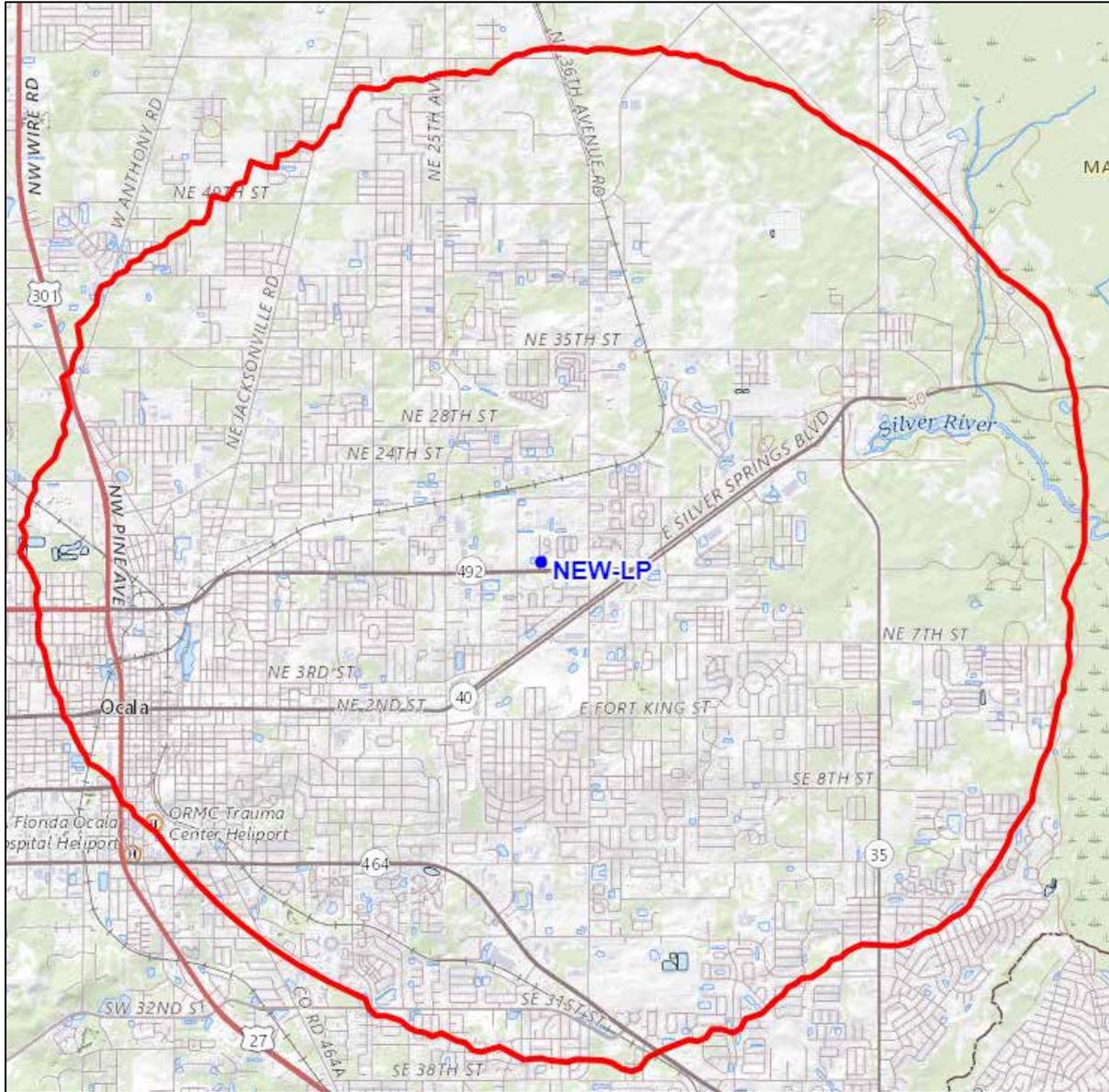




REC Networks/Michelle Bradley CBT
 11541 Riverton Wharf Rd.
 Mardela Springs, MD 21837
 844.REC.LPFM/202.621.2355
 recnet.com

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

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 method¹, 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

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).

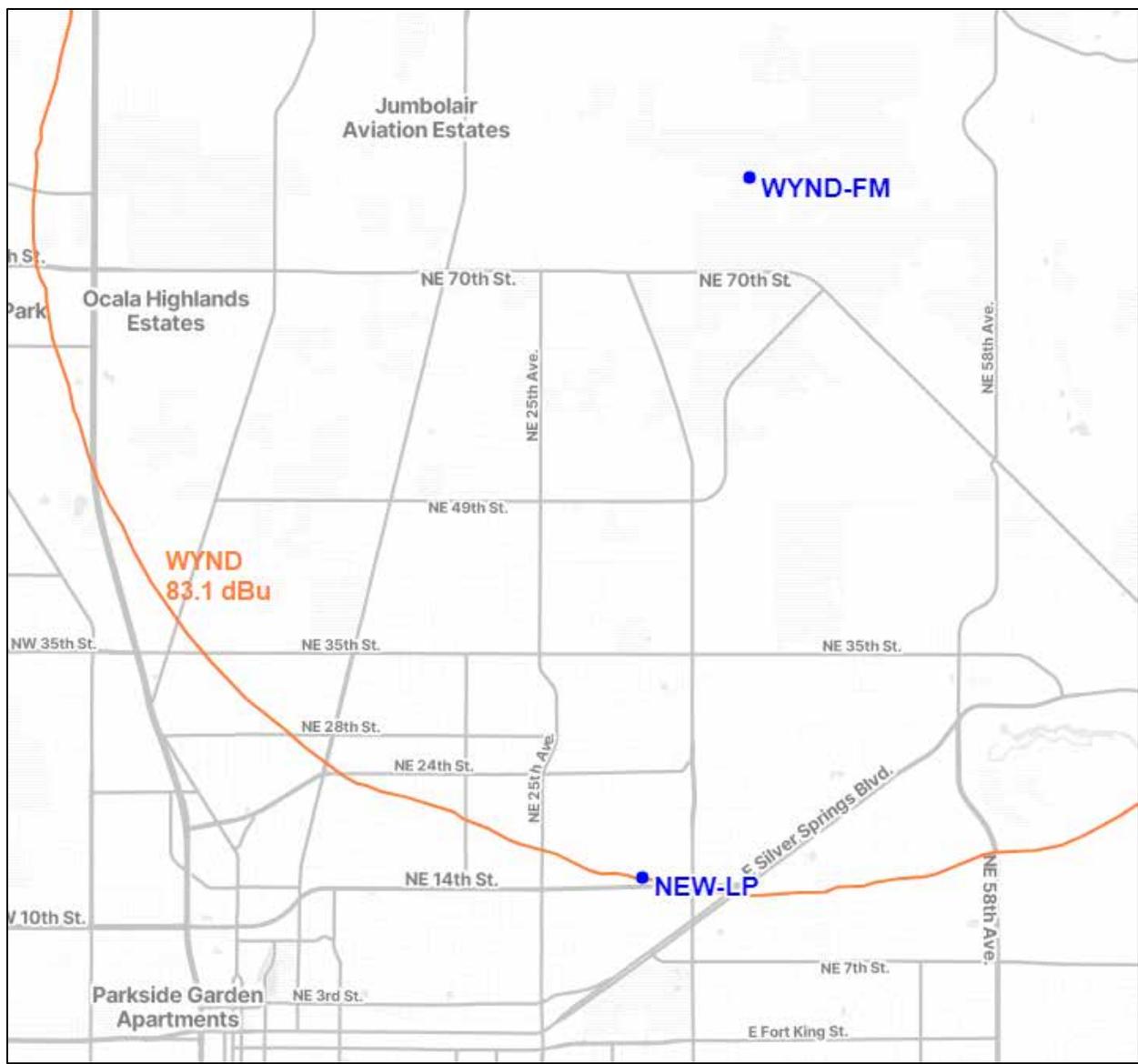


EXHIBIT PROVIDED BY REC NETWORKS ON A WHOLESALE BASIS BASED ON INFORMATION PROVIDED.
THIS APPLICANT IS NOT REPRESENTED BY REC NETWORKS

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