



QC Development

PO Box 916

Storrs, CT 06268

860-670-9068

Mark.Roberts@QCDevelopment.net

April 14, 2023

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
2023 Travelers Championship Golf Tournament, Cromwell, CT**

Dear Ms. Bachman:

AT&T intends to install a temporary cellular communications facility for service during the 2023 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 Allan Spotts, 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 19th – 25th, 2023. 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 June 1st. The site will begin on-air operations on or around June 13th and be removed on or around June 27th, 2023.

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 AIR6649 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 12.04% 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 2023 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
QC Development
Consultant for AT&T

Attachments

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

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



Patriot
Properties Inc.

Parcel ID: 00457800 Location: 100 GOLF CLUB ROAD

Map-Lot 60-17

Last Revaluation - October 1, 2022

Current Owner
TOURNAMENT PLAYERS CLUB OF CT INC
1 GOLF CLUB ROAD
CROMWELL CT 06416

Use Code	Land Value	PA 490 Value	Mkt Adj Cost	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	

Previous Owner(s)

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

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	Date	Permit #	Description	Amount	% Comp	Visit Date	CO Date	GeneralNotes
08/15/2022	Change - Value Change Company	DM	06/03/2022	28634	Electric	10,000	0			wire trailers/temp
09/27/2018	Permit- Drive By	Karen Vaiculis	05/27/2022	28616	Propane Tank	5,000	0			temp-tournament
08/31/2018	Permit- Drive By	Assessor Office	05/04/2022	28563	Other	848,000	0			TEMP TENTING CHAMPIONSHIP 2022
09/12/2017	Change - Value Change Company	John Valente	05/28/2021	27713	Propane Tank	26,219	0			TEMP PROPANE TANKS
05/17/2017	No Change - Field Review	Dave Stannard	05/28/2021	27715	Other	350,000	0			TEMP TENTING
07/22/2016	Permit- Miscellaneous	Assessor Office	05/13/2021	27673	Electric	10,000	0			trailers & tents
07/22/2016	Permit- Miscellaneous	Assessor Office	06/19/2020	26873	Other	5,000	100			2020 TEMP TENT
06/28/2016	Permit- Miscellaneous	Assessor Office	05/20/2020	26806	Electric	10,000	100			tournament elec.

Building Permit Information

Land Data

Use	Description	Units	Unit Type	Neigh	Land Adjustments	Special Land Calc	Appraised Value	PA 490 Asmt Order	Neigh Order	Notes
201	Commercial	217,800	SF	CJ			1,437,500	0	4280	
201	Commercial	153,100	AC	CJ			7,033,000	0	4280	
	Utility				75%					

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

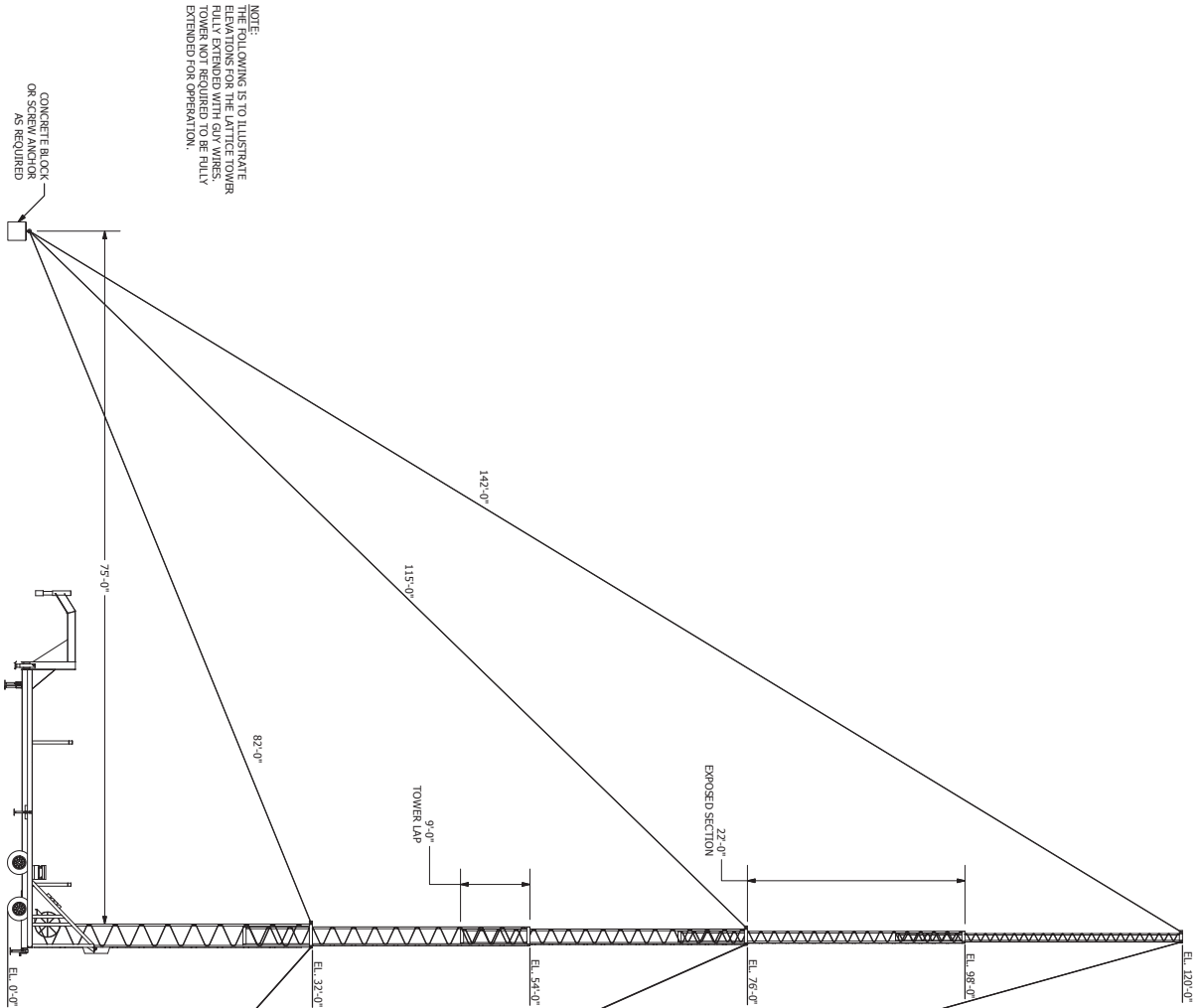
Property Factors
Census 5703
Flood:
Topo:
Street: Paved
Dev. Map
Dev. Map

Zoning Data
Desc. %
R-25 100.00

Utilities
2 Public Water
BAA
09K:07K

ENGINEER SEAL

98 ft -- Extended Height
for the Temporary Cell Site



EXTENDED TOWER ELEVATION
SCALE 1:160

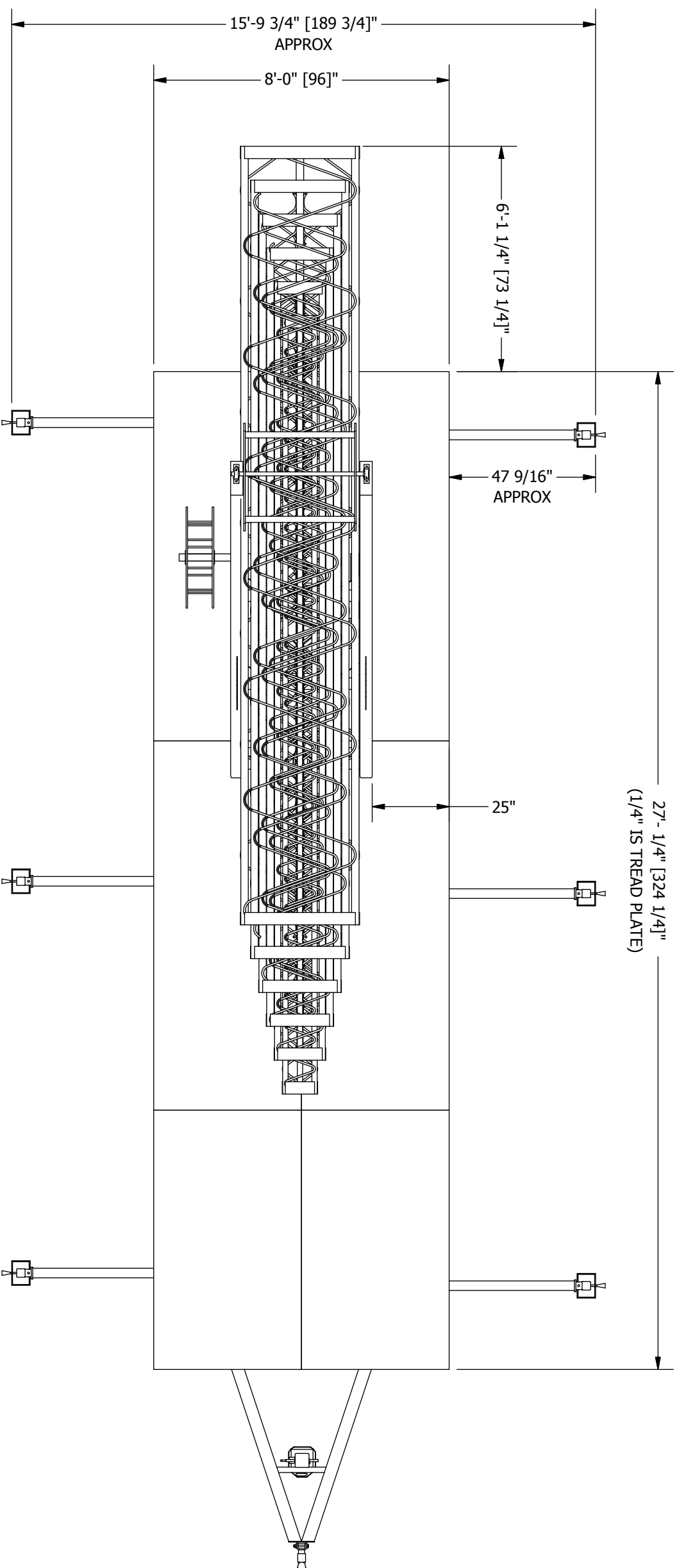
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Cellxion
A Division of Sabre Industries, Inc.
5031 Hazel Jones Road
Bossier City, LA 71111
voice: 318-213-2900
fax: 318-213-2919
www.cellxion.com

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 GWMR TRAILER
 2. 106 FT LATTICE TYPE CONSTRUCTION



PLAN VIEW

NOT FOR CONSTRUCTION

ENGINEER SEAL

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 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.:

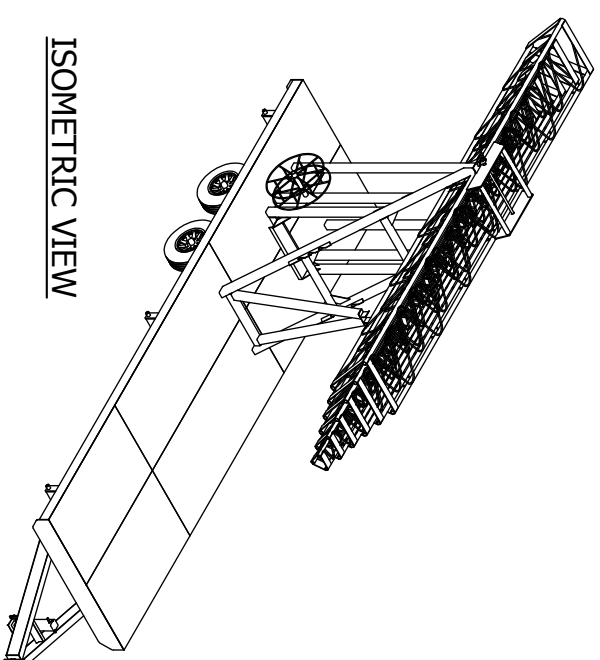
2 OF 2

DRAWING NO.:

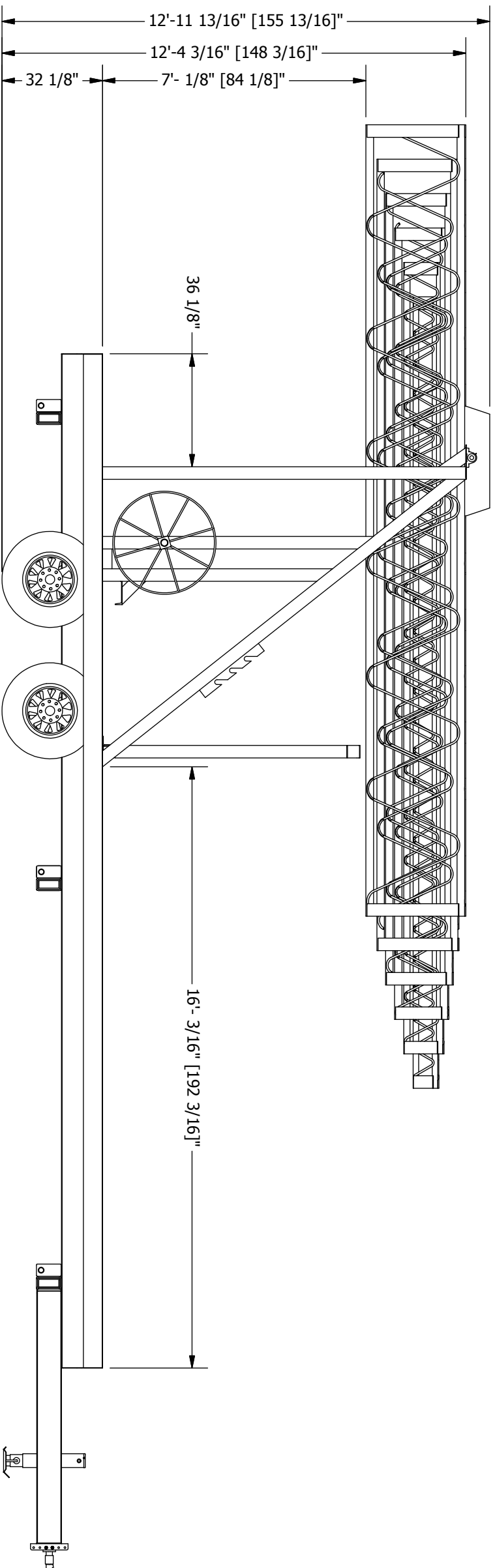
NEW DESIGN Tower

REV:

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



ISOMETRIC VIEW



RIGHT SIDE VIEW

NOT FOR CONSTRUCTION

ENGINEER SEAL

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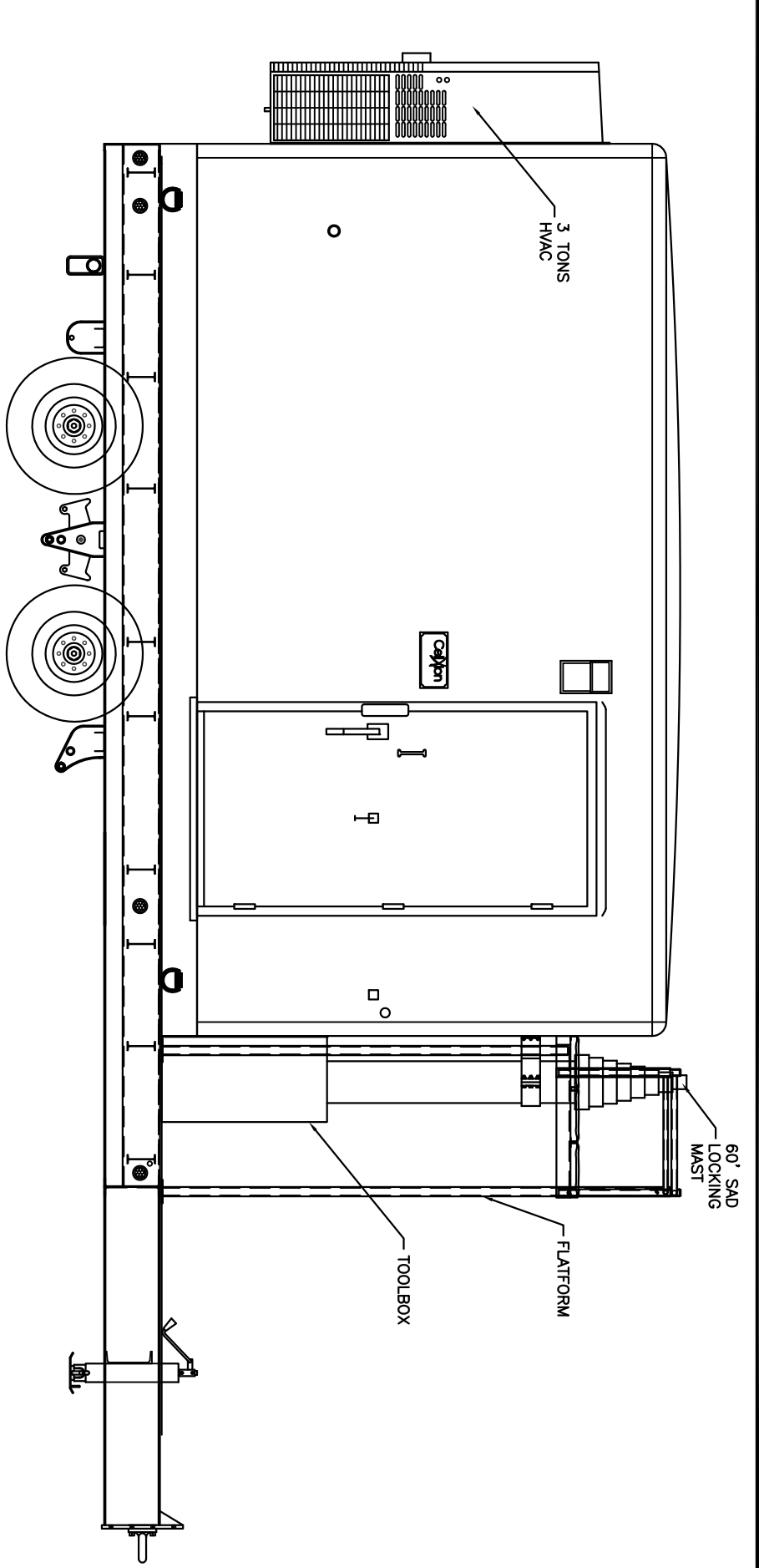
CUSTOMER:

PROJECT:

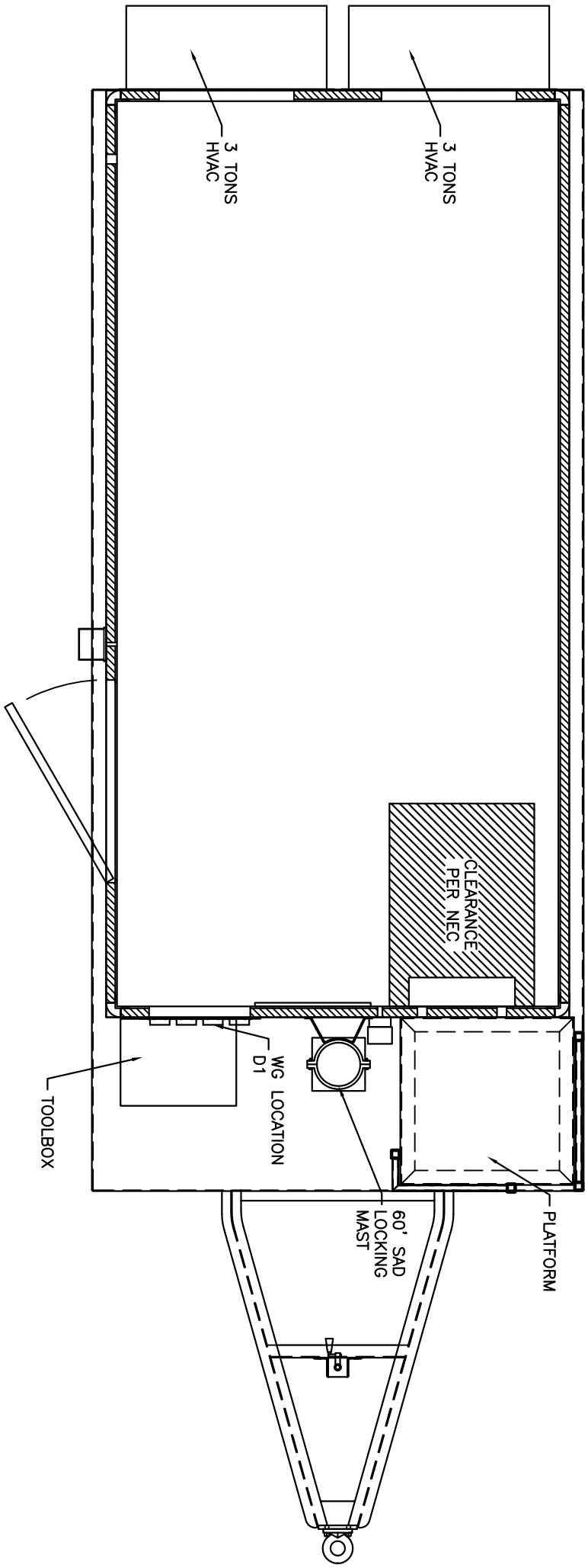
FILENAME:
 NEW DESIGN Tower.dwg

DESIGN BY: C.L.YLES DATE: 6/7/2012
 DRAWN BY: C.L.YLES 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

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www.cellxion.com

CUSTOMER:

PROJECT:
COW 5 BAY
25 900 GVMR
PLAN/ELEVATION

FILENAME: CXS/XCXS36	TOLERANCE:
SCALE: NTS	
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	REV.:
DRAWING NO.: XCXS36	

From: Kevin Harrington <kharrington@travelerschampionship.com>

Date: March 15, 2023 at 6:21:28 PM EDT

To: Frank Kelley <fkelly@saigrp.com>

Cc: Peter Baranski <pbaranski@travelerschampionship.com>

Subject: LOA - AT&T Wireless - Travelers Championship

Frank,

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, CT06810

March 17, 2023

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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 (Cell On Light Truck) 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 eight (8) multi-band antennas to support its commercial LTE network and the FirstNet National Public Safety Broadband Network ("NPSBN").

This report considers the planned antenna configuration for AT&T¹ to derive the resulting % MPE of its proposed installation.

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/cm²). The general population exposure limits for the various frequency ranges are defined in the attached "FCC Limits for Maximum Permissible Exposure (MPE)" in Attachment C 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 C 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.

¹ As referenced to AT&T's Radio Frequency Design Sheet updated 02/27/2023.

3. RF Exposure Prediction Methods

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

$$\text{PowerDensity} = \left(\frac{\text{EIRP}}{\pi \times R^2} \right) \times \text{Off Beam Loss}$$

Where:

EIRP = Effective Isotropic Radiated Power

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

H = Horizontal Distance from antenna in meters

V = Vertical Distance from radiation center of antenna in meters

Off Beam Loss is determined by the selected antenna patterns

Ground reflection factor of 1.6

These calculations assume that the antennas are operating at 100 percent capacity, that all antenna channels are transmitting simultaneously, and that the radio transmitters are operating at full power. Obstructions (trees, buildings, etc.) that would normally attenuate the signal are not taken into account. The calculations assume even terrain in the area of study and do not take into account actual terrain elevations which could attenuate the signal. As a result, the predicted signal levels reported below are much higher than the actual signal levels will be from the final installations.

4. Antenna Inventory

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

Operator	Sector / Call Sign	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°	722	160	10.8	1923	84010520	72	0	1.9	88	
		739	160	10.8	1923		72			98	
		1930	160	13.2	3342		65				
	Beta / 170°	722	160	10.8	1923	84010520	72	0	1.9	88	
		739	160	10.8	1923		72			98	
		1930	160	13.2	3342		65				
			3500	108	23.5	24178	AIR 6449	11	0	2.5	78
	Gamma / 270°		722	160	10.8	1923	84010520	72	0	1.9	88
			739	160	16.5	1924	MS-6.3DB90A	23	0	3.83	98
			850	160	16.5	7147					
			1900	160	22.8	7147					
			2100	240	22.8	30487					
			2300	160	22.8	45731					
		3500	108	23.5	24178	AIR 6449	11	0	2.5	78	

Table 1: Proposed Antenna Inventory²³

² Antenna heights are in reference to AT&T’s Radio Frequency Design Sheet updated, 02/27/2023.

³ Transmit power assumes 0 dB of cable loss.

5. Calculation Results

The calculated power density results are shown in Figure 1 below. 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.

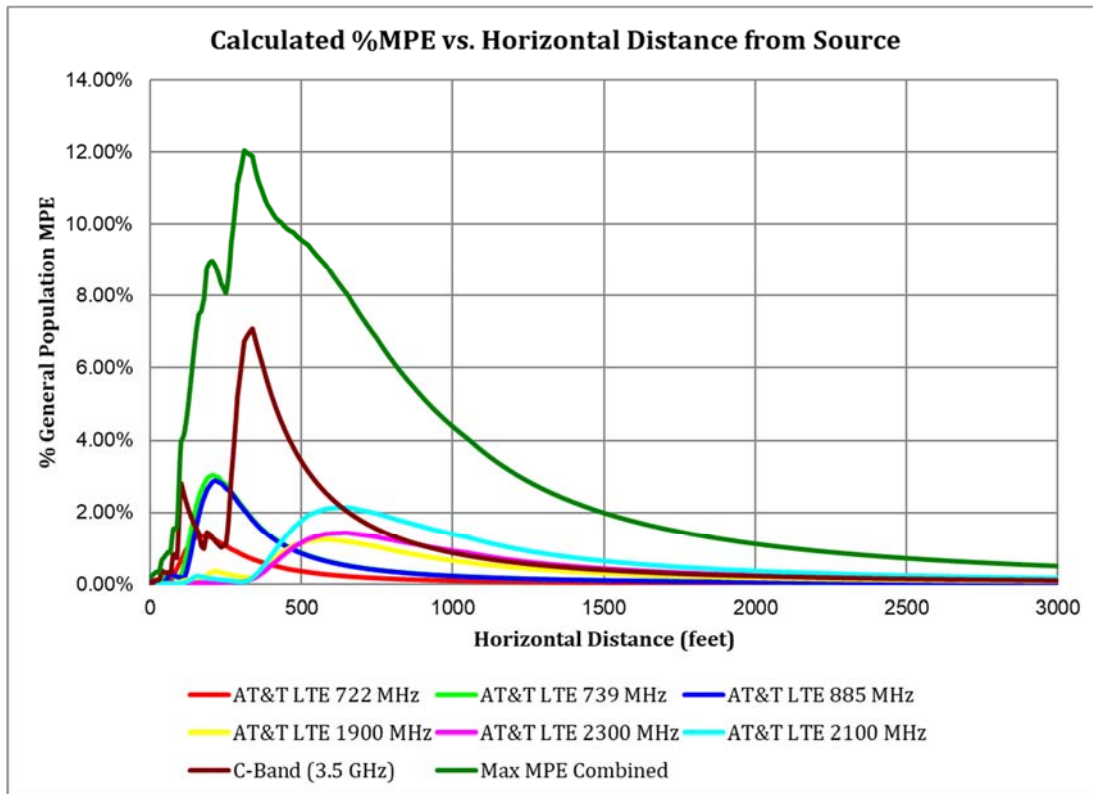


Figure 1: Graph of General Population % MPE vs. Distance

The highest percent of MPE (12.04% of the General Population limit) is calculated to occur at a horizontal distance of 312 feet from antennas. Please note that the percent of MPE calculations close to the site take into account 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 1500 feet and beyond, one would now be in the main beam of the antenna pattern and off beam loss is no longer considered. Beyond this point, RF levels become calculated solely 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. The highest percent of MPE value was calculated to occur at a horizontal distance of 312 feet from the site (reference Figure 1).

As stated in Section 3, all calculations assume that the antennas are operating at 100 percent capacity, that all antenna channels are transmitting simultaneously, and that the radio transmitters are operating at full power. Obstructions (trees, buildings etc.) that would normally attenuate the signal are not taken into account. In addition, a six-foot height offset was considered in this analysis to account for average human height. As a result, the predicted signal levels are significantly higher than the actual signal levels will be from the final configuration. The results presented in Figure 1 and Table 2 assume level ground elevation from the base of the tower 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 LTE 1900 MHz	1	160.0	98.0	312	0.001908	1.000	0.19%
AT&T LTE 2100 MHz	1	240.0	98.0	312	0.000686	1.000	0.07%
AT&T LTE 2300 MHz	1	160.0	98.0	312	0.000725	1.000	0.07%
AT&T LTE 722 MHz	1	160.0	88.0	312	0.003807	0.481	0.79%
AT&T LTE 739 MHz	1	160.0	98.0	312	0.010383	0.493	2.11%
AT&T LTE 885 MHz	1	160.0	98.0	312	0.012199	0.590	2.07%
C-Band (3.5 GHz)	1	108.5	78.0	312	0.067452	1.000	6.75%
						Total	12.04%

Table 2: Maximum Percent of General Population Exposure Values

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 **12.04% of the FCC limit (General Population/Uncontrolled)**. This maximum cumulative percent of MPE value is calculated to occur 312 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. C95.3, ANSI/IEEE Std. C95.1 and FCC OET Bulletin 65 Edition 97-01.

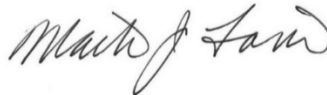


Report Prepared By:

Ram Acharya
RF Engineer 1
C Squared Systems, LLC

March 16, 2023

Date



Reviewed/Approved By:

Martin J. Lavin
Senior RF Engineer
C Squared Systems, LLC

March 17, 2023

Date

Attachment A: References

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

IEEE C95.1-2005, IEEE Standard Safety Levels With Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz IEEE-SA Standards Board

IEEE C95.3-2002 (R2008), IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields With Respect to Human Exposure to Such Fields, 100 kHz-300 GHz IEEE-SA Standards Board

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

(A) Limits for Occupational/Controlled Exposure⁴				
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 Exposure⁵				
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

⁴ 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.

⁵ 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.

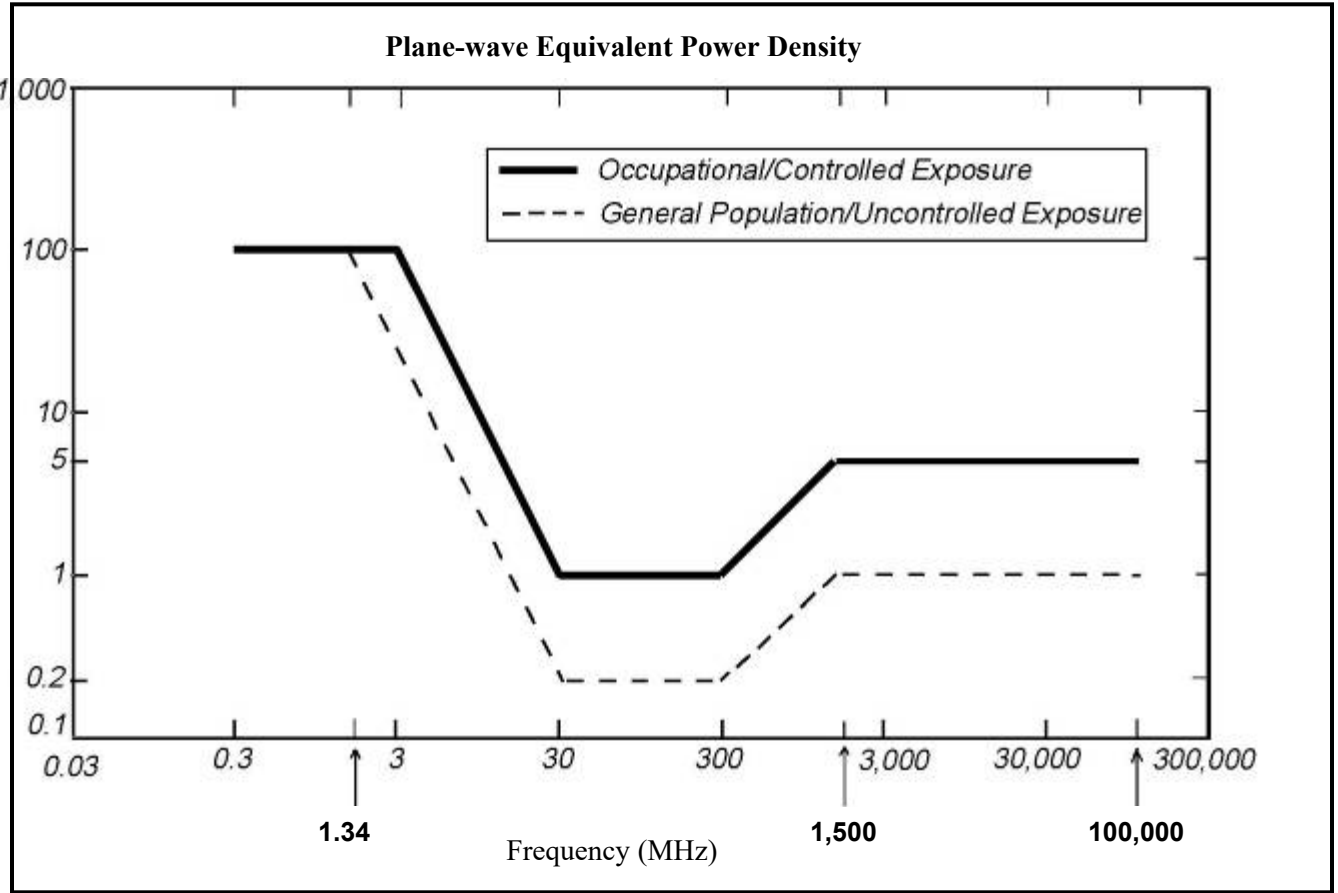
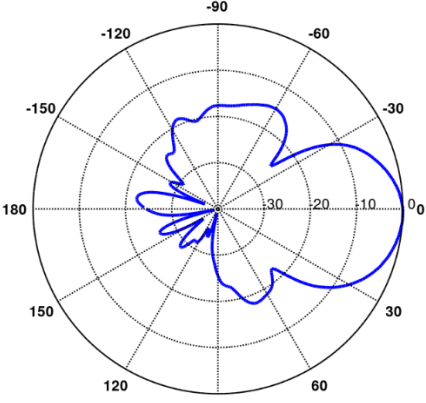
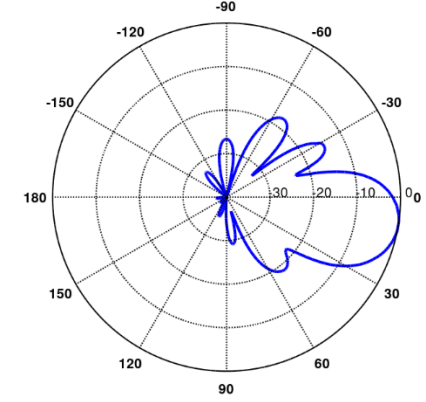
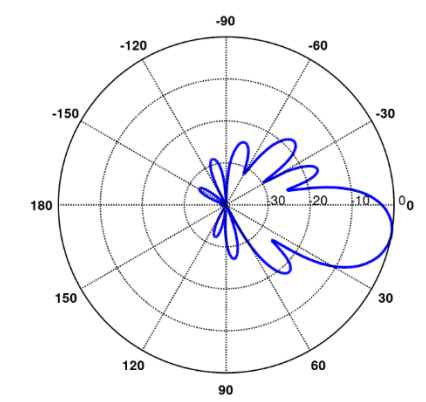
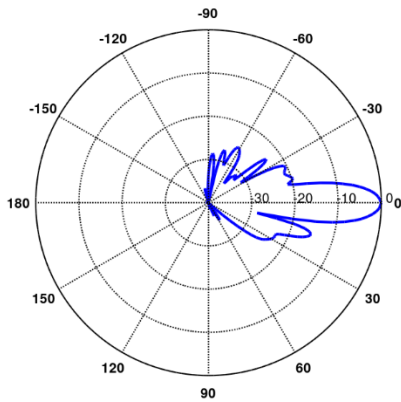
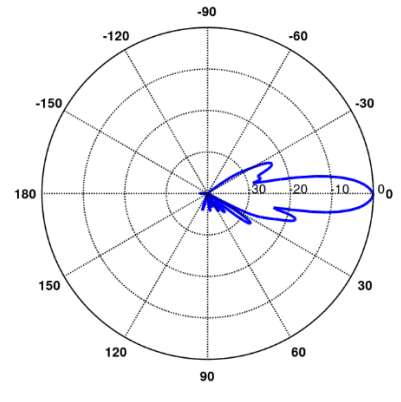
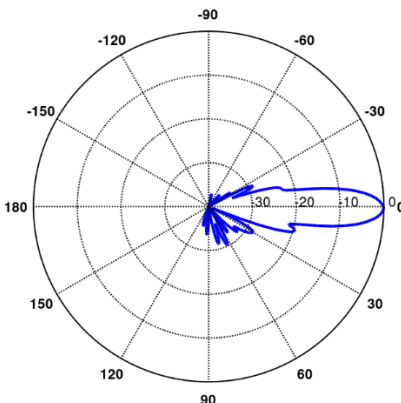
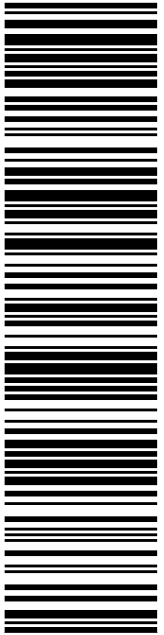


Figure 2: Graph of FCC Limits for Maximum Permissible Exposure (MPE)

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

<p>722 MHz</p> <p>Manufacturer: KATHREIN Model #: 84010520 Frequency Band: 698-798 MHz Gain: 10.8 dBi Vertical Beamwidth: 36° Horizontal Beamwidth: 72° Polarization: ±45° Dimensions (L x W x D): 23.3" x 10.6" x 6.2"</p>	 <p>A polar plot showing the radiation pattern for the 722 MHz antenna. The plot is circular with concentric dashed lines representing gain levels at 10, 20, and 30 dB. Radial lines indicate angles from 0 to 180 degrees in 30-degree increments. The radiation pattern is a blue line that is most intense between 0 and 90 degrees, peaking at approximately 30 dB around 45 degrees, and has several smaller lobes extending towards 180 degrees.</p>
<p>739 MHz</p> <p>Manufacturer: MATSING Model #: MS-6.3DB90 Frequency Band: 698-960 Gain: 16.5 Vertical Beamwidth: 23 Horizontal Beamwidth: 23 Polarization: Dual Slant ±45 Dimensions (L x W x D): 46" x 45" x 41.4"</p>	 <p>A polar plot showing the radiation pattern for the 739 MHz antenna. The plot is circular with concentric dashed lines representing gain levels at 10, 20, and 30 dB. Radial lines indicate angles from 0 to 180 degrees in 30-degree increments. The radiation pattern is a blue line that is most intense between 0 and 90 degrees, peaking at approximately 30 dB around 45 degrees, and has several smaller lobes extending towards 180 degrees.</p>
<p>885 MHz</p> <p>Manufacturer: MATSING Model #: MS-6.3DB90 Frequency Band: 1695-2690 Gain: 22.8 Vertical Beamwidth: 23 Horizontal Beamwidth: 23 Polarization: Dual Slant ±45 Dimensions (L x W x D): 46" x 45" x 41.4"</p>	 <p>A polar plot showing the radiation pattern for the 885 MHz antenna. The plot is circular with concentric dashed lines representing gain levels at 10, 20, and 30 dB. Radial lines indicate angles from 0 to 180 degrees in 30-degree increments. The radiation pattern is a blue line that is most intense between 0 and 90 degrees, peaking at approximately 30 dB around 45 degrees, and has several smaller lobes extending towards 180 degrees.</p>


<p>1900 MHz</p> <p>Manufacturer: MATSING Model #: MS-6.3DB90 Frequency Band: 1695-2690 Gain: 22.8 Vertical Beamwidth: 23 Horizontal Beamwidth: 23 Polarization: Dual Slant ± 45 Dimensions (L x W x D): 46" x 45" x 41.4"</p>	
<p>2100 MHz</p> <p>Manufacturer: MATSING Model #: MS-6.3DB90 Frequency Band: 1695-2690 Gain: 22.8 Vertical Beamwidth: 23 Horizontal Beamwidth: 23 Polarization: Dual Slant ± 45 Dimensions (L x W x D): 46" x 45" x 41.4"</p>	
<p>2300 MHz</p> <p>Manufacturer: MATSING Model #: MS-6.3DB90 Frequency Band: 1695-2690 Gain: 22.8 Vertical Beamwidth: 23 Horizontal Beamwidth: 23 Polarization: Dual Slant ± 45 Dimensions (L x W x D): 46" x 45" x 41.4"</p>	



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AUSTIN TX 78731-4257

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Ship Date:	04/15/2023		
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From: QC DEVELOPMENT
5900 BALCONES DR STE 8148
AUSTIN TX 78731-4257

To: MAYOR STEVE FORTENBACH
TOWN OF CROMWELL
CC: STUART POPPER - DIR PLANNING
41 WEST ST
CROMWELL CT 06416-2180

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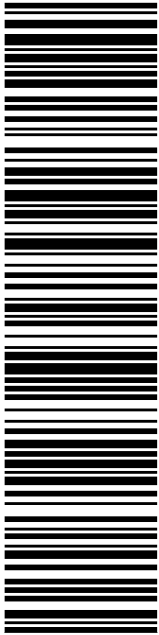
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TRAVELERS CHAMPIONSHIP
ATTN MR KEVIN HARRINGTON
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Print Date: 04/13/2023	Total: \$9.65
Ship Date: 04/15/2023	
Expected Delivery Date: 04/17/2023	

From: QC DEVELOPMENT
 5900 BALCONES DR STE 8148
 AUSTIN TX 78731-4257

To: TOURNAMENT PLAYERS CLUB OF CT
 TRAVELERS CHAMPIONSHIP
 ATTN MR KEVIN HARRINGTON
 1 GOLF CLUB RD
 CROMWELL CT 06416-1539

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