



Date (03/05/2019)

TUV SUD BABT
Octagon House,
Segensworth Road,
Fareham,
Hampshire,
PO15 5RL

REF: C2PC for FCC ID: 2AF3K-SPC1, Model: SPC1

Dear Sir or Madam,

Pursuant to FCC Rule Part 2.1043, we hereby submit a request for FCC C2PC for FCC ID: 2AF3K-SPC1, Model: SPC1.

Description of the change:

The CC2640 is the BLE controller IC. It uses the 24 MHz clock and upmixes that to generate the BLE radio frequencies. It also uses a 32 kHz clock for the on-chip processor to handle standby modes. The portion we are changing is the source of this 32 kHz clock. In the previously certified unit, the CC2640 uses an internal oscillator as its 32 kHz clock source. In the new unit, we populated Y1 with the 32 KHz Crystal, C11 with a 12pf Capacitor, and C10 with a 12pf Capacitor, and use this external crystal as the 32 kHz clock source. No other parts were changed, and there are no differences in the dimensions of the unit, or PCB design.

Sincerely,

A handwritten signature in black ink that reads "Michael C. Lamfalusi".

Michael Lamfalusi
Devices Hardware Lead
Square Inc.