

FCC RF Test Report

APPLICANT : Huawei Technologies Co., Ltd.
EQUIPMENT : HUAWEI Ascend G 301; HSDPA/UMTS/GSM/GPRS/EDGE
Mobile Phone with Bluetooth
BRAND NAME : HUAWEI
MODEL NAME : HUAWEI U8816-1, U8816-1
FCC ID : QISU8816-1
STANDARD : FCC Part 15 Subpart C §15.247
CLASSIFICATION : (DTS) Digital Transmission System

The product was received on Apr. 06, 2012 and completely tested on Apr. 27, 2012. We, SPORTON INTERNATIONAL (KUNSHAN) INC., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.4-2003 and shown the compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL (KUNSHAN) INC., the test report shall not be reproduced except in full.

Reviewed by:



Jones Tsai / Manager



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR240601-01B	Rev. 01	EUT is variant version of HUAWEI U8816-51 (FCC ID: QISU8816-51), and the product equality declaration could be referred to Appendix B. Since the test result is not affected by the changes, all the test cases were performed in original report which can be referred to Sporton Report No. FR240601B as Appendix C.	Jun. 08, 2012

1 General Description

1.1 Applicant

Huawei Technologies Co., Ltd.

Bantian, Longgang District, Shenzhen, 51829 Guangdong, P.R.China

1.2 Manufacturer

Huawei Technologies Co., Ltd.

Bantian, Longgang District, Shenzhen, 51829 Guangdong, P.R.China

1.3 Feature of Equipment Under Test

Product Feature & Specification	
Equipment	HUAWEI Ascend G 301; HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth
Brand Name	HUAWEI
Model Name	HUAWEI U8816-1, U8816-1
FCC ID	QISU8816-1
Tx/Rx Frequency Range	2412 MHz ~ 2462 MHz
Number of Channels	11
Carrier Frequency of Each Channel	2412+(n-1)*5 MHz; n=1~11
Channel Spacing	5 MHz
Maximum Output Power to Antenna	802.11b : 16.98 dBm (0.0499 W) 802.11g : 21.15 dBm (0.1303 W) 802.11g/n (BW 20MHz) : 19.07 dBm (0.0807 W)
Duty Cycle	802.11b : 100.00% 802.11g : 94.93% 802.11g/n (BW 20MHz) : 94.40%
Antenna Type	Loop Antenna with gain -1.07 dBi
HW Version	HD3U8815M
SW Version	U8816V100R001C00B879
Type of Modulation	802.11b : DSSS (BPSK / QPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.