

Chattanooga, TN - WYBK(FM)

Copy of Existing ASR



Registration Detail

Reg Number	1043839	Status	Constructed
File Number	A0904897	Constructed	01/01/1969
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type	LTOWER - Lattice Tower		
Location (in NAD83 Coordinates)			
Lat/Long	35-10-18.3 N 085-18-58.5 W	Address	1005 OLSEN AVENUE
City, State	WALDEN , TN		
Zip	37377	County	HAMILTON
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
605.9	63.1
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
669.0	62.0

Painting and Lighting Specifications

FAA Chapters 3, 4, 5, 9
Paint and Light in Accordance with FAA Circular Number 70/7460-1G

FAA Notification

FAA Study	2014-ASO-3732-OE	FAA Issue Date	05/12/2014
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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: MRALEY@BBNMEDIA.ORG

Contact

RALEY , MICHAEL G
11530 CARMEL COMMONS BLVD
CHARLOTTE , NC 28104

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

Last Action Status

Status	Constructed	Received	05/13/2014
Purpose	Notification	Entered	05/13/2014
Mode	Interactive		

Related Applications

05/13/2014	A0904897	- Notification (NT)
05/13/2014	A0904893	- Modification (MD)
11/22/2010	A0706024	- Admin Update (AU)

Related applications (4)

Comments

Comments

None

History

Date

05/13/2014

05/13/2014

11/23/2010

All History (6)

Event

Construction Notification Received

Modification Received

Registration Printed

Automated Letters

11/23/2010	Authorization, Reference
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**Chattanooga, TN - WYBK(FM)
USGS Aerial Photo-Map
of Existing Site**

Site Location (NAD 27)

NL: 35° 10' 18"

WL: 85° 18' 59"

(35-10-18.3NL; 85-18-58.5WL NAD1983)

1988 ft/605 m



0 100 200ft



Chattanooga, TN – WYBK(FM) Vertical Plan of Antenna System

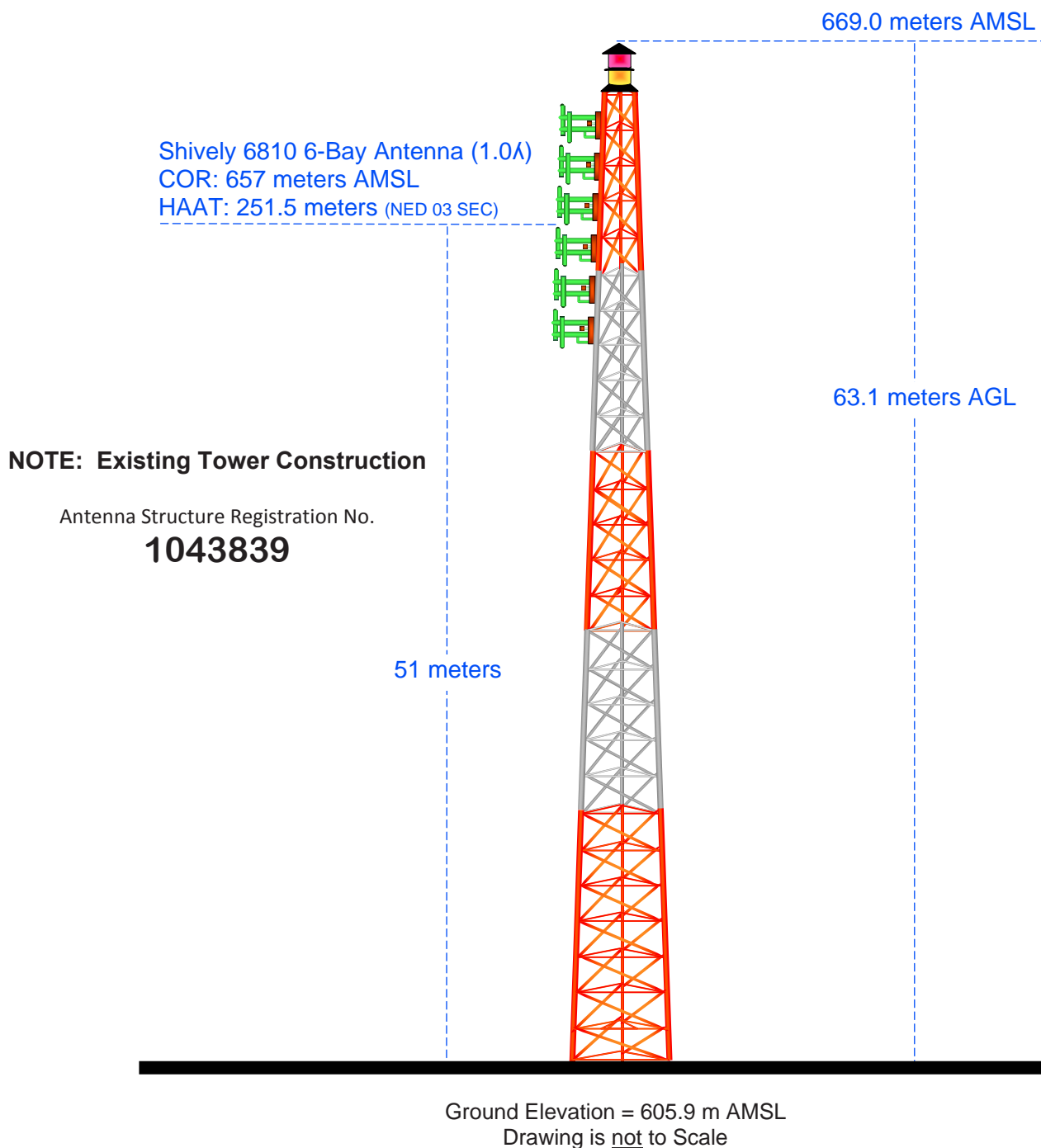
The site is located at 1005 Olsen Avenue;
the city of Walden, Hamilton County, Tennessee.

Site Location (NAD 27)

NL: 35° 10' 18"

WL: 85° 18' 59"

(35-10-18.3NL; 85-18-58.5WL NAD1983)



MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

Chattanooga, TN – WYBK(FM)

PROPOSED FM OPERATING SPECIFICATIONS

Applicant: Bible Broadcasting Network, Inc.

Call: WYBK(FM)

City of License: Chattanooga, TN

Frequency: 89.7 MHz **Channel:** 209C1 **ERP:** 100.0 kW **HAAT:** 251.5 m

Transmitter Location: The site is located at 1005 Olsen Avenue.

City: Walden

County: Hamilton

State: Tennessee

Site Coordinates: NL: 35° 10' 18" / WL: 85° 18' 59"

Tower Registration Number: 1043839

Proposed Operation: Class C1

Effective Radiated Power: 100.0 kW (H) 100.0 kW (V)

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	251.5 meters	657 meters	51 meters
Vertical	251.5 meters	657 meters	51 meters

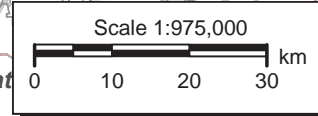
Elevation of Tower Site : 605.9 meters AMSL

Overall Height of Structure Above Ground : 63.1 meters AGL

Overall Height of Structure Above Mean Sea Level: 669.0 meters AMSL

Chattanooga, TN - WYBK(FM) Licensed Service Contour Study

Licensed 60 dBu F(50:50)



NED 03 SEC Terrain Database
US Census 2010 PL Database

WYBK(FM)
Chattanooga, TN
Corrected Operation
Facility ID: 65216
Latitude: 35-10-18 N
Longitude: 085-18-59 W
ERP: 100.00 kW
Channel: 209C1
Frequency: 89.7 MHz
AMSL Height: 657.0 m

60 dBu Contour
Total Population: 948,623
Total Area: 14,777 sq. km

HAAT Calculation included in Separate Showing

