

EXHIBIT 13-1

FM TRANSLATOR ALLOCATION STUDY W240DL MINOR AMENDMENT TO ANTENNA SYSTEM

CDBS 02172017

Search of channel 300 (107.9 MHz Class D) at 42-23-21.9 N, 83-08-53.3 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WGPR	DETROIT	MI	298	B	7.68	0.00	117.3	-40.90 dB 1
SHORTSP.ALLOT.	WINDSOR	ON	300	A	11.49	0.00	135.0	-32.36 dB 2
WXYT-FM	DETROIT	MI	246	B	11.39	15.00	335.7	-3.6 3
FM ALLOTMENT	WINDSOR	ON	300	A	14.62	0.00	128.1	-2.01 dB 2
WCRZ	FLINT	MI	300	B	74.48	0.00	332.0	2.14 dB
W300CO	DEXTER	MI	300	D	58.49	0.00	255.4	6.22 dB
WVAC-FM	ADRIAN	MI	300	D	93.21	0.00	234.3	15.69 dB
WMLZ-LP	TEMPERANCE	MI	300	LP100	78.25	24.00	207.9	16.24 dB
WRKR	PORTAGE	MI	299	B	183.12	0.00	261.6	28.37 dB
WNWV	ELYRIA	OH	297	B	156.53	0.00	142.3	29.40 dB
WENZ	CLEVELAND	OH	300	B	185.41	0.00	123.1	31.01 dB
WPFX-FM	LUCKEY	OH	299	A	113.46	0.00	199.8	31.60 dB
WBL-FM	GREENVILLE	MI	297	B	193.46	0.00	292.0	33.94 dB
WJUC	SWANTON	OH	297	A	103.85	0.00	217.0	36.63 dB
WJFX	NEW HAVEN	IN	300	A	220.08	0.00	227.0	37.22 dB
W299CJ	OBERLIN	OH	299	D	146.90	0.00	147.8	44.14 dB
WRSW-FM	WARSAW	IN	297	B	258.40	0.00	240.7	46.08 dB
W300CB	CAMBRIDGE	OH	300	D	289.77	0.00	153.8	48.53 dB
WMMX	DAYTON	OH	299	B	309.37	0.00	197.0	49.37 dB

NOTES

1. WGPR SIGNAL AT PROPOSED TRANSLATOR SITE IS 93.5 dBu AND THE INTERFERING CONTOUR IS 133.5 dBu. PLEASE SEE 74.1204 WAIVER NARRATIVE IN EXHIBIT 13.
2. PLEASE REFER TO EXHIBIT 13-3. THIS PROPOSAL HAS BEEN COORDINATED WITH THE INTERNATIONAL BRANCH.
3. ERP REDUCED TO LESS THAN 100 WATTS TO COMPLY WITH FCC RULES.

A WAIVER OF 74.1204 IS REQUESTED IN REGARD TO PROTECTION OF WGPR BASED ON THE USE OF FREE SPACE METHODOLOGY. IT IS DEMONSTRATED HEREIN THAT THERE WILL BE NO INTERFERENCE TO WGPR.