

From: daniel.r.orear@faa.gov
Sent: Monday, May 03, 2010 3:10 PM
To: Center, Ronald E
Subject: Re: LICENSE RENEWAL COORDINATION REQUEST

Attachments: WE9XDN.pdf

FAA coordination number for this renewal is NG T100144. It is subject to the equipment parameters and procedures defined below and in the attachment.

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

From: "Center, Ronald E" <Ronald.E.Center@boeing.com>
To: Daniel R ORear/ANM/FAA@FAA
Date: 04/29/2010 03:49 PM
Subject: LICENSE RENEWAL COORDINATION REQUEST

Dan,

We would like to request a renewal of the low power EMC testing STA (WE9XDN) that we previously coordinated with you. Due to our testing schedules we have not had an opportunity to complete this test requirement. I do not anticipate any additional extension requirements, as the test is currently scheduled for Summer/Fall of this year.

This testing involves a very low power sweep through the desired band (30 - 18000 MHz), but as you can see by the license we are able to notch out frequencies. The basic test requirement is listed below, and I have included a copy of the current STA, which you will note notches many segments of the desired band.

Frequency range:	30 MHz - 18 GHz
Max. Externally Radiated Power:	1 Watt
Dwell time at each frequency:	10 usec
Avg. Power at each Frequency:	10 uW
Emission:	1K00N0N
Signal Type Discrete Frequency Stirring:	Stepped CW

Since the sweep through the band takes several minutes, there is only a single 10 usec pulse at any given frequency during a 3 minute period, making the possibility of interference highly unlikely.

Your assistance is appreciated.

Sincerely,
Ron Center
The Boeing Company
Frequency Management Services
Seattle, WA
(206) 544-6044