



REGION 28 PLANNING UPDATE COMMITTEE

EASTERN PENNSYLVANIA, SOUTHERN NEW JERSEY, and DELAWARE

Office of Information Services
Telecommunication Technologies
801 Silver Lake Blvd.
Dover, DE 19904-2407

Richard R. Reynolds, Chairman
Judith R. Brackin, Secretary

VOICE: (302) 739-9648 FAX: (302) 739-9642
VOICE: (610) 344-5000 FAX: (610) 344-5050

September 21, 2000

RECEIVED

Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, SW
Room TW-204B
Washington, DC 20554

DOCKET FILE COPY ORIGINAL

SEP 22 2000

FCC MAIL ROOM

**RE: Application to Amend:
GN Docket No. 89-573
Philadelphia Metropolitan Area
Regional Public Safety Plan (Region 28)
Filing Window 6A assignments**

Dear Sir or Madam:

This letter will supercede our previous letter dated August 28, 2000, please accept this letter as our official filing request for approval of our Filing Window 6A. Filling Window 6 was divided into two parts (6A & 6B) to expedite the assignment process. Filing window 6A includes those applications whose 5 dBu contour does not leave the boundaries of Region 28. We are still working on Window 6B, which will be filed separately and include those applications whose 5 dBu contours extend beyond the Region 28 boundaries as those assignments will require more time to coordinate with adjacent regions.

Letters requesting concurrence for Window 6A were mailed to all adjacent regions on May 5, 2000 (copies attached) advising them of the conditions of the split filing and requesting their review and concurrence. To date we have only received one response from Region 8 in the affirmative (copy attached). We have not received any response from Regions 20, 30, 36, or 55.

This filing is in full compliance with the requirements of the inter-regional agreement between Regions 20 and 28 as stipulated in Paragraph 5 (F) of the "Inter-Regional Coordination Procedures Agreement", in that Region 20 RPRC had 60 calendar days, from the notification date of May 5, 2000, to respond to this Inter-Regional Coordination request.

No. of Copies rec'd 014
List A B C D E

Secretary
Federal Communications Commission
GN Docket No. 89-573
Page 2

Attached to this letter is a printout listing the channel assignments sorted by applicant for our Window 6A as approved by Region 28 at our July 13, 2000 meeting.

Your prompt consideration and approval of our filing Window 6A would be greatly appreciated. If there are any questions concerning any of the attachments to this letter please call me at 302-739-9648 or e-mail me at rreynolds@state.de.us.

Sincerely,



Richard R. Reynolds, Chairman,
Region 28 PUC

Attachments:

Bcc: Paul Einreinhofer, Region 8
Steve Souder, Region 20
Paul Schonewolf, Region 30
Donald Appleby, Region 36
Harold Miller, Region 55

**TRI-STATE RADIO PLANNING COMMITTEE
REGIONAL PLANNING UPDATE COMMITTEE**



FCC - REGION 8

Paul Einreinhofer, Chairman
Bergen County Police Dept.
327 Ridgewood Avenue
Paramus, New Jersey 07652

FCC CT. N.J. N.Y.

POLICE
FIRE
HIGHWAY
LOCAL GOV'T
EMRS
SERS

JUN 12 2000

June 7, 2000

Mr. Richard Reynolds, Chairman
RPUC Region 28
Office of Information Services
Telecommunication Technologies
801 Silver Lake Blvd.
Dover DE 19904-2407

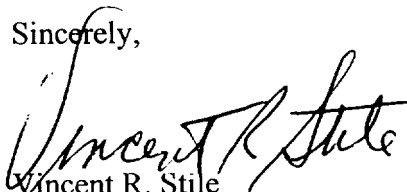
Re: Region 28 Window #6A Filing

Dear Mr. Reynolds:

I have reviewed the modified radio plan for Region 28 and find no problem with it. Specifically, my review was for the possible impact on assigned channels to Region 8 and I do not find any cause for concern with the modification submitted to me.

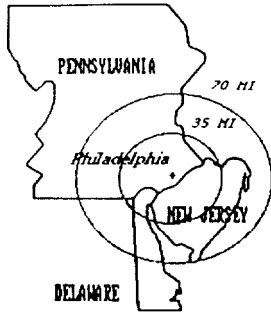
For any additional information, please contact my office at 631-852-6431.

Sincerely,


Vincent R. Stile
Corresponding Secretary
RPUC, FCC Region 8

VRS:ec

cc: Sgt. Paul Einreinhofer
Mr. George Johnson, AFC



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May 5, 2000

Sgt. Paul Einreinhofer
Region 8 RPRC
Bergen County Police
327 Ridgewood Ave.
Paramus, NJ 07652

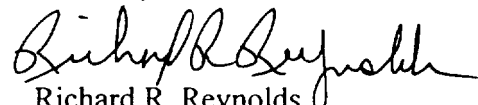
RE: Region 28 Window #6A Filing

Dear Paul:

The attached channel assignment list represents the proposed Region 28 plan amendment resulting from our #6A filing window process. We have split our filing window # 6 into a part A and a part B to expedite the filing process. Part A here contained will contain those applications whose 5 dBu contours are contained within our Region. We are seeking your regional approval to allow us to continue the amendment process through the FCC.

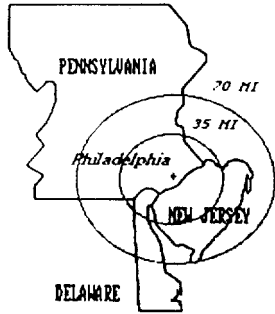
If we do not here from you within 30 days of receipt of this letter, requesting concurrence, we will assume that you have no objection to our amendment. As you will see from the attached contour maps there are no instances where the 5 dbu contour leaves our region. Your prompt response to this request will be greatly appreciated.

Sincerely Yours,


Richard R. Reynolds
Chairman, Region 28

Attachment: Copy of window 6A filing with colored contour maps

Cc: Region 28 Committee Secretary, w/ attachments



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May 5, 2000

Mr. Steve Souder, Chairman
Region 20 RPRC
Arlington County, Virginia
Emergency Communications Center
1400 N. Uhle Street, 5th Floor
Arlington, VA 22201-9998

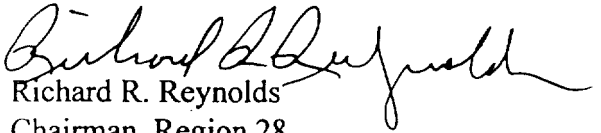
RE: Region 28 Window #6A Filing

Dear Steve:

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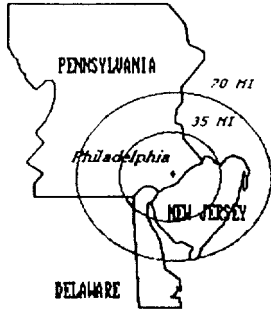
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May 5, 2000

Donald Appleby
Region 36 RPRC
Commonwealth of Pennsylvania
Radio Project Development Office
One Technology Parkway
Room # 190
Harrisburg, PA 17110

RE: Region 28 Window #6A Filing

Dear Don:

The attached channel assignment list represents the proposed Region 28 plan amendment resulting from our #6A filing window process. We have split our filing window # 6 into a part A and a part B to expedite the filing process. Part A here contained will contain those applications whose 5 dBu contours are contained within our Region. We are seeking your regional approval to allow us to continue the amendment process through the FCC.

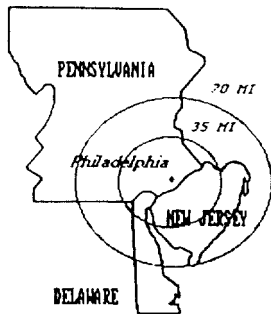
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Chairman, Region 28

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May 5, 2000

Paul F. Schonewolf
Region 30 RPRC
1430 Balltown Road
Schenectady, NY 12309

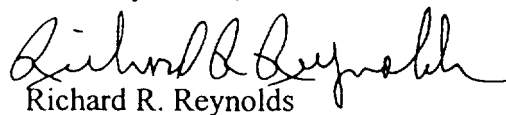
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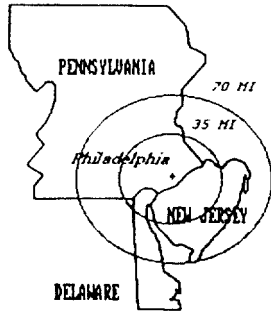

Richard R. Reynolds
Chairman, Region 28

Attachment: Copy of window 6A filing with colored contour maps

Cc: Region 28 Committee Secretary, w/ attachments

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May 5, 2000

Harold Miller
Region 55 RPRC
Department of Central Police Services
95 Franklin Street
Room 230
Buffalo, NY 14202


RE: Region 28 Window #6A Filing

Dear Harold:

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Chairman, Region 28

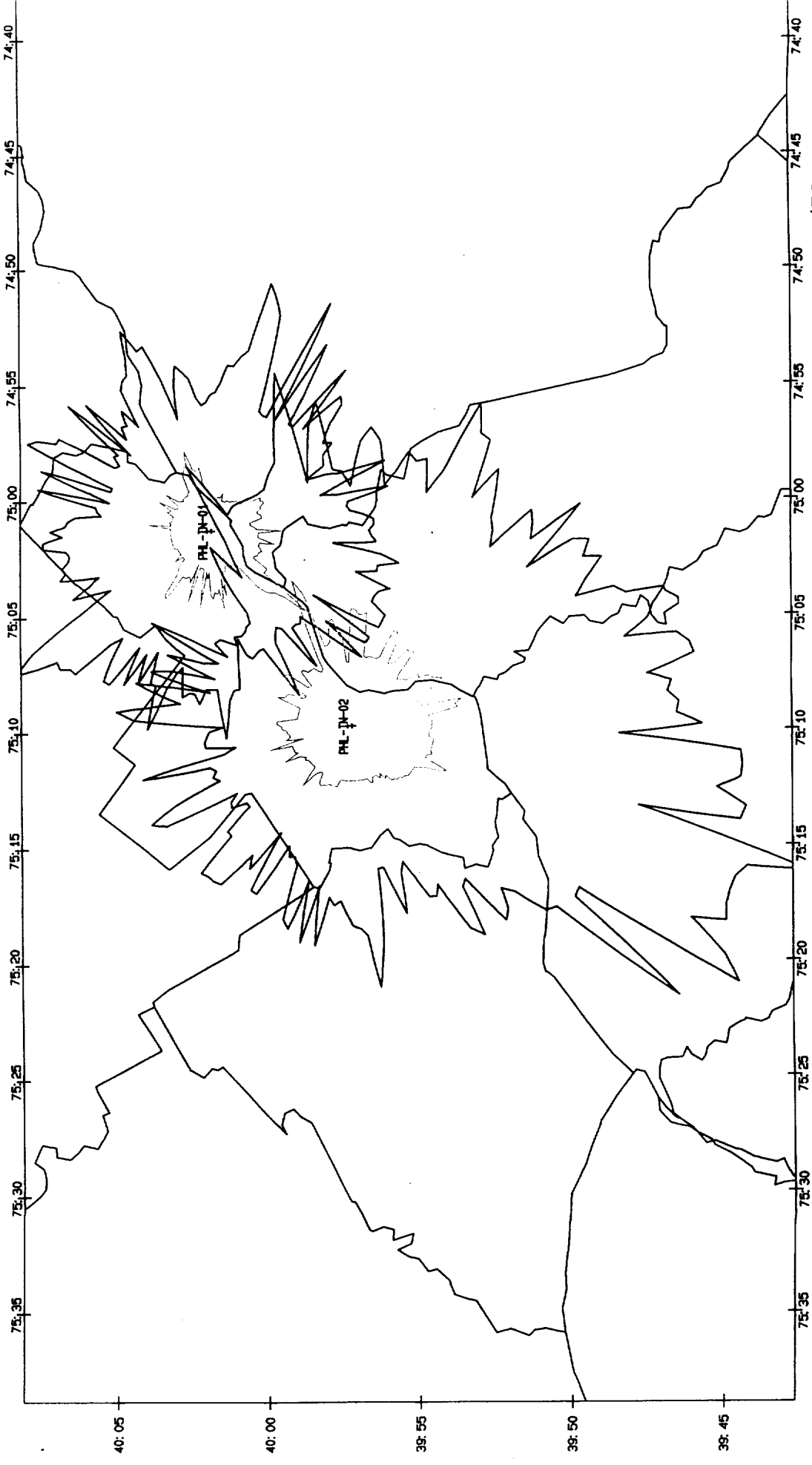
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Cc: Region 28 Committee Secretary, w/ attachments

REGION 28 WINDOW 6A

APPROVED 7/13/2000

Region	CH #	User	Location	City	County	Licensed	Status	Service Area
28	617	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	627	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	637	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	647	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	659	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	672	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	679	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	693	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	702	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	719	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	724	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	735	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	759	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	763	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	783	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	795	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	801	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	829	Atlantic City, City of	Atlantic City, NJ	Atlantic	Atlantic	No	Approved	City Trunked system
28	663	Brigantine, City of, NJ	Brigantine	Brigantine	Atlantic County, NJ	No	Approved	City of Brigantine, NJ
28	695	Brigantine, City of, NJ	Brigantine	Brigantine	Atlantic County, NJ	No	Approved	City of Brigantine, NJ
28	739	Brigantine, City of, NJ	Brigantine	Brigantine	Atlantic County, NJ	No	Approved	City of Brigantine, NJ
28	767	Brigantine, City of, NJ	Brigantine	Brigantine	Atlantic County, NJ	No	Approved	City of Brigantine, NJ
28	799	Brigantine, City of, NJ	Brigantine	Brigantine	Atlantic County, NJ	No	Approved	City of Brigantine, NJ
28	673	Cherry Hill Twp. NJ	Cherry Hill, NJ	Township	Camden County, NJ	No	Approved	Camden County, NJ
28	827	Cherry Hill Twp. NJ	Cherry Hill, NJ	Township	Camden County, NJ	No	Approved	Camden County, NJ
28	665	Ocean City, City of	Ocean City, NJ	Ocean City	Cape May	No	Approved	City Trunked system
28	689	Ocean City, City of	Ocean City, NJ	Ocean City	Cape May	No	Approved	City Trunked system
28	745	Ocean City, City of	Ocean City, NJ	Ocean City	Cape May	No	Approved	City Trunked system
28	789	Ocean City, City of	Ocean City, NJ	Ocean City	Cape May	No	Approved	City Trunked system
28	815	Ocean City, City of	Ocean City, NJ	Ocean City	Cape May	No	Approved	City Trunked system
28	632	Philadelphia, City Of, PA	Philadelphia	Philadelphia	LOW POWER 15 Watts ERP	Yes	Approved	City of Philadelphia
28	640	Philadelphia, City Of, PA	Philadelphia	Philadelphia	LOW POWER 15 Watts ERP	Yes	Approved	City of Philadelphia
28	678	Philadelphia, City Of, PA	Philadelphia	Philadelphia	LOW POWER 15 Watts ERP	Yes	Approved	City of Philadelphia
28	716	Philadelphia, City Of, PA	Philadelphia	Philadelphia	LOW POWER 15 Watts ERP	Yes	Approved	City of Philadelphia
28	754	Philadelphia, City Of, PA	Philadelphia	Philadelphia	LOW POWER 15 Watts ERP	Yes	Approved	City of Philadelphia
28	830	Philadelphia, City Of, PA	Philadelphia	Philadelphia	LOW POWER 15 Watts ERP	Yes	Approved	City of Philadelphia
28	645	Pleasantville, City of	Pleasantville, NJ	Pleasantville	Atlantic	No	Approved	City trunked system
28	681	Pleasantville, City of	Pleasantville, NJ	Pleasantville	Atlantic	No	Approved	City trunked system
28	713	Pleasantville, City of	Pleasantville, NJ	Pleasantville	Atlantic	No	Approved	City trunked system
28	747	Pleasantville, City of	Pleasantville, NJ	Pleasantville	Atlantic	No	Approved	City trunked system
28	777	Pleasantville, City of	Pleasantville, NJ	Pleasantville	Atlantic	No	Approved	City trunked system



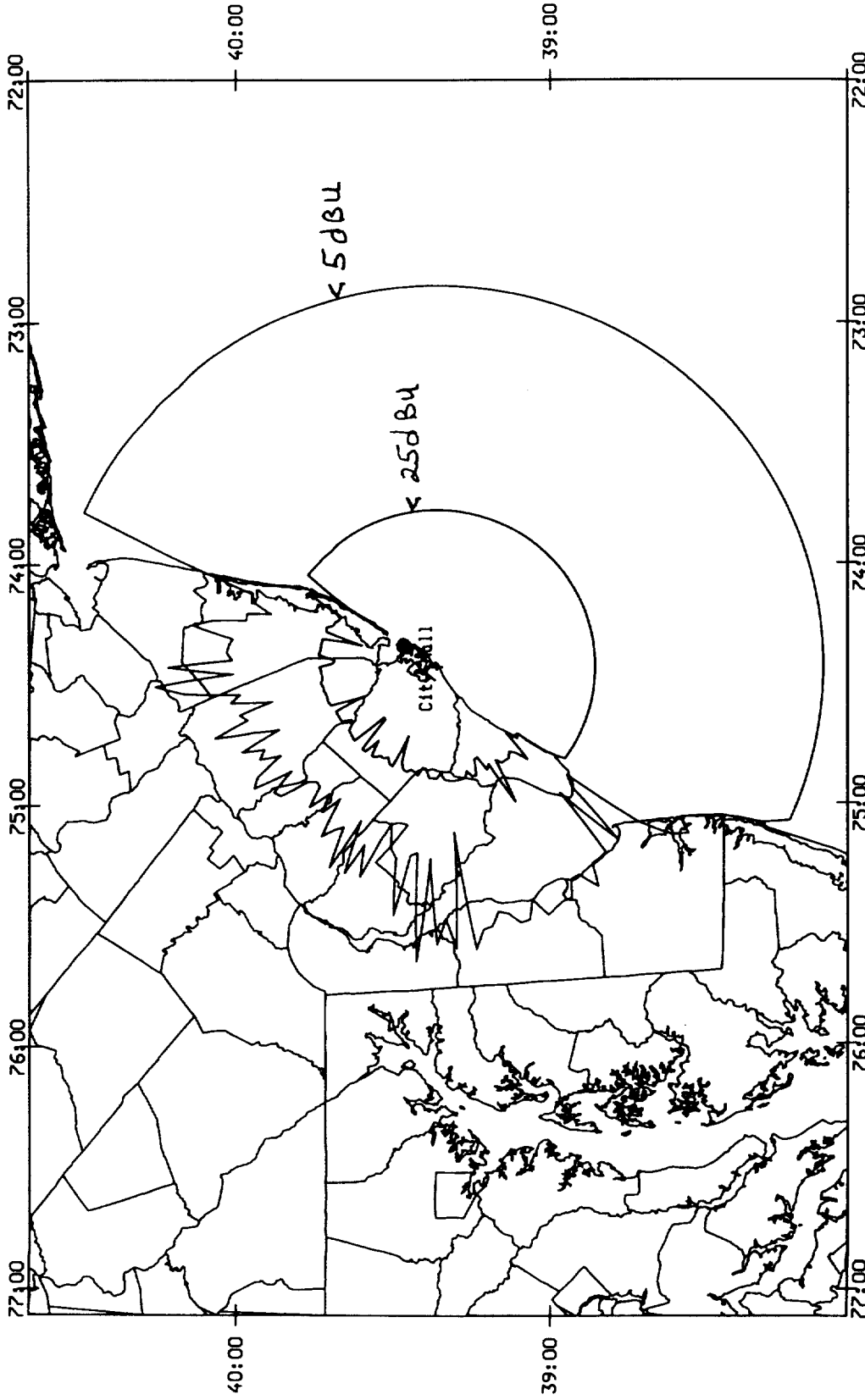
Philadelphia 800 MHz . 25 and 5 dBu Contour. Okumura-Hata-Davidson, 50/50

Location: City of Philadelphia - 800 MHz
 Engineer: Margaret J Lyons, ...
 Date: Dec 23 1999
 Type: Prepared for: City of Philadelphia
 File: /home/rccuser/marg/philproj/contour50bu.hpg
 Number of sites: 2

SIGNAL STRENGTH RANGES
 > 25 dBu
 25 to 5 dBu

PHL-DH-01 CTF
 PHL-DH-02 CJS





Interference Contours 5/25 dBu 50-50%

Location: City Hall Atlantic City, NJ
 Engineer: Norma Coltri
 Date: Mar 2000
 Scale: 1 inch = 36 miles
 Frequency: 870 MHz
 Number of sites: 1
 Type: Prepared for: Okumura-Hata-Davidson Adaptive, No Diffraction
 File: /homec/roccusr/rocoltri/foa.hpgl

SIGNAL STRENGTH RANGES:
 > 25.0 dBu
 25.0 to 5. dBu



MAR 14 2000

TO: Region 28 Committee

SUBJECT: Window 6A documentation for surrounding regions.

Contour Plots for City of Atlantic City, NJ

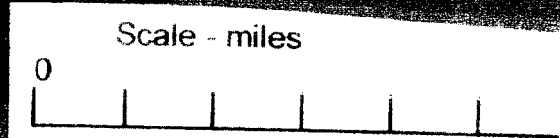
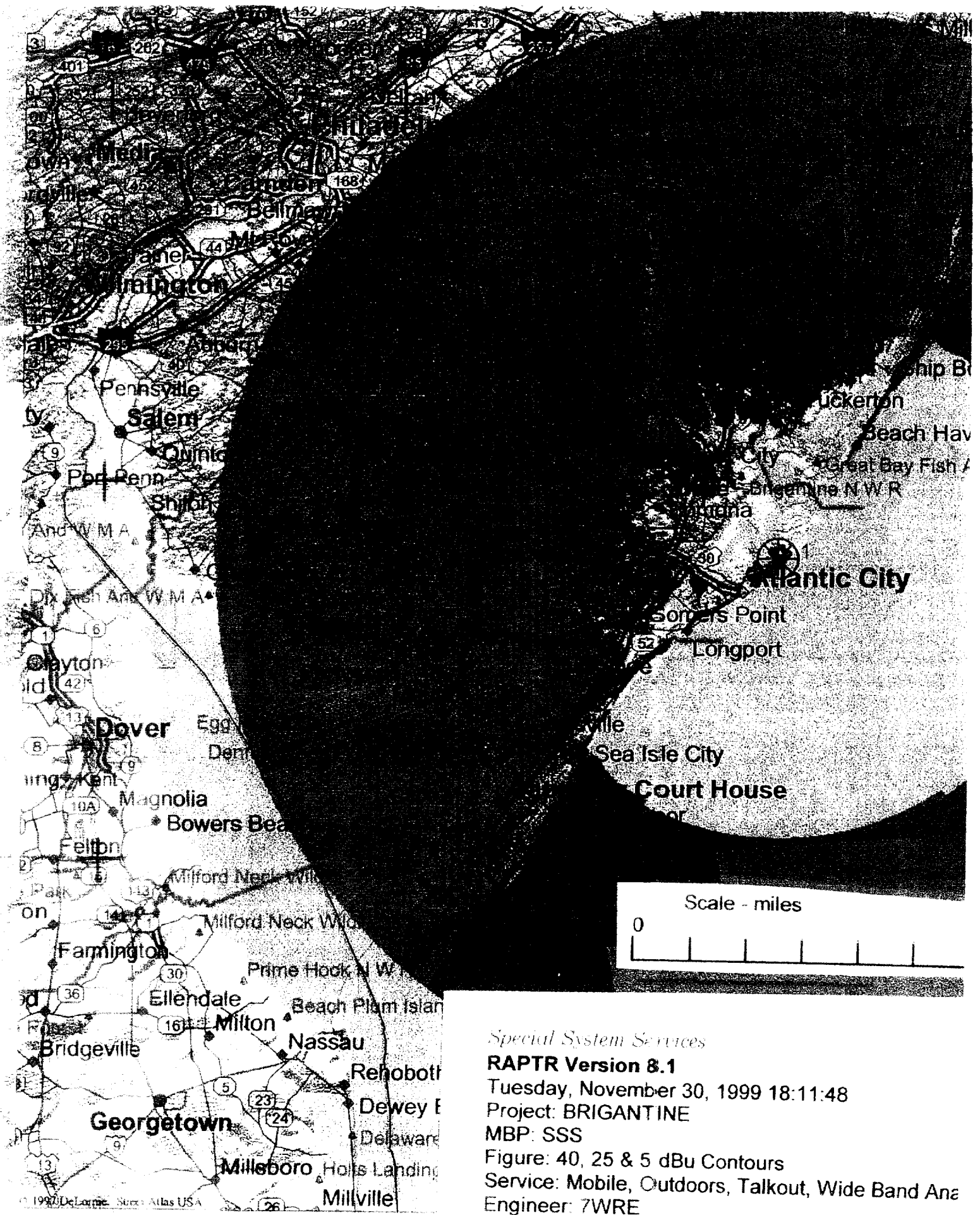
The attached contour plots for the City of Atlantic City were developed using RCC Consultants in-house modeling program, ROMULUS©. The standard contours used were 40 dBu coverage at 90-90% and 25/5 dBu interference 95-95% and 50/50%. (Region 20 requests interference contours at 95-95 %. Regions 8 and 38 require interference contours at 50-50%). A defraction model was not used which, in a contour study, would artificially reduce the size of the contour.

The parameters used for the plots were:

Propagation Model: Okumura-Hata-Davidson
Defraction Model: None
Coverage Confidence: 90% spatial, 90% Rayleigh
Interference Conf: 95% spatial, 95% Rayleigh ; and 50% spatial, 50% Rayleigh
Frequency: 870 MHz
Mobile antenna: 5 feet
Environmental Loss: LULC data file
Transmitter Location: 39:21:48.4, -74:25:42.5 NAD83
Ground elevation: 6.6 feet ASL
Antenna Tip: 125 feet AGL
HAAT: 127 feet
Antenna Type: Sinclair SRL480 4 degree downtilt
ERP: 200 Watts

RCC Consultants, Inc.

100 Woodbridge Center Drive • Suite 201 • Woodbridge, New Jersey 07095-1125 • tel (732) 404-2400 • fax (732)-404-2556



Special System Services

RAPTR Version 8.1

Tuesday, November 30, 1999 18:11:48

Project: BRIGANTINE

MBP: SSS

Figure: 40, 25 & 5 dBu Contours

Service: Mobile, Outdoors, Talkout, Wide Band Ant

Engineer: 7WRE

Map type - 1:700,000



-94.0 dBm < -109.0 dBm < -129.0 dBm

Special System Services

Tuesday, March 21, 2000 14:00:34

Project Information

Project: BRIGANTINE
MBP: SSS
Engineer: 7WRE
Figure: 40, 25 & 5 dBu Contours
Service: Mobile, Talkout, Outdoors, Wide Band Analog

System Parameters

Frequency: 806 - 870 MHz
Sensitivity: -109 dBm
Terminal Antenna Height: 5.0 ft.
Rayleigh: 50% 0.0 dB
Log Normal: 50% 0.0 dB
Confidence: 50% 0.0 dB
Mobile Transmit Power: 44.0 dBm
Mobile Antenna Gain: 3.0 dB
Miscellaneous Loss: 2.0 dB

Site Parameters

Site ID: 1
Site Name: 15th st.
Latitude: 39° 24' 12" N
Longitude: 74° 22' 25" W
Site Elevation: 3 ft.
Area Type: Database PLAG Version: 8.0
Transmitter: MASTR III 100.0 W 50.0 dBm
Combiner: DB8062 Channel: 5 Spacing: 250 kHz Loss: 3.7 dB
Duplexer Loss: 0.0 dB
Coax: 1-1/4" Foam Length: 207 ft. Loss: 1.8 dB
Antenna: BMR60 Azimuth: 100° Gain: 7.0 dB Height: 157 ft.
Vertical Pattern: Not Available Mechanical Tilt: -6°
Allowable Path Loss: 159.5 dB ERP: 49.5 dBm HAAT: 157 ft.

Tuesday, March 21, 2000 14:00:34

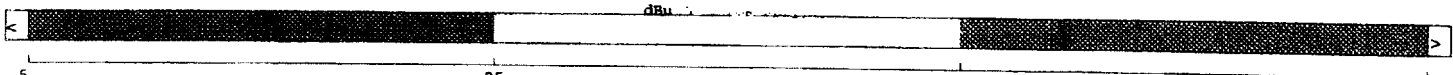
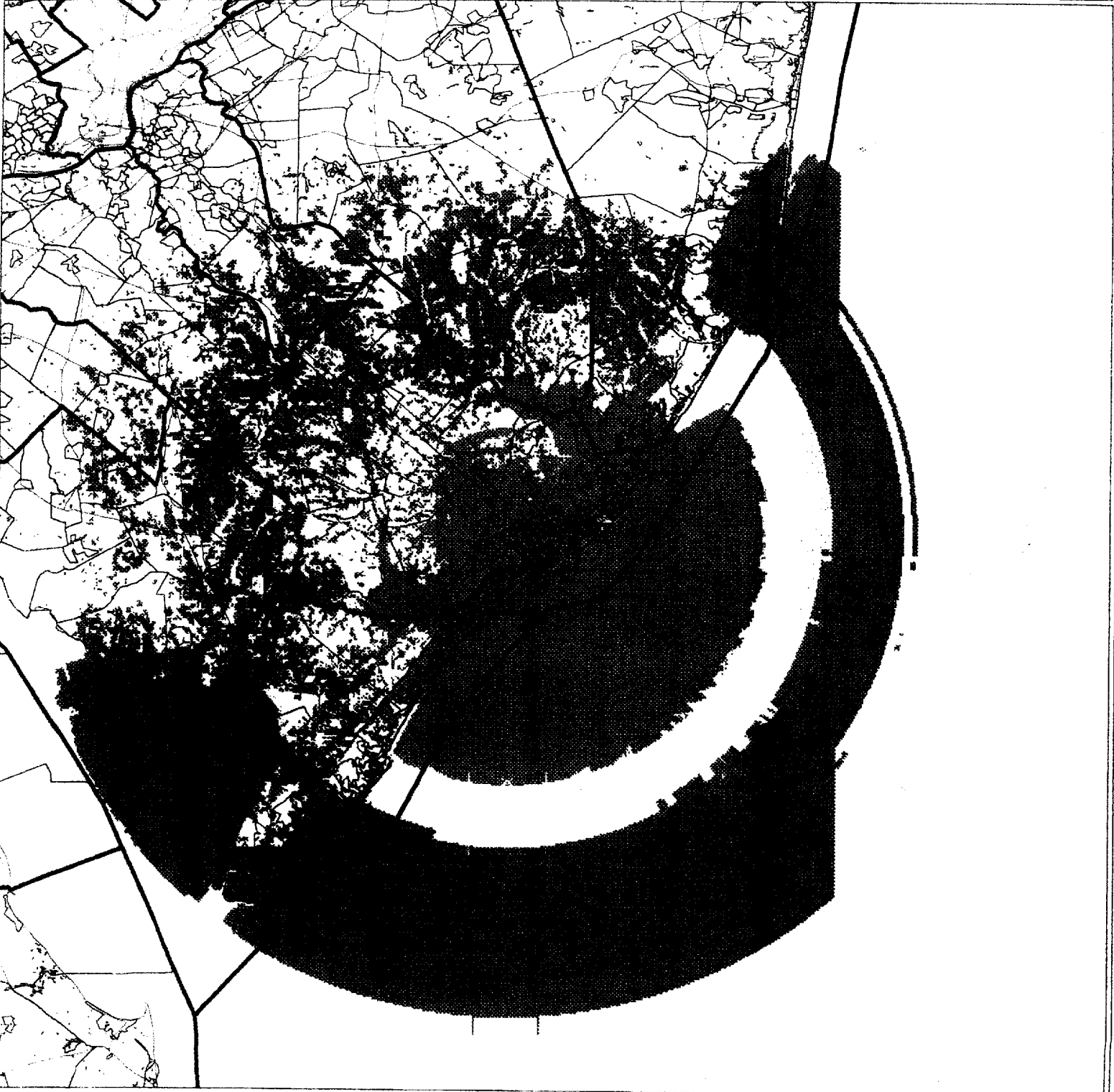
Figure: 40, 25 & 5 dBu Contours

Environment Type	Environment Loss
Water	0 dB
Snow & Ice	0 dB
Wetland	3 dB
Open Land	5 dB
Range Land	3 dB
Transportation	5 dB
Agricultural	7 dB
Residential	12 dB
Forest	15 dB
Mixed Urban/Buildings	15 dB
Commercial/Industrial	19 dB
High Density Urban	28 dB

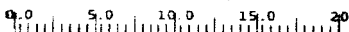
Freq : 866.0 Mhz
A/Ht : 144.0 Ft.
HAAT : 160.4 Ft.

Pleasantville PLEASANTVILLE

Lat : 39 23 41
Long : -74 31 11
Elev : 32.8 Ft.



MOTOROLA, INC.



SCALE : 12.00 MILES PER INCH

Job # 120865291
Engineer engineer
Date 03/24/2000
Time 11:05:06

ANALOG REPEATER to ANALOG MOBILE
Field Unit On Street

Base ERP 98.4W(49.9dBm)
Base Ant Az0.0°
H BeamWidth360.0°
Field Unit ERS 0.44µv(-114.1dBm)
Field Unit Ant Ht 4.9 Ft.
Field Unit Ant Type :

Calculated values are derived using average loss values for surroundings. Some low lying heavily wooded or urban areas may result in lower values than those indicated.

Pleasantville

Site data

Site reference: Lat. 39 23 41

Long. 74 31 11

Site elevation: 32.8ft

Site HAAT: 16.4ft

HAAT : 160.4ft

Model used: Okumura 330c

Clutter table: Lulccltr.tbl

Analysis mode: Talkout

Channel performance: DAQ 3

Base Stations

Frequency 821MHz pair

Transmit pwr: 100W

Line Type: 7/8" LDF

Line Length: 174.0ft

Total line loss: 1.9dB

Total line assmbly loss: 2.2dB

Duplexor loss: 2.0dB

Antenna height: 144ft

Antenna gain: 6.0dB

Antenna type: omni

ERP: 49.9dBm

Contour criteria used

40dBu contour: 90% reliability

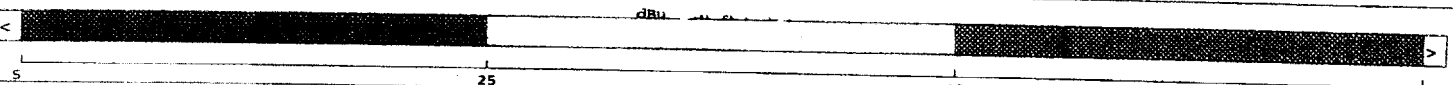
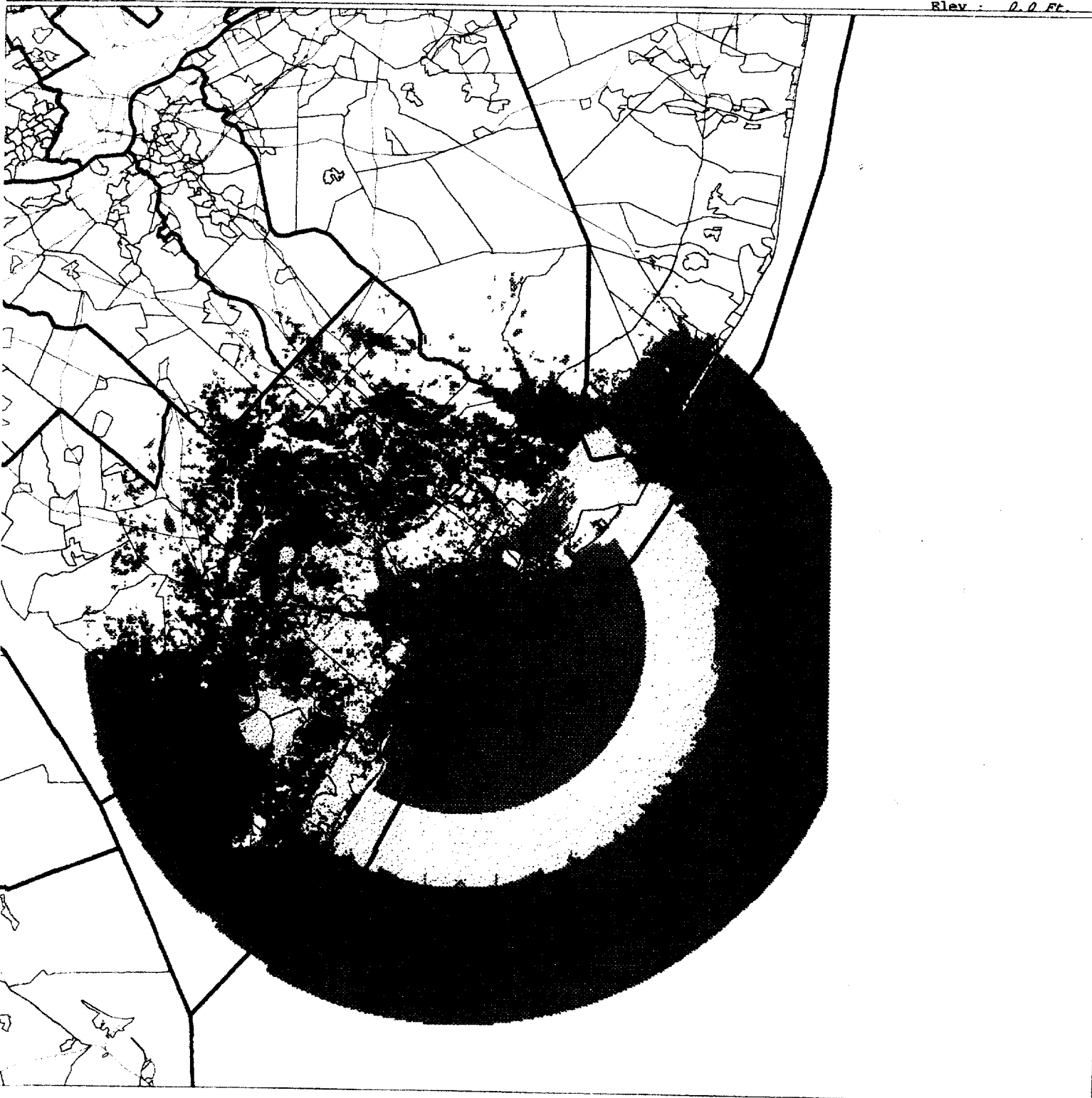
25dBu contour: 50% reliability

5dBu contour : 50% reliability

Freq : 866.0 Mhz
 A/Ht : 78.0 Ft.
 HAAT : 71.4 Ft.

OCEAN CITY
 OCEAN CITY

Lat : 39 16 12
 Long : -74 35 0
 Elev : 0.0 Ft.



MOTOROLA, INC.

SCALE : 12.00 MILES PER INCH

ob # 788540940
 engineer engineer
 date 03/24/2000
 time 12:42:28

ANALOG REPEATER to ANALOG MOBILE
 Field Unit On Street

Base ERP 117.9W(50.7dBm)
 Base Ant Az0.0°
 H BeamWidth360.0°
 Field Unit ERS 0.44µv(-114.1dBm)
 Field Unit Ant Ht 4.9 Ft.
 Field Unit Ant Type :

Calculated values are derived using average loss values for surroundings. Some low lying heavily wooded or urban areas may result in lower values than those indicated.

Ocean City

Site data

Site reference: Lat. 39 16 12
Long. 74 35 00

Site elevation: 0.0ft

Site HAAT: - 6.6ft

HAAT : 71.4ft

Model used: Okumura 330c

Clutter table: Lulccltr.tbl

Analysis mode: Talkout

Channel performance: DAQ 3

Base Stations

Frequency 821MHz pair

Transmit pwr: 100W

Total line loss: 1.9dB

Total line assmbly loss: 1.4dB

Duplexor loss: 2.0dB

Antenna height: 78ft

Antenna gain: 6.0dB

Antenna type: omni

ERP: 50.7dBm

Contour criteria used

40dBu contour: 90% reliability

25dBu contour: 50% reliability

5dBu contour : 50% reliability