



*Testing Tomorrow's Technology*

September 12, 2016

**Subject: FCC 15.209, RSS-210, and RSS-Gen Class 2 PERMISSIVE CHANGE for Radio Systems Corp, Model Boundary Plus DL Transmitter (RIG00-11334), FCC ID: KE3-3001186 and IC: 2721A-3001186**

This Permissive Change letter has been generated on behalf of Radio Systems Corp, to document the following changes to their currently certified product model Boundary Plus Transmitter. The modified model will be referred to as the Boundary Plus DL Transmitter.

The originally tested radio product has been modified to optimize the performance. The following components were replaced for this modification:

- Change of surge protection components on the output terminals to provide more robust surge protection.
- Increased the transmitter's internal voltage to allow driving higher impedance perimeter loop wire.
- The PCB layout was been redesigned to improve grounding and reduce noise.
- Bypass capacitors were also changed.

The RF drive circuits are the same as they were originally. Based on these changes the radio product was retested to show that it continues to meet the applicable requirements of 15.207 and 15.209 and RSS-210 and RSS-Gen.

See the test report and additional submittal exhibits for details.

Best Regards,

A handwritten signature in cursive script, appearing to read 'Sandi McEnergy', written in a reddish-brown ink.

Sandi McEnergy  
Agent for Radio Systems Corp.

**3505 Francis Circle, Alpharetta, GA 30004**  
**PH: 770-740-0717 Fax: 770-740-1508**  
**[www.ustech-lab.com](http://www.ustech-lab.com)**