Robinson+Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

June 5, 2025

Via Electronic 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 - Bridgewater Fair**
111 Lovers Lane, Guilford, Connecticut
Temporary Telecommunications Facility

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") on property at 111 Lovers Lane in Guilford, Connecticut (the "Property") for use during the Guilford Fair, from September 19-21, 2025. Cellco intends to install the COW at the Property on September 8, 2025 and remove it on September 22, 2025.

Cellco intends to install the COW in a grassy area adjacent to an access road on the Property. The Property is owned by the Guilford Agricultural Society ("GAS"). Included in Attachment 1 is a letter from the GAS authorizing the filing of this notice. In accordance with R.C.S.A. Section 16-50j-73, a copy of this filing has also been sent to Matthew T. Hoey, III, Guilford's First Selectman, Anne Hartjen, Guilford's Town Planner, and the GAS, the property owner.

The COW that Cellco intends to install at the Property is a trailer-mounted wireless facility with a retractable mast. Cellco will attach eight (8) panel antennas to the mast, four (4) at a centerline height of 35 feet above ground level ("AGL") and four (4) at a centerline height of

30 feet AGL. The COW will be powered using electric service on the Property. Included in Attachment 2 is a Lease Exhibit showing the proposed COW, its location on the Property and specifications for the antennas and radios that Cellco intends to use.

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 services 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 fair.

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 standards.

Finally, in Attachment 4 is a copy of the Town Assessor's parcel map including owner information for the Property. A Certificate of Mailing verifying that this filing was sent to municipal officials and the Property owner is included in 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:
Matthew T. Hoey, III, First Selectman
Anne Hartjen, Town Planner
Guilford Agricultural Society
Daniel Fitzpatrick, Verizon Wireless
Mark Brauer, RF Engineer
Brian Ross, Structure Consulting

ATTACHMENT 1

GUILFORD_CT_FAIR_COW_2025 / 5000969722

GUILFORD AGRICULTURAL SOCIETY
PO Box 290
Guilford, CT 06437

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 Guilford Agricultural Society is the owner of certain real property located in the Town of Guilford at 111 Lovers Lane and identified as Map/Block/Lot 04/01/38 on the tax map of the Town of Guilford ("Subject Property").

Please be advised that Guilford Agricultural Society 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,

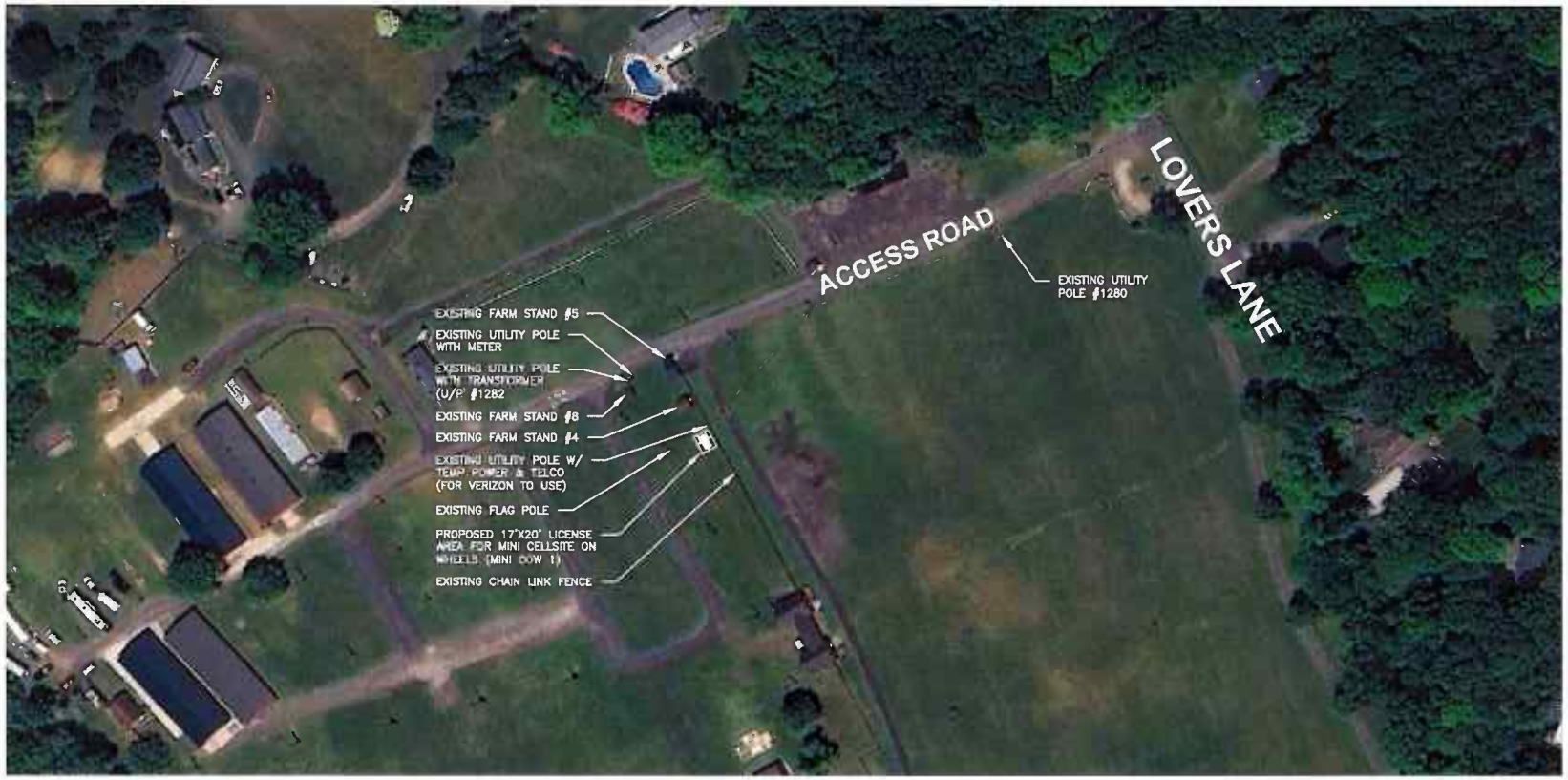
GUILFORD AGRICULTURAL SOCIETY

By: David Papalizio
Name: David Papa
Title: Vice President
Date: 5/22/25

ATTACHMENT 2

SITE NAME: GUILFORD_CT_FAIR_COW_2025

111 LOVERS LANE
GUILFORD, CT 06437



LOCATION PLAN (1 / L-1)
SCALE: N.T.S.

SITE CONTROL POINT:
LATITUDE: 41°16'51.8"N (41.281042)
LONGITUDE: 72°40'29.0"W (-72.674708)
APPROX. GROUND ELEV.: ± 9' AMSL.

SHEET INDEX

SHEET NUMBER	DESCRIPTION	REV.
L-1	LOCATION PLAN / AERIAL IMAGE	1
L-2	SITE PLAN	1
L-3	ENLARGED SITE PLAN	1
L-4	ELEVATION & ANTENNA PLAN	1

verizon
"Because Better Matters"

SAI
12 INDUSTRIAL WAY
SALEM, NH 03079
(603) 431-6772
www.saipe.com

FIELD INSPECTIONS

REV	DATE	DESCRIPTION:	BY:
1	05/01/25	INITIAL SITE VISIT	EC

SUBMITTALS

REV	DATE:	DESCRIPTION:	BY:
1	05/12/25	ROTATED LEASING AREA	RP
0	05/06/25	LT FOR REVIEW	RP

SITE NAME:
GUILFORD_CT_FAIR_COW_2025

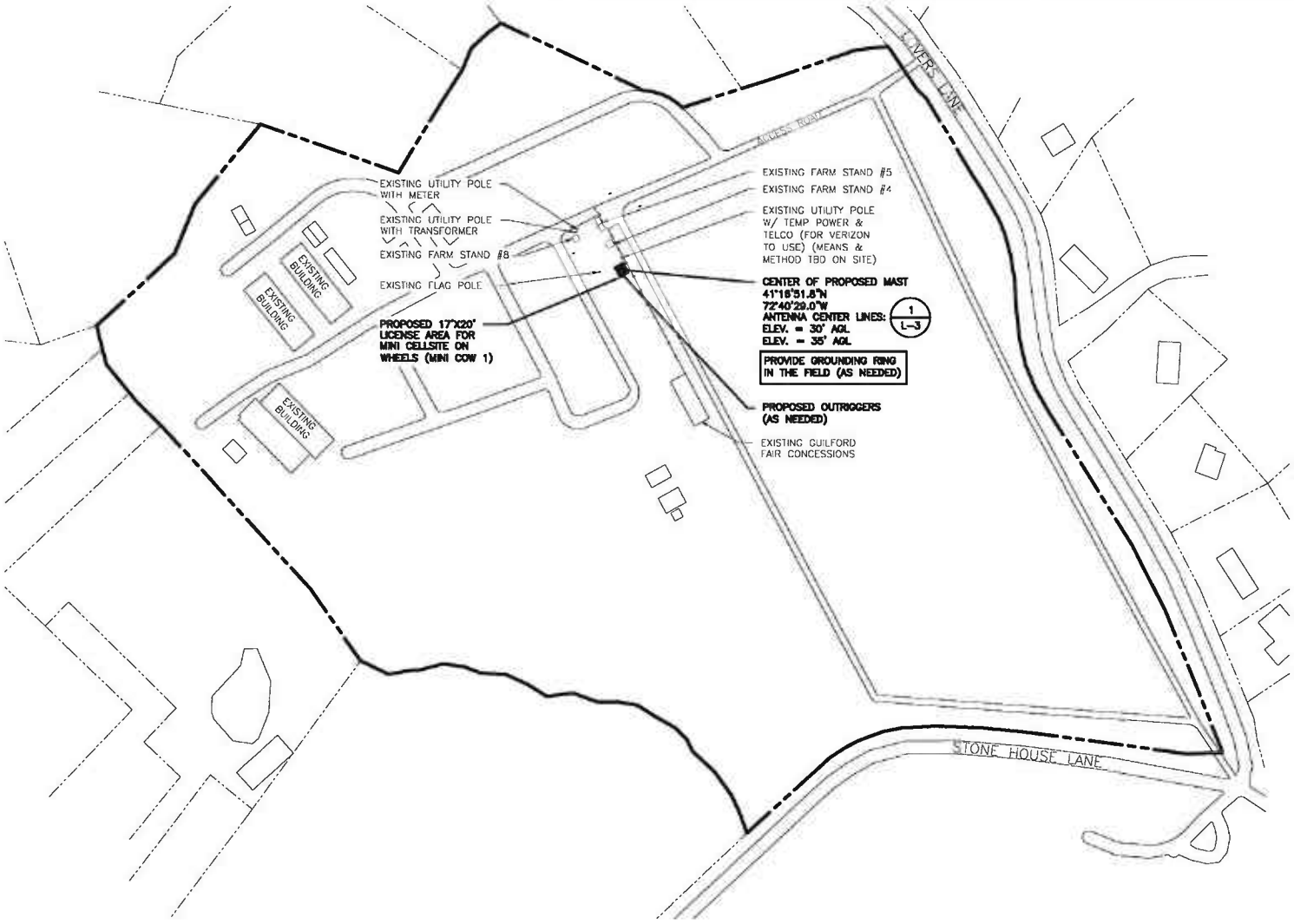
SITE ADDRESS:
111 LOVERS LANE
GUILFORD, CT 06437
NEW HAVEN COUNTY

FUZE NUMBER:
17429455

MDG ID:
5000969722

SHEET TITLE:
LOCATION PLAN

SHEET NUMBER:
L-1



SITE PLAN
SCALE: N.T.S.
1
L-2

NOTE:
GC TO INSTALL GROUND RUBBER CONDUIT RACEWAYS TO PROTECT ANY EXPOSED CONDUITS AND TO AVOID TRIPPING HAZARD.

SITE CONTROL POINT:
LATITUDE: 41°16'51.8"N (41.281042)
LONGITUDE: 72°40'29.0"W (-72.674708)
APPROX. GROUND ELEV.: ± 9' AMSL.

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SAI

FIELD INSPECTIONS

REV	DATE:	DESCRIPTION	BY:
1	05/01/25	INITIAL SITE VISIT	EC

SUBMITTALS

REV	DATE:	DESCRIPTION	BY:
1	05/12/25	ROTATED LEASING AREA	RP
0	05/06/25	LT FOR REVIEW	RP

SITE NAME:
GUILFORD_CT_FAIR_COW_2025

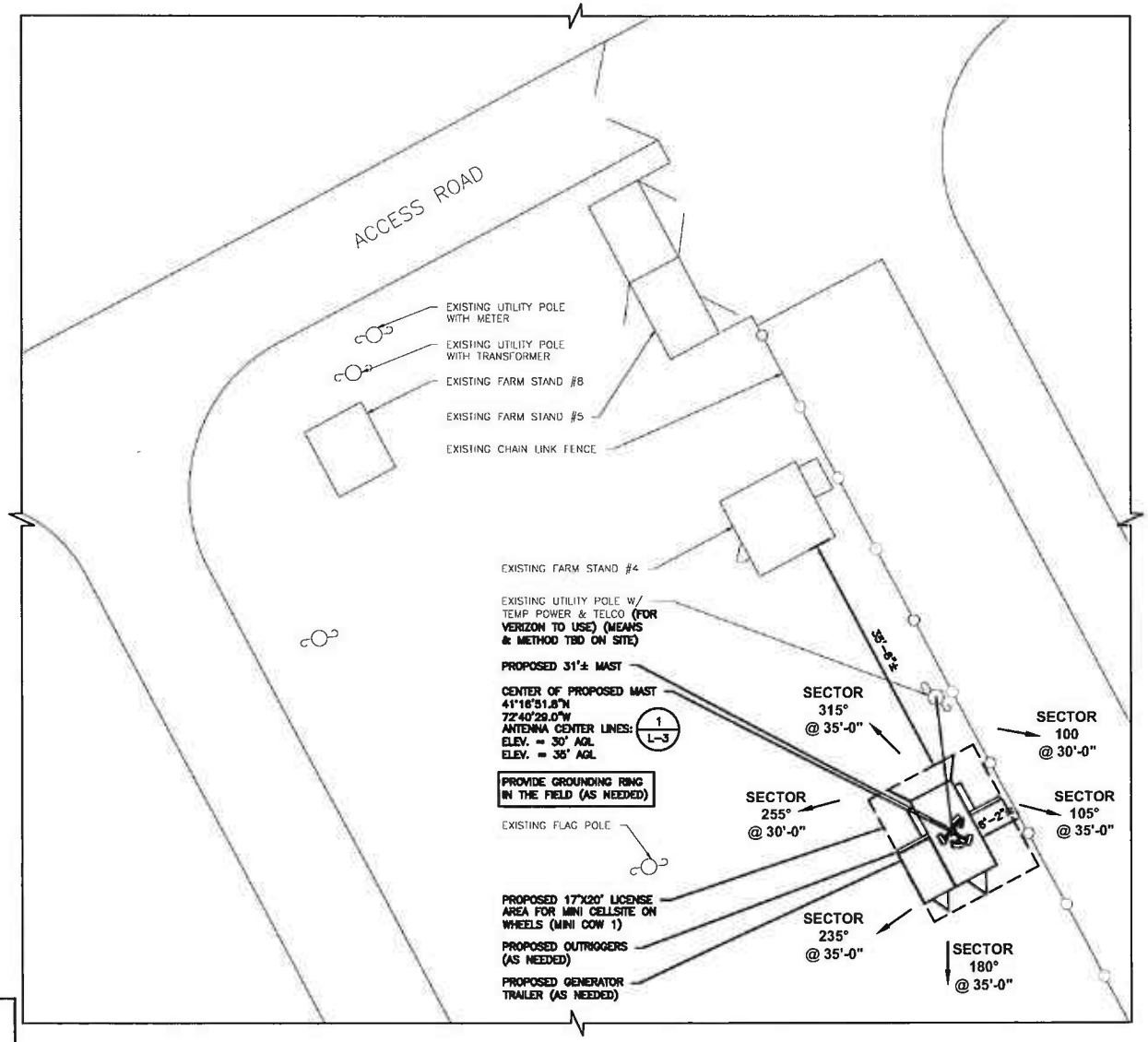
SITE ADDRESS:
111 LOVERS LANE
GUILFORD, CT 06437
NEW HAVEN COUNTY

FUZE NUMBER:
17429455

MDG ID:
5000969722

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
L-2



ENLARGED SITE PLAN (1 / L-3)
22X34 SCALE: 1/16"=1'-0"
11X17 SCALE: 1/32"=1'-0"

0 8'-0" 16'-0" 32'-0" 48'-0"

NOTE:
GC TO INSTALL GROUND RUBBER CONDUIT RACEWAYS TO PROTECT ANY EXPOSED CONDUITS AND TO AVOID TRIPPING HAZARD

SITE CONTROL POINT:
LATITUDE: 41°16'51.8"N (41.281042)
LONGITUDE: 72°40'29.0"W (-72.674708)
APPROX. GROUND ELEV.: ± 9' AMSL

verizon
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SAI
12 INDUSTRIAL WAY
SALEM, NH 03079
(603) 421-6472 (O)
www.saipg.com

FIELD INSPECTIONS

REV	DATE	DESCRIPTION:	BY
1	05/01/25	INITIAL SITE VISIT	EC

SUBMITTALS

REV	DATE	DESCRIPTION:	BY
1	05/12/25	ROFR/CD LEASING AREA	RP
0	05/06/25	LT FOR REVIEW	RP

SITE NAME:
GUILFORD_CT_FAIR_COW_2025

SITE ADDRESS:
111 LOVERS LANE
GUILFORD, CT 06437
NEW HAVEN COUNTY

FUZE NUMBER:
17429455

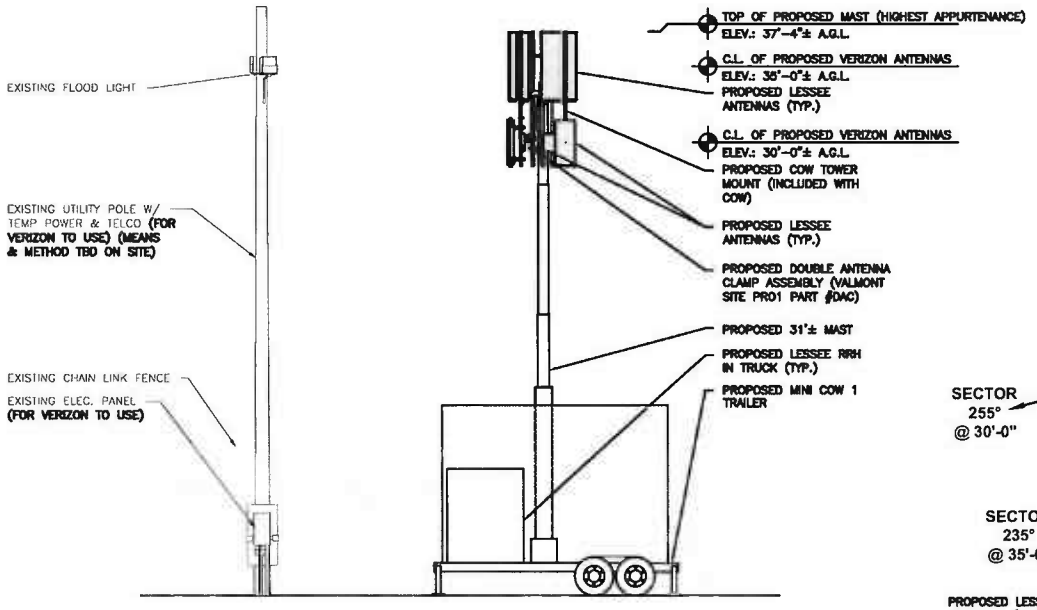
MDG ID:
5000969722

SHEET TITLE:
ENLARGED SITE PLAN

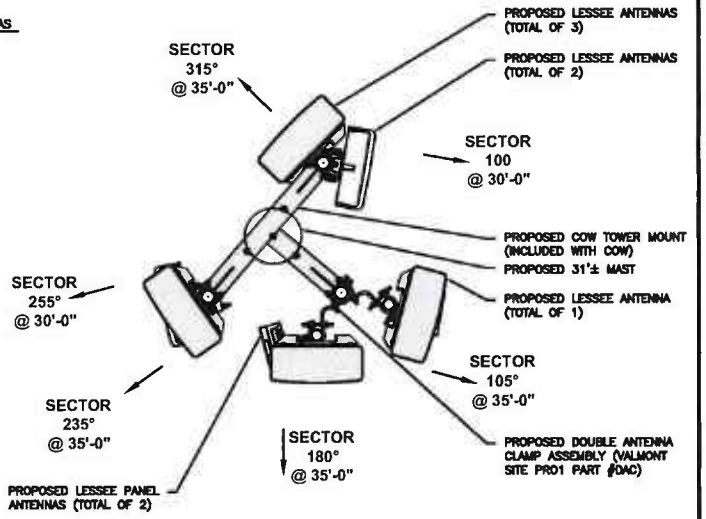
SHEET NUMBER:
L-3

GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION, SIZE AND ORIENTATION OF THE PROPOSED WIRELESS TELECOMMUNICATION EQUIPMENTS INSTALLATION ON THE UTILITY POLE AND ARE NOT SPECIFICALLY INTENDED FOR CONSTRUCTION.
2. VERIZON WIRELESS SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON THE UTILITY POLE AND ANCILLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP & CONTACT INFORMATION TO BE UTILIZED IN THE CASE OF EMERGENCY.
3. AN ANALYSIS OF THE CAPACITY OF THE EXISTING UTILITY POLE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY THE UTILITY COMPANY AND THUS, THESE DRAWINGS ARE SUBJECT TO CHANGE PENDING THE OUTCOME OF A STRUCTURAL ANALYSIS (TO BE PERFORMED BY OTHERS).
4. VERIZON WIRELESS GENERAL CONTRACTOR SHALL EXTEND EFFORTS TO ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENTS OF THE EXISTING UTILITY COMPANY OR COMPANIES CURRENTLY OCCUPYING THE UTILITY POLE AND THE 2017 NATIONAL ELECTRIC SAFETY CODE.
5. THE UTILITY POLE DESIGN INCORPORATING THE PROPOSED EQUIPMENT IS FROM THE OSMOSE O CALC ANALYSIS REPORT AND GUIDANCE FROM THE UTILITY OWNER AND CLIENT'S STANDARDS.



ELEVATION (1 / L-4)
22X34 SCALE: 1/4"=1'-0"
11X17 SCALE: 1/8"=1'-0"
0 2'-0" 4'-0" 8'-0" 12'-0"



ANTENNA PLAN (1 / L-4)
22X34 SCALE: 1"=1'-0"
11X17 SCALE: 1/2"=1'-0"
0 1'-0" 2'-0" 4'-0" 6'-0"

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SAI

FIELD INSPECTIONS

REV	DATE:	DESCRIPTION:	BY:
1	05/01/25	INITIAL SITE VISIT	EC

SUBMITTALS

REV	DATE:	DESCRIPTION:	BY:
1	05/12/25	ROTATED LEASING AREA	RP
0	05/09/25	FOR REVIEW	RP

SITE NAME:
GUILFORD_CT_FAIR_COW_2025

SITE ADDRESS:
111 LOVERS LANE
GUILFORD, CT 06437
NEW HAVEN COUNTY

FUZE NUMBER:
17429455

MDG ID:
5000969722

SHEET TITLE:
ELEVATION & ANTENNA PLAN

SHEET NUMBER:
L-4

SAMSUNG

SAMSUNG C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

Samsung C-Band 64T64R Massive MIMO Radio enables mobile operators to increase coverage range, boost data speeds and ultimately offer enriched 5G experiences to users in the U.S..

Model Code : MT6407-77A

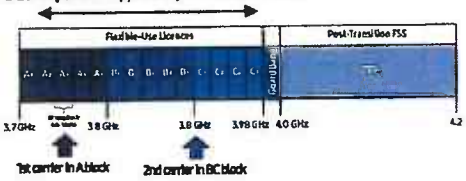
Points of Differentiation

Wide Bandwidth

With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

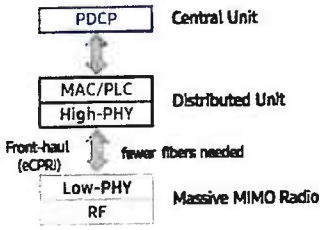
Samsung C-Band massive MIMO Radio covers the entire C-Band 280 MHz spectrum, so it can meet the operator's needs in current A block and future B/C blocks

C-Band spectrum supported by Massive MIMO Radio



Future Proof Product

Samsung C-Band 64T64R Massive MIMO radio supports not only CPRI but also eCPRI as front-haul interface.
It enables operators can cut down on OPEX/CAPEX by reducing front-haul bandwidth through low layer split and using ethernet based higher efficient line.



Enhanced Performance

C-Band massive MIMO Radio creates sharp beams and extends networks' coverage on the critical mid-band spectrum using a large number of antenna elements and high output power to boost data speeds.

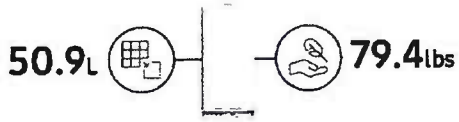
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

Furthermore, as C-Band massive MIMO Radio supports MU-MIMO(Multi-user MIMO), it enables to increase user throughput by minimizing interference.

Well Matched Design

Samsung C-Band Massive MIMO radio utilizes 64 antennas, supports up to 280MHz bandwidth, and delivers a 200W output power. despite the above advanced performance, the Radio has a compact size of 50.9L and 79.4lbs. This makes it easy to install the Radio.

It is designed to look solid and compact, with a low profile appearance so that, when installed, harmonizes well with the surrounding environment..



Technical Specifications

Item	Specification
Tech	NR
Band	n77
Frequency Band	3700 - 3980 MHz
EIRP	78.5dBm (53.0 dBm+25.5 dBi)
IBW/OBW	280 MHz / 200 MHz
Installation	Pole/Wall
Size/ Weight	16.06 x 35.06 x 5.51 inch (50.86L)/ 79.4 lbs

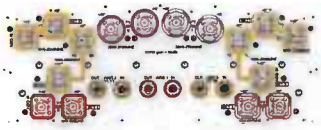
SAMSUNG

About Samsung Electronics Co., Ltd.

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions.

129 Samsung-ro, Yeongtong-gu, Suwon-si Gyeonggi-do, Korea

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 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
Internal Bias Tee	Port 1 | Port 5 | Port 7

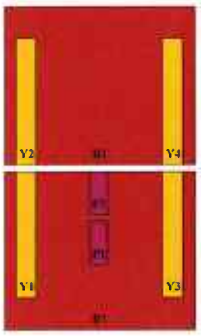
NNH4SS-45A-R3BT8

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

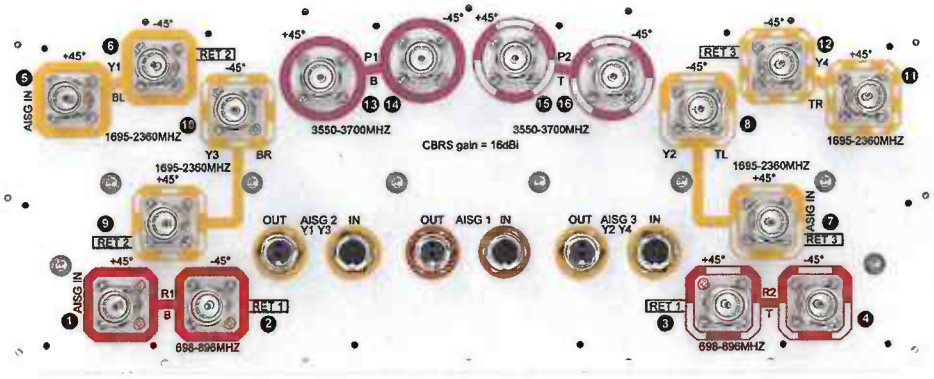
Array Layout



Array ID	Frequency (MHz)	RF Connector	RET (SRET)	AISG No.	AISG RET UID
R1	698-896	1 - 2	1	AISG1	CPxxxxxxxxxxxxxxR1
R2	698-896	3 - 4			
Y1	1695-2360	5 - 6	2	AISG2	CPxxxxxxxxxxxxxxY1
Y3	1695-2360	9 - 10			
Y2	1695-2360	7 - 8	3	AISG3	CPxxxxxxxxxxxxxxY2
Y4	1695-2360	11 - 12			
P1	3550-3700	13 - 14	N/A	NA	N/A
P2	3550-3700	15 - 16			

(Sizes of colored boxes are not true depictions of array sizes)

Port Configuration



Electrical Specifications

NNH4SS-45A-R3BT8

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

	R1,R2	R1,R2	Y1-Y4	Y1-Y4	Y1-Y4	Y1-Y4	P1,P2
Frequency Band, MHz	**698–806**	**806–896**	**1695–1880**	**1850–1990**	**1920–2180**	**2300–2360**	**3550–3700**
RF Port	1-4	1-4	5-12	5-12	5-12	5-12	13-16
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

Mechanical Specifications

Effective Projective Area (EPA), frontal	0.74 m² | 7.965 ft²
Effective Projective Area (EPA), lateral	0.15 m² | 1.615 ft²
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	526 mm | 20.709 in

NNH4SS-45A-R3BT8

Depth, packed	283 mm | 11.142 in
Length, packed	1566 mm | 61.654 in
Weight, gross	41.9 kg | 92.374 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.andrew.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.

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

NNH4SS-65A-R3BT8

16- Port sector antenna, 4x 698-896, 8x 1695-2360 and 4x 3550-3700MHz, 65° 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
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- Non-stacked mid band array design provides higher gain and narrower vertical beamwidth than traditional antenna designs
- 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

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

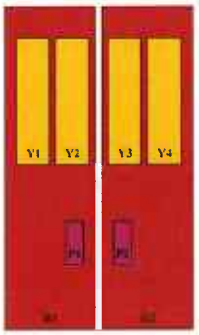
NNH4SS-65A-R3BT8

Internal Bias Tee	Port 1 | Port 5 | Port 9
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 (Single RET)

Dimensions

Width	498 mm | 19.606 in
Depth	197 mm | 7.756 in
Length	1499 mm | 59.016 in
Net Weight, antenna only	31 kg | 68.343 lb

Array Layout



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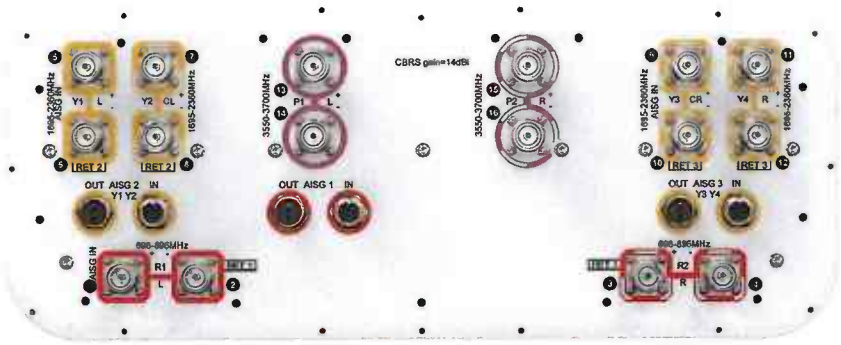
Y1	1695-2360	5 - 6	2	AISG2	CPxxxxxxxxxxxxxxxY1
Y2	1695-2360	7 - 8			
Y3	1695-2360	9 - 10	3	AISG3	CPxxxxxxxxxxxxxxxY3
Y4	1695-2360	11 - 12			
W1	3550-3700	13 - 14	N/A	NA	N/A
W2	3550-3700	15 - 16			

(Sizes of colored boxes are not true depictions of array sizes)

Port Configuration

NNH4SS-65A-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

	R1,R2	R1,R2	Y1-Y4	Y1-Y4	Y1-Y4	Y1-Y4	P1,P2
Frequency Band, MHz	**698–806**	**806–896**	**1695–1880**	**1850–1990**	**1920–2180**	**2300–2360**	**3550–3700**
RF Port	1-4	1-4	5-12	5-12	5-12	5-12	13-16
Gain, dBi	13.1	13.4	15.8	16.5	17.3	17.8	13.8
Beamwidth, Horizontal, degrees	72	64	71	69	63	59	66
Beamwidth, Vertical, degrees	17.2	15	8	7.4	7	6.3	17.3
Beam Tilt, degrees	2–16	2–16	2–12	2–12	2–12	2–12	8
USLS (First Lobe), dB	19	15	14	16	16	18	19
Front-to-Back Ratio at 180°, dB	30	28	32	32	32	33	35
Isolation, Cross Polarization,	25	25	25	25	25	25	25

NNH4SS-65A-R3BT8

dB							
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

Mechanical Specifications

Wind Loading @ Velocity, frontal	498.0 N @ 150 km/h (112.0 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	148.0 N @ 150 km/h (33.3 lbf @ 150 km/h)
Wind Loading @ Velocity, maximum	597.0 N @ 150 km/h (134.2 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	342.0 N @ 150 km/h (76.9 lbf @ 150 km/h)
Wind Speed, maximum	241 km/h (150 mph)

Packaging and Weights

Width, packed	565 mm | 22.244 in
Depth, packed	309 mm | 12.165 in
Length, packed	1686 mm | 66.378 in
Weight, gross	43.7 kg | 96.342 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

Included Products

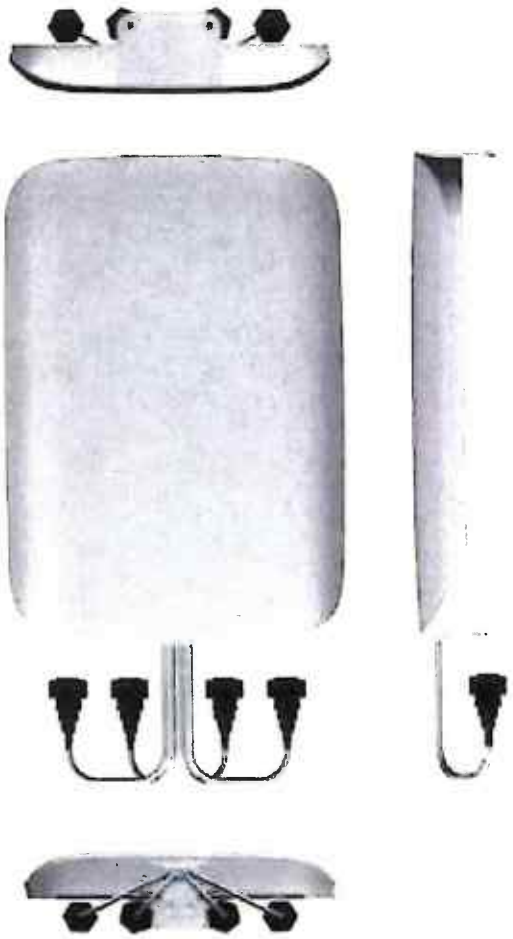
BSAMNT-3	–	Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

[CBRS] Clip-on Antenna Specifications

VzW accepted IP45 in FLD, but IP55 is Samsung Spec.



Items	Clip-on Antenna, BASTA**
Antenna Gain	12.5 ± 0.5 dBi (Max 13 dBi)
Horizontal BW (-3dB)	65° ± 5°
Vertical BW (-3dB)	17° ±3°
Electrical Tilt	8° (fixed) ±2°
Front-to-Back Ratio	> 25 dB
Port-to-Port Tracking	< 3 dB
VSWR	< 1.5
Isolation	> 25 dB
Ingress Protection	**IP55**
Size	220(W)×313(H)×34.3(D) mm (*) (8.7 x 12.3 x 1.4 inch.)
Weight	< **2.0** kg [Typ. 1.3 kg]
It is required that the radio should be weatherproofed properly with JMA WPS Boot with external antenna or with Weatherproof Boot for clip-on antennas.	

Antenna includes integrated cable with connector
* Design is subject to minor change

** Ant. spec. follows NGMN recommendations on Base Station Antenna Standards (BASTA). For example, 'mean ± tolerance of 86.6%' is applied to double-sided specification of statistical RF parameters.

Specifications

The table below outlines the main specifications of the RRH.

Table 1. Specifications

Item	RT4401-48A
Air Technology	LTE
Band	Band 48 (3.5 GHz)
Operating Frequency (MHz)	3550 to 3700
RF Chain	4TX/4RX
Input Power	-48 V DC (-38 to -57 V DC, 1 SKU), with clip-on AC-DC converter (Option)
Dimension (W × D × H) (mm)	8.55 in. (217.4) × 4.15 in. (105.5) × 13.91 in. (353.5) * RRH only 11.39 in. (289.4) × 5.45 in. (138.5) × 16.16 in. (410.5) * with Clip-on antenna, AC-DC power unit
Cooling	Natural convection
Unwanted Emission	3GPP 36.104 Category A
	[B48]: FCC 47 CFR 96.41 e)
Spectrum Analyzer	TX/RX Support
Antenna Type	Integrated (Clip-on) antenna (Option), External antenna (Option)
Operating Humidity	5 to 100 [%] (RH), condensing, not to exceed 30 g/m^3 absolute humidity
Altitude	-60 to 1,800 m
Earthquake	Telcordia Earthquake Risk Zone4 (Telcordia GR-63-CORE)
Vibration in Use Transportation Vibration	Office Vibration Transportation Vibration
Noise	Fanless (natural convection cooling)
Wind Resistance	Telcordia GR-487-CORE, Section 3.34
EMC	FCC Title 47, CFR Part 96
Safety	UL 60950-1 2nd ED

SAMSUNG

AWS/PCS MACRO RADIO

DUAL-BAND AND HIGH POWER FOR MACRO COVERAGE

Samsung's future-proof dual-band radio is designed to help effectively increase the coverage areas in wireless networks. This AWS/PCS 4T4R dual-band radio has 4Tx/4Rx to 2Tx/2Rx RF chains options and a total output power of 320W, making it ideal for macro sites.

Model Code RF4439d-25A

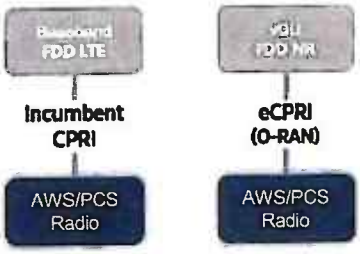
Homepage
samsungnetworks.com

Youtube
www.youtube.com/samsung5g

Points of Differentiation

Continuous Migration

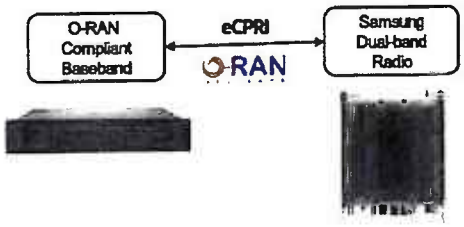
Samsung's AWS/PCS macro radio can support each incumbent CPRI interface as well as advanced eCPRI interfaces. This feature provides installable options for both legacy LTE networks and added NR networks.



O-RAN Compliant

A standardized O-RAN radio can help in implementing cost-effective networks, which are capable of sending more data without compromising additional investments.

Samsung's state-of-the-art O-RAN technology will help accelerate the effort toward constructing a solid O-RAN ecosystem.



Optimum Spectrum Utilization

The number of required carriers varies according to site (region). Supporting many carriers is essential for using all frequencies that the operator has available.

The new AWS/PCS dual-band radio can support up to 3 carriers in the PCS (1.9GHz) band and 4 carriers in the AWS (2.1GHz) band, respectively.

Brand New Features in a Compact Size

Samsung's AWS/PCS macro radio offers several features, such as dual connectivity for baseband for both CDU and vDU, O-RAN capability, more carriers and an enlarged PCS spectrum, combined into an incumbent radio volume of 36.8L.

- 2 FH connectivity
- O-RAN capability
- More carriers and spectrum

Same as an incumbent radio volume

Technical Specifications

Item	Specification
Tech	LTE / NR
Brand	B25(PCS), B66(AWS)
Frequency Band	DL: 1930 – 1995MHz, UL: 1850 – 1915MHz DL: 2110 – 2200MHz, UL: 1710 – 1780MHz
RF Power	(B25) 4 × 40W or 2 × 60W (B66) 4 × 60W or 2 × 80W
IBW/OBW	(B25) 65MHz / 30MHz (B66) DL 90MHz, UL 70MHz / 60MHz
Installation	Pole, Wall
Size/ Weight	14.96 x 14.96 x 10.04inch (36.8L) / 74.7lb

SAMSUNG

700/850MHZ MACRO RADIO

DUAL-BAND AND HIGH POWER FOR MACRO COVERAGE

Samsung's future proof dual-band radio is designed to help effectively increase the coverage areas in wireless networks. This 700/850MHz 4T4R dual-band radio has 4Tx/4Rx to 2Tx/2Rx RF chains options and a total output power of 320W, making it ideal for macro sites

Model Code RF4440d-13A

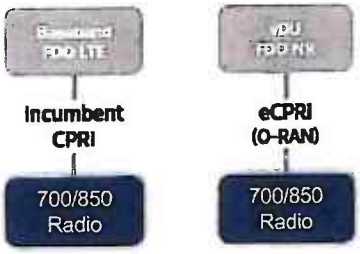
Homepage
samsungnetworks.com

Youtube
www.youtube.com/samsung5g

Points of Differentiation

Continuous Migration

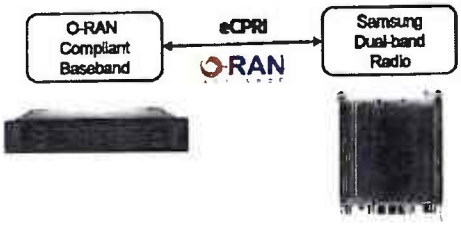
Samsung's 700/850MHz macro radio can support each incumbent CPRI interface as well as an advanced eCPRI interface. This feature provides installable options for both legacy LTE networks and added NR networks.



O-RAN Compliant

A standardized O-RAN radio can help when implementing cost-effective networks because it is capable of sending more data without compromising additional investments.

Samsung's state-of-the-art O-RAN technology will help accelerate the effort toward constructing a solid O-RAN ecosystem.



Optimum Spectrum Utilization

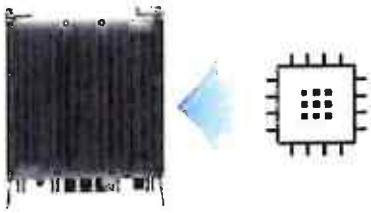
The number of required carriers varies according to site (region). The ability to support many carriers is essential for using all frequencies that the operator has available.

The new 700/850MHz dual-band radio can support up to 2 carriers in the B13 (700MHz) band and 3 carriers in the B5 (850MHz) band, respectively.

Secured Integrity

Access to sensitive data is allowed only to authorized software.

The Samsung radio's CPU can protect root of trust, which is credential information to verify SW integrity, and secure storage provides access control to sensitive data by using dedicated hardware (TPM).



Technical Specifications

Item	Specification
Tech	LTE / NR
Brand	B13(700MHz), B5(850MHz)
Frequency Band	DL: 746 – 756MHz, UL: 777 – 787MHz DL: 869 – 894MHz, UL: 824 – 849MHz
RF Power	(B13) 4 × 40W or 2 × 60W (B5) 4 × 40W or 2 × 60W
IBW/OBW	(B13) 10MHz / 10MHz (B5) 25MHz / 25MHz
Installation	Pole, Wall
Size/ Weight	14.96 x 14.96 x 9.05inch (33.2L) / 70.33 lb

ATTACHMENT 3

Location	Guilford CT Fair COW					
Date	6/3/2025					
Band	C-Band	CBRS	AWS	PCS	850	700
Operating Frequency (MHz)	3,700	3,550	2,145	1,970	869	746
General Population MPE (mW/cm^2)	1	1	1	1	0.57933333	0.49733333
ERP Per Transmitter (Watts)	21,321	50	1,167	989	488	428
Number of Transmitters	2	4	4	4	4	4
Antenna Centerline (CL) (feet)	30	30	35	35	35	35
Total ERP (Watts)	42,642	200	4,668	3,956	1,952	1,712
Total ERP (dBm)	76	53	67	66	63	62
[illegible]	[illegible]					

*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/cm^2 = 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

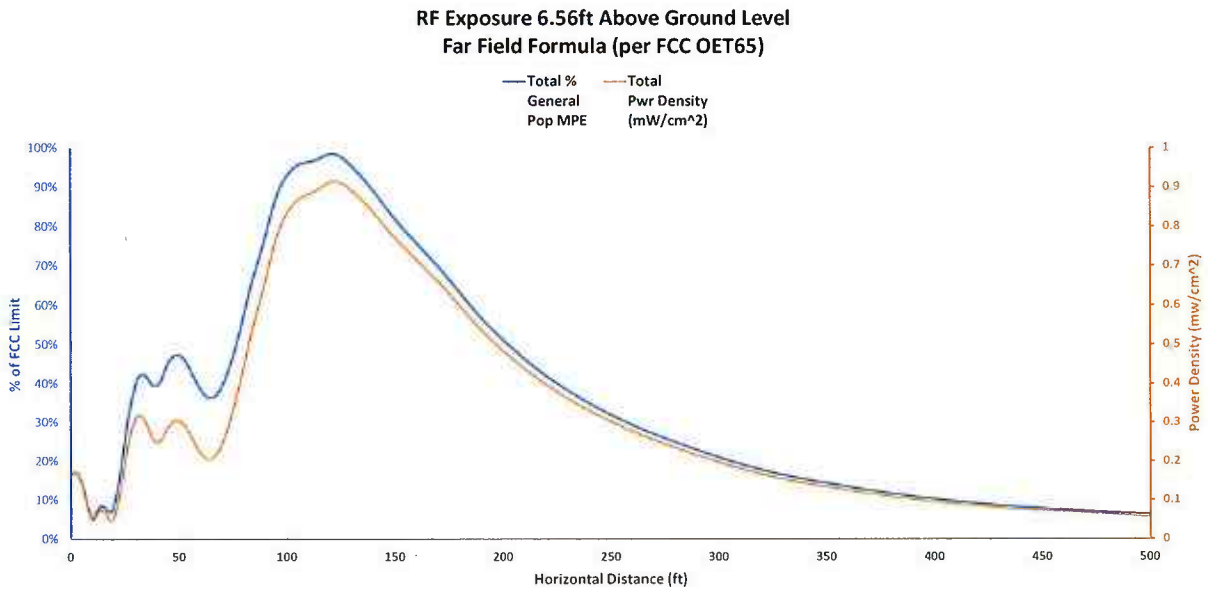
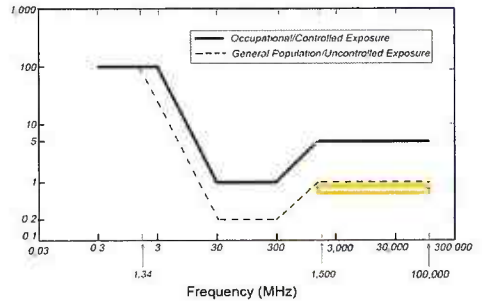
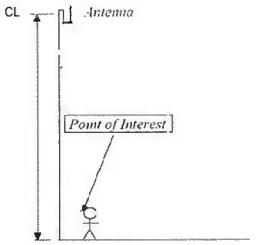


Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)
Plane-wave Equivalent Power Density





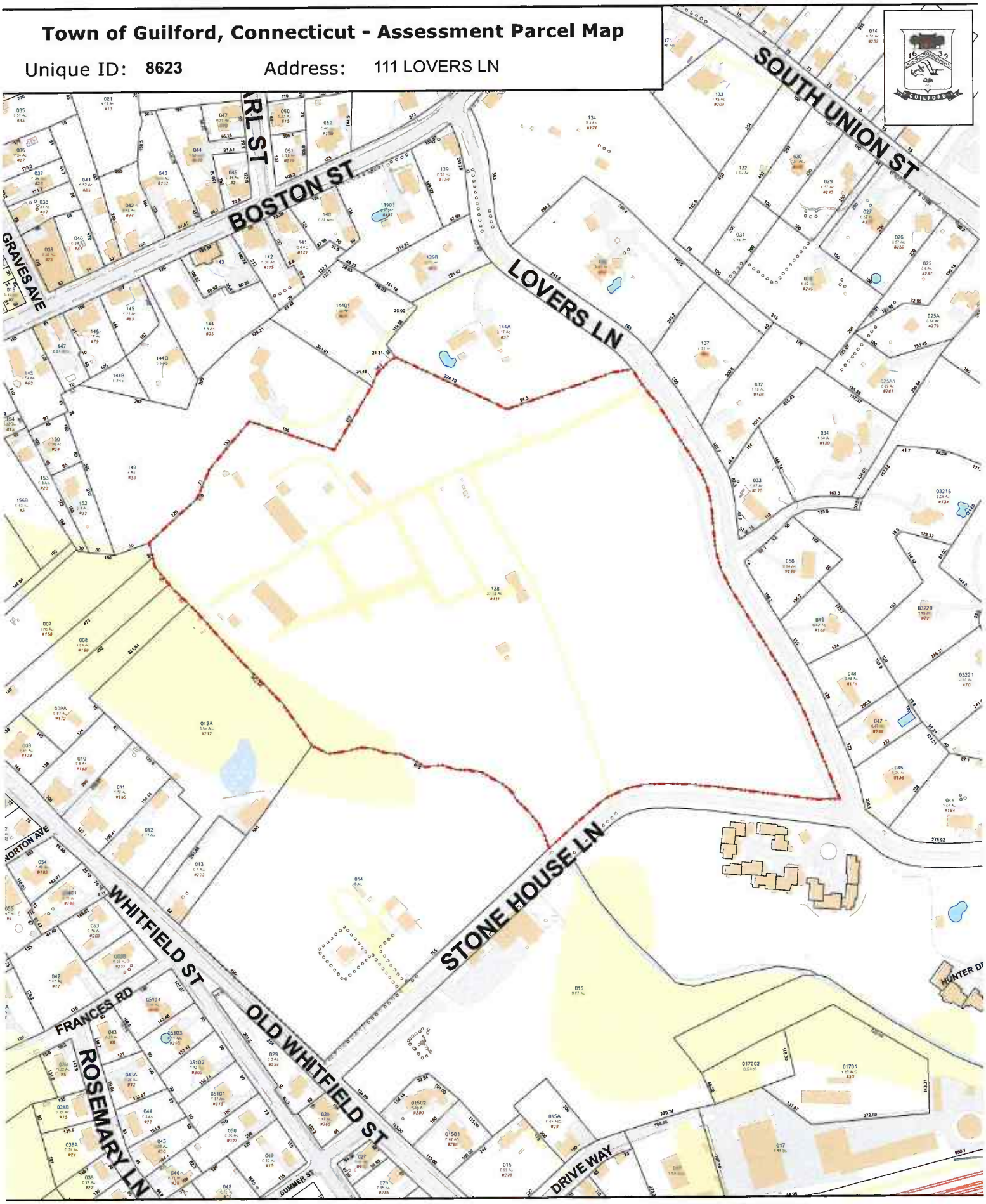
Angle Below Horizon	Power Density (mW/cm^2) C-Band	CBRS	AWS	PCS	850	700 MHz	Percent of General Population MPE 39GHz	28GHz	[illegible]	CBRS	AWS	PCS	Cellular	CDMA	700 MHz	Distance	Total Pwr Density (mW/cm^2)	Total % General [illegible]
90	0.164348668	4.7529E-05	0.000238295	0.000231868	0.000455475	0.000317313	0.00%	0.00%	16.43%	0.00%	0.02%	0.02%	0.08%	0.00%	0.06%	0	0.165639148	16.63%
89	0.16429619	5.71242E-05	0.000314066	0.000226541	0.00051094	0.000364245	0.00%	0.00%	16.43%	0.01%	0.03%	0.02%	0.09%	0.00%	0.07%	0.418921558	0.165769107	16.65%
88	0.164138829	6.1151E-05	0.000313862	0.000206473	0.000572911	0.000417938	0.00%	0.00%	16.41%	0.01%	0.03%	0.02%	0.10%	0.00%	0.08%	0.838098468	0.165711164	16.65%
87	0.167693985	6.69437E-05	0.00035997	0.000221	0.000613219	0.000468425	0.00%	0.00%	16.77%	0.01%	0.04%	0.02%	0.11%	0.00%	0.09%	1.257786703	0.169423544	17.03%
86	0.16731913	7.32383E-05	0.000624606	0.000318956	0.000656077	0.000512836	0.00%	0.00%	16.73%	0.01%	0.06%	0.03%	0.11%	0.00%	0.10%	1.678243487	0.169504844	17.05%
85	0.16683807	8.3847E-05	0.000987995	0.00043942	0.000670044	0.000548438	0.00%	0.00%	16.68%	0.01%	0.10%	0.04%	0.12%	0.00%	0.11%	2.099727925	0.169567814	17.06%
84	0.166251474	0.000100452	0.001329573	0.000539309	0.000595746	0.000586253	0.00%	0.00%	16.63%	0.01%	0.13%	0.05%	0.10%	0.00%	0.12%	2.522501646	0.169402808	17.04%
83	0.16556016	0.000138086	0.001522221	0.000589662	0.000580533	0.000640989	0.00%	0.00%	16.56%	0.01%	0.15%	0.06%	0.10%	0.00%	0.13%	2.946829462	0.16903165	17.01%
82	0.164765087	0.000194114	0.001517223	0.000644429	0.000503963	0.000684577	0.00%	0.00%	16.48%	0.02%	0.15%	0.06%	0.09%	0.00%	0.14%	3.372980033	0.168309392	16.94%
81	0.160137285	0.000266492	0.001546769	0.000846352	0.000251637	0.000765241	0.00%	0.00%	16.01%	0.03%	0.15%	0.08%	0.04%	0.00%	0.15%	3.801226568	0.163813777	16.48%
80	0.151997472	0.000349163	0.001851845	0.001163403	0.000256421	0.000855022	0.00%	0.00%	15.20%	0.03%	0.19%	0.12%	0.04%	0.00%	0.17%	4.231847537	0.156473327	15.75%
79	0.144176831	0.000446774	0.002544394	0.001491797	0.00026726	0.000977141	0.00%	0.00%	14.42%	0.04%	0.25%	0.15%	0.05%	0.00%	0.20%	4.665127419	0.149904196	15.11%
78	0.136668424	0.000558291	0.003414777	0.001784382	0.000495121	0.001090775	0.00%	0.00%	13.67%	0.06%	0.34%	0.18%	0.09%	0.00%	0.22%	5.10135748	0.14401177	14.55%
77	0.129465106	0.000650647	0.004082594	0.001945636	0.000762579	0.001245401	0.00%	0.00%	12.95%	0.07%	0.41%	0.19%	0.13%	0.00%	0.25%	5.540836587	0.138151962	14.00%
76	0.119769755	0.000757774	0.004553055	0.00197892	0.000976454	0.001388915	0.00%	0.00%	11.98%	0.08%	0.46%	0.20%	0.17%	0.00%	0.28%	5.983872068	0.129424873	13.15%
75	0.108205501	0.000842251	0.004846848	0.001966006	0.001249708	0.001548219	0.00%	0.00%	10.82%	0.08%	0.48%	0.20%	0.22%	0.00%	0.31%	6.430780618	0.118658534	12.11%
74	0.095467809	0.000914217	0.005400109	0.001997689	0.00149194	0.001724946	0.00%	0.00%	9.55%	0.09%	0.54%	0.20%	0.26%	0.00%	0.35%	6.881889258	0.10699671	10.98%
73	0.080383606	0.000947022	0.006443598	0.002076127	0.001780235	0.00187716	0.00%	0.00%	8.04%	0.09%	0.64%	0.21%	0.31%	0.00%	0.38%	7.337536355	0.093507749	9.67%
72	0.067636046	0.000936204	0.007684815	0.002258182	0.001981447	0.001995291	0.00%	0.00%	6.76%	0.09%	0.77%	0.23%	0.34%	0.00%	0.40%	7.79807271	0.082491985	8.59%
71	0.055575862	0.00088324	0.008951858	0.002399046	0.002154082	0.002169133	0.00%	0.00%	5.56%	0.09%	0.90%	0.24%	0.37%	0.00%	0.44%	8.263862719	0.07213322	7.59%

70	0.045633976	0.000795208	0.009953213	0.002606686	0.002287243	0.002356873	0.00%	0.00%	4.56%	0.08%	1.00%	0.26%	0.39%	0.00%	0.47%	8.735285622	0.063633199	6.77%
69	0.035758651	0.000749158	0.010808837	0.002896706	0.002318077	0.002619099	0.00%	0.00%	3.58%	0.07%	1.08%	0.29%	0.40%	0.00%	0.53%	9.212736841	0.055150529	5.95%
68	0.028652403	0.000755707	0.011731543	0.003143986	0.002348032	0.002908895	0.00%	0.00%	2.87%	0.08%	1.17%	0.31%	0.41%	0.00%	0.58%	9.69662942	0.049540566	5.42%
67	0.025154991	0.000816238	0.012725836	0.00348989	0.002322925	0.003304146	0.00%	0.00%	2.52%	0.08%	1.27%	0.35%	0.40%	0.00%	0.66%	10.18739559	0.047814026	5.28%
66	0.024197269	0.000880965	0.014117791	0.003697364	0.00224448	0.003750936	0.00%	0.00%	2.42%	0.09%	1.41%	0.37%	0.39%	0.00%	0.75%	10.68548845	0.048888804	5.43%
65	0.024922014	0.000950114	0.015652737	0.003914855	0.002118065	0.00435475	0.00%	0.00%	2.49%	0.10%	1.57%	0.39%	0.37%	0.00%	0.88%	11.1913838	0.051912535	5.79%
64	0.029448949	0.000977827	0.016949249	0.00404833	0.001997558	0.004937685	0.00%	0.00%	2.94%	0.10%	1.69%	0.40%	0.34%	0.00%	0.99%	11.70558213	0.058359599	6.48%
63	0.033206362	0.000960315	0.018341731	0.003904503	0.001882735	0.005595169	0.00%	0.00%	3.32%	0.10%	1.83%	0.39%	0.32%	0.00%	1.13%	12.22861079	0.063890817	7.09%
62	0.037413836	0.000899963	0.018943167	0.003594	0.001733012	0.006483739	0.00%	0.00%	3.74%	0.09%	1.89%	0.36%	0.30%	0.00%	1.30%	12.76102636	0.069067716	7.69%
61	0.039309443	0.000842732	0.018671512	0.003085353	0.001522399	0.007337572	0.00%	0.00%	3.93%	0.08%	1.87%	0.31%	0.26%	0.00%	1.48%	13.30341723	0.070769011	7.93%
60	0.043212475	0.000735871	0.018819705	0.002470235	0.001336478	0.008298235	0.00%	0.00%	4.32%	0.07%	1.88%	0.25%	0.23%	0.00%	1.67%	13.85640646	0.074872998	8.42%
59	0.043287497	0.000613133	0.018524389	0.002022411	0.001145758	0.009164669	0.00%	0.00%	4.33%	0.06%	1.85%	0.20%	0.20%	0.00%	1.84%	14.42065486	0.074757857	8.49%
58	0.039513906	0.000498818	0.018220637	0.001856475	0.001180083	0.010349907	0.00%	0.00%	3.95%	0.05%	1.82%	0.19%	0.20%	0.00%	2.08%	14.99686445	0.071619826	8.29%
57	0.036877734	0.000424577	0.017500968	0.001867186	0.001426958	0.011679789	0.00%	0.00%	3.69%	0.04%	1.75%	0.19%	0.25%	0.00%	2.35%	15.58578224	0.069777211	8.26%
56	0.031361541	0.000405126	0.016414558	0.001833811	0.001764323	0.013170495	0.00%	0.00%	3.14%	0.04%	1.64%	0.18%	0.30%	0.00%	2.65%	16.1882044	0.064949854	7.95%
55	0.023748768	0.000404421	0.015033289	0.001799614	0.002179731	0.014501968	0.00%	0.00%	2.37%	0.04%	1.50%	0.18%	0.38%	0.00%	2.92%	16.80498092	0.057667792	7.39%
54	0.017558458	0.000432194	0.013443893	0.001979933	0.002629505	0.016326684	0.00%	0.00%	1.76%	0.04%	1.34%	0.20%	0.45%	0.00%	3.28%	17.43702067	0.052370668	7.08%
53	0.011038848	0.000472189	0.011738974	0.002442056	0.003169415	0.018365513	0.00%	0.00%	1.10%	0.05%	1.17%	0.24%	0.55%	0.00%	3.69%	18.0852972	0.047226996	6.81%
52	0.007429217	0.00055225	0.010241331	0.003079512	0.00372997	0.021121723	0.00%	0.00%	0.74%	0.06%	1.02%	0.31%	0.64%	0.00%	4.25%	18.75085504	0.046154003	7.02%
51	0.006738037	0.000660277	0.008926685	0.00397023	0.004385703	0.023717184	0.00%	0.00%	0.67%	0.07%	0.89%	0.40%	0.76%	0.00%	4.77%	19.4348168	0.048398115	7.56%
50	0.010367721	0.000807004	0.008139863	0.004997382	0.005151884	0.026000996	0.00%	0.00%	1.04%	0.08%	0.81%	0.50%	0.89%	0.00%	5.23%	20.13839115	0.055464849	8.55%
49	0.017880529	0.00098531	0.00741518	0.006284158	0.00590841	0.029140339	0.00%	0.00%	1.79%	0.10%	0.74%	0.63%	1.02%	0.00%	5.86%	20.86288171	0.067613926	10.14%
48	0.03010311	0.001174367	0.006297784	0.007367383	0.006926866	0.031883112	0.00%	0.00%	3.01%	0.12%	0.63%	0.74%	1.20%	0.00%	6.41%	21.60969706	0.083752621	12.10%
47	0.04409224	0.00143072	0.005594975	0.008239931	0.007927698	0.035659156	0.00%	0.00%	4.41%	0.14%	0.56%	0.82%	1.37%	0.00%	7.17%	22.38036207	0.10294472	14.47%
46	0.063040207	0.001701414	0.005700782	0.009205764	0.009274348	0.038932054	0.00%	0.00%	6.30%	0.17%	0.57%	0.92%	1.60%	0.00%	7.83%	23.1765306	0.127854569	17.39%
45	0.082103472	0.00197494	0.006216946	0.010039279	0.010837424	0.042457069	0.00%	0.00%	8.21%	0.20%	0.62%	1.00%	1.87%	0.00%	8.54%	24	0.15362913	20.44%
44	0.104370181	0.002186598	0.006617675	0.010935305	0.012361023	0.045193748	0.00%	0.00%	10.44%	0.22%	0.66%	1.09%	2.13%	0.00%	9.09%	24.85272753	0.181664529	23.63%
43	0.123664101	0.002256504	0.006718887	0.011896598	0.014409414	0.049166611	0.00%	0.00%	12.37%	0.23%	0.67%	1.19%	2.49%	0.00%	9.89%	25.73684904	0.208112116	26.83%
42	0.149741795	0.002435205	0.006657777	0.012343965	0.016775606	0.053419788	0.00%	0.00%	14.97%	0.24%	0.67%	1.23%	2.90%	0.00%	10.74%	26.65470036	0.241374135	30.75%
41	0.165140246	0.002685625	0.00643837	0.012790907	0.019504053	0.056643335	0.00%	0.00%	16.51%	0.27%	0.64%	1.28%	3.37%	0.00%	11.39%	27.60884177	0.263202536	33.46%
40	0.181865349	0.00295762	0.00651044	0.012639672	0.022644323	0.061373838	0.00%	0.00%	18.19%	0.30%	0.65%	1.26%	3.91%	0.00%	12.34%	28.60208622	0.287991242	36.65%
39	0.186641789	0.003178347	0.006883412	0.012187909	0.026251416	0.064889837	0.00%	0.00%	18.66%	0.32%	0.69%	1.22%	4.53%	0.00%	13.05%	29.63753176	0.30003271	38.47%
38	0.195705223	0.003182694	0.007608956	0.01173412	0.029694367	0.070096771	0.00%	0.00%	19.57%	0.32%	0.76%	1.17%	5.13%	0.00%	14.09%	30.71859917	0.318022131	41.04%
37	0.186853383	0.00310952	0.00820618	0.012085551	0.034315474	0.073877799	0.00%	0.00%	18.69%	0.31%	0.82%	1.21%	5.92%	0.00%	14.85%	31.84907572	0.318447907	41.80%
36	0.17404936	0.002963909	0.008835186	0.012715725	0.038686963	0.07954055	0.00%	0.00%	17.40%	0.30%	0.88%	1.27%	6.68%	0.00%	15.99%	33.03316609	0.316791692	42.53%
35	0.154554589	0.002693236	0.009067974	0.013665821	0.044551183	0.08353783	0.00%	0.00%	15.46%	0.27%	0.91%	1.37%	7.69%	0.00%	16.80%	34.27555216	0.308070633	42.49%
34	0.127847235	0.002442777	0.008871211	0.014659136	0.050041682	0.087570099	0.00%	0.00%	12.78%	0.24%	0.89%	1.47%	8.64%	0.00%	17.61%	35.58146324	0.291432139	41.63%
33	0.100799688	0.00221132	0.008464244	0.015336054	0.054819762	0.091613842	0.00%	0.00%	10.08%	0.22%	0.85%	1.53%	9.46%	0.00%	18.42%	36.95675913	0.273244909	40.56%
32	0.074018447	0.001780461	0.008246632	0.016764942	0.061323311	0.093465115	0.00%	0.00%	7.40%	0.18%	0.82%	1.68%	10.59%	0.00%	18.79%	38.4080287	0.255598909	39.46%
31	0.058114402	0.001304596	0.008790112	0.018286048	0.066887258	0.097357036	0.00%	0.00%	5.81%	0.13%	0.88%	1.83%	11.55%	0.00%	19.58%	39.94270758	0.250739453	39.77%
30	0.051078211	0.000850018	0.009787746	0.019897941	0.071126538	0.09886797	0.00%	0.00%	5.11%	0.09%	0.98%	1.99%	12.28%	0.00%	19.88%	41.56921938	0.251608424	40.32%
29	0.055097905	0.000470249	0.011383528	0.021105825	0.077201522	0.102482523	0.00%	0.00%	5.51%	0.05%	1.14%	2.11%	13.33%	0.00%	20.61%	43.29714613	0.267741551	42.74%
28	0.0680636	0.000196837	0.012903454	0.020836818	0.081668566	0.103533019	0.00%	0.00%	6.81%	0.02%	1.29%	2.08%	14.10%	0.00%	20.82%	45.13743517	0.287202294	45.11%
27	0.074730976	4.41259E-05	0.013928087	0.019589209	0.086147056	0.104295216	0.00%	0.00%	7.47%	0.00%	1.39%	1.96%	14.87%	0.00%	20.97%	47.10265213	0.29873467	46.67%
26	0.083716155	9.86283E-06	0.014646925	0.017533632	0.08853101	0.102357428	0.00%	0.00%	8.37%	0.00%	1.46%	1.75%	15.28%	0.00%	20.58%	49.2072922	0.306795013	47.45%
25	0.077758495	9.37433E-05	0.014661355	0.014938243	0.090682412	0.102458268	0.00%	0.00%	7.78%	0.01%	1.47%	1.49%	15.65%	0.00%	20.60%	51.46816609	0.300592516	47.00%
24	0.064152264	0.000315068	0.01364791	0.012393432	0.092558244	0.102197213	0.00%	0.00%	6.42%	0.03%	1.36%	1.24%	15.98%	0.00%	20.55%	53.90488257	0.285264131	45.58%
23	0.040933969	0.000681203	0.011811388	0.010242981	0.094113063	0.099237052	0.00%	0.00%	4.09%	0.07%	1.18%	1.02%	16.25%	0.00%	19.95%	56.54045678	0.257019655	42.57%
22	0.016796925	0.001165258	0.010179843	0.00924414	0.093130095	0.098200566	0.00%	0.00%	1.68%	0.12%	1.02%	0.92%	16.08%	0.00%	19.75%	59.40208448	0.228716828	39.56%
21	0.00184713	0.001650782	0.009145984	0.009535772	0.091744366	0.094537334	0.00%	0.00%	0.18%	0.17%	0.91%	0.95%	15.84%	0.00%	19.01%	62.52213755	0.208461368	37.06%
20	0.008235913	0.00222282	0.009174672	0.01150048	0.087890009	0.090565639	0.00%	0.00%	0.82%	0.22%	0.92%	1.15%	15.17%	0.00%	18.21%	65.93945807	0.209589534	36.49%
19	0.037382737	0.002843567	0.011005657	0.015478947	0.085696869	0.08629565	0.00%	0.00%	3.74%	0.28%	1.10%	1.55%	14.79%	0.00%	17.35%	69.70106106	0.238703429	38.82%
18	0.099343768	0.003534541	0.015778604	0.021686728	0.081174114	0.081741293	0.00%	0.00%	9.93%	0.35%	1.58%	2.17%	14.01%	0.00%	16.44%	73.86440489	0.303259047	44.48%
17	0.190040089	0.004074156	0.024080742	0.029498185	0.076386891	0.075169693	0.00%	0.00%	19.00%	0.41%	2.41%	2.95%	13.19%	0.00%	15.11%	78.50046284	0.399249757	53.07%
16	0.307227147	0.004452993	0.034047974	0.038037916	0.071357602	0.070220545	0.00%	0.00%	30.72%	0.45%	3.40%	3.80%	12.32%	0.00%	14.12%	83.69794665	0.525344177	64.81%
15	0.419367968	0.004610921	0.044559598	0.046458662	0.066113512	0.06357907	0.00%	0.00%	41.94%	0.46%	4.46%	4.65%	11.41%	0.00%	12.78%	89.56921938	0.64468973	75.70%
14	0.55434888	0.00462355	0.053919738	0.053687503	0.06068715	0.057032274	0.00%	0.00%	55.43%	0.46%	5.39%	5.37%	10.48%	0.00%	11.47%	96.2587424	0.784299095	88.60%
13	0.631611137	0.004483758	0.061650189	0.058621894	0.053862112	0.050618273	0.00%	0.00%	63.16%	0.45%	6.17%	5.86%	9.30%	0.00%	10.18%	103.955421	0.860847365	95.11%
12	0.663565004	0.004296115	0.066494679	0.060382673	0.048320994	0.044377191	0.00%	0.00%	66.36%	0.43%	6.65%	6.04%	8.34%	0.00%	8.92%	112.9111226	0.887436656	96.74%
11	0.703374304	0.003875957	0.067515724	0.061309866	0.041759366	0.037478124	0.00%	0.00%	70.34%	0.39%	6.75%	6.13%	7.21%	0.00%	7.54%	123.4692964	0.915313341	98.35%
10	0.668657618	0.003518813	0.065861422	0.057115836	0.03547971	0.03184227	0.00%	0.00%	66.87%	0.35%	6.59%	5.71%	6.12%	0.00%	6.40%	136.1107637	0.862475669	92.04%
9	0.59485931	0.002921505	0.060109361	0.052127578	0.028859651	0.02590091	0.00%	0.00%	59.49%	0.29%	6.01%	5.21%	4.98%	0.00%	5.21%	151.5300364	0.764778316	81.19%
8	0.516128305	0.002365648	0.052272798	0.04429974	0.02342204	0.020542281	0.00%	0.00%	51.61%	0.24%	5.23%	4.43%	4.04%	0.00%	4.13%	170.7688733	0.659030811	69.68%
7	0.395681241	0.001855829	0.042047638	0.035634202	0.017992461	0.015780273	0.00%	0.00%	39.57%	0.19%	4.20%	3.56%	3.11%	0.00%	3.17%	195.4643143	0.508991645	53.80%
6	0.284411376	0.001365021	0.031703516	0.026867847	0.012955566	0.011627339	0.00%	0.00%	28.44%	0.14%	3.17%	2.69%	2.24%	0.00%	2.34%	228.3447469	0.368930666	39.01%
5	0.18880049	0.000927247	0.021568142	0.0182784	0.009019069	0.007910167	0.00%	0.00%	18.88%	0.09%	2.16%	1.83%	1.56%	0.00%	1.59%	274.3212553	0.246503516	26.10%
4	0.105323537	0.000580387	0.013208936	0.011194206	0.005652191	0.005072718	0.00%	0.00%	10.53%	0.06%	1.32%	1.12%	0.98%	0.00%	1.02%	343.2159902	0.141031975	15.03%
3	0.050456151	0.000304864	0.006786908	0.005751715	0.003111866	0.002792832	0.00%	0.00%	5.05%	0.03%	0.68%	0.58%	0.54%	0.00%	0.56%	457.9472805	0.069204336	7.43%
2	0.018235667	0.000126507	0.002691391	0.002280879	0.001353087	0.001214366	0.00%	0.00%	1.82%	0.01%	0.27%	0.23%	0.23%	0.00%	0.24%	687.2700788	0.025901896	2.81%
1	0.003154828	2.81947E-05	0.000573072	0.000496975	0.000323265	0.000296881	0.00%	0.00%	0.32%	0.00%	0.06%	0.05%	0.06%	0.00%	0.06%	1374.959079	0.004873216	0.54%

ATTACHMENT 4

Town of Guilford, Connecticut - Assessment Parcel Map

Unique ID: **8623** Address: 111 LOVERS LN



Approximate Scale: **1 inch = 300 feet**

N

0 210 420 Feet

Map Produced:
January 2025

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

Guilford

Unique ID: 8623 **Card No:** 1 Of 1

Location:	111 LOVERS LN	Map Id:	040138	Zone:	R-3	Date Printed:	5/27/2025
		Neighborhood:	M025			Last Update:	5/21/2025

Owner Of Record	Volume/Page	Date	Sales Type	Valid	Sale Price
GUILFORD AGRICULTURAL SOCIETY	0175/0697	6/13/1969		No	0
P O BOX 290, GUILFORD, CT 06437			Exempt		

Prior Owner History

Permit Number	Date	Permit Description
30100	1/9/2024	ERECT 40 X 120 SHEEP/GOAT POLE BARN TO REPLACE RENTED TENT ANNUALLY FOR THE GUILFORD FAIR
30099	1/9/2024	ERECT 40 X 120 CATTLE POLE BARN TO REPLACE RENTED TENT ANNUALLY FOR THE GUILFORD FAIR
226365	1/19/2022	VEGETABLE BARN. ERECT 40' X 120' ENCLOSED POLE BARN TO REPLACE TENT THAT IS RENTED ANNUALLY FOR THE
226366	1/19/2022	POULTRY BARN. ERECT 40' X 120' ENCLOSED POLE BARN TO REPLACE TENT THAT IS RENTED ANNUALLY FOR THE GU
182901	9/11/2018	SETUP OF AMUSEMENT RIDES AND HOOK INTO GENERATOR
171821	6/8/2017	NEW ELECTRIC SERVICE/REPAIR FROM FALL 2016 ISSUE 100 AMP 120/240

Supplemental Data

Census/Tract	1901	Cross Boarder Pro			
Dev Map ID		BAA / Court Stip	2012	474310	DESCRIPTIO
GIS ID					
Route					
District					
Utilities					

Appraised Value

Total Land Value	641,900
Total Building Value	0
Total Outbldg Value	623,600
Total Market Value	1,265,500

Acres

Land Type	Acres	490	Total Value
RES VACANT	27.46	0.00	
HOUSE LOT	0.46	0.00	
Total			641,900

State Item Codes

Code	Quantity	Value
RES OUTBUILDING	12.00	436,520
RES VACANT LAND	27.46	288,330
RES LAND	0.46	161,000

Assessment History (Prior Years as of Oct 1)

	2025	2024	2023	2022	2021
Land	449,330	449,330	449,330	449,330	301,990
Building	0	0	0	0	0
Outbuilding	436,520	436,520	352,520	352,520	146,170
Total	885,850	885,850	801,850	801,850	448,160

490 Appraised Totals

Type	Acres	Value	Type	Acres	Value
			Totals	0.00	0

Application Date: Expiration Date:

Comments

Information may be deemed reliable, but not guaranteed. Revaluation Date: 10/1/2022

Unique ID: 8623 Guilford Card No: 1 Of 1

Location:	111 LOVERS LN
Map Id:	040138

General Description

Building Use
Units
Overall Condition
Class
Stories
Design (Style)
Construction
Year Built
Percent Complete

Finished Area

Foundation

Basement Area
Finished Basement
Garage Bays
Outside Entry
Sump Pump

HVAC

Heating Type
Fuel
Cooling Type

Interior

Floors
Attic Access
Walls
Bath Cond
Kitchen Cond

Exterior

Exterior

Roof Cover
Roof Type

Special Features

Type	Count/Area

Room Summary

Total	Bedroom	Kitchens	Full Baths	Half Baths

Description	Area/Qty

Attached Components

Type	Year	Area

Total Building Value:

Detached Component Computations

Type	Year	Condition	Area/Qty
CONCRETE BLOCK/FRAM	1989	AVERAGE	600
DET FRAME 1.0 BARN	0	GOOD	4800
DET FRAME 1.0 BARN	2023	GOOD	4800
DET FRAME 1.0 BARN	1904	AVERAGE	1116
FRAME BARN	2022	AVERAGE	4800
FRAME BARN	2016	AVERAGE	4800
FRAME BARN	2022	AVERAGE	4800
FRAME BARN	2016	AVERAGE	4800
FRAME SHED	1989	AVERAGE	720

Type	Year	Condition	Area/Qty
FRAME SHED	1960	AVERAGE	360
FRAME SHED	1989	AVERAGE	280
WAGON SHED	1989	AVERAGE	1472

ATTACHMENT 5

Verizon/Guilford Fair COW

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP One State Street Hartford, CT 06103	3	3	quadient CORRECTION IMI $003.44 06/05/2025 ZIP 06103 043M32206619 US POSTAGE
	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.	Matthew T. Hoey, III, First Selectman Town of Guilford 31 Park Street Guilford, CT 06437				
2.	Anne Hartjen, Town Planner Town of Guilford 31 Park Street Guilford, CT 06437				
3.	Guilford Agricultural Society P.O. Box 290 Guilford, CT 06437				
4.					
5.					
6.					

OLD STATE HOUSE POST OFFICE
JUN - 5 2025
HARTFORD, CT 06103