





# **EMC TEST REPORT**

**Applicant** Xiaomi Communications Co., Ltd.

FCC ID 2AFZZ1119DG

**Product** Mobile Phone

**Brand** Redmi

**Model** 21061119DG

**Report No.** R2106A0482-E1

**Issue Date** August 2, 2021

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in FCC Code CFR47 Part15B (2020)/ 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.

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# **Summary of measurement results**

Report No.: R2106A0482-E1

| 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: July 1, 2021 ~ July 24, 2021 Date of Sample Received: June 22, 2021

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.



1 Test Laboratory

### 1.1 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.

## 1.2 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

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

Address: No.145, Jintang Rd, Tangzhen Industry Park, Pudong Shanghai, China

City: Shanghai

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# 2 General Description of Equipment under Test

# 2.1 Applicant and Manufacturer Information

| Applicant            | Xiaomi Communications Co., Ltd.   |  |  |  |  |
|----------------------|---|--|--|--|--|
| Applicant address    | #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085 |  |  |  |  |
| Manufacturer         | Xiaomi Communications Co., Ltd.   |  |  |  |  |
| Manufacturer address | #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085 |  |  |  |  |

## 2.2 General information

|                                 | EUT               | Description  |               |  |  |  |  |
|---------------------------------|-------------------|--|---------------|--|--|--|--|
| Device Type                     | Portable Device   |  |               |  |  |  |  |
| Model                           | 21061119DG        |  |               |  |  |  |  |
| IMEI                            |                   | IMEI 1: 868393050035963<br>IMEI 2: 868393050035971 |               |  |  |  |  |
| HW Version                      | P1.1              |  |               |  |  |  |  |
| SW Version                      | MIUI12.5          |  |               |  |  |  |  |
| Antenna Type                    | PIFA Antenna      |  |               |  |  |  |  |
| Memory 4G+64G; 6G+128G; 4G+128G |                   |  |               |  |  |  |  |
|                                 | 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   |  |  |  |  |
| Frequency                       | LTE Band 5        | 824 ~ 849  | 869 ~ 894     |  |  |  |  |
|                                 | LTE Band 7        | 2500 ~ 2570  | 2620 ~ 2690   |  |  |  |  |
|                                 | LTE Band 38       | 2570 ~ 2620  | 2570 ~ 2620   |  |  |  |  |
|                                 | LTE Band 41       | 2535 ~ 2655  | 2535 ~ 2655   |  |  |  |  |
|                                 | Bluetooth         | 2400 ~ 2483.5                                      | 2400 ~ 2483.5 |  |  |  |  |
|                                 | WIFI 2.4G         | 2400 ~ 2483.5                                      | 2400 ~ 2483.5 |  |  |  |  |
|                                 | WIFI 5G(U-NII-1)  | 5150 ~ 5250  | 5150 ~ 5250   |  |  |  |  |
|                                 | WIFI 5G(U-NII-2A) | 5250 ~ 5350  | 5250 ~ 5350   |  |  |  |  |

TA Technology (Shanghai) Co., Ltd.

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Report No.: R2106A0482-E1 WIFI 5G(U-NII-2C) 5470 ~ 5725 5470 ~ 5725 5725 ~ 5850 WIFI 5G(U-NII-3) 5725 ~ 5850 NFC 13.56 13.56 Auxiliary test equipment PC Manufacturer: Dell PC Model: E5430 (SN: R98M9 A02) Manufacturer: Xiaomi Communications Co., Ltd. Phone Model: 21061119DG (SN: BG123S001010) Note: The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.



## 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 (2020) ANSI C63.4 (2014)



## 2.4 Test Mode

| Test Mode |   |  |  |  |  |
|-----------|---|--|--|--|--|
| Mode 1    | Adapter +USB cable+ earphone + Front camera On          |  |  |  |  |
| Mode 2    | Adapter +USB cable+ earphone + Rear camera On           |  |  |  |  |
| Mode 3    | Adapter + USB cable + earphone + Mp4                    |  |  |  |  |
| Mode 4    | Adapter + USB cable + earphone + Bluetooth WLAN Traffic |  |  |  |  |
| Mode 5    | USB Copy(EUT with PC) + USB cable + earphone            |  |  |  |  |
| Mode 6    | Front Camera On +earphone                               |  |  |  |  |
| Mode 7    | Earphone + MP4  |  |  |  |  |
| Mode 8    | Rear camera On +earphone                                |  |  |  |  |
| Mode 9    | earphone + Bluetooth WLAN Traffic                       |  |  |  |  |
| Mode 10   | Adapter +USB cable+ Front camera On                     |  |  |  |  |
| Mode 11   | Adapter +USB cable+ Rear camera On                      |  |  |  |  |
| Mode 12   | PHONE(100%ELECTRIC QUANTITY)+ REVERSE CHARGE+PHONE      |  |  |  |  |
| Wode 12   | LOAD((100%ELECTRIC QUANTITY)                            |  |  |  |  |
| Mode 13   | PHONE(100%ELECTRIC QUANTITY)+ REVERSE CHARGE+PHONE      |  |  |  |  |
| WOUE 13   | LOAD((50%ELECTRIC QUANTITY)                             |  |  |  |  |
| Mode 14   | PHONE(100%ELECTRIC QUANTITY)+ REVERSE CHARGE+PHONE      |  |  |  |  |
| WOUE 14   | LOAD((10%ELECTRIC QUANTITY)                             |  |  |  |  |

During the test, the preliminary test was performed in all modes with all adapters, USB and batteries, mode 5 is selected as the worst condition, except mode 14 was selected as the worst mode for Reverse charge. The test data of the worst-case condition was recorded in this report.



### 3 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:

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

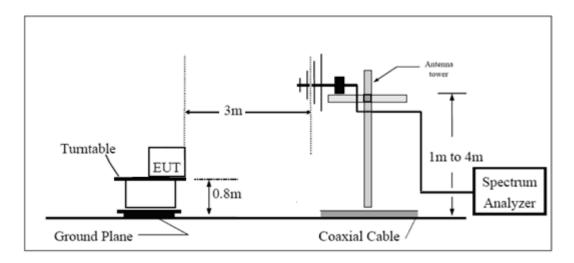
The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the worst case was recorded.

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.

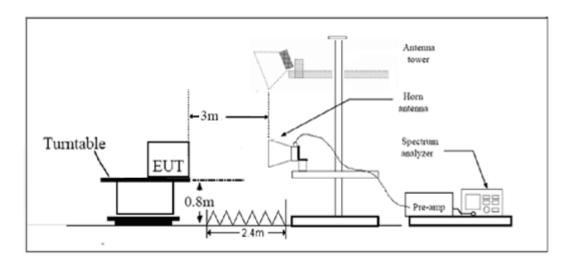


**Test Setup** 

#### **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<br>(MHz)                           | Field Strength<br>(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 <sup>th</sup> 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.

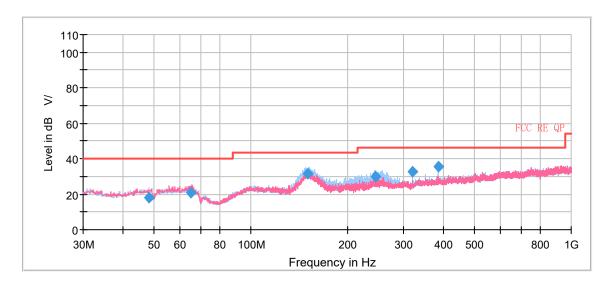
| Frequency      | Uncertainty |
|----------------|-------------|
| 30MHz~200MHz   | 4.17 dB     |
| 200MHz~1000MHz | 4.84 dB     |
| 1GHz~18GHz     | 4.35 dB     |
| 18GHz~26.5GHz  | 5.90 dB     |
| 26.5GHz~40GHz  | 5.92 dB     |



#### **Test Results**

Sweep the whole frequency band through the range from 30MHz to the 5th harmonic of the carrier, the Emissions in the frequency band 18GHz –40GHz is more than 20dB below the limit are not reported.

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 $\mu$ V/) in the test plot =(level in dB  $\mu$  V/m)

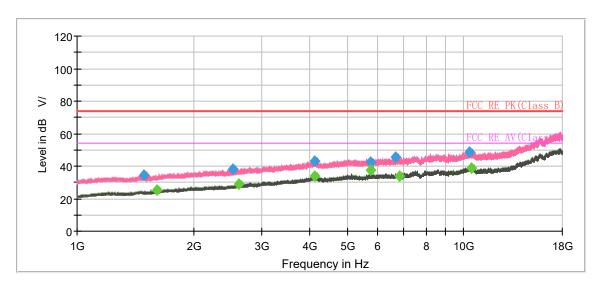


Radiated Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak<br>(dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct<br>Factor (dB) | Margin<br>(dB) | Limit<br>(dBuV/m) |
|-----------------|------------------------|-------------|--------------|---------------|------------------------|----------------|-------------------|
| 48.32           | 18.11                  | 225.0       | Н            | 280.0         | -5.1                   | 21.89          | 40.00             |
| 64.93           | 20.83                  | 100.0       | V            | 13.0          | -7.0                   | 19.17          | 40.00             |
| 151.11          | 31.54                  | 185.0       | Н            | 305.0         | -9.8                   | 11.96          | 43.50             |
| 245.27          | 29.77                  | 110.0       | Н            | 116.0         | -4.4                   | 16.23          | 46.00             |
| 320.00          | 32.93                  | 100.0       | Н            | 70.0          | -3.2                   | 13.07          | 46.00             |
| 384.01          | 35.36                  | 100.0       | Н            | 191.0         | -1.6                   | 10.64          | 46.00             |

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

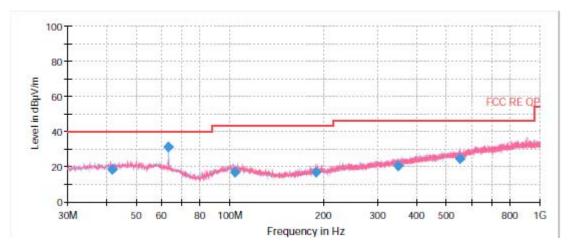
2. Margin = Limit – Quasi-Peak



Radiated Emission from 1GHz to 18GHz

| Frequency<br>(MHz) | MaxPeak<br>(dB μ V/m) | Average<br>(dB μ V/m) | Limit<br>(dB µ V/m) | Margin<br>(dB) | Height (cm) | Pol | Azimuth (deg) | Corr.<br>(dB/m) |
|--------------------|-----------------------|-----------------------|---------------------|----------------|-------------|-----|---------------|-----------------|
| 1487.90            | 34.53                 |                       | 74.00               | 39.47          | 100.0       | Н   | 137.0         | -15.6           |
| 1608.60            |                       | 25.24                 | 54.00               | 28.76          | 200.0       | V   | 120.0         | -15.0           |
| 2524.90            | 38.09                 |                       | 74.00               | 35.91          | 200.0       | V   | 17.0          | -10.5           |
| 2617.27            |                       | 28.85                 | 54.00               | 25.15          | 100.0       | V   | 158.0         | -9.9            |
| 4116.10            | 42.94                 |                       | 74.00               | 31.06          | 100.0       | V   | 188.0         | -3.1            |
| 4128.00            |                       | 33.79                 | 54.00               | 20.21          | 200.0       | V   | 234.0         | -3.2            |
| 5746.97            | 42.57                 |                       | 74.00               | 31.43          | 100.0       | Н   | 42.0          | -0.4            |
| 5760.00            |                       | 37.62                 | 54.00               | 16.38          | 100.0       | V   | 166.0         | -0.4            |
| 6657.03            | 45.25                 |                       | 74.00               | 28.75          | 200.0       | Н   | 166.0         | 0.4             |
| 6807.77            |                       | 33.68                 | 54.00               | 20.32          | 200.0       | Н   | 0.0           | 0.6             |
| 10325.07           | 48.61                 |                       | 74.00               | 25.39          | 200.0       | Н   | 89.0          | 5.7             |
| 10504.70           |                       | 39.03                 | 54.00               | 14.97          | 200.0       | Н   | 326.0         | 5.7             |

## Reverse charging

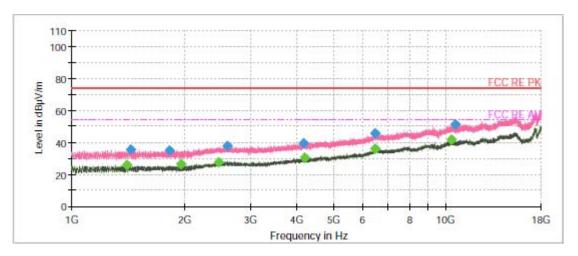


Radiated Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak<br>(dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct<br>Factor (dB) | Margin<br>(dB) | Limit<br>(dBuV/m) |
|-----------------|------------------------|-------------|--------------|---------------|------------------------|----------------|-------------------|
| 41.676250       | 18.49                  | 180.0       | V            | 200.0         | 13.8                   | 21.51          | 40.00             |
| 63.465000       | 31.08                  | 221.0       | Н            | 198.0         | 12.4                   | 8.92           | 40.00             |
| 103.713750      | 17.01                  | 125.0       | V            | 260.0         | 13.1                   | 26.49          | 43.50             |
| 189.365000      | 16.99                  | 105.0       | V            | 243.0         | 12.3                   | 26.51          | 43.50             |
| 349.492500      | 20.55                  | 225.0       | Н            | 200.0         | 16.5                   | 25.45          | 46.00             |
| 553.316250      | 24.53                  | 225.0       | V            | 327.0         | 20.1                   | 21.47          | 46.00             |

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

<sup>2.</sup> Margin = Limit - Quasi-Peak



Radiated Emission from 1GHz to 18GHz

| Frequency<br>(MHz) | MaxPeak<br>(dB μ V/m) | Average<br>(dB µ V/m) | Limit<br>(dB µ V/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth (deg) | Corr.<br>(dB/m) |
|--------------------|-----------------------|-----------------------|---------------------|----------------|----------------|-----|---------------|-----------------|
| 1403.466667        |                       | 25.88                 | 54.00               | 28.12          | 200.0          | V   | 228.0         | -19.5           |
| 1434.066667        | 35.41                 |                       | 74.00               | 38.59          | 100.0          | Н   | 232.0         | -19.3           |
| 1827.333333        | 35.20                 |                       | 74.00               | 38.80          | 200.0          | Н   | 60.0          | -18.5           |
| 1954.266667        |                       | 26.62                 | 54.00               | 27.38          | 100.0          | V   | 61.0          | -18.4           |
| 2474.466667        |                       | 27.84                 | 54.00               | 26.16          | 100.0          | V   | 75.0          | -16.3           |
| 2601.400000        | 37.58                 |                       | 74.00               | 36.42          | 200.0          | V   | 358.0         | -16.1           |
| 4165.400000        | 39.56                 |                       | 74.00               | 34.44          | 200.0          | Н   | 4.0           | -12.7           |
| 4192.033333        |                       | 30.41                 | 54.00               | 23.59          | 200.0          | Н   | 171.0         | -12.7           |
| 6458.133333        |                       | 35.97                 | 54.00               | 18.03          | 200.0          | V   | 337.0         | -4.1            |
| 6488.166667        | 45.70                 |                       | 74.00               | 28.30          | 100.0          | Н   | 176.0         | -3.8            |
| 10363.600000       |                       | 41.81                 | 54.00               | 12.19          | 200.0          | Н   | 185.0         | -1.0            |
| 10606.700000       | 51.08                 |                       | 74.00               | 22.92          | 100.0          | Н   | 260.0         | -0.8            |



### 3.2 Conducted Emission

#### **Ambient condition**

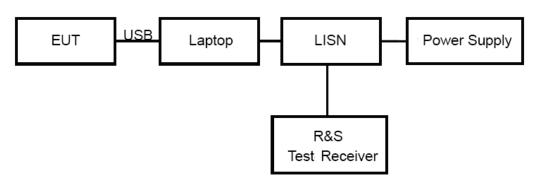
| Temperature | Relative humidity | Pressure |  |  |  |
|-------------|-------------------|----------|--|--|--|
| 15°C~35°C   | 30%~60%           | 101.5kPa |  |  |  |

#### **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

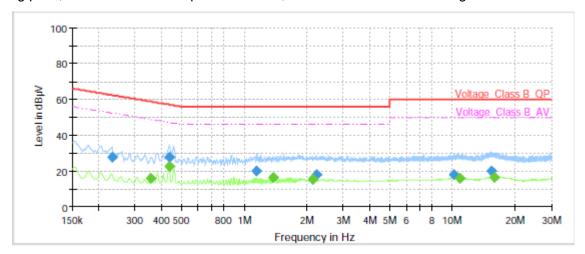
| Frequency  | Conducted Limits(dBµV) |           |  |  |  |  |
|--|------------------------|-----------|--|--|--|--|
| (MHz)  | Quasi-peak             | Average   |  |  |  |  |
| 0.15 - 0.5                                       | 66 to 56 *             | 56 to 46* |  |  |  |  |
| 0.5 - 5  | 56                     | 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.



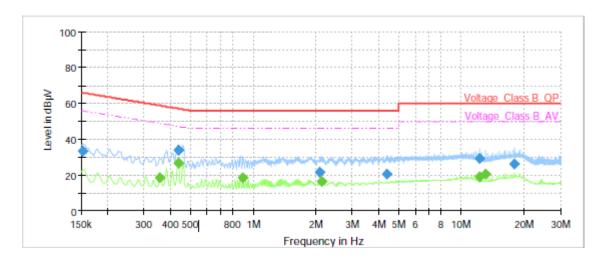
| Frequency<br>(MHz) | QuasiPeak<br>(dBµV) | Average<br>(dBµV) | Limit<br>(dBµV) | Margin<br>(dB) | Meas.<br>Time<br>(ms) | Bandwidth<br>(kHz) | Line | Filter | Corr.<br>(dB) |
|--------------------|---------------------|-------------------|-----------------|----------------|-----------------------|--------------------|------|--------|---------------|
| 0.23               | 27.73               | 1                 | 62.41           | 34.68          | 70.0                  | 9.000              | L1   | ON     | 21            |
| 0.36               |                     | 15.77             | 48.80           | 33.03          | 70.0                  | 9.000              | L1   | ON     | 21            |
| 0.44               |                     | 22.52             | 47.14           | 24.63          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 0.44               | 27.78               |                   | 57.10           | 29.32          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 1.15               | 19.84               |                   | 56.00           | 36.16          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 1.38               |                     | 16.33             | 46.00           | 29.67          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 2.12               |                     | 15.62             | 46.00           | 30.38          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 2.22               | 18.12               |                   | 56.00           | 37.88          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 10.20              | 18.00               |                   | 60.00           | 42.00          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 10.86              |                     | 16.08             | 50.00           | 33.92          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 15.42              | 19.78               |                   | 60.00           | 40.22          | 70.0                  | 9.000              | L1   | ON     | 20            |
| 15.97              |                     | 16.59             | 50.00           | 33.41          | 70.0                  | 9.000              | L1   | ON     | 20            |

Remark: Correct factor=cable loss + LISN factor

L line

Conducted Emission from 150 KHz to 30 MHz





| Frequency<br>(MHz) | QuasiPeak<br>(dΒμV) | Average<br>(dBµV) | Limit<br>(dBµV) | Margin<br>(dB) | Meas.<br>Time<br>(ms) | Bandwidth<br>(kHz) | Line | Filter | Corr.<br>(dB) |
|--------------------|---------------------|-------------------|-----------------|----------------|-----------------------|--------------------|------|--------|---------------|
| 0.15               | 33.15               |                   | 65.88           | 32.73          | 70.0                  | 9.000              | N    | ON     | 21            |
| 0.36               |                     | 18.43             | 48.80           | 30.37          | 70.0                  | 9.000              | N    | ON     | 21            |
| 0.44               |                     | 26.82             | 47.14           | 20.32          | 70.0                  | 9.000              | N    | ON     | 20            |
| 0.44               | 33.78               |                   | 57.14           | 23.36          | 70.0                  | 9.000              | N    | ON     | 20            |
| 0.89               |                     | 18.42             | 46.00           | 27.58          | 70.0                  | 9.000              | N    | ON     | 20            |
| 2.09               | 21.49               |                   | 56.00           | 34.51          | 70.0                  | 9.000              | Ν    | ON     | 20            |
| 2.12               |                     | 16.51             | 46.00           | 29.49          | 70.0                  | 9.000              | N    | ON     | 20            |
| 4.40               | 20.54               |                   | 56.00           | 35.46          | 70.0                  | 9.000              | N    | ON     | 19            |
| 12.25              | 29.08               |                   | 60.00           | 30.92          | 70.0                  | 9.000              | N    | ON     | 20            |
| 12.26              |                     | 19.04             | 50.00           | 30.96          | 70.0                  | 9.000              | Ν    | ON     | 20            |
| 13.07              |                     | 20.46             | 50.00           | 29.54          | 70.0                  | 9.000              | N    | ON     | 20            |
| 17.97              | 26.23               | -                 | 60.00           | 33.78          | 70.0                  | 9.000              | Ν    | ON     | 20            |

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz



## 4 Main Test Instruments

| Name                       | Manufacturer | Туре                  | Serial<br>Number | Calibration<br>Date | Expiration<br>Time |  |
|----------------------------|--------------|-----------------------|------------------|---------------------|--------------------|--|
| Spectrum<br>Analyzer       | R&S          | FSV40                 | 15195-01-<br>00  | 2021-05-15          | 2022-05-14         |  |
| EMI Test<br>Receiver       | R&S          | ESCI                  | 100948           | 2021-05-15          | 2022-05-14         |  |
| Trilog Antenna             | SCHWARZBECK  | VULB 9163             | 391              | 2019-12-16          | 2022-12-15         |  |
| Horn Antenna               | R&S          | HF907                 | 102723           | 2018-08-11          | 2021-08-10         |  |
| Horn Antenna               | ETS-Lindgren | 3160-09               | 00102644         | 2018-06-20          | 2023-06-19         |  |
| Standard Gain<br>Horn      | STEATITE     | QSH-SL-26-<br>40-K-15 | 16779            | 2019-12-24          | 2021-12-23         |  |
| EMI Test<br>Receiver       | R&S          | ESR                   | 101667           | 2021-05-16          | 2022-05-15         |  |
| LISN                       | R&S          | ENV216                | 101171           | 2018-12-15          | 2021-12-14         |  |
| Bore Sight<br>Antenna mast | ETS          | 2171B                 | 00058752         | 1                   | 1                  |  |
| Test software              | EMC32        | R&S                   | 9.26.0           | 1                   | 1                  |  |

\*\*\*\*\*\*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.