STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE AND OPERATION OF A WIRELESS TELECOMMUNICATIONS FACILITY ON PROPERTY OF THE FALLS VILLAGE VOLUNTEER FIRE DEPARTMENT, INC., 188 ROUTE 7 SOUTH, FALLS VILLAGE, CONNECTICUT

DOCKET NO. 360



JUNE 18, 2008

SUPPLEMENTAL INFORMATION

On Friday, May 30, 2008, Cellco Partnership d/b/a Verizon Wireless ("Cellco") acquired the CT-1 RSA cellular license for Litchfield County, Connecticut from Alltel Communications. The acquisition of this license will enable Cellco to expand its cellular footprint and improve its network service into Litchfield County including the Falls Village area in the Town of Canaan.

In addition to cellular and PCS service, Cellco also has recently acquired the FCC license to provide service in the 700 MHz frequency range. Cellco's 700 MHz frequencies will use LTE Technology for 4G (4th Generation) wireless service. The information provided below and in the attached exhibits is intended to supplement the information previously filed in the Docket No. 360 Application.

Proposed Antenna Installation

Cellco intends to install six PCS and six cellular antennas at the 150-foot level on the proposed Falls Village Facility tower. Cellular antenna specifications are included behind <u>Tab 1</u>

of this filing. At cellular frequencies, Cellco will provide reliable service to a 3.45 mile portion of Route 7, a 1.25 mile portion of Route 112, a 1.3 mile portion of Route 126 and an overall area of approximately 10.6 square miles overall. Plots showing Cellco's existing and proposed cellular coverage in the Falls Village area are attached behind <u>Tab 2</u>. Cellco does not intend to install 700 MHz frequency antennas on the Falls Village tower at this time.

Cellular License

A copy of the recently acquired the FCC CT-1 RSA Cellular License is attached behind Tab 3.

Visibility

The installation of cellular antennas in addition to the PCS antennas currently proposed will not change, in any way the findings in the Visual Resource Evaluation Report included in the application.

Non-Ionizing Radio Frequency Radiation

To supplement the information included on page 15 and behind <u>Tab 1</u> of the Application, Cellco has performed new maximum power density calculations for the proposed Falls Village Facility including both cellular and PCS antennas. This calculation is a conservative worst-case approximation for RF power density levels at the closest accessible point, the base of the tower, with all antennas transmitting simultaneously on all channels at full power. The calculations indicate that the maximum power density level for Cellco antennas would be 18.80% of the FCC standard.

CERTIFICATION

I hereby certify that on the 18th day of June 2008, a copy of the foregoing was

mailed, postage prepaid, to:

Robert H. Rout, Esq. 160 Wells Hill Road Lakeville, CT 06039 therouts@webtv.net

Gabriel North Seymour P.C. 200 Route 126 Falls Village, CT 06031 certiorari@earthlink.net

Kenneth C. Baldwin

LPA-70090/4CF

When ordering replace "___" with connector type.

Mechanical specifications

Length	1200	mm	47.2	in
Width	140	mm	5.5	in
Depth Depth with z-bracket		mm mm	9.4 11.0	ALVONIA.
⁴⁾ Weight	5	kg	11.0	lbs
Wind Area Fore/Aft	0.17	m²	1.8	ft2
Side	0.29	m²	3.1	

Rated Wind Velocity (Safety factor 2.0) >444 km/hr >276 mph

Wind Load @ 100 mph (161 km/hr)
Fore/Aft 254 N 57.1 lbs
Side 415 N 93.3 lbs

Antenna consisting of aluminum alloy with brass feedlines covered by a UV safe fiberglass radome.

Mounting and Downtilting

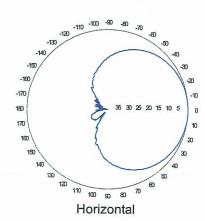
Mounting brackets attach to a pipe diameter of Ø50-102 mm (2.0-4.0 in). If the lock-down brace is used, the maximum diameter is Ø88.9 mm (3.5 in).

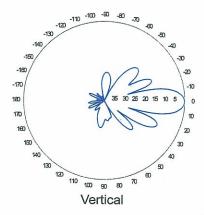
Mounting Bracket & Downtilt Bracket Kit #21699999

Electrical specifications

	图《中枢·通讯》(新闻图记记》)中的是国际,中枢图像图像和图像(图像)(2)。中枢(2)。中枢(2)(2)(2)	OF CHESTER SET PERSONS WEARING AND PRESENT AS ASSESSED ASSESSED.
	Frequency Range	696-900 MHz
	Impedance	50Ω
3)	Connector(s)	NE or E-DIN 1 port / center
1)	VSWR	≤ 1.4:1
	Polarization	Vertical
1)	Gain	11.5 dBd
2)	Power Rating	500 W
1)	Half Power Angle	
	H-Plane	90°
	E-Plane	15°
1)	Electrical Downtilt	0°
1)	Null Fill	10-15%
	Lightning Protection	Direct Ground

Radiation pattern¹⁾

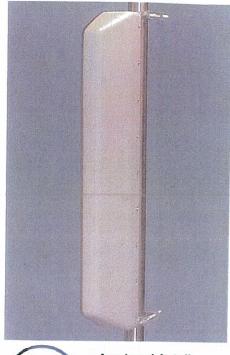




Featuring upper side lobe suppression.

Radiation patterns for all antennas are measured with the antenna mounted on a fiberglass pole.

Mounting on a metal pole will typically improve the Front-to-Back ratio.





Amphenol Antel's Exclusive 3T (True Transmission Line Technology) Antenna Design:

- True log-periodic design allows for superior front-to-side characteristics to minimize sector overlap.
- Unique feedline design eliminates the need for conventional solder joints in the signal path.
- A non-collinear system with access to every radiating element for broad bandwidth and superior performance.
- Air as insulation for virtually no internal signal loss.

This Amphenol Antel antenna is under a fiveyear limited warranty for repair or replacement.

Antenna available with center-fed connector only.

Typical values.

Power rating limited by connector only.

NE indicates an elongated N connector.
 E-DIN indicates an elongated DIN connector.

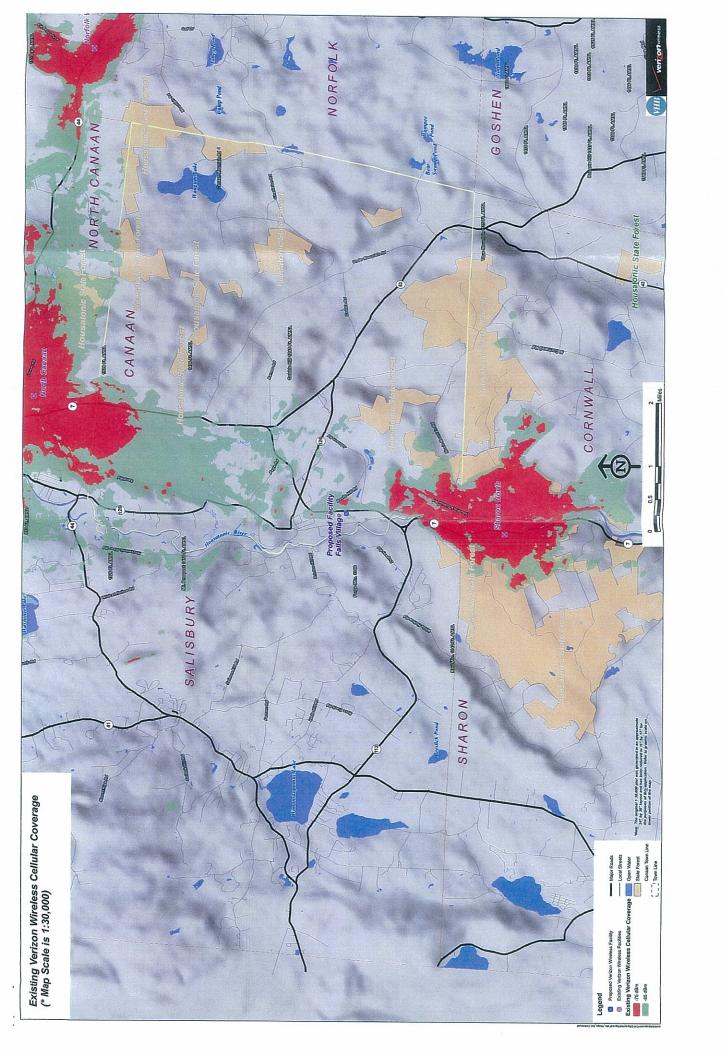
The antenna weight listed above does not include the bracket weight.

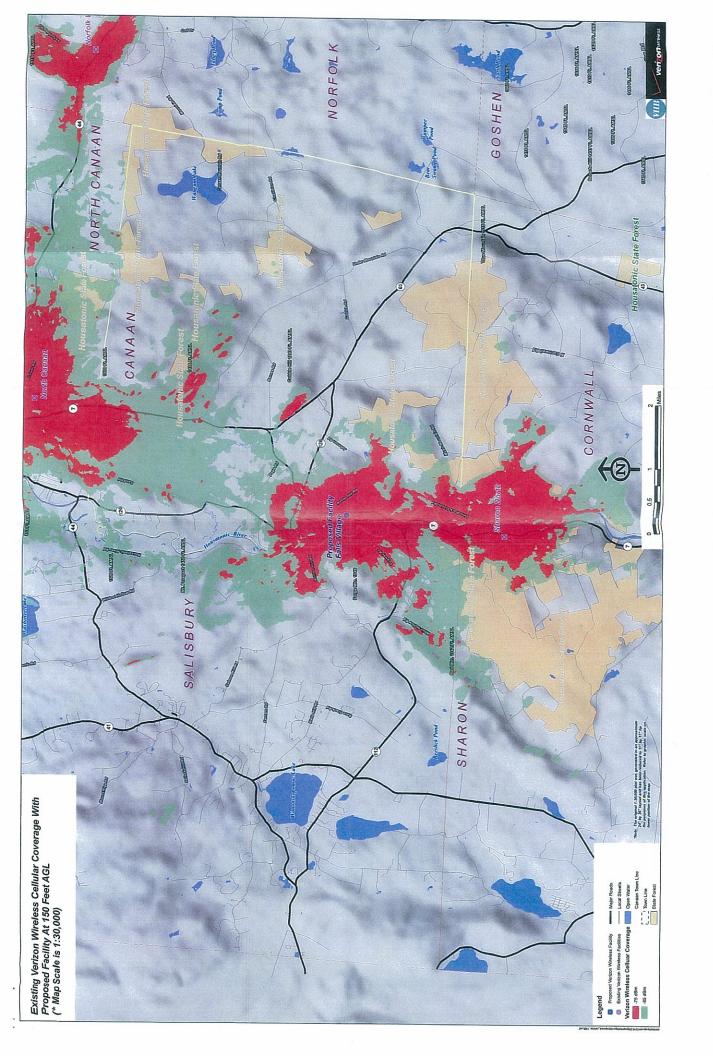
Improvements to mechanical and/or electrical performance of the antenna may be made without notice.

CF Denotes a Center-Fed Connector.

696-900 MHz







REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



Federal Communications Commission Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY CELLCO PARTNERSHIP 1120 SANCTUARY PKWY #150 - GASA5REG ALPHARETTA, GA 30004

Call Sign KNKN833	File Number
	Service ellular
Market Numer	Channel Block
CMA357	A

FCC Registration Number (FRN): 0003290673

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ctive Date	Expiration Date 10-01-2011	Five Yr Build-Out Date	Print Date
		Superation Date	Proprietton Date Five 11 Build-Out Date

Site Information: Location Latitude

Location Latitude L	ongitude		round Elev neters)	ation	Structure Hg (meters)	t to Tip	Antenna S	
3 41-49-16.6 N 0' Address: Mohawk Mountain	73-17-47.1 W		14.2		26.8		Registratio	n No.
City: Mohawk County: LITCH	FIELD State:	CT C	Constructio	n Dead	line:			
Antenna: 3 Azimuth (from true no	orth) 0	45	90	135	180	225	270	315
Antenna Height AAT (meters) Transmitting ERP (watts)		113.000 124.450	194.500 56.870	187.70 7.320		134.200	207.600	219.300
Antenna: 4 Azimuth (from true no		45	90	135	0.440 180	0.240 225	0.680 270	10.110 315
Antenna Height AAT (meters) Transmitting ERP (watts)		113.000 1.550	194.500 25.400	187.70 161.34	200.200	134.200 134.200	_07.000	219.300 1.010

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN833	File	Number:			P	rint Date	e:	
Location Latitude Long 8 41-44-12.3 N 073-0 Address: 123 Campville Hill Rd (Har City: Terryville County: LITCHFI	5-49.3 W winton sit	(n 22 e)	round Ele neters) 23.7 Constructi		Structure Hg (meters) 56.3	t to Tip	Antenna S Registratio	_
Antenna: 1 Azimuth (from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	30.000 59.560	45 30.200 184.070	90 68.000 146.210	135 41.400 34.270		225 30.000 0.370	270 30.000 0.660	315 30.000 9.660
Antenna: 2 Azimuth (from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	30.000 0.380	45 30.200 5.550	90 68.000 41.200	135 41.400 160.32	0,,000	225 30.000 50.690	270 30.000 6.530	315 30.000 0.400
Antenna: 3 Azimuth (from true north) Antenna Height AAT (meters) Transmitting ERP (watts)	0 30.000 60.950	45 30.200 9.010	90 68.000 0.450	135 41.400 0.360	180 69.000 4.120	225 30.000 33.400	270 30.000 146.200	315 30.000 184.000
Location Latitude Longing 9 41-53-37.7 N 072-59 Address: 50 Rust Road (Barhamstead City: Litchfield County: LITCHFIE	9-47.3 W Site)	(m 24	round Elev neters) 11.7 Constructio	,	Structure Hg (meters) 45.7 line:	t to Tip	Antenna St Registratio 1250429	
Antenna: 1 Azimuth (from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 2 Azimuth (from true north) Antenna Height AAT (meters) Transmitting ERP (watts) Antenna: 3 Azimuth (from true north)	0 30.000 153.100 0 30.000 0.260	45 30.000 62.370 45 30.000 3.500	90 75.200 7.850 90 75.200 17.570 90	135 134.200 0.390 135 134.200 22.130	0.300 180 30.000 6.380	225 30.000 0.980 225 30.000 0.680	270 30.000 12.730 270 30.000 0.100	315 30.000 86.000 315 30.000 0.100
Antenna Height AAT (meters) Transmitting ERP (watts)	30.000 1.330	30.000 0.280	75.200 0.280	135 134.200 4.410	180 30.000 44.150	30.000 142.880	270 30.000 108.390	315 30.000 20.650

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN833

File Number:

Print Date:

Location	Latitude Longi	tude		round Eleneters)		Structure Hg (meters)		Antenna St Registratio	
10	41-51-43.3 N 073-2	3-58.6 W		19.1		60.0		registi atio	n No.
Address: 7	Sirdan Mountain Road (Co	ornwall Site	e)						
City: Corn	wall County: LITCHFIE	LD Stat	te: CT	Constructi	on Deadl	line:			
	wall County: LITCHFIE Azimuth (from true north)		45	Constructi 90	on Deadl	line: 180	225	270	315
				90		180	225 131.800	270 229,400	315 196.200

Control Points:

Waivers/Conditions:

This license is conditioned upon compliance with the provisions of Applications of AT&T Wireless Services, Inc. and Cingular Wireless Corporation For Consent to Transfer Control of Licenses and Authorizations, Memorandum Opinion and Order, FCC 04-255 (rel. Oct. 26, 2004).

Spectrum Lease Associated with this License. See Spectrum Leasing Arrangement Letter dated 12/06/2004 and File # 0001918527.

The Spectrum Leasing Arrangement, which became effective upon approval of application file number 0001918527, was terminated on 04/14/2005. See file number 0002135354.