

**Exhibit 1**  
**Radiation Hazard Summary Table**  
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<u>Region</u>	<u>Calculated Radiation Level with Max. Power (mW/cm<sup>2</sup>)</u>	<u>Hazard Assessment</u>
Far Field, $R_f = 7.38$ m	0.73	Complies with Guidelines
Near Field, $R_n = 3.07$ m	4.53	Potential Hazard (accessible to operating personnel, complies with guidelines for operating personnel; will be entered only with power off)
Transition Region, $R_t$ $R_n < R_t < R_f$	< 4.53	Potential Hazard (accessible to operating personnel, complies with guidelines for operating personnel; will be entered only with power off)
Between Feed and Reflector	<318	Potential Hazard (accessible to operating personnel, will be entered only with power off)
Reflector Surface	1.41	Potential Hazard (accessible to operating personnel, complies with guidelines for operating personnel; will be entered only with power off)
Level Around Antenna	<4.53	Potential Hazard (accessible to operating personnel, complies with guidelines for operating personnel; will be entered only with power off)

**CONCLUSION:** Based on the above analysis it is concluded that harmful levels of radiation will not exist in regions normally occupied by the public or the earth station's operating personnel. The earth station is marked with the standard radiation hazard warnings warning personnel to avoid the area in front of the reflector when the transmitters are operational. To ensure compliance with the safety limits, the earth station transmitters will be turned off whenever maintenance and repair personnel are required to work in an area where the radiation level exceeds the level recommended by applicable guidelines. Additionally, access to the earth station is controlled by the operator.