

From: John Burger

To: Doug Young
Date: April 22, 2014

Subject: Request for Info - STA File #0289-EX-ST-2014

Message:

We have attached an Exhibit to this application showing a set of initial patterns we recently measured. These cover +/- 2 degrees in both azimuth and elevation in the receive band, and shows that the antenna does comply with 47CFR25.209 for that 4 degree section.

With a grant of this STA, we would be able to create full patterns in a manner as listed in 47CFR25.132(d). That is, we would be able to take measurements in the transmit band in the elevation plane as described in (d)(1), as well as measure the cross-pol isolation, with a cooperating earth station.

We will soon have measurements for the full azimuth and elevation planes that will be able to verify compliance with 47CFR25.209. For the time being, the attached pattern does show we meet the FCC's 2 degree spacing policy on interference.