

Exhibit 12
Ellendale, TN

REFERENCE CH# 249D - 97.7 MHz, Pwr= 0.019 kW, HAAT=115.1 M, COR= 195 M DISPLAY DATES
35 08 37 N Average Protected F(50-50)= 7.32 km DATA 02-28-05
89 48 22 W Ave. F(50-10) 40 dBu= 24.5 54 dBu= 10.3 80 dBu= 2.1 100 dBu= .3 SEARCH 03-03-05

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	WSRREFM	LIC C TN	309.4 129.4	1.90 BLH20001018ACK	35 09 16 89 49 20	100.000 270	358 9.6	69.9 Citadel Broadcasting Compa	-14.91*	-68.31*
249D Ellendale	W249BN	CP C TN	1.3 181.3	6.60 BNPFT20030807ABM	35 12 11 89 48 16	0.010 246	338 30.5	9.2 Educational Media Foundati	-31.09*	-26.73*
246C1 Memphis	WHRK	LIC CN TN	292.4 112.4	23.27 BLH5591	35 13 23 90 02 33	100.000 162	238 7.4	60.0 Clear Channel Broadcasting	8.41	-37.06*
249C2 Trenton	WTNEFM«	APP CX TN	50.7 230.7	106.08 BPH20031229ACC	35 44 40 88 53 50	50.000 154	269 138.3	52.8 Gibson County Broadcasting	-38.81	31.42
249C1 Augusta	KJSMFM«	CP CX AR	271.9 91.9	144.99 BPH20020222AAT	35 10 36 91 23 49	100.000 139	196 153.1	57.0 Family Worship Center Chur	-15.42	63.37
249C1 Augusta	AL249«	RSV AR	271.9 91.9	144.99	35 10 36 91 23 49	100.000 83	140 143.5	47.5	-5.86	72.90
249C2 Trenton	WTNEFM«	RSV TN	42.0 222.0	118.33	35 55 51 88 55 33	50.000 96	198 129.9	44.0 Grace Broadcasting Service	-17.99	52.87
249C2 Trenton	WTNEFM«	LIC NCX TN	37.4 217.4	132.34 BLH20040330ARZ	36 05 10 88 54 39	49.000 91	198 128.7	43.0 Grace Broadcasting Service	-2.77	67.85
248C1 Oxford	WWMS	LIC CN MS	151.1 331.1	123.53 BLH19850712KC	34 10 05 89 09 23	100.000 287	422 103.8	71.3 San Dow Broadcasting, Inc.	12.82	42.45

ERP and HAAT are on direct line to and from reference station.
 ***Affixed to 'IN' or 'Out' values = site inside protected contour.
 "«" = Station meets FCC minimum distance spacing for its class.

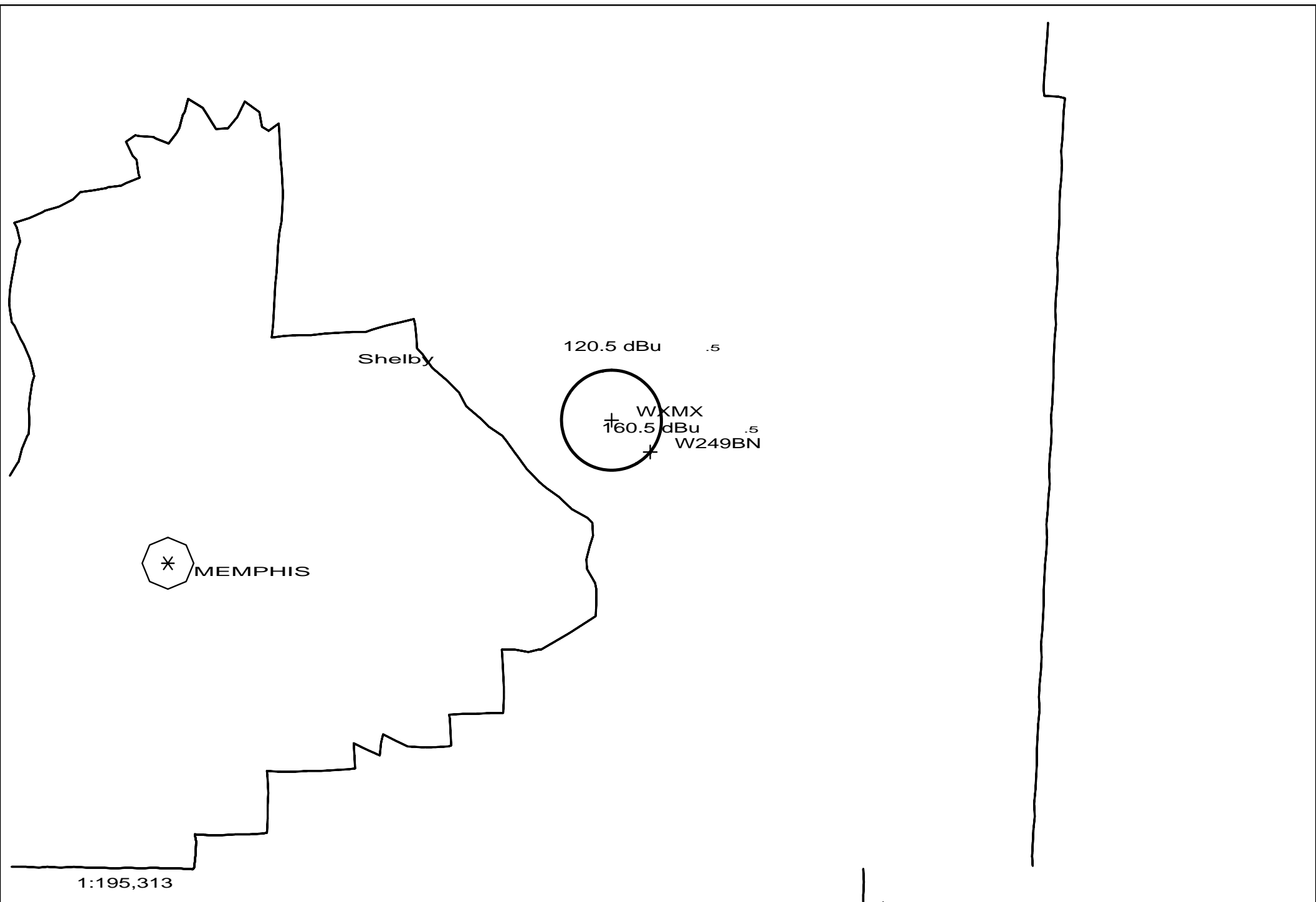
Request for Waiver of C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WSRR-FM (WXXM), channel 251C1, Millington, TN. The predicted F(50,50) field strength of WSRR-FM (WXXM) at the proposed translator site is 120.5 dBu (see Exhibit 12-A). Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 160.5 dBu. This interfering contour extends less than 0.3 meters from the proposed transmit antenna, and the area of overlap is unpopulated.

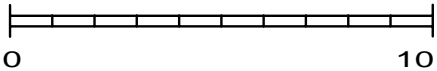
Two sources have been investigated to determine this absence of population:

1. Computer software which uses the centroid method of determining population centers, based on the 2000 Census data, has determined that there are no persons within the area of overlap.
2. Examination of the USGS topographic map reveals no regularly occupied structures within the area of overlap.

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



Scale in km



W249BN 249D .019kW 195M AMSL
N. Lat. 35 08 37 W. Lng. 89 48 22

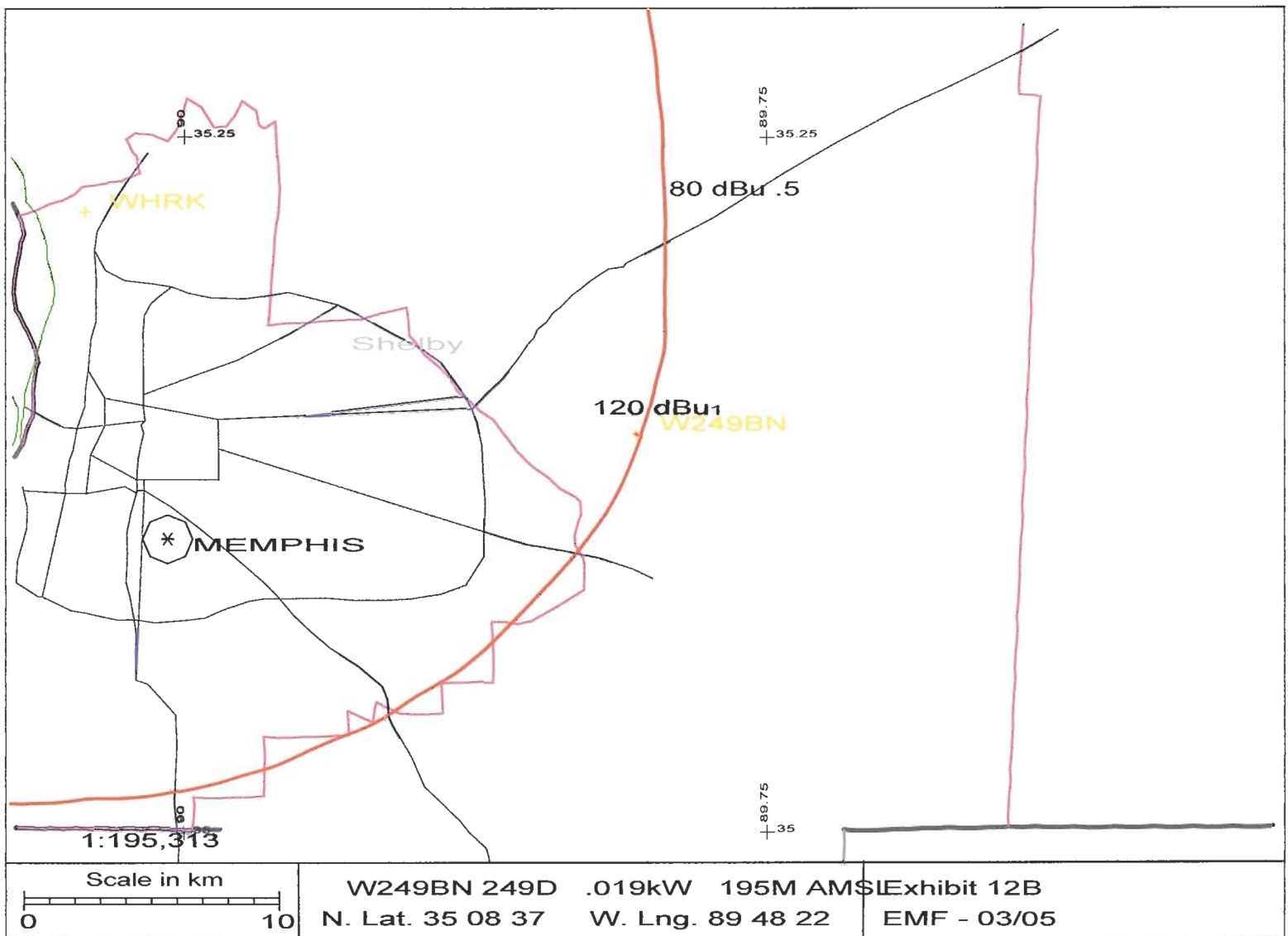
Exhibit 12-A
EMF - 08/05

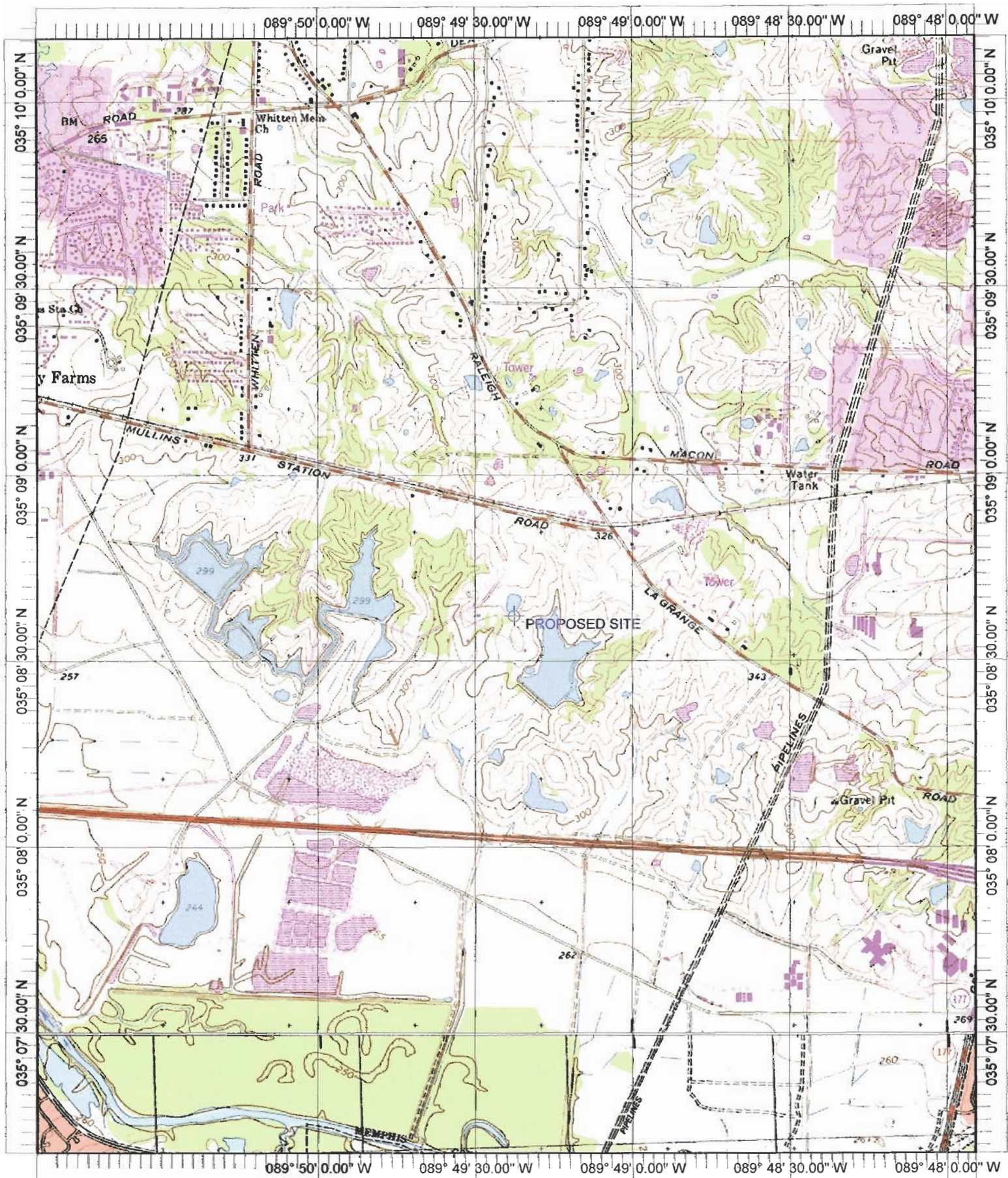
Exhibit 12 (Compliance with CFR 74.1204)

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 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 120 dBu. This interfering contour extends less than 31 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 100 meter level on a 140 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 31-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: 3/3/2005
 Scale: 1 inch equals 2000 feet

Location: 035° 08' 40.5" N 089° 49' 24.1" W
 Caption: Exhibit 12
 Site at 35-08-37 / 89-48-22

Tower ID: 1059943

Coordinates (NAD27): 35-08-36.68 N, 089-48-21.69 W

Coordinates (NAD83): 35-08-37 N, 089-48-22 W

Status: Constructed

Structure Type: TOWER

Action Date: 02/26/2005

Construction Date: 06/23/2000

Location: CITY OF, MEMPHIS, TN

Height (AG): 140.20 m, Elevation: 95.40 m, Structure Height: 140.20 m

Circular Number: 70/7460-IJ

FAA Number: 98-ASO-5432-OE FAA Chapter: 4, 6, 13

Owner: Pinnacle Towers LLC

Address:

301 North Cattlemen Road, Suite 300

Sarasota, FL 34232

Phone: (941) 364-8886

Internet Address: ComplianceDepartment@gsignal.com

Protected zones report for W249BN on channel 249 03-03-2005
N. Lat. 34 10 05 W. Lng. 89 09 23, ERP= 0.019 kw, HAAT= 115.1M

Facility okay with respect to Canada.
Facility okay with respect to Mexico.
Facility is okay with respect to AM station towers.
Facility is okay with respect to FCC monitoring stations.
Facility is okay toward West Virginia Quiet Zone.
Facility okay toward Table Mountain.

