

From: Bill Gordon

To: Doug Young

Date: July 08, 2015

Subject: Request for Info - File # 0747-EX-ST-2015

Message:

We operate a microwave network that provides backhaul for many of our 800 MHz ATG ground stations. The microwave network almost exclusively uses DragonWave Quantum microwave radios.

We do not have access to 14GHz microwave radios and DragonWave does not make radios in the 14GHz band. They do, however, make radios within the 15GHz band and the bottom end of that band (channel 1 – 14.417 GHz) gets us within the 14 – 14.5GHz band. We are requesting the 14.907 GHz channel so that we can conduct two-way transmissions between the requested ground sites (Pagosa Springs, CO – Creede, CO), instead of the need to conduct one-way transmissions between two sets of ground sites.

We chose to go with 15GHz radios because we can easily obtain and deploy them, and by using DragonWave radios, we minimize the learning curve as we have no additional challenges with configuring monitoring. Our analysis is simply to monitor RSL over 30-50 miles in 14GHz.