


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: M1805D1SG

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 303 413 V1.1.1 / Draft EN 303 345 V1.1.7 / EN 301 893 V2.1.1 / EN 300 440 V2.1.1	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 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.: M18-0509-01-TEC

CETECOM GmbH

Place, issue date
Essen, 2018-05-28

Tessa Schürmann
Authorized signature



BNetzA-bS-13/51-58

Product Characteristics:

HW Version: P2

SW Version: OPM1.171019.019 V9

GSM / UMTS / LTE part:

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

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

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 part:

Operating Frequency Range:	2400-2483.5 MHz	EIRP:	< 20 dBm
	5150-5250 MHz	EIRP:	< 23 dBm
	5250-5350 MHz / 5470-5725 MHz	EIRP:	< 20 dBm
	5725-5850 MHz	EIRP:	< 14 dBm
Number of Channels	13 / 6 / 22 / 7	Modulation:	DSSS, OFDM

FM broadcast receiver:

Operating Frequency:	87.5-108 MHz	Modulation:	FM
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GNSS part:

BDS/GPS/Glonass Operating Frequency:	1559 MHz ~ 1610 MHz	Modulation:	BPSK
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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 303 413 V1.1.1 / Draft EN 303 345 V1.1.7 / EN 301 893 V2.1.1 / EN 300 440 V2.1.1</p> <p>-No.: EZ840407 Rev. 01 by SPORTON International Inc. -No.: EM840407 Rev. 01 by SPORTON International Inc. -No.: EB840407 Rev. 01 by SPORTON International Inc. -No.: EI840407 Rev. 01 by SPORTON International Inc. -No.: ER840407A Rev. 01 by SPORTON International Inc. -No.: ER840407B Rev. 01 by SPORTON International Inc. -No.: ER840407C Rev. 01 by SPORTON International Inc. -No.: EQ840407 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.: EW840407 Rev. 01 by SPORTON International Inc.</p>
Safety	<p>EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 / EN 50332-1:2013 / EN 50332-2:2013</p> <p>-No.: 147-180404-000 by NCB TÜV SÜD PSB Pte Ltd. -No.: EO840407 Rev. 01 by SPORTON International Inc.</p>
Health	<p>EN 50360:2017 / EN 50566:2017 / EN 62209-1:2016 / EN 62209-2:2010</p> <p>-No.: EA840407 Rev. 01 by SPORTON International Inc.</p>

Miscellaneous:

- Product's Technical Documentation
