

Exhibit 12  
Springfield, OH

REFERENCE CH# 296D - 107.1 MHz, Pwr= 0.01 kw, HAAT=70.6 M, COR= 359 M DISPLAY DATES  
39 52 59 N Average Protected F(50-50)= 4.89 km DATA 08-16-03  
83 48 17 W Ave. F(50-10) 40 dBu= 15.6 54 dBu= 6.8 80 dBu= 1.6 100 dBu= .2 SEARCH 08-24-03

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*
296D Springfield	AP296	APP OH	C 301.0 121.0	5.59 BNPFT20030313AYM	39 54 32 83 51 39	0.010 132	451 14.1	6.7 Educational Media Foundati	-21.23	-15.19*
299B Dayton	WMMX	LIC OH	CX 242.8 62.8	39.05 BLH20020823AAW	39 43 19 84 12 36	28.000 189	467 0.4	63.8 Citicasters Licenses, L.p.	28.97	-25.20*
296A Circleville	WAZU«	LIC OH	CN 106.3 286.3	85.23 BLH19880324KC	39 39 52 82 51 04	3.000 145	361 10.2	28.5 Infinity Radio Operations	-1.18	46.61
295D Fairborn	WWSU	LIC OH	CN 243.1 63.1	24.69 BLED19820928AK	39 46 57 84 03 43	0.008 43	332 6.1	3.6 Wright State University	15.25	14.98
296B1 Milford	WKFS	LIC OH	NCN 215.3 35.3	104.12 BMLH19981125KA	39 06 59 84 30 07	2.800 269	483 18.2	43.0 Jacor Broadcasting Corpora	2.36	43.00
293B Greenville	WDJO	LIC OH	CN 293.4 113.4	74.74 BLH19901105KD	40 08 49 84 36 36	50.000 150	460 0.4	65.1 Citicasters Licenses, L.p.	64.26	9.17
297D Dayton	AP297	APP OH	C 247.4 67.4	36.06 BNPFT20030317AJM	39 45 28 84 11 36	0.080 48	298 6.3	6.7 The President & Trustees O	21.88	23.01
294B Hillsboro	WSRWF	LIC OH	CN 167.9 347.9	81.39 BLH19850911KA	39 09 58 83 36 25	50.000 68	388 0.4	50.1 Clear Channel Broadcasting	73.55	30.83
294B Hillsboro	RDEL	DEL OH		81.39	39 09 58 83 36 25	50.000 -320	0 0.4	36.1 74.90	44.83	
294D Dayton	AP294	APP OH	DC 247.8 67.8	34.69 BNPFT20030314BRN	39 45 53 84 10 47	0.000 37	287 0.2	0.0 Citicasters Licenses, L.p.	30.12	34.47
297D Drexel	AP297	APP OH	C 245.5 65.5	42.39 BNPFT20030313AXU	39 43 28 84 15 18	0.010 330	579 6.3	10.6 Educational Media Foundati	23.01	25.50
296A Delphos	WDOH	LIC OH	CN 336.4 156.4	115.20 BMLH19960807KB	40 49 55 84 21 11	3.300 85	329 12.8	22.9 Vogel Roach Corporation	36.65	79.54
295B Marion	WMRNFM	LIC OH	CN 35.0 215.0	99.42 BLH19970627KE	40 36 50 83 07 47	25.000 123	398 8.2	54.7 Citicasters Licenses, L.p.	31.07	36.56
295B Marion	RDEL	DEL OH		99.42	40 36 50 83 07 47	50.000 -275	0 8.2	36.1 50.00	55.14	
294B1 Dublin	RADD	ADD OH		82.69	40 09 20 82 54 12	25.000 -268	0 0.3	26.5 77.25	55.88	
298A Columbus	WCKX	LIC OH	CN 82.4 262.4	69.69 BLH19960213KB	39 57 46 82 59 46	1.900 115	368 0.2	23.3 Blue Chip Broadcasting Lic	64.46	46.19
293D Marysville	AP293	APP OH	DC 40.4 220.4	52.00 BNPFT20030314BQL	40 14 19 83 24 29	0.000 79	387 0.2	0.0 Citicasters Licenses, L.p.	48.19	51.78
296D Connersville	NEW		C 257.0 77.0	118.11	39 38 15 85 08 45	0.050 -282	0 15.6	4.7 Indiana Community Radio Co	98.22	97.83
296D Connersville	AP296	APP IN	C 257.0 77.0	118.11 BNPFT20030310AJT	39 38 15 85 08 45	0.050 14	296 15.6	4.7 Indiana Community Radio Co	98.22	97.83
296L1 Richmond	AP296	APP IN		80.86 BNPL20000608AAE	39 53 00 84 45 00	0.000 -336	0 15.6	0.0 New Creations Chapel, Inc.	75.97	65.27
294D Columbus	W294AH	LIC OH	CN 77.2 257.2	68.72 BLFT19990510UA	40 01 02 83 01 11	0.008 88	356 0.2	5.2 Sandyworld, Inc.	65.37	63.34
298A Fort Shawnee	WZRFXM	LIC OH	CN 344.8 164.8	89.93 BMLH19990331KC	40 39 50 84 05 07	3.000 83	382 0.2	22.1 Jacor Broadcasting Corpora	83.38	67.59
298A Fort Shawnee	WZRFXM	CP OH	CX 344.8 164.8	89.93 BPH20010515AAR	40 39 50 84 05 07	1.340 128	427 0.2	22.5 Jacor Broadcasting Corpora	83.60	67.21
296L1 Richmond	AP296	APP IN		96.70 BNPL20000605ACK	39 49 41 84 55 57	0.000 -324	0 15.6	0.0 Endtime, Inc.	91.82	81.12

\*\*\*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 WMMX, channel 299B, Dayton, OH. The predicted F(50-50) field strength of WMMX at the proposed translator site is 66.1 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is greater than 106.1 dBu. This interfering contour extends less than 110 meters from the proposed transmit antenna, and the area of overlap is unpopulated.

Two factors 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.

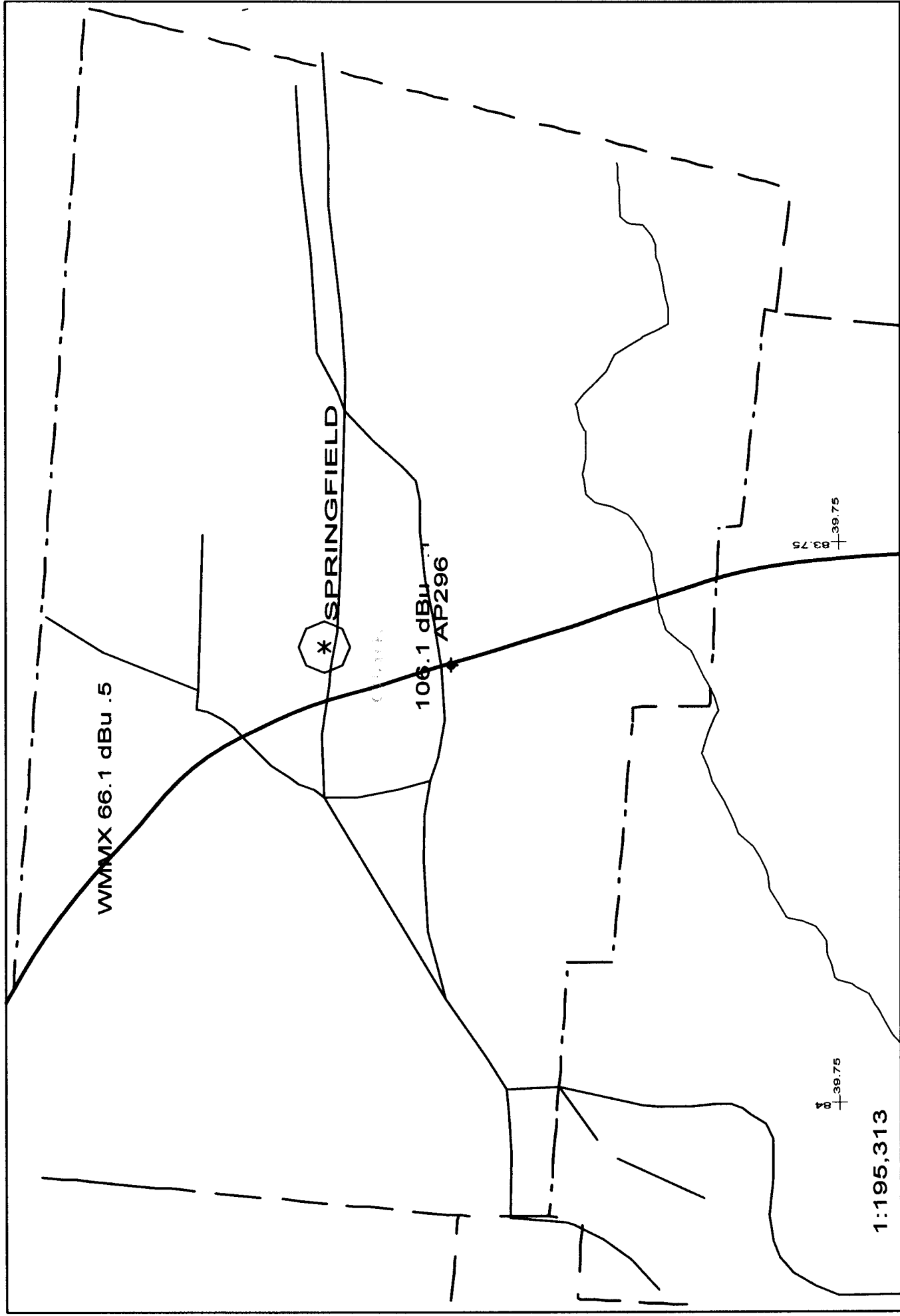


Exhibit 12A - 08/03	AP296 296D .01kW 359M AMSL N. Lat. 39 52 59 W. Lng. 83 48 17	Scale in km 0 10
------------------------	---	---------------------

