K39LT, OET 65 power density analysis: 11/16/2017

Location: Mt. Coolidge Lookout Rd. Existing Authorized Tower #1052695

Station	Channel & Class	ERP (kw)	Antenna Model	Brand	Antenna height A.G. (m)	EPA Type	Power Density (mW/cm^2)	% uncontrolled Exposure
K39LT	36	4.346	AL4**	ERI	89.9	-	0.752	0.1863
KWRC	215 C3	0.4	FML-2A	MIC	70	1	3.46	1.73
K203BN	203 D	0.047	CLFMH*	SCA	94.5	-	Neg	0
								1.916

* Manufacturer's vertical field at nadir is 0.02 used – data from Scala vertical field table

** Standard 0.2 field used for high gain antennas that are used.