

# Tarpon Springs, FL - WYFE(FM)

## Copy of Existing ASR

**Registration Detail**

Reg Number	1233702	Status	Constructed
File Number	A0908138	Constructed	03/13/1997
EMI	No	Dismantled	
NEPA	No		

**Antenna Structure**

Structure Type GTOWER - Guyed Structure Used for Communication Purposes

**Location** (in NAD83 Coordinates)

Lat/Long	28-22-40.6 N 082-40-25.3 W	Address	Arcola Avenue at First Street North
City, State	Hudson , FL		
Zip	34667	County	PASCO
Center of AM Array		Position of Tower in Array	

**Heights (meters)**

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
4.0	149.4
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
153.4	148.5

**Painting and Lighting Specifications**

FCC Paragraphs A2, H

**FAA Notification**

FAA Study	2014-ASO-3728-OE	FAA Issue Date	06/24/2014
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**Owner & Contact Information**

FRN	0002060788	Owner Entity Type	Corporation
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**Owner**

Bible Broadcasting Network, Inc.  
 Attention To: Michael Raley  
 11530 Carmel Commons Blvd  
 Charlotte , NC 28226

P: (704)523-5555  
 F:  
 E: mrale@bbnmedia.org

**Contact**

RALEY , MICHAEL G  
 11530 CARMEL COMMONS BLVD  
 CHARLOTTE , NC 28226

P: (704)523-5555  
 F:  
 E: MRALEY@BBNMEDIA.ORG

**Last Action Status**

Status	Constructed	Received	06/27/2014
Purpose	Notification	Entered	06/27/2014
Mode	Interactive		

**Related Applications**

06/27/2014	A0908138	- Notification (NT)
06/25/2014	A0907997	- Modification (MD)
08/27/2008	A0607776	- Admin Update (AU)

Related applications (5)

**Comments****Comments**

None

**History**

Date	Event
06/27/2014	Construction Notification Received
06/27/2014	Modification Received
06/25/2014	ASR Application receipt email sent: Tower email

All History (11)

**Automated Letters**

08/28/2008	Authorization, Reference
04/26/2002	Authorization, Reference 213754

**Tarpon Springs, FL - WYFE(FM)  
USGS Aerial Photo-Map  
of Existing Site**

**Site Location (NAD 27)**

NL: 28° 22' 40"

WL: 82° 40' 26"

(28-22-40.6NL; 82-40-25.3WL NAD1983)




ARGOLA AVE

ARGOLA AVE

DIAGONAL RD

0 200 400ft



 The National Map

# Tarpon Springs, FL – WYFE(FM) Vertical Plan of Antenna System

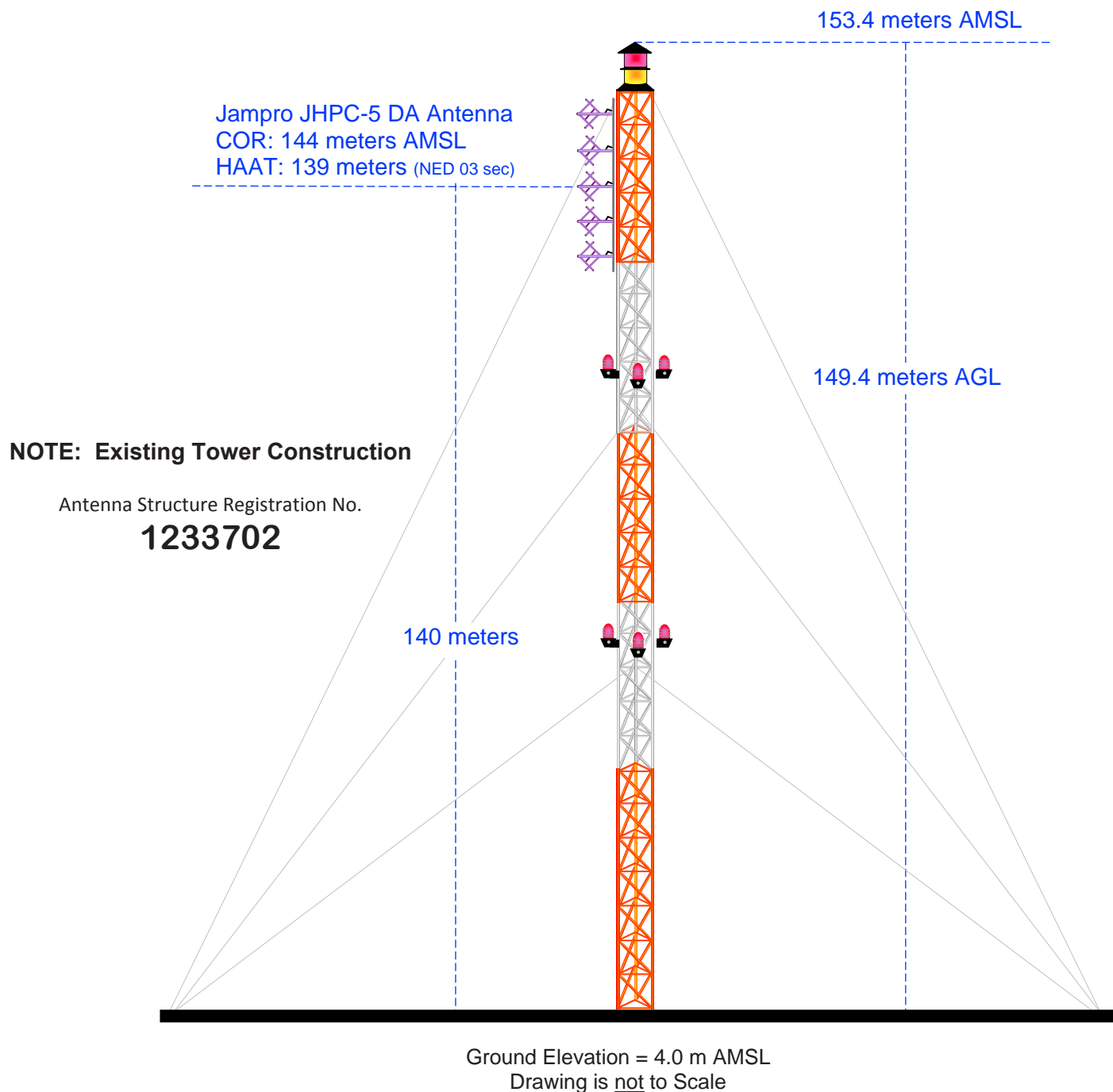
The site is located on Arcola Avenue  
at First Street North;  
the city of Hudson, Pasco County, Florida.

## Site Location (NAD 27)

NL: 28° 22' 40"

WL: 82° 40' 26"

(28-22-40.6NL; 82-40-25.3WL NAD1983)



**MUNN-REESE, INC.**

Broadcast Engineering Consultants  
Coldwater, MI 49036

# Tarpon Springs, FL – WYFE(FM)

## Proposed FM Operating Specifications

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**Applicant:** Bible Broadcasting Network, Inc.

**Call:** WYFE(FM)

**City of License:** Tarpon Springs, FL

**Frequency:** 88.9 MHz    **Channel:** 205C1    **ERP:** 60.0 kW    **HAAT:** 139 m

**Transmitter Location:** The site is located on Arcola Avenue at First Street North.

**City:** Hudson

**County:** Pasco

**State:** Florida

**Site Coordinates:** NL: 28° 22' 40"    /    WL: 82° 40' 26"

**Tower Registration Number:** 1233702

**Proposed Operation:** Class C1

**Effective Radiated Power:** 60.0 kW (H)                      60.0 kW (V)

**Height of Antenna Radiation Center Above:**

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	139 meters	144 meters	140 meters
Vertical	139 meters	144 meters	140 meters

**Elevation of Tower Site :** 4.0 meters AMSL

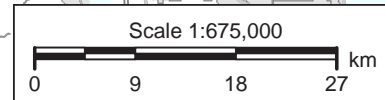
**Overall Height of Structure Above Ground :** 149.4 meters AGL

**Overall Height of Structure Above Mean Sea Level:** 153.4 meters AMSL



# Tarpon Springs, FL - WYFE(FM) Licensed Service Contour Study

Licensed 60 dBμ F(50:50)



NED 03 SEC Terrain Database  
US Census 2010 PL Database

**WYFE(FM)**  
Tarpon Springs, FL  
Corrected Operation  
Facility ID: 5173  
Latitude: 28-22-40 N  
Longitude: 082-40-26 W  
ERP: 60.00 kW  
Channel: 205C1  
Frequency: 88.9 MHz  
AMSL Height: 144.0 m

60 dBμ Contour  
Total Population: 1,442,417  
Total Area: 7,677 sq. km

WYFE(FM)

N. Lat. = 282240.0 W. Lng. = 824026.0  
HAAT and Distance to Contour,  
FCC, FM 2-10 Mi, 51 pts Method - NED 03 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field
000	0.2	143.8	38.4000	15.84	0.800
045	8.3	135.7	29.4000	14.68	0.700
090	13.0	131.0	25.3500	14.04	0.650
135	11.3	132.7	32.8560	15.17	0.740
180	6.7	137.3	57.6240	17.61	0.980
225	0.3	143.7	60.0000	17.78	1.000
270	0.0	144.0	60.0000	17.78	1.000
315	0.0	144.0	58.8060	17.69	0.990

Ave El= 4.99 M HAAT= 139.01 M AMSL= 144 M

