

EU TYPE EXAMINATION CERTIFICATE

Issue Date: November 25, 2022

Applicant:

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

Manufacturer:

Shenzhen DOKE Electronic Co.,Ltd
801, Building3, 7th Industrial Zone, Yulv
Community, Yutang Road, Guangming
District, Shenzhen, China

Model Number/Name: A85

Product Description: Mobile Phone

Serial Number: N/A

Hardware version: S681_V1

Software version: A85_EEA_S6063_V1.1

Frequency Band(s):

BT: 2402MHz~2480MHz; Wi-Fi 2.4G: 2412MHz~2472MHz;

Wi-Fi 5.2G: 5180MHz~5240MHz; Wi-Fi 5.8G: 5745MHz~5825MHz;

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

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

FM Receiver: 87.5MHz~108MHz

GPS Receiver: 1.57542

GHz NFC:13.56MHz

Transmit Power Range(s):

BT(EDR): 7.11dBm; BT(BLE): -6.67dBm; Wi-Fi 2.4G: 15.14dBm;

Wi-Fi 5.2G: 9.8dBm; Wi-Fi 5.8G: 8.89dBm; NFC: 18.3dBuA/m@10m

GSM 900: 33.18dBm; GSM 1800: 29.85dBm;

WCDMA Band 1: 23.50dBm; WCDMA Band 8: 23.26dBm;

FDD-LTE Band 1: 24.28dBm; FDD-LTE Band 3: 24.36dBm; FDD-LTE Band 7: 24.58dBm;

FDD-LTE Band 8: 24.35dBm; FDD-LTE Band 20: 23.99dBm; TDD-LTE Band 40: 24.31dBm;

Modulation Type(s):

BT(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; Wi-Fi 5.2G/5.8G: 20MHz;

GSM: 0.2MHz; WCDMA: 0.2MHz; LTE: 0.1MHz; FM: 0.1MHz;

Duty Cycle: N/A

Microprocessor Model Number(s): UMS9230,SR3595D,UMP510G,UMW2631,

Antenna Type(s) and Gain(s):

PIFA Antenna: BT: 1.01dBi; Wi-Fi 2.4G: 1.01dBi; Wi-Fi 5.2G: 0.57dBi; Wi-Fi 5.8G: 0.57dBi;

GSM900: -0.98dBi; GSM1800: 1.01dBi; WCDMA 900: -0.98dBi; WCDMA 2100: 1.12dBi;

LTE: Band 1: 1.12dBi; Band 3: 1.01dBi; Band 7:1.19dBi; Band 8: -0.98dBi;

Band 20: -0.96dBi; Band 40: 1.23dBi;

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) ETSI EN 301 489-52 V1.2.1 (2021-11) EN 55032:2015+A1:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021	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 300 440 V2.2.1 (2018-07) ETSI EN 303 413 V1.2.1 (2021-04) ETSI EN 303 345-1 V1.1.1 (2019-06) ETSI EN 303 345-3 V1.1.1 (2021-06)	Test Report	Pass
Art. 3.3(g)	Emergency Service	N/A	N/A	N/A

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.



Tom Zhang
Technical Reviewer

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

Project Number: 2087-11-2022-123707

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
STR22102801013E	11/16/2021	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
STS221028001001E	11/15/2021	Shenzhen NTEK Testing Technology Co., Ltd.
<i>To demonstrate conformity with Article 3.1(b) EMC</i>		
Applied Standards		
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)		
ETSI EN 301 489-52 V1.2.1 (2021-11)		
EN 55032:2015+A1:2020		
EN 55035:2017+A11:2020		
EN IEC 61000-3-2:2019+A1:2021		
EN 61000-3-3:2013+A2:2021		
Report or Certificate No.	Issue Date	Issued by
STR22102801012E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>		
Applied Standards		
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 300 440 V2.2.1 (2018-07)		
ETSI EN 303 413 V1.2.1 (2021-04)		
ETSI EN 303 345-1 V1.1.1 (2019-06)		
ETSI EN 303 345-3 V1.1.1 (2021-06)		

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Report or Certificate No.	Issue Date	Issued by
STR22102801006E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801007E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801008E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801001E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801002E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801003E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801004E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801005E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801010E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801009E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR22102801011E	11/17/2022	Shenzhen NTEK Testing Technology Co., Ltd.
<i>To demonstrate conformity with Article 3.3 Emergency Service</i>		
Applied Standards		
N/A		
Report or Certificate No.	Issue Date	Issued by
N/A	N/A	N/A

