

Exhibit 1

Tabernacle Baptist Bible College

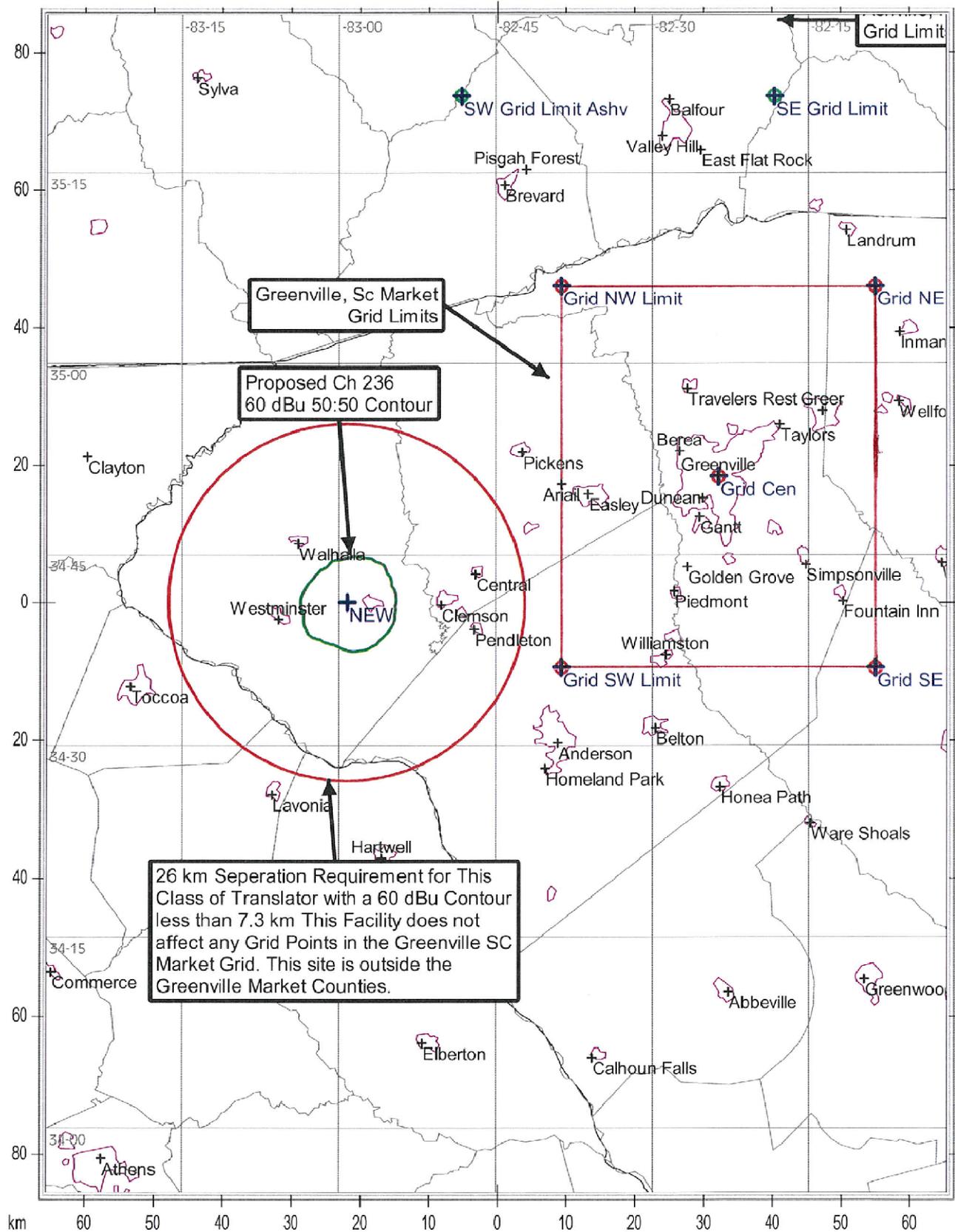
Greenville, SC 29611

Low Power FM Preclusion Showing for Channel 236 Outside the Greenville, SC Market

Tabernacle Baptist Bible College is making a minor change to his Auction 83 tech box proposal for file # BNPFT20030317GOZ Fac ID 156073 for Greenville, SC. The next nearest other market grid point is the south west corner of the Ashville, NC Market, which is over 39 km away. The proposed site is outside the Greenville SC market protected grid points and outside the Market Counties.

Below is the Preclusion Showing for the proposed site on Channel 236. The proposed facility will have an ERP of 0.01 kwatts at 143 meters HAAT. This will produce a 60 dBu contour extending 6.93 km from the transmitter site. For translators with a 60 dBu contour extending out 7.3 km or less, the required protection separation for a co-channel LPFM is 26 km.

LPFM Protected Grid separation from Greenville, SC Market





Audio Division

(202)-418-2700

FM and TV Propagations Curves Calculations

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Results -- FM and TV Propagation Curves Calculations

Results of Calculation

Distance to Contour = 6.928 km

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For input data from Pages 1 and 2:

ERP entered = 0.010 kW

HAAT entered = 143.00 meters

Field Strength entered = 60.000 dBu

Find the Distance to the Contour, Given a Field Strength

F(50,50) curves for service contours

FM and NTSC analog TV Channels 2 through 6

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Comments on this program may be referred to [Dale Bickel](#)

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Antenna Height Above Average Terrain (HAAT) / Contour Calculations

FCC > MB > Audio Division > HAAT/Contour Calculations

FCC site map

Antenna Height Above Average Terrain Calculations -- Input

Latitude 34 41 15.0 North
Longitude 82 59 13.0 West (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = 394.0 meters

Number of Evenly Spaced Radials = 12 0° is referenced to True North

Results:

Calculated HAAT= 143. meters

(Antenna Height Above Average Terrain)
using the 30 second FCC/NGDC terrain data)

Antenna Radiation Center Heights Above Individual Radials:

Table with 2 columns: Angle (0.0° to 330.0°) and Height (123.1 meters to 101.3 meters)

New Antenna Height Above Average Terrain (HAAT) calculation?