

High Point, NC - WHPE-FM

Copy of Existing ASR

**Registration Detail**

Reg Number	1002312	Status	Constructed
File Number	A0905372	Constructed	01/01/1987
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type G-TOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	35-55-11.0 N 080-01-46.4 W	Address	1714 TOWER AVE
City, State	HIGH POINT , NC		
Zip	27260	County	RANDOLPH
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
292.0	115.8
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
407.8	114.9

Painting and Lighting Specifications

FAA Chapters 3, 4, 5, 12
 Paint and Light in Accordance with FAA Circular Number 70/7460-1K

FAA Notification

FAA Study	2014-ASO-3733-OE	FAA Issue Date	05/15/2014
-----------	------------------	----------------	------------

Owner & Contact Information

FRN	0002060788	Owner Entity Type	Corporation
-----	------------	-------------------	-------------

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 BVLD
 CHARLOTTE , NC 28226

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

Last Action Status

Status	Constructed	Received	05/19/2014
Purpose	Notification	Entered	05/19/2014
Mode	Interactive		

Related Applications

05/19/2014	A0905372 - Notification (NT)
05/19/2014	A0905369 - Modification (MD)
11/06/2012	A0789402 - Notification (NT)

Related applications (6)

Comments**Comments**

10/11/1996	ADDED CONSTRUCTION DATE AND CLEARED STRUCTURE BASED ON OLD TOWER FILE RECORD 25538, NO FAA STUDY NUMBER.
------------	--

History

Date	Event
05/20/2014	Registration Printed
05/19/2014	ASR Application receipt email sent: Tower email
05/19/2014	Construction Notification Received
All History (11)	

Automated Letters

05/20/2014	Authorization, Reference
11/07/2012	Authorization, Reference
08/28/2008	Authorization, Reference

High Point, NC - WHPE-FM USGS Aerial Photo-Map of Existing Site

Site Location (NAD 27)

NL: 35° 55' 11"

WL: 85° 01' 47"

(35-55-11.0NL; 80-01-46.4WL NAD1983)

▲ 858 ft/292 m



0 200 400ft



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

USGS
The National Map

High Point, NC – WHPE-FM

Vertical Plan of Antenna System

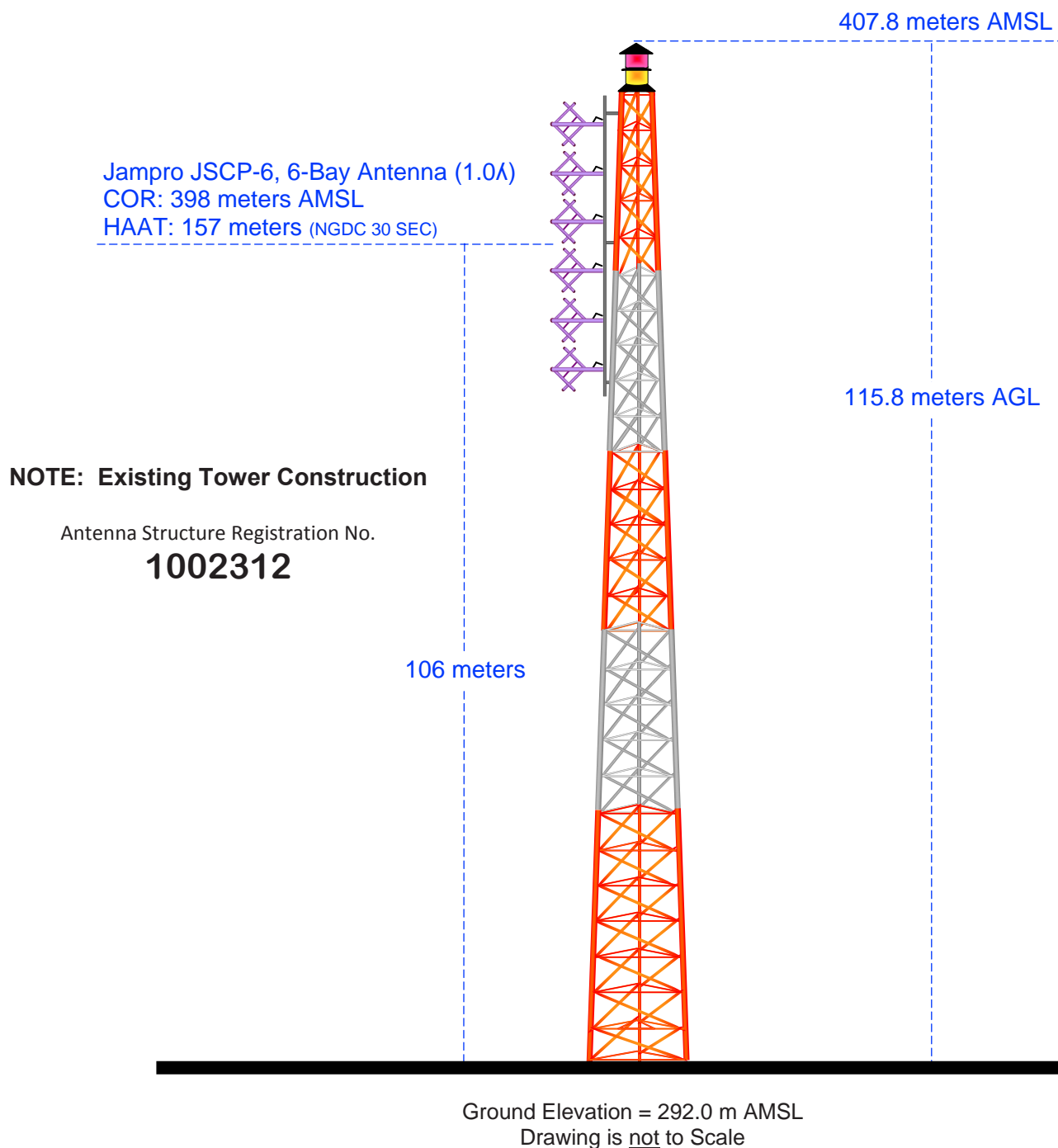
The site is located at 1714 Tower Avenue; the city of High Point, Randolph County, North Carolina.

Site Location (NAD 27)

NL: 35° 55' 11"

WL: 85° 01' 47"

(35-55-11.0NL; 80-01-46.4WL NAD1983)



MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

High Point, NC – WHPE-FM

PROPOSED FM OPERATING SPECIFICATIONS

Applicant: Bible Broadcasting Network, Inc.

Call: WHPE-FM

City of License: High Point, NC

Frequency: 95.5 MHz **Channel:** 238C1 **ERP:** 100.0 kW **HAAT:** 157 m

Transmitter Location: The site is located at 1714 Tower Avenue.

City: High Point

County: Randolph

State: North Carolina

Site Coordinates: NL: 35° 55' 11" / WL: 85° 01' 47"

Tower Registration Number: 1002312

Proposed Operation: Class C1

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

Height of Antenna Radiation Center Above:

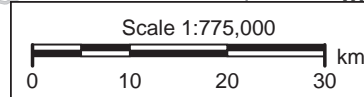
	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	157 meters	398 meters	106 meters
Vertical	157 meters	398 meters	106 meters

Elevation of Tower Site : 292.0 meters AMSL

Overall Height of Structure Above Ground : 115.8 meters AGL

Overall Height of Structure Above Mean Sea Level: 407.8 meters AMSL

High Point, NC - WHPE-FM Licensed Service Contour Study



NGDC 30 SEC Terrain Database
U.S. Census 2010 PL Database

WHPE-FM
High Point, NC
Corrected Operation
Facility ID: 5164
Latitude: 35-55-11 N
Longitude: 080-01-47 W
ERP: 100.00 kW
Channel: 238C1
Frequency: 95.5 MHz
AMSL Height: 398.0 m

70 dBμ Contour
Total Population: 1,054,346
Total Area: 4,785 sq. km

60 dBμ Contour
Total Population: 1,495,795
Total Area: 11,042 sq. km

N. Lat. = 355511.0 W. Lng. = 800147.0
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - NGDC 30 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field
000	253.4	144.6	100.0000	20.00	1.000
045	247.3	150.7	100.0000	20.00	1.000
090	238.4	159.6	100.0000	20.00	1.000
135	218.4	179.6	100.0000	20.00	1.000
180	228.4	169.6	100.0000	20.00	1.000
225	248.9	149.1	100.0000	20.00	1.000
270	240.4	157.6	100.0000	20.00	1.000
315	250.8	147.2	100.0000	20.00	1.000

Ave EL= 240.75 M HAAT= 157.25 M AMSL= 398 M

