


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: M1804D2SG

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 303 413 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 50332-1:2013 / EN 50332-2:2013	conform
Health RED, Article 3.1a	EN 50360:2017 / EN 50566:2017 / EN 62209-1:2016 / EN 62209-2:2010	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 have not 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.: M18-0532-01-TEC
 CETECOM GmbH

Place, issue date
 Essen, 2018-06-22

Authorized signature



BNetzA-bS-13/51-58

Product Characteristics:

HW Version: P2

SW Version: OPM1.171019.011 V9

GSM / UMTS / LTE part:

Frequency Band(s):

GSM 850/900/1800/1900
WCDMA (FDD I,II,IV,V,VIII)
LTE (FDD 1,2,3,4,5,7,8,20 / TDD 38,40)

Power Class:

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

IEEE 802.11a/b/g/n/ac part:

Operating Frequency Range:

2400 – 2483,5 MHz
5150 – 5350 MHz / 5470 – 5725 MHz
5725 – 5850 MHz

EIRP: < 20 dBm

EIRP: < 23 dBm

EIRP: < 14 dBm

Number of Channels

13 / 32 / 8

Modulation: DSSS, OFDM

Bluetooth® part:

Operating Frequency Range:

2400 – 2483,5 MHz

EIRP: < 20 dBm

Number of Channels:

79 / 40

Modulation: GFSK, $\pi/4$ -DQPSK, 8-DPSK**GNSS part:**

GPS Operating Frequency:

1559 – 1610 MHz

Modulation: BPSK

GLONASS Operating Frequency:

1559 – 1610 MHz

Modulation: BPSK

BeiDou Operating Frequency:

1559 – 1610 MHz

Modulation: BPSK

SBAS Operating Frequency:

1559 – 1610 MHz

Modulation: BPSK

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	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 303 413 V1.1.1 - No.: EZ842008 Rev. 01 by Sporton International Inc. - No.: ER842008A Rev. 01 by Sporton International (KunShan) Inc. - No.: ER842008B Rev. 01 by Sporton International (KunShan) Inc. - No.: EM842008 Rev. 01 by Sporton International (KunShan) Inc. - No.: EQ842008 Rev. 01 by Sporton International (KunShan) Inc. - No.: ER842008C Rev. 01 by Sporton International (KunShan) Inc.
EMC	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 - No.: EW842008 Rev. 01 by Sporton International (KunShan) Inc.
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 / EN 50332-1:2013 / EN 50332-2:2013 - No.: 147-180484-000 by TÜV SÜD Certification and Testing (China) co., Ltd. - No.: EO842008 Rev. 01 by Sporton International (ShenZhen) Inc.
Health	EN 50360:2017 / EN 50566:2017 / EN 62209-1:2016 / EN 62209-2:2010 - No.: EA850432 Rev. 01 by Sporton International Inc.

Miscellaneous:

- Product's Technical Documentation
