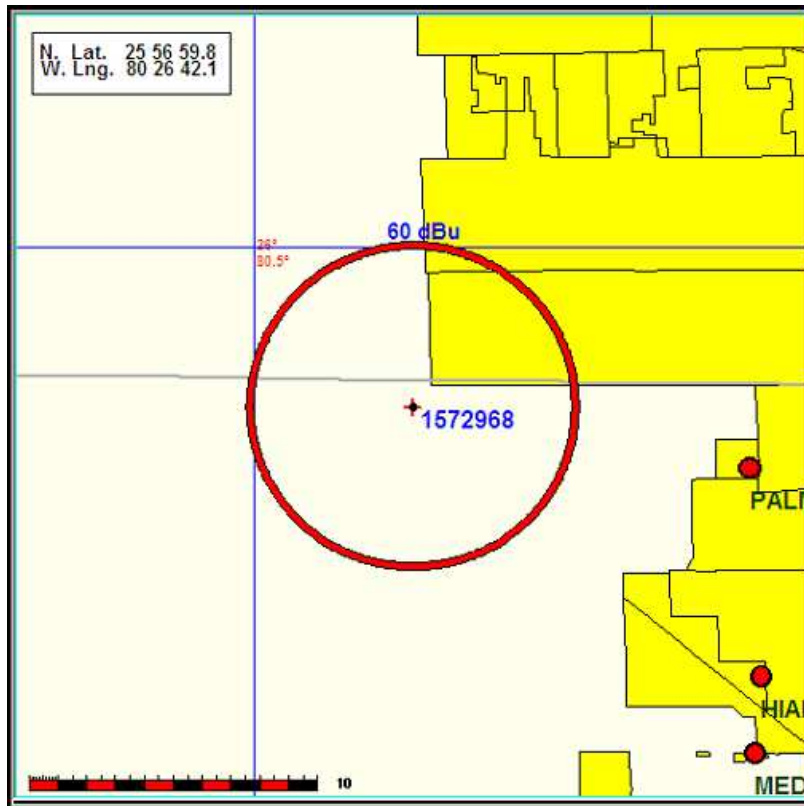


PROPOSED LPFM FACILITY, NORTH MIAMI DADE, FL

PROPOSAL

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

NAD 83	25 57 01.14 N, 80 26 41.30 W
NAD 27	25 56 59.80 N, 80 26 42.10 W
GROUND	3.1 m
MAST	26 m
AGL	25.5 m
AMSL	28.6 m
HAAT	26 m
WATTS	100 w
CHANNEL	276

FCC F(50,50) - 60dBu

SPACING

NEW LP - North Miami Dade

REFERENCE

25 56 59.8 N.

CLASS = L1

DISPLAY DATES

DATA 02-27-15

80 26 42.1 W.

Current Spacings to 2nd Adj.

SEARCH 03-13-15

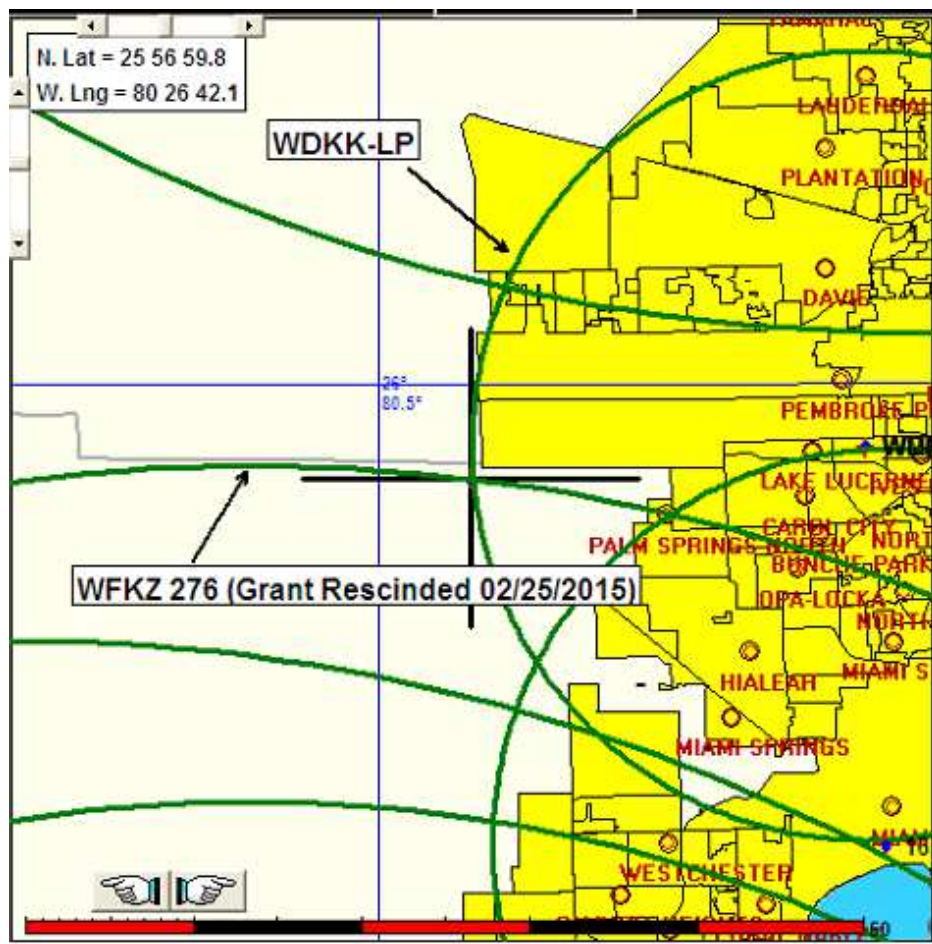
----- Channel 276 - 103.1 MHz -----							
Call	Channel	Location		Azi	Dist	FCC	Margin

WMIB	LIC-D 278C	Fort Lauderdale FL		85.3	23.67	92.5	-68.8
WMXJ	LIC-D 274C0	Pompano Beach FL		85.3	23.67	83.5	-59.8
WFKZ	APP-N 276C1	Plantation Key FL		186.8	110.52	110.5	0.02
WDDK-LP	CP 276L1	North Dade FL		85.3	23.67	23.5	0.17
1633950	APP 276L1	Miami FL		131.2	33.01	23.5	9.5
WIRK	LIC-N 276C1	Indiantown FL		12.4	122.06	110.5	11.6
WFKZ	RSV-A 276C1	Plantation Key FL		192.6	123.17	110.5	12.7
WFKZ	LIC 276C2	Plantation Key FL		186.8	110.52	90.5	20.0

RSV-R = reserved - needs protection, RSV-A = allocation

All separation margins include rounding

SPACING MAP



NEW LPFM FACILITY

NORTH MIAMI DADE, FL

Second Adjacent Exhibit & Waiver Request

- Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BLH-20050225AAP, callsign WMIB, class C, status LIC, FORT LAUDERDALE, FL, channel 278, facility ID 67193^[3]

Undesired-to-Desired Ratio Method

BLH-20050225AAP f(50,50) signal: 82.8 dBu^{[1][2]}
Second-adjacent protection: + 40 dB
Interference-zone boundary: 122.8 dBu
Distance to 134.1 dBu: 51 m (HAAT = 26 m, ERP ≤ 0.1 kW)^[1]

The interference zone produces a worst-case radius of 51 meters. There are no occupied structures nor major roadways within 51 meters of the radiation center, thus no population will be subject to interference from the proposed station according to the undesired-to-desired ratio.

- Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BLH-20050225AAL, callsign WMXJ, class C0, status LIC, POMPANO BEACH, FL, channel 274, facility ID 30840^[3]

Undesired-to-Desired Ratio Method

BLH-20050225AAL f(50,50) signal: 82.8 dBu^{[1][2]}
Second-adjacent protection: + 40 dB
Interference-zone boundary: 122.8 dBu
Distance to 134.1 dBu: 51 m (HAAT = 26 m, ERP ≤ 0.1 kW)^[1]

The interference zone produces a worst-case radius of 51 meters. There are no occupied structures nor major roadways within 51 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

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*** 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	25-57-01.1 north
Longitude	080-26-41.3 west
Measurements (Meters)	
Overall Structure Height (AGL)	26
Support Structure Height (AGL)	26
Site Elevation (AMSL)	3.1
Structure Type	
MTOWER - Monopole	

[Tower Construction Notifications](#)

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