

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 42 - 58' 57.4" - LONGITUDE: 85 - 39' 54.5"
CHANNEL: 247 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
245	96.9	WLAV-FM	GRAND RAPIDS	MI B	13.1	67.0	-53.9	64.0
: RADIO LICENSE HOLDING CBC, LLC								
247	97.3	WRNW	MILWAUKEE	WI B	184.9	112.0	72.9	275.1
: CAPSTAR TX LLC								
247	97.3	WDEE-FM	REED CITY	MI A	88.8	67.0	21.8	2.5
: STEVEN V. BEILFUSS								
248	97.5	WWSN	WHITEHALL	MI A	69.8	56.0	13.8	310.0
: RADIO LICENSE HOLDING CBC, LLC								
248	97.5	WYDM	MONROE	MI D	218.1	13.0	205.1	122.2
: MONROE PUBLIC ACCESS CABLE TELEVISION, INC.								
248	97.5	WJIM-FM	LANSING	MI B	101.2	97.0	4.2	109.3
: RADIO LICENSE HOLDING CBC, LLC								
250	97.9	WGRD-FM	GRAND RAPIDS	MI B	20.8	0.0	20.8	176.4
: TOWNSQUARE MEDIA OF GRAND RAPIDS, INC.								
* Does not meet third adjacent channel spacing under LCRA Sect 7.								

Prepared based on FCC data - close of business 08/16/2013

LPFM SECOND ADJACENT CHANNEL WAIVER STUDY

Grand Rapids, MI
Channel 247L1 (97.3 MHz)

Based on a study performed by Michelle Bradley of REC Networks, it has been determined that this proposed site qualifies for a second adjacent waiver as specified in Section 73.807(e) of the Commission's Rules.

Station WLAV-FM (Facility ID 41680) operates on Channel 245B and is located 13.1 km from the proposed LPFM site. WLAV-FM operates 50kW at 168 meters effective height above average terrain towards the LPFM site. WLAV-FM places an 87.346 dBu (F50, 50) signal strength at the proposed LPFM site.

Using the U/D method, we have determined that the prohibited overlap goes as far as the 127.346 dBu (F50, 10) interference contour of the proposed LPFM station. This contour is located at 30 meters from the radiation center of the antenna.

The radiation center of the LPFM antenna is 33 meters above ground. From the radiation center in all directions, there are no occupied buildings or major highways. The predicted interference will never reach the ground.

Therefore, REC submits that the proposed LPFM station will not create any interference to existing or potential listeners of second adjacent channel station WLAV-FM.

Report completed by
Michelle Eyre Bradley
Founder, REC Networks