

From: Ray Kubacki

To: Doug Young

Date: February 24, 2021

Subject: Request for Info - File # 0929-EX-CN-2020

Message:

Hi Doug,

Actually 31.6 pW is our EIRP and 19.2 pW is our ERP ($31.6/1.64 = 19.2$ pW). I'm not sure how you calculated the EIRP being 39.3 pW, but we worked with the manufacturer to determine that with our amplifier set at -75dB for a total system gain to be approximately 55dB. At that system gain, they calculated the repeater would be retransmitting at -141 dBm at 100 feet as detailed in our ERP Power Spreadsheet submitted as an exhibit.

Should we revise the exhibit to list the 19.2 pW instead of 31.6 pW?