

Centrica Connected Home Limited

05/31/2017

Application for Permissive Change of FCC ID: WJHSLP2C, IC :21719-SLP2C

Dear Sir/Madam:

The purpose of this document is to describe all the changes made on the certified transmitter with FCC ID:WJHSLP2Cand IC: 21719-SLP2C

Modification:

- Changed the supplier of the crystal oscillator chip (Y1) used forZigbee controller IC.
 - o The new chip component is pin-for-pin compatible.
 - o The nominal oscillating frequency of the new chip is the same as the old chip.
 - o The basic function of the new and old chip is the same.
 - o No change in radio parameters will be caused.
 - o No change in PCB layout.

- Changed the flash memory IC (U2) from AT25DF081A to AT25SF081
 - o The new chip component is pin-for-pin compatible.
 - o The nominal oscillating frequency of the new chip is the same as the old chip.
 - o The basic function of the new and old chip is the same.
 - o No change in radio parameters will be caused.
 - o No change in PCB layout.

- Changed the capacitance of the tantalum capacitor (C26) used in the DC power supply circuit from 150uF to 22uF.

Similarities between the certified equipment and the modified equipment:

- RF IC, RF circuit, baseband circuit, PCB layout, antennas are all identical;
- Firmware is identical
- Functionality and intended usage is identical
- Mechanical and electrical construction is identical
- Outlook is identical
- Rating is identical

Sincerely,

(Signature)



(printed name) :Darrell Harris

(Date) 05/31/2017