

From: Michael K Walton

To: Anthony Serafini

Date: January 26, 2015

Subject:

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Message:

I have received further information from the repeater supplier. The power level entered in the application was in correct. the correct value is given below.

Receive Antenna Gain (L1A Active Antenna) = -35dB

Repeater Amp Gain (GPSRKL1 Repeater) = -30dB

Antenna Cable loss using 120ft of LMR-240 Coaxial = -12.2dB

Repeated Signal Power at Range (100ft) = -140.29dBm

Signal power in Watts at 100ft =  $9.3 \times 10^{-18}$