

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 28 - 33' 51.0" - LONGITUDE: 81 - 11' 20.8"
CHANNEL: 241 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
238	95.5	W238AM	TITUSVILLE	FL D	37.5	0.0	37.5	80.7
: MIMS COMMUNITY RADIO, INC.								
238	95.5	WNDD	SILVER SPRINGS	FL A	115.4	0.0	115.4	313.8
: OCALA BROADCASTING CORPORATION, L.L.C.								
238	95.5	WLDI	JUNO BEACH	FL C1	178.2	0.0	178.2	153.7
: CLEAR CHANNEL BROADCASTING LICENSES, INC.								
238	95.5	WCPL-LP	MERRITT ISLAND	FL L1	53.0	0.0	53.0	115.8
: DAVID CRAWFORD								
238	95.5	W238AM	TITUSVILLE	FL D	37.5	0.0	37.5	80.7
: MIMS COMMUNITY RADIO, INC.								
239	95.7	WHOG-FM	ORMOND-BY-THE-SEA	FL C3	75.4	40.0	35.4	8.5
: SOUTHERN STONE COMMUNICATIONS, LLC								
239	95.7	WLPM-LP	CHRISTMAS	FL L1	6.3	0.0	6.3	117.2
: ORANGE BLOSSOM COMMUNITY MEDIA ASSOCIATION								
240	95.9	WSJZ-FM	SEBASTIAN	FL C3	99.7	67.0	32.7	146.1
: CUMULUS LICENSING LLC								
240	95.9	WSJZ-FM	SEBASTIAN	FL C3	97.2	67.0	30.2	140.4
: CUMULUS LICENSING LLC								
240	95.9	W240BV	ORLANDO	FL D	22.9	21.0	1.9	281.6
: CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.								
: 99 watts at 143m HAAT = 12.221 km service contour								
241	96.1	WEJZ	JACKSONVILLE	FL C0	199.9	122.0	77.9	347.4
: RENDA BROADCASTING CORP. OF NEVADA								
241	96.1	WRXK-FM	BONITA SPRINGS	FL C	241.3	130.0	111.3	190.3
: WRXK LICENSE LIMITED PARTNERSHIP								
241	96.1	W241BP	KISSIMMEE	FL D	29.2	26.0	3.2	221.3
: BIBLE BROADCASTING NETWORK, INC.								
: 19 watts at 107m HAAT = 7.066 km service contour								
241	96.1	WTMP-FM	DADE CITY	FL A	108.8	67.0	41.8	264.8
: SCOTT SAVAGE, RECEIVER								
243	96.5	WDBO-FM	ORLANDO	FL C	13.2	93.0	-79.8	87.8
: COX RADIO, INC.								
244	96.7	W244BJ	FROSTPROOF	FL D	88.4	0.0	88.4	205.3
: REACH COMMUNICATIONS, INC.								
244	96.7	WXOF	YANKEETOWN	FL C3	155.0	0.0	155.0	289.5
: WGUL-FM, INC.								

Based on FCC CDBS data - close of business November 1, 2013.

LPFM SECOND ADJACENT CHANNEL WAIVER STUDY

Union Park, FL
Channel 241L1 (96.1 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 WDBO-FM (Facility ID # 23443) Orlando, FL operates on Channel 243C and is located 13.2 km from the proposed LPFM site. WDBO-FM operates 99 kW ERP at 448 meters HAAT in the direction of the proposed LPFM tower. WDBO-FM places a 98.547 dBu F(50, 50) service contour at the LPFM site.

The proposed LPFM facility will operate from an antenna height of 29 meters above ground level which places it at 30 meters HAAT and will operate a full 100 watts.

Using the U/D method, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to WDBO-FM to the proposed LPFM station's 138.547 dBu interference contour ("overlap zone").

At 100 watts, this overlap zone is predicted to be 8 meters using the free space method.

As the radiation center of the proposed LPFM antenna is 29 meters above ground level, the interference would just reach the ground. Appendix A shows a Google Earth image of the proposed LPFM antenna site.

Therefore, based on the information presented, REC submits that the proposed LPFM station will not create any interference to existing or potential listeners of second adjacent channel stations WDBO-FM.

Report completed by
Michelle Eyre Bradley
Founder, REC Networks
November 8, 2013

APPENDIX A

This is a Google Earth image of the proposed LPFM tower site. The tower is adjacent to a parking lot and a wooded area. The structures directly adjacent to the tower are unoccupied communication sheds that area used to store the equipment used by the tower users including the proposed LPFM station. The proposed radiation center is 29 meters above ground level and the predicted overlap zone is an 8-meter sphere from the radiation center of the tower. There are no occupied structures or major highways within very close proximity to the tower therefore there is no interference to listeners or potential listeners of WDBO-FM.

