


NB Identification Number 0680

Authorized by the German government to act as Notified Body in accordance with Council Directive 2014/53/EU of 18 April 2014

Certificate Holder: **Xiaomi Communications Co., Ltd.**
The Rainbow City of China Resources
NO.68, Qinghe Middle Street, Haidian District
Beijing
China

Product Manufacturer: **See Certificate Holder**

Product Designation: **M1803D5XA**

Product Description: **Mobile Phone**

Essential Requirement(s)	Applied Specification(s)/Standard(s)	Result
Radio Spectrum RED, Article 3.2	EN 301 511 V12.5.1 / EN 301 908-1 V11.1.1 / EN 301 908-2 V11.1.2 / EN 301 908-13 V11.1.2 / EN 300 328 V2.1.1 / EN 301 893 V2.1.1 / EN 300 440 V2.1.1 / EN 300 330 V2.1.1 / EN 303 413 V1.1.1 / EN 303 417 V1.1.1	conform
EMC RED, Article 3.1b	Draft EN 301 489-1 V2.2.0 / Draft EN 301 489-3 V2.1.1 / Draft EN 301 489-17 V3.2.0 / Draft EN 301 489-19 V2.1.0 / Draft EN 301 489-52 V1.1.0	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 50360:2017 / EN 50566:2017 / EN 62209-1:2016 / EN 62209-2:2010 / EN 62479:2010	conform

Due to the absence of harmonized standards acc. to Council Directive 2014/53/EU at the time of the assessment at hand, this EU Type Examination Certificate is based 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 validity of this certificate is limited to 5 years after the date of issue. Conformity is provided unless changes/modifications have been done to the applied standard(s) and/or assessed type of equipment.

Certificate Registration No.:

M18-0481-01-TEC

CETECOM GmbH

Authorized signature

Place, issue date

Essen, 2018-04-17



Product Characteristics:

HW Version: P3.0

SW Version: MIUI 9

GSM / UMTS / LTE part:

Frequency Band(s):

GSM 850/900/1800/1900

WCDMA (FDD I,II,III,IV,V,VI,VIII,IX,XIX)

LTE (FDD 1,2,3,4,5,7,8,12,13,17,18,19,20,25,26,27,28,29,30/TDD 34,38,39,40,41)

Power Class:

GSM 850/900: 4 / GSM 1800/1900: 1 / WCDMA/LTE: 3

CDMA / TD-SCDMA part:

CDMA (BC0,BC1,BC10)

TD-SCDMA (TDD 34,39)

Bluetooth® part:

Operating Frequency Range: 2400-2483.5 MHz

EIRP: < 10 dBm

Number of Channels: 79 / 40

Modulation: GFSK, $\pi/4$ -DQPSK, 8-DPSK***IEEE 802.11a/b/g/n/ac part:***

Operating Frequency Range: 2400-2483.5 MHz /

EIRP: < 20 dBm

5150-5350 MHz / 5470-5725 MHz /

EIRP: < 23 dBm

5725-5850 MHz

EIRP: < 14 dBm

Number of Channels

13 / 32 / 8

Modulation: DSSS, OFDM

GNSS part:

GPS Operating Frequency: 1559 MHz ~ 1610 MHz

Modulation: BPSK

Glonass Operating Frequency: 1559 MHz ~ 1610 MHz

Modulation: BPSK

BDS Operating Frequency: 1559 MHz ~ 1610 MHz

Modulation: BPSK

Galileo Operating Frequency: 1559 MHz ~ 1610 MHz

Modulation: CBOC

NFC part:

Operating Frequency: 13.56 MHz

Modulation: ASK

Wireless Charging:

Operating Frequency Range: 111-148 kHz

Modulation: ASK

Note: Non-European radio frequency bands and/or technologies supported by the equipment were not part of the assessment

Conformity Details:

Requirement	Standard(s), test report number & laboratory
Radio spectrum	<p>EN 301 511 V12.5.1 / EN 301 908-1 V11.1.1 / EN 301 908-2 V11.1.2 / EN 301 908-13 V11.1.2 / EN 300 328 V2.1.1 / EN 301 893 V2.1.1 / EN 300 440 V2.1.1 / EN 300 330 V2.1.1 / EN 303 413 V1.1.1 / EN 303 417 V1.1.1</p> <p>-No.: EZ820821 Rev. 02 by SPORTON International Inc. -No.: ER820821A Rev. 01 by SPORTON International (KunShan) Inc. -No.: ER820821B Rev. 01 by SPORTON International (KunShan) Inc. -No.: EM820821 Rev. 01 by SPORTON International (KunShan) Inc. -No.: EQ820821 Rev. 01 by SPORTON International (KunShan) Inc. -No.: ER820821C Rev. 01 by SPORTON International (KunShan) Inc. -No.: ER820915-01AW Rev. 01 by SPORTON International Inc. -No.: ER820915 Rev. 01 by SPORTON International Inc.</p> <p>Note: TCs 12.2.x of 3GPP TS 51 010-1 have been performed under nominal voltage conditions (please refer to chapters 12.2.1.1/12.2.2.1 of 3GPP TS 51 010-1)</p>
EMC	<p>Draft EN 301 489-1 V2.2.0 / Draft EN 301 489-3 V2.1.1 / Draft EN 301 489-17 V3.2.0 / Draft EN 301 489-19 V2.1.0 / Draft EN 301 489-52 V1.1.0</p> <p>-No.: EW820821 Rev. 02 by SPORTON International (KunShan) Inc.</p>
Safety	<p>EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 / EN 50332-2:2013</p> <p>-No.: 180200562SHA-001 by Intertek Testing Services Shanghai -No.: EO820821 Rev. 01 by SPORTON International (ShenZhen) Inc.</p>
Health	<p>EN 50360:2017 / EN 50566:2017 / EN 62209-1:2016 / EN 62209-2:2010 / EN 62479:2010</p> <p>-No.: EA820821 Rev. 01 by SPORTON International (KunShan) Inc.</p>

Miscellaneous:

- Product's Technical Documentation
