

Koala, Bertin

From: Skoog, Arne W [arne.skoog@cbsradio.com]
Sent: Thursday, March 23, 2006 2:00 PM
To: Koala, Bertin
Subject: RE: Coordination for use in the following bands in Seattle

Bertin,

You have my Ok for the Broadcast STL portion of the band (940-952 MHz) the systems are point to point and should not be bothered by your tests.

What you might need to consider also, is 860-870 and interference to trunking mobiles receivers (Nextel Phones), they could be operating on and around the field, and your 16 mw could over power the signal from the repeater a distance away. Unless things have changed the mobiles listen high and transmit 45 MHz below. Since I am not familiar with the emission designator you specify, I'll assume your using some sort of spread spectrum type communication.

Arne Skoog

Seattle SBE < 1Ghz coordinator

-----Original Message-----

From: Koala, Bertin [mailto:Bertin.Koala@boeing.com]
Sent: Monday, March 20, 2006 8:47 AM
To: Skoog, Arne W
Subject: Coordination for use in the following bands in Seattle
Importance: High

Hi Ann, Boeing would like to use the bands 860 MHz to 960 MHz at the following locations for testing inside a sitting airplane. The power used is 16 mW ERP. The test will be used to look at propagation inside an airplane at those frequencies. (FYI we hold a license (WC9XIW) to operate from 902 to 928 MHz, and would like to expand the operating frequencies doing the same tests)

Site (1

Everett (Snohomish) NL 47-52-42 & WL 122-16-52;
Frequency
860-960 MHz Fixed OH00N0N designator 16 mW (ERP) Frequency
tolerance (0.001%)

Site (2)

Seattle (KING) NL 47-32-20 & WL 122-18-46;
Frequency
860-960 MHz Fixed OH00N0N designator 16 mW (ERP) Frequency
tolerance (0.001%)

Site (1

Everett (Snohomish) NL 47-54-43 & WL 122-16-20;
Frequency
860-960 MHz Fixed OH00N0N designator 16 mW (ERP) Frequency
tolerance (0.001%)

Tests will be done inside sitting airplanes at locations where the surroundings will attenuate most of the signal. Please let me know what you think.
Thanks for your help..

Bertin Koala
Frequency Licensing Specialist
Frequency Management Services
The Boeing Company
P.O.Box 3707 MC 2T-22
Seattle, WA 98124-2207
Tel : 206.544.5697
Fax : 206.544.6592