

## MET Laboratories, Inc.

HEADQUARTERS: 914 WEST PATAPSCO AVENUE • BALTIMORE, MARYLAND 21230 • PHONE (410) 354-3300 • FAX (410) 354-3313

# EU TYPE EXAMINATION CERTIFICATE

Issue Date: 8/27/2018

**Applicant:**

DOKE COMMUNICATION (HK) LIMITED  
909B 9/F TWO GRAND TOWER, 625 NATHAN RD KLN  
Hong Kong, China

**Manufacturer:**

Shenzhen DOKE Electronic Co.,Ltd  
13th Floor, Weidonglong commercial  
building B, Meilong avenue,  
Longhua New District  
ShenZhen, China

**Model Number/Name: A30**

**Product Description:** Smart Phone

**Serial Number:** N/A

**Hardware version:** HCT-W125MB-B1

**Software version:** Blackview\_A30\_V2.0\_20180807

**Frequency Band(s):**

GSM:

Frequency Bands:

GSM 900: 880 ~ 915 MHz(TX) 925 ~ 960 MHz (RX)

GSM 1800: 1710 ~ 1785 MHz(TX) 1805 ~ 1880 MHz(RX)

WCDMA

Frequency Bands:

WCDMA 900: 880 ~ 915 MHz(TX) 925 ~ 960 MHz (Rx)

WCDMA2100: 1920 ~ 1980 MHz(TX) 2110 ~ 2170 MHz(Rx)

2.4G WIFI

Frequency Bands:

802.11b / g / n(20MHz):2412-2472 MHz

802.11 n(40MHz):2422-2462 MHz

Bluetooth 4.2:

Frequency Bands:2402-2480 MHz

Bluetooth 4.2+EDR:

Frequency Bands:2402-2480 MHz

GPS

Frequency Bands:1.57542GHz

FM:

Frequency Bands:87.5-108MHz

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### Transmit Power Range(s):

GSM:

Max power:33.26dBm

WCDMA:

Max power:23.29dBm

2.4G WIFI:

Max power:14.42dBm

Bluetooth 4.2+EDR:

Max power:-0.32dBm

Bluetooth 4.2:

Max power:-0.32dBm

### Modulation Type(s):

GSM:

Modulation Mode: GMSK for GSM/GPRS;

WCDMA:

Modulation Mode: WCDMA: QPSK; HSDPA:QPSK/16QAM; HSUPA:BPSK

Bluetooth 4.2+EDR:

Modulation Mode: GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps),8-DPSK(3Mbps)

Bluetooth 4.2:

Modulation Mode: GFSK(1Mbps)

2.4GWIFI:

Modulation Mode:

802.11b(DSSS):CCK,DQPSK,DBPSK

802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM

802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM

GPS:

Modulation Mode:BPSK

FM:

Modulation Mode:FM

### Channel Spacing(s):

BT 4.2+EDR Channel Spacing: 1MHz

BT 4.2 Channel Spacing: 2MHz

2.4G WIFI Channel Spacing: 5MHz

WCDMA Channel Spacing: 5MHz

GSM Channel Spacing: 200KHz

**Duty Cycle:** N/A

**Microprocessor Model Number(s):** MT6580

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

GSM:PIFA antenna,Antenna gain: GSM 900: 0dBi GSM 1800: 0dBi

WCDMA: PIFA antenna,Antenna Gain: WCDMA 900:0dBi; WCDMA 2100: 0dBi

2.4G WIFI: PIFA Antenna, Antenna Gain: 0dBi

BT4.2+EDR: PIFA antenna, Antenna gain:0dBi

BT4.2: PIFA antenna, Antenna gain:0dBi

GPS: PIFA antenna, Antenna gain:0dBi

FM: Dipole Antenna

(Earphone acts as FM antenna which becomes an integral antenna)

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Essential Requirement		Applied Specifications/Standards	Documentary Evidence	Result
Art. 3.1(a)	Safety	EN 60950-1:2006 + A11:2009 + A1:2010 + A12: 2011 + A2: 2013	Test Report	Pass
Art. 3.1 (a)	Health	EN 50663: 2017 EN 62209-1: 2016; EN 62209-2: 2010; EN 50360: 2017; EN 50566: 2017	Test Report	Pass
Art. 3.1(b)	EMC	Draft ETSI EN 301 489-1 V2.2.0 (2017-03); Draft ETSI EN 301 489-17 V3.2.0 (2017-03); Draft ETSI EN 301 489-19 V2.1.0 (2017-03) ; Draft ETSI EN 301 489-52 V1.1.0 (2016-11); EN 55032:2015; EN 55035:2017; 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 V11.1.1 (2016-07) ETSI EN 301 908-2 V11.1.2 (2017-08) ETSI EN 300 328 V2.1.1 (2016-11) ; Final draft ETSI EN 303 345 V1.1.7 (2017-03); ETSI EN 303 413 V1.1.1 (2017-06)	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.

*Grace xi*  
Grace Xi

Technical Reviewer  
NB Program, MET Laboratories

**Project Number: 147-8-2018-100586**

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## 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 50663: 2017		
Report or Certificate No.	Issue Date	Issued by
STS1807069H01	07/09/18	Shenzhen STS Test Services Co., Ltd.
<i>To demonstrate conformity with Article 3.1(a) Safety</i>		
Applied Standards		
EN 60950-1:2006 + A11:2009 + A1:2010 + A12: 2011+A2:2013		
Report or Certificate No.	Issue Date	Issued by
STS1807069A01	08/02/18	Shenzhen STS Test Services Co., Ltd.
<i>To demonstrate conformity with Article 3.1(b) EMC</i>		
Applied Standards	Version	
Draft ETSI EN 301 489-1	V2.2.0 (2017-03)	
Draft ETSI EN 301 489-17	V3.2.0 (2017-03)	
Draft ETSI EN 301 489-19	V2.1.0 (2017-03)	
Draft ETSI EN 301 489-52	V1.1.0 (2016-11)	
EN 55032:2015		
EN 61000-3-2:2014		
EN 61000-3-3:2013		
EN 55035:2017		
Report or Certificate No.	Issue Date	Issued by
STS1807069E01	07/20/18	Shenzhen STS Test Services Co., Ltd.
STS1807069E02	07/20/18	Shenzhen STS Test Services 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 TS 151 010-1	V12.8.0 (2016-05)	
ETSI EN 301 908-1	V11.1.1 (2016-07)	
ETSI EN 301 908-2	V11.1.2 (2017-08)	
ETSI EN 300 328	V2.1.1 (2016-11)	
ETSI EN 303 413	V1.1.1 (2017-06)	
Final draft ETSI EN 303 345	V1.1.7 (2017-03)	
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STS1807069W02	07/17/18	Shenzhen STS Test Services Co., Ltd.
STS1807069W03	07/17/18	Shenzhen STS Test Services Co., Ltd.
STS1807069W04	07/17/18	Shenzhen STS Test Services Co., Ltd.
STS1807069W05	07/17/18	Shenzhen STS Test Services Co., Ltd.
STS1807069W06	07/17/18	Shenzhen STS Test Services Co., Ltd.