

Roanoke, IN - WRNP(FM)

Copy of Existing Antenna Structure Registration

(Public Record Copy)

Registration Detail

Reg Number	1030882	Status	Constructed
File Number	A1202463	Constructed	10/01/2016
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type GTOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	40-58-54.7 N 085-16-40.7 W	Address	KRESS RD AT HWY 69
City, State	ROANOKE , IN	County	ALLEN
Zip	46783	Position of Tower in Array	
Center of AM Array			

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
250.0	104.6
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
354.6	104.6

Painting and Lighting Specifications

FCC Paragraphs A1, H, 3, 11, 21, 23

FAA Notification

FAA Study	2015-AGL-6857-OE	FAA Issue Date	09/08/2015
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Owner & Contact Information

FRN	0023816143	Owner Entity Type	Limited Liability Company
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Owner

Clearview Tower Company II, LLC
26 Yolanda Drive
Edison , NJ 08817

P: (732)744-0652
F:
E: smejia@clearviewtower.net

Contact

Mejia , Steven
26 Yolanda Drive
Edison , NJ 08817

P: (732)744-0652
F:
E: smejia@clearviewtower.net

Last Action Status

Status	Constructed	Received	09/16/2021
Purpose	Notification	Entered	09/16/2021
Mode	Interactive		

Related Applications

09/16/2021	A1202463 - Notification (NT)
09/16/2021	A1202462 - Notification (NT)
07/16/2021	A1196342 - Amendment (AM)

Related applications (10)

Comments

Comments

None

History

Date

09/16/2021
09/16/2021
03/20/2015
All History (16)

Event

Construction Notification Received
Construction Notification Received
Registration Printed

Pleadings

Pleading Type

None

Filer Name

Description

Date Entered

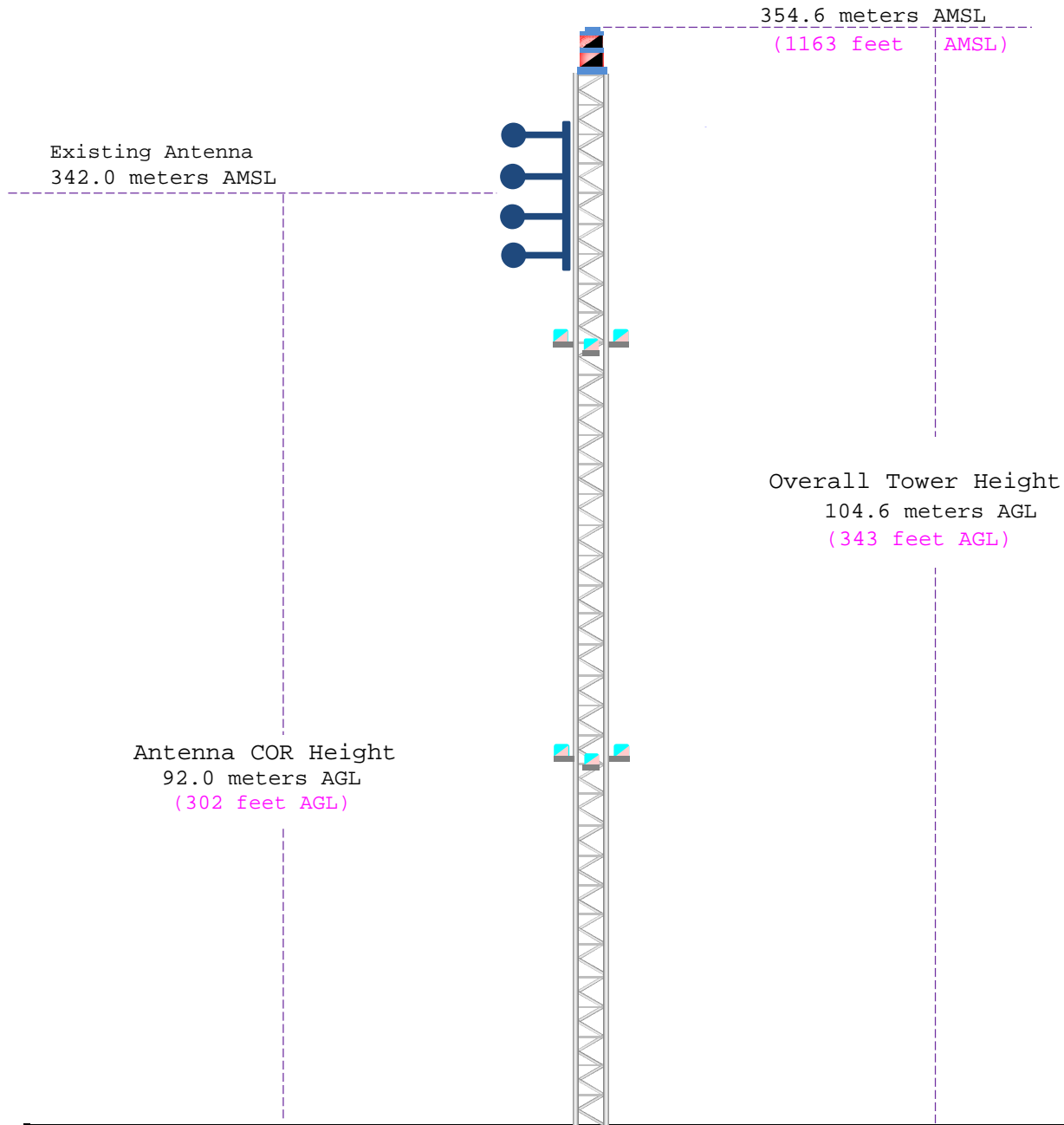
Automated Letters

03/20/2015	Ownership Change, Reference 854225
09/03/2014	Ownership Change, Reference 821782
10/14/2004	Ownership Change, Reference 364656

All letters (7)

Roanoke, IN - WRNP(FM)

Vertical Plan of Antenna System and Support Tower



Ground Elevation: 250.0 meters AMSL (820 feet AMSL)		
Address: KRESS RD AT HWY 69		
City: ROANOKE	Latitude (D M S) Longitude (D M S)	
County: ALLEN	--- (NAD 1927)	
State: INDIANA	Lat/Long: 40-58-54.7 N 085-16-40.7 W (NAD 1983)	
Antenna Structure Registration 1030882	Drawing Is Not To Scale	Asher Broadcast Consulting, LLC justinasher@consultant.com 1(202)875-2986

Roanoke, IN - WRNP(FM)

HAAT and Miscellaneous Coordinate Information

HAAT Calculation (NAD 1983):

N. Lat. = 405854.7 W. Lng. = 851640.7
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - NED 03 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	252.8	89.2	3.4000	5.31	1.000	23.59
045	232.4	109.6	3.4000	5.31	1.000	25.99
090	240.5	101.5	3.4000	5.31	1.000	25.09
135	249.9	92.1	3.4000	5.31	1.000	23.96
180	247.6	94.4	3.4000	5.31	1.000	24.25
225	239.8	102.2	3.4000	5.31	1.000	25.18
270	248.4	93.6	3.4000	5.31	1.000	24.15
315	251.9	90.1	3.4000	5.31	1.000	23.71

Ave El= 245.39 M HAAT= 96.61 M AMSL= 342 M

NAD 1983 to NAD 1927 Conversion:

Various Coordinate Conversion Calculations (NAD 1983):

Position Type	Lat Lon
Degrees Lat Long	40.9818611°, -085.2779722°
Degrees Minutes	40°58.91167', -085°16.67833'
Degrees Minutes Seconds	40°58'54.7000", -085°16'40.7000"
UTM	16T 644867mE 4538171mN
UTM centimeter	16T 644867.96mE 4538171.43mN
MGRS	16TFL4486738171
Grid North	1.1°
GARS	190LX13
Maidenhead	EN70IX65PP45
GEOREF	GJEL43325891
Plus Code	86GPXPJC+PR
Plus Code Extended	86GPXPJC+PRRH82H
what3words	queens.teller.funds

**Roanoke, IN - WRNP(FM)
Service Contour Study:
Proposed (Corrected) Operation**

WRNP.P
Roanoke, IN
Proposed (Corrected) Operation
Facility ID: 46434
Latitude: 40-58-54.70 N
Longitude: 085-16-40.70 W
ERP: 3.40 kW
Channel: 231A (94.1 MHz)
AMSL Height: 342.0 m
Horiz. Pattern: Omni

70 dBμ F(50:50) Contour
Total Population: 105,919
Total Area: 580.8 sq. km

60 dBμ F(50:50) Contour
Total Population: 343,326
Total Area: 1,874.2 sq. km

NED 03 SEC Terrain Database
US Census 2020 PL Database
NED 1983 Coordinate Datum

Terrain
203 308 m

Scale 1:300,000
0 5 10 15 km

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