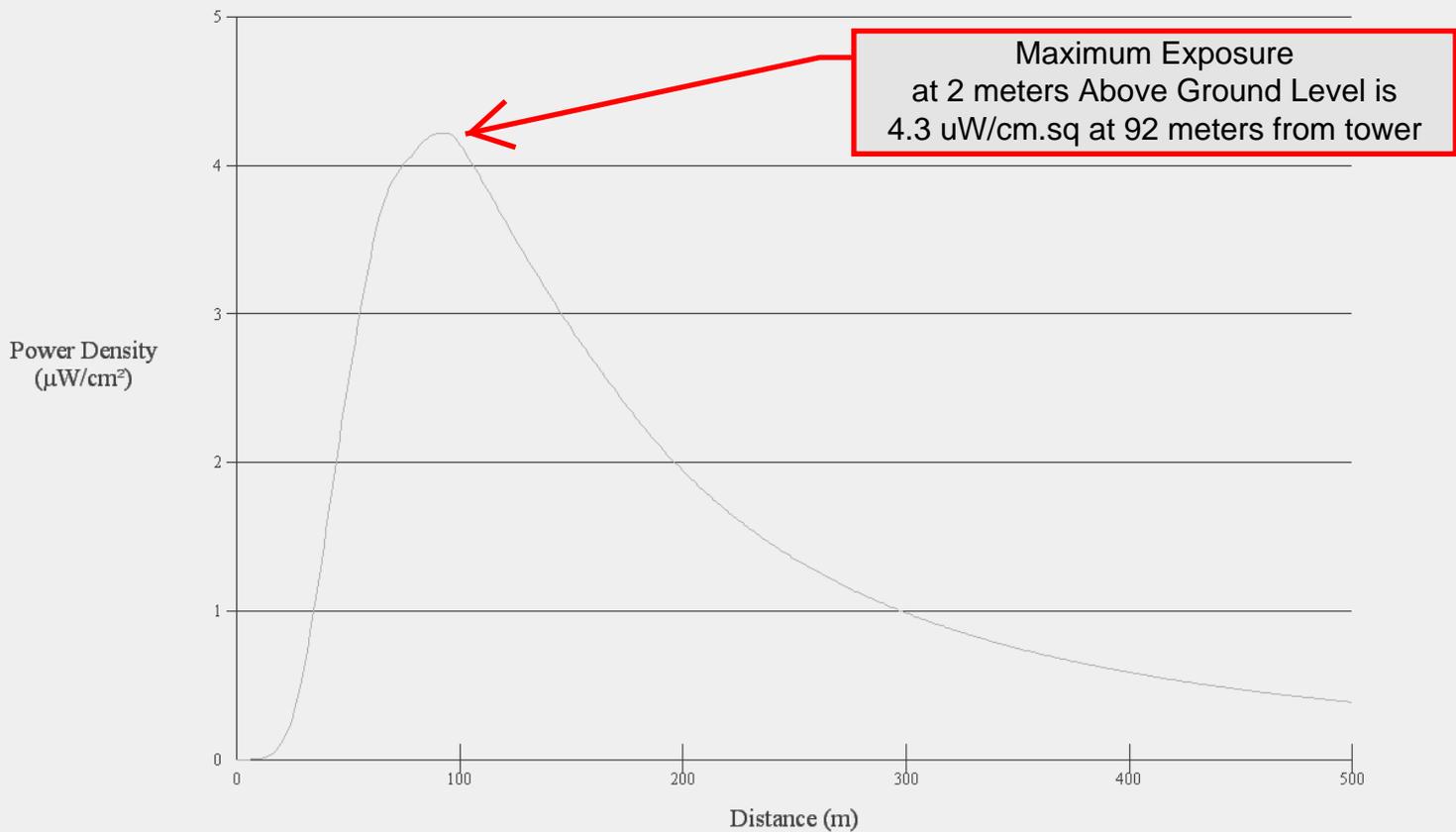


Power Density vs Distance



Office of Engineering and Technology

Distance (m): Antenna Type:

Horizontal ERP (W): Number of Elements:

Vertical ERP (W): Element Spacing:

Antenna Height (m):

Update Graph

KDES-284A proposes to co-locate on the same tower as KRBQ-241A.
 The KDES antenna will be 4.8 m below that of KRBQ.
 Both stations will use a half-wave spaced ERI antenna.
 Maximum contribution from KDES is 4.3 uW and from KRBQ is 3.4 uW.
 Thus, maximum combined contribution is 7.7 uW which is well 200 uW limit.
 No other significant radiators exist. Tower is fenced & posted with signs.

FIGURE 5 - RF EXPOSURE PLOT
Proposed Site



KDES-APP Downgrade / New City
 Ch. 284B to 284A
 Palm Springs to Redlands, CA
 November 2007