

# Justification Letter

Date (08/04/2014)

BABT TCB  
Balfour House,  
Churchfield Road,  
Walton-on-Thames,  
Surrey,  
KT12 2TD

Dear Sir or Madam,

We,

Huawei Technologies Co., Ltd.  
Bantian, Longgang District, Shenzhen, 518129, China

Hereby to do the Justification on original FCC and IC application: LTE Wireless Gateway, Model no.:B882-66, FCC ID: QISB882-66, IC: 6369A-B88266 as following:

B882-66 is a LTE Wireless Gateway, it is a subscriber equipment in the WCDMA/LTE system, also supports wireless Internet accessing function, routing function, network address translation (NAT) function. The HSPA+/WCDMA frequency band is Band 2/4/5. The LTE frequency band includes Band 2/4/5/7/12/13/17. And the TX/RX band is 2400MHz~2483MHz for WLAN.

B890-L66 (FCC ID: QISB882-66 granted data 2012-10-15: IC: 6369A-B88266, Approval date: 2014-02-21) is a LTE Wireless Gateway, it is a subscriber equipment in the WCDMA/LTE system, also supports wireless Internet accessing function, routing function, network address translation (NAT) function. The HSPA+/WCDMA frequency band is Band 2/4/5. The LTE frequency band includes Band 2/4/5/7/12/13/17. And the TX/RX band is 2400MHz~2483MHz for WLAN.

The difference between B890-L66 (FCC ID: QISB882-66 granted data 2012-10-15: IC: 6369A-B88266, Approval date: 2014-02-21) and B882-66 as below:

- (1) B882-66 delete the USB port interface and corresponding components in schematic. There is no change about RF part.
- (2) B882-66 delete WCDMA and LTE external antenna ports
- (3) Enclosure and appearance is different.

The followed table shows the different between the 2 Models.

|                                      | B890-66      | B882-66                        |
|--------------------------------------|--------------|--------------------------------|
| HSPA/WCDMA 1900M/AWS/850M            | support      | support                        |
| LTE Band 2/4/5/7/12/13/17            | support      | support                        |
| WCDMA and LTE internal antenna       | The same     | The same                       |
| WCDMA and LTE external antenna ports | Support      | No support, delete by hardware |
| WiFi 2.4G 11(b+g+n) ,2*2             | Support      | Support                        |
| WiFi antenna                         | The same     | The same                       |
| PCB layout                           | The same     | The same                       |
| USB port interface                   | Support      | No support, delete by hardware |
| Four RJ45 ports                      | Support      | Support                        |
| RJ11 port                            | Support      | Support                        |
| Adatpter                             | HW-120200U6W | HW-120200U6W                   |
| Enclosure and appearance             | Not the same | Not the same                   |
| Other Accessory                      | No           | No                             |

So in FCC and IC application for B882-66 FCC ID: QISB882-66, IC: 6369A-B88266

New RF test report for HSPA+/WCDMA /LTE please refer to SYBH(Z-RF) 018032014-2001, and in this new test report only contain the output power and radiated spurious emission test data, other test items please refer to below report of B890-L66 (FCC ID: QISB882-66 granted data 2012-10-15: IC: 6369A-B88266, Approval date: 2014-02-21), the detailed information as below:

The WCDMA B2 and LTE B2 test Transmitter Output Power and Field Strength of Spurious Radiation refer to SYBH(Z-RF) 018032014-2001, other refer to SYBH(Z-RF)004092012-2001 of B890-66, and this test report is still effective.

The WCDMA B4 and LTE B4 test Transmitter Output Power and Field Strength of Spurious Radiation refer to SYBH(Z-RF) 018032014-2001, other refer to SYBH(Z-RF)004092012-2002 of B890-66, and this test report is still effective.

The WCDMA B5 and LTE B5 test Transmitter Output Power and Field Strength of Spurious Radiation, other refer to SYBH(Z-RF)004092012-2003 of B890-66, and this test report is still effective.

The LTE B7 test Transmitter Output Power and Field Strength of Spurious Radiation refer to SYBH(Z-RF) 018032014-2001, other refer to SYBH(Z-RF)004092012-2004 of B890-66, and this test report is still effective.

The LTE B12 test Transmitter Output Power and Field Strength of Spurious Radiation refer to SYBH(Z-RF) 018032014-2001, other refer to SYBH(Z-RF)004092012-2005 of B890-66, and this test report is still effective.

The LTE B13 test Transmitter Output Power and Field Strength of Spurious Radiation refer to SYBH(Z-RF) 018032014-2001, other refer to SYBH(Z-RF)004092012-2006 of B890-66, and this test report is still effective.

The LTE B17 test Transmitter Output Power and Field Strength of Spurious Radiation refer to SYBH(Z-RF) 018032014-2001, other refer to SYBH(Z-RF)004092012-2007 of B890-66. and this test report is still effective.

The 2.4G wifi test case refer to SYBH(Z-RF)004092012-2008 of B890-66, and this test report is still effective.

Test data for Part 15B Unintentional Radiator is refer to new test report "SYBH(Z-EMC)042032014-2", and this data according to Part 15B and ICES-003 are representative of the compliance of B882-66.

New MPE test report SYBH(Z-SAR)031032014-2 had been submitted in this applicable to representative of the SAR compliance of the product with this.

Sincerely,

For and Behalf of:   
Huawei Technologies Co., Ltd.

Zhangxinghai  
EMC Laboratory Manager