

Experiment – Field Effects of Personal Electronic Devices (PEDS) on Aircraft

Submitted by Joe Thorsheim

The Boeing Company
Frequency Management Services MC: 2T-22
P.O. Box 3707
Seattle, WA 98124-2207
206-544-6066 Office

**Table 1:
Frequency Bands of Interest and Emissions**

City	State	Latitude	Longitude	Radius
Victorville	CA	NL 34-35-16	WL 117-22-31	5 Kilometers
San Antonio	TX	NL 29-22-35	WL 098-34-29	5 Kilometers
Charleston	SC	NL 32-52-48	WL 080-02-02	5 Kilometers

**Table 2: Locations of Operation
(note: test to be conducted on the ground, on airport facility)**

Operation Period:

This experimental license will be required for a 24 month period.

Frequency Band	Emission Type	Emission	Pulse Width	Externally Radiated Power
108 – 137 MHz	Stepped CW	500KN0N	10 µSec	0dBm/1mW
329 – 335 MHz	Stepped CW	500KN0N	10 µSec	0dBm/1mW
962 – 1215 MHz	Stepped CW	500KN0N 1M00N0N	10 µSec	0dBm/1mW
1530 – 1610 MHz	Stepped CW	1M00N0N	10 µSec	0dBm/1mW
4200 – 4400 MHz	Stepped CW	1M00N0N	10 µSec	0dBm/1mW
5030 – 5090 MHz	Stepped CW	1M00N0N	10 µSec	0dBm/1mW

Stop Buzzer POC:

The “Stop Buzzer” points of contact will be:

Dennis Lewis, Cell: 425-232-5931
Kenneth Kirchoff, Cell: 425-681-3802
Harold DeRemer, Cell: 425-443-4989