



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

BNetzA-bS-02/51-54

## R&TTE STATEMENT OF OPINION

Registration No. G109092C

Certificate Holder Shanghai Simcom Ltd.  
 Building A, SIM Technology Building, No. 633, Jinzhong Road  
 Changning District, Shanghai  
 P.R. China

Product Designation Wireless Module, Model No.: SIM5320E

Product Description GSM/GPRS/EDGE/UMTS/HSDPA Module with GPS function

Manufacturer Shanghai Simcom Ltd.  
 Building A, SIM Technology Building, No. 633, Jinzhong Road  
 Changning District, Shanghai  
 P.R. China

Essential Requirement		Applied Standards	Documentary Evidence	Result
Art. 3.1(a)	Health	Not assessed	-	-
Art. 3.1(a)	Safety	EN 60950-1+A11	Test Report 1102S003S	conform
Art. 3.1(b)	EMC	EN 301 489-1/-3/-7/-24	Test Report 112S010R-RF-CE-P21V01 Rev. V5.2	conform
Art. 3.2	Radio	EN 301 511 EN 301 908-1/-2 EN 300 440-1/-2	Test Report 112S010R-RF-CE-P05V01 Test Report 112S010R-HP-CE-P20V01 Test Report SH_UT_004117 Test Report SH_GT_304674 Test Report 112S010R-RF-CE-P14V02	conform

The product shall be marked with the CE conformity marking  
 and our Notified Body number as shown on the right.

**CE 0678**

The scope of evaluation relates to the submitted documents only.

This Statement of Opinion is issued in accordance with Annex IV of the R&TTE Directive 1999/5/EC  
 of 9<sup>th</sup> March, 1999 and is only valid in conjunction with the attached Annex.

Unterleinleiter,  
 2012-03-20



Mohamed Yassine Khalek  
 Notified Body



### Technical details

Frequency Range: 900 MHz (GSM) / 1800 MHz (DCS)  
UMTS Uplink: 1920 – 1980 MHz (FDD Band I)  
880 – 915 MHz (FDD Band VIII)  
UMTS Downlink: 2110 – 2170 MHz (FDD Band I)  
925 – 960 MHz (FDD Band VIII)  
1.57542 GHz (GPS Receiver)

Transmit Power: 2 W (GSM) / 1 W (DCS)  
23.88 dBm conducted (WCDMA)

Modulation Type: GMSK (GSM)  
QPSK (WCDMA)  
BPSK (GPS)

Hardware Version: V1.03

Software Version: SIM5320E\_V1.5

Antenna type: Monopole antenna

Antenna gain: 1.83 dBi for GSM 900  
-2.14 dBi for DCS 1800  
-1.02 dBi for WCDMA

### Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Safety</i>			
Applied Standards	Version	Applied Standards	Version
EN 60950-1+A11	2009		
Report or Certificate No.	Issue Date	Issued by	
1102S003S	2011-03-11	QuieTek Technology (Suzhou) Co., Ltd.	
<i>To demonstrate conformity with Article 3.1(b) EMC</i>			
Applied Standards	Version	Applied Standards	Version
EN 301 489-1	V1.8.1	EN 301 489-7	V1.3.1
EN 301 489-3	V1.4.1	EN 301 489-24	V1.5.1
Report or Certificate No.	Issue Date	Issued by	
112S010R-RF-CE-P21V01 Rev. V5.2	2012-03-20	QuieTek Corporation	
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>			
Applied Standards	Version	Applied Standards	Version
EN 301 511	V9.0.2	EN 300 440-1	V1.6.1
EN 301 908-1	V4.2.1	EN 300 440-2	V1.4.1
EN 301 908-2	V4.2.1		
Report or Certificate No.	Issue Date	Issued by	
112S010R-RF-CE-P05V01	2011-02-22	QuieTek Corporation	
112S010R-HP-CE-P20V01	2011-02-22	QuieTek Corporation	
SH_UT_004117	2011-05-24	CETECOM Shanghai Communication Testing and Consulting Co., Ltd.	
SH_GT_304674	2011-05-12	CETECOM Shanghai Communication Testing and Consulting Co., Ltd.	
112S010R-RF-CE-P14V02	2011-06-16	QuieTek Corporation	
<i>Declaration of Conformity</i>			
Signed by		Date	
Yongsheng Li		2011-06-01	
<i>Technical Documentation</i>			
Block diagram			
External / Internal photos			
Parts list			
Schematic diagram			
User Manual			