

TEST REPORT

Applicant: HANSHOW TECHNOLOGY CO.,LTD.

Address of Applicant: Building 1(IF podium building and 4F) and Building 5 (7F) in Jiaxing Photovolta High-tech Park, No., 1288 Kanghe Rd., Xiuzhou District, Jiaxing, Zhejiang, China

Manufacturer/Factory: HANSHOW TECHNOLOGY CO.,LTD.

Address of Manufacturer/Factory: Building 1(IF podium building and 4F) and Building 5 (7F) in Jiaxing Photovolta High-tech Park, No., 1288 Kanghe Rd., Xiuzhou District, Jiaxing, Zhejiang, China

Equipment Under Test (EUT)

Product Name: digital signage

Model No.: Lumina Aqua 1010-X2, Lumina Aqua 1010-D2

FCC ID: 2AYMH-LUMINA-X2

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.249

Date of sample receipt: April 27, 2023

Date of Test: April 27, 2023-May 12, 2023

Date of report issued: May 12, 2023

Test Result : PASS *

* In the configuration tested, the EUT complied with the standards specified above

Authorized Signature:



Robinson Luo

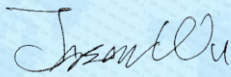
Laboratory Manager

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2 Version

| Report No. | Version No. | Date | Description |
|--------------------|-------------|------------------|----------------------------------|
| GTS202208000257F02 | 00 | October 19, 2022 | Original |
| GTS2023040536F02 | 01 | May 12, 2023 | Class II Permissive Change(C2PC) |
| | | | |
| | | | |
| | | | |

Prepared By:

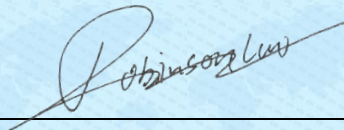


Date:

May 12, 2023

Project Engineer

Check By:



Date:

May 12, 2023

Reviewer

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4 Test Summary

| Test Item | Section in CFR 47 | Result |
|--|-----------------------|--------|
| Antenna requirement | 15.203 | Pass |
| AC Power Line Conducted Emission | 15.207 | Pass |
| Field strength of the fundamental signal | 15.249 (a) | N/A |
| Spurious emissions | 15.249 (a) (d)/15.209 | Pass |
| Band edge | 15.249 (d)/15.205 | N/A |
| 20dB Occupied Bandwidth | 15.215 (c) | N/A |

Remarks:

1. Test according to ANSI C63.10:2013
2. Pass: The EUT complies with the essential requirements in the standard.
3. N/A: this's a Class II permissive change report, all of the changes are not effect to the RF performance, function and power. So these conducted test data directly reference the original report.

4.1 Measurement Uncertainty

| Test Item | Frequency Range | Measurement Uncertainty | Notes |
|----------------------------------|-----------------|-------------------------|-------|
| Radiated Emission | 9kHz-30MHz | 3.1dB | (1) |
| Radiated Emission | 30MHz-200MHz | 3.8039dB | (1) |
| Radiated Emission | 200MHz-1GHz | 3.9679dB | (1) |
| Radiated Emission | 1GHz-18GHz | 4.29dB | (1) |
| Radiated Emission | 18GHz-40GHz | 3.30dB | (1) |
| AC Power Line Conducted Emission | 0.15MHz ~ 30MHz | 3.44dB | (1) |

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

5 General Information

5.1 General Description of EUT

| | |
|--|--|
| Product Name: | digital signage |
| Model No.: | Lumina Aqua 1010-X2, Lumina Aqua 1010-D2 |
| Test Model No.: | Lumina Aqua 1010-X2 |
| Remark: All above models are identical in the same PCB layout, interior structure and electrical circuits. The differences are appearance color and model name for commercial purpose. | |
| S/N: | N/A |
| Test sample(s) ID: | GTS2023040536-1 |
| Sample(s) Status | Engineered sample |
| Operation Frequency: | 2402MHz~2480MHz |
| Channel numbers: | 79 |
| Channel separation: | 1MHz |
| Modulation type: | GFSK |
| Antenna Type: | PCB IFA Antenna |
| Antenna gain: | 1.88dBi |
| Power supply: | DC 12V |

| Operation Frequency each of channel | | | | | | | |
|-------------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 1 | 2402MHz | 21 | 2422MHz | 41 | 2442MHz | 61 | 2462MHz |
| 2 | 2403MHz | 22 | 2423MHz | 42 | 2443MHz | 62 | 2463MHz |
| 3 | 2404MHz | 23 | 2424MHz | 43 | 2444MHz | 63 | 2464MHz |
| 4 | 2405MHz | 24 | 2425MHz | 44 | 2445MHz | 64 | 2465MHz |
| 5 | 2406MHz | 25 | 2426MHz | 45 | 2446MHz | 65 | 2466MHz |
| 6 | 2407MHz | 26 | 2427MHz | 46 | 2447MHz | 66 | 2467MHz |
| 7 | 2408MHz | 27 | 2428MHz | 47 | 2448MHz | 67 | 2468MHz |
| 8 | 2409MHz | 28 | 2429MHz | 48 | 2449MHz | 68 | 2469MHz |
| 9 | 2410MHz | 29 | 2430MHz | 49 | 2450MHz | 69 | 2470MHz |
| 10 | 2411MHz | 30 | 2431MHz | 50 | 2451MHz | 70 | 2471MHz |
| 11 | 2412MHz | 31 | 2432MHz | 51 | 2452MHz | 71 | 2472MHz |
| 12 | 2413MHz | 32 | 2433MHz | 52 | 2453MHz | 72 | 2473MHz |
| 13 | 2414MHz | 33 | 2434MHz | 53 | 2454MHz | 73 | 2474MHz |
| 14 | 2415MHz | 34 | 2435MHz | 54 | 2455MHz | 74 | 2475MHz |
| 15 | 2416MHz | 35 | 2436MHz | 55 | 2456MHz | 75 | 2476MHz |
| 16 | 2417MHz | 36 | 2437MHz | 56 | 2457MHz | 76 | 2477MHz |
| 17 | 2418MHz | 37 | 2438MHz | 57 | 2458MHz | 77 | 2478MHz |
| 18 | 2419MHz | 38 | 2439MHz | 58 | 2459MHz | 78 | 2479MHz |
| 19 | 2420MHz | 39 | 2440MHz | 59 | 2460MHz | 79 | 2480MHz |
| 20 | 2421MHz | 40 | 2441MHz | 60 | 2461MHz | | |

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

| Channel | Frequency |
|---------------------|-----------|
| The lowest channel | 2402MHz |
| The middle channel | 2441MHz |
| The Highest channel | 2480MHz |

5.2 Test mode

| | |
|-------------------|---|
| Transmitting mode | Keep the EUT in continuously transmitting mode. |
|-------------------|---|

Per-test mode.

We have verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:

| Axis | X | Y | Z |
|------------------------|-------|-------|-------|
| Field Strength(dBuV/m) | 88.12 | 89.44 | 87.79 |

5.3 Description of Support Units

| Manufacturer | Description | Model | Serial Number |
|--------------|-------------|-------|---------------|
| N/A | ADAPTER | N/A | N/A |

5.4 Deviation from Standards

| |
|-------|
| None. |
|-------|

5.5 Abnormalities from Standard Conditions

| |
|-------|
| None. |
|-------|

5.6 Test Facility

| |
|--|
| <p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> ● FCC—Registration No.: 381383 Designation Number: CN5029 Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. ● IC —Registration No.: 9079A CAB identifier: CN0091 The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing ● NVLAP (LAB CODE:600179-0) Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). |
|--|

5.7 Test Location

| |
|--|
| All tests were performed at: |
| <p>Global United Technology Services Co., Ltd. Address: No. 123- 128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Tel: 0755-27798480 Fax: 0755-27798960</p> |

5.8 Additional Instructions

| | |
|-------------------|---|
| Test Software | Special test command provided by manufacturer |
| Power level setup | Default |

6 Test Instruments list

| Radiated Emission: | | | | | | |
|--------------------|-------------------------------------|--------------------------------|-----------------------------|---------------|---------------------|-------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1 | 3m Semi- Anechoic Chamber | ZhongYu Electron | 9.2(L)*6.2(W)* 6.4(H) | GTS250 | July 02, 2020 | July 01, 2025 |
| 2 | Control Room | ZhongYu Electron | 6.2(L)*2.5(W)* 2.4(H) | GTS251 | N/A | N/A |
| 3 | EMI Test Receiver | Rohde & Schwarz | ESU26 | GTS203 | April 21, 2023 | April 20, 2024 |
| 4 | BiConiLog Antenna | SCHWARZBECK MESS-ELEKTRONIK | VULB9168 | GTS640 | March 20, 2023 | March 19, 2025 |
| 5 | Double -ridged waveguide horn | SCHWARZBECK MESS-ELEKTRONIK | BBHA 9120 D | GTS208 | June 12, 2022 | June 11, 2023 |
| 6 | Horn Antenna | ETS-LINDGREN | 3160 | GTS217 | June 23, 2022 | June 22, 2023 |
| 7 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A |
| 8 | Coaxial Cable | GTS | N/A | GTS213 | April 21, 2023 | April 20, 2024 |
| 9 | Coaxial Cable | GTS | N/A | GTS211 | April 21, 2023 | April 20, 2024 |
| 10 | Coaxial cable | GTS | N/A | GTS210 | April 21, 2023 | April 20, 2024 |
| 11 | Coaxial Cable | GTS | N/A | GTS212 | April 21, 2023 | April 20, 2024 |
| 12 | Amplifier(100kHz-3GHz) | HP | 8347A | GTS204 | April 21, 2023 | April 20, 2024 |
| 13 | Amplifier (18-26GHz) | Rohde & Schwarz | AFS33-18002 650-30-8P-44 | GTS218 | June 23, 2022 | June 22, 2023 |
| 14 | Band filter | Amindeon | 82346 | GTS219 | June 23, 2022 | June 22, 2023 |
| 15 | Power Meter | Anritsu | ML2495A | GTS540 | June 23, 2022 | June 22, 2023 |
| 16 | Power Sensor | Anritsu | MA2411B | GTS541 | June 23, 2022 | June 22, 2023 |
| 17 | Wideband Radio Communication Tester | Rohde & Schwarz | CMW500 | GTS575 | April 21, 2023 | April 20, 2024 |
| 18 | Splitter | Agilent | 11636B | GTS237 | June 23, 2022 | June 22, 2023 |
| 19 | Loop Antenna | ZHINAN | ZN30900A | GTS534 | Nov. 29, 2022 | Nov. 28, 2023 |
| 20 | Broadband Preamplifier | SCHWARZBECK | BBV9718 | GTS535 | April 21, 2023 | April 20, 2024 |
| 21 | Breitband hornantenna | SCHWARZBECK | BBHA 9170 | GTS579 | Oct. 16, 2022 | Oct. 15, 2023 |
| 22 | Amplifier | TDK | PA-02-02 | GTS574 | Oct. 16, 2022 | Oct. 15, 2023 |
| 23 | Amplifier | TDK | PA-02-03 | GTS576 | Oct. 16, 2022 | Oct. 15, 2023 |
| 24 | PSA Series Spectrum Analyzer | Rohde & Schwarz | FSP | GTS578 | June 23, 2022 | June 22, 2023 |
| 25 | Amplifier(1GHz-26.5GHz) | HP | 8449B | GTS601 | April 21, 2023 | April 20, 2024 |

| Conducted Emission | | | | | | |
|--------------------|---------------------------|-------------------------|----------------------|---------------|---------------------|-------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1 | Shielding Room | ZhongYu Electron | 7.3(L)x3.1(W)x2.9(H) | GTS252 | May 14, 2022 | May 13, 2025 |
| 2 | EMI Test Receiver | R&S | ESCI 7 | GTS552 | April 23, 2023 | April 22, 2024 |
| 3 | Coaxial Switch | ANRITSU CORP | MP59B | GTS225 | June 23, 2022 | June 22, 2023 |
| 4 | ENV216 2-L-V-NETZNACHB.DE | ROHDE&SCHWARZ | ENV216 | GTS226 | April 21, 2023 | April 20, 2024 |
| 5 | Coaxial Cable | GTS | N/A | GTS227 | N/A | N/A |
| 6 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A |
| 7 | Thermo meter | JINCHUANG | GSP-8A | GTS639 | April 27, 2023 | April 26, 2024 |
| 8 | Absorbing clamp | Elektronik-Feinmechanik | MDS21 | GTS229 | April 14, 2023 | April 13, 2024 |
| 9 | ISN | SCHWARZBECK | NTFM 8158 | GTS565 | April 21, 2023 | April 20, 2024 |
| 10 | High voltage probe | SCHWARZBECK | TK9420 | GTS537 | April 21, 2023 | April 20, 2024 |

| General used equipment: | | | | | | |
|-------------------------|---------------------------------|--------------|-----------|---------------|---------------------|-------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1 | Humidity/ Temperature Indicator | KTJ | TA328 | GTS243 | April 24, 2023 | April 23, 2024 |
| 2 | Barometer | KUMAO | SF132 | GTS647 | July 26, 2022 | July 25, 2023 |

7 Test results and Measurement Data

7.1 Antenna requirement

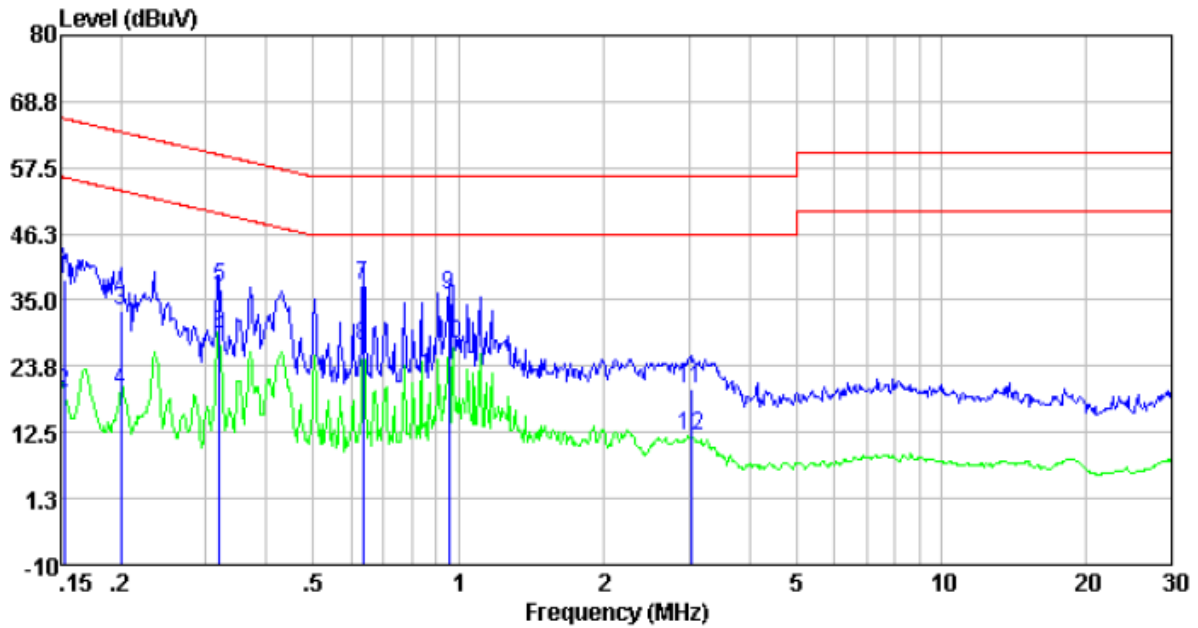
| | |
|--|-----------------------------|
| Standard requirement: | FCC Part15 C Section 15.203 |
| 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached 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(c) (1)(i) requirement: (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi. | |
| EUT Antenna: | |
| The antenna is PCB IFA antenna, reference to the appendix II for details. | |

7.2 Conducted Emissions

| | | | | | | | |
|--|---|--------------|---------|-----------|---------|-----------|--|
| Test Requirement: | FCC Part15 C Section 15.207 | | | | | | |
| Test Method: | ANSI C63.10:2013 | | | | | | |
| Test Frequency Range: | 150KHz to 30MHz | | | | | | |
| Class / Severity: | Class B | | | | | | |
| Receiver setup: | RBW=9KHz, VBW=30KHz, Sweep time=auto | | | | | | |
| Limit: | 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 | | | |
| * Decreases with the logarithm of the frequency. | | | | | | | |
| Test setup: | <p><i>Remark</i> E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</p> | | | | | | |
| Test procedure: | <ol style="list-style-type: none"> 1. The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. 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 on conducted measurement. | | | | | | |
| Test environment: | Temp.: | 25 °C | Humid.: | 52% | Press.: | 1 012mbar | |
| Test Instruments: | Refer to section 6.0 for details | | | | | | |
| Test mode: | Refer to section 5.2 for details | | | | | | |
| Test voltage: | AC 120V, 60Hz | | | | | | |
| Test results: | Pass | | | | | | |

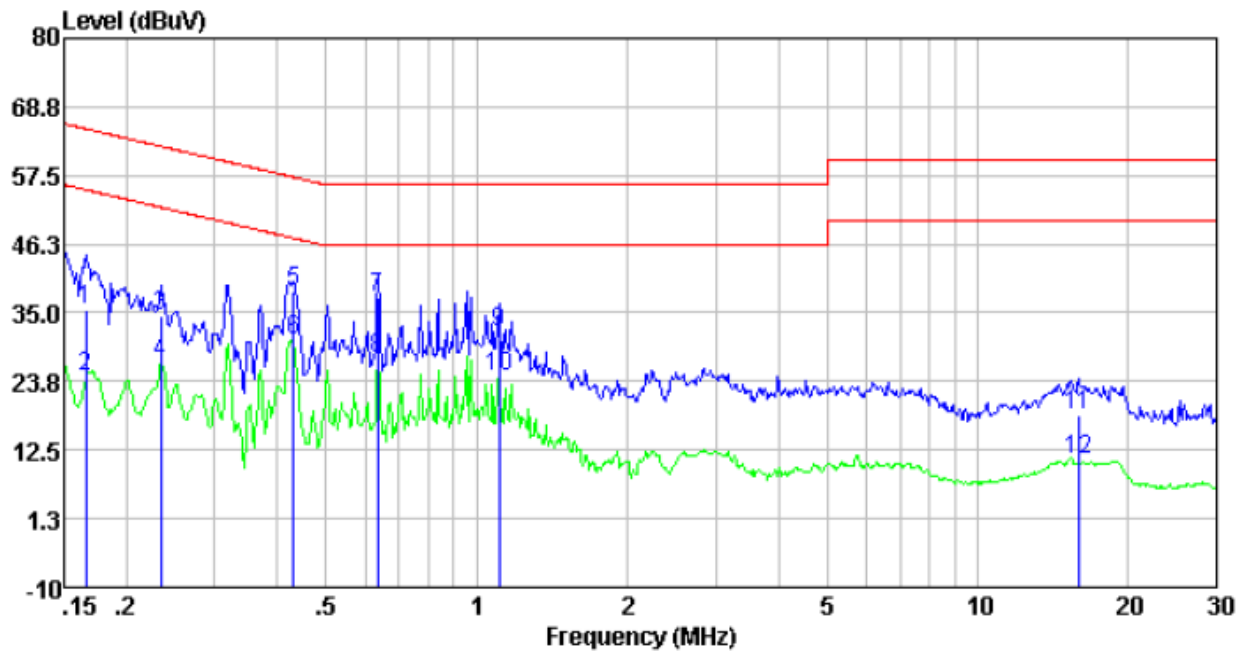
Measurement data:

Line:



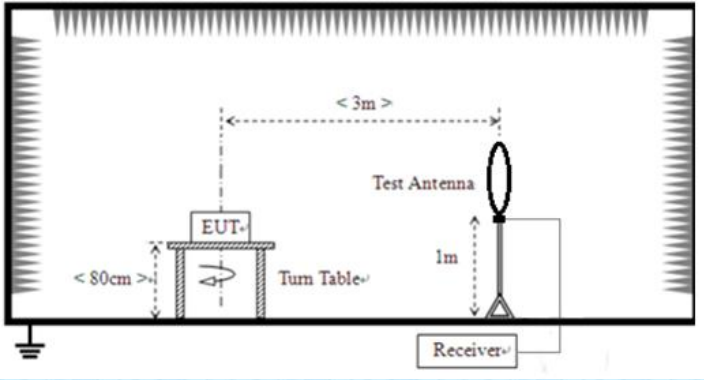
| Freq | Reading level | LISN/ISN factor | Cable loss | Level | Limit level | Over limit | Remark |
|------|---------------|-----------------|------------|-------|-------------|------------|---------|
| MHz | dBuV | dB | dB | dBuV | dBuV | dB | |
| 0.15 | 28.41 | 10.13 | 0.01 | 38.55 | 65.87 | -27.32 | QP |
| 0.15 | 9.11 | 10.13 | 0.01 | 19.25 | 55.87 | -36.62 | Average |
| 0.20 | 23.28 | 10.05 | 0.01 | 33.34 | 63.62 | -30.28 | QP |
| 0.20 | 9.66 | 10.05 | 0.01 | 19.72 | 53.62 | -33.90 | Average |
| 0.32 | 27.02 | 9.98 | 0.01 | 37.01 | 59.71 | -22.70 | QP |
| 0.32 | 19.23 | 9.98 | 0.01 | 29.22 | 49.71 | -20.49 | Average |
| 0.63 | 27.47 | 9.96 | 0.02 | 37.45 | 56.00 | -18.55 | QP |
| 0.63 | 17.06 | 9.96 | 0.02 | 27.04 | 46.00 | -18.96 | Average |
| 0.95 | 25.80 | 9.96 | 0.03 | 35.79 | 56.00 | -20.21 | QP |
| 0.95 | 17.44 | 9.96 | 0.03 | 27.43 | 46.00 | -18.57 | Average |
| 3.03 | 10.19 | 9.74 | 0.05 | 19.98 | 56.00 | -36.02 | QP |
| 3.03 | 2.04 | 9.74 | 0.05 | 11.83 | 46.00 | -34.17 | Average |

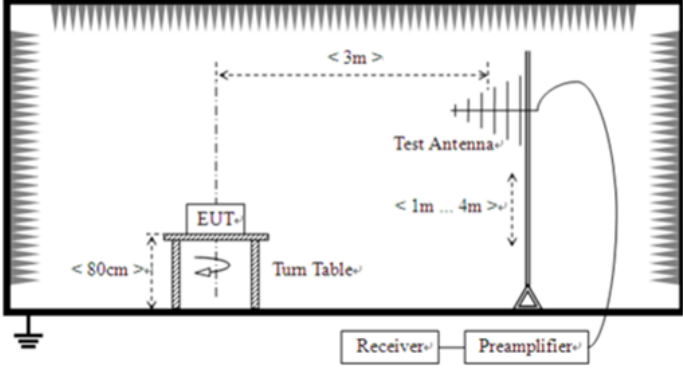
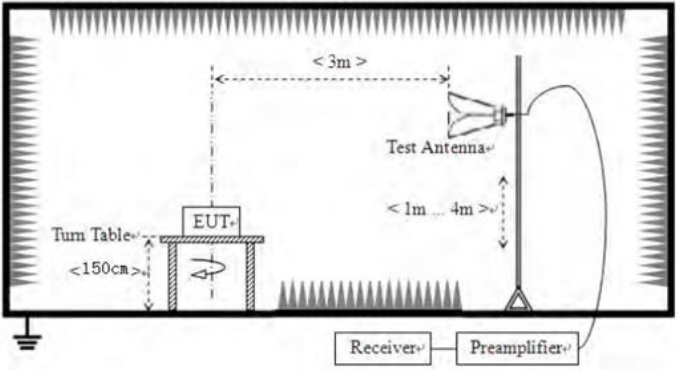
Neutral:



| Freq | Reading level | LISN/ISN factor | Cable loss | Level | Limit level | Over limit | Remark |
|-------|---------------|-----------------|------------|-------|-------------|------------|---------|
| MHz | dBuV | dB | dB | dBuV | dBuV | dB | |
| 0.17 | 25.43 | 10.13 | 0.01 | 35.57 | 65.16 | -29.59 | QP |
| 0.17 | 14.44 | 10.13 | 0.01 | 24.58 | 55.16 | -30.58 | Average |
| 0.23 | 24.30 | 10.03 | 0.01 | 34.34 | 62.30 | -27.96 | QP |
| 0.23 | 16.86 | 10.03 | 0.01 | 26.90 | 52.30 | -25.40 | Average |
| 0.43 | 28.48 | 9.96 | 0.01 | 38.45 | 57.24 | -18.79 | QP |
| 0.43 | 20.47 | 9.96 | 0.01 | 30.44 | 47.24 | -16.80 | Average |
| 0.63 | 27.61 | 9.96 | 0.02 | 37.59 | 56.00 | -18.41 | QP |
| 0.63 | 17.56 | 9.96 | 0.02 | 27.54 | 46.00 | -18.46 | Average |
| 1.11 | 21.72 | 9.95 | 0.03 | 31.70 | 56.00 | -24.30 | QP |
| 1.11 | 14.72 | 9.95 | 0.03 | 24.70 | 46.00 | -21.30 | Average |
| 15.89 | 8.72 | 9.48 | 0.17 | 18.37 | 60.00 | -41.63 | QP |
| 15.89 | 1.14 | 9.48 | 0.17 | 10.79 | 50.00 | -39.21 | Average |

7.3 Radiated Emission Method

| | | | | | |
|--|--|--------------------|------------|------------------|------------------|
| Test Requirement: | FCC Part15 C Section 15.209 | | | | |
| Test Method: | ANSI C63.10 | | | | |
| Test Frequency Range: | 9kHz to 25GHz | | | | |
| Test site: | Measurement Distance: 3m | | | | |
| Receiver setup: | Frequency | Detector | RBW | VBW | Remark |
| | 9kHz-150kHz | Quasi-peak | 200Hz | 300Hz | Quasi-peak Value |
| | 150kHz-30MHz | Quasi-peak | 9kHz | 10kHz | Quasi-peak Value |
| | 30MHz-1GHz | Quasi-peak | 120KHz | 300KHz | Quasi-peak Value |
| | Above 1GHz | Peak | 1MHz | 3MHz | Peak Value |
| | | Peak | 1MHz | 10Hz | Average Value |
| Limit: (Field strength of the fundamental signal) | Frequency | Limit (dBuV/m @3m) | | Remark | |
| | 2400MHz-2483.5MHz | 94.00 | | Average Value | |
| | | 114.00 | | Peak Value | |
| Limit: (Spurious Emissions) | Frequency | Limit (uV/m) | | Remark | |
| | 0.009MHz-0.490MHz | 2400/F(kHz) @300m | | Quasi-peak Value | |
| | 0.490MHz-1.705MHz | 24000/F(kHz) @30m | | Quasi-peak Value | |
| | 1.705MHz-30.0MHz | 30 @30m | | Quasi-peak Value | |
| | 30MHz-88MHz | 100 @3m | | Quasi-peak Value | |
| | 88MHz-216MHz | 150 @3m | | Quasi-peak Value | |
| | 216MHz-960MHz | 200 @3m | | Quasi-peak Value | |
| | 960MHz-1GHz | 500 @3m | | Quasi-peak Value | |
| | Above 1GHz | 500 @3m | | Average Value | |
| | 5000 @3m | | Peak Value | | |
| Limit: (band edge) | Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation. | | | | |
| Test setup: | <p>For radiated emissions from 9kHz to 30MHz</p>  <p>For radiated emissions from 30MHz to 1GHz</p> | | | | |

| | | | | | | | |
|--------------------------|--|---------|-------|---------|----------|---------|----------|
| |  <p>For radiated emissions above 1GHz</p>  | | | | | | |
| <p>Test Procedure:</p> | <ol style="list-style-type: none"> 1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. 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 and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. 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>Test Instruments:</p> | <p>Refer to section 6.0 for details</p> | | | | | | |
| <p>Test mode:</p> | <p>Refer to section 5.2 for details</p> | | | | | | |
| <p>Test environment:</p> | <table border="1"> <tr> <td>Temp.:</td> <td>25 °C</td> <td>Humid.:</td> <td>52%</td> <td>Press.:</td> <td>1012mbar</td> </tr> </table> | Temp.: | 25 °C | Humid.: | 52% | Press.: | 1012mbar |
| Temp.: | 25 °C | Humid.: | 52% | Press.: | 1012mbar | | |
| <p>Test results:</p> | <p>Pass</p> | | | | | | |

Measurement data:

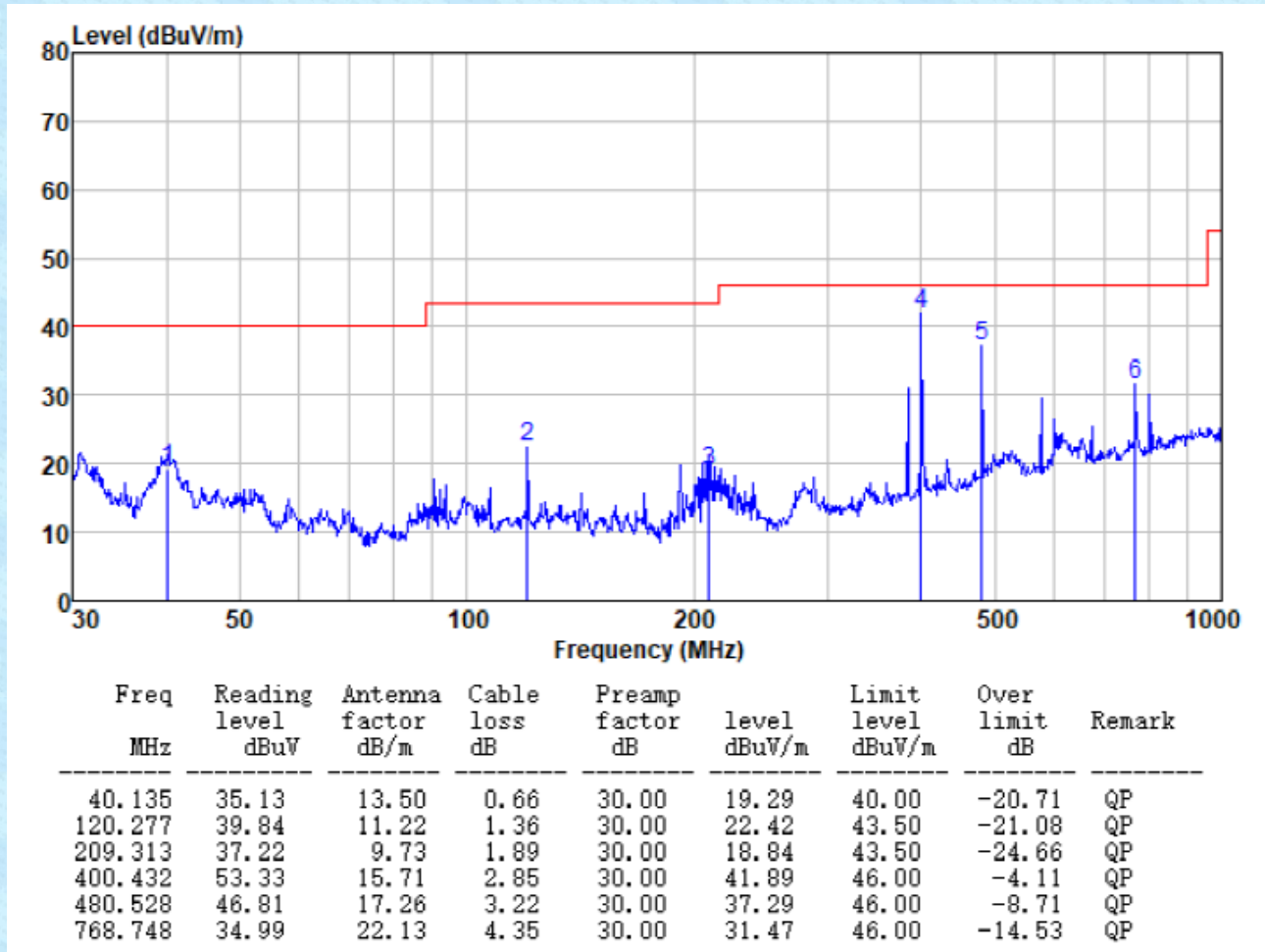
7.3.1 Spurious emissions

■ **Below 30MHz**

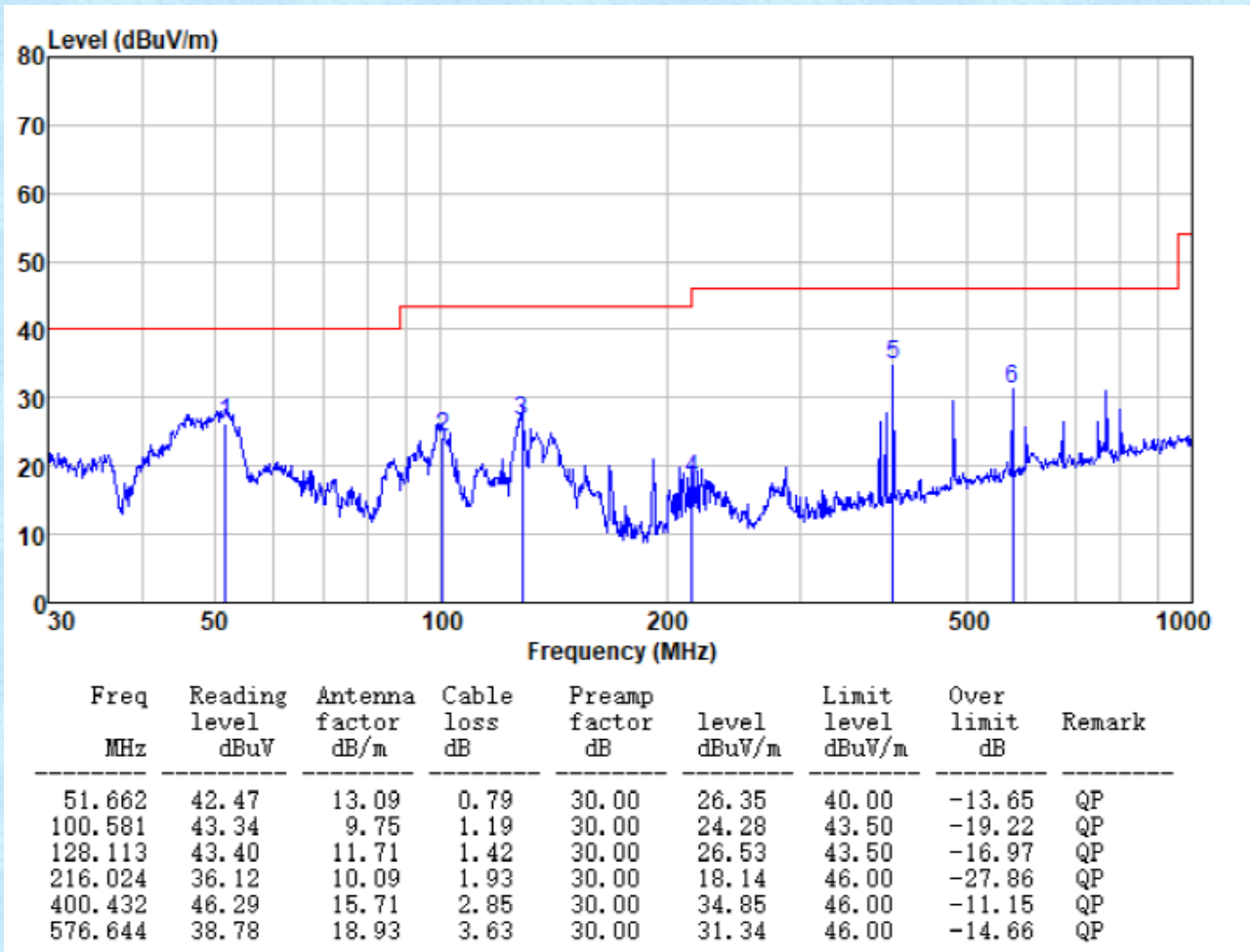
The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o), the test result no need to reported.

■ **Below 1GHz**

Horizontal:



Vertical:



8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

-----End-----