

Justification Letter

Date (18/05/2012)

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 FCC application: LTE 2D USB Rotator, E397Bu-501R3, FCC ID: QISE397BU-501R as following:

E397Bu-501R3 LTE/HSPA+/WCDMA/EDGE/GPRS/GSM dual mode10 bands 2D USB Rotator is subscriber equipment in the LTE/UMTS/GSM system. E397Bu-501R3 implement such functions as RF signal receiving/transmitting LTE, DC-HSPA+/WCDMA and EDGE/GPRS/GSM protocol processing, data service etc. Externally it provides USB interface (to connect to the notebook etc.), USIM card interface and Micro SD card interface.

The difference of E397Bu-501(LTE 2D USB Rotator, E397Bu-501, FCC ID: QIS397BU-501, Grant date: 2012-01-14) and E397Bu-501R3:

E397Bu-501 is a GSM/GPRS/EDGE/WCDMA/LTE 2D USB Rotator which supports GSM four bands, WCDMA band 1/2/5, LTE Band 4/17.

- 1) E397Bu-501R3 adds the WCDMA band 4 through software based on Old E397Bu-501. The PCB is the same. It doesn't affect the other bands performance.
- 2) E397Bu-501R3 increase the out power for WCDMA band 2 through NV.

The followed table is show the different between the 2 Modules.

	E397Bu-501 (old)	E397Bu-501R3 (new)
LTE AWS BAND	support	support
LTE BAND17	support	support
WCDMA B1	support	support
WCDMA PCS	Support 22dBm [+/-1dB]	Support Low channel:22.6dBm [+/-1dB] Mid channel:22.6dBm [+/-1dB] High channel:23.5dBm [+/-1dB]
WCDMA AWS	NO	support
WCDMA B5	support	support
GSM 850/900/1800/1900	support	support
FLASH	the same	the same
PCB	the same	the same
Appearance	Common Appearance	Common Appearance

So in FCC application for E397Bu-501R3(FCC ID: QISE397BU-501R),

SAR Test data for GSM/GPRS/EDGE WCDMA/HSPA+/HSDPA/HSUPA 850MHz, GSM/GPRS/EDGE 1900, LTE Band 4, LTE Band 17 refer to report "SYBH(Z-SAR)007122011-2" in FCC application for E397Bu-501(FCC ID: QISE397BU-501, Grant date: 2012-01-14), and this data according to OET Bulletin No. 65, Supplement C-2001, IEEE 1528-2003, IEEE Std C95.1-1999, KDB941225 D01, KDB 941225 D05, KDB 447489 D02 remains valid and applicable and they are representative of the compliance of E397Bu-501R3.

New SAR Test report (SYBH(Z-SAR)037042012-2) to demonstrate WCDMA/HSPA+/HSDPA/HSUPA 1900MHz and WCDMA/HSPA+/HSDPA/HSUPA 1700MHz comply with the SAR requirement.

Sincerely,

For and Behalf of:

Huawei Technologies Co., Ltd.



Zhangxinghai

EMC Laboratory Manager