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Object: Integration of TI WL1837MOD wireless module into BUG OLED: Go.

To whom it may concern

We, BCF Technology Ltd, declare that the FCC test results for the TI WL1837MOD wireless module (Model: WL18MODGI, FCC ID: Z64-WL18DBMOD, IC: 451I-WL18DBMOD) can be considered as fully representative of the new conditions encountered when integrating the module into the BUG OLED:Go product and that for this reason testing to Part 15C and Part 15E of the FCC regulations was not repeated on the BUG OLED: Go product.

The relevant FCC RF test report with test results for the TI WL1837MOD wireless module are:

- FCC RF Test Report: Report No. : FR4O0971C
- FCC RF Test Report: Report No. : FR4O0971D

As a supporting evidence to the statement above we can confirm the following facts:

1) BUG OLED:Go uses the TI WL1837MOD Wi-Fi module (Model: WL18MODGI, FCC ID: Z64-WL18DBMOD) as its only means of wireless communication.
2) The module has been configured to operate only in the following Tx/Rx frequency range and bandwidth:
   - 802.11n: 2412MHz-2462MHz, HT20, channels 1, 6 and 11.
   - 802.11n: 5180MHz- 5240MHz, HT40, channels 36,40,44 and 48.

   The module has been configured to use only OFDM/BPSK modulation (MCS0 mode).
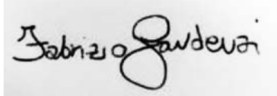
   The module has been configured to use only RF antenna 1 port.

   The module only supports SISO mode, it does not support MIMO or antenna diversity.

   With this configuration the module has been tested by the module manufacturer and found to be compliant with Part 15C and Part 15E of the FCC regulations.

3) BUG OLED: Go uses one of the module manufacturer declared antenna (Pulse W3600).
4) The reference design and PCB layout/ design recommendations regarding RF traces, antenna routing, RF module layout as provided in the datasheet of the WL1837MOD module have been accurately followed when designing the PCB layout of the BUG OLED:Go product.
5) BUG OLED: Go uses the original WL1837MOD module software including the initialization file (.INI) that has been granted US Federal Communication Commission (FCC) equipment authorization.
6) BUG OLED:Go has 802.11a, 802.11b and 802.11g functionality disabled, Bluetooth and Bluetooth LE functionality is also disabled.|

Best regards

Fabrizio Gaudenzi

Lead Design Engineer at BCF Technology Ltd