

From: Joseph Brassard

To: Leann Nguyen

Date: August 02, 2016

Subject: Request for Info - File # 0504-EX-PL-2016

Message:

GPS Repeater being used is this:

https://cdn.shopify.com/s/files/1/0986/4308/files/GPSRKXL1_Amplifier_GPS_Source.pdf?8407566876506742042

Tx power is based upon the strength of our GPS simulator, which is -125dBm, combined with the repeater assembly antenna, which is a gain of up to +40dBm.

Cable loss will be negligible as we are running a small test setup. I would estimate a worst case loss of 5dBm.

Free space loss will also be very low as the rebroadcasting will be done entirely within an RF shielded room (or box) and will be over a distance of only a meter or two at most. Perhaps another few dB.

I hope this answers your questions.