

# Notified Body

## EU Type Examination Certificate

Manufacturer company name: Meizu Technology Co., Ltd.  
Manufacturer address: Meizu Tech Bldg., Technology&Innovation Coast,  
Zhuhai, Guangdong Province, China

Description of the radio equipment: LTE Mobile Phone  
Trade name/brand name: Meizu  
Model/type indication: M792H  
Software version: Flyme 6.1.3.0G  
Hardware version: V1.0  
Frequency bands of operation: 832 MHz to 862 MHz; 880 MHz to 915 MHz  
1710 MHz to 1785 MHz; 1920 MHz to 1980 MHz  
2300 MHz to 2400 MHz; 2500 MHz to 2570 MHz  
2570 MHz to 2620 MHz; 2402 MHz to 2480 MHz  
2412 MHz to 2472 MHz, 2422 MHz to 2462 MHz (HT40)  
5180 MHz to 5320 MHz, 5190 MHz to 5310 MHz (HT40)  
5500 MHz to 5700 MHz, 5510 MHz to 5670 MHz (HT40)  
5745 MHz to 5825 MHz, 5755 MHz to 5795 MHz (HT40)

TD reference: M792H  
ACB project number: ATCB021421  
Certificate number: ATCB021421, issue 1

ACB, Inc. is designated as a Notified Body under the  
U.S.-EU Mutual Recognition Agreement for Radio Equipment Directive 2014/53/EU

**ACB, Inc.**  
**Notified Body Number 1588**  
6731 Whittier Avenue, Suite C110  
McLean, VA 22101, USA

In the opinion of ACB, Inc., the examination of the technical documentation as drawn up by the manufacturer demonstrates that the essential requirements of Article 3.1a, Article 3.1b and Article 3.2, of Radio Equipment Directive 2014/53/EU have been met. The conformity assessment on the radio equipment listed above and as described in Annex 1 to this EU-type examination certificate has been carried out in accordance with Annex III, Module B, of Radio Equipment Directive 2014/53/EU. This EU-type examination certificate relates only to the documents as provided to ACB, Inc.  
A list of documentation forming the basis for the EU-type examination is provided in  
Annex 2 to this EU-type examination certificate.



Notified Body: Ivan Wen

13 July 2017  
Date



**Annex 1 to EU-type examination certificate for Radio Equipment Directive 2014/53/EU**

**Date of issue: 13 July 2017**

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The radio equipment as described and documented in the technical documentation as drawn up by the manufacturer is a Mobile Phone.

It supports GSM technology with GPRS and EGPRS/EDGE in the E-GSM 900 MHz and DCS 1800 MHz bands.

It supports UMTS technology in the 900 MHz Band VIII and 2100 MHz Band I.

It supports LTE technology in the 800 MHz Band 20, 1800 MHz Band 3, 2100 MHz Band 1, 2300 MHz Band 40, 2500 MHz Band 38 and 2600 MHz Band 7.

It supports IEEE 802.11b/g/n (HT20 & HT40) Wireless LAN technology in the 2.4 GHz band.

It supports IEEE 802.11a/n (HT20 & HT40) Wireless LAN technology in the 5 GHz band(s).

It supports Bluetooth Wireless PAN technology in the 2.4 GHz band with EDR and BLE.

It supports a GPS Receiver in the 1.5 GHz band.

This radio equipment also supports operation in frequency bands which are not available for use in Member States of the European Union and EFTA countries and which have not been included in this conformity assessment.

The conformity assessment of this radio equipment is limited to those frequency bands of operation which are available for use in one or more Member States of the European Union and EFTA countries as detailed below.

**Details of operation:**

Description of service:	E-GSM 900 MHz
Transmit frequency:	880 MHz to 915 MHz
Receive frequency:	925 MHz to 960 MHz
Modulation:	GMSK, 8PSK
Power class:	Class 4 (GMSK), Class E2 (8PSK)
Transmit power:	31.4 dBm, conducted (GSM/GMSK)
Transmit power:	31.4 dBm, conducted (GPRS/GMSK)
Transmit power:	21.8 dBm, conducted (EGPRS/8PSK)

Description of service:	DCS 1800 MHz
Transmit frequency:	1710 MHz to 1785 MHz
Receive frequency:	1805 MHz to 1880 MHz
Modulation:	GMSK, 8PSK
Power class:	Class 1 (GMSK), Class E2 (8PSK)
Transmit power:	29.6 dBm, conducted (GSM/GMSK)
Transmit power:	29.1 dBm, conducted (GPRS/GMSK)
Transmit power:	20.3 dBm, conducted (EGPRS/8PSK)



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Description of service: UMTS 900 MHz Band VIII  
Transmit frequency: 880 MHz to 915 MHz  
Receive frequency: 925 MHz to 960 MHz  
Modulation: QPSK, 16QAM, 64QAM(DL)  
Power class: Class 3  
Transmit power: 22.8 dBm, conducted

Description of service: UMTS 2100 MHz Band I  
Transmit frequency: 1920 MHz to 1980 MHz  
Receive frequency: 2110 MHz to 2170 MHz  
Modulation: QPSK, 16QAM, 64QAM(DL)  
Power class: Class 3  
Transmit power: 22.4 dBm, conducted

Description of service: E-UTRA LTE Band 1  
Transmit frequency: 1920 MHz to 1980 MHz  
Receive frequency: 2110 MHz to 2170 MHz  
Modulation: QPSK, 16QAM, 64QAM(DL)  
Power class: Class 3  
Transmit power: 24.0 dBm, conducted

Description of service: E-UTRA LTE Band 3  
Transmit frequency: 1710 MHz to 1785 MHz  
Receive frequency: 1805 MHz to 1880 MHz  
Modulation: QPSK, 16QAM, 64QAM(DL)  
Power class: Class 3  
Transmit power: 23.7 dBm, conducted

Description of service: E-UTRA LTE Band 7  
Transmit frequency: 2500 MHz to 2570 MHz  
Receive frequency: 2620 MHz to 2690 MHz  
Modulation: QPSK, 16QAM, 64QAM(DL)  
Power class: Class 3  
Transmit power: 23.6 dBm, conducted

Description of service: E-UTRA LTE Band 20  
Transmit frequency: 832 MHz to 862 MHz  
Receive frequency: 791 MHz to 821 MHz  
Modulation: QPSK, 16QAM, 64QAM(DL)  
Power class: Class 3  
Transmit power: 22.9 dBm, conducted



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Description of service:	E-UTRA LTE Band 38
Transmit frequency:	2570 MHz to 2620 MHz
Receive frequency:	2570 MHz to 2620 MHz
Modulation:	QPSK, 16QAM, 64QAM(DL)
Power class:	Class 3
Transmit power:	23.9 dBm, conducted
Description of service:	E-UTRA LTE Band 40
Transmit frequency:	2300 MHz to 2400 MHz
Receive frequency:	2300 MHz to 2400 MHz
Modulation:	QPSK, 16QAM, 64QAM(DL)
Power class:	Class 3
Transmit power:	24.0 dBm, conducted
Description of service:	IEEE 802.11b/g/n WLAN
Transmit frequency:	2412 MHz to 2472 MHz, 2422 MHz to 2462 MHz (HT40)
Receive frequency:	2412 MHz to 2472 MHz, 2422 MHz to 2462 MHz (HT40)
Modulation:	DSSS, OFDM
Transmit power:	13.5 dBm, e.i.r.p.
Description of service:	IEEE 802.11a/n WLAN
Transmit frequency:	5180 MHz to 5320 MHz, 5190 MHz to 5310 MHz (HT40)
Receive frequency:	5180 MHz to 5320 MHz, 5190 MHz to 5310 MHz (HT40)
Modulation:	DSSS and OFDM
Transmit power:	11.5 dBm, e.i.r.p.
Description of service:	IEEE 802.11a/n WLAN
Transmit frequency:	5500 MHz to 5700 MHz, 5510 MHz to 5670 MHz (HT40)
Receive frequency:	5500 MHz to 5700 MHz, 5510 MHz to 5670 MHz (HT40)
Modulation:	DSSS and OFDM
Transmit power:	11.4 dBm, e.i.r.p.
Description of service:	IEEE 802.11a/n WLAN
Transmit frequency:	5745 MHz to 5825 MHz, 5755 MHz to 5795 MHz (HT40)
Receive frequency:	5745 MHz to 5825 MHz, 5755 MHz to 5795 MHz (HT40)
Modulation:	DSSS and OFDM
Transmit power:	10.8 dBm, e.i.r.p.



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Description of service: Bluetooth Basic Rate + EDR  
Transmit frequency: 2402 MHz to 2480 MHz  
Receive frequency: 2402 MHz to 2480 MHz  
Modulation: GFSK,  $\pi/4$  DQPSK, 8DPSK  
Transmit power: 4.5 dBm, e.i.r.p.

Description of service: Bluetooth Low Energy (BLE)  
Transmit frequency: 2402 MHz to 2480 MHz  
Receive frequency: 2402 MHz to 2480 MHz  
Modulation: GFSK  
Transmit power: 4.8 dBm, e.i.r.p.

Description of service: GPS Receiver  
Transmit frequency: None  
Receive frequency: 1575.42 MHz



**Annex 2 to EU-type examination certificate for Radio Equipment Directive 2014/53/EU**

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1	Test report:	Report number:	Dated:
	EMC	I17N00666-EMC	07 July 2017
	EMC	I17Z60832-EMC03	04 July 2017
	Radio (GSM)	I17N00666-RF-2G	06 July 2017
	Radio (WCDMA)	I17N00666-RF-3G	06 July 2017
	Radio (LTE)	I17N00666-RF-4G	06 July 2017
	Radio (WLAN 2.4G)	I17N00666-WLAN	07 July 2017
	Radio (WLAN 5G)	I17N00666-RLAN	07 July 2017
	Radio (DFS)	I17N00666-DFS	07 July 2017
	Radio (SRD 5.8G)	I17N00666-SRD	07 July 2017
	Radio (BT EDR)	I17N00666-BT	07 July 2017
	Radio (BLE)	I17N00666-BLE	07 July 2017
	Radio (GPS)	I17Z60832-EMC02	04 July 2017
	RF safety	I17N00666-SAR	07 July 2017
	Product safety	I17N00666-SE	05 July 2017
	Acoustic safety	I17N00666-Audio	30 June 2017
2	Technical documentation provided:		
	Antenna details	Assembly drawing(s)	Block diagram
	Circuit diagram/schematics	External photographs	Internal photographs
	Label drawing/location	Operational description	Parts list/bill of materials
	PCB layout	Test reports	Test setup photographs
	User manual	EU declaration of conformity	
3	Standards used to demonstrate conformity with the essential requirements of Radio Equipment Directive 2014/53/EU:		
	Radio Spectrum (Article 3.2):	EN 301 511 V12.5.1	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 301 893 V2.1.1
		EN 303 413 V1.1.0	EN 300 440 V2.1.1
	EMC (Article 3.1b):	EN 301 489-1 V2.1.1	EN 301 489-17 V3.1.1
		EN 301 489-19 V2.1.0	EN 301 489-52 V1.1.0
		EN 55032: 2015/AC:2016	EN 55024:2010+A1:2015
	RF safety (Article 3.1a):	EN 62479: 2010	
		EN 50360: 2001 + A1:2012	
		EN 50566: 2013	
	Product safety (Article 3.1a):	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	



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4 Additional information:

This is a Class 2 device; the 5150-5350 MHz band is restricted to indoor use only.

Radio Equipment Directive 2014/53/EU, Article 10.4: Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Directive 2014/53/EU, Article 10.6: Manufacturers shall ensure that radio equipment which they have placed on the market bears a type, batch or serial number or other element allowing its identification, or, where the size or nature of the radio equipment does not allow it, that the required information is provided on the packaging, or in a document accompanying the radio equipment.

Radio Equipment Directive 2014/53/EU, Article 10.7: Manufacturers shall indicate on the radio equipment their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where the size or nature of radio equipment does not allow it, on its packaging, or in a document accompanying the radio equipment. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.

Radio Equipment Directive 2014/53/EU, Article 10.8: Manufacturers shall ensure that the radio equipment is accompanied by instructions and safety information in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned. Instructions shall include the information required to use radio equipment in accordance with its intended use. Such information shall include, where applicable, a description of accessories and components, including software, which allow the radio equipment to operate as intended. Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible.

The following information shall also be included in the case of radio equipment intentionally emitting radio waves:

- (a) frequency band(s) in which the radio equipment operates;
- (b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.

Radio Equipment Directive 2014/53/EU, Article 10.9: Manufacturers shall ensure that each item of radio equipment is accompanied by a copy of the EU declaration of conformity or by a simplified EU declaration of conformity. Where a simplified EU declaration of conformity is provided, it shall contain the exact internet address where the full text of the EU declaration of conformity can be obtained.

Radio Equipment Directive 2014/53/EU, Article 10.10: In cases of restrictions on putting into service or of requirements for authorization of use, information available on the packaging shall allow the identification of the Member States or the geographical area within a Member State where restrictions on putting into service or requirements for authorization of use exist. Such information shall be completed in the instructions accompanying the radio equipment.

Radio Equipment Directive 2014/53/EU, Article 19.2: On account of the nature of radio equipment, the height of the CE marking affixed to radio equipment may be lower than 5 mm, provided that it remains visible and legible.

Radio Equipment Directive 2014/53/EU, Article 20.1: The CE marking shall be affixed visibly, legibly and indelibly to the radio equipment or to its data plate, unless that is not possible or not warranted on account of the nature of radio equipment. The CE marking shall also be affixed visibly and legibly to the packaging.



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Radio Equipment Directive 2014/53/EU, Annex III, Module B.7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate.

This review includes draft standards, deviations from the standards and technical justification for compliance.

In accordance with Notified Body guidance; if there are no changes, a Notified Body EU type examination certificate has a validity of 10 years from the date of issue.

5 Contact information:

For contact with ACB or questions regarding this EU-type examination certificate:

Web: [www.acbcert.com](http://www.acbcert.com)

<http://acbcert.com/contact>

Tel.: (+1) 703 847 4700

