

June 28, 2010

Darryl J. Holtmeyer, Chair  
AFTRCC  
c/o The Boeing Company  
P.O. Box M/C S306-2005  
St. Louis, MO 63166

**Re: Coordination of Panasonic Avionics Corporation Pending Experimental  
License, File No. 0225-EX-PL-2010**

Dear Mr. Holtmeyer:

This letter follows a previous letter to you dated March 25, 2010 regarding frequency coordination for certain bands allocated for flight tests for which AFTRCC is the non-governmental coordinator for assignment of frequencies. Panasonic Avionics Corporation ("Panasonic") is the holder of an experimental Special Temporary Authority ("STA") (Call Sign WE9XDS; File No. 0550-EX-ST-2009) authorizing it to conduct ground testing onboard aircraft in support of Panasonic's Global Communications Suite ("GCS"), featuring the eXConnect Ku-band aeronautical mobile-satellite service ("AMSS") enabling connectivity for transmit portable devices ("T-PEDs"), such as GSM phones and Wi-Fi enabled computers.

On May 7, 2010, Panasonic filed an application with the Federal Communications Commission for a two-year experimental license (File No. 0225-EX-PL-2010) seeking authorization to conduct the same tests as under the experimental STA. This application is currently pending. This letter is to advise AFTRCC that Panasonic will apply the same coordination procedures it has put in place for tests conducted under the experimental STA to the pending experimental license, when granted.

As described in the March 25, 2010 letter, Panasonic's experimental STA authorizes two types of experimental testing (i) examine the potential for interference to aircraft avionics and communications from passenger-carried T-PEDs; and (ii) examine the operations of a GSM picocell system to GSM communications for passengers and crew. Four test sites are authorized at the following airfields:

| <b>Facility</b>                                        | <b>Coordinates</b>            |
|--------------------------------------------------------|-------------------------------|
| Southern California Logistics Airport, Victorville, CA | 34° 35' 51" N, 117° 22' 59" W |
| Paine Field / Snohomish County Airport, Everett, WA    | 47° 54' 22" N, 122° 16' 53" W |
| Piedmont-Triad International Airport, Greensboro, NC   | 36° 5' 52" N, 79° 56' 14" W   |
| TSTC Waco Airport, Waco, TX                            | 31° 38' 16" N, 97° 4' 45" W   |

Testing is authorized in multiple frequency bands, including in the 1427.9-1452.9 MHz, 1453-1465 MHz, 1477-1501 MHz, and 2300-2400 MHz bands, which overlap with the 1435-1535 MHz and 2310-2390 MHz bands that are allocated for flight testing and for which AFTRCC is the non-government coordinator for assignment of frequencies. Panasonic's pending application for an experimental license does not seek to alter any of the technical elements of the experimental STA. (Be advised, however, that specific test plans may include only a subset of the authorized frequencies.)

As was the case for the experimental STA, Panasonic herein agrees that it will notify you, or another designated representative of AFTRCC, prior to conducting any testing pursuant to the pending experimental license, when granted, in the bands that are allocated for flight testing. For each such scheduled test, Panasonic will provide the AFTRCC representative with emergency contact information for Panasonic personnel that can be used to contact Panasonic in the event of complaints regarding harmful interference. Panasonic will also provide AFTRCC a brief description of each scheduled test, the general time period of the test, the relevant frequencies to be used in the test, and the level of emissions that are generally anticipated outside the test facilities. In addition, Panasonic will also make reasonable efforts to accommodate any concerns AFTRCC may have regarding the details of a planned test if it is suspected that the test may result in harmful interference to scheduled flight testing in the 1435-1535 MHz and 2310-2390 MHz bands.

If, during the period of a test, AFTRCC notifies Panasonic regarding a complaint of harmful interference, Panasonic will immediately cease the test transmissions in the relevant AFTRCC spectrum band and will refrain from reinitiating the test transmissions until the complaint is investigated and, if necessary, mitigated. The following Panasonic personnel remain the emergency contacts:

Lead Contact:

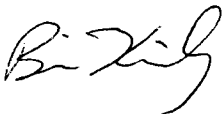
Brian Kirby  
425-415-9028 (office)  
425-273-3995 (cellular)  
brian.kirby@panasonic.aero

Secondary Contact:

Scott Toner  
425-415-9581  
425-891-6298 (cellular)  
scott.toner@panasonic.aero

Please let me know if you have any questions. A copy of this letter will be filed with the FCC's Office of Engineering and Technology for inclusion in the file for application for a two-year experimental license. (File No. 0225-EX-PL-2010)

Best regards,



Brian Kirby

cc: William Keane, Esq.  
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