

TEST REPORT

| Product Name | : | NeatCharge |
|--------------|---|---------------|
| Model Number | : | WE9012C-X |
| FCC ID | : | 2AYH2WE9012CX |

| Prepared for Address | : | NINGBO UNITED WIN LONG ENTERPRISES CO., LTD. Room Z503A, Building 1, East Union Zone, Development Zone, Ningbo, China |
|-------------------------|----|--|
| Prepared by Address | :: | EMTEK (SHENZHEN) CO., LTD. Building69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China Tel: (0755) 26954280 |
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| Report Number | : | ES210205017W01 |
|------------------|---|--|
| Date(s) of Tests | : | February 05, 2021 to February 22, 2021 |
| Date of Issue | : | February 23, 2021 |

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TEST REPORT DESCRIPTION

| Applicant | : NINGBO UNITED WIN LONG ENTERPRISES CO., LTD. |
|--------------|---|
| Address | Room Z503A, Building 1, East Union Zone, Development Zone, Ningbo, China. |
| Manufacturer | : NINGBO WENERGY ELECTRONIC TECHNOLOGY CO., LTD. |
| Address | : No 777, West Zhongguan Road, Qihang building, Stand B, 3rd floor, Zhenhai district |
| EUT | : NeatCharge |
| Model Name | : WE9012C-X |
| Trademark | : N/A |

We hereby certify that:

The above equipment was tested by EMTEK (NINGBO) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules Part 15C

The test results of this report relate only to the tested sample identified in this report.

| Date of Test | : | February 05, 2021 to February 22, 2021 | | |
|--------------------------------|---|--|--|--|
| Prepared by | | Seventrus | | |
| | | Sewen Guo /Editor | | |
| Reviewer | : | Fre Xia CHENZHEN, | | |
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Report No. ES210205017W01



Modified Information

| Version | Report No. | Revision Data | Summary |
|---------|----------------|---------------|------------------|
| Ver.1.0 | ES210205017W01 | 1 | Original Version |



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1. SUMMARY OF TEST RESULTS

| | EMISSION | |
|------------------------------|--|---------|
| Description of Test Item | Standard & Limits | Results |
| Conducted Emission | FCC Part 15, Subpart C- Section 15.207 ANSI C63.10-2013 | Pass |
| Radiated Emission | FCC Part 15, Subpart C- Section 15.209 ANSI C63.10-2013 | Pass |
| Note: N/A is an abbreviatior | n for Not Applicable. | |



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2. GENERAL INFORMATION

2.1. Description of Device (EUT)

| Product: | NeatCharge |
|-----------------------|---|
| Model Number: | WE9012C-X |
| Sample Number: | 1# |
| Power Supply: | DC24V from adapter |
| Modulation: | Ask |
| Maximum Power Rate: | 58.87 dBuV/m |
| Adapter: | M/N: QS-2401000U Input: AC 100-240V, 50/60Hz, 1.5A Max Output: DC 24V, 1A |
| Frequency Range: | 110kHz~135KHz |
| Antenna Type: | Integral Antenna(Induction coil) |
| Antenna Gain: | 0 dBi |
| Operating Temperature | 0°C ~ +35°C |
| Date of Received: | February 05, 2021 |

2.2. Input / Output Ports

| Port # | Name | Type* | Cable Max. >3m | Cable Shielded | Comments |
|-----------|---|-------------|-------------------|-----------------------|----------|
| 1 | Type-C | DC | No | N/A | None |
| * Note | e: For the purposes of the | present doc | ument, the fo | llowing symbols apply | y: |
| AC | AC Power Port | | | | |
| DC | DC Power Port | | | | |
| N/E | Non-Electrical | | | | |
| I/O | Signal Input or Output Port (Not Involved in Process Control) | | | | |
| TP | Telecommunication Po | orts | | | |

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2.3. Independent Operation Modes

A 1. Wireless Charging(Full load) 2. ON

2.4. Test Manner

| Test Items | Test Voltage | Operation Modes |
|--------------------|--------------|-----------------|
| Conducted Emission | AC 120V/60Hz | Mode A.1 |
| Radiated Emission | AC 120V/60Hz | Mode A.1 |

2.5. Description of Test Facility

| Site Description EMC Lab. | Accredited by CNAS The Certificate Registration Number is L2291. The Laboratory has been assessed and proved to be in compliance with CNAS-CL01 (identical to ISO/IEC 17025:2017) Accredited by FCC |
|------------------------------|---|
| | Designation Number: CN1204 |
| | Test Firm Registration Number: 882943 |
| | |
| | Accredited by A2LA |
| | The Certificate Number is 4321.01. |
| | |
| | Accredited by Industry Canada |
| | The Conformity Assessment Body Identifier is CN0008 |
| Name of Firm | : EMTEK (SHENZHEN) CO., LTD. |
| Site Location | : Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China |

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2.6. Description of Support Device

| No. | Equipment | Trade name | Model | S/N | Power Cord |
|-----|---------------|------------|----------------|-----|------------|
| 1 | Wireless Load | / | 5w/7.5w/9w/15w | / | / |

2.7. Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| Parameter | Uncertainty |
|--------------------------|-------------|
| Radio Frequency | ±1x10^-5 |
| Conducted Emissions Test | ±2.0 dB |
| Radiated Emission Test | ±2.0 dB |
| Occupied Bandwidth Test | ±1.0 dB |
| Temperature | ±0.5 °C |
| Humidity | ±3 % |

Measurement Uncertainty for a level of Confidence of 95%

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3. MEASURING DEVICE AND TEST EQUIPMENT

| EQUIPMENT | MFR | MODEL | SERIAL | LAST CAL. | DUE CAL. |
|--------------------|-----------------|----------|--------------|------------|------------|
| TYPE | | NUMBER | NUMBER | LAGT CAL. | DUL CAL. |
| Test Receiver | Rohde & Schwarz | ESCS30 | 828985/018 | 05/16/2020 | 05/15/2021 |
| L.I.S.N. | Schwarzbeck | NNLK8129 | 8129203 | 05/16/2020 | 05/15/2021 |
| 50Ω Coaxial Switch | Anritsu | MP59B | M20531 | 05/16/2020 | 05/15/2021 |
| Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 100006 | 05/16/2020 | 05/15/2021 |
| Voltage Probe | Rohde & Schwarz | TK9416 | N/A | 05/16/2020 | 05/15/2021 |
| I.S.N | Rohde & Schwarz | ENY22 | 1109.9508.02 | 05/16/2020 | 05/15/2021 |

3.1. Conducted Emission Test Equipment

3.2. For 3m Radiated Emission Measurement 9K-30M (3m chamber 1#)

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | DUE CAL. |
|-------------------|-----------------|---------------|--------------|------------|------------|
| EMI Test Receiver | Rohde & Schwarz | ESU | 1302.6005.26 | 05/16/2020 | 05/15/2021 |
| Loop Antenna | Schwarzbeck | FMZB 1519 | 1519-012 | 05/16/2020 | 05/15/2021 |
| Cable | / | 3M SF104-26.5 | 295838/4 | 05/16/2020 | 05/15/2021 |
| Cable | / | 6M SF104-26.5 | 295840/4 | 05/16/2020 | 05/15/2021 |

3.3. For 3m Radiated Emission Measurement 30M-1G (3m chamber 1#)

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|-------------------|-----------------|-----------|--------------|------------|---------------|
| EMI Test Receiver | Rohde & Schwarz | ESU | 1302.6005.26 | 05/16/2020 | 05/15/2021 |
| Pre-Amplifier | HP | 8447F | 2944A07999 | 05/16/2020 | 05/15/2021 |
| Bilog Antenna | Schwarzbeck | VULB9163 | 142 | 05/16/2020 | 05/15/2021 |
| Horn Antenna | Schwarzbeck | BBHA 9170 | BBHA9170399 | 05/16/2020 | 05/15/2021 |
| Horn Antenna | Schwarzbeck | BBHA 9120 | D143 | 05/16/2020 | 05/15/2021 |
| Cable | Schwarzbeck | AK9513 | ACRX1 | 05/16/2020 | 05/15/2021 |
| Cable | Rosenberger | N/A | FP2RX2 | 05/16/2020 | 05/15/2021 |
| Cable | Schwarzbeck | AK9513 | CRPX1 | 05/16/2020 | 05/15/2021 |
| Cable | Schwarzbeck | AK9513 | CRRX2 | 05/16/2020 | 05/15/2021 |

3.4.20dB Bandwidth

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|-------------------|--------------|-----------|------------|------------|---------------|
| Spectrum Analyzer | Agilent | E4407B | MY45107013 | 10/10/2020 | 10/09/2021 |

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4. 20DB BANDWIDTH

4.1. Test Procedure

Set to the maximum power setting and enable the EUT transmit continuously Set RBW =1%-5%OBW Set the video bandwidth (VBW) =3*RBW Set Span= 1KHz Set Detector = Peak. Set Trace mode = max hold. Set Sweep = auto couple. Measure and record the results in the test report.

4.2. Test Results

| Temperature: | 24 ℃ | Test Date: | February 05, 2020 |
|--------------|-------------|------------|-------------------|
| Humidity: | 53 % | Test By: | XW |
| | | | |

20dB Band=239.965Hz

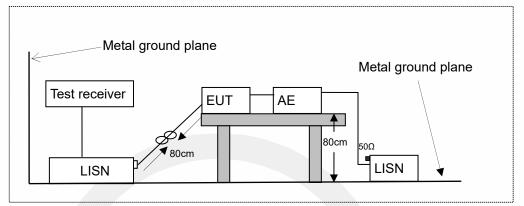
| 🔆 Agilent | | | Freq/Channel |
|--------------------------------------|---------------|-------------------------|---|
| Ch Freq Occupied Bandwidth | 117.25 kHz | Tris | Center Freq 117.250000 kHz |
| Center 117.2 Ref -40 dBm | #Atten 0 dB | | Start Freq 250 kHz 116.750000 kHz 79 dBm |
| #Peak Log 10 | | | Stop Freq 117.750000 kHz |
| dB/ | → | ÷ | CF Step 100.000000 Hz <u>Auto</u> Man |
| Center 117.2 kHz #Res BW 10 Hz | #VBW 30 Hz | Spa Sweep 478 ms (4) | FreqOffset 0.00000000 Hz 01 pts) |
| Occupied Bar | | Occ BW % Pwr S | 9.00 % .00 dB |
| Transmit Freq Eri x dB Bandwidth | ror –2.475 Hz | | Scale Type Log <u>Lin</u> |

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5. POWER LINE CONDUCTED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup



LISN: Line Impedance Stabilization Network AE: Associated equipment EUT: Equipment under test

5.2. Limits

FCC Part 15.207

| Fi | requency | | Limit (dBµV) | | | | |
|------|-------------|-------|---|-------------------------|--|--|--|
| | (MHz) | | Quasi-peak Level | Average Level | | | |
| 0.15 | 0.15 ~ 0.50 | | 66.0 ~ 56.0 * | 56.0 ~ 46.0 * | | | |
| 0.50 | 0.50 ~ 5.00 | | 56.0 | 46.0 | | | |
| 5.00 | ~ | 30.00 | 60.0 | 50.0 | | | |
| | it decrease | | ne transition frequencies. th the logarithm of the frequency | in the range 0.15MHz to | | | |

5.3. Test Procedure

The EUT was placed on a desk 0.8 m height from the metal ground plane and 0.4 m from the conducting wall of the shielding room and it was kept at least 0.8 m from any other grounded conducting surface. The size of the table will nominally be 1.5 m x1.0 m.

The rear of the arrangement shall be flush with the back of the supporting tabletop unless that would not be possible or typical of normal use.

All units of equipment forming the system under test (includes the EUT as well as connected peripherals and associated equipment or devices) shall be arranged such that a nominal 0.1 m separation is achieved between the neighboring units.

Connect EUT to the power mains through a line impedance stabilization network (LISN). Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the centre into a bundle no longer than 0.4 m, so that its length is shortened to 1 m.

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All the support units are connecting to the other LISN.

The LISN provides 50 ohm coupling impedance for the measuring instrument.

Both sides of AC line were checked for maximum conducted interference.

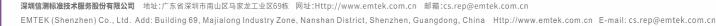
The frequency range from 150 kHz to 30 MHz was sweep.

Set the test-receiver system to quasi peak detect function and average detect function, and to measure the conducted emissions values.

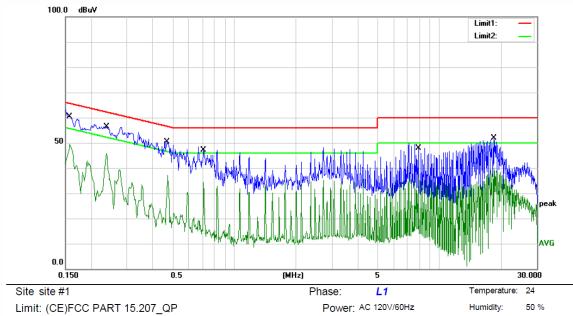
Test results were obtained from the following equation: Emission Level ($dB\mu V$) = LISN Factor (dB) + Cable Loss (dB) + Reading ($dB\mu V$) Margin (dB) = Emission Level ($dB\mu V$) - Limit ($dB\mu V$)

5.4. Measuring Results

Pass.







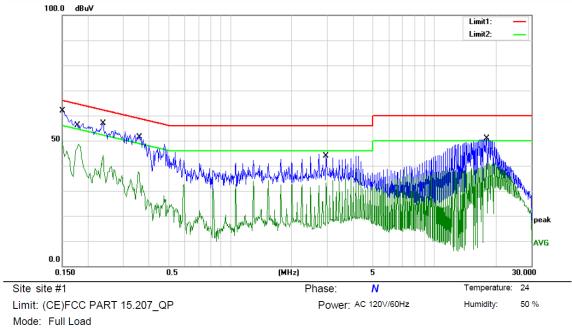
Mode: Full Load

Note:

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | | |
|-----|-----|---------|------------------|-------------------|------------------|-------|--------|----------|---------|
| | | MHz | dBu∨ | dB | dBu∨ | dBu∨ | dB | Detector | Comment |
| 1 | * | 0.1572 | 50.30 | 10.10 | 60.40 | 65.61 | -5.21 | QP | |
| 2 | | 0.1572 | 39.20 | 10.10 | 49.30 | 55.61 | -6.31 | AVG | |
| 3 | | 0.2378 | 46.20 | 10.09 | 56.29 | 62.17 | -5.88 | QP | |
| 4 | | 0.2378 | 35.80 | 10.09 | 45.89 | 52.17 | -6.28 | AVG | |
| 5 | | 0.4736 | 39.60 | 10.07 | 49.67 | 56.45 | -6.78 | QP | |
| 6 | | 0.4736 | 27.10 | 10.07 | 37.17 | 46.45 | -9.28 | AVG | |
| 7 | | 0.7084 | 37.10 | 10.04 | 47.14 | 56.00 | -8.86 | QP | |
| 8 | | 0.7084 | 24.20 | 10.04 | 34.24 | 46.00 | -11.76 | AVG | |
| 9 | | 7.8932 | 24.10 | 10.43 | 34.53 | 60.00 | -25.47 | QP | |
| 10 | | 7.8932 | 25.50 | 10.43 | 35.93 | 50.00 | -14.07 | AVG | |
| 11 | | 18.4255 | 31.30 | 10.59 | 41.89 | 60.00 | -18.11 | QP | |
| 12 | | 18.4255 | 29.60 | 10.59 | 40.19 | 50.00 | -9.81 | AVG | |
| | | | | | | | | | |

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```
Note:
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| No. M | k. Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | | |
|-------|----------|------------------|-------------------|------------------|-------|--------|----------|---------|
| | MHz | dBu∨ | dB | dBuV | dBu∨ | dB | Detector | Comment |
| 1 * | 0.1500 | 51.80 | 10.10 | 61.90 | 66.00 | -4.10 | QP | |
| 2 | 0.1500 | 39.80 | 10.10 | 49.90 | 56.00 | -6.10 | AVG | |
| 3 | 0.1804 | 45.40 | 10.09 | 55.49 | 64.47 | -8.98 | QP | |
| 4 | 0.1804 | 38.40 | 10.09 | 48.49 | 54.47 | -5.98 | AVG | |
| 5 | 0.2378 | 46.80 | 10.09 | 56.89 | 62.17 | -5.28 | QP | |
| 6 | 0.2378 | 34.00 | 10.09 | 44.09 | 52.17 | -8.08 | AVG | |
| 7 | 0.3537 | 40.50 | 10.08 | 50.58 | 58.88 | -8.30 | QP | |
| 8 | 0.3537 | 27.40 | 10.08 | 37.48 | 48.88 | -11.40 | AVG | |
| 9 | 2.9462 | 33.70 | 10.19 | 43.89 | 56.00 | -12.11 | QP | |
| 10 | 2.9462 | 22.80 | 10.19 | 32.99 | 46.00 | -13.01 | AVG | |
| 11 | 18.1352 | 40.20 | 10.59 | 50.79 | 60.00 | -9.21 | QP | |
| 12 | 18.1352 | 30.40 | 10.59 | 40.99 | 50.00 | -9.01 | AVG | |
| | | | | | | | | |

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6. RADIATED EMISSION TEST

6.1.Measurement Procedure

- 1. The EUT was placed on a turn table which is 0.8m above ground plane.
- 2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.

3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

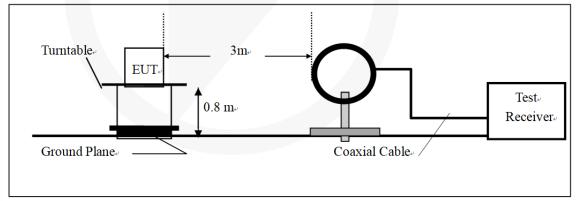
4. Repeat above procedures until all frequency measured were complete.

- 5. Use the following receiver/spectrum analyzer settings:
- Span = wide enough to fully capture the emission being measured

RBW=200Hz for 9KHz to 150KHz,

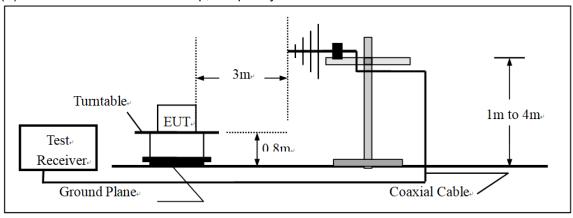
RBW=9kHz for 150KHz to 30MHz, RBW=120KHz for 30MHz to 1GHz VBW \geq 3*RBW Sweep = auto Detector function = QP Trace = max hold

6.2.Test SET-UP (Block Diagram of Configuration)



(A)Radiated Emission Test Set-Up, Frequency Below 30MHz

(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



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6.3. Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

| FCC Part 15.209 | | | | | | | | | |
|-----------------|--------------------|------|--|-------------------------|--|--|--|--|--|
| | Field Streng | gth | Field Strength Limitation Frequency tion at 3m | | | | | | |
| Frequency | Limitation | | Meas | urement Dist | | | | | |
| (MHz) | (uV/m) | Dist | (uV/m) | (dBuV/m) | | | | | |
| 0.009 - 0.490 | 2400 / F(KHz) 300m | | 10000 * 2400/F(KHz) | 20log 2400/F(KHz) + 80 | | | | | |
| 0.490 – 1.705 | 24000 / F(KHz) 30m | | 100 * 24000/F(KHz) | 20log 24000/F(KHz) + 40 | | | | | |
| 1.705 – 30.00 | 30 | 30m | 100* 30 | 20log 30 + 40 | | | | | |
| 30.0 - 88.0 | 100 | 3m | 100 | 20log 100 | | | | | |
| 88.0 – 216.0 | 150 | 3m | 150 | 20log 150 | | | | | |
| 216.0 - 960.0 | 200 3m | | 200 | 20log 200 | | | | | |
| Above 960.0 | 500 | 3m | 500 | 20log 500 | | | | | |

15.205 Restricted bands of operation

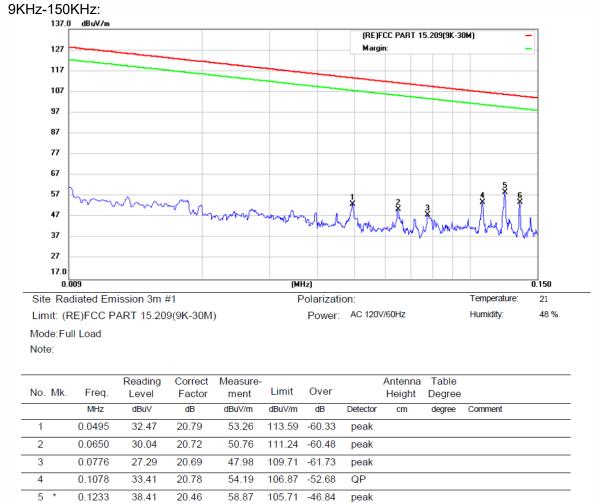
| MHz | MHz | MHz | GHz |
|-------------------|---------------------------|---------------|-------------|
| 0.090-0.110 | 16.42-16.423 | 399.9-410 | 4.5-5.15 |
| 10.495-0.505 | 16.69475-16.69525 | 608-614 | 5.35-5.46 |
| 2.1735-2.1905 | 16.80425-16.80475 | 960-1240 | 7.25-7.75 |
| 4.125-4.128 | 25.5-25.67 | 1300-1427 | 8.025-8.5 |
| 4.17725-4.17775 | 37.5-38.25 | 1435-1626.5 | 9.0-9.2 |
| 4.20725-4.20775 | 73-74.6 | 1645.5-1646.5 | 9.3-9.5 |
| 6.215-6.218 | 74.8-75.2 | 1660-1710 | 10.6-12.7 |
| 6.26775-6.26825 | 123-138 | 2200-2300 | 14.47-14.5 |
| 8.291-8.294 | 149.9-150.05 | 2310-2390 | 15.35-16.2 |
| 8.362-8.366 | 156.52475-156.52525 | 2483.5-2500 | 17.7-21.4 |
| 8.37625-8.38675 | 156.7-156.9 | 2690-2900 | 22.01-23.12 |
| 8.41425-8.41475 | 162.0125-167.17 | 3260-3267 | 23.6-24.0 |
| 12.29-12.293 | 167.72-173.2 | 3332-3339 | 31.2-31.8 |
| 12.51975-12.52025 | 12.51975-12.52025 240-285 | | 36.43-36.5 |
| 12.57675-12.57725 | 322-335.4 | 3600-4400 | (2) |
| 13.36-13.41 | | | |

Remark: 1. Emission level in dBuV/m=20 log (uV/m)

2. Measurement was performed at an antenna to the closed point of EUT distance of meters. 3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of ξ 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

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104.93 -50.94

peak

6.4. Measurement Result

0.1350

6

33.70

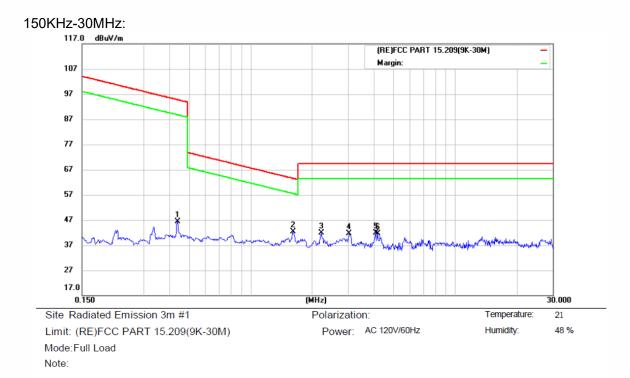
20.29

53.99

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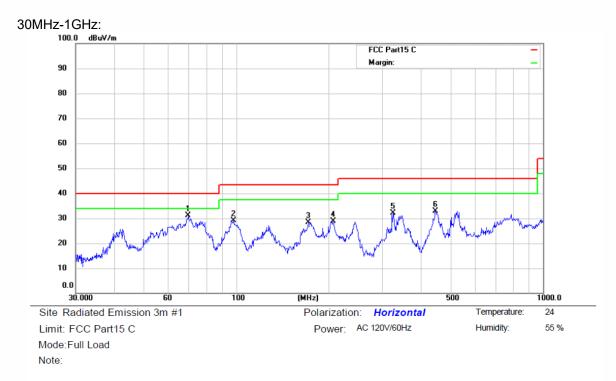
| No. Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | | Antenna Height | Table Degree | |
|---------|--------|------------------|-------------------|------------------|--------|--------|----------|-------------------|-----------------|---------|
| | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | 0.4395 | 25.59 | 20.88 | 46.47 | 94.74 | -48.27 | peak | | | |
| 2 * | 1.6126 | 21.30 | 20.96 | 42.26 | 63.48 | -21.22 | QP | | | |
| 3 | 2.2130 | 21.06 | 20.82 | 41.88 | 69.50 | -27.62 | QP | | | |
| 4 | 3.0253 | 21.08 | 20.63 | 41.71 | 69.50 | -27.79 | QP | | | |
| 5 | 4.0918 | 21.22 | 20.59 | 41.81 | 69.50 | -27.69 | QP | | | |
| 6 | 4.1797 | 21.13 | 20.58 | 41.71 | 69.50 | -27.79 | QP | | | |

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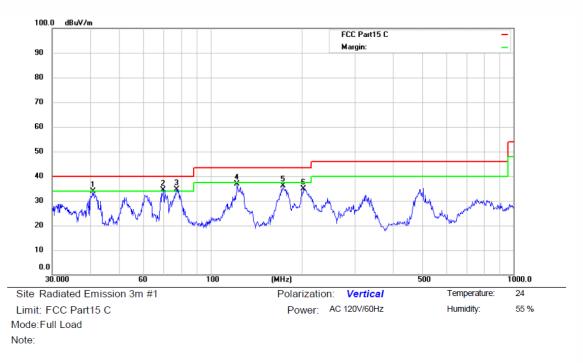




| No. | Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | | Antenna Height | Table Degree | |
|-----|----|----------|------------------|-------------------|------------------|--------|--------|----------|-------------------|-----------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 69.8448 | 56.69 | -25.49 | 31.20 | 40.00 | -8.80 | QP | | | |
| 2 | | 98.1418 | 52.45 | -23.25 | 29.20 | 43.50 | -14.30 | QP | | | |
| 3 | | 171.9944 | 54.78 | -26.48 | 28.30 | 43.50 | -15.20 | QP | | | |
| 4 | | 207.1225 | 52.60 | -23.70 | 28.90 | 43.50 | -14.60 | QP | | | |
| 5 | | 324.4560 | 51.53 | -19.33 | 32.20 | 46.00 | -13.80 | QP | | | |
| 6 | | 446.4139 | 51.28 | -18.28 | 33.00 | 46.00 | -13.00 | QP | | | |

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| No. | Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | | Antenna Height | Table Degree | |
|-----|----|----------|------------------|-------------------|------------------|--------|-------|----------|-------------------|-----------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 40.8444 | 55.70 | -21.91 | 33.79 | 40.00 | -6.21 | QP | | | |
| 2 | ļ. | 69.8448 | 59.94 | -25.49 | 34.45 | 40.00 | -5.55 | QP | | | |
| 3 | * | 77.3210 | 62.04 | -27.42 | 34.62 | 40.00 | -5.38 | QP | | | |
| 4 | | 122.4038 | 62.19 | -25.27 | 36.92 | 43.50 | -6.58 | QP | | | |
| 5 | | 173.2050 | 62.55 | -26.37 | 36.18 | 43.50 | -7.32 | QP | | | |
| 6 | | 202.8103 | 58.64 | -23.69 | 34.95 | 43.50 | -8.55 | QP | | | |

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7. ANNTENNA APPLICATION

7.1. Antenna Requirement

| Standard | Requirement | | | | | | |
|---------------------|---|--|--|--|--|--|--|
| FCC CRF Part 15.203 | 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 shall be considered sufficient to comply with the provisions of this section. 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded. | | | | | | |

For intentional device, according to FCC 47 CFR Section 15.203, 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.

7.2. Result

Pass

Note: The EUT has 1 antenna: The internal antenna gain is 0 dBi;

Antenna use a permanently attached antenna which is not replaceable.

Not using a standard antenna jack or electrical connector for antenna replacement

The antenna has to be professionally installed (please provide method of installation)

which in accordance to section 15.203, please refer to the internal photos.

*** End of Report ***

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