

FCC PART 15B TEST REPORT

For

Quanshun Communication Technology Co., Ltd

Quanshun Bldg., Daxiamei, Nan'an, Quanzhou, Fujian, China

Tested Model: D30
Series Model: D3X, D33,D35,D36,D37,D38,D39.

| | |
|--|---|
| Report Type: Original Report | Product Type: DMR Digital Portable Radio |
| Project Engineer: | Gerry Xing |
| Report Number: | RXM210414051-00B |
| Report Date: | 2021-07-05 |
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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

| | |
|------------------------------|--|
| Applicant | Quanshun Communication And Technology Co., Ltd |
| Test Model | D30 |
| Series Model | D3X, D33,D35,D36,D37,D38,D39. |
| Product | DMR Digital Portable Radio |
| *Highest Operation Frequency | 470MHz |
| Rate Voltage | AC110-220V or DC12V from Adapter |

Adapter Information:

Model: GQ24-120200-AU

Input: 100-240V,50/60Hz,1.0A

Output: 12.0V,2.0A

*Note1: The highest operation frequency was provided by the applicant.

*Note2: The difference between test model and series model were explained in the attached declaration letter.

*All measurement and test data in this report was gathered from production sample serial number:

RXM210414051 -1(Assigned by the BACL. The EUT supplied by the applicant was received on 2021-04-14)

Objective

This report is prepared on behalf of *Quanshun Communication Technology Co., Ltd* in accordance with Part 2-Subpart J, and Part 15-Subparts A and B of the Federal Communication Commission's rules.

The objective of the manufacturer is to determine the compliance of EUT with FCC Part 15, Class B device.

Related Submittal(s)/Grant(s)

No related submittal(s).

Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

All radiated and conducted emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Kunshan). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Kunshan) to collect test data is located on the No.248 Chenghu Road, Kunshan, Jiangsu province, China.

Bay Area Compliance Laboratories Corp. (Kunshan) Lab is accredited to ISO/IEC 17025 by A2LA (Lab code: 4323.01) and the FCC designation No. CN1185 under the FCC KDB 974614 D01 and CAB

identifier CN0004 under the ISED requirement. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2014.

F I N A L

SYSTEM TEST CONFIGURATION

Justification

The system was configured for testing in a typical mode (as normally used by a typical user).

Test Mode1: Charging by desktop charger

Test Mode2: RF communication

EUT Exercise Software

No EUT exercise software was used.

Special Accessories

No special accessory was used.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

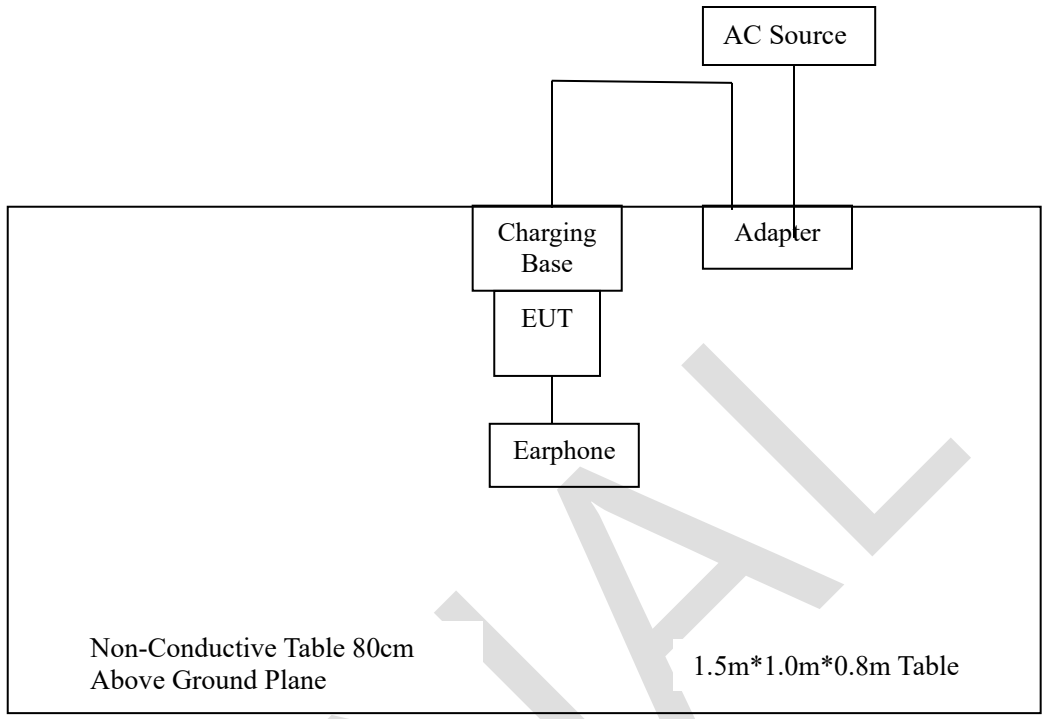
| Manufacturer | Description | Model | Serial Number |
|--------------|-------------|-------|---------------|
| / | / | / | / |

External I/O Cable

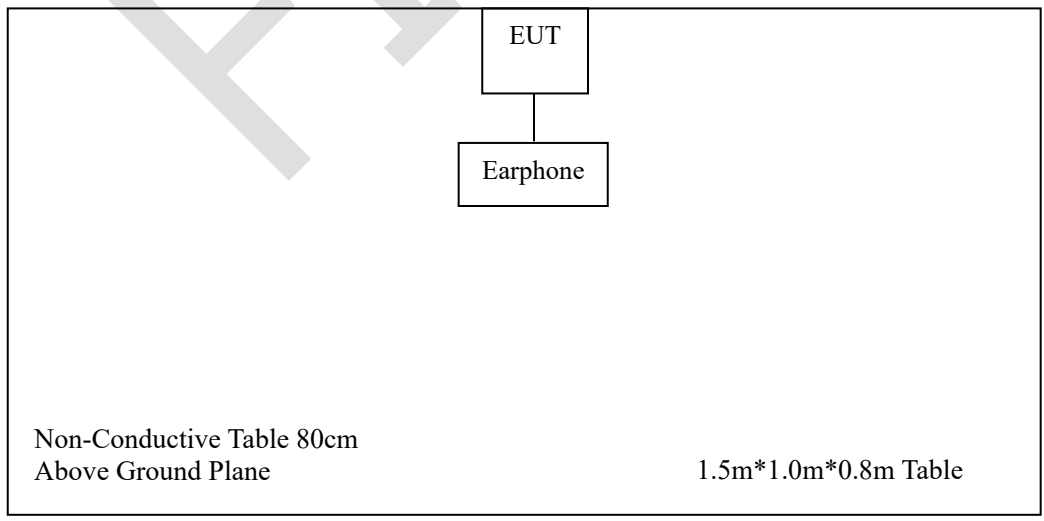
| Cable Description | Length (m) | From Port | To |
|-------------------|------------|---------------|-----------|
| Audio Cable | 1.0 | EUT | Earphone |
| Power Cable | 1.5 | EUT | Adapter |
| Power Cable | 1.0 | Adapter | AC Source |
| Power Cable | 1.5 | Charging Base | Adapter |

Block Diagram of Radiated Test Setup

Test mode1:



Test mode2:



SUMMARY OF TEST RESULTS

| FCC Rules | Description of Test | Results |
|-----------|---------------------|-----------|
| §15.107 | Conducted Emissions | Compliant |
| §15.109 | Radiated Emissions | Compliant |

FINNAL

FCC §15.107 - CONDUCTED EMISSIONS

Applicable Standard

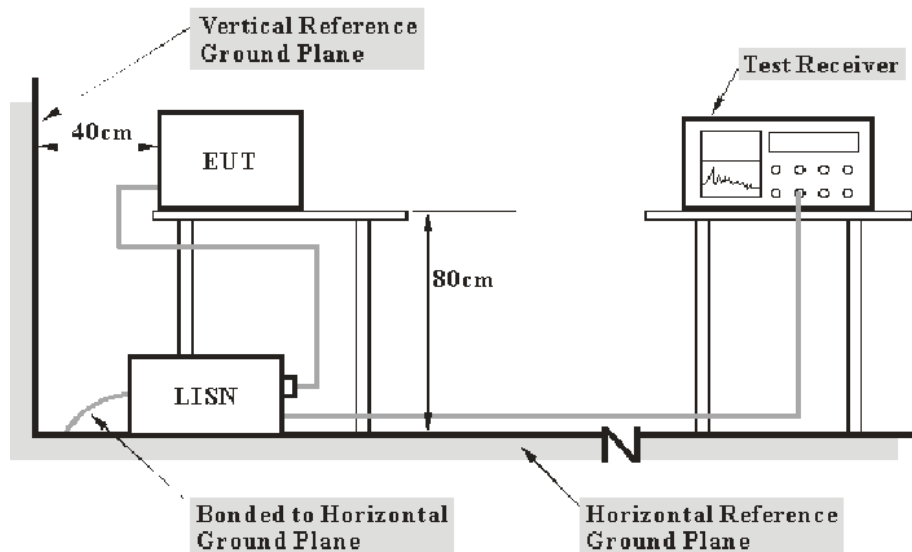
According to FCC§15.107

Measurement Uncertainty

Input quantities to be considered for conducted disturbance measurements maybe receiver reading, attenuation of the connection between LISN and receiver, LISN voltage division factor, LISN VDF frequency interpolation and receiver related input quantities, etc.

| Item | | Terminal | Measurement Uncertainty | U_{cispr} |
|--------------------|--------------|----------|-------------------------|-------------|
| Conducted Emission | 150kHz~30MHz | AC Mains | 3.19 dB | 3.4 dB |

EUT Setup



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

The measurement procedure of EUT setup is according with ANSI C63.4-2014. The related limit was specified in FCC Part 15.107 Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz

During the conducted emission test, the EMI test receiver was set with the following configurations:

| Frequency Range | IF B/W |
|------------------|--------|
| 150 kHz – 30 MHz | 9 kHz |

Test Procedure

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

Test Equipment List and Details

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|-----------------|-------------------|----------|----------------------------|------------------|----------------------|
| Rohde & Schwarz | EMI Test Receiver | ESR | 1316.3003K03 -101746-zn | 2020-07-28 | 2021-07-27 |
| Rohde & Schwarz | LISN | ENV216 | 101115 | 2020-11-27 | 2021-11-26 |
| Audix | Test Software | e3 | V9 | N/A | N/A |
| MICRO-COAX | Coaxial Cable | Cable-15 | 015 | 2020-08-15 | 2021-08-14 |
| Rohde & Schwarz | Pluse limiter | ESH3-Z2 | 100552 | 2020-08-10 | 2021-08-09 |

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Kunshan) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

Factor & Over Limit Calculation

The Factor is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Attenuator. The basic equation is as follows:

$$\text{Factor (dB)} = \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Attenuator (dB)}$$

The “**Over Limit**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit of 7 dB means the emission is 7 dB above the limit. The equation for Over Limit calculation is as follows:

$$\text{Over Limit (dB)} = \text{Read level (dB}\mu\text{V)} + \text{Factor (dB)} - \text{Limit (dB}\mu\text{V)}$$

Test Data

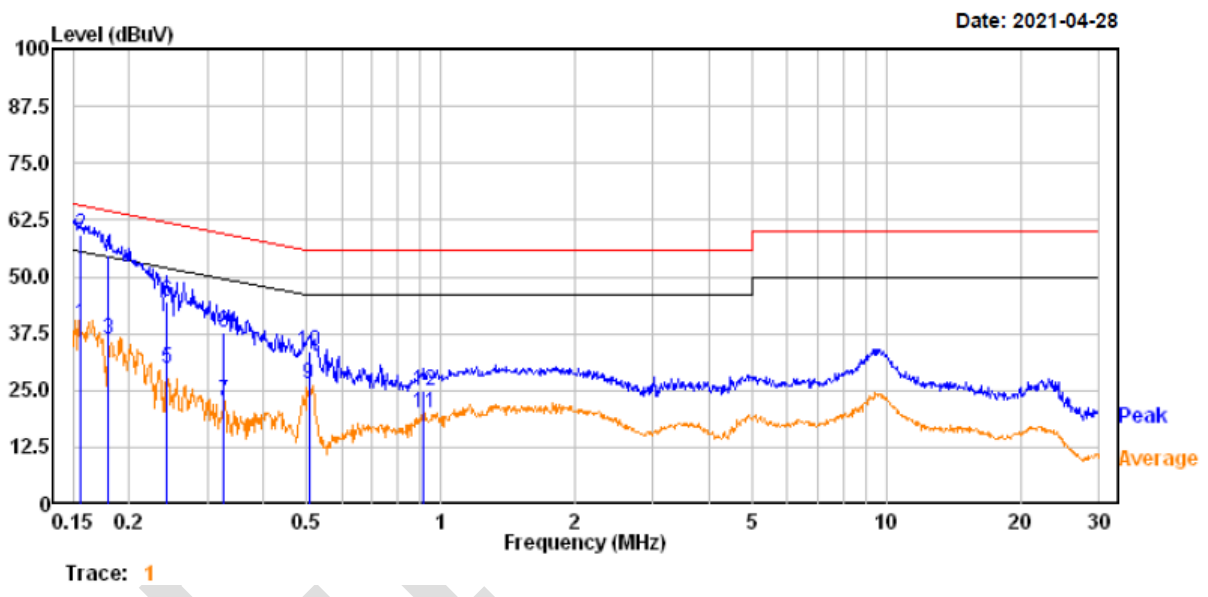
Environmental Conditions

| | |
|---------------------------|-----------|
| Temperature: | 24.7 °C |
| Relative Humidity: | 52 % |
| ATM Pressure: | 101.2 kPa |

The testing was performed by Gerry Xing on 2021-04-28

Test model:

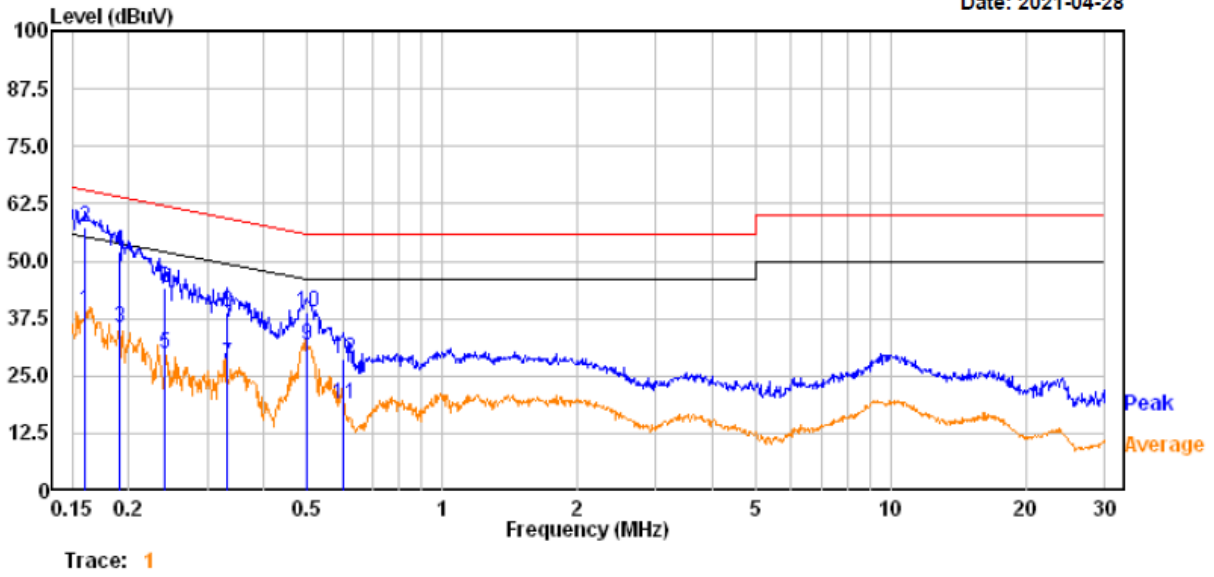
Line:



| | Read Freq | Read Level | Factor | Level | Limit Line | Over Limit | Remark |
|----|-----------|------------|--------|-------|------------|------------|---------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | |
| 1 | 0.155 | 19.70 | 19.82 | 39.52 | 55.71 | -16.19 | Average |
| 2 | 0.155 | 39.30 | 19.82 | 59.12 | 65.71 | -6.59 | QP |
| 3 | 0.179 | 16.40 | 19.83 | 36.23 | 54.51 | -18.28 | Average |
| 4 | 0.179 | 35.00 | 19.83 | 54.83 | 64.51 | -9.68 | QP |
| 5 | 0.242 | 9.90 | 19.82 | 29.72 | 52.03 | -22.31 | Average |
| 6 | 0.242 | 24.80 | 19.82 | 44.62 | 62.03 | -17.41 | QP |
| 7 | 0.326 | 2.80 | 19.82 | 22.62 | 49.54 | -26.92 | Average |
| 8 | 0.326 | 17.80 | 19.82 | 37.62 | 59.54 | -21.92 | QP |
| 9 | 0.506 | 6.50 | 19.76 | 26.26 | 46.00 | -19.74 | Average |
| 10 | 0.506 | 13.80 | 19.76 | 33.56 | 56.00 | -22.44 | QP |
| 11 | 0.916 | 0.10 | 19.74 | 19.84 | 46.00 | -26.16 | Average |
| 12 | 0.916 | 5.20 | 19.74 | 24.94 | 56.00 | -31.06 | QP |

Neutral:

Date: 2021-04-28



| | Freq | Read Level | Factor | Level | Limit Line | Over Limit | Remark |
|----|-------|------------|--------|-------|------------|------------|---------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | |
| 1 | 0.160 | 19.50 | 19.83 | 39.33 | 55.46 | -16.13 | Average |
| 2 | 0.160 | 37.60 | 19.83 | 57.43 | 65.46 | -8.03 | QP |
| 3 | 0.191 | 15.80 | 19.82 | 35.62 | 53.97 | -18.35 | Average |
| 4 | 0.191 | 32.10 | 19.82 | 51.92 | 63.97 | -12.05 | QP |
| 5 | 0.241 | 10.10 | 19.82 | 29.92 | 52.07 | -22.15 | Average |
| 6 | 0.241 | 24.30 | 19.82 | 44.12 | 62.07 | -17.95 | QP |
| 7 | 0.331 | 7.59 | 19.82 | 27.41 | 49.42 | -22.01 | Average |
| 8 | 0.331 | 18.99 | 19.82 | 38.81 | 59.42 | -20.61 | QP |
| 9 | 0.499 | 12.00 | 19.76 | 31.76 | 46.02 | -14.26 | Average |
| 10 | 0.499 | 19.20 | 19.76 | 38.96 | 56.02 | -17.06 | QP |
| 11 | 0.603 | -0.80 | 19.75 | 18.95 | 46.00 | -27.05 | Average |
| 12 | 0.603 | 9.10 | 19.75 | 28.85 | 56.00 | -27.15 | QP |

Note:

- 1) Factor (dB) = LISN VDF (dB) + Cable Loss (dB) + Transient Limiter Attenuation (dB)
- 2) Over Limit (dB) = Read level (dBμV) + Factor (dB) - Limit (dBμV)

FCC §15.109 - RADIATED EMISSIONS

Applicable Standard

FCC §15.109

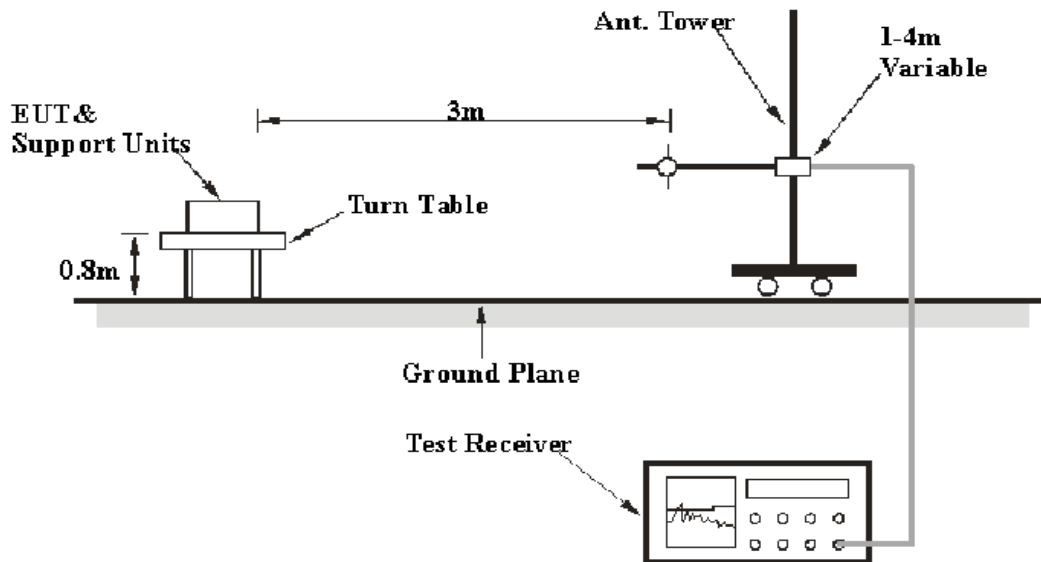
Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in field of EMC. The factors contributing to uncertainties are spectrum analyzer, cable loss, antenna factor calibration, antenna directivity, antenna factor variation with height, antenna phase center variation, antenna factor frequency interpolation, measurement distance variation, site imperfections, mismatch (average) and system repeatability.

| Item | | Measurement Uncertainty | U_{cispr} |
|--------------------|------------|-------------------------|-------------|
| Radiated Emissions | 30MHz~1GHz | 5.91dB | 6.3 dB |
| | 1GHz~6GHz | 4.68dB | 5.2 dB |

EUT Setup

Below 1GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15.109 Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The system was investigated from 30 MHz to 1 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

| Frequency Range | RBW | Video B/W | IF B/W | Detector Type |
|------------------|---------|-----------|--------|---------------|
| 30MHz - 1000 MHz | 120 kHz | 300 kHz | 120kHz | QP |
| Above 1 GHz | 1 MHz | 3 MHz | / | Peak |
| | 1MHz | 3 MHz | 1 MHz | AVG |

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Test Equipment List and Details

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|-------------------|-------------------|------------|---------------|------------------|----------------------|
| Sonoma Instrument | Amplifier | 310N | 185700 | 2020-08-14 | 2021-08-13 |
| Rohde & Schwarz | EMI Test Receiver | ESCI | 100195 | 2020-11-27 | 2021-11-26 |
| Sunol Sciences | Broadband Antenna | JB3 | A090314-2 | 2020-01-07 | 2023-01-06 |
| Champrotek | Chamber 1# | 3m-SAC 966 | NA | 2019-05-08 | 2022-05-07 |
| Albatross | Chamber 2# | 3m-SAC 966 | NA | 2019-05-08 | 2022-05-07 |
| Rohde & Schwarz | CE Test Software | EMC32 | 100361 | N/A | N/A |
| ETS | Horn Antenna | 3115 | 9311-4159 | 2020-07-15 | 2023-07-14 |
| Rohde & Schwarz | EMI Receiver | ESU40 | 100207 | 2020-04-01 | 2021-03-31 |
| A.H.Systems,inc | Amplifier | PAM-0118P | 512 | 2020-02-20 | 2021-02-19 |
| MICRO-COAX | Coaxial Cable | Cable-8 | 008 | 2020-08-15 | 2021-08-14 |
| MICRO-COAX | Coaxial Cable | Cable-9 | 009 | 2020-08-15 | 2021-08-14 |
| MICRO-COAX | Coaxial Cable | Cable-10 | 010 | 2020-08-15 | 2021-08-14 |
| MICRO-COAX | Coaxial Cable | Cable-4 | 004 | 2020-08-15 | 2021-08-14 |
| MICRO-COAX | Coaxial Cable | Cable-5 | 005 | 2020-08-15 | 2021-08-14 |

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Kunshan) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

Level & Over Limit Calculation

The Level is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Factor = Antenna Factor + Cable Loss - Amplifier Gain

Level = Read level + Factor

The “**Over Limit**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit of 7 dB means the emission is 7 dB above the limit. The equation for over limit calculation is as follows:

Over Limit = Level - Limit

FINAL

Test Data

Environmental Conditions

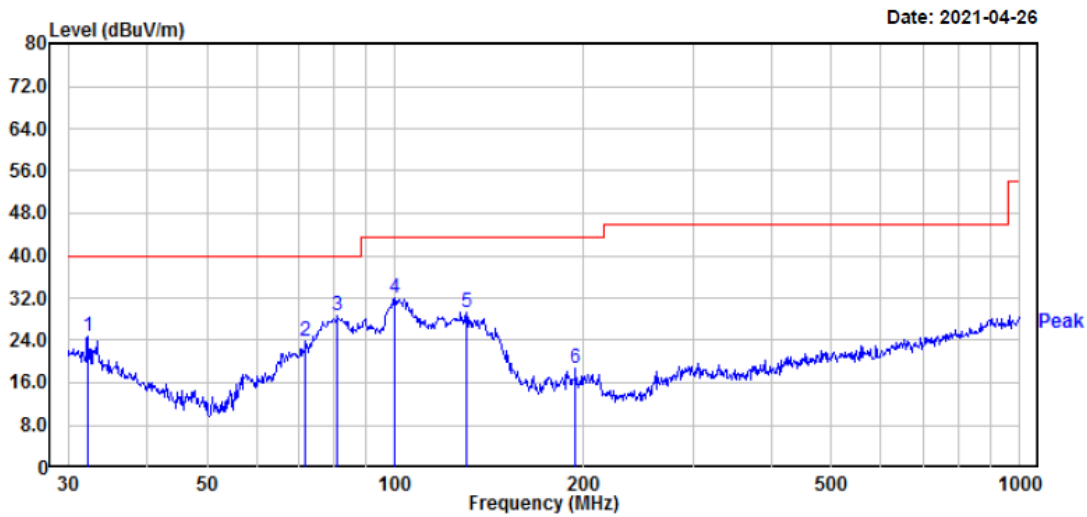
| | |
|---------------------------|-----------|
| Temperature: | 24.9 °C |
| Relative Humidity: | 53 % |
| ATM Pressure: | 101.2 kPa |

The testing was performed by Gerry Xing on 2021-04-26.

Test model:

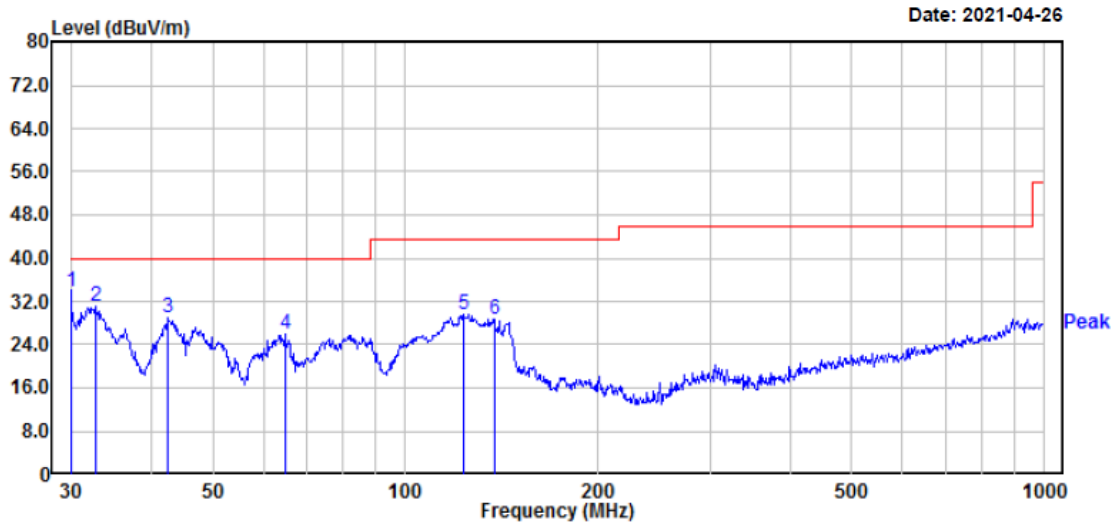
1) Below 1 GHz (120V):

Horizontal:



| | Read | Limit | Over | APos | TPos | Remark |
|------|--------|--------|--------|--------|-------|---------------------|
| Freq | Level | Factor | Level | Line | Limit | |
| MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | cm deg |
| 1 | 32.29 | 30.45 | -5.84 | 24.61 | 40.00 | -15.39 100 354 Peak |
| 2 | 71.83 | 40.48 | -16.61 | 23.87 | 40.00 | -16.13 200 256 Peak |
| 3 | 80.93 | 46.35 | -17.74 | 28.61 | 40.00 | -11.39 200 348 Peak |
| 4 | 99.88 | 46.63 | -14.56 | 32.07 | 43.50 | -11.43 200 103 Peak |
| 5 | 130.38 | 40.43 | -11.04 | 29.39 | 43.50 | -14.11 200 121 Peak |
| 6 | 194.45 | 30.04 | -11.33 | 18.71 | 43.50 | -24.79 100 134 Peak |

Vertical:



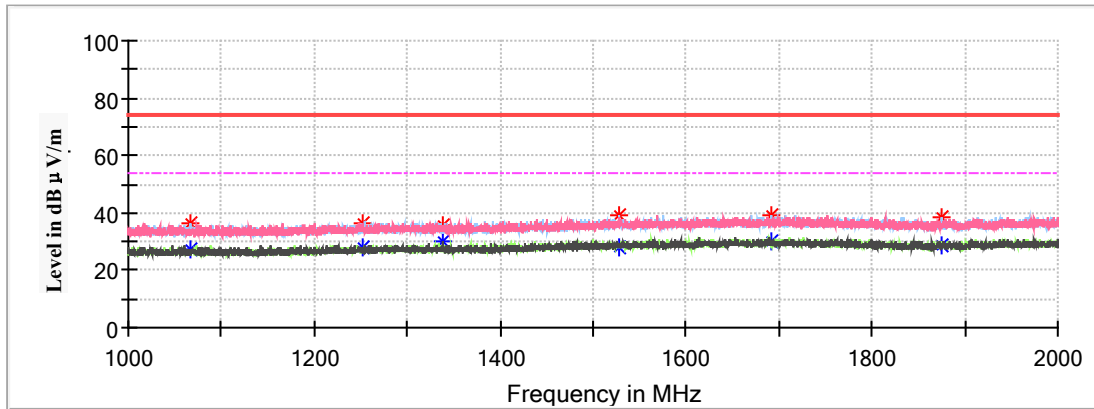
| | Read Freq | Read Level | Factor | Level | Limit | Over | APos | TPos | Remark |
|---|-----------|------------|--------|--------|--------|--------|------|------|--------|
| | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | cm | deg | |
| 1 | 30.00 | 38.19 | -4.24 | 33.95 | 40.00 | -6.05 | 200 | 192 | Peak |
| 2 | 32.75 | 37.25 | -6.17 | 31.08 | 40.00 | -8.92 | 200 | 266 | Peak |
| 3 | 42.60 | 42.13 | -13.30 | 28.83 | 40.00 | -11.17 | 100 | 134 | Peak |
| 4 | 64.89 | 42.90 | -17.09 | 25.81 | 40.00 | -14.19 | 100 | 189 | Peak |
| 5 | 123.70 | 40.69 | -10.98 | 29.71 | 43.50 | -13.79 | 100 | 95 | Peak |
| 6 | 137.90 | 40.14 | -11.38 | 28.76 | 43.50 | -14.74 | 100 | 248 | Peak |

Note:

- 1) Factor (dB) = LISN VDF (dB) + Cable Loss (dB) + Transient Limiter Attenuation (dB)
- 2) Over Limit (dB) = Read level (dBμV) + Factor (dB) - Limit (dBμV)
- 3) The PK values of the emissions are 6dB below the QP Limit, So the QP values of the emissions were not recorded.

2) Above 1 GHz:

Full Spectrum

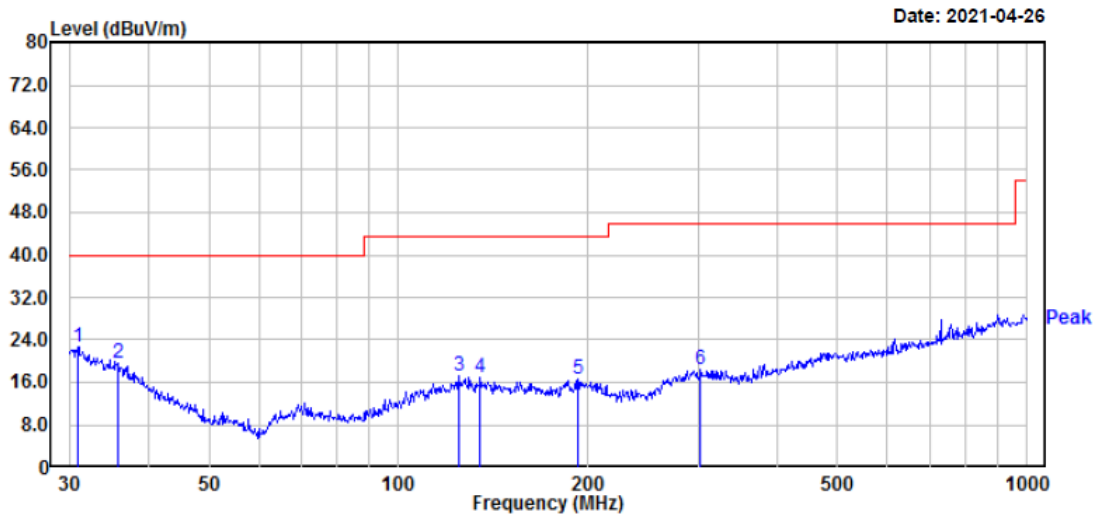


| Frequency (MHz) | Corrected Amplitude | | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|---------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| | MaxPeak (dBμV/m) | Average (dBμV/m) | | | | | | |
| 1067.600000 | --- | 27.32 | 54.00 | 26.68 | 200.0 | V | 47.0 | -12.1 |
| 1067.600000 | 36.13 | --- | 74.00 | 37.87 | 100.0 | H | 180.0 | -12.1 |
| 1251.300000 | 36.68 | --- | 74.00 | 37.32 | 200.0 | V | 239.0 | -10.9 |
| 1251.300000 | --- | 27.66 | 54.00 | 26.34 | 100.0 | H | 137.0 | -10.9 |
| 1338.400000 | --- | 30.01 | 54.00 | 23.99 | 100.0 | V | 42.0 | -10.4 |
| 1338.800000 | 36.00 | --- | 74.00 | 38.00 | 100.0 | V | 312.0 | -10.4 |
| 1527.700000 | --- | 28.26 | 54.00 | 25.74 | 100.0 | H | 62.0 | -9.3 |
| 1527.700000 | 38.93 | --- | 74.00 | 35.07 | 200.0 | H | 137.0 | -9.3 |
| 1692.400000 | --- | 29.81 | 54.00 | 24.19 | 200.0 | V | 305.0 | -8.7 |
| 1692.400000 | 39.22 | --- | 74.00 | 34.78 | 100.0 | H | 94.0 | -8.7 |
| 1875.600000 | --- | 28.81 | 54.00 | 25.19 | 100.0 | H | 201.0 | -8.1 |
| 1875.600000 | 38.37 | --- | 74.00 | 35.63 | 200.0 | H | 303.0 | -8.1 |

Test mode2:

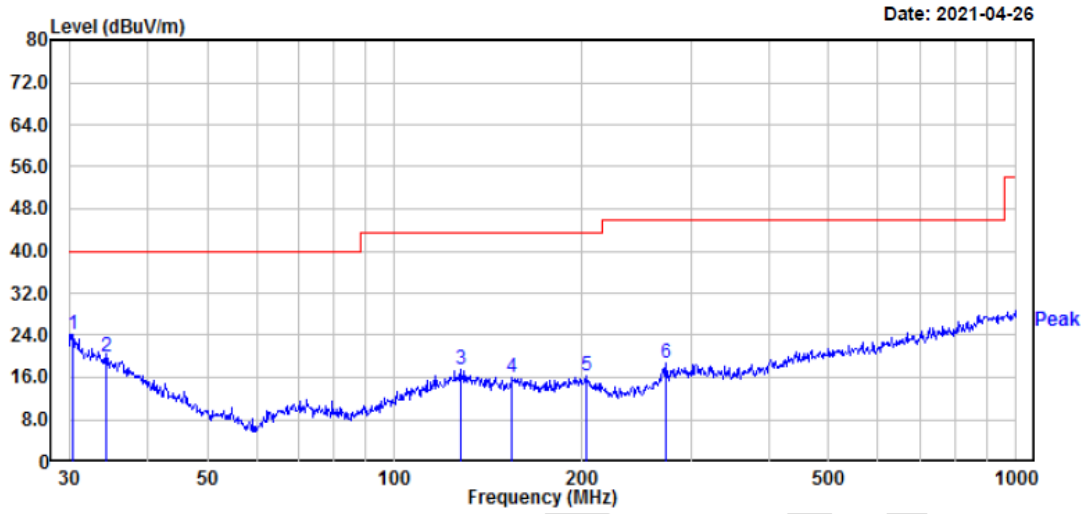
1) Below 1 GHz (120V):

Horizontal:



| | Read Freq | Read Level | Factor | Level | Limit Line | Over Limit | APos | TPos | Remark |
|---|-----------|------------|--------|--------|------------|------------|------|------|--------|
| | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | cm | deg | |
| 1 | 30.96 | 27.68 | -4.91 | 22.77 | 40.00 | -17.23 | 100 | 204 | Peak |
| 2 | 35.75 | 28.02 | -8.28 | 19.74 | 40.00 | -20.26 | 200 | 88 | Peak |
| 3 | 124.57 | 27.95 | -10.85 | 17.10 | 43.50 | -26.40 | 100 | 321 | Peak |
| 4 | 135.03 | 28.18 | -11.25 | 16.93 | 43.50 | -26.57 | 200 | 319 | Peak |
| 5 | 193.09 | 27.88 | -11.42 | 16.46 | 43.50 | -27.04 | 100 | 56 | Peak |
| 6 | 302.48 | 26.95 | -8.64 | 18.31 | 46.00 | -27.69 | 200 | 316 | Peak |

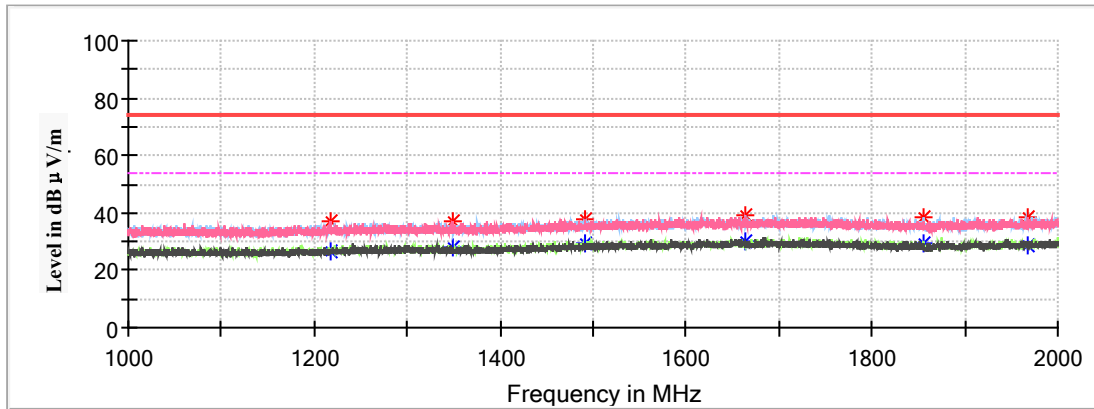
Vertical:



| | Read Freq | Read Level | Factor | Level | Limit Line | Over Limit | APos | TPos | Remark |
|---|-----------|------------|--------|--------|------------|------------|------|------|--------|
| | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | cm | deg | |
| 1 | 30.42 | 28.70 | -4.54 | 24.16 | 40.00 | -15.84 | 100 | 69 | Peak |
| 2 | 34.40 | 27.22 | -7.32 | 19.90 | 40.00 | -20.10 | 100 | 75 | Peak |
| 3 | 127.66 | 28.44 | -10.91 | 17.53 | 43.50 | -25.97 | 100 | 63 | Peak |
| 4 | 154.82 | 27.76 | -11.74 | 16.02 | 43.50 | -27.48 | 100 | 241 | Peak |
| 5 | 203.52 | 27.79 | -11.37 | 16.42 | 43.50 | -27.08 | 100 | 359 | Peak |
| 6 | 274.19 | 28.69 | -10.06 | 18.63 | 46.00 | -27.37 | 100 | 204 | Peak |

2) Above 1 GHz:

Full Spectrum



| Frequency (MHz) | Corrected Amplitude | | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|---------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| | MaxPeak (dBμV/m) | Average (dBμV/m) | | | | | | |
| 1218.300000 | --- | 26.89 | 54.00 | 27.11 | 200.0 | V | 151.0 | -11.1 |
| 1218.300000 | 37.22 | --- | 74.00 | 36.78 | 200.0 | V | 151.0 | -11.1 |
| 1350.100000 | --- | 28.00 | 54.00 | 26.00 | 200.0 | V | 0.0 | -10.3 |
| 1350.100000 | 37.36 | --- | 74.00 | 36.64 | 200.0 | V | 0.0 | -10.3 |
| 1490.500000 | --- | 29.03 | 54.00 | 24.97 | 100.0 | V | 2.0 | -9.5 |
| 1490.500000 | 37.59 | --- | 74.00 | 36.41 | 200.0 | V | 74.0 | -9.5 |
| 1664.400000 | --- | 30.24 | 54.00 | 23.76 | 100.0 | H | 199.0 | -8.8 |
| 1664.400000 | 39.24 | --- | 74.00 | 34.76 | 100.0 | H | 199.0 | -8.8 |
| 1856.500000 | 38.61 | --- | 74.00 | 35.39 | 200.0 | H | 7.0 | -8.2 |
| 1856.500000 | --- | 29.43 | 54.00 | 24.57 | 200.0 | H | 298.0 | -8.2 |
| 1967.200000 | --- | 28.83 | 54.00 | 25.17 | 100.0 | V | 275.0 | -7.8 |
| 1967.200000 | 38.21 | --- | 74.00 | 35.79 | 100.0 | V | 275.0 | -7.8 |

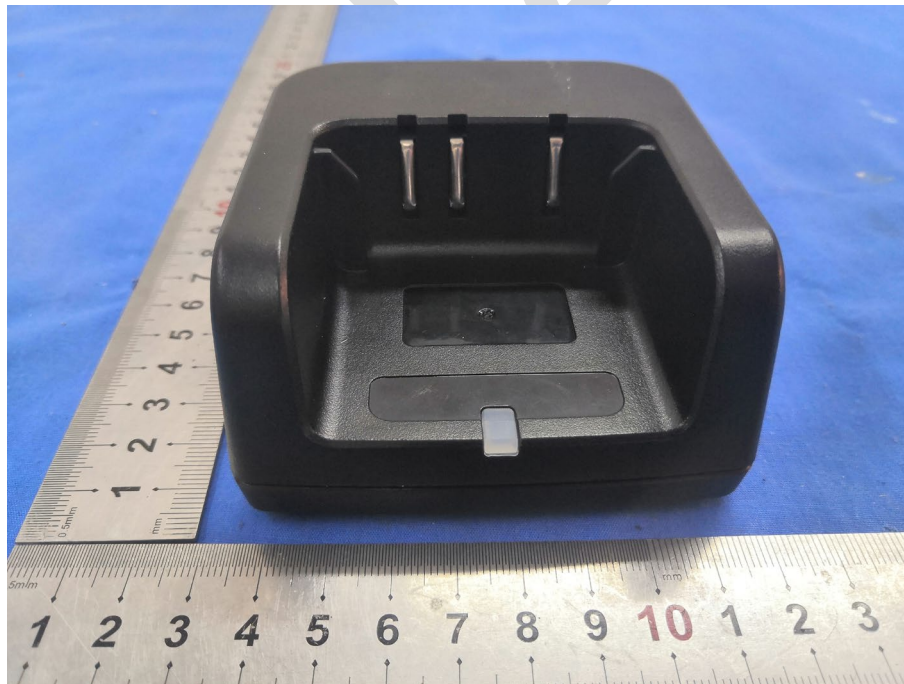
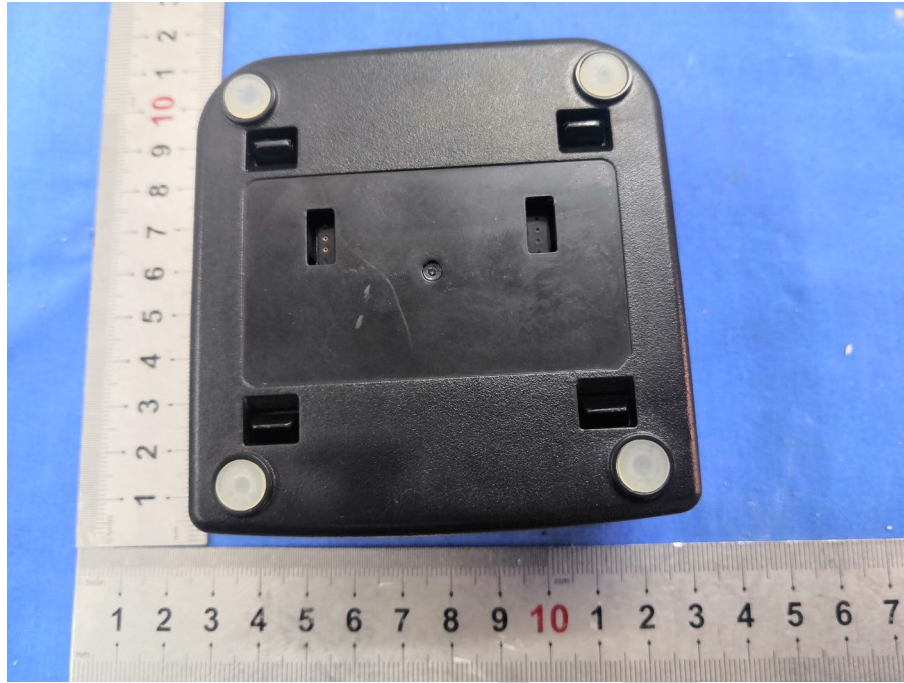
EXHIBIT A - EUT PHOTOGRAPHS

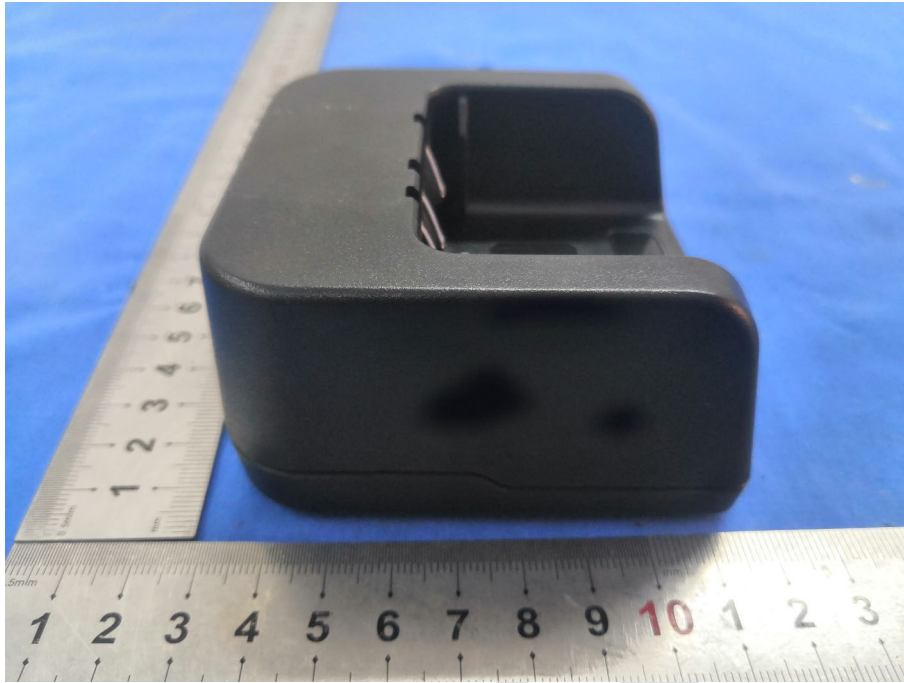


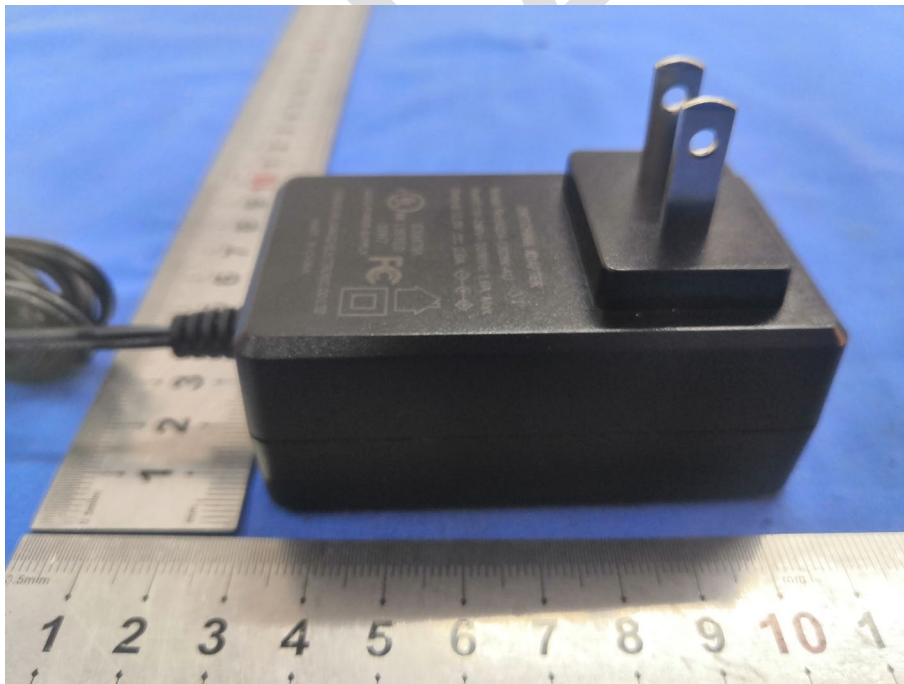


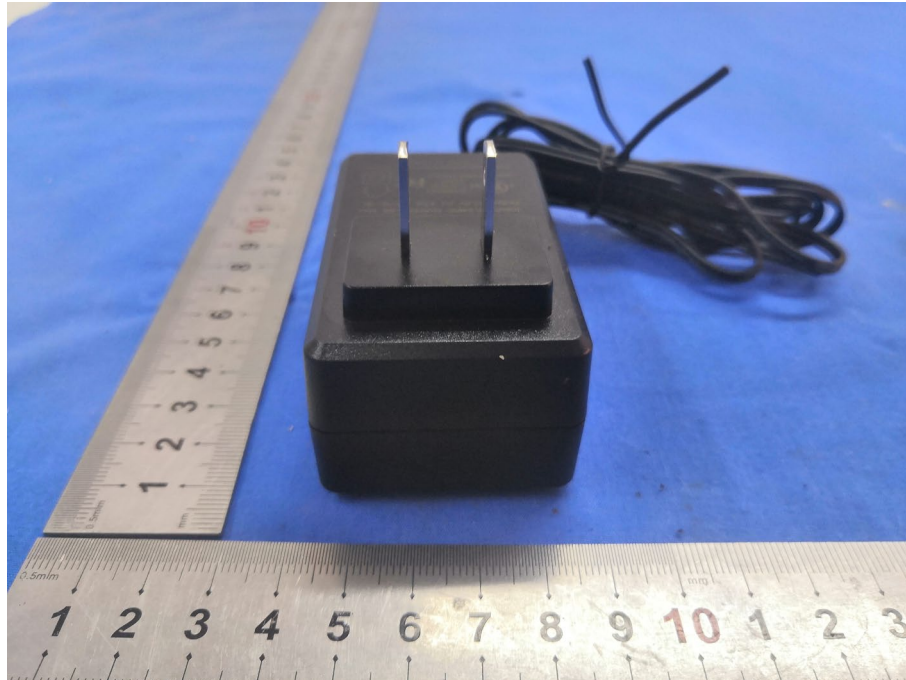




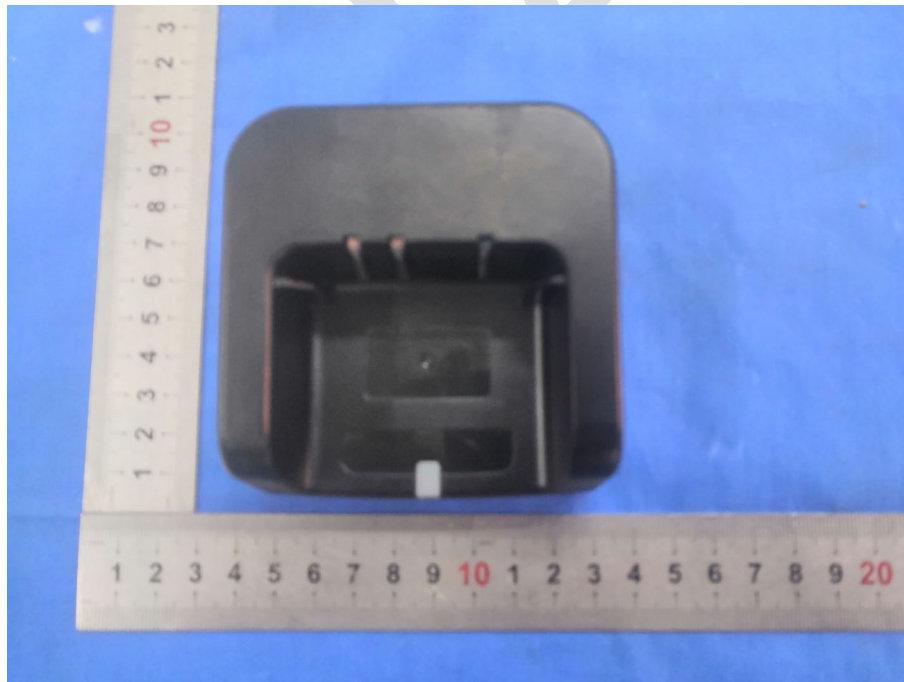


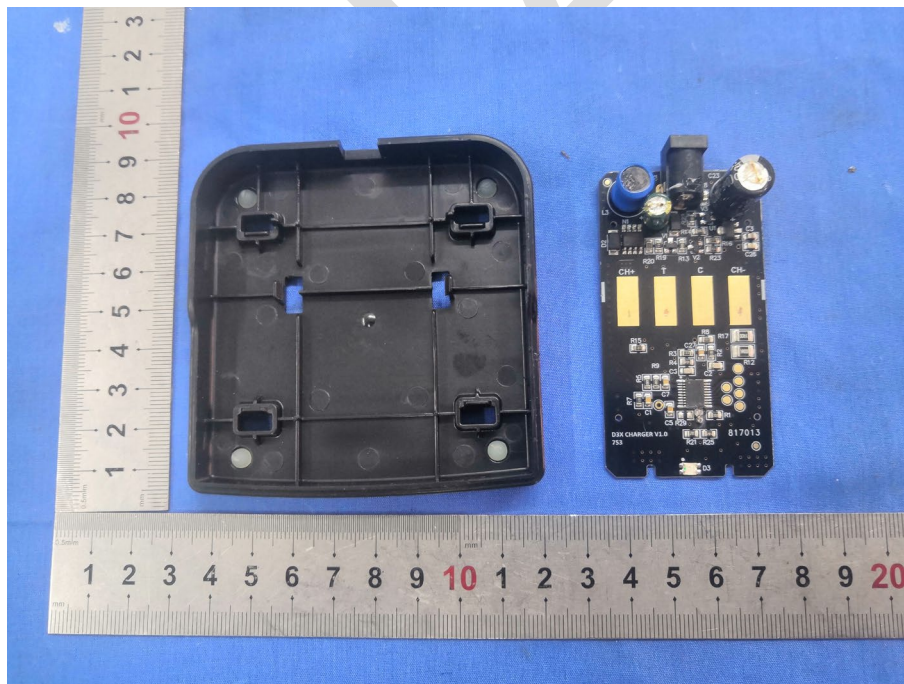
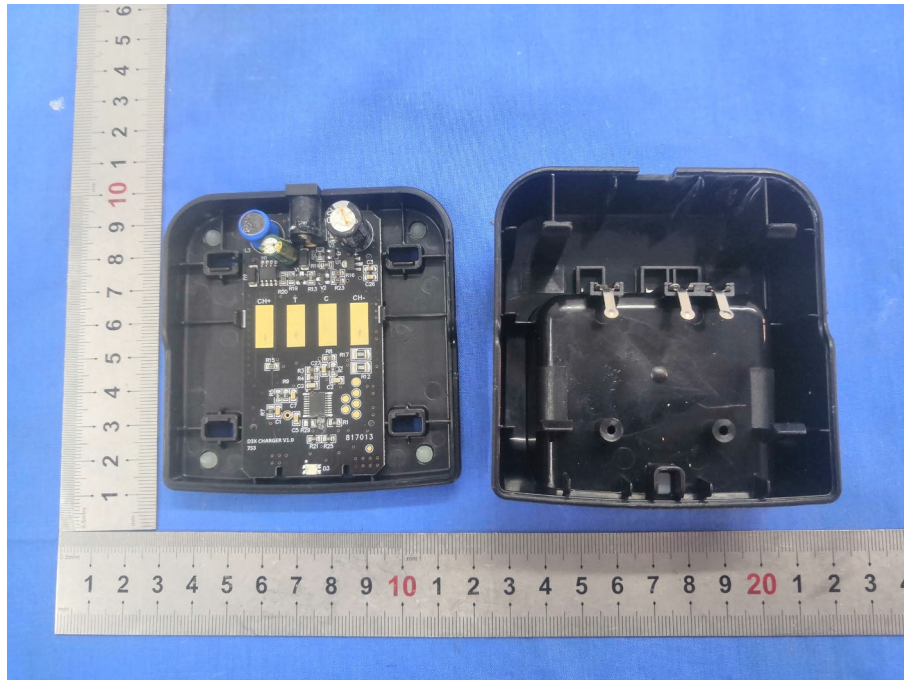


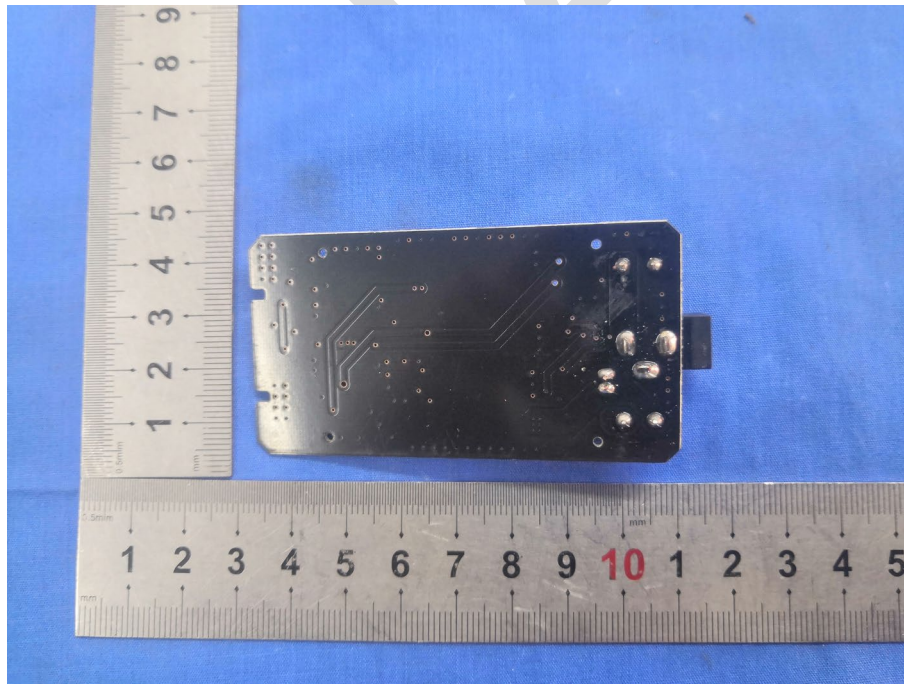
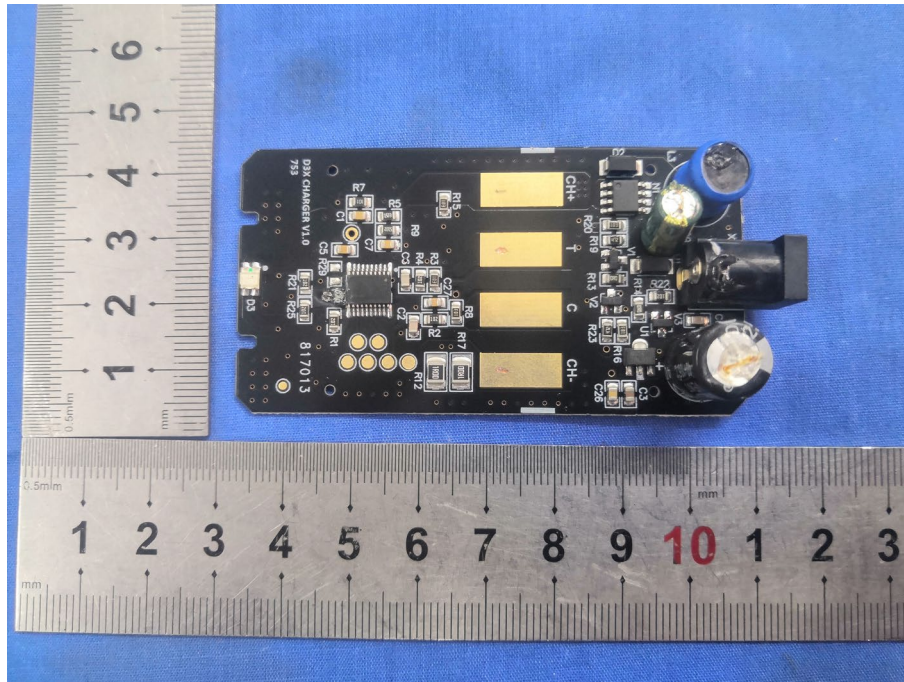




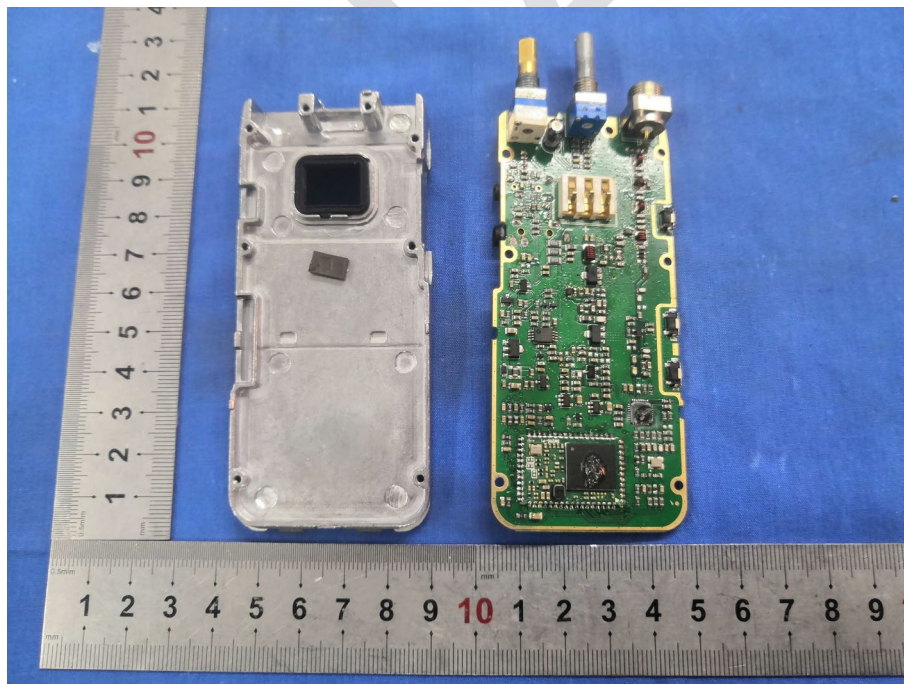












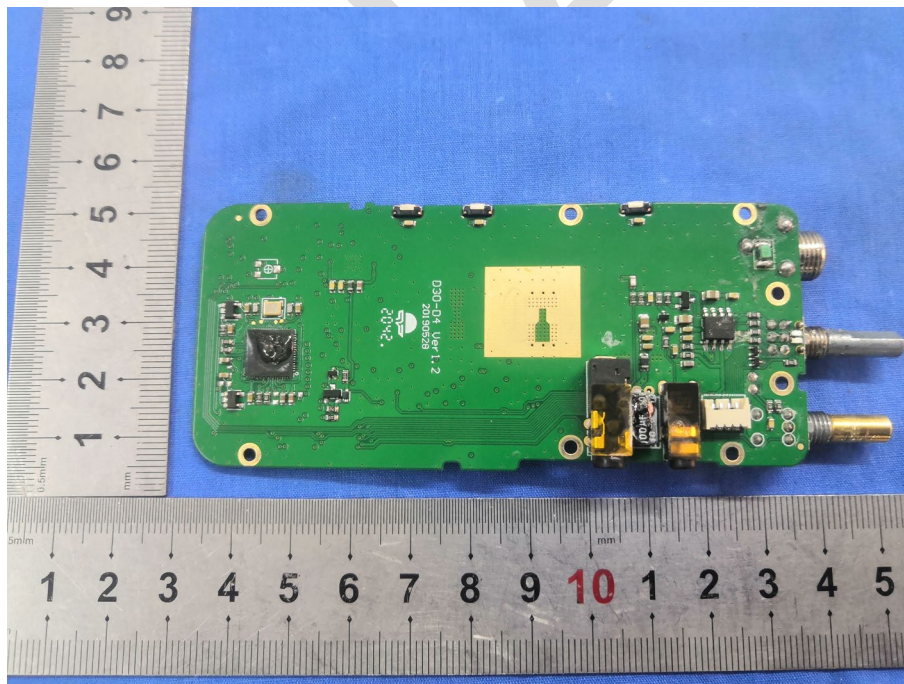
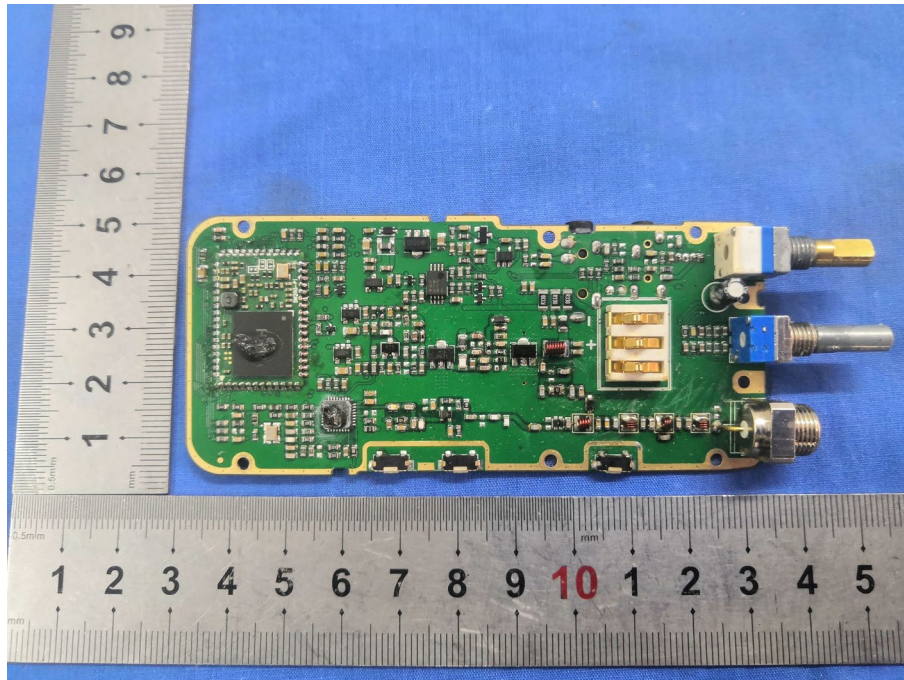


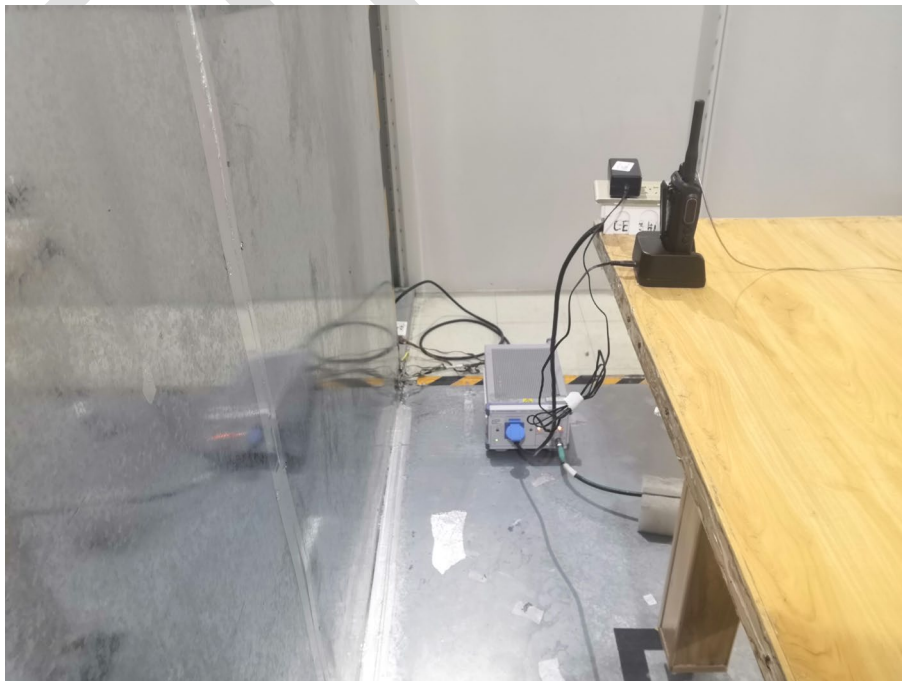
EXHIBIT B - TEST SETUP PHOTOGRAPHS

Test model:

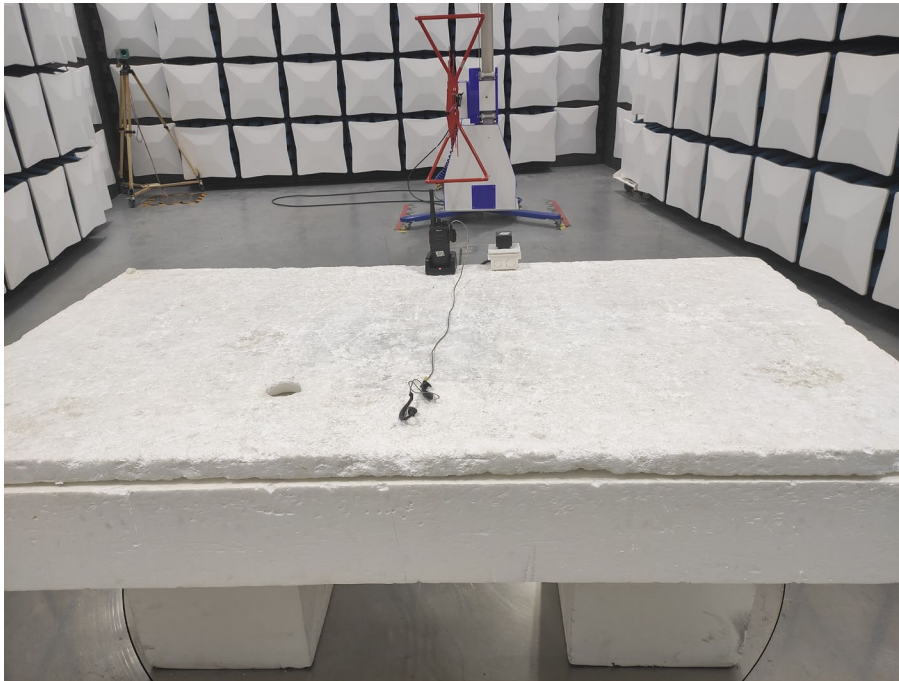
Conducted Emissions - Front Side



Conducted Emissions - Left Side



Radiated Emissions Front Side (Below 1 GHz)



Radiated Emissions Rear Side (Below 1 GHz)



Radiated Emissions Rear Side (Above 1 GHz)

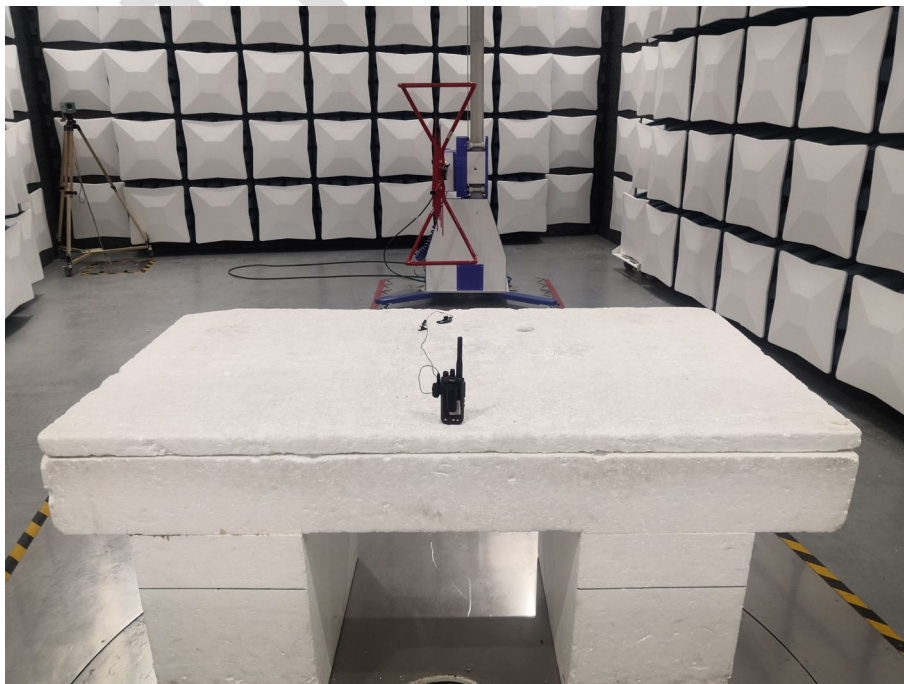


Test mode2:

Radiated Emissions Front Side (Below 1 GHz)



Radiated Emissions Rear Side (Below 1 GHz)



Radiated Emissions Rear Side (Above 1 GHz)



FIM

Declarations

- 1: BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with an asterisk '*'. Customer model name, addresses, names, trademarks etc. are not considered data.
- 2: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
- 3: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
- 4: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.
- 5: This report cannot be reproduced except in full, without prior written approval of the Company.
- 6: This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

PRODUCT SIMILARITY DECLARATION LETTER

Quanshun Communication And Technology Co., Ltd
 ADD: Quanshun Bldg., Daxiamei, Nan'an, Quanzhou, Fujian, China 362302
 TEL: (86 595) 86753355
 FAX: (86 595) 86758299
 Mail Address: roger@qstx.com

Declaration of Similarity

(Current Date:2021-04-14)

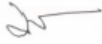
To Whom it may Concern,

We Quanshun Communication And Technology Co., Ltd, here declare that there are some differences between our multiple models and testing products. Details as below,

| | | | |
|-------------------------------|--|---|--|
| <i>Products Description</i> | <i>Name</i> | <i>DMR Digital Portable Radio</i> | |
| | <i>Brand</i> | <i>Talkpod</i> | |
| | <i>Manufacturer</i> | <i>Quanshun Communication And Technology Co., Ltd</i> | |
| <i>Difference Description</i> | | | |
| <i>Testing Products</i> | <i>Multiple Models</i> | <i>Differences</i> | <i>Details</i> |
| <i>D30</i> | <i>D3X, D33,D35, D36,D37,D38,D39</i> | <i>Model Name</i> | <i>All are the same but model name for different marketing and customers</i> |

Besides the differences in the table above, we declare the products are identical. We guarantee all the information provided above is true, and notice that we'll bear all the consequences caused by any false information or concealing.

Sincerely Yours,

Signature: 

Printed Name: Roger Chen

Title: Manager

*****END OF REPORT*****