

Frank, Carl

From: Holtmeyer, Darryl J [darryl.j.holtmeyer@boeing.com]
Sent: Friday, January 11, 2008 8:49 AM
To: APate@siriusradio.com
Cc: Frank, Carl; Hoehn Don; Sickels, Robin; Asongwed, Anthony FCC; Carlson, Young FCC; Fagan, Tom; Fishel, Beth; Hankins, Danny; Hart, W. Clark; Kam, Jeffrey; Kennedy, John; Miller, Rex; Morris, Wayne; Akers, Richard DOD EAFC; McCann Christina S SrA 45 SCS/SCXF; Pruitt, Davis W TSgt 45 SCS/SCXF
Subject: AFTRCC 0000-08 (WCS/Sirius Research Testing - Various Sites in NJ and FL)
Importance: High
Attachments: fccreq.txt; AS FILED Experimental STA Application.pdf; AFTRCC analysis for Exp LicenseRev2.doc



fccreq.txt (1,012 B)



AS FILED
permental STA App



AFTRCC analysis
for Exp Licens...

AFTRCC concurs with the proposed experimental use of the bands 2310 to 2320 MHz, and 2345 to 2360 MHz bands use as stated in the attachments and message below and assigns ICN 0000-08 for the period January 4, 2008 through March 4, 2008.

All operations must be a non-interference basis to aeronautical telemetry operations being conducted simultaneously in the band 2360 to 2390 MHz.

Courtesy copies of this coordination are being provided to known aeronautical telemetry spectrum users, and to the DoD Eastern Area Frequency coordinator.

Darryl J. Holtmeyer
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-----Original Message-----

From: Pate, Alan [mailto:APate@siriusradio.com]
Sent: Wednesday, January 02, 2008 12:04 PM
To: Hankins, Danny
Cc: NHolland@wileyrein.com; Donnelly, Patrick; Frank, Carl; Smith, Terrence
Subject: Co-ordination request for experimental license application

Mr. Hankins,

Sirius Satellite Radio has applied for an experimental license (FCC File No. 0591-EX-ST-2007) to operate very low power transmitters in the 2.3 GHz WCS bands at 6 proposed locations. The FCC has requested that we coordinate use of the frequency bands 2310-2320 and 2345 to 2360 MHz and obtain a coordination letter from AFTRCC prior to further processing of our application. Note that this request does not involve the installation of any new SDARS repeater facilities so the parameters described in our existing coordination agreement do not apply. However, we have attached the following information for your consideration:

1. Copy of the experimental license request

2. FCC request for coordination

3. A line of site analysis for each of the locations listed in the experimental filing to the nearest AFTRCC location showing that only location 6 has line of site. Also contained in this analysis is a calculation of the anticipated received "in band" and out of band power levels from our test transmitter for location 6.

As you will see from the experimental request, the transmitters will use less than 20 watts EIRP at 6 meters or less height above the ground. These tests will be of limited duration (the application requests 60 days of testing authority) and would be performed to provide meaningful contributions to the FCC's recently released NPRM on the long standing issues that have existed in terms of adjacent band operations between the WCS band and the SDARS band. While our analysis indicates that these proposed tests will not affect AFTRCC operations, we would be amenable to notifying AFTRCC on a real-time basis prior to the commencement of transmissions.

If you require further information or have questions about this information please call me at 917 359 9579. Otherwise, we would appreciate an email response concurring with this proposed test.

In view of the impending NPRM, Sirius would appreciate your earliest consideration of this matter.

Thanks,

Alan Pate