

## RF EMISSIONS STUDY

An RF Emissions Study has been performed to review the maximum power density that would exist at ground level. This is the Uncontrolled/General Population. The maximum exposure guideline was established in OET Bulletin No. 65, Edition 97-01, released August 1997.

The results of this RF Emissions Study are as follows:

There are 2 FM translators proposed to operate at this site. The contribution of each of these facilities has been calculated. Enclosed as W250BI Attachment 17 Subparts are the results of the RF Emissions study for each of these 2 facilities. Included here is a summary indicating the total results of the studies of each of these facilities.

Facility 1 – W229AQ, Mansfield, PA – Antenna – Armstrong FMA-707-1 (worst case antenna used) F=1  
Contribution – 23.38%

Facility 2 – W250BI, 97.9, Mansfield, PA – Antenna – Scala FMVMP-1 F=0.31  
Contribution – 11.14%

The total contribution of these two facilities is: 34.52% of the allowable FCC General Population/Uncontrolled Exposure Limit at ground level. This site will be in compliance with the RF Emission guidelines.