

Specific Antenna RF Power Density Calculator

Based on Equation 10 of OET-65
Exhibit 17-A / Detailed Report

ERP	0.25 kW	% of OET-65
Height above ground	264.0 meters	0.0% Uncontrolled
Height above head	262.0 meters	0.0% Controlled
Antenna Brand SWR		
Antenna Model FMEC/2-TA		

Horizontal distance from tower (meters)	Angle (°)	Distance (m)	Field	Power (W)	Power Density (uW/cm2)
0	90	262.0	0.038	9.5	0.000
10	88	262.2	0.091	22.75	0.001
20	86	262.8	0.091	22.75	0.001
30	83	263.7	0.091	22.75	0.001
40	81	265.0	0.091	22.75	0.001
50	79	266.7	0.11	27.5	0.001
60	77	268.8	0.11	27.5	0.001
70	75	271.2	0.11	27.5	0.001
80	73	273.9	0.11	27.5	0.001
90	71	277.0	0.11	27.5	0.001
100	69	280.4	0.071	17.75	0.001

