

From: Paul Koebbe

To: Hung Le

Date: February 18, 2020

Subject: ERP Spreadsheet

Message:

02/18/2020

Per Email from Hung Lee, The spreadsheet previously submitted did not reflect the -140 dBm required signal level. We have discussed this with the equipment manufacturer and will utilize a amplifier with reduced gain to comply the requirement. The standard amplifier has a +30 dBm gain which will be reduced to +25 dBm prior to shipment. Additionally, the cable loss was adjusted to reflect additional cable required for anticipated cable pathway routing.

A new document (Link_Budget_Calc_GPS 20200216) has been attached to the application and reflects the change in amplifier gain.