

Certificate Holder:	Xiaomi Communications Co., Ltd. The Rainbow City of China Resources, NO. 68, Qinghe Middle Street Haidian District Beijing, China
Product Manufacturer:	Same as certificate holder
Product Designation:	M1803E7SG
Product Description:	Smart phone with technical specification according to page 2

Essential Requirement(s)	Applied Specification(s)/Standard(s)	Result
Radio Spectrum RED, Article 3.2	EN 300 328 V2.1.1, EN 300 440 V2.1.1, EN 301 511 V12.1.1, EN 301 908-2 V11.1.2, EN 303 345 V1.1.7 EN 303 413 V1.1.1, EN 301 893 V1.8.1, EN 301 908-1 V11.1.1, EN 301 908-13 V11.1.2,	conform
EMC RED, Article 3.1b	Draft EN 301 489-1 V2.2.0, Draft EN 301 489-3 V2.1.1, Draft EN 301 489-52 V1.1.0 EN 55035: 2017, EN 55032: 2015	conform
Safety RED, Article 3.1a	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013, EN 50332-2:2013	conform
Health RED, Article 3.1a	EN 50566:2017, EN 50360:2017, EN 62209-2:2010 EN 62209-1:2016, EN 62479:2010,	conform

As the official journal for Council Directive 2014/53/EU does not contain harmonized standards for all essential requirements at the time of the assessment, this EU Type Examination Certificate is based in part on harmonized standards acc. to Council Directive 1999/5/EC and/or draft standards which haven't been harmonized so far but represent the latest state of standardization.

Type Examination Certificate:

Our opinion in accordance with Annex III of Council Directive 2014/53/EU on Radio Equipment Directive and the mutual recognition of their conformity is that the evaluation of the submitted documents related to the apparatus identified above complies with the requirement of that directive stated in the above scope. The scope of this evaluation relates to the submitted documents only.

Marking:

The product shall be marked with the CE marking as required in the Council Directive 2014/53/EU.

Annexes:

The certificate is only valid in conjunction with the following **number** of annexes: 1

Validity:

The certificate is valid until June 18 2018 when the new 5 GHz WLAN requirement on channel access mechanism becomes mandatory. Conformity is provided unless changes/modifications have been done to the applied standard(s) and/or assessed type of equipment.

Certificate Registration No.:

M18-0429-01-TEC

CETECOM GmbH

Place, issue date

Milpitas, 2018-03-15

Authorized signature



BNetzA-bS-13/51-58



Relevant accessories covered by evaluation:

Adapter:

- MDY-08-EP
- MDY-08-EO

Battery:

- BN45

Headphone

Relevant SW version for evaluation:

- MIUI 9

Relevant HW variants covered evaluation:

- P2.2

Product Characteristics:

GSM, GPRS, EDGE:	900 MHz; 1800 MHz Multi-slot class 12	Power class 4 Power class 1			
UMTS:	Bands: Power class:	I, VIII 3			
LTE:	Frequency Band(s): Power Class:	1, 3, 7, 8, 20, 38, 40 3			
Bluetooth®:	2400-2480 MHz; 2400-2480 MHz;	Channels: 79; Channels 40;	Modulation: GFSK, DQPSK, DPSK; Modulation: GFSK;	max. 8.5 dBm EIRP max. 1.0 dBm EIRP	
IEEE 802.11b/g/n:	2400-2482 MHz;	Channels: 13;	Modulation: DSSS, OFDM;	max. 17.5 dBm EIRP	
IEEE 802.11a/n/ac:	5150- 5725 MHz;	Channels: 32;	Modulation: DSSS, OFDM;	max. 13.5 dBm EIRP	
IEEE 802.11a/n/ac:	5175- 5850 MHz;	Channels: 8;	Modulation: DSSS, OFDM;	max. 12.0 dBm EIRP	
GNSS:	GLONASS G1 1597.5-1605.9 MHz; GPS L1 C/A 1574.4-1576.4 MHz; BDS B1 1559.1-1563.1 MHz; SBAS L1 1575.42 MHz; GALILEO E1 1575.42 MHz				
FM:	88 - 108 MHz				

Conformity Details:

Requirement	Standard(s), test report number & laboratory		
Radio spectrum	EN 300 328 V2.1.1: 180106001RFC-1 180106001RFC-2 180106001RFC-3	for BTLE for BT-EDR/BDR for WLAN	by Shenzhen Union Trust Quality and Technology Co., Ltd. by Shenzhen Union Trust Quality and Technology Co., Ltd. by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 301 893 V1.8.1: 180106001RFC-4		by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 300 440 V2.1.1: 180106001RFC-5		by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 303 345 V1.1.7: 180106001RFC-6		by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 301 413 V1.1.1: 180106001RFC-7		by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 301 511 V12.1.1: 180106001RFM-1		by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 301 908-1 V11.1.1: 180106001RFM-2 180106001RFM-3		by Shenzhen Union Trust Quality and Technology Co., Ltd. by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 301 908-2 V11.1.2: 180106001RFM-2		by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 301 908-13 V11.1.2: 180106001RFM-3		by Shenzhen Union Trust Quality and Technology Co., Ltd.
EMC	Draft EN 301 489-1 V2.2.0, Draft EN 301 489-19 V2.1.0, 180106001EMC-1	Draft EN 301 489-17 V3.2.0, Draft EN 301 489-52 V1.1.0	Draft EN 301 489-3 V2.1.1, by Shenzhen Union Trust Quality and Technology Co., Ltd.
	EN 55035: 2017, 180106001EMC-1	EN 55032: 2015	by Shenzhen Union Trust Quality and Technology Co., Ltd.
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 CB_50122341 001		by SGS Fimko Limited
	EN 50332-2:2013 180117024SPL-1		by Shenzhen Union Trust Quality and Technology Co., Ltd.
Health	EN 50566:2017, EN 62479:2010, SE180125W002	EN 62209-1:2016, EN 62209-2:2010	EN 50360:2017 by BV consumer product services (H.K.) Ltd., Toyuan

Miscellaneous:

- Product's Technical Construction File
