SAI Group
12 Industrial Way
Salem, NH 03079
603-421-0470

April 11, 2025

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

Notice of Exempt Modification – New Cingular Wireless PCS, LLC (AT&T)
Temporary Cellular Communications Site
2025 Travelers Championship Golf Tournament, Cromwell, CT

Dear Ms. Bachman:

AT&T intends to install a temporary cellular communications facility for service during the 2025 Travelers Golf Tournament at the TPC River Highlands Golf Course in Cromwell, CT. Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-73, of construction that constitutes an exempt modification under R.C.S.A. § 16-50j-72(d). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Cromwell Mayor James Demetriades, the Cromwell Planning & Development Department and to the Tournament Players Club of CT, which owns the property.

AT&T operates under licenses issued by the Federal Communications Commission (FCC) to provide cellular and PCS mobile telephone service in Middlesex County, which includes the area to be served by AT&T's proposed temporary installation. The proposed temporary facility would be installed on property owned by the Tournament Players Club (TPC).

Proposed Temporary Facility

The proposed temporary cell site meets the criteria set forth in R.C.S.A § 16-50j-72(d) for temporary cellular service for events of statewide significance. The site is necessary to provide additional

system capacity to accommodate increased communication needs during the tournament. This modification may include B2, B5, B17, B14, B29, B30, B66 & n77 hardware that is 4G(LTE) and/or 5GNR capable through remote software configuration and either or both services may be turned on or off at various times.

The Travelers Championship golf tournament will be held at the TPC River Highlands golf course off CT Route 99 (Main Street) from June 16th – 22nd, 2025. The temporary cell site will be located on property owned by TPC. The address is 100 Golf Club Road, and the site coordinates are 41.632879, -72.636873. An e-mail from the Director of the tournament authorizing AT&T's use of the property for this purpose is attached. AT&T's equipment will be deployed to TPC River Highlands Golf Course on or around May 26th. The site will begin on-air operations on or around June 12th and be removed on or around June 24th, 2025.

AT&T's temporary cell site will consist of radio equipment installed in a trailer-mounted unit referred to as a "Cell on Wheels" (COW) and a separate trailer-mounted lattice "Tower on Wheels (TOW) that is capable of extending to 120 feet above ground level (see attached drawings). The COW (including trailer) is 22 feet long, 8 feet wide and 12 feet high. The TOW trailer is 33 feet long, 8 feet wide and 13 feet high including the tower in stowed position. Both units will be installed adjacent to an existing industrial-type building and within an existing fenced area. Electric power will be provided by TPC. The proposed temporary cell site will not increase noise levels by six decibels or more.

The lattice tower will be extended to a height of 98 feet above ground. Two (2) Kathrein 840-10520 antennas and one (1) Matsing MS-6.3DB90 antenna will be mounted at the top of the tower at a centerline height of 98 feet. Three (3) Kathrein 840-10520 antennas will be installed at 88 feet and two (2) Ericsson AIR6472 B77D antennas will be installed at 78 feet above ground level. Guy lines will further stabilize and support the extended tower and antennas.

Power Density Calculations

AT&T's temporary cell site will not result in a total radio frequency electromagnetic radiation power density, measured at six feet above ground level at the temporary tower location, at or above State or Federal standards. Please see attached Radio Frequency Emissions Report.

The report shows that AT&T's temporary transmissions from the temporary cell site will result in a maximum cumulative percent of MPE that is calculated to be 10.10% of the FCC limit for general population/uncontrolled environments.

Conclusion

AT&T respectfully requests that the Council acknowledge AT&T's Notice of Exempt Modification for the temporary cell site to be operated during the 2025 Travelers Championship golf tournament pursuant to R.C.S.A. § 16-50j-72(d).

Please feel free to call me at (860) 670-9068 with any questions regarding this Notice. Thank you for your consideration in this matter.

Sincerely,

Mark Roberts

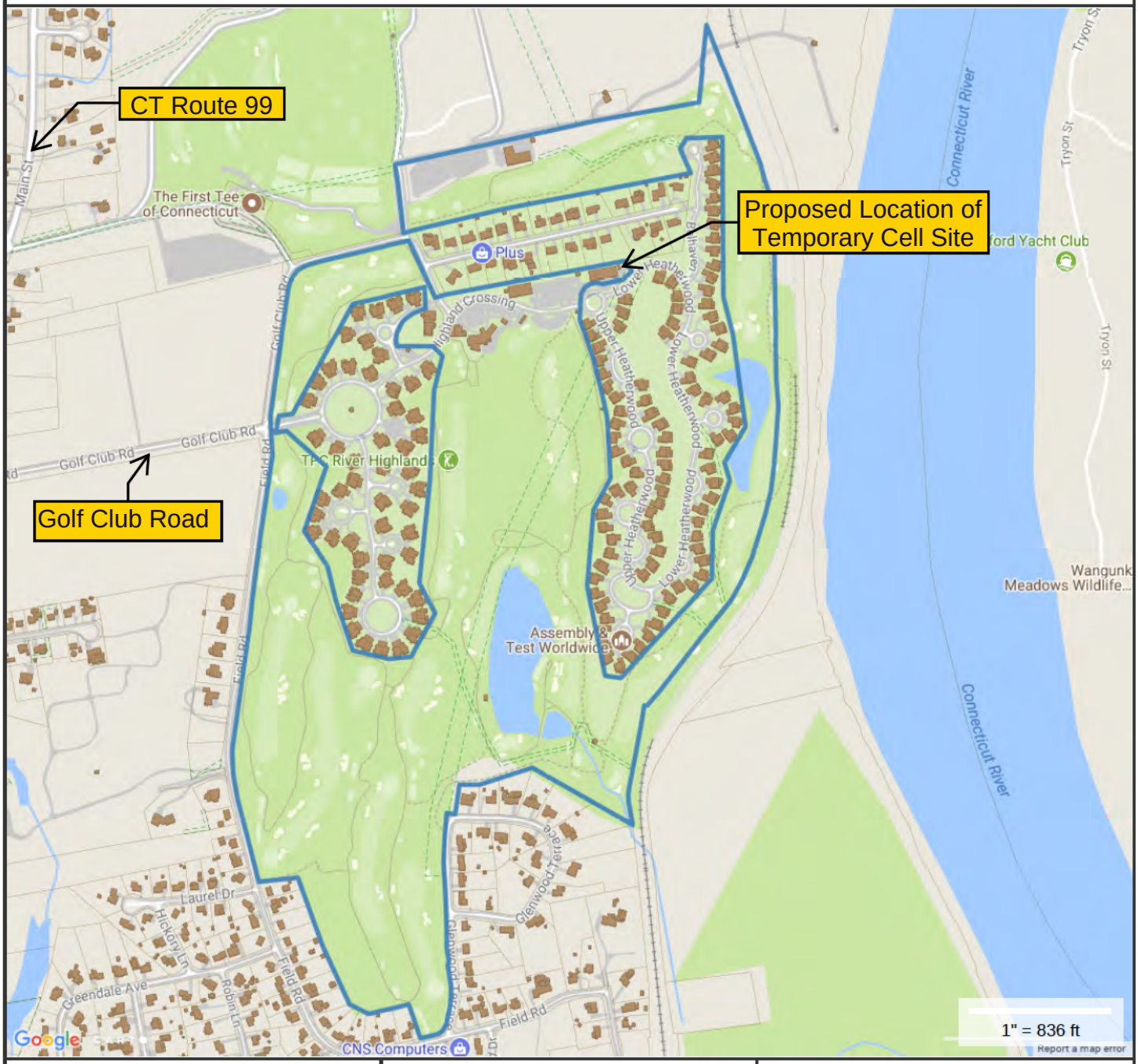
Mark Roberts
Consultant for SAI
Mark.Roberts@QCDevelopment.net

Attachments

cc: Mayor James Demetriades – Elected Official
Stuart B. Popper – Department of Planning & Development
Kevin Harrington – Sr. Director, Travelers Championship / TPC River Highlands

Town of Cromwell, CT

Tax Assessor's Map



Property Information

Property ID	00457800
Location	100 GOLF CLUB ROAD
Owner	TOURNAMENT PLAYERS CLUB OF CT INC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of Cromwell, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Parcels updated 1/1/2018
Properties updated daily

TOWN OF CROMWELL

Printed By: Shawna 11/04/2022 5:01:39PM

Parcel ID: **00457800** ***Location:*** 100 GOLF CLUB ROAD ***Map-Lot*** 60-17 ***Last Revaluation -*** ***October 1, 2022***

Current Owner	***Percent***
TOURNAMENT PLAYERS CLUB OF CT INC	100

1 GOLF CLUB ROAD
CROMWELL CT 06416

Previous Owner(s)

Current Value Information

Mkt Adj Cost

Use Code	Land Value	PA 490 Value	Building Value	Outbuildings	Total Value	Total Assessed
201	8,470,500	0	8,299,000	814,900	17,584,400	12,309,080
TOTAL	**8,470,500**	**0**	**8,299,000**	**814,900**	**17,584,400**	**12,309,080**

Patriot
Properties Inc.

Property Factors

Census 5703
Flood:
Topo:
Street: Paved
Dev. Map
Dev. Map

Zoning Data

Desc.	%
R-25	100.00

Utilities

2 Public Water

BAA

09K;07K

Previous Value Information

Tax Yr	Land Value	Bldg Value	Outbuildings	Total Value	Total Assessment
2021	6,198,700	6,369,200	648,100	13,216,000	9,251,200
2020	6,198,700	6,369,200	648,100	13,216,000	9,251,200
2019	6,198,700	6,369,200	648,100	13,216,000	9,251,200
2018	6,198,700	302,100	452,600	6,953,400	4,867,380
2017	6,198,700	1,176,600	615,100	7,990,400	5,593,280
2016	5,929,490	1,204,210	359,400	7,493,100	5,222,500

General Notes

TPC Golf Course

Sales Information

Grantee	Vol-Page	Type	SaleDate	SalePrice	Sale Verif	GeneralNotes
TOURNAMENT PLAYERS CLU	242-84		04/25/1984	0		

Activity Information

Date	Results	Visited By
08/15/2022	Change - Value Change Company	DM
09/27/2018	Permit- Drive By	Karen Vaiciulis
08/31/2018	Permit- Drive By	Assessor Office
09/12/2017	Change - Value Change Company	John Valente
05/17/2017	No Change - Field Review	Dave Stannard
07/22/2016	Permit- Miscellaneous	Assessor Office
07/22/2016	Permit- Miscellaneous	Assessor Office
07/18/2016	Permit- Miscellaneous	Assessor Office
06/28/2016	Permit- Miscellaneous	Assessor Office
06/28/2016	Permit- Miscellaneous	Assessor Office

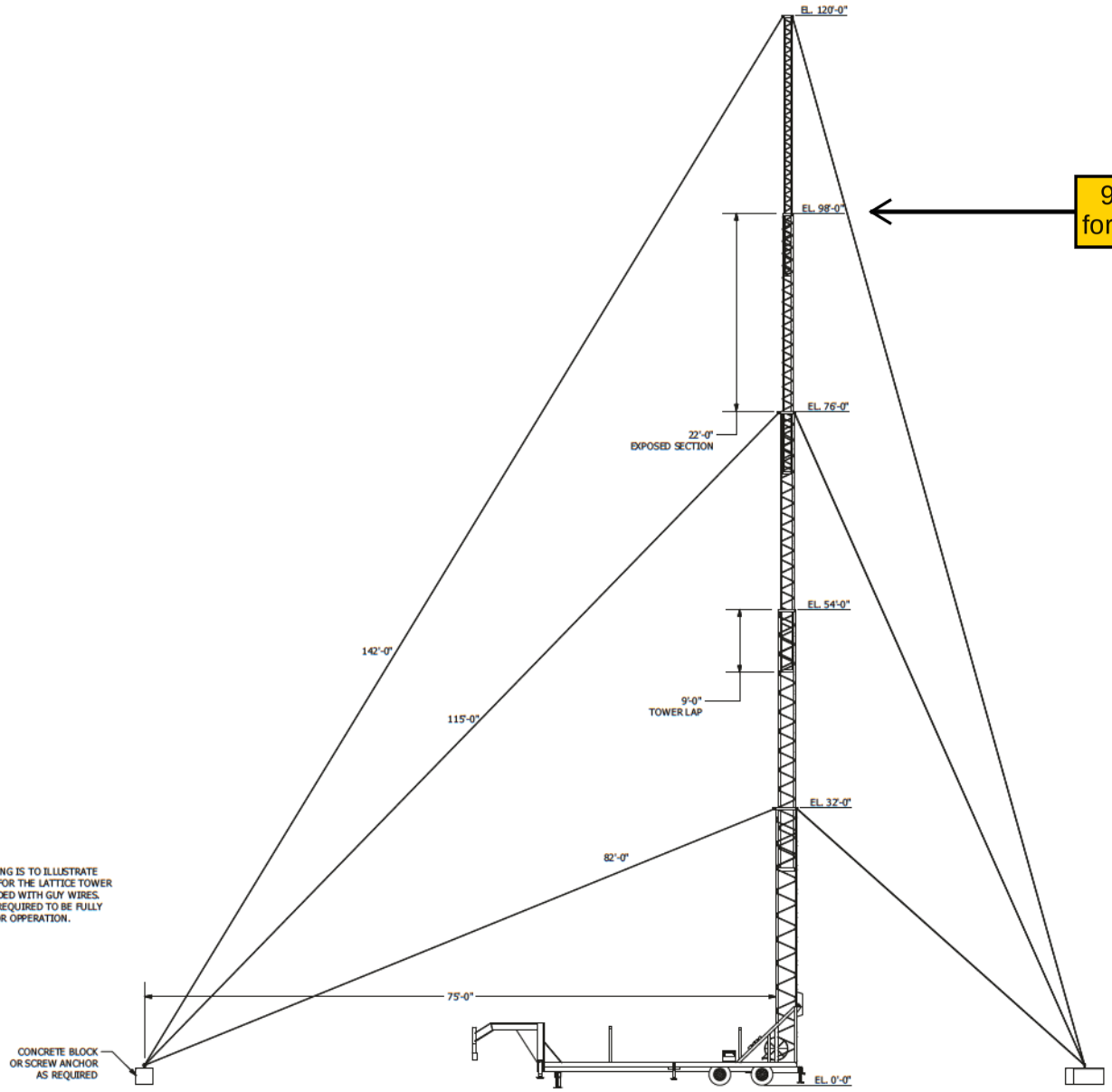
Building Permit Information

Date	Permit #	Description	Amount	% Comp	Visit Date	CO Date	GeneralNotes
06/03/2022	28634	Electric	10,000	0			wire trailers/temp
05/27/2022	28616	Propane Tank	5,000	0			temp-tournament
05/04/2022	28563	Other	848,000	0			TEMP. TENTING CHAMPIONSHIP 2022
05/28/2021	27713	Propane Tank	26,219	0			TEMP PROPANE TANKS
05/28/2021	27715	Other	350,000	0			TEMP TENTING
05/13/2021	27673	Electric	10,000	0			trailers & tents
06/19/2020	26873	Other	5,000	100			2020 TEMP TENT
05/20/2020	26806	Electric	10,000	100			tournament elec.

Land Data

Use	Description	Units	Unit Type	Neigh	Land Adjustments		Special Land Calc	Appraised Value	PA 490 Asmt	Neigh Order	Notes
201	Commercial	217,800	SF	CJ				1,437,500	0	4280	
201	Commercial	153.100	AC	CJ	Utility	75%		7,033,000	0	4280	

Total Area: 158.10 **PA 490 Use Asmt: 0** **Total Appraised: 8,470,500** **Assessed Value: 5,929,350**



98 ft -- Extended Height for theTemporary Cell Site

NOTE:
THE FOLLOWING IS TO ILLUSTRATE ELEVATIONS FOR THE LATTICE TOWER FULLY EXTENDED WITH GUY WIRES. TOWER NOT REQUIRED TO BE FULLY EXTENDED FOR OPPERATION.

EXTENDED TOWER ELEVATION
SCALE 1:160

ENGINEER SEAL

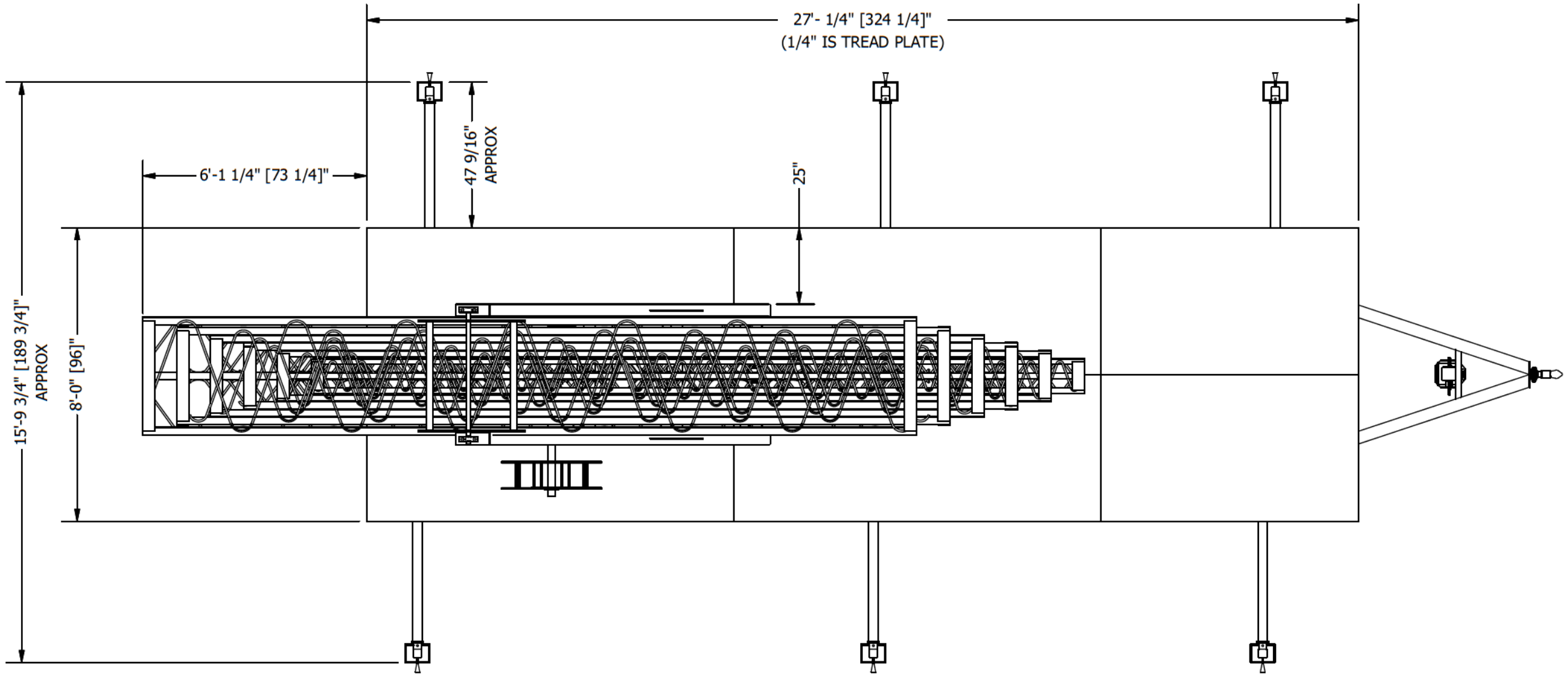
CellXion
A Division of Sabre Industries, Inc.
5031 Hazel Jones Road
Bossier City, LA 71111
voice: 318-213-2900
fax: 318-213-2919
www.cellxion.com

CUSTOMER:

PROJECT:
LMS - 120
120' TOWER ON WHEELS

FILENAME: *LMS - 120.dwg*	
DESIGN BY: *C.LYLES*	DATE: *12/6/2012*
DRAWN BY: *C.LYLES*	DATE: *12/6/2012*
CHECKED BY:	DATE:
ENGINEERED BY:	DATE:
APPROVED BY:	DATE:
SHEET NO.: *4 OF 4*	
DRAWING NO.: *LMS - 120*	REV:

NOTES:
1. 25,900 GVWR TRAILER
2. 106 FT LATTICE TYPE CONSTRUCTION



PLAN VIEW

ENGINEER SEAL

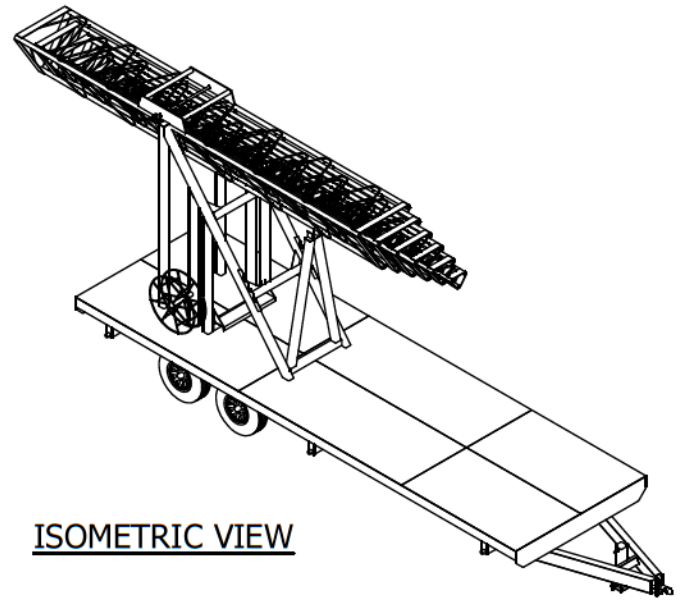
Cellxion
A Division of Sabre Industries, Inc.
5031 Hazel Jones Road
Bossier City, LA 71111
voice: 318-213-2900
fax: 318-213-2919
www.cellxion.com

CUSTOMER:

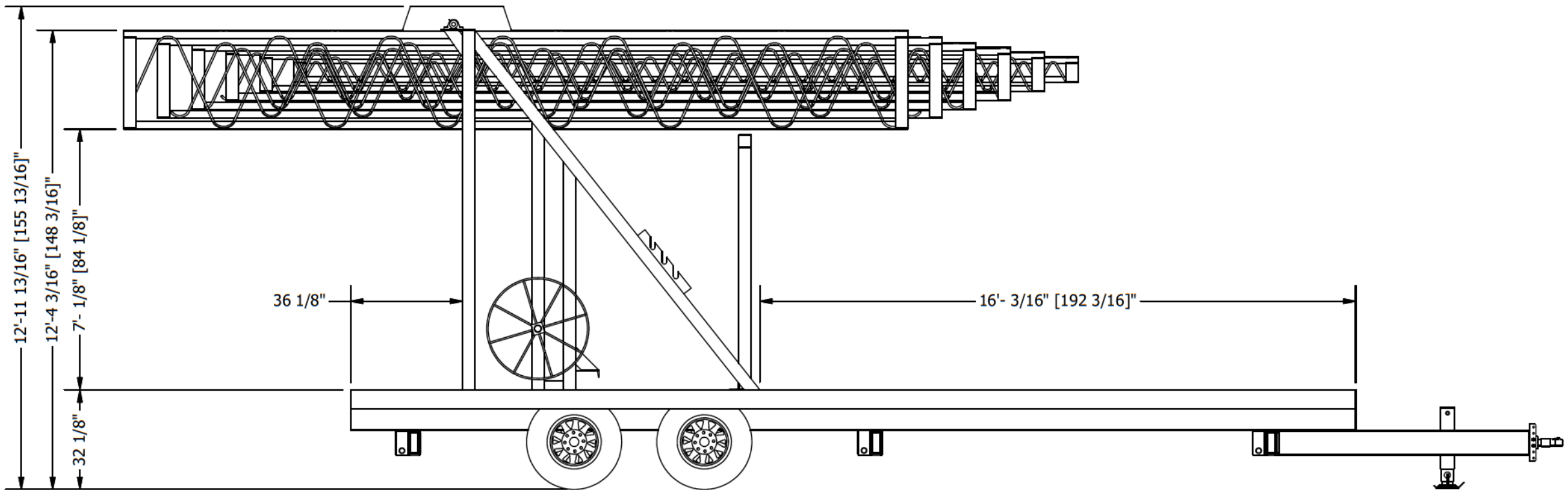
PROJECT:

FILENAME: *NEW DESIGN Tower.dwg*	
DESIGN BY: *C.LYLES*	DATE: *6/7/2012*
DRAWN BY: *C.LYLES*	DATE: *6/7/2012*
CHECKED BY:	DATE:
ENGINEERED BY:	DATE:
APPROVED BY:	DATE:
SHEET NO.: *2 OF 2*	
DRAWING NO.: ***NEW DESIGN Tower***	REV:

NOTES:
1. 25,900 GVWR TRAILER
2. 106 FT LATTICE TYPE CONSTRUCTION



ISOMETRIC VIEW



RIGHT SIDE VIEW

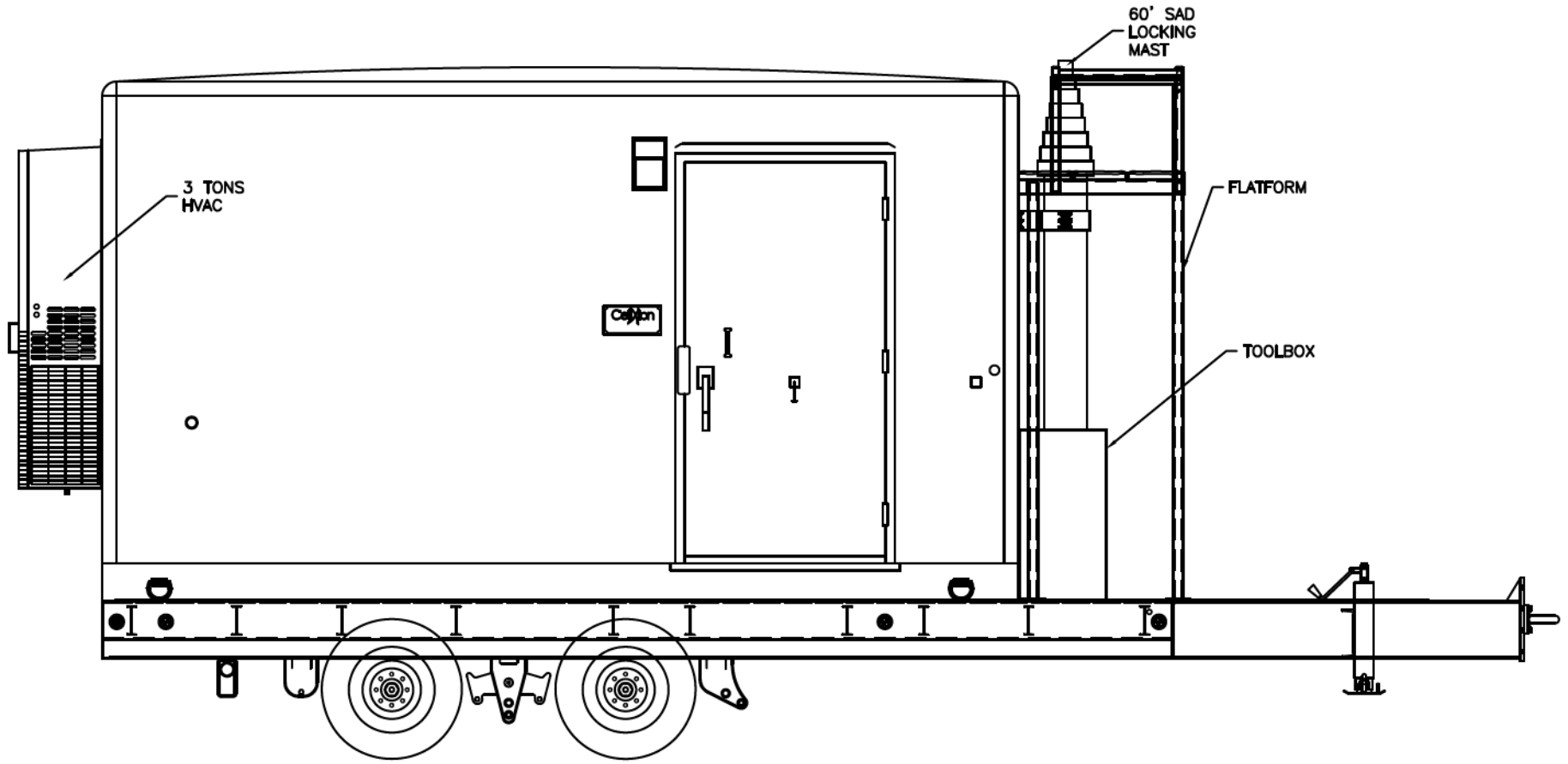
ENGINEER SEAL

CellXion
A Division of Sabre Industries, Inc.
5031 Hazel Jones Road
Bossier City, LA 71111
voice: 318-213-2900
fax: 318-213-2919
www.cellxion.com

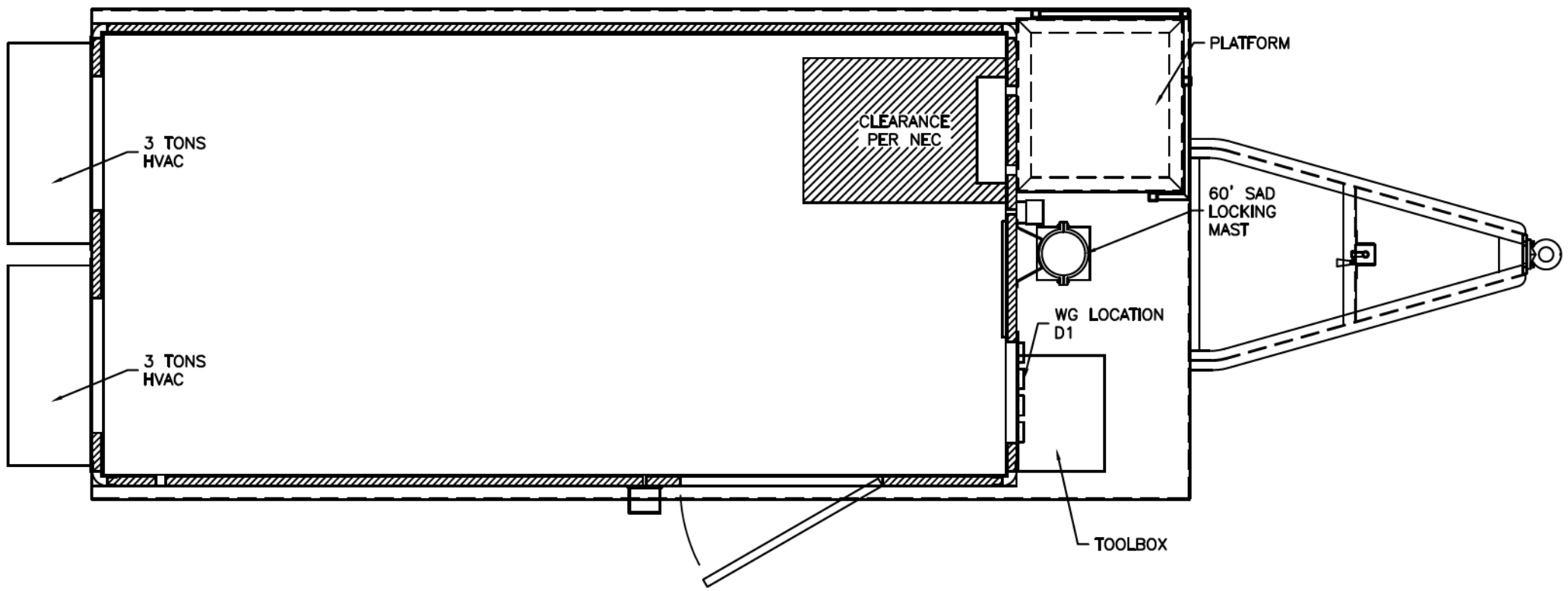
CUSTOMER:

PROJECT:

FILENAME: *NEW DESIGN Tower.dwg*	
DESIGN BY: *C.LYLES*	DATE: *6/7/2012*
DRAWN BY: *C.LYLES*	DATE: *6/7/2012*
CHECKED BY:	DATE:
ENGINEERED BY:	DATE:
APPROVED BY:	DATE:
SHEET NO.: *1 OF 2*	
DRAWING NO.: ***NEW DESIGN Tower***	REV:



SIDE ELEVATION



FLOOR PLAN

128.000 SQ. FT. EXTERIOR AREA
119.141 SQ. FT. INTERIOR AREA

Cellxion
A Division of Sabre Industries, Inc.
5031 Hazel Jones Road
Bossier City, Louisiana 71111
voice: (318) 213-2900
fax: (318) 213-2919
www.cellxion.com

CUSTOMER:

PROJECT:
COW 5 BAY
25,900 GVWR
PLAN/ELEVATION

FILENAME: *CXS/XCXS36*	
SCALE: *NTS*	TOLERANCE:
DRWN. BY: *A.MENDOZA*	DATE: *10/04/11*
CHK. BY: *V.HASSELL*	DATE: *10/04/11*
ENG. BY:	DATE:
APP. BY:	DATE:
SHEET NO. *1 OF 1*	
DRAWING NO.: *XCXS36*	REV.:

From: Kevin Harrington <kharrington@travelerschampionship.com>
Sent: Tuesday, April 1, 2025 11:07 AM
To: Dan Bilezikian <dbilezikian@saigrp.com>
Cc: Maryellen Perrotta <mperrotta@saigrp.com>
Subject: RE: 2025 Travelers Championship - AT&T COW deployment dates

Dan,

This email authorizes AT&T Wireless and/or its authorized agent to file for all necessary federal, state or local permits
and approvals for the proposed temporary wireless telecommunication facility at the TPC River Highlands for the
Travelers Championship.

Thank you,

Kevin Harrington
Senior Director of Operations
Travelers Championship
860-982-2044

C Squared Systems, LLC
65 Dartmouth Drive
Auburn, NH 03032
(603) 644-2800
support@csquaredsystems.com

Calculated Radio Frequency Emissions Report

CT5993

1 Golf Club Road, Cromwell, CT

April 1, 2025

Table of Contents

List of Figures

List of Tables

1. Introduction

The purpose of this report is to investigate compliance with applicable FCC regulations for the proposed temporary deployment for Travelers Championship of AT&T antenna arrays on top of the Super COLT (**C**ell **O**n **L**ight **T**ruck) at 78', 88' and 98' AGL located at 1 Golf Club Road in Cromwell, CT. The coordinates of Super Colt are 41° 37' 58.36" N, 72° 38' 12.74" W.

AT&T is proposing the following:

1) Install nine (9) multi-band antennas to support its 4G LTE and 5G NR networks as well as the FirstNet National Public Safety Broadband Network ("NPSBN").

This report considers the planned antenna configuration for AT&T to calculate the resulting % Maximum Permissible Exposure (MPE) at ground level around the facility.

2. FCC Guidelines for Evaluating RF Radiation Exposure Limits

In 1985, the FCC established rules to regulate radio frequency (RF) exposure from FCC licensed antenna facilities. In 1996, the FCC updated these rules, which were further amended in August 1997 by OET Bulletin 65 Edition 97-01. These new rules include Maximum Permissible Exposure (MPE) limits for transmitters operating between 300 kHz and 100 GHz. The FCC MPE limits are based upon those recommended by the National Council on Radiation Protection and Measurements (NCRP), developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI).

The FCC general population/uncontrolled limits set the maximum exposure to which most people may be subjected. General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

Public exposure to radio frequencies is regulated and enforced in units of milliwatts per square centimeter (mW/cm^2). The general population exposure limits for the various frequency ranges are defined in the documents referenced in Attachment A of this report.

Higher exposure limits are permitted under the occupational/controlled exposure category, but only for persons who are exposed as a consequence of their employment and who have been made fully aware of the potential for exposure, and they must be able to exercise control over their exposure. General population/uncontrolled limits are five times more stringent than the levels that are acceptable for occupational, or radio frequency trained individuals. Attachment B contains excerpts from OET Bulletin 65 and defines the Maximum Exposure Limit.

Finally, it should be noted that the MPE limits adopted by the FCC for both general population/uncontrolled exposure and for occupational/controlled exposure incorporate a substantial margin of safety and have been established to be well below levels generally accepted as having the potential to cause adverse health effects.

3. RF Exposure Prediction Methods

The results displayed in the following figures were generated using the following formula as outlined in FCC bulletin OET 65:

$$\text{Power Density} = \left(\frac{GRF^2 \times \text{EIRP}}{4\pi \times R^2}\right) \text{X Off Beam Loss}$$

Where:

EIRP = Effective Isotropic Radiated Power

R = Radial Distance = $\sqrt{(H^2 + V^2)}$

H = Horizontal Distance from antenna

V = Vertical Distance from radiation center of antenna

Off Beam Loss is determined by the selected antenna patterns

GRF = Ground reflection factor of 1.6

These calculations assume that the antennas are operating at full power and 100 percent capacity, and that all antenna channels are transmitting simultaneously. Obstructions (trees, buildings, etc.) that would normally attenuate the signal are not considered. The calculations assume level terrain in the area of study and do not account for actual terrain elevations which could attenuate the signal. As a result, the calculated power density and corresponding % MPE levels reported below are much higher than the actual signal levels will be from the final installation.

The percent of MPE values presented in this report reflect levels that one may encounter from one sector of a carrier's antennas. Most carriers use 3 or 4 sectors per site with azimuths approximately 90 or 120 degrees apart, respectively; therefore, one could not be standing in the main beam of all sectors at the same time. In cases where antenna models are not uniform across all sectors, the antenna model with the highest gain was used for the calculations. This results in a conservative or "worst case" assumption for percent of MPE calculations.

4. Antenna Inventory

Table 1 below outlines AT&T's proposed antenna configuration for the site. The associated data model and antenna patterns for these specific antenna models are included in Attachment C.

Operator	Sector / Azimuth	TX Freq (MHz)	Power at Antenna (Watts)	Ant Gain (dBi)	Power EIRP (Watts)	Antenna Model	Beam Width	Mech. Tilt	Length (ft)	Antenna Centerline Height (ft)
AT&T	Alpha / 0°	763	160	10.5	1795	84010520	72	0	1.9	88
		739	160	10.5	1795		72	0	1.9	98
		1930	160	13.3	3421		64			
		3500	200	19.1	16257	AIR 6472	60	0	3	78
		3700	200	18.9	15525					
	Beta / 170°	763	160	10.5	1795	84010520	72	0	1.9	88
		739	160	10.5	1795		72	0	1.9	98
		1930	160	13.3	3421		64			
		3500	200	19.1	16257	AIR 6472	60	0	3	78
		3700	200	18.9	15525					
	Gamma / 250°	763	160	10.5	1795	84010520	72	0	1.9	88
		739	160	16.5	1924	MS-6.3DB90A	23	0	3.25	98
		850	160	16.5	7147					
		1900	160	22.8	7147					
		2100	240	22.8	30487					
		2300	160	22.8	45731					
		3500	200	19.1	16257	AIR 6472	60	0	3	78
		3700	200	18.9	15525					

Table 1: Proposed Antenna Inventory[1][2]

[1] Antenna configuration is in reference to AT&T's Radio Frequency Design Sheet dated 03/20/2025.

[2] Transmit power assumes 0 dB of cable loss.

5. Calculation Results

The calculated % MPE results for the proposed antenna configuration are shown in Figure 1 below. Each frequency band and technology is calculated as well as the resulting cumulative percent of MPE. For completeness, the calculations for this analysis range from 0 feet horizontal distance (directly below the antennas) to a value of 3,000 feet horizontal distance from the site. In addition to the other worst-case scenario considerations that were previously mentioned, the power density calculations to each horizontal distance point away from the antennas was completed using a local maximum off beam antenna gain (within ± 5 degrees of the true mathematical angle) to incorporate a realistic worst-case scenario.

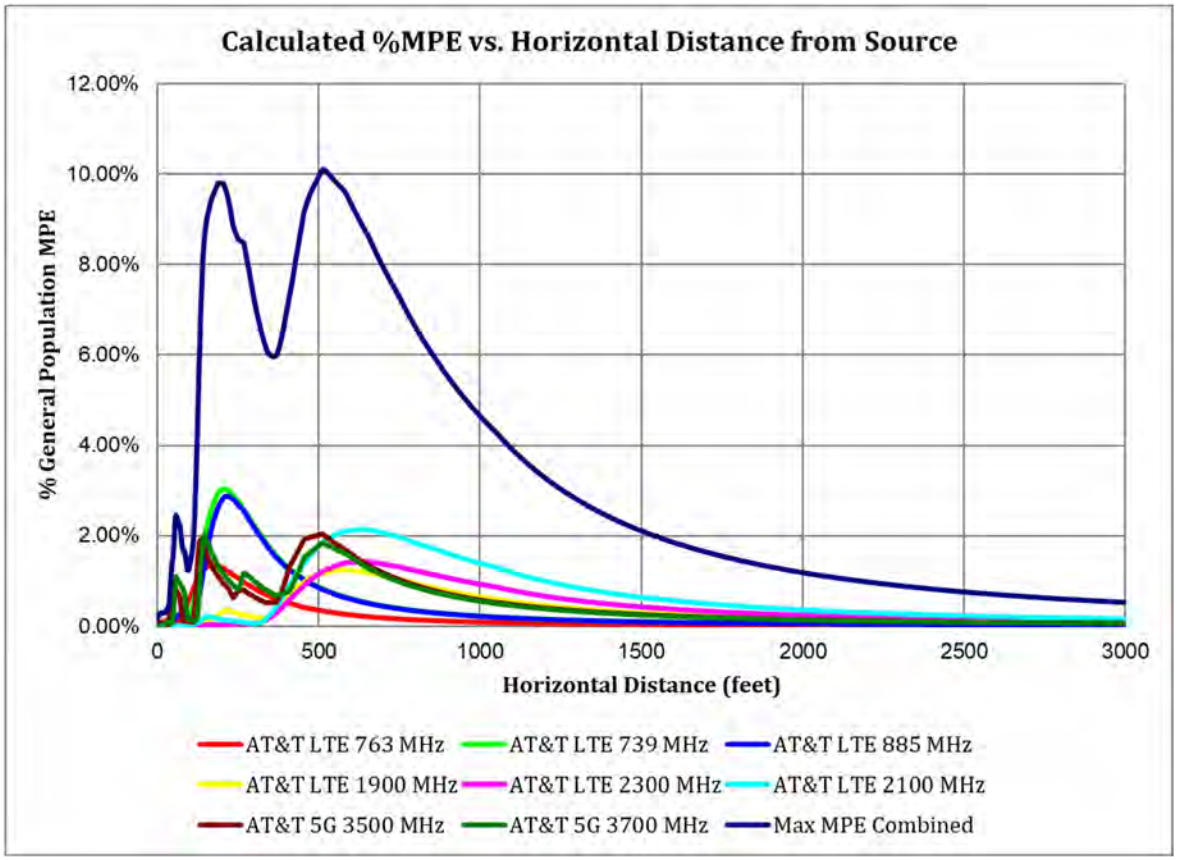


Figure 1: Graph of General Population % MPE vs. Distance

The highest percent of MPE (**10.10% of the General Population limit**) is calculated to occur at a horizontal distance of 513 feet from antennas. Please note that the percent of MPE calculations close to the site consider off beam loss, which is determined from the vertical pattern of the antennas used. Therefore, RF power density levels may increase as the distance from the site increases. At distances of approximately 750 feet and beyond, one would now be in the main beam of the antenna patterns and off beam loss is no longer considered. Beyond this point, power density levels vary based on distance from the site and the percent of MPE decreases significantly as distance from the site increases.

Table 2 below lists percent of MPE values as well as the associated parameters that were included in the calculations. As stated in Section 3, all calculations assume that the antennas are operating at 100 percent capacity, and that all antenna channels are transmitting simultaneously. Obstructions (trees, buildings etc.) that would normally attenuate the signal are not taken into account. Additionally, a six-foot height offset was considered in this analysis to account for the height of a person standing at ground level. As a result, the calculated % MPE levels are significantly higher than the actual signal levels will be from the final installation. The results presented in Figure 1 and Table 2 assume level ground from the base of the site out to the horizontal distances calculated.

Carrier	Number of Transmitters	Power out of Base Station Per Transmitter (Watts)	Antenna Height (Feet)	Distance to the Base of Antennas (Feet)	Power Density (mW/cm^2)	Limit (mW/cm^2)	% MPE
AT&T 5G 3500 MHz	1	200.0	78.0	513	0.020400	1.000	2.04%
AT&T 5G 3700 MHz	1	200.0	78.0	513	0.018403	1.000	1.84%
AT&T LTE 1900 MHz	1	160.0	98.0	513	0.011733	1.000	1.17%
AT&T LTE 2100 MHz	1	240.0	98.0	513	0.018570	1.000	1.86%
AT&T LTE 2300 MHz	1	160.0	98.0	513	0.012098	1.000	1.21%
AT&T LTE 739 MHz	1	160.0	98.0	513	0.004084	0.493	0.83%
AT&T LTE 763 MHz	1	160.0	88.0	513	0.001633	0.481	0.34%
AT&T LTE 885 MHz	1	160.0	98.0	513	0.004799	0.590	0.81%
						Total	**10.10%**

Table 2: Maximum Percent of General Population Exposure Values[3] [4]

[3] Frequencies listed are representative of the operating band and are not the specific operating frequency.

[4] The total % MPE listed is a summation of each unrounded contribution. Therefore, summing each rounded value may not reflect the total value listed in the table.

6. Conclusion

The above analysis verifies that RF exposure levels from the site with AT&T's proposed antenna configuration will be well below the maximum permissible levels as outlined by the FCC in the OET Bulletin 65 Ed. 97-01. Using the conservative calculation methods and parameters detailed above, the maximum cumulative percent of MPE in consideration of all transmitters is calculated to be **10.10% of the FCC limit (General Population/Uncontrolled)**. This maximum cumulative percent of MPE value is calculated to occur 513 feet away from the site.

7. Statement of Certification

I certify to the best of my knowledge that the statements in this report are true and accurate. The calculations follow guidelines set forth in ANSI/IEEE Std. C95.1, ANSI/IEEE Std. C95.3, and FCC OET Bulletin 65 Edition 97-01.

		April 1, 2025
Report Prepared By:	Ram Acharya RF Engineer C Squared Systems, LLC	Date
		April 1, 2025
Reviewed/Approved By:	Martin Lavin Senior RF Engineer C Squared Systems, LLC	Date

Attachment A: References

OET Bulletin 65 - Edition 97-01 - August 1997 Federal Communications Commission Office of Engineering & Technology

IEEE C95.1-2019, IEEE Standard Safety Levels With Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz IEEE-SA Standards Board

IEEE C95.3-2021, IEEE Recommended Practice for Measurements and Computations of Electric, Magnetic, and Electromagnetic Fields With Respect to Human Exposure to Such Fields, 0 Hz to 300 GHz IEEE-SA Standards Board

Attachment B: FCC Limits for Maximum Permissible Exposure (MPE)

(A) Limits for Occupational/Controlled Exposure[5]

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (E) (A/m)	Power Density (S) (mW/cm^2)	Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	($900/f^2$)*	6
30-300	61.4	0.163	1.0	6
300-1500	-	-	f/300	6
1500-100,000	-	-	5	6

(B) Limits for General Population/Uncontrolled Exposure[6]

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (E) (A/m)	Power Density (S) (mW/cm^2)	Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	($180/f^2$)*	30
30-300	27.5	0.073	0.2	30
300-1500	-	-	f/1500	30
1500-100,000	-	-	1.0	30

f = frequency in MHz * Plane-wave equivalent power density

Table 3: FCC Limits for Maximum Permissible Exposure

[5] Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

[6] General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

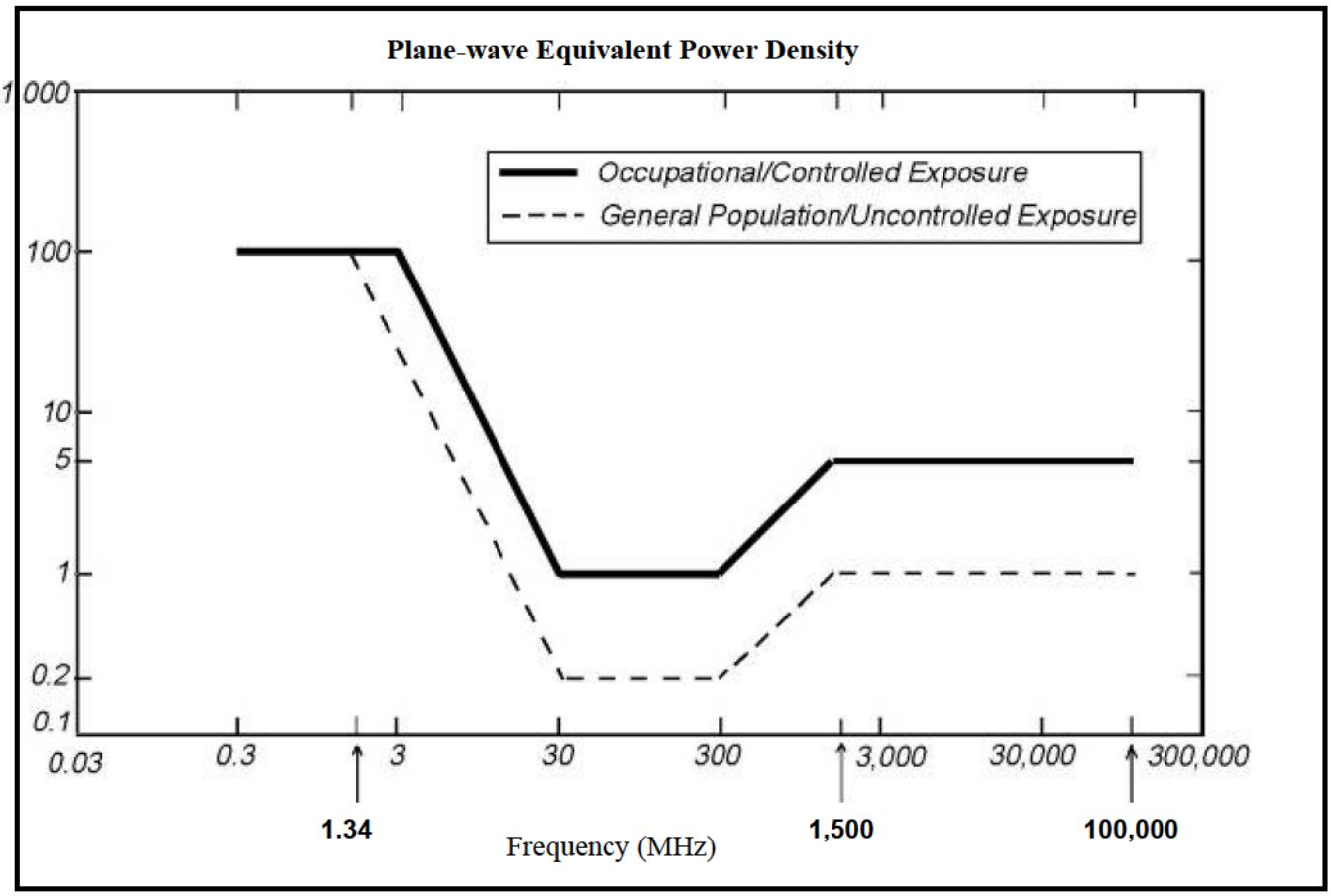
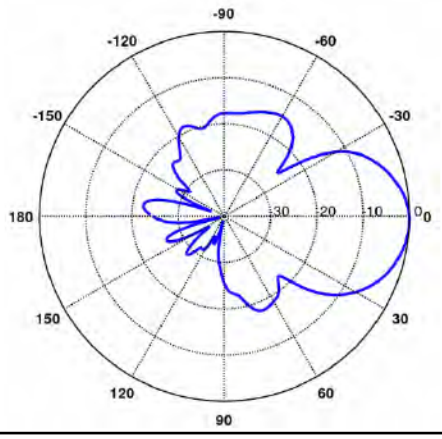


Figure 2: Graph of FCC Limits for Maximum Permissible Exposure (MPE)

Attachment C: AT&T Mobility Antenna Model Data Sheets and Electrical Patterns

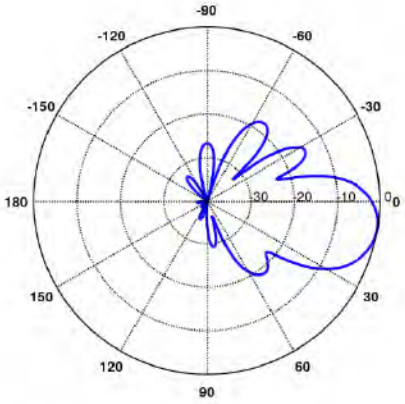
763 MHz

Manufacturer:	KATHREIN
Model #:	84010520
Frequency Band:	698-798 MHz
Gain:	10.5 dBi
Vertical Beamwidth:	36°
Horizontal Beamwidth:	72°
Polarization:	±45°
Dimensions (L x W x D):	23.3" x 10.6" x 6.2"



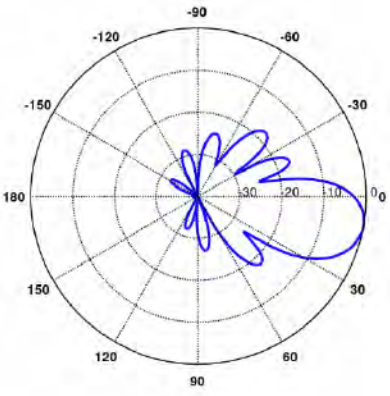
739 MHz

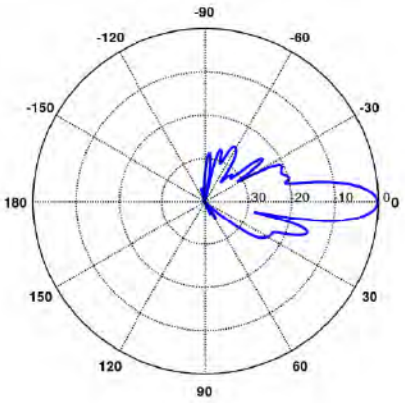
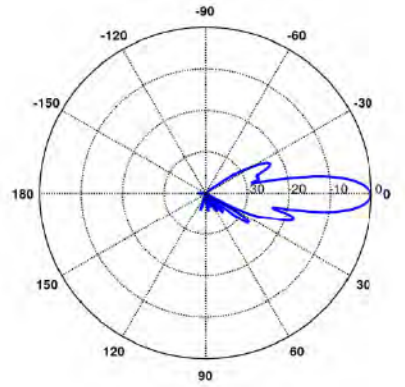
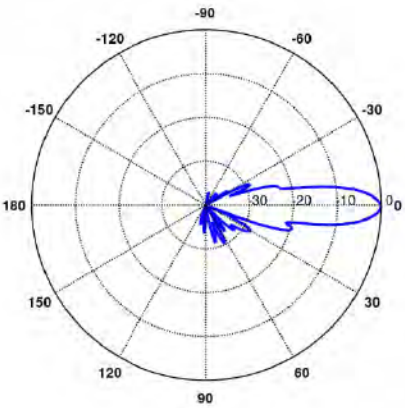
Manufacturer:	MATSING
Model #:	MS-6.3DB90
Frequency Band:	698-960
Gain:	16.5
Vertical Beamwidth:	42
Horizontal Beamwidth:	40
Polarization:	Dual Slant ±45
Dimensions (L x W x D):	39" x 43" x 47"



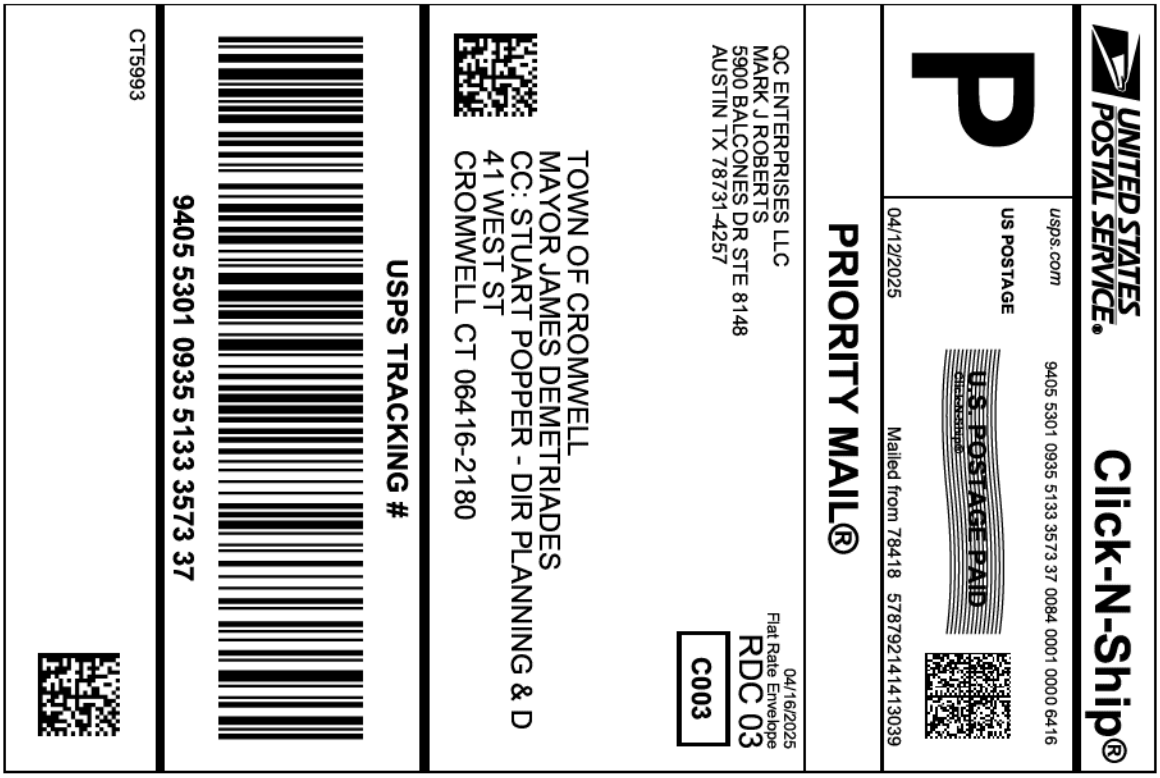
885 MHz

Manufacturer:	MATSING
Model #:	MS-6.3DB90
Frequency Band:	1695-2690
Gain:	22.8
Vertical Beamwidth:	42
Horizontal Beamwidth:	40
Polarization:	Dual Slant ±45
Dimensions (L x W x D):	39" x 43" x 47"



1900 MHz Manufacturer: MATSING Model #: MS-6.3DB90 Frequency Band: 1695-2690 Gain: 22.8 Vertical Beamwidth: 20 Horizontal Beamwidth: 21 Polarization: Dual Slant ±45 Dimensions (L x W x D): 39” x 43” x 47”	
2100 MHz Manufacturer: MATSING Model #: MS-6.3DB90 Frequency Band: 1695-2690 Gain: 22.8 Vertical Beamwidth: 20 Horizontal Beamwidth: 21 Polarization: Dual Slant ±45 Dimensions (L x W x D): 39” x 43” x 47”	
2300 MHz Manufacturer: MATSING Model #: MS-6.3DB90 Frequency Band: 1695-2690 Gain: 22.8 Vertical Beamwidth: 20 Horizontal Beamwidth: 21 Polarization: Dual Slant ±45 Dimensions (L x W x D): 39” x 43” x 47”	

3500/3700 MHz		
Manufacturer:	ERICSSON	N/A
Model #:	AIR 6472 B77G B77M	
Frequency Band:	3450-3550 MHz 3840-3980 MHz	
Gain:	- dBi	
Vertical Beamwidth:	87-105°	
Horizontal Beamwidth:	60°	
Polarization:	N/A°	
Dimensions (L x W x D):	36.3” x 15.83” x 7.4“	



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Package

Flat Rate Envelope

Reference Number

CT5993

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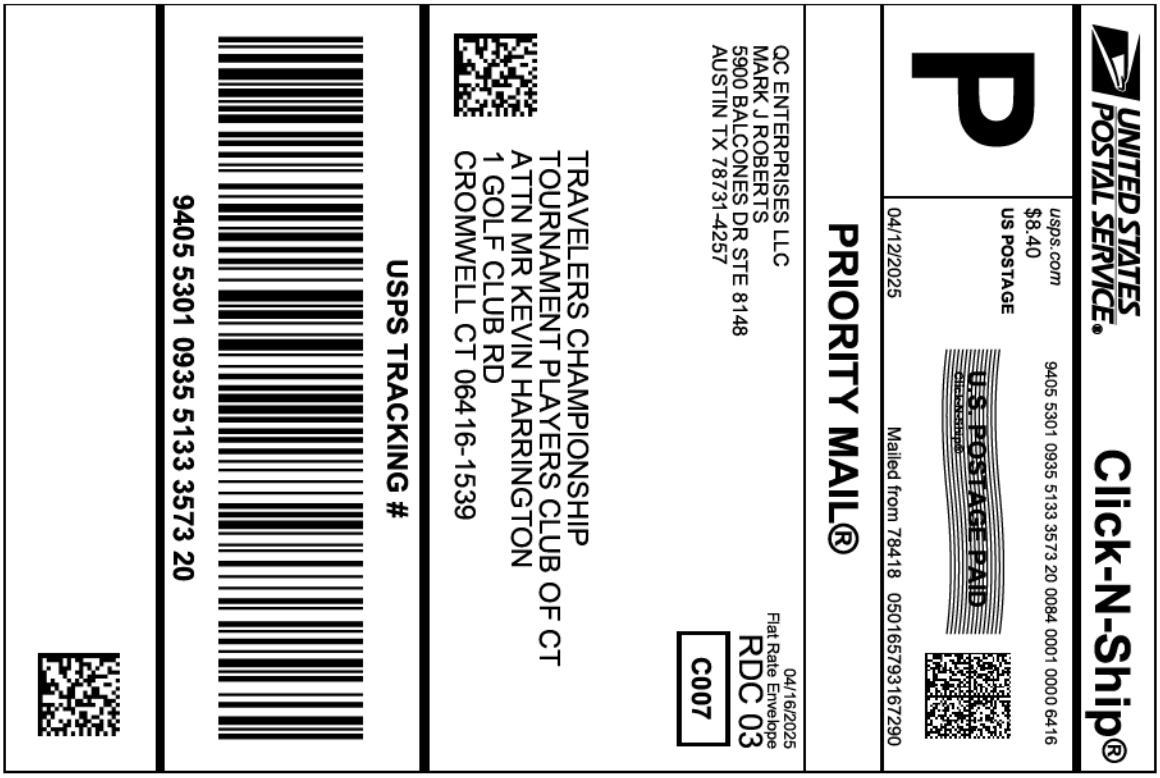

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USPS in possession of item

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Account Number

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Return Address

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5900 BALCONES DR STE 8148
AUSTIN, TX 78731-4257
Mark.Roberts@QCDevelopment.net

Package

Flat Rate Envelope

Delivery Address

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