

Exhibit 12  
Memphis, TN

REFERENCE 35 07 01 N. CH# 244D - 96.7 MHz, Pwr= 0.055 kW, HAAT=63.8 M, COR= 130 M DISPLAY DATES  
89 58 43 W. Ave. F(50-10) 40 dBu= 23.6 54 dBu= 10.1 80 dBu= 2.3 100 dBu= .5 Average Protected F(50-50)= 7.04 km DATA 08-20-05  
SEARCH 08-22-05

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*
244D Memphis	W244BY	CP C TN	327.8 147.8	1.42 BMPFT20050106ABV	35 07 40 89 59 13	0.038 46	134 18.1	5.5 Educational Media Foundati	-23.54*	-27.20*
246C1 Memphis	WHRK	LIC CN TN	333.8 153.8	13.13 BLH5591	35 13 23 90 02 33	100.000 159	238 7.3	59.6 Clear Channel Broadcasting	-1.03	-47.03*
241C3 Tunica	WYYL. A	APP ZCX MS	201.1 21.1	46.42 BPH20050617ABE	34 43 36 90 09 43	9.500 161	227 3.9	39.1 Flinn Broadcasting Corpora	36.51	6.79
241C3 Tunica	WYYL	LIC ZCN MS	201.1 21.1	46.42 BLH19980716KA	34 43 36 90 09 43	7.952 100	166 3.0	30.2 Flinn Broadcasting Corpora	37.41	15.71
241C3 Tunica	WYYL. A	APP ZCX MS	201.1 21.1	46.42 BPH20050617ABE	34 43 36 90 09 43	9.500 161	227 3.9	39.1 Flinn Broadcasting Corpora	36.51	6.79
242C1 Blytheville	KHLS	LIC NCX AR	5.8 185.8	87.21 BLH20020723AAB	35 53 56 89 52 48	100.000 135	207 6.7	56.4 Sudbury Services, Inc.	73.97	30.25
244A Bolivar	WMOD	LIC CN TN	81.2 261.2	100.15 BMLH19910730KC	35 15 00 88 53 28	3.000 102	223 76.3	24.4 Wmod, Inc.	18.04	56.25
244D Batesville	W244BN	CP C MS	172.8 352.8	88.84 BMPFT20041207ABK	34 19 21 89 51 23	0.120 36	117 21.3	6.4 Educational Media Foundati	62.03	64.38
243A Holly Springs	AL243	VAC MS	139.8 319.8	61.71 RM10221	34 41 32 89 32 33	6.000 111	236 45.8	29.7 Holly Springs Radio	10.08	23.69
244C2 Newport	KOKR	LIC CN AR	287.7 107.7	138.87 BLH19971020KD	35 29 16 91 26 13	40.000 210	271 140.4	56.2 Newport Broadcasting Compa	-8.46	59.34
244A Pontotoc	WSELFM	LIC HN MS	135.6 315.6	133.80 BLH3172	34 15 10 88 57 36	3.000 87	206 73.5	22.7 Ollie Collins, Jr.	54.50	91.75
243D Holly Springs	W243BB	CP C MS	130.2 310.2	64.26 BNPFT20030827ABV	34 44 34 89 26 30	0.010 150	308 10.0	7.1 Radio Assist Ministry, Inc	48.44	48.99

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

Protected zones report for W244BY on channel 244 08-22-2005  
Lat. 35 07 01 Lng. 89 58 43, ERP= 0.055 kw, HAAT= 63.8M  
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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.

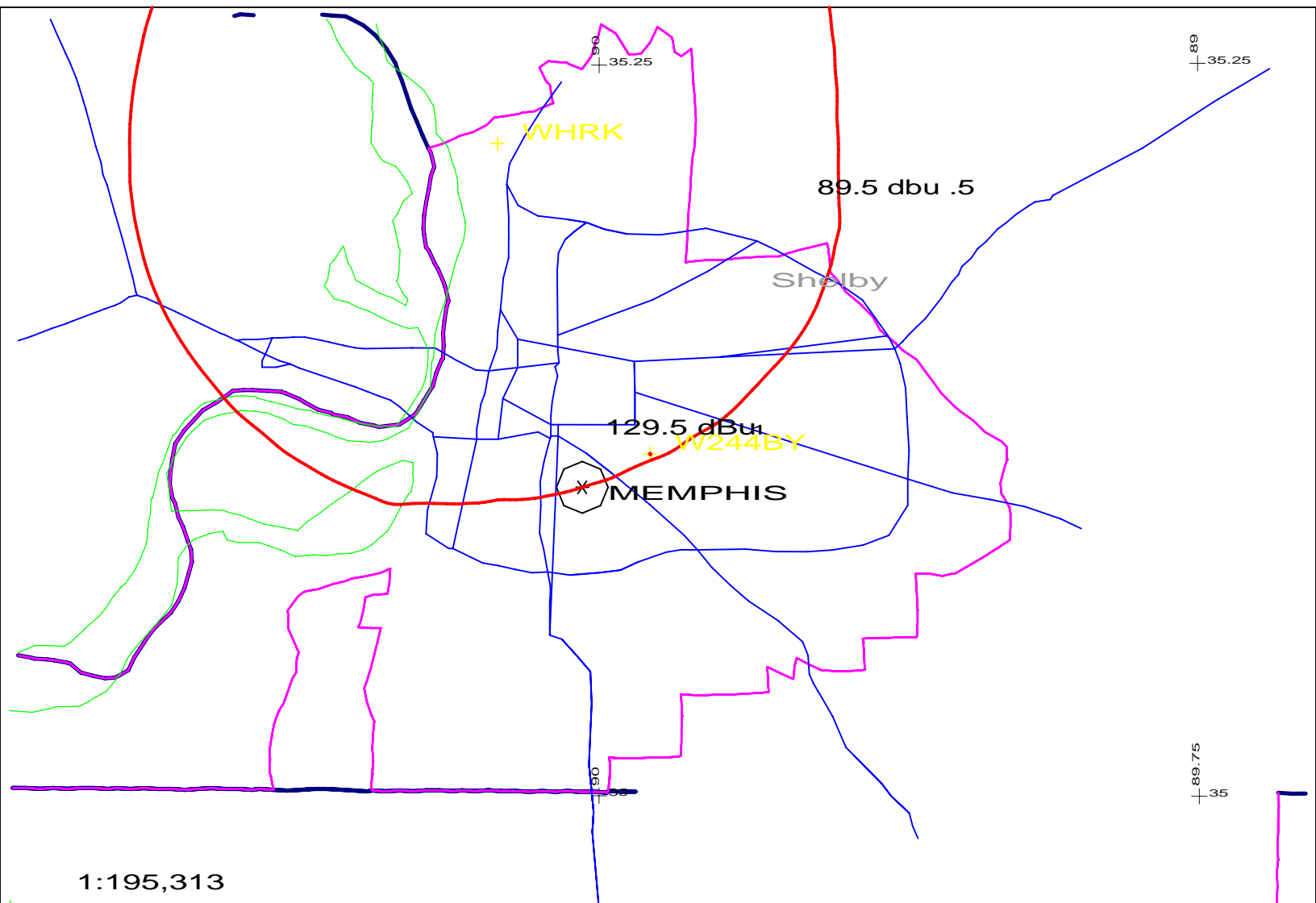
## **Exhibit 12 (Compliance with CFR 74.1204)**

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The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WHRK, channel 246C1, Memphis, TN. The predicted F(50-50) field strength of WHRK at the proposed translator site is 89.5 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 129.5 dBu. This interfering contour extends less than 17 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 40 meter level on a 46 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 17-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.



089° 59' 0.00" W

089° 58' 0.00" W

035° 08' 0.00" N

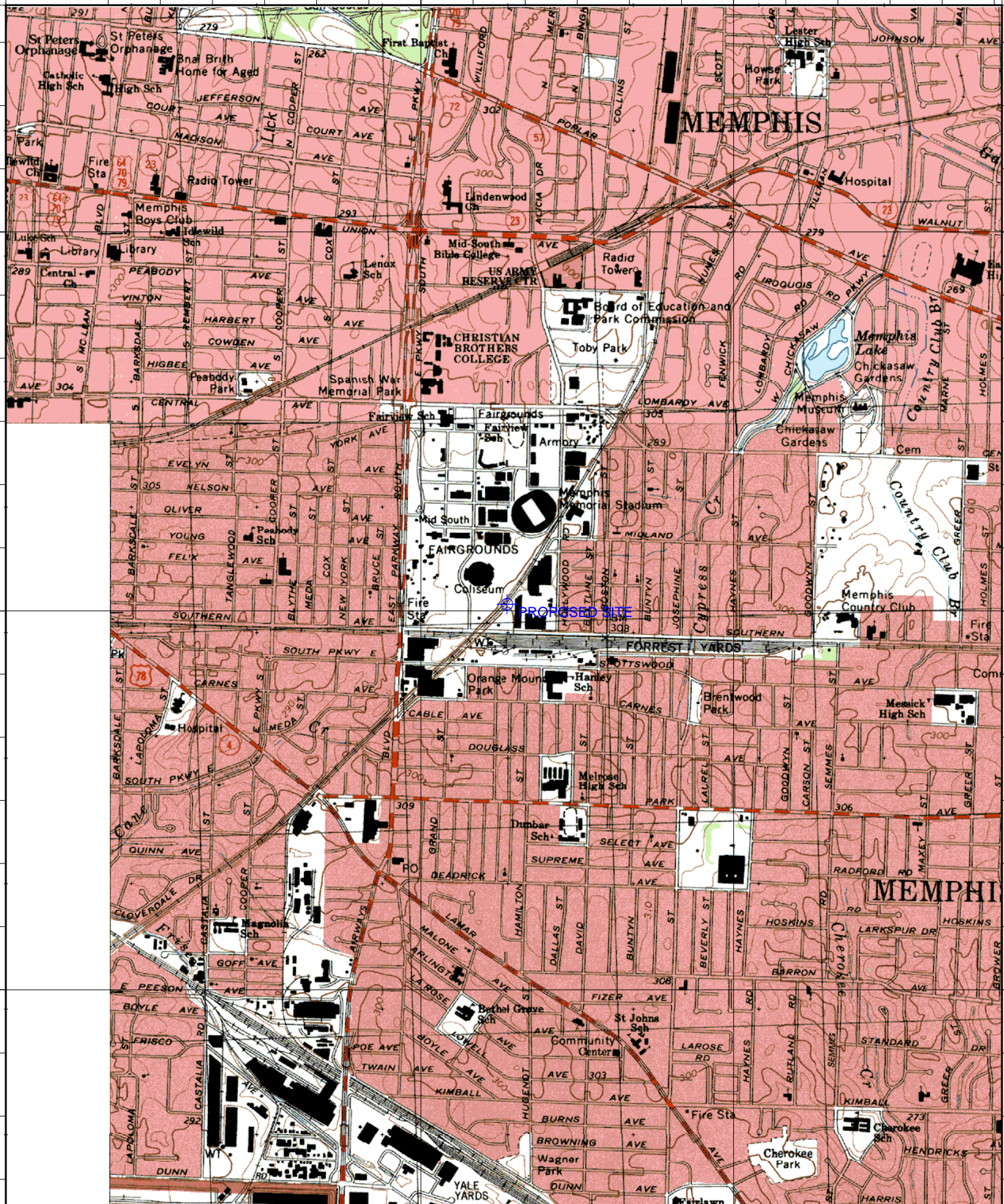
035° 08' 0.00" N

035° 07' 0.00" N

035° 07' 0.00" N

035° 06' 0.00" N

035° 06' 0.00" N



089° 59' 0.00" W

089° 58' 0.00" W

Name: SOUTHEAST MEMPHIS

Date: 8/22/2005

Scale: 1 inch equals 2000 feet

Location: 035° 07' 00.9" N 089° 58' 44.0" W

Caption: Exhibit 12

Site at 35-07-01 / 89-58-43

Tower ID: 1041181

Coordinates (NAD27): 35-07-00.68 N, 089-58-42.68 W

Coordinates (NAD83): 35-07-01 N, 089-58-43 W

Status: Constructed

Structure Type: TOWER

Action Date: 07/16/2005

Construction Date: 08/03/1996

Location: 2520 SOUTHERN AVENUE, MEMPHIS, TN

Height (AG): 50.30 m, Elevation: 89.90 m, Structure Height: 45.70 m

Circular Number: N/A

FAA Number: 96-ASO-2173-OE    FAA Chapter: NONE

Owner: CROWN CASTLE PT, INC.

Address:

REGULATORY DEPARTMENT

2000 Corporate Drive

Canonsburg, PA 15317

Phone: (724) 416-2000

Internet Address: Monica.Gambino@Crown castle.com

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