



Notified Body Statement of Opinion

No. THER1 11 11 65037 215

Certificate Holder: **Huawei Technologies Co Ltd**

Bantian
Huawei Industrial Base
Longgang
518129 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Base station**
Distributed Base Station Remote Radio Unit

Model(s): **RRU3929**

Technical data: TCF No. RRU3929

In accordance with Annex IV of European Union Council Directive 1999/5/EC on radio equipment and telecommunications terminal equipment, our opinion is that the equipment identified above and described in the Annex to this statement of opinion complies with the requirements of the above Directive as stated in article 3.1 (a) in respect of Health & Safety, article 3.1 (b) in respect of EMC and article 3.2 in respect of Radio Spectrum Use.

BABT File number: NC16208 i03

Date, 2011-11-30

(Les Rowland)

TUV SUD BABT is appointed as a Notified Body, with the identification number 0168, in accordance with the Council Directive 1999/5/EC for radio equipment and telecommunications terminal equipment. The CE marking and the TUV SUD BABT 0168 identification number may be used on the equipment described above, subject to the equipment meeting the compliance requirements of all applicable EU directives. This statement of opinion remains the property of TUV SUD BABT and is not transferable.

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R&TTE Annex IV Notified Body Opinion

Description of Equipment

Intended Use:	Distributed Base Station Remote Radio Unit
Model name:	RRU3929
Class of Equipment:	GSM 900MHz / DCS 1800MHz WCDMA Band VIII (900 MHz) WCDMA Band III (1800 MHz) E-UTRA Band 3 (1805 - 1880 MHz) Base Station, RTTE Class 2
Frequency Band(s):	GSM 900 / WCDMA 900: Transmitter: 925 - 960 MHz Receiver: 880 - 915MHz PGSM900 /WCDMA P900: Transmitter: 935-960MHz Receiver: 890-915MHz DCS 1800 /E-UTRA 1800: Transmitter: 1805 - 1880 MHz Receiver: 1710 - 1785 MHz
Type of modulation:	GSM: GMSK 8PSK WCDMA: QPSK 16QAM 64QAM LTE: QPSK 16QAM 64QAM
Channel Spacing(s):	GSM: 200 KHz WCDMA: 5MHz LTE: 1.4 / 3 /5 / 10 / 15 / 20 MHz
Designation of Emissions:	GSM: 300KGXW 300KG7W WCDMA: 5M00F9W LTE: 1M40D9W 3M00D9W

5M00D9W
10M0D9W
15M0D9W
20M0D9W

Transmit Power: 120W Maximum

Standards

EN 60950-1:2006+A11: 2009
EN 60950-22:2006+A11:2008
EN 60215(1989) ed3+A1:1992+A2:1994
EN 50385: 2002
EN 301 489-01 V1.8.1(2008-04)
EN 301 489-08 V1.2.1(2002-08)
EN 301 489-23 V1.4.1 (2010-10)
EN 301 502 V9.2.1 (2010-10)
EN 301 908-1 V4.2.1 (2010-03)
EN 301 908-3 V4.2.1 (2010-03)
EN 301 908-14 V4.2.1 (2010-03)
EN 301 908-18 V5.2.1 (2011-07)

Relevant Technical Documentation

Supplier's Declaration(s) of Conformity: Draft R&TTE dated 2011-10-12

User Guide: RRU3929 Hardware Description(PDF)-EN.pdf, last modified 2011-07-06
RRU3929 Hardware Maintenance Guide(01)(PDF)-EN.pdf, last modified 2011-06-22
RRU3929 Hardware Maintenance Guide(01)(PDF)-EN.pdf, last modified 2011-07-11
RRU3929 Compliance and Safety Manual.pdf, modified 2011-10-18

Test report numbers:

Radio:	68.950.11.138.01, 2011-08-30
	68.950.11.139.01, 2011-08-30
	68.950.11.157.01, 2011-10-18
	68.950.11.158.01, 2011-10-18
	68.950.11.159.01, 2011-10-18
	68.950.11.172.01, 2011-11-24
	68.950.11.173.01, 2011-11-24
EMC:	68.760.11.232.02, 2011-10-18
Safety:	68.220.11.134.01, 2011-08-30
EMF:	SYBH(R)060082011EA-1, 2011-08-18
	SYBH(R)063082011EA-1, 2011-08-19
	SYBH(R)001102011EA-1, 2011-10-08
	SYBH(R)002102011EA-1, 2011-10-08

SYBH(R)036092011EA-1, 2011-10-09
SYBH(R)016102011EA-1, 2011-10-15


Approved Software:	Edition:	RRU3929	V100R006C01
Approved Hardware:	Overall Build Level:	V300R002	
	Circuit Diagram:	900Mtop.pdf last modified 2011-01-26 1800M.pdf, last modified 2011-01-26 wd5ajrac30.pdf, last modified 2011-08-10 wd5ajrac80.pdf, last modified 2011-08-10	
	PCB Layout:	PCB.pdf, last modified 2011-08-16 3929PCB.pdf, last modified 2011-08-16	
	Parts List:	part List.pdf, last modified 2011-08-16	

Additional Information:

This transmit/receive equipment is suitable for co-sitting with GSM900, DCS1800, GSM850, PCS1900, UTRA FDD, UTRA TDD, PHS and 3GPP equipment in adjacent frequency bands.

Conditions of Validity

The equipment shall be installed and used in accordance with the manufacturer's installation and user instructions under the control of a licensed mobile telecommunications network operator.

Signed: 
on behalf of BABT

Date: 30th November 2011.