

**Technical Statement**  
**Application for Construction Permit**  
**W290CK Milford, PA**  
**February, 2014**

This technical statement is prepared by Charles Williamson, permittee of W290CK at Milford, PA. This application serves two purposes: (1) Specify a different transmitter site, and (2) specify a different power level.

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.

<b>Bearing</b>	<b>Radial HAAT</b>	<b>Permitted ERP</b>	<b>Actual ERP</b>
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
<b>degrees</b>	<b>meters</b>	<b>watts</b>	<b>watts</b>