

# EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

## Radio Equipment Directive (RED) 2014/53/EU

**PHOENIX TESTLAB**  
Notified Body Number **0700**



This is to certify that:  
PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	20-210881
Manufacturer	BLU Products, Inc.
Address	10814 NW 33rd St # 100 Doral, FL 33172, USA
Product Description	Smart Phone; with WiFi, Bluetooth, GSM, WCDMA, LTE, FM and GPS
Brand Name / Model Name	BLU / G90

### The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	<b>Conform</b>
Article 3.1 b): Electromagnetic Compatibility	<b>Conform</b>
Article 3.2: Effective and Efficient Use of Radio Spectrum	<b>Conform</b>
Additional Essential Requirements:	<b>Not applicable</b>

Date of issue: **2020-08-10**      Expiry date: **2025-08-09**

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.




8/10/2020 12:55 PM

The attached Annex forms part of this certificate. This certificate consists of 4 pages.

Signed by Wayne Hsu  
Notified Body

# DECLARATION OF CONFORMITY

I hereby declare that the product

Description: Smart Phone

Type or model name: G90

Brand name: BLU

(Name of product, type or model, batch or serial number)

<b>Hardware version number:</b>	K6503D-01
<b>Software version number:</b>	QP1A.190711.020
<b>Adapter 1:</b>	Model: EU-CY-2005 Brand: BLU Power supply and ADP(rating): Input: AC 100V-240V, 50/60Hz 500mA Output: DC 5V, 2000mA Manufacturer: Shenzhen Huajin Electronics Co., Ltd .
<b>Adapter 2:</b>	Model: UK-BB-2000 Brand: BLU Power supply and ADP(rating): Input: AC 100V-240V, 50/60Hz 300mA Output: DC 5V, 2000mA Manufacturer: Shenzhen Huajin Electronics Co., Ltd
<b>Battery:</b>	Model: C876642400P Brand: BLU Battery(rating): Rated Voltage: 3.85V Charge Limit: 4.4V Capacity: 3930mAh Manufacturer: Brich Electronic(Dong Guan) Ltd
<b>USB line:</b>	Model: G90 Brand: BLU Length: 100cm Manufacturer: BLU Products,Inc.
<b>Earphone line:</b>	Model: G90 Brand: BLU Length: 110cm Manufacturer: BLU Products,Inc.
<b>Line Antenna(Earphone acts as FM antenna which becomes an integral antenna):</b>	Model: G90 Brand: BLU

satisfies all the technical regulations applicable to the product within the scope of Council Directives 2014/53/EU:

**All essential radio test suites have been carried out.**

**EN 62368-1:2014/A11:2017**

**ETSI EN 301 489-1 V2.2.3 (2019-11)**

**ETSI EN 301 489-19 V2.1.1 (2019-04)**

**Draft ETSI EN 301 489-17 V3.2.2 (2019-12)**

**Draft ETSI EN 301 489-52 V1.1.0(2016-11)**

**EN 55032:2015**

**EN 55035:2017**

**EN IEC 61000-3-2:2019**

**EN 61000-3-3:2013+A1:2019**

**ETSI EN 301 511 V12.5.1(2017-03)**

**ETSI EN 301 908-1 V11.1.1 (2016-07)**

**ETSI EN 301 908-2 V11.1.2 (2017-08)**

**ETSI EN 301 908-13 V13.1.1 (2019-11)**

**ETSI EN 300 328 V2.2.2 (2019-07)**

**ETSI EN 303 413 V1.1.1 (2017-06)**

**ETSI EN 303 345-1 V1.1.1 (2019-06)**

**Draft ETSI EN 303 345-3 V1.1.0 (2019-11)**

**EN 50663: 2017**

## Feature

### GSM

#### Frequency Bands:

GSM 900: 880 ~ 915 MHz(TX) 925 ~ 960 MHz (RX)

GSM 1800: 1710 ~ 1785 MHz(TX) 1805 ~ 1880 MHz(RX)

Modulation Mode: GMSK for GSM/GPRS; GMSK and 8PSK for EDGE

Antenna Type: PIFA

Antenna Gain: GSM 900:-2dBi GSM 1800:-2dBi

Max power:32.54dBm

### WCDMA

#### Frequency Bands:

WCDMA2100: 1920 ~ 1980 MHz(TX) 2110 ~ 2170 MHz(Rx)

WCDMA900: 880 ~ 915 MHz(TX) 925 ~ 960 MHz(Rx)

Modulation Mode: HSDPA:QPSK/16QAM; HSUPA:BPSK; WCDMA: QPSK

Antenna Type: PIFA

Antenna Gain: WCDMA 2100: -2dBi, WCDMA 900: -2dBi

Max power:23.18dBm

### LTE

#### Frequency Bands:

##### FDD LTE

LTE Band 1:1920-1980 MHz (TX) 2110-2170 MHz (RX)

LTE Band 3: 1710~ 1785 MHz(TX) 1805 ~ 1880 MHz (Rx)

LTE Band 7: 2500~ 2570 MHz(TX) 2620 ~ 2690 MHz (Rx)

LTE Band 8: 880~ 915 MHz(TX) 925 ~ 960 MHz (Rx)

LTE Band 28: 703~ 748MHz(TX) 758~ 803 MHz (Rx)

Modulation Mode: QPSK/16QAM

Antenna Type: PIFA

Antenna Gain: Band 1: -2dBi ;Band 3: -2dBi; Band 7: -2dBi; Band 8: -2dBi; Band 28: -2dBi

Max power:23.94dBm

### Bluetooth 5.0

Frequency Bands:2402-2480 MHz

Modulation Mode: GFSK

Antenna Type: PIFA

Antenna Gain: -1dBi

EIRP Max power: -5.82dBm

### Bluetooth 5.0+EDR

Frequency Bands:2402-2480 MHz

Modulation Mode: GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps),8-DPSK(3Mbps)

Antenna Type: PIFA

Antenna Gain: -1dBi

EIRP Max power: 8.43dBm

### 2.4G WIFI

#### Frequency Bands:

IEEE 802.11b /g /n(20MHz):2412-2472 MHz

IEEE 802.11n(40MHz):2412-2462 MHz

#### Modulation Mode:

802.11b(DSSS):CCK,DQPSK,DBPSK

802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM

802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM

Antenna Type: PIFA

Antenna Gain: -1dBi

EIRP Max power:15.65dBm

### GPS

Frequency Bands:1.57542GHz

Modulation Mode: BPSK

Antenna Type: PIFA  
Antenna Gain:0.5dBi

FM  
Frequency Bands:87.5-108MHz  
Modulation Mode:FM  
Antenna Type: Line Antenna  
(Earphone acts as FM antenna which becomes an integral antenna)

**NOTIFIED BODY: PHOENIX TEST-LAB GmbH**

– **Address:**

Köningswinkel 10  
D-32825 Blomberg  
Germany  
Identification Number: 0700

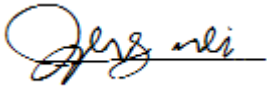
**MANUFACTURER or AUTHORISED REPRESENTATIVE:**

– **Address:**

BLU Products, Inc.  
10814 NW 33rd St # 100 Doral, FL 33172, USA

This declaration is issued under the sole responsibility of the manufacturer and, if applicable, his authorised representative.

**Point of contact:**



2020-08-04

(Signature)

Name (in block letter)

Zeng wei

Title (in block letter)

Manager

Company Name

BLU Products, Inc.

Address

10814 NW 33rd St # 100 Doral, FL 33172, USA

Tel / Fax

+001.305.715.7171/+001.305.436.8819

Email

zwei@ctasiasz.com