ROBINSON & COLE LLP

KENNETH C. BALDWIN

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EM-VER-054-030417

April 16, 2003

Via Federal Express

S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Notice of Exempt Modification
Siting Council Docket No. 58
Birch Mountain Road
Glastonbury, Connecticut

Dear Mr. Phelps:

Cellco Partnership d/b/a Verizon Wireless
existing facility off Birch Mountain Road in Glast
this letter as notification pursuant to R.C.S.A. § 16
constitutes an exempt modification pursuant to R.C
accordance with R.C.S.A. § 16-50j-73, a copy of th
Glastonbury Town Manager, Richard J. Johnson.

Cellco's existing facility in Glastonbury con
antennas attached at the 166-foot level of a privately
tower and a single-story equipment shelter near the base of the tower. Cellco intends to remove the twelve existing panel antennas (four Model ALP 9212 and eight Model ALP 9009) and replace them with twelve Model DB844H90 panel antennas. The replacement antennas will be mounted at the same 166-foot level on the tower. There are no changes proposed to any ground mounted structures or equipment.

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

1. The proposed modification will not increase the overall height of the existing tower. Cellco's replacement antennas will remain at the 166-foot level on the existing 220-foot tower.

2. The installation of replacement antennas does not effect any ground level equipment or structure and therefore will not require an extension of facility boundaries.

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

4. The operation of the replacement antennas does not result in an increase in existing radio frequency (RF) power density levels at the facility. Updated RF power density calculations were therefore not performed for Cellco or other uses at this facility.

Cellco has performed a structural analysis of the tower and has confirmed that the tower is capable of supporting the replacement antennas. A copy of the engineer's structural certification is attached. Also attached are the specifications for the replacement antennas.

For the foregoing reasons, Cellco respectfully submits that the proposed replacement of antennas at the Glastonbury facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Kenneth C. Baldwin

KCB/kmd
cc: Richard J. Johnson, Glastonbury Town Manager
Sandy M. Carter

ALL-POINTS TECHNOLOGY CORPORATION, P.C.

April 8, 2003

Verizon Wireless
99 East River Drive, 9th Floor
East Hartford, CT 06108

Attn: Wayne Lukachek
Re: Birch Mountain Road Tower
Glastonbury, Connecticut

Dear Wayne,

I am writing with regard to the 225' ROHN Model 80 guyed tower located on Birch Mountain Road in Glastonbury, Connecticut. I climbed, inspected, and performed a structural analysis of the tower in June 2000 while employed by H. E. Bergeron Engineers, P.A. Results of the analysis, which found the tower to be capable of supporting Verizon Wireless' proposed antenna changes, were submitted in a report dated June 27, 2000.

The June 2000 analysis was performed for Verizon's addition of four ALP 9212 and eight ALP 9009 panel antennas on 15' sector mounts with twelve 7/8" waveguide cables. Verizon Wireless proposes to replace the current antennas with twelve DB844H90 panel antennas, each fed by a 1-5/8" waveguide cable.

The DB844H90 antennas are significantly smaller antennas and represent less load on the tower. If new waveguide cables are installed in a 4-wide by 3-deep stacked arrangement the new antenna installation will result in lower stresses on the tower than the current antennas.

We appreciate this opportunity to provide you with our services. Please call if you have any questions.

Sincerely,
All-Points Technology Corporation, P.C.

Robert E. Adair, P.E.
Principal

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STATE OF CONNECTICUT
ROBERT E ADAIR
No. 20278
LICENSED
PROFESSIONAL ENGINEER

711 NORTH MOUNTAIN ROAD • NEWINGTON, CONNECTICUT 06111 • PHONE: 860-953-4444 • FAX: 860-953-1181
150 OLD WESTSIDE ROAD • NORTH CONWAY, NEW HAMPSHIRE 03860 • PHONE/FAX: 603-356-5214

DB840 dB Director® Series
Vertically Polarized Log Periodic Antennas

DECIBEL PRODUCTS®
An Allen Telecom Company

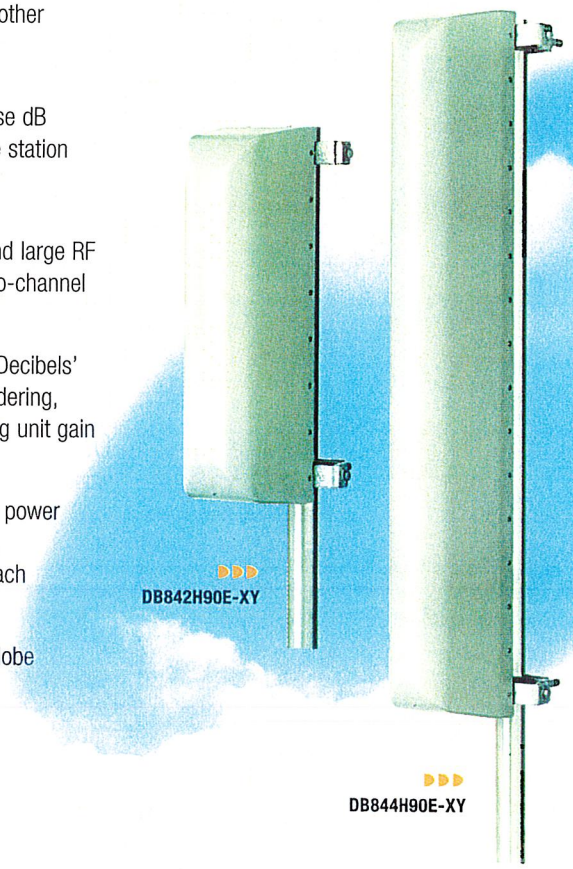
OVERVIEW

806 - 960 MHz

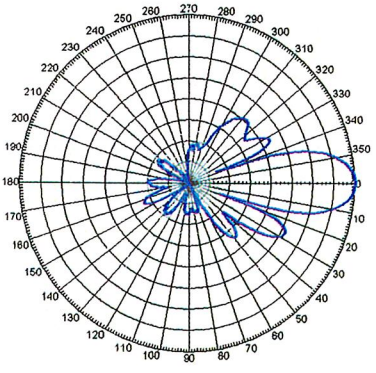
Carriers seeking cost-effective expansions and upgrades to existing systems can often maximize capacity by adding base stations and sharing frequencies among non-adjacent sites. However, these configurations, as well as signals from other systems, can create co-channel interference.

Decibel Products' dB Director® Series of antennas provides a solution. These dB Directors® reduce co-channel interference by creating a more precise base station footprint with both elevation and azimuth pattern shaping and control.

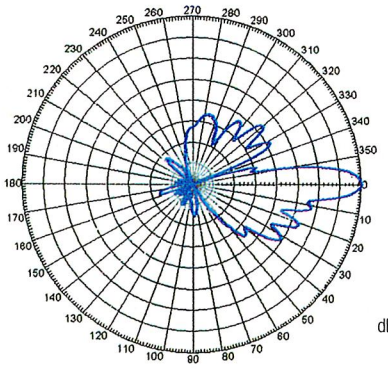
- **Superior Azimuth Patterns** — The strong front-to-back ratio and large RF cone-of-silence behind the antennas provide excellent minimization of co-channel interference, improved capacity and call quality.
- **GEN3VPOL™ Technology** — A large selection of arrays feature Decibels' patent pending, GEN3VPOL™ air dielectric technology; eliminating all soldering, welding, rivets, and screws in element feed circuits, as well as, improving unit gain with lower internal losses.
- **Absence of Intermodulation** — Each array is qualified for high power PIM free performance with a 16 carrier, 500 Watt composite power test. In addition, Decibel Products conducts 100% two-tone PIM testing on each antenna prior to shipment.
- **MaxFill™** — Providing outstanding null-fill (12-15 dB) and upper sidelobe suppression.



Aerodynamic, Low Profile

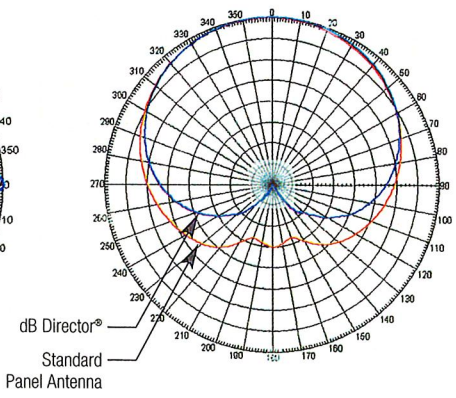


The DB844G90A-XY provides excellent USLS and uses patent pending air dielectric construction.



Strong USLS and null fill characterize the MaxFill™ series.

Scale: 10° radials, 5 dB per division



Exceptional azimuth control lowers co-channel interference and reduces soft hand-offs.

DB840 dB Director® Series
Vertically Polarized Log Periodic Antennas

DECIBEL PRODUCTS®
An Allen Telecom Company

90° HORIZONTAL BEAMWIDTH

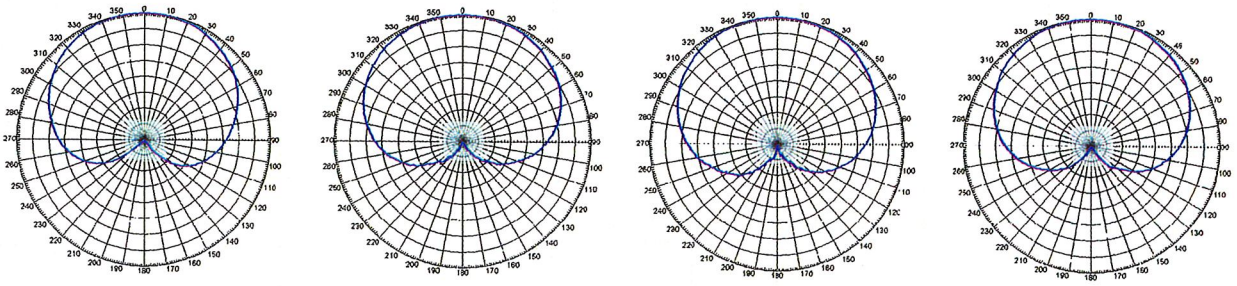
806 - 960 MHz

HORIZONTAL BEAMWIDTH	90°	90°	90°	90°
FREQUENCY RANGE	806-960 MHz	806-896 MHz	806-960 MHz	806-960 MHz
	9 dBd / 0° Tilt	12 dBd / 0° Tilt	12 & 12.4 dBd / 0° Tilt	12 & 12.4 dBd / 0° Tilt
MODEL	DB842H90E-XY	DB844F90A-SX	DB844G90A-XY	DB844H90E-XY
TYPE	Log Periodic	Log Periodic	Log Periodic	Log Periodic
ELECTRICAL SPECIFICATIONS				
Frequency Range (MHz)	806-960	806-896	806-960	806-960
Gain (dBd/dBi)	9 / 11.1	12 / 14.1	806-896 MHz: 12 / 14.1 870-960 MHz: 12.4 / 14.5	806-896 MHz: 12 / 14.1 870-960 MHz: 12.4 / 14.5
Horizontal Beamwidth (Deg.)	90	90	90	90
Elevation Beamwidth (Deg.)	30	15	15	15
USLS (dB)	N/A	N/A	N/A	>15
Null Fill (dB) - Below Peak	N/A	N/A	N/A	N/A
Beam Tilt (Deg.)	0	0	0	0
VSWR	<1.5:1	1.33:1	1.33:1	<1.35:1
Front-To-Back Ratio (dB)	40	40	40	40
Max. Input Power (Watt)	500	500	500	500
Connector Location	Back	Back	Back	Back
Connector Type	7/16 DIN - Female	7/16 DIN - Female	7/16 DIN - Female	7/16 DIN - Female
Optional Connectors	N-Female	N/A	N/A	N-Female
MECHANICAL SPECIFICATIONS				
Length (inch/mm)	24 / 610	48 / 1219	48 / 1219	48 / 1219
Width (inch/mm)	6.5 / 165	6.5 / 165	6.5 / 165	6.5 / 165
Depth (inch/mm)	8 / 203	8 / 203	8 / 203	8 / 203
Net Weight (lbs/kg)	7 / 3.2	9.5 / 4.3	9.5 / 4.3	14 / 6.4
Max. Flat Plate Area (ft^2/m^2)	1.3 / 0.12	2.6 / 0.24	2.6 / 0.24	2.6 / 0.24
Max. Wind Load at 100 mph (lbf/N)	52 / 231	104 / 462	104 / 462	104 / 462
Max. Wind Speed (mph/kmh)	100 / 161	125 / 201	125 / 201	125 / 201
Radome Material	ABS, UV Resistant	ABS, UV Resistant	ABS, UV Resistant	ABS, UV Resistant
Reflector Material	Pass. Aluminum	Pass. Aluminum	Pass. Aluminum	Pass. Aluminum
Radiator Material	Brass	Aluminum	Aluminum	Brass
Hardware Material	Galvanized Steel	Galvanized Steel	Galvanized Steel	Galvanized Steel
Std. Mounting Hardware	DB380	DB380	DB380	DB380
Optional Downtilt Kit	DB5083	DB5083	DB5083	DB5083
Optional Azimuth Wall Bracket	DB5084-AZ	DB5084-AZ	DB5084-AZ	DB5084-AZ

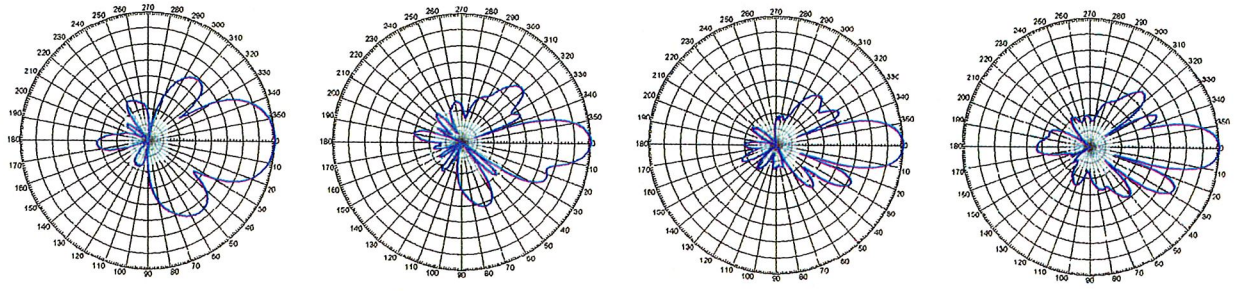
Specifications are subject to change. Please see our website for the latest information.

DB842H90E-XY | **DB844F90A-SX** | **DB844G90A-XY** | **DB844H90E-XY**

Azimuth Pattern



Elevation Pattern



Scale: 10° radials, 5 dB per division

DIVERSITY
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