W249CC Radiofrequency Electromagnetic Exposure Analysis

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density μW/cm^2 at 2 meters AGL: within 10 meters distance	% controlled environment limit (1000 μW/cm^2)	Max. PD	% uncontrolled environment limit (200 μW/cm^2)	Distance to maximum PD (m)
(W249CC PROPOSED)	180	SHI 6812B-3	3	0.250	0.250	0.004	0.0004%	0.05	0.03%	94
						0.004	**0.0004%**	0.05	**0.03%**	94

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).

Calculations made using FCC FMModel