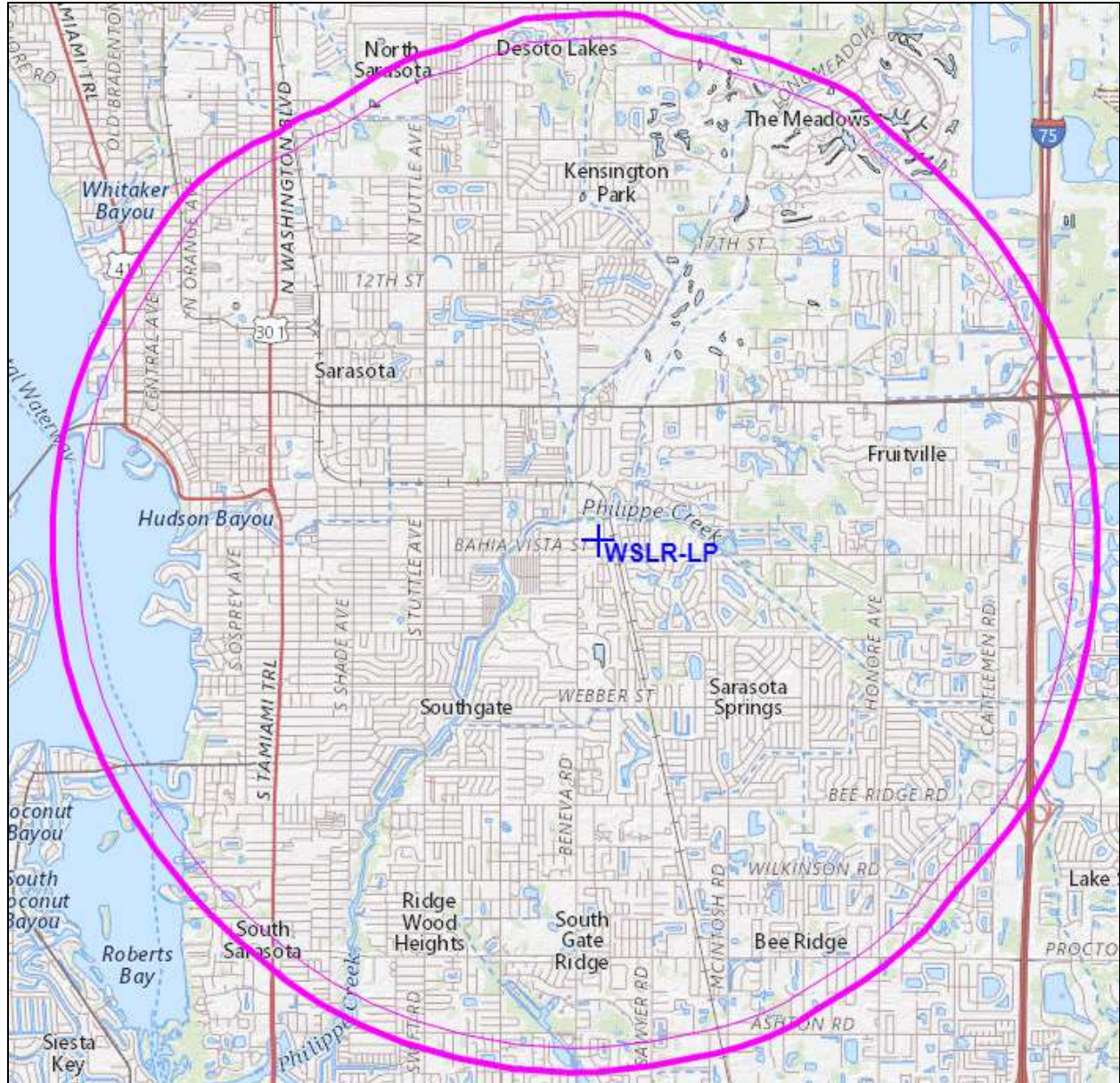




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Minor Modification to Facility for WSLR-LP
SARASOTA, FL
WSLR, INC.
BLL-20080424AAR

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



SARASOTA, FL - Channel 243LP100 (96.5 MHz) ~ ERP 0.027 kW

Elev: 4.5 meters ~ RCAGL: 57 meters ~ RCAMSL: 61.3 meters ~ HAAT: 56 meters (FCC30)

Overall tower height: 57.9 meters – ASR: 1231476 (params modified to match ASR data)

NAD83 Latitude: 27° 19' 27.4" NL – Longitude: 82° 29' 44.9" WL.

NAD27 Latitude: 27° 19' 26.2" NL – Longitude: 82° 29' 45.6" WL.

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 27 - 19' 26.2" - LONGITUDE: 82 - 29' 45.6"
CHANNEL: 243 - CLASS: LP-100

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
241	96.1	W241DH : TAMPA RADIO, INC.	BRADENTON	FL D4	25.7	14.0	11.7	342.5
241	96.1	WRXK-FM : BEASLEY MEDIA GROUP LICENSES, LLC	BONITA SPRINGS	FL C	131.8	93.0	38.8	139.2
241	96.1	W241DH : TAMPA RADIO, INC.	BRANDON	FL D6	76.1	21.0	55.1	12.7
242	96.3	W270DU : NIA BROADCASTING. INC.	TAMPA	FL D1	76.2	15.0	61.2	359.8
242	96.3	W270DU : NIA BROADCASTING. INC.	TAMPA	FL D5	76.2	21.0	55.2	359.8
242	96.3	WPCQ-LP : COUNTY OF PINELLAS	CLEARWATER	FL L1	75.5	14.0	61.5	342.5
242	96.3	WURK-LP : RAINBOW HEIGHTS NEIGHBORHOOD ASSOCIATION AND CRIME WATCH, IN	TAMPA	FL L1	71.5	14.0	57.5	2.7
242	96.3	WURK-LP : RAINBOW HEIGHTS NEIGHBORHOOD ASSOCIATION AND CRIME WATCH, IN	TAMPA	FL L1	70.1	14.0	56.1	1.2
242	96.3	WBPU-LP : AFRICAN PEOPLE'S EDUCATION AND DEFENSE FUND, INC.	ST. PETERSBURG	FL L1	49.9	14.0	35.9	342.0
242	96.3	WSCQ-LP : SUN CITY CENTER RADIO, INC.	SUN CITY CENTER	FL L1	44.8	14.0	30.8	17.9
242	96.3	WULB-LP : M & M COMMUNITY DEVELOPMENT INC LONGBOAT KEY BRANCH	LONG BOAT KEY	FL L1	13.8	14.0	-0.2	291.5
243	96.5	WPOW : ENTERCOM LICENSE, LLC	MIAMI	FL C	272.8	130.0	142.8	123.1
243	96.5	WSLR-LP : WSLR, INC.	SARASOTA	FL L1	0.1	24.0	-23.9	61.4
243	96.5	WOEX : COX RADIO, LLC	ORLANDO	FL C	197.9	130.0	67.9	45.3
244	96.7	WMTB-LP : MUSIC TAMPA BAY INC.	ST PETERSBURG	FL L1	52.1	14.0	38.1	343.1
244	96.7	W244EG : GENESIS COMMUNICATIONS OF TAMPA BAY, INC.	TAMPA	FL D3	76.1	21.0	55.1	359.8
245	96.9	WINK-FM : FORT MYERS BROADCASTING COMPANY	FORT MYERS	FL C	93.0	93.0	0.0	128.6

PURPOSE OF APPLICATION

WSLR-LP
Sarasota, FL
Channel 243LP100 – 96.5 MHz

WSLR-LP is currently authorized as a result of license file number BLL-20080424AAR (License Application), which was originally requested on construction permit 200601012ACN (CP Application), which was granted on October 31, 2006.

Prior to September 25, 2019 when LPFM engineering applications were handled through CDBS, the system, through a batch process would automatically calculate a height above average terrain for LPFM applications based on the geographic coordinates and radiation center above mean sea level (RCAMSL) entries on the application. In the CP Application, the height above average terrain (HAAT) was calculated at 61.3 meters, which, in turn, resulted in the CDBS “overnight engineer” program assigning an effective radiated power (ERP) of 0.022849 kW to the LPFM application. At the time of the License Application, the ERP was adjusted accordingly to 0.023 kW.

Using the corrected coordinates (necessary to match the coordinates for Antenna Structure Registration Number 1231476), we have determined that using FCC30 terrain data, that the actual HAAT is 56 meters, instead of the 61.3 meters originally calculated by CDBS back in 2006.

Pursuant to §73.811(a) of the Commission’s Rules, an LPFM station at 56 meters HAAT would be eligible to operate 27 watts (0.027 kW) ERP.

As such, the applicant is requesting this coordinate correction in order to match ASR records and to request an increase in ERP at their current site parameters from 0.023 kW to 0.027 kW.

Report prepared by,

Michelle Bradley, CBT
REC Networks

October 26, 2020

Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **27° 19' 27.4"** North
Longitude **82° 29' 44.9"** West (NAD 83)

These coordinates convert to NAD 27 coordinates of
27° 19' 26.23", North, 82° 29' 45.55" West (NAD 27).

Height of antenna radiation center above mean sea level: **61.5 meters AMSL**.

Number of Evenly Spaced Radials = **8** 0° is referenced to True North

Results

Calculated HAAT = **56 meters**

Antenna Height Above Average Terrain calculated
using FCC 30 second terrain database (continental USA only)

Individual "Radial HAAT" Values, in meters

0°	56.7 m
45°	51.5 m
90°	51.5 m
135°	51.9 m
180°	58.3 m
225°	59.7 m
270°	61.5 m
315°	58.4 m