



CETECOM GmbH
EC Identification Number 0680



Bundesnetzagentur

authorized by the German Government to
act as Notified Body in accordance with the
RF Directive 2014/53/EU of 18 April 2014

BNetzA-bS-13/51-58

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: MAG138

Product Description: Mobile Phone

Essential Requirement(s)	Applied Specification(s)/Standard(s)	Result
Radio Spectrum RED, Article 3.2	EN 301 511 V9.0.2 / EN 301 908-1 V11.1.1 / EN 301 908-2 V11.1.1 / EN 301 908-13 V11.1.1 / EN 300 328 V2.1.1 / EN 300 440 V2.1.1 / Draft EN 303 345 V1.1.7	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 301 489-52 V1.1.0	conform
Safety RED, Article 3.1a	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	conform
Health RED, Article 3.1a	EN 50360:2001+A1:2012 / EN 50566:2013+AC:2014 / EN 62209-1:2006 / 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.:

M17-0214-01-TEC

CETECOM GmbH

Place, issue date

Essen, 2017-05-23

Authorized signature



Product Characteristics:

HW Version: A

SW Version: MIUI 8

GSM / UMTS / LTE part:

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

Power Class: GSM 850/900: 4 / GSM 1800/1900: 1 / UMTS/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 802.11b/g/n part:**

Operating Frequency Range: 2400-2483.5 MHz

EIRP: < 20 dBm

Number of Channels: 13

Modulation: DSSS, OFDM

GNSS part:

GPS Operating Frequency: 1.57542 GHz

Modulation: BPSK

Glonass Operating Frequency: 1602 MHz + n * 0.5625 MHz (n = -7,-6,...,0,...,6)

Modulation: BPSK

FM broadcast receiver:

Operating Frequency Range: 87.5-108 MHz

Modulation: FM

Accessories:

Description	Model Name	Type Number	Description	Marketing Name	Type Number
Standard Charger	MDY-08-EP	N/A	Wired headphone	JNEJ01JY	EM001
Standard Charger	MDY-08-EO	N/A	Wired headphone	HSEJ02JY	N/A
USB Cable 1.2m	KLC-1962	N/A	Wired headphone	QTER01JY	N/A
USB Cable 1.2m	90524180052	N/A	Bluetooth Earphone	LYEJ02LM	N/A
USB Cable 0.8m	KLC-2468	N/A			

Conformity Details:

Requirement	Standard(s), test report number & laboratory
Radio spectrum	EN 301 511 V9.0.2 / EN 301 908-1 V11.1.1 / EN 301 908-2 V11.1.1 / EN 301 908-13 V11.1.1 / EN 300 328 V2.1.1 / EN 300 440 V2.1.1 / Draft EN 303 345 V1.1.7 -No.: ER6D1401 Rev. 01 by SPORTON International (Kunshan) Inc. -No.: ER6D1401-01 Rev. 01 by SPORTON International (Kunshan) Inc. -No.: EZ6D1401 Rev. 01 by SPORTON International Inc. -No.: EZ6D1401-01 Rev. 01 by SPORTON International Inc. -No.: EM6D1401 Rev. 01 by SPORTON International (Kunshan) Inc. -No.: EM6D1401-01 Rev. 01 by SPORTON International (Kunshan) Inc. -No.: EQ6D1401 Rev. 01 by SPORTON International (Kunshan) Inc. -No.: EQ6D1401-01 Rev. 01 by SPORTON International (Kunshan) Inc. -No.: EB6D1401-01 Rev. 01 by SPORTON International (Kunshan) Inc. 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)
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 301 489-52 V1.1.0 -No.: EW6D1401 Rev. 01 by SPORTON International (Kunshan) Inc. -No.: EW6D1401-01 Rev. 01 by SPORTON International (Kunshan) Inc.
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 -No.: L6D1401KS134 by SPORTON International (Kunshan) Inc. -No.: EO6D1401 Rev. 01 by SPORTON International (Shenzhen) Inc.
Health	EN 50360:2001+A1:2012 / EN 50566:2013+AC:2014 / EN 62209-1:2006 / EN 62209-2:2010 -No.: EA6D1401 Rev. 01 by SPORTON International (Kunshan) Inc.

Miscellaneous:

- Product's Technical Construction File
