

# EU TYPE EXAMINATION CERTIFICATE

Issue Date: June 4, 2021

**Applicant:**

DOKE COMMUNICATION (HK) LIMITED  
RM 1902 EASEY COMM BLDG  
253-261 HENNESSY ROAD WANCHAI  
HK CHINA

**Manufacturer:**

Shenzhen DOKE Electronic Co.,Ltd  
Room 801, Building 3, 7th Industrial Zone,  
Yulv Community, Yutang Street, Guangming District  
Shenzhen City, Guangdong Province, China

**Model Number/Name: A100**

**Product Description:** Mobile Phone

**Serial Number:** N/A

**Hardware version:** HCT-M880MB-A3

**Software version:** A100\_EEA\_M880\_V1.0

**Frequency Band(s):**

BT: 2402MHz~2480MHz

Wi-Fi 2.4G: 2412MHz~2472MHz

Wi-Fi 5.2G: 5180MHz~5240MHz

GSM/GPRS/EGPRS 900: Uplink 880MHz~915MHz; Downlink 925MHz~960MHz

GSM/GPRS/EGPRS 1800 : Uplink 1710MHz~1785MHz; Downlink 1805MHz~1880MHz

WCDMA Band 1 : Uplink 1920MHz~1980MHz; Downlink 2110MHz~2170MHz

WCDMA Band 8 : Uplink 880MHz~915MHz; Downlink 925MHz~960MHz

FDD-LTE Band 1 : Uplink 1920MHz~1980MHz; Downlink 2110MHz~2170MHz

FDD-LTE Band 3 : Uplink 1710MHz~1785MHz; Downlink 1805MHz~1880MHz

FDD-LTE Band 7 : Uplink 2500MHz~2570MHz; Downlink 2620MHz~2690MHz

FDD-LTE Band 8 : Uplink 880MHz~915MHz; Downlink 925MHz~960MHz

FDD-LTE Band 20 : Uplink 832MHz~862MHz; Downlink 791MHz~821MHz

FDD-TDD Band 40: Uplink & Downlink: 2300 MHz to 2400 MHz

FM Receiver: 87.5MHz~108MHz

GPS Receiver: 1.57542GHz

NFC: 13.56MHz

**Transmit Power Range(s):** BT(BR+EDR): 7.33dBm; BT(BLE): 3.83dBm; Wi-Fi 2.4G: 13.82dBm; Wi-Fi 5.2G: 10.45dBm;

GSM 900: 31.61dBm; GSM 1800: 28.72dBm; WCDMA Band 1: 22.88dBm; WCDMA Band 8: 22.61dBm; FDD-LTE Band

1: 23.83dBm; FDD-LTE Band 3: 24.48dBm; FDD-LTE Band 7: 24.04dBm; FDD-LTE Band 8: 22.81dBm; FDD-LTE Band

20: 23.02dBm; TDD-LTE Band 40: 24.7dBm; NFC: 15.21dBuA/m@10m

**Modulation Type(s):** BT(BR+EDR): GFSK,  $\pi/4$ -DQPSK, 8-DPSK; BT(BLE): GFSK; Wi-Fi: DSSS/OFDM;

GSM: GMSK/8-PSK ; WCDMA: QPSK; LTE: QPSK/16QAM; FM: FM; GPS: BPSK; NFC: ASK

**Channel Spacing(s):** BT(BR+EDR): 1MHz; BT(BLE): 2MHz; Wi-Fi 2.4G: 5MHz; GSM: 0.2MHz; WCDMA:

0.2MHz; FM: 0.1MHz; LTE: 0.1MHz; Wi-Fi 5.2G: 20MHz

**Duty Cycle:** N/A

**Microprocessor Model Number(s):** MT6771, MT6370, MT6631, MT6177, MT6358

**Antenna Type(s) and Gain(s):**

GSM/WCDMA/LTE Antenna:

Antenna Type: PIFA; Antenna Gain: GSM900: 0.2dBi; GSM1800: 0.6dBi; WCDMA 900: 0.3dBi; WCDMA 2100: 0.7dBi; FDD Band I: 0.7dBi; FDD Band III: 0.6dBi; FDD Band VII: 0.7dBi; FDD Band VIII: 0.3dBi; FDD Band XX: 0.2dBi;TDD Band XL: 0.6dBi

Wi-Fi/BT/GPS Antenna: Antenna Type: PIFA; Antenna Gain: Wi-Fi/BT: 1dBi; NFC Antenna Type: Induction coil; FM Ant Type: Integral antenna (Use earphone as antenna)

Essential Requirement		Applied Specifications/Standards	Documentary Evidence	Result
Art. 3.1(a)	Safety	EN 62368-1:2014+A11:2017	Test Report	Pass
Art. 3.1 (a)	Health	EN 50360:2017 EN 50566:2017 EN 62209-1:2016 EN 62209-2:2010 EN 62479:2010	Test Report	Pass
Art. 3.1(b)	EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.1.1 (2019-03) ETSI EN 301 489-17 V3.2.4 (2020-09) ETSI EN 301 489-19 V2.1.1 (2019-04) (Draft) ETSI EN 301 489-52 V1.1.2 (2020-12) EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 EN 61000-3-2:2014 EN 61000-3-3:2013	Test Report	Pass
Art. 3.2	Radio	ETSI EN 301 511 V12.5.1 (2017-03) ETSI EN 301 908-1 V13.1.1 (2019-11) ETSI EN 301 908-2 V13.1.1 (2020-06) ETSI EN 301 908-13 V13.1.1 (2019-11) ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 893 V2.1.1 (2017-05) ETSI EN 300 330 V2.1.1 (2017-02) ETSI EN 303 413 V1.1.1 (2017-06) EN 303 345-1 V1.1.1 (2019-06) Final draft ETSI EN 303 345-3 V1.1.1 (2021-03)	Test Report	Pass

**Examination Result:** Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex III, Module B, of the RE directive 2014/53/EU of 16 April 2014 and is only valid in conjunction with the attached Annex.

*Grace xi*

Grace Xi

Technical Reviewer

REDCA Program, Eurofins Electrical and Electronic Testing NA, Inc.

**Project Number: 1363-6-2021-113215**

**Technical Construction File (TCF) Details**

<i>To demonstrate conformity with Article 3.1(a) Health</i>		
Applied Standards		
EN 50360:2017		
EN 50566:2017		
EN 62209-1:2016		
EN 62209-2:2010		
EN 62479:2010		
Report or Certificate No.	Issue Date	Issued by
STR210425002012E	5/17/21	Shenzhen NTEK Testing Technology Co., Ltd.
<i>To demonstrate conformity with Article 3.1(a) Safety</i>		
Applied Standards		
EN 62368-1:2014+A11:2017		
Report or Certificate No.	Issue Date	Issued by
STS210425002001E	5/14/21	Shenzhen NTEK Testing Technology Co., Ltd.
<i>To demonstrate conformity with Article 3.1(b) EMC</i>		
Applied Standards	Version	
ETSI EN 301 489-1	V2.2.3 (2019-11)	
ETSI EN 301 489-3	V2.1.1 (2019-03)	
ETSI EN 301 489-17	V3.2.4 (2020-09)	
ETSI EN 301 489-19	V2.1.1 (2019-04)	
(Draft) ETSI EN 301 489-52	V1.1.2 (2020-12)	
EN 55032:2015+A11:2020		
EN 55035:2017+A11:2020		
EN 61000-3-2:2014		
EN 61000-3-3:2013		
Report or Certificate No.	Issue Date	Issued by
STR210425002011E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>		
Applied Standards	Version	
ETSI EN 301 511	V12.5.1 (2017-03)	
ETSI EN 301 908-1	V13.1.1 (2019-11)	
ETSI EN 301 908-2	V13.1.1 (2020-06)	
ETSI EN 301 908-13	V13.1.1 (2019-11)	
ETSI EN 300 328	V2.2.2 (2019-07)	
ETSI EN 301 893	V2.1.1 (2017-05)	
ETSI EN 300 330	V2.1.1 (2017-02)	
ETSI EN 303 413	V1.1.1 (2017-06)	
EN 303 345-1	V1.1.1 (2019-06)	
Final draft ETSI EN 303 345-3	V1.1.1 (2021-03)	
Report or Certificate No.	Issue Date	Issued by
STR210425002005E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002006E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002007E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002001E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002002E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002003E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002004E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002010E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002009E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.
STR210425002008E	5/12/21	Shenzhen NTEK Testing Technology Co., Ltd.