

**RADIO MARKET ANALYSIS**  
**F.T.G. BROADCASTING, INC.**  
**NEW FM STATION**  
**SCIENCE HILL, KENTUCKY**  
**April 2007**

**TECHNICAL STATEMENT**

1. This technical statement and attached exhibits were prepared on behalf of F.T.G. Broadcasting, Inc. ("FTG") an applicant for a New FM ("New FM") station at Science Hill, Kentucky.<sup>1</sup> The proposed New FM station at Science Hill will not be licensed to a metro county, nor designated "home" in any rated market. Further, the proposed New FM station will not have city grade contour overlap with any other attributable FTG station. The closest other FTG stations are located in Columbia, Kentucky and London, Kentucky. As indicated on Exhibit #1 there is no city grade contour overlap with any other facility. As such, the FTG application for the New FM station at Science Hill, Kentucky is in compliance with the ownership rules.

2. The foregoing technical statement was prepared on behalf of F.T.G. Broadcasting, Inc., by Graham Brock, Inc., its Technical Consultants. All information contained herein is true and accurate to the best of our belief and knowledge. All data relating to AM and FM facilities in the relevant BIA/Arbitron market was determined using the BIA Financial Network, Inc. Media Access Pro, Version 4.2. BIA database. We assume no liability for errors or omissions in the database which may be adverse to the information contained herein.

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1) FTG or its principals have attributable interests in the following stations: WHOP and WHOP-FM, Hopkinsville, Kentucky; WSIP and WSIP-FM, Paintsville, Kentucky; WTCW and WXXQ-FM, Whitesburg, Kentucky; WFTG and WWEL, London, Kentucky; WCVL, WIMC and WCDQ, Crawfordville, Indiana; WAIN and WAIN-FM, Columbia, Kentucky; WVLN and WSEL, Olney, Illinois; WIKK, Newton, Illinois and a permit for WANV, Annville, Kentucky.



# Graham Brock, Inc. - Broadcast Technical Consultants

**New FM**  
 Latitude: 37-07-24 N  
 Longitude: 084-33-06 W  
 ERP: 3.10 kW  
 Channel: 291A  
 Frequency: 106.1 MHz  
 AMSL Height: 446.3 m

**WAIN-FM**  
 BLH-20060321AAF  
 Latitude: 37-06-26 N  
 Longitude: 085-16-42 W  
 ERP: 4.60 kW  
 Channel: 228A  
 Frequency: 93.5 MHz  
 AMSL Height: 309.7 m

**WAIN**  
 Latitude: 37-06-26 N  
 Longitude: 085-16-42 W  
 ERP: 1.00 kW  
 Frequency: 1270.0 KHz

**WWEL**  
 BLH-20021113AAC  
 Latitude: 37-08-30 N  
 Longitude: 084-04-45 W  
 ERP: 2.55 kW  
 Channel: 280A  
 Frequency: 103.9 MHz  
 AMSL Height: 468.0 m

**WANV.C**  
 BNPH-20050103AAJ  
 Latitude: 37-13-24 N  
 Longitude: 084-02-01 W  
 ERP: 1.85 kW  
 Channel: 244A  
 Frequency: 96.7 MHz  
 AMSL Height: 506.0 m

**WFTG**  
 Latitude: 37-08-30 N  
 Longitude: 084-04-45 W  
 ERP: 0.69 kW  
 Frequency: 1400.0 KHz

WAIN 5.0 mV/m

NEW FM 3.16 mV/m

WANV CP 3.16 mV/m

WWEL 3.16 mV/m

WFTG 5.0 mV/m

WAIN-FM 3.16 mV/m

**EXHIBIT #1**  
**RADIO MARKET REVIEW**  
**F.T.G. BROADCASTING, INC.**  
**NEW FM STATION**  
**SCIENCE HILL, KENTUCKY**  
**April 2007**

Scale 1:950,000



**AFFIDAVIT AND QUALIFICATIONS OF CONSULTANT**

*State of Georgia    )*  
*St. Simons Island    ) ss:*  
*County of Glynn    )*

**JEFFERSON G. BROCK**, being duly sworn, deposes and says that he is an officer of Graham Brock, Inc. Graham Brock has been engaged by F. T. G. Broadcasting, Inc., to prepare the attached Technical Exhibit.

His qualifications are a matter of record before the Federal Communications Commission. He has been active in Broadcast Engineering since 1979.

The attached report was either prepared by him or under his direction and all material and exhibits attached hereto are believed to be true and correct.

*This the 24th day of April 2007.*

Jefferson G. Brock  
*Affiant*

*Sworn to and subscribed before me  
this the 24th day of April 2007*

*Cathy McKay*  
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Notary Public, State of Georgia  
My Commission Expires: March 18, 2011