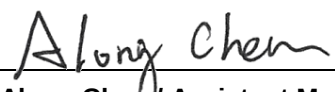


# FCC C2PC Test Report

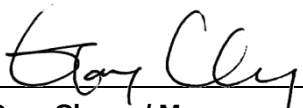
**FCC ID** : KQL-1110200  
**Equipment** : 915 MHz Wireless Module  
**Model No.** : LT1110-200  
**Brand Name** : Ezurio  
**Applicant** : Ezurio LLC  
**Address** : W66N220 Commerce Court, Cedarburg, WI  
53012, USA  
**Standard** : 47 CFR FCC Part 15.247  
**Received Date** : May 14, 2025  
**Tested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

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## 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<br>40.78 (Margin -15.22dB) - QP        | Pass   |
| 15.247(d)<br>15.209 | Unwanted Emissions               | [dBuV/m at 3m]: 71.71MHz<br>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             |

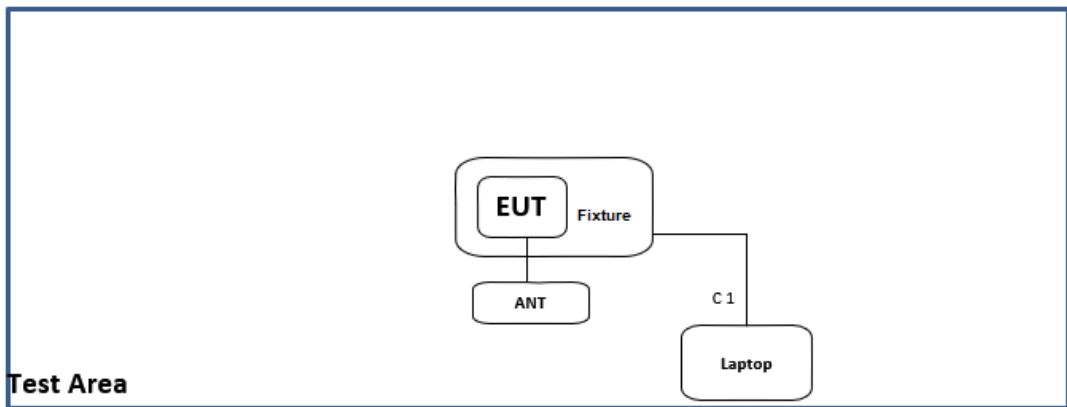
### 1.1.7 Power Index of Test Tool

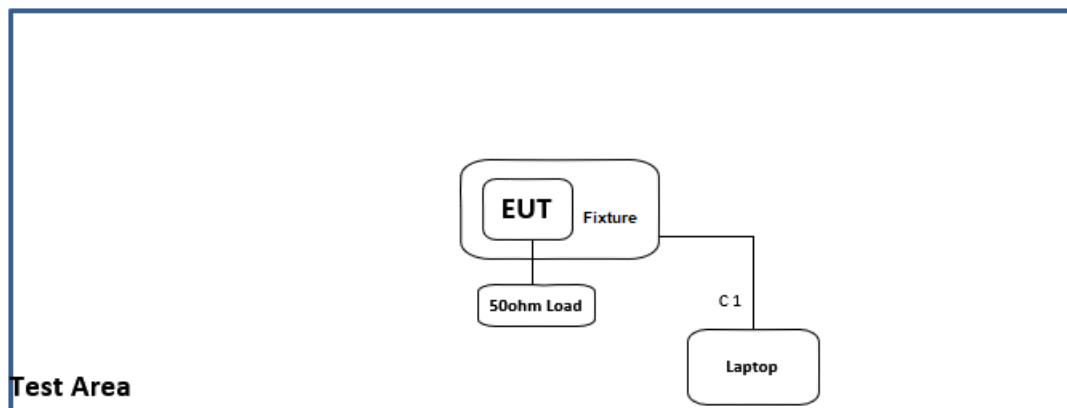
| Test Frequency (MHz) | Power Index |
|----------------------|-------------|
| 902.37               | 0x00        |
| 915                  | 0x00        |
| 927.62               | 0x00        |

## 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

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

|                                                                     |                            |                           |                   |                         |                          |
|---------------------------------------------------------------------|----------------------------|---------------------------|-------------------|-------------------------|--------------------------|
| <b>Test Item</b>                                                    | Radiated Emission          |                           |                   |                         |                          |
| <b>Test Site</b>                                                    | 966 chamber1 / (03CH01-WS) |                           |                   |                         |                          |
| <b>Tested Date</b>                                                  | May 19, 2025               |                           |                   |                         |                          |
| <b>Instrument</b>                                                   | <b>Brand</b>               | <b>Model No.</b>          | <b>Serial No.</b> | <b>Calibration Date</b> | <b>Calibration Until</b> |
| 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<br>W-11000 | 200801            | Oct. 02, 2024           | Oct. 01, 2025            |
| LF cable 1M                                                         | EMC                        | EMCCFD400-NM-N<br>M-1000  | 160502            | Oct. 02, 2024           | Oct. 01, 2025            |
| RF Cable                                                            | EMC                        | EMC104-35M-35M-<br>8000   | 210920            | Oct. 02, 2024           | Oct. 01, 2025            |
| RF Cable                                                            | EMC                        | EMC104-35M-35M-<br>3000   | 210922            | Oct. 02, 2024           | Oct. 01, 2025            |
| Attenuator                                                          | Pasternack                 | PE7005-10                 | 10-1              | Oct. 02, 2024           | Oct. 01, 2025            |
| HIGHPASS FILTER<br>1.5-15G                                          | WHK                        | WHK1.5/15G-10ST           | 21                | Oct. 02, 2024           | Oct. 01, 2025            |
| Measurement<br>Software                                             | Sporton                    | SENSE-EMI                 | V5.11             | NA                      | NA                       |
| Measurement<br>Software                                             | Sporton                    | SENSE-15247_FS            | V5.11             | NA                      | NA                       |
| Note: Calibration Interval of instruments listed above is one year. |                            |                           |                   |                         |                          |

|                                                                     |              |                  |                   |                         |                          |
|---------------------------------------------------------------------|--------------|------------------|-------------------|-------------------------|--------------------------|
| <b>Test Item</b>                                                    | RF Conducted |                  |                   |                         |                          |
| <b>Test Site</b>                                                    | (TH01-WS)    |                  |                   |                         |                          |
| <b>Tested Date</b>                                                  | May 16, 2025 |                  |                   |                         |                          |
| <b>Instrument</b>                                                   | <b>Brand</b> | <b>Model No.</b> | <b>Serial No.</b> | <b>Calibration Date</b> | <b>Calibration Until</b> |
| 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<br>1.5-15G                                          | WHK          | WHK1.5/15G-10ST  | 21                | Oct. 02, 2024           | Oct. 01, 2025            |
| Measurement<br>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                      | $\pm 34.130$ Hz |
| Conducted power                | $\pm 0.808$ dB  |
| Power density                  | $\pm 0.583$ dB  |
| Unwanted Emission $\leq 1$ GHz | $\pm 3.41$ dB   |
| Unwanted Emission $> 1$ GHz    | $\pm 4.59$ dB   |

## 2 Test Configuration

### 2.1 Testing Facility

|                             |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| <b>Test Laboratory</b>      | International Certification Corporation                                                |
| <b>Test Site</b>            | CO01-WS, 03CH01-WS, TH01-WS                                                            |
| <b>Address of Test Site</b> | 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
- ISSED#: 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<br>Unwanted Emissions<br>Conducted Output Power<br>Hopping Channel Separation<br>20dB and Occupied bandwidth<br>Power Spectral Density                                                                                                                                                            | 500                     | 902.37 / 915 / 927.62 | --                 |
| Number of Hopping Channels                                                                                                                                                                                                                                                                                                         | 500                     | 902.37 ~ 927.62       | --                 |
| Dwell Time                                                                                                                                                                                                                                                                                                                         | 500                     | 902.37                | --                 |
| <b>NOTE:</b><br>1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The <b>Z-plane</b> results were found as the worst case and were shown in this report.<br>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

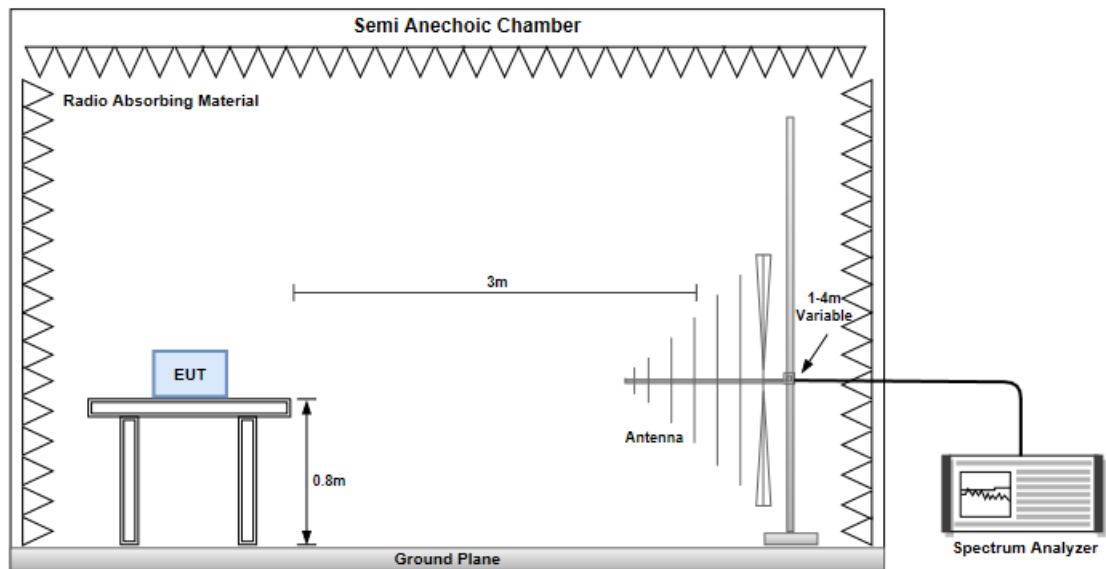
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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:

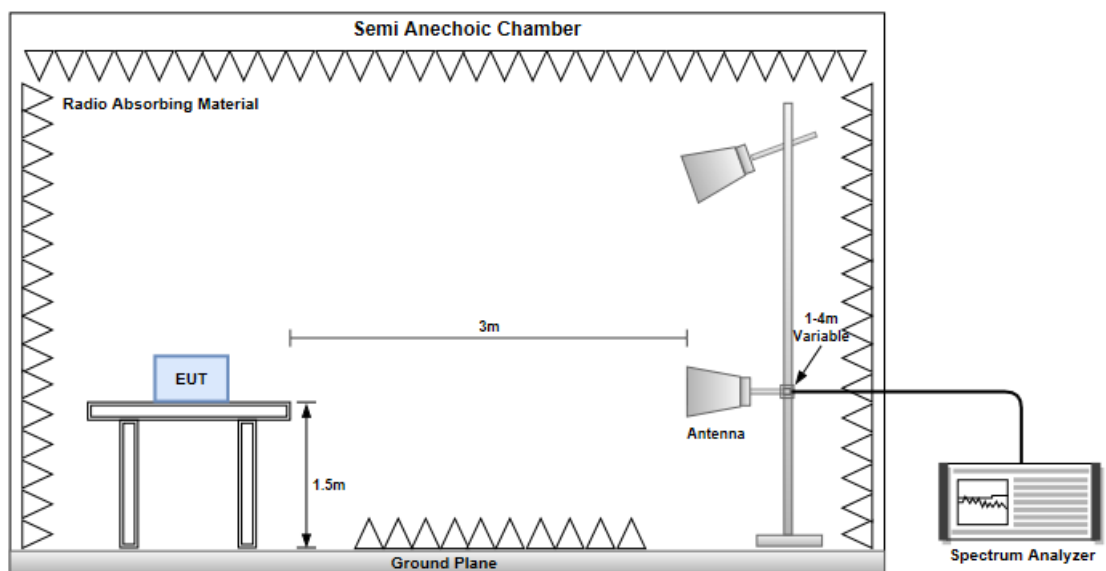
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

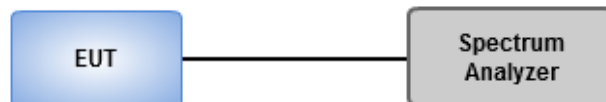
#### Reference Level Measurement

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

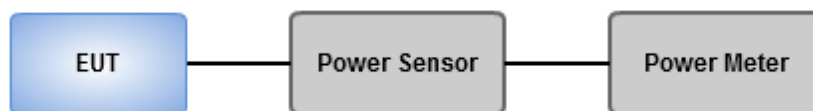
#### 3.3.1 Limit of Conducted Output Power

- ☒ 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

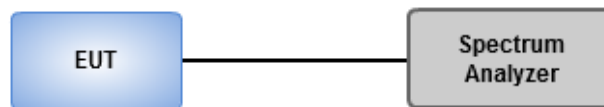
#### 3.4.1 Limit of Number of Hopping Frequency

| 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

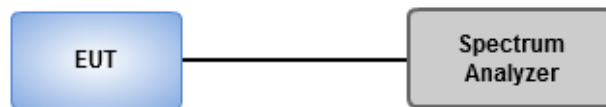
##### 20dB Bandwidth

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

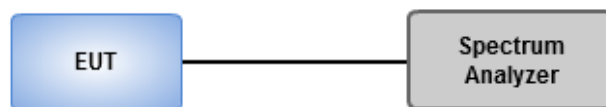
### 3.6.1 Limit of Channel Separation

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

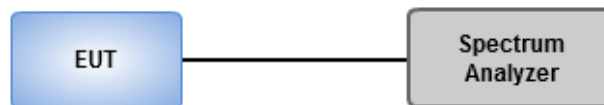
#### 3.7.1 Limit of Dwell time

| 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

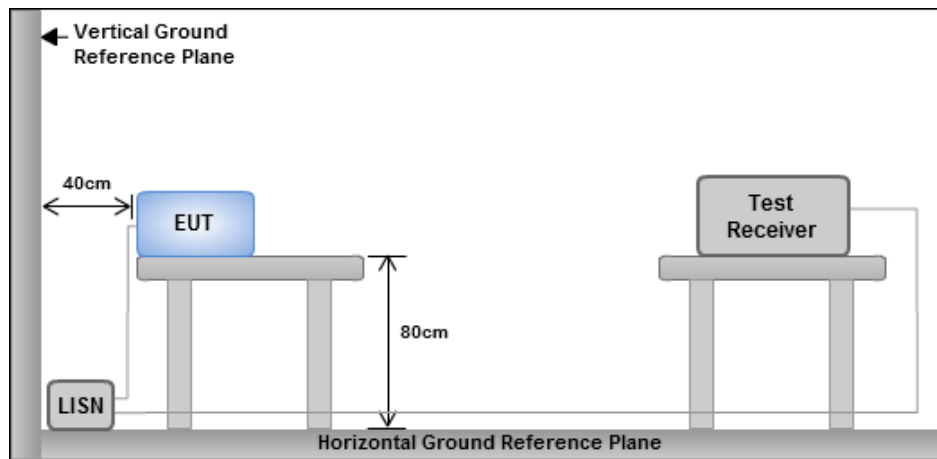
| Conducted Emissions Limit |            |           |
|---------------------------|------------|-----------|
| Frequency Emission (MHz)  | Quasi-Peak | Average   |
| 0.15-0.5                  | 66 - 56 *  | 56 - 46 * |
| 0.5-5                     | 56         | 46        |
| 5-30                      | 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  $\Omega$  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.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

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>.

### **Linkou**

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou  
District, New Taipei City, Taiwan  
(R.O.C.)

### **Kwei Shan**

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)  
No.2-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

### **Kwei Shan Site II**

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC\_Service@icertifi.com.tw

==END==



**Summary**

| Mode       | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | DG<br>(dBi) | Psum<br>(dBm) | GRF<br>(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(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<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | DG<br>(dBi) | Psum<br>(dBm) | GRF<br>(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(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         |

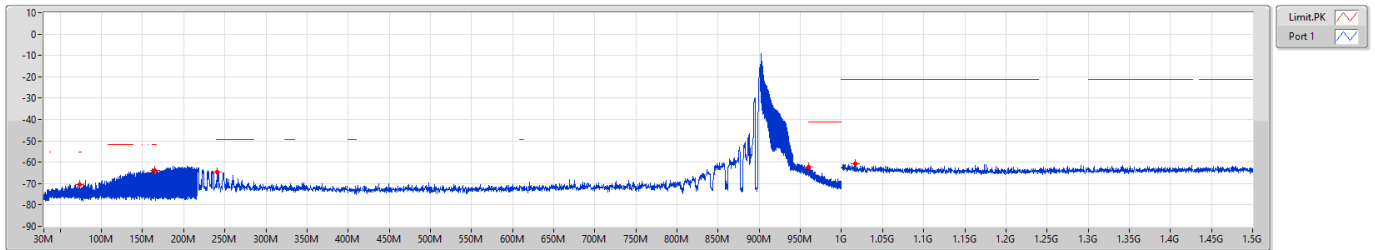
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



902-928MHz

CSE Bandedge-FS [PK]

902.37MHz

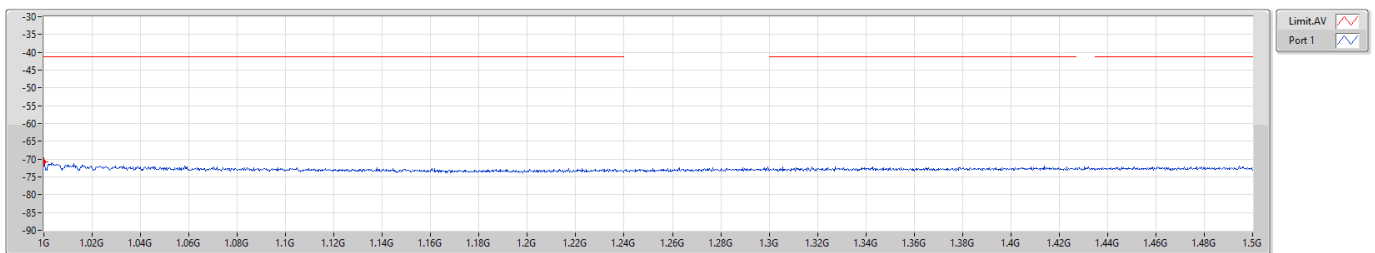


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Prum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 30M         | 88M        | 100k    | PK   | 73.99M   | -70.54    | -70.54  |
| 88M         | 216M       | 100k    | PK   | 164.8M   | -63.73    | -63.73  |
| 216M        | 902M       | 100k    | PK   | 240.35M  | -64.48    | -64.48  |
| 928M        | 1G         | 100k    | PK   | 960.08M  | -62.11    | -62.11  |
| 1G          | 1.5G       | 1M      | PK   | 1.01625G | -60.66    | -60.66  |

902-928MHz

CSE Bandedge-FS [AV]

902.37MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Prum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G          | 1.5G       | 1M      | AV   | 1G       | -70.85    | -70.85  |



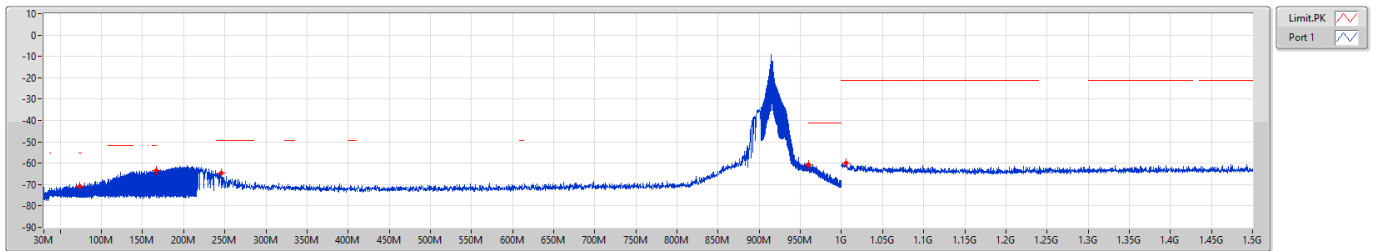
# Unwanted Conducted Emissions into Restricted Frequency Bands (30MHz ~1.5GHz)

## Appendix A.1

902-928MHz

CSE Bandedge-FS [PK]

915MHz

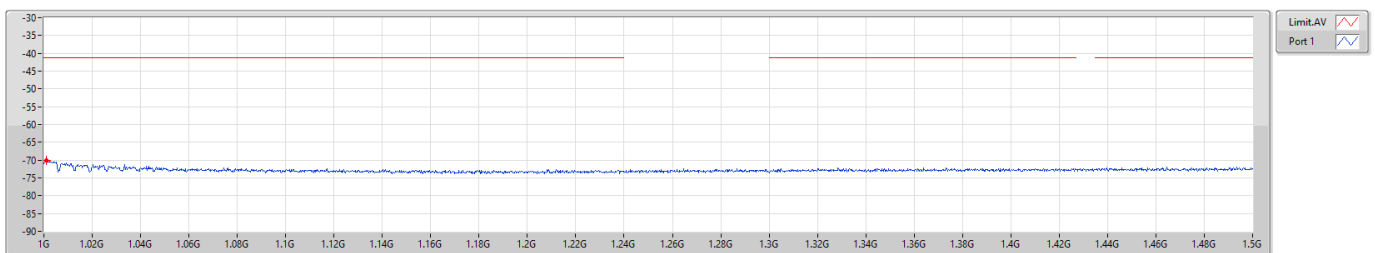


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 30M         | 88M        | 100k    | PK   | 73.18M   | -70.67    | -70.67  |
| 88M         | 216M       | 100k    | PK   | 166.72M  | -63.63    | -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  |



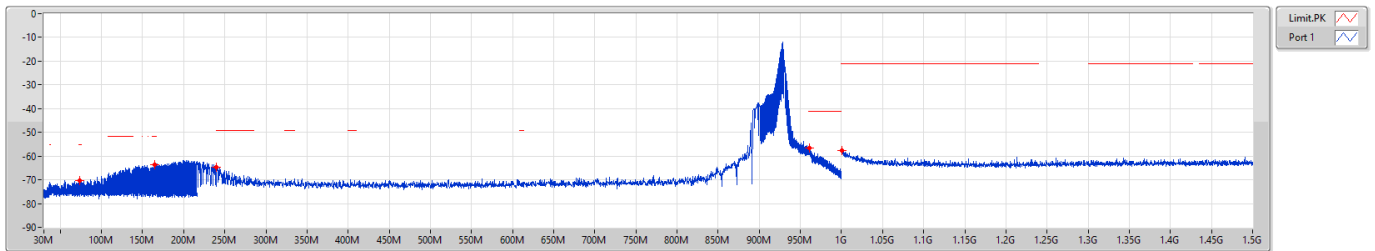
# Unwanted Conducted Emissions into Restricted Frequency Bands (30MHz ~1.5GHz)

## Appendix A.1

902-928MHz

CSE Bandedge-FS [PK]

927.62MHz

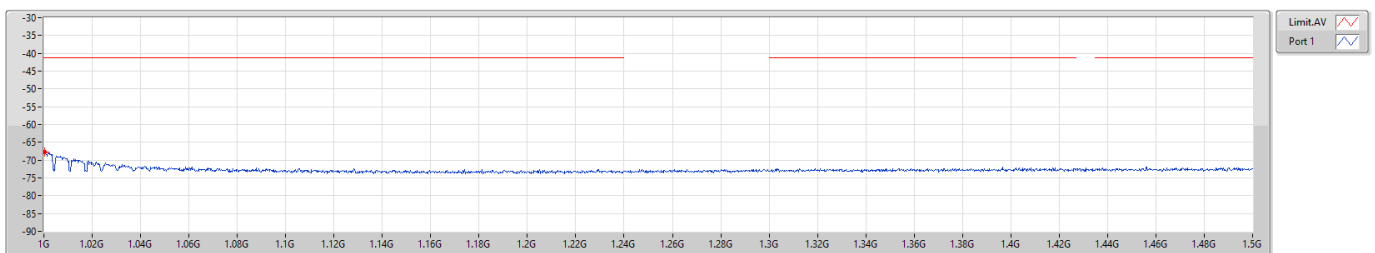


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 30M         | 88M        | 100k    | PK   | 73.76M   | -70.14    | -70.14  |
| 88M         | 216M       | 100k    | PK   | 164.67M  | -63.57    | -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      |

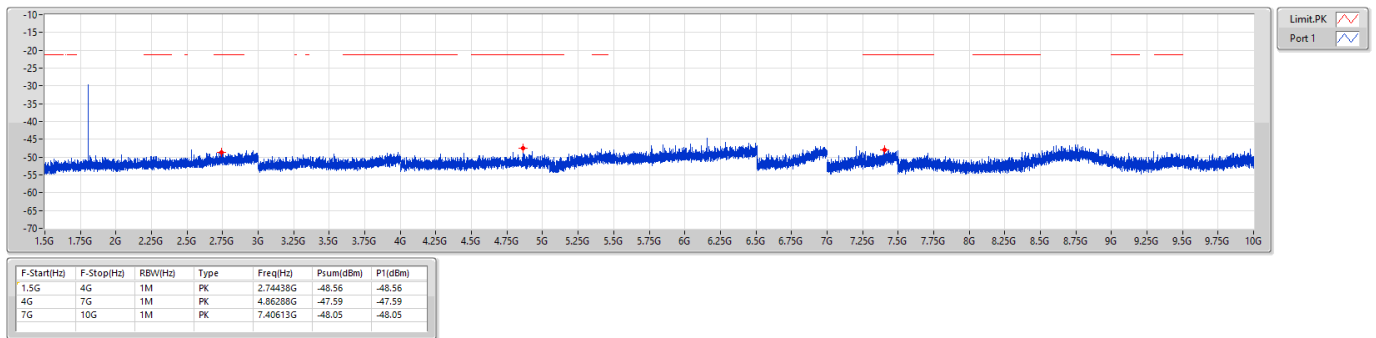
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



902-928MHz

CSE-FS [PK]

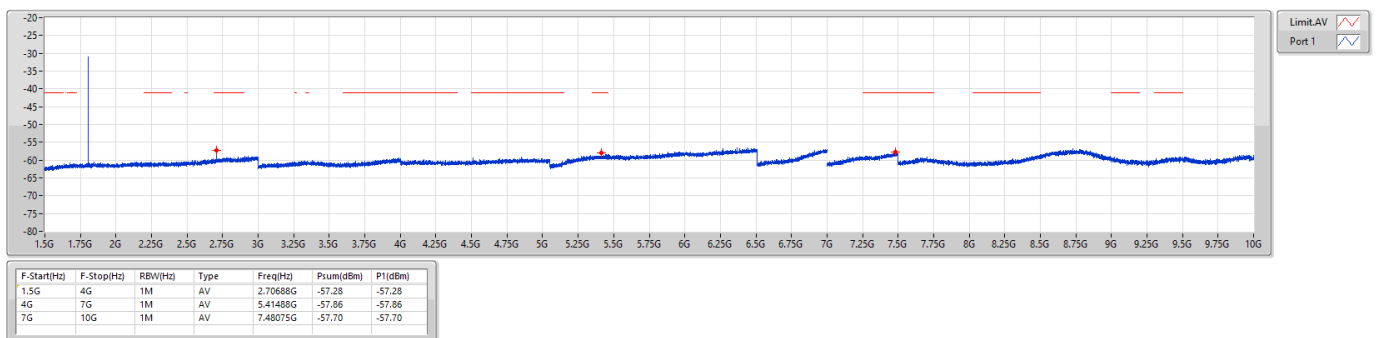
902.37MHz



902-928MHz

CSE-FS [AV]

902.37MHz





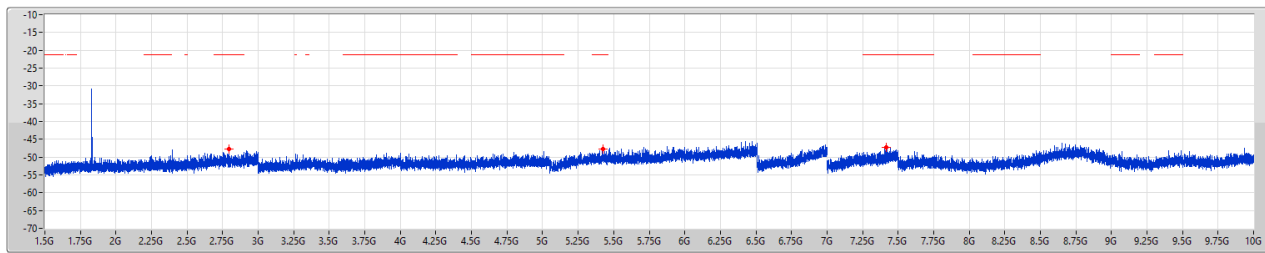
## Unwanted Conducted Emissions into Restricted Frequency Bands (1.5GHz ~ 10GHz)

### Appendix A.2

902-928MHz

CSE-FS [PK]

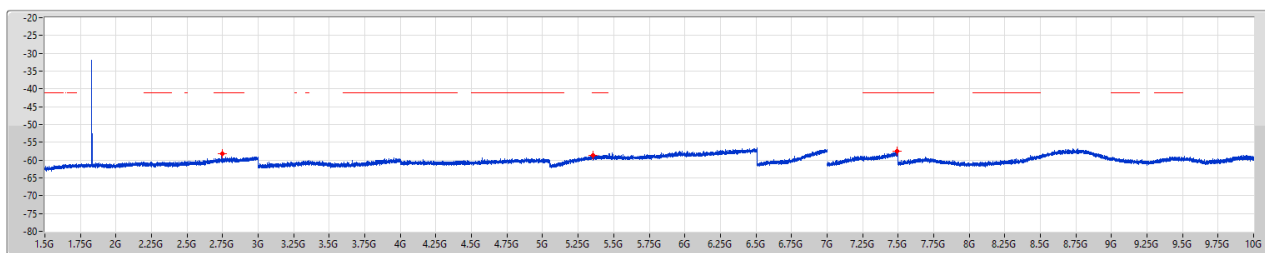
915MHz



902-928MHz

CSE-FS [AV]

915MHz





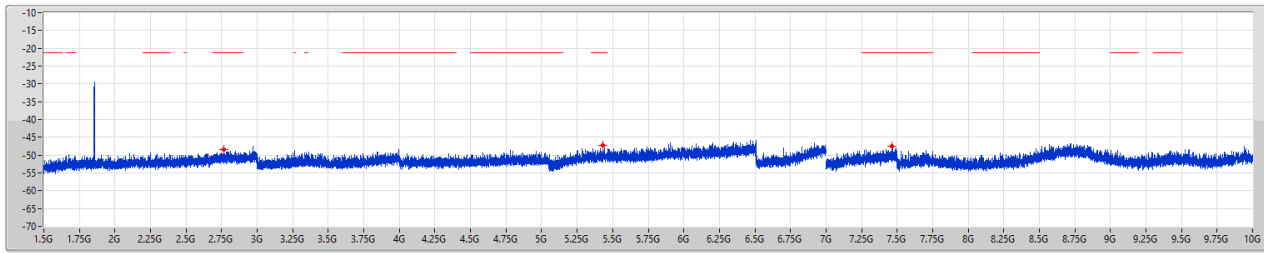
## Unwanted Conducted Emissions into Restricted Frequency Bands (1.5GHz ~ 10GHz)

### Appendix A.2

902-928MHz

CSE-FS [PK]

927.62MHz



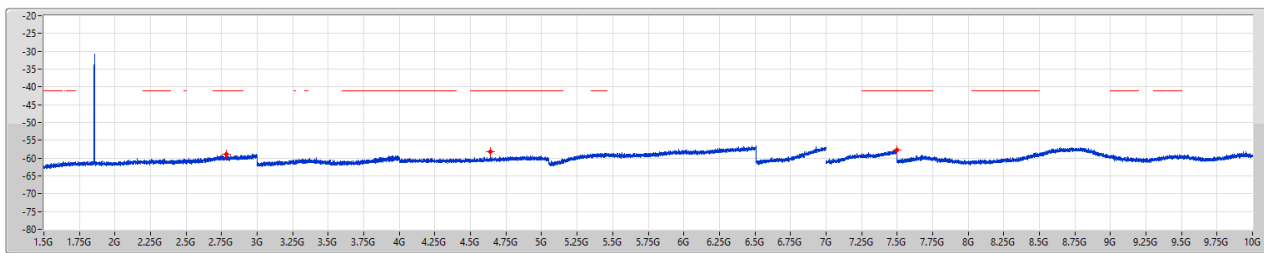
Limit PK  
Port 1

| 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



Limit AV  
Port 1

| 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**

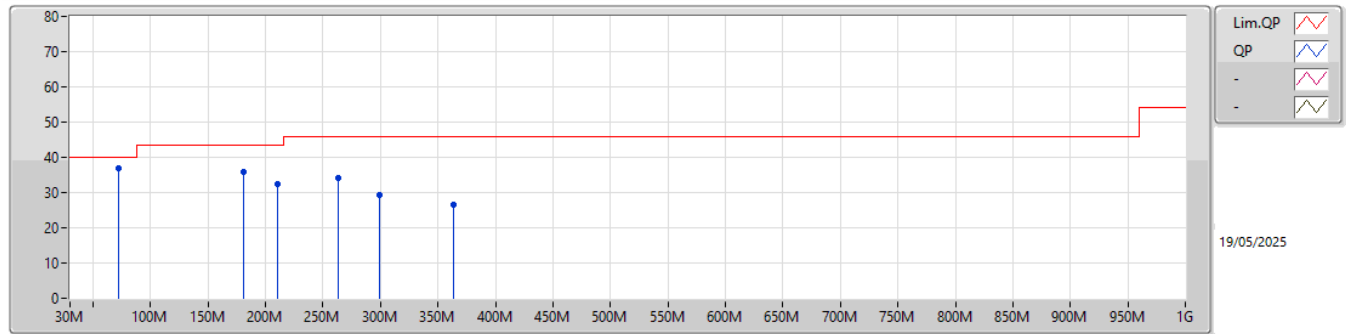
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Condition  |
|--------|--------|------|--------------|-------------------|-------------------|----------------|------------|
| Mode 1 | Pass   | PK   | 71.71M       | 36.97             | 40.00             | -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



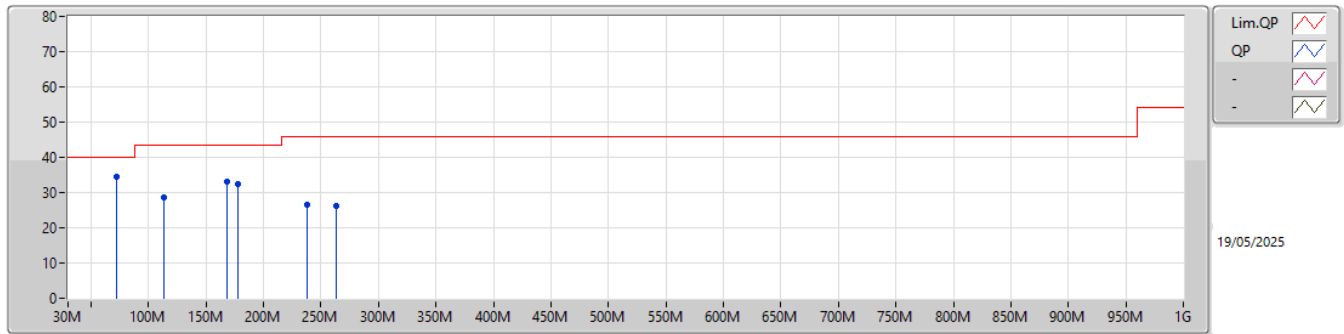
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB/m) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|------------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| 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



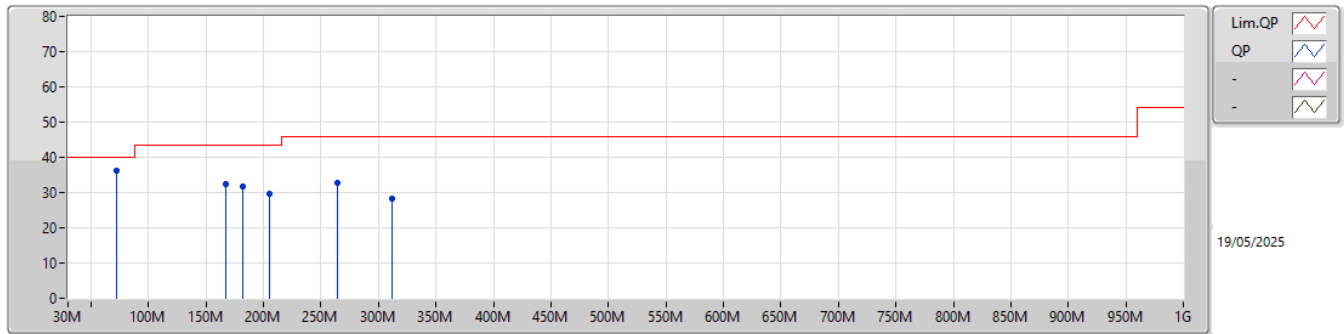
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB/m) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|-----------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| 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

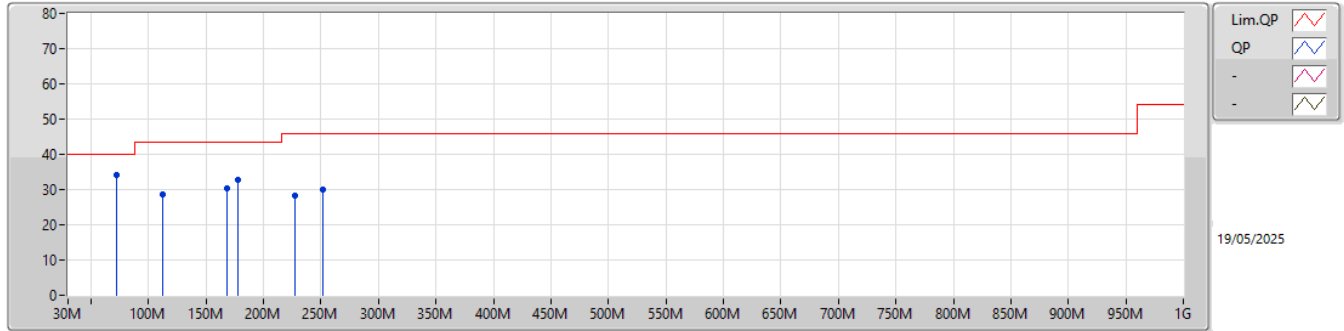
### Appendix A.3

#### Mode 2



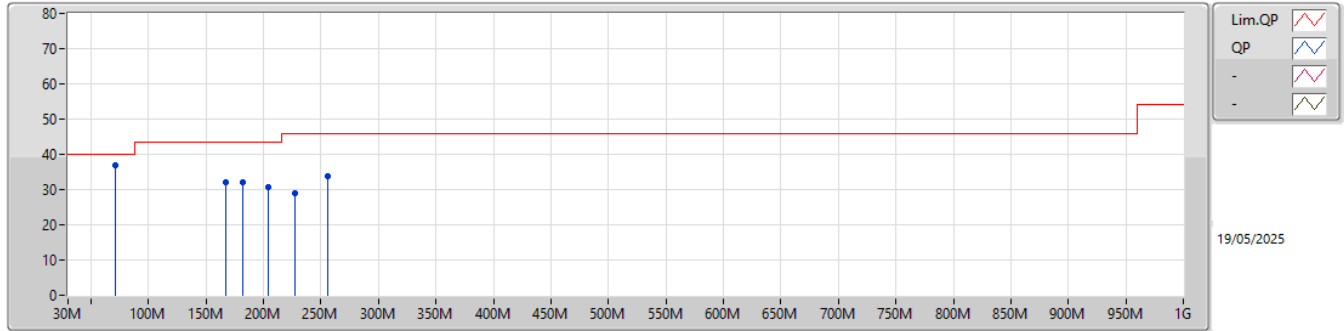
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB/m) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|------------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| 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



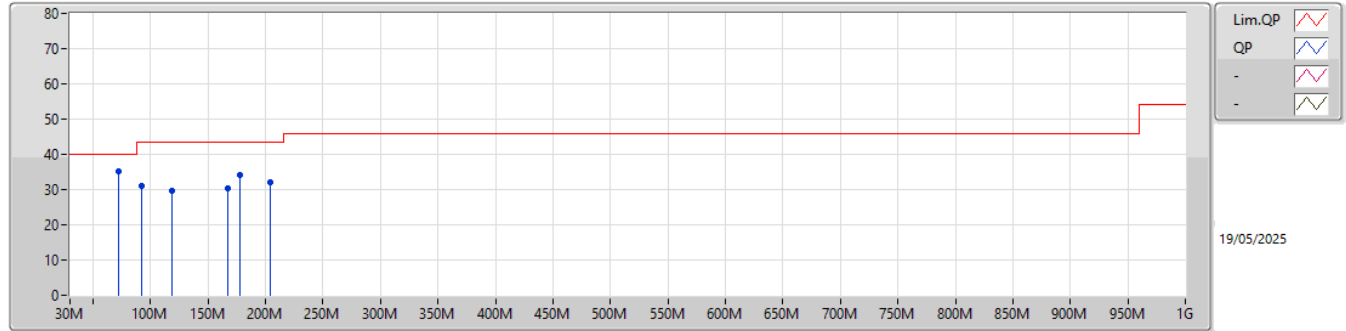
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB/m) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|-----------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| 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<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB/m) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(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<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB/m) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(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**

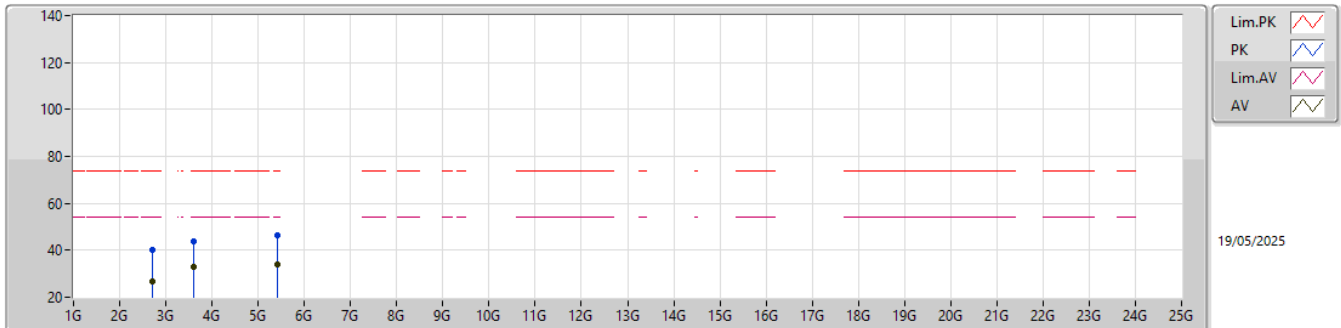
**Summary**

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



902-928MHz\_FSK

902.37MHz\_TX

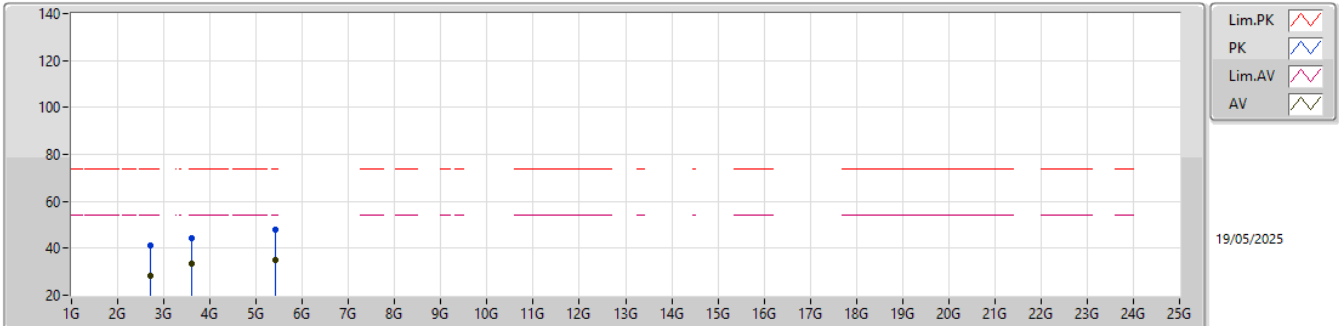


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| 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

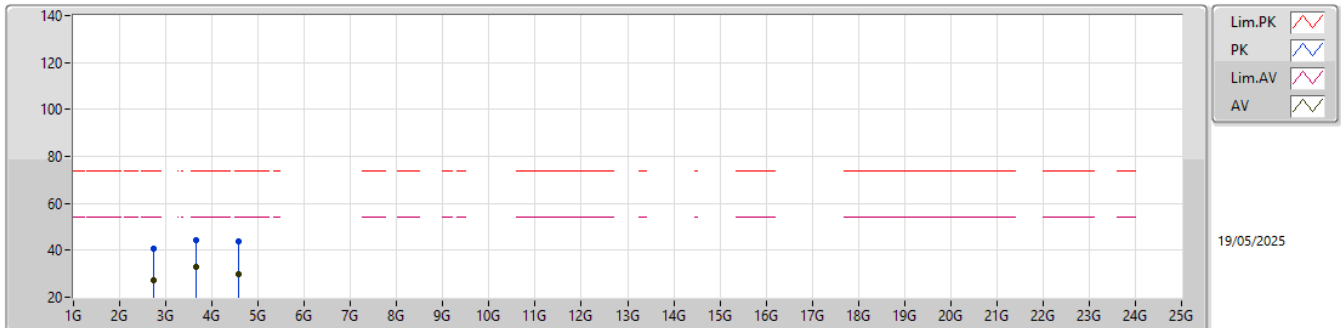


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| 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

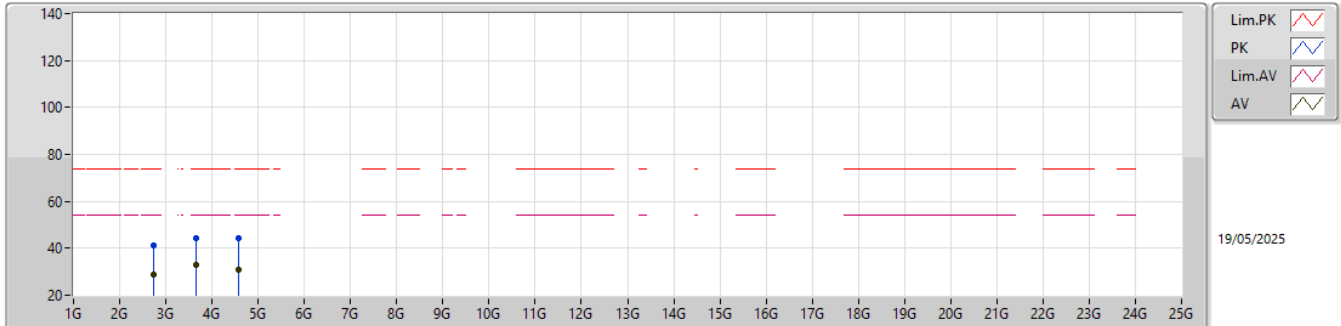


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| 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

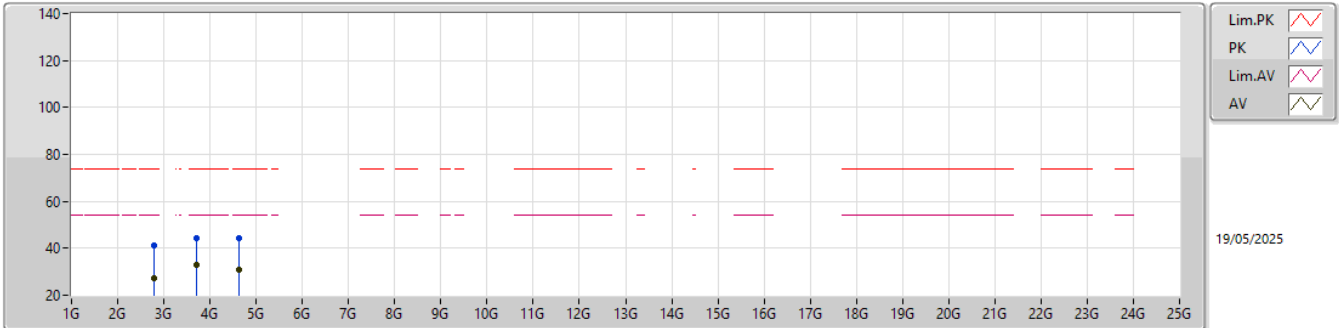


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|--------------|------------|------------|--|--|--|
| 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      |  |  |  |



902-928MHz\_FSK

927.62MHz\_TX

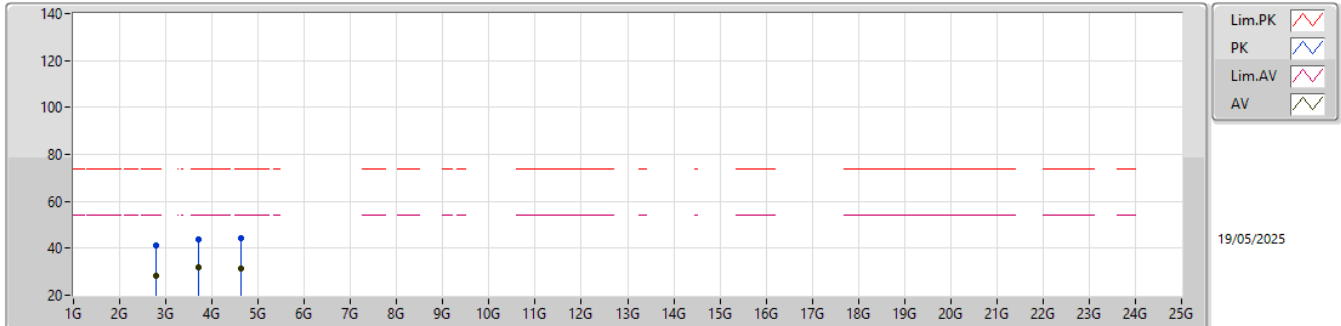


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|--------------|------------|------------|--|--|--|--|
| 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      |  |  |  |  |



902-928MHz\_FSK

927.62MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB/m) | CL<br>(dB) | PA<br>(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    |

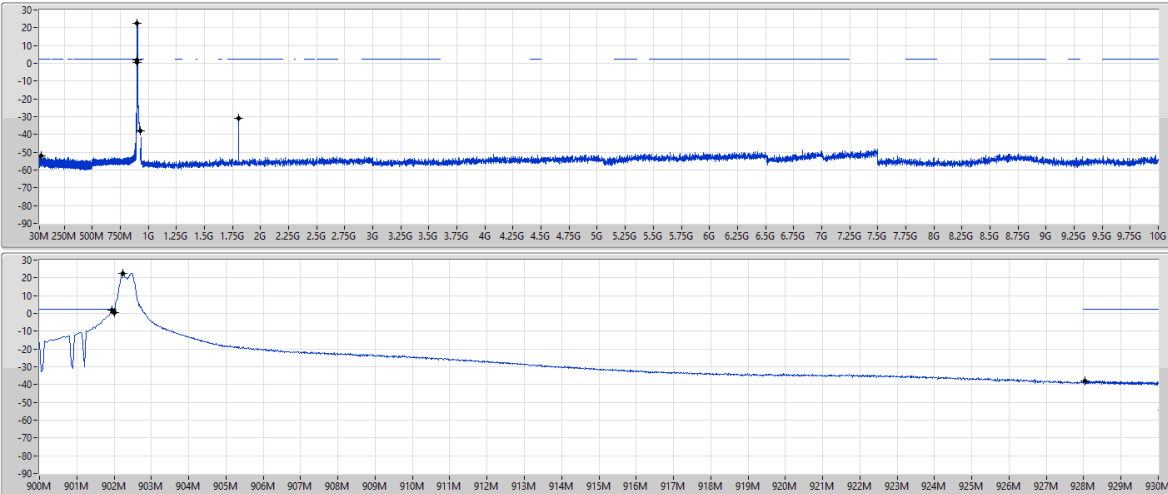


902-928MHz

CSEndB-FS

902.37MHz

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

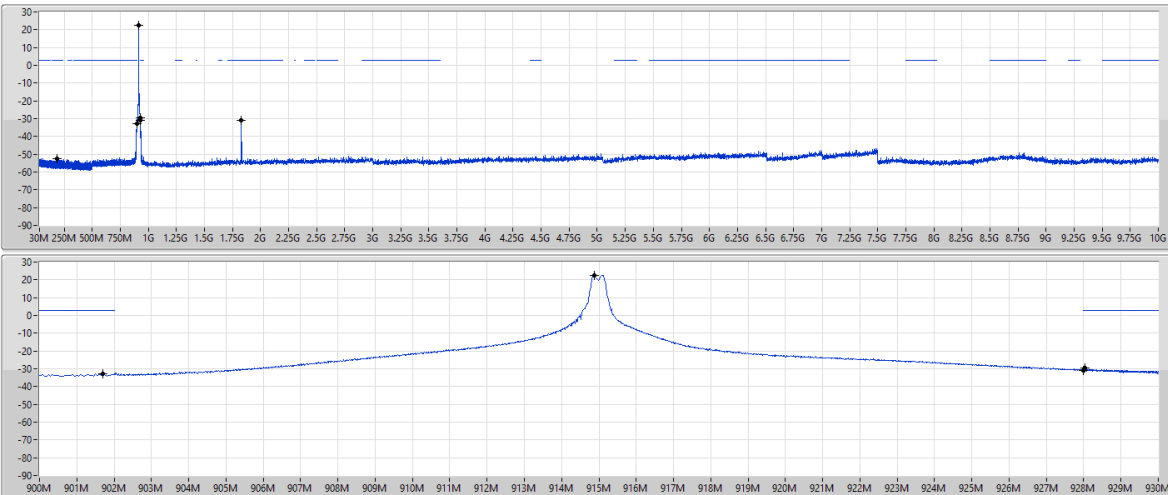


902-928MHz

CSEndB-FS

915MHz

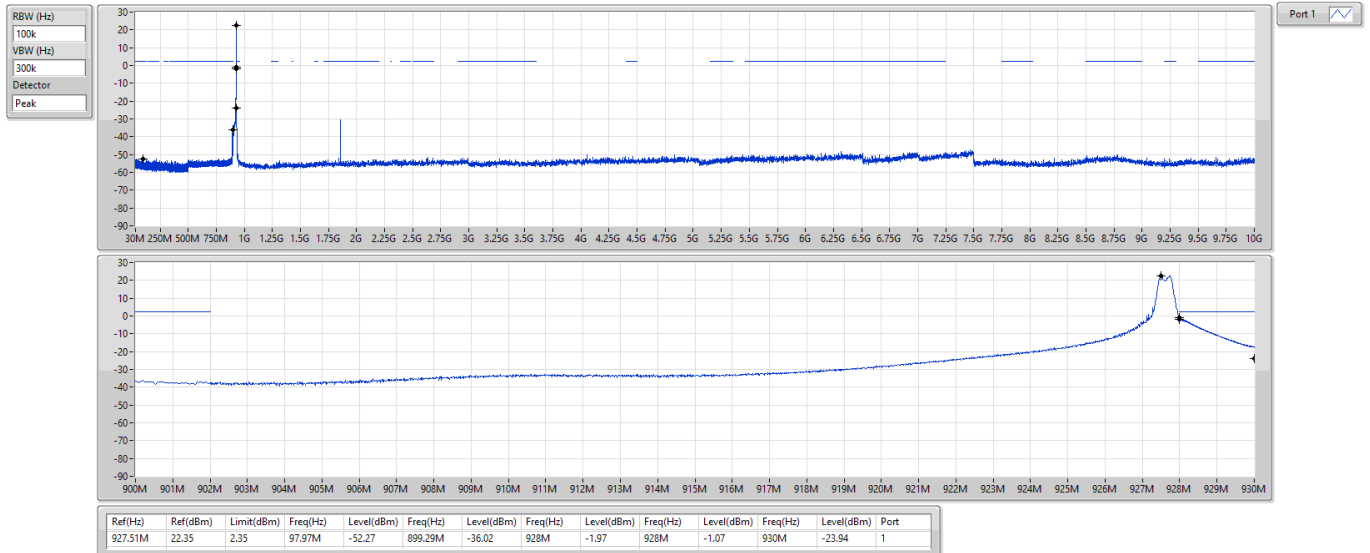
RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



902-928MHz

CSENdB-FS

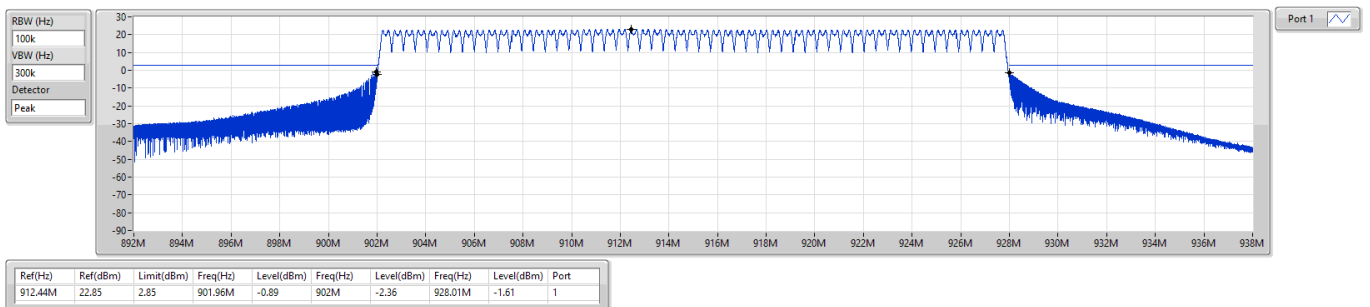
927.62MHz



902-928MHz

CSENdB-FS

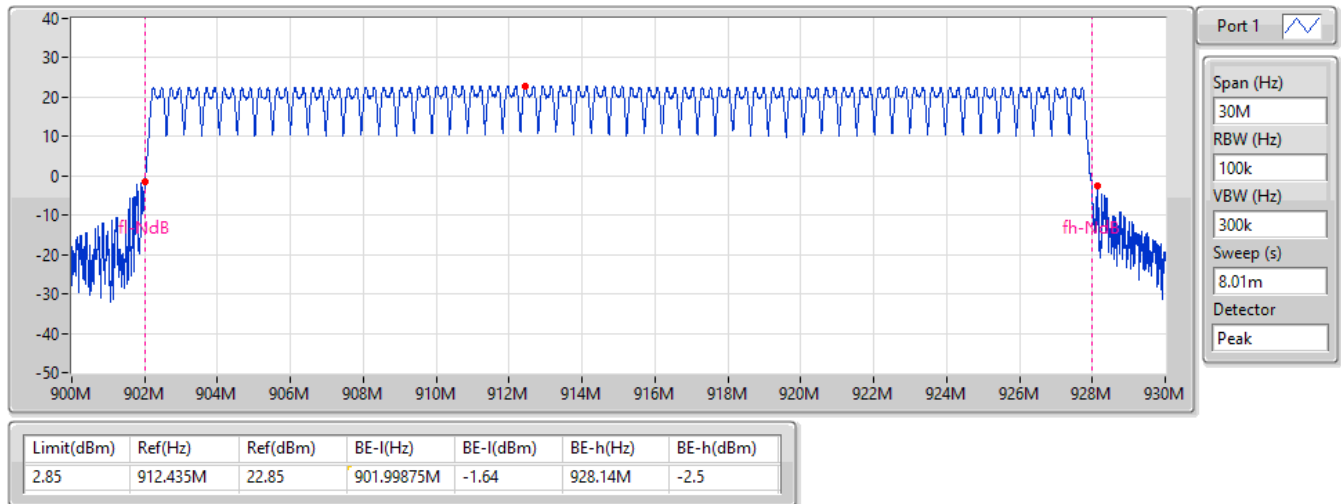
902.37MHz-Hopping On



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.

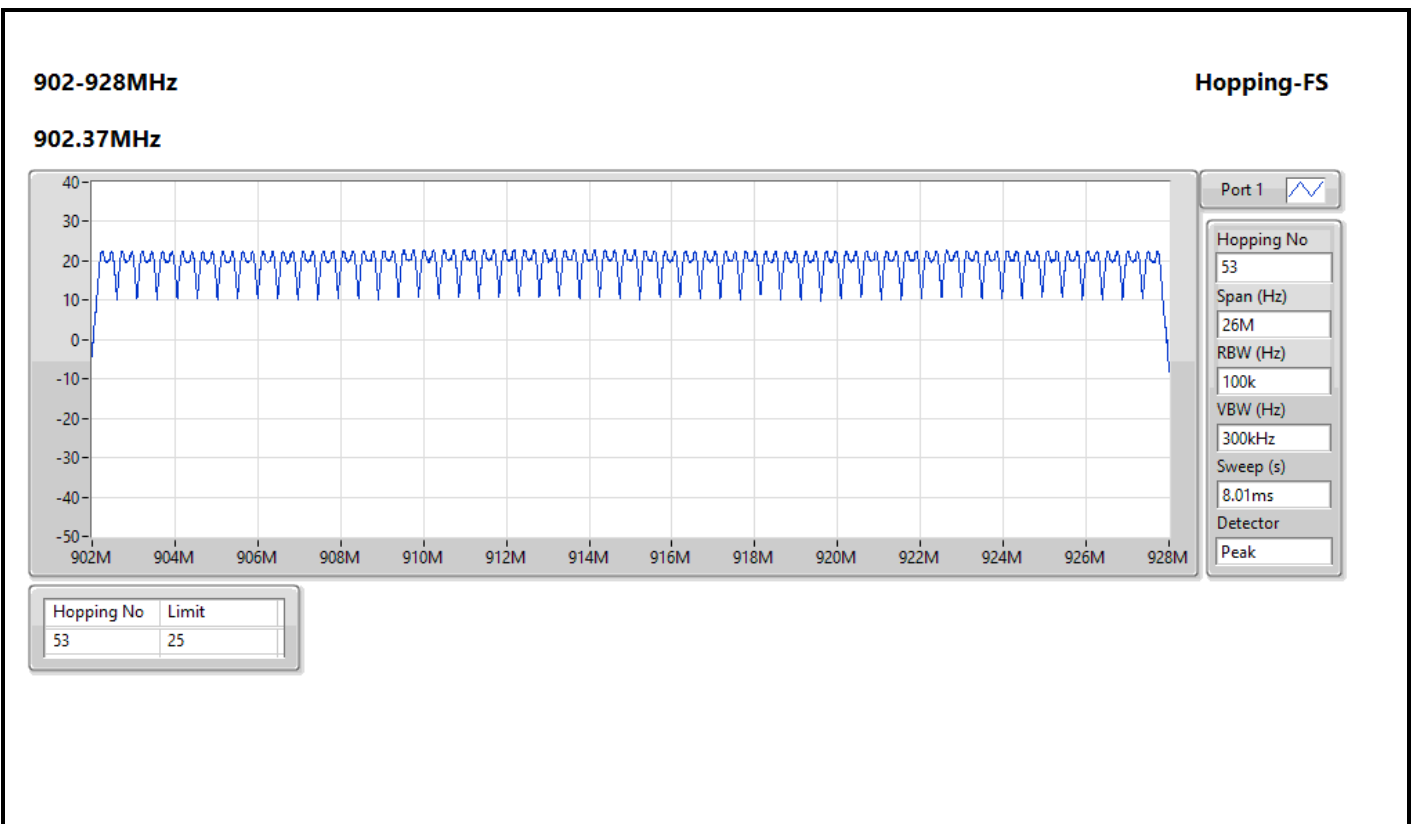


Summary

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

Result

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



**Summary**

| Mode       | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(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<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) |
|-----------|--------|---------------|---------------------|--------------------|
| FSK       | -      | -             | -                   | -                  |
| 902.37MHz | Pass   | 500k          | 473k                | 466.249k           |
| 915MHz    | Pass   | 500k          | 471.625k            | 465.404k           |
| 927.62MHz | Pass   | 500k          | 470.25k             | 464.86k            |

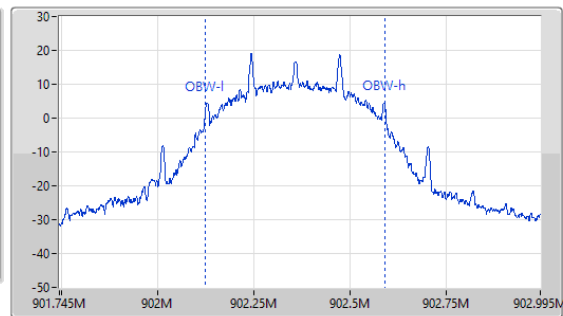
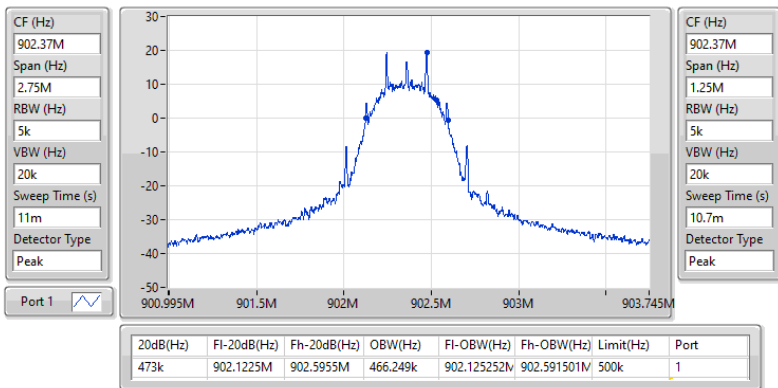
Port X-N dB = Port X 20dB down bandwidth;

Port X-OBW = Port X 99% occupied bandwidth

902-928MHz

EBW-FS

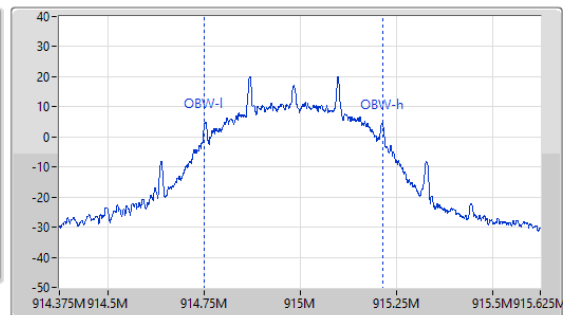
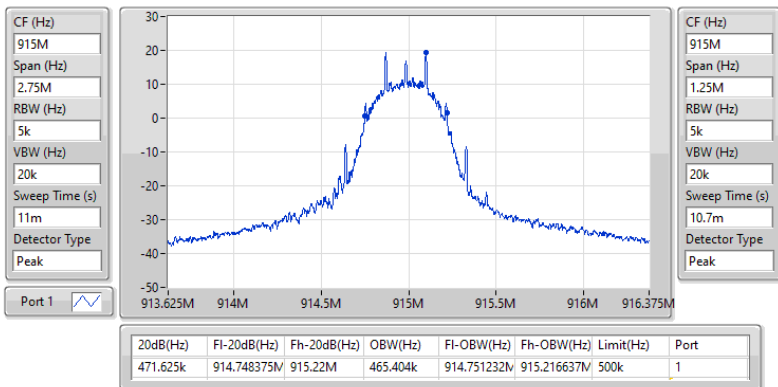
902.37MHz



902-928MHz

EBW-FS

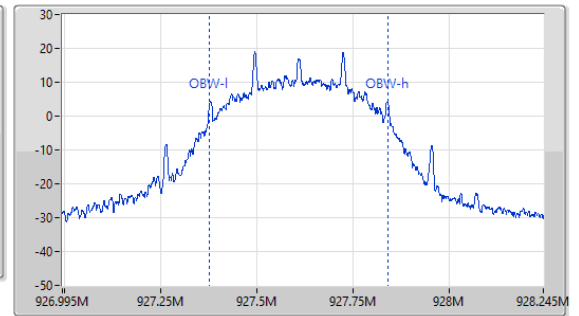
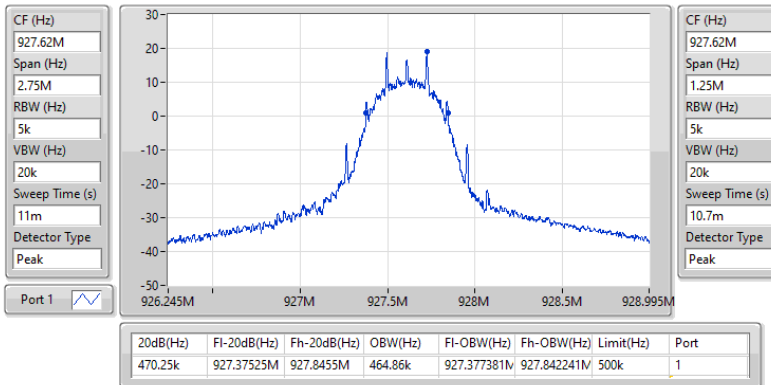
915MHz



902-928MHz

EBW-FS

927.62MHz



**Summary**

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

**Result**

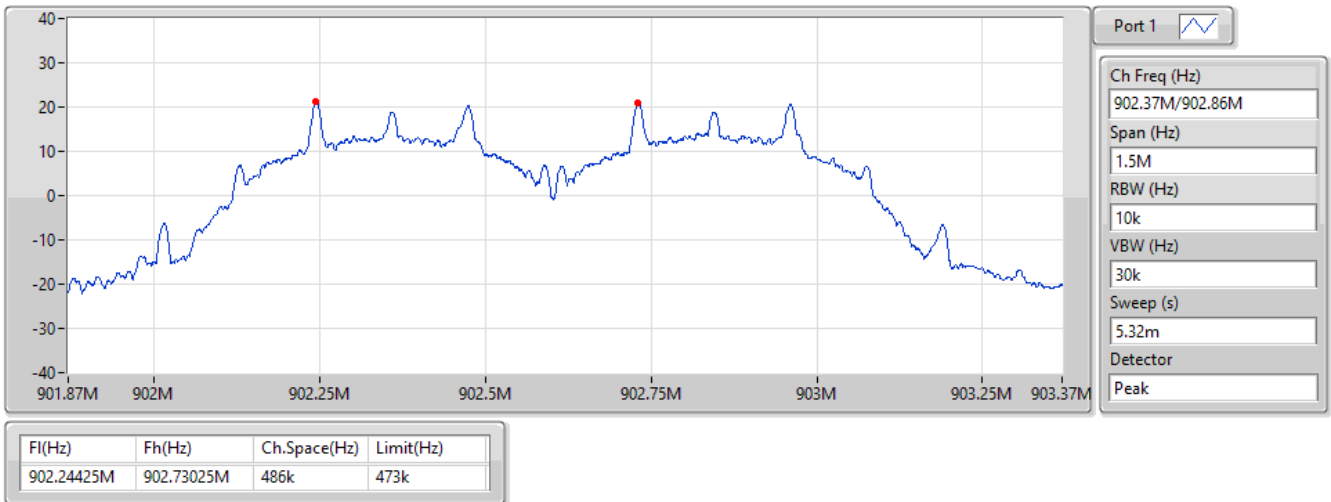
| Mode      | Result | Fl<br>(Hz) | Fh<br>(Hz) | Ch.Space<br>(Hz) | Limit<br>(Hz) |
|-----------|--------|------------|------------|------------------|---------------|
| FSK       | -      | -          | -          | -                | -             |
| 902.37MHz | Pass   | 902.24425M | 902.73025M | 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

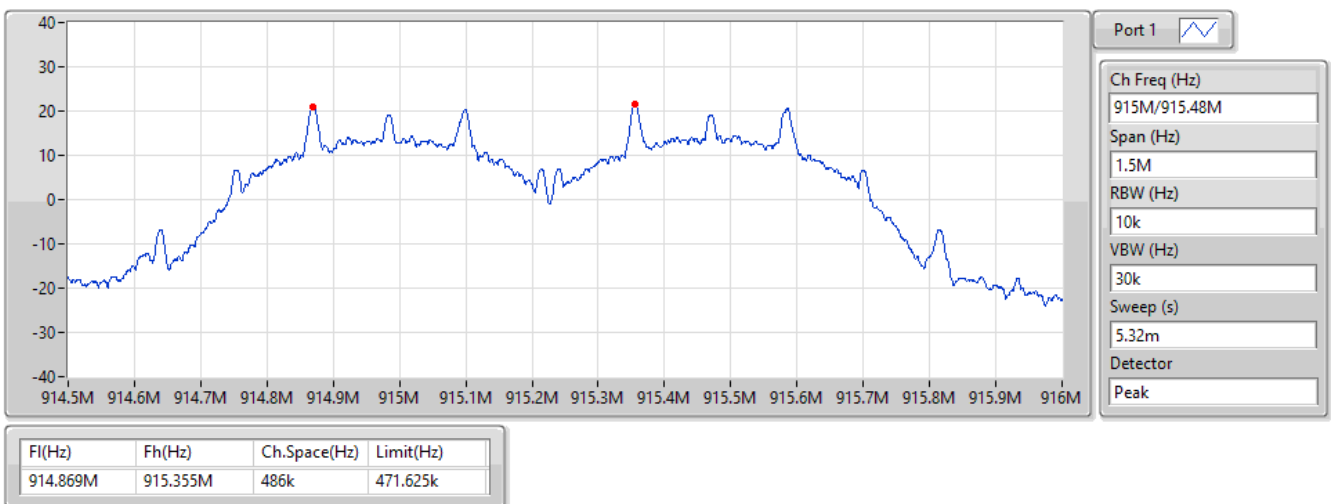
902.37M/902.86MHz



902-928MHz

Channel Separation-FS

915M/915.48MHz

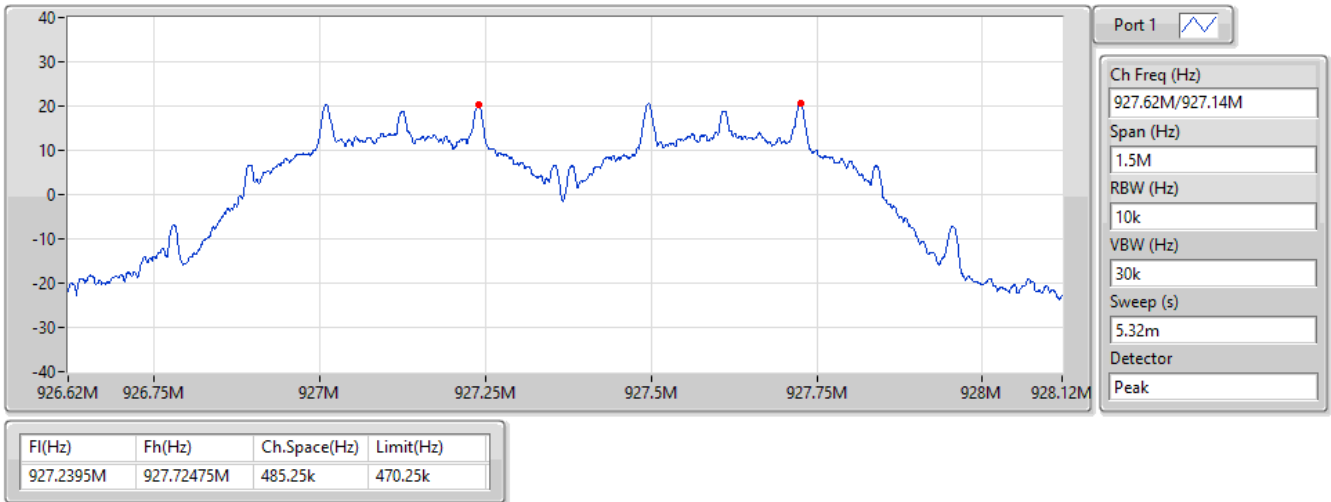




902-928MHz

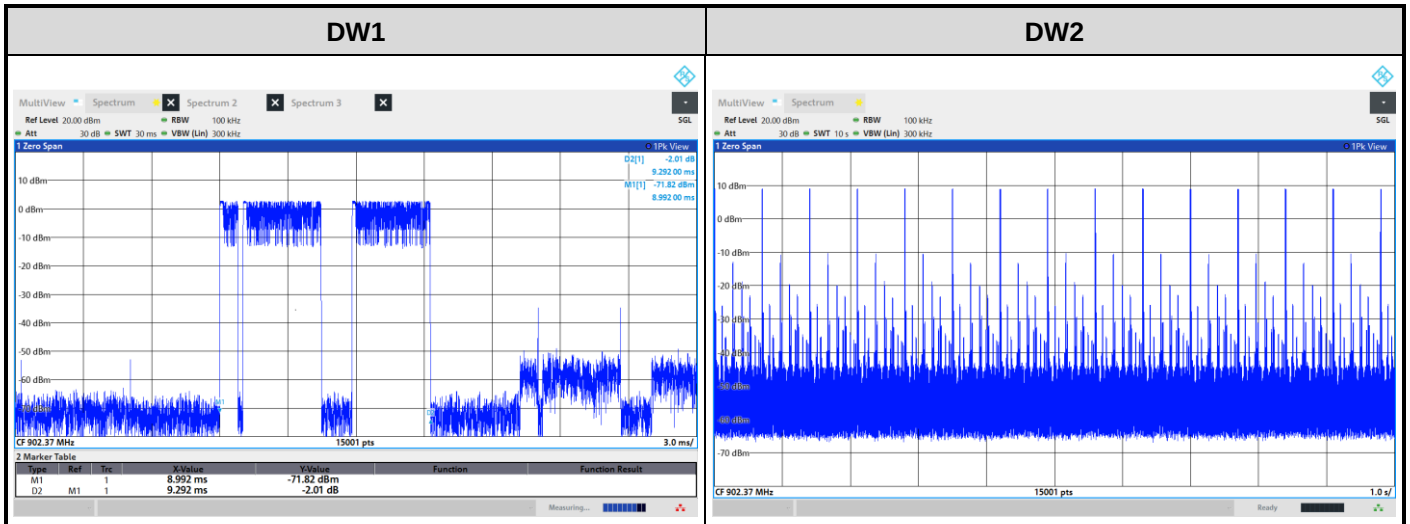
Channel Separation-FS

927.62M/927.14MHz

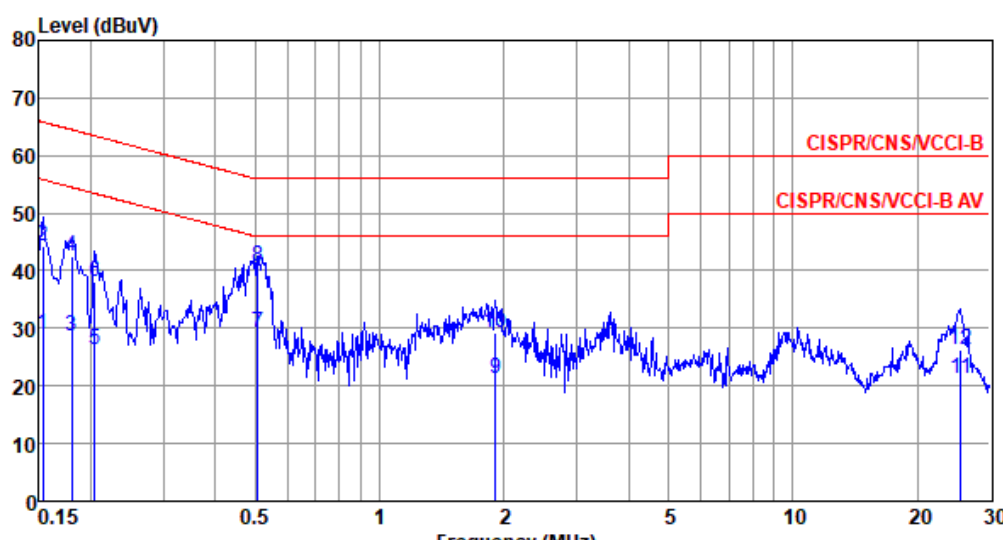




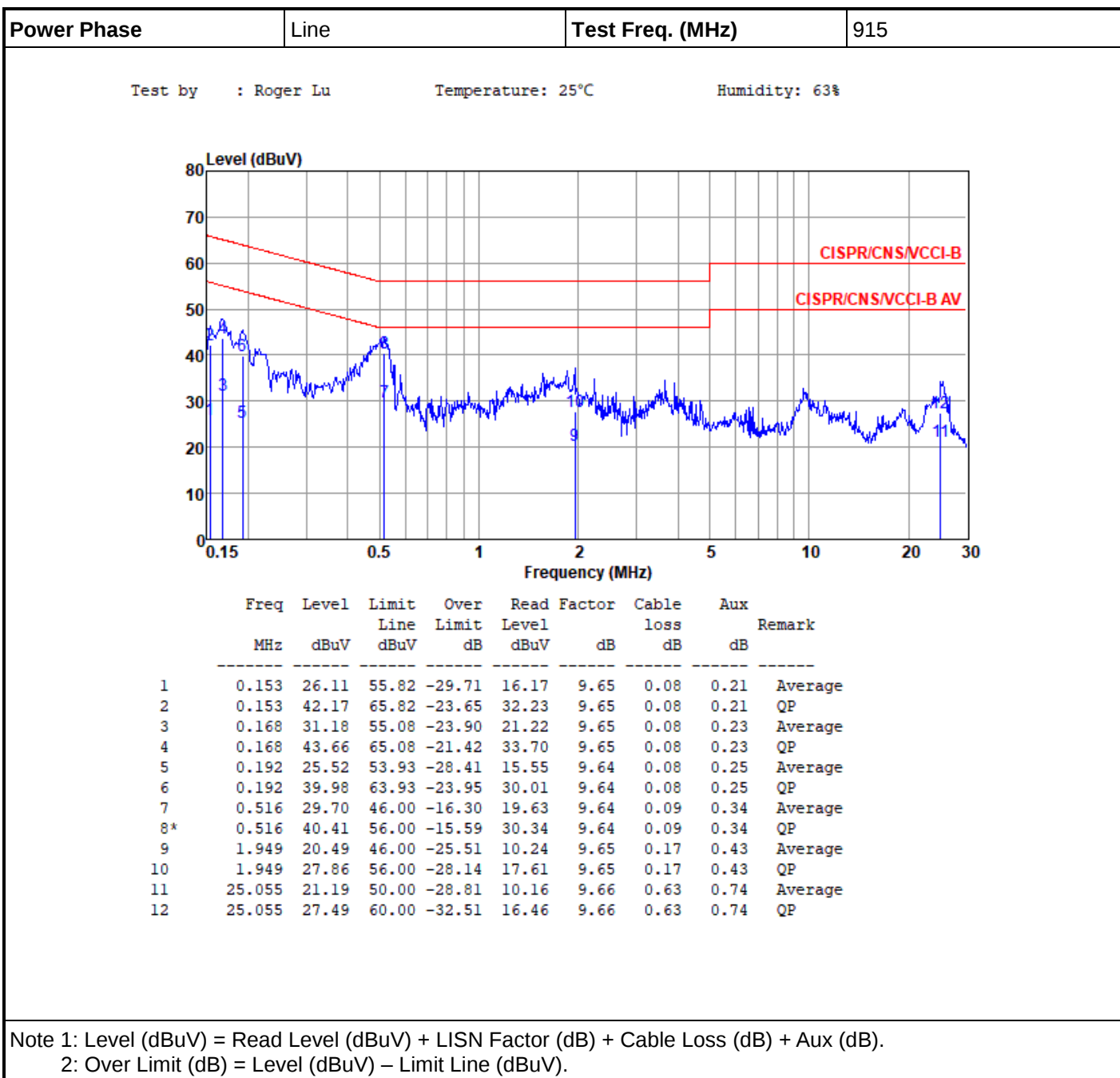
| Mode | Freq. (MHz) | Length of Transmission Time (sec) | Number of Transmission in a 10 s | Result (s) | Limit (s) |
|------|-------------|-----------------------------------|----------------------------------|------------|-----------|
| FSK  | 902.37      | 0.009292                          | 15 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





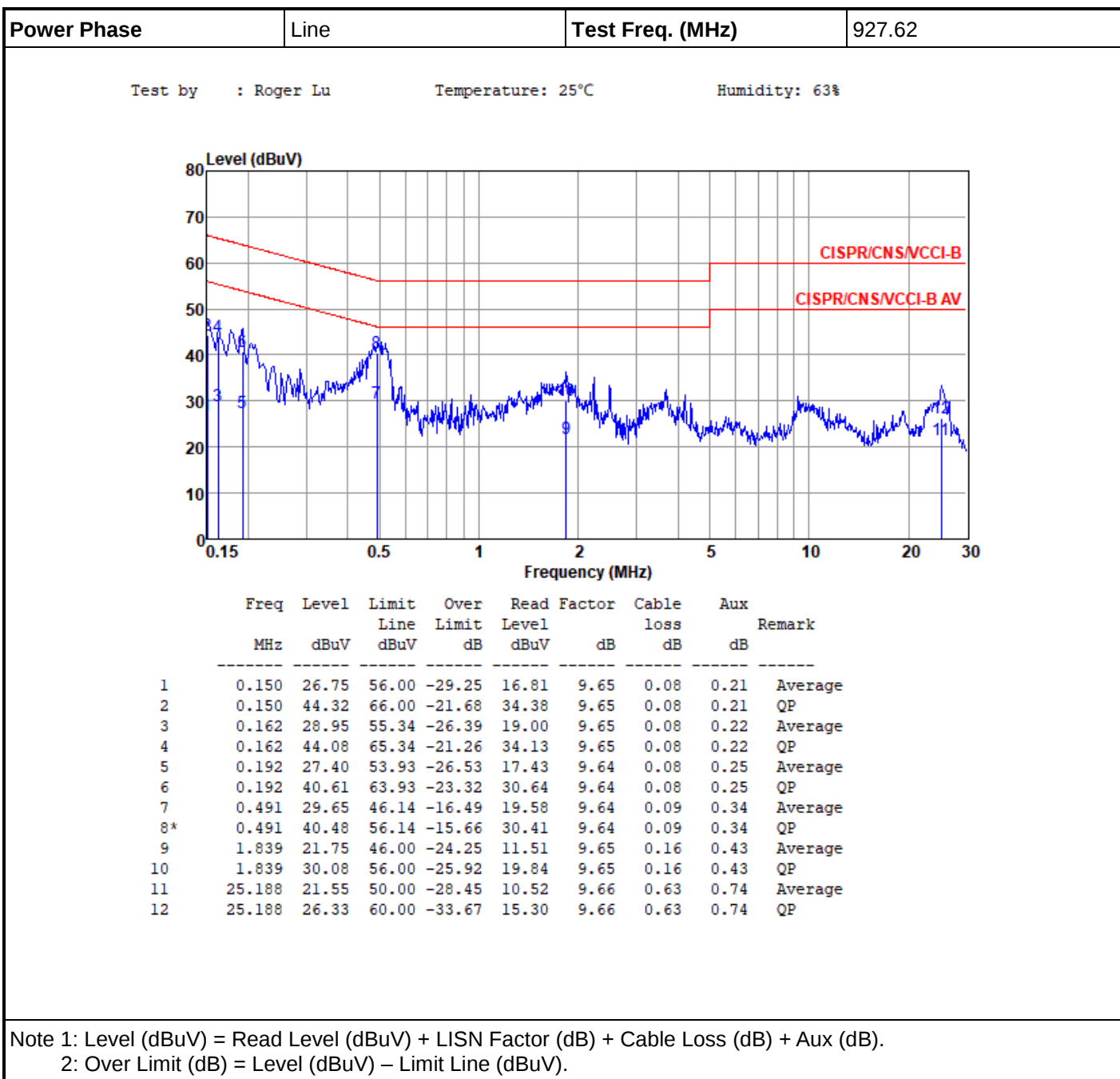
| Power Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Line   | Test Freq. (MHz) | 902.37 |        |        |       |      |        |         |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------|--------|--------|--------|-------|------|--------|---------|-------|-----|--------|-----|------|------|-------|-------|----|------|----|--|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|---|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|---|-------|-------|-------|--------|-------|------|------|------|---------|----|-------|-------|-------|--------|-------|------|------|------|----|----|--------|-------|-------|--------|-------|------|------|------|---------|----|--------|-------|-------|--------|-------|------|------|------|----|
| 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>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>0.153</td><td>29.05</td><td>55.82</td><td>-26.77</td><td>19.11</td><td>9.65</td><td>0.08</td><td>0.21</td><td>Average</td></tr><tr><td>2</td><td>0.153</td><td>44.16</td><td>65.82</td><td>-21.66</td><td>34.22</td><td>9.65</td><td>0.08</td><td>0.21</td><td>QP</td></tr><tr><td>3</td><td>0.180</td><td>28.74</td><td>54.50</td><td>-25.76</td><td>18.78</td><td>9.64</td><td>0.08</td><td>0.24</td><td>Average</td></tr><tr><td>4</td><td>0.180</td><td>42.39</td><td>64.50</td><td>-22.11</td><td>32.43</td><td>9.64</td><td>0.08</td><td>0.24</td><td>QP</td></tr><tr><td>5</td><td>0.204</td><td>26.15</td><td>53.45</td><td>-27.30</td><td>16.17</td><td>9.64</td><td>0.08</td><td>0.26</td><td>Average</td></tr><tr><td>6</td><td>0.204</td><td>38.20</td><td>63.45</td><td>-25.25</td><td>28.22</td><td>9.64</td><td>0.08</td><td>0.26</td><td>QP</td></tr><tr><td>7</td><td>0.507</td><td>29.19</td><td>46.00</td><td>-16.81</td><td>19.12</td><td>9.64</td><td>0.09</td><td>0.34</td><td>Average</td></tr><tr><td>8*</td><td>0.507</td><td>40.78</td><td>56.00</td><td>-15.22</td><td>30.71</td><td>9.64</td><td>0.09</td><td>0.34</td><td>QP</td></tr><tr><td>9</td><td>1.908</td><td>21.35</td><td>46.00</td><td>-24.65</td><td>11.10</td><td>9.65</td><td>0.17</td><td>0.43</td><td>Average</td></tr><tr><td>10</td><td>1.908</td><td>29.09</td><td>56.00</td><td>-26.91</td><td>18.84</td><td>9.65</td><td>0.17</td><td>0.43</td><td>QP</td></tr><tr><td>11</td><td>25.456</td><td>21.17</td><td>50.00</td><td>-28.83</td><td>10.12</td><td>9.66</td><td>0.64</td><td>0.75</td><td>Average</td></tr><tr><td>12</td><td>25.456</td><td>26.15</td><td>60.00</td><td>-33.85</td><td>15.10</td><td>9.66</td><td>0.64</td><td>0.75</td><td>QP</td></tr></table></div> |        |                  |        | Freq   | Level  | Limit | Over | Read   | Factor  | Cable | Aux | Remark | MHz | dBuV | Line | Limit | Level | dB | loss | dB |  | 1 | 0.153 | 29.05 | 55.82 | -26.77 | 19.11 | 9.65 | 0.08 | 0.21 | Average | 2 | 0.153 | 44.16 | 65.82 | -21.66 | 34.22 | 9.65 | 0.08 | 0.21 | QP | 3 | 0.180 | 28.74 | 54.50 | -25.76 | 18.78 | 9.64 | 0.08 | 0.24 | Average | 4 | 0.180 | 42.39 | 64.50 | -22.11 | 32.43 | 9.64 | 0.08 | 0.24 | QP | 5 | 0.204 | 26.15 | 53.45 | -27.30 | 16.17 | 9.64 | 0.08 | 0.26 | Average | 6 | 0.204 | 38.20 | 63.45 | -25.25 | 28.22 | 9.64 | 0.08 | 0.26 | QP | 7 | 0.507 | 29.19 | 46.00 | -16.81 | 19.12 | 9.64 | 0.09 | 0.34 | Average | 8* | 0.507 | 40.78 | 56.00 | -15.22 | 30.71 | 9.64 | 0.09 | 0.34 | QP | 9 | 1.908 | 21.35 | 46.00 | -24.65 | 11.10 | 9.65 | 0.17 | 0.43 | Average | 10 | 1.908 | 29.09 | 56.00 | -26.91 | 18.84 | 9.65 | 0.17 | 0.43 | QP | 11 | 25.456 | 21.17 | 50.00 | -28.83 | 10.12 | 9.66 | 0.64 | 0.75 | Average | 12 | 25.456 | 26.15 | 60.00 | -33.85 | 15.10 | 9.66 | 0.64 | 0.75 | QP |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level  | Limit            | Over   | Read   | Factor | Cable | Aux  | Remark |         |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV   | Line             | Limit  | Level  | dB     | loss  | dB   |        |         |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.153  | 29.05            | 55.82  | -26.77 | 19.11  | 9.65  | 0.08 | 0.21   | Average |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.153  | 44.16            | 65.82  | -21.66 | 34.22  | 9.65  | 0.08 | 0.21   | QP      |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.180  | 28.74            | 54.50  | -25.76 | 18.78  | 9.64  | 0.08 | 0.24   | Average |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.180  | 42.39            | 64.50  | -22.11 | 32.43  | 9.64  | 0.08 | 0.24   | QP      |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.204  | 26.15            | 53.45  | -27.30 | 16.17  | 9.64  | 0.08 | 0.26   | Average |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.204  | 38.20            | 63.45  | -25.25 | 28.22  | 9.64  | 0.08 | 0.26   | QP      |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.507  | 29.19            | 46.00  | -16.81 | 19.12  | 9.64  | 0.09 | 0.34   | Average |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 8*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.507  | 40.78            | 56.00  | -15.22 | 30.71  | 9.64  | 0.09 | 0.34   | QP      |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.908  | 21.35            | 46.00  | -24.65 | 11.10  | 9.65  | 0.17 | 0.43   | Average |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.908  | 29.09            | 56.00  | -26.91 | 18.84  | 9.65  | 0.17 | 0.43   | QP      |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 25.456 | 21.17            | 50.00  | -28.83 | 10.12  | 9.66  | 0.64 | 0.75   | Average |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 25.456 | 26.15            | 60.00  | -33.85 | 15.10  | 9.66  | 0.64 | 0.75   | QP      |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |
| Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).<br>2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                  |        |        |        |       |      |        |         |       |     |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |        |       |       |        |       |      |      |      |         |    |        |       |       |        |       |      |      |      |    |

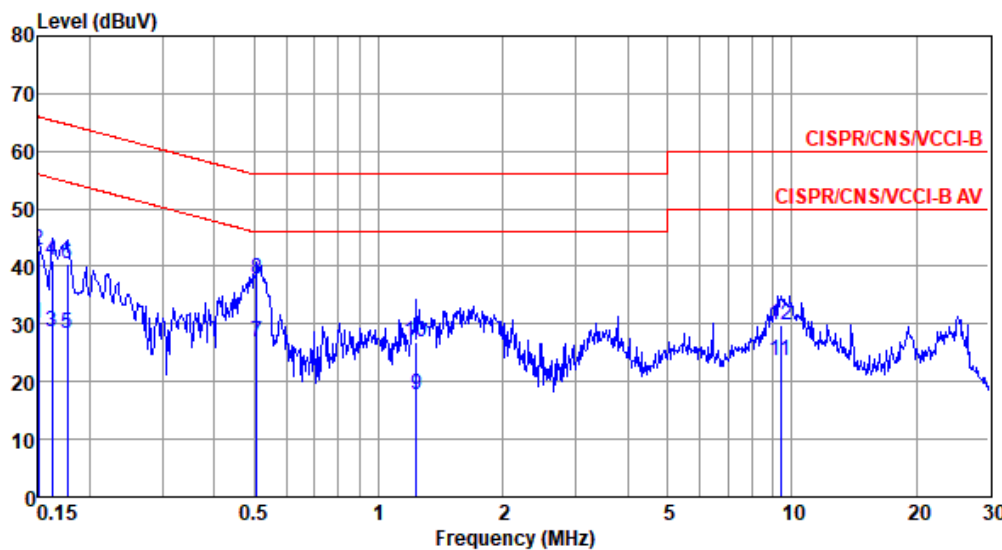
| Power Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Neutral | Test Freq. (MHz) | 902.37 |        |       |        |       |      |         |        |       |     |        |  |     |      |      |       |       |    |      |    |  |  |  |  |      |    |      |  |    |  |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |      |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |
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| Test by : Roger Lu      Temperature: 25°C      Humidity: 63%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                  |        |        |       |        |       |      |         |        |       |     |        |  |     |      |      |       |       |    |      |    |  |  |  |  |      |    |      |  |    |  |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |      |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |
| <div><div><div>Level (dBuV)</div><div></div></div><div>Frequency (MHz)</div></div> <table><thead><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></thead><tbody><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></tbody></table> <div>Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).<br/>2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).</div> |         |                  |        |        | Freq  | Level  | Limit | Over | Read    | Factor | Cable | Aux | Remark |  | MHz | dBuV | Line | Limit | Level | dB | loss | dB |  |  |  |  | dBuV | dB | dBuV |  | 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             | Line   | Limit  | Level | dB     | loss  | dB   |         |        |       |     |        |  |     |      |      |       |       |    |      |    |  |  |  |  |      |    |      |  |    |  |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |      |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                  | dBuV   | dB     | dBuV  |        | 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      |        |       |     |        |  |     |      |      |       |       |    |      |    |  |  |  |  |      |    |      |  |    |  |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |      |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |





| Power Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Neutral | Test Freq. (MHz) | 915   |        |       |        |       |      |         |        |       |     |        |  |     |      |      |       |       |    |      |    |  |  |  |  |      |    |      |  |    |  |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |
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| Test by : Roger Lu      Temperature: 25°C      Humidity: 63%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                  |       |        |       |        |       |      |         |        |       |     |        |  |     |      |      |       |       |    |      |    |  |  |  |  |      |    |      |  |    |  |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |
| <div><p>Level (dBuV)</p><p>Frequency (MHz)</p></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> |         |                  |       |        | 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).<br>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>                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |        |        |        |       |        |        |         |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |      |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |  |
|                                                                                                                                                     | <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>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>30.22</td><td>56.00</td><td>-25.78</td><td>20.36</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>42.81</td><td>66.00</td><td>-23.19</td><td>32.95</td><td>9.64</td><td>0.08</td><td>0.14</td><td>QP</td></tr><tr><td>3</td><td>0.162</td><td>28.66</td><td>55.34</td><td>-26.68</td><td>18.78</td><td>9.64</td><td>0.08</td><td>0.16</td><td>Average</td></tr><tr><td>4</td><td>0.162</td><td>41.04</td><td>65.34</td><td>-24.30</td><td>31.16</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>28.34</td><td>54.64</td><td>-26.30</td><td>18.45</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>40.32</td><td>64.64</td><td>-24.32</td><td>30.43</td><td>9.64</td><td>0.08</td><td>0.17</td><td>QP</td></tr><tr><td>7</td><td>0.507</td><td>26.86</td><td>46.00</td><td>-19.14</td><td>16.86</td><td>9.63</td><td>0.09</td><td>0.28</td><td>Average</td></tr><tr><td>8*</td><td>0.507</td><td>37.85</td><td>56.00</td><td>-18.15</td><td>27.85</td><td>9.63</td><td>0.09</td><td>0.28</td><td>QP</td></tr><tr><td>9</td><td>1.236</td><td>17.84</td><td>46.00</td><td>-28.16</td><td>7.71</td><td>9.64</td><td>0.12</td><td>0.37</td><td>Average</td></tr><tr><td>10</td><td>1.236</td><td>26.73</td><td>56.00</td><td>-29.27</td><td>16.60</td><td>9.64</td><td>0.12</td><td>0.37</td><td>QP</td></tr><tr><td>11</td><td>9.401</td><td>23.68</td><td>50.00</td><td>-26.32</td><td>13.13</td><td>9.72</td><td>0.29</td><td>0.54</td><td>Average</td></tr><tr><td>12</td><td>9.401</td><td>29.88</td><td>60.00</td><td>-30.12</td><td>19.33</td><td>9.72</td><td>0.29</td><td>0.54</td><td>QP</td></tr></table> | Freq             | Level  | Limit  | Over   | Read  | Factor | Cable  | Aux     | Remark | MHz | dBuV | dBuV | Limit | Level | dB | loss | dB |  | 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 |  |
| Freq                                                                                                                                                | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Limit            | Over   | Read   | Factor | Cable | Aux    | Remark |         |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |      |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |  |
| MHz                                                                                                                                                 | dBuV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV             | Limit  | Level  | dB     | loss  | dB     |        |         |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |      |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |  |
| 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).<br>2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |        |        |        |       |        |        |         |        |     |      |      |       |       |    |      |    |  |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |   |       |       |       |        |       |      |      |      |    |   |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |   |       |       |       |        |      |      |      |      |         |    |       |       |       |        |       |      |      |      |    |    |       |       |       |        |       |      |      |      |         |    |       |       |       |        |       |      |      |      |    |  |