Date 12th February 2016

RE: FCC Hopping Protocols Declaration

FCC ID: NQ8PX051AEI

To Whom It May Concern:

Bluetooth devices operate in the unlicensed 2.4 GHz ISM (Industrial Scientific Medical) band. A frequency hopping transceiver is used to combat interference and fading. The BT system operates in the 2.4 GHz ISM band at 2400-2483.5 MHz. The BT system uses 79 RF channels. These RF channels have centre frequencies

Frequency hopping:

The Local Oscillator (LO) generates the fast frequency hopping (1600 hops/second) across 79 maximum available channels. The LO generation sub-block employs an architecture for high immunity to pulling during PA operation. The device uses fully-integrated PLL loop filters.

Yours faithfully,

Pace Ltd

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