

# 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
Adappter	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