

TEST REPORT

Product : Home Assistant Connect ZWA-2
Trade mark : Nabu Casa
Model/Type reference : NC-ZWA-9734
Serial Number : N/A
Report Number : EED32R81140703
FCC ID : 2A8ZE05
Date of Issue : Aug. 06, 2025
Test Standards : 47 CFR Part 15 Subpart C
Test result : PASS

Prepared for:

Nabu Casa, Inc.

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Prepared by:

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Aug. 06, 2025



Check No.: 7026080725

1 Content

| | |
|--|-----------|
| 1 CONTENT | 2 |
| 2 TEST SUMMARY | 3 |
| 3 GENERAL INFORMATION | 4 |
| 3.1 CLIENT INFORMATION | 4 |
| 3.2 GENERAL DESCRIPTION OF EUT | 4 |
| 3.3 TEST CONFIGURATION | 5 |
| 3.4 TEST ENVIRONMENT | 6 |
| 3.5 DESCRIPTION OF SUPPORT UNITS | 6 |
| 3.6 TEST LOCATION | 6 |
| 3.7 MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2) | 7 |
| 4 EQUIPMENT LIST | 8 |
| 5 TEST RESULTS AND MEASUREMENT DATA | 11 |
| 5.1 ANTENNA REQUIREMENT | 11 |
| 5.2 CONDUCTED EMISSIONS | 12 |
| 5.3 MAXIMUM CONDUCTED OUTPUT POWER | 21 |
| 5.4 DTS BANDWIDTH | 22 |
| 5.5 MAXIMUM POWER SPECTRAL DENSITY | 23 |
| 5.6 BAND EDGE MEASUREMENTS AND CONDUCTED SPURIOUS EMISSION | 24 |
| 5.7 RADIATED SPURIOUS EMISSION | 25 |
| 6 APPENDIX A | 51 |
| 7 PHOTOGRAPHS OF TEST SETUP | 52 |
| 8 PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS | 54 |

2 Test Summary

| Test Item | Test Requirement | Result |
|----------------------------------|--|--------|
| Antenna Requirement | 47 CFR Part 15 Subpart C Section 15.203/15.247 (c) | PASS |
| AC Power Line Conducted Emission | 47 CFR Part 15 Subpart C Section 15.207 | PASS |
| DTS Bandwidth | 47 CFR Part 15 Subpart C Section 15.247 (a)(2) | PASS |
| Maximum Conducted Output Power | 47 CFR Part 15 Subpart C Section 15.247 (b)(3) | PASS |
| Maximum Power Spectral Density | 47 CFR Part 15 Subpart C Section 15.247 (e) | PASS |
| Band Edge Measurements | 47 CFR Part 15 Subpart C Section 15.247(d) | PASS |
| Conducted Spurious Emissions | 47 CFR Part 15 Subpart C Section 15.247(d) | PASS |
| Radiated Spurious Emission | 47 CFR Part 15 Subpart C Section 15.205/15.209 | PASS |

3 General Information

3.1 Client Information

| | |
|--------------------------|--|
| Applicant: | Nabu Casa, Inc. |
| Address of Applicant: | 8 The Green, Suite 12630, Dover, DE, United States, 19901 |
| Manufacturer: | Nabu Casa, Inc. |
| Address of Manufacturer: | 8 The Green, Suite 12630, Dover, DE, United States, 19901 |
| Factory: | Yuan Sheng Technology (Shenzhen) Co., Ltd. |
| Address of Factory: | 3rd Floor, Building D1, Foxconn Industrial Park, Donghuan 2nd Road, Longhua District, Shenzhen City. |

3.2 General Description of EUT

| | |
|-----------------------|--|
| Product Name: | Home Assistant Connect ZWA-2 |
| Model No.: | NC-ZWA-9734 |
| Trade mark: | Nabu Casa |
| Product Type: | <input type="checkbox"/> Mobile <input type="checkbox"/> Portable <input checked="" type="checkbox"/> Fixed Location |
| Operation Frequency: | 902MHz~928MHz |
| Modulation Type: | FSK |
| Number of Channel: | 5 |
| Antenna Type & Gain: | External Antenna 902~928MHz: 2.78dBi |
| Power Supply: | DC 5V |
| Test Voltage: | DC 5V |
| Sample Received Date: | Jul. 10, 2025 |
| Sample tested Date: | Jul. 10, 2025 to Jul. 23, 2025 |

Operation Frequency of each channel

| Channel | Frequency (MHz) |
|---------|-----------------|
| CH0 | 908.4 |
| CH1 | 908.42 |
| CH2 | 912 |
| CH3 | 916 |
| CH4 | 920 |

3.3 Test Configuration

| EUT Test Software Settings: | | | |
|--|------------|---|-----------------|
| Test Software: | | sscom5.13.1 | |
| EUT Power Grade: | | Default (Power level is built-in set parameters and cannot be changed and selected) | |
| Use test software to set the frequency keep transmitting of the EUT. | | | |
| Test Mode | Modulation | Channel | Frequency (MHz) |
| Mode a | FSK | CH0 | 908.4 |
| Mode b | FSK | CH1 | 908.42 |
| Mode c | FSK | CH2 | 912 |
| Mode d | FSK | CH3 | 916 |
| Mode e | FSK | CH4 | 920 |

3.4 Test Environment

| Operating Environment: | |
|------------------------------|------------|
| Radiated Spurious Emissions: | |
| Temperature: | 22~25.0 °C |
| Humidity: | 50~55 % RH |
| Atmospheric Pressure: | 1010mbar |
| Conducted Emissions: | |
| Temperature: | 22~25.0 °C |
| Humidity: | 50~55 % RH |
| Atmospheric Pressure: | 1010mbar |
| RF Conducted: | |
| Temperature: | 22~25.0 °C |
| Humidity: | 50~55 % RH |
| Atmospheric Pressure: | 1010mbar |

3.5 Description of Support Units

The EUT has been tested with associated equipment below.

1) Support equipment

| Description | Manufacturer | Model No. | Certification | Supplied by |
|-------------|--------------|-----------|---------------|-------------|
| Netbook | Dell | P77F | FCC&CE | CTI |

3.6 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

FCC Registration No.: 260439

3.7 Measurement Uncertainty (95% confidence levels, k=2)

| No. | Item | Measurement Uncertainty |
|-----|---------------------------------|-------------------------|
| 1 | Radio Frequency | 7.9×10^{-8} |
| 2 | RF power, conducted | 0.46dB (30MHz-1GHz) |
| | | 0.55dB (1GHz-40GHz) |
| 3 | Radiated Spurious emission test | 3.3dB (9kHz-30MHz) |
| | | 4.3dB (30MHz-1GHz) |
| | | 4.5dB (1GHz-18GHz) |
| | | 3.4dB (18GHz-40GHz) |
| 4 | Conduction emission | 3.5dB (9kHz to 150kHz) |
| | | 3.1dB (150kHz to 30MHz) |
| 5 | Temperature test | 0.64°C |
| 6 | Humidity test | 3.8% |
| 7 | DC power voltages | 0.026% |

4 Equipment List

| RF test system | | | | | |
|---|------------------------|------------|----------------------------|---------------------------|-------------------------------|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. Date (mm-dd-yyyy) | Cal. Due date (mm-dd-yyyy) |
| Communication test set | R&S | CMW500 | 107929 | 06-16-2025 | 06-15-2026 |
| Signal Generator | R&S | SMBV100A | 1407.6004K02- 262149-CV | 09-02-2024 | 09-01-2025 |
| RF control unit(power unit) | MWRF-test | MW100-RFCB | MW220620CTI-42 | 06-16-2025 | 06-15-2026 |
| High-low temperature test chamber | Dong Guang Qin Zhuo | LK-80GA | QZ20150611879 | 11-30-2024 | 11-29-2025 |
| Temperature/ Humidity Indicator | biaozhi | HM10 | 1804186 | 05-26-2025 | 05-25-2026 |
| BT&WI-FI Automatic test software | MWRF-test | MTS 8310 | V2.0.0.0 | --- | --- |
| Spectrum Analyzer | R&S | FSV3044 | 101509 | 02-14-2025 | 02-13-2026 |

| Conducted disturbance Test | | | | | |
|------------------------------------|--------------|-----------|------------------|--------------|---------------|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. date | Cal. Due date |
| | | | | (mm-dd-yyyy) | (mm-dd-yyyy) |
| Receiver | R&S | ESCI | 100435 | 04-08-2025 | 04-07-2026 |
| Temperature/ Humidity Indicator | Defu | TH128 | / | 03-31-2025 | 03-30-2026 |
| LISN | R&S | ENV216 | 100098 | 09-19-2024 | 09-18-2025 |
| Barometer | changchun | DYM3 | 1188 | --- | --- |
| Test software | Fara | EZ-EMC | EMC-CON 3A1.1 | --- | --- |
| Capacitive voltage probe | Schwarzbeck | CVP 9222C | 00124 | 06-07-2025 | 06-06-2026 |
| ISN | TESEQ | ISN T800 | 30297 | 12-05-2024 | 12-04-2025 |

| 3M Semi-anechoic Chamber (2)- Radiated disturbance Test | | | | | |
|---|--------------|-------------|---------------|--------------|---------------|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. date | Cal. Due date |
| | | | | (mm-dd-yyyy) | (mm-dd-yyyy) |
| 3M Chamber & Accessory Equipment | TDK | SAC-3 | --- | 01/13/2024 | 01/12/2027 |
| Receiver | R&S | ESC17 | 100938-003 | 09/07/2024 | 09/06/2025 |
| TRILOG Broadband Antenna | schwarzbeck | VULB 9163 | 9163-618 | 05/14/2025 | 05/13/2026 |
| Loop Antenna | Schwarzbeck | FMZB 1519B | 1519B-076 | 04/07/2025 | 04/06/2026 |
| Microwave Preamplifier | Tonscend | EMC051845SE | 980380 | 12/05/2024 | 12/04/2025 |
| Horn Antenna | A.H.SYSTEMS | SAS-574 | 374 | 07/02/2023 | 07/01/2026 |
| Horn Antenna | ETS-LINGREN | BBHA 9120D | 9120D-1869 | 04/07/2025 | 04/06/2026 |
| Preamplifier | Agilent | 11909A | 12-1 | 03/03/2025 | 03/02/2026 |
| Preamplifier | CD | PAP-1840-60 | 6041.6042 | 05/26/2025 | 05/25/2026 |
| Test software | Fara | EZ-EMC | EMEC-3A1-Pre | --- | --- |
| Cable line | Fulai(7M) | SF106 | 5219/6A | 01/13/2024 | 01/12/2027 |
| Cable line | Fulai(6M) | SF106 | 5220/6A | 01/13/2024 | 01/12/2027 |
| Cable line | Fulai(3M) | SF106 | 5216/6A | 01/13/2024 | 01/12/2027 |
| Cable line | Fulai(3M) | SF106 | 5217/6A | 01/13/2024 | 01/12/2027 |

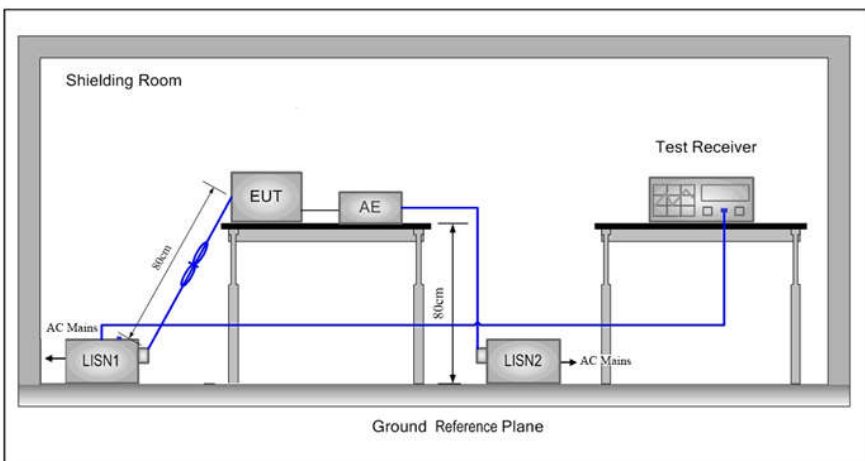
| 3M full-anechoic Chamber | | | | | |
|------------------------------------|--------------|-------------------|---------------|---------------------------|-------------------------------|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. Date (mm-dd-yyyy) | Cal. Due date (mm-dd-yyyy) |
| Fully Anechoic Chamber | TDK | FAC-3 | --- | 01-09-2024 | 01-08-2027 |
| Receiver | Keysight | N9038A | MY57290136 | 01-04-2025 | 01-03-2026 |
| Spectrum Analyzer | Keysight | N9020B | MY57111112 | 01-14-2025 | 01-13-2026 |
| Spectrum Analyzer | Keysight | N9030B | MY57140871 | 01-14-2025 | 01-13-2026 |
| TRILOG Broadband Antenna | Schwarzbeck | VULB 9163 | 9163-1148 | 04-12-2025 | 04-11-2026 |
| Horn Antenna | Schwarzbeck | BBHA 9170 | 9170-832 | 04-12-2025 | 04-11-2026 |
| Horn Antenna | ETS-LINDGREN | 3117 | 57407 | 06-29-2025 | 06-28-2026 |
| Preamplifier | EMCI | EMC001330 | 980563 | 03-03-2025 | 03-02-2026 |
| Preamplifier | Tonscend | TAP-011858 | AP21B806112 | 07-07-2025 | 07-06-2026 |
| Preamplifier | Tonscend | EMC051845SE | 980380 | 12-05-2024 | 12-04-2025 |
| Communication test set | R&S | CMW500 | 102898 | 01-04-2025 | 01-03-2026 |
| Temperature/ Humidity Indicator | biaozhi | GM1360 | EE1186631 | 03-31-2025 | 03-30-2026 |
| RSE Automatic test software | JS Tonscend | JS36-RSE | V4.0.0.0 | --- | --- |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0002 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0003 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-2.50M | 393495-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | EMC104-NMNM-1000 | SN160710 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-3.00M | 394813-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMNM-1.50M | 381964-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-7.00M | 394815-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | HF160-KMKM-3.00M | 393493-0001 | 01-09-2024 | 01-08-2027 |

5 Test results and Measurement Data

5.1 Antenna Requirement

| | |
|---|--|
| Standard requirement: | 47 CFR Part 15C Section 15.203 /247(c) |
| 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi. | |
| EUT Antenna: | Please see Internal photos |

5.2 Conducted Emissions

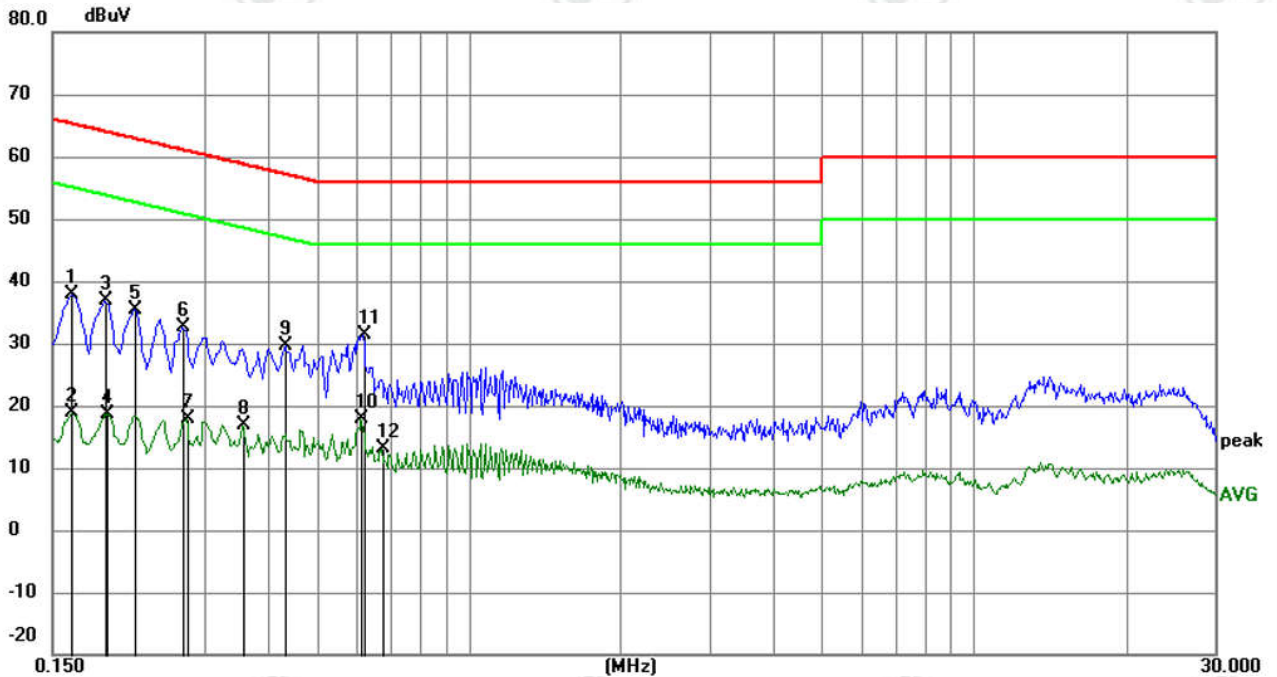
| Test Requirement: | 47 CFR Part 15C Section 15.207 | | | | | | | | | | | | | | | | |
|-----------------------|---|-----------|--|-----------------------|--------------|--|------------|---------|----------|-----------|-----------|-------|----|----|------|----|----|
| Test Method: | ANSI C63.10: 2013 | | | | | | | | | | | | | | | | |
| Test Frequency Range: | 150kHz to 30MHz | | | | | | | | | | | | | | | | |
| Receiver setup: | RBW=9 kHz, VBW=30 kHz, Sweep time=auto | | | | | | | | | | | | | | | | |
| Limit: | <table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBuV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>5-30</td><td>60</td><td>50</td></tr></table> <p>* Decreases with the logarithm of the frequency.</p> | | | Frequency range (MHz) | Limit (dBuV) | | Quasi-peak | Average | 0.15-0.5 | 66 to 56* | 56 to 46* | 0.5-5 | 56 | 46 | 5-30 | 60 | 50 |
| Frequency range (MHz) | Limit (dBuV) | | | | | | | | | | | | | | | | |
| | Quasi-peak | Average | | | | | | | | | | | | | | | |
| 0.15-0.5 | 66 to 56* | 56 to 46* | | | | | | | | | | | | | | | |
| 0.5-5 | 56 | 46 | | | | | | | | | | | | | | | |
| 5-30 | 60 | 50 | | | | | | | | | | | | | | | |
| Test Setup: |  | | | | | | | | | | | | | | | | |
| Test Procedure: | <ol style="list-style-type: none">1) The mains terminal disturbance voltage test was conducted in a shielded room.2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane.4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement. | | | | | | | | | | | | | | | | |
| Test Mode: | All modes were tested, only the worst case mode a was recorded in the report. | | | | | | | | | | | | | | | | |

| | |
|---------------|------|
| Test Results: | Pass |
|---------------|------|

Measurement Data

| | | | |
|--------|--------------|----------|-----------|
| Remark | | | |
| Mode: | Transmitting | Channel: | 908.4 MHz |

Live line:



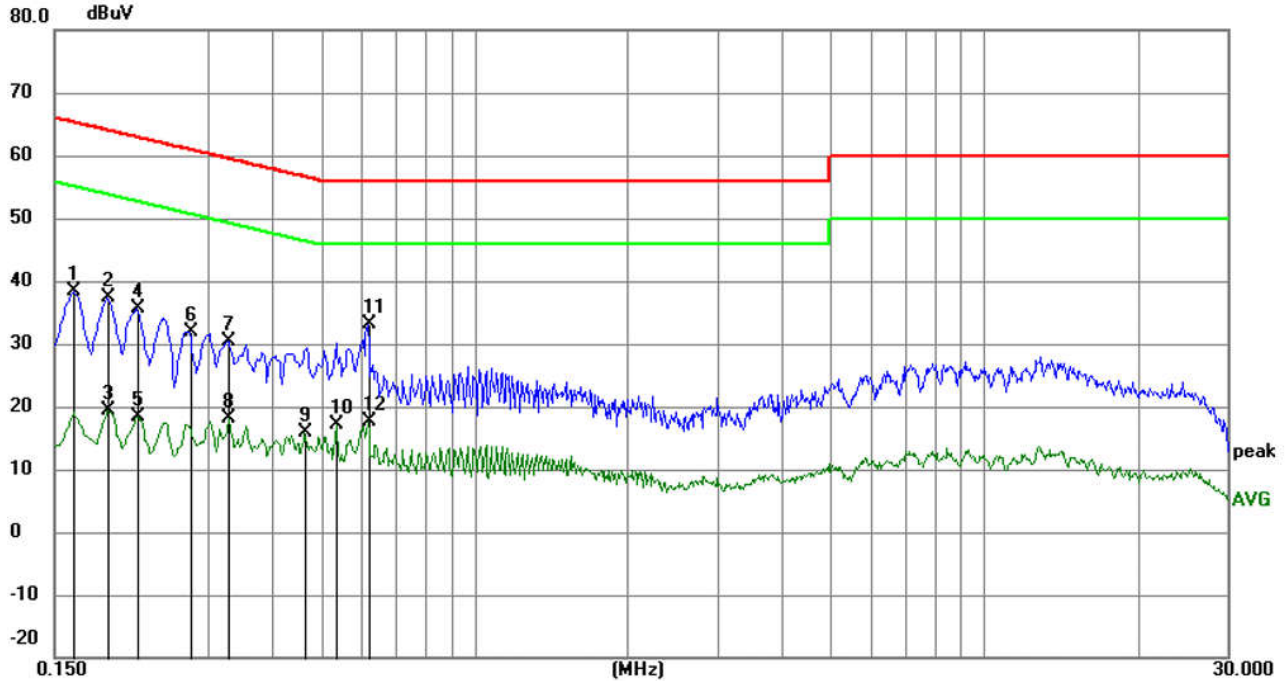
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Margin dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1 | | 0.1635 | 27.70 | 10.26 | 37.96 | 65.28 | -27.32 | QP | |
| 2 | | 0.1635 | 8.62 | 10.26 | 18.88 | 55.28 | -36.40 | AVG | |
| 3 | | 0.1905 | 26.66 | 10.22 | 36.88 | 64.01 | -27.13 | QP | |
| 4 | | 0.1924 | 8.35 | 10.22 | 18.57 | 53.93 | -35.36 | AVG | |
| 5 | | 0.2175 | 25.16 | 10.20 | 35.36 | 62.91 | -27.55 | QP | |
| 6 | | 0.2714 | 22.51 | 10.15 | 32.66 | 61.07 | -28.41 | QP | |
| 7 | | 0.2760 | 7.79 | 10.15 | 17.94 | 50.94 | -33.00 | AVG | |
| 8 | | 0.3570 | 6.74 | 10.11 | 16.85 | 48.80 | -31.95 | AVG | |
| 9 | | 0.4335 | 19.58 | 10.09 | 29.67 | 57.19 | -27.52 | QP | |
| 10 | | 0.6134 | 7.68 | 10.10 | 17.78 | 46.00 | -28.22 | AVG | |
| 11 | * | 0.6180 | 21.35 | 10.11 | 31.46 | 56.00 | -24.54 | QP | |
| 12 | | 0.6720 | 3.05 | 10.12 | 13.17 | 46.00 | -32.83 | AVG | |

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

| | | | |
|--------|--------------|----------|-----------|
| Remark | | | |
| Mode: | Transmitting | Channel: | 908.4 MHz |

Neutral line:



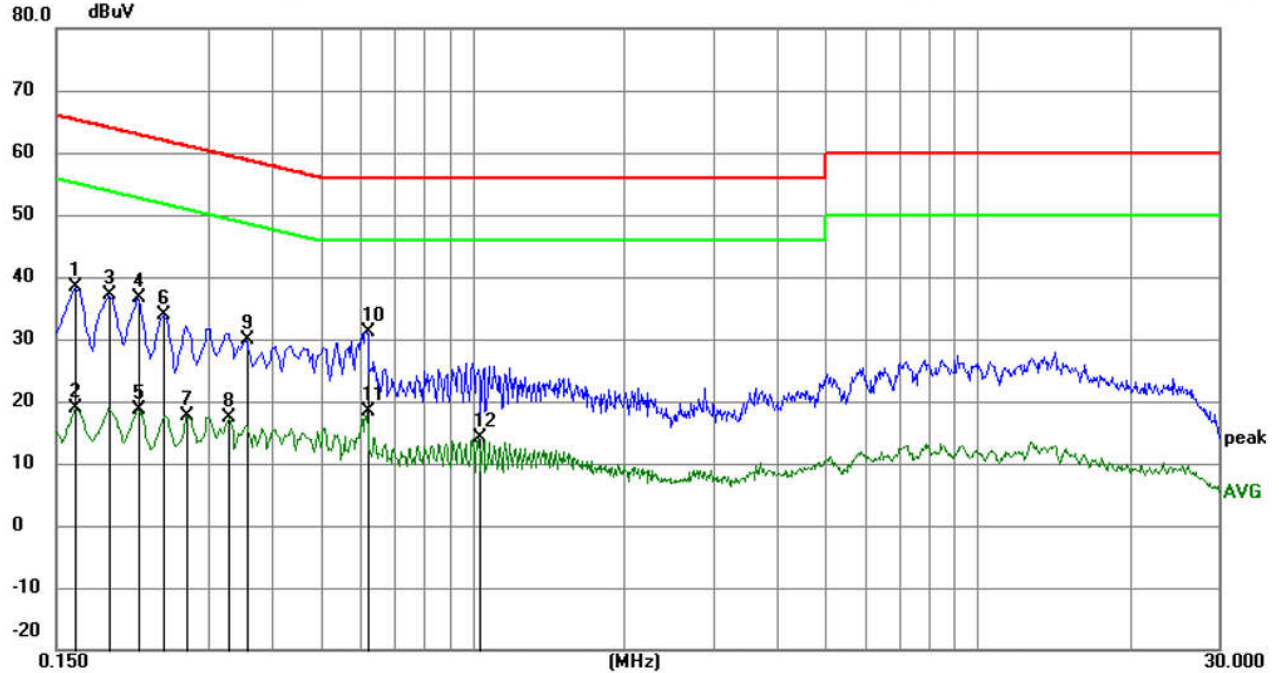
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Margin dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1 | | 0.1635 | 28.19 | 10.26 | 38.45 | 65.28 | -26.83 | QP | |
| 2 | | 0.1905 | 27.27 | 10.22 | 37.49 | 64.01 | -26.52 | QP | |
| 3 | | 0.1905 | 9.09 | 10.22 | 19.31 | 54.01 | -34.70 | AVG | |
| 4 | | 0.2175 | 25.38 | 10.20 | 35.58 | 62.91 | -27.33 | QP | |
| 5 | | 0.2175 | 8.19 | 10.20 | 18.39 | 52.91 | -34.52 | AVG | |
| 6 | | 0.2760 | 21.84 | 10.15 | 31.99 | 60.94 | -28.95 | QP | |
| 7 | | 0.3300 | 20.25 | 10.12 | 30.37 | 59.45 | -29.08 | QP | |
| 8 | | 0.3300 | 7.91 | 10.12 | 18.03 | 49.45 | -31.42 | AVG | |
| 9 | | 0.4650 | 5.74 | 10.08 | 15.82 | 46.60 | -30.78 | AVG | |
| 10 | | 0.5370 | 6.98 | 10.09 | 17.07 | 46.00 | -28.93 | AVG | |
| 11 | * | 0.6180 | 22.95 | 10.11 | 33.06 | 56.00 | -22.94 | QP | |
| 12 | | 0.6180 | 7.60 | 10.11 | 17.71 | 46.00 | -28.29 | AVG | |

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

| | | | |
|--------|--------------|----------|------------|
| Remark | | | |
| Mode: | Transmitting | Channel: | 908.42 MHz |

Live line:



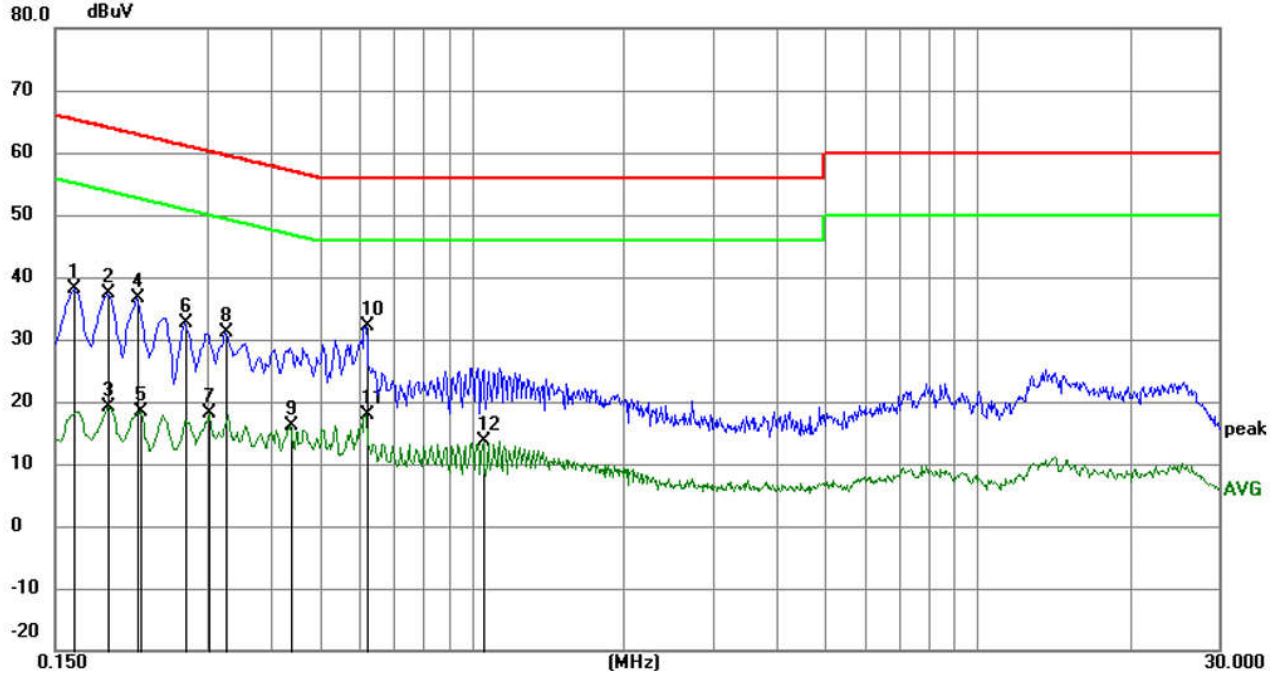
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Margin dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1 | | 0.1635 | 28.12 | 10.26 | 38.38 | 65.28 | -26.90 | QP | |
| 2 | | 0.1635 | 8.70 | 10.26 | 18.96 | 55.28 | -36.32 | AVG | |
| 3 | | 0.1905 | 26.87 | 10.22 | 37.09 | 64.01 | -26.92 | QP | |
| 4 | | 0.2175 | 26.52 | 10.20 | 36.72 | 62.91 | -26.19 | QP | |
| 5 | | 0.2175 | 8.37 | 10.20 | 18.57 | 52.91 | -34.34 | AVG | |
| 6 | | 0.2445 | 23.71 | 10.17 | 33.88 | 61.94 | -28.06 | QP | |
| 7 | | 0.2714 | 7.58 | 10.15 | 17.73 | 51.07 | -33.34 | AVG | |
| 8 | | 0.3300 | 7.31 | 10.12 | 17.43 | 49.45 | -32.02 | AVG | |
| 9 | | 0.3570 | 19.65 | 10.11 | 29.76 | 58.80 | -29.04 | QP | |
| 10 | * | 0.6180 | 21.00 | 10.11 | 31.11 | 56.00 | -24.89 | QP | |
| 11 | | 0.6180 | 8.27 | 10.11 | 18.38 | 46.00 | -27.62 | AVG | |
| 12 | | 1.0275 | 3.87 | 10.18 | 14.05 | 46.00 | -31.95 | AVG | |

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

| | | | |
|--------|--------------|----------|------------|
| Remark | | | |
| Mode: | Transmitting | Channel: | 908.42 MHz |

Neutral line:



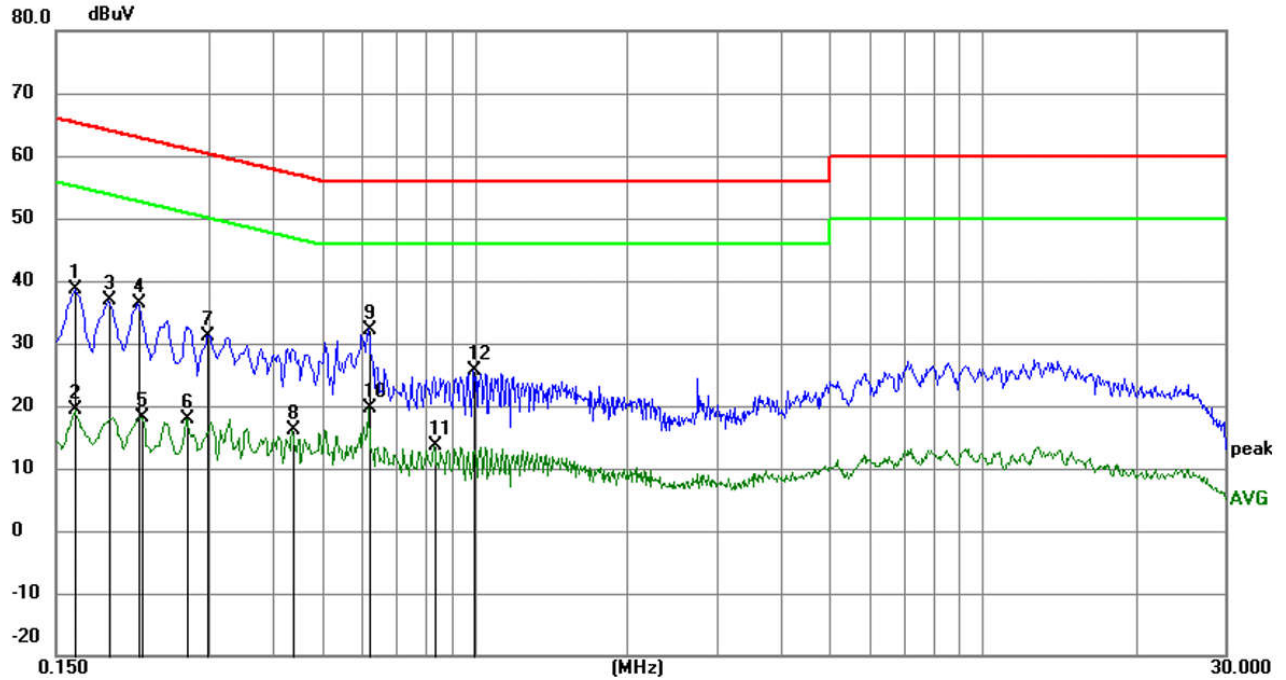
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Margin dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1 | | 0.1635 | 27.92 | 10.26 | 38.18 | 65.28 | -27.10 | QP | |
| 2 | | 0.1905 | 27.25 | 10.22 | 37.47 | 64.01 | -26.54 | QP | |
| 3 | | 0.1905 | 8.91 | 10.22 | 19.13 | 54.01 | -34.88 | AVG | |
| 4 | | 0.2175 | 26.31 | 10.20 | 36.51 | 62.91 | -26.40 | QP | |
| 5 | | 0.2220 | 8.20 | 10.19 | 18.39 | 52.74 | -34.35 | AVG | |
| 6 | | 0.2714 | 22.39 | 10.15 | 32.54 | 61.07 | -28.53 | QP | |
| 7 | | 0.3030 | 7.90 | 10.13 | 18.03 | 50.16 | -32.13 | AVG | |
| 8 | | 0.3255 | 21.04 | 10.12 | 31.16 | 59.57 | -28.41 | QP | |
| 9 | | 0.4380 | 6.01 | 10.09 | 16.10 | 47.10 | -31.00 | AVG | |
| 10 | * | 0.6180 | 21.95 | 10.11 | 32.06 | 56.00 | -23.94 | QP | |
| 11 | | 0.6180 | 7.73 | 10.11 | 17.84 | 46.00 | -28.16 | AVG | |
| 12 | | 1.0545 | 3.41 | 10.18 | 13.59 | 46.00 | -32.41 | AVG | |

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

| | | | |
|--------|--------------|----------|------------|
| Remark | | | |
| Mode: | Transmitting | Channel: | 908.12 MHz |

Live line:



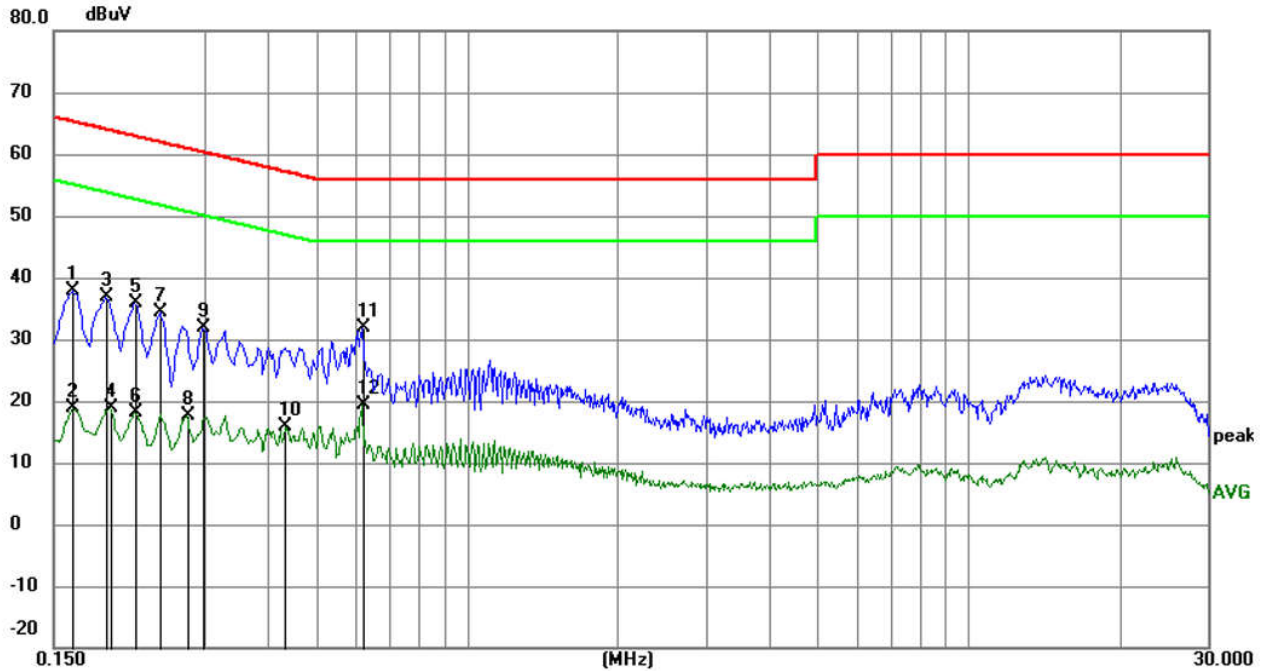
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Margin dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1 | | 0.1635 | 28.26 | 10.26 | 38.52 | 65.28 | -26.76 | QP | |
| 2 | | 0.1635 | 9.12 | 10.26 | 19.38 | 55.28 | -35.90 | AVG | |
| 3 | | 0.1905 | 26.75 | 10.22 | 36.97 | 64.01 | -27.04 | QP | |
| 4 | | 0.2175 | 26.13 | 10.20 | 36.33 | 62.91 | -26.58 | QP | |
| 5 | | 0.2220 | 8.04 | 10.19 | 18.23 | 52.74 | -34.51 | AVG | |
| 6 | | 0.2714 | 7.68 | 10.15 | 17.83 | 51.07 | -33.24 | AVG | |
| 7 | | 0.2985 | 21.07 | 10.13 | 31.20 | 60.28 | -29.08 | QP | |
| 8 | | 0.4380 | 6.03 | 10.09 | 16.12 | 47.10 | -30.98 | AVG | |
| 9 | * | 0.6180 | 22.14 | 10.11 | 32.25 | 56.00 | -23.75 | QP | |
| 10 | | 0.6180 | 9.58 | 10.11 | 19.69 | 46.00 | -26.31 | AVG | |
| 11 | | 0.8340 | 3.37 | 10.18 | 13.55 | 46.00 | -32.45 | AVG | |
| 12 | | 0.9960 | 15.52 | 10.18 | 25.70 | 56.00 | -30.30 | QP | |

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

| | | | |
|--------|--------------|----------|---------|
| Remark | | | |
| Mode: | Transmitting | Channel: | 912 MHz |

Neutral line:



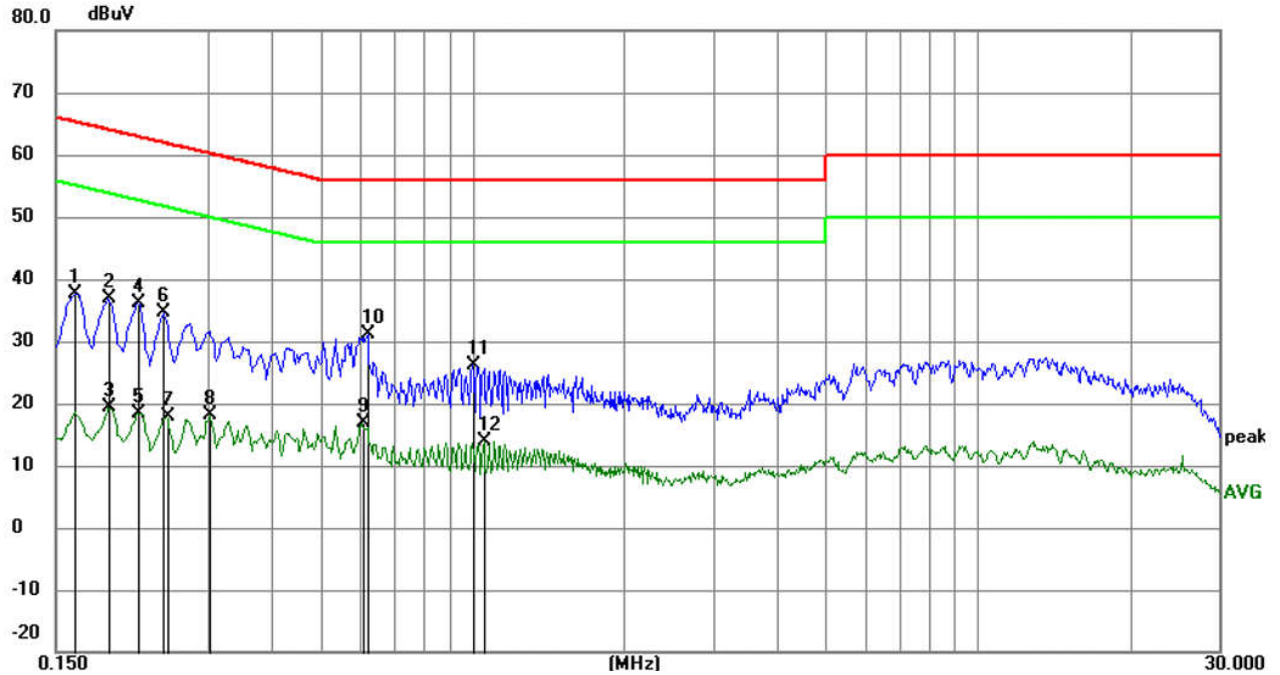
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Margin dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1 | | 0.1635 | 27.62 | 10.26 | 37.88 | 65.28 | -27.40 | QP | |
| 2 | | 0.1635 | 8.69 | 10.26 | 18.95 | 55.28 | -36.33 | AVG | |
| 3 | | 0.1905 | 26.71 | 10.22 | 36.93 | 64.01 | -27.08 | QP | |
| 4 | | 0.1949 | 8.73 | 10.22 | 18.95 | 53.83 | -34.88 | AVG | |
| 5 | | 0.2175 | 25.78 | 10.20 | 35.98 | 62.91 | -26.93 | QP | |
| 6 | | 0.2175 | 8.02 | 10.20 | 18.22 | 52.91 | -34.69 | AVG | |
| 7 | | 0.2445 | 24.31 | 10.17 | 34.48 | 61.94 | -27.46 | QP | |
| 8 | | 0.2760 | 7.57 | 10.15 | 17.72 | 50.94 | -33.22 | AVG | |
| 9 | | 0.2985 | 21.71 | 10.13 | 31.84 | 60.28 | -28.44 | QP | |
| 10 | | 0.4335 | 5.70 | 10.09 | 15.79 | 47.19 | -31.40 | AVG | |
| 11 | * | 0.6180 | 21.65 | 10.11 | 31.76 | 56.00 | -24.24 | QP | |
| 12 | | 0.6180 | 9.23 | 10.11 | 19.34 | 46.00 | -26.66 | AVG | |

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

| | | | |
|--------|--------------|----------|---------|
| Remark | | | |
| Mode: | Transmitting | Channel: | 920 MHz |

Live line:



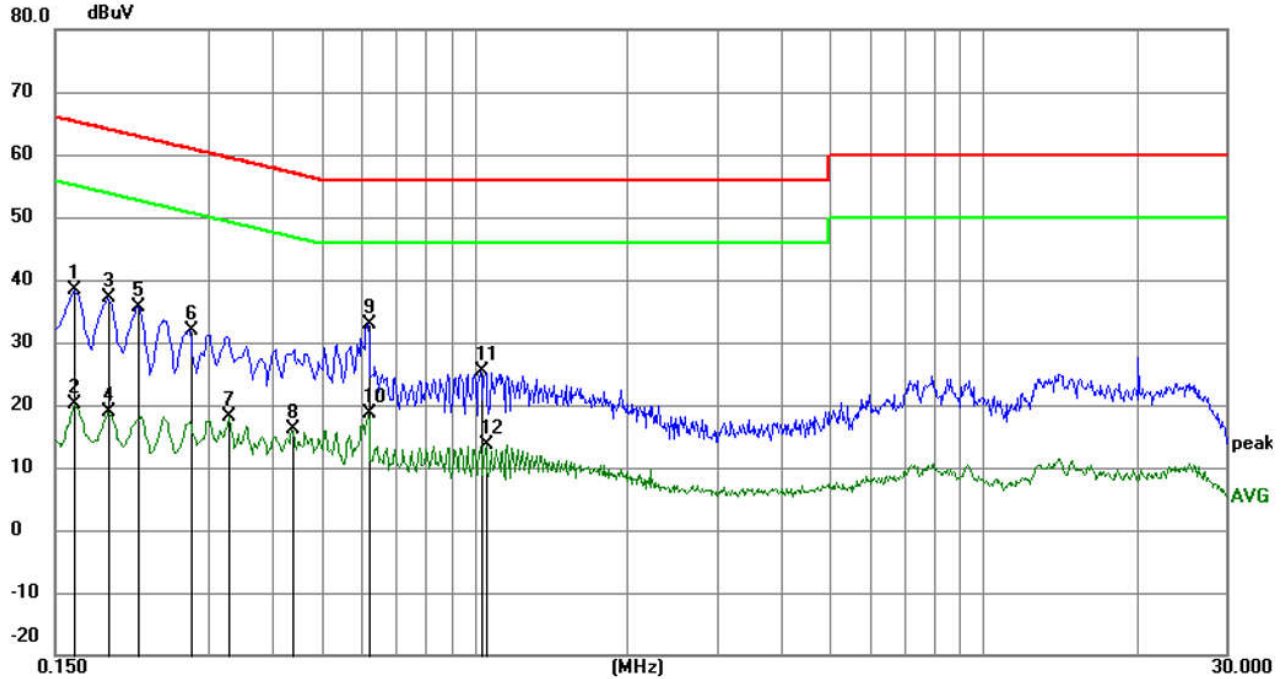
| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Margin dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1 | | 0.1635 | 27.46 | 10.26 | 37.72 | 65.28 | -27.56 | QP | |
| 2 | | 0.1905 | 26.78 | 10.22 | 37.00 | 64.01 | -27.01 | QP | |
| 3 | | 0.1905 | 9.14 | 10.22 | 19.36 | 54.01 | -34.65 | AVG | |
| 4 | | 0.2175 | 26.00 | 10.20 | 36.20 | 62.91 | -26.71 | QP | |
| 5 | | 0.2175 | 8.21 | 10.20 | 18.41 | 52.91 | -34.50 | AVG | |
| 6 | | 0.2445 | 24.40 | 10.17 | 34.57 | 61.94 | -27.37 | QP | |
| 7 | | 0.2490 | 7.74 | 10.17 | 17.91 | 51.79 | -33.88 | AVG | |
| 8 | | 0.3030 | 7.90 | 10.13 | 18.03 | 50.16 | -32.13 | AVG | |
| 9 | | 0.6045 | 6.70 | 10.10 | 16.80 | 46.00 | -29.20 | AVG | |
| 10 | * | 0.6225 | 20.92 | 10.11 | 31.03 | 56.00 | -24.97 | QP | |
| 11 | | 1.0005 | 15.91 | 10.18 | 26.09 | 56.00 | -29.91 | QP | |
| 12 | | 1.0545 | 3.78 | 10.18 | 13.96 | 46.00 | -32.04 | AVG | |

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

| | | | |
|--------|--------------|----------|---------|
| Remark | | | |
| Mode: | Transmitting | Channel: | 920 MHz |

Neutral line:

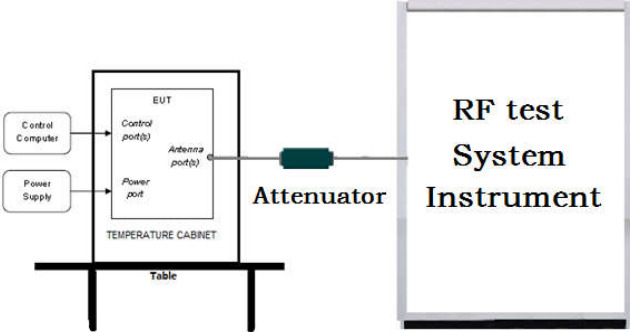


| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Margin dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1 | | 0.1635 | 28.14 | 10.26 | 38.40 | 65.28 | -26.88 | QP | |
| 2 | | 0.1635 | 9.75 | 10.26 | 20.01 | 55.28 | -35.27 | AVG | |
| 3 | | 0.1905 | 26.93 | 10.22 | 37.15 | 64.01 | -26.86 | QP | |
| 4 | | 0.1905 | 8.60 | 10.22 | 18.82 | 54.01 | -35.19 | AVG | |
| 5 | | 0.2175 | 25.53 | 10.20 | 35.73 | 62.91 | -27.18 | QP | |
| 6 | | 0.2760 | 21.84 | 10.15 | 31.99 | 60.94 | -28.95 | QP | |
| 7 | | 0.3300 | 7.95 | 10.12 | 18.07 | 49.45 | -31.38 | AVG | |
| 8 | | 0.4380 | 5.98 | 10.09 | 16.07 | 47.10 | -31.03 | AVG | |
| 9 | * | 0.6180 | 22.67 | 10.11 | 32.78 | 56.00 | -23.22 | QP | |
| 10 | | 0.6180 | 8.44 | 10.11 | 18.55 | 46.00 | -27.45 | AVG | |
| 11 | | 1.0275 | 15.09 | 10.18 | 25.27 | 56.00 | -30.73 | QP | |
| 12 | | 1.0545 | 3.49 | 10.18 | 13.67 | 46.00 | -32.33 | AVG | |

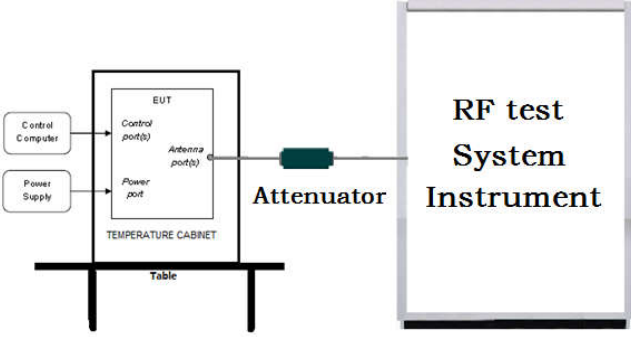
Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

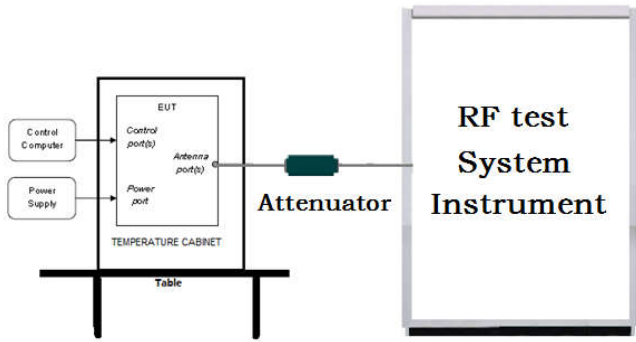
5.3 Maximum Conducted Output Power

| | |
|-------------------|---|
| Test Requirement: | 47 CFR Part 15C Section 15.247 (b)(3) |
| Test Method: | ANSI C63.10 2013 |
| Test Setup: | <div></div> <p>Remark: Offset=Cable loss+ attenuation factor.</p> |
| Test Procedure: | <div>a) Set the RBW \geq DTS bandwidth. b) Set VBW $\geq 3 \times$ RBW. c) Set span $\geq 3 \times$ RBW d) Sweep time = auto couple. e) Detector = peak. f) Trace mode = max hold. g) Allow trace to fully stabilize. h) Use peak marker function to determine the peak amplitude level.</div> |
| Limit: | 30dBm |
| Test Mode: | Refer to clause 5.3 |
| Test Results: | Refer to Appendix A |

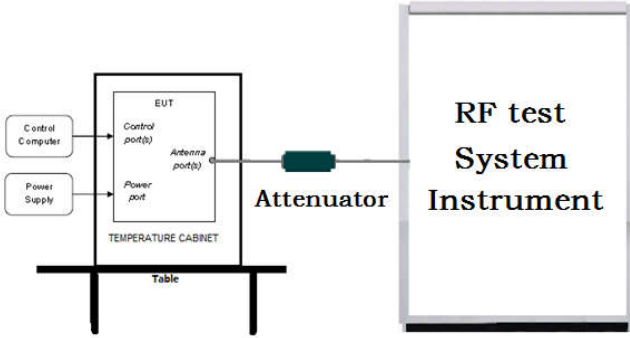
5.4 DTS Bandwidth

| | |
|-------------------|--|
| Test Requirement: | 47 CFR Part 15C Section 15.247 (a)(2) |
| Test Method: | ANSI C63.10 2013 |
| Test Setup: |  <p>Remark: Offset=Cable loss+ attenuation factor.</p> |
| Test Procedure: | <p>a) Set RBW = 100 kHz.</p> <p>b) Set the VBW $\geq [3 \times \text{RBW}]$.</p> <p>c) Detector = peak.</p> <p>d) Trace mode = max hold.</p> <p>e) Sweep = auto couple.</p> <p>f) Allow the trace to stabilize.</p> <p>g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.</p> |
| Limit: | $\geq 500 \text{ kHz}$ |
| Test Mode: | Refer to clause 5.3 |
| Test Results: | Refer to Appendix A |

5.5 Maximum Power Spectral Density

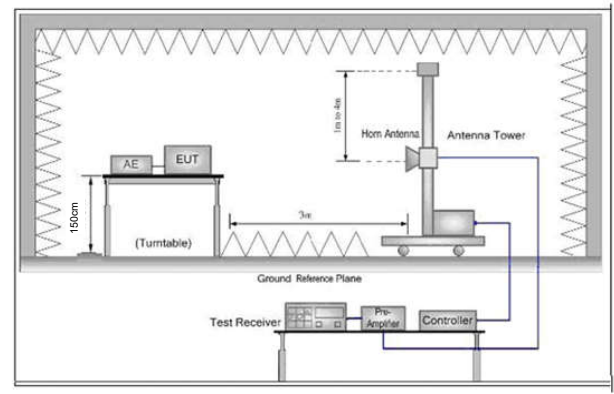
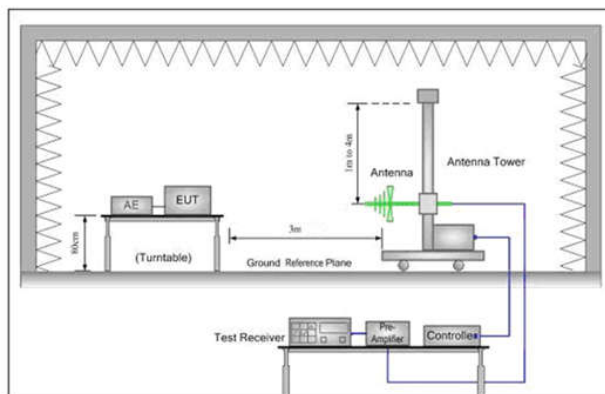
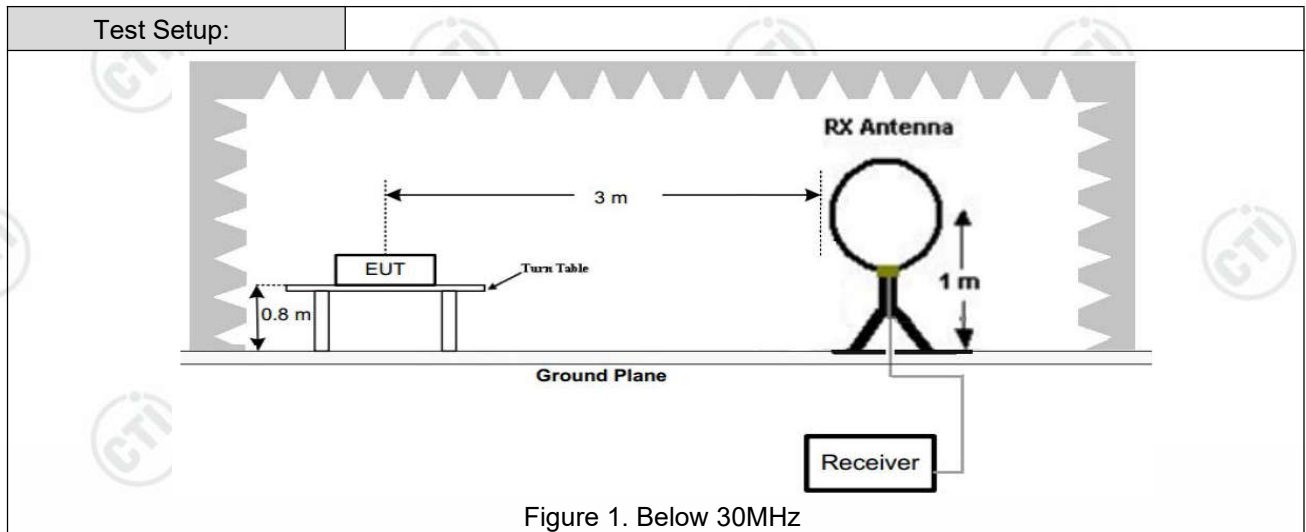
| | |
|-------------------|--|
| Test Requirement: | 47 CFR Part 15C Section 15.247 (e) |
| Test Method: | ANSI C63.10 2013 |
| Test Setup: |  <p>Remark: Offset=Cable loss+ attenuation factor.</p> |
| Test Procedure: | <p>a) Set analyzer center frequency to DTS channel center frequency.</p> <p>b) Set the span to 1.5 times the DTS bandwidth.</p> <p>c) Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.</p> <p>d) Set the VBW $\geq [3 \times \text{RBW}]$.</p> <p>e) Detector = peak.</p> <p>f) Sweep time = auto couple.</p> <p>g) Trace mode = max hold.</p> <p>h) Allow trace to fully stabilize.</p> <p>i) Use the peak marker function to determine the maximum amplitude level within the RBW.</p> <p>j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.</p> |
| Limit: | $\leq 8.00 \text{ dBm}/3 \text{ kHz}$ |
| Test Mode: | Refer to clause 5.3 |
| Test Results: | Refer to Appendix A |

5.6 Band Edge measurements and Conducted Spurious Emission

| | |
|-------------------|---|
| Test Requirement: | 47 CFR Part 15C Section 15.247 (d) |
| Test Method: | ANSI C63.10 2013 |
| Test Setup: |  <p>Remark: Offset=Cable loss+ attenuation factor.</p> |
| Test Procedure: | <ul style="list-style-type: none"> a) Set RBW =100KHz. b) Set VBW = 300KHz. c) Sweep time = auto couple. d) Detector = peak. e) Trace mode = max hold. f) Allow trace to fully stabilize. g) Use peak marker function to determine the peak amplitude level. |
| Limit: | In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. |
| Test Mode: | Refer to clause 5.3 |
| Test Results: | Refer to Appendix A |

5.7 Radiated Spurious Emission

| | | | | | |
|-------------------|---|-------------------------------------|-------------------|------------|-----------------------------|
| Test Requirement: | 47 CFR Part 15C Section 15.209 and 15.205 | | | | |
| Test Method: | ANSI C63.10 2013 | | | | |
| Test Site: | Measurement Distance: 3m (Semi-Anechoic Chamber) | | | | |
| Receiver Setup: | Frequency | Detector | RBW | VBW | Remark |
| | 0.009MHz-0.090MHz | Peak | 10kHz | 30kHz | Peak |
| | 0.009MHz-0.090MHz | Average | 10kHz | 30kHz | Average |
| | 0.090MHz-0.110MHz | Quasi-peak | 10kHz | 30kHz | Quasi-peak |
| | 0.110MHz-0.490MHz | Peak | 10kHz | 30kHz | Peak |
| | 0.110MHz-0.490MHz | Average | 10kHz | 30kHz | Average |
| | 0.490MHz -30MHz | Quasi-peak | 10kHz | 30kHz | Quasi-peak |
| | 30MHz-1GHz | Quasi-peak | 100 kHz | 300kHz | Quasi-peak |
| | Above 1GHz | Peak | 1MHz | 3MHz | Peak |
| | | Peak | 1MHz | 10kHz | Average |
| Limit: | Frequency | Field strength (microvolt/meter) | Limit (dBuV/m) | Remark | Measurement distance (m) |
| | 0.009MHz-0.490MHz | 2400/F(kHz) | - | - | 300 |
| | 0.490MHz-1.705MHz | 24000/F(kHz) | - | - | 30 |
| | 1.705MHz-30MHz | 30 | - | - | 30 |
| | 30MHz-88MHz | 100 | 40.0 | Quasi-peak | 3 |
| | 88MHz-216MHz | 150 | 43.5 | Quasi-peak | 3 |
| | 216MHz-960MHz | 200 | 46.0 | Quasi-peak | 3 |
| | 960MHz-1GHz | 500 | 54.0 | Quasi-peak | 3 |
| | Above 1GHz | 500 | 54.0 | Average | 3 |
| | Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device. | | | | |



Test Procedure:

- 1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
 - 2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- Note: For the radiated emission test above 1GHz:
- Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
 - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both

| | |
|---------------|--|
| | <p>horizontal and vertical polarizations of the antenna are set to make the measurement.</p> <p>d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</p> <p>g. Test the EUT in the lowest channel (2402MHz),the middle channel (2440MHz),the Highest channel (2480MHz)</p> <p>h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.</p> <p>i. Repeat above procedures until all frequencies measured was complete.</p> |
| Test Mode: | Refer to clause 5.3 |
| Test Results: | Pass |

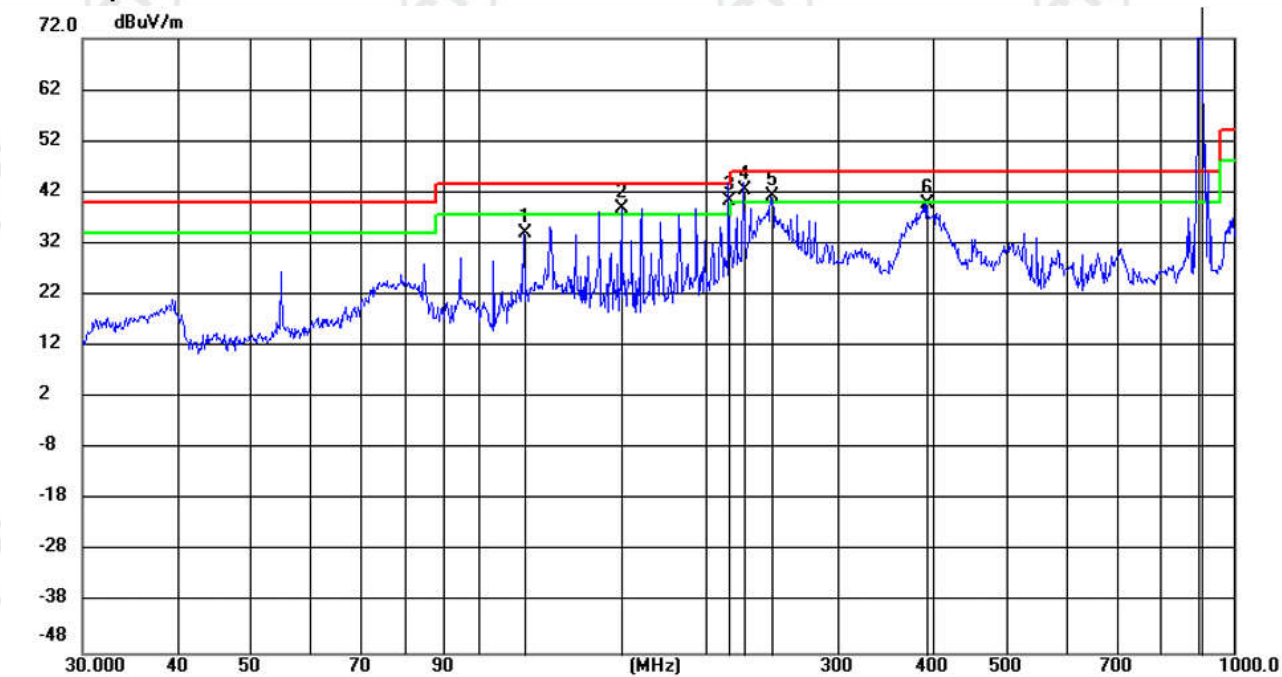
Radiated Spurious Emission 9kHz-30MHz:

9 kHz~30 MHz Field Strength of Unwanted Emissions. Quasi-Peak Measurement
The measurements with active loop antenna were greater than 20dB below the limit, so the test data were not recorded in the test report.

Radiated Spurious Emission 30MHz-1GHz:

| | | | |
|--------|--------------|----------|------------|
| Remark | | Polarity | Horizontal |
| Mode: | Transmitting | Channel: | 908.4 MHz |

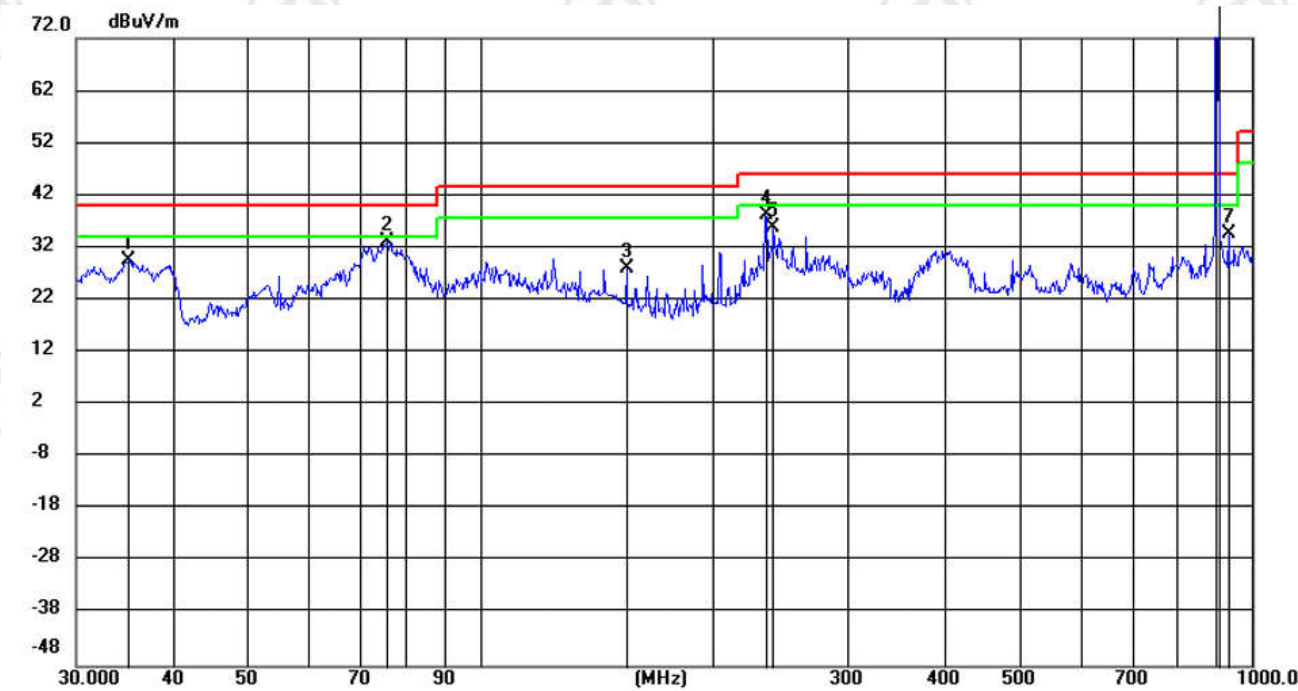
Test Graph



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
| | | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 115.0378 | 21.23 | 12.89 | 34.12 | 43.50 | -9.38 | QP | 100 | 45 |
| 2 | ! | 155.0920 | 28.44 | 10.52 | 38.96 | 43.50 | -4.54 | QP | 199 | 214 |
| 3 | ! | 215.0037 | 26.91 | 13.35 | 40.26 | 43.50 | -3.24 | QP | 100 | 243 |
| 4 | ! | 224.9524 | 28.81 | 13.72 | 42.53 | 46.00 | -3.47 | QP | 199 | 254 |
| 5 | ! | 245.0466 | 26.63 | 14.50 | 41.13 | 46.00 | -4.87 | QP | 199 | 174 |
| 6 | | 392.9207 | 20.23 | 19.38 | 39.61 | 46.00 | -6.39 | QP | 100 | 235 |
| 7 | * | 908.4320 | 67.35 | 27.33 | 94.68 | 46.00 | 48.68 | QP | 199 | 230 |

| | | | |
|--------|--------------|----------|-----------|
| Remark | | Polarity | Vertical |
| Mode: | Transmitting | Channel: | 909.4 MHz |

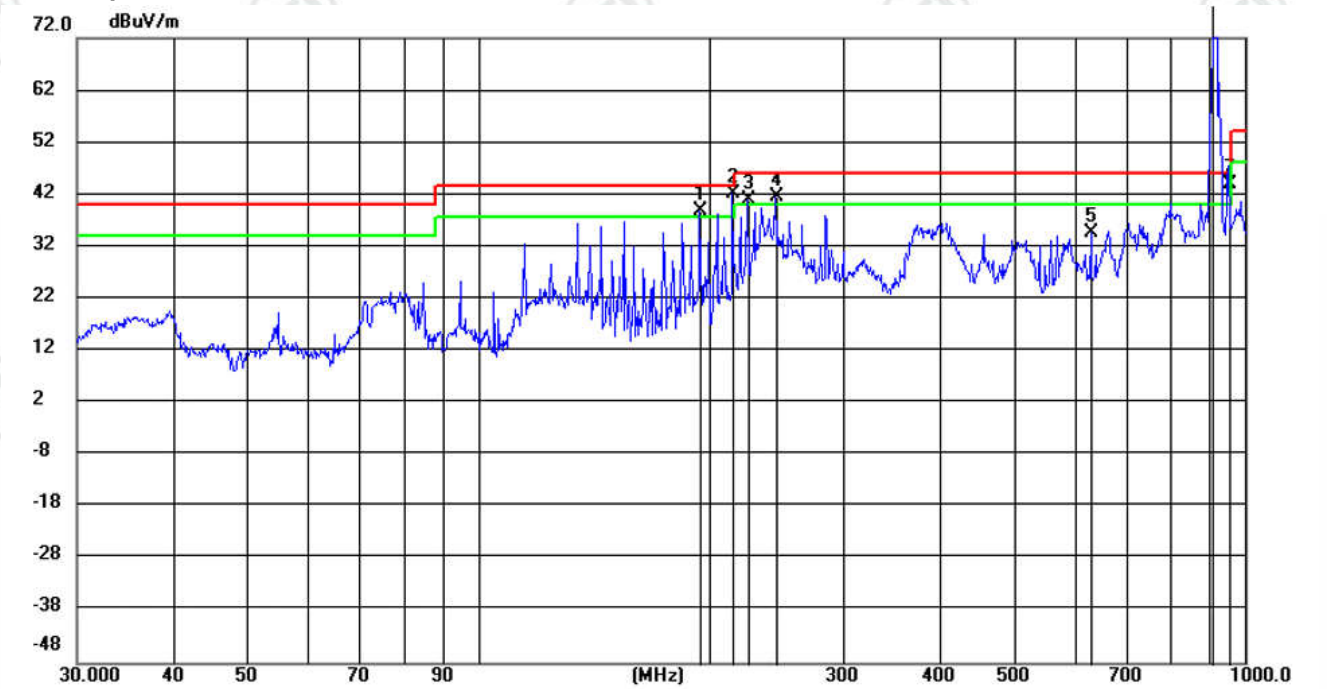
Test Graph



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Detector | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|----------|-------------------------|---------------------------|---------|
| 1 | | 35.0661 | 16.94 | 12.64 | 29.58 | 40.00 | -10.42 | QP | 100 | 253 | |
| 2 | | 75.8575 | 23.05 | 10.02 | 33.07 | 40.00 | -6.93 | QP | 200 | 352 | |
| 3 | | 154.9559 | 17.64 | 10.52 | 28.16 | 43.50 | -15.34 | QP | 100 | 135 | |
| 4 | | 234.9497 | 24.14 | 14.10 | 38.24 | 46.00 | -7.76 | QP | 100 | 167 | |
| 5 | | 239.9873 | 21.44 | 14.30 | 35.74 | 46.00 | -10.26 | QP | 100 | 51 | |
| 6 | * | 908.4100 | 76.34 | 27.33 | 103.67 | 46.00 | 57.67 | QP | 200 | 279 | |
| 7 | | 935.0543 | 7.12 | 27.42 | 34.54 | 46.00 | -11.46 | QP | 100 | 79 | |

| | | | |
|--------|--------------|----------|------------|
| Remark | | Polarity | Horizontal |
| Mode: | Transmitting | Channel: | 908.42 MHz |

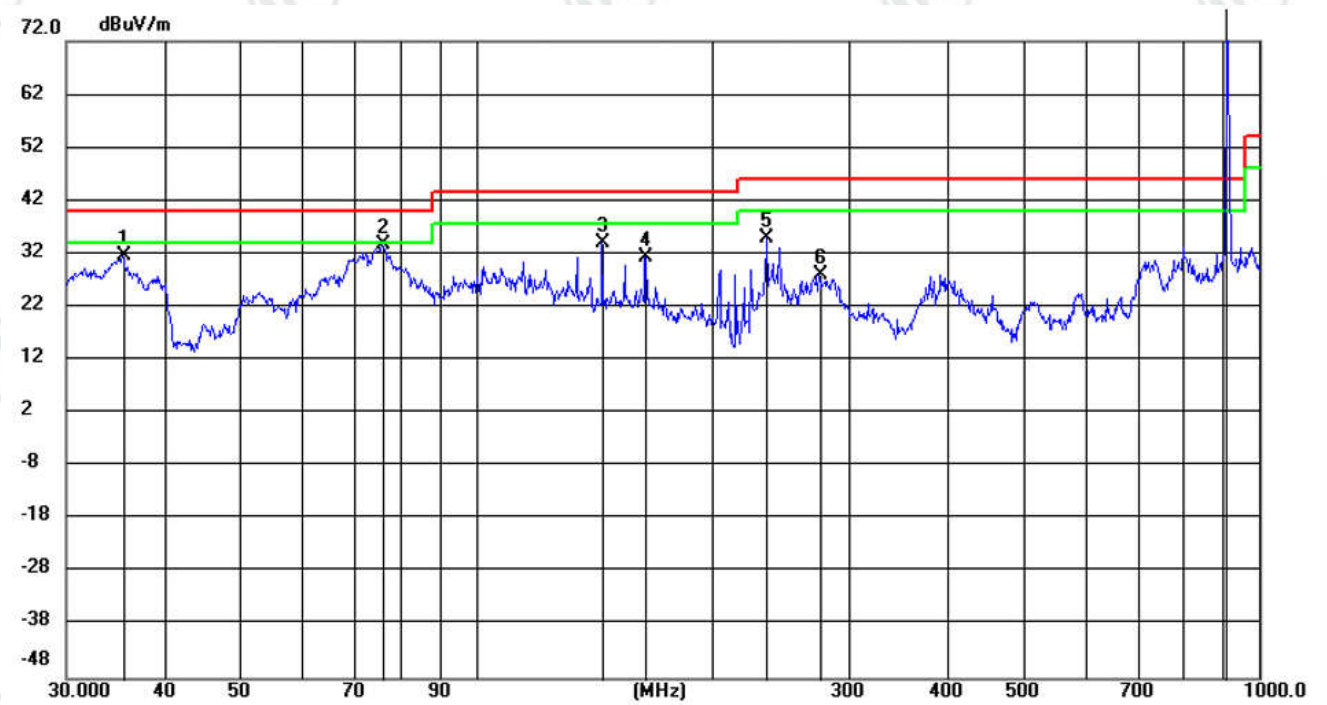
Test Graph



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|-------------------------|-----------------|---------|
| 1 | ! | 195.0338 | 26.08 | 12.78 | 38.86 | 43.50 | -4.64 | QP | 100 | 306 |
| 2 | ! | 215.0414 | 28.91 | 13.36 | 42.27 | 43.50 | -1.23 | QP | 199 | 236 |
| 3 | ! | 224.9524 | 27.21 | 13.72 | 40.93 | 46.00 | -5.07 | QP | 199 | 231 |
| 4 | ! | 244.9610 | 27.19 | 14.48 | 41.67 | 46.00 | -4.33 | QP | 100 | 56 |
| 5 | | 630.2500 | 11.01 | 23.61 | 34.62 | 46.00 | -11.38 | QP | 100 | 230 |
| 6 | * | 908.4230 | 77.49 | 27.33 | 104.82 | 46.00 | 58.82 | QP | 199 | 99 |
| 7 | ! | 954.2662 | 16.41 | 27.49 | 43.90 | 46.00 | -2.10 | QP | 100 | 315 |

| | | | |
|--------|--------------|----------|------------|
| Remark | | Polarity | Vertical |
| Mode: | Transmitting | Channel: | 908.42 MHz |

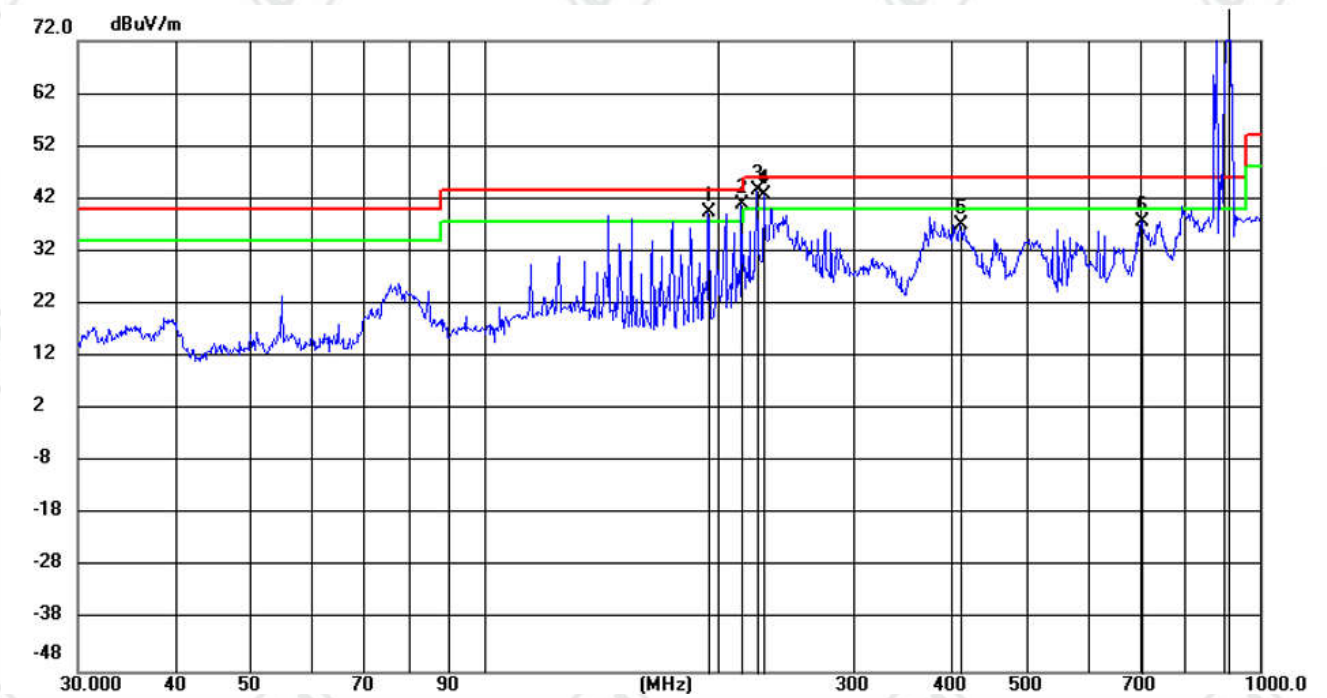
Test Graph



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|-------------------------|---------------------------|---------|
| 1 | | 35.4930 | 18.85 | 12.67 | 31.52 | 40.00 | -8.48 | QP | 200 | 197 |
| 2 | | 76.0973 | 23.67 | 9.99 | 33.66 | 40.00 | -6.34 | QP | 100 | 234 |
| 3 | | 144.9687 | 23.66 | 10.40 | 34.06 | 43.50 | -9.44 | QP | 200 | 342 |
| 4 | | 164.9071 | 20.33 | 11.05 | 31.38 | 43.50 | -12.12 | QP | 200 | 17 |
| 5 | | 234.9909 | 20.71 | 14.10 | 34.81 | 46.00 | -11.19 | QP | 100 | 77 |
| 6 | | 274.9159 | 12.43 | 15.62 | 28.05 | 46.00 | -17.95 | QP | 100 | 344 |
| 7 | * | 908.4215 | 78.49 | 27.33 | 105.82 | 46.00 | 59.82 | QP | 200 | 86 |

| | | | |
|--------|--------------|----------|------------|
| Remark | | Polarity | Horizontal |
| Mode: | Transmitting | Channel: | 912 MHz |

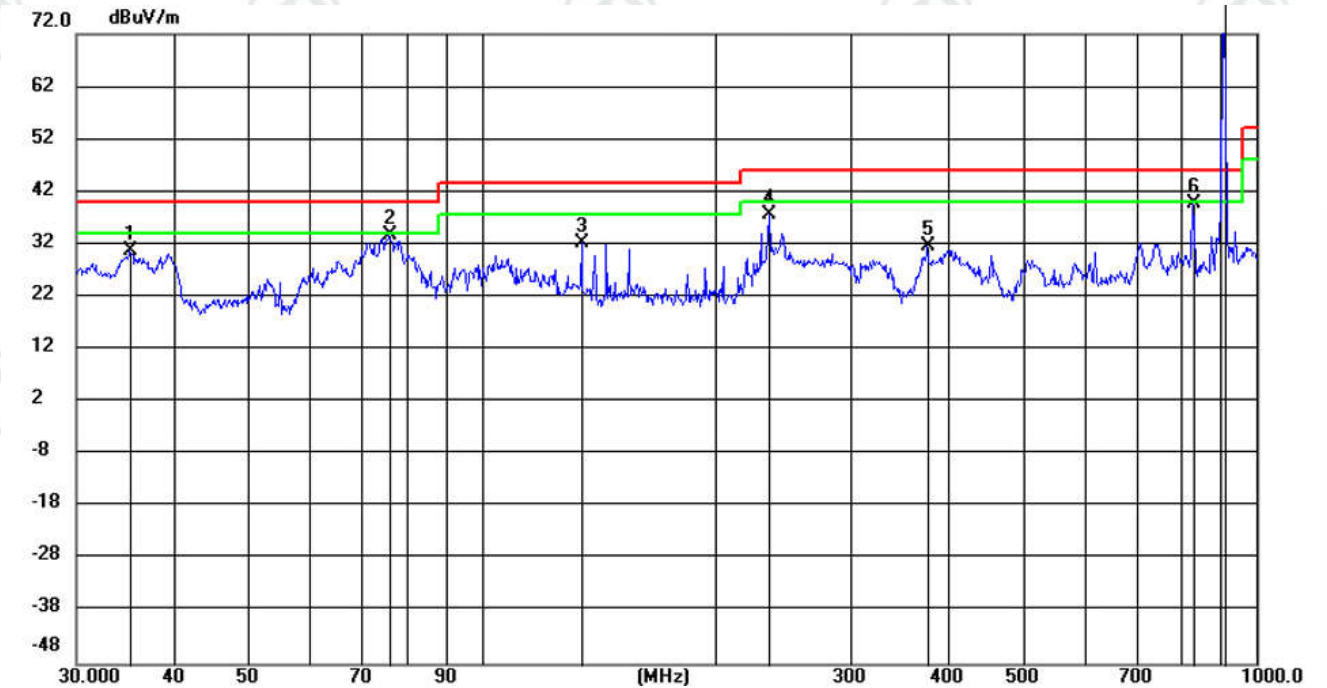
Test Graph



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|-------------------------|-----------------|---------|
| 1 | ! | 195.1363 | 26.74 | 12.78 | 39.52 | 43.50 | -3.98 | QP | 100 | 254 |
| 2 | ! | 215.0414 | 27.45 | 13.36 | 40.81 | 43.50 | -2.69 | QP | 199 | 47 |
| 3 | ! | 224.9918 | 30.05 | 13.72 | 43.77 | 46.00 | -2.23 | QP | 100 | 297 |
| 4 | ! | 230.0175 | 28.96 | 13.92 | 42.88 | 46.00 | -3.12 | QP | 100 | 132 |
| 5 | | 411.5353 | 17.24 | 19.73 | 36.97 | 46.00 | -9.03 | QP | 199 | 238 |
| 6 | | 702.8691 | 13.38 | 24.25 | 37.63 | 46.00 | -8.37 | QP | 200 | 74 |
| 7 | * | 912.1317 | 76.94 | 27.35 | 104.29 | 46.00 | 58.29 | QP | 200 | 7 |

| | | | |
|--------|--------------|----------|----------|
| Remark | | Polarity | Vertical |
| Mode: | Transmitting | Channel: | 912 MHz |

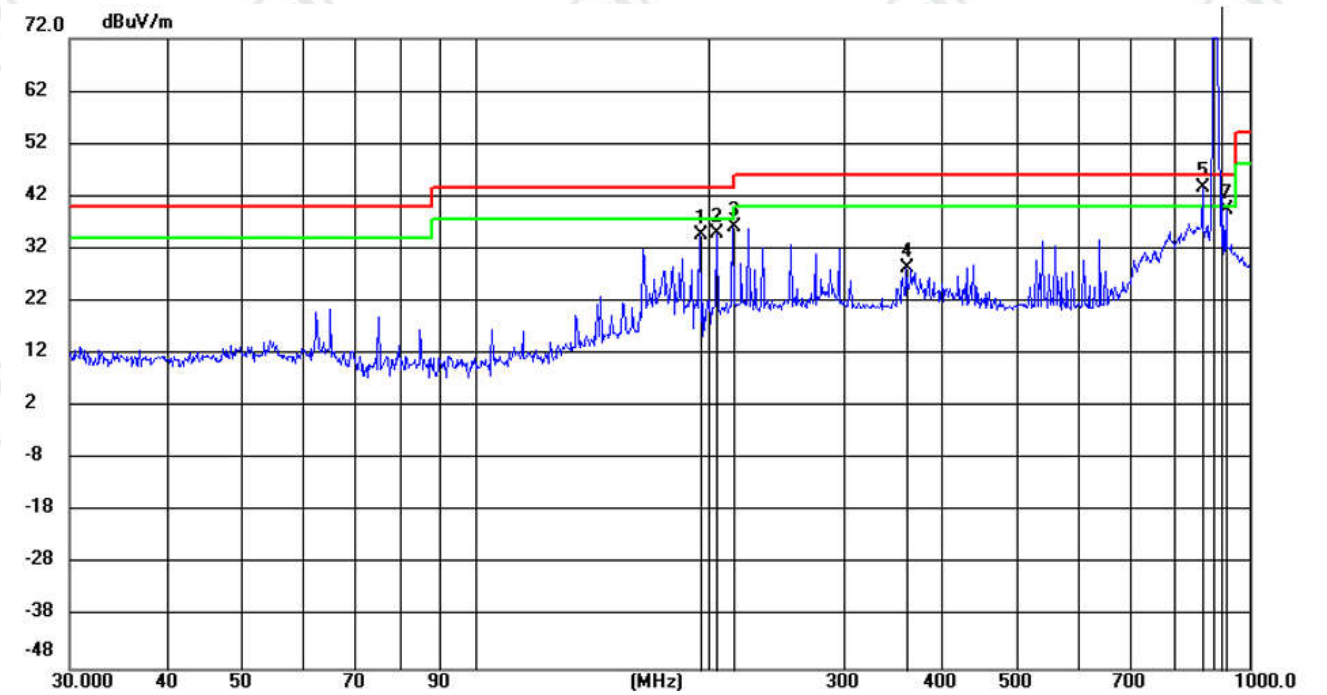
Test Graph



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|-------------------------|---------------------------|---------|
| 1 | | 35.2263 | 18.07 | 12.65 | 30.72 | 40.00 | -9.28 | QP 200 | 167 | |
| 2 | | 76.0173 | 23.66 | 10.00 | 33.66 | 40.00 | -6.34 | QP 200 | 162 | |
| 3 | | 134.8897 | 21.45 | 10.69 | 32.14 | 43.50 | -11.36 | QP 200 | 79 | |
| 4 | | 234.9909 | 23.69 | 14.10 | 37.79 | 46.00 | -8.21 | QP 100 | 179 | |
| 5 | | 376.3342 | 12.69 | 18.88 | 31.57 | 46.00 | -14.43 | QP 200 | 182 | |
| 6 | | 829.8179 | 14.13 | 25.65 | 39.78 | 46.00 | -6.22 | QP 100 | 231 | |
| 7 | * | 912.2518 | 73.94 | 27.35 | 101.29 | 46.00 | 55.29 | QP 200 | 279 | |

| | | | |
|--------|--------------|----------|------------|
| Remark | | Polarity | Horizontal |
| Mode: | Transmitting | Channel: | 916 MHz |

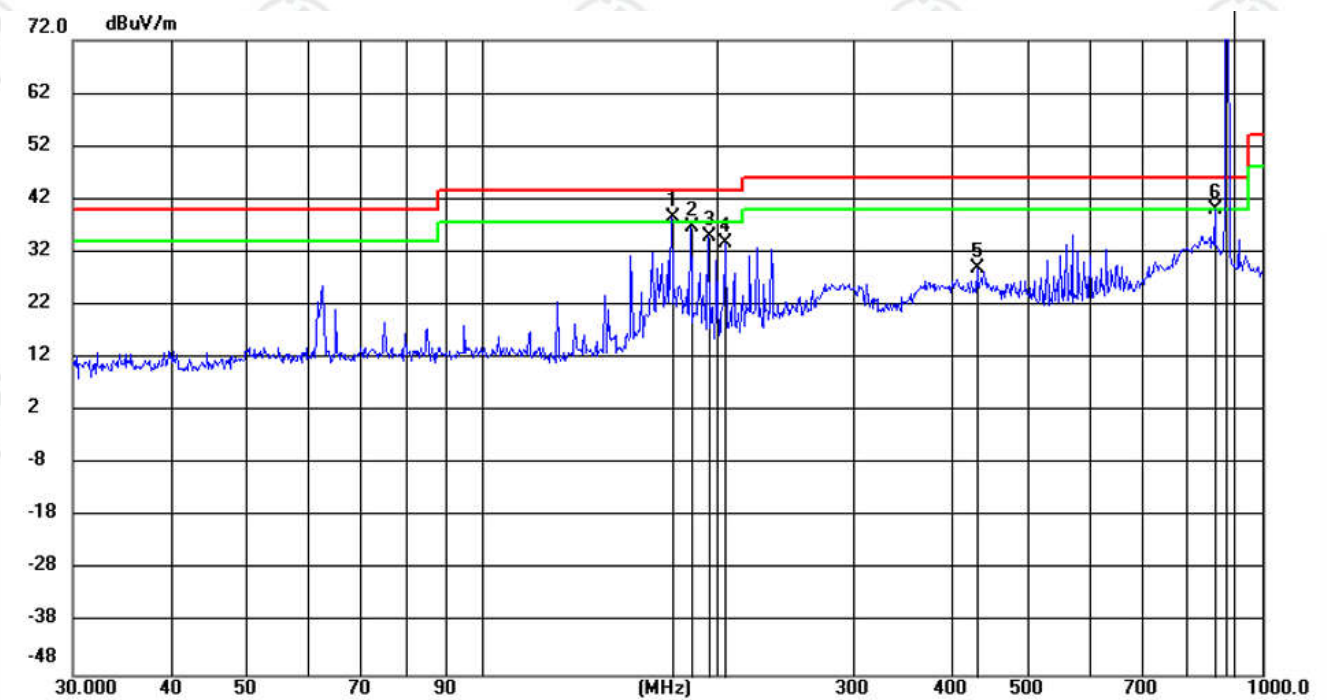
Test Graph



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|-------------------------|-----------------|---------|
| 1 | | 195.5817 | 21.96 | 12.78 | 34.74 | 43.50 | -8.76 | QP | 100 | 296 |
| 2 | | 205.6029 | 22.07 | 12.99 | 35.06 | 43.50 | -8.44 | QP | 100 | 46 |
| 3 | | 215.7212 | 22.90 | 13.38 | 36.28 | 43.50 | -7.22 | QP | 199 | 143 |
| 4 | | 360.8903 | 10.03 | 18.41 | 28.44 | 46.00 | -17.56 | QP | 199 | 275 |
| 5 | ! | 871.2661 | 17.08 | 26.62 | 43.70 | 46.00 | -2.30 | QP | 100 | 327 |
| 6 | * | 916.1156 | 75.82 | 27.37 | 103.19 | 46.00 | 57.19 | QP | 199 | 39 |
| 7 | | 935.2182 | 11.95 | 27.43 | 39.38 | 46.00 | -6.62 | QP | 100 | 7 |

| | | | |
|--------|--------------|----------|----------|
| Remark | | Polarity | Vertical |
| Mode: | Transmitting | Channel: | 916 MHz |

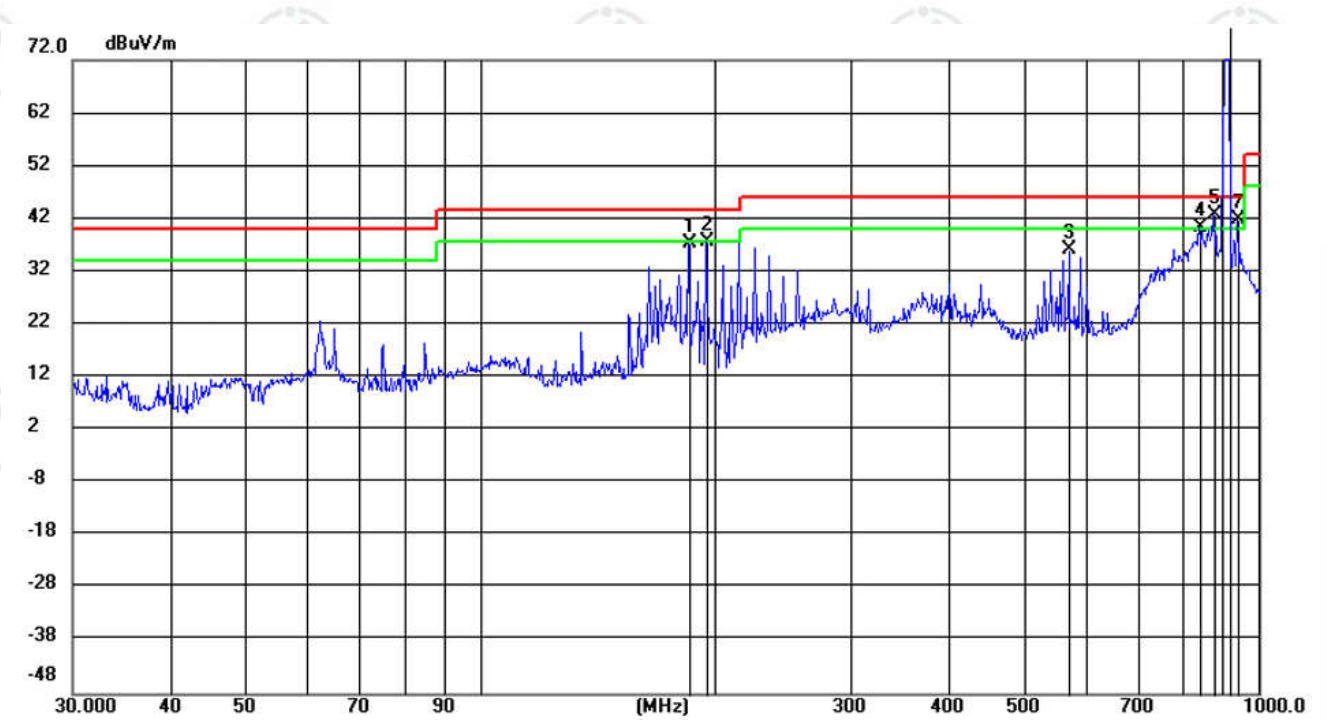
Test Graph



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Detector | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|----------|-------------------------|-----------------|---------|
| 1 | ! | 175.5900 | 27.22 | 11.28 | 38.50 | 43.50 | -5.00 | QP | 200 | 97 | |
| 2 | | 185.6254 | 24.71 | 12.07 | 36.78 | 43.50 | -6.72 | QP | 100 | 279 | |
| 3 | | 195.6160 | 22.14 | 12.78 | 34.92 | 43.50 | -8.58 | QP | 100 | 192 | |
| 4 | | 205.6390 | 20.89 | 13.00 | 33.89 | 43.50 | -9.61 | QP | 200 | 317 | |
| 5 | | 431.3339 | 8.96 | 19.97 | 28.93 | 46.00 | -17.07 | QP | 200 | 139 | |
| 6 | | 870.9605 | 13.37 | 26.62 | 39.99 | 46.00 | -6.01 | QP | 100 | 194 | |
| 7 | * | 916.1274 | 76.82 | 27.37 | 104.19 | 46.00 | 58.19 | QP | 100 | 7 | |

| | | | |
|--------|--------------|----------|------------|
| Remark | | Polarity | Horizontal |
| Mode: | Transmitting | Channel: | 920 MHz |

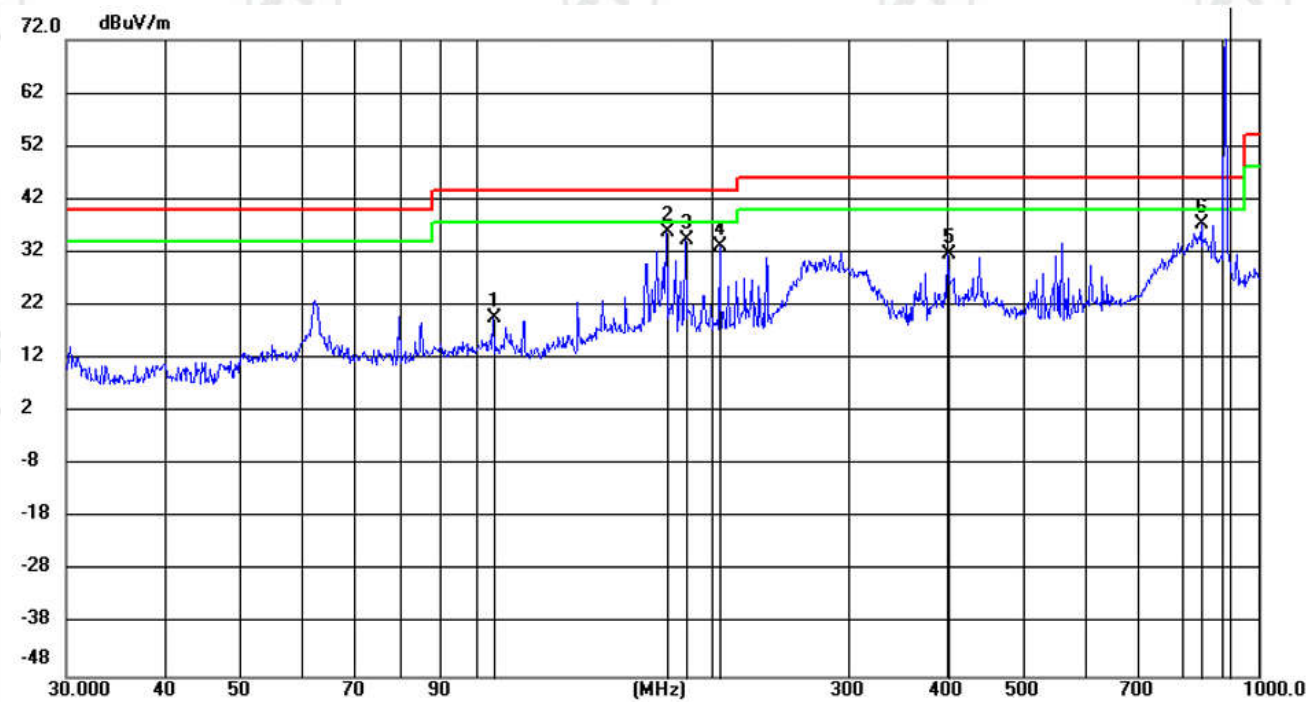
Test Graph



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB/m | Measure- ment dBuV/m | Limit dBuV/m | Margin dB | Detector | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|---------------------------|----------------------------|-----------------|--------------|----------|-------------------------|---------------------------|---------|
| 1 | | 185.6254 | 25.28 | 12.07 | 37.35 | 43.50 | -6.15 | QP | 199 | 59 | |
| 2 | ! | 195.6502 | 24.88 | 12.78 | 37.66 | 43.50 | -5.84 | QP | 199 | 291 | |
| 3 | | 571.7115 | 13.61 | 22.64 | 36.25 | 46.00 | -9.75 | QP | 199 | 7 | |
| 4 | ! | 840.8016 | 14.47 | 25.91 | 40.38 | 46.00 | -5.62 | QP | 200 | 214 | |
| 5 | ! | 877.5516 | 16.05 | 26.78 | 42.83 | 46.00 | -3.17 | QP | 100 | 7 | |
| 6 | * | 920.1756 | 73.91 | 27.38 | 101.29 | 46.00 | 55.29 | QP | 100 | 218 | |
| 7 | ! | 941.4700 | 14.29 | 27.45 | 41.74 | 46.00 | -4.26 | QP | 200 | 76 | |

| | | | |
|--------|--------------|----------|----------|
| Remark | | Polarity | Vertical |
| Mode: | Transmitting | Channel: | 920 MHz |

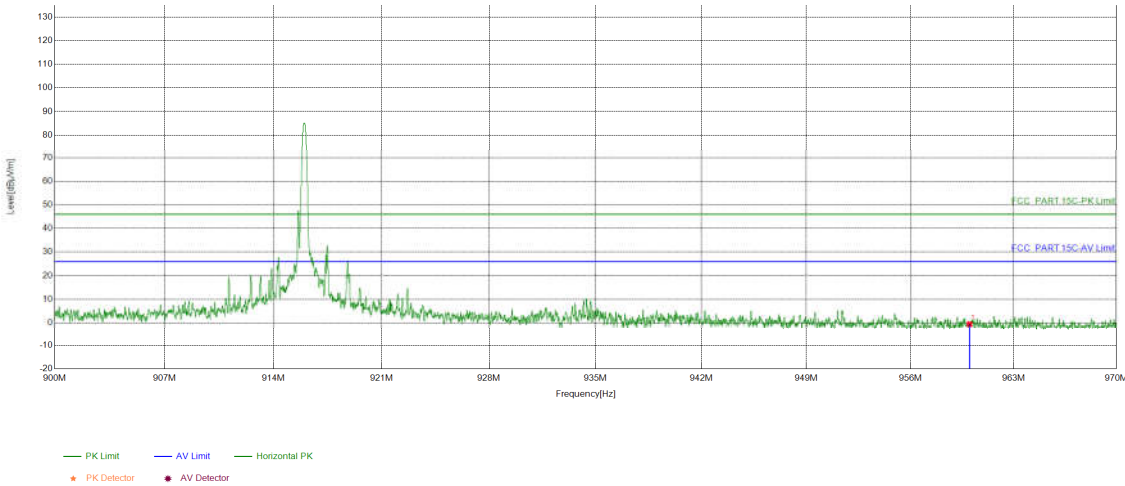
Test Graph



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|--------|
| | | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 105.3084 | 6.04 | 13.73 | 19.77 | 43.50 | -23.73 | QP | 200 | 132 |
| 2 | | 175.6208 | 24.48 | 11.28 | 35.76 | 43.50 | -7.74 | QP | 100 | 351 |
| 3 | | 185.5603 | 22.31 | 12.06 | 34.37 | 43.50 | -9.13 | QP | 100 | 7 |
| 4 | | 205.6029 | 20.13 | 12.99 | 33.12 | 43.50 | -10.38 | QP | 200 | 134 |
| 5 | | 400.9236 | 11.92 | 19.60 | 31.52 | 46.00 | -14.48 | QP | 200 | 35 |
| 6 | | 845.6806 | 11.23 | 26.02 | 37.25 | 46.00 | -8.75 | QP | 100 | 153 |
| 7 | * | 920.1890 | 74.91 | 27.38 | 102.29 | 46.00 | 56.29 | QP | 200 | 189 |

| | | | |
|-----------|------|----------------|--------|
| Test_Mode | Lora | Test_Frequency | 916MHz |
|-----------|------|----------------|--------|

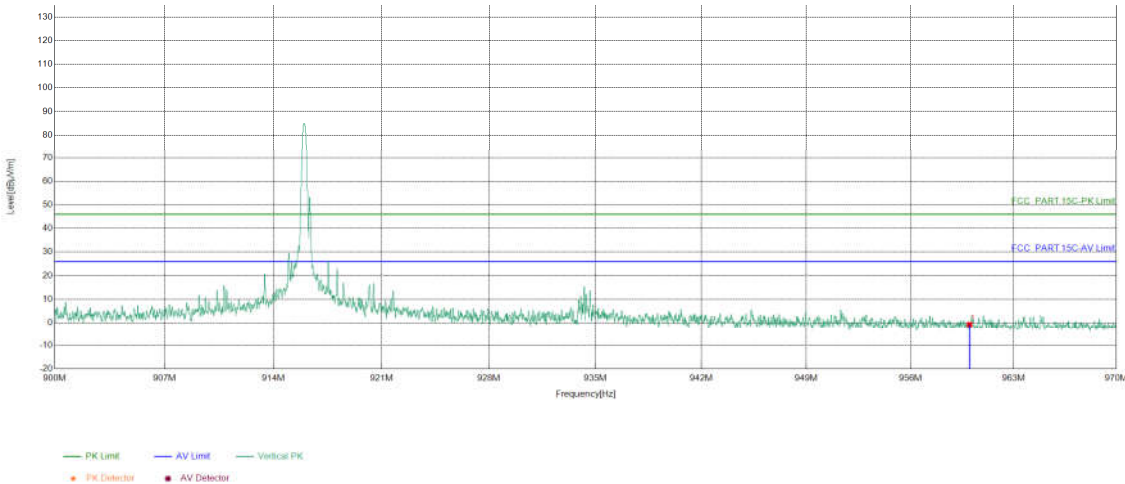
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 960 | -35.46 | 34.90 | -0.56 | 46.00 | 46.56 | PASS | Horizontal | PK |

| | | | |
|-----------|------|----------------|--------|
| Test_Mode | Lora | Test_Frequency | 916MHz |
|-----------|------|----------------|--------|

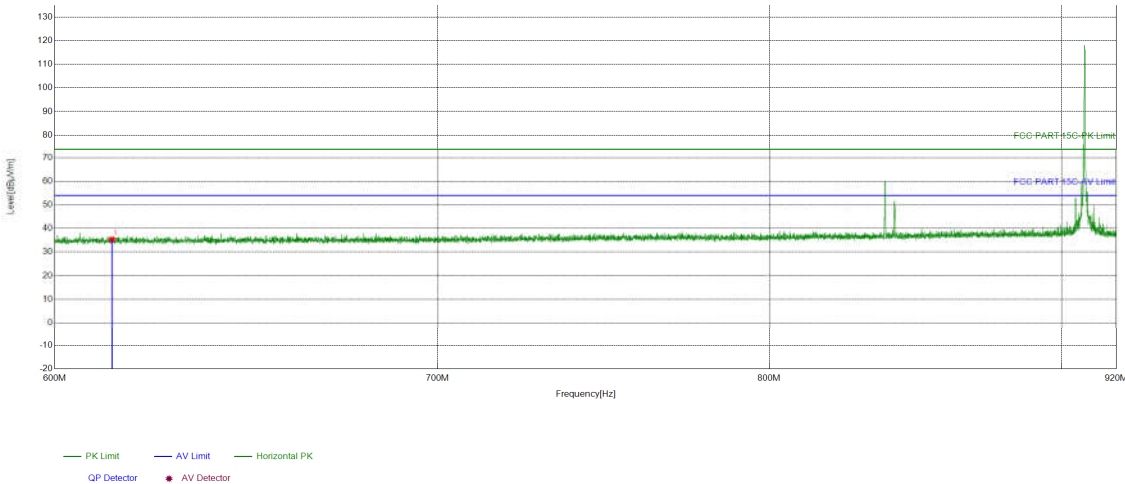
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 960 | -35.46 | 34.70 | -0.76 | 46.00 | 46.76 | PASS | Vertical | PK |

| | | | |
|-----------|------|----------------|----------|
| Test_Mode | Lora | Test_Frequency | 908.4MHz |
|-----------|------|----------------|----------|

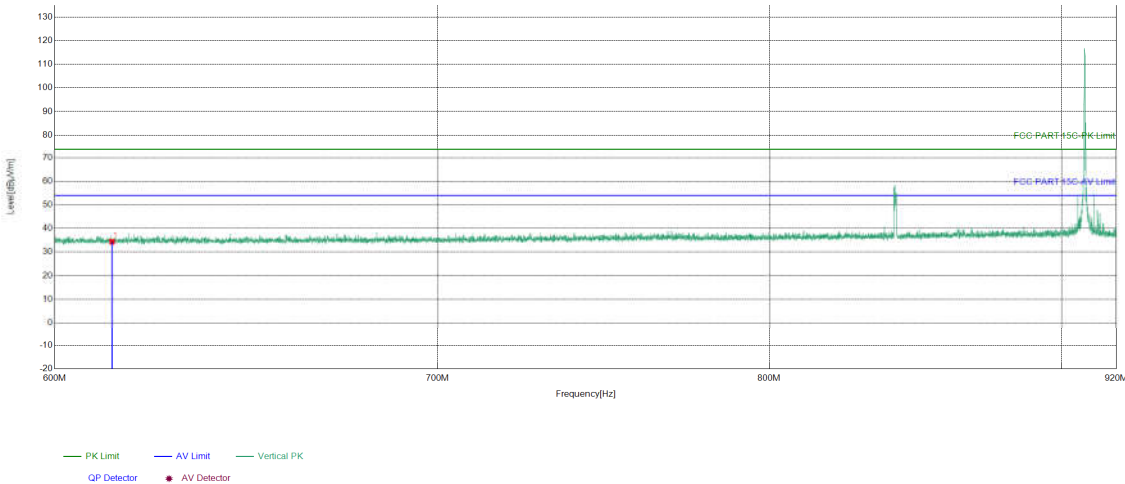
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 614 | -8.49 | 43.81 | 35.32 | 74.00 | 38.68 | PASS | Horizontal | PK |

| | | | |
|-----------|------|----------------|----------|
| Test_Mode | Lora | Test_Frequency | 908.4MHz |
|-----------|------|----------------|----------|

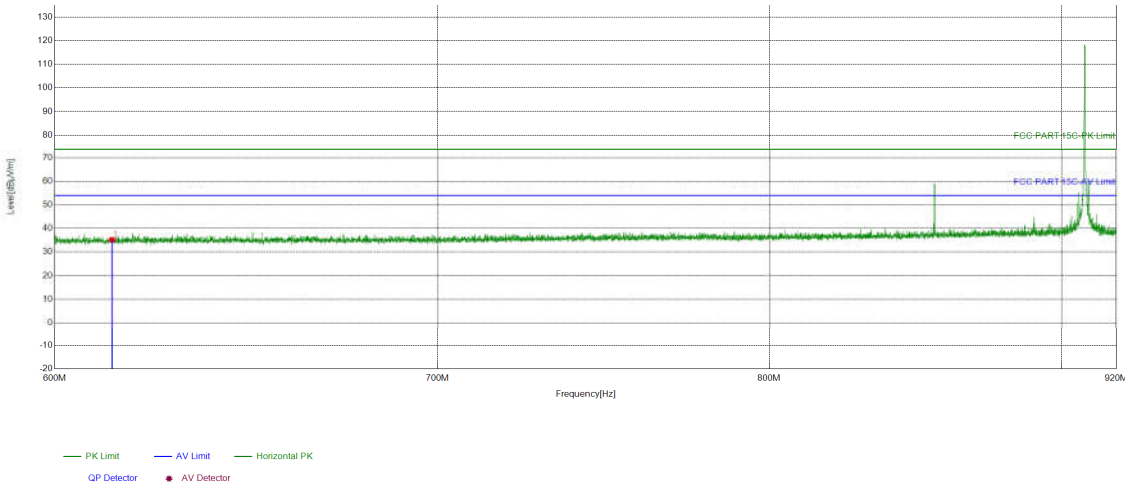
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 614 | -8.49 | 42.87 | 34.38 | 74.00 | 39.62 | PASS | Vertical | PK |

| | | | |
|-----------|------|----------------|-----------|
| Test_Mode | Lora | Test_Frequency | 908.42MHz |
|-----------|------|----------------|-----------|

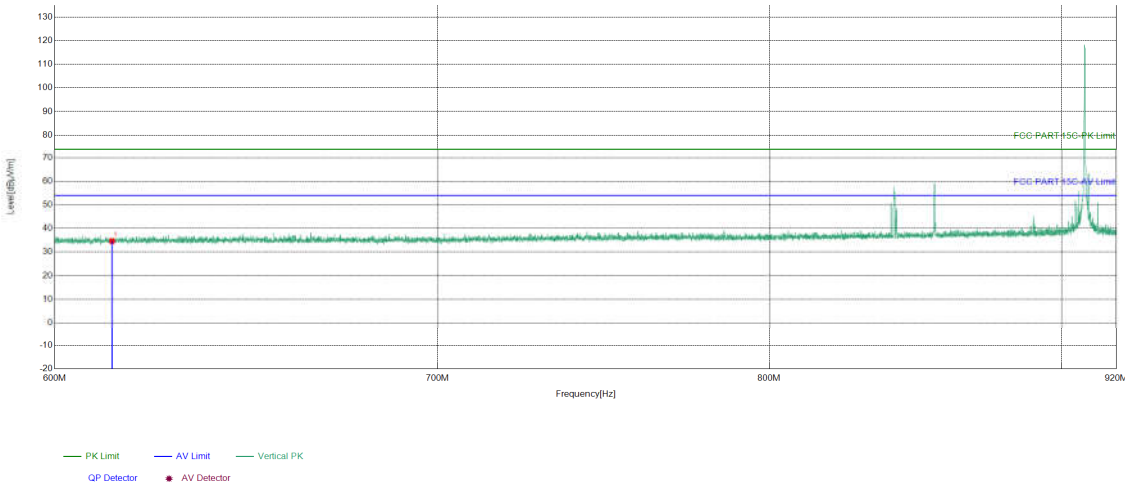
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 614 | -8.49 | 43.69 | 35.20 | 74.00 | 38.80 | PASS | Horizontal | PK |

| | | | |
|-----------|------|----------------|-----------|
| Test_Mode | Lora | Test_Frequency | 908.42MHz |
|-----------|------|----------------|-----------|

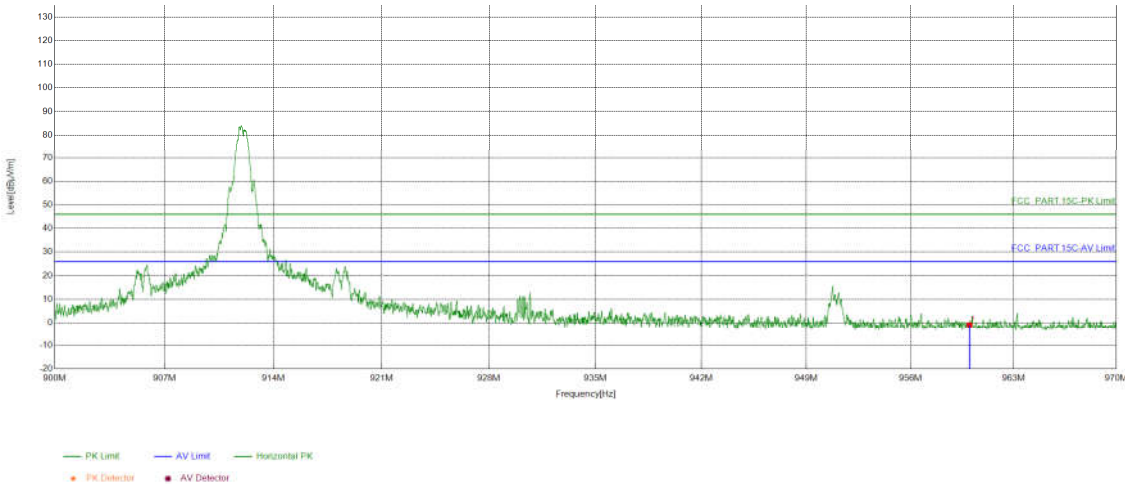
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 614 | -8.49 | 43.13 | 34.64 | 74.00 | 39.36 | PASS | Vertical | PK |

| | | | |
|-----------|------|----------------|--------|
| Test_Mode | Lora | Test_Frequency | 912MHz |
|-----------|------|----------------|--------|

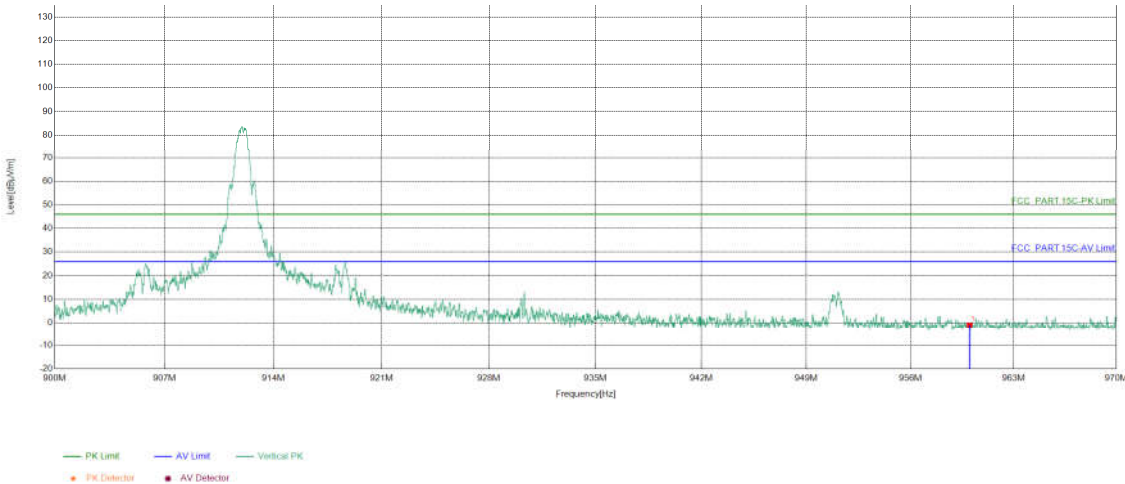
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 960 | -35.46 | 34.46 | -1.00 | 46.00 | 47.00 | PASS | Horizontal | PK |

| | | | |
|-----------|------|----------------|--------|
| Test_Mode | Lora | Test_Frequency | 912MHz |
|-----------|------|----------------|--------|

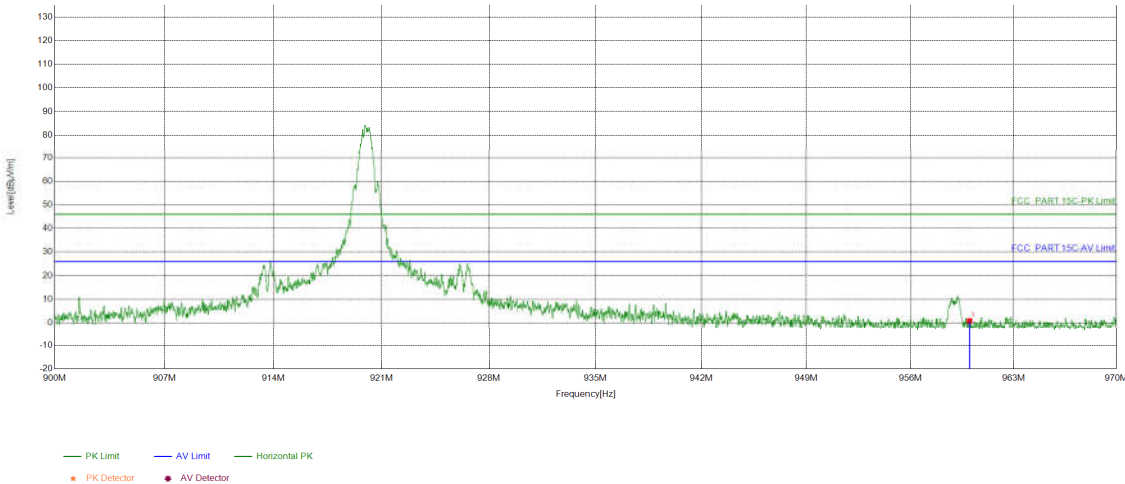
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 960 | -35.46 | 34.40 | -1.06 | 46.00 | 47.06 | PASS | Vertical | PK |

| | | | |
|-----------|------|----------------|--------|
| Test_Mode | Lora | Test_Frequency | 920MHz |
|-----------|------|----------------|--------|

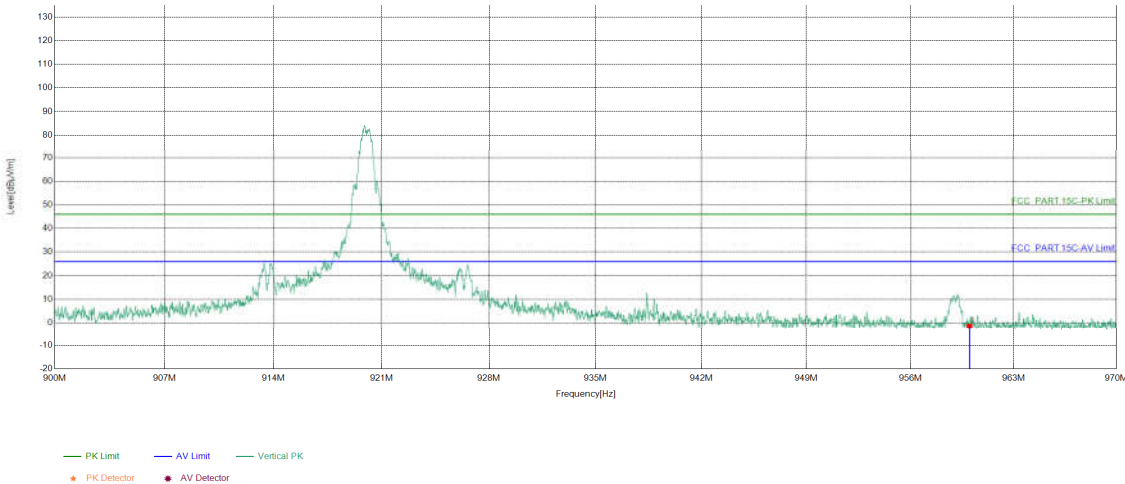
Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 960 | -35.46 | 36.24 | 0.78 | 46.00 | 45.22 | PASS | Horizontal | PK |

| | | | |
|-----------|------|----------------|--------|
| Test_Mode | Lora | Test_Frequency | 920MHz |
|-----------|------|----------------|--------|

Test Graph



| Suspected List | | | | | | | | | |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 960 | -35.46 | 33.93 | -1.53 | 46.00 | 47.53 | PASS | Vertical | PK |

Radiated Spurious Emission above 1GHz:

| Remark | | | | | | | | | |
|--------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| Mode: | | | Transmitting | | | Channel: | | 916 MHz | |
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1594.0396 | -21.01 | 59.65 | 38.64 | 74.00 | 35.36 | PASS | Horizontal | PK |
| 2 | 2748.0165 | -16.34 | 54.82 | 38.48 | 74.00 | 35.52 | PASS | Horizontal | PK |
| 3 | 5498.9333 | -6.52 | 49.77 | 43.25 | 74.00 | 30.75 | PASS | Horizontal | PK |
| 4 | 7132.5422 | -3.01 | 47.94 | 44.93 | 74.00 | 29.07 | PASS | Horizontal | PK |
| 5 | 10795.153 | 1.95 | 45.60 | 47.55 | 74.00 | 26.45 | PASS | Horizontal | PK |
| 6 | 13141.3094 | 6.08 | 44.41 | 50.49 | 74.00 | 23.51 | PASS | Horizontal | PK |
| 7 | 1832.0221 | -20.06 | 64.05 | 43.99 | 74.00 | 30.01 | PASS | Vertical | PK |
| 8 | 3199.0466 | -14.77 | 60.16 | 45.39 | 74.00 | 28.61 | PASS | Vertical | PK |
| 9 | 4579.6386 | -9.60 | 56.61 | 47.01 | 74.00 | 26.99 | PASS | Vertical | PK |
| 10 | 5498.9333 | -6.52 | 51.86 | 45.34 | 74.00 | 28.66 | PASS | Vertical | PK |
| 11 | 6956.1971 | -2.87 | 47.27 | 44.40 | 74.00 | 29.60 | PASS | Vertical | PK |
| 12 | 12396.0597 | 4.20 | 46.12 | 50.32 | 74.00 | 23.68 | PASS | Vertical | PK |

| Remark | | | | | | | | | |
|--------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| Mode: | | | Transmitting | | | Channel: | | 908.4 MHz | |
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1401.8768 | -21.69 | 60.09 | 38.40 | 74.00 | 35.60 | PASS | Horizontal | PK |
| 2 | 2367.0078 | -17.97 | 56.48 | 38.51 | 74.00 | 35.49 | PASS | Horizontal | PK |
| 3 | 3898.5266 | -12.21 | 53.21 | 41.00 | 74.00 | 33.00 | PASS | Horizontal | PK |
| 4 | 5841.3228 | -5.24 | 49.51 | 44.27 | 74.00 | 29.73 | PASS | Horizontal | PK |
| 5 | 7739.466 | -1.94 | 47.04 | 45.10 | 74.00 | 28.90 | PASS | Horizontal | PK |
| 6 | 9222.4148 | 0.51 | 46.05 | 46.56 | 74.00 | 27.44 | PASS | Horizontal | PK |
| 7 | 1390.9094 | -21.75 | 62.03 | 40.28 | 74.00 | 33.72 | PASS | Vertical | PK |
| 8 | 2280.052 | -18.28 | 59.10 | 40.82 | 74.00 | 33.18 | PASS | Vertical | PK |
| 9 | 3195.8297 | -14.79 | 58.41 | 43.62 | 74.00 | 30.38 | PASS | Vertical | PK |
| 10 | 4542.4695 | -9.74 | 53.32 | 43.58 | 74.00 | 30.42 | PASS | Vertical | PK |
| 11 | 6358.3572 | -4.68 | 50.96 | 46.28 | 74.00 | 27.72 | PASS | Vertical | PK |
| 12 | 7968.9979 | -1.45 | 47.49 | 46.04 | 74.00 | 27.96 | PASS | Vertical | PK |

| Remark | | | | | | | | | |
|--------|-------------|--------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| Mode: | | Transmitting | | | | Channel: | | 908.42 MHz | |
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1389.3426 | -21.75 | 60.52 | 38.77 | 74.00 | 35.23 | PASS | Horizontal | PK |
| 2 | 2280.052 | -18.28 | 56.95 | 38.67 | 74.00 | 35.33 | PASS | Horizontal | PK |
| 3 | 3419.0946 | -14.30 | 54.83 | 40.53 | 74.00 | 33.47 | PASS | Horizontal | PK |
| 4 | 5137.0591 | -7.86 | 49.22 | 41.36 | 74.00 | 32.64 | PASS | Horizontal | PK |
| 5 | 6818.9879 | -3.88 | 47.29 | 43.41 | 74.00 | 30.59 | PASS | Horizontal | PK |
| 6 | 9164.4443 | 0.11 | 47.04 | 47.15 | 74.00 | 26.85 | PASS | Horizontal | PK |
| 7 | 1390.126 | -21.75 | 62.76 | 41.01 | 74.00 | 32.99 | PASS | Vertical | PK |
| 8 | 1817.0711 | -20.09 | 66.08 | 45.99 | 74.00 | 28.01 | PASS | Vertical | PK |
| 9 | 3198.1799 | -14.77 | 57.03 | 42.26 | 74.00 | 31.74 | PASS | Vertical | PK |
| 10 | 5454.3303 | -6.15 | 51.48 | 45.33 | 74.00 | 28.67 | PASS | Vertical | PK |
| 11 | 7669.7446 | -2.12 | 47.17 | 45.05 | 74.00 | 28.95 | PASS | Vertical | PK |
| 12 | 10280.7687 | 1.71 | 45.71 | 47.42 | 74.00 | 26.58 | PASS | Vertical | PK |

| Remark | | | | | | | | | |
|--------|-------------|--------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| Mode: | | Transmitting | | | | Channel: | | 912 MHz | |
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1390.126 | -21.75 | 60.81 | 39.06 | 74.00 | 34.94 | PASS | Horizontal | PK |
| 2 | 2269.868 | -18.36 | 57.66 | 39.30 | 74.00 | 34.70 | PASS | Horizontal | PK |
| 3 | 3841.3394 | -12.43 | 52.46 | 40.03 | 74.00 | 33.97 | PASS | Horizontal | PK |
| 4 | 5660.3607 | -6.12 | 48.31 | 42.19 | 74.00 | 31.81 | PASS | Horizontal | PK |
| 5 | 8456.2638 | -0.93 | 46.78 | 45.85 | 74.00 | 28.15 | PASS | Horizontal | PK |
| 6 | 11095.4897 | 2.25 | 45.24 | 47.49 | 74.00 | 26.51 | PASS | Horizontal | PK |
| 7 | 1390.126 | -21.75 | 61.61 | 39.86 | 74.00 | 34.14 | PASS | Vertical | PK |
| 8 | 1747.3498 | -20.49 | 68.18 | 47.69 | 74.00 | 26.31 | PASS | Vertical | PK |
| 9 | 2280.052 | -18.28 | 59.50 | 41.22 | 74.00 | 32.78 | PASS | Vertical | PK |
| 10 | 3197.3965 | -14.78 | 57.74 | 42.96 | 74.00 | 31.04 | PASS | Vertical | PK |
| 11 | 5476.2651 | -6.33 | 52.65 | 46.32 | 74.00 | 27.68 | PASS | Vertical | PK |
| 12 | 7964.2976 | -1.46 | 49.00 | 47.54 | 74.00 | 26.46 | PASS | Vertical | PK |

| Remark | | | | | | | | | |
|--------|-------------|--------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| Mode: | | Transmitting | | | | Channel: | | 920 MHz | |
| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1394.8263 | -21.73 | 60.32 | 38.59 | 74.00 | 35.41 | PASS | Horizontal | PK |
| 2 | 1750.4834 | -20.48 | 62.20 | 41.72 | 74.00 | 32.28 | PASS | Horizontal | PK |
| 3 | 2696.8131 | -16.59 | 55.66 | 39.07 | 74.00 | 34.93 | PASS | Horizontal | PK |
| 4 | 5119.8247 | -7.94 | 49.48 | 41.54 | 74.00 | 32.46 | PASS | Horizontal | PK |
| 5 | 6523.6516 | -4.52 | 48.04 | 43.52 | 74.00 | 30.48 | PASS | Horizontal | PK |
| 6 | 11241.1994 | 2.45 | 46.10 | 48.55 | 74.00 | 25.45 | PASS | Horizontal | PK |
| 7 | 1388.5592 | -21.76 | 62.74 | 40.98 | 74.00 | 33.02 | PASS | Vertical | PK |
| 8 | 2280.052 | -18.28 | 58.48 | 40.20 | 74.00 | 33.80 | PASS | Vertical | PK |
| 9 | 3198.1799 | -14.77 | 57.42 | 42.65 | 74.00 | 31.35 | PASS | Vertical | PK |
| 10 | 5524.0516 | -6.40 | 52.54 | 46.14 | 74.00 | 27.86 | PASS | Vertical | PK |
| 11 | 8596.4898 | -0.57 | 45.59 | 45.02 | 74.00 | 28.98 | PASS | Vertical | PK |
| 12 | 11252.9502 | 2.54 | 45.82 | 48.36 | 74.00 | 25.64 | PASS | Vertical | PK |

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

6 Appendix A

Refer to Appendix: 915M of EED32R81140703

8 PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No. EED32R81140301 for EUT external and internal photos.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full.

*** End of Report ***