

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

www.ct.gov/csc

September 19, 2012

Rick Woods SBA Communications Corporation One Research Dr. Suite 200C Westborough, MA 01581

RE: **EM-SPRINT-097-120817** – Sprint Spectrum notice of intent to modify an existing telecommunications facility located at 151 Berkshire Road, Newtown, Connecticut.

Dear Mr. Woods:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

- The coax lines and accessory equipment be installed in accordance with the recommendations made in the Structural Analysis Report prepared by FDH Engineering dated May 8, 2012 and stamped by Christopher Murphy;
- Following the installation of the proposed equipment, Sprint shall provide documentation certifying that the installation complied with the engineer's recommendation;
- Any deviation from the proposed modification as specified in this notice and supporting materials with Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Not less than 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration;

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated August 16, 2012. 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. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Very truly yours,

Linda Roberts
Executive Director

LR/CDM/jbw

c: The Honorable Patricia E. Llodra, First Selectman, Town of Newtown Gary Frenette, Ms. Cathy Mockton, Zoning Enforcement Officers, Town of Newtown Sean Gormley, SBA



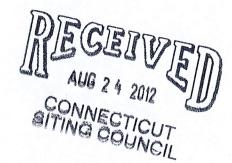
August 23, 2012

David Martin and Members of the Siting Council Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

RE:

Notice of Exempt Modification

151 Berkshire Road Newtown, CT 06470 Site # CT54XC770 N 41 ° 23' 50.55" W 73 ° 14' 09.85"



Dear Mr. Martin and Members of the Siting Council:

Pursuant to the exempt modification previously submitted for the above mentioned site I would like to add the following information:

1. The proposed changes will not increase the noise level at the existing facility by six decibels or more.

Thank you,

Rick Woods

SBA Communications Corporation

One Research Dr. Suite 200C

Westborough, MA 01581

508-366-5505 x 319 + T

508-366-5507 + F

508-614-0389 + C



August 16, 2012

SBA Communications Corporation
One Research Drive
Suite 200C
Westborough, MA 01581

T + 508.799.2460 F + 508.366.5507

sbasite.com

David Martin Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

RE:

8 Exempt Modification Packages

Dear Mr. Martin:



CONNECTICUT SITING COUNCIL

On behalf of Sprint Spectrum, SBA Communications is submitting 8 exempt modification applications to the Connecticut Siting council for the sites listed below. In each application package you will find five (5) copies of a passing Structural Analysis, five (5) EME studies, five (5) sets of drawings, and a check in the amount of \$625.

CT33XC604-297 North St. Plymouth, CT CT03XC068-331 Killingworth Road Guilford, CT CT33XC521-11 Francis J. Clarke Circle Bethel, CT CT54XC770-151 Berkshire Road Newtown, CT CT43XC865-39 Ciro Road North Branford, CT CT43XC809-500 Highland Ave. Cheshire, CT CT03XC033-108 Foxon Road North Branford, CT CT54XC717-459 Burr Road Southbury, CT

Please let me know if you require any additional materials in order to process these applications.

Thank you,

Rick Woods

SBA Communications Corporation

One Research Dr. Suite 200C

Westborough, MA 01581

508-366-5505 x 319 + T

508-366-5507 + F

508-614-0389 + C



August 16, 2012

Honorable E. Patricia Llodra First Selectman Town of Newtown 3 Primrose Street Newtown, CT 06470

RE: Telecommunications Facility-151 Berkshire Road Newtown, CT 06470

Dear Ms. Llodra,

In order to accommodate technological changes and enhance system performance in the State of Connecticut, Sprint Spectrum will be changing its equipment configuration at certain cell sites.

As required by Regulations of Connecticut State Agencies (R.C.S.A.) Section 16-50j-73, the Connecticut Siting Council has been notified of the changes and will review Sprint's proposal. Please accept this letter as notification under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The accompanying letter to the Siting Council fully describes Sprint's proposal for the referenced cell site. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call me at (508) 614-0389.

Thank you,

Rick Woods

SBA Communications Company

One Research Dr. Suite 200C

Westborough, MA 01581

508-366-5505 x 319 + T

508-366-5507 + F

508-614-0389 + C

EM-SPRINT-097-120817



August 16, 2012

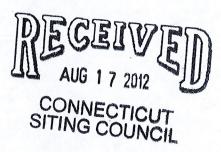
ORIGINAL

David Martin and Members of the Siting Council Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

RE:

Notice of Exempt Modification

151 Berkshire Road Newtown, CT 06470 N 41°23′50.55″ W 73°14′09.85″



Dear Mr. Martin and Members of the Siting Council:

On behalf of Sprint Spectrum, SBA Communications is submitting an exempt modification application to the Connecticut Siting council for modification of existing equipment at a tower facility located at 151 Berkshire Road Newtown, CT.

The 151 Berkshire Road facility consists of a 149' Monopole Tower owned and operated by SBA Communications. In order to accommodate technological changes and enhance system performance in the State of Connecticut, Sprint Spectrum plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell site is located.

As part of Sprint's Network Vision modification project, Sprint desires to upgrade their equipment to meet the new standards of 4G technology. The new antennas and associated equipment will allow customers to download files and browse the internet at a high rate of speed while also allowing their phones to be compatible with the latest 4G technology.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in Sprint's operations at the site. Also included is documentation of the structural sufficiency of the tower to accommodate the revised antenna and equipment configuration along with the required fee of \$625.

The changes to the facility do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).



- 1. The overall height of the structure will be unaffected.
- 2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than the new equipment cabinets.
- 3. The changes in radio frequency power density will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, SBA Communications on behalf of Sprint Spectrum, respectfully submits that he proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to cal me at (508) 614-0389 with any questions you may have concerning this matter.

Thank you,

Rick Woods

SBA Communications Corporation

One Research Dr. Suite 200C

Westborough, MA 01581

508-366-5505 x 319 + T

508-366-5507 + F

508-614-0389 + C



Sprint Spectrum Equipment Modification

151 Berkshire Road Newtown, CT Site number CT54XC770

Tower Owner:

SBA Communications Corporation

Equipment Configuration:

Monopole Tower

Current and/or approved:

Six (6) Decibel Antennas @ 109' Six (6) lines of 1-1/4" coax

Two (2) equipment cabinets

Planned Modifications:

Remove all existing antenna and coax

Install Three (3) Network Vision antennas & Six (6) RRHs @ 109'

Install Three (3) Filters Install Four (4) RETs

Install One (1) Equipment Cabinet Install Three (3) Hybriflex fiber cables Install One (1) Fiber Distribution Box

Replace One (1) Equipment cabinet with One (1) new cabinet

Structural Information:

The attached structural analysis demonstrates that the tower and foundation will have adequate structural capacity to accommodate the proposed modifications.

Power Density:

Calculations for Sprint's proposed operations at the site indicate a radio frequency electromagnetic radiation power density, of approximately 28.980% of the standard adopted by the FCC. The total site composite MPE is 75.260% of the allowable FCC established general public limit sampled at the ground level.

Carrier	MPE %
Sprint	28.980%
T-Mobile	10.900%
AT&T	14.030%
Verizon Wireless	19.750%
Town of Newtown	1.600%

STRUCTURAL NOTE:

STRUCTURAL DESIGNS AND DETAILS FOR ANTENNA MOUNTS AND RRH MOUNTS COMPLETED BY HUDSON DESIGN GROUP LLC ON BEHALF OF ALCATEL-LUCENT ARE INCLUSIVE OF THE ENTIRE ANTENNA FRAME/PLATFORM/ANTENNA/RRH MOUNTS SECURED TO THE TOWER STRUCTURE.

STRUCTURAL NOTE:

SBA SITE #: CT13057-A

SITE NUMBER:

SITE NAME:

ZONING:

PARCEL ID:

COORDINATES(*):

GROUND ELEV.(*):

STRUCTURE TYPE:

PROPERTY OWNER:

PRINT SITERRA DATABASE.

ANTENNA RAD

CENTER (**):

STRUCTURE

STRUCTURE HEIGHT: 149'± (AGL)

SITE ADDRESS

SBA SITE NAME: NEWTOWN

NEWTOWN EAST - DWYFR

151 BERKSHIRE ROAD

NEWTOWN, CT 06470

R2 - RESIDENTIAL

N 41° 23' 50.55"

W 73° 14' 09.85"

600'± (AMSL)

109.0'± (AGL)

(*) SOURCE OF COORDINATES/ELEVATION - SBA AND

KEVIN & KELLY FRIEDMAN

SBA INFRASTRUCTURE, LLC

5900 BROKEN SOUND PKWY

151 BERKSHIRE ROAD

SANDY HOOK, CT 06482

MONOPOLE

FAIRFIELD

G.C. TO REFER TO SPECIAL INSTALLATION REQUIREMENTS AND/OR MODIFICATIONS RECOMMENDED IN STRUCTURAL ANALYSIS REPORT PREPARED BY FDH ENGINEERING, INC. DATED: MAY 8, 2012



SITE NUMBER:

SITE NAME:

SITE ADDRESS:

VICINITY MAP



CT54XC770

NEWTOWN EAST - DWYER

151 BERKSHIRE ROAD NEWTOWN, CT 06482

LOCAL POWER NORTHEAST UTILITIES **PROJECT** LOCAL TELCO VERIZON SITE APPLICANT: SPRINT 1 INTERNATIONAL BLVD, SUITE 800 MAHWAH, NJ 07495 APPLICANT REPRESENTATIVE: ALCATEL-LUCENT TODD AMANN 600 MOUNTAIN AVENUE MURRAY HILL, NJ 07974 SITE ACQUISITION CONSULTANT: SBA COMMUNICATIONS CORP. ONE RESEARCH DRIVE SUITE 200C WESTBOROUGH MA 01581 A&E CONSULTANT: HUDSON DESIGN GROUP LLC 1600 OSGOOD STREET BLDG 20 NORTH, SUITE 2-101 NORTH ANDOVER, MA 01845 DIRECTIONS FROM 1 INTERNATIONAL BLVD. MAHWAH, NJ 07495: TEL: (978) 557-5553

START OUT GOING WEST ON INTERNATIONAL BLVD TOWARD CHURCHILL RD. TAKE THE 3RD RIGHT ONTO LEISURE LN. MERGE ONTO RT-17 N/STATE HIGHWAY 17. RT-17 N/STATE HIGHWAY 17 BECOMES I-287 FAX: (978) 336-5586 N/RT-17 N. MERGE ONTO I-87 S/NEW YORK STATE THRUWAY S TOWARD TAPPAN ZEE BR/NEW YORK CITY (PORTIONS TOLL). TAKE EXIT 8A TOWARD RT-119/SAW MILL PKWY NORTH/ELMSFORD. MERGE ONTO SAW MILL PKY N/SAW MILL RIVER PKY N VIA THE RAMP ON THE LEFT TOWARD KATONAH. MERGE ONTO I-684 N VIA THE EXIT ON THE LEFT TOWARD BREWSTER. MERGE ONTO I-84 E VIA EXIT 9E TOWARD DANBURY. TAKE EXIT **) NOTE: NETWORK VISION ANTENNA RADIATION CENTERLINE AGL (FEET) BASED ON SBA EQUIPMENT DATABASE AND SBA TOWER STRUCTURAL ANALYSIS 11 TOWARD CT-34/DERBY/NEW HAVEN. TURN RIGHT ONTO MILE HILL RD/WASSERMAN WAY, TURN RIGHT ONTO CT-34/BERKSHIRE RD. SITE WILL BE ON THE LEFT. INFORMATION DERIVED FROM ALU/SPRINT DATABASE

GENERAL NOTES

AND WILL SUPERSEDE ANY CONFLICTING

SITE INFORMATION

- THIS IS AN UNMANNED TELECOMMUNICATION FACILITY AND NOT FOR HUMAN HABITATION: -HANDICAPPED ACCESS NOT REQUIRED
 - POTABLE WATER OR SANITARY SERVICE IS NOT REQUIRED
 - NO OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES REQUIRED
- CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON JOB SITE. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK, FAILURE TO NOTIFY THE ARCHITECT/ENGINEER PLACE THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S
- DEVELOPMENT AND USE OF THE SITE WILL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. BUILDING CODE: 2003 IBC WITH 2005 CT SUPPLEMENT & 2009 CT AMENDMENT ELECTRICAL CODE: 2005 NATIONAL ELECTRICAL CODE STRUCTURAL CODE: TIA/EIA-222-F STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES

APPROVALS

SHEET NO.

T-1

GN-1

A-2

A-3

A-4

E-1

CONSTRUCTION:

SITE ACQUISITION

RE ENGINEER:

LANDLORD/

PROPERTY OWNER:

LEASING/

TITLE SHEET

DETAILS

GENERAL NOTES

RF DATA SHEET

COMPOUND PLAN AND ELEVATION

ANTENNA SCENARIO & EQUIPMENT LAYOUT

CABINET & ANTENNA WIRING DIAGRAM

TYPICAL POWER & GROUNDING ONE LINE DIAGRAM

HE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR O PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE OCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

SHEET INDEX

DESCRIPTION

S	C	0	P	E	0	F	V	V	0	F	24	

- RETROFIT EXISTING BTS CABINET WITH RETRO FIT KIT & INSTALL FIBER DISTRIBUTION BOX WITHIN EXISTING LEASE AREA. EXISTING BATTERY CABINET TO BE REPLACE WITH (2) BBU CABINETS.
- REMOVE (6) EXISTING CDMA ANTENNAS AND REPLACE WITH (3) NETWORK VISION ANTENNAS & (6) RRH'S.
- REMOVE EXISTING CDMA COAX CABLES & INSTALL (3) HYBRIFLEX CABLES FROM EQUIPMENT CABINET
- REMOVE EXISTING GPS ANTENNA AND REPLACE WITH NEW GPS ANTENNA CALL BEFORE YOU DIG 1-800-922-4455 OR DIAL 811



APPROVED

By Bryan Bakis, P.E. for SBA Communications Corp. at 10:10 am, Jul 31, 2012

DATE:

DATE:

OWNER AND TENANT MAY, FROM TIME TO TIME AT TENANT'S OPTION, REPLACE THIS EXHIBIT WITH AN EXHIBIT SETTING FORTH THE LEGAL DESCRIPTION OF THE SITE, OR WITH ENGINEERED OR AS-BUILT DRAWING DEPICTING THE SITE OR ILLUSTRATING STRUCTURAL MODIFICATIONS OR CONSTRUCTION PLANS OF THE SITE. ANY VISUAL OR TEXTUAL REPRESENTATION OF THE EQUIPMENT LOCATED WITHIN THE SITE CONTAINED IN THESE OTHER DOCUMENTS IS ILLUSTRATIVE ONLY, AND DOES NOT LIMIT THE RIGHTS OF SPRINT AS PROVIDED FOR IN THE AGREEMENT. THE LOCATIONS OF ANY ACCESS AND UTILITY EASEMENTS ARE ILLUSTRATIVE ONLY. ACTUAL LOCATIONS MAY BE DETERMINED BY TENANT AND/OR THE SERVICING UTILITY COMPANY IN COMPLIANCE WITH LOCAL LAWS AND REGULATIONS.

COMPLIANCE WITH LOCAL LAWS AND REGULATIONS







CHECKED BY:

APPROVED BY:

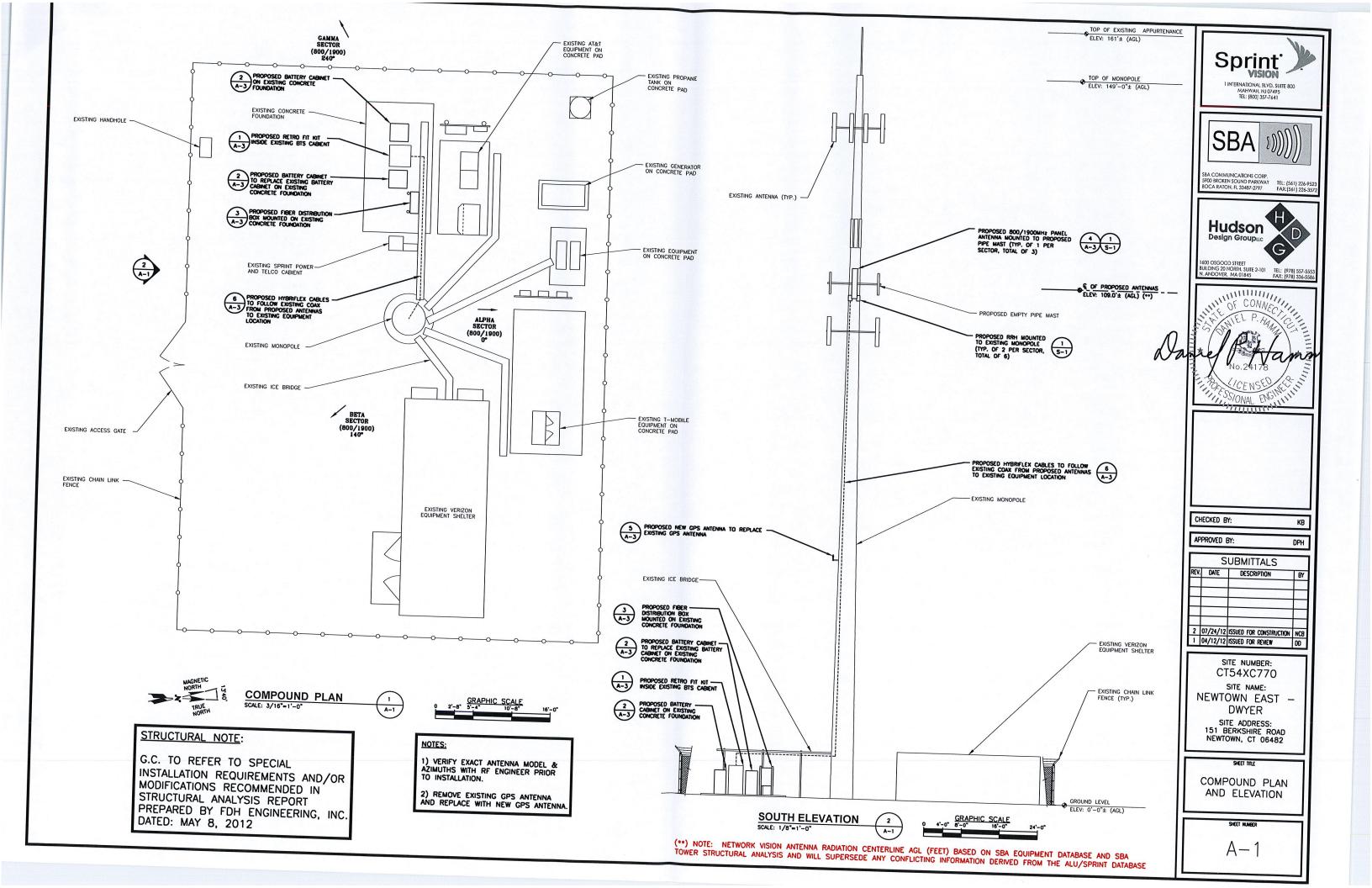
	S	UBMITTALS	
REV.	DATE	DESCRIPTION	В
2	07/24/12	ISSUED FOR CONSTRUCTION	NC
1	04/12/12	ISSUED FOR REVIEW	DE

SITE NUMBER CT54XC770

SITE NAME: NEWTOWN EAST -DWYER

SITE ADDRESS: 151 BERKSHIRE ROAD NEWTOWN, CT 06482

TITLE SHEET





FDH Engineering, Inc., 6521 Meridien Drive Raleigh, NC 27616, Ph. 919.755.1012

Structural Analysis for SBA Network Services, Inc.

149' Monopole Tower

SBA Site Name: Newtown
SBA Site ID: CT13057-A
Sprint Site ID: CT54XC770
Sprint Site Name: Newtown East/Dwyer

FDH Project Number 12-04786E S1

Analysis Results

90.2%	Sufficient
63.5%	Sufficient
	90.2%

Prepared By: Danio Chang

> Daniel Chang, El Project Engineer

Reviewed By:

Christopher M. Murphy

Christopher M Murphy, PE President CT PE License No. 25842

FDH Engineering, Inc. 6521 Meridien Drive Raleigh, NC 27616 (919) 755-1012 info@fdh-inc.com



May 8, 2012

Prepared pursuant to TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures and the 2005 Connecticut Building Code

TABLE OF CONTENTS

EXECUTIVE SUMMARY	3
Conclusions	
Recommendations	
APPURTENANCE LISTING	
RESULTS	
GENERAL COMMENTS	
LIMITATIONS	6
APPENDIX	······ 5

EXECUTIVE SUMMARY

At the request of SBA Network Services, Inc., FDH Engineering, Inc. performed a structural analysis of the monopole located in Newtown, CT to determine whether the tower is structurally adequate to support both the existing and proposed loads pursuant to the *Structural Standards for Steel Antenna Towers and Antenna Supporting Structures, TIA/EIA-222-F* and the 2005 Connecticut Building Code. Information pertaining to the existing/proposed antenna loading, current tower geometry, foundation dimensions, and member sizes was obtained from:

	Sabre Communications Corp. (Job No. 06-07285) Structural Design Report dated July 28, 2005 Paul J. Ford & Company (Job No. 29203-0081) Foundation Drawing dated April 28, 2003 FDH, Inc. (Job No. 08-07122T) TIA Inspection Report dated September 10, 2008 SBA Network Services, Inc.
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The basic design wind speed per the TIA/EIA-222-F standards and the 2005 Connecticut Building Code is 85 mph without ice and 38 mph with 3/4" radial ice. Ice is considered to increase in thickness with height.

Conclusions

With the existing and proposed antennas from Sprint in place at 109 ft, the tower meets the requirements of the *TIA/EIA-222-F* standards and the *2005 Connecticut Building Code* provided the **Recommendations** listed below are satisfied. Furthermore, provided the foundation was designed and constructed to support the original design reactions (see Paul J. Ford Job No. 29203-0081), the foundation should have the necessary capacity to support the existing and proposed loading. For a more detailed description of the analysis of the tower, see the **Results** section of this report.

Our structural analysis has been performed assuming all information provided to FDH Engineering, Inc. is accurate (i.e., the steel data, tower layout, existing antenna loading, and proposed antenna loading) and that the tower has been properly erected and maintained per the original design drawings.

Recommendations

To ensure the requirements of the *TIA/EIA-222-F* standards and the *2005 Connecticut Building Code* are met with the existing and proposed loading in place, we have the following recommendations:

- 1. The proposed coax should be installed inside the pole's shaft.
- 2. RRU/RRH Stipulation: The equipment may be installed in any arrangement as determined by the client.

APPURTENANCE LISTING

The proposed and existing antennas with their corresponding cables/coax lines are shown in **Table 1**. If the actual layout determined in the field deviates from the layout, FDH Engineering, Inc. should be contacted to perform a revised analysis.

Table 1 - Appurtenance Loading

Existing Loading:

Antenna Elevation (ft)	Description	Coax and Lines	Carrier	Mount Elevation (ft)	Mount Type
153 147	(1) Decibel - TDD6492A-A Dipole (1) Telewave ANT150D	(2) 7/8	Town of Newtown	149	(1) 2' Standoff
137.5	(3) Antel BXA-171063-8BF w/ Mount Pipe (3) Swedcom SLCP 2X6014 w/ Mount Pipe (6) Swedcom SC-E 6014 Rev 2 w/ Mount Pipe (6) RFS FD9R6004/2C-3L Diplexers	(12) 1 5/8	Verizon	137.5	(1) 13' Low Profile Platform
118.5	(3) Powerwave 7770.00 w/ Mount Pipe (3) Powerwave P65-16 w/ Mount Pipe (6) Powerwave LGP21401 TMAs (6) Ericsson RRUS-11 RRUs (1) Raycap DC6-48-60-18-8F Surge Arrestor	(6) 1 5/8 (1) 3/8 (2) 5/8	AT&T	118.5	(1) Low Profile Platform
109	(6) Decibel DB980F90E-M w/ Mount Pipe	(6) 1 1/4	Sprint	109	(3) T-Arms w/ Working
99.5	(6) EMS RR65-18-02DPL2 w/ Mount Pipe (6) Remec 520057A1 TMAs	(12) 1 1/4	T-Mobile	99.5	Platforms (1) 14' Low Profile Platform
50.5	(1) Decibel 260B GPS	(1) 1/2	Sprint	50.5	(1) 3' Standoff

Proposed Loading:

Antenna Elevation (ft)	Description	Coax and Lines	Carrier	Mount Elevation	Mount Type
109	(3) RFS APXVSPP18-C-A20 w/ Mount Pipe (3) Alcatel Lucent 1900 MHz RRHs (3) Alcatel Lucent 800 MHz RRHs (3) Alcatel Lucent 800 MHz Filters (4) RFS ACU-A20-N RETs	(3) 1 1/4	Sprint	(ft) 109	(3) T-Arms w/ Working Platforms

RESULTS

The following yield strength of steel for individual members was used for analysis:

Table 2 - Material Strength

Member Type	Yield Strength
Tower Shaft Sections	65 ksi
Flange Plate	60 ksi
Flange Bolts	Fu = 120 ksi
Base Plate	60 ksi
Anchor Bolts	75 ksi

Table 3 displays the summary of the ratio (as a percentage) of force in the member to their capacities. Values greater than 100% indicate locations where the maximum force in the member exceeds its capacity. **Table 4** displays the maximum foundation reactions.

If the assumptions outlined in this report differ from actual field conditions, FDH Engineering, Inc. should be contacted to perform a revised analysis. Furthermore, as no information pertaining to the allowable twist and sway requirements for the existing or proposed appurtenances was provided, deflection and rotation were not taken into consideration when performing this analysis.

See the Appendix for detailed modeling information

Table 3 - Summary of Working Percentage of Structural Components

Section No.	Elevation ft	Component Type	Size	% Capacity*	Pass Fail
L1	149 - 139	Pole	TP19.85x17.5x0.1875	2.4	Pass
	139	Flange Bolts	(8) 1" Ø w/ BC = 22.75"	3.2	Pass
	139	Flange Plate	27" Ø x 0.75" thk.	5.5	Pass
L2	139 - 129	Pole	TP22.2x19.85x0.1875	15.7	Pass
	129	Flange Bolts	(8) 1" Ø w/ BC = 25.25"	23.7	Pass
	129	Flange Plate	29.5" Ø x 0.75" thk.	41.6	Pass
L3	129 - 97.75	Pole	TP29.54x22.2x0.1875	61.2	Pass
L4	97.75 - 48	Pole	TP40.86x28.2842x0.3125	74.2	Pass
L5	48 - 0	Pole	TP51.51x39.0009x0.3125	90.2	Pass
		Anchor Bolts	(12) 2.25" Ø w/ BC = 58"	83.0	Pass
	wahla atraca inara asa farisir	Base Plate	56" SQ. x 2.75" thk.	66.7	Pass

^{*} Capacities include 1/3 allowable stress increase for wind per TIA/EIA-222-F.

Table 4 - Maximum Base Reactions

Base Reactions	Current Analysis (TIA/EIA-222-F)	Original Design (TIA/EIA-222-F)
Axial	29 k	38 k
Shear	24 k	35 k
Moment	2,381 k-ft	3,750 k-ft

GENERAL COMMENTS

This engineering analysis is based upon the theoretical capacity of the structure. It is not a condition assessment of the tower and its foundation. It is the responsibility of SBA Network Services, Inc. to verify that the tower modeled and analyzed is the correct structure (with accurate antenna loading information) modeled. If there are substantial modifications to be made or the assumptions made in this analysis are not accurate, FDH Engineering, Inc. should be notified immediately to perform a revised analysis.

LIMITATIONS

All opinions and conclusions are considered accurate to a reasonable degree of engineering certainty based upon the evidence available at the time of this report. All opinions and conclusions are subject to revision based upon receipt of new or additional/updated information. All services are provided exercising a level of care and diligence equivalent to the standard and care of our profession. No other warranty or guarantee, expressed or implied, is offered. Our services are confidential in nature and we will not release this report to any other party without the client's consent. The use of this engineering work is limited to the express purpose for which it was commissioned and it may not be reused, copied, or distributed for any other purpose without the written consent of FDH Engineering, Inc.

APPENDIX

53.25 18 18 0.3125 0.3125 39,0009 \$1,5100 40,8600 A572.85 8,1 8,1 6,2	(f) 53.25 53.50 31	(fi) 53.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 53.25 5	(fi) 53.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 31.25 53.50 53.25 5	(f) 53.25 53.50 53.25 53.50 53.25 53.50 53.25 53.50 53.25 53.50 53.25 53.50 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53.25 53.20 53	(ii) Sess(iii) Consistent (iii) Sess(iii) Consistent (iii) Sess(iii) Consistent (iii) Sess(iii) Consistent (iii) Sess(iiii) Consistent (iiii) Sess(iiii) Consistent (iiiii) Sess(iiiiii) Consistent (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	18 18 18 18 18 18 18 18	18 18 18 18 18 18 18 18
18 18 18 18 18 18 18 18	18 18 18 18 18 18 18 18	18 18 18 18 18 18 18 18	18 18 18 18 18 18 18 18 18 18 18 18 18 1	18 18 18 18 18 18 18 18 18 18 18 18 18 1	181 18 18 18 18 18 18 18 18 18 18 18 18	18 18 18 18 18 18 18 18	181 (ii) 38 mph WIND
1556 (in) 0.3125	See (in) 0.3125	1878 1878	Length (ft) 0.3125 0.3125 0.1875 0.1875 Length (ft) 5.25 3.75 Length (ft) 5.25 3.75 Length (ft) 5.15 0.1875 3.75 Length (ft) 5.15 0.3125 3.75 Length (ft) 5.15 0.3125 3.75 Length (ft) 5.15 0.3125 3.75 Length (ft) 5.25 3.75 Length (ft) 5.25 3.75 3.75 Length (ft) 5.25 3.75 3.75 Length (ft) 5.25 Length (f	161 161	(ii) See Control (iii) See Con	(ii) 1975 (iii) 1975 (iv) 1975	181 (ii) 23 (iii) 25 (iii) 25 (iii) 25 (iii) 25 (iii) 25 (iii) 26 (iii) 26 (iii) 27 (iii) 27 (iii) 27 (iii) 28 (iii) 28 (iii) 29
Length (17) S.25	Length (ft) Ength (ft) 5.25 3.75 1 (m) 39,0009 28,2842 22,2000 (m) 51,5100 40,8600 29,5400 (x) 16,7 8,1 6,2 4572-65 (x) 16,7 8,1 6,2 4572-65	Length (ft) Ength (ft) 5.25 3.75 1 (in) 39,0009 28,2842 22,2000 (in) 40,8600 22,2000 (in) 40,8600 29,540 (iv) 16.7 8,1 1.6 (iv) 16.7 6.2 4572.65 (iv) 16.7 6.2 1.6	Length (tt) 5.25 5.25 5.75	(m) 39,0009 28,2642 27,2000 (m) 51,5100 40,8600 29,5400 (k) 16,7 8,1 6,2 A572-65 (k) 16,7 8,1 6,2 A572-65	(iii) (iv) 28,2842 (iv) 28,0009 (iv) 28,2842 (iv) 28,2842 (iv) 28,2842 (iv) 28,2842 (iv) 28,2842 (iv) 28,2842 (iv) 28,14	(ii) SHEAR (iii) (iii) White in the state of	(ii) (iii) (
I(in) 39,0009 28,2842 13,000	(in) 38,0009 28,2842 22,2000 (in) 51,5100 40,8600 29,540 (iv) 16,7 8,1 6,2 A572-65 (iv) 16,7 6,2 8,1 1,6	(in) 39,0009 28,2842 22,2000 (in) 51,5100 40,8600 A572.65 (iv) 16.7 8.1 6.2 A572.65	(in) 38,0009 28,2842 22,2000 (in) 51,5100 29,5400 (x) 16,7 8,1 6,2 A572-65 (x) 16,7 8,1 6,2 1,6	(in) 38,0009 28,2842 22,2000 (in) 61,5100 40,8600 22,5400 (iv) 16,7 8,11 6,2 45,7265 1,0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(in) 38,000 (in) 19,000 (in) 28,2842 (in) 28,000 (in) 28,2842	91 97.8 ft	97.8 ft
(iii) 51.5100 40.8600 A572-65	(fi) 51,5100 40,8600 29,5400 (fi) 81,1 6.2 A572-65 (fi) 8.1 6.2 A572-65 (fi) 8.2 A572-65 (fi) 8.	(in) 51,5100 40,8600 29,5400 (in) 81,1 6.2 A572.65 (in) 98.1 6.2 A572.65 (in) 98.1 9.08 (in) 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1	(in) 51,5100 40,8600 29,5400 (in) 40,8600 29,5400 (in) 40,8600 40,8600 (in) 40,8600	(n) 40.8600 A572-65 (K) 16.7 B 8.1 6.2 A572-65 (K) 16.7 B 8.1 6.2 A572-65 (K) 16.7 B 8.1 B 9.0 U B 9.0	97.8 ft. (a) 97.8 ft. (b) 97.8 ft. (c) 97.8 ft. (c) 97.8 ft. (c) 97.8 ft. (d) 97.8 ft. (d) 97.8 ft. (e) 97.8	97.8 ft 97.8 ft 48.0 ft 48.0 ft 48.0 ft 48.0 ft 48.0 ft 48.0 ft 38 mph W. SHEAR' 24 K \ TOF REACTION	97.8 ft 97.8 ft 48.0 ft 48.0 ft AXIA 40 SHEAR 6 K TORQUE 38 mph WIND- AXIA 29 SHEAR 24 K TORQUE REACTIONS -
48.76 (6) 16.7 (7) 16.7 (8) 16.7 (9) 16.7	8.1 6.2 A572-65 (K) 16.7 6.2 B.1 6.2 U.0.0 U.0. U.0.0 U.0. U.	8.1 6.2 A572-65 49.72-65 40.84 40.84	91. P. 8.1 P. 8.2 P. 2.2 P. 2.	97.8 ft	97.8 ft. 97.	97.8 ft 97.8 ft 48.0 ft SHEAR 6 K TOF 38 mph Will SHEACTION E E E E E E E E E E E E E	97.8 ft 97.8 ft 48.0 ft 48.0 ft AXII 40 SHEAR 6 K TORQUE 38 mph WIND- AXII 29 SHEAR 24 K TORQUE REACTIONS -
97.8 ft 97.8 ft 48.0 ft	97.8 ft 97.8 ft 180 ft	97.8 ft 97.8 ft 48.0 ft 9.0 ft	97.8 R 97.8 R 97.8 R 90.0 ft	97.8 ft	97.8 ft	97.8 ft SHEAR 6 K TOF 38 mph W. 24 K TOF REACTION	97.8 ft 48.0 ft AXI 40 SHEAR 6 K TORQUE 38 mph WIND- AXI 29 SHEAR 24 K TORQUE REACTIONS -
48.0 ft	97.8 ft.	97.8 ft.	97.8 ft.	97.8 ft 48.0 ft 34	97.8 ft SH 6 K 38 mp	97.8 ft SHEAR 6 K / TOF 38 mph W. SHEAR 24 K / TOF	97.8 ft AXI 40 SHEAR 6 K TORQUE 38 mph WIND- AXI 29 SHEAR 24 K TORQUE
					SH 6 K	SHEAR 6 K _ TOF 38 mph W. SHEAR ² 24 K _	AXII 40 SHEAR 6 K TORQUE 38 mph WIND- AXII 29 SHEAR 24 K TORQUE
AXIAL 40 K SHEAR 6 K TORQUE 0 ki 38 mph WIND - 0.75 AXIAL 29 K SHEAR	AXIAL 40 K SHEAR 6 K / TORQUE 0 ki 38 mph WIND - 0.75 AXIAL 29 K SHEAR 24 K / TORQUE 1 ki	AXIAL 40 K SHEAR 6 K TORQUE 0 ki, 38 mph WIND - 0.75 AXIAL 29 K SHEAR 24 K TORQUE 1 ki	TORQUE 0 ki, 3 mph WIND - 0.75 AXIAL 29 K SHEAR 24 K TORQUE 1 ki,	TORQUE 0 ki, h WIND - 0.75 AXIAL 29 K TORQUE 1 ki	40 K QUE 0 KI, ND - 0.75 AXIAL 29 K	K 0 ki _l 0.75 AL K	

DESIGNED APPURTENANCE LOADING

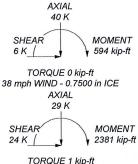
TYPE	ELEVATION	TYPE	ELEVATION
Lightning Rod	149	APXVSPP18-C-A20 w/Mount Pipe	109
6'x2.38" Pipe Mount	149	APXVSPP18-C-A20 w/Mount Pipe	109
ANT150D	149	APXVSPP18-C-A20 w/Mount Pipe	109
Decibel - TDD6492A-A Dipole	149	1900 MHz RRH	109
2' Standoff	149	1900 MHz RRH	109
13' Low Profile Platform	137.5	1900 MHz RRH	109
Antel BXA-171063-8BF w/ Mount Pipe	137.5	800 MHz RRH	109
Antel BXA-171063-8BF w/ Mount Pipe	137.5	800 MHz RRH	109
Antel BXA-171063-8BF w/ Mount Pipe	137.5	800 MHz RRH	109
SLCP 2X6014 w/Mount Pipe	137.5	800 MHz Filter	109
SLCP 2X6014 w/Mount Pipe	137.5	800 MHz Filter	109
SLCP 2X6014 w/Mount Pipe	137.5	800 MHz Filter	109
(2) SC-E 6014 Rev 2 w/ Mount Pipe	137.5	(2) ACU-A20-N RET	109
(2) SC-E 6014 Rev 2 w/ Mount Pipe	137.5	ACU-A20-N RET	109
(2) SC-E 6014 Rev 2 w/ Mount Pipe	137.5	ACU-A20-N RET	109
(2) FD9R6004/2C-3L Diplexer	137.5	(3) T-Arms w/ Working Platforms	109
(2) FD9R6004/2C-3L Diplexer	137.5	(2) Empty Mount Pipe	109
(2) FD9R6004/2C-3L Diplexer	137.5	(2) Empty Mount Pipe	109
7770.00 w/Mount Pipe	118.5	(2) Empty Mount Pipe	109
7770.00 w/Mount Pipe	118.5	(2) RR65-18-02DPL2 w/Mount Pipe	99.5
7770.00 w/Mount Pipe	118.5	(2) RR65-18-02DPL2 w/Mount Pipe	99.5
P65-16 w/Mount Pipe	118.5	(2) RR65-18-02DPL2 w/Mount Pipe	99.5
P65-16 w/Mount Pipe	118.5	(2) Remec - 520057A1	99.5
P65-16 w/Mount Pipe	118.5	(2) Remec - 520057A1	99.5
(2) LGP21401	118.5	(2) Remec - 520057A1	99.5
(2) LGP21401	118.5	14' Low Profile Platform	99.5
(2) LGP21401	118.5	(2) Empty Mount Pipe	99.5
(2) RRUS-11	118.5	(2) Empty Mount Pipe	99.5
(2) RRUS-11	118.5	(2) Empty Mount Pipe	99.5
(2) RRUS-11	118.5	Decibel 260B GPS	50.5
DC6-48-60-18-8F Surge Arrestor	118.5	3' Standoff	50.5
Low Profile Platform	118.5		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

- Tower is located in Fairfield County, Connecticut.
 Tower designed for a 85 mph basic wind in accordance with the TIA/EIA-222-F Standard.
 Tower is also designed for a 38 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
 Deflections are based upon a 50 mph wind.
 TOWER RATING: 90.2%



FDH Engineering, Inc. 6521 Meridien Drive FDH

Raleigh, NC 27616 Phone: (919) 755-1012 FAX: (919) 755-1031

ower Analysis

c.	Job: Newtown - C7	T13057-A	
	Project: 12-04786E S1		
	Client: SBA Network	Drawn by: Daniel Chang	App'd:
	Code: TIA/EIA-222-F	Date: 05/08/12	Scale: NTS
	Path:		Dwg No. F_4



RADIO FREQUENCY EMISSIONS ANALYSIS REPORT EVALUATION OF HUMAN EXPOSURE POTENTIAL TO NON-IONIZING EMISSIONS

Sprint Existing Facility

Site ID: CT54XC770

Newtown East - Dwyer 151 Berkshire Road Newtown, CT 06482

August 08, 2012



August 8, 2012

Sprint
Attn: RF Engineering Manager
1 International Boulevard, Suite 800
Mahwah, NJ 07495

Re: Emissions Values for Site CT54XC770 - Newtown East - Dwyer

EBI Consulting was directed to analyze the proposed upgrades to the existing Sprint facility located at 151 Berkshire Road, Newtown, CT, for the purpose of determining whether the emissions from the proposed Sprint equipment upgrades on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01 and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter (μ W/cm²). The number of μ W/cm² calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter (μ W/cm²). The general population exposure limit for the cellular band is approximately 567 μ W/cm², and the general population exposure limit for the PCS band is 1000 μ W/cm². Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

Tel: (781) 273.2500



Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed upgrades to the existing Sprint Wireless antenna facility located at 151 Berkshire Road, Newtown, CT, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. All calculations were performed assuming the main lobe of the antenna was focused at the base of the tower to present a worst case scenario. Actual values seen from this site will be dramatically less than those shown in this report. For this report the sample point is the top of a 6 foot person standing at the base of the tower.

For all calculations, all emissions were calculated using the following assumptions:

- 1) 3 CDMA Carriers (1900 MHz) were considered for each sector of the proposed installation.
- 2) 1 CDMA Carriers (850 MHz) were considered for each sector of the proposed installation
- 3) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 4) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The actual gain in this direction was used per the manufactures supplied specifications.
- 5) The antenna used in this modeling is the RFS APXVSPP18-C-A20. This is based on feedback from the carrier with regards to anticipated antenna selection. This antenna has a 15.9 dBd gain value at its main lobe at 1900 MHz and 13.4 dBd at its main lobe for 850 MHz. All calculations were performed assuming the main lobe of the antenna was focused at the base of the tower to present a worst case scenario.



- 6) The antenna mounting height centerline of the proposed antennas is **107.5 feet** above ground level (AGL)
- 7) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

All calculation were done with respect to uncontrolled / general public threshold limits

Tel: (781) 273.2500

Site Addresss Site Type Site Type Antenna Number Antenna Make 1a RES 1a RES	Site Addresss Site Type	151 Berkshire	151 Berkshire Road, Newtown, CT 06482	wn, CT 06482													
Antenna Antenna Number Antenna 13 RF F	Туре		Mononolo														
Antenna Number Antenna 1a RF 1a RF			INIONICA														
Antenna Number Antenna 1a RF							Sector 1	¥.1									
Antenna Number Antenna 1a RE 1a RE																	
Number Antenna 1a RF 1a RF						Power Out Per Channel		Number of Composite	Antenna Gain in direction of sample	Antenna			Cable Loss	Cable Loss Additional		Power Density	Power Density
	a Make	Antenna Model	Radio Type	Frequency Band	Technology	(Watts)	Channels	Power	point (dBd)	Height (ft)	height	Cable Size	(dB)	Loss	ERP	Value	Percentage
	RFS	APXVSPP18-C-A20	RRH	1900 MHz	CDMA/LTE	20	3	09	15.9	107.5	101.5	1/2 "	0.5	0	2080.4211	72.59808	7.25981%
		APXVSPP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	107.5	101.5	1/2"	0.5	0	389.96892	13.6083	2.40005%
												Sector tot	al Power De	Sector total Power Density Value:	%6659'6		
							Sector 2	r 2									
						Power Out Per			Antenna Gain in direction							Power	Power
Antenna Number Antenna Make	a Make	Antenna Model	Radio Tvpe	Frequency Band	Technology	Channel (Watts)	Number of Channels	Number of Composite Channels Power	of sample point (dBd)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Density Value	Density Percentage
Za RFS	68	APXVSPP18-C-A20	RRH	1900 MHz	CDMA/LTE	20	3	09	15.9	107.5	15/15	1/2"		0	2080.4211	72.59808	7.25981%
		APXVSPP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	107.5	101.5	1/2"	0.5	0	389.96892	13.6083	2.40005%
												Sector tot	al Power De	Sector total Power Density Value:	9.6599%		
							Sector 3	т3									
						Power			Antenna Gain							Dower	Power
Antenna	. Marka		d dip d	bar G. maconinos		entera almo	Number of	Number of Composite		Antenna Hoirbt (#)	analysis	ودزی مالادی		Cable Loss Additional	0	Density	Density
3a RF	5 50	APXVSPP18-C-A20	RRH RRH	1900 MHz	CDMA/LTE	20	3	09	15.9	107.5	5755	1/2 "	888	0	2080.4211	72.59808	7.25981%
		APXVSPP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	107.5	101.5	1/2 "	0.5	0	389.96892	13.6083	2.40005%
												Sector tot	of Power De	Sector total Power Density Value: 9 6599%	9 6599%		

Site Com	Site Composite MPE %
Carrier	MPE %
Sprint	28.980%
T-Mobile	10.900%
AT&T	14.030%
Verizon Wireless	19.750%
Town of Newtown	1.600%



Summary

All calculations performed for this analysis yielded results that were well within the allowable limits for general public exposure to RF Emissions.

The anticipated Maximum Composite contributions from the Sprint facility are 28.980% (9.660% from each sector) of the allowable FCC established general public limit considering all three sectors simultaneously sampled at the ground level.

The anticipated composite MPE value for this site assuming all carriers present is **75.260%** of the allowable FCC established general public limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were well within the allowable 100% threshold standard per the federal government

Tel: (781) 273.2500

Fax: (781) 273.3311

Scott Heffernan

RF Engineering Director

EBI Consulting

21 B Street

Burlington, MA 01803

TANKS TO LINE

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 www.ct.gov/csc

August 22, 2012

The Honorable Patricia E. Llodra First Selectman Town of Newtown Town Hall 3 Primrose Street Newtown, CT 06470-5307

RE:

EM-SPRINT-097-120817 – Sprint Spectrum notice of intent to modify an existing telecommunications facility located at 151 Berkshire Road, Newtown, Connecticut.

Dear First Selectman Llodra:

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 September 5, 2012.

Thank you for your cooperation and consideration.

Very truly yours,

Linda Roberts
Executive Director

LR/jbw

Enclosure: Notice of Intent

c: Gary Frenette, Zoning Enforcement Officer, Town of Newtown

