[Exhibit 13]

Non-Interference Compliance

Regarding Facility id 151804 Channel 285

Description of Exhibit 13 Contents

This exhibit demonstrates that the proposed facility complies with contour overlap and interference protection provisions in all of the applicable rule sections and that this application for a construction permit is in full compliance with 47 C.F.R. § 74.1204.

Let it be noted that should any actual real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. § 74.1203.

Page 2 of this exhibit is an explanation of the method used to demonstrate compliance with contour overlap and interference provisions based on 47 C.F.R. § 74.1204(d), which states:

> *[A]n application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or such other factors as may be applicable.*

Page 3 of this exhibit contains the tabulated data from the interference analysis, which shows all stations whose protected contours come within 50 km of the 34 dBµ F(50,10) contour of the proposed translator. These tabulated values were calculated using data from the FCC's CDBS files and 30 arc second terrain data. The column labeled "Adj" shows the number of channels difference between the entry and the proposed translator. The column labeled "Dist" shows the distance in km. The column labeled "Overlap" shows the area of contour overlap in square kilometers.

Page 4 of this exhibit is a portion of a USGS 1:24,000 scale 7.5 minute quadrangle at full scale with the calculated area of interference overlaid. The sheet includes the quadrangle name and measurement scale at the bottom-left corner (note: "Mt" refers to meters). The area of interference was calculated using the free space equation and 120 radials.

Page 5 of this exhibit is an aerial photo of the vicinity surrounding the proposed translator's tower site.

Note: The only building within the zone of interference is a small unoccupied outbuilding. The road within the zone is not a major road so a lack of population has been demonstrated within the area of interference and this application is therefore in full compliance with 47 C.F.R. § 74.1204.

Compliance with 47 C.F.R. § 74.1204(d)

All authorized second and third adjacent stations with which the proposed translator has contour overlap are tabulated below. Column four show the station's signal level at the proposed translator's tower site, and column five gives the minimum value within the entire standard interfering contour of the proposed translator (100 dBµ for most classes, 94 for class B, 97 for class B1). The minimum second or third adjacent F(50,50) contour within the proposed translator's standard interfering contour was used to calculate the proposed translator's actual "worst-case" interfering contour.

Application_id	File Number	Callsign	Contour at Tower	Min. Contour
1439126	BPH20110811AAL	WBBQ-FM	74.2	74.2
999080	BMLH20040618AAT	WBBQ-FM	74.7	74.2
		Minimum F(50,50) Contour of Adjacent Station within Proposed Translator's Standard Interfering Contour		**74.2**

FCC 02-244 at Section II.A.5 states that "when demonstrating that 'no actual interference will occur due to . . . other factors,' pursuant to Section 74.1204(d), an applicant may use the undesired-to-desired signal ratio method." The undesired-to-desired ratio for second and third adjacent stations required by § 74.1204(a) is 40 dB. Since the minimum protected contour strength within the proposed translator's standard interference contour is **74.2 dBµ**, this makes the proposed translator's worst-case interfering contour **114.2 dBµ.** By the free-space equation, this contour is calculated to extend a maximum of **178.3 m** from the transmit antenna.

The interfering contour of the proposed translator was calculated for 120 radials and plotted on the pertinent portion of a USGS quadrangle (page 4 of this exhibit). As demonstrated on the quadrangle, there are no populated structures or highways within the area of interference (Note: FCC 02-244 at Section II.A.6 states that USGS quadrangles "have been recognized as acceptable to demonstrate lack of population").

Note: The only building within the zone of interference is a small unoccupied outbuilding. The road within the zone is not a major road so a lack of population has been demonstrated within the area of interference and this application is therefore in full compliance with 47 C.F.R. § 74.1204.

Antenna Manufacturer:	**SCA**
Antenna Model:	**FMV1**
CORAGL:	**11 m**
Maximum ERP:	**0.17 kW**
Interfering Contour:	**114.2 dBµ**
Max Int. Contour Distance:	**178.3 m**

Adjacent Channel Study
For Station W287BH, Facility_id: 151804

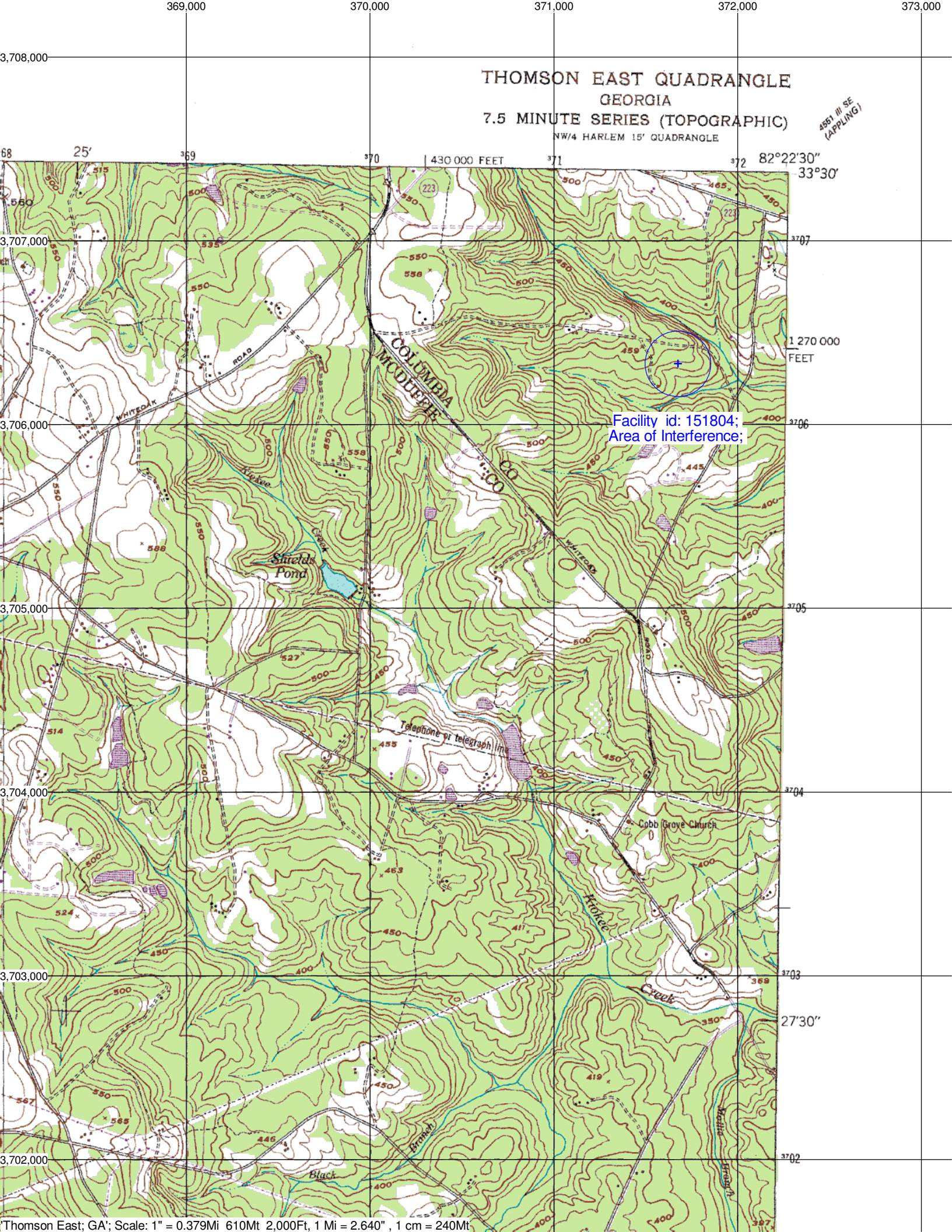
Co-channel through third adjacent:

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
999080	59249	BMLH	20040618AAT	WBBQ-FM	CAPSTAR TX LLC	C0	AUGUSTA	GA	LIC	100	416	282	3	42.9	1.0144
1439126	59249	BPH	20110811AAL	WBBQ-FM	CAPSTAR TX LLC	C0	AUGUSTA	GA	CP	100	517	282	3	50.9	1.0144
628099	138269	BNPFT	20030310ABK	NEW	AUGUSTA RADIO FELLOWSHIP INSTITUTE, INC	D	BLYTHE	GA	APP	0.01	250	286	1	26.5	0
643239	150285	BNPFT	20030317EJT	NEW	EDGEWATER BROADCASTING, INC.	D	WRENS	GA	APP	0.01	257.7	286	1	26.9	0
643230	150276	BNPFT	20030317DPT	NEW	EDGEWATER BROADCASTING, INC.	D	AUGUSTA-RICHMOND C	GA	APP	0.019	153.4	286	1	27.5	0
643320	150366	BNPFT	20030317HWE	NEW	RADIO ASSIST MINISTRY, INC.	D	AUGUSTA-RICHMOND C	GA	APP	0.01	308.2	287	2	27.6	0
643236	150282	BNPFT	20030317EJR	NEW	EDGEWATER BROADCASTING, INC.	D	WAYNESBORO	GA	APP	0.01	219.6	286	1	54.1	0
1276611	150377	BLFT	20070511AAD	W284BU	RADIO ASSIST MINISTRY, INC.	D	LOUISVILLE	GA	LIC	0.17	108	284	1	55	0
643365	150411	BNPFT	20030317ILB	NEW	EDGEWATER BROADCASTING, INC.	D	AIKEN	SC	APP	0.01	327.5	286	1	62.7	0
267298	84470	BLH	19980521KC	WSGC-FM	GEORGIA-CAROLINA RADIOCASTING COMPAN	A	ELBERTON	GA	LIC	6	242	286	1	66.2	0
1323600	84470	BMPH	20090721ACQ	WSGC-FM	GEORGIA-CAROLINA RADIOCASTING COMPAN	C3	TIGNALL	GA	CP MOD	21	232	287	2	66.3	0
1434213	147255	BMPFT	20110705AAL	W243CI	GEORGIA-CAROLINA RADIOCASTING COMPAN	D	ELBERTON	GA	APP	0.25	255	288	3	83.3	0
1157741	56390	BXLH	20061102ABS	WFSH-FM	SOUTH TEXAS BROADCASTING, INC.	C1	ATHENS	GA	LIC	23.5	679	284	1	140.3	0
1140697	56390	BMLH	20060726APQ	WFSH-FM	SOUTH TEXAS BROADCASTING, INC.	C1	ATHENS	GA	LIC	24	772	284	1	140.3	0
696386	19472	BLH	20031030AAR	WNOK	CAPSTAR TX LLC	C1	COLUMBIA	SC	LIC	90	419	284	1	154.5	0

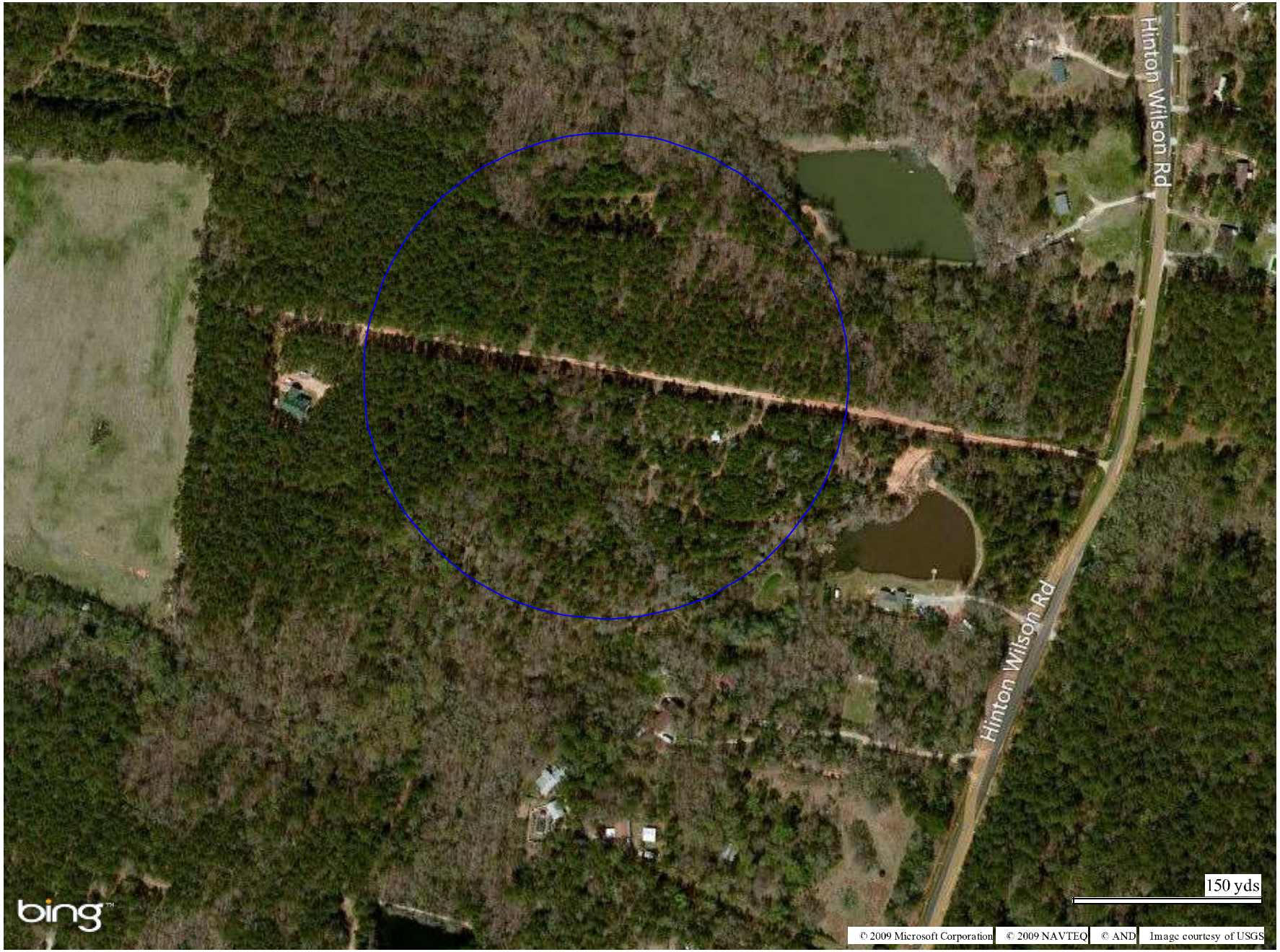
Intermediate Frequencies (53 and 54 channels difference):

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Clr
1419700	83423	BPED	20101122AFQ	WTHP	AUGUSTA RADIO FELOWSHIP INSTITUTE, INC.	C3	GIBSON	GA	APP	6.3	310	232	53	30.3	18.3
1297788	83423	BMLED	20090121AET	WTHP	AUGUSTA RADIO FELOWSHIP INSTITUTE, INC.	A	GIBSON	GA	LIC	2.05	310	232	53	30.3	20.3
1455172	150377	BPFT	20111026AGW	W284BU	RADIO ASSIST MINISTRY, INC.	D	LOUISVILLE	GA	APP	0.25	89	231	54	68.2	58.2
1363004	84438	BMLED	20100511ABZ	WGFJ	RADIO TRAINING NETWORK, INC.	A	CROSS HILL	SC	LIC	3.6	272	231	54	90.5	80.5
1237371	84438	BPH	20080307ABK	WGFJ	RADIO TRAINING NETWORK, INC.	A	CROSS HILL	SC	CP	3.2	272	231	54	90.5	80.5

Prepared by Gene Wisniewski
October 27, 2011



'Thomson East; GA'; Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640" , 1 cm = 240Mt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