

[Exhibit 12]

Non-Interference Compliance

Regarding FCC File Number: BNPFT-20030317DPW

Description of Exhibit 12 Contents

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

Page 2 of this exhibit is an explanation of the tabulated data, which is included as evidence on page 4 of this exhibit.

Page 3 of this exhibit is an explanation of the method used to demonstrate compliance with contour overlap and interference protection provisions based on 47 CFR 74.1204(d), which states:

"an 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."

In addition, page 3 includes a tabulation of the second and third adjacent stations which this application is required to protect and the field strengths of those stations in the vicinity of the proposed translator. The field strengths given were based on contours predicted using FCC contour algorithms and 3 arc second terrain data.

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

Page 4 of this exhibit is the tabulated data from the interference analysis, which shows all stations that this application had to consider for contour protection. These tabulated values were generated using high resolution 3 arc second terrain data for the best possible accuracy.

Page 5 of this exhibit is a portion of a USGS 1:24,000 scale 7.5 min quadrangle at full scale with the calculated area of interference overlayed. 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 a free-space calculation (see FCC 98-117, Appendix A, pg. 41 for reference to the equation used).

Explanation of Frequency Finder Results

The interference analysis for this application was performed using the "Frequency Finder" module in RadioSoft's Comstudy, version 2.2.

Frequency Finder analyzes data taken directly from the FCC's FM database and looks for prohibited overlap with contours of adjacent stations and prohibited proximity to stations 53 or 54 channels from the proposed station (IF) using 3 arc second terrain data and the FCC's contour algorithms. The results tabulated are the stations returned from that analysis. (Note: Because Comstudy was looking at the FCC's FM database, it took into account the proposed translator when doing the analysis and returned it in the tabulated results. For the sake of simplicity, that record has been deleted from all tabulated results.)

The first several columns of the table are self-explanatory. They give various data on the stations in question. The column labeled "Clr" gives the proposed translator's "clearance" with respect to the tabulated station, either in dB or km. The values listed with no units are given in km and are for stations located on an IF to the proposed site's channel.

A negative value in the "Clr" column does NOT necessarily represent prohibited contour overlap, as explained below.

A negative value listed in the "Clr" column would indicate either overlap of interference and protected contours or prohibited proximity to an IF station except in the following situations:

- Since the proposed station's Effective Radiated Power (ERP) is 10 watts, a negative value in km (no units listed in the table) does not represent a violation of the CFR, according to 47 CFR 1204(g), which states that "FM translator stations and booster stations operating with less than 100 watts ERP will be treated as class D stations and will not be subject to intermediate frequency separation requirements."

- A second or third adjacent LP100 station cannot represent a violation of the CFR, as 47 CFR 74.1204(a)(4) requires protection of only co-channel and first adjacent LP100 stations.

- 47 CFR 74.1204(a) requires only the protection of "AUTHORIZED commercial or noncommercial educational FM broadcast stations, FM translators, ..." Any entry with a status listed as "RSV," "USE" or "APP" does not represent an authorized station and therefore is not protected under 47 CFR 74.1204. The one exception is the case of LP100 applications. The note to 47 CFR 74.1204(a)(4) states that "LPFM applications and permits that have not yet been licensed must be considered as operating with the maximum permitted facilities." Therefore, any first adjacent or co-channel LP100 station, no matter the status, is protected.

- Entries highlighted in red are those stations where there is overlap of predicted contours and lack of population has been demonstrated within the area of interference.

Compliance with 47 CFR 74.1204(d)

The proposed application's Maximum Effective Radiated Power (ERP) is 0.01kW at 70 meters above ground level. According to 47 CFR, 74.1204(a), the desired to undesired ratio between 2nd/3rd adjacent stations is 40dB, making the proposed application's interfering contour 106.4dBu F(50,10).

Using a free-space calculation (equation referenced in FCC 98-117, Appendix A, pg. 41), this proposed translator's F(50,10) interference contour was calculated and plotted on the pertinent portion of a USGS quadrangle (page 5 of this exhibit). As demonstrated on the quadrangle, there are no populated structures or highways within the calculated area of interference (Note: FCC 02-244, II, A, 6 states that USGS quadrangles are sufficient for demonstrating lack of population). Hence, in accordance with 47 CFR 74.1204(d) and the clarification provided by the FCC in the decision Re: Living Way Ministries (FCC 02-244), a lack of population has been demonstrated within the area of interference and therefore this application is in full compliance with 47 CFR 74.1204.

CORAGL: 70m

Antenna Manufacturer: SWR

Maximum ERP: 0.01kW

Antenna Model: FM1

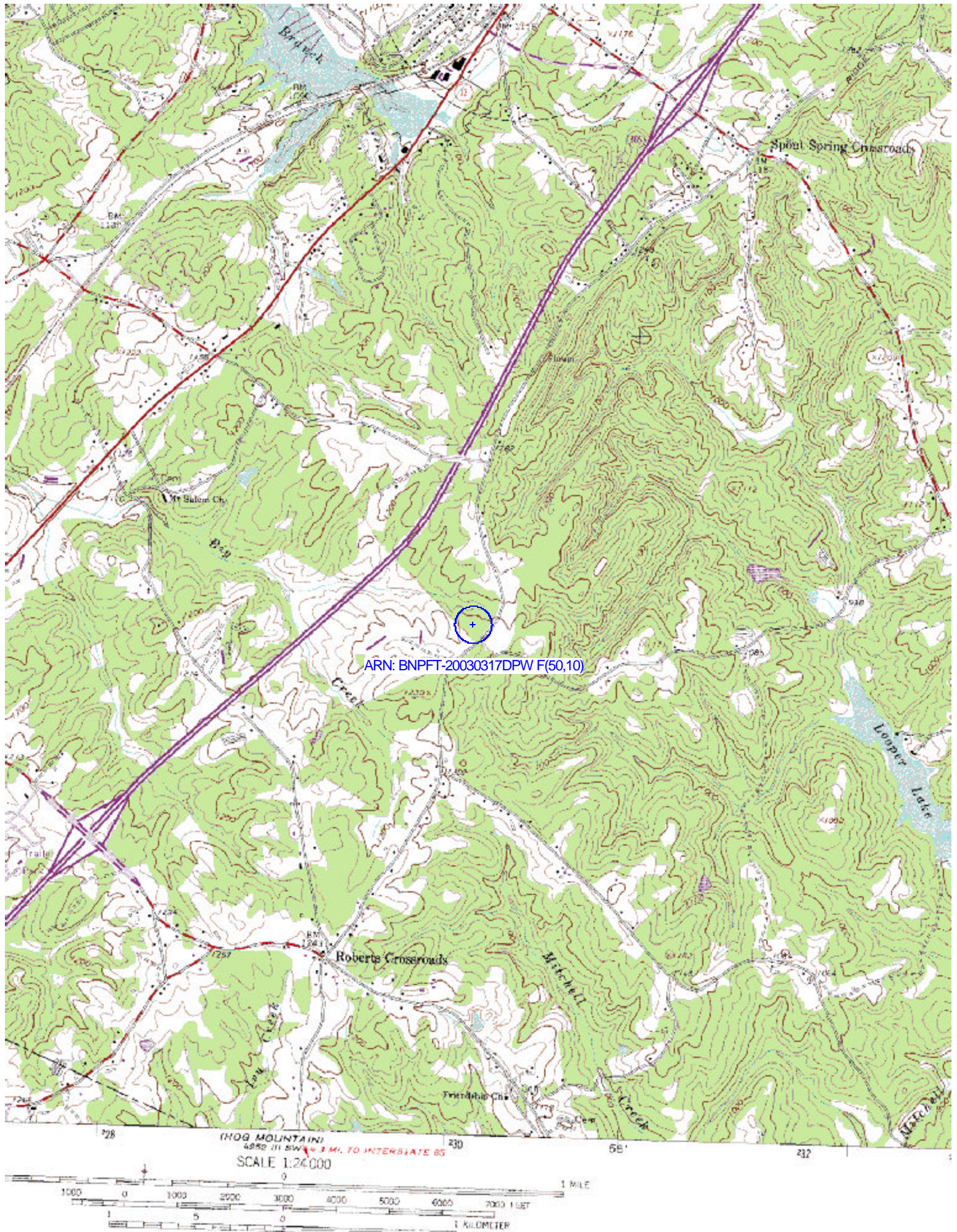
F(50,10) Interfering Contour: 106.4dBu

F(50,10) Max Distance: 106.2m

The F(50,50) signal strength of all relevant second and third adjacent stations have been examined, and are tabulated below. Column three shows the station's signal level at the proposed translator's tower site, and column four gives the minimum value within the entire proposed translator's standard F(50,10) contour (100 dBu for most classes, 94 dBu for class B's, 97 dBu for class B1's). For signal levels too great to determine, 999 was entered. The minimum F(50,50) contour within the proposed translator's standard F(50,10) contour was used to calculate the proposed translator's interference contour, thereby assuring a minimum undesired-to-desired ratio of 40dB for all relevant adjacent stations, as required in 47 CFR, 74.1204(a).

FCC File Number	Call Sign	F(50,50) Contour at Tower	Min. F(50,50) Contour
BPH20020115AAX	WNNX	69.2dBu	69dBu
BLH19840917BY	WNNX	66.7dBu	66.4dBu
Minimum F(50,50) Protected Contour of Adjacent Station Within Proposed Application's 100dBu F(50,10) Contour:			66.4dBu

Callsign	State	City	Channel	ERP_w	Licensee	ARN	Class	Status	Distance_km	Clr	Facility_id
NEW	GA	GAINESVILLE	264	100	FAYE BUSH	BNPL20000607AAF	LP100	APP	19.27	-11.10 dB	124146
WNNX	GA	ATLANTA	259	100000	WNNX LICO, INC.	BPH20020115AAX	C0	CP	53.99	-9.38 dB	73345
WNNX	GA	ATLANTA	259	100000	WNNX LICO, INC.	BLH19840917BY	C0	LIC	59.18	-6.87 dB	73345
NEW	GA	ATHENS-CLARKE	261	19	EDGEWATER BROADCASTING INC.	BNPFT20030317DPK	D	APP	53	10.64 dB	152200
WNSY	GA	TALKING ROCK	261	7000	CHARLES A. MCCLURE	BLH20020128AAS	C3	LIC	74.31	11.47 dB	78332
NEW	GA	GAINESVILLE	262	10	RADIO TRAINING NETWORK, INC.	BNPFT20030317BSB	D	APP	23.53	13.28 dB	151815
WYFW	GA	WINDER	208	6000	BIBLE BROADCASTING NETWORK, INC.	BLD19970821KA	A	LIC	23.78	13.8	5125
WWWQ	GA	COLLEGE PARK	263	27000	WNNX LICO, INC.	BPH20030124AGK	C2	APP	74.5	13.44 dB	6809
NEW	GA	LITHONIA	261	10	IMMANUEL BROADCASTING NETWORK	BNPFT20030317DXD	D	APP	48.28	14.89 dB	153952
WWWQ	GA	COLLEGE PARK	263	3000	WNNX LICO, INC.	BPH20000714AAV	C3	CP	60.96	15.18 dB	6809
NEW	GA	WINDER	264	19	RADIO TRAINING NETWORK, INC.	BNPFT20030317BDM	D	APP	18.69	16.32 dB	147273
NEW	GA	TOCCOA	261	10	PETER MONCURE	BNPFT20030317MWK	D	APP	65.91	18.50 dB	158609
	GA	WATKINSVILLE	261	0		RM10287	A	APP	69.33	19.02 dB	0
WWWQ	GA	COLLEGE PARK	263	411	WNNX LICO, INC.	BXPH20010803AAB	C3	APP	59.16	19.89 dB	6809
NEW	GA	ROYSTON	261	19	RADIO TRAINING NETWORK, INC.	BNPFT20030317BEO	D	APP	75.76	20.40 dB	147495
NEW	GA	MORROW	261	10	IMMANUEL BROADCASTING NETWORK	BNPFT20030317DWS	D	APP	75.77	20.62 dB	153974
W263AA	GA	CONYERS, ETC.	263	23	THE MOODY BIBLE INSTITUTE OF CHICAGO	BLFT19810202KK	D	LIC	43.34	23.86 dB	66042
WNSY	GA	TALKING ROCK	261	0	CHARLES A. MCCLURE		C3	USE	74.31	24.26 dB	78332
WSSL-FM	SC	GRAY COURT	263	100000	CAPSTAR TX LIMITED PARTNERSHIP	BPH20011226AAQ	C	CP	173.28	25.70 dB	59819
WUSY	TN	CLEVELAND	264	100000	CAPSTAR TX LIMITED PARTNERSHIP	BLH19890711KC	C	LIC	171	26.02 dB	12315
WFNG-LP	GA	FROGTOWN	263	100	FROGTOWN COMMUNITY RADIO, INC.	BLL20021105ABH	LP100	LIC	50.66	28.66 dB	123614
WXKT	GA	WASHINGTON	261	2400	SOUTHERN BROADCASTING COMPANIES, INC.	BLH7093	A	LIC	120.97	28.74 dB	51120
WSSL-FM	SC	GRAY COURT	263	100000	CAPSTAR TX LIMITED PARTNERSHIP	BMLH19930820KC	C	LIC	173.37	29.37 dB	59819
WKSF	NC	ASHEVILLE	260	48000	CAPSTAR TX LIMITED PARTNERSHIP	BLH7600	C	LIC	177.29	30.55 dB	2947
WNGU	GA	DAHLONEGA	208	750	GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION	BLD19980915AAA	A	LIC	41.9	31.9	76477
WRFG	GA	ATLANTA	207	14500	RADIO FREE GEORGIA BROADCASTING FOUNDATION IN	BPED20030219ADT	C1	APP	53.99	32	54585



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