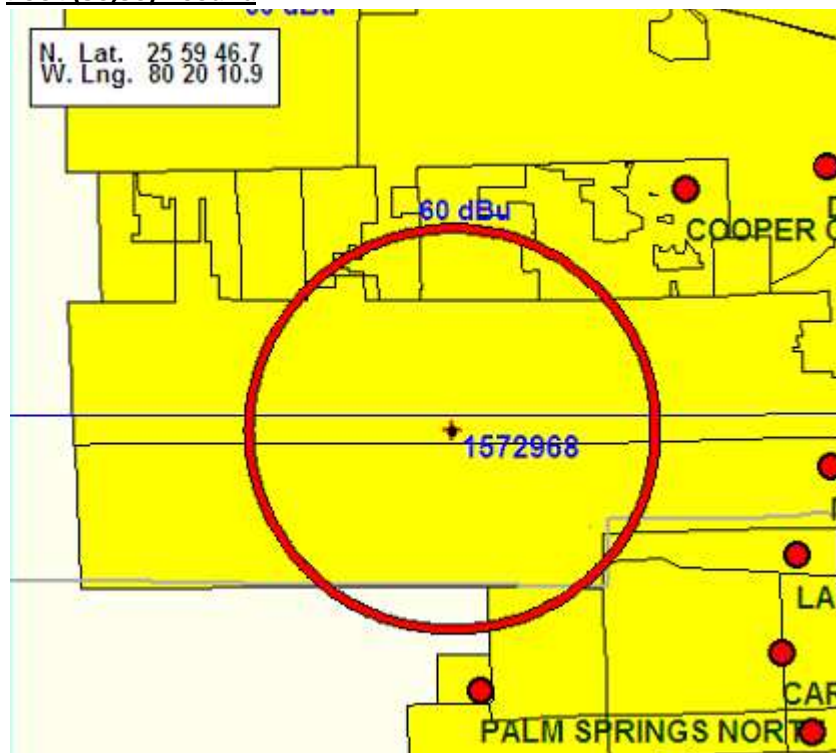


PROPOSED LPFM FACILITY, HOLLYWOOD, BROWARD COUNTY, FLA

PROPOSAL

This application proposes the use of Channel 270 for Low Power FM, with the following parameters:

NAD 83	25 59 48.01 N, 80 20 10.1 W
NAD 27	25 59 46.67 N, 80 20 10.92 W
GROUND	1.6 m
MAST	32 m
AGL	31 m
AMSL	34 m
HAAT	31 m
WATTS	94 w
CHANNEL	270

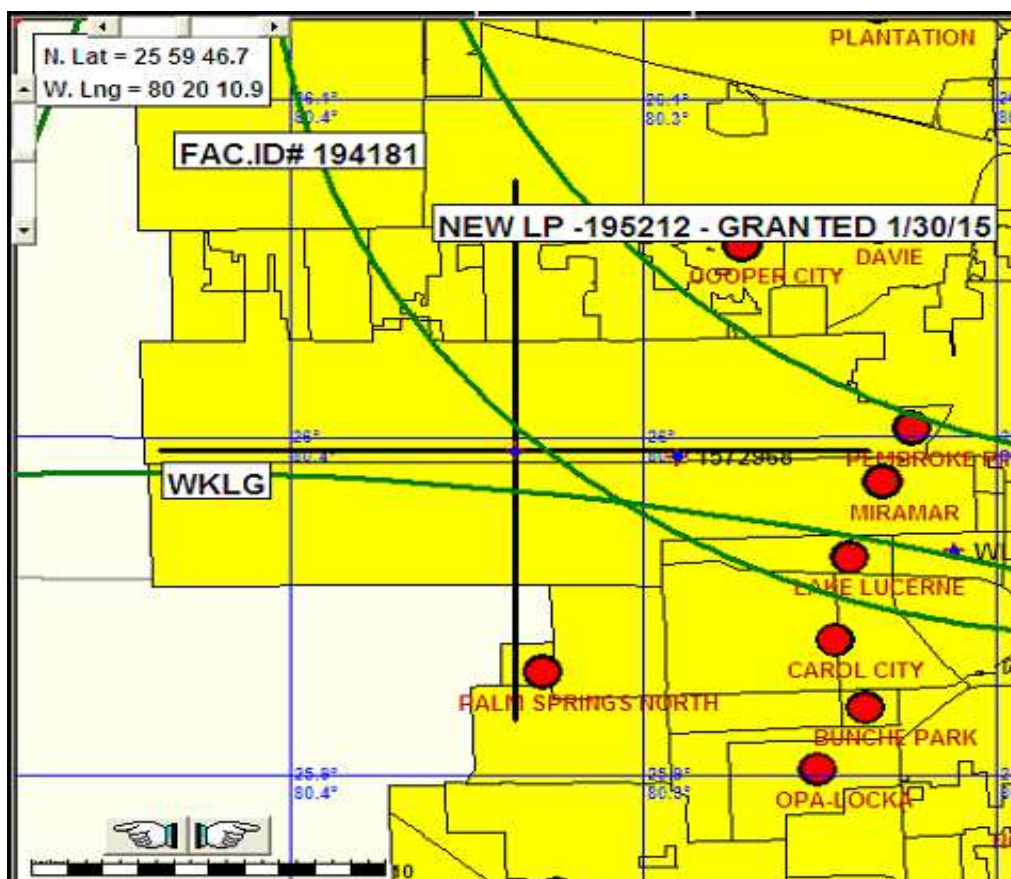
FCC F(50,50) - 60dBu

SPACING

NEW LP							DISPLAY DATES	
REFERENCE		CLASS = L1			DATA 02-27-15			
25 59 46.7 N.		Current Spacings to 2nd Adj.			SEARCH 02-27-15			
80 20 10.9 W.		Channel 270 - 101.9 MHz						
Call	Channel	Location		Azi	Dist	FCC	Margin	
1583241	APP	270L1	Fort Lauderdale	FL	43.5	24.10	23.5	0.6
WKLG	LIC-N	271C1	Rock Harbor	FL	186.1	100.82	99.5	1.3
NEW	CP	270L1	Oakland Park	FL	41.7	30.57	23.5	7.1
WWGR	LIC-N	270C0	Fort Myers	FL	290.5	137.67	121.5	16.2
WMBX	LIC	272C1	Jensen Beach	FL	7.8	115.08	72.5	42.6
W270AD	LIC	270D	West Palm Beach	FL	19.7	83.73	38.5	45.2
*WLYF	LIC	268C1	Miami	FL	104.8	12.88	72.5	-59.6

- All separation margins include rounding
- Channel study for amendment excludes original application
Application ID 1572968, Facility ID# 192331 - 270L1 Fort Lauderdale FL
- Application 1583241 = DISMISSED - 01/30/2015
- * WLYF 2nd ADJ - See 2nd adjacent spacing waiver request

SPACING MAP



NEW LPFM FACILITY

HOLLYWOOD, FLA

Second Adjacent Exhibit & Waiver Request

Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BLH-20090828ADS, callsign WLYF, class C1, status LIC, MIAMI, FL, channel 268, facility ID 30827^[3]

Undesired-to-Desired Ratio Method

BLH-20090828ADS f(50,50) signal: 94.1 dBu ^{[1][2]}
Second-adjacent protection: + 40 dB
Interference-zone boundary: 134.1 dBu
Distance to 134.1 dBu: 14 m (HAAT = 31 m, ERP <= 0.0942 kW) ^[1]

The interference zone produces a worst-case radius of 14 meters. There are no occupied structures nor major roadways within 14 meters of the radiation center, thus no population will be subject to interference from the proposed station according to the undesired-to-desired ratio.

[1] tvfms_metric() C-language subroutine as distributed by the FCC.
At distances less than or equal to 1.5 km, tvfms_metric() uses the free-space method.

[2] FCC HAAT Calculator web page,
http://transition.fcc.gov/mb/audio/bickel/haat_calculator.html

[3] CDBS database downloaded 2015-02-27 03:05:00

TOWAIR RESULTS

TOWAIR Determination Results

[? HELP](#)[New Search](#) [Printable Page](#)

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results	
Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.	
Your Specifications	
NAD83 Coordinates	
Latitude	25-59-48.0 north
Longitude	080-20-10.1 west
Measurements (Meters)	
Overall Structure Height (AGL)	32
Support Structure Height (AGL)	32
Site Elevation (AMSL)	1.6
Structure Type	
MAST - Mast	

Tower Construction Notifications

Notify Tribes and Historic Preservation Officers of your plans to build a tower.