



EMC TEST REPORT

Applicant Nokia ShangHai Bell Co., Ltd.
FCC ID 2ADZRXS2426GB
Product Nokia ONT
Brand Nokia
Model XS-2426G-B
Report No. R2109A0800-E1V1
Issue Date December 17, 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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| Version | Revision description | Issue Date |
|---|--------------------------|--------------------|
| Rev.0 | Initial issue of report. | September 30, 2021 |
| Rev.1 | Update Applicant address | December 17, 2021 |
| Note: This revised report (Report No. R2109A0800-E1V1) supersedes and replaces the previously issued report (Report No. R2109A0800-E1). Please discard or destroy the previously issued report and dispose of it accordingly. | | |

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: August 24, 2021 ~ August 25, 2021 | | | |
| Date of Sample Received: August 24, 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.
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City: Shanghai
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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 | Nokia ShangHai Bell Co., Ltd. |
| Applicant address | No. 388, Ningqiao Rd. Pilot Free Trade Zone Shanghai China 201206 |
| Manufacturer | CIG SHANGHAI CO., LTD. |
| Manufacturer address | 5F, BUILDING 8, 2388 CHENHANG ROAD, MINHANG DISTRICT, SHANGHAI |

2.2 General information

| EUT Description | | | |
|------------------------|--|---------------|---------------|
| Device Type | Movable Device | | |
| Model | XS-2426G-B | | |
| Lab internal SN: | R2109A0800/S01 | | |
| HW Version | 3FE49546AB | | |
| SW Version | 3FE49544FJIL98 | | |
| Power Rating | DC 12V from Adapter. | | |
| Connecting I/O Port(s) | Please refer to the User's Manual. | | |
| Antenna Type | Internal Antenna | | |
| Frequency | Band | Tx (MHz) | Rx (MHz) |
| | 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 |
| | WIFI 5G(U-NII-2C) | 5470 ~ 5725 | 5470 ~ 5725 |
| | WIFI 5G(U-NII-3) | 5725 ~ 5850 | 5725 ~ 5850 |
| EUT Accessory | | | |
| Adapter 1 | Manufacturer: Dongguan Shilong Fuhua Electronic Co., Ltd. Model: UES36WU-120300SPA Input: 100-240V, 1A Output: 12.0V $\overline{\text{---}}$ 3.0A | | |
| Adapter 2 | Manufacturer: Honor Device Co., Ltd. Model: ADS-40FKJ-12 12036EPCU Input: 100-240V, 1A Output: 12.0V $\overline{\text{---}}$ 3.0A | | |

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, each one should be applied throughout the compliance test respectively, however, only the worst case (Adapter 1) will be recorded in this report.

Information of Configuration:

| No. | Name | Model/Code No. | Edition | Serial No. or Quantity |
|-----|----------------|------------------------|---------|------------------------|
| 1 | EMA-XS-2426G-B | 3FE49546AB | PEM2 | PEM 1 |
| 4 | Power adapter | UES36WU-120300SPA | A/0 | UE191205GWZF2RI 1 |
| 5 | Power adapter | ADS-40FKJ-12 12036EPCU | A/0 | 9040108111201202R 1 |

| ONT Mnemonic | Kit Code | EMA Code | Part Description | Power Adapter | |
|--------------|----------------|----------------|--|-----------------------|---------------------------|
| XS-2426G-B | 3FE49542A B | 3FE49546A B | XS-2426G-B,US Plug,XGS PON,2xPOTS, 3xGE+1x2,5GE,4 x4 + 4x4 11ax,1xUSB3.0 | UES36WU-120300S PA | ADS-40FKJ-12 12036EPCU |

Auxiliary equipment details

| No. | Name | Brand name | Model | ASB code | Valid Until |
|-----|---------|------------|-------|----------|------------------|
| 1 | BIGTAO | Xinertel | N.A | - | No Cal. Required |
| 2 | MiniOLT | Nokia | N.A | - | No Cal. Required |
| 3 | PC | HP | N.A | - | No Cal. Required |
| 4 | PC | Thinkpad | N.A | - | No Cal. Required |
| 5 | PC | Thinkpad | N.A | - | No Cal. Required |

Information of Ports

| No. | Port name | Number | Shielded or unshielded | Cable type (optic, twisted pair, etc.) | Max. Cable length |
|-----|-----------|--------|------------------------|--|-------------------|
| 1 | AC port | 1 | Unshielded | / | / |
| 2 | GE | 3 | Unshielded | / | / |
| 3 | 2.5GE | 1 | Unshielded | / | / |
| 4 | POTS | 2 | Unshielded | / | / |
| 5 | USB | 1 | shielded | / | / |

2.3 Applied Standards

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

Test standards

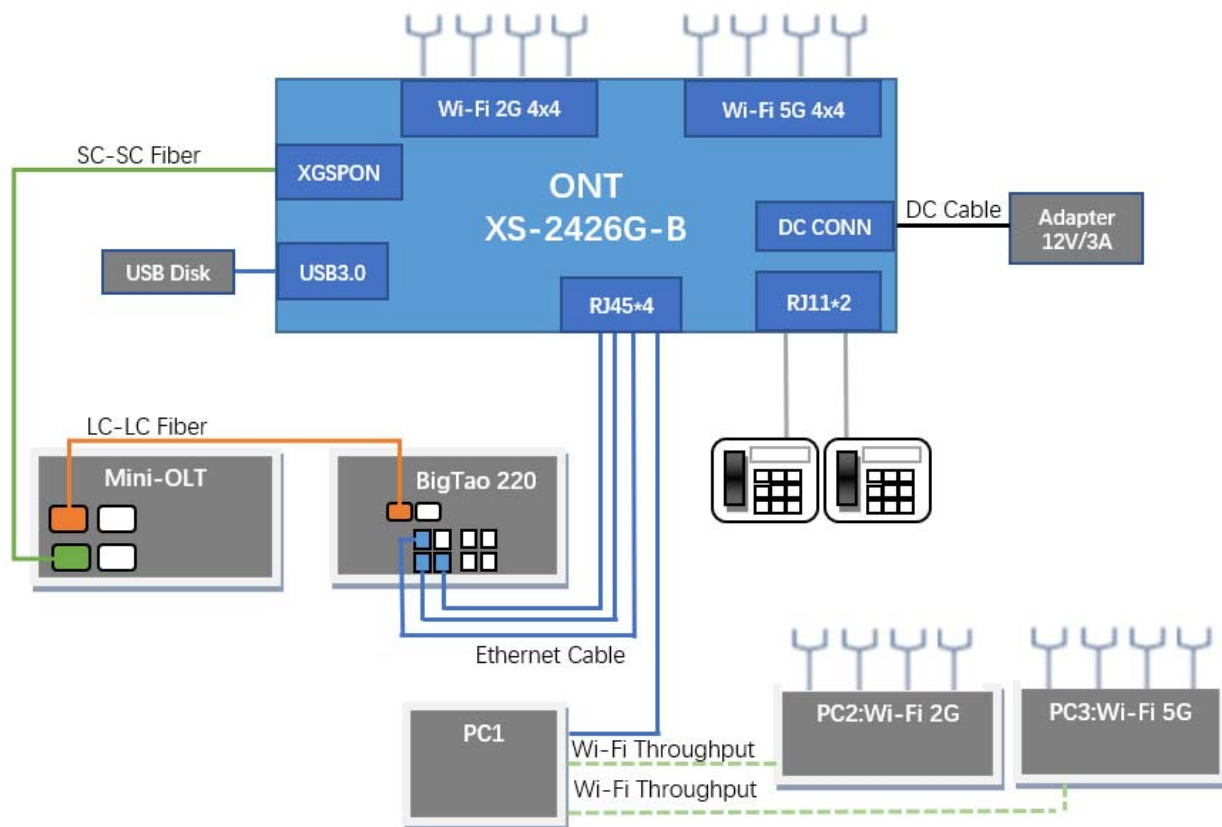
FCC Code CFR47 Part15B (2020)

ANSI C63.4 (2014)

2.4 Test Mode

Description: The XS-2426G-B is a XGSPON ONT which has 3 GE LAN ports, 1 2.5GE LAN port, 1 USB port and 2POTS ports. It support 2.4G&5G wi-fi.

The basic functional test in normal room conditions consists of the traffic test and POTs connection test. XS-2426G-B runs 5 traffics on each line with BIGTAO, the each upstream of 3 GE is 900Mbps, and downstream is 900Mbps.the upstream of 2.5GE is 2G Mbps, and downstream is 2G Mbps. Frame loss ratio less than $10e-7$. The POTs keep connecting though OFLT program.The WIFI keep connecting.



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:

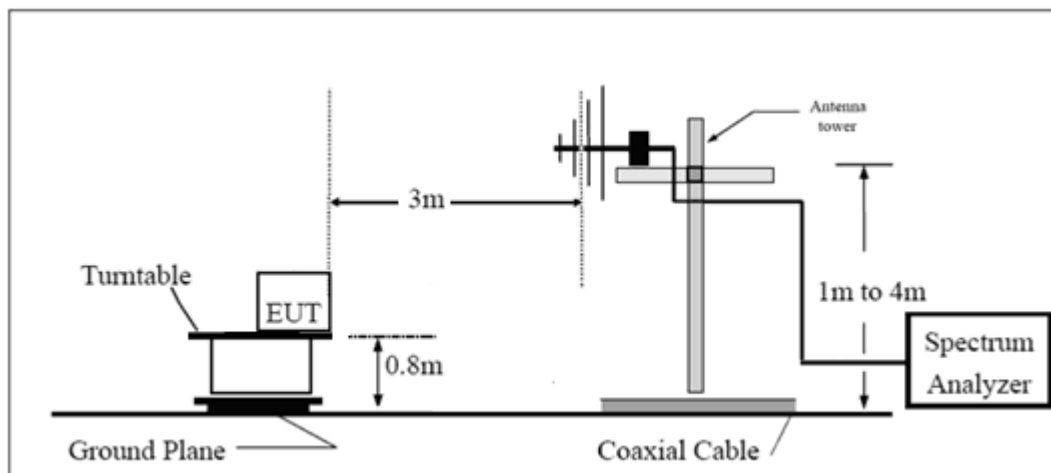
(a) PEAK Detector: RBW=1MHz / VBW=3MHz/ Sweep=AUTO

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

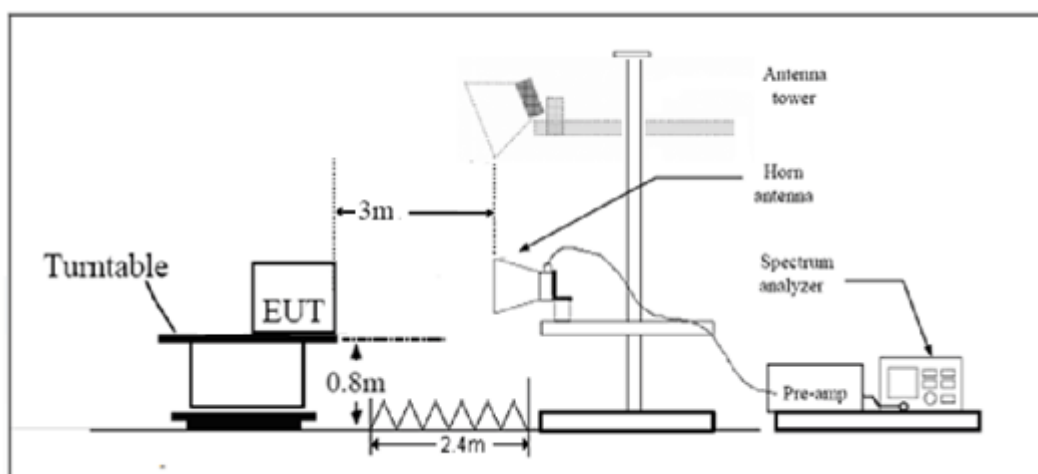
The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the worst case was recorded.

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 (dB μ V/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 frequency or 40GHz, which is lower | 54 74 | Average 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

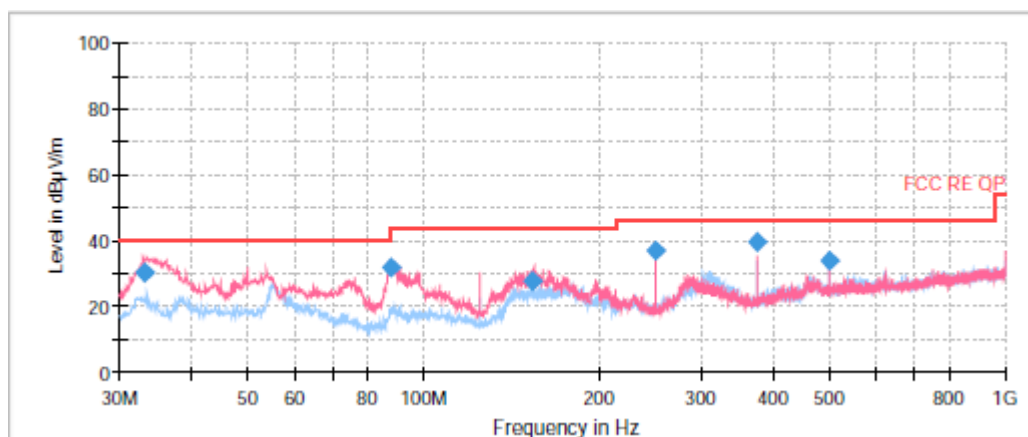
Sweep the whole frequency band through the range from 30MHz to the 5th harmonic of the carrier, the Emissions in the frequency band 18GHz –40GHz is more than 20dB below the limit are not reported.

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 μ V/)in the test plot =(level in dB μ V/m)

Adapter 1: UES36WU-120300SPA

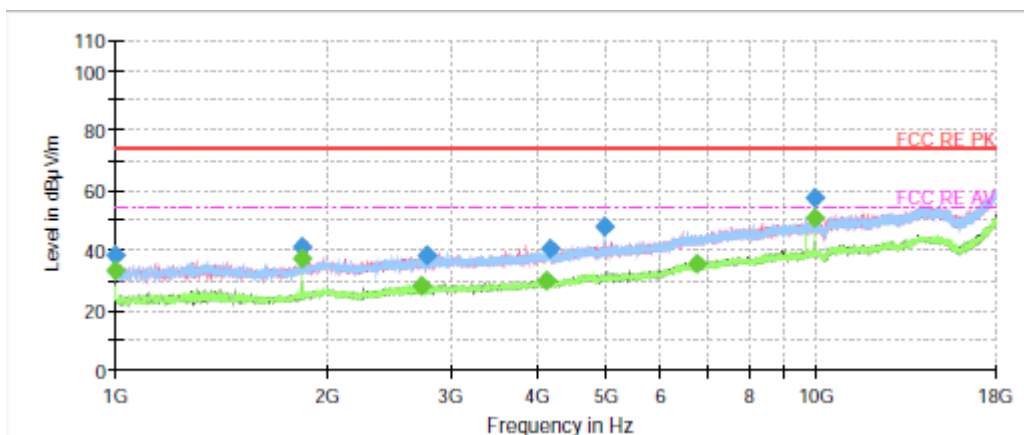


Radiated Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 33.236250 | 30.18 | 125.0 | V | 171.0 | 12.4 | 9.82 | 40.00 |
| 87.915000 | 31.82 | 125.0 | V | 60.0 | 10.4 | 8.18 | 40.00 |
| 154.403750 | 27.78 | 100.0 | V | 260.0 | 9.2 | 15.72 | 43.50 |
| 249.987500 | 36.98 | 202.0 | H | 160.0 | 13.8 | 9.02 | 46.00 |
| 374.996250 | 39.63 | 125.0 | V | 186.0 | 16.8 | 6.37 | 46.00 |
| 500.005000 | 34.06 | 100.0 | V | 123.0 | 19.6 | 11.94 | 46.00 |

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

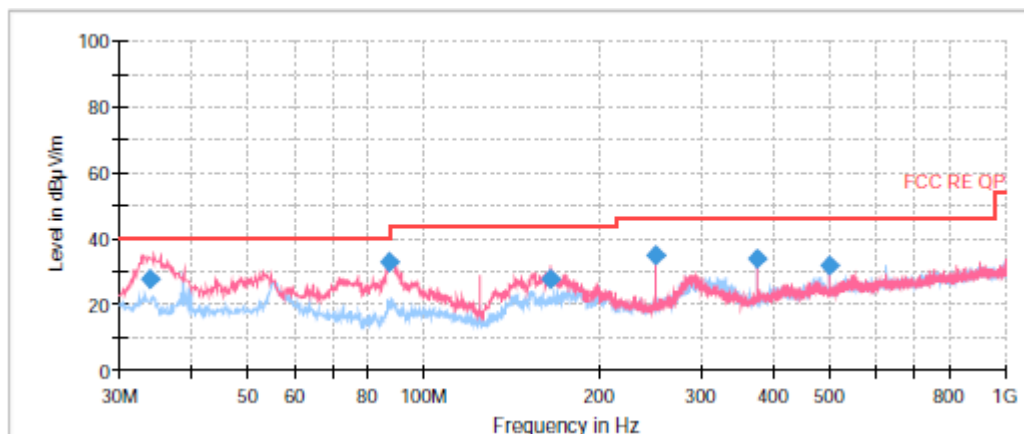
2. Margin = Limit – Quasi-Peak



Radiated Emission from 1GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1000.055833 | --- | 33.30 | 54.00 | 20.70 | 100.0 | V | 199.0 | -21.4 |
| 1000.205500 | 38.24 | --- | 74.00 | 35.76 | 100.0 | V | 199.0 | -21.4 |
| 1849.948000 | 41.14 | --- | 74.00 | 32.86 | 100.0 | H | 202.0 | -18.6 |
| 1849.969333 | --- | 37.46 | 54.00 | 16.54 | 100.0 | H | 202.0 | -18.6 |
| 2735.639000 | --- | 28.44 | 54.00 | 25.56 | 300.0 | V | 4.0 | -16.1 |
| 2780.769667 | 38.56 | --- | 74.00 | 35.44 | 200.0 | V | 0.0 | -16.1 |
| 4111.185667 | --- | 30.02 | 54.00 | 23.98 | 200.0 | V | 160.0 | -12.6 |
| 4159.401666 | 40.46 | --- | 74.00 | 33.54 | 100.0 | V | 21.0 | -12.4 |
| 4976.638334 | 47.76 | --- | 74.00 | 26.24 | 200.0 | H | 301.0 | -9.8 |
| 6735.583333 | --- | 35.64 | 54.00 | 18.36 | 100.0 | H | 161.0 | -3.5 |
| 9953.297666 | --- | 50.73 | 54.00 | 3.27 | 200.0 | H | 4.0 | -1.2 |
| 9953.370666 | 57.78 | --- | 74.00 | 16.22 | 200.0 | H | 4.0 | -1.2 |

Adapter 2: ADS-40FKJ-12 12036EPCU

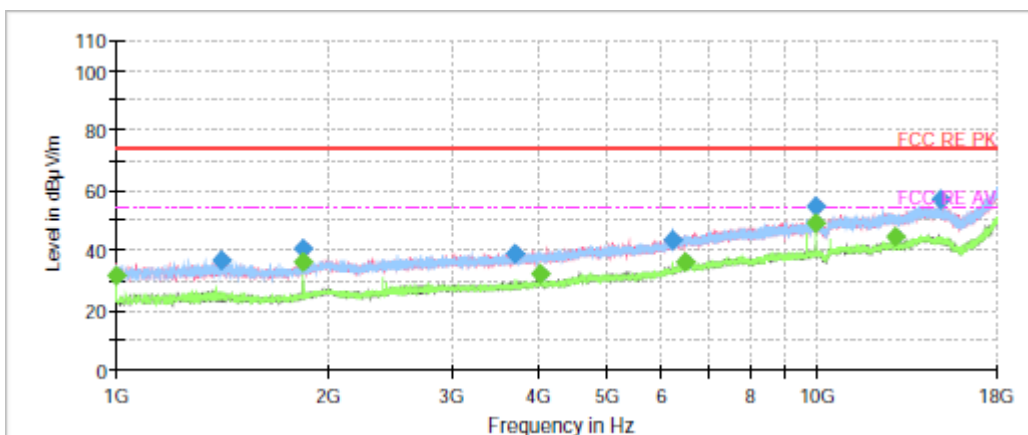


Radiated Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 33.926250 | 27.62 | 125.0 | V | 136.0 | 12.6 | 12.38 | 40.00 |
| 87.631250 | 33.03 | 125.0 | V | 101.0 | 10.3 | 6.97 | 40.00 |
| 165.355000 | 27.83 | 105.0 | V | 157.0 | 9.9 | 15.67 | 43.50 |
| 249.987500 | 34.99 | 100.0 | V | 147.0 | 13.8 | 11.01 | 46.00 |
| 374.996250 | 33.93 | 125.0 | V | 180.0 | 16.8 | 12.07 | 46.00 |
| 500.006250 | 32.02 | 186.0 | H | 66.0 | 19.6 | 13.98 | 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) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1000.030500 | --- | 31.55 | 54.00 | 22.45 | 100.0 | V | 66.0 | -21.4 |
| 1413.820666 | 36.50 | --- | 74.00 | 37.50 | 100.0 | H | 349.0 | -19.2 |
| 1850.019333 | --- | 36.38 | 54.00 | 17.62 | 100.0 | H | 0.0 | -18.6 |
| 1850.090666 | 40.67 | --- | 74.00 | 33.33 | 100.0 | H | 0.0 | -18.6 |
| 3706.791667 | 39.16 | --- | 74.00 | 34.84 | 100.0 | H | 349.0 | -14.2 |
| 4028.596666 | --- | 32.42 | 54.00 | 21.58 | 100.0 | V | 155.0 | -12.9 |
| 6220.704000 | 43.56 | --- | 74.00 | 30.44 | 200.0 | H | 99.0 | -5.6 |
| 6471.532333 | --- | 36.04 | 54.00 | 17.96 | 100.0 | V | 66.0 | -4.3 |
| 9953.183333 | --- | 49.32 | 54.00 | 4.68 | 200.0 | H | 349.0 | -1.2 |
| 9953.538666 | 54.82 | --- | 74.00 | 19.18 | 200.0 | H | 349.0 | -1.2 |
| 12864.099333 | --- | 44.59 | 54.00 | 9.41 | 100.0 | H | 358.0 | 2.4 |
| 14929.555333 | 57.07 | --- | 74.00 | 16.93 | 100.0 | H | 331.0 | 4.7 |

3.2 Conducted Emission

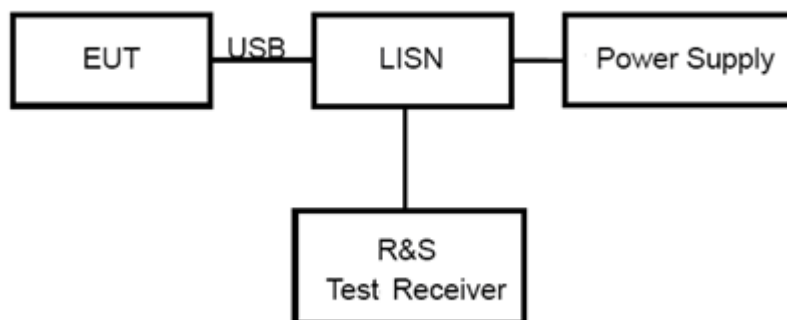
Ambient condition

| 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.

Test Setup



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

Limits

| Frequency (MHz) | Conducted Limits(dBμV) | |
|---|------------------------|------------|
| | 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. | | |

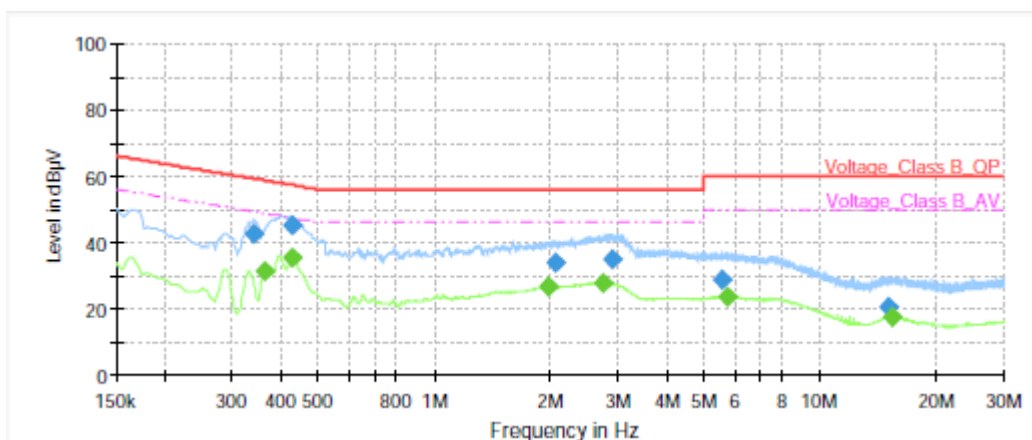
Measurement Uncertainty

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.

Adapter 1: UES36WU-120300SPA

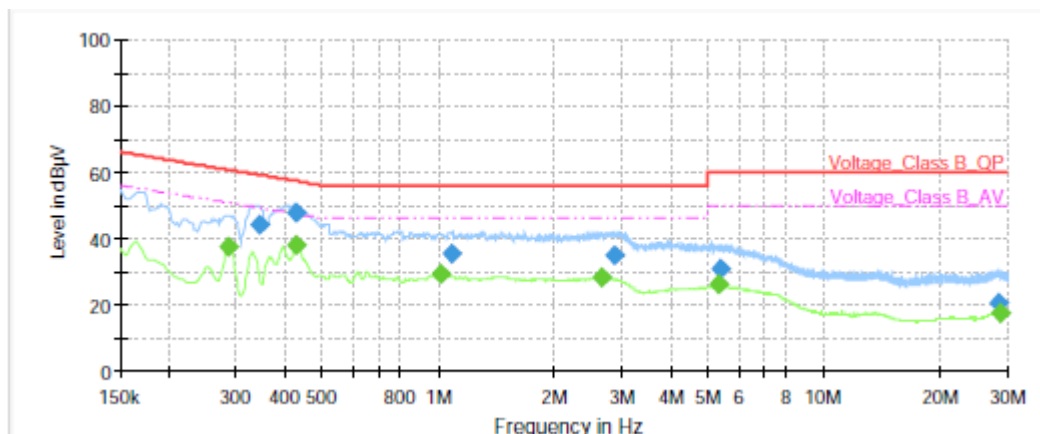


| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.34 | 42.48 | --- | 59.17 | 16.69 | 70.0 | 9.000 | L1 | ON | 21 |
| 0.36 | --- | 31.27 | 48.69 | 17.42 | 70.0 | 9.000 | L1 | ON | 21 |
| 0.43 | 45.24 | --- | 57.32 | 12.08 | 70.0 | 9.000 | L1 | ON | 20 |
| 0.43 | --- | 35.43 | 47.27 | 11.84 | 70.0 | 9.000 | L1 | ON | 20 |
| 1.98 | --- | 26.43 | 46.00 | 19.57 | 70.0 | 9.000 | L1 | ON | 20 |
| 2.07 | 33.72 | --- | 56.00 | 22.28 | 70.0 | 9.000 | L1 | ON | 20 |
| 2.73 | --- | 27.76 | 46.00 | 18.24 | 70.0 | 9.000 | L1 | ON | 19 |
| 2.90 | 34.73 | --- | 56.00 | 21.27 | 70.0 | 9.000 | L1 | ON | 19 |
| 5.55 | 28.61 | --- | 60.00 | 31.39 | 70.0 | 9.000 | L1 | ON | 19 |
| 5.76 | --- | 23.49 | 50.00 | 26.51 | 70.0 | 9.000 | L1 | ON | 19 |
| 15.10 | 20.31 | --- | 60.00 | 39.69 | 70.0 | 9.000 | L1 | ON | 20 |
| 15.40 | --- | 17.39 | 50.00 | 32.61 | 70.0 | 9.000 | L1 | ON | 20 |

Remark: Correct factor=cable loss + LISN factor

L line

Conducted Emission from 150 KHz to 30 MHz



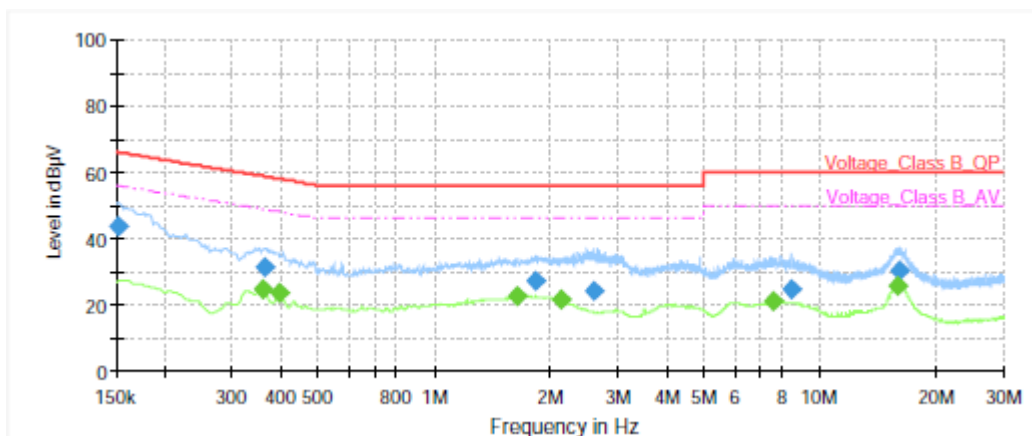
| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.29 | --- | 37.44 | 50.60 | 13.16 | 70.0 | 9.000 | N | ON | 21 |
| 0.35 | 44.29 | --- | 59.06 | 14.77 | 70.0 | 9.000 | N | ON | 21 |
| 0.43 | 47.82 | --- | 57.32 | 9.50 | 70.0 | 9.000 | N | ON | 20 |
| 0.43 | --- | 37.94 | 47.27 | 9.33 | 70.0 | 9.000 | N | ON | 20 |
| 1.01 | --- | 29.02 | 46.00 | 16.98 | 70.0 | 9.000 | N | ON | 20 |
| 1.09 | 35.55 | --- | 56.00 | 20.45 | 70.0 | 9.000 | N | ON | 20 |
| 2.65 | --- | 27.98 | 46.00 | 18.02 | 70.0 | 9.000 | N | ON | 19 |
| 2.86 | 34.94 | --- | 56.00 | 21.06 | 70.0 | 9.000 | N | ON | 19 |
| 5.34 | --- | 26.06 | 50.00 | 23.94 | 70.0 | 9.000 | N | ON | 19 |
| 5.39 | 30.63 | --- | 60.00 | 29.37 | 70.0 | 9.000 | N | ON | 19 |
| 28.32 | 20.66 | --- | 60.00 | 39.34 | 70.0 | 9.000 | N | ON | 20 |
| 28.64 | --- | 17.58 | 50.00 | 32.42 | 70.0 | 9.000 | N | ON | 20 |

Remark: Correct factor=cable loss + LISN factor

N line

Conducted Emission from 150 KHz to 30 MHz

Adapter 2: ADS-40FKJ-12 12036EPCU

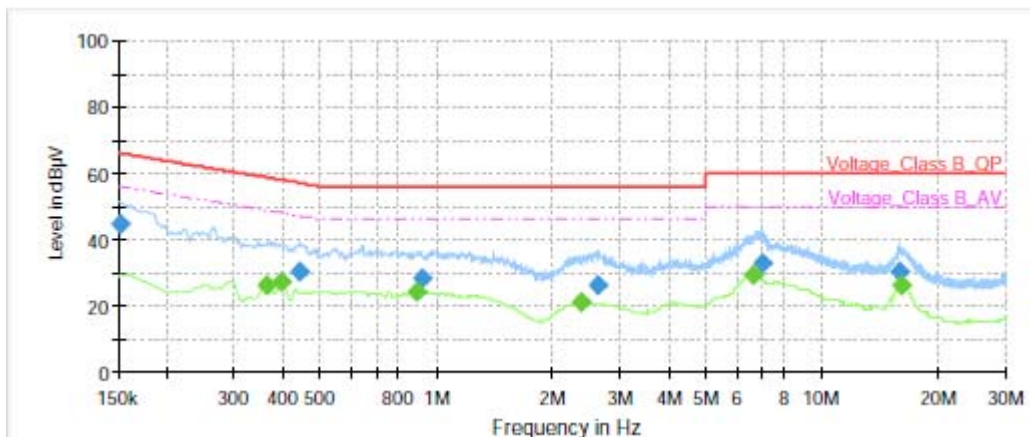


| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.15 | 43.70 | --- | 65.88 | 22.18 | 70.0 | 9.000 | L1 | ON | 21 |
| 0.36 | --- | 24.65 | 48.75 | 24.10 | 70.0 | 9.000 | L1 | ON | 21 |
| 0.36 | 31.43 | --- | 58.64 | 27.21 | 70.0 | 9.000 | L1 | ON | 21 |
| 0.40 | --- | 23.57 | 47.95 | 24.38 | 70.0 | 9.000 | L1 | ON | 20 |
| 1.64 | --- | 22.40 | 46.00 | 23.60 | 70.0 | 9.000 | L1 | ON | 20 |
| 1.83 | 27.12 | --- | 56.00 | 28.88 | 70.0 | 9.000 | L1 | ON | 20 |
| 2.13 | --- | 21.44 | 46.00 | 24.56 | 70.0 | 9.000 | L1 | ON | 20 |
| 2.60 | 24.21 | --- | 56.00 | 31.79 | 70.0 | 9.000 | L1 | ON | 19 |
| 7.60 | --- | 21.20 | 50.00 | 28.80 | 70.0 | 9.000 | L1 | ON | 20 |
| 8.41 | 24.39 | --- | 60.00 | 35.61 | 70.0 | 9.000 | L1 | ON | 20 |
| 15.99 | --- | 25.71 | 50.00 | 24.29 | 70.0 | 9.000 | L1 | ON | 20 |
| 16.09 | 30.20 | --- | 60.00 | 29.80 | 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 (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.15 | 44.54 | --- | 65.88 | 21.34 | 70.0 | 9.000 | N | ON | 21 |
| 0.36 | --- | 26.28 | 48.69 | 22.41 | 70.0 | 9.000 | N | ON | 21 |
| 0.40 | --- | 27.30 | 47.95 | 20.65 | 70.0 | 9.000 | N | ON | 20 |
| 0.44 | 30.28 | --- | 56.97 | 26.69 | 70.0 | 9.000 | N | ON | 20 |
| 0.89 | --- | 24.21 | 46.00 | 21.79 | 70.0 | 9.000 | N | ON | 20 |
| 0.92 | 28.29 | --- | 56.00 | 27.71 | 70.0 | 9.000 | N | ON | 20 |
| 2.37 | --- | 21.06 | 46.00 | 24.94 | 70.0 | 9.000 | N | ON | 20 |
| 2.62 | 26.40 | --- | 56.00 | 29.60 | 70.0 | 9.000 | N | ON | 19 |
| 6.63 | --- | 29.48 | 50.00 | 20.52 | 70.0 | 9.000 | N | ON | 20 |
| 6.99 | 32.74 | --- | 60.00 | 27.26 | 70.0 | 9.000 | N | ON | 20 |
| 16.00 | 30.37 | --- | 60.00 | 29.63 | 70.0 | 9.000 | N | ON | 20 |
| 16.04 | --- | 25.93 | 50.00 | 24.07 | 70.0 | 9.000 | N | 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 | Type | Serial Number | Calibration Date | Expiration Time |
|-------------------------|--------------|-------------------|---------------|------------------|-----------------|
| Spectrum Analyzer | R&S | FSV40 | 15195-01-00 | 2021-05-15 | 2022-05-14 |
| EMI Test 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 | 2020-08-11 | 2023-08-10 |
| Horn Antenna | ETS-Lindgren | 3160-09 | 00102644 | 2018-06-20 | 2023-06-19 |
| Standard Gain Horn | STEATITE | QSH-SL-26-40-K-15 | 16779 | 2019-12-24 | 2021-12-23 |
| EMI Test Receiver | R&S | ESR | 101667 | 2021-05-16 | 2022-05-15 |
| LISN | R&S | ENV216 | 101171 | 2018-12-15 | 2021-12-14 |
| Bore Sight Antenna mast | ETS | 2171B | 00058752 | / | / |
| Test software | EMC32 | R&S | 9.26.0 | / | / |

*****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.