

Report No: JYTSZB-R12-2100770

# FCC REPORT

| Applicant:              | TECNO MOBILE LIMITED  |  |  |
|-------------------------|---|--|--|
| Address of Applicant:   | FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35<br>SHAN MEI STREET FOTAN NT |  |  |
| Equipment Under Test (E | EUT)  |  |  |
| Product Name:           | Mobile Phone  |  |  |
| Model No.:              | A571LS  |  |  |
| Trade mark:             | TECNO   |  |  |
| FCC ID:                 | 2ADYY-A571LS  |  |  |
| Applicable standards:   | FCC CFR Title 47 Part 15 Subpart B  |  |  |
| Date of sample receipt: | 10 May, 2021  |  |  |
| Date of Test:           | 11 May, to 22 Jun., 2021  |  |  |
| Date of report issued:  | 23 Jun., 2021   |  |  |
| Test Result:            | PASS *  |  |  |

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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#### Version 2

| Version No. | Date          | Description |
|-------------|---------------|-------------|
| 00          | 23 Jun., 2021 | Original    |
|             |               |             |
|             |               |             |
|             |               |             |
|             |               |             |

Tested by:

Yoro Wr Test Engineer Winner Thang Project Engineer

Date: 23 Jun., 2021

Date:

Reviewed by:

Project No.: JYTSZE2105036

23 Jun., 2021



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# 4 Test Summary

| Test Item   | Section in CFR 47 | Result |  |  |
|---|-------------------|--------|--|--|
| Conducted Emission  | Part 15.107       | Pass   |  |  |
| Radiated Emission   | Part 15.109       | Pass   |  |  |
| Remark:         1. Pass: The EUT complies with the essential requirements in the standard.         2. N/A: The EUT not applicable of the test item. |                   |        |  |  |
| Test Method: ANSI C63.4:2014  |                   |        |  |  |



# **5** General Information

## 5.1 Client Information

| Applicant:    | TECNO MOBILE LIMITED   |
|---------------|--|
| Address:      | FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI<br>STREET FOTAN NT  |
| Manufacturer: | TECNO MOBILE LIMITED   |
| Address:      | FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI<br>STREET FOTAN NT  |
| Factory:      | SHENZHEN TECNO TECHNOLOGY CO., LTD.  |
| Address:      | 101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China |

## 5.2 General Description of E.U.T.

| Product Name:          | Mobile Phone  |
|------------------------|---|
| Model No.:             | A571LS  |
| Power supply:          | Rechargeable Li-ion Battery DC3.8V, 2950mAh                                   |
| AC adapter:            | Model:A18A-050100U-US2  |
|                        | Input: AC100-240V, 50/60Hz, 0.2A  |
|                        | Output: DC 5.0V, 1A   |
| Test Sample Condition: | The test samples were provided in good working order with no visible defects. |

## 5.3 Test Mode

| Operating mode                 | Detail description  |
|--------------------------------|---|
| PC mode                        | Keep the EUT in Downloading mode(Worst case)                        |
| Charging+Recording mode        | Keep the EUT in Charging+Recording mode                             |
| Charging+Playing mode          | Keep the EUT in Charging+Playing mode                               |
| FM mode                        | Keep the EUT in FM receiver mode                                    |
| GPS mode                       | Keep the EUT in GPS receiver mode                                   |
| The equals was placed 0.0m abo | the ground plane of 2m chember. Measurements in both berizontal and |

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.



## 5.4 Measurement Uncertainty

| Parameters                          | Expanded Uncertainty |
|-------------------------------------|----------------------|
| Conducted Emission (9kHz ~ 30MHz)   | ±1.60 dB (k=2)       |
| Radiated Emission (9kHz ~ 30MHz)    | ±3.12 dB (k=2)       |
| Radiated Emission (30MHz ~ 1000MHz) | ±4.32 dB (k=2)       |
| Radiated Emission (1GHz ~ 18GHz)    | ±5.16 dB (k=2)       |
| Radiated Emission (18GHz ~ 40GHz)   | ±3.20 dB (k=2)       |

## 5.5 Description of Support Units

| Manufacturer | Description | Model             | Serial Number | FCC ID/DoC |
|--------------|-------------|-------------------|---------------|------------|
| DELL         | PC          | OPTIPLEX7070      | 2J8XSZ2       | DoC        |
| DELL         | MONITOR     | SE2018HR          | 3M7QPY2       | DoC        |
| DELL         | KEYBOARD    | KB216d            | N/A           | DoC        |
| DELL         | MOUSE       | MS116t1           | N/A           | DoC        |
| HP           | Printer     | HP LaserJet P1007 | VNFP409729    | DoC        |

## 5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

## 5.7 Description of Cable Used

| Cable Type Description |            | Length | From | То         |
|------------------------|------------|--------|------|------------|
| Detached USB Cable     | Shielding  | 1.0m   | EUT  | PC/Adapter |
| Detached headset cable | Unshielded | 0.9m   | EUT  | Headset    |

## 5.8 Additions to, deviations, or exclusions from the method

No

## 5.9 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

#### • FCC - Designation No.: CN1211

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

#### • ISED – CAB identifier.: CN0021

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

#### • A2LA - Registration No.: 4346.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <u>https://portal.a2la.org/scopepdf/4346-01.pdf</u>

## 5.10 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd. Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Email: info@ccis-cb.com, Website: <u>http://www.ccis-cb.com</u>

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# 5.11 Test Instruments list

| Radiated Emission: |                 |               |                    |                         |                             |  |
|--------------------|-----------------|---------------|--------------------|-------------------------|-----------------------------|--|
| Test Equipment     | Manufacturer    | Model No.     | Serial No.         | Cal. Date<br>(mm-dd-yy) | Cal. Due date<br>(mm-dd-yy) |  |
| 3m SAC             | ETS             | 9m*6m*6m      | 966                | 01-19-2021              | 01-18-2024                  |  |
| Loop Antenna       | SCHWARZBECK     | FMZB1519B     | 00044              | 03-07-2020              | 03-06-2021                  |  |
| BiConiLog Antenna  | SCHWARZBECK     | VULB9163      | 497                | 03-03-2021              | 03-02-2022                  |  |
| Horn Antenna       | SCHWARZBECK     | BBHA9120D     | 916                | 03-03-2021              | 03-02-2022                  |  |
| Horn Antenna       | SCHWARZBECK     | BBHA9120D     | 1805               | 06-18-2020              | 06-17-2021                  |  |
| Horn Antenna       | SCHWARZBECK     | BBHA 9170     | BBHA9170582        | 11-18-2020              | 11-17-2021                  |  |
| EMI Test Software  | AUDIX           | E3            | Version: 6.110919b |                         | b                           |  |
| Pre-amplifier      | HP              | 8447D         | 2944A09358         | 03-03-2021              | 03-02-2022                  |  |
| Pre-amplifier      | CD              | PAP-1G18      | 11804              | 03-03-2021              | 03-02-2022                  |  |
| Spectrum analyzer  | Rohde & Schwarz | FSP30         | 101454             | 03-03-2021              | 03-02-2022                  |  |
| Spectrum analyzer  | Rohde & Schwarz | FSP40         | 100363             | 11-18-2020              | 11-17-2021                  |  |
| EMI Test Receiver  | Rohde & Schwarz | ESRP7         | 101070             | 03-03-2021              | 03-02-2022                  |  |
| Cable              | ZDECL           | Z108-NJ-NJ-81 | 1608458            | 03-03-2021              | 03-02-2022                  |  |
| Cable              | MICRO-COAX      | MFR64639      | K10742-5           | 03-03-2021              | 03-02-2022                  |  |
| Cable              | SUHNER          | SUCOFLEX100   | 58193/4PE          | 03-03-2021              | 03-02-2022                  |  |

| Conducted Emission: |                 |            |                    |                         |                             |  |  |
|---------------------|-----------------|------------|--------------------|-------------------------|-----------------------------|--|--|
| Test Equipment      | Manufacturer    | Model No.  | Serial No.         | Cal. Date<br>(mm-dd-yy) | Cal. Due date<br>(mm-dd-yy) |  |  |
| EMI Test Receiver   | Rohde & Schwarz | ESCI       | 101189             | 03-03-2021              | 03-02-2022                  |  |  |
| Pulse Limiter       | SCHWARZBECK     | OSRAM 2306 | 9731               | 03-03-2021              | 03-02-2022                  |  |  |
| LISN                | CHASE           | MN2050D    | 1447               | 03-03-2021              | 03-02-2022                  |  |  |
| LISN                | Rohde & Schwarz | ESH3-Z5    | 8438621/010        | 06-18-2020              | 06-17-2021                  |  |  |
| Cable               | HP              | 10503A     | N/A                | 03-03-2021              | 03-02-2022                  |  |  |
| EMI Test Software   | AUDIX           | E3         | Version: 6.110919b |                         |                             |  |  |





# 6 Test results and Measurement Data

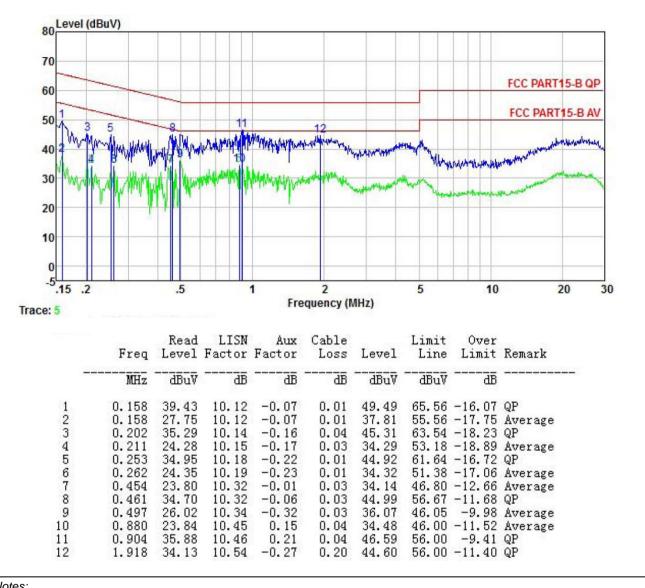
## 6.1 Conducted Emission

| Test Requirement:     | FCC Part 15 B Section 15.107  |  |   |
|-----------------------|---|--|---|
| •                     |   |  |   |
| Test Frequency Range: | 150kHz to 30MHz   |  |   |
| Class / Severity:     | Class B   |  |   |
| Receiver setup:       | RBW=9kHz, VBW=30kHz   |  |   |
| Limit:                | Frequency range (MHz)   |  | (dBµV)  |
|                       |   | Quasi-peak   | Average   |
|                       | 0.15-0.5  | 66 to 56*  | 56 to 46*   |
|                       | 0.5-5<br>0.5-30   | 56<br>60   | 46<br>50  |
|                       | * Decreases with the logarithm  |  | 50  |
| Testesting            |   | or the frequency.  |   |
| Test setup:           | Reference Plane   |  |   |
|                       | Test table/Insulation plane<br>Remark:<br>E. U. T: Equipment Under Test<br>LISN: Line impedence Stabilization Network<br>Test table height=0.8m   | EMI<br>Receiver  |   |
| Test procedure        | <ol> <li>The E.U.T and simulators are<br/>impedance stabilization netw<br/>coupling impedance for the n</li> <li>The peripheral devices are a<br/>LISN that provides a 500hm/<br/>termination. (Please refers to<br/>photographs).</li> <li>Both sides of A.C. line are<br/>interference. In order to fin<br/>positions of equipment and<br/>according to ANSI C63.4(late)</li> </ol> | ork(L.I.S.N.). The prov<br>neasuring equipment.<br>Iso connected to the m<br>50uH coupling impeda<br>the block diagram of t<br>checked for maximum<br>d the maximum emissi<br>all of the interface cab | ide a 50ohm/50uH<br>ain power through a<br>nce with 50ohm<br>he test setup and<br>conducted<br>on, the relative<br>oles must be changed |
| Test Instruments:     | Refer to section 5.11 for details   |  |   |
| Test mode:            | Refer to section 5.3 for details  |  |   |
| Test results:         | Pass  |  |   |



#### Measurement data:

| Product name:   | Mobile Phone     | Product model: | A571LS                |
|-----------------|------------------|----------------|-----------------------|
| Test by:        | Yaro             | Test mode:     | PC mode               |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Line                  |
| Test voltage:   | AC 120 V/60 Hz   | Environment:   | Temp: 22.5℃ Huni: 55% |



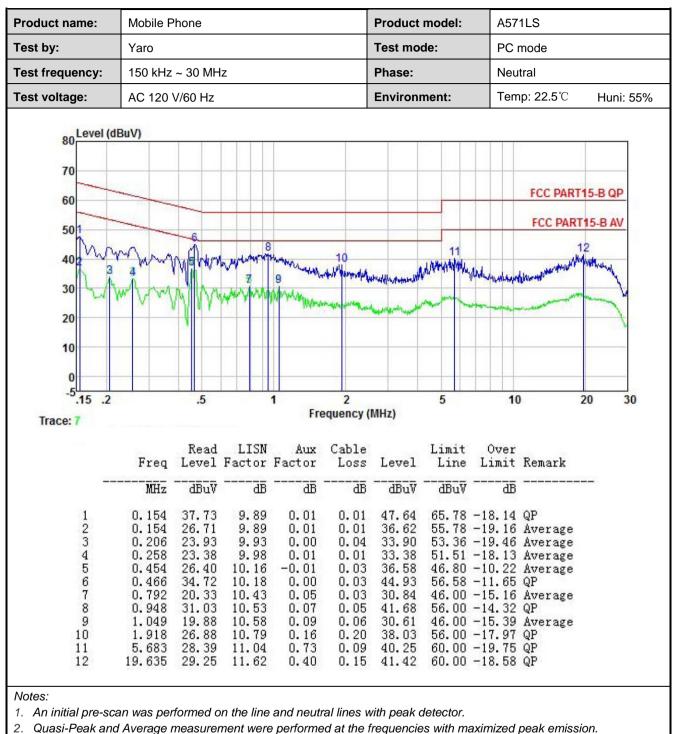
Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.

2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

3. Final Level =Receiver Read level + LISN Factor + Cable Loss.





3. Final Level =Receiver Read level + LISN Factor + Cable Loss.





## 6.2 Radiated Emission

| Test Requirement:     | FCC Part 15 B Se  | ection 15.109  | 9  |  |  |  |  |
|-----------------------|---|--|--|--|--|--|--|
| Test Frequency Range: | 30MHz to 6000MH   | Hz   |  |  |  |  |  |
| Test site:            | Measurement Dis   | tance: 3m (S   | Sem  | i-Anechoic (   | Chamber)   |  |  |
| Receiver setup:       | Frequency   | Detector   | r  | RBW  | VBW  | Remark   |  |
|                       | 30MHz-1GHz  | Quasi-pea  | ak   | 120kHz   | 300kHz   | Quasi-peak Value   |  |
|                       | Peal  |  |  | 1MHz   | 3MHz   | Peak Value   |  |
|                       | Above 1GHz RMS  |  |  | 1MHz   | 3MHz   | Average Value  |  |
| Limit:                | Frequenc  | y  | Lim  | nit (dBuV/m  | @3m)   | Remark   |  |
|                       | 30MHz-88M   | 1Hz  |  | 40.0   |  | Quasi-peak Value   |  |
|                       | 88MHz-216M  | MHz  |  | 43.5   |  | Quasi-peak Value   |  |
|                       | 216MHz-960  | MHz  |  | 46.0   |  | Quasi-peak Value   |  |
|                       | 960MHz-1G   | GHz  |  | 54.0   |  | Quasi-peak Value   |  |
|                       |   | 1-   |  | 54.0   |  | Average Value  |  |
|                       | Above 1G  | 12   |  | 74.0   |  | Peak Value   |  |
| Test setup:           | Below 1GHz  | 4m<br>4m<br>1m   |  | RFT  | Antenna Tower<br>Search<br>Antenna<br>Fest<br>iver                                     | ]  |  |
|                       |   |  |  | Horn Antenna<br>Horn Antenna<br>sece Plane   | Antenna Tower  |  |  |
| Test Procedure:       | ground at a 3 m<br>degrees to dete<br>2. The EUT was s<br>which was mou<br>3. The antenna he<br>ground to deter | neter semi-a<br>ermine the p<br>set 3 meters<br>unted on the<br>eight is varie<br>rmine the ma | aneclositi<br>awa<br>top<br>ed fro<br>axim | hoic camber<br>on of the hig<br>ay from the i<br>of a variable<br>om one mete<br>um value of | The table<br>ghest radiat<br>nterference<br>pheight an<br>er to four m<br>the field st | e-receiving antenna,<br>tenna tower.<br>neters above the |  |

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|                   | 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.  |
|-------------------|--|
|                   | 5. The test-receiver system was set to Peak Detect Function and Specified<br>Bandwidth with Maximum Hold Mode.   |
|                   | 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. |
| Test Instruments: | Refer to section 5.11 for details  |
| Test mode:        | Refer to section 5.3 for details   |
| Test results:     | Passed   |
| Remark:           | All of the observed value above 6GHz ware the niose floor , which were no recorded   |



#### Measurement Data:

#### Below 1GHz:

| roauci        | t Nam  | Mo  | bile P   | hone                                      | Э   |                       |  |  |   | P           | Produ  | duct Model: A571LS                       |   |  |                |                  |                       |                                      |                            |   |
|---------------|--|---|--|---|---|-----------------------|--|--|---|-------------|--|--|---|--|----------------|------------------|-----------------------|--------------------------------------|----------------------------|---|
| est By        | :  |   | Ya   | ro  |   |                       |  |  |   |             | Т  | Test mode: PC mode                       |   |  |                |                  |                       |                                      |                            |   |
| est Fre       | equen  | 30  | 30 MHz ~ 1 GHz   |   |   |                       | P  | Polarization:<br>Environment:                    |   |             | Ve   | Vertical<br>Temp: 24°C Huni: 579         |   |  |                |                  |                       |                                      |                            |   |
| est Vo        | Itage:   | AC  | AC 120/60Hz  |   |   | E                     | Те   |  |   |             | : 57º  |  |   |  |                |                  |                       |                                      |                            |   |
|               |  |   |  |   |   |                       |  |  |   |             |  |  |   |  |                |                  |                       |                                      |                            |   |
|               | 100 <sub>1</sub>   |   |  |   |   |                       |  |  | FCC PART  | 15 B CLA    | ISS B  |  |   |  |                |                  |                       |                                      |                            |   |
|               | 90-  |   |  |   |   |                       |  |  |   |             |  |  |   |  |                |                  |                       |                                      |                            |   |
|               | 80-  |   |  |   |   |                       |  |  |   |             |  |  |   |  |                |                  |                       |                                      |                            |   |
|               | 70   |   |  |   |   |                       |  |  |   |             |  |  |   |  |                |                  |                       |                                      |                            |   |
| Ē             | 60   |   |  |   |   |                       |  |  |   |             |  |  |   |  | 500            | DADT             | 45 0 01 46            |                                      | 1.1                        |   |
| Level[dBµV/m] | 50-  |   |  |   |   |                       |  |  |   |             |  |  |   |  | FUC            | PART             | 15 B CLAS             | 55 B-QI                              |                            |   |
| evel[         | 40   |   |  |   |   |                       |  |  |   |             |  |  |   |  |                |                  |                       |                                      |                            |   |
|               | 30   |   |  |   |   | 2                     |  |  |   | 3           |  | <b>†</b>                                 |   |  |                |                  | <b>∲</b> <sup>6</sup> |                                      |                            |   |
|               |  |   |  |   | •   | <b>●</b> <sup>2</sup> |  |  |   | ALL.        |  |  |   |  |                |                  |                       | 11.000                               | الماما                     |   |
|               | 20   |   |  |   |   | 4                     |  |  |   |             |  |  |   |  |                | - binn           | a destablished in the | and the second                       |                            |   |
|               | 20<br>10 - M   | wwww  | War and the  | Mu  | M   | WANT                  |  |  |   |             | a a alte av ter M  | white                                    |   | أوليه الإيان                                   |                |                  |                       |                                      |                            |   |
|               | 20<br>10 + M   | here war  | WiyonaMaan   | un the An                                 | WANT .  | Numan                 |  | nhydryc can bein                                 | malanagis   |             | natalianid   | dulldh                                   | La constra sticke                       | <b>و</b> ر و و و و و و و و و و و و و و و و و و |                |                  |                       |                                      |                            |   |
|               |  | h.m.vmu   | William  | envel                                     | WARNY'  | n <sub>ululu</sub> ra | Calify Prop. 1                             | 00M  |   | ancy[Hz]    | naadaala   | al whether                               |   | <b></b>  |                |                  |                       |                                      | 1G                         |   |
|               | 10 <b>10</b>   | WWWWW   | Wayersetters   | enne Au                                   | WARAN   | n <sub>umm</sub> ,    | Calify Prop. 1                             | _  |   | ency[Hz]    | an de la composition | dullet a                                 |   |  |                |                  |                       |                                      | 1G                         |   |
|               | 10 <b>10</b>   | QP Lim  |  | - Vertical                                | IPK   | 1                     | Calify Prop. 1                             | _  |   | ency[Hz]    | akipatel   | -tullaha                                 |   |  |                |                  |                       |                                      | 1G                         |   |
|               | 10 <b>10</b>   |   |  | - Vertical                                | IPK   | 1                     | Calify Prop. 1                             | _  |   | ency[Hz]    | n, e, digan da di  | .L.                                      |   |  |                |                  |                       |                                      | 1G                         |   |
|               | 10 <b>10</b>   | QP Det  | ector  |   | _   |                       | 1  | 00M  | Frequ   | _           |  |  | Marcai                                  |  |                |                  |                       |                                      | 1G                         | 1 |
| [             | 10 <b>10</b>   | QP Det     Fre  | ector<br>eq.e  | Read                                      | ling[   | d                     | Lev  | 00M<br>∕el⊷                                      | Frequ   | ,           | Lim  |  | Margi                                   |  | Trace          | e₽               | Po                    | larit                                |                            |   |
| ſ             | 10   | QP Det     Fre     [MH  | ector<br>eq.↩<br>┨z]↩  | Read<br>Bµ\                               | ding[<br>//m]   | d<br>J                | Lev<br>[dBµ\                               | 00M<br>∕el↩<br>V/m]₽                             | Frequ<br>Factor<br>[dB]-  | [           | Lim<br>dBµV  | //m]∂                                    | [dB]                                    | P  |                |                  |                       |                                      | y⇔                         |   |
|               | 10 - ₩ <sup>1</sup><br>30M                                     | <ul> <li>QP Det</li> <li>Free</li> <li>[MH</li> <li>38.0</li> </ul>   | ector<br>eq.↩<br>1z]↩<br>518↩                                  | Read<br>Bµ\<br>38                         | ding[<br>(/m]<br>.15₽   | d                     | Lev<br>[dBµ\<br>21.                        | 00M<br>vel⊷<br>V/m]⊷<br>14⊷                      | Frequ<br>Factor<br>[dB]-<br>-17.01                              |             | Lim<br>dBµV<br>40.0  | (/m]∘<br>)0 <i>∘</i>                     | [dB]<br>18.86                           |  | PK             | P                | Ve                    | rtica                                | y.₽                        |   |
|               | 10 - ₩ <sup>1</sup><br>30M                                     | <ul> <li>QP Det</li> <li>Free</li> <li>[MH</li> <li>38.0</li> <li>70.1</li> </ul>                             | ector<br>eq.↩<br>1z]↩<br>518↩<br>620↩                          | Read<br>Bµ\<br>38<br>45                   | ding[<br>//m]∝<br>. <u>15</u> ₽<br>.34₽   | d<br>2                | Lev<br>[dBµ\<br>21.:<br>26.2               | /el↩<br>乂//m]↩<br>14↩<br>29↩                     | Frequ<br>Factor<br>[dB]-<br>-17.01<br>-19.05                    |             | Lim<br>dBµV<br>40.0<br>40.0  | (/m]↩<br>)0↩<br>)0↩                      | [dB]<br>18.80<br>13.7                   | ₽<br>6₽<br>1₽                                  | PK<br>PK       | e<br>e           | Ve<br>Ve              | rtica<br>rtica                       | у<br>                      |   |
|               | 10 ↓ M<br>0<br>30M<br>NO<br>1.₽<br>2.₽<br>3.₽                  | <ul> <li>QP Det</li> <li>Free</li> <li>[MH</li> <li>38.0</li> <li>70.1</li> <li>172.</li> </ul>               | ector<br>eq.↔<br>Hz]↔<br>518↔<br>620↔<br>410                   | Read<br>Вµ\<br>38<br>45<br>50             | ling[<br>//m]<br>.15₽<br>.34₽<br>.24₽   | d<br>2                | Lev<br>[dBµ\<br>21.<br>26.<br>31.4         | vele<br>⊻/m]e<br>14e<br>29e<br>41e               | Frequ<br>Factor<br>[dB]<br>-17.01<br>-19.05<br>-18.83           | ,<br>,<br>, | Lim<br>dBµV<br>40.0<br>40.0<br>43.5  | (/m]₀<br>)0₊<br>)0₊<br>50₊               | [dB]<br>18.80<br>13.71<br>12.09         | ≠<br>6≠<br>1≠<br>9≠                            | PK<br>PK<br>PK | е<br>е<br>е      | Ve<br>Ve<br>Ve        | rtica<br>rtica                       | у»<br> 0<br> 0<br> 0       |   |
|               | 10 ↓ M<br>0<br>30M<br>NO<br>1 +<br>2 +<br>2<br>3 -<br>2<br>4 + | <ul> <li>QP Det</li> <li>Free</li> <li>[MH</li> <li>38.0</li> <li>70.1</li> <li>172.</li> <li>239.</li> </ul> | ector<br>eq.↔<br>Hz]↔<br>518↔<br>620↔<br>410<br>929            | Read<br>Bµ\<br>38<br>45<br>50<br>51       | ding[<br>//m]<br>. <u>15، المعالم</u><br>. <u>34، المعالم</u><br>. <u>30، المعالم</u> | d<br>                 | Lev<br>[dBµ\<br>21.<br>26.<br>31.4<br>35.4 | vel.<br>V/m].<br>14.<br>29.<br>41.<br>44.        | Frequ<br>Factor<br>[dB]<br>-17.01<br>-19.05<br>-18.83<br>-15.86 |             | Lim<br>dBµV<br>40.0<br>40.0<br>43.5<br>46.0  | (/m]₀<br>)0₊<br>)0₊<br>)0₊<br>00₊<br>)0₊ | [dB]<br>18.80<br>13.7<br>12.09<br>10.50 | ₽<br>6₽<br>1₽<br>9₽<br>6₽                      | PK<br>PK<br>PK | م<br>م<br>م      | Ve<br>Ve<br>Ve<br>Ve  | ertica<br>ertica<br>ertica<br>ertica | у»<br> e<br> e<br> e       |   |
|               | 10 ↓ M<br>0<br>30M<br>NO<br>1.₽<br>2.₽<br>3.₽                  | <ul> <li>QP Det</li> <li>Free</li> <li>[MH</li> <li>38.0</li> <li>70.1</li> <li>172.</li> </ul>               | ector<br>eq.+/<br>tz]-/<br>518+/<br>620+/<br>410<br>929<br>028 | Read<br>Bµ\<br>38<br>45<br>50<br>51<br>35 | ling[<br>//m]<br>.15₽<br>.34₽<br>.24₽   | 2                     | Lev<br>[dBµ\<br>21.<br>26.<br>31.4         | /el↩<br>V/m]↩<br>14↩<br>29↩<br>41↩<br>44↩<br>02↩ | Frequ<br>Factor<br>[dB]<br>-17.01<br>-19.05<br>-18.83           |             | Lim<br>dBµV<br>40.0<br>40.0<br>43.5  | //m]<br>)0<br>)0<br>)0<br>)0<br>)0<br>)0 | [dB]<br>18.80<br>13.71<br>12.09         | ⊭<br>6₽<br>1₽<br>9₽<br>6₽<br>8₽                | PK<br>PK<br>PK | 9<br>9<br>9<br>9 | Ve<br>Ve<br>Ve<br>Ve  | rtica<br>rtica                       | уе<br> е<br> е<br> е<br> е |   |

3. The Aux Factor is a notch filter switch box loss, this item is not used.



| Product        | t Name   | e:   | lobile Pho   | one   |   |   | Prod  | uct Model:   | A571                     | LS   |   |  |  |  |
|----------------|--|--|--|---|---|---|---|--|--------------------------|--|---|--|--|--|
| Fest By        | :  |  | ′aro   |   |   |   | Test  | mode:  | PC m                     | PC mode  |   |  |  |  |
| Fest Fre       | equen  | cy:  | 60 MHz ~ <sup>-</sup>  | · 1 GHz   |   |   |   | ization:   | Horizo                   | Horizontal   |   |  |  |  |
| Fest Vo        | Itage:   |  | C 120/60   | )Hz   |   | Environment:                                      |   |  | Temp: 24℃ Hun            |  |   |  |  |  |
|                |  |  |  |   |   |   |   |  |                          |  |   |  |  |  |
|                | 100  |  |  |   |   | FCC PART 15 E                                     | CLASS B   |  |                          |  |   |  |  |  |
|                | 90   |  |  |   |   |   |   |  |                          |  |   |  |  |  |
|                | 80   |  |  |   |   |   |   |  |                          |  |   |  |  |  |
|                | 70   |  |  |   |   |   |   |  |                          |  |   |  |  |  |
| Ę              | 60   |  |  |   |   |   |   |  | 500 DAD                  | RT 15 B CLASS B-   | DD Limit  |  |  |  |
| Level[dBµ\//m] | 50   |  |  |   |   |   |   |  | FUUPAR                   | (TTO BICLASS B-  |   |  |  |  |
| evel[o         | 40   |  |  |   |   |   | 4   |  |                          | •  |   |  |  |  |
| -              | 30   |  |  |   |   | • <sup>3</sup>                                    |   |  | <b>♦</b> <sup>5</sup>    |  |   |  |  |  |
|                |  |  |  | 2   |   | AN A  | 44L 1.1   |  |                          | المالين أرا  | 1 July  |  |  |  |
|                | 20+  |  |  |   |   |   |   |  | A                        | THE REPORT OF TH | A second state and the second s |  |  |  |
|                | 20   | 1  |  | AN No.  | W   |   | The second second                                     | When the state of  | New Constantion          |  |   |  |  |  |
|                | 10<br>0  | n manager and a star   | in white a second s                   | ,,,// <sup>**</sup> %,,,                        | Waymin and a contraction of the second  | www.www.  | Washaren Martin                                       | Welling and the state of the st |                          |  |   |  |  |  |
|                |  | annonno l <sup>an</sup> un de contra   | way and a second and   | ,   | May Managaratal man Mark  | werman  |   | Maria Japan Maria An   |                          |  | 1G  |  |  |  |
|                | 10   | norman and the standing  | an a   | ,   | Hannan an a   | Frequenc  | y[Hz]   | 9844.9648944444<br>  |                          |  | 1G  |  |  |  |
|                | 10   | QP Limit   | مريسيين معامل المعامل ا<br>—— Horizontal | IPK   | Window With Mark  | Frequency   | y[Hz]   |  |                          |  | 1G  |  |  |  |
|                | 10   |  |  | IPK   | Hander of the second | Frequence   | y[Hz]   |  |                          |  | 1G  |  |  |  |
|                | 10   | QP Detector  |  |   |   |   |   |  |                          |  | 16  |  |  |  |
|                |  | QP Detector  | Readin   | ng[d  | Level   | Factor  | Limite  | Margine  | Trace                    | Polari   |   |  |  |  |
|                | 10   | QP Detector  |  | ng[d  |   |   |   | Margin.∉<br>[dB]∉  | Trace                    | Polari   |   |  |  |  |
|                |  | <ul> <li>QP Detector</li> <li>Freq</li> <li>[MHz]</li> <li>40.1860</li> </ul>  | Readir<br>BµV/r<br>28.4  | ng[d<br>m]₀<br>7₽                               | Level   | Factor  | Limit.<br>[dBµV/m]∞<br>40.00⊷                         | _  | Trace-<br>PK⊷            | Polari<br>Horizor  | ty⊴   |  |  |  |
|                | 10 (~~~<br>0<br>30M<br>NO.↔<br>1↔<br>2↔  | <ul> <li>QP Detector</li> <li>Freq</li> <li>[MHz]</li> <li>40.1860</li> <li>69.4829</li> </ul>                                     | Readir<br>BµV/r<br>28.4<br>28.4  | ng[d<br>m]∂<br>7₽<br>9₽                         | Level<br>[dBµV/m]<br>11.65<br>23.68₽  | Factor⊮<br>[dB]-<br>-16.82-<br>-18.91-            | Limit.→<br>[dBµV/m].→<br>40.00.→<br>40.00.→           | [dB].<br>28.35.<br>16.32.  | PK₀<br>PK₀               | Horizor<br>Horizor   | ty⊳<br>ntal⊋<br>ntal⊋   |  |  |  |
|                | 10 /////<br>0<br>30M<br>NO.≁<br>1 ℓ <sup>3</sup><br>2 ℓ <sup>3</sup><br>3 ℓ <sup>3</sup> | <ul> <li>QP Detector</li> <li>Freq</li> <li>[MHz]-</li> <li>40.1860</li> <li>69.4829</li> <li>172.604</li> </ul>                   | Readir<br>BµV/r  | ng[d<br>m]∂<br>7₽<br>9₽                         | Level↔<br>[dBµV/m]∞<br>11.65↔<br>23.68↔<br>35.48↔   | Factor⊮<br>[dB]∞<br>-16.82¢<br>-18.91¢<br>-18.83¢ | Limit<br>[dBµV/m]<br>40.00+<br>40.00+<br>43.50+       | [dB]₀<br>28.35₀<br>16.32₀<br>8.02₀   | PK₽<br>PK₽<br>PK₽        | Horizor<br>Horizor<br>Horizor  | ty∞<br>ntal∞<br>ntal∞<br>ntal∞  |  |  |  |
|                | NO   | <ul> <li>QP Detector</li> <li>Freq.#</li> <li>[MHz]</li> <li>40.1860</li> <li>69.4829</li> <li>172.604</li> <li>239.929</li> </ul> | Readin<br>BµV/r<br>28.4<br>28.4<br>42.5<br>54.3<br>56.0  | ng[d<br>m]₀<br>7₊<br>9₊<br>1₊<br>3₊             | Level↓<br>[dBµV/m]↓<br>11.65↓<br>23.68↓<br>35.48↓<br>40.17↓   | Factor  | Limit<br>[dBµV/m]<br>40.00<br>40.00<br>43.50<br>46.00 | [dB]-<br>28.35-<br>16.32-<br>8.02-<br>5.83-  | PKe<br>PKe<br>PKe<br>PKe | Horizor<br>Horizor<br>Horizor<br>Horizor   | ty∍<br>ntal₽<br>ntal₽<br>ntal₽<br>ntal₽   |  |  |  |
|                | 10 /////<br>0<br>30M<br>NO.≁<br>1 ℓ <sup>3</sup><br>2 ℓ <sup>3</sup><br>3 ℓ <sup>3</sup> | <ul> <li>QP Detector</li> <li>Freq</li> <li>[MHz]-</li> <li>40.1860</li> <li>69.4829</li> <li>172.604</li> </ul>                   | Readin<br>BµV/r<br>28.4<br>42.5<br>54.3<br>56.0<br>44.2  | ng[d<br>m]₀<br>7.₀<br>9.₀<br>11.₀<br>3.₀<br>8.₀ | Level↔<br>[dBµV/m]∞<br>11.65↔<br>23.68↔<br>35.48↔   | Factor⊮<br>[dB]∞<br>-16.82¢<br>-18.91¢<br>-18.83¢ | Limit<br>[dBµV/m]<br>40.00+<br>40.00+<br>43.50+       | [dB]₀<br>28.35₀<br>16.32₀<br>8.02₀   | PK₽<br>PK₽<br>PK₽        | Horizor<br>Horizor<br>Horizor  | ty⇒<br>ntal⊋<br>ntal₽<br>ntal₽<br>ntal₽<br>ntal₽  |  |  |  |

2. The emission levels of other frequencies are very lower than the limit and not show in test report.

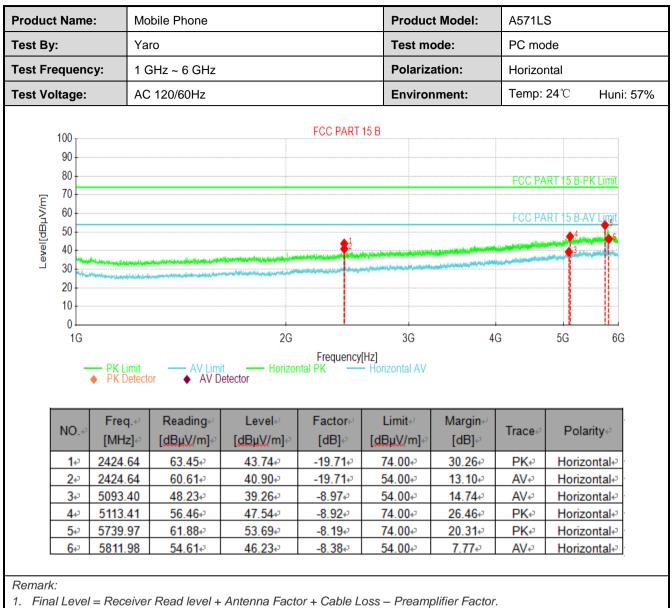
3. The Aux Factor is a notch filter switch box loss, this item is not used.



#### Above 1GHz:

|   |   | bile Phone   |   |  | Product  | t Model:   | A571LS   | S                         |                                       |  |
|---|---|--|---|--|--|--|--|---------------------------|---------------------------------------|--|
| Test By:  |   | ro   |   |  | Test mo  | Test mode: PC mode                               |  |                           |                                       |  |
| ency:   | 10  | GHz ~ 6 GHz  |   |  | Polariza   | Vertical   |  |                           |                                       |  |
| le:   | AC  | C 120/60Hz Environment:  |   |  |  |  |  | <b>24</b> ℃               | Huni: 57%                             |  |
|   |   |  |   |  | 15 D   |  |  |                           |                                       |  |
|   |   |  |   | FUU FART                                 |  |  |  |                           |                                       |  |
|   |   |  |   |  |  |  | ECC DA   |                           | ( ) imit                              |  |
|   |   |  |   |  |  |  | FUUPA  |                           |                                       |  |
|   |   |  |   |  |  |  | FCC PA   | RT 15 B-A                 | 7 Limit                               |  |
|   |   |  |   | <b></b> 1                                |  |  |  | <sup>3</sup>              |                                       |  |
| -   | A showing to set  | a fan yw ar til an til Managara ar the   | والمالية والمتحرين والمالية والمالية والمالية والمالية والمالية والمتحادية والمتح                                   |  | والمتحادث فيتعادون والمعار ويدفرهم                             | والملوغا بعلويت والملاجعة بالتحقيق               | وماليك في معالية معالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية المعا | -                         |                                       |  |
| - المحديث بالمعالية المعالية ا |   | مۇرىلىرىيە بەلىرىلىرىكى بەلىرىكى بەلىرىكى بەلىرىكى بىلىكى بىلىكى بىلىكى بىلىكى بىلىكى بىلىكى بىلىكى بىلىكى بىلى<br>يىلىرىكى بىلىكى بىلى |   | an a |  |  |  |                           |                                       |  |
|   |   |  |   |  |  |  |  |                           |                                       |  |
|   |   |  |   |  |  |  |  |                           |                                       |  |
|   |   |  |   |  |  |  |  |                           |                                       |  |
| G   |   |  | 2G  |  | 3G   | 4  | G  | 5G                        | 6G                                    |  |
| — РК  | Limit   | — AV Limi  | t — Vertica   | Frequency                                |  | 4  | G  | 5G                        | 6G                                    |  |
| — РК  | Limit<br>Detecto  |  | t — Vertica   |  | [Hz]   | 4  | G  | 5G                        | 6G                                    |  |
| → <b>РК</b><br>◆ РК   | Detecto   | or 🔶 AV Do   | t — Vertica<br>etector  | IРК — \                                  | [Hz]<br>/ertical AV  |  | G  | 5G                        | 6G                                    |  |
| PK  | Detecto<br>eq.≁   | or ♦ AV D<br>Reading   | t Vertica<br>etector<br>Level⊷≀   | Factor⊮                                  | [Hz]<br>/ertical AV<br>Limit⊷                                  | Margine  | G<br>Trace↩  | 5G<br>Polar               | _                                     |  |
| → PK<br>→ PK  | Detecto<br>eq.≁<br>Hz]₽                                   | Reading⊬<br>[dBµV/m]⊮  | t Vertica<br>etector<br>Level↩<br>[dBµV/m]↩   | Factore<br>[dB]e                         | [Hz]<br>/ertical AV<br>Limit↔<br>[dBµV/m]↔                     | Margin⊮<br>[dB]₽                                 | Trace⊮   | Polar                     | rity⇔                                 |  |
| PK  | Detecto<br>eq.≁<br>Hz]₽<br>3.14                           | or ♦ AV D<br>Reading   | t Vertica<br>etector<br>Level⊷≀   | Factor⊮                                  | [Hz]<br>/ertical AV<br>Limit⊷                                  | Margine  |  |                           | rity.₀<br>cal₊                        |  |
| PK<br>PK  | Detecto<br>eq.≁<br>Hz]≁<br>3.14<br>3.64                   | Pr ♦ AV Di<br>Reading<br>(dBµV/m)<br>63.51   | t Vertica<br>etector<br>Level↩<br>[dBµV/m]↩<br>43.82↩   | Factor.e<br>[dB].e<br>-19.69.e           | [Hz]<br>/ertical AV<br>Limit⊷<br>[dBµV/m]↩<br>74.00↩           | Margin⊮<br>[dB]₽<br>30.18₽                       | Trace₽<br>PK₽  | Polar                     | rity∻<br>cal≁<br>cal≁                 |  |
| PK<br>PK<br>PK<br>PK<br>PK<br>PK<br>PK<br>PK<br>PK<br>PK<br>PK<br>PK<br>PK<br>P                                 | Petecto<br>eq↓<br>Hz]↓<br>3.14<br>3.64<br>7.91            | Reading-<br>[dBµV/m]-<br>56.75-  | t Vertica<br>etector<br>[dBµV/m]↔<br>43.82↔<br>37.06↔   | Factor#<br>[dB]#<br>-19.69#<br>-19.69#   | [Hz]<br>/ertical AV<br>Limit↩<br>[dBµV/m]↩<br>74.00↩<br>54.00↩ | Margin⊮<br>[dB]₽<br>30.18₽<br>16.94₽             | Trace.<br>PK.<br>AV.   | Polar<br>Vertio<br>Vertio | rity≄<br>cal≁<br>cal≁<br>cal≁         |  |
| PK  | Petecto<br>eq. ↓<br>Hz] ↓<br>3.14<br>3.64<br>7.91<br>3.41 | Reading≁<br>[dBµV/m]≁<br>63.51≁<br>56.75↔<br>56.69≁  | t Vertica<br>etector<br>[dBµV/m]+ <sup>2</sup><br>43.82+ <sup>3</sup><br>37.06+ <sup>3</sup><br>47.74+ <sup>3</sup> | Factore<br>[dB]e<br>-19.69e<br>-8.95e    | [Hz]<br>/ertical AV<br>[dBµV/m]↔<br>74.00↔<br>54.00↔<br>74.00↔ | Margin.√<br>[dB].⊅<br>30.18↔<br>16.94↔<br>26.26↔ | Trace∂<br>PK∂<br>AV∂<br>PK₽  | Polar<br>Vertio<br>Vertio | rity₊<br>cal₊<br>cal₊<br>cal₊<br>cal₊ |  |
|   | e:  | e: AC  | e: AC 120/60Hz  | e: AC 120/60Hz                           |  | e: AC 120/60Hz Environ                           |  | FCC PART 15 B             |                                       |  |





2. The emission levels of other frequencies are very lower than the limit and not show in test report.