



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

August 28, 2023

Kristen Motel, Esq.
Cuddy + Feder, LLP
445 Hamilton Avenue, 14th Floor
White Plains, New York 10601
kmotel@cuddyfeder.com

RE: TS-ATT-106-230713 – AT&T request for an order to approve tower sharing at an existing telecommunications facility located at 40 River Street, Old Saybrook, Connecticut

Dear Attorney Motel:

The Connecticut Siting Council (Council) is in receipt of your correspondence of August 28, 2023 submitted in response to the Council's August 1, 2023 notification of an incomplete request for tower sharing with regard to the above-referenced matter.

The submission renders the request for tower sharing complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

A handwritten signature in dark ink, appearing to read "Melanie A. Bachman".

Melanie A. Bachman
Executive Director

MAB/ANM/laf

From: Nget, Riddar <RNget@cuddyfeder.com>

Sent: Monday, August 28, 2023 2:09 PM

To: CSC-DL Siting Council <Siting.Council@ct.gov>; Bachman, Melanie <Melanie.Bachman@ct.gov>; Mathews, Lisa A <Lisa.A.Mathews@ct.gov>

Cc: Motel, Kristen <KMotel@CUDDYFEDER.COM>; Denti, Peter <PDenti@cuddyfeder.com>; Chiocchio, Lucia <LChiocchio@CUDDYFEDER.COM>; Persico, Moira <MPersico@cuddyfeder.com>

Subject: Tower Share Request- 40 River Street, Old Saybrook

Good afternoon,

On behalf of New Cingular Wireless, PCS, LLC ("AT&T"), we respectfully submit the attached Responses to Siting Council's Notice of Incompletion for TS-ATT-106-230713. Hard copies are being sent via Federal Express.

Thank you,

Riddar



Riddar Nget
Paralegal
Cuddy & Feder LLP
445 Hamilton Avenue, 14th Floor
White Plains, New York 10601
T 914 761 1300 | F 914 761 5372
RNget@cuddyfeder.com
www.cuddyfeder.com



445 Hamilton Avenue, 14th Floor
White Plains, New York 10601
T 914 761 1300
F 914 761 5372
cuddyfeder.com

Kristen Motel
kmotel@cuddyfeder.com

August 28, 2023

VIA EMAIL AND FEDERAL EXPRESS

Members of the Connecticut Siting Council
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: Tower Sharing Request by New Cingular Wireless PCS, LLC
TS-ATT-106-230713
Premises: 40 River Street, Old Saybrook, Connecticut

Dear Members of the Siting Council:

This letter is respectfully submitted on behalf of our client, New Cingular Wireless PCS, LLC ("AT&T"), in connection with the request dated July 12, 2023, for an order from the Connecticut Siting Council (the "Council") to approve the shared use of a communications tower and compound at the parcel identified as 40 River Street, in the Town of Old Saybrook.

The Council issued a Notice of Incompletion dated August 1, 2023, requesting a cumulative radio frequency analysis and documentation of the original facility approval with conditions if any, or correspondence with the Town stating that there are no records of the original facility approval. An updated Radio Frequency Emissions Report prepared by C Squared Systems, LLC dated August 4, 2023, is enclosed as **Attachment 1**. The Town of Old Saybrook approvals related to the tower construction and subsequent modifications dated 1995 and 2011 are enclosed as **Attachment 2**. Also included as **Attachment 3** are Siting Council approvals for modifications to the existing tower dated 2002 and 2008.

Thank you for your consideration of this request. Should the Council members or Staff have any questions regarding the foregoing, please do not hesitate to contact me.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Kristen Motel', is written over a light blue horizontal line.

Kristen Motel

Attachments

cc: AT&T
Lucia Chiochio, Esq.
Riddar Nget

Attachment 1



C Squared Systems, LLC
65 Dartmouth Drive
Auburn, NH 03032
(603) 644-2800

support@csquaredsystems.com

Calculated Radio Frequency Emissions Report



CT1399

40-3 River Street, Old Saybrook, CT

August 4, 2023

Table of Contents

1. Introduction.....	1
2. FCC Guidelines for Evaluating RF Radiation Exposure Limits	1
3. RF Exposure Prediction Methods	2
4. Antenna Inventory	3
5. Calculation Results.....	4
6. Conclusion.....	6
7. Statement of Certification.....	6
Attachment A: References.....	7
Attachment B: FCC Limits for Maximum Permissible Exposure (MPE)	8
Attachment C: AT&T Mobility Antenna Model Data Sheets and Electrical Patterns.....	10

List of Figures

Figure 1: Graph of General Population % MPE vs. Distance.....	4
Figure 2: Graph of FCC Limits for Maximum Permissible Exposure (MPE).....	9

List of Tables

Table 1: Proposed Antenna Inventory	3
Table 2: Maximum Percent of General Population Exposure Values	5
Table 3: FCC Limits for Maximum Permissible Exposure	8

1. Introduction

The purpose of this report is to investigate compliance with applicable FCC regulations for the proposed installation of AT&T antenna arrays to be mounted at 130' AGL on an existing monopole tower located at 40-3 River Street in Old Saybrook, CT. The coordinates of the tower are 41° 17' 55.99" N, 72° 22' 27.63" W.

AT&T is proposing the following:

- 1) Install six (6) multi-band antennas (two per sector) 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 and the existing antennas for T-Mobile² 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 09/08/2022.

² As referenced to CSC Power Density database.

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:

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

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°	763	160	15.6	5809	TPA65R-BU8D	73	0	8.0	130
		2100	240	18.3	16226		66			
		739	160	15.1	5177	DMP65R-BU8D	75			
		885	160	16.0	6370		64			
		1900	160	17.8	9641		68			
	Beta / 140°	763	160	15.6	5809	TPA65R-BU8D	74	0	8.0	130
		2100	240	18.3	16226		67			
		739	160	15.1	5177	DMP65R-BU8D	62			
		885	160	16.0	6370		64			
		1900	160	17.8	9641		68			
	Gamma / 230°	763	160	15.6	5809	TPA65R-BU8D	74	0	8.0	130
		2100	240	18.3	16226		67			
		739	160	15.1	5177	DMP65R-BU8D	62			
		885	160	16.0	6370		64			
		1900	160	17.8	9641		68			

Table 1: Proposed Antenna Inventory^{3 4}

³ Antenna heights are in reference to the Hudson Design Group LLC. Construction Drawings, dated 02/14/2023.

⁴ 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 2,000 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.

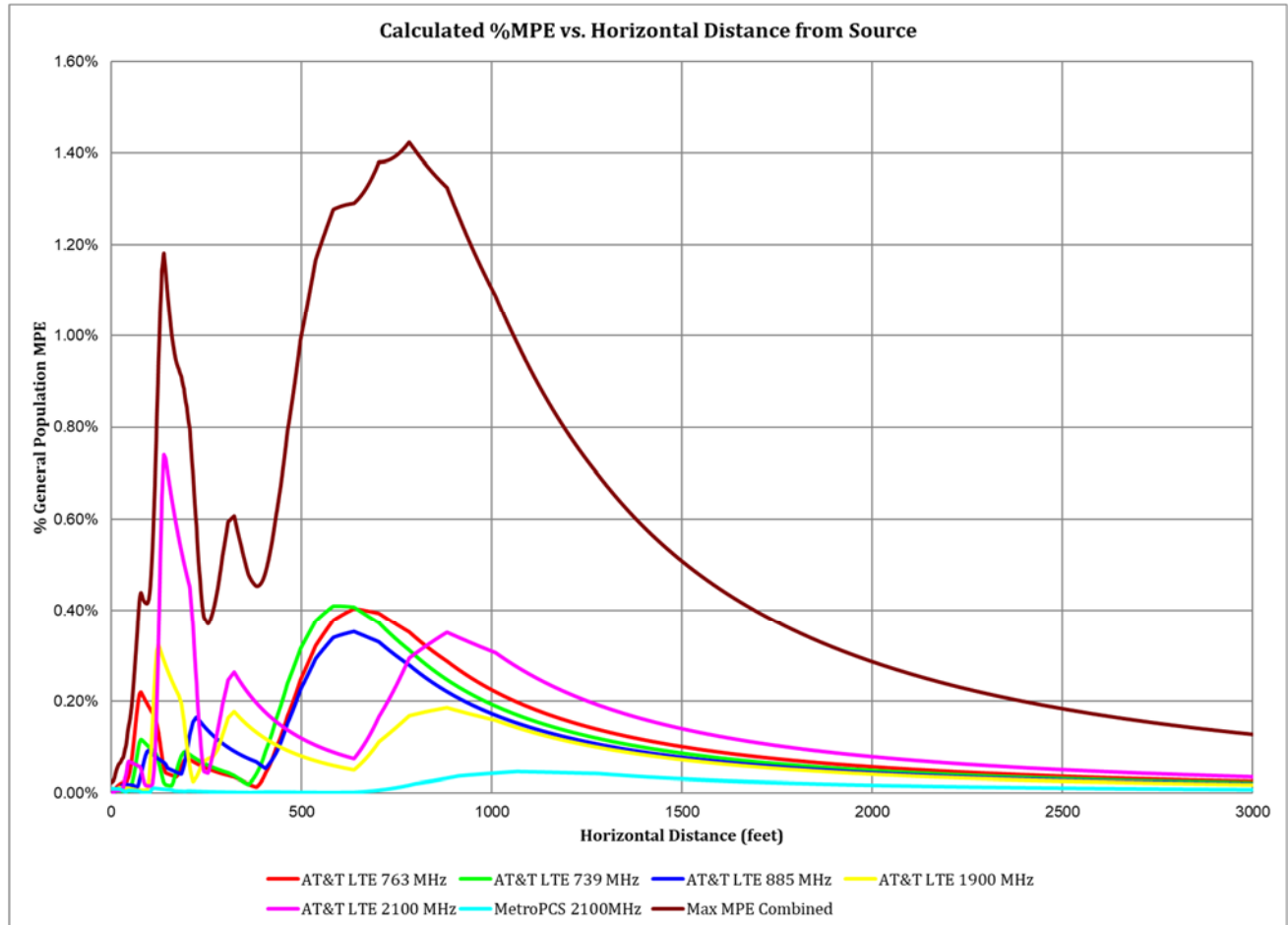


Figure 1: Graph of General Population % MPE vs. Distance

The highest percent of MPE (1.42% of the General Population limit) is calculated to occur at a horizontal distance of 783 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 1000 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 783 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	130.0	783	0.001683	1.000	0.17%
AT&T LTE 2100 MHz	1	240.0	130.0	783	0.002945	1.000	0.29%
AT&T LTE 739 MHz	1	160.0	130.0	783	0.001538	0.493	0.31%
AT&T LTE 763 MHz	1	160.0	130.0	783	0.001790	0.509	0.35%
AT&T LTE 885 MHz	1	160.0	130.0	783	0.001648	0.590	0.28%
MetroPCS 2100MHz	3	40.0	118.0	783	0.000176	1.000	0.02%
Total							1.42%

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 **1.42% of the FCC limit (General Population/Uncontrolled)**. This maximum cumulative percent of MPE value is calculated to occur 783 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

August 4, 2023

Date



Reviewed/Approved By:

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

August 4, 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 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)
0.3-3.0	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 Exposure⁶

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.

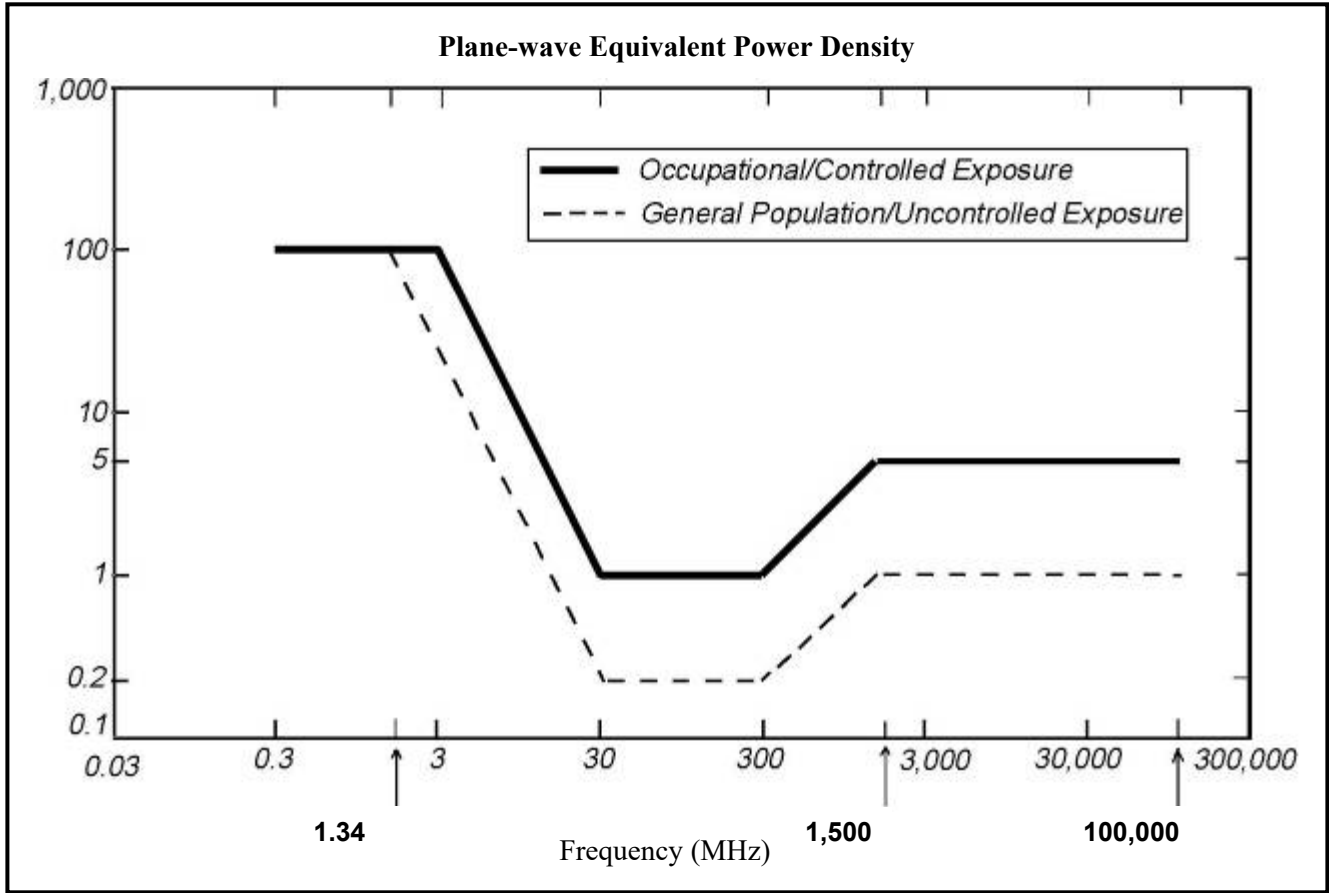
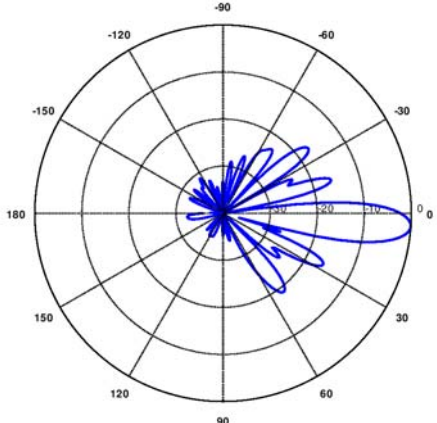
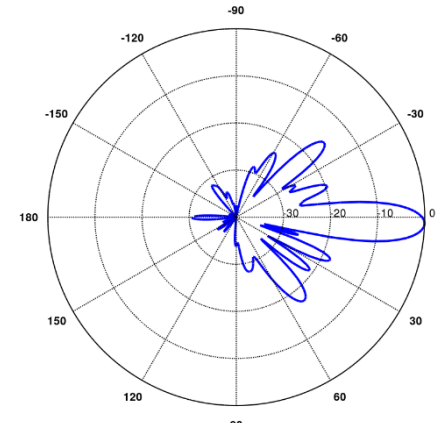
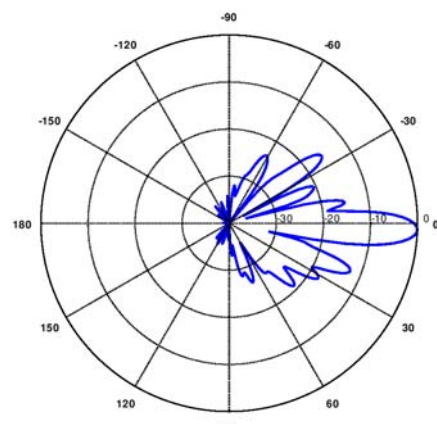
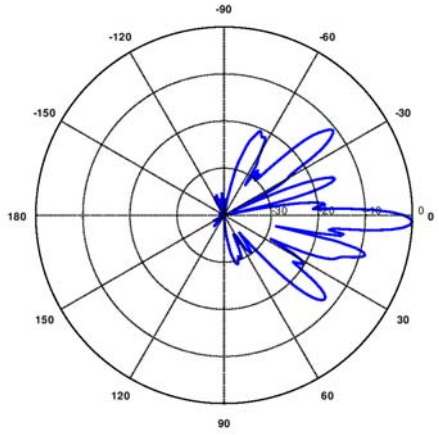
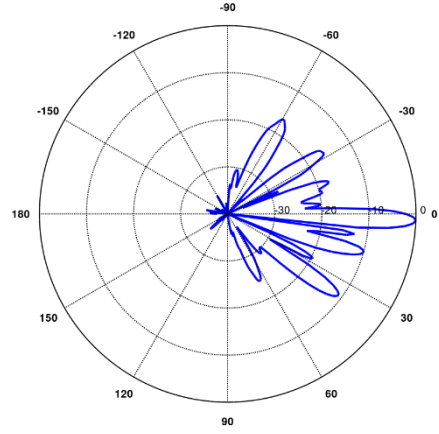


Figure 2: Graph of FCC Limits for Maximum Permissible Exposure (MPE)

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

<p>739 MHz</p> <p>Manufacturer: CCI Model #: DMP65R-BU8DA Frequency Band: 698-798 MHz Gain: 15.1 dBi Vertical Beamwidth: 9.5° Horizontal Beamwidth: 75° Polarization: ±45° Dimensions (L x W x D): 96.0" x 20.7" x 7.7"</p>	
<p>763 MHz</p> <p>Manufacturer: CCI Model #: TPA65R-BU8D Frequency Band: 698-806 MHz Gain: 15.6 dBi Vertical Beamwidth: 9.5° Horizontal Beamwidth: 74° Polarization: ±45° Dimensions (L x W x D): 96.0" x 20.7" x 7.7"</p>	
<p>763 MHz</p> <p>885 MHz</p> <p>Manufacturer: CCI Model #: DMP65R-BU8D Frequency Band: 824-896 MHz Gain: 16.0 dBi Vertical Beamwidth: 8.0° Horizontal Beamwidth: 64° Polarization: ±45° Dimensions (L x W x D): 96.0" x 20.7" x 7.7"</p>	

<p>1900 MHz</p> <p>Manufacturer: CCI Model #: DMP65R-BU8D Frequency Band: 1850-1990 MHz Gain: 17.8 dBi Vertical Beamwidth: 5.1° Horizontal Beamwidth: 68° Polarization: ±45° Dimensions (L x W x D): 96.0" x 20.7" x 7.7"</p>	 <p>A polar plot showing the radiation pattern for the 1900 MHz antenna. The plot is circular with concentric rings representing gain levels and radial lines representing angles from 0 to 180 degrees. The main beam is centered at 0 degrees, with a very narrow vertical beamwidth and a wider horizontal beamwidth. The pattern shows a primary lobe pointing towards 0 degrees and several smaller side lobes.</p>
<p>2100 MHz</p> <p>Manufacturer: CCI Model #: TPA65R-BU8D Frequency Band: 1920-2180 MHz Gain: 18.3 dBi Vertical Beamwidth: 4.7° Horizontal Beamwidth: 67° Polarization: ±45° Dimensions (L x W x D): 96.0" x 20.7" x 7.7"</p>	 <p>A polar plot showing the radiation pattern for the 2100 MHz antenna. The plot is circular with concentric rings representing gain levels and radial lines representing angles from 0 to 180 degrees. The main beam is centered at 0 degrees, with a very narrow vertical beamwidth and a wider horizontal beamwidth. The pattern shows a primary lobe pointing towards 0 degrees and several smaller side lobes.</p>

Attachment 2

TOWN OF OLD SAYBROOK

file

ZONING BOARD OF APPEALS
302 MAIN STREET
OLD SAYBROOK, CONNECTICUT 06475
TEL. (203) 395-3131 • FAX (203) 395-3125

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Date Feb. 9, 1995

Irving and Barbara LaMay
40 River St.
Old Saybrook, CT 06475

Re: Appeal No. 94/95-21
Map No. 40 Lot 37

Dear Applicant:

GRANTED w/STIPULATION

Your request for a variance as applied for under Appeal No. 94/95-21 was decided by the Zoning Board of Appeals on Feb 8, 1995 with the following results:

- () Your variance was GRANTED ^{with stipulation} for reasons set forth below. You must now apply for applicable Zoning, Building, and Sanitary permits to continue your project. This variance becomes null and void one year from the effective date. In order to meet the time requirements, it will be necessary for you to apply for your building permit within six (6) months..
- () Your variance was DENIED for reasons set forth below.
- () Your variance was POSTPONED/TABLED/WITHDRAWN WITHOUT PREJUDICE for reasons set forth below.
- () A decision was not reached for reasons set forth below.

Reason for Decision: sufficient hardship was shown due to the low elevation of the site and for safety reasons. The additional height was needed to improve the communication system

Stipulations: approval must be received from the State Siting Council and the construction of the monopole must meet FCC specifications.

Allan Fogg, Chairman
Joseph Reising, Secretary
Zoning Board of Appeals
Town of Old Saybrook

VARIANCE APPLICATION

APPEAL NUMBER 94/95-21
MAP NUMBER 40
LOT AREA _____
FLOOD PLAIN ZONE _____

ZONING DISTRICT I-1
LOT NUMBER 37
HEARING DATE _____
FILING FEE: \$100. + \$1062 11-23-94
EXISTING COVERAGE: _____
PROPOSED COVERAGE: _____
C.S.P. DOES APPLY _____
C.S.P. DOES NOT APPLY _____

1 TO: Zoning Board of Appeals
302 Main Street - Town Hall
Old Saybrook, CT 06475

1. Appellant (Owner of Record) Irving and Barbara LaMay
2. Subject Property's Address 40 River Street Old Saybrook, Ct. 06457

3. Appellant's Mailing Address _____
P.O. Box 471 Old Saybrook, Ct. 06457

4. Appellant's Telephone - Residence 388-9861 Zip # _____
(203)395-1464 Business same

5. An application for a Certificate of Zoning Compliance # _____
dated _____ was disapproved by the Zoning Enforcement Officer
on _____

6. The undersigned hereby appeals to the Zoning Board of Appeals of the
Town of Old Saybrook, Connecticut:
() To hear and decide on an alleged error/decision by the Zoning
Enforcement Officer concerning _____

() To determine and vary the Old Saybrook Zoning Regulations relating
to the I-1 zone so as to permit removal of existing tower
and construction of monopole and equipment (electronic) shelter 10 x 20
a side yard variance 41.6.3 on existing site in I-1 Industrial
a Height Variance - 41.5.2 - 41.6.4 (essential buffer) zone

7. Specify the Paragraphs of the Zoning Regulations to which this Appeal
applies: 4

8. Explain or attach a statement of explanation listing any exceptional
difficulty or unusual hardship relating to the lot which the Board
may consider in reaching its decision. The following are NOT
hardships:

- 1. Any person's health problems.
- 2. Lack of storage space.
- 3. Overcrowded bedrooms or overcrowded houses.
- 4. Lack of knowledge of the zoning regulations.

hardship low elevation on site, therefore height var. is requested.

side yard because the the un-maned ^{shelter} antenna and monopole are located
on the narrow side of the property.

VARIANCE APPLICATION

9. How long have you owned the property? _____
Have you ever owned adjoining property? _____

10. This application MUST be accompanied by a Certified Plot Plan in accordance with the standards set forth in Section 72 of the Zoning Regulations. Said Plot Plan shall indicate all set-back distances on existing and proposed structures. The Plot Plan shall also locate the existing septic system and any wells.

11. This application shall be accompanied by a written recommendation by the Old Saybrook Environmental Health Department. Said recommendation is to be attached hereto and considered part of the application.

12. The appellant will be notified of the board's decision following the public hearing, by certified mail, within ten days of the decision.

13. Is the property located within the coastal boundary as defined in section 4(b) of Public Act 79-535, the Connecticut Coastal Management Act.

Y E S _____

N O _____ X

If the answer is yes, an application for review of the coastal site plans shall be attached, otherwise this variance application is considered not submitted as a complete application.

The granting of this variance will require the appellant to: _____

() Obtain a Certificate of Zoning Compliance from the Zoning Enforcement Officer.

() Obtain a Building Permit following application for same.

Fee is based upon estimated construction costs at fair market value.

Paul Kleim
Signature of Appellant or Agent

11-23-94
Date

Paul Kleim as agent for Smart Smr of New York, Inc.

*Whalen & Co. / Nexel
One N. Broadway
White Plains, NY 10601*

RECOMMENDATION BY THE ENVIRONMENTAL HEALTH DEPARTMENT

The Old Saybrook Environmental Health Department has reviewed a request for a variance by Living & Barbara La May Smart SMR of new York, Inc. on property located at 40 River Street Old Saybrook, Ct 06475

Map Number 40 Lot Number 37 and makes the following

recommendation relative to said request: _____

No WATER OR SEWER USE EXPECTED.

[] THIS PROPOSAL MEETS ALL PUBLIC HEALTH CODE REQUIREMENTS FOR ON-SITE SEWAGE DISPOSAL.

[] THIS PROPOSAL MEETS ALL PUBLIC HEALTH CODE REQUIREMENTS FOR ON-SITE SEWAGE DISPOSAL AND WATER SUPPLY.

[] THIS PROPOSAL MEETS THE REQUIREMENTS OF THE PUBLIC HEALTH CODE, SECTION 19-13B100.

[X] THE PUBLIC HEALTH CODE DOES NOT APPLY TO THIS PROPOSAL.

[] THIS PROPOSAL DOES NOT MEET PUBLIC HEALTH CODE REQUIREMENTS.

The issuance of a septic permit will be required ()

The issuance of a septic permit will not be required ()

David D...
Signature of Town Sanitarian

Dated: 12/13/94

VARIANCE APPLICATION OFFICE USE

List all previous appeals for the subject property.

<u>Appeal Number</u>	<u>Date of Hearing</u>	<u>Decision</u>
842	7/10/74	GRANTED - 25' x 38' addition to building 4' from rear line

Abutting Property Owners

<u>Map #</u>	<u>Lot #</u>	<u>Name & Mailing Address</u>
--------------	--------------	-----------------------------------

All Abutting Property Owners are listed on Site Plan/Construction Location Map.

40	36	Patrick J. & Alicia T. Hear 49 Reder St., O.S.
40	37-1	Leelie Weinstein, et al 52 Norwood Rd., West Hartford, CT 06117-2236
40	28	Matthew R. & Barbara Isenberg Aery Road, Hadlyme, CT 06459

MAP 40 LOT 37
Permit # 12703

Certificate of Completion

10/10/95

BUILDING DEPARTMENT
OLD SAYBROOK, CONNECTICUT

BUILDING PERMIT

DATE: 6/9/95

PERMIT #: 12703

APPLICANT: HERBST-MUSCIANO

LIC#:

ADDRESS: 240 CEDAR KNOLLS ROAD, STE.200

CEDAR KNOLLS NJ 07860

PHONE: 201-538-3815

CONTRACTOR: SAME AS APPLICANT

CONT LIC#:

ADDRESS:

PHONE:

TYPE OF IMPROVEMENT: STRUCTURE, STRUCTURE FOUNDATION, FENCE

PROPOSED USE:

LOCATION: 40 RIVER STREET SUBDIVISION:

MAP: 40 LOT: 37 LOT SIZE:

BUILDING WIDTH: LENGTH: HEIGHT:

TO TYPE: U USE GROUP: 2C TYPE OF HEAT:

TOTAL FLOOR AREA: ESTIMATED COST: \$ 90,000

PERMIT FEE: \$ 460

EHD:

FIRE MARSHAL: 1115

ZONING COM: 95-071

REMARKS: STRUCTURE, STRUCTURE FOUNDATION,
AND FENCE ONLY.

OWNER: NEXTEL COMMUNICATIONS 914-448-4310

ADDRESS: ONE NORTH BROADWAY, SECOND FLOOR WHITE PLAINS NY 10601

REVIEWED AND APPROVED BY: *David Huss 10/10/95*
Building Official

DATE 6/9/95

NOTES: 1) Meter location and type for new structure to meet CL&P standards.
2) Verify clearance between existing electric meters and proposed fence meets CL&P approval.

PERMIT ISSUED FOR STRUCTURE, STRUCTURE FOUNDATION, AND FENCE ONLY. THIS PERMIT DOES NOT
INCLUDE MONOPOLE FOUNDATION. PROVIDE DETAILS FOR MONOPOLE.
FOUNDATION -- NEED ENGINEERED FOUNDATION.

Certificate of Completion

10/10/95

BUILDING DEPARTMENT
OLD SAYBROOK, CONNECTICUT

BUILDING PERMIT

DATE: 8/27/95 PERMIT #: 12856

APPLICANT: NEXTEL COMMUNICATIONS LIC#:
ADDRESS: 1 NORTH BROADWAY - 2ND FLOOR
WHITE PLAINS NY 10601 PHONE: 914-448-4305

CONTRACTOR: BUD POWELL CONTRACTING CONT LIC#:
ADDRESS: 105 ROUTE 210
STORYPOINT NY 10980 PHONE:

TYPE OF IMPROVEMENT: FOUNDATION FOR POLE, 40 RIVER ROAD

PROPOSED USE: COMMUNICATIONS EQUIPMENT

LOCATION: 40 RIVER ROAD SUBDIVISION:

MAP: 40 LOT: 37 LOT SIZE:

BUILDING WIDTH: LENGTH: HEIGHT:

TO TYPE: U USE GROUP: 2C TYPE OF HEAT:

TOTAL FLOOR AREA: ESTIMATED COST:

PERMIT FEE: \$ 0

EHD: FIRE MARSHAL: 1115 ZONING COM: 95-071

REMARKS: FEE PAID UNDER PERMIT NUMBER 12703

OWNER: NEXTEL COMMUNICATIONS 914-448-4305
ADDRESS: ONE NORTH BROADWAY WHITE PLAINS NY 10601

REVIEWED AND APPROVED BY: *Dave Lucas 10/10/95*
Building Official

DATE _____

40/37

TOWN OF OLD SAYBROOK
Building
Department

302 Main Street • Old Saybrook, Connecticut 06475-1741
Telephone (860) 395-3130 • FAX (860) 395-1216

Certificate of Completion

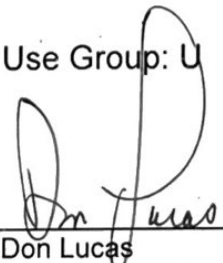
This is to certify that the work associated with the erection of a cell tower granted under permit number 18420 on premises located at 40 River Street, listed on assessor's map 40, lot 37, and owned by Sprectraside has been inspected by this office and substantially conforms to the requirements of the State of Connecticut Basic Building Code adopted as of October 1, 1999 and is hereby approved for use or occupancy with special stipulations and conditions as listed below:

No automatic fire sprinkler installed

Type: 5B

Use Group: U

Signed



Don Lucas
Building Official

Issued

February 28, 2011

TOWN OF OLD SAYBROOK
Building Department

MAP 40 LOT 37
Permit # 18420

302 Main Street • Old Saybrook, Connecticut 06475-1741
Telephone (860) 395-3130 FAX (860) 395-3125

Building Permit

DATE 05/06/2002

Permit # 18420

APPLICANT Bechtel Corporation

50 Beale Street

Sanfrancisco CA 94105

Lic# 900855

PH (203) 238-3214

CONTRACTOR

Bechtel Corporation

Cont LIC #

900855

(203) 238-3214

Cont Address

50 Beale Street

Sanfrancisco

Ca

94105

Type of Improvement

Construct Cell Tower, 40 River St

Proposed Use

Cell Site

Location of Work

40 River Street

Subdivision

MAP

40

LOT

37

LOT SIZE

Building Width

Length

HEIGHT

TO TYPE

3B

USE GROUP

U

Type of Heat

Total SQ Footage

Cost of Improvement

\$21,000

Building Permit Fee

228.36

EHD

FM#

ZC#

Brief Description of Work

Construct cell site.

*Closed due to
age 5-27-2010*

OWNER

Spectrasite

8605632341

27 Lochdale Drive

CT

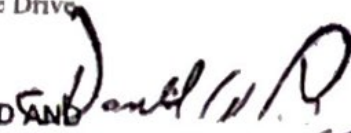
Per call to Joe Boyo

978 244 7240

5/23/11 12:45 PM

REVIEWED AND

APPROVED BY: Building Official



Date: 5-6-02

2/23/11 - cell tower complete, submit plan at 6000 Dwyer

TOWN OF OLD SAYBROOK
Building Department

MAP 40 LOT 37
Permit # 19201

302 Main Street • Old Saybrook, Connecticut 06475-1741
Telephone (860) 395-3130 FAX (860) 395-3125

Building Permit

DATE 01/30/2003

Permit # 19201

APPLICANT Pinnacle Site Development
Post Office Box 956
Glastonbury CT 06033

Lic# 901149
PH (860) 563-2341

CONTRACTOR Pinnacle Site Development
Cont LIC # 901149 (860) 563-2341

Cont Address
Post Office Box 956 Glastonbury Ct 06033

Type of Improvement Replace Antenna For Tower, 40 River St
Proposed Use Tower
Location of Work 40 River Street

Subdivision MAP 40 LOT 37 **LOT SIZE** **Building Width** **Length**

HEIGHT TO TYPE 3B **USE GROUP** U **Type of Heat**

Total SQ Footage **Cost of Improvement** \$12,134 **Building Permit Fee** 136.95

EHD **FM#** **ZC#**

Brief Description of Work
Replace existing Nextel antennas on existing communications tower.

closed due to fog 5.21.10

OWNER Spectra Site 9194680112

100 Regency Forest Drive Ste 200 Cary NC 27511

Don't miss
REVIEWED AND APPROVED BY: Building Official

Date: 1 30 03

2/23/11 - 1st time LABEL supply OK no issue. 2011

Attachment 3



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@po.state.ct.us
Web Site: www.state.ct.us/csc/index.htm

CT-212

April 10, 2002

Christopher B. Fisher, Esq.
Cuddy & Feder & Worby LLP
90 Maple Avenue
White Plains, NY 10601-5196

RE: **EM-AT&T-106-020319** - AT&T Wireless PCS, LLC, notice of intent to modify an existing telecommunications facility located at 40-43 River Street, Old Saybrook, Connecticut.

Dear Attorney Fisher:

At a public meeting held on April 3, 2002, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.


The proposed modifications are to be implemented as specified here and in your notice received March 19, 2002. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Any additional change to this facility may require an explicit request to this agency pursuant to General Statutes § 16-50aa or notice pursuant to Regulations of Connecticut State Agencies Section 16-50j-73, as applicable. Such request or notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction.

Thank you for your attention and cooperation.

Very truly yours,


Mortimer A. Gelston
Chairman

c: First Selectman, Town of Old Saybrook
Julie M. Donaldson, Esq., Hurwitz & Sagarin LLC



Daniel F. Caruso
Chairman

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Internet: ct.gov/csc

40/37

September 24, 2008

The Honorable Michael A. Pace
First Selectman
Town of Old Saybrook
Town Hall
302 Main Street
Old Saybrook, CT 06475

RE: **EM-POCKET-106-080922** – Youghiogheny Communications-Northeast, LLC d/b/a Pocket Communications notice of intent to modify an existing telecommunications facility located at 40-3 River Street, Old Saybrook, Connecticut.

Dear Mr. Pace:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

If you have any questions or comments regarding this proposal, please call me or inform the Council by October 8, 2008.

Thank you for your cooperation and consideration.

Very truly yours,



S. Derek Phelps
Executive Director

SDP/jb

Enclosure: Notice of Intent

c: Christine Nelson, Town Planner, Town of Old Saybrook