

# Exhibit 13

## Tabernacle Baptist Bible College

3931 White Horse Rd  
Greenville SC 29611

### Channel Spacing Report for Channel 236 Seneca, SC

ComStudy 2.2 search of channel 236 (95.1 MHz Class D) at 34-41-15.0 N, 82-59-13.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WGTK-FM	GREENVILLE	SC	233	C	59.72	0.00	61.6	-10.22 dB**
NEW	SENECA	SC	235	D	0.00	0.00	90.0	-6.00 dB*
WSBB-FM	DORAVILLE	GA	238	C1	101.55	0.00	232.3	11.84 dB
W239AN	HIGHLANDS	NC	239	D	44.36	0.00	331.8	11.49 dB
W237AR	HAZELWOOD, ETC.	NC	237	D	86.61	0.00	352.8	11.28 dB
WYPJ	DUE WEST	SC	237	A	61.59	0.00	117.8	16.13 dB
WWOK-LP	GREENVILLE	SC	237	LP100	59.56	13.00	61.6	17.92 dB
NEW	BLACK MOUNTAIN	NC	236	D	81.12	0.00	31.5	18.98 dB
WJRB	YOUNG HARRIS	GA	236	A	89.77	0.00	288.6	20.25 dB
NEW	DILLSBORO	NC	237	A	63.19	0.00	344.3	21.50 dB
WGTK-FM	GREENVILLE	SC	233	C	59.72	0.00	61.6	23.47 dB
WNKS	CHARLOTTE	NC	236	C	183.16	0.00	65.3	24.46 dB
W235BM	MAULDIN	SC	235	D	59.94	0.00	62.5	24.81 dB
WSBB-FM	DORAVILLE	GA	238	C1	111.44	0.00	221.2	25.67 dB
WUBL	ATLANTA	GA	235	C1	158.38	0.00	232.2	26.26 dB
WUBL	ATLANTA	GA	235	C1	158.29	0.00	232.2	26.50 dB
WJRB*	YOUNG HARRIS	GA	236	A	83.40	0.00	289.4	26.03 dB
NEW	BREVARD	NC	235	D	63.48	0.00	25.4	29.44 dB
WAEZ	GREENEVILLE	TN	235	C0	156.39	0.00	9.8	29.06 dB

\*Short Form app for this Facility.

\*\* See attached Waiver Request showing Protection of WGTK-FM

## **WAIVER REQUEST, SECTION 74.1204**

The proposed FM translator is located within the protected 60dbu contour of station, WGTK-FM Licensed site on Third adjacent channel 233, Greenville, SC. The predicted F (50-50) field strength of WGTK- FM at the proposed translator site is 69 dbu or greater. Therefore, the respective interfering contour generated by the proposed FM Translator site is 109 dbu and extends less than 80 meters from the transmit antenna.

Tabernacle Baptist Bible College plans to use a 1 bay Dielectric DCR-L1 mounted 105 meters above ground level. The interfering contour extends less than 80 meters from the antenna and occurs at least 25 meters above ground

The area surrounding the proposed translator site is retail and office space. The tallest buildings near the tower are less than 9 meters tall. This provides a 16 meter buffer space between any likely receiver location and the predicted interference contour. See the attached aerial photo and Topo map included to show the nature of the buildings in the area. The interfering contour does not reach the ground or any likely receiver location.

Therefore, Tabernacle Baptist Bible College respectfully requests a waiver of C.F.R 74.1204 based on no population within the area of predicted interference.

Should any actual interference occur, then Tabernacle Baptist Bible College will promptly suspend operation of this translator in accordance with 47 C.F.R. 74.1203.





## Audio Division

(202)-418-2700

## FM and TV Propagations Curves Calculations

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[FCC site map](#)

### Results -- FM and TV Propagation Curves Calculations

Free Space equation used, not curves

#### Results of Calculation

**Distance to Contour = 0.079 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 = 109.000 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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Commission

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