



October 27, 2010

Federal Communication Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Re: Class Permissive II Change Application for FCC ID: RUJ-Q802MKN

To whom it may concern

Qcom 802.11 b/g/n PCI Mini Card Model: Q802MKN has Modular Approval when tested in Multiple Input and Multiple Outputs 2x2 MIMO configuration and connected to different type antennas.

When this device was integrated within X-4000 smart grid node, it is connected to the PIFA antennas with a following max gain:

- in frequency band: 2412 – 2462 MHz: 3.6 dBi

Therefore, according FCC Rules, Ambient Corporation submit Application for approval the different type antennas for FCC ID: **RUJ-Q802MKN** as Class II Permissive Change.

Application included:

- Radiated Emission Test Reports
- MPE calculation for Q802MKN card with antennas used in X-4000–xxx-xx smart grid node
- Qcom Technology Inc. Letter which authorize Ambient Corporation to submit Application to FCC

Best regards

A handwritten signature in black ink, appearing to read "Aron Viner".

Aron Viner
Director Compliance & Standardization
Ambient Corporation