

To: JASON VAN DER SCHYFF
E-Mail: jason@heliox.com
From: Doug Young
Date: August 26, 2013

Subject: Request for Info - File #0538-EX-PL-2013

Message:

You did not respond to items 7-9 in 8.3.28 of the NTIA Manual and your calculations in item 6 do not agree with your application. Your calculations say that the ERP is 31.6 pW, but it appears that you used isotropic antenna gains. If this is true, then your radiated power is expressed in EIRP. ERP is a factor of 1.64 lower than EIRP. This would make your radiated power 19.3 pW. Neither figure agrees with your application, which says that your ERP is 251 pw. 251 pW cannot be correct unless your radiator is over 200 feet from the nearest outside wall.

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 August 26, 2013 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://gulfoss2.fcc.gov/prod/oet/cf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 21318