

February 5, 2009

**ELECTRONIC FILING**

James R. Burtle, Chief  
Experimental Licensing Branch  
Office of Engineering and Technology  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

**Re: Panasonic Avionics Corporation Change in Equipment and Emission Characteristics;  
Call Sign WD9XQT (ELS File No. 0544-EX-ST-2008)**

Dear Mr. Burtle:

Panasonic Avionics Corporation (“PAC”), through its attorneys, hereby notifies the Commission, pursuant to Section 5.77 of the Commission’s Rules, 47 C.F.R. § 5.77, that PAC will test two (2) Ku-band transmit/receive terminals not specifically listed in the above referenced authorization for testing and demonstration of up to five (5) Ku-band transmit/receive terminals associated with its planned eXConnect Ku-band aeronautical mobile-satellite service (“AMSS”) system.

PAC will test one (1) aircraft earth station (“AES”) manufactured by each of TECOM Industries, Inc. and Mitsubishi Electric Corporation. Because these operations are to be conducted over the same bandwidth and authorized power permitted in PAC’s experimental license under Call Sign WD9XQT, and otherwise conform to the specific conditions placed on the experimental license, the terminals will not exceed the maximum emissions envelope authorized in the existing license, consistent with Section 5.77 of the Commission’s Rules, 47 C.F.R. § 5.77. Each of the terminals are fully compliant with the Commission’s two-degree spacing requirements, and off-axis EIRP spectral density levels associated with routinely licensed VSATs that have been applied to mobile Ku-band terminals in similar contexts (e.g., earth stations onboard vessels (ESVs) and Ku-band AMSS terminals). PAC further advises that, including the terminal identified in its experimental application, it will be testing a total of three (3) of the up to five (5) authorized terminals, and that the two terminals identified herein will be used for ground testing only.

Please associate this notification with PAC's license under Call Sign WD9XQT.

Please feel free to contact the undersigned with any questions.

Sincerely,

PANASONIC AVIONICS CORPORATION

/s/ Carlos M. Nalda

Carlos M. Nalda

Joshua T. Guyan

Squire, Sanders & Dempsey L.L.P.

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Its Attorneys