

Exhibit12  
Winston-Salem, NC

REFERENCE	CH# 260D - 99.9 MHz, Pwr= 0.013 kW, HAAT=0.0 M, COR= 352 M	DISPLAY DATES
36 12 16 N	Average Protected F(50-50)= 3.36 km	DATA 09-18-04
80 23 43 W	Ave. F(50-10) 40 dBu= 10.8 54 dBu= 4.8 80 dBu= 1.6 100 dBu= .3	SEARCH 09-23-04

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*
260D Winston-salem	AP260	APP C NC	90.0 270.0	0.03 BNPFT20030828BFD	36 12 16 80 23 42	0.013 77	352 17.7	5.4 Educational Media Foundati	-23.39*	-24.10*
260D Winston-salem	AP260	APP C NC	117.5 297.5	11.91 BNPFT20030317HZN	36 09 18 80 16 40	0.019 79	336 20.0	6.0 Educational Media Foundati	-13.90	-13.22
262C High Point	WVBZ	LIC CN NC	116.9 296.9	57.64 BLH19880805LB	35 58 09 79 49 29	100.000 306	554 10.2	72.9 Capstar Tx Limited Partner	41.58	-15.49*
262C High Point	RDEL	DEL NC	116.9 296.9	57.64	35 58 09 79 49 29	100.000 591	839 13.6	91.5 Capstar Tx Limited Partner	38.21	-34.11*
258C High Point	WMAG	LIC DCN NC	126.5 306.5	62.26 BMLH19900404KC	35 52 13 79 50 25	100.000 439	681 12.0	82.7 Capstar Tx Limited Partner	44.24	-20.65*
260D High Point	W260BG	CP C NC	139.2 319.2	42.80 BNPFT20030827AMS	35 54 46 80 05 04	0.014 93	339 20.2	6.1 Educational Media Foundati	16.49	16.45
260D Greensboro	AP260	APP C NC	102.8 282.8	58.62 BNPFT20030317HYV	36 05 09 79 45 38	0.010 134	391 22.5	6.7 Educational Media Foundati	30.32	32.87
260C3 Stanleytown	WZBB	LIC NCN VA	26.5 206.5	88.16 BLH19960311KF	36 54 50 79 57 07	3.600 255	586 99.2	38.5 Wnlb Radio, Inc.	-14.38	38.79
262C0 Liberty	RADD	ADD NC	106.1 286.1	87.93	35 58 57 79 27 29	100.000 438	652 12.0	82.5 Capstar Tx Limited Partner	70.15	5.13
262C0 High Point	WVBZ.C	CP CX NC	108.8 288.8	90.87 BPH20011009AAL	35 56 15 79 26 30	100.000 327	535 10.6	74.4 Capstar Tx Limited Partner	74.41	16.19
259C1 Kannapolis	WRFXXM«	LIC DCN NC	195.0 15.0	105.34 BLH19940128KC	35 17 14 80 41 45	65.963 331	522 102.5	70.5 Capstar Tx Limited Partner	-3.64	25.80
260D Burlington	AP260	APP C NC	97.9 277.9	87.47 BNPFT20030317GTB	36 05 36 79 25 59	0.027 50	279 17.3	5.3 Edgewater Broadcasting, In	64.57	63.66
260D Siler City	W260BF	CP C NC	123.0 303.0	94.86 BNPFT20030827AMU	35 44 12 79 30 54	0.019 72	264 19.0	5.8 Educational Media Foundati	69.92	69.56
261D Wilkesboro	AP261	APP C NC	258.0 78.0	67.52 BNPFT20030311ABR	36 04 34 81 07 43	0.010 256	705 13.1	9.3 Cumberland Communities Com	48.43	49.74
263D Martinsville	W263AZ	LIC C VA	41.2 221.2	73.46 BLFT20040712AAU	36 42 00 79 51 07	0.003 154	440 0.1	5.2 Positive Alternative Radio	68.60	68.03

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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.

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

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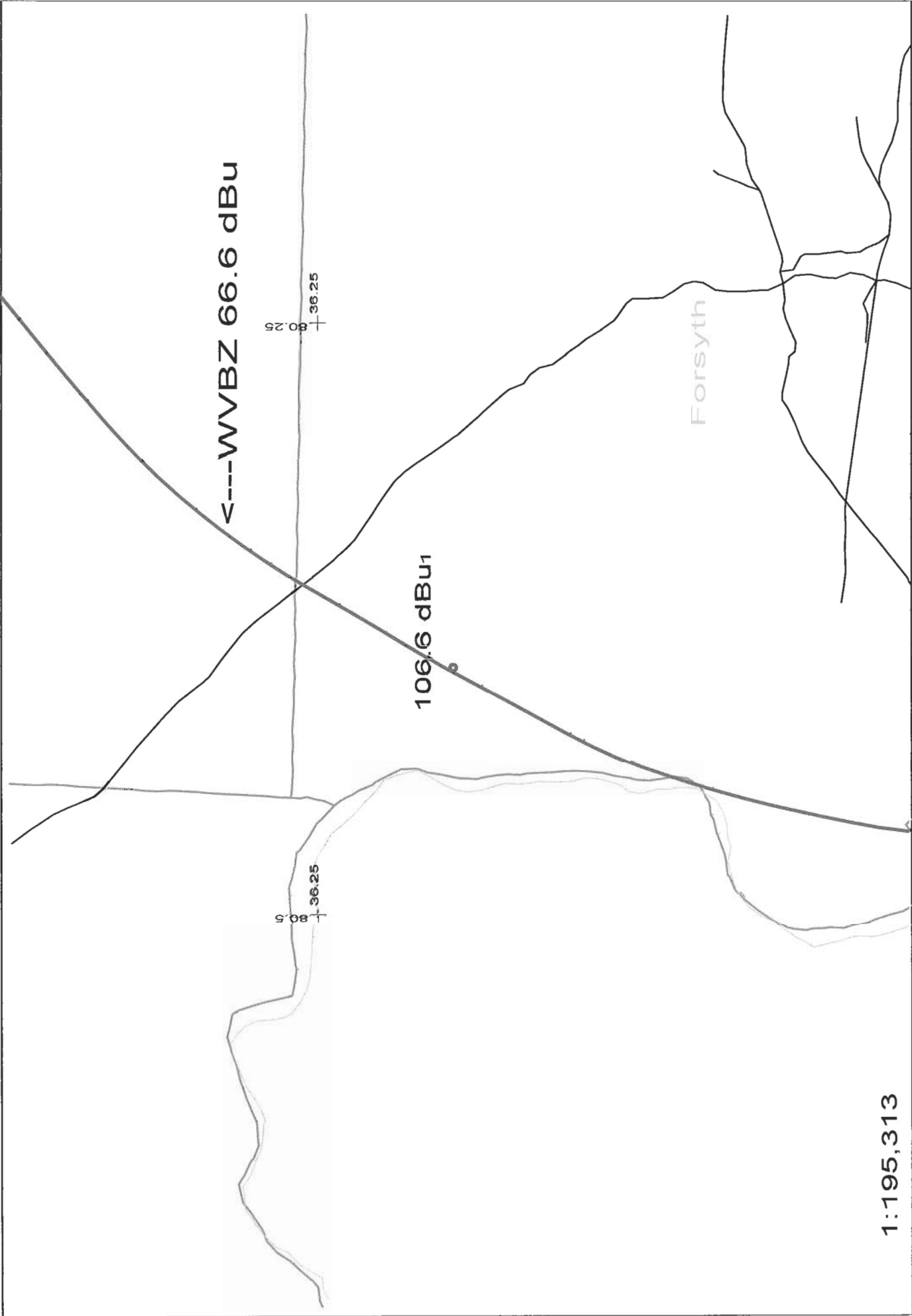
The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WVBZ, channel 262C, High Point, NC. The predicted F(50-50) field strength of WVBZ at the proposed translator site is 66.6 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 106.6.dBu. This interfering contour extends less than 119 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.



1:195,313

Scale in km



AP260 260D .013kW 352M AMSL Exhibit 12A

N. Lat. 36 12 16 W. Lng. 80 23 43 EMF - 09/04

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

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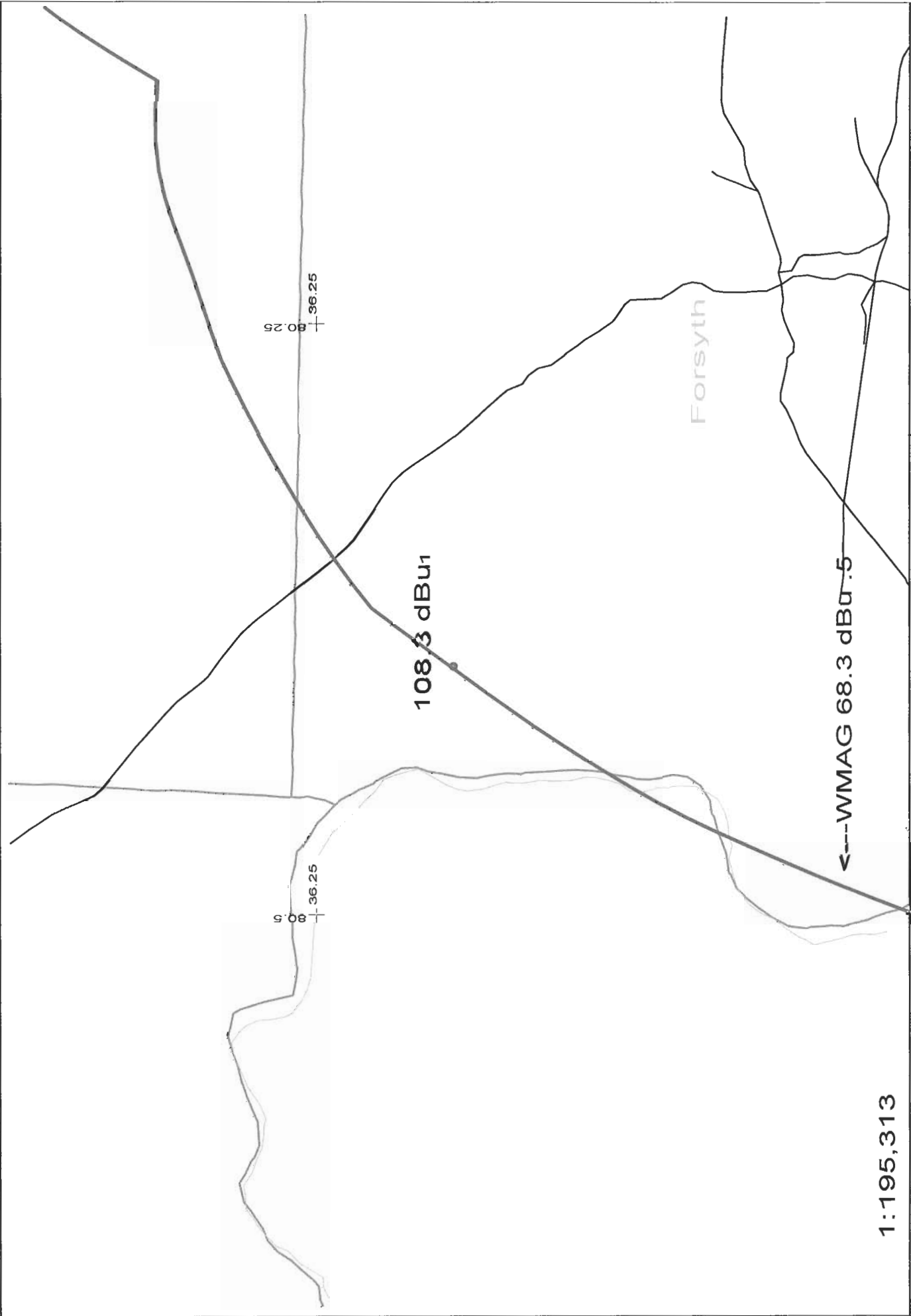
The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WMAG, channel 258C, High Point, NC. The predicted F(50-50) field strength of WMAG at the proposed translator site is 68.3 dBu, *see Exhibit 12B*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 108.3.dBu. This interfering contour extends less than 97 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.

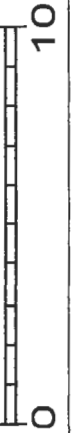
2) Examination of the USGS topographic map reveals no regularly occupied structures within the area of overlap.

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



1:195,313

Scale in km



AP260 260D .013kW 352M AMSL	Exhibit 12B
N. Lat. 36 12 16 W. Lng. 80 23 43	EMF - 09/04



