

Submitted: October 25, 2012

by:

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Purpose:

The purpose of this document is to request coordination to conduct testing and analysis of the radiated field effects of PEDS on aircraft.

(Note: test to be conducted inside of aircraft on ground) Frequency Band	Emission Type	Emission	Pulse Width	Externally Radiated Power
76 – 152 MHz	Stepped CW	500KN0N	Sec μ 10	0dBm/1mW
314 – 350 MHz	Stepped CW	500KN0N	Sec μ 10	0dBm/1mW
947 – 1228 MHz	Stepped CW	500KN0N	Sec μ 10	0dBm/1mW
1515 – 1645 MHz	Stepped CW	500KN0N	Sec μ 10	0dBm/1mW
4185 – 4415 MHz	Stepped CW	500KN0N	Sec μ 10	0dBm/1mW

Table 1: Frequency Bands of Interest and Emissions

City	State	Latitude	Longitude
Everett, WA	WA	47-54-22N	122-16-53W
Renton, WA	WA	47-29-35N	122-12-56W
Marana, AZ	WA	32-30-39N	111-19-21W

Table 2: Locations of Operation

(Note: Test to be conducted on the ground, on airport facility)

Stop Buzzer POC: Ryan L. Carlson, 206-662-3902