From: daniel.r.orear@faa.gov
To: Lindsay, Allen S
Cc: Thomas.CTR.Christein@faa.gov; victor.hinton@faa.gov; Lorena.Carvajal@faa.gov; timothy.j.pawlowitz@faa.gov; Thomas.Ahn@faa.gov
Subject: Re: Boeing FAA Coordination Request (Portable Electronic Devices (PED) on aircraft)
Date: Tuesday, November 06, 2012 2:22:28 PM

The FAA concurs with the experimental testing in the following bands IAW the locations and specifications described in the original testing request below.

Location - Everett, WA

Frequency Band	FAA coordination #
108-118 MHz	NG T120448
118-137 MHz	NG T120449
328-335 MHz	NG T120450
960-1215 MHz	NG T120451
1215-1228 MHz	NG T120452
4200-4400 MHz	NG T120453

Location - Renton, WA

Frequency Band	FAA coordination #
108-118 MHz	NG T120454
118-137 MHz	NG T120455
328-335 MHz	NG T120456
960-1215 MHz	NG T120457
1215-1228 MHz	NG T120458
4200-4400 MHz	NG T120459

Dan ORear
ATO Western Service Area
Northwest Mountain Region
Spectrum Engineering Services
425-227-2637

From: "Lindsay, Allen S" <allen.s.lindsay@boeing.com>
To: Daniel R ORear/ANM/FAA@FAA
Date: 11/02/2012 09:26 AM
Subject: Boeing FAA Coordination Request (Portable Electronic Devices (PED) on aircraft)

Dan,

The objective of this test is to perform an analysis of the radiated field effects of Portable Electronic Devices (PED) on aircraft. The test will be conducted inside the aircraft on the ground at the locations list below.

Please let me know if you need any additional information.

Thanks

AL

V/R

ALLEN S. LINDSAY, SR, *MBA*
(SFC, USA, Retired D9)
Government Spectrum Specialist
U.S. Spectrum Management and Electromagnetics
BOEING
(206)544-6053 (v) (206)662-0701(f)
Secure Fax: Call Ahead Number: (206)655-2758 Secure Fax; (206)655-2594
http://cfms.web.boeing.com/help/1.1.htm

OBJECTIVE & TEST DESCRPTION:

To perform an analysis of the radiated field effects of Portable Electronic Devices (PED) on aircraft.

TEST OVERVIEW:

Start Date:	November 2, 2012
Stop Date:	November 1, 2014
Manufacturer:	Agilent
Model:	Precision Network Analyzer-X (PNA-X)
Part Number:	N5242A
Frequency range:	
76 – 152 MHz	
314 – 350 MHz	
947 – 1228 MHz	
1515 – 1645 MHz	
4185 – 4415 MHz	
Emission:	500KN0N
Effective Radiated Output:	10mW (peak)
Station Class:	FX

STOP BUZZER POINTS OF CONTACT:

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

LOCATION:

Ground tests will be conducted at the locations below

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