



Relocation of W237CX to old 1530 kHz WBCW-AM site

40-19-16.5 / 79-35-26.5 (83) / 40-19-16.3 / 79-35-27.4 (27)

Ground: 1,321' AMSL (402.6 M)

Tip: 160' AGL (48.8 M)

CR: 150' AGL (45.7 M) / 1,471' (448.2 m) AMSL

The proposed translator site is located **within the protected 54 dBu Contour** of

1. WPGB-284B at Pittsburgh, PA - 2nd Adjacent from a site 38.2 km Away
WPGB produces a signal level of 66.1 dBu at Translator site.

The appropriate **"worst case" interference contour is 106.1 dBu** (66.1 + 40 dB).

This Free Space Contour theoretically extends for a distance of **1,140'** from the antenna.

See Appendix A for analysis of Compliance.

APPENDIX A: FIGURE A2 - GOOGLE EARTH PHOTO - Ch. 286 (105.1 MHz)
from old WBCW-AM-1530 Tower - ASR: None - for WKFB-AM-770 Class D



AM-FM TRANSLATOR 250 MILE WINDOW
WKFB AM-770 - Jeannette, PA & W237CX - Bridgeport, WV
Ch. 286 - Greensburg, PA - February 2016