

Exhibit 12  
St. Albans, WV

REFERENCE 38 21 59 N 81 49 06 W	CH# 288D - 105.5 MHz, Pwr= 0.01 kw, HAAT=186.0 M, COR= 380 M Average Protected F(50-50)= 7.92 km Ave. F(50-10) 40 dBu= 26.7 54 dBu= 11.3 80 dBu= 1.9 100 dBu= .2	DISPLAY DATES DATA 06-18-03 SEARCH 06-21-03
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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*	
288D St Albans	AP288	APP WV	C 314.9 134.9	3.72 BNPFT20030314BRP	38 23 24 81 50 55	0.170 -16	250 24.1	6.4 Educational Media Foundati	-24.91*	-26.81*	
286B St. Albans	WKLCFM	LIC WV	CN 303.3 123.3	11.05 BLH19840113AC	38 25 15 81 55 27	3.600 506	740 0.4	66.4 wklc, Inc.	0.61	-55.79*	
290B Mount Hope	WTNJ	LIC WV	CN 134.2 314.2	76.34 BLH19800610AF	37 53 12 81 11 40	50.000 222	799 0.4	72.6 West Virginia Broadcasting	63.30	3.34	
288A Athens	WXTQ	LIC OH	CN 347.9 167.9	112.29 BLH19971212KE	39 21 18 82 05 32	6.000 82	344 23.7	25.7 Wath, Inc.	21.80	62.86	
288A Richwood	ALLO	VAC WV		97.4 277.4	113.74	38 13 42 80 31 48	6.000 -767	0 25.3	15.8	37.93 72.67	
289C3 Greenup	WLGCFM	LIC KY	C 286.1 106.1	94.06 BLH20000110AAK	38 35 44 82 51 22	12.500 151	355 9.3	40.2 Greenup County Broadcastin	27.64	44.60	
288A Richlands	WGTHFM	LIC VA	CN 178.2 358.2	134.46 BLH19791119AE	37 09 20 81 46 11	0.450 216	977 24.5	22.2 High Knob Broadcasters, In	60.20	87.80	
289L1 Spencer	WMCC-L	CP WV		42.7 222.7	64.70 BNPL20010611ACO	38 47 35 81 18 45	0.036 34	322 9.7	4.6 Radio 7 Company	51.34	50.44
291A Elizabeth	WRZZ	LIC WV	CN 20.4 200.4	94.48 BLH19970113KA	39 09 48 81 26 12	3.000 138	395 0.2	27.8 Clear Channel Broadcasting	85.07	66.46	
290D Middleport	AP290	APP OH	C 345.9 165.9	79.24 BNPFT20030310AJH	39 03 30 82 02 31	0.013 114	327 0.2	6.7 Positive Alternative Radio	71.84	72.35	
289D Williamson	AP289	APP WV	C 207.1 27.1	86.93 BNPFT20030314ATL	37 40 09 82 16 09	0.250 102	457 9.5	13.0 East Kentucky Broadcasting	60.73	64.41	

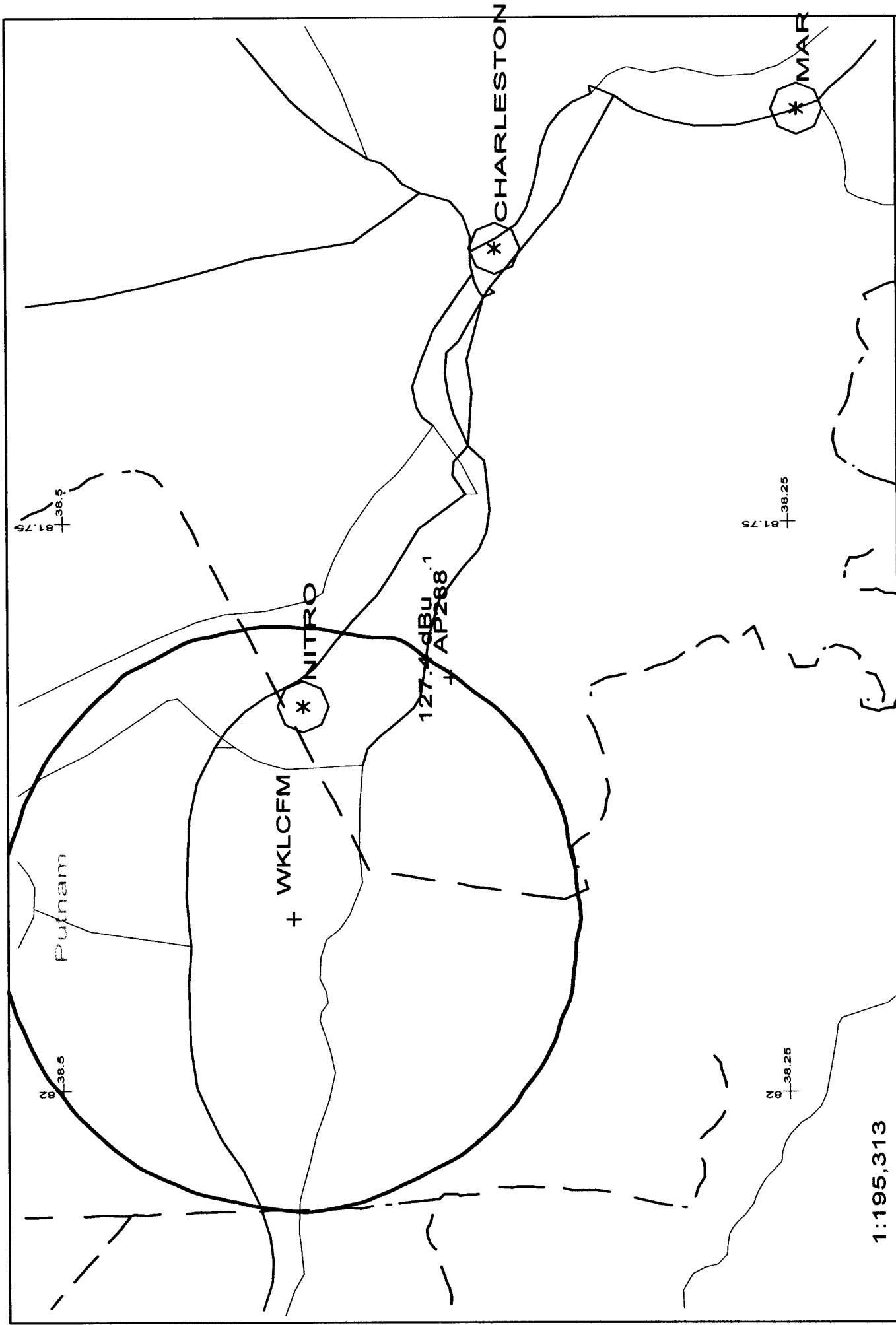
\*\*\*Affixed to 'IN' or 'Out' values = site inside protected contour.  
ERP and HAAT are on direct line to and from reference station.

## **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 WKCL, channel 286B, St, Albans, WV. The predicted F(50-50) field strength of WKCL at the proposed translator site is 87.4 dBu, *see Exhibit 12A*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 127.4 dBu. This interfering contour extends less than 10 meters from the proposed transmit antenna, and the area of overlap does not reach the ground.

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



AP288 288D .01kW 380M AMSL

N. Lat. 38 21 59 W. Lng. 81 49 06

Exhibit 12A

- 06/03