

Technical Statement
Application for Construction Permit
W201DO Milford, PA
August, 2014

This technical statement is prepared by Charles Williamson, permittee of W201DO at Milford, PA. This application serves three purposes: (1) Specify a different transmitter site, (2) specify a different power level and (3) specify a different non commercial primary station, WLJP.

The Translator Station antenna will be located on an existing tower structure. The elevation is compliant with 74.1235 pertaining to Power Limitations. Specifically, the Effective Radiated Power (ERP) on each of the twelve radials used in determining Height Above Average Terrain (HAAT) does not exceed the Maximum ERP permitted on each of the radials based on its individual HAAT. The following table details this conclusion.

Bearing	Radial HAAT	Permitted ERP	Actual ERP
0	-68	250	53.15
30	-14	250	53.15
60	62	55	53.69
90	2	250	54.23
120	-31	250	44.55
150	-31	250	26.87
180	53	80	18.50
210	99	19	16.88
240	-73	250	20.47
270	-115	250	32.10
300	-121	250	51.01
330	-86	250	55.00
degrees	Meters	watts	watts