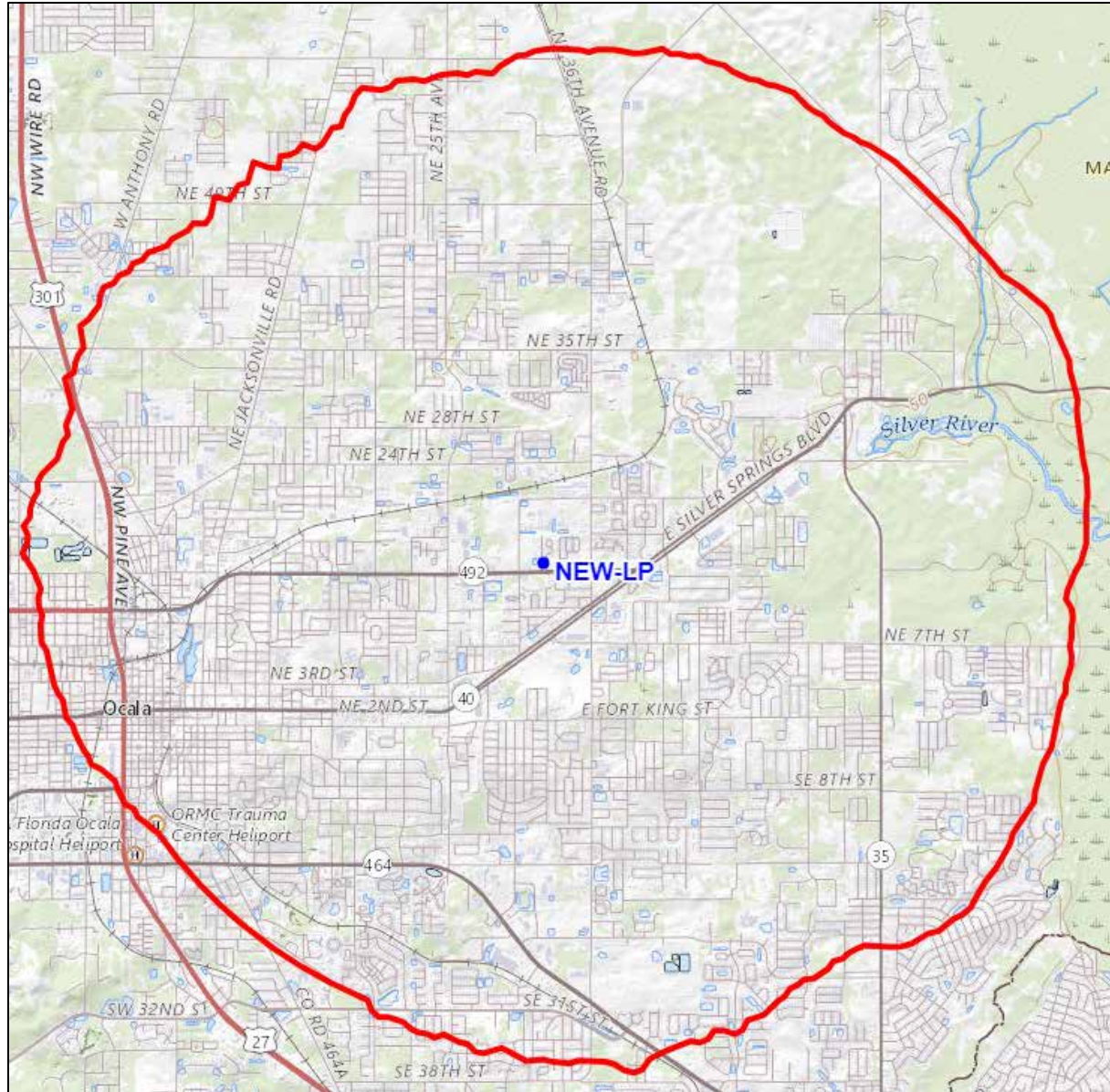




REC Networks/Michelle Bradley CBT  
11541 Riverton Wharf Rd.  
Mardela Springs, MD 21837  
844.REC.LPFM/202.621.2355  
recnet.com

Original Construction Permit Application  
OCALA, FL  
OCALA COMMUNITY COMMUNICATIONS NETWORK INC  
Facility ID: 783639

## PROPOSED 60dBu F(50,50) SERVICE CONTOUR



OCALA, FL ~ Channel 236LP100 (95.1 MHz) ~ ERP 0.075 kW  
Elev: 22.2 meters ~ RCAGL: 36 meters ~ RCAMSL: 58.2 meters ~ HAAT: 35 meters  
Overall tower height: 36.6 meters AGL ~ ASR: None (no airports within 5 miles)  
NAD83 Latitude: 29° 12' 06.1" NL ~ Longitude: 82° 05' 32.0" WL  
No AM stations within 3 km.  
Elevation and HAAT based on NED1 data from FCC Contours API.  
Existing tower.

R E C NETWORKS  
CHANNEL REPORT

NAD83 LATITUDE: 29 - 12' 06.1" - LONGITUDE: 82 - 05' 31.9"  
CHANNEL: 236 - CLASS: LP100

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
233	94.5	WCFB	DAYTONA BEACH	FL C	66.7	0.0	66.7	111.6
:		COX RADIO, LLC						
* Does not meet third adjacent channel spacing under LCRA Sect 7.								
233	94.5	WBYZ	BAXLEY	GA C0	288.4	0.0	288.4	353.2
:		SOUTH GEORGIA BROADCASTERS, INC.						
234	94.7	WGLJ-LP	GAINESVILLE	FL L1	63.8	0.0	63.8	327.6
:		CALVARY CHAPEL GAINESVILLE, INC.						
235	94.9	WRLE-LP	DUNNELLON	FL L1	40.7	14.0	26.7	261.8
:		POWER MINISTRIES						
235	94.9	WWRM	TAMPA	FL C	154.0	120.0	34.0	186.0
:		COX RADIO, LLC						
236	95.1	W236DN	LEESBURG	FL D3	50.5	32.0	18.5	157.3
:		UNITY BROADCASTING LLC						
236	95.1	WAPE-FM	JACKSONVILLE	FL C	131.7	130.0	1.7	19.0
:		COX RADIO, LLC						
236	95.1	WFKS	MELBOURNE	FL A	179.9	67.0	112.9	130.8
:		IHM LICENSES, LLC						
237	95.3	W237EJ	GAINESVILLE	FL D7	63.5	28.0	35.5	332.6
:		RFENGINEERS.COM, INC						
237	95.3	WPYO	MAITLAND	FL C3	92.8	67.0	25.8	138.6
:		WPYO LICENSING, INC.						
237	95.3	WXCW	HOMOSASSA SPRINGS	FL A	68.6	56.0	12.6	233.5
:		WGUL-FM, Inc.						
238	95.5	WYND-FM	SILVER SPRINGS	FL A	7.5	29.0	-21.5	8.6
:		SAGA SOUTH COMMUNICATIONS, LLC						
> See waiver request								
239	95.7	WHOG-FM	ORMOND-BY-THE-SEA	FL C2	99.2	0.0	99.2	87.5
:		SOUTHERN STONE COMMUNICATIONS OF FLORIDA, LLC						
239	95.7	WBTP	CLEARWATER	FL C1	156.8	0.0	156.8	199.3
:		IHM LICENSES, LLC						
239	95.7	WQPW	VALDOSTA	GA C2	193.4	0.0	193.4	329.6
:		SOUTHERN COMMUNICATIONS, LLC						

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

New(LP)  
Ocala, Florida  
Channel 236LP100 (95.1 MHz)

The instant application meets all §73.807 distance separation requirements with the exception of second-adjacent channel station WYND, Silver Springs, Florida. To address this shortcoming, we propose the following as set forth:

WYND-FM operates on Channel 238A with 2.55 kW effective radiated power (ERP) at 156 meters height above average terrain (HAAT) into a nondirectional antenna. WYND-FM places an 83.1 dBu service contour at the proposed site.

Using the U/D method<sup>1</sup>, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to WYND-FM to the proposed LPFM station's 123.1 dBu interfering contour ("overlap zone"). At 75 watts ERP, the overlap zone extends to 43 meters from the base of the antenna structure utilizing the free space method. There are 2 single-story structures within the overlap zone. To address the overlap zone, the applicant is proposing operation with a minimum single-bay Nicom BKG-77 circularly polarized antenna. Based on the manufacturer's specifications, the 123.1 dBu interfering contour will not reach any location lower than 17 meters above ground level and therefore will not penetrate the nearby occupied structures.

As we have determined that the proposed facility will not cause any interference, the applicant is requesting a waiver of §73.807(a) in respect to WYND, Silver Springs, Florida.

Prepared by,  
/S/  
Michelle Bradley, CBT  
REC Networks  
December 6, 2023

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

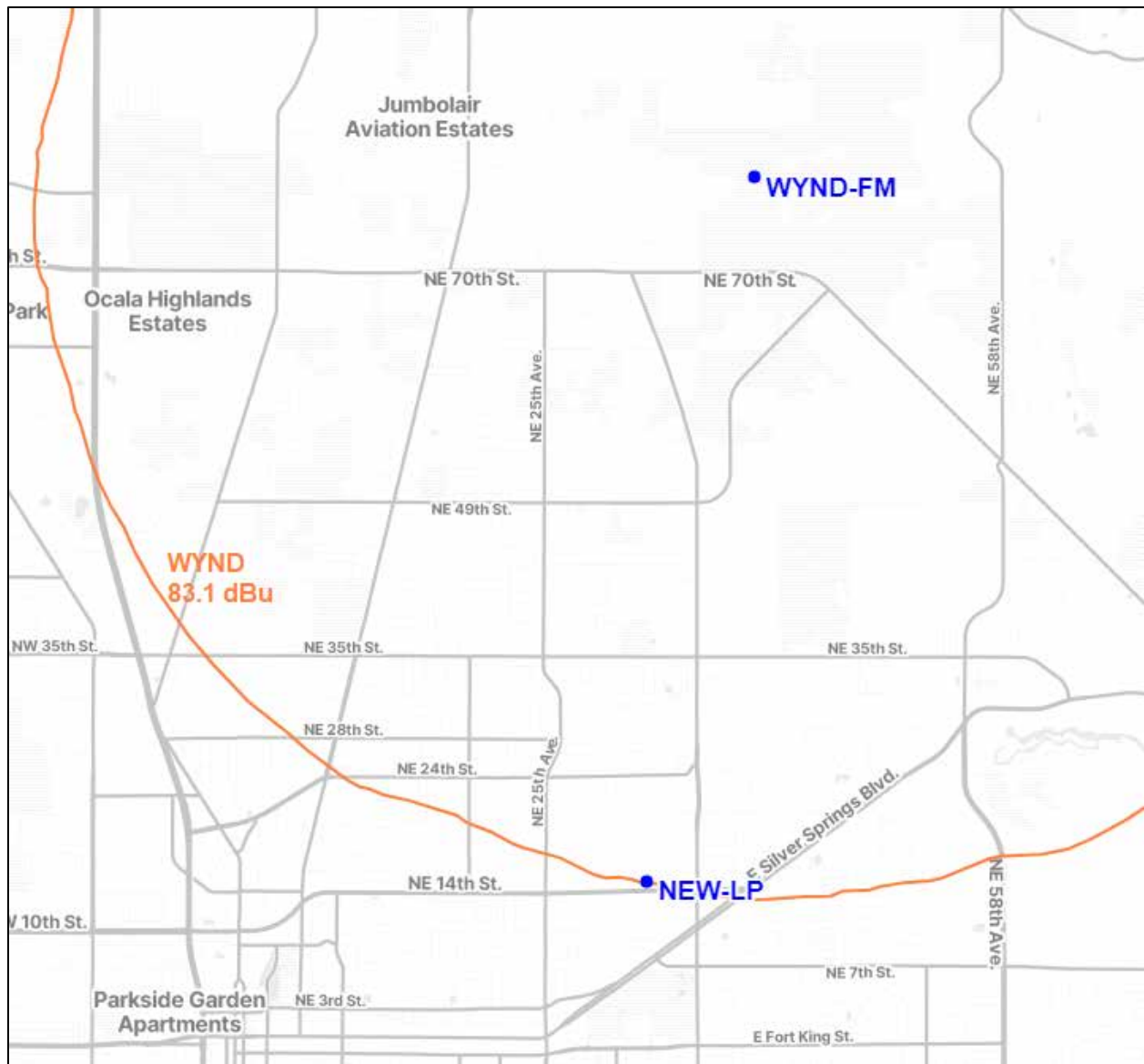


EXHIBIT PROVIDED BY REC NETWORKS ON A WHOLESALE BASIS BASED ON INFORMATION PROVIDED.  
THIS APPLICANT IS NOT REPRESENTED BY REC NETWORKS



43 meters from proposed site (123.1 dBu contour)



EXHIBIT PROVIDED BY REC NETWORKS ON A WHOLESALE BASIS BASED ON INFORMATION PROVIDED.  
THIS APPLICANT IS NOT REPRESENTED BY REC NETWORKS

Proposed Power:				<b>0.075 kW</b>				
Antenna Height AGL:				<b>36 m</b>				
Interference Contour:				<b>123.1 dBu</b>				
Artificial RX Antenna Height:				<b>17 m</b>				
Antenna Type:				<b>Nicom BKG77 - 1 bay 0 wave spacing</b>				
Angle Below Horizon	Antenna Relative Field	ERP in kW	ERP in dBk	Distance from Ant to Interference Contour	Distance from Ant to Artificial Plane	Field Strength in dBu @ Artificial Plane	Distance from Ant to Ground Level	Field Strength in dBu @ Ground Level
5	<b>0.999</b>	0.075	-11.26	42.47	218.00	108.89	413.05	103.34
10	<b>0.982</b>	0.072	-11.41	41.75	109.42	114.73	207.32	109.18
15	<b>0.954</b>	0.068	-11.66	40.56	73.41	117.95	139.09	112.40
20	<b>0.918</b>	0.063	-11.99	39.03	55.55	120.03	105.26	114.48
25	<b>0.872</b>	0.057	-12.44	37.07	44.96	121.42	85.18	115.87
30	<b>0.818</b>	0.050	-12.99	34.78	38.00	122.33	72.00	116.78
35	<b>0.758</b>	0.043	-13.66	32.23	33.13	122.86	62.76	117.31
40	<b>0.691</b>	0.036	-14.46	29.38	29.56	123.05	56.01	117.50
45	<b>0.616</b>	0.028	-15.46	26.19	26.87	122.88	50.91	117.33
50	<b>0.538</b>	0.022	-16.63	22.87	24.80	122.40	46.99	116.85
55	<b>0.465</b>	0.016	-17.90	19.77	23.19	121.71	43.95	116.16
60	<b>0.391</b>	0.011	-19.41	16.62	21.94	120.69	41.57	115.14
65	<b>0.313</b>	0.007	-21.34	13.31	20.96	119.15	39.72	113.60
70	<b>0.239</b>	0.004	-23.68	10.16	20.22	117.12	38.31	111.57
75	<b>0.176</b>	0.002	-26.34	7.48	19.67	114.70	37.27	109.15
80	<b>0.129</b>	0.001	-29.04	5.48	19.29	112.17	36.56	106.62
85	<b>0.103</b>	0.001	-30.99	4.38	19.07	110.32	36.14	104.77
90	<b>0.105</b>	0.001	-30.83	4.46	19.00	110.52	36.00	104.97