

EU TYPE EXAMINATION CERTIFICATE

Issue Date: March 15, 2022

Applicant:

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

Manufacturer:

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

Model Number/Name: BL8800 Pro, BL8800**Product Description:** Smart Phone**Serial Number:** N/A**Hardware version:** TF929-B1-V1.1**Software version:** BL8800 Pro_EEA_TF929_V1.0**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

FDD-LTE Band 28: Uplink 703 MHz to 748MHz Downlink: 758 MHz to 803 MHz

TDD-LTE Band 40: Uplink 2300MHz~2400MHz; Downlink 2300MHz~2400MHz

EN DC_1A_n78A B1: Uplink: 1920 MHz~1980MHz; Downlink: 2110 MHz z~2170 MHz

N78: Uplink & Downlink: 3300 MHz to 3800 MHz

NR FDD n1: Uplink: 1920 MHz~1980MHz; Downlink: 2110 MHz ~ 2170 MHz

NR FDD n3: Uplink: 1710 MHz~1785 MHz; Downlink: 1805 MHz~1880 MHz

NR FDD n8: Uplink: 880 MHz to 815 MHz; Downlink: 925 MHz to 960 MHz

NR FDD n20: Uplink: 832 MHz to 862 MHz; Downlink: 791 MHz to 821 MHz

NR FDD n28: Uplink: 703 MHz~ 748 MHz; Downlink: 758 MHz~ 803 MHz

NR TDD n38: Uplink & Downlink: 2570 MHz -2620 MHz

NR TDD n77: Uplink & Downlink: 3300 MHz - 4200 MHz

NR TDD n78: Uplink & Downlink: 3300 MHz - 3800 MHz

NFC: 13.56MHz

FM Receiver: 87.5MHz~108MHz

GPS Receiver: 1.57542GHz

Transmit Power Range(s):

BT(EDR): 9.61dBm;

BT(BLE): -7.24dBm;

Wi-Fi 2.4G: 16.09dBm;

Wi-Fi 5.2G: 9.74dBm;

Wi-Fi 5.8G: 10.27dBm;

GSM 900: 32.89dBm;

GSM 1800: 30.32dBm;

WCDMA Band 1: 24.20dBm;

WCDMA Band 8: 23.33dBm;

FDD-LTE Band 1: 23.08dBm;

FDD-LTE Band 3: 23.50dBm;

FDD-LTE Band 7: 24.46dBm;

FDD-LTE Band 8: 23.88dBm;

FDD-LTE Band 20: 23.42dBm;

FDD-LTE Band 28: 23.86dBm;

TDD-LTE Band 40: 23.38dBm;

NR FDD n1: 23.09dBm;

NR FDD n3: 24.79dBm;

NR FDD n8: 24.73dBm;

NR FDD n20: 24.19dBm;

NR FDD n28: 24.63dBm;

NR TDD n38: 24.38dBm;

NR TDD n77: 24.60dBm;

NR TDD n78: 24.79dBm;

EN DC_1A_n78A:25.95dBm;

NFC: 7.95dBuA/m@10m

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;

NR: DFT-s-OFDM: $\pi/2$ BPSK/QPSK/16-QAM/64QAM/256QAM;

CP-OFDM: QPSK/16-QAM/64QAM/256QAM;

FM: FM; GPS: BPSK; NFC: ASK;

Channel Spacing(s):

BT(BR+EDR): 1MHz;

BT(BLE): 2MHz;

Wi-Fi 2.4G: 5MHz;

Wi-Fi 5G: 20MHz;

GSM: 0.2MHz;

WCDMA: 0.2MHz;

FM: 0.1MHz;

LTE: 0.1MHz;

Duty Cycle: N/A

Microprocessor Model Number(s):

MT6631, MT6833, MT6190M, MT6365, MT6360, MT6315

Antenna Type(s) and Gain(s):

PIFA Antenna: BT/Wi-Fi 2.4G: -0.6dBi;

Wi-Fi 5G: -0.4dBi GPS: -0.8dBi;

GSM900: -0.7dBi;

GSM1800: -0.7dBi;

WCDMA 900: -0.7dBi;

WCDMA 2100: -0.7dBi;

LTE: Band 1: -0.5dBi;

Band 3: -0.5dBi;

Band 7: -0.5dBi;

Band 8: -0.5dBi;

Band 20: -0.5dBi;

Band 28: -0.5dBi;

Band 40: -0.5dBi;

NR: N1: -0.9dBi;

N3: -0.9dBi;

N8: -0.9dBi;

N20: -0.9dBi;

N28: -0.9dBi;

N38: -0.9dBi;

N77: -0.9dBi;

N78: -0.9dBi;

NFC Antenna type: Induction Coil;

BL8800 Pro

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+A11:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019	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) 3GPP TS 38.521-1 V15.3.0 (2019-07) 3GPP TS 38 521-3 V15.3.0 (2019-07) ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 893 V2.1.1 (2017-05) ETSI EN 300 440 V2.2.1 (2018-07) ETSI EN 300 330 V2.1.1 (2017-02) ETSI EN 303 413 V1.1.1 (2017-06) ETSI EN 303 345-1 V1.1.1 (2019-06) ETSI EN 303 345-3 V1.1.1 (2021-06)	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.



Tom Zhang
 Technical Reviewer

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

Project Number: 1772-03-2022-118180

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
STR220218001014E	03/12/2022	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
STS220218001001E	03/11/2022	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+A11:2020		
EN 55035:2017+A11:2020		
EN IEC 61000-3-2:2019		
EN 61000-3-3:2013+A1:2019		
Report or Certificate No.	Issue Date	Issued by
STR220218001013E	03/11/2022	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)		
3GPP TS 38.521-1 V15.3.0 (2019-07)		
3GPP TS 38.521-3 V15.3.0 (2019-07)		
ETSI EN 300 328 V2.2.2 (2019-07)		
ETSI EN 301 893 V2.1.1 (2017-05)		
ETSI EN 300 440 V2.2.1 (2018-07)		
ETSI EN 300 330 V2.1.1 (2017-02)		
ETSI EN 303 413 V1.1.1 (2017-06)		
ETSI EN 303 345-1 V1.1.1 (2019-06)		
ETSI EN 303 345-3 V1.1.1 (2021-06)		
Report or Certificate No.	Issue Date	Issued by
STR220218001006E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.

STR220218001007E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001008E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001009E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001001E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001002E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001003E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001004E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001005E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001011E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001010E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR220218001012E	03/11/2022	Shenzhen NTEK Testing Technology Co., Ltd.

BL8800 PRO