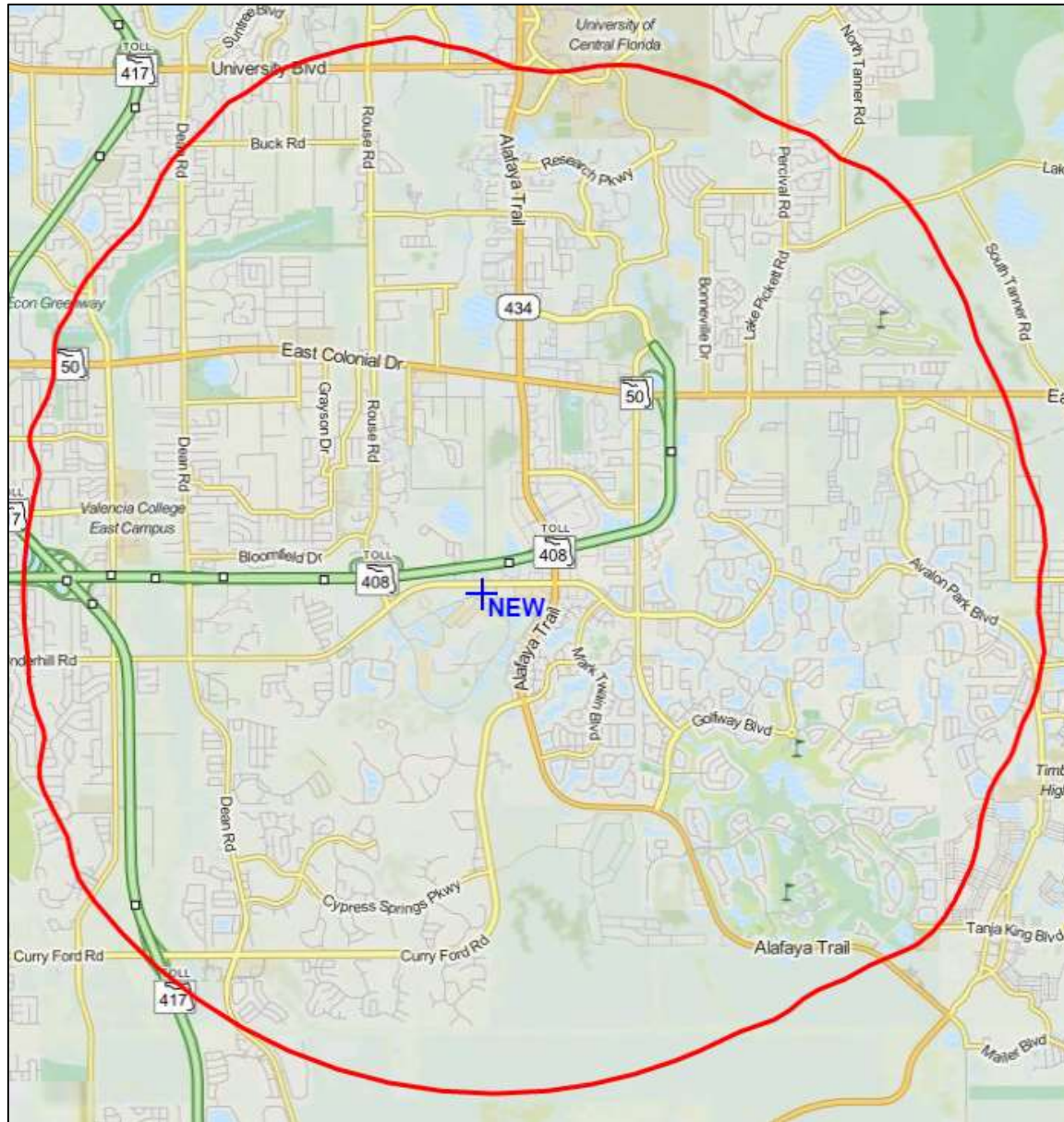




REC Broadcast Services
11541 Riverton Wharf Rd.
Mardela Springs, MD 21837
844.REC.LPFM/202.621.2355
recnet.com

Minor Change for WWID-LP
ORLANDO, FL
LA MISION, INC.
BMPL-20160309ABR

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



ORLANDO, FL – Channel 241L1 (96.1 MHz) ~ ERP 0.067 kW

Elev: 27 meters ~ RCAGL: 28 meters ~ RCAMSL: 55 meters ~ HAAT: 37m (FCC30)

Overall tower height: 42.6 meters – ASR: None (No nearby airports)

NAD83 Latitude: 28° 32' 44.2" NL – Longitude: 81° 12' 38.3" WL

NAD27 Latitude: 28° 32' 43.2" NL – Longitude: 81° 12' 39.1" WL

No AM stations within 3km

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 28 - 32' 43.0" - LONGITUDE: 81 - 12' 39.1"
CHANNEL: 241 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
239	95.7	WHOG-FM : SOUTHERN STONE COMMUNICATIONS, LLC	ORMOND-BY-THE-SEA	FL C2	77.8	53.0	24.8	9.8
240	95.9	WSJZ-FM : CUMULUS LICENSING LLC	SEBASTIAN	FL C3	99.2	67.0	32.2	144.4
240	95.9	WJRN-LP : HISPANIC CHRISTIAN EDUCATION COMMUNICATION, INC.	SUMMERFIELD	FL L1	103.2	14.0	89.2	300.4
240	95.9	WAPQ-LP : HIGHLANDS CHRISTIAN EDUCATION STATION	AVON PARK	FL L1	106.2	14.0	92.2	196.7
240	95.9	W240BV : CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.	ORLANDO	FL D5	21.3	21.0	0.3	288.3
240	95.9	WSJZ-FM : CUMULUS LICENSING LLC	SEBASTIAN	FL C3	97.0	67.0	30.0	138.6
240	95.9	WGRL-LP : K & A BROADCASTING GROUP CORP	SAINT CLOUD	FL L1	34.0	14.0	20.0	192.6
240	95.9	WGRL-LP : K & A BROADCASTING GROUP CORP	SAINT CLOUD	FL L1	35.0	14.0	21.0	194.7
240	95.9	W254AI : RADIO TRAINING NETWORK, INC.	AUBURNDALE	FL D4	79.2	21.0	58.2	221.8
241	96.1	WEJZ : RENDA BROADCASTING CORP. OF NEVADA	JACKSONVILLE	FL C0	201.4	122.0	79.4	348.1
241	96.1	WRXK-FM : BEASLEY MEDIA GROUP, LLC	BONITA SPRINGS	FL C	238.8	130.0	108.8	189.9
241	96.1	WTMP-FM : SCOTT SAVAGE, RECEIVER	DADE CITY	FL A	106.5	67.0	39.5	265.8
241	96.1	W241BP : BIBLE BROADCASTING NETWORK, INC.	KISSIMMEE	FL D2	26.2	26.0	0.2	220.9
241	96.1	WWID-LP : LA MISION, INC. : Currently authorized site	ORLANDO	FL L1	2.3	24.0	-21.7	355.1
243	96.5	WDBO-FM : COX RADIO, INC.	ORLANDO	FL C	15.5	93.0	-77.5	80.3
244	96.7	WXOF : WGUL-FM, INC.	YANKEETOWN	FL C3	153.7	0.0	153.7	290.5
244	96.7	W244BJ : HALL COMMUNICATIONS, INC.	LAKELAND	FL D6	95.9	0.0	95.9	225.8

Azimuth	Field	ERP	HAAT	Contour	Latitude	Longitude
0	1.000	0.067	40.1	5.857	28.5983	81.2106
5	1.000	0.067	38.7	5.756	28.5972	81.2055
10	1.000	0.067	40.2	5.864	28.5975	81.2002
15	1.000	0.067	42.1	5.997	28.5977	81.1947
20	1.000	0.067	42.4	6.019	28.5965	81.1896
25	1.000	0.067	42.5	6.027	28.5947	81.1846
30	1.000	0.067	42.2	6.004	28.5924	81.1799
35	1.000	0.067	43.4	6.094	28.5905	81.1748
40	1.000	0.067	44.0	6.138	28.5879	81.1702
45	1.000	0.067	44.8	6.196	28.5850	81.1658
50	1.000	0.067	44.0	6.138	28.5811	81.1625
55	1.000	0.067	42.8	6.049	28.5768	81.1599
60	1.000	0.067	41.5	5.955	28.5724	81.1578
65	1.000	0.067	40.9	5.914	28.5681	81.1558
70	1.000	0.067	41.1	5.928	28.5638	81.1536
75	1.000	0.067	40.7	5.900	28.5593	81.1523
80	1.000	0.067	41.5	5.955	28.5549	81.1506
85	1.000	0.067	41.8	5.976	28.5503	81.1497
90	1.000	0.067	40.6	5.893	28.5456	81.1503
95	1.000	0.067	41.5	5.955	28.5409	81.1499
100	1.000	0.067	41.5	5.955	28.5363	81.1506
105	1.000	0.067	40.3	5.871	28.5319	81.1526
110	1.000	0.067	39.2	5.793	28.5278	81.1549
115	1.000	0.067	39.4	5.807	28.5235	81.1568
120	1.000	0.067	41.5	5.955	28.5188	81.1579
125	1.000	0.067	42.3	6.011	28.5146	81.1602
130	1.000	0.067	41.7	5.969	28.5111	81.1638
135	1.000	0.067	38.6	5.749	28.5090	81.1690
140	1.000	0.067	36.7	5.607	28.5070	81.1738
145	1.000	0.067	36.2	5.568	28.5046	81.1780
150	1.000	0.067	35.3	5.498	28.5028	81.1825
155	1.000	0.067	35.0	5.476	28.5010	81.1870
160	1.000	0.067	35.0	5.476	28.4993	81.1915
165	1.000	0.067	35.0	5.476	28.4980	81.1961
170	1.000	0.067	35.0	5.476	28.4971	81.2009
175	1.000	0.067	35.0	5.476	28.4966	81.2058

Azimuth	Field	ERP	HAAT	Contour	Latitude	Longitude
180	1.000	0.067	35.0	5.476	28.4964	81.2106
185	1.000	0.067	35.0	5.476	28.4966	81.2155
190	1.000	0.067	35.0	5.476	28.4971	81.2204
195	1.000	0.067	35.0	5.476	28.4980	81.2251
200	1.000	0.067	35.0	5.476	28.4993	81.2298
205	1.000	0.067	35.0	5.476	28.5010	81.2343
210	1.000	0.067	35.0	5.476	28.5030	81.2387
215	1.000	0.067	35.0	5.476	28.5053	81.2428
220	1.000	0.067	35.0	5.476	28.5079	81.2467
225	1.000	0.067	35.0	5.476	28.5108	81.2503
230	1.000	0.067	35.0	5.476	28.5139	81.2536
235	1.000	0.067	34.9	5.469	28.5174	81.2565
240	1.000	0.067	33.0	5.324	28.5217	81.2578
245	1.000	0.067	32.9	5.316	28.5254	81.2600
250	1.000	0.067	31.5	5.206	28.5296	81.2607
255	1.000	0.067	30.3	5.110	28.5337	81.2612
260	1.000	0.067	30.3	5.110	28.5376	81.2622
265	1.000	0.067	28.9	5.086	28.5416	81.2625
270	1.000	0.067	27.6	5.086	28.5456	81.2627
275	1.000	0.067	26.6	5.086	28.5496	81.2625
280	1.000	0.067	27.3	5.086	28.5535	81.2619
285	1.000	0.067	29.7	5.086	28.5574	81.2609
290	1.000	0.067	32.9	5.316	28.5620	81.2618
295	1.000	0.067	32.6	5.293	28.5657	81.2598
300	1.000	0.067	35.1	5.484	28.5703	81.2593
305	1.000	0.067	36.0	5.553	28.5742	81.2572
310	1.000	0.067	36.7	5.607	28.5780	81.2546
315	1.000	0.067	36.6	5.599	28.5812	81.2512
320	1.000	0.067	38.4	5.734	28.5851	81.2484
325	1.000	0.067	41.0	5.921	28.5892	81.2454
330	1.000	0.067	42.7	6.042	28.5927	81.2416
335	1.000	0.067	43.9	6.131	28.5956	81.2372
340	1.000	0.067	44.8	6.196	28.5980	81.2323
345	1.000	0.067	44.7	6.189	28.5994	81.2270
350	1.000	0.067	44.5	6.174	28.6003	81.2216
355	1.000	0.067	42.6	6.034	28.5997	81.2160

WAIVER OF §73.807(a) REQUEST
SHORT-SPACED SECOND ADJACENT CHANNEL

WWID-LP
Orlando, Florida
Channel 241L1 (96.1 MHz)

The proposed modification will keep the proposed station to be second-adjacent channel short-spaced to WDBO-FM, Orlando, Florida.

WDBO-FM operates on Channel 243C with 100 kW at 454m height above average terrain (HAAT) into a non-directional antenna. WDBO-FM is located 15.5 km from the LPFM site and has a 449.0m effective HAAT on the 260 degree radial towards the LPFM. Based on that, WDBO-FM places a 95.9 dBu service contour at the proposed LPFM site.

Using the U/D method¹, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to WDBO-FM to the proposed LPFM station's 135.9 dBu interference contour ("overlap zone"). At 67 watts ERP, the overlap zone extends to 9 meters from the radiation center.

The applicant is proposing to operate at 28 meters above ground at a leased American Tower site.

As the interference only extends 9 meters from the radiation center, the interference will not reach any point lower than 19 meters above ground level and therefore will not reach any occupied space.

Based on these findings, the proposed modified LPFM station will not create any interference to listeners or potential listeners of WDBO-FM. The applicant is requesting a waiver of §73.807(a) in respect to second-adjacent channel short-spaced station WDBO-FM, Orlando, Florida.

Prepared by
Michelle Bradley
REC Broadcast Services
April 5, 2016

¹ - See *Living Way Ministries, Inc.* Memorandum Opinion and Order, 17 FCC Rcd 17054, 17056 (2002) at 5. *Recon denied* 23 FCC Rcd 15070 (2008).



