

One State Street
Hartford, CT 06103
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts
and New York

June 5, 2025

Via Electronic Mail and U.S. Mail

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

**Re: Notice of Exempt Modification
Plainville Balloon Festival – Temporary Telecommunications Facility
Charles Norton Park – 197 South Washington Street, Plainville, Connecticut**

Dear Attorney Bachman:

Pursuant to R.C.S.A. Section 16-50j-72(d), this letter will serve as notice that Cellco Partnership d/b/a Verizon Wireless (“Cellco”) intends to install a temporary wireless facility (a/k/a “Cell on Wheels” or “COW”) for use during the 2025 Plainville Hot Air Balloon Festival, August 22-23, 2025. Cellco would set up the COW on August 11, 2025 and remove the COW on August 25, 2025.

Cellco intends to install the COW in a gravel parking area in Charles Norton Park adjacent to Madley Court at 197 South Washington Street (the “Property”). Included in Attachment 1 is a letter from the Town of Plainville Fire Company authorizing the installation of the COW. In accordance with R.C.S.A. Section 16-50j-73, a copy of this filing has been sent to Michael Paulhus, Town Manager, Evan Breining, Town Planner, and the Plainville Fire Company. The Town of Plainville is the owner of the Property.

The COW that Cellco intends to install at the Property is a trailer-mounted wireless facility with a retractable mast. Cellco will install a total of three (3) panel antennas at the top of the mast, at a centerline height of 34’ above ground level. The COW will be powered by a portable diesel generator. Included in Attachment 2 is a Lease Exhibit showing the proposed COW location and antenna details.

32329558-v1

Robinson+Cole

Melanie A. Bachman, Esq.

June 5, 2025

Page 2

The proposed temporary telecommunications facility satisfies the criteria set forth in R.C.S.A. Section 16-50j-72(d), as a facility that will provide temporary wireless service for an event of State-wide significance. The COW will provide additional network capacity to accommodate increased wireless voice and data services needed during the event.

The operation of the COW will not result in a total radio frequency (RF) emissions level that exceed the Federal Communications Commission (FCC) safety standard. Included in Attachment 3 are Far Field Approximation Tables for the frequencies Cellco intends to deploy at this temporary facility. These tables demonstrate that the temporary facility will operate well within the FCC standard for RF emissions.

Finally, in Attachment 4 is a copy of the Town Assessor's parcel map including owner information for the Property. In accordance with R.C.S.A. Section 16-50j-73, a copy of this filing has been sent to municipal officials and the Property owner. (See Attachment 5).

Based on the foregoing, Cellco respectfully requests acknowledgement of this notice for the installation of a temporary wireless facility at the Property. Please feel free to contact me if you have any questions or need any additional information.

Sincerely,



Kenneth C. Baldwin

Attachments

Copy to:

Michael Paulhus, Town Manager
Evan Breining, Town Planner
Plainville Fire Company
Daniel Fitzpatrick, Verizon Wireless

ATTACHMENT 1

PLAINVILLEBALLOON_CT_2025 / 5000928928

THE PLAINVILLE FIRE COMPANY, INC.
77 West Main Street
Plainville, CT 06062

**RE: Evidence of Agreement and Landowner's Consent to File for
Permits/Approvals to be Granted to Cellco Partnership d/b/a Verizon
Wireless**

To Whom It May Concern:

The Plainville Fire Company, Inc. is the lessee of certain real property located in the Town of Plainville at 0 Norton Park Drive and identified as Map/Block/Lot 40-A-38 on the tax map of the Town of Plainville ("Subject Property").

Please be advised that Plainville Fire Company, Inc. has entered into an agreement with Cellco Partnership d/b/a Verizon Wireless ("Applicant") to install a temporary wireless communications facility on a portion of the Subject Property, and permission is hereby granted to Applicant to make application for Building, Zoning, Planning, or any other Land Use or Regulatory Permit(s) required to effectuate the installation of said wireless facility.

The Applicant, or its agent, is hereby authorized to execute the required application(s) regarding this matter. Permission is also hereby granted for public officials and Board, Commission or Council members, as required, to enter upon the Subject Property for the limited purpose of inspecting the specific site and access that are the subject of Applicant's proposed installation.

Sincerely,

THE PLAINVILLE FIRE COMPANY, INC.

By: 
Name: JOHN MYSKA
Title: CAPTAIN
Date: 06/04/2025

ATTACHMENT 2

LEASE EXHIBIT



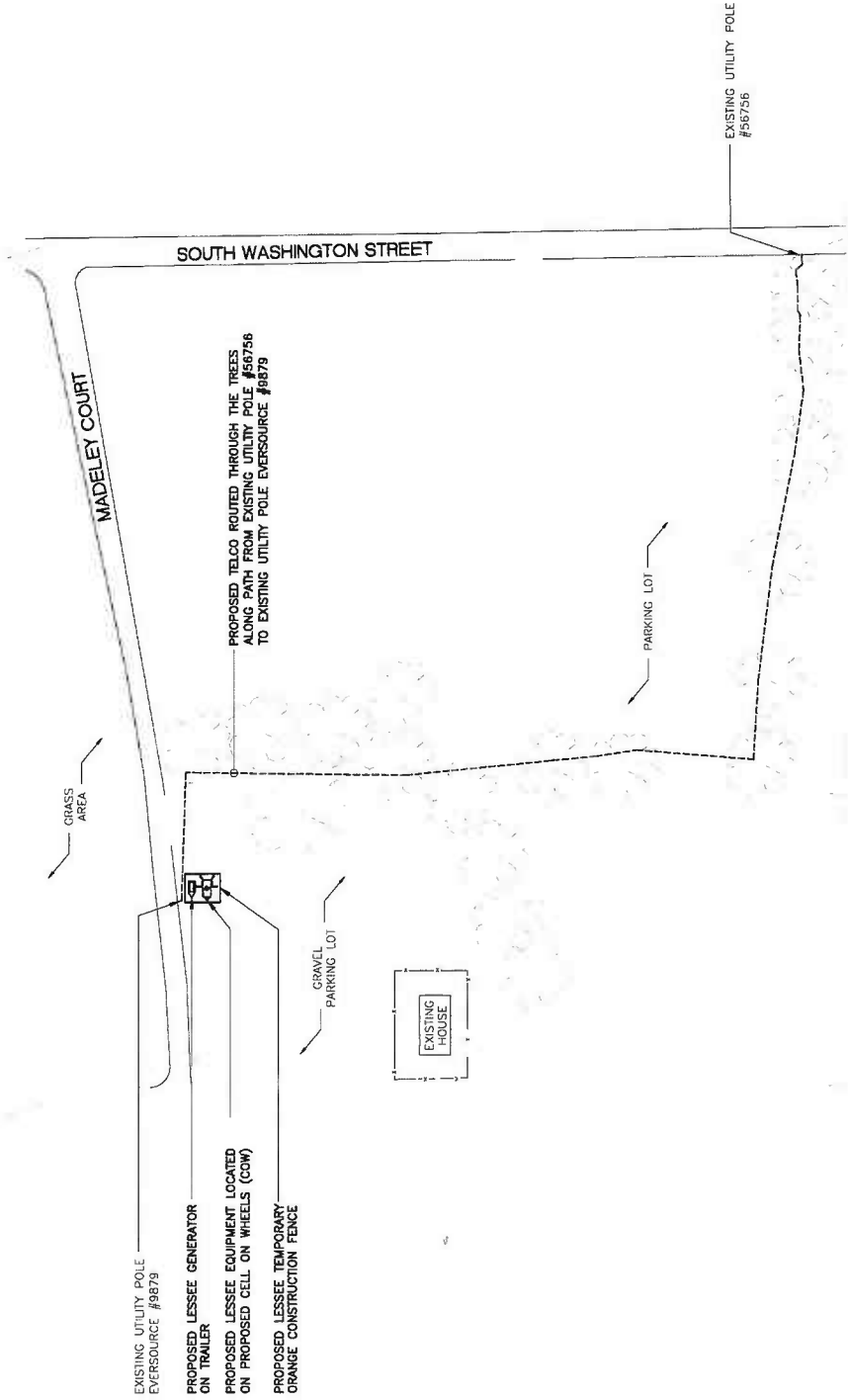
SM-2077 NO. L-1

NOTES:

1. THE PROPOSED LESSEE ANTENNA INSTALLATION TO CONSIST OF A TOTAL OF (3) PANEL ANTENNAS, ASSOCIATED RRH APPURTENANCES & CABLING, CABLING TO FOLLOW EXISTING ROUTING PATH.
2. LESSEE POWER AND TELCO UTILITIES SHALL BE ROUTED FROM EXISTING DEMARCS LOCATED WITHIN OR ADJACENT TO THE PROPOSED COMMUNICATIONS FACILITY.
3. THE PROPOSED LESSEE GROUND INSTALLATION TO CONSIST OF EQUIPMENT CABINETS, ASSOCIATED TELCO AND POWER CABINETS MOUNTED ON A PROPOSED CELL ON WHEELS (COW) WITH A BACKUP ROLL-UP GENERATOR.

LEASE EXHIBIT

THIS LEASE PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED LESSEE WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF SITE SURVEY AND FACILITY DESIGN.



1
L-2
PROPOSED PARTIAL SITE PLAN
SCALE: 1" = 100'-0"
NORTH

REV	DATE	DESCRIPTION	BY	CHKD
1	04/08/23	ISSUED FOR CLIENT REVIEW		



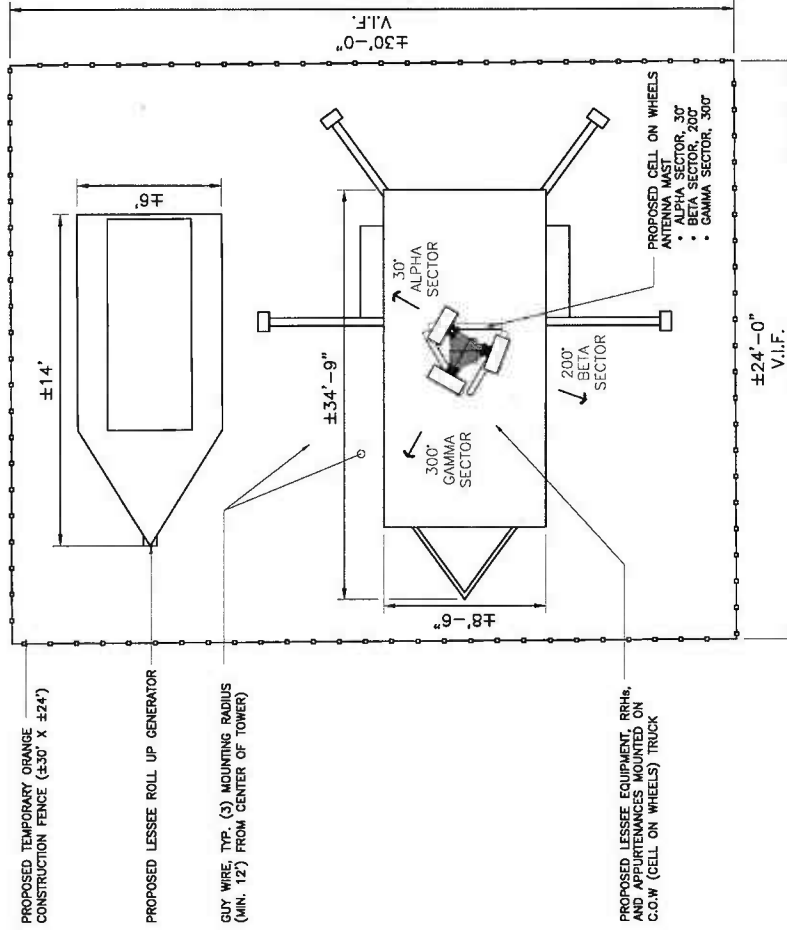
CENTEK engineering
 Centek on So. I-95
 1201 488-0520
 1201 488-5587 Fax
 53-2 North Branch Road, Branford, CT 06465
 www.Centekeng.com

Verizon Wireless
 PLAINVILLE BALLOON CT 2025
 197 S WASHINGTON STREET
 PLAINVILLE, CT 06062

SHEET NO.
L-2

LEASE EXHIBIT

THIS LEASE PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED LESSEE WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF SITE SURVEY AND FACILITY DESIGN.



1 PROPOSED EQUIPMENT PLAN
L-3 SCALE: 1" = 5'-0"

REV.	DATE	BY	CHKD.	APP'D.	REVISION
1	04/08/25	SPG	TAR		LEASE EXHIBIT - ISSUED FOR CLIENT REVIEW



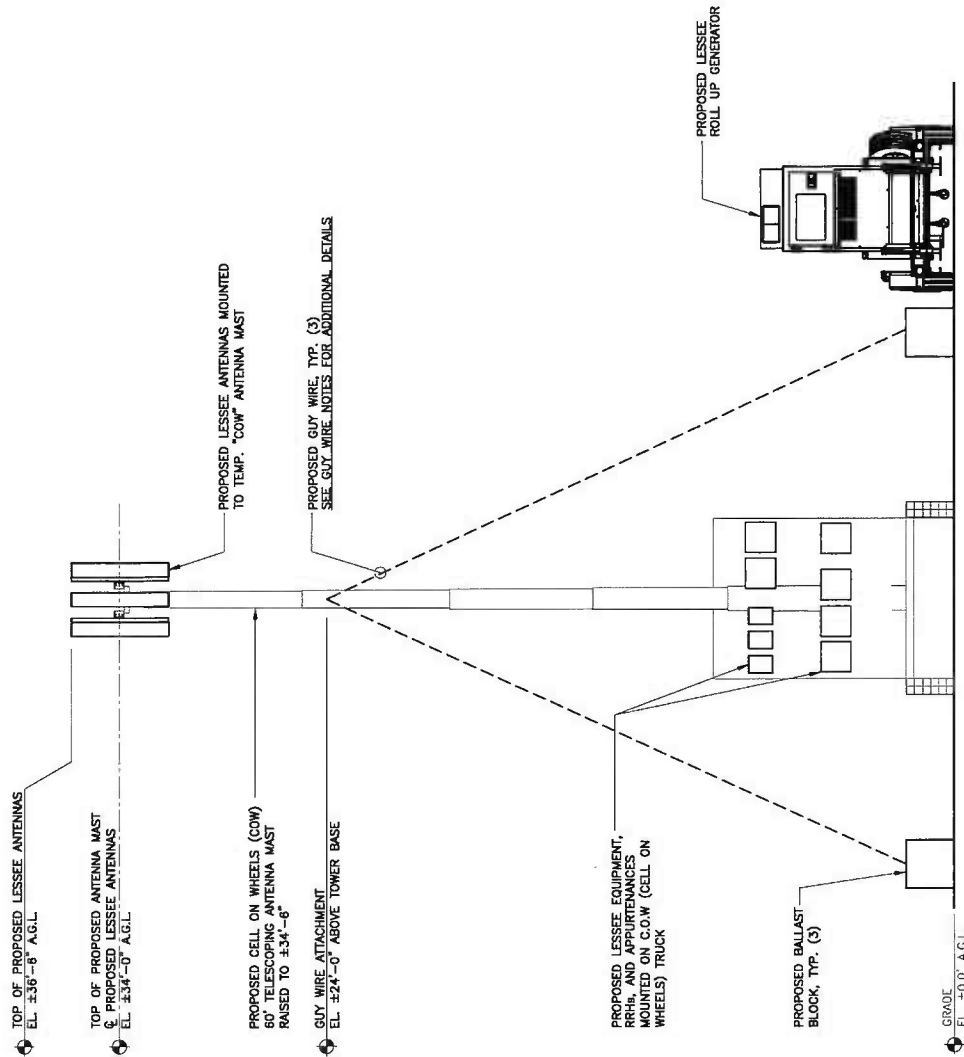
CENTER engineering
www.CenterEng.com
203.455.0560
1203.455.8587 Fax
63-2 North Branford Road, Branford, CT 06405

Verizon Wireless
PLAINVILLE BALLOON CT 2025
PLAINVILLE, CT 06062
197 S WASHINGTON STREET

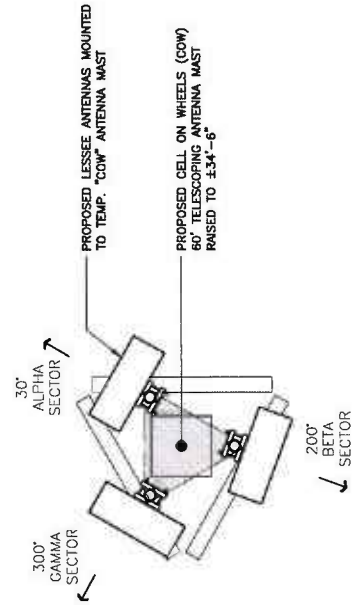
SHEET NO. **L-3**
DATE: 04/08/25
SCALE: AS SHOWN
JOB NO. 20024.04

THIS LEASE PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED LESSEE WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF SITE SURVEY AND FACILITY DESIGN.

- GUY WIRE NOTES:
1. 1/4" EHS GUY WIRES
 2. TOTAL OF 3 GUY WIRES @120° APART
 3. MINIMUM RADIUS FROM CENTER OF TOWER - 12'-0"
 4. GUY WIRE ATTACHED TO TOWER @24'-0" ABOVE BASE
 5. PROVIDE 2x2x6" (3500 LBS.) BALLAST BLOCK @ EACH GUY WIRE LOCATION. (TOTAL 3)



1 PROPOSED ANTENNA MAST ELEVATION
L-4 SCALE: 1" = 5'-0"



2 PROPOSED ANTENNA PLAN
L-4 SCALE: 1/2" = 1'-0"

[illegible]

WATERBURY, CONNECTICUT

CENTER engineering
Contacted on 50 Lions -
(703) 458-0580
(703) 458-587 Fax
63-2 North Brandon Road, Brandon, CT 06405
www.CenterEng.com

PLAINVILLE BALLOON CT 2025 197 S WASHINGTON STREET PLAINVILLE, CT 06062	DATE	04/06/25
	SCALE	AS SHOWN
VERTON WRITINGS	NO. 108	25023

SHEET NO.
L-4

NNH4SS-45A-R3BT8



16-port sector antenna, 4x 698–896, 8x 1695–2360 and 4x 3550–3700 MHz, 45° HPBW, 3x RETs and 3x SBTs.

- Features broadband Low Band (698-896 MHz), Mid Band(1695-2360 MHz) and High Band (3550-3700 MHz) arrays for 4T4R (4X MIMO) capability for bands 5, 13, 25, 66 and 48. Also covers bands 12, 14, 29, and 30
- Perfect antenna to add 3.5GHz CBRS to macro sites
- Array configuration provides capability for 4T4R (4X MIMO) on Low Band, dual 4T4R (4X MIMO) on Mid Band and 4T4R (4X MIMO) on High Band
- Excellent wind loading characteristics
- Non-stacked mid band array design provides higher gain and narrower vertical beamwidth than traditional antenna designs

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light Gray (RAL 7035)
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
Radome Material	Fiberglass, UV resistant
Radiator Material	Low loss circuit board
Reflector Material	Aluminum
RF Connector Interface	4,3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, mid band	8
RF Connector Quantity, low band	4
RF Connector Quantity, total	16

Remote Electrical Tilt (RET) Information

RET Hardware	CommRET v2
RET Interface	8-pin DIN Female 8-pin DIN Male
RET Interface, quantity	3 female 3 male
Input Voltage	10–30 Vdc

NNH4SS-45A-R3BT8

Internal Bias Tee	Port 1 Port 5 Port 7
Internal RET	Low band (1) Mid band (2)
Power Consumption, active state, maximum	10 W
Power Consumption, idle state, maximum	2 W
Protocol	3GPP/AISG 2.0

Dimensions

Width	457 mm 17.992 in
Depth	178 mm 7.008 in
Length	1399 mm 55.079 in
Net Weight, antenna only	29.5 kg 65.036 lb

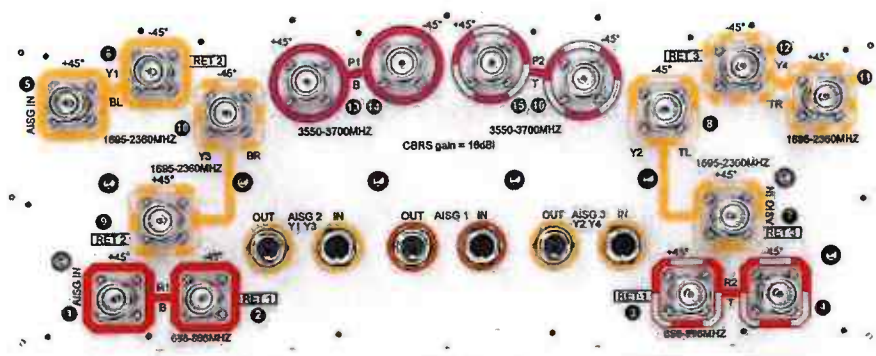
Array Layout



Array ID	Frequency (MHz)	RF Connector	RET (RET1)	AISG No.	AISG RET UID
Y1	698-896	1 - 2	1	AISG1	CPXXXXXXXXXXXXR1
Y2	698-896	3 - 4	1	AISG1	CPXXXXXXXXXXXXR1
Y3	1695-2360	5 - 6	2	AISG2	CPXXXXXXXXXXXXY1
Y4	1695-2360	7 - 8	2	AISG2	CPXXXXXXXXXXXXY1
Y1	1695-2360	9 - 10	3	AISG3	CPXXXXXXXXXXXXY2
Y2	1695-2360	11 - 12	3	AISG3	CPXXXXXXXXXXXXY2
Y3	3550-3700	13 - 14	N/A	NA	N/A
Y4	3550-3700	15 - 16	N/A	NA	N/A

(Sizes of colored holes are for 0.125" (3.175 mm) pitch)

Port Configuration



NNH4SS-45A-R3BT8

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2360 MHz 3550 – 3700 MHz 698 – 896 MHz
Polarization	±45°
Total Input Power, maximum	1,600 W @ 50 °C

Electrical Specifications

Frequency Band, MHz	698–806	806–896	1695–1880	1850–1990	1920–2180	2300–2360	3550–3700
Gain, dBi	12.7	13.3	15.3	15.7	16.3	16.5	15
Beamwidth, Horizontal, degrees	48	44	44	41	39	37	45
Beamwidth, Vertical, degrees	36	30.4	14.5	13.6	12.8	11.1	15.6
Beam Tilt, degrees	2–18	2–18	0–10	0–10	0–10	0–10	8
USLS (First Lobe), dB	19	17	16	17	16	15	16
Front-to-Back Ratio at 180°, dB	33	30	31	32	31	30	31
Isolation, Cross Polarization, dB	25	25	25	25	25	25	25
Isolation, Inter-band, dB	25	25	25	25	25	25	25
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153	-145
Input Power per Port at 50°C, maximum, watts	300	300	250	250	250	200	100

Electrical Specifications, BASTA

Frequency Band, MHz	698–806	806–896	1695–1880	1850–1990	1920–2180	2300–2360	3550–3700
Gain by all Beam Tilts, average, dBi	12.1	13	14.7	15.3	15.8	16	14.5
Gain by all Beam Tilts Tolerance, dB	±0.8	±0.5	±0.8	±0.6	±0.7	±0.6	±1.6
Beamwidth, Horizontal Tolerance, degrees	±3	±2.8	±3.7	±2.5	±3.1	±3	±4.3
Beamwidth, Vertical Tolerance, degrees	±3.5	±2.6	±1.1	±0.8	±1	±0.7	±1.2
Front-to-Back Total Power at 180° ± 30°, dB	25	23	23	25	25	25	32
CPR at Boresight, dB	20	20	17	18	18	20	14

NNH4SS-45A-R3BT8

CPR at 10 dB Horizontal Beamwidth, dB	14	12	7	9	10	11	10
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Mechanical Specifications

Effective Projective Area (EPA), frontal	0.74 m ² 7.965 ft ²
Effective Projective Area (EPA), lateral	0.15 m ² 1.615 ft ²
Wind Loading @ Velocity, frontal	788.0 N @ 150 km/h (177.1 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	159.0 N @ 150 km/h (35.7 lbf @ 150 km/h)
Wind Loading @ Velocity, maximum	788.0 N @ 150 km/h (177.1 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	692.0 N @ 150 km/h (155.6 lbf @ 150 km/h)
Wind Speed, maximum	241 km/h (150 mph)

Packaging and Weights

Width, packed	563 mm 22.165 in
Depth, packed	355 mm 13.976 in
Length, packed	1572 mm 61.89 in
Weight, gross	42 kg 92.594 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

BSAMNT-3	–	Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.
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* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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ATTACHMENT 3

Location	Plainville Balloon Fest COW CT				
Date	5/20/2025				
Band	CBRS	AWS	PCS	850	700
Operating Frequency (MHz)	3.550	2.145	1.970	869	746
General Population MPE (mW/cm ²)	1	1	1	0.57933333	0.49733333
ERP Per Transmitter (Watts)	50	892	797	452	322
Number of Transmitters	4	4	4	4	4
Antenna Centerline (CL) (feet)	34	34	34	34	34
Total ERP (Watts)	200	3,568	3,188	1,808	1,288
Total ERP (dBm)	53	66	65	63	61

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.1310 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz
mW/cm² = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:

1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period;
3. calculation takes into account a point of interest of 2m or 6.56ft

RF Exposure 6.56ft Above Ground Level
Far Field Formula (per FCC OET65)

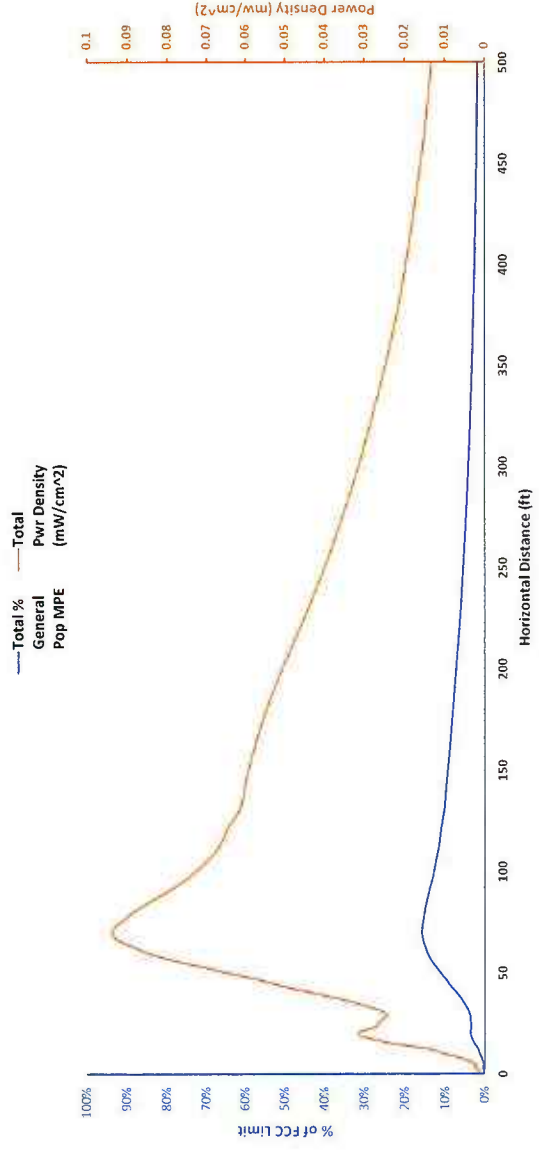
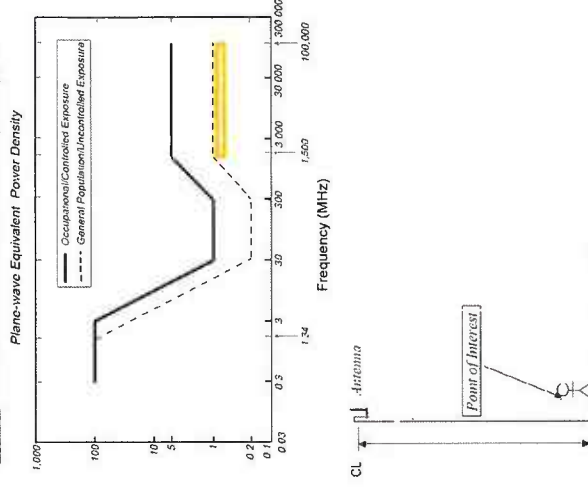


Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)



Angle Below Horizon	Power Density (mW/cm ²)					Percent of General Population					Distance	Total Pwr Density (mW/cm ²)	Total % General Population
	CBRS	AWS	PCS	850	700 MHz	CBRS	AWS	PCS	Cellular	PCS			
90	1.00024E-05	0.000209653	0.000132615	0.000540139	0.000181548	0.00%	0.00%	0.01%	0.11%	0.04%	0	0.001173957	0.18%
89	1.04705E-05	0.000224576	0.00015467	0.000734744	0.000213233	0.00%	0.00%	0.01%	0.13%	0.04%	0.488741818	0.00129849	0.20%
88	9.32298E-06	0.000224362	0.000105207	0.000862428	0.00022307	0.00%	0.00%	0.01%	0.15%	0.04%	0.977781546	0.001424389	0.23%
87	1.25564E-05	0.000275588	0.000138469	0.000932643	0.000244203	0.00%	0.00%	0.02%	0.16%	0.05%	1.46741782	0.00159346	0.25%
86	1.72942E-05	0.000425888	0.000218972	0.001009412	0.000267169	0.00%	0.00%	0.04%	0.17%	0.05%	1.957950734	0.001938735	0.29%
85	2.02609E-05	0.000642766	0.000281285	0.001006529	0.000266406	0.00%	0.00%	0.06%	0.17%	0.05%	2.449682579	0.002217247	0.32%
84	2.66157E-05	0.000864039	0.000329327	0.000980183	0.000277987	0.00%	0.00%	0.09%	0.17%	0.06%	2.942918587	0.002478152	0.35%
83	3.26093E-05	0.001034513	0.000351422	0.000919882	0.000283287	0.00%	0.00%	0.10%	0.16%	0.06%	3.437967705	0.002612814	0.36%
82	3.8266E-05	0.001103213	0.000357893	0.000789847	0.0003021	0.00%	0.00%	0.11%	0.14%	0.06%	3.935143372	0.002581118	0.35%
81	2.08405E-05	0.0011228	0.000381413	0.00042177	0.000300465	0.00%	0.00%	0.11%	0.14%	0.06%	4.434764329	0.002247288	0.29%
80	1.76307E-05	0.001195814	0.000511396	0.000438973	0.000327457	0.00%	0.00%	0.12%	0.08%	0.07%	4.93715546	0.002491271	0.31%
79	1.59716E-05	0.001461309	0.000717523	0.000467214	0.00036495	0.00%	0.00%	0.15%	0.07%	0.07%	5.442648656	0.003026967	0.37%
78	2.34499E-05	0.001868684	0.000938922	0.000496946	0.000406468	0.00%	0.00%	0.19%	0.09%	0.08%	5.951583727	0.00373447	0.45%
77	2.67084E-05	0.002177956	0.00105943	0.000528222	0.000442114	0.00%	0.00%	0.22%	0.11%	0.09%	6.464309352	0.004269271	0.51%
76	2.58742E-05	0.00242249	0.001162399	0.001069142	0.000514936	0.00%	0.00%	0.24%	0.12%	0.10%	6.98118408	0.005194841	0.65%
75	2.56328E-05	0.002512986	0.00112534	0.001496111	0.000613312	0.00%	0.00%	0.27%	0.11%	0.12%	7.502577388	0.005773381	0.75%
74	2.36827E-05	0.002727881	0.001088727	0.001998016	0.000713373	0.00%	0.00%	0.27%	0.11%	0.14%	8.028870801	0.006551678	0.87%
73	3.38665E-05	0.003098597	0.001077106	0.002376505	0.000810319	0.00%	0.00%	0.31%	0.11%	0.16%	8.560459081	0.007396993	0.99%

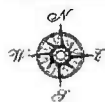
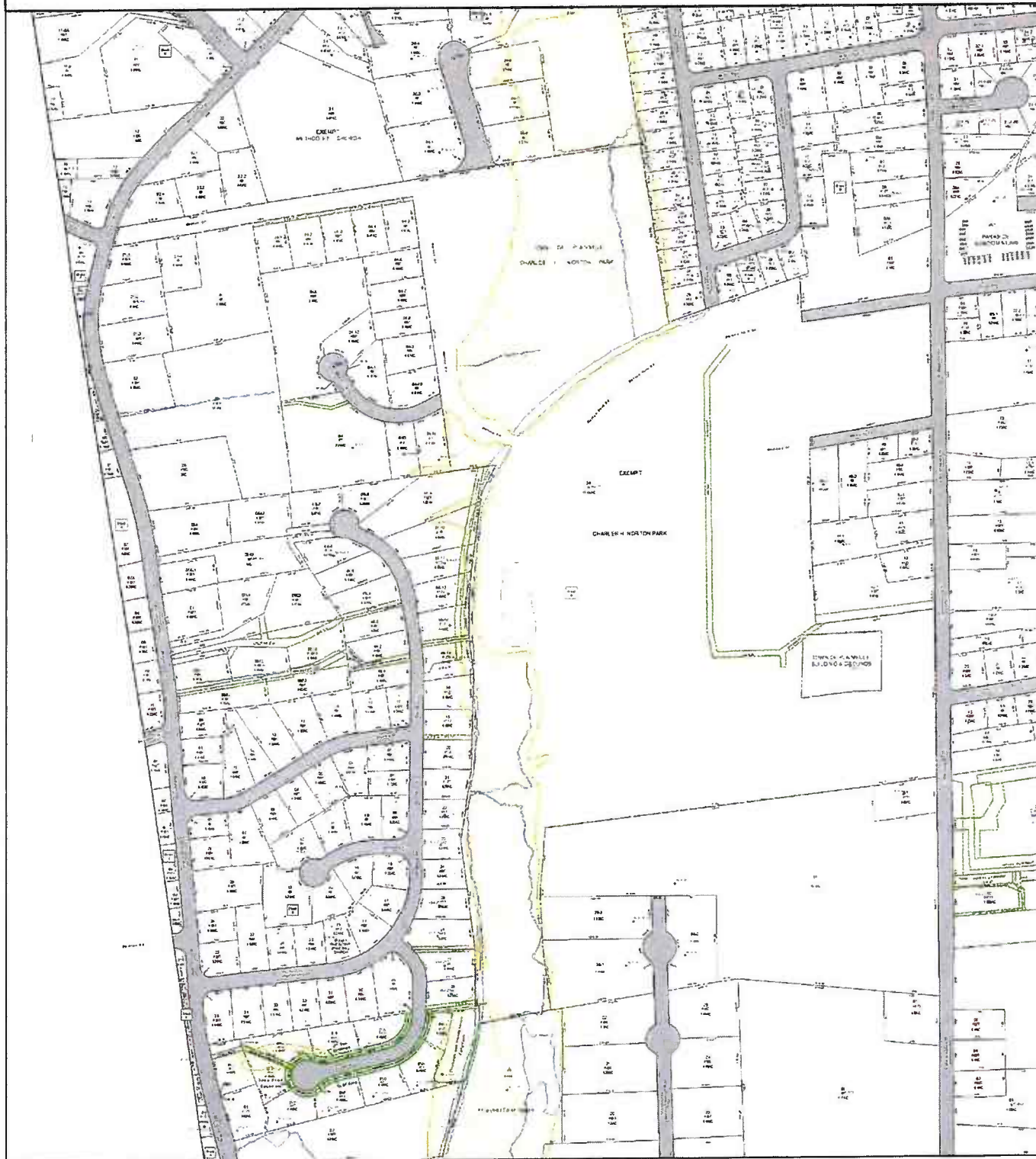
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ATTACHMENT 4

Town of Plainville, Connecticut - Assessment Parcel Map

Parcel: 40-A-38

Address: 0 NORTON PARK RD



0 180 360 540 720

Feet

Approximate Scale:
1 inch = 458 feet

Map Produced May 2023

Disclaimer: This map is for informational purposes only. All information is subject to verification by any user.
The Town of Plainville and its mapping contractors assume no legal responsibility for the information contained herein.

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2021.



Information on the Property Records for the Municipality of Plainville was last updated on 6/30/2023.

Property Summary Information

Parcel Data And Values Building ▾ Outbuildings Sales Permits

Parcel Information

Location:	0 NORTON PARK RD	Property Use:	Public Use	Primary Use:	Town Owned
Unique ID:	R07093	Map Block Lot:	40-A-38	Acres:	75.6900
490 Acres:	0.00	Zone:	R-20	Volume / Page:	0134/0097
Developers Map / Lot:		Census:	4201		

Value Information

	Appraised Value	Assessed Value
Land	1,761,500	1,233,030
Buildings	434,300	304,000
Detached Outbuildings	194,100	135,900
Total	2,389,900	1,672,930

Owner's Information

Owner's Data

PLAINVILLE TOWN OF
NORTON PARK
1 CENTRAL SQ
PLAINVILLE, CT 06062

[Back To Search](#)

[View Field Card](#)

[Print View](#)

Information Published With Permission From The Assessor

ATTACHMENT 5



Certificate of Mailing — Firm

Name and Address of Sender Kenneth C. Baldwin, Esq. Robinson & Cole LLP One State Street Hartford, CT 06103		TOTAL NO. of Pieces Listed by Sender 3	TOTAL NO. of Pieces Received at Post Office™ 3	Affix Stamp Here <i>Postmark with Date of Receipt.</i> 			
		Postmaster, per (name of receiving employee) 					
USPS® Tracking Number Firm-specific Identifier		Address (Name, Street, City, State, and ZIP Code™)		Postage	Fee	Special Handling	Parcel Airlift
1.		Michael Paulhus, Town Manager					
		Town of Plainville					
		1 Central Square Plainville, CT 06062					
2.		Evan Breining, Town Planner					
		Town of Plainville					
		1 Central Square Plainville, CT 06062					
3.		The Plainville Fire Company					
		77 West Main Street					
		Plainville, CT 06062					
4.							
5.							
6.							

