

TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Smart Phone

MODEL NAME : G91 PRO

BRAND NAME : BLU

FCC ID : YHLBLUG91P

STANDARD(S) : 47 CFR Part 15 Subpart B

RECEIPT DATE : 2021-03-31

TEST DATE : 2021-04-07 to 2021-04-21

ISSUE DATE : 2021-05-25

> Edited by: He Sinuo(Rapporteur)

He sinuo

Approved by:

Xiao Xiong(Supervisor)

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| Change History | | | | |
|------------------------------|------------|---------------|--|--|
| Issue Date Reason for change | | | | |
| 1.0 | 2021-05-25 | First edition | | |
| | | | | |



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

| Applicant: | BLU Products, Inc. |
|-----------------------|--|
| Applicant Address: | 10814 NW 33rd St # 100 Doral, FL 33172,USA |
| Manufacturer: | BLU Products, Inc. |
| Manufacturer Address: | 10814 NW 33rd St # 100 Doral, FL 33172,USA |

1.2. Equipment Under Test (EUT) Description

| ProductName: | Smart Phone | | | | | | |
|-------------------|--|--|--|--|--|--|--|
| Serial No: | (N/A, marked #1 by test site) | | | | | | |
| Hardware Version: | KF3F_01 | | | | | | |
| Software Version: | BLU_G0530WW_V11.0.02.00_GENERIC 29-03-2021 19:30 | | | | | | |
| Tx Frequency: | GSM850: 824 MHz ~ 849 MHz | | | | | | |
| | GSM1900: 1850 MHz ~ 1910 MHz | | | | | | |
| | WCDMA Band II: 1850 MHz ~ 1910 MHz | | | | | | |
| | WCDMA Band IV: 1710 MHz ~ 1755 MHz | | | | | | |
| | WCDMA Band V: 824 MHz ~ 849 MHz | | | | | | |
| | LTE Band 2: 1850 MHz ~ 1910 MHz | | | | | | |
| | LTE Band 4: 1710 MHz ~ 1755 MHz | | | | | | |
| | LTE Band 5: 824 MHz ~ 849 MHz | | | | | | |
| | LTE Band 7: 2500 MHz ~ 2570 MHz | | | | | | |
| | LTE Band 12: 699 MHz ~ 716 MHz | | | | | | |
| | LTE Band 17: 704 MHz ~ 716 MHz | | | | | | |
| | LTE Band 13: 777 MHz ~ 787 MHz | | | | | | |
| | Bluetooth5.0: 2402 MHz ~ 2480 MHz | | | | | | |
| | 802.11b/g/n: 2412 MHz ~ 2472 MHz | | | | | | |
| Rx Frequency: | GSM850: 869 MHz ~ 894 MHz | | | | | | |
| | GSM1900: 1930 MHz ~ 1990 MHz | | | | | | |
| | WCDMA Band II: 1930 MHz ~ 1990 MHz | | | | | | |
| | WCDMA Band IV: 2110 MHz ~ 2155 MHz | | | | | | |
| | WCDMA Band V: 869 MHz ~ 894 MHz | | | | | | |
| | LTE Band 2: 1930 MHz ~ 1990 MHz | | | | | | |
| | LTE Band 4: 2110 MHz ~ 2155 MHz | | | | | | |
| | LTE Band 5: 869 MHz ~ 894 MHz | | | | | | |
| | LTE Band 7: 2620 MHz ~ 2690 MHz | | | | | | |





| | LTE Band 12: 729 | 9 MHz ~ 746 MHz | | | | |
|----------------------|--|--|--|--|--|--|
| | LTE Band 17: 734 | 4 MHz ~ 746 MHz | | | | |
| | LTE Band 13: 746 | 6 MHz ~ 756 MHz | | | | |
| | Bluetooth5.0: 2402 MHz ~ 2480 MHz | | | | | |
| | 802.11b/g/n: 2412 MHz ~ 2472 MHz | | | | | |
| | GPS/GLONASS/ | BEIDOU/Galileo: 1559 MHz ~ 1610 MHz | | | | |
| Ancillary Equipment: | Battery | | | | | |
| | Brand Name: | BLU | | | | |
| | Model No.: | C496588490P | | | | |
| | Serial No.: (N/A, marked #1 by test site) | | | | | |
| | Capacity: Typical: 5000 mAh, Rated: 4900 mAh | | | | | |
| | Rated Voltage: 3.85V | | | | | |
| | Charge Limit: 4.4V | | | | | |
| | Manufacturer: | Shenzhen jiuliyuan electronic technology Co.,Ltd | | | | |
| | AC Adapter | | | | | |
| | Brand Name: | BLU | | | | |
| | Model No.: | US-BM-3000 | | | | |
| | Serial No.: | (N/A, marked #1 by test site) | | | | |
| | Rated Input: 100-240V~50/60Hz, 0.8A | | | | | |
| | Rated Output: 5.0V=3.0A, 9.0V=3.0A, 10.0V=3.0A | | | | | |
| | Manufacturer: | Guangdong Beicom Electronics Co.,Ltd. | | | | |

Note:

1. For a more detailed description, please refer to specification or user's manual supplied by the applicant and/or manufacturer.



2. Test Results

2.1. Applied Reference Documents

The objective of the report is to perform testing according to 47 CFR Part 15 Subpart B:

| N | Ο. | Identity | Document Title | | |
|---|----|----------------|-------------------------|--|--|
| 1 | 1 | 47 CFR Part 15 | Radio Frequency Devices | | |

Test detailed items/section required by FCC rules and results are as below:

| No. | Section | Description | Test Date | Test Engineer | Result | Method determination Remark |
|-----|---------|-----------------------|------------|---------------|--------|-----------------------------------|
| 1 | 15.107 | Conducted Emission | 2021.04.21 | Huang Zhiye | PASS | No deviation |
| 2 | 15.109 | Radiated Emission | 2021.04.07 | Yang Jie | PASS | No deviation |

Note 1:The tests were performed according to the method of measurements prescribed in ANSI C63.4-2014.

Note 2:Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

Note 3:When the test result is a critical value,we will use the measurement uncertainty give the judgment result based on the 95% risk level.



2.2. EUT Setup and Operating Conditions

Note: All of the following test modes are tested in all the test items.

| Test Mod | des | · · · · · · · · · · · · · · · · · · · |
|----------|-----|---|
| Mode 1 | : | GSM850 Idle + Bluetooth Idle + WLAN Idle + Battery + USB Cable(Charging from |
| | | Adapter) + Earphone + Adapter + SIM Card |
| Mode 2 | : | GSM1900 Idle + Bluetooth Idle + WLAN Idle + Battery + USB Cable(Charging from |
| | | Adapter) + Earphone + Adapter + SIM Card |
| Mode3 | : | WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Battery + USB Cable(Charging |
| | | from Adapter) + Earphone + Adapter + SIM Card |
| Mode 4 | : | LTE Band 4 Idle + Bluetooth Idle + WLAN Idle + Battery + USB Cable(Charging from |
| | | Adapter) + Earphone + Adapter + SIM Card |
| Mode 5 | : | WCDMA Band IV Idle + Bluetooth Idle + WLAN Idle + GPS Rx + Battery + USB |
| | | Cable(Charging from Adapter) + Earphone + Adapter + SIM Card |
| Mode 6 | : | WCDMA Band V Idle + Bluetooth Idle + WLAN Idle + Battery + USB Cable(Charging |
| | | from Adapter) + Earphone + Adapter + SIM Card + BEIDOU Rx |
| Mode 7 | : | LTE Band 13 Idle + Bluetooth Idle + WLAN Idle + Battery + USB Cable(Charging from |
| | | Adapter) + Earphone + Adapter + SIM Card + GLONASS Rx |
| Mode 8 | : | LTE Band 2 Idle+ Bluetooth Idle + WLAN Idle + Battery + USB Cable(Charging from |
| | | Adapter) + Earphone + Adapter + SIM Card + Galileo Rx |
| Mode 9 | : | LTE Band 5 Idle+ Bluetooth Idle + WLAN Idle + Camera + Battery + USB |
| | | Cable(Charging from Adapter) + Earphone + Adapter + SIM Card |
| Mode 10 | : | LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + MP4 + Battery + USB |
| | | Cable(Charging from Adapter) + Earphone + Adapter + SIM Card |
| Mode 11 | : | LTE Band 12 Idle + Bluetooth Idle + WLAN Idle + PC(data transfer) + Battery + |
| | | SIM Card + PC Adapter + Earphone |
| Mode 12 | : | LTE Band 17 Idle + Bluetooth Idle + WLAN Idle + Battery + USB Cable(Charging from |
| | | Adapter) + Earphone + Adapter + SIM Card |
| Remark: | | |

Remark

The above test mode in boldface (Mode 9) was the worst case of conducted emission test, only the test data of these modes were reported. The above test mode in boldface (Mode 11) was the worst case of radiated emission test, only the test data of these modes were reported.

During the measurement, the environmental conditions were within the listed ranges:

| Temperature (°C): | 15 - 35 |
|-----------------------------|----------|
| Relative Humidity (%): | 30 - 60 |
| Atmospheric Pressure (kPa): | 86 - 106 |





3. 47 CFR Part 15B Requirements

3.1. Conducted Emission

3.1.1. Requirement

According to FCC section 15.107, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a $50\mu H/50\Omega$ line impedance stabilization network (LISN).

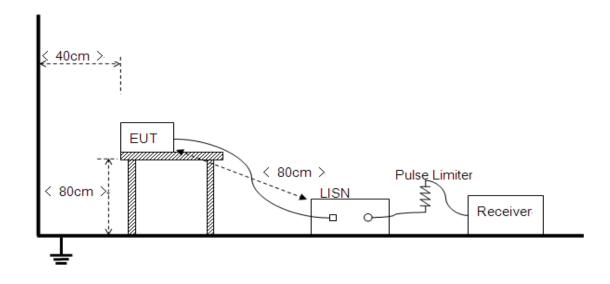
| Frequency range | Conducted Limit (dBμV) | | |
|-----------------|------------------------|----------|--|
| (MHz) | Quasi-peak | Average | |
| 0.15 - 0.50 | 66 to 56 | 56 to 46 | |
| 0.50 - 5 | 56 | 46 | |
| 5 - 30 | 60 | 50 | |

NOTE:

- a) The limit subjects to the Class B digital device.
- b) The lower limit shall apply at the band edges.
- c) The limit decreases linearly with the logarithm of the frequency in the range 0.15 0.50MHz.

3.1.2. Test Setup

Please refer to Annex A for the photographs of the Test Configuration.







The EUT is placed on a 0.8m high insulating table, which stands on the grounded conducting floor, and keeps 0.4m away from the grounded conducting wall. The EUT is connected to the power mains through a LISN which provides 50Ω/50μH of coupling impedance for the measuring instrument. A Pulse Limiter is used to protect the measuring instrument. The factors of the whole test system are calibrated to correct the reading.

The power strip or extension cord has been investigated to make sure that the LISN integrity inma intained with respect to the impedance characteristics as prescribed in ANSI C63.4-2014 Clause 4.3.

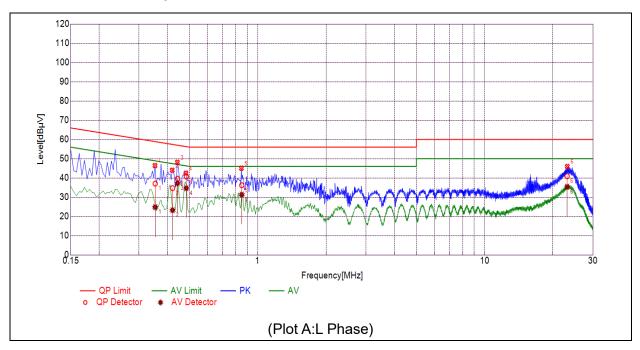
3.1.3. **Test Result**

RBW=9 kHz, VBW=30 kHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. All test modes are considered, refer to recorded points and plots below.

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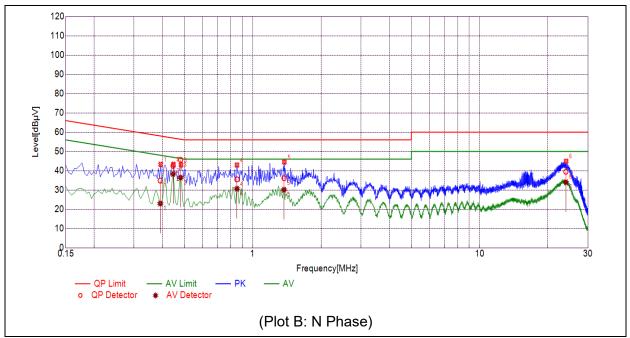


A. Test Plot and Suspicious Points:



| NO | Fre. | Emission L | evel (dBµV) | Limit (d | dBμV) | Dower line | Verdict |
|-----|---------|------------|-------------|-----------|---------|------------|---------|
| NO. | (MHz) | Quai-peak | Average | Quai-peak | Average | Power-line | verdict |
| 1 | 0.3533 | 37.03 | 24.85 | 58.88 | 48.88 | | PASS |
| 2 | 0.4215 | 34.69 | 23.25 | 57.42 | 47.42 | | PASS |
| 3 | 0.4433 | 39.63 | 37.28 | 57.00 | 47.00 | Lina | PASS |
| 4 | 0.4846 | 40.70 | 34.68 | 56.26 | 46.26 | Line | PASS |
| 5 | 0.8502 | 36.22 | 31.30 | 56.00 | 46.00 | | PASS |
| 6 | 23.0726 | 40.89 | 35.37 | 60.00 | 50.00 | | PASS |





| NO. | Fre. | Emission L | evel (dBµV) | Limit (d | dΒμV) | Dower line | Verdict |
|-----|---------|------------|-------------|-----------|---------|------------|---------|
| NO. | (MHz) | Quai-peak | Average | Quai-peak | Average | Power-line | verdict |
| 1 | 0.3914 | 34.88 | 22.97 | 58.03 | 48.03 | | PASS |
| 2 | 0.4459 | 42.51 | 38.29 | 56.95 | 46.95 | | PASS |
| 3 | 0.4811 | 45.65 | 36.45 | 56.32 | 46.32 | Noutral | PASS |
| 4 | 0.8523 | 35.51 | 30.65 | 56.00 | 46.00 | Neutral | PASS |
| 5 | 1.3736 | 36.12 | 30.12 | 56.00 | 46.00 | | PASS |
| 6 | 23.9620 | 39.48 | 34.00 | 60.00 | 50.00 | | PASS |



3.2. Radiated Emission

3.2.1. Requirement

According to FCC section 15.109 (a), the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

| Frequency | Field Strength Limitation at 3m Measurement Dist | | | |
|---------------|--|-----------|--|--|
| range (MHz) | (μV/m) | (dBµV/m) | | |
| 30.0 - 88.0 | 100 | 20log 100 | | |
| 88.0 - 216.0 | 150 | 20log 150 | | |
| 216.0 - 960.0 | 200 | 20log 200 | | |
| Above 960.0 | 500 | 20log 500 | | |

As shown in FCC section 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector. When average radiated emission measurements are specified in this part, including emission measurements below 1000MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit for the frequency being investigated unless a different peak emission limit is otherwise specified in the rules.

Note:

- 1) The tighter limit shall apply at the boundary between two frequency range.
- 2) Limitation expressed in dBμV/m is calculated by 20log Emission Level(μV/m).

3.2.2. Frequency range of measurement

According to 15.33(b)(1), the frequency range of radiated measurement for the EUT is listed in the following table:

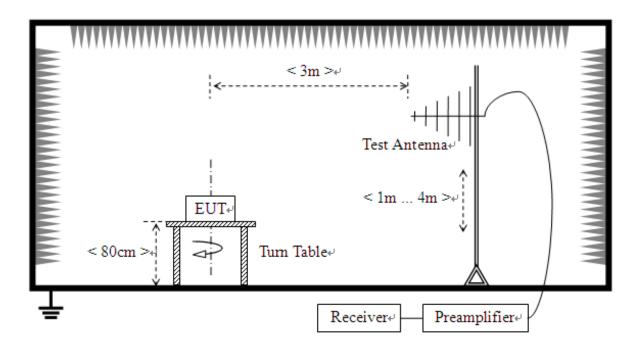
| Highest frequency generated or used in the device or on which the device operates or tunes (MHz) | Upper frequency of measure- ment range (MHz) |
|---|--|
| Below 1.705 | 30. 1000. 2000. 5000. 5th harmonic of the highest frequency or 40 GHz, whichever is lower. |



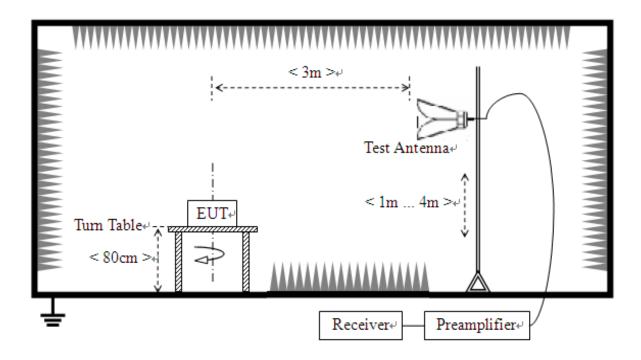


3.2.3. Test Setup

1) For radiated emissions from 30MHz to1GHz



2) For radiated emissions above 1GHz







The test is performed in a 3m Semi-Anechoic Chamber; the antenna factor, cable loss and so on of the site (factors) is calculated to correct the reading. The EUT is placed on a 0.8m high insulating Turn Table, and keeps 3m away from the Test Antenna, which is mounted on a variable-height antenna master tower.

For the test Antenna:

In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. The emission levels at both horizontal and vertical polarizations should be tested.

For measurements below 1GHz the resolution bandwidth is set to 120 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements and as applicable for average measurements.

3.2.4. **Test Result**

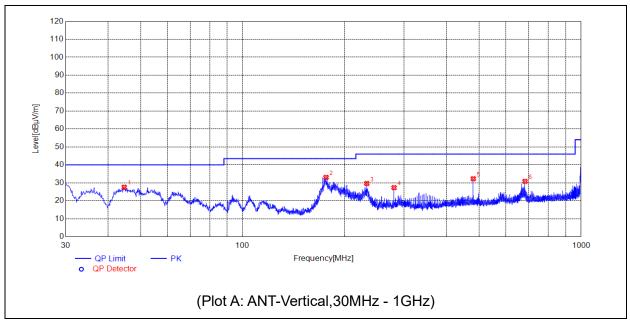
The maximum radiated emission is searched using PK, QP and AV detectors; the emission levels more than the limits, and that have narrow margins from the limits will be re-measured with AV and QP detectors. Both the vertical and the horizontal polarizations of the Test Antenna are considered to perform the tests. All test modes are considered, refer to recorded points and plots below.

The amplitude of emissions (6GHz-12.5GHz)which are attenuated more than 20 dB below the permissible value need not be reported.

Note: All radiated emission tests were performed in X, Y, Z axis direction, and only the worst axis test condition was recorded in this test report.

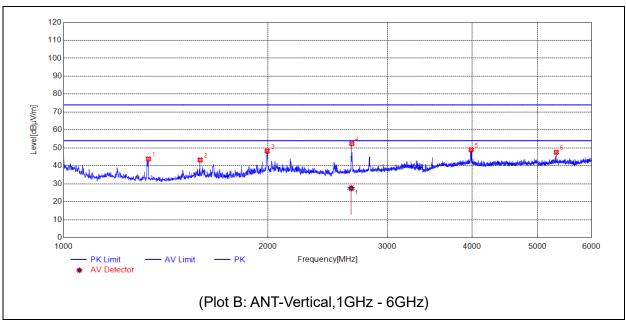
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| No. | Fre. MHz | Pk dBµV/m | QP dBμV/m | AV dBμV/m | Limit-PK dBµV/m | Limit-QP dBµV/m | Limit-AV dBµV/m | ANT | Verdict |
|-----|-------------|--------------|--------------|--------------|--------------------|--------------------|--------------------|-----|---------|
| 1 | 44.6485 | 27.57 | N.A | N.A | N.A | 40.00 | N.A | V | PASS |
| 2 | 176.2906 | 33.03 | N.A | N.A | N.A | 43.50 | N.A | V | PASS |
| 3 | 232.5563 | 29.64 | N.A | N.A | N.A | 46.00 | N.A | V | PASS |
| 4 | 279.9940 | 27.32 | N.A | N.A | N.A | 46.00 | N.A | V | PASS |
| 5 | 480.0280 | 32.28 | N.A | N.A | N.A | 46.00 | N.A | V | PASS |
| 6 | 682.5843 | 30.83 | N.A | N.A | N.A | 46.00 | N.A | V | PASS |

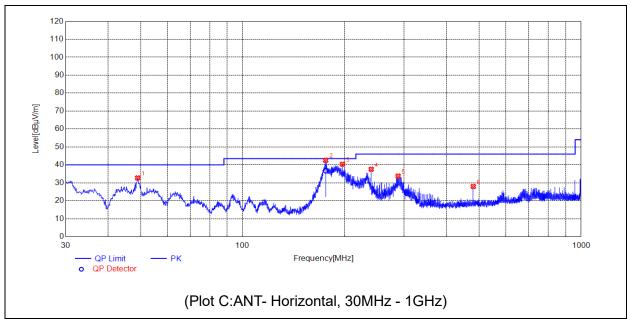




| No. | Fre. MHz | Pk dBµV/m | QP dBµV/m | AV dBμV/m | Limit-PK dBµV/m | Limit-QP dBµV/m | Limit-AV dBµV/m | ANT | Verdict |
|-----|-------------|--------------|--------------|--------------|--------------------|--------------------|--------------------|-----|---------|
| 1 | 1333.0666 | 43.87 | N.A | N.A | 74.00 | N.A | 54.00 | V | PASS |
| 2 | 1589.1178 | 43.31 | N.A | N.A | 74.00 | N.A | 54.00 | V | PASS |
| 3 | 1995.1990 | 48.30 | N.A | N.A | 74.00 | N.A | 54.00 | V | PASS |
| 4 | 2659.3319 | 52.43 | N.A | 27.53 | 74.00 | N.A | 54.00 | V | PASS |
| 5 | 3988.5977 | 49.04 | N.A | N.A | 74.00 | N.A | 54.00 | V | PASS |
| 6 | 5326.8654 | 47.61 | N.A | N.A | 74.00 | N.A | 54.00 | V | PASS |

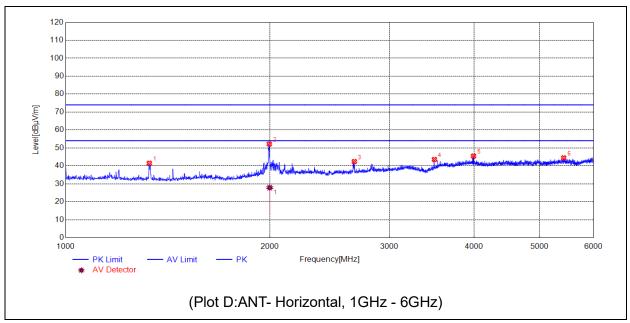






| No. | Fre. MHz | Pk dBµV/m | QP dBµV/m | AV dBμV/m | Limit-PK dBµV/m | Limit-QP dBµV/m | Limit-AV dBµV/m | ANT | Verdict |
|-----|-------------|--------------|--------------|--------------|--------------------|--------------------|--------------------|-----|---------|
| 1 | 48.9169 | 32.75 | N.A | N.A | N.A | 40.00 | N.A | Н | PASS |
| 2 | 175.8056 | 42.54 | 36.77 | N.A | N.A | 43.50 | N.A | Н | PASS |
| 3 | 197.0507 | 40.37 | N.A | N.A | N.A | 43.50 | N.A | Н | PASS |
| 4 | 239.7350 | 37.58 | N.A | N.A | N.A | 46.00 | N.A | Н | PASS |
| 5 | 287.8518 | 33.76 | N.A | N.A | N.A | 46.00 | N.A | Н | PASS |
| 6 | 480.0280 | 27.98 | N.A | N.A | N.A | 46.00 | N.A | Н | PASS |





| No. | Fre. MHz | Pk dBµV/m | QP dBµV/m | AV dBμV/m | Limit-PK dBµV/m | Limit-QP dBµV/m | Limit-AV dBµV/m | ANT | Verdict |
|-----|-------------|--------------|--------------|--------------|--------------------|--------------------|--------------------|-----|---------|
| 1 | 1328.0656 | 41.50 | N.A | N.A | 74.00 | N.A | 54.00 | Н | PASS |
| 2 | 1996.1992 | 52.20 | N.A | 27.85 | 74.00 | N.A | 54.00 | Н | PASS |
| 3 | 2664.3329 | 42.42 | N.A | N.A | 74.00 | N.A | 54.00 | Н | PASS |
| 4 | 3497.4995 | 43.56 | N.A | N.A | 74.00 | N.A | 54.00 | Н | PASS |
| 5 | 3993.5987 | 45.47 | N.A | N.A | 74.00 | N.A | 54.00 | Н | PASS |
| 6 | 5424.8850 | 44.46 | N.A | N.A | 74.00 | N.A | 54.00 | Н | PASS |



Annex A Test Uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

Uncertainty of Conducted Emission Measurement

| Measuring Uncertainty for | 9kHz-150kHz | ±3.3dB |
|---------------------------|--------------|--------|
| a Level of Confidence of | 150kHz-30MHz | ±2.8dB |
| 95%(U=2Uc(y)) | | |

Uncertainty of Radiated Emission Measurement

| Measuring Uncertainty for | 30MHz-200MHz | ±5.06dB |
|---------------------------|----------------|---------|
| a Level of Confidence of | 200MHz-1000MHz | ±5.04dB |
| 95%(U=2Uc(y)) | 1GHz-6GHz | ±5.18dB |
| | 6GHz-18GHz | ±5.48dB |





Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

| Laboratory Name: | Morlab Laboratory of Shenzhen Morlab Communications |
|---------------------|--|
| | Technology Co., Ltd. |
| Laboratory Address: | FL.3, Building A, FeiYang Science Park, No.8 LongChang |
| | Road, Block 67, BaoAn District, ShenZhen, GuangDong |
| | Province, P. R. China |
| Telephone: | +86 755 36698555 |
| Facsimile: | +86 755 36698525 |

2. Identification of the Responsible Testing Location

| Name: | Morlab Laboratory of Shenzhen Morlab Communications Technology Co., Ltd. | | |
|----------|--|--|--|
| | FL.3, Building A, FeiYang Science Park, No.8 LongChang | | |
| Address: | Road, Block 67, BaoAn District, ShenZhen, GuangDong | | |
| | Province, P. R. China | | |

3. Accreditation Certificate

| Accredited Testing | The FCC designation number is CN1192. | |
|--------------------|---|--|
| Laboratory: | Test firm registration number is 226174. | |
| | (Shenzhen Morlab Communications Technology Co., Ltd.) | |

4. Test Software Utilized

| Model | Version Number | Producer | | |
|-----------------|-----------------|----------|--|--|
| JS32-RE | Version 2.0.2.0 | Tonscend | | |
| TS+ -[JS32-CE] | Version2.5.0.0 | Tonscend | | |



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5. Test Equipments Utilized

| Description | Model | Serial No. | Manufacturer | Cal. Date | Due. Date |
|-----------------------|-------------------|-----------------------|-----------------|------------|------------|
| Bi-Log Antenna | VULB 9163 | 9163-519 | SCHWARZBE CK | 2019/5/24 | 2022/5/23 |
| Receiver | N9038A | MY56400093 | KEYSIGHT | 2021/3/9 | 2022/3/8 |
| Horn Antenna | BBHA 9120D | 9120D-963 | SCHWARZBE CK | 2019/5/24 | 2022/5/23 |
| 6db Attenuator | BW-N6W5+ | E191001 | Mini-circuits | 2020/10/20 | 2021/10/19 |
| Preamplifier | S020180L320 3 | 61171/61172 | LUCIX CORP. | 2020/7/21 | 2021/7/20 |
| Preamplifier | \$10M100L380 2 | 46732 | LUCIX CORP. | 2020/7/21 | 2021/7/20 |
| Receiver | ESPI | 101052 | R&S | 2020/7/21 | 2021/7/20 |
| LISN | NSLK 8127 | 8127449 | Schwarzbeck | 2021/3/9 | 2022/3/8 |
| LISN | NNBM 8125 | 81251742 | Schwarzbeck | 2021/3/9 | 2022/3/8 |
| LISN | NNBM 8125 | 81251743 | Schwarzbeck | 2021/3/9 | 2022/3/8 |
| 10dB Pulse Limiter | VTSD 9561-F | VTSD 9561 F-B #206 | SCHWARZBE CK | 2020/7/24 | 2021/7/23 |

6. Ancillary Equipment Utilized

| Description | Manufacturer | Model | Serial No. |
|-------------|--------------|------------|------------|
| PC | DELL | Vostro5370 | 2017AP6215 |
| PC Adapter | DELL | LA45NM140 | 051F-A09 |
| Earphone | N/A | N/A | EMC-05 |

| END OF REPORT | |
|---------------|--|
| END OF REPORT | |