

Exhibit 12  
Ellendale, TN

REFERENCE 35 08 45 N. CH# 249D - 97.7 MHz, Pwr= 0.013 kW, HAAT=139.7 M, COR= 219 M DISPLAY DATES  
89 48 48 W. Ave. F(50-10) 40 dBu= 24.5 54 dBu= 10.3 80 dBu= 1.9 100 dBu= .3 Average Protected F(50-50)= 7.3 km DATA 12-09-05  
SEARCH 12-13-05

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
251C1 Millington	WXMX	LIC TN C	319.8 139.8	1.25 BLH20001018ACK	35 09 16 89 49 20	100.000 266	358 9.5	69.6 Citadel Broadcasting Compa	-15.45*	-68.59*
249D Ellendale	W249BN	CP TN C	110.6 290.6	0.70 BMPFT20050808AGM	35 08 37 89 48 22	0.019 121	195 25.1	7.5 Educational Media Foundati	-31.48*	-30.54*
246C1 Memphis	WHRK	LIC TN CN	292.5 112.5	22.56 BLH5591	35 13 23 90 02 33	100.000 162	238 7.4	60.0 Cc Licenses, LI c	7.73	-37.71*
249C2 Trenton	WTNEFM	APP TN CX	51.0 231.0	106.44 BPH20031229ACC	35 44 40 88 53 50	50.000 154	269 138.3	52.8 Grace Broadcasting Servi ce	-38.60	31.27
249C2 Trenton	WTNEFM	APP TN CX	51.0 231.0	106.44 BPH20031229ACC	35 44 40 88 53 50	50.000 154	269 138.3	52.8 Gibson County Broadcasti ng	-38.60	31.27
249C1 Augusta	AL249	RSV AR	271.8 91.8	144.32	35 10 36 91 23 49	100.000 298	355 171.8	72.3 Norwal k	-34.81	47.44
249C1 Augusta	KJSMFM	LIC AR CX	271.8 91.8	144.32 BLED20040115ABF	35 10 36 91 23 49	100.000 139	196 153.1	57.0 Fami ly Worship Center Chur	-16.07	62.68
249C2 Trenton	WTNEFM	RSV TN	42.4 222.4	118.59	35 55 51 88 55 33	50.000 159	261 138.9	53.3 Grace Broadcasti ng Servi ce	-26.94	43.16
249C2 Trenton	WTNEFM	LIC TN NCX	37.7 217.7	132.55 BLH20040330ARZ	36 05 10 88 54 39	49.000 92	198 128.7	43.1 Grace Broadcasti ng Servi ce	-2.79	67.33
248C1 Oxford	WWMS	LIC MS CN	150.9 330.9	124.06 BLH19850712KC	34 10 05 89 09 23	100.000 287	422 103.8	71.3 San Dow Broadcasti ng, Inc.	13.28	42.87

ERP and HAAT are on direct line to and from reference station.  
 "\*\*\*affixed to 'IN' or 'Out' values = site inside protected contour.

Tower ID: 1038069

Coordinates (NAD27): 35-08-44.68 N, 089-48-47.69 W

Coordinates (NAD83): 35-08-45 N, 089-48-48 W

Status: Constructed

Structure Type: TOWER

Action Date: 09/24/2005

Construction Date: 08/17/1992

Location: 7434 RALEIGH LAGRANGE RD, MEMPHIS, TN

Height (AG): 186.00 m, Elevation: 99.00 m, Structure Height: 186.00 m

Circular Number: 70/7460-1H

FAA Number: 91-ASO-1532-OE    FAA Chapter: 4, 7, 13

Owner: HOBSON DEVELOPMENT COMPANY

Address:

CLIFF HUNT

38289

GERMANTOWN, TN 38183

Phone: (901) 754-5181

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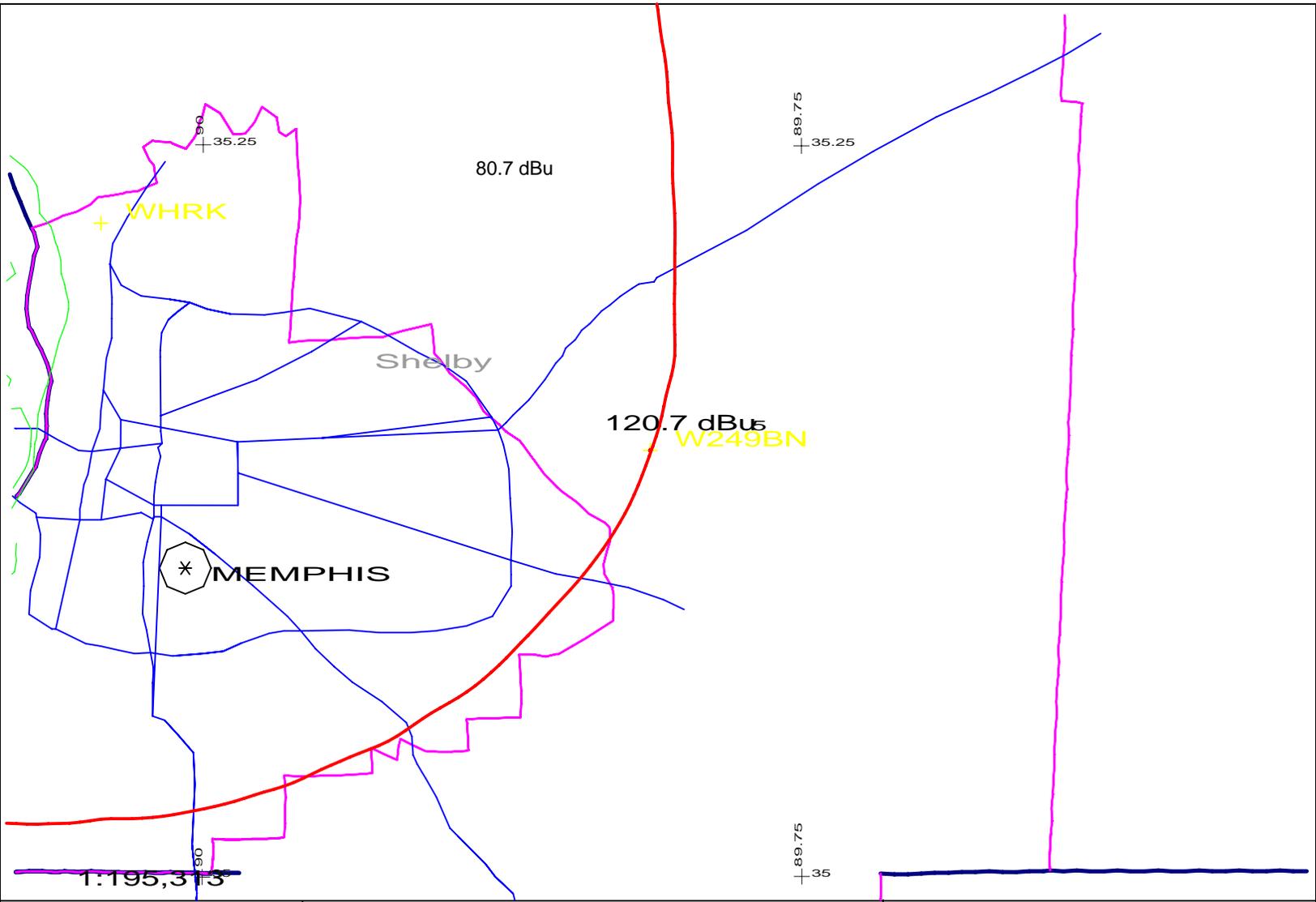
## **Exhibit 12 (Compliance with CFR 74.1204)**

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The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel station WHRK, channel 246C1, Memphis, TN. The predicted F(50-50) field strength of WHRK at the proposed translator site is 80.7 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 120.7 dBu. This interfering contour extends less than 23 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 120 meter level on a 186 meter tower).

To confirm the absence of population within the interference aperture, EMF has examined the attached topographic map, which indicates a lack of structures near the proposed tower, and therefore no structure which could be tall enough to enter the 23-meter interference aperture.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



W249BN 249D .013kW 219M AMSE12A  
 N. Lat. 35 08 45 W. Lng. 89 48 48

EMF - 12/05

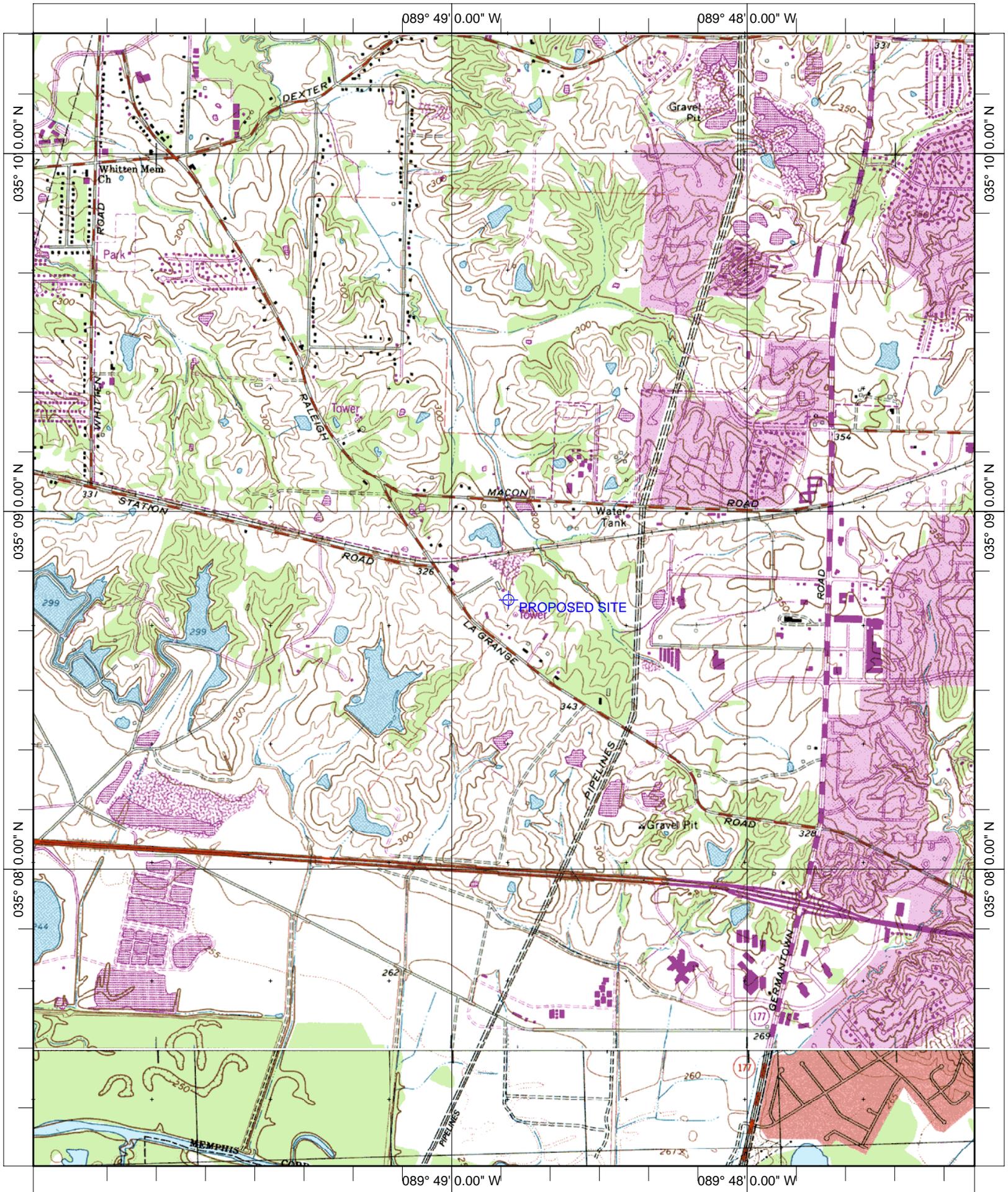
## **Exhibit 12 (Compliance with CFR 74.1204)**

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The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WXXM, channel 251C1, Willington, TN. The predicted F(50-50) field strength of WXXM at the proposed translator site is greater than 110 dBu. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 150 dBu. This interfering contour extends less than 3 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 120 meter level on a 186 meter tower).

To confirm the absence of population within the interference aperture, EMF has examined the attached topographic map, which indicates a lack of structures near the proposed tower, and therefore no structure which could be tall enough to enter the 3-meter interference aperture.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



Name: ELLENDALE  
 Date: 12/13/2005  
 Scale: 1 inch equals 2000 feet

Location: 035° 08' 45.2" N 089° 48' 49.3" W  
 Caption: Exhibit 12  
 Site at 35-08-45 / 89-48-48