

# EU TYPE EXAMINATION CERTIFICATE

Issue Date: January 18, 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:** A55 Pro

**Product Description:** Mobile Phone

**Serial Number:** N/A

**Hardware version:** M169MB-A2

**Software version:** A55Pro\_EEA\_BOM201\_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;  
 TDD-LTE Band 40: Uplink & Downlink: 2300MHz to 2400MHz  
 FM Receiver: 87.5MHz~108MHz  
 GPS Receiver: 1.57542GHz

**Transmit Power Range(s):**

BT(EDR): 7.3dBm; BT(BLE): -4.34dBm;  
 Wi-Fi 2.4G: 15.52 dBm; Wi-Fi 5.2G: 8.13dBm; Wi-Fi 5.8G: 8.73dBm;  
 GSM 900: 32.86dBm; GSM 1800: 29.76dBm;  
 WCDMA Band 1: 22.64 dBm; WCDMA Band 8: 23.42dBm;  
 FDD-LTE Band 1: 23.06dBm; FDD-LTE Band 3: 23.14dBm;  
 FDD-LTE Band 7: 23dBm; FDD-LTE Band 8: 23.21dBm;  
 FDD-LTE Band 20: 23.1dBm; TDD-LTE Band 40: 22.72dBm

**Modulation Type(s):**

BT(BR+EDR): GFSK,  $\pi/4$ -DQPSK,8-DPSK; BT(BLE): GFSK; Wi-Fi: DSSS/OFDM; GSM: GMSK; 8PSK for EGPRS; WCDMA: QPSK; LTE: QPSK, 16QAM ;FM: FM; GPS: BPSK

**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; LTE: 0.1MHz; FM: 0.1MHz

**Duty Cycle:** N/A

**Microprocessor Model Number(s):** MT6631, MT6177 , MT6765, MT6357, MT6371

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

FM: Use earphone as Antenna

PIFA Antenna: BT/Wi-Fi 2.4G: 1.25dBi; Wi-Fi 5G: 1.88dBi; GPS: 0.62dBi;

GSM900: -0.75dBi/DCS1800: 0.62dBi; WCDMA: Band I : 0.79 dBi,

Band VIII: -0.75dBi; LTE: B1: 0.79dBi, B3:0.62dBi, B7:1.13 dBi, B8:-0.75dBi, B20:-0.96dBi, B40:0.93dB

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 EN61000-3-3:2013+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) 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 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

**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: 1716-01-2022-117180**

### 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
STR211213006012E	01/10/2022	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
STS211213006001E	01/10/2022	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 EN61000-3-3:2013+A1:2019		
Report or Certificate No.	Issue Date	Issued by
STR211213006011E	01/06/2022	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 300 440 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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STR211213006001E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR211213006002E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR211213006003E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR211213006004E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR211213006005E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.

STR211213006006E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR211213006007E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR211213006008E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR211213006009E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.
STR211213006010E	01/06/2022	Shenzhen NTEK Testing Technology Co., Ltd.

A55 Pro