

## Technical Description

Submitted by Joel Thorsheim on behalf of Insitu  
The Boeing Company  
Frequency Management Services  
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206-544-6066 Office  
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### GROUND EQUIPMENT

Frequency Band: 1525.03125 – 1558.96875 MHz  
Emission: 31K2G7W  
Output ERP: 12.2 Watts ERP (Peak)

### AIRCRAFT EQUIPMENT

Frequency Band: 2412-2462 MHz and 5180-5825MHz.  
(If unable to get the entire band, the test could be accomplished using the following 3 channels; 2437 MHz, 2462 MHz, 5180 MHz (center frequency of channel))  
Emission: 20M0G7D  
Output ERP: 1.25 Watts ERP (Mean)

Frequency Band: 1525 – 1559.5 MHz  
Emission: 31K2G7W  
Output ERP: 0.008 Watts ERP (Mean)

### Stop Buzzer

Stop buzzer for this operation is Insitu the Operations Action Center at 866-637-4691.

### SCHEDULE

Start Date: December 16, 2013  
Stop Date: May 30, 2014

### FIXED GROUND LOCATION

Boardman Bombing Range  
Boardman, OR  
45-44-54N 119-47-38W  
Fixed ground operations within 1 kilometer radius

### MOBILE AIRBORNE LOCATION

Boardman Bombing Range  
Boardman, OR  
45-44-54N 119-47-38W  
Maximum Flight Level is 4000 feet  
Airborne mobile operations within a 20 kilometer radius

### FIXED GROUND LOCATION FOR OPERATIONAL CHECKS AND TESTING

Bingen, WA  
45-42-24N 121-27-30W  
Indoors Ground Only