902.37MHz

Hopping Ch Bandedge (Non-restricted Band)





Conducted Output Power (Peak)

Appendix C.1

Summary

| Mode | Total Power (dBm) | Total Power (W) |
|------------|-------------------|-----------------|
| 902-928MHz | - | - |
| FSK | 23.04 | 0.20137 |

Result

| Mode | Result | Antenna Gain (dBi) | Total Power (dBm) | Power Limit (dBm) | EIRP (dBm) | EIRP Limit (dBm) |
|-----------|--------|--------------------|-------------------|-------------------|------------|------------------|
| FSK | - | - | - | - | - | - |
| 902.37MHz | Pass | 2.40 | 22.77 | 30.00 | 25.17 | 36.00 |
| 915MHz | Pass | 2.40 | 23.04 | 30.00 | 25.44 | 36.00 |
| 927.62MHz | Pass | 2.40 | 22.76 | 30.00 | 25.16 | 36.00 |



Conducted Output Power (Average)

Appendix C.2

Summary

| Mode | Total Power (dBm) | Total Power (W) |
|------------|-------------------|-----------------|
| 902-928MHz | - | - |
| FSK | 23.00 | 0.19953 |

Result

| Mode | Result | Antenna Gain (dBi) | Total Power (dBm) | Power Limit (dBm) | EIRP (dBm) | EIRP Limit (dBm) |
|-----------|--------|--------------------|-------------------|-------------------|------------|------------------|
| FSK | - | - | - | - | - | - |
| 902.37MHz | Pass | 2.40 | 22.74 | - | 25.14 | - |
| 915MHz | Pass | 2.40 | 23.00 | - | 25.40 | - |
| 927.62MHz | Pass | 2.40 | 22.72 | - | 25.12 | - |

Note: Average power is for reference only.



Summary

| Mode | Max-Hop No |
|------------|------------|
| 902-928MHz | - |
| FSK | 53 |

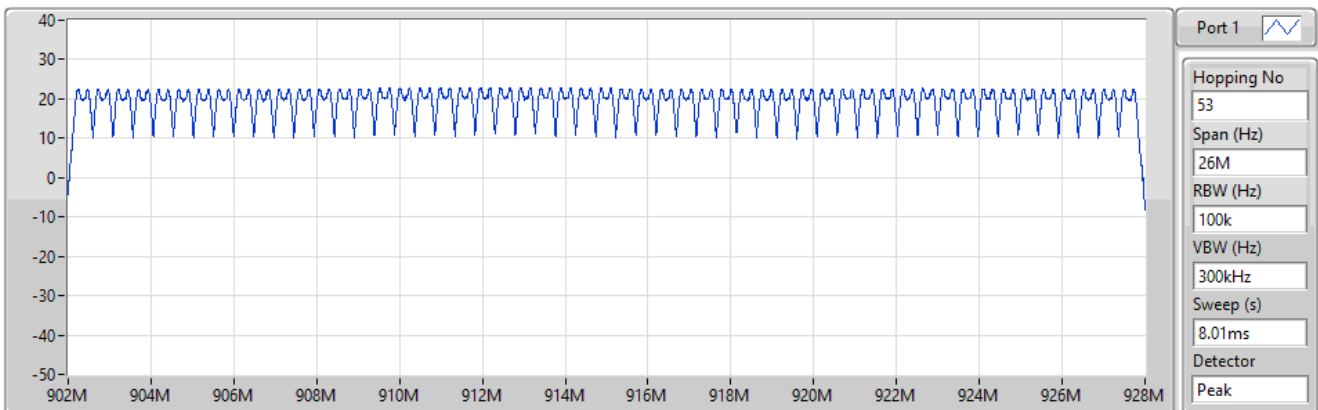
Result

| Mode | Result | Hopping No | Limit |
|-----------|--------|------------|-------|
| FSK | - | - | - |
| 902.37MHz | Pass | 53 | 25 |

902-928MHz

Hopping-FS

902.37MHz



| Hopping No | Limit |
|------------|-------|
| 53 | 25 |

**Summary**

| Mode | Max-N dB (Hz) | Max-OBW (Hz) | ITU-Code | Min-N dB (Hz) | Min-OBW (Hz) |
|------------|------------------|-----------------|----------|------------------|-----------------|
| 902-928MHz | - | - | - | - | - |
| FSK | 473k | 466.249k | 466KF1D | 470.25k | 464.86k |

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) |
|-----------|--------|---------------|---------------------|--------------------|
| FSK | - | - | - | - |
| 902.37MHz | Pass | 500k | 473k | 466.249k |
| 915MHz | Pass | 500k | 471.625k | 465.404k |
| 927.62MHz | Pass | 500k | 470.25k | 464.86k |

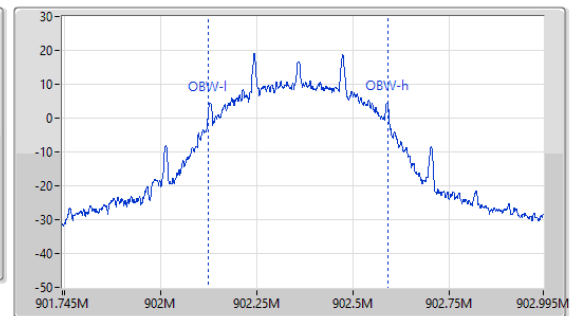
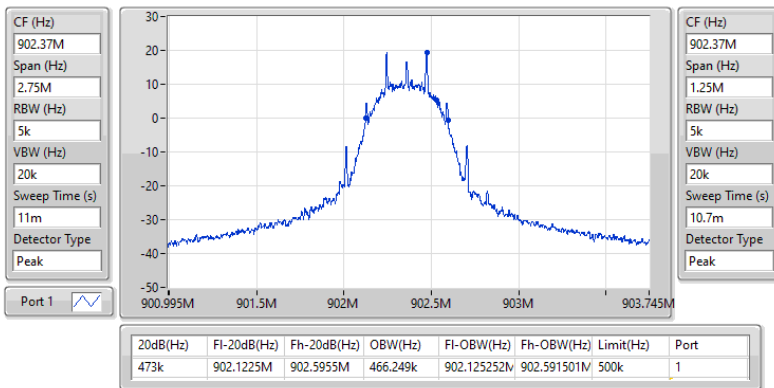
Port X-N dB = Port X 20dB down bandwidth;

Port X-OBW = Port X 99% occupied bandwidth

902-928MHz

EBW-FS

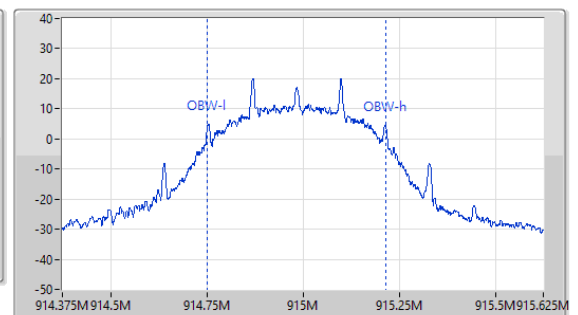
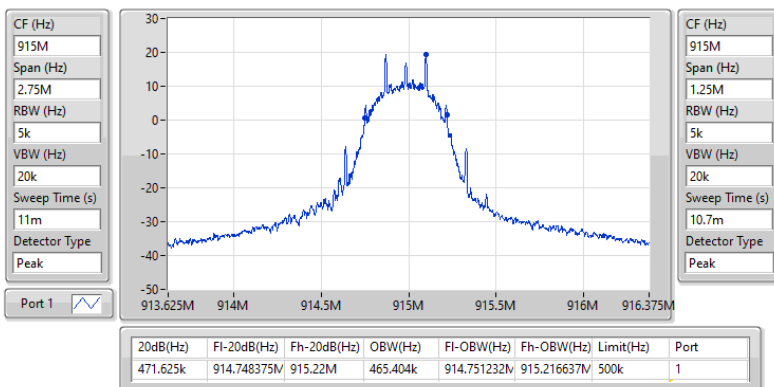
902.37MHz



902-928MHz

EBW-FS

915MHz

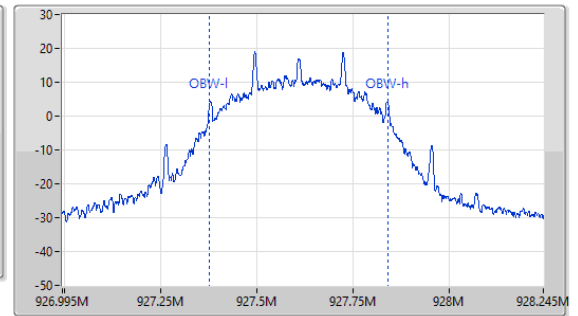
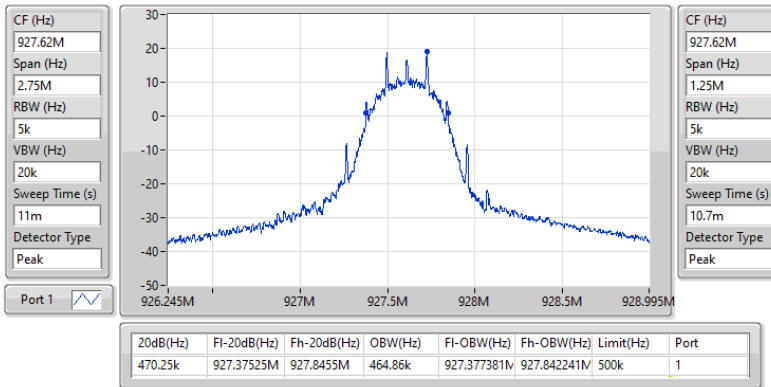




902-928MHz

EBW-FS

927.62MHz



**Summary**

| Mode | Max-Space (Hz) | Min-Space (Hz) |
|------------|-------------------|-------------------|
| 902-928MHz | - | - |
| FSK | 486k | 485.25k |

Result

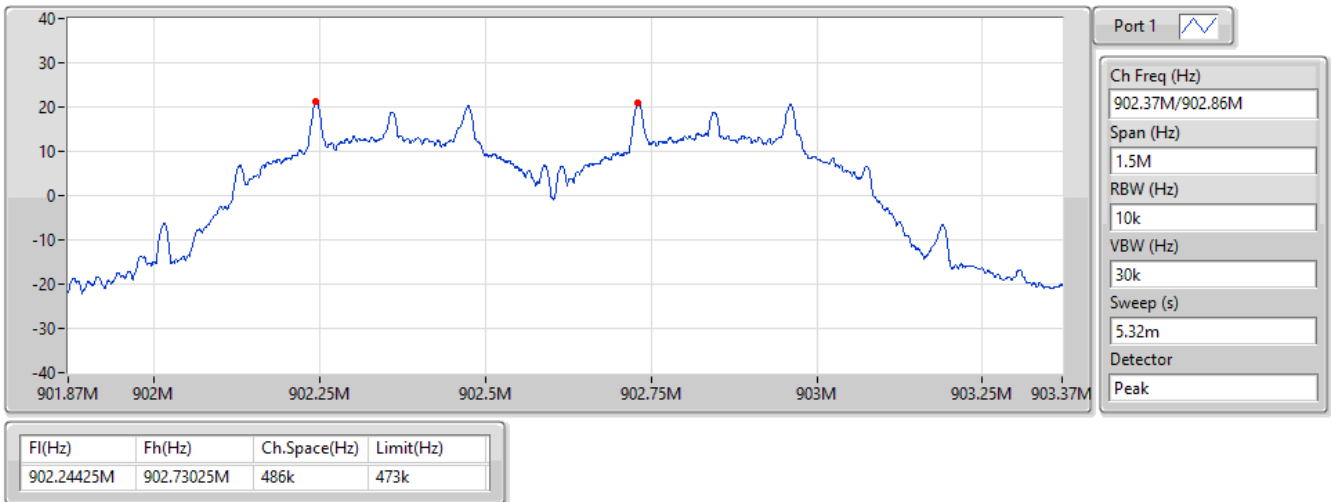
| Mode | Result | Fl (Hz) | Fh (Hz) | Ch.Space (Hz) | Limit (Hz) |
|-----------|--------|------------|------------|------------------|---------------|
| FSK | - | - | - | - | - |
| 902.37MHz | Pass | 902.24425M | 902.73025M | 486k | 473k |
| 915MHz | Pass | 914.869M | 915.355M | 486k | 471.625k |
| 927.62MHz | Pass | 927.2395M | 927.72475M | 485.25k | 470.25k |



902-928MHz

Channel Separation-FS

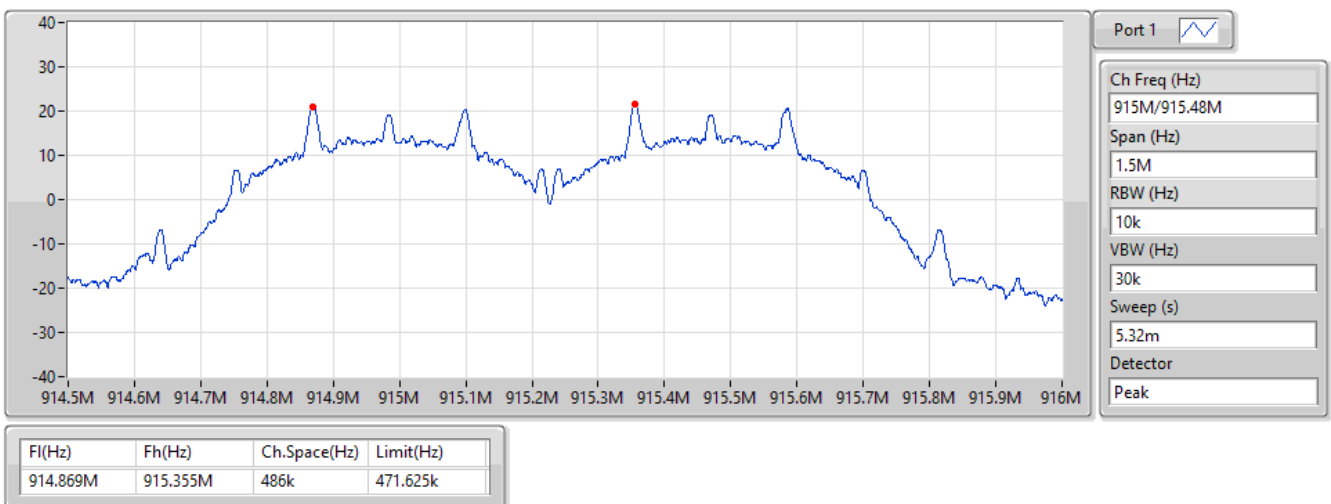
902.37M/902.86MHz



902-928MHz

Channel Separation-FS

915M/915.48MHz

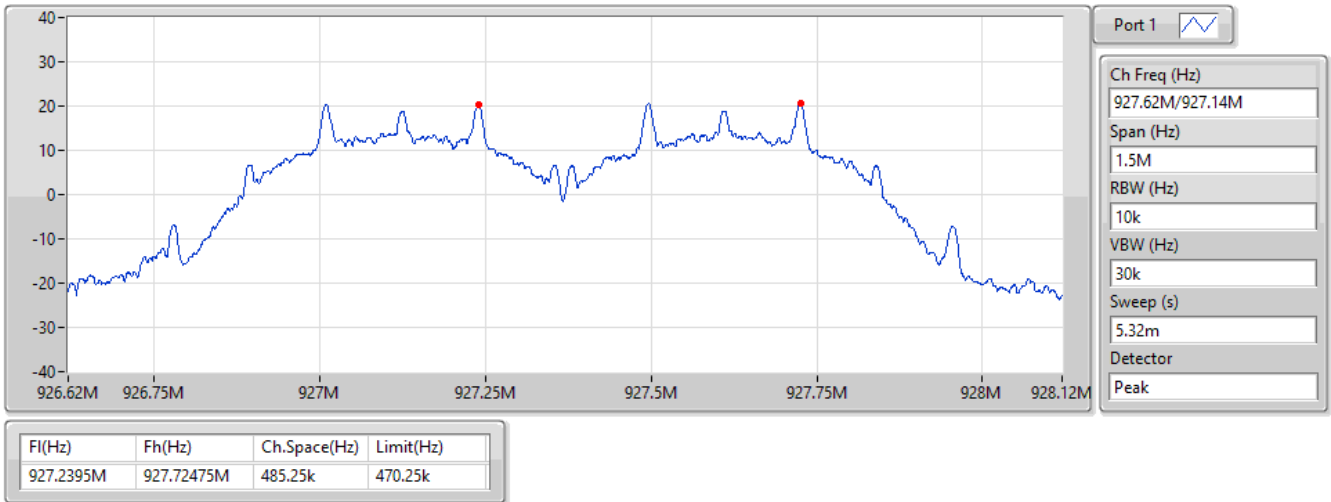




902-928MHz

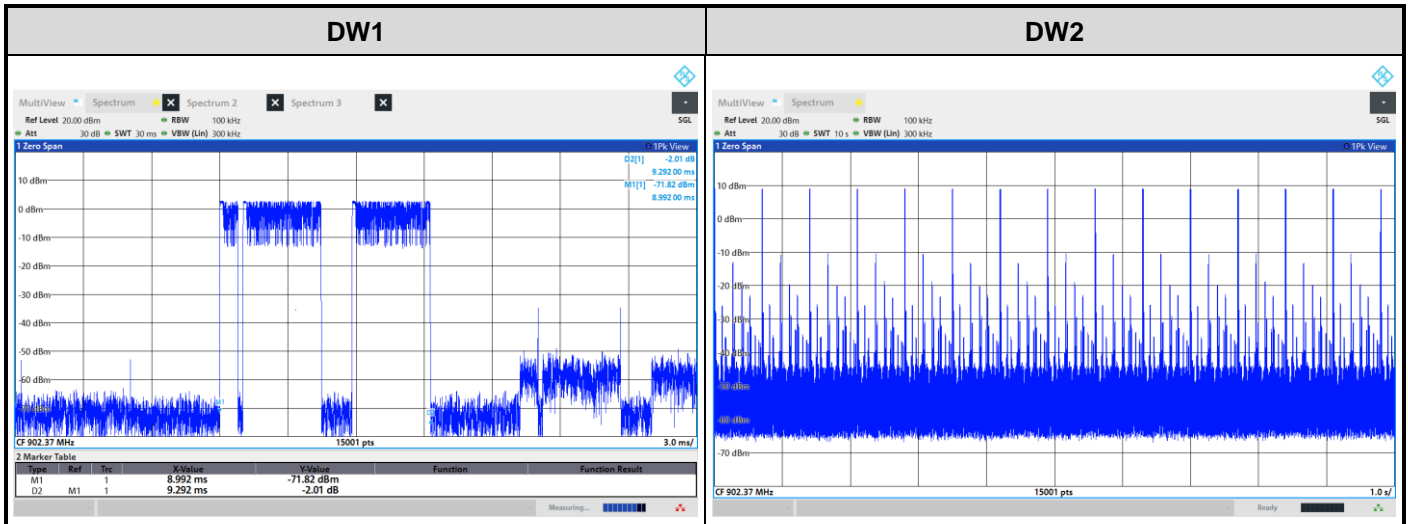
Channel Separation-FS

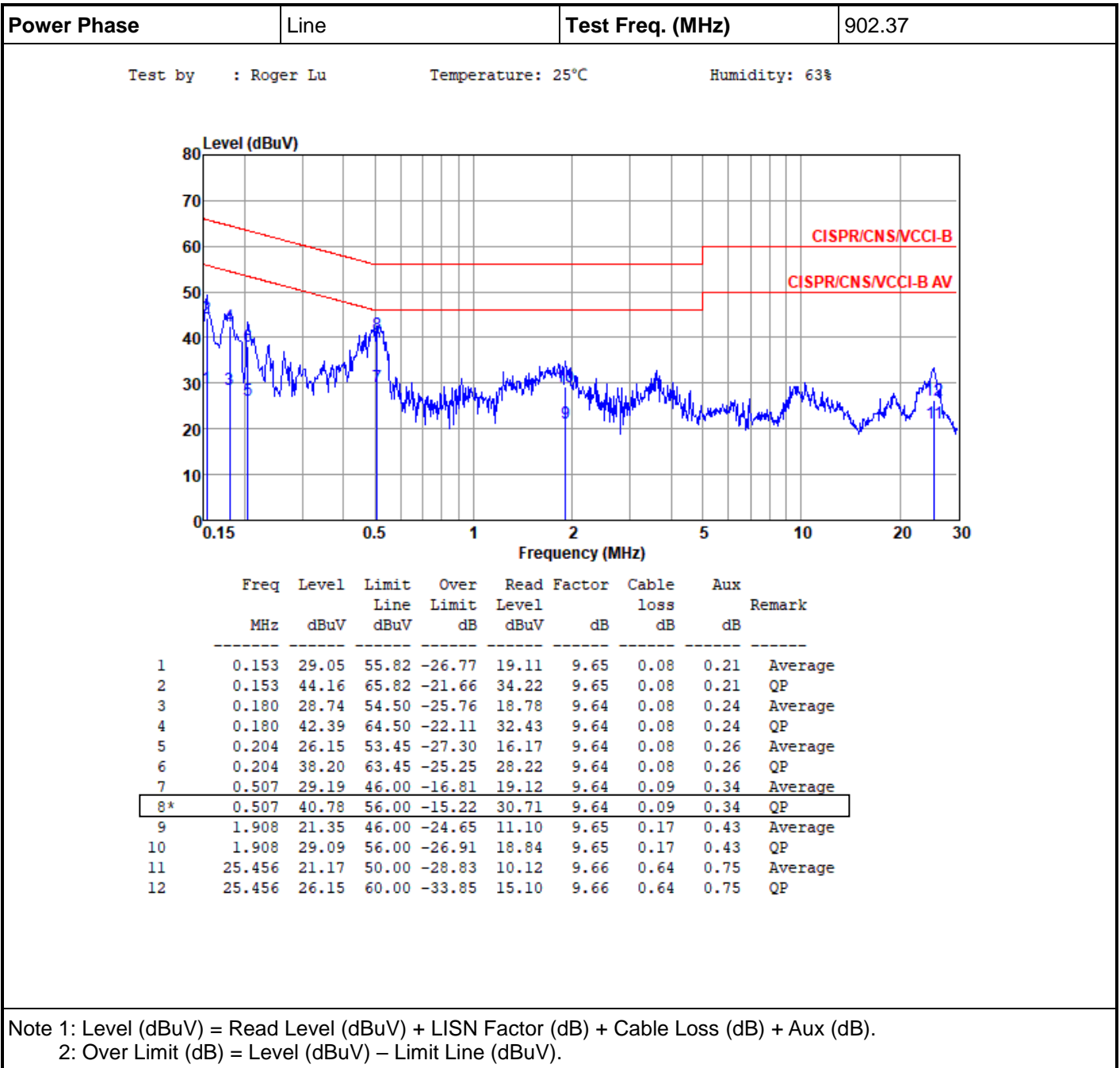
927.62M/927.14MHz

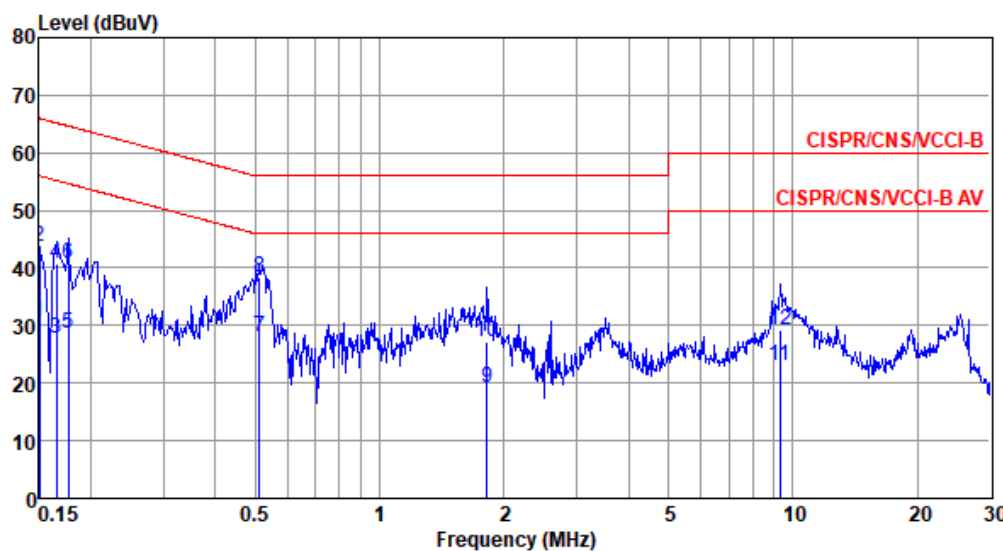


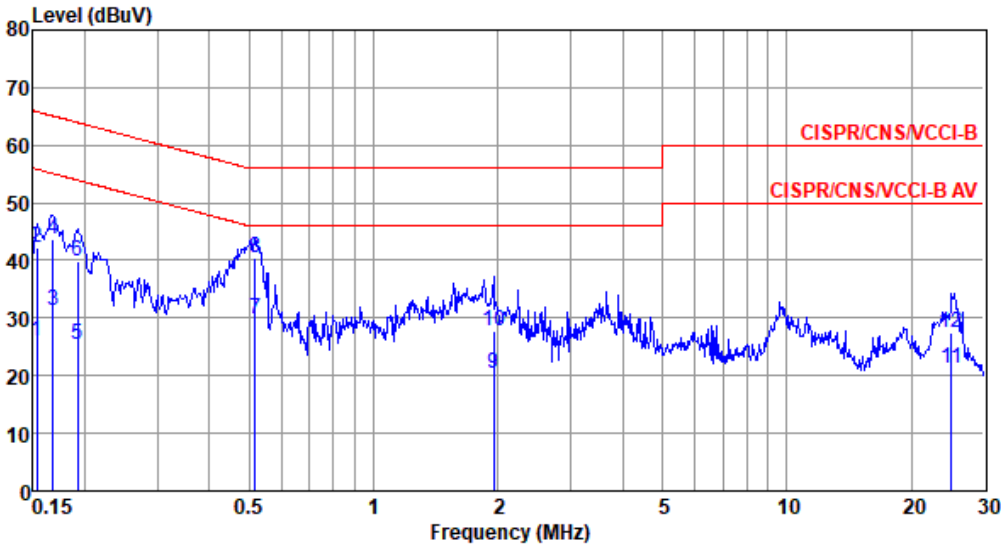


| Mode | Freq. (MHz) | Length of Transmission Time (sec) | Number of Transmission in a 10 s | Result (s) | Limit (s) |
|------|-------------|-----------------------------------|----------------------------------|------------|-----------|
| FSK | 902.37 | 0.009292 | 15 | 0.139380 | 0.4 |





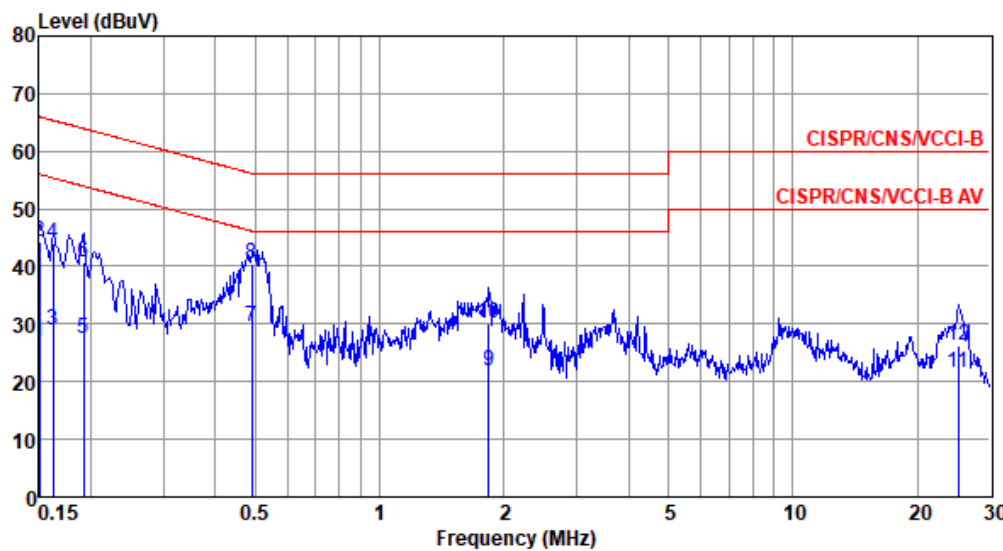
| Power Phase | Neutral | Test Freq. (MHz) | 902.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------|------------------|--------|--------|--------|-------|------|--------|---------|-------|-----|--------|-----|------|------|----|------|----|----|----|--|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|----|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|
| Test by : Roger Lu Temperature: 25°C Humidity: 63% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><div>Level (dBuV)</div><div></div></div><div><table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Cable</th><th>Aux</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV</th><th>dBuV</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1</td><td>0.150</td><td>30.60</td><td>56.00</td><td>-25.40</td><td>20.74</td><td>9.64</td><td>0.08</td><td>0.14</td><td>Average</td></tr><tr><td>2</td><td>0.150</td><td>43.63</td><td>66.00</td><td>-22.37</td><td>33.77</td><td>9.64</td><td>0.08</td><td>0.14</td><td>QP</td></tr><tr><td>3</td><td>0.165</td><td>27.67</td><td>55.21</td><td>-27.54</td><td>17.79</td><td>9.64</td><td>0.08</td><td>0.16</td><td>Average</td></tr><tr><td>4</td><td>0.165</td><td>40.86</td><td>65.21</td><td>-24.35</td><td>30.98</td><td>9.64</td><td>0.08</td><td>0.16</td><td>QP</td></tr><tr><td>5</td><td>0.177</td><td>28.62</td><td>54.64</td><td>-26.02</td><td>18.73</td><td>9.64</td><td>0.08</td><td>0.17</td><td>Average</td></tr><tr><td>6</td><td>0.177</td><td>40.68</td><td>64.64</td><td>-23.96</td><td>30.79</td><td>9.64</td><td>0.08</td><td>0.17</td><td>QP</td></tr><tr><td>7</td><td>0.513</td><td>28.08</td><td>46.00</td><td>-17.92</td><td>18.08</td><td>9.63</td><td>0.09</td><td>0.28</td><td>Average</td></tr><tr><td>8*</td><td>0.513</td><td>38.46</td><td>56.00</td><td>-17.54</td><td>28.46</td><td>9.63</td><td>0.09</td><td>0.28</td><td>QP</td></tr><tr><td>9</td><td>1.819</td><td>19.15</td><td>46.00</td><td>-26.85</td><td>8.93</td><td>9.65</td><td>0.16</td><td>0.41</td><td>Average</td></tr><tr><td>10</td><td>1.819</td><td>27.25</td><td>56.00</td><td>-28.75</td><td>17.03</td><td>9.65</td><td>0.16</td><td>0.41</td><td>QP</td></tr><tr><td>11</td><td>9.302</td><td>22.88</td><td>50.00</td><td>-27.12</td><td>12.34</td><td>9.72</td><td>0.29</td><td>0.53</td><td>Average</td></tr><tr><td>12</td><td>9.302</td><td>29.29</td><td>60.00</td><td>-30.71</td><td>18.75</td><td>9.72</td><td>0.29</td><td>0.53</td><td>QP</td></tr></table></div></div> | | | | Freq | Level | Limit | Over | Read | Factor | Cable | Aux | Remark | MHz | dBuV | dBuV | dB | dBuV | dB | dB | dB | | 1 | 0.150 | 30.60 | 56.00 | -25.40 | 20.74 | 9.64 | 0.08 | 0.14 | Average | 2 | 0.150 | 43.63 | 66.00 | -22.37 | 33.77 | 9.64 | 0.08 | 0.14 | QP | 3 | 0.165 | 27.67 | 55.21 | -27.54 | 17.79 | 9.64 | 0.08 | 0.16 | Average | 4 | 0.165 | 40.86 | 65.21 | -24.35 | 30.98 | 9.64 | 0.08 | 0.16 | QP | 5 | 0.177 | 28.62 | 54.64 | -26.02 | 18.73 | 9.64 | 0.08 | 0.17 | Average | 6 | 0.177 | 40.68 | 64.64 | -23.96 | 30.79 | 9.64 | 0.08 | 0.17 | QP | 7 | 0.513 | 28.08 | 46.00 | -17.92 | 18.08 | 9.63 | 0.09 | 0.28 | Average | 8* | 0.513 | 38.46 | 56.00 | -17.54 | 28.46 | 9.63 | 0.09 | 0.28 | QP | 9 | 1.819 | 19.15 | 46.00 | -26.85 | 8.93 | 9.65 | 0.16 | 0.41 | Average | 10 | 1.819 | 27.25 | 56.00 | -28.75 | 17.03 | 9.65 | 0.16 | 0.41 | QP | 11 | 9.302 | 22.88 | 50.00 | -27.12 | 12.34 | 9.72 | 0.29 | 0.53 | Average | 12 | 9.302 | 29.29 | 60.00 | -30.71 | 18.75 | 9.72 | 0.29 | 0.53 | QP |
| Freq | Level | Limit | Over | Read | Factor | Cable | Aux | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV | dBuV | dB | dBuV | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0.150 | 30.60 | 56.00 | -25.40 | 20.74 | 9.64 | 0.08 | 0.14 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 0.150 | 43.63 | 66.00 | -22.37 | 33.77 | 9.64 | 0.08 | 0.14 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 0.165 | 27.67 | 55.21 | -27.54 | 17.79 | 9.64 | 0.08 | 0.16 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 0.165 | 40.86 | 65.21 | -24.35 | 30.98 | 9.64 | 0.08 | 0.16 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 0.177 | 28.62 | 54.64 | -26.02 | 18.73 | 9.64 | 0.08 | 0.17 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 0.177 | 40.68 | 64.64 | -23.96 | 30.79 | 9.64 | 0.08 | 0.17 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 0.513 | 28.08 | 46.00 | -17.92 | 18.08 | 9.63 | 0.09 | 0.28 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8* | 0.513 | 38.46 | 56.00 | -17.54 | 28.46 | 9.63 | 0.09 | 0.28 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 1.819 | 19.15 | 46.00 | -26.85 | 8.93 | 9.65 | 0.16 | 0.41 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1.819 | 27.25 | 56.00 | -28.75 | 17.03 | 9.65 | 0.16 | 0.41 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 9.302 | 22.88 | 50.00 | -27.12 | 12.34 | 9.72 | 0.29 | 0.53 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 9.302 | 29.29 | 60.00 | -30.71 | 18.75 | 9.72 | 0.29 | 0.53 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB). 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Power Phase | Line | Test Freq. (MHz) | 915 | | | | | | |
|--|--------|------------------|-------|--------|--------|-------|------|--------|---------|
| Test by : Roger Lu Temperature: 25°C Humidity: 63% | | | | | | | | | |
| <div></div> | | | | | | | | | |
| Freq | Level | Limit | Over | Read | Factor | Cable | Aux | Remark | |
| MHz | dBuV | dBuV | dB | Level | dB | loss | dB | | |
| 1 | 0.153 | 26.11 | 55.82 | -29.71 | 16.17 | 9.65 | 0.08 | 0.21 | Average |
| 2 | 0.153 | 42.17 | 65.82 | -23.65 | 32.23 | 9.65 | 0.08 | 0.21 | QP |
| 3 | 0.168 | 31.18 | 55.08 | -23.90 | 21.22 | 9.65 | 0.08 | 0.23 | Average |
| 4 | 0.168 | 43.66 | 65.08 | -21.42 | 33.70 | 9.65 | 0.08 | 0.23 | QP |
| 5 | 0.192 | 25.52 | 53.93 | -28.41 | 15.55 | 9.64 | 0.08 | 0.25 | Average |
| 6 | 0.192 | 39.98 | 63.93 | -23.95 | 30.01 | 9.64 | 0.08 | 0.25 | QP |
| 7 | 0.516 | 29.70 | 46.00 | -16.30 | 19.63 | 9.64 | 0.09 | 0.34 | Average |
| 8* | 0.516 | 40.41 | 56.00 | -15.59 | 30.34 | 9.64 | 0.09 | 0.34 | QP |
| 9 | 1.949 | 20.49 | 46.00 | -25.51 | 10.24 | 9.65 | 0.17 | 0.43 | Average |
| 10 | 1.949 | 27.86 | 56.00 | -28.14 | 17.61 | 9.65 | 0.17 | 0.43 | QP |
| 11 | 25.055 | 21.19 | 50.00 | -28.81 | 10.16 | 9.66 | 0.63 | 0.74 | Average |
| 12 | 25.055 | 27.49 | 60.00 | -32.51 | 16.46 | 9.66 | 0.63 | 0.74 | QP |

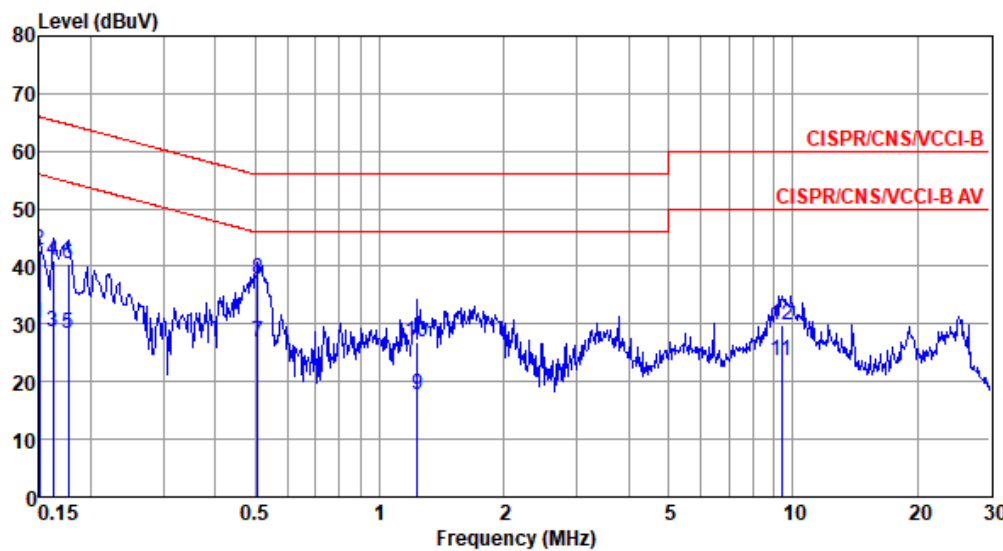
Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).



| Power Phase | Neutral | Test Freq. (MHz) | 915 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------|------------------|-------|--------|-------|--------|-------|------|---------|--------|-------|-----|--------|--|-----|------|------|-------|-------|----|------|----|--|--|--|--|------|----|------|--|----|--|--|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|----|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|
| Test by : Roger Lu Temperature: 25°C Humidity: 63% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><div>Level (dBuV)</div><div></div><div>Frequency (MHz)</div></div><table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Cable</th><th>Aux</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV</th><th>Line</th><th>Limit</th><th>Level</th><th>dB</th><th>loss</th><th>dB</th><th></th></tr><tr><th></th><th></th><th></th><th>dBuV</th><th>dB</th><th>dBuV</th><th></th><th>dB</th><th></th><th></th></tr><tr><td>1</td><td>0.174</td><td>29.49</td><td>54.77</td><td>-25.28</td><td>19.60</td><td>9.64</td><td>0.08</td><td>0.17</td><td>Average</td></tr><tr><td>2</td><td>0.174</td><td>41.25</td><td>64.77</td><td>-23.52</td><td>31.36</td><td>9.64</td><td>0.08</td><td>0.17</td><td>QP</td></tr><tr><td>3</td><td>0.186</td><td>27.22</td><td>54.20</td><td>-26.98</td><td>17.31</td><td>9.64</td><td>0.08</td><td>0.19</td><td>Average</td></tr><tr><td>4</td><td>0.186</td><td>39.41</td><td>64.20</td><td>-24.79</td><td>29.50</td><td>9.64</td><td>0.08</td><td>0.19</td><td>QP</td></tr><tr><td>5</td><td>0.201</td><td>25.20</td><td>53.58</td><td>-28.38</td><td>15.28</td><td>9.64</td><td>0.08</td><td>0.20</td><td>Average</td></tr><tr><td>6</td><td>0.201</td><td>36.82</td><td>63.58</td><td>-26.76</td><td>26.90</td><td>9.64</td><td>0.08</td><td>0.20</td><td>QP</td></tr><tr><td>7</td><td>0.516</td><td>27.63</td><td>46.00</td><td>-18.37</td><td>17.63</td><td>9.63</td><td>0.09</td><td>0.28</td><td>Average</td></tr><tr><td>8*</td><td>0.516</td><td>38.02</td><td>56.00</td><td>-17.98</td><td>28.02</td><td>9.63</td><td>0.09</td><td>0.28</td><td>QP</td></tr><tr><td>9</td><td>1.645</td><td>21.30</td><td>46.00</td><td>-24.70</td><td>11.10</td><td>9.65</td><td>0.15</td><td>0.40</td><td>Average</td></tr><tr><td>10</td><td>1.645</td><td>28.77</td><td>56.00</td><td>-27.23</td><td>18.57</td><td>9.65</td><td>0.15</td><td>0.40</td><td>QP</td></tr><tr><td>11</td><td>9.757</td><td>22.92</td><td>50.00</td><td>-27.08</td><td>12.36</td><td>9.72</td><td>0.30</td><td>0.54</td><td>Average</td></tr><tr><td>12</td><td>9.757</td><td>29.07</td><td>60.00</td><td>-30.93</td><td>18.51</td><td>9.72</td><td>0.30</td><td>0.54</td><td>QP</td></tr></table></div> | | | | | Freq | Level | Limit | Over | Read | Factor | Cable | Aux | Remark | | MHz | dBuV | Line | Limit | Level | dB | loss | dB | | | | | dBuV | dB | dBuV | | dB | | | 1 | 0.174 | 29.49 | 54.77 | -25.28 | 19.60 | 9.64 | 0.08 | 0.17 | Average | 2 | 0.174 | 41.25 | 64.77 | -23.52 | 31.36 | 9.64 | 0.08 | 0.17 | QP | 3 | 0.186 | 27.22 | 54.20 | -26.98 | 17.31 | 9.64 | 0.08 | 0.19 | Average | 4 | 0.186 | 39.41 | 64.20 | -24.79 | 29.50 | 9.64 | 0.08 | 0.19 | QP | 5 | 0.201 | 25.20 | 53.58 | -28.38 | 15.28 | 9.64 | 0.08 | 0.20 | Average | 6 | 0.201 | 36.82 | 63.58 | -26.76 | 26.90 | 9.64 | 0.08 | 0.20 | QP | 7 | 0.516 | 27.63 | 46.00 | -18.37 | 17.63 | 9.63 | 0.09 | 0.28 | Average | 8* | 0.516 | 38.02 | 56.00 | -17.98 | 28.02 | 9.63 | 0.09 | 0.28 | QP | 9 | 1.645 | 21.30 | 46.00 | -24.70 | 11.10 | 9.65 | 0.15 | 0.40 | Average | 10 | 1.645 | 28.77 | 56.00 | -27.23 | 18.57 | 9.65 | 0.15 | 0.40 | QP | 11 | 9.757 | 22.92 | 50.00 | -27.08 | 12.36 | 9.72 | 0.30 | 0.54 | Average | 12 | 9.757 | 29.07 | 60.00 | -30.93 | 18.51 | 9.72 | 0.30 | 0.54 | QP |
| | Freq | Level | Limit | Over | Read | Factor | Cable | Aux | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV | Line | Limit | Level | dB | loss | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | dBuV | dB | dBuV | | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0.174 | 29.49 | 54.77 | -25.28 | 19.60 | 9.64 | 0.08 | 0.17 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 0.174 | 41.25 | 64.77 | -23.52 | 31.36 | 9.64 | 0.08 | 0.17 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 0.186 | 27.22 | 54.20 | -26.98 | 17.31 | 9.64 | 0.08 | 0.19 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 0.186 | 39.41 | 64.20 | -24.79 | 29.50 | 9.64 | 0.08 | 0.19 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 0.201 | 25.20 | 53.58 | -28.38 | 15.28 | 9.64 | 0.08 | 0.20 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 0.201 | 36.82 | 63.58 | -26.76 | 26.90 | 9.64 | 0.08 | 0.20 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 0.516 | 27.63 | 46.00 | -18.37 | 17.63 | 9.63 | 0.09 | 0.28 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8* | 0.516 | 38.02 | 56.00 | -17.98 | 28.02 | 9.63 | 0.09 | 0.28 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 1.645 | 21.30 | 46.00 | -24.70 | 11.10 | 9.65 | 0.15 | 0.40 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1.645 | 28.77 | 56.00 | -27.23 | 18.57 | 9.65 | 0.15 | 0.40 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 9.757 | 22.92 | 50.00 | -27.08 | 12.36 | 9.72 | 0.30 | 0.54 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 9.757 | 29.07 | 60.00 | -30.93 | 18.51 | 9.72 | 0.30 | 0.54 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Power Phase | Line | Test Freq. (MHz) | 927.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------|------------------|--------|--------|--------|-------|------|--------|---------|-------|-----|--------|-----|------|------|-------|-------|----|------|----|--|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|----|--------|-------|-------|--------|-------|------|------|------|---------|----|--------|-------|-------|--------|-------|------|------|------|----|
| Test by : Roger Lu Temperature: 25°C Humidity: 63% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><div>Level (dBUV)</div><div></div></div><div><table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Cable</th><th>Aux</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV</th><th>Line</th><th>Limit</th><th>Level</th><th>dB</th><th>loss</th><th>dB</th><th></th></tr><tr><td>1</td><td>0.150</td><td>26.75</td><td>56.00</td><td>-29.25</td><td>16.81</td><td>9.65</td><td>0.08</td><td>0.21</td><td>Average</td></tr><tr><td>2</td><td>0.150</td><td>44.32</td><td>66.00</td><td>-21.68</td><td>34.38</td><td>9.65</td><td>0.08</td><td>0.21</td><td>QP</td></tr><tr><td>3</td><td>0.162</td><td>28.95</td><td>55.34</td><td>-26.39</td><td>19.00</td><td>9.65</td><td>0.08</td><td>0.22</td><td>Average</td></tr><tr><td>4</td><td>0.162</td><td>44.08</td><td>65.34</td><td>-21.26</td><td>34.13</td><td>9.65</td><td>0.08</td><td>0.22</td><td>QP</td></tr><tr><td>5</td><td>0.192</td><td>27.40</td><td>53.93</td><td>-26.53</td><td>17.43</td><td>9.64</td><td>0.08</td><td>0.25</td><td>Average</td></tr><tr><td>6</td><td>0.192</td><td>40.61</td><td>63.93</td><td>-23.32</td><td>30.64</td><td>9.64</td><td>0.08</td><td>0.25</td><td>QP</td></tr><tr><td>7</td><td>0.491</td><td>29.65</td><td>46.14</td><td>-16.49</td><td>19.58</td><td>9.64</td><td>0.09</td><td>0.34</td><td>Average</td></tr><tr><td>8*</td><td>0.491</td><td>40.48</td><td>56.14</td><td>-15.66</td><td>30.41</td><td>9.64</td><td>0.09</td><td>0.34</td><td>QP</td></tr><tr><td>9</td><td>1.839</td><td>21.75</td><td>46.00</td><td>-24.25</td><td>11.51</td><td>9.65</td><td>0.16</td><td>0.43</td><td>Average</td></tr><tr><td>10</td><td>1.839</td><td>30.08</td><td>56.00</td><td>-25.92</td><td>19.84</td><td>9.65</td><td>0.16</td><td>0.43</td><td>QP</td></tr><tr><td>11</td><td>25.188</td><td>21.55</td><td>50.00</td><td>-28.45</td><td>10.52</td><td>9.66</td><td>0.63</td><td>0.74</td><td>Average</td></tr><tr><td>12</td><td>25.188</td><td>26.33</td><td>60.00</td><td>-33.67</td><td>15.30</td><td>9.66</td><td>0.63</td><td>0.74</td><td>QP</td></tr></table></div></div> | | | | Freq | Level | Limit | Over | Read | Factor | Cable | Aux | Remark | MHz | dBuV | Line | Limit | Level | dB | loss | dB | | 1 | 0.150 | 26.75 | 56.00 | -29.25 | 16.81 | 9.65 | 0.08 | 0.21 | Average | 2 | 0.150 | 44.32 | 66.00 | -21.68 | 34.38 | 9.65 | 0.08 | 0.21 | QP | 3 | 0.162 | 28.95 | 55.34 | -26.39 | 19.00 | 9.65 | 0.08 | 0.22 | Average | 4 | 0.162 | 44.08 | 65.34 | -21.26 | 34.13 | 9.65 | 0.08 | 0.22 | QP | 5 | 0.192 | 27.40 | 53.93 | -26.53 | 17.43 | 9.64 | 0.08 | 0.25 | Average | 6 | 0.192 | 40.61 | 63.93 | -23.32 | 30.64 | 9.64 | 0.08 | 0.25 | QP | 7 | 0.491 | 29.65 | 46.14 | -16.49 | 19.58 | 9.64 | 0.09 | 0.34 | Average | 8* | 0.491 | 40.48 | 56.14 | -15.66 | 30.41 | 9.64 | 0.09 | 0.34 | QP | 9 | 1.839 | 21.75 | 46.00 | -24.25 | 11.51 | 9.65 | 0.16 | 0.43 | Average | 10 | 1.839 | 30.08 | 56.00 | -25.92 | 19.84 | 9.65 | 0.16 | 0.43 | QP | 11 | 25.188 | 21.55 | 50.00 | -28.45 | 10.52 | 9.66 | 0.63 | 0.74 | Average | 12 | 25.188 | 26.33 | 60.00 | -33.67 | 15.30 | 9.66 | 0.63 | 0.74 | QP |
| Freq | Level | Limit | Over | Read | Factor | Cable | Aux | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV | Line | Limit | Level | dB | loss | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0.150 | 26.75 | 56.00 | -29.25 | 16.81 | 9.65 | 0.08 | 0.21 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 0.150 | 44.32 | 66.00 | -21.68 | 34.38 | 9.65 | 0.08 | 0.21 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 0.162 | 28.95 | 55.34 | -26.39 | 19.00 | 9.65 | 0.08 | 0.22 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 0.162 | 44.08 | 65.34 | -21.26 | 34.13 | 9.65 | 0.08 | 0.22 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 0.192 | 27.40 | 53.93 | -26.53 | 17.43 | 9.64 | 0.08 | 0.25 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 0.192 | 40.61 | 63.93 | -23.32 | 30.64 | 9.64 | 0.08 | 0.25 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 0.491 | 29.65 | 46.14 | -16.49 | 19.58 | 9.64 | 0.09 | 0.34 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8* | 0.491 | 40.48 | 56.14 | -15.66 | 30.41 | 9.64 | 0.09 | 0.34 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 1.839 | 21.75 | 46.00 | -24.25 | 11.51 | 9.65 | 0.16 | 0.43 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1.839 | 30.08 | 56.00 | -25.92 | 19.84 | 9.65 | 0.16 | 0.43 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 25.188 | 21.55 | 50.00 | -28.45 | 10.52 | 9.66 | 0.63 | 0.74 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 25.188 | 26.33 | 60.00 | -33.67 | 15.30 | 9.66 | 0.63 | 0.74 | QP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB). 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | | | | | | | |
|--|-------------|------------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| Power Phase | Neutral | Test Freq. (MHz) | 927.62 | | | | | | |
| Test by : Roger Lu Temperature: 25°C Humidity: 63% | | | | | | | | | |
| <div><div>Level (dBUV)</div><div></div><div>Frequency (MHz)</div></div> | | | | | | | | | |
| | Freq MHz | Level dBUV | Limit Line dBUV | Over Limit dB | Read Level dBUV | Factor dB | Cable loss dB | Aux dB | Remark |
| 1 | 0.150 | 30.22 | 56.00 | -25.78 | 20.36 | 9.64 | 0.08 | 0.14 | Average |
| 2 | 0.150 | 42.81 | 66.00 | -23.19 | 32.95 | 9.64 | 0.08 | 0.14 | QP |
| 3 | 0.162 | 28.66 | 55.34 | -26.68 | 18.78 | 9.64 | 0.08 | 0.16 | Average |
| 4 | 0.162 | 41.04 | 65.34 | -24.30 | 31.16 | 9.64 | 0.08 | 0.16 | QP |
| 5 | 0.177 | 28.34 | 54.64 | -26.30 | 18.45 | 9.64 | 0.08 | 0.17 | Average |
| 6 | 0.177 | 40.32 | 64.64 | -24.32 | 30.43 | 9.64 | 0.08 | 0.17 | QP |
| 7 | 0.507 | 26.86 | 46.00 | -19.14 | 16.86 | 9.63 | 0.09 | 0.28 | Average |
| 8* | 0.507 | 37.85 | 56.00 | -18.15 | 27.85 | 9.63 | 0.09 | 0.28 | QP |
| 9 | 1.236 | 17.84 | 46.00 | -28.16 | 7.71 | 9.64 | 0.12 | 0.37 | Average |
| 10 | 1.236 | 26.73 | 56.00 | -29.27 | 16.60 | 9.64 | 0.12 | 0.37 | QP |
| 11 | 9.401 | 23.68 | 50.00 | -26.32 | 13.13 | 9.72 | 0.29 | 0.54 | Average |
| 12 | 9.401 | 29.88 | 60.00 | -30.12 | 19.33 | 9.72 | 0.29 | 0.54 | QP |

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).