

[Exhibit 12]

Non-Interference Compliance

Regarding FCC File Number: BNPFT-20030317GBO

Channel: 257

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 translator's Maximum Effective Radiated Power (ERP) is 0.01kW at 116 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 translator's interfering contour 103.3dBu 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: 116m

Antenna Manufacturer: SWR

Maximum ERP: 0.01kW

Antenna Model: FM1

F(50,10) Interfering Contour: 103.3dBu

F(50,10) Max Distance: 151.7m

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
BLH19950905KA	WAJV	63.7dBu	63.3dBu
Minimum F(50,50) Protected Contour of Adjacent Station Within Proposed Translator's standard F(50,10) Contour:			63.3dBu

Callsign	State	City	Channel	ERP_w	Licensee	ARN	Class	Status	Distance_km	Cir	Facility_id
WAJV	MS	BROOKSVILLE	255	5800	URBAN RADIO LICENSES, LLC	BLH19950905KA	C3	LIC	23.03	-6.84 dB	12229
WSMS	MS	ARTESIA	260	47000	CUMULUS LICENSING CORP	BLH19960730KC	C2	LIC	57.07	1.88 dB	6664
WDGM	AL	GREENSBORO	256	25000	WARRIOR BROADCASTING INC.	BPH20021223AAM	C3	APP	91.92	17.54 dB	86803
WDGM	AL	GREENSBORO	256	3200	WARRIOR BROADCASTING INC.	BLH20020312AAM	C3	LIC	95.64	23.80 dB	86803
WZRR	AL	BIRMINGHAM	258	100000	CITADEL BROADCASTING COMPANY	BLH19980128KB	C	LIC	165.96	26.94 dB	16899
WYMX	MS	GREENWOOD	256	96000	TELESOUTH COMMUNICATIONS, INC.	BPH19980924IG	C	CP	173.14	29.34 dB	65007
WAJV	MS	BROOKSVILLE	255	0	URBAN RADIO LICENSES, LLC		C3	USE	31.61	29.40 dB	12229
WYMX	MS	GREENWOOD	256	96000	TELESOUTH COMMUNICATIONS, INC.	BLH19890724KB	C	LIC	173.17	29.35 dB	65007
981029MA	MS	COLUMBUS	203	980	MISSISSIPPI UNIVERSITY FOR WOMEN	BPED19981029MA	A	APP	41.82	31.8	91984
WBHK	AL	WARRIOR	254	39000	CXR HOLDINGS, INC.	BLH20030122AAG	C1	LIC	170.36	31.60 dB	65227
WHER	MS	HEIDELBERG	257	50000	CLEAR CHANNEL BROADCASTING LICENSES, INC.	BLH19930114KC	C2	LIC	161.15	31.19 dB	52618
WJZB	MS	STARKVILLE	204	430	AMERICAN FAMILY ASSOCIATION, INC.	BLE19990805KA	A	LIC	41.61	31.6	78453
WJMI	MS	JACKSON	259	98000	URBAN RADIO OF MISSISSIPPI, L.L.C.	BLH7788	C	LIC	186.29	32.83 dB	50408
WYKK-FM	MS	QUITMAN	255	25000	QUITMAN BROADCASTING COMPANY	BLH19970827KC	C3	LIC	119.97	32.59 dB	54324
WJKK	MS	VICKSBURG	254	100000	NEW SOUTH RADIO, INC.	BLH19901113KF	C1	LIC	199.89	35.88 dB	8177
NEW	AL	YORK	258	10	EDGEWATER BROADCASTING INC.	BNPFT20030317BYT	D	APP	81.97	36.28 dB	150871
WBIP-FM	MS	BOONEVILLE	257	6000	CLEAR CHANNEL BROADCASTING LICENSES, INC.	BLH19911125KA	A	LIC	166.29	37.83 dB	71214
WJKK	MS	VICKSBURG	254	52000	NEW SOUTH RADIO, INC.	BPH20021205ABU	C1	CP	200.25	37.14 dB	8177
WMC-FM	TN	MEMPHIS	259	290000	INFINITY RADIO OPERATIONS INC.	BLH20001024ACF	C	LIC	254.86	39.61 dB	59449
NEW	MS	RIDGELAND	257	19	CALVARY CHAPEL OF TWIN FALLS, INC.	BNPFT20030310BJA	D	APP	166.97	39.43 dB	139929
WAHR	AL	HUNTSVILLE	256	100000	BCA RADIO, LLC	BPH20020617AAS	C	CP	257.77	39.80 dB	70501

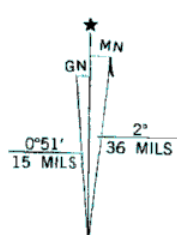


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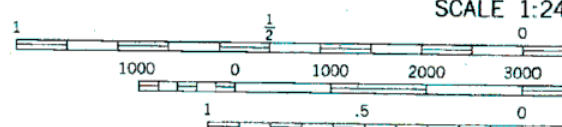
mmetric methods from aerial
 C. Field checked 1973
 ot grid ticks: Mississippi coordinate
 (verse Mercator)
 ansverse Mercator grid ticks,
 1927 North American datum

n which only landmark buildings are shown
 North American Datum 1983
 11 meters south and
 dashed corner ticks

compiled from aerial photographs taken 1981
 information not field checked. Map edited 1982



UTM GRID AND 1982 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL
 NATIONAL GEODETIC VERTICAL

THIS MAP COMPLIES WITH NATIONAL
 FOR SALE BY U.S. GEOLOGICAL SURV
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND

'Brooksville; MS'; Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640", 1 cm = 240Mt