

**Table 2.**

**Radiofrequency Electromagnetic Exposure Analysis for W272BM**

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				
						within 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$ )	Max. PD beyond 10m	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$ )	Distance to maximum PD (m)
<b>W272BM</b>	<b>14</b>	<b>SHIV6812B</b>	<b>1</b>	<b>0.001</b>	<b>0.001</b>	<b>0.280</b>	<b>0.0280%</b>	<b>0.2200</b>	<b>0.11%</b>	<b>3.2</b>
						0.280	0.0280%	0.2200	0.11%	3.2

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).

In the absence of specific antenna information, the EPA dipole, single element model is assumed (worst case)

Calculations made using FCC FM Model v2.10 Beta