

CETECOM ICT Services GmbH

EC Identification Number 0682

authorized by the German Government



Bundesnetzagentur

BNetzA-bS-02/51-52

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

EXPERT OPINION

Registration-No.: **E816161X-03-EO**

Certificate Holder: **HUAWEI TECHNOLOGIES Co., Ltd.**
Bantian, Longgang District
Shenzhen, 518129
P.R. China

Product Designation: **EM820W**

Product Description: **HSPA+ Module**

Product Manufacturer: **see Certificate Holder**

Essential requirements	Specifications / Standards	Submitted documents	Result
Safety (R&TTE, Article 3.1a)	EN 60950-1:2006/A11:2009/A1:2010/A12:2011	Test Report	conform
EMC (R&TTE, Article 3.1b)	EN 301 489-1 V1.9.2 EN 301 489-7 V1.3.1 EN 301 489-24 V1.5.1	Test Report	conform
Radio spectrum (R&TTE, Article 3.2)	EN 301 511 V9.0.2 EN 301 908-1 V5.2.1 EN 301 908-2 V5.2.1	Test Reports	conform

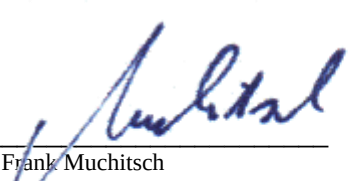
Marking: **The product shall be marked with CE and our notified body number.**

CE 0682

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

Number of annexes: **1**

Saarbrücken, 2012-12-12
Place, Date of Issue


Signed by Frank Muchitsch
Notified Body



Product Characteristics:

HSPA+ Module

Operating frequency : WCDMA/HSDPA/HSUPA: 900 MHz
WCDMA/HSDPA/HSUPA: 2100 MHz
GSM/GPRS//EDGE: 900 MHz
GSM/GPRS/EDGE: 1800 MHz

Output power (ERP/EIRP) : WCDMA: 24 dBm
GSM900: 33 dBm
GSM1800: 30 dBm

Antenna : external antenna

Temperature : -10°C to +55°C

Power supply : 3.3 V DC nominal

Conformity Details:

Evaluated test reports	
Requirement	Standard, test report number, date & laboratory
Safety	EN 60950-1:2006/A11:2009/A1:2010/A12:2011 -No.: 1-4246/12-179-02 dated 2012-12-04 and issued by CETECOM ICT Services GmbH
EMC	EN 301 489-1 V1.9.2 EN 301 489-7 V1.3.1 EN 301 489-24 V1.5.1 -No.: 1-4246/12-179-03 dated 2012-12-04 and issued by CETECOM ICT Services GmbH
Radio	EN 301 511 V9.0.2 EN 301 908-1 V5.2.1 EN 301 908-2 V5.2.1 -No.: 1-1930-207-04/10 dated 2010-12-15 and issued by CETECOM ICT Services GmbH -No.: 1-4246/12-179-04 dated 2012-12-10 and issued by CETECOM ICT Services GmbH

Miscellaneous:

- TCF according to the application
