

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 13

New Albany, IN

Channel Study

REFERENCE		CH# 205D - 88.9 MHz, Pwr= 0.08 kW, HAAT= 18.2 M, COR= 177 M								DISPLAY DATES	
38 15 36.0 N.		Average Protected F(50-50)= 5.3 km								DATA 04-17-19	
85 48 15.0 W.		Omni-directional								SEARCH 04-17-19	
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY			STATE	<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
207B	WFPL	LIC	CN	345.1	12.09	38 21 55.0	21.000	6.4	56.7	0.4	-45.2*
Louisville			KY	165.0	BLED19981005KB	85 50 24.0	236	426	Kentucky Public Radio, Inc		
205C1	WKYU-FM	LIC	CX	209.6	149.12	37 05 23.0	100.000	166.1	67.3	-24.2*	57.5
Bowling Green			KY	29.1	BMLD20070507AFC	86 38 05.0	219	383	Western Kentucky Universit		
205D	W205BT!	LIC	C	345.1	12.09	38 21 55.0	0.010		---	Reference---	
New Albany			IN	165.0	BLFT20090615AEY	85 50 24.0	195	385	Educational Media Foundati		
205C1	WEKU	LIC	CN	107.7	136.43	37 52 45.0	50.000	146.1	58.6	-15.3*	59.3
Richmond			KY	288.6	BMLD19990407KA	84 19 33.0	219	482	Eastern Kentucky Universit		
203C2	WJIE-FM	LIC	DEN	170.2	25.56	38 01 59.0	24.500	1.7	23.6	18.3	1.3
Okolona			KY	350.2	BLED19871208KE	85 45 16.0	190	362	Evangel Schools, Inc.		
205A	WMYJ-FM	LIC	CX	325.1	98.81	38 59 14.0	5.200	78.3	22.9	15.2	58.5
Oolitic			IN	144.7	BMLD20120710AAT	86 27 31.0	78	277	Spirit Educational Radio,		
204D	W204CP	LIC	C	56.5	39.70	38 27 23.0	0.010	10.7	7.5	22.9	23.5
Westport			KY	236.7	BLFT20140107ALB	85 25 28.0	157	368	Calvary Chapel Of Twin Fal		
202A	WARA-FM	LIC	CX	38.1	47.31	38 35 40.0	0.950	1.5	17.0	40.1	29.7
New Washington			IN	218.3	BLED20051216ACB	85 28 06.0	91	296	Educational Media Foundati		
205A	WMWX	LIC	DCX	31.6	138.85	39 19 18.0	4.600	71.6	22.0	60.8	95.1
Miamitown			OH	212.1	BLED20060818AAA	84 57 33.0	114	381	Spryex Communications, Inc		
206C3	WKCX	LIC	DCN	58.1	113.26	38 47 30.0	10.000	39.8	25.9	67.0	78.1
Crittenden			KY	238.8	BLED20110325AAH	84 41 44.0	90	314	Spryex Communications, Inc		
06 --	W06AY-D«										
Lebanon		LI	D N	144.7	91.48	37 35 11.8	0.300	5.3	11.7	17.0R	74.5M
			KY	325.1	BLDVL-20120103ACV	85 12 15.2	-999	337			

Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM,
M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone= East Zone,
Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni),
Polarization (C,H,V,E), Beamtilt(Y,N,X)
***affixed to 'IN' or 'OUT' values = site inside restricted contour.

Compliance with C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WFPL, channel 207B, Louisville, KY. According to 74.1204(a)(3), in order to protect second and third adjacent facilities, the difference in dBu between the two facilities must not exceed 40dBu.

The proposed ERP for W205BT.P:	80 watts
The proposed COR for W205BT.P:	40 meters
WFPL F(50/50) contour at proposed site:	90.0 dBu
The F(50/10) contour of proposed W205BT.P	130.0 dBu
The predicted distance to W205BT.P interference contour:	19.9 meters

The signal is predicted to not reach the ground or any regularly occupied structure.

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