

Educational Media Foundation
5700 West Oaks Blvd, Rocklin, CA, 95843

Exhibit 12
Chattanooga, TN

REFERENCE CH# 290D - 105.9 MHz, Pwr= 0.01 kw, HAAT=221.3 M, COR= 435 M DISPLAY DATES
34 57 23 N Average Protected F(50-50)= 8.68 km DATA 06-18-03
85 17 32 W Ave. F(50-10) 40 dBu= 28.9 54 dBu= 12.2 80 dBu= 2.0 100 dBu= .2 SEARCH 06-23-03

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*
293C Chattanooga	WSKZ	LIC TN	354.1 174.1	22.90 BLH7303	35 09 42 85 19 06	100.000 495	721 0.2	86.4 Citadel Broadcasting Compa	1.67	-63.75*
290D Chattanooga	AP290	APP TN	0.0 180.0	0.00 BNPFT20030314AFE	34 57 23 85 17 32	0.010 191	435 28.9	8.0 Educational Media Foundati	-35.67*	-36.97*
288A Rossville	WRXRFM	LIC GA	344.5 164.5	0.10 BLH19941122KB	34 57 26 85 17 33	1.550 232	467 0.2	30.5 Capstar Tx Limited Partner	-11.19*	-30.65*
290A Centre	WRHY	LIC AL	207.8 27.8	94.38 BLH19930414KB	34 12 14 85 46 20	6.000 38	341 23.1	17.8 Williams Communications, I	15.28	53.53
291D Valley Brook	AP291	APP TN	12.1 192.1	27.18 BNPFT20030311AIX	35 11 45 85 13 45	0.010 197	402 12.4	8.2 Way-fm Media Group, Inc.	6.82	6.65
290A Centre	WRHY.C	CP AL	198.7 18.7	108.63 BMPH20030303ACR	34 01 44 85 40 18	0.530 354	535 24.7	29.3 Williams Communications, I	18.57	54.71
290C Nashville	WNRQ«	LIC TN	310.9 130.9	185.16 BLH19831212AN	36 02 08 86 50 56	100.000 380	611 19.8	78.2 Capstar Tx Limited Partner	-1.98	87.07
289C2 Canton	WLCL.C	CP GA	142.0 322.0	125.20 BPH20030205AAH	34 03 58 84 27 15	20.000 260	546 11.6	53.7 Cherokee Broadcasting Co.,	38.01	59.89
289C2 Canton	WLCL	LIC GA	142.0 322.0	125.29 BLH20000418AAV	34 03 55 84 27 14	16.500 273	559 11.6	52.8 Cherokee Broadcasting Co.,	39.38	60.80
287A Morrison	RADD	ADD TN	323.9 143.9	92.09	35 37 27 85 53 37	6.000 -364	0 0.2	15.8	83.37	76.12
289D Scottsboro	AP289	APP AL	245.0 65.0	80.89 BNPFT20030317CXB	34 38 50 86 05 34	0.010 299	492 5.3	10.1 Radio Assist Ministry, Inc	62.95	65.46
290L1 Coker Creek	AP290	APP TN	69.4 249.4	96.17 BNPL20010615AAL	35 15 20 84 18 08	0.100 -96	352 29.0	5.6 Coker Creek Village, Inc.	68.90	61.55
288D Scottsboro	AP288	APP AL	243.4 63.4	81.98 BNPFT20030317BXC	34 37 28 86 05 33	0.019 102	294 0.2	6.9 Radio Assist Ministry Inc.	77.63	74.87

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

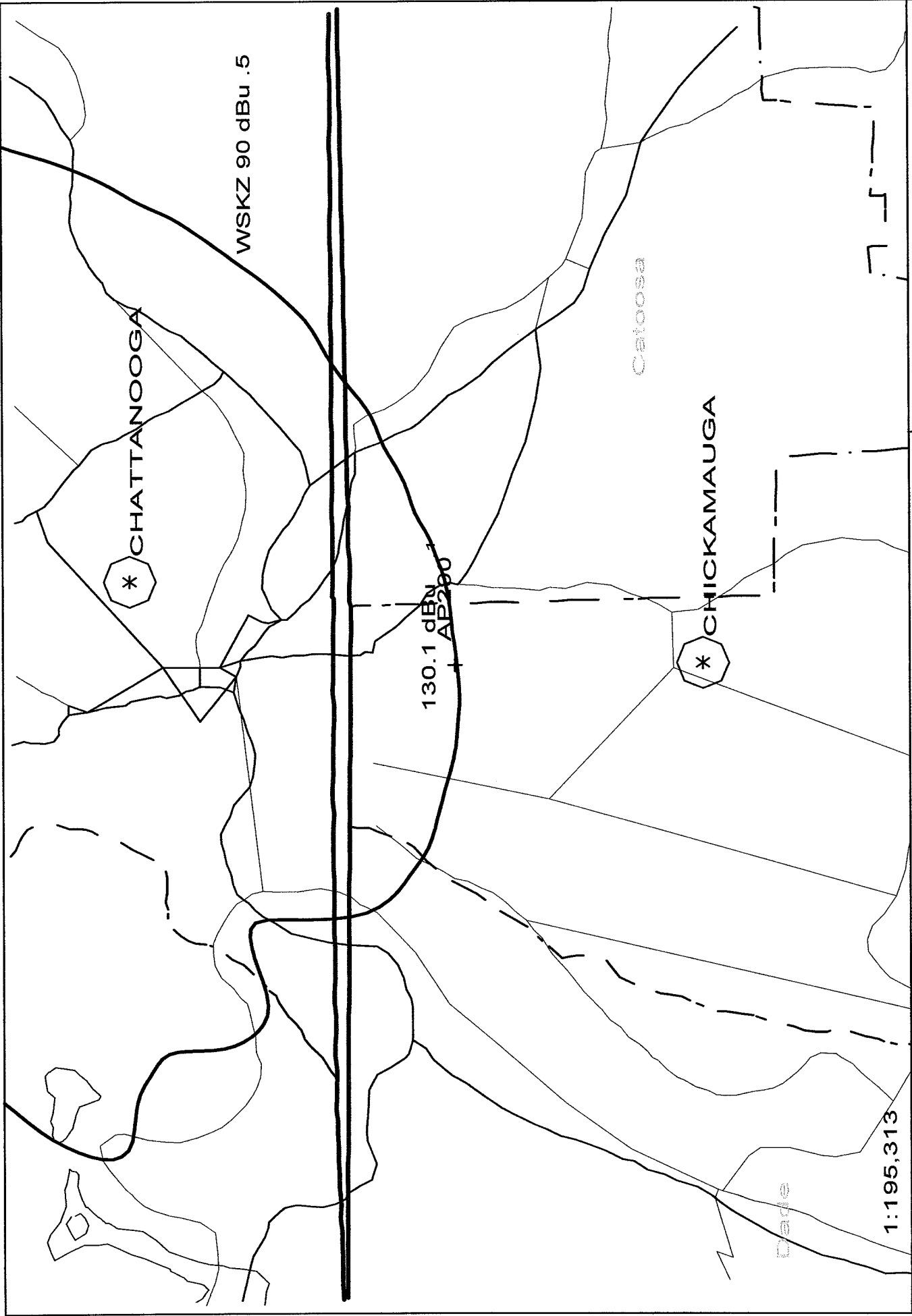
Exhibit 12 (Compliance with CFR 74.1204)

The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel station WSKZ, channel 293C, Chattanooga, TN. The predicted F(50-50) field strength of WSKZ at the proposed translator site is 90.0 dBu, *see Exhibit 12A*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 130.0 dBu. This interfering contour extends less than 7 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 99 meter level on a 130 meter tower).

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WRXR, channel 288A, Rossville, GA. The predicted F(50-50) field strength of WRXR at the proposed translator site is greater than 110 dBu. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is greater than 150.0 dBu. This interfering contour extends less than 1 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 99 meter level on a 130 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 7-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.



1:195,313

Scale in km



AP290 290D .01kW 435M AMSL

N. Lat. 34 57 23 W. Lng. 85 17 32

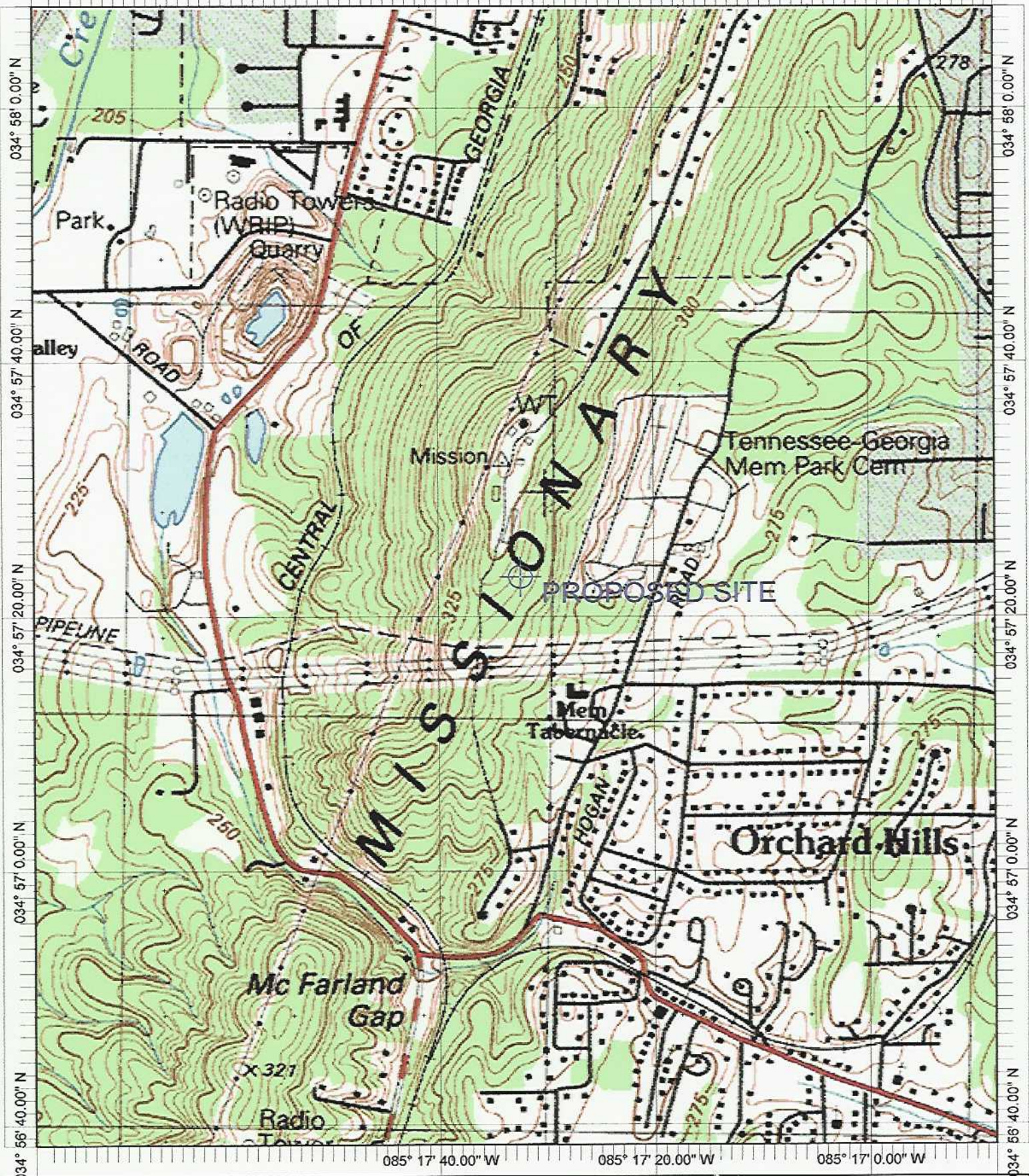
Exhibit 12A

- 07/03

085° 17' 40.00" W

085° 17' 20.00" W

085° 17' 0.00" W



Name: FORT OGLETHORPE
 Date: 11/6/2003
 Scale: 1 inch equals 1000 feet

Caption: Exhibit 12
 34-57-23 / 85-17-32