

To: Raymond Fioravanti
E-Mail: Raymond.Fioravanti@gdc4s.com
From: Doug Young
Date: October 22, 2009

Subject: Request for Info - STA File #0511-EX-ST-2009

Message:

The frequency 4990 MHz has a 12 MHz bandwidth. This means that 6 MHz of the signal would spill into the 4990-5000 MHz radio astronomy band, which is not permitted. You must move the frequency at least 6 MHz lower to avoid transmitting in the prohibited radio astronomy band. If your two 4 GHz frequencies must be exactly 50 MHz apart, this means that you must lower the 4940 MHz request by at least 6 MHz also. Regardless, the 12 MHz bandwidth requested for 4940 MHz already spills into the government 4800-4940 MHz band and would need to be coordinated with NTIA. Advise on how you would like to proceed.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of October 22, 2009 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://fjallfoss.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 9535