



HUAWEI

Justification Letter

Date (08/24/2017)

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

Dear Sir or Madam,

We,

Huawei Technologies Co., Ltd.
Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District,
China

hereby to do the original application justification on FCC application:

Table with 2 columns: Product name: Access Router, Models, FCC ID. Rows include AR-Sa-La-MC, AR-Sa-La-BC, AR-Sa-U-BC, and AR-Se-MC with their respective FCC IDs.

The details of technical as following:

Models: AR-Sa-La-MC, AR-Sa-La-BC, AR-Sa-U-BC are Access Router in the LTE/ WCDMA system. The LTE frequency band is Band II, Band IV, Band XII, The WCDMA frequency band is Band II, Band IV, Band V. The Access Router implements such functions as RF signal receiving/transmitting, LTE/ WCDMA protocol processing. Externally it provides RS232 port (Indicator states can be user defined.)/CAN port (Indicator states can be user defined.)/RS485 port (Indicator states can be user defined.)/SIM card slot and LTE antenna(to provide LTE & WCDMA service) /100M electrical interfaces (transmitted Data)/Micro SD card slot (to upload/download date service)/DI/DO interfaces (Indicator states can be user defined.) /FXS port (to provide voice service) and USB port (to upload/download data service). It also provides BLE (Bluetooth Low Energy) module to synchronize data between an Access Router and another one. AR-Se-MC is same with AR-Sa-La-MC but without LTE/WCDMA module.

For the four models of Access router, the difference between these four FCC ID as below table:

Table with 5 columns: Model, AR-Sa-La-MC, AR-Sa-La-BC, AR-Sa-U-BC, AR-Se-MC. Rows include Trade mark, Frequency-WCDMA, Frequency-LTE, and interface details.



	100M electrical interfaces, a USB interface, a Micro SD card slot, SIM card slot, a FXS interface, a DI/DO interface, two LTE antenna interface	interface and one CAN interface. Also add a RS485 interface, the others are same with AR-Sa-La-MC.		antenna interface and SIM card slot
SIM Card	Dual	Dual	Dual	Not support
Hardware Version	the same	the same	the same	the same
Software Version	the same	the same	the same	the same
Dimensions	the same	the same	the same	the same
Appearance	the same	the same	the same	the same
LTE antenna	the same	the same	the same	Not support
BT antenna	the same	the same	the same	the same
Others	the same	the same	the same	the same

The LTE and WCDMA parts was referred from approved modular FCC ID: XMR201605EC25A, so "Contains FCC ID: XMR201605EC25A" was listed in label, this application was only applied in BLE part.

Based on the differences of the above table for the four Access Router

New Test report RHA1705-0051RF01R2 for BLE 4.1(DTS part) have been submitted, and this report according to Part 15C 247 is valid and applicable and they are representative of the compliance of AR-Sa-La-MC, FCC ID: QIS-AR-SA-LA-MC, AR-Sa-La-BC, FCC ID: QIS-AR-SA-LA-BC, AR-Sa-U-BC FCC ID: QIS-AR-SA-U-BC, AR-Se-MC FCC ID: QIS-AR-SE-MC

New Test report RHA1705-0051MPE01R2 for MPE test report have been submitted, and this report according to KDB 447498 is valid and applicable and they are representative of the compliance of AR-Sa-La-MC, FCC ID: QIS-AR-SA-LA-MC, AR-Sa-La-BC, FCC ID: QIS-AR-SA-LA-BC, AR-Sa-U-BC FCC ID: QIS-AR-SA-U-BC

New Test report RHA1705-0051MPE03 for MPE test report have been submitted, and this report according to KDB 447498 is valid and applicable and they are representative of the compliance of AR-SE-MC, FCC ID: QIS-AR-SE-MC,

Sincerely,

For and Behalf of:



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Huawei Technologies Co., Ltd.

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