

# 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.	18-213051
Manufacturer	Shenzhen KVD Communication Equipment Limited
Address	Lenovo R&D Center 2F-B, South First Road, High-tech Park, Nanshan District, Shenzhen, Guangdong, China
Product Description	LTE GSM/WCDMA Smartphone; with Bluetooth, WIFI, GPS and FM
Brand Name / Model Name	DOOGEE / Y7

### 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 **2018-12-17**      Expiry date: **2023-12-16**

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.

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



Signed by Wayne Hsu  
Notified Body

## Annex

### Technical description

Frequency Range	GSM 850/900/1800/1900 MHz UTRA FDD Band I/VIII E-UTRA FDD Band 1/3/7/8/20 Bluetooth: 2402 - 2480 MHz WiFi(20MHz): 2412 - 2472 MHz WiFi(40MHz): 2422 - 2462 MHz GPS: 1575.42 MHz (Rx) FM: 87.5 - 108 MHz (Rx)
Transmit Power	Max. 2W/Max. 1W UTRA FDD: 24 dBm E-UTRA FDD: 23 dBm Bluetooth: 3.19 dBm EIRP WiFi: 15.04 dBm EIRP
Hardware Version	Z622BQ_MB_V1.0_20181019
Software Version	DOOGEE_Y7_Android8.1-20181130

### System Components

Battery	BAT18763360, 3.8V / 3360mAh (Shenzhen KVD Communication Equipment Limited.)
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### Optional Components

Adapter	HJ-0501000B3-EU Input:100 - 240V, 50/60Hz, 0.15A; Output: 5V/1A (Shenzhen HuaJin Electronics Co., Ltd)
USB Cable	1 meter, unshielded cable, without ferrite core

### Approval documentation

External / Internal Photos	Provided, 7 pages
User Manual	User Manual LTE GSM/WCDMA Smartphone Y7, 39 pages
Block Diagram	BLOCK DIAGRAM,1 page
Circuit Diagram	Provided, 17 pages
Operational Description	Operation of Description, 1 page
PCB Layout	Provided, 16 pages
Parts Placement	Provided, 4 pages
Parts List	BOM, 10 pages
EU Declaration of Conformity	3 pages, December 10, 2018
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment, 5 pages, December 10, 2018



### Applied Standards and Test Reports


Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123009AS
EN 50360:2017 EN 50566:2017 EN 62209-1:2016 EN 62209-2:2010 EN 62479:2010	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEB
EN 62479:2010	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEJ
ETSI EN 301 489-1 V2.1.1 ETSI EN 301 489-17 V3.1.1 Draft ETSI EN 301 489-19 V2.1.0 Draft ETSI EN 301 489-52 V1.1.0 EN 55032:2015 EN 55035:2017	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEA
ETSI EN 300 328 V2.1.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEC LCS181123008AED LCS181123008AEE
ETSI EN 301 511 V12.5.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEF
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-2 V11.1.2	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEG
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-13 V11.1.2	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEH
ETSI EN 303 413 V1.1.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEI
Final Draft ETSI EN 303 345 V1.1.7	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS181123008AEK

### Limitations / Restrictions

- This device also contains frequency bands that are not operational in EU member states. Only the frequency bands used in European Union have been assessed for this Certificate.
- Operating Temperature range is -10 - +45 degree Celsius.
- Body SAR Separation distance is 5mm.



**Notes**

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

