

Radiofrequency Electromagnetic Exposure Analysis

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density $\mu\text{W}/\text{cm}^2$ at 2 meters AGL			
						Maximum power density	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$)	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$)	Distance to maximum PD (m)
PROPOSED	10	ERI LPX-2 E	2	0.135	0.135	20.2	2.0%	10.1%	5.3
						20.2	2.0%	10.1%	5.3

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Determined using FCC FM Model 2.10