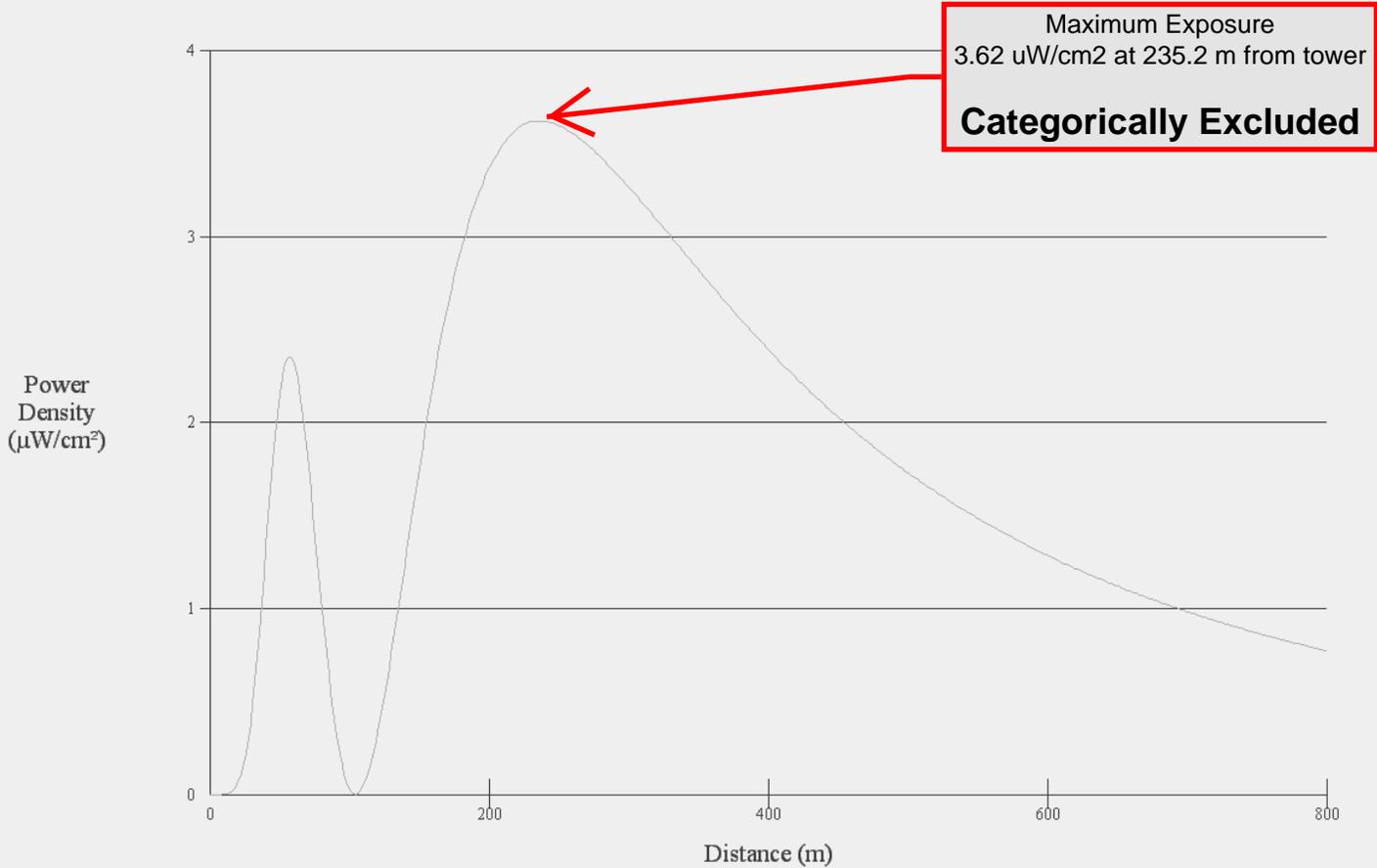


Power Density vs Distance



Office of Engineering and Technology

Distance (m):	800	Antenna Type:	Shively 6800 series
Horizontal ERP (W):	8100	Number of Elements:	4
Vertical ERP (W):	8100	Element Spacing:	.5
Antenna Height (m):	62		

Update Graph

KMCQ proposes to install a Shively 6810-4-SP 4 Bay half-wave spaced antenna.

Site is located in a remote area with restricted access.
Antenna center of radiation is actually 64 m AGL.

Categorically excluded when below 5% of controlled limit or 50 uW/cm2.

FIGURE 3 - RF EXPOSURE ANALYSIS

Proposed Operation on 283C2



KMCQ - Covington, WA
One-Step Upgrade from 283C3 to 283C2
June 2007