

[Exhibit 12]

## **Non-Interference Compliance**

For an Open Site

Regarding FCC File Number: BNPFT-20030317JIK

Channel: 270

### **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 3 of this exhibit.

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

**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.**

## **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.

Callsign	State	City	Channel	ERP_w	Licensee	ARN	Facility_id	Class	Status	Distance_km	Clr
WMUT	MS	GRENADA	267	6000	GEORGE S. FLINN, JR.	BMPH20020405AAC	87534	A	CP MOD	40.81	6.43 dB
WMUT	MS	GRENADA	267	6000	GEORGE S. FLINN, JR.	BMPH20030421AAD	87534	A	APP	40.8	6.42 dB
WAGR-FM	MS	LEXINGTON	273	6000	BRAD MAURICE COTHRAN	BLH19900530KA	21155	A	LIC	52.01	13.54 dB
WZYQ	MS	MOUND BAYOU	270	6000	DELTA RADIO, INC.	BMPH19960708IB	43900	A	CP MOD	99.48	20.41 dB
WYOY	MS	GLUCKSTADT	269	50000	NEW SOUTH RADIO, INC	BLH19960318KA	48647	C2	LIC	125.56	26.58 dB
WFTA	MS	FULTON	270	50000	AIR SOUTH RADIO, INC.	BLH19870707KC	666	C2	LIC	140.42	26.35 dB
WZYQ	MS	MOUND BAYOU	270	0	DELTA RADIO, INC.		43900	A	USE	99.48	28.89 dB
KBUD	MS	SARDIS	271	4000	GEORGE S. FLINN, JR.	BMPH20010306ABD	89397	A	CP MOD	98.38	30.19 dB
WJDQ	MS	MERIDIAN	267	99000	CLEAR CHANNEL BROADCASTING LICENSES, INC.	BMLH19900116KD	7067	C1	LIC	163.31	31.12 dB
WMUT	MS	GRENADA	267	0	GEORGE S. FLINN, JR.		87534	A	USE	37.46	32.34 dB
WWSL	MS	PHILADELPHIA	272	4900	H & G C, INC.	BLH19970425KF	25742	A	LIC	103.68	33.28 dB
NEW	MS	CHARLESTON	273	75	EDGEWATER BROADCASTING INC.	BNPFT20030317GAW	149141	D	APP	62.14	34.34 dB
NEW	TN	MEMPHIS	270	250	GOLDEN RULE CONSULTING	BNPFT20030314BQF	148133	D	APP	191.41	34.75 dB
WWUN-FM	MS	CLARKSDALE	268	6000	CSN INTERNATIONAL	BLH19980625KE	16523	A	LIC	109.5	37.35 dB
WWUN-FM	MS	FRIAR'S POINT	268	17000	CSN INTERNATIONAL	BPH20030227AAA	16523	C3	APP	144.89	37.34 dB
WFTA	MS	FULTON	270	0	AIR SOUTH RADIO, INC.		666	C2	USE	141.99	38.61 dB
NEW	TN	MEMPHIS	270	80	COMMUNITY BROADCASTING, INC.	BNPFT20030312ACI	139523	D	APP	183.89	38.19 dB
WBEI	AL	REFORM	269	22500	APEX BROADCASTING INC.	BLH20020308AAT	67577	C2	LIC	178.62	38.24 dB
KTRQ	AR	COLT	272	40000	EAST ARKANSAS BROADCASTERS, INC.	BLH20011115ADN	67701	C2	LIC	196.64	39.73 dB
KNOE-FM	LA	MONROE	270	97000	NOE CORP., LLC	BLH19980615KB	48976	C	LIC	260.91	39.23 dB
WAGR-FM	MS	LEXINGTON	273	0	BRAD MAURICE COTHRAN		21155	C3	RSV	52.01	39.76 dB