

**Clinton, TN - WYFC(FM)
Copy of Existing ASR****Registration Detail**

Reg Number	1002311	Status	Constructed
File Number	A0905079	Constructed	01/01/1983
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type G TOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	36-04-18.6 N 084-01-18.5 W	Address	VERTIS LN 3 KM ESE
City, State	CLINTON , TN		
Zip	37849	County	KNOX
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
407.8	121.0
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
528.8	120.0

Painting and Lighting Specifications

FCC Paragraphs 1, 3, 12, 21

FAA Notification

FAA Study	2014-ASO-3729-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 28226

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

Last Action Status

Status	Constructed	Received	05/15/2014
Purpose	Notification	Entered	05/15/2014
Mode	Interactive		

Related Applications

05/15/2014 A0905079 - Notification (NT)
 05/13/2014 A0904918 - Modification (MD)
 08/27/2008 A0607709 - Admin Update (AU)

Related applications (4)

Comments**Comments**

05/14/2014 ADDED CONSTRUCTION DATE, ADDED FAA CLEARANCE DATA AND CLEARED STRUCTURE BASED ON OLD TOWER FILE RECORD 69848, FAA STUDY 83-ASO-0027-OE.

History

Date	Event
05/15/2014	Construction Notification Received
05/15/2014	Registration Printed
05/14/2014	Modification Received
All History (7)	

Automated Letters

05/15/2014	Authorization, Reference
08/28/2008	Authorization, Reference

**Clinton, TN - WYFC(FM)
USGS Aerial Photo-Map
of Existing Site**

Site Location (NAD 27)

NL: 36° 04' 18"

WL: 84° 01' 19"

(36-04-18.6NL; 84-01-18.5WL NAD1983)

▲ 1338 ft/408 m



0 100 200ft



MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339

USGS
The National Map

Clinton, TN – WYFC(FM)

Vertical Plan of Antenna System

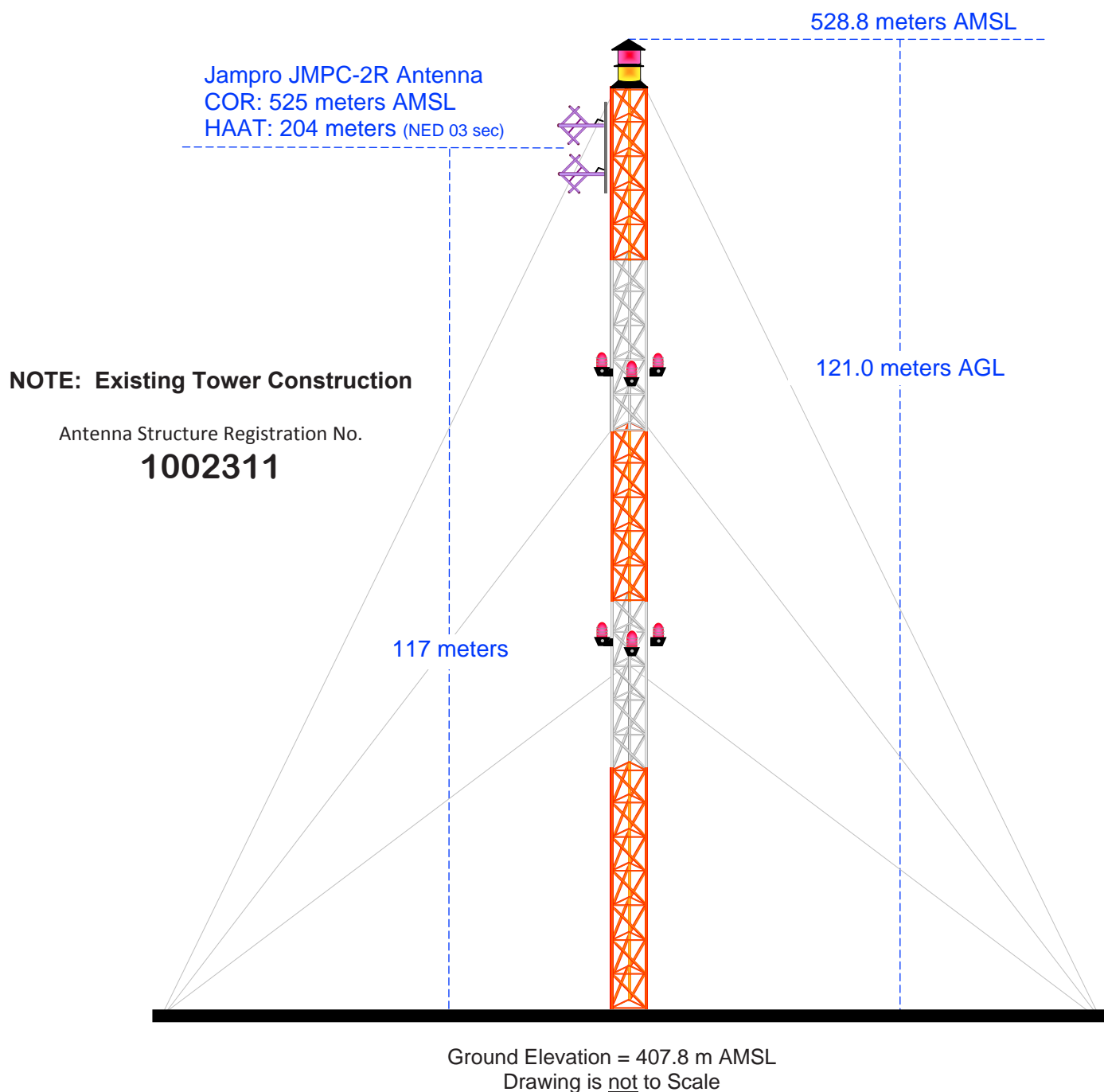
The site is located on Vertis Lane,
3 kilometers east-southeast of the city of
Clinton, Knox County, Tennessee.

Site Location (NAD 27)

NL: 36° 04' 18"

WL: 84° 01' 19"

(36-04-18.6NL; 84-01-18.5WL NAD1983)



MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

Clinton, TN – WYFC(FM)

PROPOSED FM OPERATING SPECIFICATIONS

Applicant: Bible Broadcasting Network, Inc.

Call: WYFC(FM)

City of License: Clinton, TN

Frequency: 95.3 MHz **Channel:** 237A **ERP:** 1.45 kW **HAAT:** 204 m

Transmitter Location: The site is located on Vertis Lane, 3 kilometers east-southeast of the city of Clinton.

City: Clinton

County: Knox

State: Tennessee

Site Coordinates: NL: 36° 04' 18" / WL: 84° 01' 19"

Tower Registration Number: 1002311

Proposed Operation: Class A

Effective Radiated Power: 1.45 kW (H) 1.45 kW (V)

Height of Antenna Radiation Center Above:

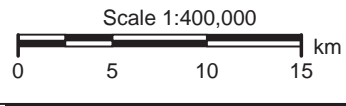
	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	204 meters	525 meters	117 meters
Vertical	204 meters	525 meters	117 meters

Elevation of Tower Site : 407.8 meters AMSL

Overall Height of Structure Above Ground : 121.0 meters AGL

Overall Height of Structure Above Mean Sea Level: 528.8 meters AMSL

Clinton, TN - WYFC(FM) Licensed Service Contour Study



NED 03 SEC Terrain Database
US Census 2010 PL Database

WYFC(FM)
Clinton, TN
Corrected Operation
Facility ID: 5153
Latitude: 36-04-18 N
Longitude: 084-01-19 W
ERP: 1.45 kW
Channel: 237A
Frequency: 95.3 MHz
AMSL Height: 525.0 m

70 dBμ Contour
Total Population: 282,544
Total Area: 843 sq. km

60 dBμ Contour
Total Population: 521,791
Total Area: 2,556 sq. km

N. Lat. = 360418.0 W. Lng. = 840119.0
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	314.8	210.2	1.4500	1.61	1.000
045	361.3	163.7	1.4500	1.61	1.000
090	341.8	183.2	1.4500	1.61	1.000
135	316.7	208.3	1.4500	1.61	1.000
180	324.5	200.5	1.4500	1.61	1.000
225	328.6	196.4	1.4500	1.61	1.000
270	285.3	239.7	1.4500	1.61	1.000
315	297.1	227.9	1.4500	1.61	1.000

Ave El= 321.26 M HAAT= 203.74 M AMSL= 525 M

