

From: Skoog, Arne W [arne.skoog@cbsradio.com]
Sent: Thursday, February 01, 2007 12:07 PM
To: Center, Ronald E
Subject: RE: Coordination note for DC to 100MHZ test by Boeing in Seattle

Ron,

You may continue testing, and complete your license renewal.

Arne

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

From: Center, Ronald E [mailto:Ronald.E.Center@boeing.com]
Sent: Thursday, February 01, 2007 10:38 AM
To: Skoog, Arne W
Subject: Coordination note for DC to 100MHZ test by Boeing in Seattle
Importance: High

Arne,

My name is Ron Center. I work for The Boeing Company as a frequency licensing specialist. We currently have an STA, Call Sign WC9XSA, to conduct aircraft lightning test required for airframe certification. This license was previously coordinated with the SBE, and we are now in the renewal process. We are asking for your concurrence with the proposed test plan.

We need to use frequencies ranging from DC to 100 MHz. We have two Seattle area test locations, both are inside metal aircraft Hangars with all doors closed. The 3-390 Hangar at Boeing Field, and the Hangars at our Everett, WA aircraft production facility. Specific location and emission data are listed below. These tests will be conducted periodically on different airframes, in support of our aircraft production and certification program.

Test type: Lightning Test

System: 747-400 and similar airframes

Location: 3-390 Building, Seattle, WA 47-32-17N 122-18-52W
Aircraft Hangars, Boeing Production Facility, Everett, WA 47-55-32N 122-16-25W

Frequency Band: DC to 100 MHz

EIRP: 50 Watts peak into non-intentionally radiating transmission line
(See attached diagram)

Boeing has conducted this test in the past with no reported problems or incidents. As the aircraft body is an unintentional radiator, and represents an extremely inefficient RF emitter, Boeing believes that this test will result in negligible emissions, and that the test will not cause any interference to other operations in the Seattle area.

Thanks,

Ron Center
The Boeing Company

FCC Licensing Specialist
Seattle, WA
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