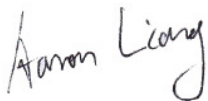
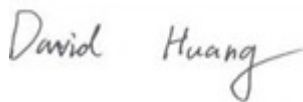



RF EXPOSURE REPORT



Report No.: 17071343-FCC-H2

Supersede Report No.: N/A

| | | |
|--|---|---|
| Applicant | BLU Products, Inc. | |
| Product Name | Mobile Phone | |
| Model No. | STUDIO VIEW MEGA | |
| Serial No. | N/A | |
| Test Standard | FCC 2.1093:2016 | |
| Test Date | December 21, 2017 to March 06, 2018 | |
| Issue Date | March 07, 2018 | |
| Test Result | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | |
| Equipment complied with the specification <input checked="" type="checkbox"/> | | |
| Equipment did not comply with the specification <input type="checkbox"/> | | |
|  |  |  |
| Aaron Liang Test Engineer | David Huang Checked By | |
| This test report may be reproduced in full only Test result presented in this test report is applicable to the tested sample only | | |

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES

Zone A, Floor 1, Building 2 Wan Ye Long Technology Park

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Laboratories Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

Accreditations for Conformity Assessment

| Country/Region | Scope |
|----------------|------------------------------------|
| USA | EMC, RF/Wireless, SAR, Telecom |
| Canada | EMC, RF/Wireless, SAR, Telecom |
| Taiwan | EMC, RF, Telecom, SAR, Safety |
| Hong Kong | RF/Wireless, SAR, Telecom |
| Australia | EMC, RF, Telecom, SAR, Safety |
| Korea | EMI, EMS, RF, SAR, Telecom, Safety |
| Japan | EMI, RF/Wireless, SAR, Telecom |
| Singapore | EMC, RF, SAR, Telecom |
| Europe | EMC, RF, SAR, Telecom, Safety |

| | |
|-------------|-----------------|
| Test Report | 17071343-FCC-H2 |
| Page | 3 of 9 |

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CONTENTS

| | |
|--|---|
| 1. REPORT REVISION HISTORY | 5 |
| 2. CUSTOMER INFORMATION | 5 |
| 3. TEST SITE INFORMATION | 5 |
| 4. EQUIPMENT UNDER TEST (EUT) INFORMATION | 6 |
| 5. FCC §2.1093 - RADIOFREQUENCY RADIATION EXPOSURE EVALUATION: PORTABLE DEVICES. | 8 |
| 5.1 RF EXPOSURE..... | 8 |
| 5.2 TEST RESULT | 9 |

1. Report Revision History

| Report No. | Report Version | Description | Issue Date |
|-----------------|----------------|-------------|----------------|
| 17071343-FCC-H2 | NONE | Original | March 07, 2018 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

2. Customer information

| | |
|------------------|--|
| Applicant Name | BLU Products, Inc. |
| Applicant Add | 10814 NW 33rd St # 100 Doral, FL 33172 |
| Manufacturer | BLU Products, Inc. |
| Manufacturer Add | 10814 NW 33rd St # 100 Doral, FL 33172 |

3. Test site information

| | |
|----------------------|--|
| Lab performing tests | SIEMIC (Shenzhen-China) LABORATORIES |
| Lab Address | Zone A, Floor 1, Building 2 Wan Ye Long Technology Park South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108 |
| FCC Test Site No. | 535293 |
| IC Test Site No. | 4842E-1 |
| Test Software | Radiated Emission Program-To Shenzhen v2.0 |

4. Equipment under Test (EUT) Information

Description of EUT: Mobile Phone

Main Model: STUDIO VIEW MEGA

Serial Model: N/A

Date EUT received: December 20, 2017

Test Date(s): December 21, 2017 to March 06, 2018

Antenna Gain: GSM850: -3.8dBi
PCS1900: -2.4dBi
UMTS-FDD Band V: -3.8dBi
UMTS-FDD Band IV: -2.3dBi
UMTS-FDD Band II: -2.7dBi
WIFI: -3.6dBi
Bluetooth/BLE: -3.3dBi
GPS: -3.3dBi

Antenna Type: PIFA Antenna

Type of Modulation: GSM / GPRS: GMSK
EGPRS: GMSK
UMTS-FDD: QPSK
802.11b/g/n: DSSS, OFDM
Bluetooth: GFSK, π /4DQPSK, 8DPSK
BLE: GFSK
GPS: BPSK

| | |
|-------------------------------|--|
| | GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz |
| | PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz |
| | UMTS-FDD Band V TX: 826.4 ~ 846.6 MHz; RX: 871.4 ~ 891.6 MHz |
| | UMTS-FDD Band II TX:1852.4 ~ 1907.6 MHz; |
| | RX: 1932.4 ~ 1987.6 MHz |
| RF Operating Frequency (ies): | UMTS-FDD Band IV TX:1712.4 ~ 1752.6 MHz; |
| | RX : 2112.4 ~ 2152.6 MHz |
| | WIFI: 802.11b/g/n(20M): 2412-2462 MHz |
| | WIFI: 802.11n(40M): 2422-2452 MHz |
| | Bluetooth& BLE: 2402-2480 MHz |
| | GPS: 1575.42 MHz |
| | GSM 850: 124CH |
| | PCS1900: 299CH |
| | UMTS-FDD Band V: 102CH |
| | UMTS-FDD Band IV: 202CH |
| | UMTS-FDD Band II: 277CH |
| Number of Channels: | WIFI :802.11b/g/n(20M): 11CH |
| | WIFI :802.11n(40M): 7CH |
| | Bluetooth: 79CH |
| | BLE: 40CH |
| | GPS:1CH |
| Port: | USB Port, Earphone Port |
| | Adapter: |
| | Model: TPA-46050200UU |
| | Input: AC100-240V~50/60Hz,0.3A |
| | Output: DC 5V, 2A |
| Input Power: | Battery |
| | Model: C876440350P |
| | Voltage: 3.8V, 13.3Wh |
| | Battery Capacity: 3500mAh |
| Trade Name : | BLU |
| GPRS/EGPRS Multi-slot class | 8/10/11/12 |
| FCC ID: | YHLBLUSTVIEWMG |

5. FCC §2.1093 - Radiofrequency radiation exposure evaluation: portable devices.

5.1 RF Exposure

Standard Requirement:

According to §15.247 (i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{\text{(GHz)}}}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,¹⁶ where

- $f_{\text{(GHz)}}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval.

$$\text{result} = P\sqrt{F} / D$$

P= Maximum turn-up power in mW

F= Channel frequency in GHz

D= Minimum test separation distance in mm

5.2 Test Result

Bluetooth Mode:

| Modulation | CH | Frequency (MHz) | Conducted Power (dBm) | Tune Up Power (dBm) | Max Tune Up Power (dBm) | Max Tune Up Power (mW) | Result | Limit |
|----------------|------|-----------------|-----------------------|---------------------|-------------------------|------------------------|--------|-------|
| GFSK | Low | 2402 | 4.08 | 4±1 | 5 | 3.162 | 0.98 | 3 |
| | Mid | 2441 | 3.73 | 4±1 | 5 | 3.162 | 0.99 | 3 |
| | High | 2480 | 3.58 | 4±1 | 5 | 3.162 | 1.00 | 3 |
| π /4 DQPSK | Low | 2402 | 3.70 | 4±1 | 5 | 3.162 | 0.98 | 3 |
| | Mid | 2441 | 3.70 | 4±1 | 5 | 3.162 | 0.99 | 3 |
| | High | 2480 | 3.12 | 4±1 | 5 | 3.162 | 1.00 | 3 |
| 8-DPSK | Low | 2402 | 3.73 | 4±1 | 5 | 3.162 | 0.98 | 3 |
| | Mid | 2441 | 3.38 | 4±1 | 5 | 3.162 | 0.99 | 3 |
| | High | 2480 | 3.22 | 4±1 | 5 | 3.162 | 0.98 | 3 |

BLE Mode:

| Modulation | CH | Freq (MHz) | Conducted Power (dBm) | Tune Up Power (dBm) | Max Tune Up Power (dBm) | Max Tune Up Power (mW) | Result | Limit |
|------------|------|------------|-----------------------|---------------------|-------------------------|------------------------|--------|-------|
| GFSK | Low | 2402 | -4.16 | -4±1 | -3 | 0.501 | 0.16 | 3 |
| | Mid | 2440 | -3.12 | -4±1 | -3 | 0.501 | 0.16 | 3 |
| | High | 2480 | -3.70 | -4±1 | -3 | 0.501 | 0.16 | 3 |

Result: Compliance

No SAR measurement is required.