

NEW FM APPLICATION
F.T.G. BROADCASTING, INC.
NEW FM RADIO STATION
CH 291A - 106.1 MHZ - 3.1 KW
SCIENCE HILL, KENTUCKY
April 2007

EXHIBIT A

The proposed new FM antenna location will be shortspaced to two other FM stations: WANY-FM, Channel 292A, Albany, Kentucky and the site of the proposed New FM station on Channel 291A at Oliver Springs, Tennessee ("Oliver Springs").¹ The relevant distance between the stations is shown on Exhibit A1. FTG proposes to use the provisions of §73.215 of the Commission's rules to address this shortspaced situation. The shortage complies with §73.215(e) of the Commission's rules.

Exhibit A2 specifically demonstrates that there will be no prohibited overlap between the proposed new FM and either WANY-FM or Oliver Springs. The contours of both WANY-FM and Oliver Springs are based on 6.0 kilowatts at 100.0 meters HAAT.² Attached as Exhibits A3 through A6 are the tabulated distances to the protected and interfering contours, along the pertinent arcs, of the proposed new FM and both WANY-FM and Oliver Springs. Further, attached as Exhibit A7 are the tabulated and protected contours of the proposed facility, in ten degree increments. Again, there is no prohibited overlap between the facilities.

-
- 1) The undersigned also prepared the application for Momentum Broadcasting LLC, the auction winner for Channel 291A at Oliver Springs, Tennessee. As such, the proposed site for implementation of Channel 291A at Oliver Springs was used. Momentum Broadcasting LLC is not proposing a contour protected facility at Oliver Springs.
 - 2) WANY-FM operates with less than maximum Class A facilities, therefore, the center of radiation was raised to bring the HAAT to 100.0 meters and the power increased to 6.0 kilowatts for the §73.215 review. The Oliver Springs facility proposes an equivalent Class A facility; therefore, its center of radiation was lowered to 100.0 meters HAAT and the power increased to 6.0 kilowatts for the §73.215 review.

NEW FM APPLICATION
F.T.G. BROADCASTING, INC.
NEW FM RADIO STATION
CH 291A - 106.1 MHZ - 3.1 KW
SCIENCE HILL, KENTUCKY
April 2007

EXHIBIT A1

Clearance Study for New FM Station Science Hill, Kentucky
Using Proposed Site as Reference

REFERENCE	CLASS = A	DISPLAY DATES
37 07 24.0 N.	Current	DATA 04-24-07
84 33 06.0 W.	Spacings	SEARCH 04-24-07
----- Channel 291 - 106.1 MHz -----		

Call Lat.	Channel Lng.	Location Ant	Power	Azi HAAT	Dist	FCC	Margin
AP1174209APP	291A	Science Hill	KY	345.6	0.89	115.0	-114.11
	37 07 52.0	84 33 15.0		0.000 kW	0 M		
		F.T.G. Broadcasting, Inc.		BSFH-20061214ACR			
AU7058520VAC	291A	Science Hill	KY	44.4	8.30	115.0	-106.70
	37 10 36.0	84 29 10.0		6.000 kW	100 M		
		Auction 70		RM-10328			
* WANY-FM	LIC 292A	Albany	KY	228.6	71.18	72.0	-0.82
	36 41 54.0	85 09 00.0	HN	2.700 kW	47 M		
		Pamela Allred DbA Albany B		BLH-7376			
* New	APP 291A	Oliver Springs	TN	170.2	114.30	115.0	-0.70
	36 06 29.0	84 20 08.0		0.190 kW	532 M		
		Momentum Broadcasting LLC					
AU7056528VAC	291A	Oliver Springs	TN	171.4	116.34	115.0	1.34
	36 05 12.0	84 21 25.0		6.000 kW	100 M		
		Ron Meredith		RM-10193			
AP1179914APP	290A	Burgin	KY	350.9	77.23	72.0	5.23
	37 48 37.0	84 41 30.0		0.000 kW	0 M		
		Educational Media Foundation		BSFH-20061218ADP			
AU7058520VAC	290A	Burgin	KY	350.9	77.23	72.0	5.23
	37 48 37.0	84 41 30.0		6.000 kW	100 M		
		Vernon R. Baldwin		RM-9964			
WQXX	LIC 291C3	Morehead	KY	39.2	152.58	142.0	10.58
	38 10 56.0	83 26 56.0	CX	19.500 kW	114 M		
		Morgan County Industries		BLH-20020611AAA			
WRIL	LIC 292A	Pineville	KY	118.4	85.72	72.0	13.72
	36 45 15.0	83 42 23.0	C	1.050 kW	234 M		
		Pine Hills Broadcasting, Inc.		BLH-19960111KO			
WRIL	CP 292A	Pineville	KY	118.3	85.94	72.0	13.94
	36 45 16.0	83 42 12.0	CX	1.150 kW	228 M		
		Pine Hills Broadcasting, Inc.		BPH-20040823AAA			
WTBK	LIC-Z 289C3	Manchester	KY	87.4	71.09	42.0	29.09
	37 08 59.0	83 45 08.0	ZCX	5.000 kW	218 M		
		Manchester Communications		BLH-20050405ABK			
WCDA	LIC 292A	Versailles	KY	2.6	102.67	72.0	30.67
	38 02 51.0	84 29 57.0	CN	3.700 kW	128 M		
		L.M. Communications, Inc.		BLH-19990115KB			

* Note : This shortage is addressed under §73.215 of the rules, see Exhibit A.

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

Oliver Springs, TN
Latitude: 36-06-29 N
Longitude: 084-20-08 W
ERP: 6.00 kW
Channel: 291A
Frequency: 106.1 MHz
AMSL Height: 584.0 m

WANY-FM
BLH-7376
Latitude: 36-41-54 N
Longitude: 085-09-00 W
ERP: 6.00 kW
Channel: 292A
Frequency: 106.3 MHz
AMSL Height: 396.0 m

NEW FM 40 dBu (50/10)

NEW FM 54 dBu (50/10)

NEW FM 60 dBu (50/50)

WANY-FM 54 dBu (50/10)

WANY-FM 60 dBu (50/50)

OLIVER SPRINGS, TN 40 dbu (50/10)

OLIVER SPRINGS, TN 60 dBu (50/50)

EXHIBIT A2
NEW FM APPLICATION
F.T.G. BROADCASTING, INC.
NEW FM STATION
CH 291A - 106.1 MHZ - 3.1 KW
SCIENCE HILL, KENTUCKY
April 2007

Scale 1:1,400,000



NEW FM APPLICATION
F.T.G. BROADCASTING, INC.
NEW FM RADIO STATION
CH 291A - 106.1 MHZ - 3.1 KW
SCIENCE HILL, KENTUCKY
April 2007

EXHIBIT A3

New FM - Proposed
Channel = 291A
Max ERP = 3.1 kW
RCAMSL = 446.3 M
N. Lat = 37 07 24
W. Lng = 84 33 06

Oliver Springs, TN
Channel = 291A
Max ERP = 6 kW
RCAMSL = 584 M
N. Lat = 36 06 29
W. Lng = 84 20 08

Protected
60 dBu

Interfering
40 dBu

30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
140.0	003.1000	0142.4	028.4	359.3	006.0000	0076.5	090.9	37.8
141.0	003.1000	0142.9	028.5	359.1	006.0000	0076.5	090.6	37.9
142.0	003.1000	0141.2	028.3	358.8	006.0000	0076.5	090.4	37.9
143.0	003.1000	0139.9	028.2	358.5	006.0000	0075.5	090.2	37.9
144.0	003.1000	0139.2	028.1	358.2	006.0000	0075.5	089.9	38.0
145.0	003.1000	0137.6	028.0	357.9	006.0000	0075.5	089.8	38.0
146.0	003.1000	0135.1	027.8	357.6	006.0000	0075.5	089.7	38.1
147.0	003.1000	0134.0	027.7	357.3	006.0000	0071.6	089.5	37.9
148.0	003.1000	0135.7	027.8	357.1	006.0000	0071.6	089.2	38.0
149.0	003.1000	0139.6	028.2	356.9	006.0000	0071.6	088.6	38.1
150.0	003.1000	0144.3	028.6	356.7	006.0000	0071.6	088.0	38.3
151.0	003.1000	0148.3	028.9	356.5	006.0000	0071.6	087.5	38.4
152.0	003.1000	0150.3	029.1	356.3	006.0000	0067.3	087.1	38.3
153.0	003.1000	0150.2	029.1	356.0	006.0000	0067.3	086.9	38.4
154.0	003.1000	0148.8	029.0	355.6	006.0000	0067.3	086.9	38.4
155.0	003.1000	0146.7	028.8	355.3	006.0000	0058.3	086.9	38.0
156.0	003.1000	0144.6	028.6	354.9	006.0000	0058.3	086.9	37.9
157.0	003.1000	0143.1	028.5	354.6	006.0000	0058.3	086.8	38.0
158.0	003.1000	0142.8	028.5	354.3	006.0000	0048.1	086.7	37.5
159.0	003.1000	0143.1	028.5	354.0	006.0000	0048.1	086.6	37.5
160.0	003.1000	0143.1	028.5	353.7	006.0000	0048.1	086.4	37.5
161.0	003.1000	0142.6	028.4	353.3	006.0000	0037.8	086.4	37.0
162.0	003.1000	0140.7	028.3	353.0	006.0000	0037.8	086.4	37.0
163.0	003.1000	0136.5	027.9	352.6	006.0000	0037.8	086.7	36.9
164.0	003.1000	0131.3	027.5	352.3	006.0000	0026.4	087.1	36.4
165.0	003.1000	0129.8	027.3	352.0	006.0000	0026.4	087.1	36.4
166.0	003.1000	0133.7	027.7	351.7	006.0000	0026.4	086.8	36.5
167.0	003.1000	0139.7	028.2	351.4	006.0000	0014.2	086.2	36.6
168.0	003.1000	0141.1	028.3	351.1	006.0000	0014.2	086.0	36.6
169.0	003.1000	0139.1	028.1	350.7	006.0000	0014.2	086.2	36.6
170.0	003.1000	0138.4	028.1	350.4	006.0000	-0001.4	086.2	36.6
171.0	003.1000	0143.0	028.5	350.1	006.0000	-0001.4	085.8	36.7
172.0	003.1000	0150.0	029.1	349.7	006.0000	-0001.4	085.2	36.8
173.0	003.1000	0153.1	029.4	349.4	006.0000	-0020.4	085.0	36.8
174.0	003.1000	0149.9	029.1	349.1	006.0000	-0020.4	085.3	36.8
175.0	003.1000	0146.0	028.7	348.8	006.0000	-0020.4	085.7	36.7
176.0	003.1000	0143.6	028.5	348.4	006.0000	-0042.2	086.0	36.6
177.0	003.1000	0143.5	028.5	348.1	006.0000	-0042.2	086.1	36.6
178.0	003.1000	0143.9	028.6	347.8	006.0000	-0042.2	086.1	36.6
179.0	003.1000	0144.3	028.6	347.5	006.0000	-0059.2	086.2	36.6
180.0	003.1000	0147.0	028.8	347.1	006.0000	-0059.2	086.0	36.6

NEW FM APPLICATION
F.T.G. BROADCASTING, INC.
NEW FM RADIO STATION
CH 291A - 106.1 MHZ - 3.1 KW
SCIENCE HILL, KENTUCKY
April 2007

EXHIBIT A4

Oliver Springs, TN
Channel = 291A
Max ERP = 6 kW
RCAMSL = 584 M
N. Lat = 36 06 29
W. Lng = 84 20 08

New FM - Proposed
Channel = 291A
Max ERP = 3.1 kW
RCAMSL = 446.3 M
N. Lat = 37 07 24
W. Lng = 84 33 06

Protected
60 dBu

Interfering
40 dBu

30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
340.0	006.0000	-0033.6	015.8	171.9	003.1000	0150.0	098.8	35.9
341.0	006.0000	-0034.6	015.8	171.7	003.1000	0150.0	098.8	35.9
342.0	006.0000	-0043.2	015.8	171.6	003.1000	0150.0	098.7	35.9
343.0	006.0000	-0052.6	015.8	171.4	003.1000	0143.0	098.7	35.7
344.0	006.0000	-0061.0	015.8	171.3	003.1000	0143.0	098.7	35.7
345.0	006.0000	-0065.1	015.8	171.1	003.1000	0143.0	098.6	35.7
346.0	006.0000	-0066.2	015.8	170.9	003.1000	0143.0	098.6	35.7
347.0	006.0000	-0059.2	015.8	170.8	003.1000	0143.0	098.6	35.7
348.0	006.0000	-0042.2	015.8	170.6	003.1000	0143.0	098.6	35.7
349.0	006.0000	-0020.4	015.8	170.5	003.1000	0138.4	098.6	35.5
350.0	006.0000	-0001.4	015.8	170.3	003.1000	0138.4	098.6	35.5
351.0	006.0000	0014.2	015.8	170.1	003.1000	0138.4	098.6	35.5
352.0	006.0000	0026.4	015.8	170.0	003.1000	0138.4	098.6	35.5
353.0	006.0000	0037.8	017.7	169.8	003.1000	0138.4	096.6	36.1
354.0	006.0000	0048.1	020.2	169.5	003.1000	0139.1	094.2	36.7
355.0	006.0000	0058.3	022.2	169.1	003.1000	0139.1	092.2	37.3
356.0	006.0000	0067.3	023.6	168.8	003.1000	0139.1	090.9	37.7
357.0	006.0000	0071.6	024.2	168.5	003.1000	0141.1	090.3	37.9
358.0	006.0000	0075.5	024.8	168.1	003.1000	0141.1	089.8	38.0
359.0	006.0000	0076.5	025.0	167.8	003.1000	0141.1	089.7	38.1
000.0	006.0000	0077.4	025.1	167.6	003.1000	0141.1	089.7	38.1
001.0	006.0000	0076.7	025.0	167.3	003.1000	0139.7	089.9	38.0
002.0	006.0000	0071.4	024.2	167.2	003.1000	0139.7	090.8	37.7
003.0	006.0000	0064.9	023.2	167.1	003.1000	0139.7	091.8	37.4
004.0	006.0000	0061.2	022.6	166.9	003.1000	0139.7	092.5	37.2
005.0	006.0000	0053.3	021.3	167.0	003.1000	0139.7	093.9	36.8
006.0	006.0000	0037.6	017.7	167.4	003.1000	0139.7	097.4	35.9
007.0	006.0000	0020.8	015.8	167.6	003.1000	0141.1	099.3	35.4
008.0	006.0000	0006.4	015.8	167.5	003.1000	0139.7	099.4	35.4
009.0	006.0000	-0007.0	015.8	167.3	003.1000	0139.7	099.5	35.3
010.0	006.0000	-0019.1	015.8	167.2	003.1000	0139.7	099.6	35.3
011.0	006.0000	-0027.7	015.8	167.0	003.1000	0139.7	099.7	35.3
012.0	006.0000	-0035.2	015.8	166.9	003.1000	0139.7	099.8	35.3
013.0	006.0000	-0042.3	015.8	166.8	003.1000	0139.7	100.0	35.2
014.0	006.0000	-0049.9	015.8	166.6	003.1000	0139.7	100.1	35.2
015.0	006.0000	-0053.6	015.8	166.5	003.1000	0133.7	100.2	34.9
016.0	006.0000	-0058.8	015.8	166.3	003.1000	0133.7	100.4	34.9
017.0	006.0000	-0066.2	015.8	166.2	003.1000	0133.7	100.5	34.9
018.0	006.0000	-0073.6	015.8	166.1	003.1000	0133.7	100.6	34.8
019.0	006.0000	-0076.7	015.8	165.9	003.1000	0133.7	100.8	34.8
020.0	006.0000	-0081.2	015.8	165.8	003.1000	0133.7	100.9	34.8

NEW FM APPLICATION
F.T.G. BROADCASTING, INC.
NEW FM RADIO STATION
CH 291A - 106.1 MHZ - 3.1 KW
SCIENCE HILL, KENTUCKY
April 2007

EXHIBIT A5

New FM - Proposed
Channel = 291A
Max ERP = 3.1 kW
RCAMSL = 446.3 M
N. Lat = 37 07 24
W. Lng = 84 33 06

WANY-FM - BLH-7376
Channel = 292A
Max ERP = 6 kW
RCAMSL = 396 M
N. Lat = 36 41 54
W. Lng = 85 09 00

Protected
60 dBu

Interfering
54 dBu

30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
240.0	003.1000	0154.3	029.5	040.4	006.0000	0058.8	042.7	50.3
241.0	003.1000	0154.8	029.5	039.8	006.0000	0058.8	042.9	50.3
242.0	003.1000	0155.8	029.6	039.1	006.0000	0058.1	043.0	50.1
243.0	003.1000	0156.9	029.7	038.4	006.0000	0058.5	043.1	50.1
244.0	003.1000	0157.8	029.8	037.7	006.0000	0058.5	043.2	50.1
245.0	003.1000	0158.3	029.8	037.1	006.0000	0060.7	043.4	50.3
246.0	003.1000	0159.1	029.9	036.4	006.0000	0064.5	043.6	50.6
247.0	003.1000	0160.6	030.0	035.8	006.0000	0064.5	043.8	50.6
248.0	003.1000	0162.0	030.2	035.1	006.0000	0069.0	043.9	51.0
249.0	003.1000	0162.9	030.3	034.5	006.0000	0072.7	044.2	51.3
250.0	003.1000	0163.7	030.3	033.8	006.0000	0072.7	044.4	51.2
251.0	003.1000	0163.8	030.3	033.3	006.0000	0075.9	044.7	51.4
252.0	003.1000	0164.3	030.4	032.7	006.0000	0075.9	045.0	51.3
253.0	003.1000	0163.8	030.3	032.2	006.0000	0080.1	045.4	51.6
254.0	003.1000	0161.6	030.1	031.9	006.0000	0080.1	045.9	51.4
255.0	003.1000	0158.8	029.9	031.6	006.0000	0080.1	046.4	51.2
256.0	003.1000	0156.6	029.7	031.3	006.0000	0085.5	046.9	51.5
257.0	003.1000	0156.7	029.7	030.9	006.0000	0085.5	047.3	51.4
258.0	003.1000	0157.4	029.8	030.4	006.0000	0090.8	047.6	51.8
259.0	003.1000	0157.4	029.8	030.0	006.0000	0090.8	048.0	51.6
260.0	003.1000	0156.2	029.7	029.7	006.0000	0090.8	048.5	51.4
261.0	003.1000	0155.4	029.6	029.4	006.0000	0095.2	048.9	51.6
262.0	003.1000	0155.6	029.6	029.0	006.0000	0095.2	049.3	51.5
263.0	003.1000	0156.9	029.7	028.5	006.0000	0095.2	049.6	51.4
264.0	003.1000	0157.3	029.8	028.1	006.0000	0099.1	050.0	51.5
265.0	003.1000	0156.2	029.6	027.9	006.0000	0099.1	050.5	51.3
266.0	003.1000	0155.1	029.6	027.7	006.0000	0099.1	051.0	51.1
267.0	003.1000	0154.2	029.5	027.5	006.0000	0103.3	051.5	51.3
268.0	003.1000	0155.3	029.6	027.1	006.0000	0103.3	051.9	51.1
269.0	003.1000	0157.0	029.7	026.7	006.0000	0103.3	052.3	51.0
270.0	003.1000	0158.7	029.9	026.3	006.0000	0107.5	052.7	51.1
271.0	003.1000	0159.9	030.0	025.9	006.0000	0107.5	053.1	50.9
272.0	003.1000	0158.9	029.9	025.8	006.0000	0107.5	053.6	50.7
273.0	003.1000	0157.8	029.8	025.6	006.0000	0107.5	054.1	50.5
274.0	003.1000	0156.6	029.7	025.5	006.0000	0107.5	054.6	50.3
275.0	003.1000	0156.1	029.6	025.4	006.0000	0111.1	055.1	50.4
276.0	003.1000	0156.4	029.7	025.2	006.0000	0111.1	055.6	50.2
277.0	003.1000	0155.8	029.6	025.0	006.0000	0111.1	056.1	50.0
278.0	003.1000	0154.0	029.5	025.0	006.0000	0111.1	056.7	49.8
279.0	003.1000	0149.9	029.1	025.2	006.0000	0111.1	057.3	49.6
280.0	003.1000	0146.1	028.8	025.4	006.0000	0111.1	057.8	49.4

NEW FM APPLICATION
F.T.G. BROADCASTING, INC.
NEW FM RADIO STATION
CH 291A - 106.1 MHZ - 3.1 KW
SCIENCE HILL, KENTUCKY
April 2007

EXHIBIT A6

WANY-FM - BLH-7376
Channel = 292A
Max ERP = 6 kW
RCAMSL = 396 M
N. Lat = 36 41 54
W. Lng = 85 09 00

New FM - Proposed
Channel = 291A
Max ERP = 3.1 kW
RCAMSL = 446.3 M
N. Lat = 37 07 24
W. Lng = 84 33 06

Protected
60 dBu

Interfering
54 dBu

30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
004.0	006.0000	0112.4	029.9	251.3	003.1000	0163.8	054.0	50.8
005.0	006.0000	0113.3	030.0	251.2	003.1000	0163.8	053.5	51.0
006.0	006.0000	0114.0	030.0	251.1	003.1000	0163.8	053.0	51.2
007.0	006.0000	0113.9	030.0	250.8	003.1000	0163.8	052.5	51.4
008.0	006.0000	0113.8	030.0	250.5	003.1000	0163.8	052.1	51.5
009.0	006.0000	0114.3	030.1	250.3	003.1000	0163.7	051.6	51.7
010.0	006.0000	0114.9	030.2	250.1	003.1000	0163.7	051.1	51.9
011.0	006.0000	0116.2	030.3	249.9	003.1000	0163.7	050.5	52.1
012.0	006.0000	0118.2	030.5	249.8	003.1000	0163.7	050.0	52.3
013.0	006.0000	0120.6	030.8	249.7	003.1000	0163.7	049.4	52.6
014.0	006.0000	0122.9	031.0	249.6	003.1000	0163.7	048.8	52.8
015.0	006.0000	0124.8	031.2	249.4	003.1000	0162.9	048.2	53.0
016.0	006.0000	0126.4	031.4	249.2	003.1000	0162.9	047.7	53.2
017.0	006.0000	0126.4	031.4	248.8	003.1000	0162.9	047.3	53.4
018.0	006.0000	0126.0	031.4	248.3	003.1000	0162.0	046.9	53.5
019.0	006.0000	0126.3	031.4	247.9	003.1000	0162.0	046.4	53.6
020.0	006.0000	0126.7	031.4	247.5	003.1000	0162.0	046.0	53.8
021.0	006.0000	0125.4	031.3	246.9	003.1000	0160.6	045.7	53.9
022.0	006.0000	0122.2	031.0	246.1	003.1000	0159.1	045.5	53.9
023.0	006.0000	0118.2	030.5	245.3	003.1000	0158.3	045.5	53.8
024.0	006.0000	0114.4	030.1	244.4	003.1000	0157.8	045.5	53.8
025.0	006.0000	0111.1	029.7	243.6	003.1000	0157.8	045.4	53.8
026.0	006.0000	0107.5	029.3	242.7	003.1000	0156.9	045.5	53.8
027.0	006.0000	0103.3	028.7	241.8	003.1000	0155.8	045.6	53.7
028.0	006.0000	0099.1	028.2	240.9	003.1000	0154.8	045.8	53.5
029.0	006.0000	0095.2	027.6	240.0	003.1000	0154.3	046.0	53.4
030.0	006.0000	0090.8	027.0	239.2	003.1000	0154.1	046.3	53.3
031.0	006.0000	0085.5	026.3	238.2	003.1000	0154.3	046.7	53.1
032.0	006.0000	0080.1	025.5	237.3	003.1000	0154.9	047.2	53.0
033.0	006.0000	0075.9	024.9	236.5	003.1000	0156.4	047.6	52.9
034.0	006.0000	0072.7	024.4	235.8	003.1000	0156.4	047.9	52.8
035.0	006.0000	0069.0	023.8	235.1	003.1000	0158.5	048.3	52.7
036.0	006.0000	0064.5	023.2	234.4	003.1000	0160.4	048.8	52.6
037.0	006.0000	0060.7	022.6	233.7	003.1000	0160.4	049.2	52.5
038.0	006.0000	0058.5	022.2	233.2	003.1000	0162.0	049.5	52.4
039.0	006.0000	0058.1	022.1	232.7	003.1000	0162.0	049.4	52.5
040.0	006.0000	0058.8	022.3	232.3	003.1000	0163.2	049.2	52.6
041.0	006.0000	0059.7	022.4	231.9	003.1000	0163.2	049.0	52.7
042.0	006.0000	0059.6	022.4	231.4	003.1000	0164.2	049.0	52.8
043.0	006.0000	0057.9	022.1	230.9	003.1000	0164.2	049.2	52.7
044.0	006.0000	0054.6	021.5	230.4	003.1000	0165.2	049.7	52.5

NEW FM APPLICATION
F.T.G. BROADCASTING, INC.
NEW FM RADIO STATION
CH 291A - 106.1 MHZ - 3.1 KW
SCIENCE HILL, KENTUCKY
April 2007

EXHIBIT A7

Predicted Contour:

N. Lat. = 37 07 24 - Tabulated Protected and Interfering Contour Data
W. Lng. = 84 33 06 - New FM Station - Science Hill, Kentucky

HAAT and Distance to Contour - FCC Method - NGDC 30 Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	126.2	3.1000	4.91	1.000	27.01	80.86	41.13	2.47
010	133.1	3.1000	4.91	1.000	27.60	81.92	42.01	2.51
020	136.1	3.1000	4.91	1.000	27.87	82.39	42.40	2.54
030	144.3	3.1000	4.91	1.000	28.59	83.61	43.42	2.59
040	140.7	3.1000	4.91	1.000	28.27	83.08	42.97	2.57
050	146.8	3.1000	4.91	1.000	28.81	83.96	43.72	2.61
060	146.6	3.1000	4.91	1.000	28.80	83.94	43.70	2.61
070	147.4	3.1000	4.91	1.000	28.86	84.05	43.79	2.61
080	129.2	3.1000	4.91	1.000	27.27	81.33	41.52	2.49
090	128.6	3.1000	4.91	1.000	27.21	81.22	41.43	2.49
100	132.7	3.1000	4.91	1.000	27.57	81.86	41.96	2.51
110	132.6	3.1000	4.91	1.000	27.56	81.84	41.94	2.51
120	136.8	3.1000	4.91	1.000	27.93	82.50	42.49	2.54
130	128.9	3.1000	4.91	1.000	27.24	81.28	41.48	2.49
140	142.4	3.1000	4.91	1.000	28.42	83.32	43.18	2.58
150	144.3	3.1000	4.91	1.000	28.59	83.60	43.41	2.59
160	143.1	3.1000	4.91	1.000	28.48	83.42	43.26	2.58
170	138.4	3.1000	4.91	1.000	28.07	82.73	42.68	2.55
180	147.0	3.1000	4.91	1.000	28.83	83.99	43.74	2.61
190	160.2	3.1000	4.91	1.000	30.01	85.85	45.34	2.70
200	170.7	3.1000	4.91	1.000	30.96	87.27	46.61	2.77
210	173.8	3.1000	4.91	1.000	31.23	87.66	46.97	2.79
220	158.4	3.1000	4.91	1.000	29.85	85.61	45.13	2.69
230	165.2	3.1000	4.91	1.000	30.47	86.54	45.95	2.74
240	154.3	3.1000	4.91	1.000	29.48	85.03	44.63	2.66
250	163.7	3.1000	4.91	1.000	30.32	86.32	45.76	2.72
260	156.2	3.1000	4.91	1.000	29.66	85.30	44.86	2.68
270	158.7	3.1000	4.91	1.000	29.87	85.64	45.16	2.69
280	146.1	3.1000	4.91	1.000	28.75	83.87	43.64	2.61
290	142.5	3.1000	4.91	1.000	28.43	83.35	43.20	2.58
300	132.1	3.1000	4.91	1.000	27.52	81.77	41.88	2.51
310	125.1	3.1000	4.91	1.000	26.91	80.68	40.99	2.47
320	117.6	3.1000	4.91	1.000	26.25	79.47	39.96	2.43
330	122.8	3.1000	4.91	1.000	26.72	80.31	40.68	2.45
340	115.1	3.1000	4.91	1.000	26.01	79.05	39.59	2.41
350	113.7	3.1000	4.91	1.000	25.88	78.82	39.37	2.40

AMSL= 446.3 M