



EMC Test Report

**Product Name: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone
with Bluetooth; Ascend G600**

Model Number: HUAWEI U8950-51, U8950-51

Report No: SYBH(Z-EMC)193082012-3

FCC ID: QISU8950-51

Reliability Laboratory of Huawei Technologies Co., Ltd.

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Notice

1. The laboratory has obtained the accreditation of China National Accreditation Service for Conformity Assessment (CNAS), and accreditation number: L0310.
2. The laboratory has passed the accreditation by The American Association for Laboratory Accreditation (A2LA). The accreditation number is 2174.01.
3. The laboratory has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements. The site recognition number is 97456.
4. The laboratory has been listed by industry Canada to perform electromagnetic emission measurement. The site recognition number is 6369A-2.
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Applicant: Huawei Technologies Co., Ltd.
Address: Administration Building, Headquarters of Huawei
Technologies Co., Ltd., Bantian, Longgang District,
Shenzhen, 518129, P.R.C

Date of Receipt Test Item: Aug.13, 2012
Start Date of Test: Aug.13, 2012
End Date of Test: Aug.24, 2012

Test Result: Pass

**Approved By
(Lab Manager)**

2012-08-30
Date

Liuchunlin
Name

Signature

Operator

2012-08-30
Date

Daniel
Name

Signature



Modification Record

No.	Last Report No.	Modification Description
1	NA	First report



TABLE OF CONTENT

1	General Information	6
1.1	EUT Description	6
1.2	Test Site Information	8
1.3	Applied Standards	8
1.4	differences Description.....	9
1.5	Necessary Tests	9



1 General Information

1.1 EUT Description

EUT Description	
Product Name	HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600
Model Number	HUAWEI U8950-51,U8950-51
Serials Number	B9N01A9272800049
TX Frequency	GSM850:824MHz To 849MHz; GSM1900:1850MHz To 1910MHz; WCDMA BAND V: 824MHz To 849MHz WCDMA BAND II: 1850MHz To 1910MHz WIFI: 2412MHz To 2462MHz Bluetooth: 2402MHz To 2480MHz;
RX Frequency	GSM850:869MHz To 894MHz; GSM1900:1930MHz To 1990MHz WCDMA BAND V: 869MHz To 894MHz WCDMA BAND II: 1930MHz To 1990MHz WIFI: 2412MHz To 2462MHz Bluetooth: 2402MHz To 2480MHz; GPS: 1575.42MHz
HW Version	HD2U8950M
SW Version	U8950-1V100R001C00B930



EUT Accessory	
Data cable	Data Cable USB A Male to Micro Usb, shielded
Adapter	Brand: HUAWEI Model: HW-050100U1W Input voltage: ~100-240V 50/60Hz 0.2A Output voltage: 5V $\overline{\text{---}}$ 1A Rated Power: 5W S/N: TPAB91421779 S/N: HKABC1279152
Adapter	Brand: HUAWEI Model: HW-050100E1W Input voltage: ~100-240V 50/60Hz 0.2A Output voltage: 5V $\overline{\text{---}}$ 1A Rated Power: 5W S/N: TPAAA0856989 S/N: HKBBA1464931
Adapter	Brand: HUAWEI Model: HW-050100B1W Input voltage: ~100-240V 50/60Hz 0.2A Output voltage: 5V $\overline{\text{---}}$ 1A Rated Power: 5W S/N: TPABB2462048 S/N: HKABB1374396
Adapter	Brand: HUAWEI Model: HW-050100A1W Input voltage: ~100-240V 50/60Hz 0.2A Output voltage: 5V $\overline{\text{---}}$ 1A Rated Power: 5W S/N: HKAC60495741
Adapter	Brand: HUAWEI Model: HW-050100U2W Input voltage: ~100-240V 50/60Hz 0.2A Output voltage: 5V $\overline{\text{---}}$ 1A Rated Power: 5W S/N: HWHKAAC71103062 S/N: HWBYAAC71900016
Adapter	Brand: HUAWEI Model: HW-050100E3W Input voltage: ~100-240V 50/60Hz 0.2A Output voltage: 5V $\overline{\text{---}}$ 1A Rated Power: 5W S/N: BYAAC61810819
Rechargeable Li-ion	Brand: HUAWEI Battery Model: HB5R1H Rated capacity: 1390mAh Nominal Voltage: $\overline{\text{---}}$ +3.7V Charging Voltage: $\overline{\text{---}}$ +4.2V S/N: SASC507A03500506

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



1.2 Test Site Information

Site 1:	RELIABILITY LABORATORY OF HUAWEI TECHNOLOGIES CO., LTD.
Test Site Location:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

1.3 Applied Standards

APPLIED STANDARD

47 CFR FCC Part 15:2011, Subpart B



1.4 Differences Description

The difference of U8950-51 and U8950N-51:

- The mobile phone U8950N-51 is a HSDPA/HSUPA/UMTS/GPRS/GSM/EDGE mobile phone with Bluetooth and NFC, which supports GSM850/900/1800/1900 and WCDMA850/1900/2100
- The mobile phone U8950-51 is a HSDPA/HSUPA/UMTS/GPRS/GSM/EDGE mobile phone with Bluetooth, which supports GSM850/900/1800/1900 and WCDMA850/1900/2100
- The difference between U8950N-1 and U8950-1 is showed in the following table.

	U8950N-51	U8950-51
GSM four bands	the same	the same
WCDMA bands	the same	the same
FLASH	the same	the same
Mainboard	the same	the same
Appearance	the same	the same
NFC	Have	Without
Bluetooth mode	the same	the same
WLAN mode	the same	the same
BT/ WLAN antenna	the same	the same
GSM/ WCDMA antenna	the same	the same
External camera	the same	the same
internal camera	the same	the same
Adapter	the same	the same
Battery	the same	the same
Chipset	the same	the same
Memory	the same	the same
Form factor	Bar type, Internal antenna	Bar type, Internal antenna
RF Parameter	The same RF Parameter in the same band	The same RF Parameter in the same band
BT RF Parameter	the same	the same
Dimension	the same	the same
Weight	the same	the same
Bluetooth	the same	the same
External camera	the same	the same
Main Frequency NV	The same NV in the same band	The same NV in the same band
BT conducted power	the same	the same
WIFI conducted power	the same	the same

1.5 Necessary Tests

The change of the appliance does not affect the EMC characteristic, therefore, the EUT is deemed to fulfill the EMC requirements without further tests. For more information about the tests performed on the U8950N-51 please refer to the test report of the model U8950N-51 (Report No.:SYBH(Z-EMC)193082012-2) .

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