





EMC TEST REPORT

Applicant Honor Device Co., Ltd.

FCC ID 2AYGCTFY-LX3

Product Smart Phone

Model TFY-LX3

Report No. R2206A0587-E1

Issue Date July 14, 2022

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in FCC Code CFR47 Part15B (2021)/ ANSI C63.4-2014). The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Prepared by: Liu Wei

Approved by: Fan Guangchang

Fan Guangchang

TA Technology (Shanghai) Co., Ltd.

Building 3, No.145, Jintang Rd, Tangzhen Industry Park, Pudong Shanghai, China TEL: +86-021-50791141/2/3 FAX: +86-021-50791141/2/3-8000



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Summary of measurement results

| Number | Test Case | Clause in FCC Rules | Conclusion |
|--------|--------------------|---------------------------------|------------|
| 1 | Radiated Emission | FCC Part15.109, ANSI C63.4-2014 | PASS |
| 2 | Conducted Emission | FCC Part15.107, ANSI C63.4-2014 | PASS |

Date of Testing: June 30, 2022 ~ July 4, 2022 Date of Sample Received: June 28, 2022

Note: All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.





Test Laboratory

Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of TA technology (shanghai) co., Ltd. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

Test facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

1.3 Testing Location

TA Technology (Shanghai) Co., Ltd. Company:

Building 3, No.145, Jintang Rd, Tangzhen Industry Park, Pudong Shanghai,

Address: China

City: Shanghai

Post code: 201201

Country: P. R. China

Contact: Fan Guangchang

Telephone: +86-021-50791141/2/3

Fax: +86-021-50791141/2/3-8000

Website: http://www.ta-shanghai.com

E-mail: fanguangchang@ta-shanghai.com



2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

| Applicant | Honor Device Co., Ltd. | | | |
|----------------------|--|--|--|--|
| Applicant address | Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China | | | |
| Manufacturer | Honor Device Co., Ltd. | | | |
| Manufacturer address | Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China | | | |

Report No.: R2206A0587-E1

2.2 General information

| | EUT De | escription | | | | | |
|------------------------|------------------------------|---------------------|---------------|--|--|--|--|
| Device Type | Portable Device | | | | | | |
| Model | TFY-LX3 | | | | | | |
| SN | AGNN6R2615000010 | | | | | | |
| HW Version | HL6TFYM | | | | | | |
| SW Version | 4.2.0.149(C605E1R2P1) | | | | | | |
| Power Rating | DC 3.87V from battery or [| DC 5V from Adapter. | | | | | |
| Connecting I/O Port(s) | Please refer to the User's I | Manual. | | | | | |
| Antenna Type | Internal Antenna | | | | | | |
| | Band | Tx (MHz) | Rx (MHz) | | | | |
| | GSM 850 | 824 ~ 849 | 869 ~ 894 | | | | |
| | GSM 1900 | 1850 ~ 1910 | 1930 ~ 1990 | | | | |
| | WCDMA Band II | 1850 ~ 1910 | 1930 ~ 1990 | | | | |
| | WCDMA Band IV | 1710 ~ 1755 | 2110 ~ 2155 | | | | |
| | WCDMA Band V | 824 ~ 849 | 869 ~ 894 | | | | |
| | LTE Band 2 | 1850 ~ 1910 | 1930 ~ 1990 | | | | |
| | LTE Band 4 | 1710 ~ 1755 | 2110 ~ 2155 | | | | |
| | LTE Band 5 | 824 ~ 849 | 869 ~ 894 | | | | |
| Frequency | LTE Band 7 | 2500 ~ 2570 | 2620 ~ 2690 | | | | |
| | LTE Band 13 | 777 ~ 787 | 746 ~ 756 | | | | |
| | LTE Band 26 | 824 ~ 849 | 869 ~ 894 | | | | |
| | LTE Band 38 | 2570 ~ 2620 | 2570 ~ 2620 | | | | |
| | LTE Band 66 | 1710 ~ 1780 | 2110 ~ 2180 | | | | |
| | Bluetooth | 2400 ~ 2483.5 | 2400 ~ 2483.5 | | | | |
| | Wi-Fi 2.4G | 2400 ~ 2483.5 | 2400 ~ 2483.5 | | | | |
| | Wi-Fi 5G(U-NII-1) 5150 ~ 52 | | 5150 ~ 5250 | | | | |
| | Wi-Fi 5G(U-NII-2A) | 5250 ~ 5350 | 5250 ~ 5350 | | | | |
| | Wi-Fi 5G(U-NII-2C) | 5470 ~ 5725 | 5470 ~ 5725 | | | | |

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| Wi-Fi 5G(U-NII-3) | 5725 ~ 5850 | 5725 ~ 5850 |
|-------------------|-------------|-------------|
| FM | 1 | 87.5 ~ 108 |

| EUT Accessory | | | | | | |
|--------------------------|-------------------------|---|-----|--|--|--|
| Accessory | Model | Manufacture | No. | | | |
| | HW-100225E00 | Honor Device Co., Ltd. | 1 | | | |
| | 1100-100223000 | (Manufacturer:Huntkey) | ' | | | |
| | HW-100225U00 | Honor Device Co., Ltd. | 2 | | | |
| | 1100-100223000 | (Manufacturer:Huntkey) | | | | |
| Adapter | HW-100225B00 | Honor Device Co., Ltd. | 3 | | | |
| Adapter | 1100-100223000 | (Manufacturer:Huntkey) | 3 | | | |
| | HN-100225E00 | Honor Device Co., Ltd. | 4 | | | |
| | 1114-100225200 | (Manufacturer: Salcomp) | 7 | | | |
| | HN-100225U00 | Honor Device Co., Ltd. | 5 | | | |
| | 1114-100225000 | (Manufacturer: Salcomp) | 3 | | | |
| | HB416492EFW | Honor Device Co., Ltd. | 1 | | | |
| | | (Manufacturer: Sunwoda Electronic Co.,LTD) | | | | |
| Battery | | Honor Device Co., Ltd. | 2 | | | |
| Dattery | | (Manufacturer: Dongguan NVT Technology Co., Ltd) | | | | |
| | | Honor Device Co., Ltd. | 3 | | | |
| | | (Manufacturer: SCUD (Fujian) Electronics Co., LTD.) | | | | |
| | MEND1532B528A11 | Jiangxi Lianchuang Hongsheng Electronic Co., LTD. | 1 | | | |
| | 1293-3283-3.5mm-339 | BOLUO COUNTY QUANCHENG ELECTRONIC | 2 | | | |
| Earphone | 1293-3263-3.5111111-339 | CO.,LTD. | | | | |
| | EPAB542-2WH05-DH | FOXCONN INTERCONNECT TECHNOLOGY | 3 | | | |
| | LFAD342-2VVII03-DIT | LIMITED | 3 | | | |
| | RY0002 | NingBo Broad Telecommunication Co., Ltd. | 1 | | | |
| | AU2-CRO013HF | Freeport Resources Enterprises Corp. | 2 | | | |
| USB Cable | 2120-00001-0 | MING JI ELECTRONICS CO., LTD. | 3 | | | |
| USD Cable | L125UC007-CS-H | LUXSHARE PRECISION INDUSTRY CO., LTD. | 4 | | | |
| | CUDUOAD LICAGA ELL | FOXCONN INTERCONNECT TECHNOLOGY | _ | | | |
| | CUDU01B-HC451-EH | LIMITED | 5 | | | |
| Auxiliary test equipment | | | | | | |

Auxiliary test equipment

PC Manufacturer: Microsoft Corporation PC Model: L20170076

Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.

2. There are more than one Adapter, Battery, Earphone and USB Cable, each one should be applied throughout the compliance test respectively, however, only the worst case (Adapter 1, Battery 2, Earphone 1 and USB Cable 3) will be recorded in this report.



2.3 Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards FCC Code CFR47 Part15B (2021) ANSI C63.4-2014





2.4 Test Mode

| Test Mode | Test Mode | | | | | | | |
|---|---|--|--|--|--|--|--|--|
| Mode 1: | Adapter +USB cable+ earphone + Front camera On +GNSS Rx + GSM/WCDMA/LTE/ Bluetooth/ WLAN receiver | | | | | | | |
| Mode 2: | Adapter +USB cable+ earphone + Front camera On +GNSS Rx + GSM/WCDMA/LTE/ Bluetooth/ WLAN Traffic | | | | | | | |
| Mode 3: | Adapter +USB cable+ earphone + Rear camera On +GNSS Rx + GSM/WCDMA/LTE/ Bluetooth/ WLAN receiver | | | | | | | |
| Mode4: | Adapter +USB cable+ earphone + Rear camera On +GNSS Rx + GSM/WCDMA/LTE/ Bluetooth/ WLAN Traffic | | | | | | | |
| Mode 5: | Adapter + USB cable + earphone + Mp4 | | | | | | | |
| Mode 6: | Adapter + USB cable + earphone + GSM/WCDMA/LTE/GNSS/ Bluetooth/ WLAN receiver | | | | | | | |
| Mode 7: | Adapter + USB cable + earphone + GSM/WCDMA/LTE/GNSS/ Bluetooth/ WLAN Traffic | | | | | | | |
| Mode 8: | USB Copy(EUT with PC) + USB cable + earphone | | | | | | | |
| Mode 9: | Front Camera On +earphone + GNSS Rx + GSM/WCDMA/LTE/GPS/ Bluetooth/ WLAN receiver | | | | | | | |
| Mode 10: | Front Camera On +earphone + GNSS Rx + GSM/WCDMA/LTE/GPS/ Bluetooth/ WLAN Traffic | | | | | | | |
| Mode 11: | Rear camera On +earphone + GNSS Rx + GSM/WCDMA/LTE/GPS/ Bluetooth/ WLAN receiver | | | | | | | |
| Mode 12: | Rear camera On +earphone + GNSS Rx + GSM/WCDMA/LTE/GPS/ Bluetooth/ WLAN Traffic | | | | | | | |
| Mode 13: | Earphone + MP4 | | | | | | | |
| Mode 14: Earphone + GNSS Rx + GSM/WCDMA/LTE/ Bluetooth/ WLAN receiver | | | | | | | | |
| Mode 15: Earphone + GNSS Rx + GSM/WCDMA/LTE/ Bluetooth/ WLAN Traffic | | | | | | | | |
| Mode 16: | FM | | | | | | | |

During the test, the preliminary test was performed in all modes with all adapters, USB and batteries, mode 8 and mode16 is selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Test Case Results

3.1 **Radiated Emission**

Ambient condition

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 15°C~35°C | 30%~60% | 101.5kPa |

Methods of Measurement

The EUT is placed on a non-metallic table 0.8m above the horizontal metal reference ground plane. The distance between EUT and receive antenna should be 3 meters. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.4-2014. Sweep the whole frequency band through the range from 30MHz to the 5th harmonic of the carrier. During the test, the height of receive antenna shall be moved from 1 to 4 meters, and the antenna shall be performed under horizontal and vertical polarization. The turn table shall be rotated from 0 to 360 degrees for detecting the maximum of radiated signal level.

The data of cable loss and antenna factor has been calibrated in full testing frequency range before the testing. During the test, the EUT is worked at maximum output power.

Set the spectrum analyzer in the following:

Below 1GHz:

RBW=100 kHz / VBW=300 kHz / Sweep=AUTO

Above 1GHz:

- PEAK Detector: RBW=1MHz / VBW=3MHz/ Sweep=AUTO
- (b) AVERAGE Detector: RBW=1MHz / VBW=3MHz / Sweep=AUTO

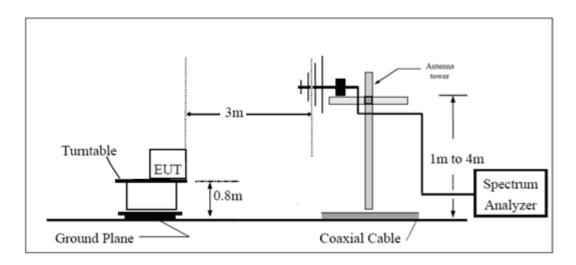
The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the worst case was recorded.

During the test, EUT is connected to a laptop via a USB cable in the case of Transfer Data mode. The EUT is used as the peripheral equipment of the PC. The data is transferred from EUT to PC; PC is connected to server via a long LAN cable.

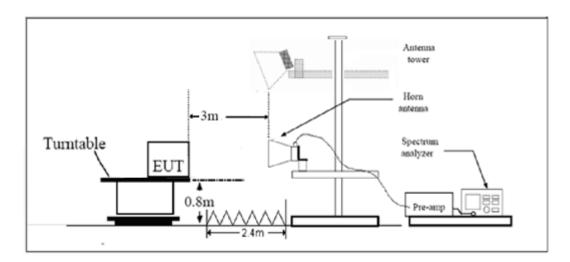


Test Setup

Below 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

Antenna Tower meets ANSI C63.4 requirements for measurements above 1 GHz by keeping the antenna aimed at the EUT during the antenna's ascent/ descent along the antenna mast.

Limits

Class B

| Frequency (MHz) | Field Strength (dBµV/m) | Detector |
|--|----------------------------|------------|
| 30 -88 | 40.0 | Quasi-peak |
| 88-216 | 43.5 | Quasi-peak |
| 216 – 960 | 46.0 | Quasi-peak |
| 960-1000 | 54.0 | Quasi-peak |
| 1000-5 th harmonic of the highest | 54 | Average |
| frequency or 40GHz, which is lower | 74 | Peak |

Measurement Uncertainty

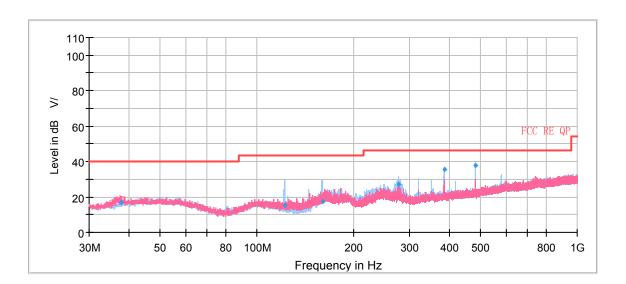
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96.

| Frequency | Uncertainty |
|----------------|-------------|
| 30MHz~200MHz | 4.17 dB |
| 200MHz~1000MHz | 4.84 dB |
| 1GHz~18GHz | 4.35 dB |

Test Results

Sweep the whole frequency band through the range from 30MHz to the 5th harmonic of the carrier.

The following graphs display the maximum values of horizontal and vertical by software. For above 1GHz, Blue trace uses the peak detection, Green trace uses the average detection. A font (Level in dB $\mbox{V/}$)in the test plot =(level in dB $\mbox{µ}$ V/m)

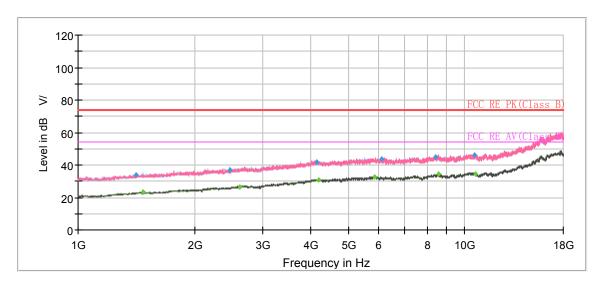


Radiated Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) |
|--------------------|------------------------|-------------------|----------------|-------------|--------------|---------------|---------------------------|
| 37.68 | 17.06 | 100.0 | V | 120.00 | 19 | 22.94 | 40.00 |
| 122.21 | 15.37 | 110.0 | Н | 169.00 | 16 | 28.13 | 43.50 |
| 160.16 | 17.34 | 207.0 | Н | 47.00 | 15 | 26.16 | 43.50 |
| 277.81 | 27.04 | 110.0 | Н | 58.00 | 20 | 18.96 | 46.00 |
| 383.99 | 35.81 | 100.0 | Н | 355.00 | 23 | 10.19 | 46.00 |
| 479.98 | 37.63 | 100.0 | Н | 262.00 | 24 | 8.37 | 46.00 |

Remark: 1. Correction Factor = Antenna factor + Insertion loss(cable loss+amplifier gain)

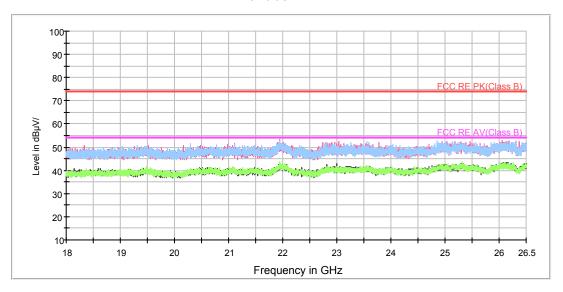
2. Margin = Limit – Quasi-Peak



Radiated Emission from 1GHz to 18GHz

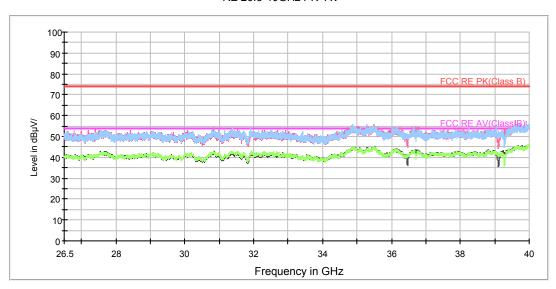
| Frequency (MHz) | Peak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) |
|--------------------|------------------|---------------------|-------------------|----------------|-------------|--------------|---------------|---------------------------|
| 1414.33 | 34.12 | | 74.00 | 39.88 | 100.0 | Н | 251.00 | -16 |
| 1472.84 | | 23.46 | 54.00 | 30.54 | 200.0 | Н | 355.00 | -16 |
| 2468.16 | 37.09 | | 74.00 | 36.91 | 200.0 | Н | 323.00 | -11 |
| 2614.65 | | 26.56 | 54.00 | 27.44 | 200.0 | V | 40.00 | -10 |
| 4138.57 | 41.95 | | 74.00 | 32.05 | 100.0 | V | 351.00 | -3 |
| 4194.73 | | 30.97 | 54.00 | 23.03 | 200.0 | Н | 252.00 | -3 |
| 5856.41 | | 32.60 | 54.00 | 21.40 | 100.0 | V | 113.00 | 0 |
| 6084.44 | 43.93 | | 74.00 | 30.07 | 200.0 | V | 188.00 | 0 |
| 8419.20 | 45.08 | | 74.00 | 28.92 | 200.0 | Н | 313.00 | 3 |
| 8542.00 | | 34.53 | 54.00 | 19.47 | 100.0 | Н | 118.00 | 4 |
| 10623.54 | 46.21 | | 74.00 | 27.79 | 100.0 | V | 304.00 | 5 |
| 10673.79 | | 34.70 | 54.00 | 19.30 | 200.0 | V | 204.00 | 5 |

RE 18-26.5GHz PK+AV

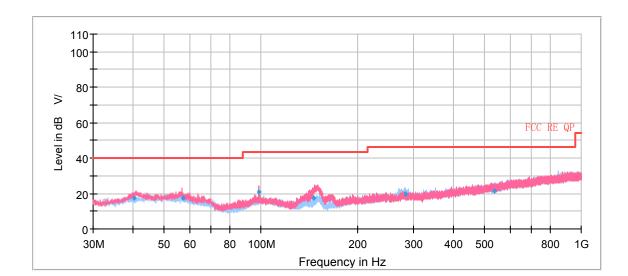


Radiated Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV



Radiated Emission from 26.5GHz to 40GHz



Radiated Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) |
|--------------------|------------------------|-------------------|----------------|-----------------------|-------------|--------------|---------------|---------------------------|
| 40.33 | 17.67 | 40.00 | 22.33 | 1000.00 | 100.0 | V | 212.00 | 20 |
| 57.00 | 17.55 | 40.00 | 22.45 | 1000.00 | 100.0 | V | 34.00 | 20 |
| 98.81 | 20.99 | 43.50 | 22.51 | 1000.00 | 100.0 | V | 338.00 | 19 |
| 146.85 | 17.60 | 43.50 | 25.90 | 1000.00 | 100.0 | V | 173.00 | 15 |
| 283.40 | 19.55 | 46.00 | 26.45 | 1000.00 | 110.0 | Н | 66.00 | 20 |
| 535.83 | 21.46 | 46.00 | 24.54 | 1000.00 | 207.0 | Н | 320.00 | 25 |

Remark: 1. Correction Factor = Antenna factor + Insertion loss(cable loss+amplifier gain)

2. Margin = Limit – Quasi-Peak

3.2 Conducted Emission

Ambient condition

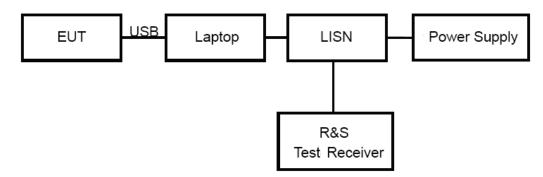
| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 15°C~35°C | 30%~60% | 101.5kPa |

Methods of Measurement

The EUT is placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.4-2014. Connect the AC power line of the EUT to the L.I.S.N. Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9 kHz, VBW is set to 30kHz. The measurement result should include both L line and N line.

During the test, EUT is connected to a laptop via a USB cable in the case of Transfer Data mode. The EUT is used as the peripheral equipment of the PC. The data is transferred from EUT to PC; PC is connected to server via a long LAN cable.

Test Setup



Note: Power Supply is AC Power source and it is used to change the voltage 120V/60Hz.

Limits

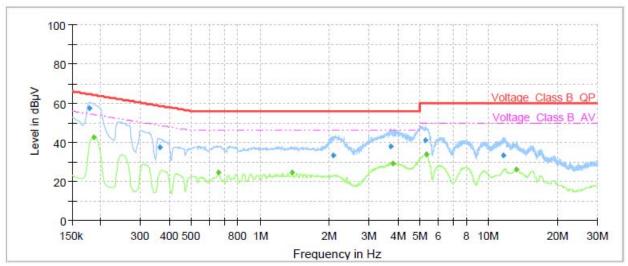
| Frequency | Conducted Limits(dBμV) | | | | | | |
|--|------------------------|-----------------------|--|--|--|--|--|
| (MHz) | Quasi-peak | Average | | | | | |
| 0.15 - 0.5 | 66 to 56 * | 56 to 46 [*] | | | | | |
| 0.5 - 5 | 56 | 46 | | | | | |
| 5 - 30 | 60 | 50 | | | | | |
| * Decreases with the logarithm of the frequency. | | | | | | | |

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96. U= 2.57 dB.

Test Results

Following plots, Blue trace uses the peak detection; Green trace uses the average detection.



| Frequency (MHz) | QuasiPeak (dΒμV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|--------------------|---------------------|-------------------|-----------------|----------------|-----------------------|--------------------|------|--------|---------------|
| 0.18 | 57.67 | | 64.52 | 6.85 | 1000.00 | 9.000 | L1 | ON | 21 |
| 0.19 | | 42.61 | 54.21 | 11.60 | 1000.00 | 9.000 | L1 | ON | 21 |
| 0.36 | 37.49 | | 58.64 | 21.15 | 1000.00 | 9.000 | L1 | ON | 21 |
| 0.66 | | 24.56 | 46.00 | 21.44 | 1000.00 | 9.000 | L1 | ON | 20 |
| 1.38 | | 24.47 | 46.00 | 21.53 | 1000.00 | 9.000 | L1 | ON | 20 |
| 2.09 | 33.55 | | 56.00 | 22.45 | 1000.00 | 9.000 | L1 | ON | 20 |
| 3.71 | 37.96 | | 56.00 | 18.04 | 1000.00 | 9.000 | L1 | ON | 19 |
| 3.83 | | 29.36 | 46.00 | 16.64 | 1000.00 | 9.000 | L1 | ON | 19 |
| 5.29 | 41.19 | | 60.00 | 18.81 | 1000.00 | 9.000 | L1 | ON | 19 |
| 5.32 | | 33.63 | 50.00 | 16.37 | 1000.00 | 9.000 | L1 | ON | 19 |
| 11.55 | 33.50 | | 60.00 | 26.50 | 1000.00 | 9.000 | L1 | ON | 20 |
| 13.22 | | 25.99 | 50.00 | 24.01 | 1000.00 | 9.000 | L1 | ON | 20 |

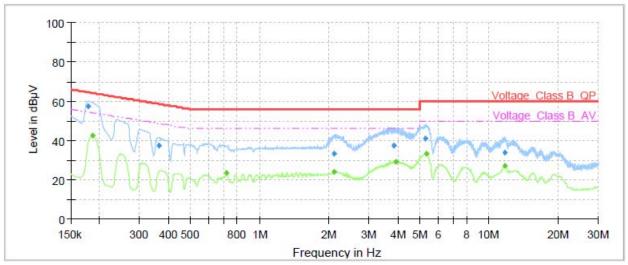
Remark: Correct factor=cable loss + LISN factor

L line

Conducted Emission from 150 KHz to 30 MHz

TA Technology (Shanghai) Co., Ltd.

TA-MB-06-001E

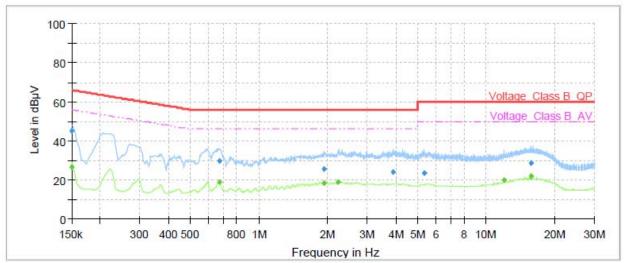


| Frequency (MHz) | QuasiPeak (dΒμV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|--------------------|---------------------|-------------------|-----------------|----------------|-----------------------|--------------------|------|--------|---------------|
| 0.18 | 57.57 | | 64.52 | 6.95 | 1000.00 | 9.000 | N | ON | 21 |
| 0.19 | | 42.36 | 54.21 | 11.85 | 1000.00 | 9.000 | N | ON | 21 |
| 0.36 | 37.49 | | 58.64 | 21.15 | 1000.00 | 9.000 | N | ON | 21 |
| 0.72 | | 23.60 | 46.00 | 22.40 | 1000.00 | 9.000 | N | ON | 20 |
| 2.11 | | 23.94 | 46.00 | 22.06 | 1000.00 | 9.000 | N | ON | 20 |
| 2.12 | 33.53 | | 56.00 | 22.47 | 1000.00 | 9.000 | N | ON | 20 |
| 3.84 | 37.60 | | 56.00 | 18.40 | 1000.00 | 9.000 | N | ON | 19 |
| 3.95 | | 29.14 | 46.00 | 16.86 | 1000.00 | 9.000 | N | ON | 19 |
| 5.30 | 41.02 | | 60.00 | 18.98 | 1000.00 | 9.000 | N | ON | 19 |
| 5.32 | | 33.28 | 50.00 | 16.72 | 1000.00 | 9.000 | N | ON | 19 |
| 11.71 | 34.00 | | 60.00 | 26.00 | 1000.00 | 9.000 | N | ON | 20 |
| 11.78 | | 27.11 | 50.00 | 22.89 | 1000.00 | 9.000 | N | ON | 20 |

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz



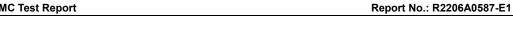


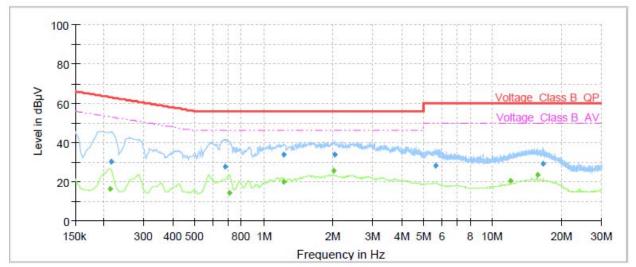
| Frequency (MHz) | QuasiPeak (dΒμV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|--------------------|---------------------|-------------------|-----------------|----------------|-----------------------|--------------------|------|--------|---------------|
| 0.15 | | 26.88 | 56.00 | 29.12 | 1000.00 | 9.000 | L1 | ON | 21 |
| 0.15 | 44.91 | | 66.00 | 21.09 | 1000.00 | 9.000 | L1 | ON | 21 |
| 0.67 | | 19.16 | 46.00 | 26.84 | 1000.00 | 9.000 | L1 | ON | 20 |
| 0.67 | 29.82 | | 56.00 | 26.18 | 1000.00 | 9.000 | L1 | ON | 20 |
| 1.93 | | 18.71 | 46.00 | 27.29 | 1000.00 | 9.000 | L1 | ON | 20 |
| 1.94 | 25.83 | | 56.00 | 30.17 | 1000.00 | 9.000 | L1 | ON | 20 |
| 2.23 | | 18.74 | 46.00 | 27.26 | 1000.00 | 9.000 | L1 | ON | 19 |
| 3.91 | 24.04 | | 56.00 | 31.96 | 1000.00 | 9.000 | L1 | ON | 19 |
| 5.31 | 23.73 | | 60.00 | 36.27 | 1000.00 | 9.000 | L1 | ON | 19 |
| 11.98 | | 19.95 | 50.00 | 30.05 | 1000.00 | 9.000 | L1 | ON | 20 |
| 15.79 | | 21.80 | 50.00 | 28.20 | 1000.00 | 9.000 | L1 | ON | 20 |
| 15.79 | 28.47 | | 60.00 | 31.53 | 1000.00 | 9.000 | L1 | ON | 20 |

Remark: Correct factor=cable loss + LISN factor

L line

Conducted Emission from 150 KHz to 30 MHz





| Frequency (MHz) | QuasiPeak (dΒμV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|--------------------|---------------------|-------------------|-----------------|----------------|-----------------------|--------------------|------|--------|---------------|
| 0.21 | | 16.30 | 53.09 | 36.79 | 1000.00 | 9.000 | N | ON | 21 |
| 0.22 | 30.48 | | 63.00 | 32.52 | 1000.00 | 9.000 | N | ON | 21 |
| 0.67 | 27.74 | | 56.00 | 28.26 | 1000.00 | 9.000 | N | ON | 20 |
| 0.71 | | 14.18 | 46.00 | 31.82 | 1000.00 | 9.000 | N | ON | 20 |
| 1.22 | | 19.98 | 46.00 | 26.02 | 1000.00 | 9.000 | N | ON | 20 |
| 1.23 | 33.73 | | 56.00 | 22.27 | 1000.00 | 9.000 | N | ON | 20 |
| 2.02 | | 25.43 | 46.00 | 20.57 | 1000.00 | 9.000 | N | ON | 20 |
| 2.04 | 33.64 | | 56.00 | 22.36 | 1000.00 | 9.000 | N | ON | 20 |
| 5.66 | 27.96 | | 60.00 | 32.04 | 1000.00 | 9.000 | N | ON | 19 |
| 11.98 | | 20.40 | 50.00 | 29.60 | 1000.00 | 9.000 | N | ON | 20 |
| 15.79 | | 23.44 | 50.00 | 26.56 | 1000.00 | 9.000 | N | ON | 20 |
| 16.61 | 29.47 | | 60.00 | 30.53 | 1000.00 | 9.000 | N | ON | 20 |

Remark: Correct factor=cable loss + LISN factor

Conducted Emission from 150 KHz to 30 MHz



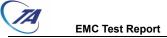


4 Main Test Instruments

| Name of Equipment | Manufacturer | Type/Model | Serial Number | Calibration Date | Expiration Time | | | | |
|--------------------------|--------------|-----------------|------------------|---------------------|--------------------|--|--|--|--|
| Radiated Emission | | | | | | | | | |
| EMI Test Receiver | R&S | ESCI7 | 100936 | 2021-12-12 | 2022-12-11 | | | | |
| Signal Analyzer | R&S | FSV40 | 100816 | 2021-12-12 | 2022-12-11 | | | | |
| Signal Analyzer | R&S | FSV30 | 103591 | 2021-12-12 | 2022-12-11 | | | | |
| TRILOG Broadband Antenna | SCHWARZBECK | 9163 | 391 | 2020-05-05 | 2023-05-04 | | | | |
| Horn Antenna | Schwarzbeck | BBHA 9120D | 430 | 2021-07-26 | 2024-07-25 | | | | |
| Software | R&S | EMC32 | 9.26.01 | 1 | / | | | | |
| | Cond | ducted Emission | | | | | | | |
| Artificial main network | R&S | ENV216 | 102191 | 2020-12-13 | 2022-12-12 | | | | |
| EMI Test Receiver | R&S | ESR | 101667 | 2022-05-25 | 2023-05-24 | | | | |
| Software | R&S | EMC32 | 10.35.10 | 1 | 1 | | | | |

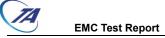
Report No.: R2206A0587-E1

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



ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.