

May 3, 2011

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 Experimental
STA, Call Sign WE9XVM**

Dear Mr. Holtmeyer:

This letter follows previous correspondence to you dated March 25, 2010 and June 2, 2010 regarding frequency coordination for certain bands allocated for flight tests for which AFTRCC is the non-governmental coordinator for assignment of frequencies. On April 18, 2011, Panasonic Avionics Corporation ("Panasonic") obtained an experimental Special Temporary Authority ("STA") (Call Sign WE9XDVM; File No. 0224-EX-ST-2011) 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. This letter is to advise AFTRCC that Panasonic will apply the same coordination procedures it has previously put in place for tests to be conducted in the bands allocated for flight testing.

As described in the March 25, 2010 letter, Panasonic's GCS experimental testing involves two types of 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. However, the instant experimental STA (Call Sign WE9XVM) authorizes only the T-PED interference testing at the Roswell Industrial Air Center, Roswell, New Mexico (Geographic Coordinates: 33-18-46 N; 104-30-38 W). Panasonic currently holds a two-year experimental license, Call Sign WF2XLF, which authorizes both types of testing at four airfields in the United States, but not including the Roswell, NM airfield.

The instant experimental STA authorizes testing in multiple frequency bands, including in the 1477-1501 MHz band, which overlaps with the 1435-1535 MHz bands that is allocated for flight testing and for which AFTRCC is the non-government coordinator for assignment of frequencies. Panasonic will not be testing across the entire 1477-1501 MHz band, but only at 1477 MHz. (The experimental STA does not authorize testing in a frequency band that overlaps with the 2310-2390 MHz band, which is also allocated for flight testing.)

As it has stated previously, Panasonic herein agrees that it will notify you, or another designated representative of AFTRCC provided to it, prior to conducting any testing pursuant to the experimental STA (Call Sign WE9XVM) in the 1477-1501 MHz band. Testing is tentatively scheduled to be conducted later this month, although the specific dates are subject to confirmation. 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 band.

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 are the emergency contacts:

Lead Contact:

David Kozlowski
949-462-1979 (office)
949-573-4621 (mobile)
david.kozlowski@panasonic.aero

Secondary Contact:

Brian Kirby
425-415-9028 (office)
425-273-3995 (mobile)
brian.kirby@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 the experimental STA (Call Sign WE9XVM)

Best regards,



Brian Kirby

cc: William Keane, Esq.
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