Addendum to Northwest EMC Test Report # MDTR0183.7

Per 95.639(f)(1) the maximum permissible EIRP is 25 uW. Per 95.627(g)(3), compliance may be determined with a field strength measurement. The FCC conversion formula that equates the 25 uW EIRP limit to the 18.2 mV/m limit at 3 meters uses the Friis transmission equation modified with a 6 dB contribution due to ground plane reflection. Applying that equation: EIRP = ((V/m/2)*3)^2/30, the maximum reported field strength of the fundamental emission is 84.8 dBuV/m at 3 meters, which equals 0.0000227 W (EIRP).

The field strength of the fundamental measurements are found in NWEMC Test Report # MDTR0183.7, page 10/57.

Approved By:

Tim O'Shea, Operations Manager

5/8/13