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RE: FCC/IC application for Ambient Systems, FCC ID: XGR-SP3000, IC ID: 8398A-SP3000

To whom it may concern:

The enclosed documents constitute a formal Class II permissive change for a RFID tag using the 2.4GHz band pursuant to the following rules:

Subpart C of Part 15 of FCC Rules (CFR 47), Section 15.247  
RSS-Gen Issue 2, June 2007, "General Requirements and Information for the Certification of Radiocommunication Equipment"  
RSS-210, Issue 7, June 2007, "Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment"

Minor enclosure and digital device pcb changes were made to accommodate a humidity sensor. The RF section did not change. Based on these changes, only spurious emissions was performed.

Note, the Ambient SP3000 with humidity sensor will also be marketed under the models 20173 for US and 20173-C for Canada.

Elliott Laboratories, as duly authorized agent prepared this submittal. A copy of the letter of our appointment as agent is included with the application.

If there are any questions or if further information is needed, please contact Elliott Laboratories for assistance.

Sincerely,

Mark Hill  
Staff Engineer

MEH/dmg