



CETECOM GmbH  
EC Identification Number 0680



Bundesnetzagentur

authorized by the German Government to  
act as Notified Body in accordance with the  
R&TTE Directive 1999/5/EC of 9 March 1999

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:** GSM850/(E-)GSM900/GSM1800/GSM1900/UMTS (FDD I,II<sup>(\*)</sup>,V<sup>(\*)</sup>,VIII) HSPA/ LTE (FDD 1,3,4,5,7,8,20/TDD 38,40) Terminal Equipment with integrated Short Range Devices (Bluetooth® & IEEE802.11b/g/n) and GPS

(\*)not supported within EC - therefore not part of the assessment in hand

Essential Requirement(s)	Applied Specification(s)/Standard(s)	Result
Radio Spectrum R&TTE, Article 3.2	EN 301 511, v12.1.1 / EN 301 908-1, v7.1.1 / EN 301 908-2, v7.1.1 / EN 301 908-13, v7.1.1 / EN 300 328, v1.9.1 / EN 300 440-1, v1.6.1 / EN 300 440-2, v1.4.1	conform
EMC R&TTE, Article 3.1b	EN 301 489-1, v1.9.2 / EN 301 489-3, v1.6.1 / EN 301 489-7, v1.3.1 / EN 301 489-17, v2.2.1 / EN 301 489-24, v1.5.1	conform
Safety R&TTE, Article 3.1a	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	conform
Health R&TTE, Article 3.1a	EN 50360:2001+A1:2012 / EN 50566:2013+AC:2014 / EN 62209-1:2006 / EN 62209-2:2010 / EN 62479:2010	conform

**Expert Opinion:**

Our opinion in accordance with Annex IV of Council Directive 1999/5/EC on radio equipment and telecommunications equipment and the mutual recognition of their conformity is that the evaluation of the submitted documents related to the apparatus identified above complies with the requirements of the directive stated in the above scope.

**Marking:**

The product shall be marked with CE and our Notified Body Number as shown in beside picture.

**CE 0680**

**Annexes:**

The scope of this evaluation relates to the submitted documents only.  
The certificate is only valid in conjunction with the following number of annexes: 1

**Certificate Registration No.:** M17-0052-01-EO

**Place, Issue date** CETECOM GmbH

Essen, 2017-02-10

  
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
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**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:**

Evaluated test report(s)	
Requirement	Standard(s), test report number, laboratory & date
Radio spectrum	<b>EN 301 511, v12.1.1 / EN 301 908-1, v7.1.1 / EN 301 908-2, v7.1.1 / EN 301 908-13, v7.1.1 / EN 300 328, v1.9.1 / EN 300 440-1, v1.6.1 / EN 300 440-2, v1.4.1</b>  -No.: ER6D1401 Rev. 01 by SPORTON International (Kunshan) Inc., dated 2017-02-04 -No.: EZ6D1401 Rev. 01 by SPORTON International Inc., dated 2017-02-04 -No.: EM6D1401 Rev. 01 by SPORTON International (Kunshan) Inc., dated 2017-02-04 -No.: EQ6D1401 Rev. 01 by SPORTON International (Kunshan) Inc., dated 2017-02-04
EMC	<b>EN 301 489-1, v1.9.2 / EN 301 489-3, v1.6.1 / EN 301 489-7, v1.3.1 / EN 301 489-17, v2.2.1 / EN 301 489-24, v1.5.1</b>  -No.: EW6D1401 Rev. 01 by SPORTON International (Kunshan) Inc., dated 2017-02-04
Safety	<b>EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013</b>  -No.: L6D1401KS134 by SPORTON International (Kunshan) Inc., dated 2017-02-04 -No.: 16BAS09063 11 by DonGuanShuoXin Electronic Technology Co., Ltd., dated 2016-09-27 -No.: EO6D1401 Rev. 01 by SPORTON International (Shenzhen) Inc., dated 2017-02-04
Health	<b>EN 50360:2001+A1:2012 / EN 50566:2013+AC:2014 / EN 62209-1:2006 / EN 62209-2:2010 / EN 62479:2010</b>  -No.: EA6D1401 Rev. 01 by SPORTON International (Kunshan) Inc., dated 2017-02-004

**Miscellaneous:**

- Product's Technical Construction File

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