

Regulatory Compliance Statement

RRU3936

CE 0197

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1 Regulatory Compliance Statement

About This Chapter

1.1 Declaration of Conformity to European Directives

Declaration of Conformity to European Directives

Figure 1-1 Declaration of Conformity to European Directives

Doc NO.: E-00780935	
Declaration of Conformity For EU Directives and Regulations	
For the following equipment	
Product	: <u>Remote Radio Unit</u>
Model/Trademark	: <u>RRU3936 / HUAWEI</u>
Manufacturer's Name	: <u>Huawei Technologies Co., Ltd.</u>
Manufacturer's Address	: <u>Administration Building, Headquarters of</u> <u>Huawei Technologies Co., Ltd., Bantian,</u> <u>Longgang District, Shenzhen, 518129, P.R.C</u>
<p>is herewith confirmed to comply with the requirements which are set out in 1999/5/EC(R&TTE Directive), 2002/95/EC & 2011/65/EU (RoHS Directive), 2002/96/EC&2012/19/EU (WEEE Directive) and 2006/1907/EC(REACH Regulation). For the evaluation of the compliance with these Directives and Regulations, the following standards/requirements were applied:</p>	
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011 EN 60950-22:2006+A11:2008 IEC/EN 60215(1989) ed3 +A1:1992+A2:1994
EMC	ETSI EN 301 489-01 V1.9.2:2011 ETSI EN 301 489-23 V1.5.1:2011 ETSI EN 301 489-08 V1.2.1:2002 ETSI EN 301 502 V9.2.1:2010 ETSI EN 301 908-1 V5.2.1 EN 55022:2010 EN 55024:2010 EN 50121-1:2006 EN 50121-4:2006
Radio & Health	ETSI EN 301 908-1 V5.2.1 ETSI EN 301 908-3 V5.2.1 ETSI EN 301 908-14 V5.2.1 ETSI EN 301 908-18 V5.2.1 ETSI EN 301 502 V9.2.1 (2010-10) Council Recommendation 1999/519/EC EN 50385:2002
RoHS	2002/95/EC, 2011/65/EU, EN 50581: 2012
REACH	EC NO. 1907/2006
WEEE	2002/96/EC, 2012/19/EU
<p>Responsible for making this declaration is the:</p> <p><input checked="" type="checkbox"/> Manufacturer <input type="checkbox"/> Authorised representative established within the EU</p> <p>Person responsible for making this declaration</p> <p>Name/Title: <u>Zhang Xing Wei</u> Regulation Compliance Manager</p> <p>Place/Date <u>Shenzhen, China</u> <u>Jan 8, 2013</u></p>	

2 Regulatory Compliance Information

About This Chapter

- 2.1 Regulatory Compliance Standards
- 2.2 European Regulatory Compliance
- 2.3 U.S.A Regulatory Compliance
- 2.4 Japanese Regulatory Compliance
- 2.5 CISPR 22 Compliance

2.1 Regulatory Compliance Standards

RRU3936 complies with the standards listed in Table 2-1.

Table 2-1 Regulatory compliance standards

Discipline	Standards
EMC	<ul style="list-style-type: none"> • CISPR22 Class B • CISPR24 • EN55022 Class B • EN50024 • ETSI EN 301 489 Class B • CFR 47 FCC Part 15 Class B • FCC Part 2 • FCC Part 27 • ICES 003 Class B • AS/NZS CISPR22 Class B • GB9254 Class B • VCCI Class B • CNS 13438 Class B • IEC/EN 61000-6-1 • IEC/EN 61000-6-2 • IEC/EN 61000-6-3 • IEC/EN 61000-6-4

Discipline	Standards
Safety	<ul style="list-style-type: none"> • IEC 60950-1 • IEC/EN60215 • IEC/EN41003 • EN 60950-1 • UL 60950-1 • UL 60950-22 • CSA C22.2 No 60950-1 • AS/NZS 60950.1 • BS EN 60950-1 • IS 13252 • GB4943 • GB8898
Laser safety	<ul style="list-style-type: none"> • FDA rules, 21 CFR 1040.10 and 1040.11 • IEC60825-1, IEC60825-2, EN60825-1, EN60825-2 • GB7247
RF	<ul style="list-style-type: none"> • ETSI EN 301 908-1 • ETSI EN 301 908-8 • ETSI EN 301 908-14 • ETSI EN 301 908-18 • ETSI EN 301 502 • ETSI TS 137 141
Health	<ul style="list-style-type: none"> • ICNIRP Guideline • 1999-519-EC • EN 50385 • OET Bulletin 65 • IEEE Std C95.1 • EN 60215
Environmental protection	<ul style="list-style-type: none"> • 2002/95/EC & 2011/65/EU (RoHS) • EC NO. 1907/2006 (REACH) • 2002/96/EC(WEEE)
Grounding	<ul style="list-style-type: none"> • ITU-T K.27 • ETSI EN 300 253

Discipline	Standards
<p>Note:</p> <p>EMC: electromagnetic compatibility</p> <p>NEBS: Network Equipment Build Standard</p> <p>RF: radio frequency</p> <p>CISPR: International Special Committee on Radio Interference</p> <p>EN: European Standard</p> <p>ETSI: European Telecommunications Standards Institute</p> <p>CFR: Code of Federal Regulations</p> <p>FCC: Federal Communication Commission</p> <p>IEC: International Electrotechnical Commission</p> <p>AS/NZS: Australian/New Zealand Standard</p> <p>VCCI: Voluntary Control Council for Interference</p> <p>CNS: Chinese National Standard</p> <p>UL: Underwriters Laboratories</p> <p>CSA: Canadian Standards Association</p> <p>BS: British Standard</p> <p>IS: Indian Standard</p> <p>GR: general requirement</p> <p>FDA: Food and Drug Administration</p> <p>BTS: base transceiver station</p> <p>GSM: Global System for Mobile communications</p> <p>WLAN: wireless local area network</p> <p>ICNIRP: International Commission on Non-Ionizing Radiation Protection</p> <p>OET: Office of Engineering Technology</p> <p>IEEE: Institute of Electrical and Electronics Engineers</p> <p>RoHS: restriction of the use of certain hazardous substances</p>	

2.2 European Regulatory Compliance

RRU3936 complies with the following European directives and regulations.

- 2004/108/EC (EMC)
- 2006/95/EC (low voltage)
- 1999/5/EC (R&TTE)
- 2002/95/EC & 2011/65/EU (RoHS)
- EC NO. 1907/2006 (REACH)
- 2002/96/EC (WEEE)

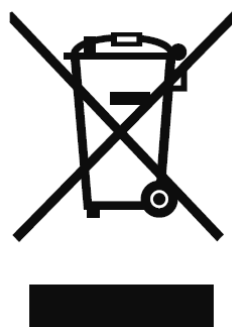
RRU3936 complies with Directive 2002/95/EC, 2011/65/EU and other similar regulations from the countries outside the European Union, on the RoHS in electrical and electronic

equipment. The device does not contain lead, mercury, cadmium, and hexavalent chromium and brominated flame retardants (Polybrominated Biphenyls (PBB) or Polybrominated Diphenyl Ethers (PBDE)) except for those exempted applications allowed by RoHS directive for technical reasons.

Product complies with Regulation EC NO. 1907/2006 (REACH) and other similar regulations from the countries outside the European Union. Huawei will notify to the European Chemical Agency (ECHA) or the customer when necessary and regulation requires.

Product complies with Directive 2002/96/EC on waste electrical and electronic equipment (WEEE). Huawei is responsible for recycling its end-of-life devices, and please contact Huawei local service center when recycling is required. Huawei strictly complies with the EU Waste Electrical and Electronic Equipment Directive (WEEE Directive) and electronic waste management regulations enacted by different countries worldwide. In addition, Huawei has established a system for recycling and reuse of electronic wastes, and it can provide service of dismantling and recycling for WEEE. By Huawei recycling system, the waste can be handled environmentally and the resource can be recycled and reused fully, which is also Huawei WEEE stratagem in the word. Most of the materials in product are recyclable, and our packaging is designed to be recycled and should be handled in accordance with your local recycling policies.

In accordance with Article 11(2) in Directive 2002/96/EC (WEEE), products were marked with the following symbol: a cross-out wheeled waste bin with a bar beneath as below:



2.3 U.S.A Regulatory Compliance

2.3.1 FCC Part 15

2.3.1 FCC Part 15

RRU3936 complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device does not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

If this device is modified without authorization from Huawei, the device may no longer comply with FCC requirements for Class B digital devices. In that a case, your right to use the device may be limited by FCC regulations. Moreover, you may be required to correct any interference to radio or television communications at your own expense.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This device generates, uses and radiates radio frequency energy. If it is not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user may take one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Reinforce the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for assistance.

2.4 Japanese Regulatory Compliance

2.4.1 VCCI

2.4.1 VCCI

RRU3936complies with VCCI Class B by Information Technology Equipment (ITE).

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。 VCCI-B

The preceding translates as follows:

This is a Class B product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI).If this product is used Near a radio or television receiver in a domestic environment. It may cause radio Interference.Install and use the equipment according to the instruction manual.

2.5 CISPR 22 Compliance

RRU3936 complies with CISPR 22 for Class B by the ITE.

2.6 China RoHS hazardous substance table

This products described in this guide complies with the Chinese RoHS

部件名称	产品中有害物质或元素的名称及含量					
	镉	铅	汞	六价铬	多溴联苯	多溴联苯醚
Frame	○	×	○	○	○	○
Alloy Parts	○	×	○	○	○	○
Power Adapter	○	×	○	○	○	○
Metal Fittings	○	○	○	○	○	○
PCBA	○	×	○	○	○	○
Capacitor	○	×	○	○	○	○
Other electronics	○	×	○	○	○	○
Screen	○	○	○	○	○	○
Solder	○	×	○	○	○	○
Cable	×	×	○	○	○	○
Plastic and Polymer	○	×	○	○	○	×
Label	○	○	○	○	○	○

Battery	○	○	○	○	○	○
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2.7 India RoHS hazardous substance table

RRU3936 described in this guide complies with the Chinese RoHS

Part Descriptions	Restricted Substances in Product					
	Cd	Pb	Hg	Cr(VI)	PBBs	PBDEs
Frame	○	×	○	○	○	○
Alloy Parts	○	×	○	○	○	○
Power Adapter	○	×	○	○	○	○
Metal Fittings	○	○	○	○	○	○
PCBA	○	×	○	○	○	○
Capacitor	○	×	○	○	○	○
Other electronics	○	×	○	○	○	○
Screen	○	○	○	○	○	○
Solder	○	×	○	○	○	○
Cable	×	×	○	○	○	○
Plastic and Polymer	○	×	○	○	○	×
Label	○	○	○	○	○	○
Battery	○	○	○	○	○	○

2.8 Other Markets

For relevant compliance information/documentation for markets not mentioned above,
please contact Huawei representative