

	Duty Cycle	Power Density Limit (mW/cm ²)	Power (mW)	Gain (numeric from 24.57 dBil max gain from report)	Distance (m)
HP100					
Controlled Limit	0.05	5	100000	286.417797	1.5
Uncontrolled limit	0.05	1	100000	286.417797	3.4

	Duty Cycle	Power Density Limit (mW/cm ²)	Power (mW)	Gain (numeric from 24.57 dBil max gain from report)	Distance (m)
HP150					
Controlled Limit	0.05	5	225000	286.417797	2.3
Uncontrolled limit	0.05	1	225000	286.417797	5.1

	Duty Cycle	Power Density Limit (mW/cm ²)	Power (mW)	Gain (numeric from 24.57 dBil max gain from report)	Distance (m)
HP250 w/8ft Ant					
Controlled Limit	0.05	5	225000	1413	5.0
Uncontrolled limit	0.05	1	225000	1413	11.2

	Duty Cycle	Power Density Limit (mW/cm ²)	Power (mW)	Gain	Distance (m)
F25 with w/4 ft Antenna					
Controlled Limit	0.001	5	25000000	562	4.7
Uncontrolled limit	0.001	1	25000000	562	10.6

Distance (CM)	Distance (ft)	Min Height for safe operating with 20 degree beam width (ft)
151.0	4.953134477	
337.6	11.07554539	4.031168851

Distance (CM)	Distance (ft)	Min Height for safe operating with 20 degree beam width (ft)
226.5	7.429701716	
506.4	16.61331809	6.046753277

Distance (CM)	Distance (ft)	Min Height for safe operating with 20 degree beam width (ft)
503.0	16.50222329	
1124.7	36.90009305	13.43053551

Distance (CM)	Distance (ft)	Min Height for safe operating with 20 degree beam width (ft)
472.9	15.51433908	
1057.4	34.69111681	12.62653391