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Direct (860) 275-8345

June 4, 2012

Linda Roberts
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Notice of Exempt Modification – Antenna Swap
401 Wakelee Avenue, Ansonia, Connecticut**

Dear Ms. Roberts:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains twelve (12) wireless telecommunications antennas at the 179-foot level on the existing 196-foot tower at the above-referenced address. The tower is owned by American Tower Corporation. The Council approved Cellco’s shared use of the tower in 2001. Cellco now intends to modify its facility by replacing six (6) of its antennas with six (6) model APL868013-42T0 cellular antennas at the same 179-foot level on the tower. Attached behind Tab 1 are the specifications for the replacement antennas.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to James Della Volpe, Mayor of the City of Ansonia. The City of Ansonia is the owner of the property on which the tower is located.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modifications will not result in an increase in the overall height of the existing tower. Cellco’s antennas will be located at the 179-foot level on the existing 196-foot tower.



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Linda Roberts

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2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundaries.


3. The proposed modifications will not increase noise levels at the facility by six decibels or more.

4. The operation of the new antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) adopted safety standard. A cumulative power density table for Cellco's modified facility is included behind Tab 2.

Also attached is a Structural Evaluation confirming that the tower and foundation can support Cellco's proposed modifications. (See Tab 3).

For the foregoing reasons, Cellco respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,



Kenneth C. Baldwin

Enclosures

Copy to:

James Della Volpe, Ansonia Mayor
Macabee Properties LLC
Sandy M. Carter







Maximizer® Log Periodic Antenna, 806-894, 80deg, 14.1dBi, 1.2m, FET, 0deg

Product Description

The Celwave® Maximizer series is a log periodic dipole array which uses a patented design to achieve a front-to-back ratio of 45 dB, the highest front-to-back ratio in the industry. Maximizers are available to cover ESMR, AMPS, PCS and DCS frequency ranges. They use RFS's patented monolithic CELite® technology, which eliminates cable and soldered joints to reduce the possibility of inter-modulation products. The CELite technology assures high reliability and excellent repeatability of electrical characteristics. The cellular Maximizers are available in 65°, 80° and 90° horizontal beamwidths and the PCS/DCS Maximizers are available in 65° and 90° horizontal beamwidths. Patent number 6,133,889.

Features/Benefits

- 45 dB front-to-back ratio reduces co-channel interference.
- Monolithic construction reduces IM.
- No solder joints, high reliability.
- Surface treated components prevent galvanic corrosion.
- UV stabilized radome assures long life without radome deterioration due to UV exposure.



Technical Specifications

Electrical Specifications

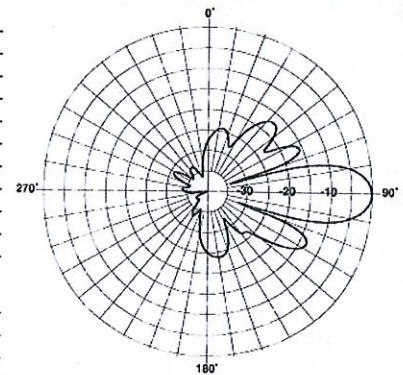
Frequency Range, MHz	806-894
Horizontal Beamwidth, deg	80
Vertical Beamwidth, deg	15
Electrical Downtilt, deg	0
Gain, dBi (dBd)	14.1 (12)
Front-To-Back Ratio, dB	45
Polarization	Vertical
VSWR	< 1.5:1
Impedance, Ohms	50
Maximum Power Input, W	500
Lightning Protection	Direct Ground

Mechanical Specifications

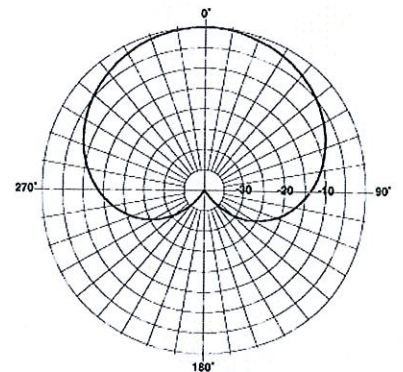
Dimensions - HxWxD, mm (in)	1219 x 152 x 203 (48 x 6 x 8)
Weight w/o Mtg Hardware, kg (lb)	2.8 (6.32)
Shipping Weight, kg (lb)	7.9 (17.5)
Packing Dimensions, HxWxD, mm (in)	1270 x 305 x 203 (50 x 12 x 8)

Ordering Information

Mounting Hardware	APM21-3
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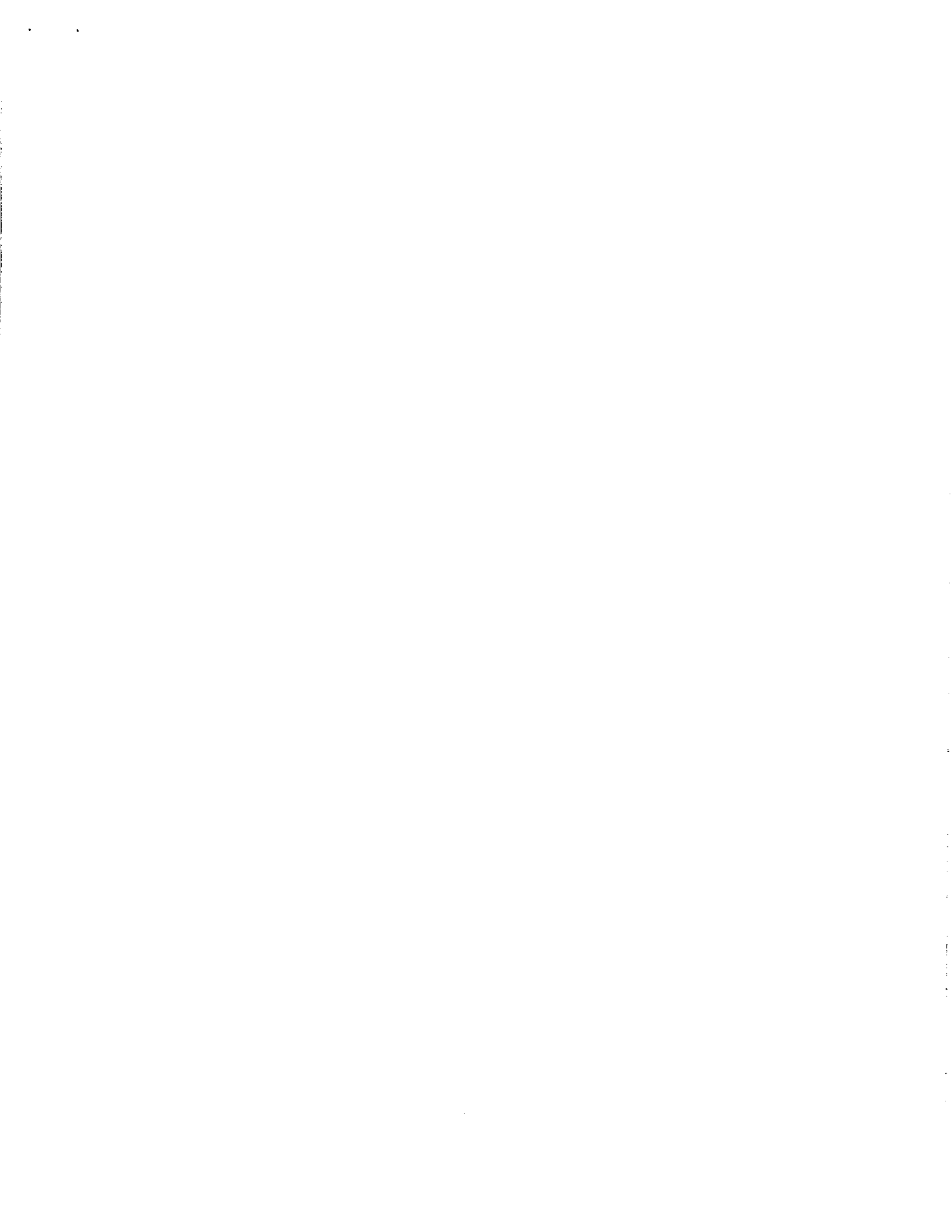
Vertical Pattern



Horizontal Pattern

Other Documentation

All information contained in the present datasheet is subject to confirmation at time of ordering







Level 1 Structural Evaluation ¹		
ATC Site Number & Name	302470, Ansonia Wakelee	Engineering ID: 49287311
Carrier Site Number & Name	N/A, Ansonia, CT	
Site Address	401 Wakelee Avenue Ansonia, CT 06401-1226, New Haven County	
Tower Description	196 ft Rohn Self Support Tower	
Standards & Codes ²	Basic Wind Speed: 105 mph (3-Second Gust) Radial Ice: 50 mph (3-Second Gust) w/ 3/4" radial ice Code: TIA-222-G / 2003 IBC w/ 2005 Connecticut Supplements & 2009 Connecticut Amendments	

Table 1: Existing Antenna Configuration

EL. (Ft)	QTY	ANTENNAS	MOUNT	COAX (In)	CARRIER	
194	2	DragonWave Horizon Compact	Sector Frame	(6) 5/16 (2) 3" conduits (2) 1/2	Clearwire	
	3	NextNet BTS-2500				
	3	Argus LLPX310R				
	2	DragonWave A-ANT-18G-2-C		Sector Frame	(10) 1 1/4 (6) 1 5/8	Sprint Nextel
	9	48" x 12" Panel				
	3	KMW HB-X-WM-17-65-00T				
	3	72" x 12" Panel				
184	6	Andrew DB950F65E-M	Sector Frame	(6) 1 5/8		
167	9	14" x 9" TTA	Sector Frame	(12) 1 5/8 (2) 19.7mm (1) 10mm	AT&T Mobility	
	9	72" x 12" Panel				
	3	36" x 8" Panel				
	1	Raycap DC6-48-60-18-8F				
	6	Ericsson RRUS 11 (Band 12)				
157	3	RFS APXV18-206517-C	Leg	(6) 1 5/8	Youghiogheny	
148	3	RFS ATMAA1412D-1A20	Sector Frame	(18) 1 5/8	T-Mobile	
	3	CCIDTMA-1819-DD-12				
	3	EMS DR65-18-02DPL2Q				
	3	RFS APX16DWV-16DWVS-E-A20				
125	2	Motorola PTP54600	Leg	(2) 1/4	City of Ansonia	
104	2	2" x 8" GPS	Side Arm	(2) 1/2	Sprint Nextel	
82	1	10' Omni	Side Arm	(1) 1/2	Ansonia Fire Dept.	
76	1	2" x 8" GPS	Side Arm	(1) 1/2	Sprint Nextel	
12	1	Nortel NTGB01MA	Leg	(1) 7/8	Youghiogheny	

Table 2: Proposed Antenna Configuration

EL. (Ft)	QTY	ANTENNAS	MOUNT	COAX (In)	CARRIER
179	6	RFS APL868013-42T0	Sector Frame	(12) 1 5/8	Verizon Wireless
	3	Ryma MGD3-800TX			
	3	Powerwave P65-16-XL-2			
	6	RFS FD9R6004/2C-3L			

Proposed coax to be installed triple stacked for a final configuration of 4-on-4-on-4.



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302470-CB
5/10/2012
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The subject tower and foundation *are adequate* to support the above stated loads in conformance with specified requirements.³



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Connecticut.

- ¹ The existing and proposed loads of *Table 1* and *Table 2* are compared to the tower's current design capacity or previous analysis.
² The design wind criteria are compared to the current code requirements.
³ The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in the above tables.



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

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June 7, 2012

The Honorable James T. DellaVolpe
Mayor
City of Ansonia
City Hall
253 Main Street
Ansonia, CT 06401-1866

RE: **EM-VER-002-120605**- Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 401 Wakelee Avenue, Ansonia, Connecticut.

Dear Mayor DellaVolpe:

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 June 21, 2012.

Thank you for your cooperation and consideration.

Very truly yours,

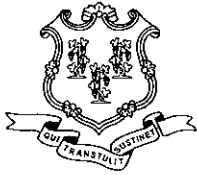
A handwritten signature in black ink that reads "Linda Roberts".

Linda Roberts
Executive Director

LR/jbw

Enclosure: Notice of Intent

c: Peter Crabtree, Zoning Enforcement Officer, City of Ansonia



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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June 22, 2012

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103

RE: **EM-VER-002-120605**- Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 401 Wakelee Avenue, Ansonia, Connecticut.

Dear Attorney Baldwin:

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:

- 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 June 4, 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 James T. DellaVolpe, Mayor, City of Ansonia
Peter Crabtree, Zoning Enforcement Officer, City of Ansonia
American Tower Corporation

