



Excellence in Compliance Testing

5015 B. U. Bowman Dr.  
Buford, GA 30518

September 4, 2014

ACS TCB  
5015 B.U. Bowman Drive  
Buford, GA 30518

Re: FCC ID: YJ4CSAG200

To Whom It May Concern:

The following application is submitted on behalf of our client, Consert, Inc., for evaluation of their model CSAG200-1.0 for certification under FCC Part 15.247.

The CSAG200-1.0 Consert Stand Alone Gateway (SAG) is a device that acts as a multi-conduit data transmission controller for a load management system. It provides remote control and indication for the Consert Device Controller (DC) and radio thermostats via backhaul wireless network.

The SAG connects to the data center through its cellular modem and establishes a Home Area Network (HAN) to the local DCs and PCTs through its ZigBee communication channel.

This certification includes the 802.15.4 ZigBee radio only. The cellular modem is a pre-approved Novatel Wireless Inc. Model E396 (FCC ID: PKRNVWE396) module.

The integrated 2.4 GHz 802.15.4 ZigBee radio and the pre-approved Novatel Wireless Inc. model E396 (FCC ID: PKRNVWE396) cellular modem can transmit simultaneously therefore radiated inter-modulation testing was performed for all combinations of simultaneous transmission and found to be in compliance.

Information contained within this filing may indicate additional radios for model variants not covered under this application. This application for certification only addresses a configuration containing a single integrated 802.154 Zigbee radio with pre-approved Novatel Wireless Inc. model E396 (FCC ID: PKRNVWE396) cellular modem. All other radios have been depopulated as stated in the accompanying attestation letter from the applicant.

Sincerely,

Sam Wismer  
Vice President, Technology  
Advanced Compliance Solutions, Inc.