



Date: 6/26/2013

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

To Whom It May Concern:

The Zigbee PIR model QC101000-01 uses a 2.4GHz folded dipole with a gain of -4.5dBi.

The device uses passive components L1 and L2 to match the balanced folded dipole antenna to the CC2430. The antenna layout is in accordance to TI's Application Note AN040. See the internal photo for the location of the antenna.

Intel-GE Care Innovations LLC attests that the device meets the antenna connector requirements of 47 CFR 15.203 by having a permanently attached antenna that is part of the printed circuit board.

Sincerely, *Will B. Moore*