

MICROWAVE RADIATION LEVELS

The maximum distances from the antenna at which radio frequency radiation levels of 100 W/m², 50 W/m² and 10 W/m² can be expected are included in the following table and diagram.

The table and diagram shows simulated results for the 6" and 8" X-Band Up System (25 kW) and for the 12" S-Band Up System (30 kW) for a none rotating transmitting antenna (worst case scenario).

Table 1-2 Maximum distance from the antenna.

Radar System	Radiation Density 100 W/m ²	Radiation Density 50 W/m ²	Radiation Density 10 W/m ²
6" X-Band; Range	0,5 m	1,3 m	6,0 m
8" X-Band; Range	0,7 m	1,0 m	4,7 m
12" S-Band; Range	0,3 m	0,7 m	3,5 m

