



Date: Apr. 26, 18

To: TCL Communication Ltd.

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Subject: Request permission to re-use Wi-Fi / Bluetooth/ GSM/ WCDMA/ LTE /NFC/SAR test results from model **BBB100-1** in our applications for model **BBB100-5**

FCC ID: 2ACCJN027

To whom it may concern:

We request permission to re-use Wi-Fi / Bluetooth/ GSM/ WCDMA/ LTE /NFC /SAR test results from model **BBB100-1** (FCC ID: 2ACCJN016) in our applications for model **BBB100-5** (FCC ID: 2ACCJN027).

BBB100-5 share the same enclosure, main logic board, display, battery and I/O design. Both models use the same Wi-Fi / Bluetooth/ GSM/ WCDMA/ LTE /NFC chipset/module and antennas, and operate using the same transmit power levels. Also, all two models run the same Android software.

BBB100-5 add CA1A+5A.

BBB100-5 is dual sim card, BBB100-1 is single sim card.



● **SOFTWARE MODIFICATIONS:**

- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: No
- DM/SUPL/VT/FUMO/SWP/HCI: NO
- Other changes detailed: add dual SIM

● **HARDWARE MODIFICATIONS:**

- Baseband changes: NO
- Band changes: YES (BBB100-5 add CA 1A+5A)

| product | GSM | UMTS | LTE |
|----------|-------------------|-----------------|---|
| BBB100-1 | 850/900/1800/1900 | 1, 2, 4, 5/6, 8 | Home:1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 28, 29, 30,40 Roaming 19,20,38,39,41 |
| BBB100-5 | 850/900/1800/1900 | 1, 2, 4, 5/6, 8 | Home:1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 28, 29, 30,40 Roaming 19,20,38,39,41 |

- Antenna changes: NO
- PCB Layout changes: NO
- Main components changes:

| | Base Band | Transceiver | ASM | Power Amplifier | Tx SAW Filter | Rx SAW Filter (SAW Duplexer) |
|----------|-----------|-------------|-----|-----------------|---------------|------------------------------|
| GSM 850 | NO | NO | NO | NO | N/A | NO |
| GSM 900 | NO | NO | NO | NO | N/A | NO |
| GSM 1800 | NO | NO | NO | NO | N/A | NO |
| GSM 1900 | NO | NO | NO | NO | N/A | NO |

| | Base Band | Transceiver | ASM | Power Amplifier | Tx SAW Filter | Rx SAW Filter (SAW Duplexer) |
|---------------|-----------|-------------|-----|-----------------|---------------|------------------------------|
| UMTS FDD I | NO | NO | NO | NO | NA | NO |
| UMTS FDD II | NO | NO | NO | NO | NA | NO |
| UMTS FDD IV | NO | NO | NO | NO | NA | NO |
| UMTS FDD V | NO | NO | NO | NO | NA | NO |
| UMTS FDD VIII | NO | NO | NO | NO | N/A | NO |

| | Base Band | Transceiver | ASM | Power Amplifier | Tx SAW Filter | Rx SAW Filter (SAW Duplexer) |
|---------|-----------|-------------|-----|-----------------|---------------|------------------------------|
| LTE B1 | NO | NO | NO | No | N/A | NO |
| LTE B2 | NO | NO | NO | No | N/A | NO |
| LTE B3 | NO | NO | NO | NO | N/A | NO |
| LTE B4 | NO | NO | NO | NO | N/A | NO |
| LTE B5 | NO | NO | NO | NO | N/A | NO |
| LTE B7 | NO | NO | NO | NO | N/A | NO |
| LTE B8 | NO | NO | NO | No | N/A | NO |
| LTE B12 | NO | NO | NO | No | N/A | NO |
| LTE B13 | NO | NO | NO | No | N/A | NO |
| LTE B17 | NO | NO | NO | No | N/A | NO |
| LTE B19 | NO | NO | NO | No | N/A | NO |
| LTE B20 | NO | NO | NO | No | N/A | NO |
| LTE B28 | NO | NO | NO | No | N/A | NO |
| LTE B29 | NO | NO | NO | No | N/A | NO |



| | | | | | | |
|---------|----|----|----|----|-----|----|
| LTE B30 | NO | NO | NO | No | N/A | NO |
| LTE B38 | NO | NO | NO | No | N/A | NO |
| LTE B39 | NO | NO | NO | No | N/A | NO |
| LTE B40 | NO | NO | NO | No | N/A | NO |
| LTE B41 | NO | NO | NO | No | N/A | NO |

| | Antanna | AP | MODEM | Transceiver | Balun | Band pass filter | diplexer |
|-----------|---------|----|-------|-------------|-------|------------------|----------|
| Bluetooth | NO | NO | NO | NO | N/A | NO | NO |
| wifi | NO | NO | NO | NO | N/A | NO | NO |

- Bluetooth changes: NO
- WiFi changes: NO
- FM changes: NO
- Other components changes: NO
- TP/LCD/ Camera changes: NO

● **SOFTWARE MODIFICATIONS:**

- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: No
- DM/SUPL/VT/FUMO/SWP/HCI: NO
- Other changes detailed: add dual SIM

● **MECHANICAL MODIFICATIONS:**

- Use new metal front/back cover or keypad: NO
- Mechanical shell changes: NO
 - Whole size of EUT: 149.3x72.5x9.42mm
 - Distance of Ear reference point to bottom of handset: 144.8mm
 - Other trinkets to change the surface of handset: no
- Other changes detailed: add dual SIM

For the above, we performed 2 points spot check of each band SAR test.
The other test result coming from the initial model.

Sincerely yours,

Zi Xiaogang