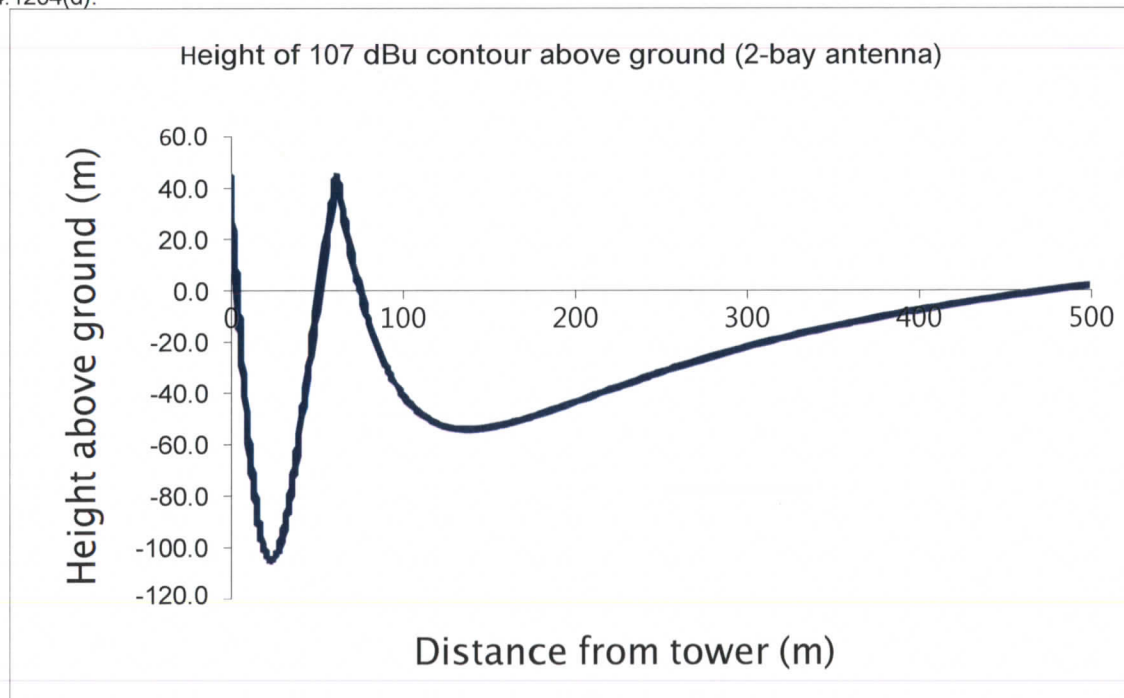
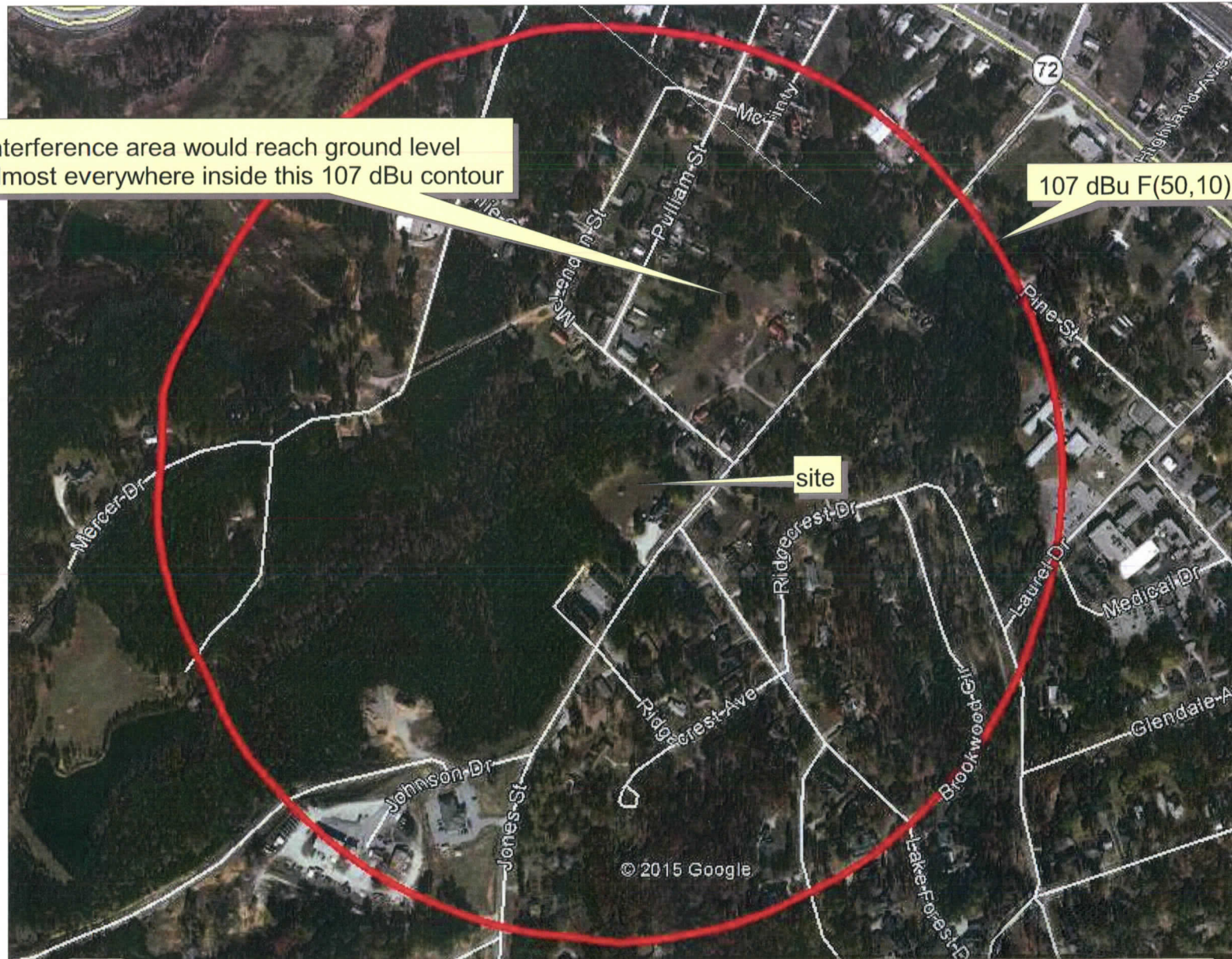


Special Note on Channel 285/289 Studies

With respect to 2nd adjacent new Tignall Channel 287A (CP) will have a field strength of 67 dBu F(50,50) at the proposed site. Therefore the proposed translator's interfering contour is the 107 dBu F(50,10) contour. Using a SHIVELY 6812B 2-bay antenna at 45 meters AGL which is 255 meters AMSL, the proposed translator's 107 dBu F(50,10) makes contact in almost all areas within 500 meters of the site, including numerous occupied structures. A proposal for Channels 285 and 289 will not be compliant with the allowance of Rule 74.1204(d).





Interference area would reach ground level almost everywhere inside this 107 dBu contour

107 dBu F(50,10)

site

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W287CM
2nd and 3rd adjacent
channel studies
107 dBu F(50:10) with respect
to new Tignall 287A facility

New Tignall, GA Class 287A Field Strength:
67 dBu F(50:50)
U/D ratio: greater than 40 dBu (red circle)

